

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052419\
 Data File : PL048917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 12:37
 Operator : SM\AJ
 Sample : K3010-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FESB-23(3-3.5)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:15:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.326	3.938	162.8E6	48475093	16.806	19.461
28)	SA Decachlor...	7.994	8.974	181.9E6	53623121	18.095	20.202
Target Compounds							
2)	A alpha-BHC	3.754	4.326	942.8E6	224.3E6	60.951	63.867
3)	MA gamma-BHC...	4.030	4.609	790.5E6	183.9E6	55.631	56.295
4)	MA Heptachlor	4.315	5.112	883.4E6	203.6E6	60.047	58.814
5)	MB Aldrin	4.554	5.415	815.1E6	181.5E6	59.493	58.613
6)	B beta-BHC	4.283	4.784	297.6E6	88138176	50.435	56.644
7)	B delta-BHC	4.478	4.998	731.5E6	174.0E6	51.808	61.536
8)	B Heptachlor...	4.990	5.802	689.6E6	170.4E6	53.521	58.438
9)	A Endosulfan I	5.321	6.157	711.9E6	164.5E6	59.175	58.179
10)	B gamma-Chl...	5.213	6.036	786.0E6	180.1E6	58.869	58.503
11)	B alpha-Chl...	5.269	6.107	773.3E6	177.6E6	59.152	57.889
12)	B 4,4'-DDE	5.436	6.267	763.4E6	155.4E6	60.182	56.296
13)	MA Dieldrin	5.560	6.413	785.9E6	173.3E6	60.360	59.087
14)	MA Endrin	5.812	6.631	696.8E6	152.9E6	57.240	58.624
15)	B Endosulfa...	6.087	6.841	565.8E6	153.0E6	49.024	56.735
16)	A 4,4'-DDD	5.947	6.758	551.6E6	133.9E6	56.666	59.681
17)	MA 4,4'-DDT	6.182	7.055	550.5E6	133.1E6	54.792	56.724
18)	B Endrin al...	6.254	6.966	533.6E6	130.5E6	54.906	55.673
19)	B Endosulfa...	6.466	7.189	566.4E6	142.3E6	52.775	54.991
20)	A Methoxychlor	6.727	7.516	281.0E6	75476166	51.618	55.287
21)	B Endrin ke...	6.947	7.658	616.5E6	154.0E6	52.897	58.957
22)	Mirex	7.122	8.107	592.2E6	160.2E6	66.070	75.980
24)	Chlordane-2	4.663	5.415f	9554721	181.5E6	18.470	1403.303 #
25)	Chlordane-3	5.213	6.036	786.0E6	180.1E6	499.211	410.993
26)	Chlordane-4	5.269	6.107	773.3E6	177.6E6	532.656	338.583 #
27)	Chlordane-5	6.087	0.000	565.8E6	0	1204.880	N.D. #

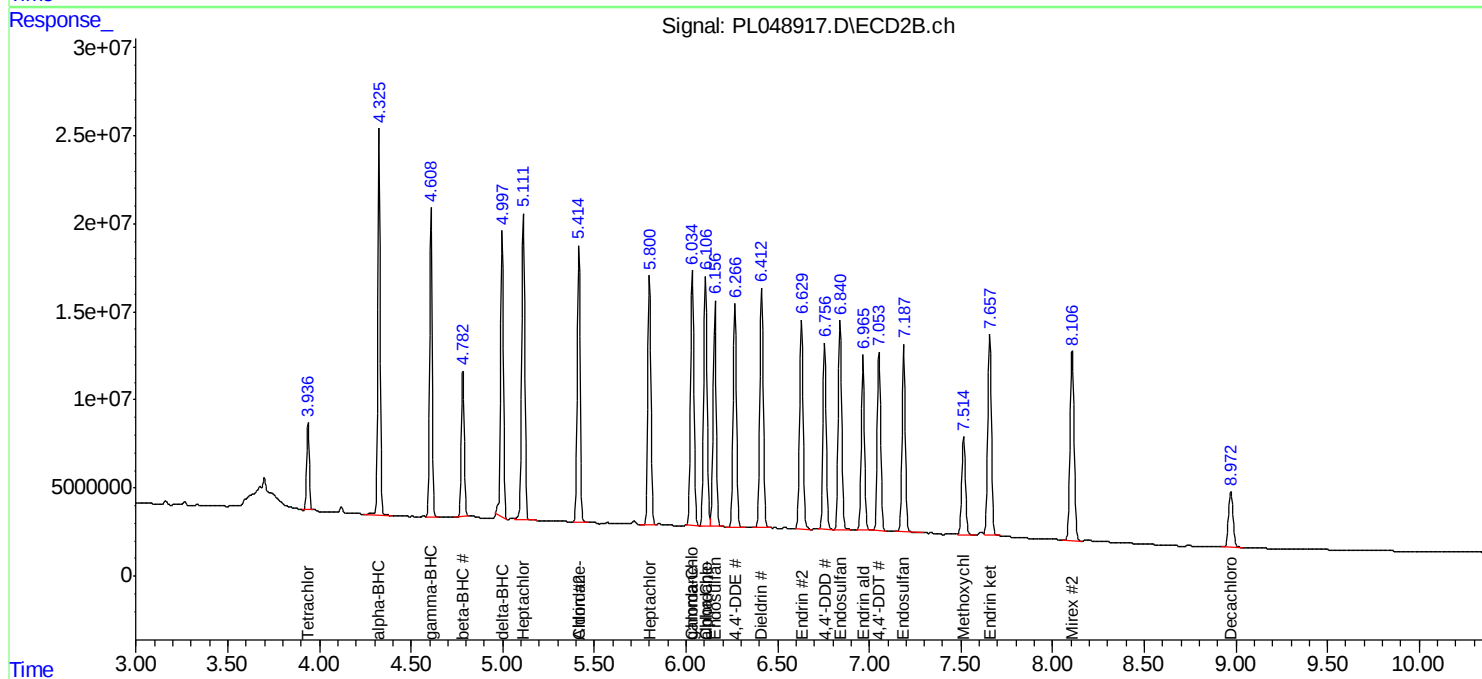
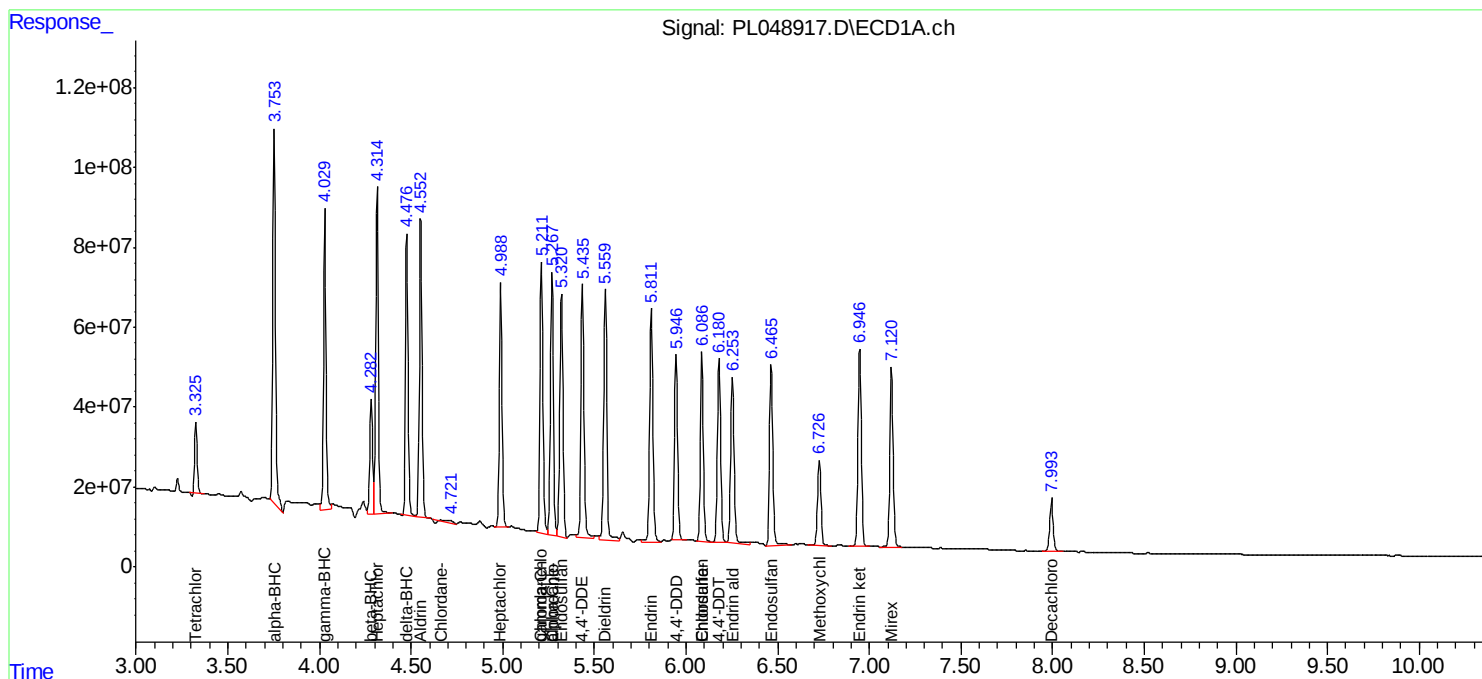
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

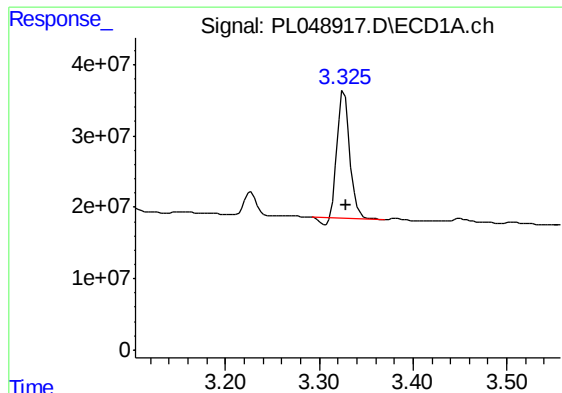
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052419\
Data File : PL048917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 12:37
Operator : SM\AJ
Sample : K3010-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 22:15:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

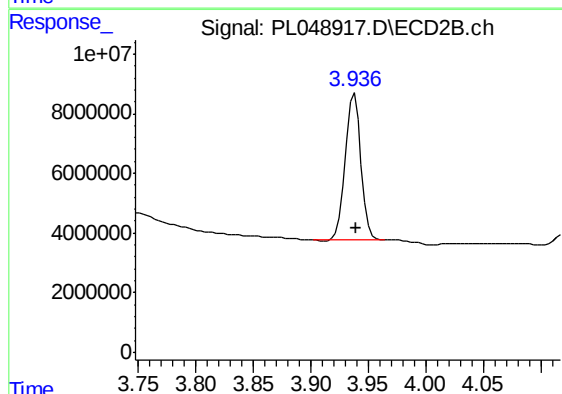




#1 Tetrachloro-m-xylene

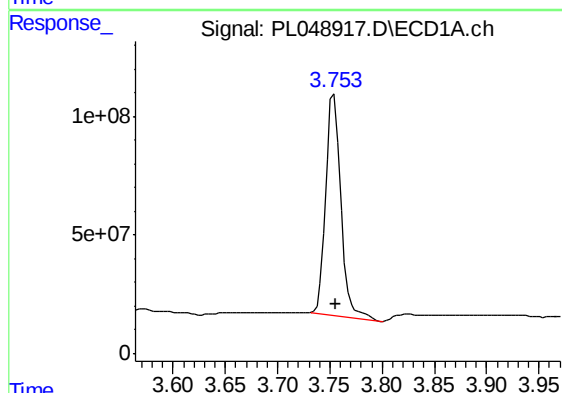
R.T.: 3.326 min
Delta R.T.: -0.002 min
Response: 162801540
Conc: 16.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



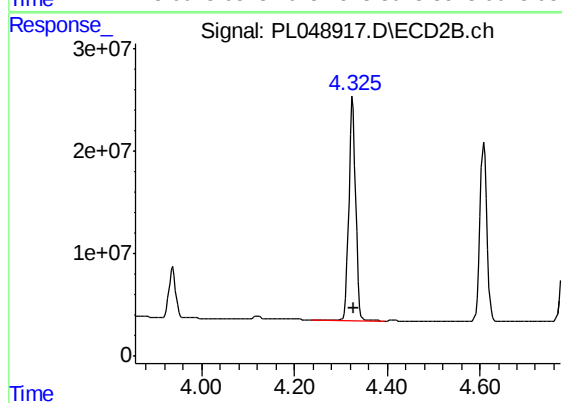
#1 Tetrachloro-m-xylene

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 48475093
Conc: 19.46 ng/ml



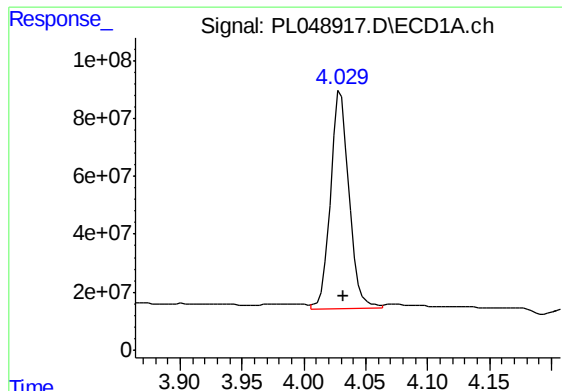
#2 alpha-BHC

R.T.: 3.754 min
Delta R.T.: -0.002 min
Response: 942751438
Conc: 60.95 ng/ml



#2 alpha-BHC

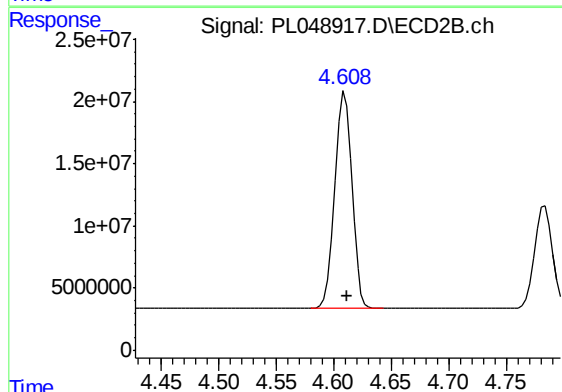
R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 224299570
Conc: 63.87 ng/ml



#3 gamma-BHC (Lindane)

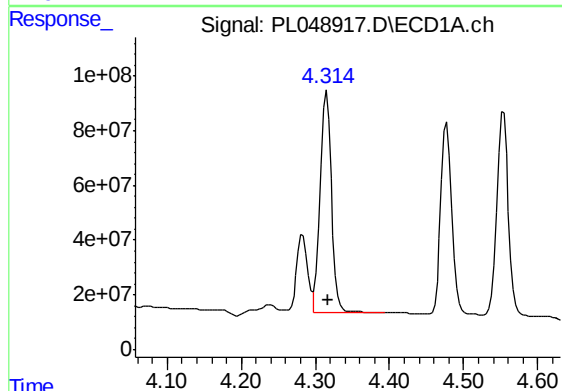
R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 790465172
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



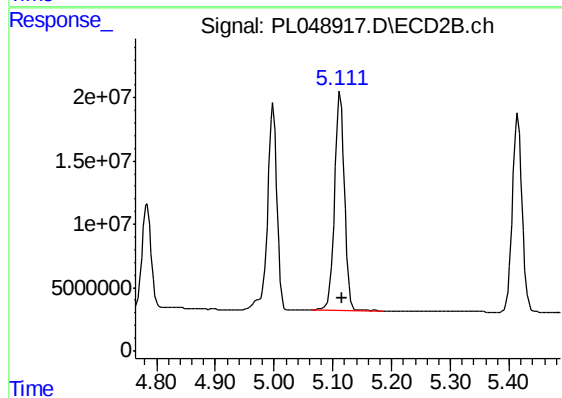
#3 gamma-BHC (Lindane)

R.T.: 4.609 min
Delta R.T.: -0.002 min
Response: 183867411
Conc: 56.29 ng/ml



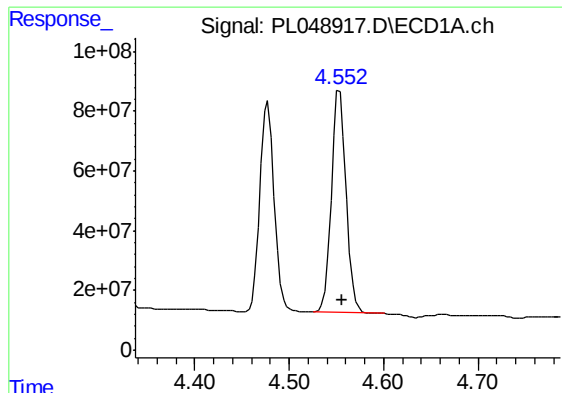
#4 Heptachlor

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 883411019
Conc: 60.05 ng/ml



#4 Heptachlor

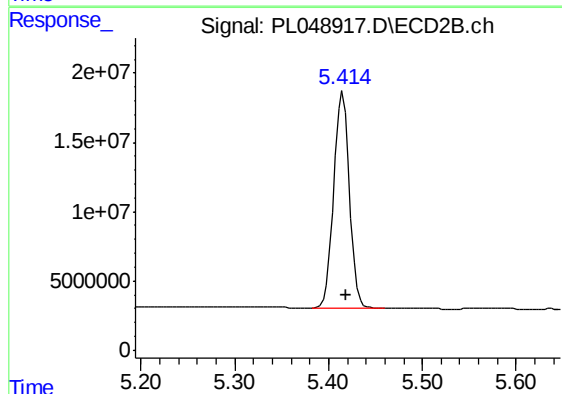
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 203602589
Conc: 58.81 ng/ml



#5 Aldrin

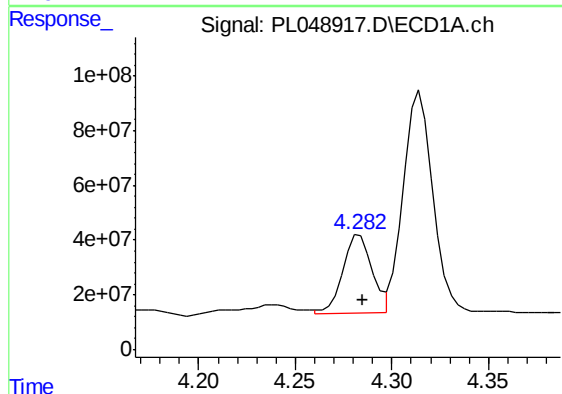
R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 815142798
Conc: 59.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



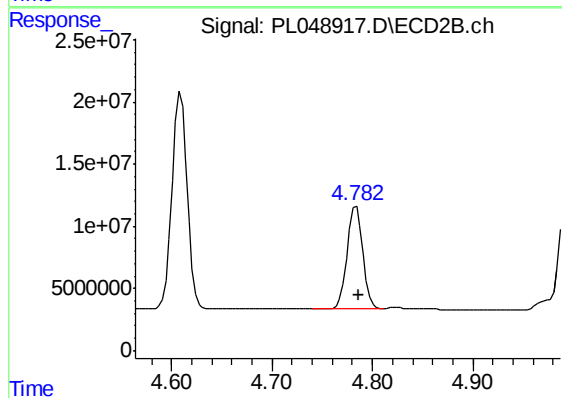
#5 Aldrin

R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 181501473
Conc: 58.61 ng/ml



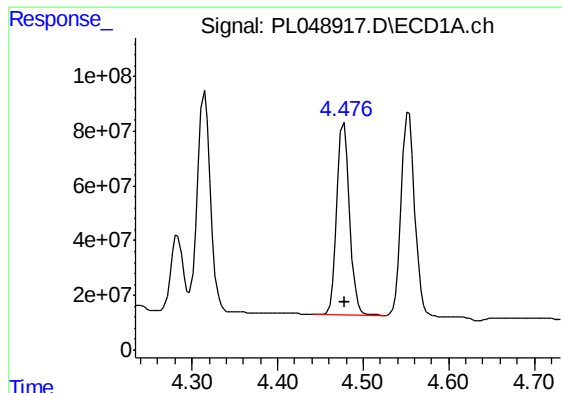
#6 beta-BHC

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 297643650
Conc: 50.43 ng/ml



#6 beta-BHC

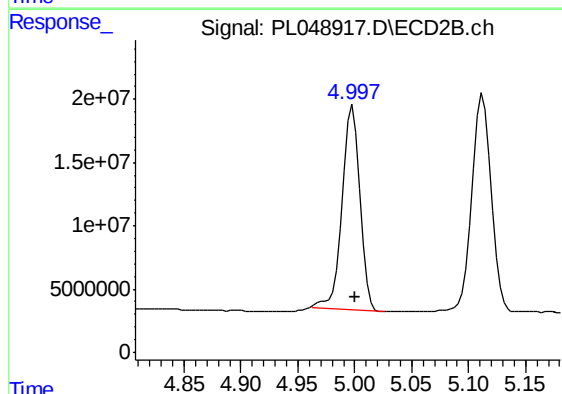
R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 88138176
Conc: 56.64 ng/ml



#7 delta-BHC

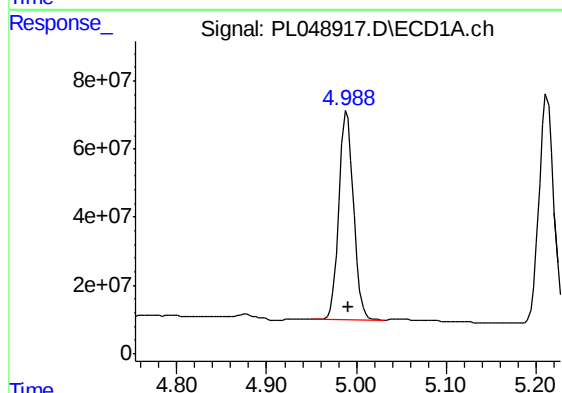
R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 731459073
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



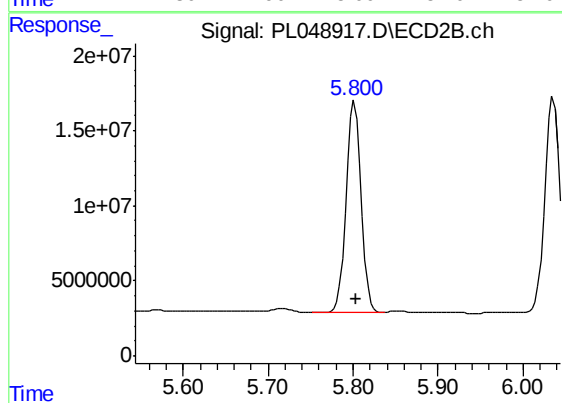
#7 delta-BHC

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 174016419
Conc: 61.54 ng/ml



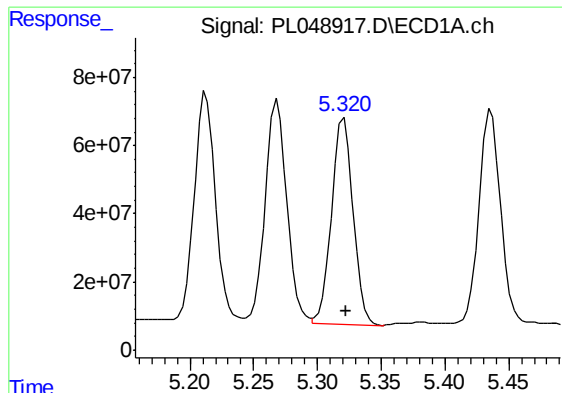
#8 Heptachlor epoxide

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 689602735
Conc: 53.52 ng/ml



#8 Heptachlor epoxide

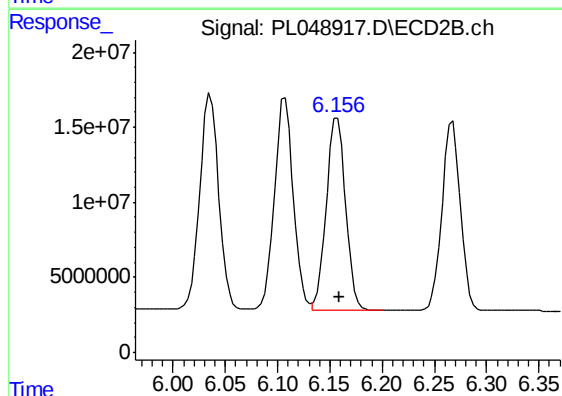
R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 170447652
Conc: 58.44 ng/ml



#9 Endosulfan I

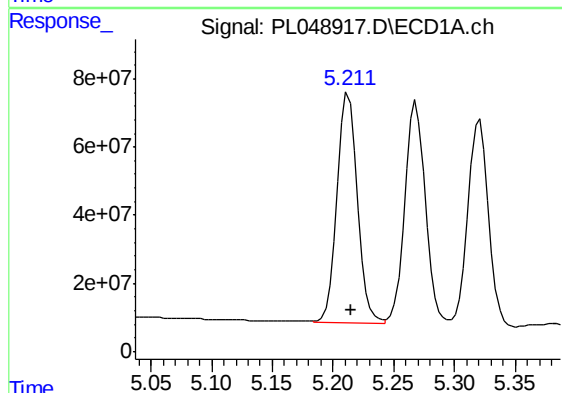
R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 711867980
Conc: 59.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



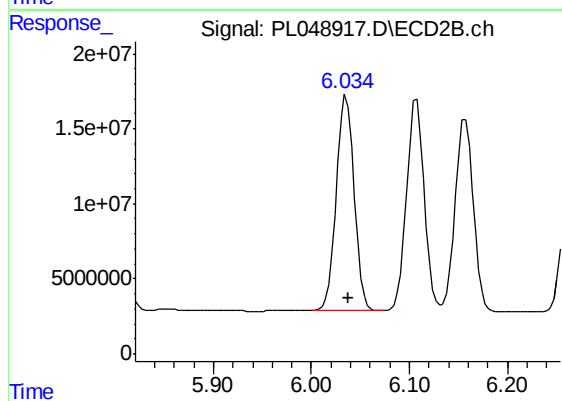
#9 Endosulfan I

R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 164502054
Conc: 58.18 ng/ml



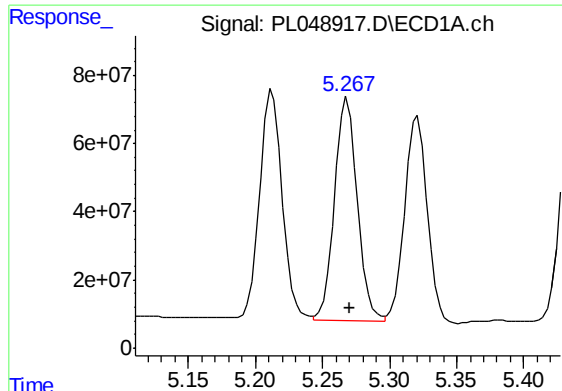
#10 gamma-Chlordane

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 786035727
Conc: 58.87 ng/ml



#10 gamma-Chlordane

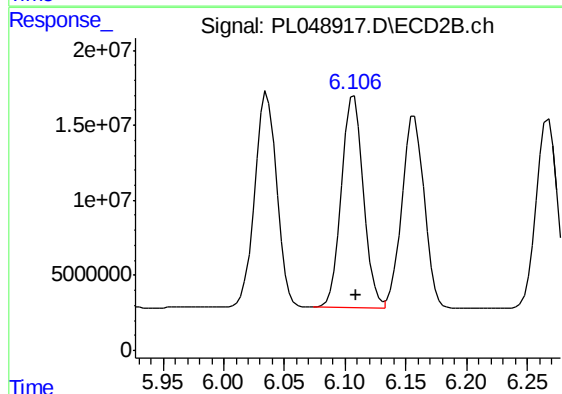
R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 180109570
Conc: 58.50 ng/ml



#11 alpha-Chlordane

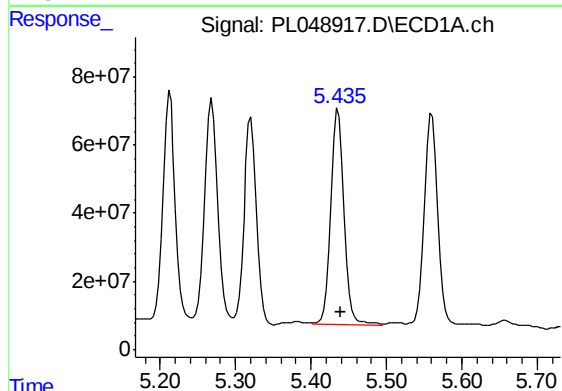
R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 773321616
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



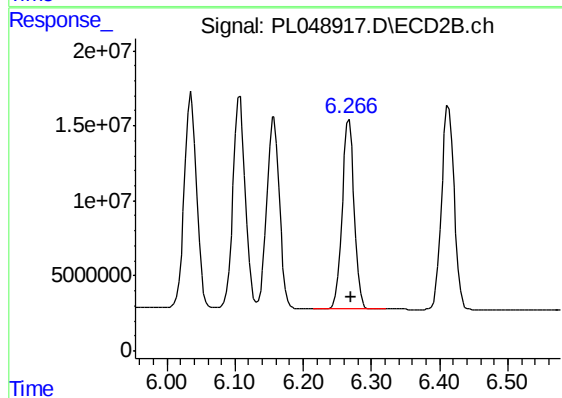
#11 alpha-Chlordane

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 177620901
Conc: 57.89 ng/ml



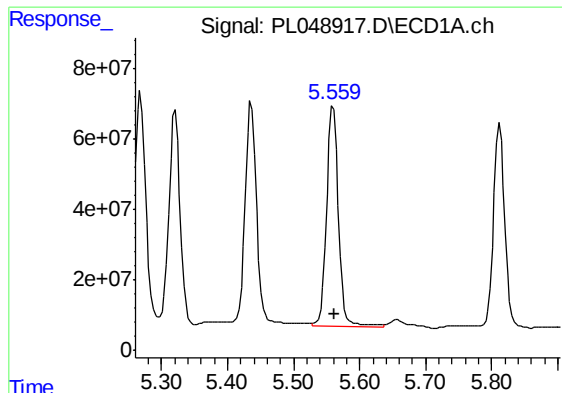
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 763420825
Conc: 60.18 ng/ml



#12 4,4'-DDE

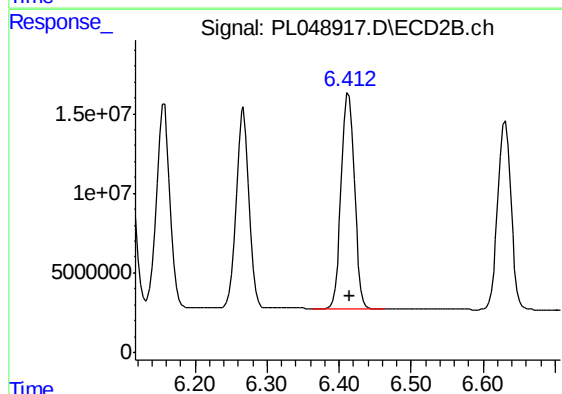
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 155429252
Conc: 56.30 ng/ml



#13 Dielldrin

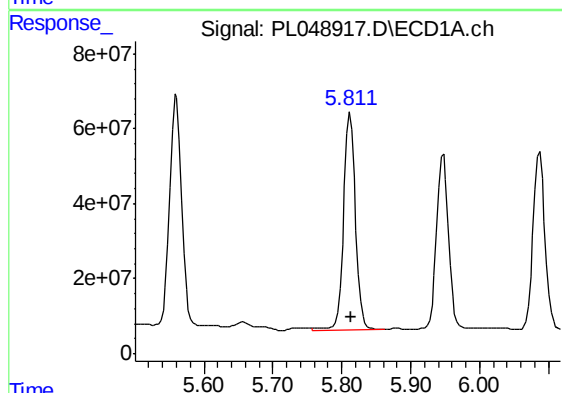
R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 785929516
Conc: 60.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



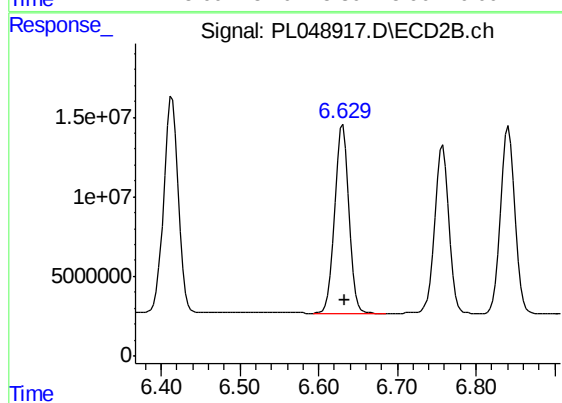
#13 Dielldrin

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 173342249
Conc: 59.09 ng/ml



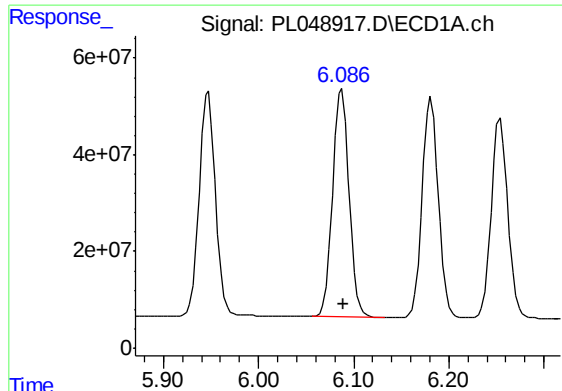
#14 Endrin

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 696837304
Conc: 57.24 ng/ml



#14 Endrin

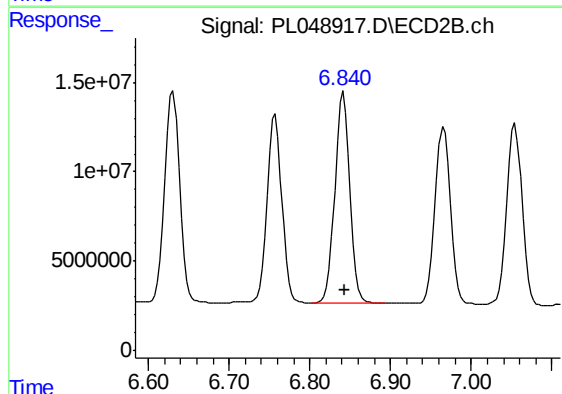
R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 152857679
Conc: 58.62 ng/ml



#15 Endosulfan II

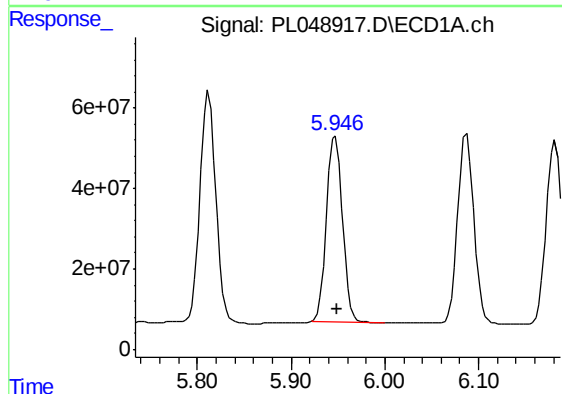
R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 565758934
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



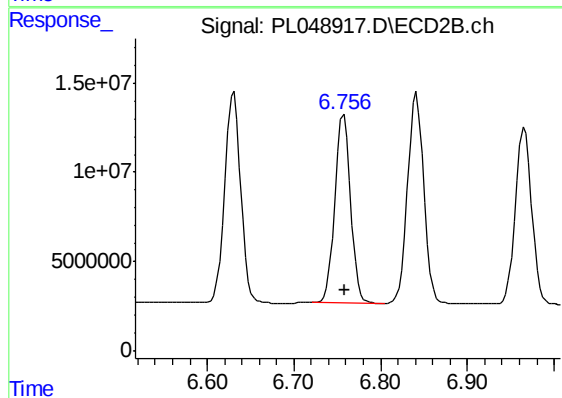
#15 Endosulfan II

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 152990475
Conc: 56.73 ng/ml



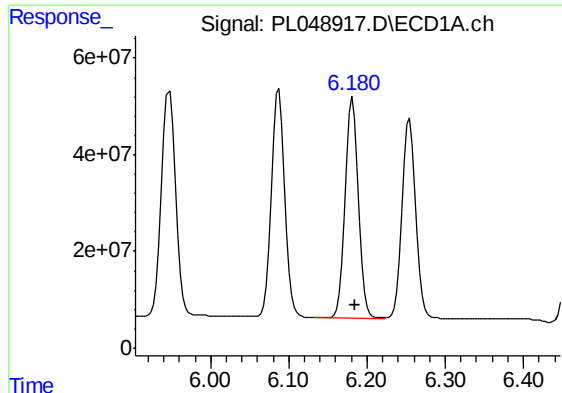
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 551588180
Conc: 56.67 ng/ml



#16 4,4'-DDD

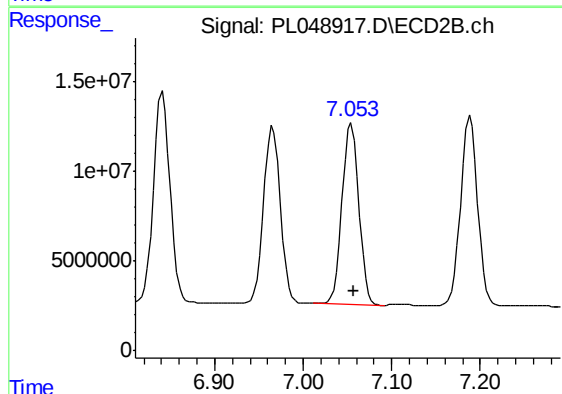
R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 133928134
Conc: 59.68 ng/ml



#17 4,4'-DDT

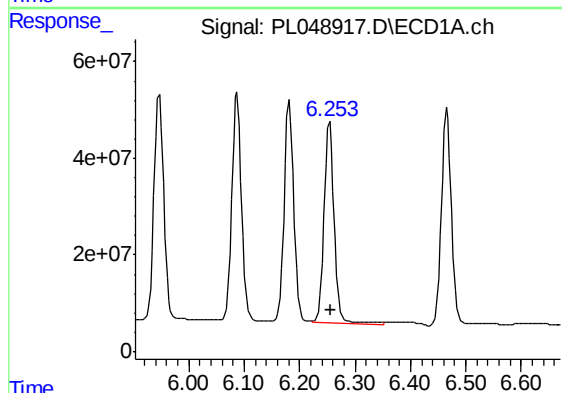
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 550470336
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



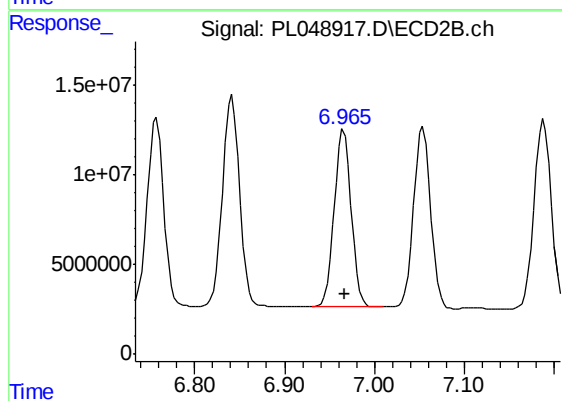
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 133110308
Conc: 56.72 ng/ml



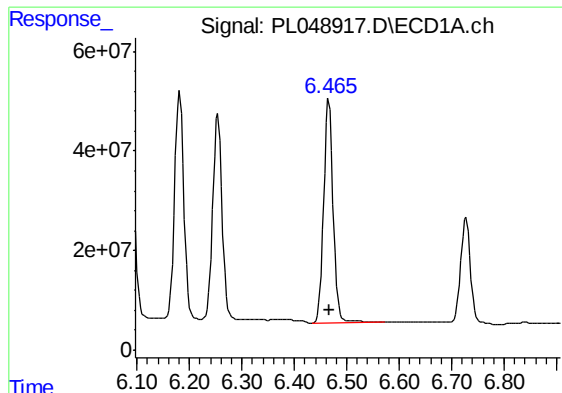
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 533588391
Conc: 54.91 ng/ml



#18 Endrin aldehyde

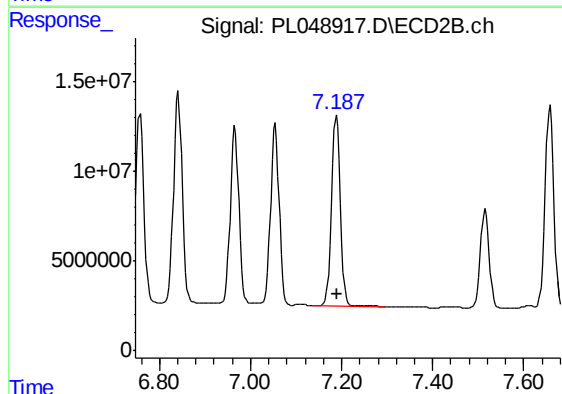
R.T.: 6.966 min
Delta R.T.: -0.001 min
Response: 130468159
Conc: 55.67 ng/ml



#19 Endosulfan Sulfate

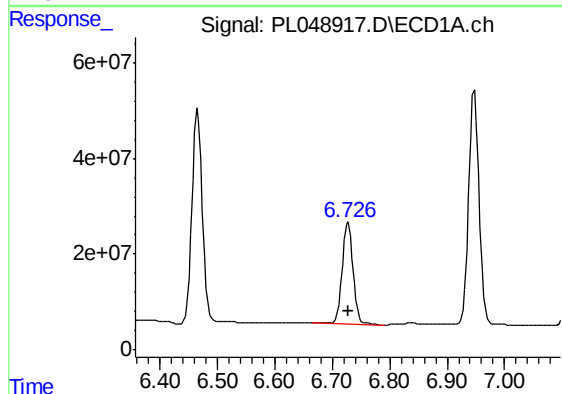
R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 566412851
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



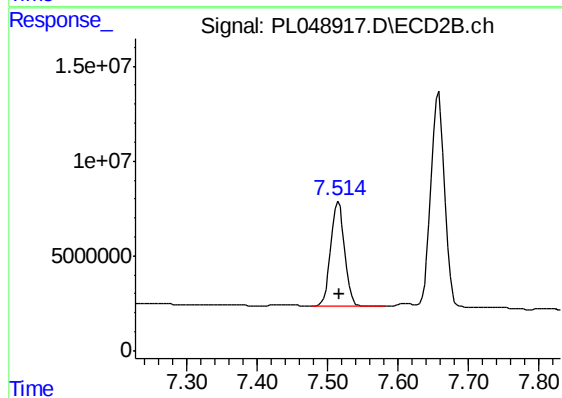
#19 Endosulfan Sulfate

R.T.: 7.189 min
Delta R.T.: -0.001 min
Response: 142329355
Conc: 54.99 ng/ml



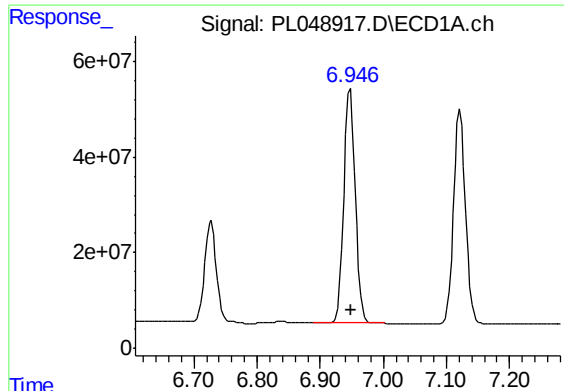
#20 Methoxychlor

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 281048815
Conc: 51.62 ng/ml



#20 Methoxychlor

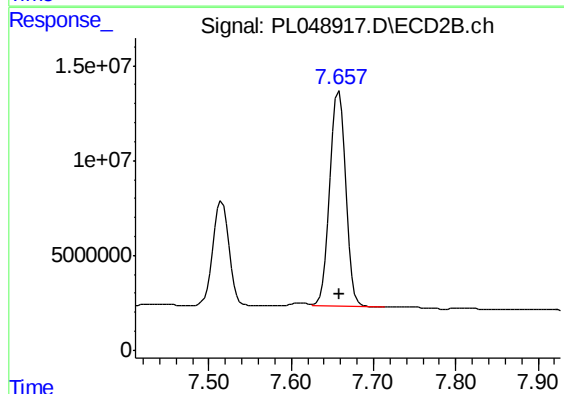
R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 75476166
Conc: 55.29 ng/ml



#21 Endrin ketone

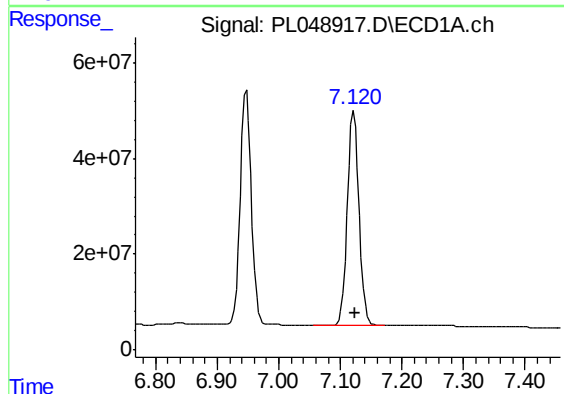
R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 616516623
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



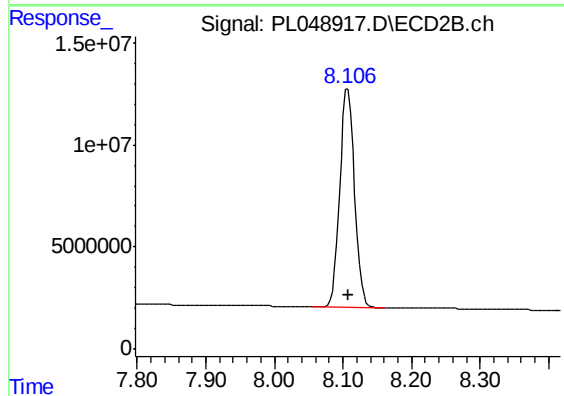
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 154042631
Conc: 58.96 ng/ml



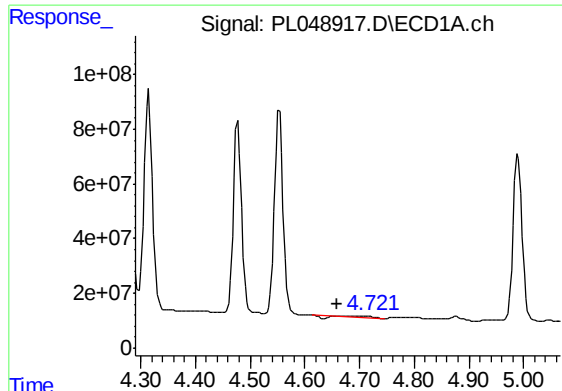
#22 Mirex

R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 592243921
Conc: 66.07 ng/ml



#22 Mirex

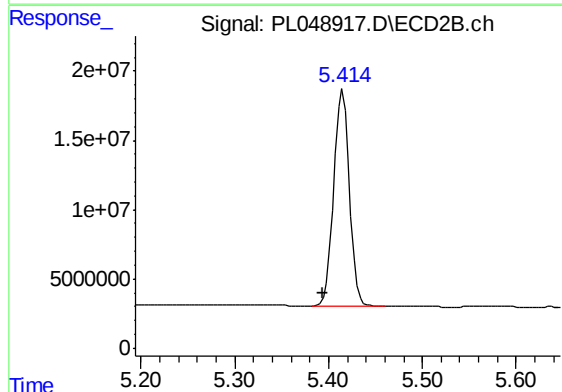
R.T.: 8.107 min
Delta R.T.: -0.002 min
Response: 160232169
Conc: 75.98 ng/ml



#24 Chlordane-2

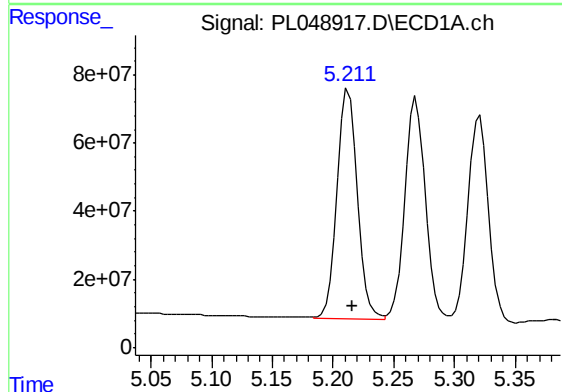
R.T.: 4.663 min
Delta R.T.: 0.005 min
Response: 9554721
Conc: 18.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



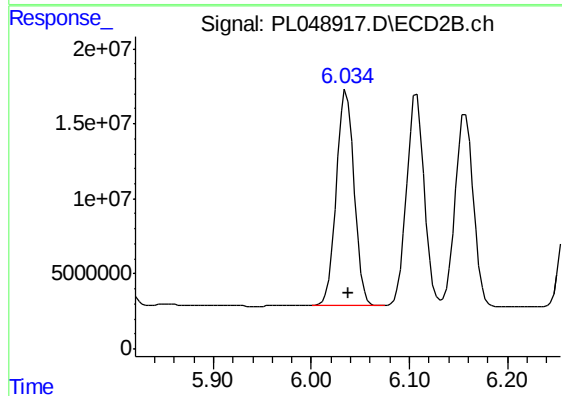
#24 Chlordane-2

R.T.: 5.415 min
Delta R.T.: 0.022 min
Response: 181501473
Conc: 1403.30 ng/ml



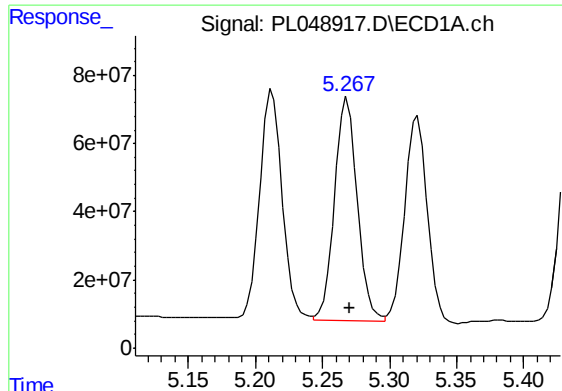
#25 Chlordane-3

R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 786035727
Conc: 499.21 ng/ml



#25 Chlordane-3

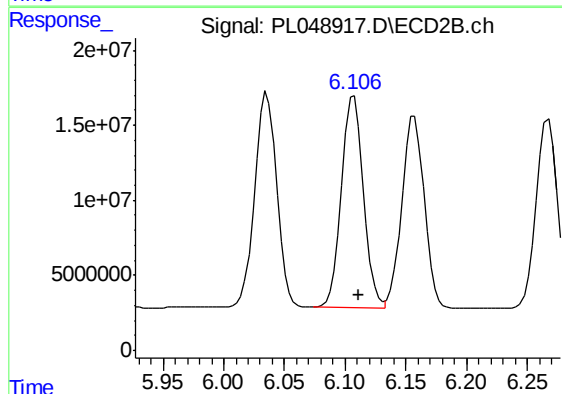
R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 180109570
Conc: 410.99 ng/ml



#26 Chlordane-4

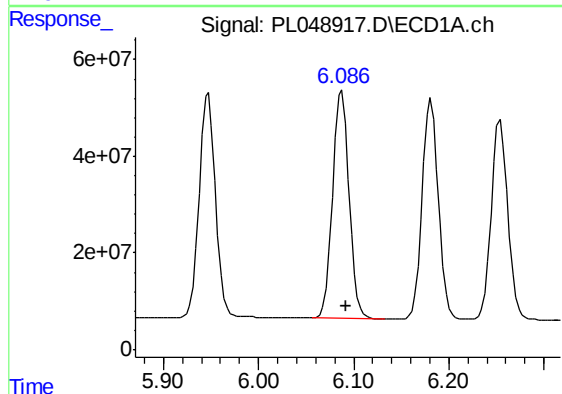
R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 773321616
Conc: 532.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



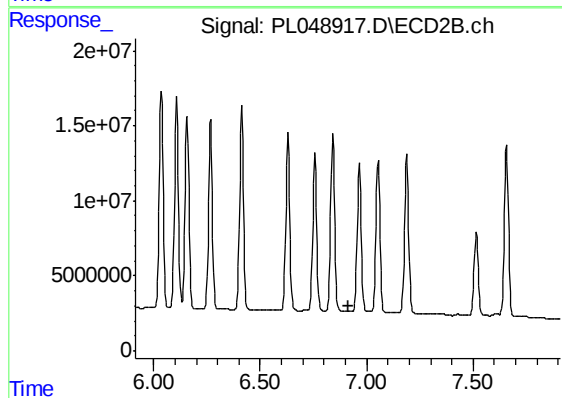
#26 Chlordane-4

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 177620901
Conc: 338.58 ng/ml



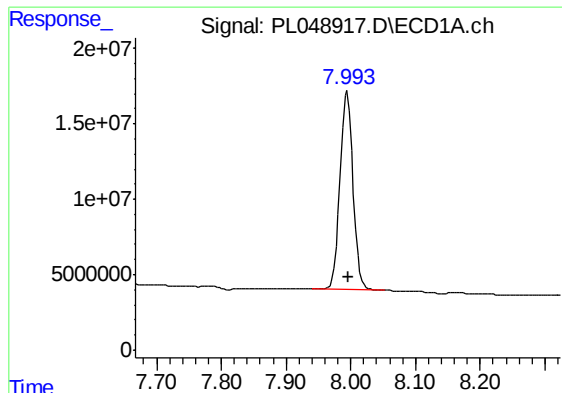
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.004 min
Response: 565758934
Conc: 1204.88 ng/ml



#27 Chlordane-5

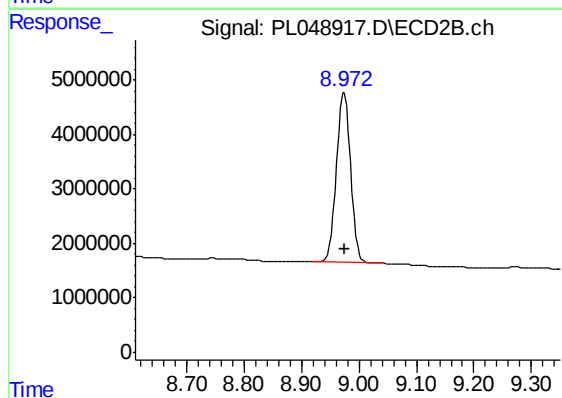
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.001 min
Response: 181927107
Conc: 18.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-23(3-3.5)MSD



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: -0.001 min
Response: 53623121
Conc: 20.20 ng/ml