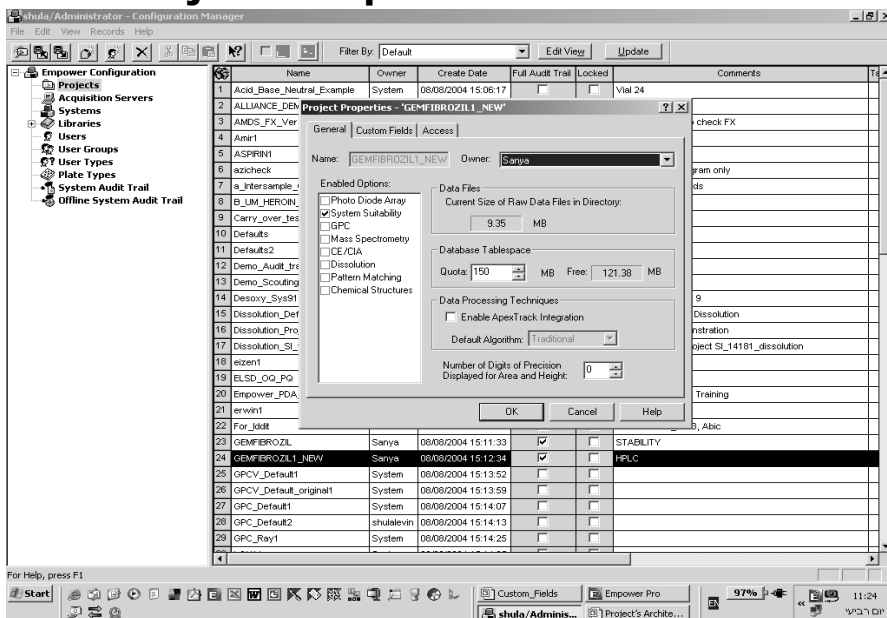


# **Millennium/Empower Advance Training for Teva**

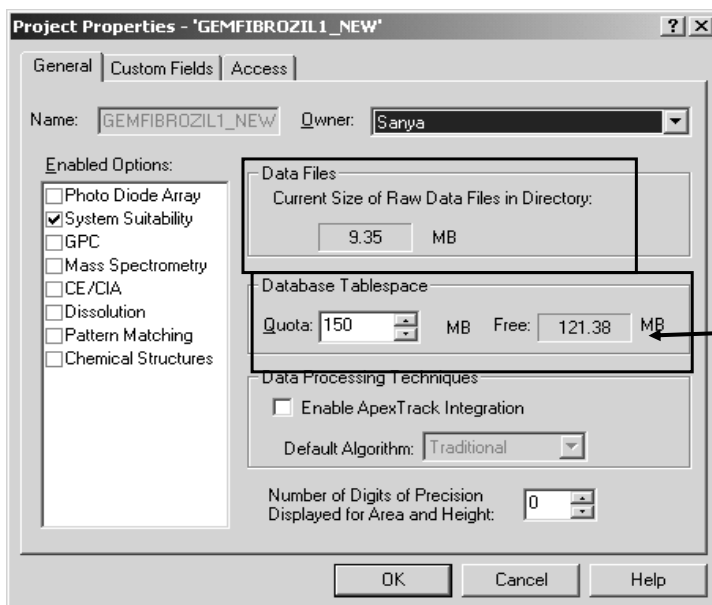
Dr. Shulamit Levin  
levins@medtechnica.co.il

## **The Project Audit Trail**

# Project's Properties



# Project's Properties



## Project's Properties

Project Properties - 'GEMFIBROZIL1\_NEW'

General Custom Fields Access

	Name	Type	Field Type	Width	Pre
1	Amount_Control	Real (0.0)	Peak	12	
2	Amount_Control_1	Real (0.0)	Peak	12	
3	Amount_Control_2	Real (0.0)	Peak	12	
4	Amount_Loaded	Real (0.0)	Sample	12	
5	Amount_for_Formyl	Real (0.0)	Peak	12	
6	Area_Amount	Real (0.0)	Peak	12	
7	ChromatogMethod	Text	Sample	50	
8	ChromatogParameters	Text	Sample	51	
9	Column_ID	Text	Sample	79	
10	Dilution	Real (0.0)	Sample	11	
11	ID_COLUMN	Text	Sample	79	

New ... Edit ... Delete Save to Project ...

OK Cancel Help

## Project's Properties

Project Properties - 'GEMFIBROZIL1\_NEW'

General Custom Fields Access

Allowed Access

Owner Only

Owner and Group

Owner, Group and World

Group User Type

User's Own Type

World User Type

User's Own Type

Allow Access to Groups

Administrators

Guests

Medtechnica

OK Cancel Help

## Navigation in the Project

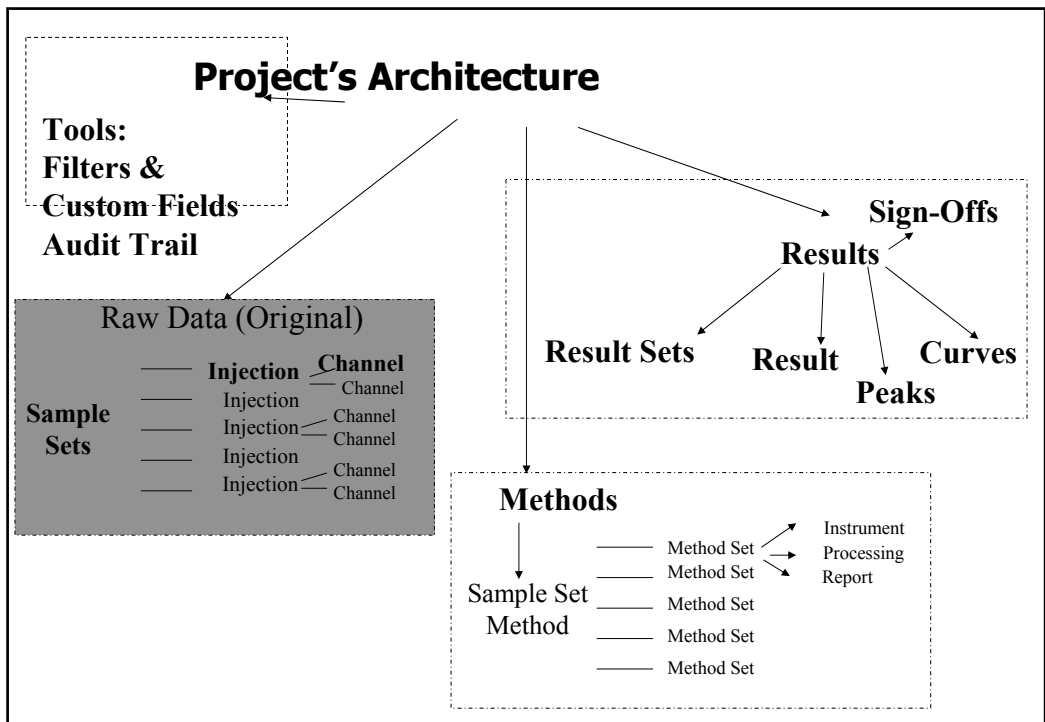
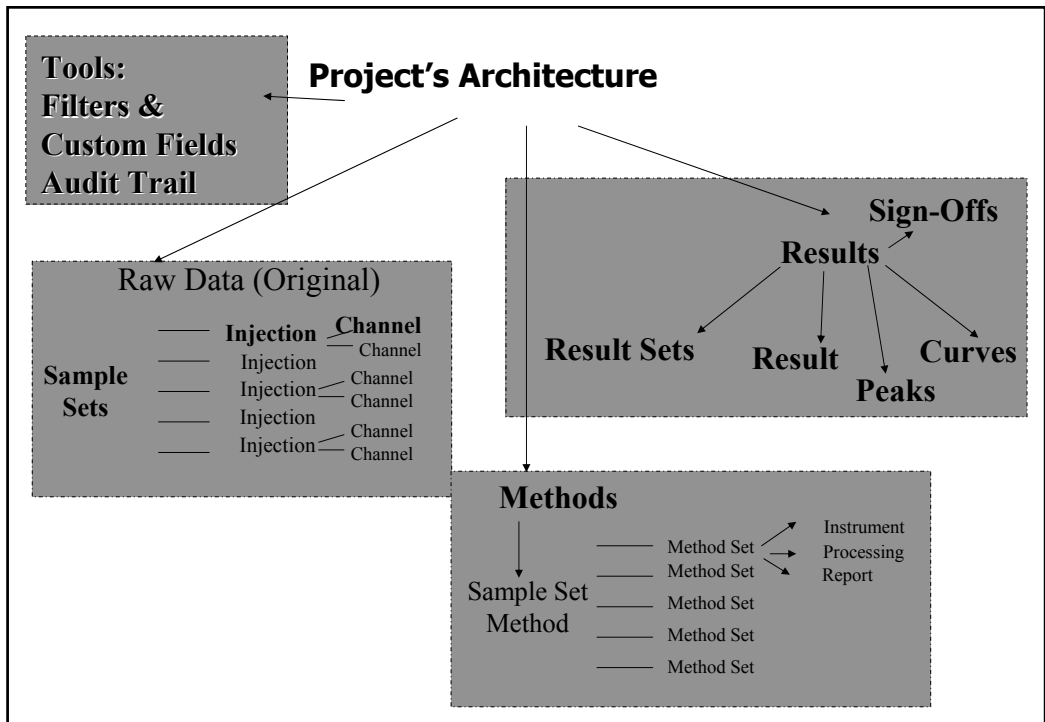
The screenshot shows the 'GEMFIBROZIL as shula/Shula\_Demo - Project' window. The main table displays sample set information. A context menu is open over row 4, listing actions such as 'New Method', 'Review', 'Process...', 'Print...', 'Export...', 'Alter Sample', 'Run Samples', 'Copy To Project...', 'Lock Channel', 'Unlock Channel', 'View As', 'Copy', 'Paste', 'Hide Column', 'Show All Columns', 'Print Table', and 'Table Properties...'. The 'View As' submenu is also visible, listing 'Injections', 'Channels', 'Results', 'Result Sets', 'Instrument Methods', 'Sample Set Methods', and 'Audit Records'. The table columns include Sample Set Name, Sample Set Start Date, Sample Set Finish Date, Sample Set Method, System Name, System Comments, and Sample Set Id.

Sample Set Name	Sample Set Start Date	Sample Set Finish Date	Sample Set Method	System Name	System Comments	Sample Set Id
1 GEM_BP_401007	18/05/2004 19:20:19	18/05/2004 21:24:12	GEM_BP_401007	401007	HPLC	5426
2 GEM_BP_401007	18/05/2004 17:31:00		GEM_BP_401007	401007	HPLC	5402
3 GEM_STB_401007	18/05/2004 12:12:40	20/05/2004 5:21:08	GEM_STB_401007	401007	HPLC	5494
4 GEM_STB_401007	18/05/2004 13:38:27	20/04/2004 5:12:53	GEM_STB_401007	401007	HPLC	5101
5 GEM_STB_401007	12:43:46	19/02/2004 5:29:02	GEM_STB_401007	401007	HPLC	3701
6 GEM_STB_401007	12:38:03	24/01/2004 1:09:19	GEM_STB_401007	401007	HPLC	3263
7 GEM_STB_401007	9:37:48	20/05/2004 13:13:39	GEM_STB_401007_ess	401007	HPLC	5723
8 GEM_STB_071007	13:22:25	20/05/2004 13:39:33	GEM_STB_071003_401007	401007	HPLC	5620
9 GEM_STB_071007	11:15:16	08/10/2003 1:31:16	GEM_STB_071003_401007	401007	HPLC	2704
10 GEM_STB_1111007	14:08:58	11/11/2003 23:04:56	GEM_STB_111103_401007	401007	HPLC	2996
11 GEM_STB_1111007	13:38:28		GEM_STB_111103_401007	401007	HPLC	2962
12 GEM_STB_1206007	11:25:40	12/11/2003 16:27:29	GEM_STB_120803_401007	401007	HPLC	3106
13 GEM_STB_1206007	12:37:40		GEM_STB_120803_401007	401007	HPLC	1700
14 GEM_STB_1206007			GEM_STB_120803_401007	401007	HPLC	1623
15 GEM_USP_401007		7:53:41	GEM_USP_401007	401007	HPLC	4021
16 GEM_USP_401007			GEM_USP_401007	401007	HPLC	3903

ניווטים בפרוייקט

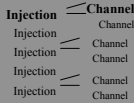
The screenshot shows the 'GEMFIBROZIL as shula/Shula\_Demo - Project' window with a different view. The table columns include SampleName, Vial, Injection, Sample Type, Date Acquired, Channel, Channel Description, Acq Method Set, # of Results Stored, and Channel. A large white text box is overlaid on the table, containing the text 'The Project's Architecture and Tools'. The table shows various sample sets, including 'STD 1 CONTR ASS', 'DILUENT', and 'STD 2 AS'. The 'View As' context menu is also visible over row 18.

SampleName	Vial	Injection	Sample Type	Date Acquired	Channel	Channel Description	Acq Method Set	# of Results Stored	Channel
1 STD 1 CONTR ASS	22	1	Unknown	24/01/2004 0:54:06	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	33
2 248922203-2 INITIAL	21	1	Unknown	24/01/2004 0:37:23	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	33
3 248922203-1 INITIAL	20	1	Unknown	24/01/2004 0:20:39	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	33
4 248922100									33
5 248922100									33
6 24892100									33
7 24892100									33
8 STD 2 AS									33
9 STD 2 AS									33
10 STD 2 AS									33
11 STD 1 AS									33
12 STD 1 AS									33
13 STD 1 AS									33
14 DILUENT									33
15 SST									33
16 STD 2% IMP. 1 CONTR.	12	1	Unknown	20:43:23	SATIN	276nm	Gemfibrozil_STB_Imp_401007	2	33
17 DILUENT	11	2	Unknown	20:26:38	SATIN	276nm	Gemfibrozil_STB_Imp_401007	2	33
18 DILUENT	11	1	Unknown	20:09:54	SATIN	276nm	Gemfibrozil_STB_Imp_401007	2	33
19 248922203-2 INITIAL	10	1	Unknown	19:33:08	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	33
20 248922203-1 INITIAL	9	1	Unknown	18:56:22	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	33
21 248922103-2 INITIAL	8	1	Unknown	18:19:39	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	33
22 248922103-1 INITIAL	7	1	Unknown	17:42:53	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	33
23 248921003-2 INITIAL	6	1	Unknown	17:06:09	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	33
24 248921003-1 INITIAL	5	1	Unknown	16:29:25	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	32
25 STD 2% IMP. 1	4	2	Standard	16:12:40	SATIN	276nm	Gemfibrozil_STB_Imp_401007	3	32



Raw Data (Original)

Sample Sets



# Raw Data Sample Sets Window

GEMFIBROZIL as shula/Shula - Demo - Project

File Edit View Tools Database Help

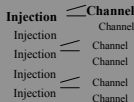
Filter By: All Sets by Date (Detailed) Edit View Update

Sample Set Name	Sample Set Start Date	Sample Set Finish Date	Sample Set Method	System Name	System Comm
1 GEM_BP_401007	18/05/2004 19:20:19	18/05/2004 21:24:12	GEM_BP_401007	401007	HPLC
2 GEM_BP_401007	18/05/2004 17:31:00		GEM_BP_401007	401007	HPLC
3 GEM_STB_401007	19/05/2004 12:12:40	20/05/2004 5:21:08	GEM_STB_401007	401007	HPLC
4 GEM_STB_401007	19/04/2004 8:38:27	20/04/2004 5:12:53	GEM_STB_401007	401007	HPLC
5 GEM_STB_401007	18/02/2004 12:43:46	19/02/2004 5:29:02	GEM_STB_401007	401007	HPLC
6 GEM_STB_401007	23/01/2004 12:38:03	24/01/2004 1:09:19	GEM_STB_401007	401007	HPLC
7 GEM_STB_401007_ass	20/05/2004 9:37:48	20/05/2004 13:13:39	GEM_STB_401007_ass	401007	HPLC
8 GEM_STB_071003_401007	20/05/2004 13:22:25	20/05/2004 13:39:33	GEM_STB_071003_401007	401007	HPLC
9 GEM_STB_071003_401007	07/10/2003 11:15:16	08/10/2003 1:31:16	GEM_STB_071003_401007	401007	HPLC
10 GEM_STB_111103_401007	11/11/2003 14:08:58	11/11/2003 23:04:56	GEM_STB_111103_401007	401007	HPLC
11 GEM_STB_111103_401007	11/11/2003 13:38:28		GEM_STB_111103_401007	401007	HPLC
12 GEM_STB_120803_401007	12/11/2003 11:25:40	12/11/2003 16:27:29	GEM_STB_120803_401007	401007	HPLC
13 GEM_STB_120803_401007	12/08/2003 12:37:40		GEM_STB_120803_401007	401007	HPLC
14 GEM_STB_120803_401007	12/08/2003 11:59:23		GEM_STB_120803_401007	401007	HPLC
15 GEM_STB_200403	20/04/2003 19:25:43	21/04/2003 16:11:11	GEM_STB_200403	System 401007	
16 GEM_STB_200403	20/04/2003 16:27:09		GEM_STB_200403	System 401007	
17 GEM_STB_401039	21/03/2004 16:40:12		GEM_STB_401039	401039	HPLC
18 GEM_STB_401039	21/03/2004 15:30:52		GEM_STB_401039	401039	HPLC
19 GEM_STB_401039_IMP	23/03/2004 13:35:31	23/03/2004 22:03:50	GEM_STB_401039_IMP	401039	HPLC

For Help, press F1 24 Selected

Raw Data (Original)

Sample Sets



# Raw Data- Injections Window

GEMFIBROZIL as shula/Shula - Demo - Project

File Edit View Tools Database Help

Filter By: All Inj. by Date (Detailed) Edit View Update

SampleName	Vial	Injection	Sample Type	Date Acquired	Sample Set Name	Acq Method Set
1 STD 1 ASS CONTROL	60	1	Unknown	23/06/2004 12:29:42	GEM_STB_401042_	GEM_STB_401042
2 248902404-4 3M/40C	62	1	Unknown	23/06/2004 12:13:07	GEM_STB_401042_	GEM_STB_401042
3 248902404-3 3M/40C	61	1	Unknown	23/06/2004 11:56:37	GEM_STB_401042_	GEM_STB_401042
4 STD 1 ASS CONTROL	60	1	Unknown	23/06/2004 11:20:25	GEM_STB_401042_	GEM_STB_401042
5 diluent	59	1	Unknown	23/06/2004 11:03:56	GEM_STB_401042_	GEM_STB_401042
6 diluent	55	1	Unknown	23/06/2004 2:09:24	GEM_STB_401042	GEM_flow 02_401042
7 STD 2% IMP	56	1	Unknown	23/06/2004 1:52:15	GEM_STB_401042	GEM_STB_401042
8 diluent	55	2	Unknown	23/06/2004 1:35:06	GEM_STB_401042	GEM_STB_401042
9 diluent	55	1	Unknown	23/06/2004 1:18:04	GEM_STB_401042	GEM_STB_401042
10 248902404-2 3M/40C	58	1	Unknown	23/06/2004 0:40:55	GEM_STB_401042	GEM_STB_401042
11 248902404-1 3M/40C	57	1	Unknown	23/06/2004 0:03:48	GEM_STB_401042	GEM_STB_401042
12 STD 2% IMP	56	1	Unknown	22/06/2004 23:46:42	GEM_STB_401042	GEM_STB_401042
13 diluent	55	2	Unknown	22/06/2004 23:29:34	GEM_STB_401042	GEM_STB_401042
14 diluent	55	1	Unknown	22/06/2004 23:12:31	GEM_STB_401042	GEM_STB_401042
15 diluent	28	2	Unknown	22/06/2004 22:55:07	GEM_STB_401042	GEM_STB_401042
16 diluent	28	1	Unknown	22/06/2004 22:38:04	GEM_STB_401042	GEM_STB_401042
17 STD 1 ASS CONTROL	54	1	Unknown	22/06/2004 22:20:42	GEM_STB_401042	GEM_STB_401042
18 248922602-2 18M/25C	53	1	Unknown	22/06/2004 22:04:09	GEM_STB_401042	GEM_STB_401042

For Help, press F1 615 Selected

Raw Data (Original)

Sample Sets

- Injection Channel
- Injection Channel
- Injection Channel
- Injection Channel

# Raw Data- Channels Window

ject

Filter By: All Channels by Date(Detailed) Edit View Update

Sample Sets Injections Methods Result Sets Results Peaks Sign Offs Curves View Filters Custom Fields Audit Trails

SampleName	Vial	Injection	Sample Type	Date Acquired	Channel	Channel Description	Acq Meth
1 STD 1 ASS CONTROL	60	1	Unknown	23/06/2004 12:29:42	486	276 nm	GEM_STB_40104
2 248902404-4 3M/40C	62	1	Unknown	23/06/2004 12:13:07	486	276 nm	GEM_STB_40104
3 248902404-3 3M/40C	61	1	Unknown	23/06/2004 11:56:37	486	276 nm	GEM_STB_40104
4 STD 1 ASS CONTROL	60	1	Unknown	23/06/2004 11:20:25	486	276 nm	GEM_STB_40104
5 diluent	59	1	Unknown	23/06/2004 11:03:56	486	276 nm	GEM_STB_40104
6 diluent	55	1	Unknown	23/06/2004 2:09:24	486	276 nm	GEM_flow 02_40
7 STD 2% IMP	56	1	Unknown	23/06/2004 1:52:15	486	276 nm	GEM_STB_40104
8 diluent	55	2	Unknown	23/06/2004 1:35:06	486	276 nm	GEM_STB_40104
9 diluent	55	1	Unknown	23/06/2004 1:18:04	486	276 nm	GEM_STB_40104
10 248902404-2 3M/40C	58	1	Unknown	23/06/2004 0:40:55	486	276 nm	GEM_STB_40104
11 248902404-1 3M/40C	57	1	Unknown	23/06/2004 0:03:48	486	276 nm	GEM_STB_40104
12 STD 2% IMP	56	1	Unknown	22/06/2004 23:46:42	486	276 nm	GEM_STB_40104
13 diluent	55	2	Unknown	22/06/2004 23:29:34	486	276 nm	GEM_STB_40104
14 diluent	55	1	Unknown	22/06/2004 23:12:31	486	276 nm	GEM_STB_40104
15 diluent	28	2	Unknown	22/06/2004 22:55:07	486	276 nm	GEM_STB_40104
16 diluent	28	1	Unknown	22/06/2004 22:38:04	486	276 nm	GEM_STB_40104
17 STD 1 ASS CONTROL	54	1	Unknown	22/06/2004 22:20:42	486	276 nm	GEM_STB_40104
18 248922602-2 18M/25C	53	1	Unknown	22/06/2004 22:04:09	486	276 nm	GEM_STB_40104

For Help, press F1 615 Selected

Raw Data (Original)

Sample Sets

- Injection Channel
- Injection Channel
- Injection Channel
- Injection Channel

# Raw Data- A Channel

STD 1 ASS CONTROL in GEMFIBROZIL as shula/Shula\_Demo - Review - [Main Window]

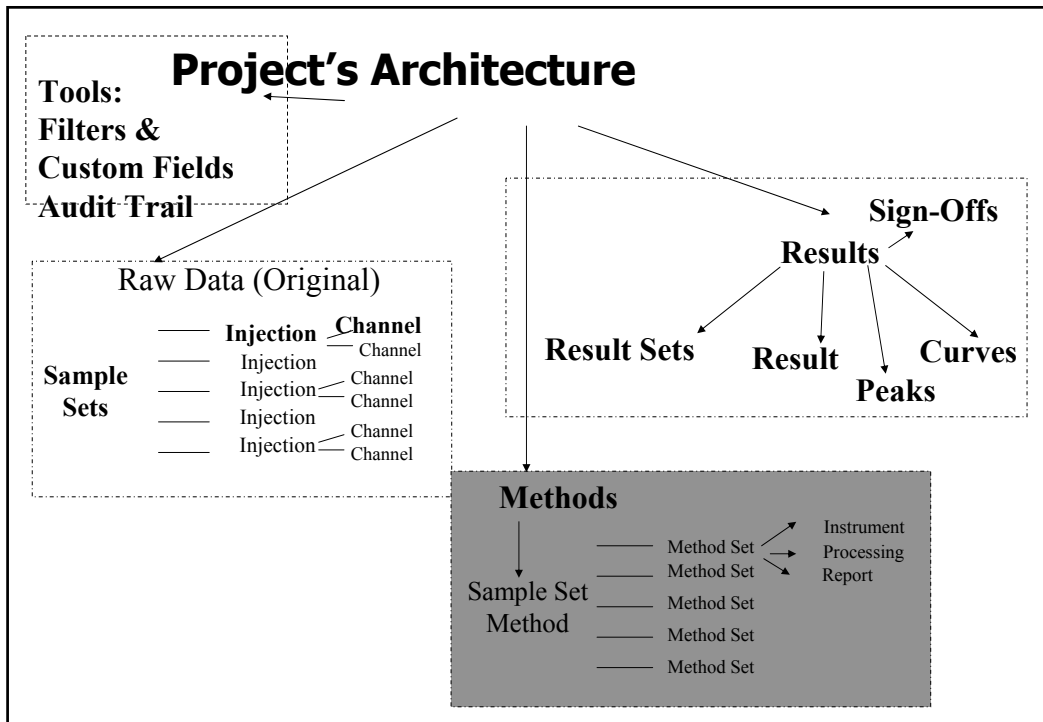
File Edit View Plot Process Navigate Options Window Spectrum Review Library Help

30.00 50.000 0 0

Name	Retention Time (min)	Area (μV*sec)	% Area	Height (μV)	Int Type	Amount	Units	Peak Type	Peak Codes	Structure 1 Name	Structure Descripti

3D Channels 2D Channels Peaks

For Help, press F1 Meth Set: Untitled Proc Meth: Untitled 1 LC



## The Methods View

**Methods**

- Method Set
- Method Set

**Sample Set**

- Method Set
- Method Set

**Method**

- Instrument Processing Report

Name	Type	Date	Method Version	Modified User	Locked	
20 test	Instrument	20/04/2003 12:09:00	3	System	<input type="checkbox"/>	
21 test 2690	Instrument	20/04/2003 12:09:00	2	System	<input type="checkbox"/>	
22 test2	Instrument	20/04/2003 12:09:00	3	System	<input type="checkbox"/>	
23 2_4 GEM BP ASSAY	Processing	19/05/2004 8:45:23	3	Slava	<input type="checkbox"/>	Adjust integration/compo
24 Default	Processing	20/04/2003 12:08:59	2		<input type="checkbox"/>	
25 GEM USP ASSAY	Processing	22/03/2004 16:18:29	36	Angela	<input type="checkbox"/>	Adjust integration/compo
26 GEM USP IMPURITY	Processing	23/03/2004 13:03:24	67	Angela	<input type="checkbox"/>	Adjust integration/compo
27 Gemfibrozil_STB_Assay_401007	Processing	20/04/2004 8:53:27	10	Angela	<input type="checkbox"/>	Adjust integration/compo
28 Gemfibrozil_STB_Impur_401007	Processing	20/05/2004 13:46:22	5	Angela	<input type="checkbox"/>	Adjust integration/compo
29 Gemfibrozil_STB_Imp_401007	Processing	22/06/2004 9:48:03	17	Angela	<input type="checkbox"/>	Adjust integration/compo
30 GEM_BP_SYS_SUIT	Processing	19/05/2004 8:57:40	7	Larisa	<input type="checkbox"/>	
31 GEM_STB_ASSAY	Processing	23/06/2004 10:07:03	8	Angela	<input type="checkbox"/>	Adjust integration/compo
32 GEM_STB_ASSAY_DIL	Processing	21/04/2003 15:55:59	2	AlexL	<input type="checkbox"/>	Adjust integration/compo
33 GEM_STB_SST	Processing	21/06/2004 15:59:55	17	Angela	<input type="checkbox"/>	Adjust integration/compo
34 GEM_USP_SST	Processing	23/03/2004 13:05:29	6	Angela	<input type="checkbox"/>	Adjust integration/compo
35 LC PQ	Processing	20/04/2003 12:08:59	1		<input type="checkbox"/>	PQ processing method
36 SERTRALINE_SST	Processing	20/04/2003 16:52:38	8	AlexL	<input type="checkbox"/>	
37 acv_Assay_Dil	Report	21/04/2003 15:08:20	4	AlexL	<input type="checkbox"/>	Add information
38 ACV_Assay_Smn	Report	21/04/2003 15:27:31	8	AlexL	<input type="checkbox"/>	Add information

For Help, press F1 131 Selected

## The Methods View

**Methods**

- Method Set
- Method Set
- Method Set
- Method Set
- Method Set

↓

**Sample Set**

Method

**The Method-Set**

Instrument Method: GEM\_USP\_IMP\_STD\_401042

Default Processing Method: GEM\_BP\_IMPURITY

Default Report Method: ASSAY

Channel Name	Processing Method	Rep
1 486	GEM_BP_IMPURITY	ASSAY

Export Method: \_\_\_\_\_

**Methods**

- Method Set
- Method Set
- Method Set
- Method Set
- Method Set

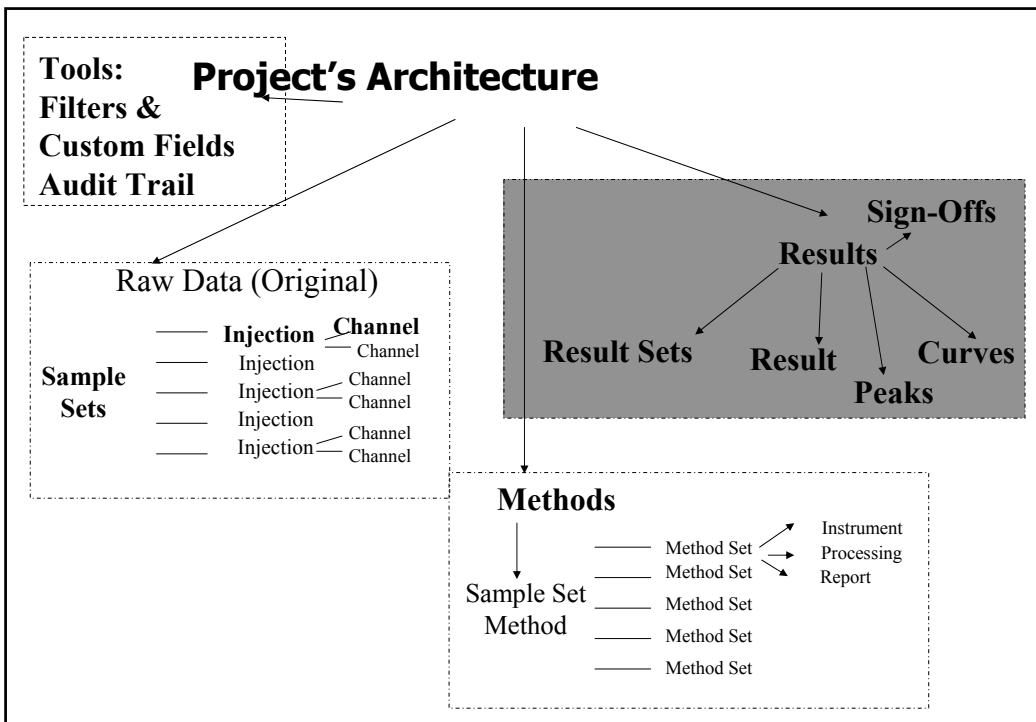
↓

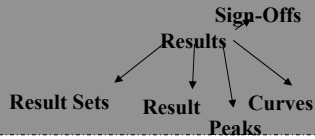
**Sample Set**

Method

**The Sample Set Method**

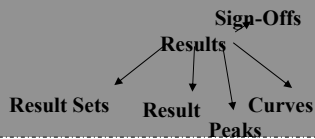
Sample Name	In Vol (uL)	# of Tubs	Function	Method Set / Report Method
1 1 SST	100.0	5	Inject Samples	GEM_USP_SYS_SUIT_401042
2			Purge In	GEM_USP_IMP_GRADIENT_401042
3			Equilibrate	GEM_USP_IMP_GRADIENT_401042
4 2 DLUENT	100.0	2	Inject Samples	GEM_USP_IMP_GRADIENT_401042
5 3 STD-1 Impurity	100.0	3	Inject Standards	GEM_USP_IMP_STD_401042
6 4 STD-2 Impurity	100.0	3	Inject Standards	GEM_USP_IMP_STD_401042
7 5 248914004 1	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
8 6 248914004 2	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
9 7 248915004 1	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
10 8 248915004 2	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
11 9 248915104 1	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
12 10 248915104 2	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
13 2 DLUENT	100.0	1	Inject Samples	GEM_USP_IMP_STD_401042
14 3 STD 1 CONTROL	100.0	1	Inject Samples	GEM_USP_IMP_STD_401042
15 11 248915201 1	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042
16 12 248915201 2	100.0	1	Inject Samples	GEM_USP_IMP_GRADIENT_401042





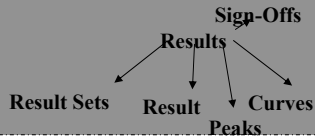
## Results Views The *Results-Set* View

Result Set Name	Result Set Date	Sample Set Name	Sample Set Start Date	Sample Set Method	System Name	System Comments
GEM_STB_401007	18/07/2004 12:09:15	GEM_STB_401007	23/01/2004 12:38:03	GEM_STB_401007	401007	HPLC



## Results Views The *Results* View

Sample Name	Vial	Injection	Sample Type	Channel	Processed Channel Descr.	Date Acquired	Date Proc
1 STD. IMP. 1	3	1	Standard	SATIN	GEM_STB_SST	20/04/2003 21:23:47	21/04/2003
2 STD. IMP. 1	3	2	Standard	SATIN	GEM_STB_SST	20/04/2003 21:39:33	21/04/2003
3 STD. IMP. 1	3	3	Standard	SATIN	GEM_STB_SST	20/04/2003 21:55:18	21/04/2003
4 STD. IMP. 1	3	4	Standard	SATIN	GEM_STB_SST	20/04/2003 22:11:01	21/04/2003
5 STD. IMP. 1	3	5	Standard	SATIN	GEM_STB_SST	20/04/2003 22:26:46	21/04/2003
6 SST	1	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 10:25:50	21/04/2003
7 DIL	2	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 10:41:33	21/04/2003
8 STD1 ASSAY	16	1	Standard	SATIN	GEM_STB_SST	21/04/2003 10:57:15	21/04/2003
9 STD1 ASSAY	16	2	Standard	SATIN	GEM_STB_SST	21/04/2003 11:12:59	21/04/2003
10 STD1 ASSAY	16	3	Standard	SATIN	GEM_STB_SST	21/04/2003 11:28:41	21/04/2003
11 STD2 ASSAY	17	1	Standard	SATIN	GEM_STB_SST	21/04/2003 11:44:24	21/04/2003
12 STD2 ASSAY	17	2	Standard	SATIN	GEM_STB_SST	21/04/2003 12:00:07	21/04/2003
13 STD2 ASSAY	17	3	Standard	SATIN	GEM_STB_SST	21/04/2003 12:15:50	21/04/2003
14 248914402/40C/3M - 1	18	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 12:31:33	21/04/2003
15 248914402/40C/3M - 2	19	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 12:47:15	21/04/2003
16 248914502/40C/3M - 1	20	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 13:02:58	21/04/2003
17 248914502/40C/3M - 2	21	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 13:18:43	21/04/2003
18 248914602/40C/3M - 1	22	1	Unknown	SATIN	GEM_STB_SST	21/04/2003 13:34:26	21/04/2003



## Results Views The Results-Set View

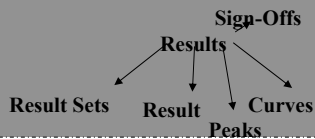
GEMFIBROZIL as shula/Shula\_Demo - Project תוצאות בתפוזרת לפי פיקים

File Edit View Tools Database Help

Filter By: All Named Peaks by Name Edit View Update

SampleName	Name	Amount	Retention Time (min)	Area (µV*sec)	% Area	Height (µV)	Peak Type	Vial	Injection
1	STD-1 FOR CONTROL	400.074	3.481	2812569	99.77	391744	Found	3	1 19
2	2489ST13-RE-5992/2-2	97.966	3.481	2722089	99.32	379693	Found	6	1 19
3	2489ST13-RE-5992/2-2	98.630	3.481	2740517	99.24	379619	Found	6	1 19
4	2489ST13-RE-5992/2-1	98.858	3.480	2668742	99.32	371831	Found	5	1 19
5	2489ST13-RE-5992/2-1	99.443	3.480	2684527	99.25	371949	Found	5	1 19
6	STANDARD-2	19.790	3.478	2748763	99.76	381140	Found	4	3 19
7	STANDARD-2	19.790	3.483	2743194	99.78	383125	Found	4	2 19
8	STANDARD-2	19.790	3.481	2743919	99.77	382628	Found	4	1 19
9	STANDARD-1	20.270	3.480	2819860	99.76	391793	Found	3	3 19
10	STANDARD-1	20.270	3.478	2798807	99.76	389128	Found	3	2 19
11	STANDARD-1	20.270	3.480	2808820	99.78	391368	Found	3	1 19
12	SST	5 XYL	3.979	463600	35.78	64480	Found	1	1 23
13	SST	5 XYL	4.017	4565414	35.44	463785	Found	1	1 21
14	SST	5 XYL	3.782	417809	36.22	62062	Found	1	1 20
15	SST	5 XYL	3.813	3952977	35.80	443137	Found	1	1 19
16	SST	5 XYL	3.714	419925	36.28	62797	Found	1	1 20
17	SST	5 XYL	3.765	4006079	35.90	443987	Found	1	1 19
18	SST	5 XYL	3.852	4816697	35.99	525392	Found	1	1 24

For Help, press F1 840 Selected



## Results Views The Results-Set View

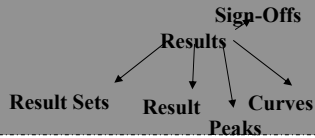
GEMFIBROZIL as shula/Shula\_Demo - Project תוצאות בתפוזרת לפי חתימה אלקטרונית

File Edit View Tools Database Help

Filter By: All Edit View Update

SampleName	Vial	Injection	Result Id	Processing Method	Sign Off Date	Sign Off Method Name	Sign Off Full Name	Acq M	
1	STD. IMP. 1	3	5	1211	1037	18/07/2004 12:23:15	Signoff	Dr. Shulamit Levin (shulademo)	Gemfibrozil_S
2	STD. IMP. 1	3	5	1211	1037	18/07/2004 12:23:13	Signoff	Dr. Shulamit Levin (shula)	Gemfibrozil_S

For Help, press F1 2 Selected



## Results Views The Results-Set View

תוצאות בתפוזרת לפי עקומות כיוול - חישוב כמותי

GEMFIBROZIL as shula/Shula - Demo - Project

Filter By: All Curves by Date Calibrated

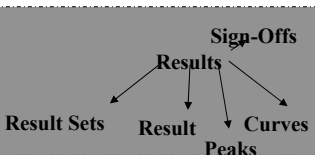
Sample Sets | Injections | Channels | Methods | Result Sets | Results | Peaks | Sign Offs | Curves | View Filters | Custom Fields | Audit Trails

Calibration Curves | Molecular Weight Distributions | LS Calibration

	Date Calibrated	Processing Method	Name	Channel	R	R <sup>2</sup>	Fit Type	Calibra
1	18/07/2004 12:09:53	Gemfibrozil_STB_Assay_401007	GEMFIBROZIL	SATIN	0.000000	0.000000	Linear thru Zero	LC
2	18/07/2004 12:09:46	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	SATIN	1.000000	1.000000	Linear thru Zero	LC
3	18/07/2004 12:09:42	Gemfibrozil_STB_Assay_401007	GEMFIBROZIL	SATIN	0.000000	0.000000	Linear thru Zero	LC
4	18/07/2004 12:09:36	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	SATIN	1.000000	1.000000	Linear thru Zero	LC
5	18/07/2004 12:09:31	Gemfibrozil_STB_Assay_401007	GEMFIBROZIL	SATIN	0.640987	0.410864	Linear thru Zero	LC
6	18/07/2004 12:09:25	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	SATIN	1.000000	1.000000	Linear thru Zero	LC
7	18/07/2004 12:09:23	Gemfibrozil_STB_Assay_401007	GEMFIBROZIL	SATIN	0.640987	0.410864	Linear thru Zero	LC
8	23/06/2004 10:12:01	GEM_STB_ASSAY	GEM	486	0.935930	0.875966	Linear thru Zero	LC
9	22/06/2004 10:03:03	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	486	1.000000	1.000000	Linear thru Zero	LC
10	20/05/2004 13:46:41	Gemfibrozil_STB_impur_401007	GEMFIBROZIL	SATIN	1.000000	1.000000	Linear thru Zero	LC
11	20/05/2004 13:15:16	GEM_STB_ASSAY	GEM	SATIN	0.000000	0.000000	Linear thru Zero	LC
12	20/05/2004 8:47:59	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	SATIN	1.000000	1.000000	Linear thru Zero	LC
13	19/05/2004 8:47:04	2,4-Gem BP ASSAY	2,4-Gemfibrozil	SATIN	0.980072	0.960541	Linear thru Zero	LC
14	20/04/2004 8:55:01	Gemfibrozil_STB_Assay_401007	GEMFIBROZIL	SATIN	0.938071	0.879976	Linear thru Zero	LC
15	20/04/2004 8:53:56	Gemfibrozil_STB_Assay_401007	GEMFIBROZIL	SATIN	0.938071	0.879976	Linear thru Zero	LC
16	19/04/2004 14:58:53	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	SATIN	1.000000	1.000000	Linear thru Zero	LC
17	24/03/2004 8:59:20	Gemfibrozil_STB_imp_401007	GEMFIBROZIL	2487 Channel 1	1.000000	1.000000	Linear thru Zero	LC

For Help, press F1

36 Selected



## Results Views The Results-Set View

תוצאות בתפוזרת לפי עקומות כיוול  
(GPC) חישוב פיצור משקל מולקולרי

GPC\_Default as System/Administrator - Project

Filter By: Default

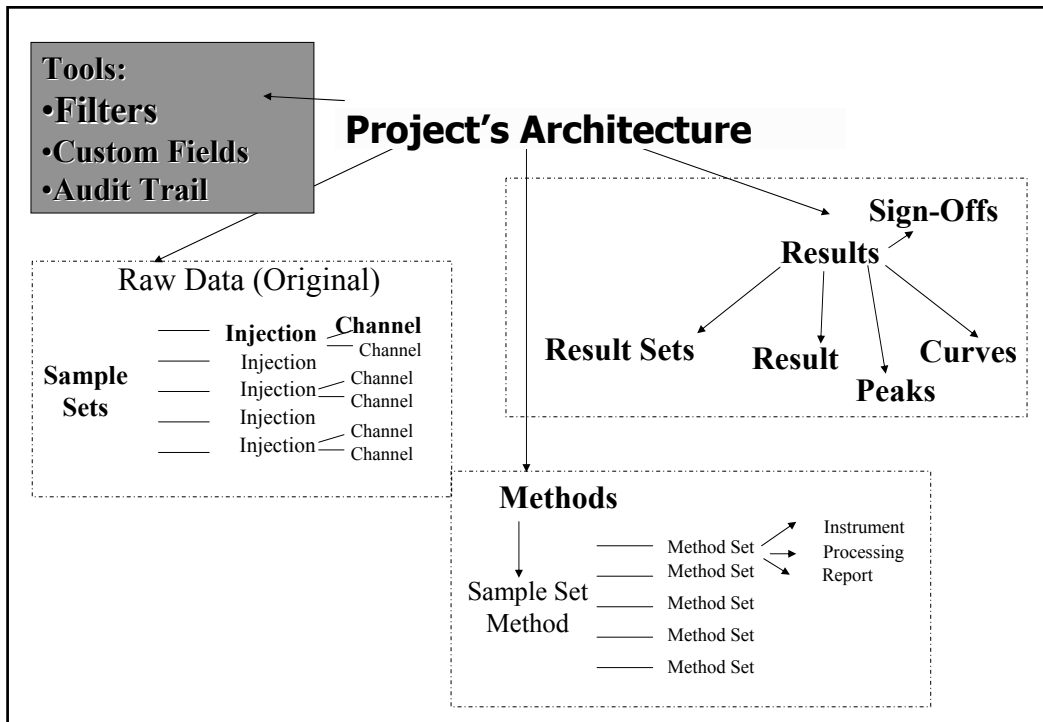
Sample Sets | Injections | Channels | Methods | Result Sets | Results | Peaks | Sign Offs | Curves | New Filters | Custom Fields

Calibration Curves | Molecular Weight Distributions | LS Calibration

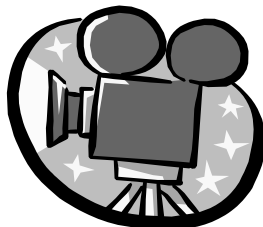
	SampleName	Dist Name	Vial	Injection	Date Processed	Date Acquired	Mn (Daltons)	Mw (Daltons)	Mz (Daltons)	Mz+1 (Daltons)	Polydispersity	Processing Meth
1	Broad PS	shula1	4	1	12/04/2000 15:46:17	23/09/1997 21:03:14	102123	239068	444916	720872	2.340983	GPC Default
2	Broad PS		4	1	29/03/2000 14:05:06	23/09/1997 21:03:14	178140	268810	385134	508132	1.508980	gpc new
3	Broad PS		4	2	29/03/2000 14:05:06	23/09/1997 21:49:51	178186	269091	385468	508131	1.510173	gpc new
4	Broad PS		4	1	29/03/2000 14:01:00	23/09/1997 21:03:14	137483	250055	388988	535526	1.818810	gpc new
5	Broad PS		4	1	29/03/2000 13:56:40	23/09/1997 21:03:14	122745	246451	390828	541956	2.007822	gpc new
6	Broad PS		4	1	29/03/2000 13:25:28	23/09/1997 21:03:14	122745	246451	390828	541956	2.007822	gpc new
7	Broad PS		4	2	29/03/2000 13:25:28	23/09/1997 21:49:51	125096	247416	391588	542985	1.977817	gpc new
8	Broad PS		4	1	29/03/2000 13:22:16	23/09/1997 21:03:14	122745	246451	390828	541956	2.007822	gpc new
9	Broad PS		4	3	29/03/2000 13:17:38	23/09/1997 22:36:27	132954	251598	388023	530137	1.892367	gpc new
10	Broad PS		4	5	01/02/2000 12:18:40	24/09/1997 0:09:40	100547	242814	507233	1120481	2.414938	GPC Default
11	Broad PS		4	2	01/02/2000 12:18:40	23/09/1997 21:49:51	105597	240137	444409	716920	2.274088	GPC Default

For Help, press F1

19 Selected



## Using the View Fileter



# Using View Filters to Select Data

GEMFIBROZIL as shula/Shula\_Demo - Project

Filter By: All Sets by Date (Detailed) Edit View Update

Sample Set Name	Sample Set Start Date	Sample Set Finish Date	Sample Set Method	System Name	System Comments	Sample Set Id
1 GEM_BP_401007	18/05/2004 19:20:19	18/05/2004 21:24:12	GEM_BP_401007	401007	HPLC	5428
2 GEM_BP_401007	18/05/2004 17:31:00		GEM_BP_401007	401007	HPLC	5402
3 GEM_STB_401007	19/05/2004 12:12:40	20/05/2004 5:21:08	GEM_STB_401007	401007	HPLC	5494
4 GEM_STB_401007	19/04/2004 8:38:27	20/04/2004 5:12:53	GEM_STB_401007	401007	HPLC	5101
5 GEM_STB_401007	18/02/2004 12:43:46	19/02/2004 5:29:02	GEM_STB_401007	401007	HPLC	3701
6 GEM_STB_401007	23/01/2004 12:38:03	24/01/2004 1:09:19	GEM_STB_401007	401007	HPLC	3263
7 GEM_STB_401007_ass	20/05/2004 9:37:48	20/05/2004 13:13:39	GEM_STB_401007_ass	401007	HPLC	5723
8 GEM_STB_071003_401007	20/05/2004 13:22:25	20/05/2004 13:39:33	GEM_STB_071003_401007	401007	HPLC	5820
9 GEM_STB_071003_401007	07/10/2003 11:15:16	08/10/2003 1:31:16	GEM_STB_071003_401007	401007	HPLC	2704
10 GEM_STB_111103_401007	11/11/2003 14:08:58	11/11/2003 23:04:56	GEM_STB_111103_401007	401007	HPLC	2996
11 GEM_STB_111103_401007	11/11/2003 13:38:28		GEM_STB_111103_401007	401007	HPLC	2982
12 GEM_STB_120803_401007	12/11/2003 11:25:40	12/11/2003 16:27:29	GEM_STB_120803_401007	401007	HPLC	3106
13 GEM_STB_120803_401007	12/08/2003 12:37:40		GEM_STB_120803_401007	401007	HPLC	1700
14 GEM_STB_120803_401007	12/08/2003 11:59:23		GEM_STB_120803_401007	401007	HPLC	1623
15 GEM_STB_200403	20/04/2003 19:25:43	21/04/2003 16:11:11	GEM_STB_200403	System 401007		1086
16 GEM_STB_200403	20/04/2003 16:27:09		GEM_STB_200403	System 401007		1062
17 GEM_STB_401039	21/03/2004 16:40:12		GEM_STB_401039	401039	HPLC	4301
18 GEM_STB_401039	21/03/2004 15:30:52		GEM_STB_401039	401039	HPLC	4292
19 GEM_STB_401039_IMP	23/03/2004 13:35:31	23/03/2004 22:03:50	GEM_STB_401039_IMP	401039	HPLC	4934
20 GEM_STB_401042	21/06/2004 14:11:30	23/06/2004 10:29:40	GEM_STB_401042	System_401042	HPLC STB	5844
21 GEM_STB_401042	23/06/2004 11:02:24	23/06/2004 12:44:58	GEM_STB_401042	System_401042	HPLC STB	6391
22 GEM_USP_401007	19/02/2004 16:46:49	20/02/2004 7:53:41	GEM_USP_401007	401007	HPLC	4021
23 GEM_USP_401007	19/02/2004 10:53:15		GEM_USP_401007	401007	HPLC	3903
24 GEM_USP_401039	22/03/2004 13:34:41	23/03/2004 12:10:39	GEM_USP_401039	401039	HPLC	4518

For Help, press F1 24 Selected

# Creating a View Filter

GEMFIBROZIL as shula/Shula\_Demo:1 - Project

Filter By: System 401007 Edit View Update

Sample Set Name	Sample Set Start Date	Sample Set Finish Date	Sample Set Method	System Name	System Comments	Sample Set Id
1 GEM_BP_401007	18/05/2004 19:20:19	18/05/2004 21:24:12	GEM_BP_401007	401007	HPLC	5428
2 GEM_BP_401007	18/05/2004 17:31:00		GEM_BP_401007	401007	HPLC	5402
3 GEM_STB_401007	19/05/2004 12:12:40	20/05/2004 5:21:08	GEM_STB_401007	401007	HPLC	5494
4 GEM_STB_401007	19/04/2004 8:38:27	20/04/2004 5:12:53	GEM_STB_401007	401007	HPLC	5101
5 GEM_STB_401007	18/02/2004 12:43:46	19/02/2004 5:29:02	GEM_STB_401007	401007	HPLC	3701

System 401007 in GEMFIBROZIL as shula/Shula\_Demo - View Filter Editor

Type: Sample Sets

Sample Set Name (Ascend)	Sample Set Start Date (Descend)	Sample Set Finish Date ( )	Sample Set Method ( )	System Name ( )	System Comments ( )	Sample Set ( )
1				=401007		

Field Names

- Acquisition Server
- Sample Set Altered
- Sample Set Finish Date
- Sample Set Id
- Sample Set Method
- Sample Set Name
- Sample Set Start Date
- System Comments
- System Create Date
- System Name

For Help, press F1

# Using View Filters

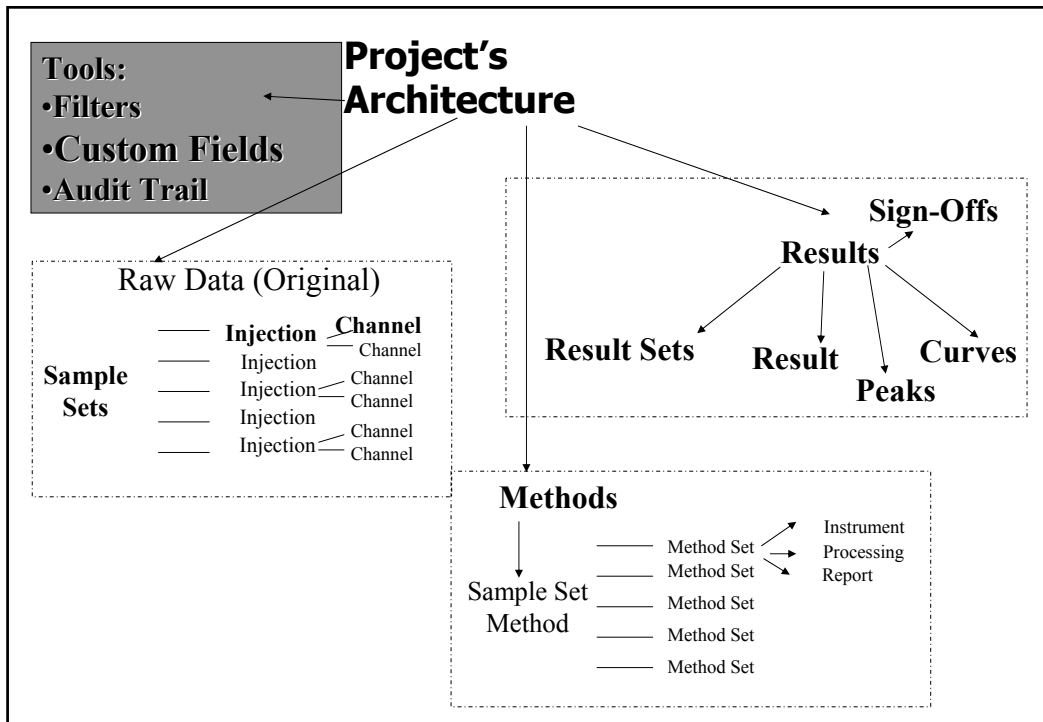
The screenshot shows the 'View Filters' window in the GEMFIBROZIL software. The 'Filter By' dropdown is set to 'System 401007'. The table below lists 16 sample sets, all of which are filtered because they belong to system 401007.

Sample Set Name	Sample Set Start Date	Sample Set Finish Date	Sample Set Method	System Name	System Comments
1 GEM_BP_401007	18/05/2004 19:20:19	18/05/2004 21:24:12	GEM_BP_401007	401007	HPLC
2 GEM_BP_401007	18/05/2004 17:31:00		GEM_BP_401007	401007	HPLC
3 GEM_STB_401007	19/05/2004 12:12:40	20/05/2004 5:21:08	GEM_STB_401007	401007	HPLC
4 GEM_STB_401007	19/04/2004 8:38:27	20/04/2004 5:12:53	GEM_STB_401007	401007	HPLC
5 GEM_STB_401007	18/02/2004 12:43:46	19/02/2004 5:29:02	GEM_STB_401007	401007	HPLC
6 GEM_STB_401007	23/01/2004 12:38:03	24/01/2004 1:09:19	GEM_STB_401007	401007	HPLC
7 GEM_STB_401007_ass	20/05/2004 9:37:48	20/05/2004 13:13:39	GEM_STB_401007_ass	401007	HPLC
8 GEM_STB_071003_401007	20/05/2004 13:22:25	20/05/2004 13:39:33	GEM_STB_071003_401007	401007	HPLC
9 GEM_STB_071003_401007	07/10/2003 11:15:16	08/10/2003 1:31:16	GEM_STB_071003_401007	401007	HPLC
10 GEM_STB_111103_401007	11/11/2003 14:08:58	11/11/2003 23:04:56	GEM_STB_111103_401007	401007	HPLC
11 GEM_STB_111103_401007	11/11/2003 13:38:28		GEM_STB_111103_401007	401007	HPLC
12 GEM_STB_120803_401007	12/11/2003 11:25:40	12/11/2003 16:27:29	GEM_STB_120803_401007	401007	HPLC
13 GEM_STB_120803_401007	12/08/2003 12:37:40		GEM_STB_120803_401007	401007	HPLC
14 GEM_STB_120803_401007	12/08/2003 11:59:23		GEM_STB_120803_401007	401007	HPLC
15 GEM_USP_401007	19/02/2004 16:46:49	20/02/2004 7:53:41	GEM_USP_401007	401007	HPLC
16 GEM_USP_401007	19/02/2004 10:53:15		GEM_USP_401007	401007	HPLC

# The View-Filters Window

The screenshot shows the 'View Filters' window in the GEMFIBROZIL software. The 'Filter By' dropdown is set to 'All View Filters by Type'. The table below lists 25 filters, each with columns for Name, Type, Access, Filter User, and checkboxes for 'Print' and 'QuickStart'.

Name	Type	Access	Filter User	Print	QuickStart
1 All Channels by Date	Channels	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2 All Channels by Date(Detailed)	Channels	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 Past Two Days	Channels	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4 Past Week	Channels	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5 Select Sample Name	Channels	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6 Today	Channels	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7 All Methods by Type	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8 Export	Methods	public	System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9 Instrument	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 Method Set	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11 Methods by Date (Detailed)	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12 Methods by Type (Detailed)	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13 Processing	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14 Report	Methods	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15 Sample Set	Methods	public	System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16 SampleSet Template	Methods	public	System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17 All by Date Acq. (Detailed)	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18 All by Date Proc. (Detailed)	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19 All Results by Date Acq.	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20 All Results by Date Proc.	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21 Latest Result for Each Channel	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22 Processed Past two days	Results	public	Angela	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
23 Processed This Week	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24 Processed Today	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
25 Select Sample Name	Results	public		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## Custom Fields Window

GEMFIBROZIL as shula/Shula\_Demo - Project

File Edit View Tools Database Help

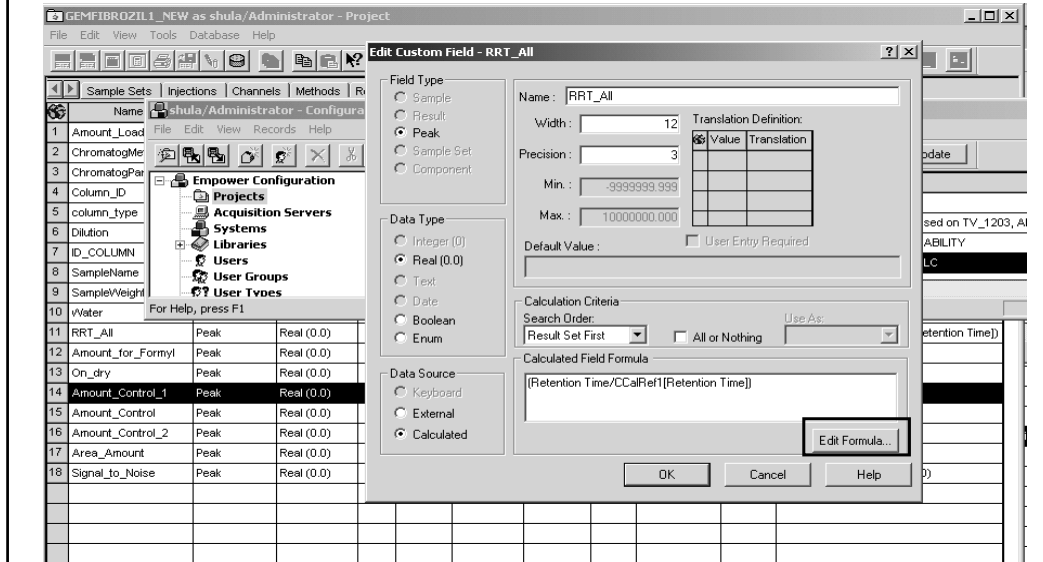
Filter By: Default Edit View Update

Name	Field Type	Type	Width	Precision	Minimum	Maximum	Default	Source	Required	Formula
1 Column_ID	Sample	Text	79	0	-32768	32768		Keyboard	<input type="checkbox"/>	
2 column_type	Sample	Text	79	0	-32768	32767		Keyboard	<input type="checkbox"/>	
3 Dilution	Sample	Real (0.0)	11	5	0	100000	1.0	Keyboard	<input type="checkbox"/>	
4 ID_COLUMN	Sample	Text	79	0	0	0		Keyboard	<input type="checkbox"/>	
5 Amount_Loaded	Sample	Real (0.0)	12	6	-10000000	10000000		Keyboard	<input type="checkbox"/>	
6 ChromatogMethod	Sample	Text	50	0	-32768	32767		Keyboard	<input type="checkbox"/>	
7 ChromatogParameters	Sample	Text	51	0	-32768	32767		Keyboard	<input type="checkbox"/>	
8 SampleName	Sample	Text	32	0	-32768	32767	Unk.	Keyboard	<input checked="" type="checkbox"/>	
9 Sample/Weight	Sample	Real (0.0)	11	5	0	100000	1.0	Keyboard	<input type="checkbox"/>	
10 WWater	Sample	Real (0.0)	12	2	0	10000000		Keyboard	<input checked="" type="checkbox"/>	
11 Area_Amount	Peak	Real (0.0)	12	4	-10000000	10000000		Calculated	<input type="checkbox"/>	Area/Amount
12 On_dry	Peak	Real (0.0)	12	3	-10000000	10000000		Calculated	<input type="checkbox"/>	Amount/(100-Water)*100
13 On_dry_basis	Peak	Real (0.0)	12	3	-10000000	10000000		Calculated	<input type="checkbox"/>	Amount/(100-Water)*100
14 RRT_All	Peak	Real (0.0)	12	3	-10000000	10000000		Calculated	<input type="checkbox"/>	(Retention Time/Cc*Ref1[Retention Time])
15 Amount_Control_1	Peak	Real (0.0)	12	3	-10000000	10000000		Calculated	<input type="checkbox"/>	Amount*CCConst1
16 Amount_Control_2	Peak	Real (0.0)	12	3	-10000000	10000000		Calculated	<input type="checkbox"/>	Amount*CCConst2
17 Amount_for_Formy	Peak	Real (0.0)	12	3	-10000000	10000000		Calculated	<input type="checkbox"/>	Amount*CCConst1

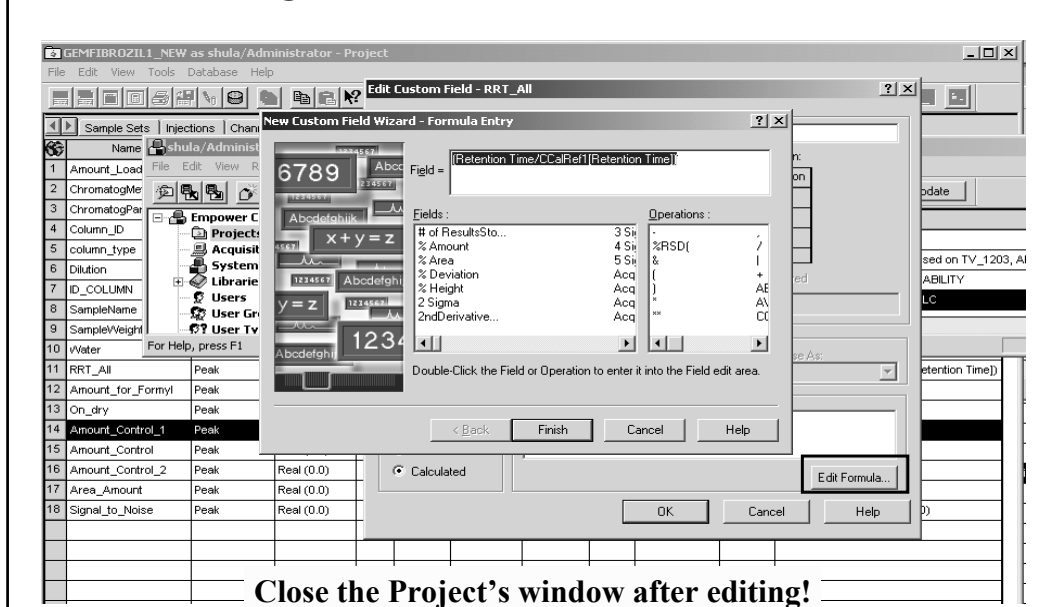
For Help, press F1 17 Selected

# Editing Custom Fields

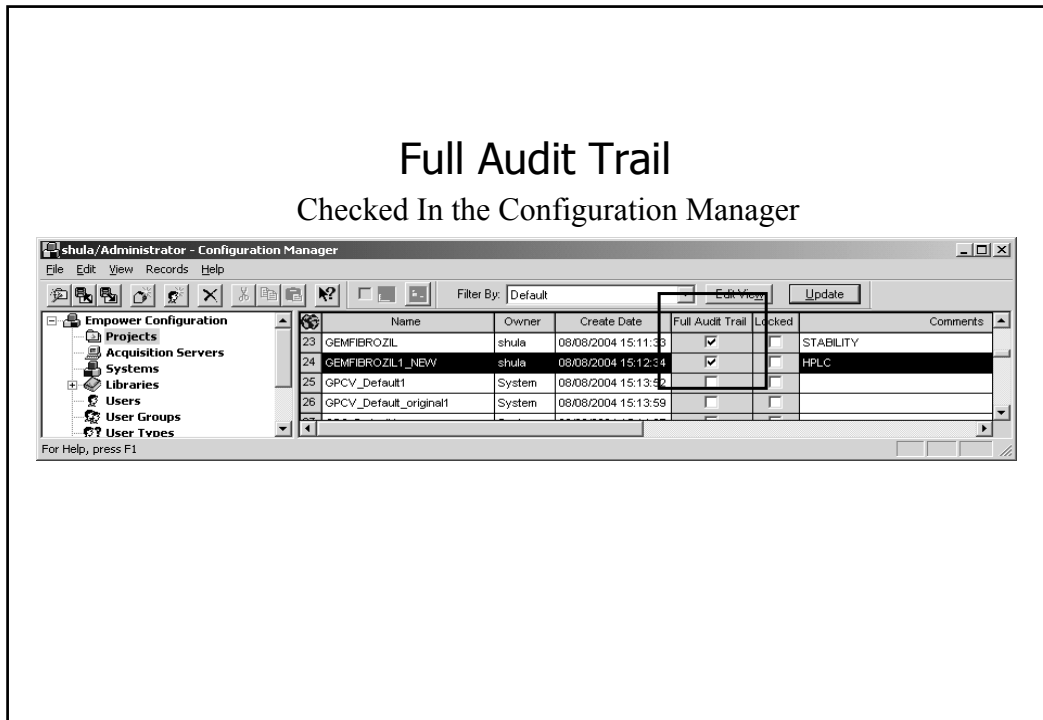
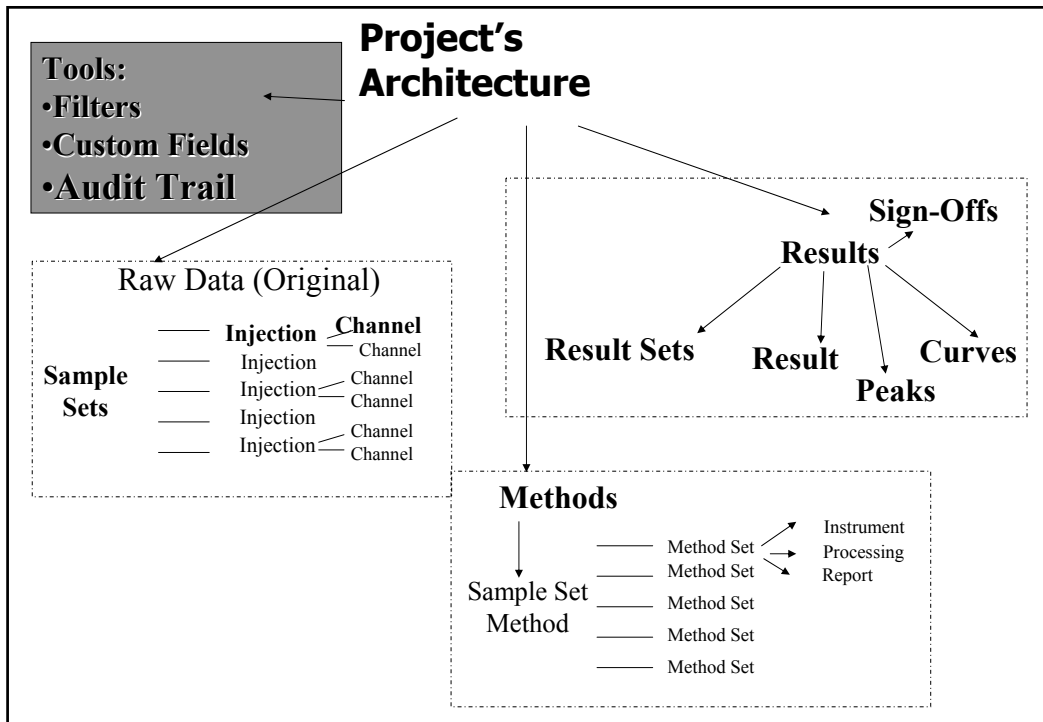
Select the custom field and open it:



# Editing Custom Fields



Close the Project's window after editing!



## Full Audit Trail View

Action	Details	Change Date	User
1 Modified Method	Method: Oprocessing Type: Processing Version: 2	17/08/2004 16:12:52	System
2 Altered Sample	Sample Name: MIX STD 1 Vial: 2 Vial ID: 6312 Sample Set: GEM_IMP_USP_LARISA Sample Set ID: 5001	17/08/2004 17:46:07	System
3 Altered Sample	Sample Name: MIX STD 1 Vial: 2 Vial ID: 6313 Sample Set: GEM_IMP_USP_LARISA Sample Set ID: 5001	17/08/2004 17:46:07	System
4 Altered Sample	Sample Name: MIX STD 1 Vial: 3 Vial ID: 6314 Sample Set: GEM_IMP_USP_LARISA Sample Set ID: 5001	17/08/2004 17:46:07	System
5 Altered Sample	Sample Name: MIX STD 2 Vial: 3 Vial ID: 6315 Sample Set: GEM_IMP_USP_LARISA Sample Set ID: 5001	17/08/2004 17:46:07	System
6 Altered Sample	Sample Name: MIX STD 2 Vial: 3 Vial ID: 6316 Sample Set: GEM_IMP_USP_LARISA Sample Set ID: 5001	17/08/2004 17:46:07	System
7 Altered Sample	Sample Name: MIX STD 2 Vial: 3 Vial ID: 6317 Sample Set: GEM_IMP_USP_LARISA Sample Set ID: 5001	17/08/2004 17:46:07	System
8 Modified Method	Method: GEM_USP_IMPURITY PAG Type: Processing Version: 5	17/08/2004 17:44:56	System
9 Created Method	Method: Oprocessing Type: Processing Version: 1	17/08/2004 17:27:29	System
10 Copied Custom Field	Custom Field: Signal_to_Noise From Project: GEMFIBROZIL Original ID: 115 Reason: new	17/08/2004 17:17:01	System
11 Modified Database	Successfully updated database to version 5.00.00.00	08/08/2004 15:13:49	System
12 Disconnected from System	401039	27/06/2004 11:51:47	Luba
13 Connected to System	401039	27/06/2004 11:51:42	Luba
14 Disconnected from System	401039	27/06/2004 11:51:35	Luba
15 Connected to System	401039	27/06/2004 11:51:13	Luba
16 Modified Method	Method: GEM_USP_IMP STD 401042 Type: Instrument Version: 6	17/06/2004 17:09:30	Aviram
17 Modified Method	Method: GEM_USP_IMP GRADIENT 401042 Type: Instrument Version: 8	17/06/2004 17:09:19	Aviram
18 Modified Method	Method: GEM_USP_ASSAY 401042 Type: Instrument Version: 9	17/06/2004 17:09:08	Aviram
19 Modified Method	Method: GEM_USP_ASSAY 401042 Type: Instrument Version: 8	17/06/2004 17:09:06	Aviram
20 Created Result	Sample Name: DILUENT Vial: 2 Injection No.: 2 Channel: 486 Method: GEM_USP_IMPURITY Result ID: 6289	17/06/2004 17:05:16	Aviram
21 Created Result	Sample Name: DILUENT Vial: 2 Injection No.: 1 Channel: 486 Method: GEM_USP_IMPURITY Result ID: 6288	17/06/2004 17:05:14	Aviram
22 Created Result	Sample Name: STD 1 CONTROL Vial: 3 Injection No.: 1 Channel: 486 Method: GEM_USP_IMPURITY Result ID: 6287	17/06/2004 16:48:45	Aviram
23 Altered Sample	Sample Name: STD 1 CONTROL Vial: 3 Vial ID: 6286 Sample Set: GEM_USP_401042 Sample Set ID: 5900	17/06/2004 16:48:35	Aviram
24 Created Result	Sample Name: STD 1 CONTROL Vial: 3 Injection No.: 1 Channel: 486 Method: GEM_USP_IMPURITY Result ID: 6286	17/06/2004 16:48:14	Aviram
25 Altered Sample	Sample Name: STD 1 CONTROL Vial: 3 Vial ID: 6284 Sample Set: GEM_USP_401042 Sample Set ID: 5900	17/06/2004 16:48:08	Aviram
26 Created Result	Sample Name: STD 1 CONTROL Vial: 3 Injection No.: 1 Channel: 486 Method: GEM_USP_IMPURITY Result ID: 6285	17/06/2004 16:45:59	Aviram

## Full Audit Trail in Method Properties

Name	Type	Date	Method Version	Report Type	Locked	Method Id
1 FLOW_02	Instrument	14/05/2003 16:47:39	1		<input type="checkbox"/>	3400
2 GEM_IMP_IL	Instrument	13/11/2002 10:54:52	3		<input type="checkbox"/>	1143
3 GEM_USP_ASSAY	Instrument	25/01/2004 12:47:22	2		<input type="checkbox"/>	4432
4 GEM_USP_ASSAY 401042	Instrument	17/06/2004 17:09:08	9		<input type="checkbox"/>	6291
5 GEM_USP_IMP_GRADIENT	Instrument	25/01/2004 12:47:21	4		<input type="checkbox"/>	4424
6 GEM_USP_IMP_GRADIENT 401042	Instrument	17/06/2004 17:09:19	8		<input type="checkbox"/>	6292
7 GEM_USP_IMP STD	Instrument	25/01/2004 12:47:22	4		<input type="checkbox"/>	4428
8 GEM_USP_IMP STD 401042	Instrument		6		<input type="checkbox"/>	6293
9 GEM_USP_SST	Instrument		2		<input type="checkbox"/>	4430
10 GEM_BP	Instrument		2		<input type="checkbox"/>	1105
11 GEM_USP_ASSAY	Instrument		1		<input type="checkbox"/>	1003
12 GEM_USP_ASSAY_401038	Instrument		2		<input type="checkbox"/>	3962
13 GEM_USP_IMP_GRADIENT	Instrument		11		<input type="checkbox"/>	1106
14 GEM_USP_IMP STD	Instrument		2		<input type="checkbox"/>	1008
15 GEM_USP_SYS_SUIT	Instrument		3		<input type="checkbox"/>	1032
16 STOP	Instrument		8		<input type="checkbox"/>	3982
17 STOP_FLOW	Instrument		2		<input type="checkbox"/>	4624
18 WASH_CLOSE	Instrument		4		<input type="checkbox"/>	1081
19 WASH_INST	Instrument		48		<input type="checkbox"/>	1005
20 Oprocessing	Processing		2		<input type="checkbox"/>	6318
21 GEM_BP_IMPURITY	Processing		8		<input type="checkbox"/>	4319
22 GEM_USP_ASSAY	Processing		37		<input type="checkbox"/>	5235
23 GEM_USP_IMP	Processing		7		<input type="checkbox"/>	5937
24 GEM_USP_IMP STD	Processing		39		<input type="checkbox"/>	5933
25 GEM_USP_IMPURITY	Processing	16/06/2004 16:17:28	90		<input type="checkbox"/>	6171

## Full Audit Trail in *Method Properties*

The screenshot shows the 'Method Properties' dialog box for 'GEM USP IMPURITY'. The 'Method History' tab is active, displaying a table of method versions. Below the table are buttons for 'Differences', 'Print Methods', 'Print History', 'Save As Current', and 'Audit Trail'. An arrow points from the 'Audit Trail' button to a separate 'Audit Trail - GEM USP IMPURITY' window.

**Method History Table:**

Name	Type	Comments	Date
1 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 16:06:2004 15
2 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 16:06:2004 15
3 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:16:2004 15
4 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:16:2004 15
5 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:14:2004 15
6 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:14:2004 15
7 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:14:2004 15
8 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:14:2004 15
9 GEM USP IMPURITY	Processing	Adjust integration/components	16/06/2004 15:14:2004 15

**Audit Trail - GEM USP IMPURITY Table:**

Version	Date	Time	User	Comments
1	Version 89	6/16/2004 4:10:37 PM	User Aviram	
2	Version 88	6/16/2004 3:57:43 PM	User Aviram	
3	Version 87	6/16/2004 3:56:06 PM	User Aviram	
4	Version 86	6/16/2004 3:51:16 PM	User Aviram	
5	Version 85	6/16/2004 3:50:14 PM	User Aviram	Saved method 'GEM USP IMP' as 'GEM USP IMPURITY'.
6	Version 84	16/06/2004 15:32:57	User Aviram	

## System's Audit Trail

The screenshot shows the 'Shula/Shula\_Demo - Configuration Manager' window. The 'System Audit Trail' is expanded in the left sidebar, and the main window displays a detailed log of system events.

**System Audit Trail Table:**

Action	Details	Change Date	User	Misc	Sequence
370	Auto Removed Entries from Mes:	View: Processing			847
371	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	15/04/2004 9:47:01	System	846
372	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	29/03/2004 12:10:36	System	845
373	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	29/03/2004 10:54:11	System	844
374	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	29/03/2004 10:37:49	System	843
375	Auto Removed Entries from Mes:	View: Processing	29/03/2004 10:13:05		842
376	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	29/03/2004 10:13:02	System	841
377	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	27/03/2004 15:45:14	System	840
378	Auto Removed Entries from Mes:	View: Processing	27/03/2004 14:47:01		839
379	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	27/03/2004 14:46:59	System	838
380	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	14/03/2004 18:03:07	System	837
381	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	14/03/2004 16:32:35	System	836
382	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	14/03/2004 16:32:17	System	835
383	Modified System	Acquisition Server: Shulalaptop System: 2895_2896 Deleted Instru	14/03/2004 14:30:25	System	834
384	Change System State Successf	Acquisition Server: Shulalaptop System: 2895_2896 State: Online	14/03/2004 14:30:25	System	833
385	Created Spectra	Library: Validation soda Spectrum: Subst3 Type: PDA	14/03/2004 13:12:46	System	832
386	Created Spectra	Library: Validation soda Spectrum: Subst2 Type: PDA	14/03/2004 13:12:46	System	831
387	Created Spectra	Library: Validation soda Spectrum: Subst1 Type: PDA	14/03/2004 13:12:45	System	830
388	Created Library	Library: Validation soda Type: PDA	14/03/2004 13:12:26	System	829
389	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	14/03/2004 12:11:12	System	828
390	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	11/03/2004 11:03:29	System	827
391	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	11/03/2004 10:54:19	System	826
392	Successfully Logged Off	User: System Node: Shulalaptop Interface: Empower Pro	10/03/2004 18:37:14	System	825
393	Finished Restore Process	Project: a_Intersample_Calc	10/03/2004 18:22:43	System	824
394	Restored Project	Project: a_Intersample_Calc From Project: a_Intersample_Calc SAV	10/03/2004 18:22:39	System	823
395	Started Restore Process	Project: a_Intersample_Calc	10/03/2004 18:22:19	System	822
396	Deleted Project	Project: For_KdH	10/03/2004 18:22:02	System	821
397	Deleted Project	Project: a11	10/03/2004 18:21:29	System	820
398	Deleted Project	Project: Test_Intersample	10/03/2004 18:21:11	System	819
399	Successfully Logged On	User: System Node: Shulalaptop Interface: Empower Pro	10/03/2004 18:19:34	System	818

# Reviewing Data

## Review Multiple Channels

GEMFIBROZIL as shula/Shula\_Demo - Project

File Edit View Tools Database Help

Filter By: All Channels by Date(Detailed) Edit View Update

SampleName	Vial	Injection	Sample Type	Date Acquired	Channel	Channel Description	Acq Method Set	# of Results Stored	Channel Id
1	STD 1 CONTR ASS	22	1 Unknown	24/01/2004 0:54:06	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3388
2	248922203-2 INITIAL	21	1 Unknown	24/01/2004 0:37:23	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3377
3	248922203-1 INITIAL	20	1 Unknown	24/01/2004 0:20:39	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3374
4	248922103-2 INITIAL	19	1 Unknown	24/01/2004 0:03:57	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3371
5	248922103-1 INITIAL	18	1 Unknown	23/01/2004 23:47:14	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3368
6	248921003-2 INITIAL	17	1 Unknown	23/01/2004 23:30:32	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3365
7	248921003-1 INITIAL	16	1 Unknown	23/01/2004 23:13:47	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3362
8	STD 2 ASSAY	15	3 Standard	22:57:04	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3359
9	STD 2 ASSAY	15	2 Standard	22:40:22	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3356
10	STD 2 ASSAY	15	1 Standard	22:23:40	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3353
11	STD 1 ASSAY	14	3 Standard	22:06:57	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3350
12	STD 1 ASSAY	14	2 Standard	21:50:13	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3347
13	STD 1 ASSAY	14	1 Standard	21:33:31	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3344
14	DILUENT	13	1 Unknown	21:16:48	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3341
15	SST	1	1 Unknown	21:00:05	SATIN	276nm	Gemfibrozil_STB_Assay_401007	2	3338
16	STD 2% IMP. 1 CONTR.	12	1 Unknown	20:43:23	SATIN	276nm	Gemfibrozil_STB_Imp_401007	2	3335
17	DILUENT	11	2 Unknown	20:26:38	SATIN	276nm	Gemfibrozil_STB_Imp_401007	2	3332
18	DILUENT	11	1 Unknown	20:09:54	SATIN	276nm	Gemfibrozil_STB_Imp_401007	2	3329
19	248922203-2 INITIAL	10	1 Unknown	19:33:08	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	3337
20	248922203-1 INITIAL	9	1 Unknown	18:56:22	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	3328
21	248922103-2 INITIAL	8	1 Unknown	18:19:39	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	3325
22	248922103-1 INITIAL	7	1 Unknown	17:42:53	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	3322
23	248921003-2 INITIAL	6	1 Unknown	17:06:09	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	3319
24	248921003-1 INITIAL	5	1 Unknown	16:29:25	SATIN	276nm	Gemfibrozil_STB_Imp_401007	5	3299
25	STD 2% IMP. 1	4	2 Standard	16:12:40	SATIN	276nm	Gemfibrozil_STB_Imp_401007	3	3282

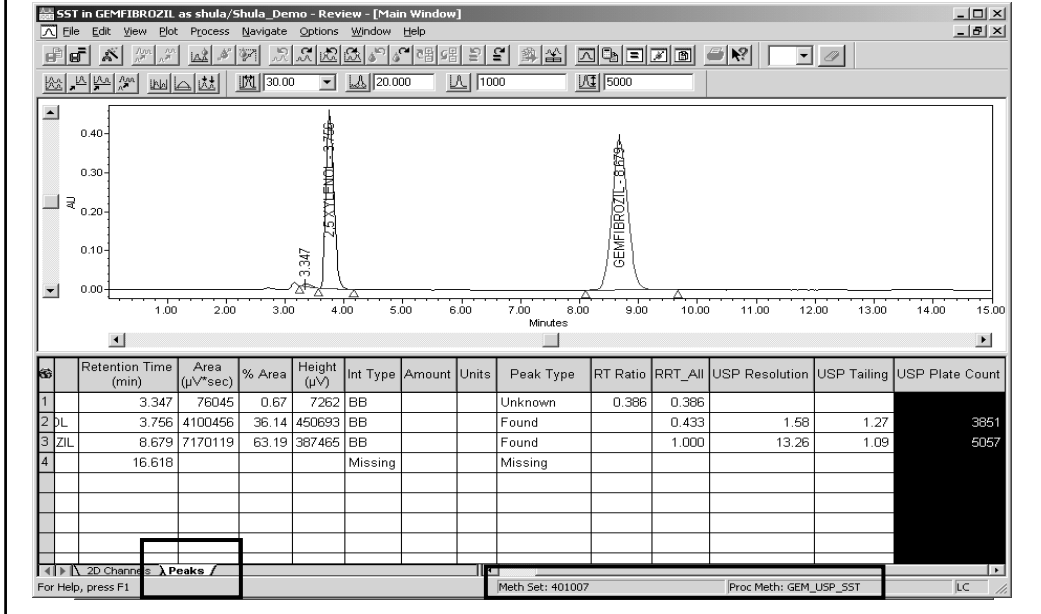
For Help, press F1

33 Selected

100% 19:15



## The results of the integration and calculation is in the "Peaks" view



## All Review's Windows

