

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052119\
 Data File : PL048772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2019 16:07
 Operator : SM\AJ
 Sample : K2966-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FESB-16(2.4-2.9)MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 01:11:31 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	3.939	199.7E6	56786901	20.617	22.798
28)	SA Decachlor...	7.994	8.976	198.3E6	56447618	19.727	21.267
Target Compounds							
2)	A alpha-BHC	3.755	4.327	921.3E6	233.1E6	59.562	66.364
3)	MA gamma-BHC...	4.030	4.611	872.7E6	210.8E6	61.419	64.550
4)	MA Heptachlor	4.315	5.115	875.2E6	212.9E6	59.490	61.496
5)	MB Aldrin	4.554	5.417	807.8E6	188.3E6	58.959	60.806
6)	B beta-BHC	4.284	4.786	348.0E6	92121167	58.969	59.203
7)	B delta-BHC	4.478	5.000	827.3E6	154.9E6	58.597	54.778
8)	B Heptachlor...	4.991	5.803	743.7E6	171.8E6	57.720	58.919
9)	A Endosulfan I	5.322	6.159	697.7E6	169.6E6	57.997	59.985
10)	B gamma-Chl...	5.213	6.038	773.4E6	180.9E6	57.922	58.745
11)	B alpha-Chl...	5.269	6.109	745.3E6	180.9E6	57.009	58.952
12)	B 4,4'-DDE	5.437	6.269	702.4E6	166.1E6	55.369	60.146
13)	MA Dieldrin	5.561	6.415	747.0E6	177.7E6	57.372	60.563
14)	MA Endrin	5.813	6.632	682.7E6	151.5E6	56.079	58.108
15)	B Endosulfa...	6.088	6.843	644.4E6	158.6E6	55.842	58.800
16)	A 4,4'-DDD	5.948	6.759	546.1E6	136.4E6	56.099	60.788
17)	MA 4,4'-DDT	6.183	7.056	550.1E6	141.0E6	54.759	60.079
18)	B Endrin al...	6.255	6.968	517.8E6	130.7E6	53.283	55.768
19)	B Endosulfa...	6.467	7.190	579.0E6	145.4E6	53.945	56.191
20)	A Methoxychlor	6.728	7.517	278.1E6	75847664	51.075	55.559
21)	B Endrin ke...	6.949	7.659	651.9E6	162.2E6	55.934	62.084
22)	Mirex	7.123	8.109	612.4E6	159.8E6	68.324	75.757
24)	Chlordane-2	0.000	5.417f	0	188.3E6	N.D.	1455.818 #
25)	Chlordane-3	5.213	6.038	773.4E6	180.9E6	491.179	412.692
26)	Chlordane-4	5.269	6.109	745.3E6	180.9E6	513.361	344.796 #
27)	Chlordane-5	6.088	0.000	644.4E6	0	1372.461	N.D. #

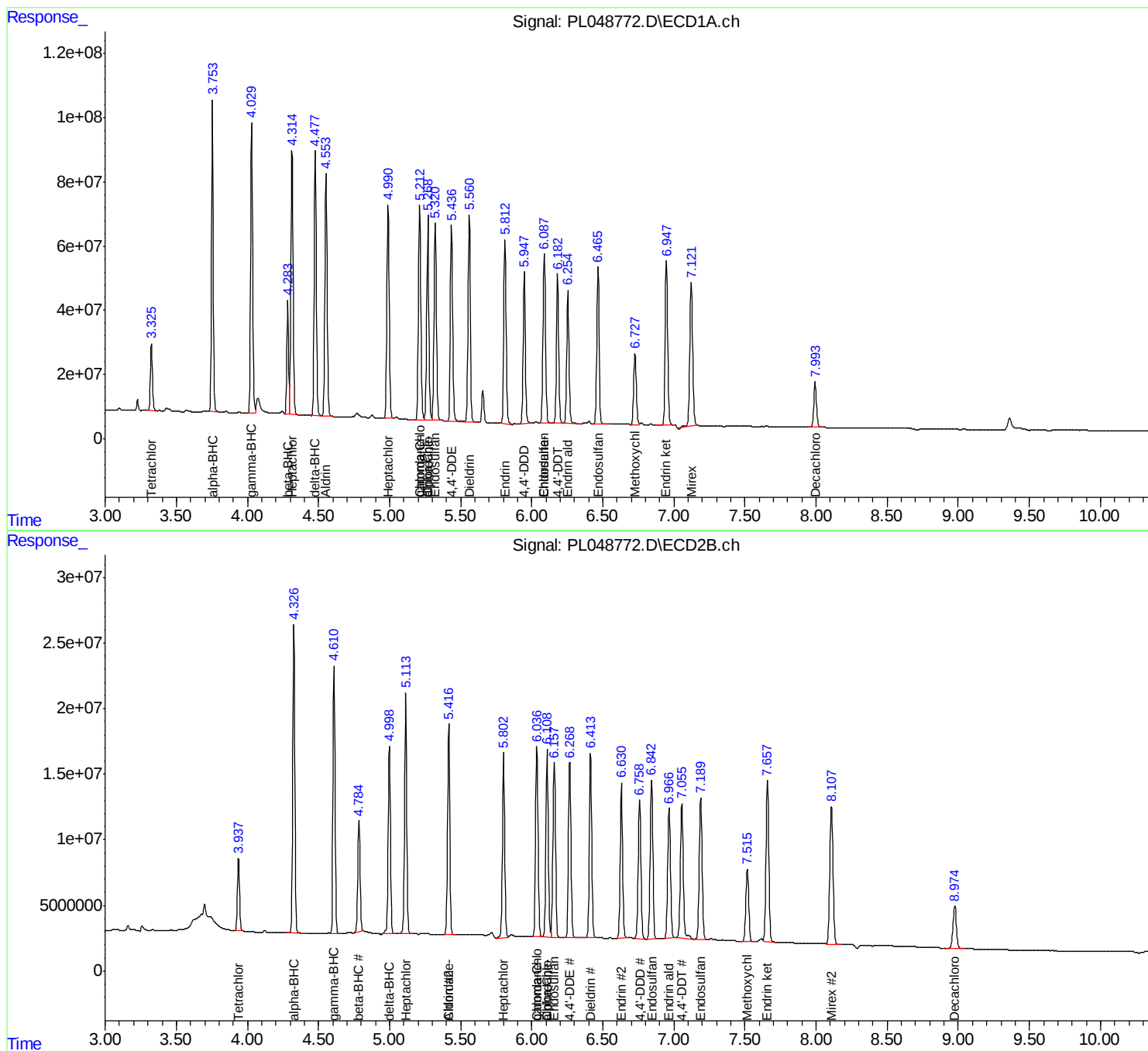
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

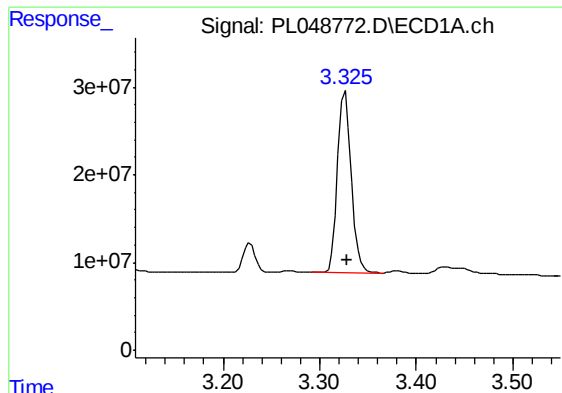
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052119\
Data File : PL048772.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2019 16:07
Operator : SM\AJ
Sample : K2966-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
FESB-16(2,4-2,9)MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 01:11:31 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

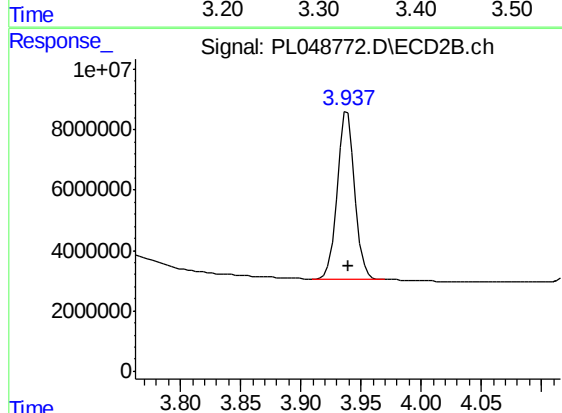




#1 Tetrachloro-m-xylene

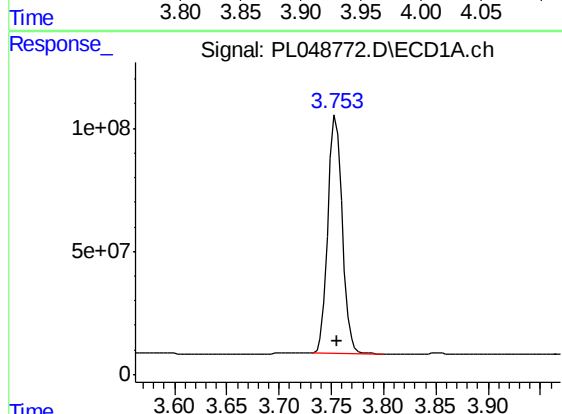
R.T.: 3.326 min
Delta R.T.: -0.002 min
Response: 199713859
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



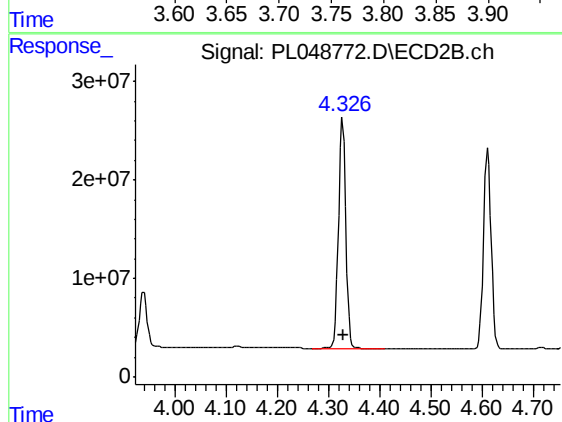
#1 Tetrachloro-m-xylene

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 56786901
Conc: 22.80 ng/ml



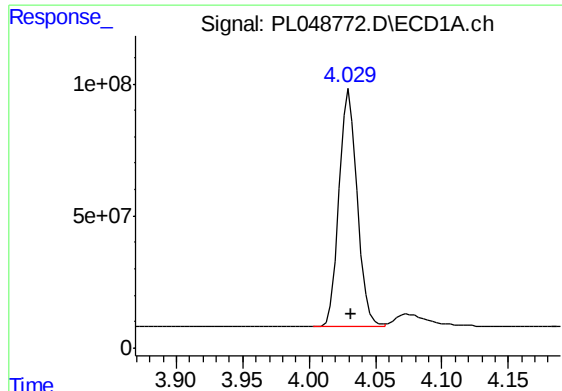
#2 alpha-BHC

R.T.: 3.755 min
Delta R.T.: -0.001 min
Response: 921276803
Conc: 59.56 ng/ml



#2 alpha-BHC

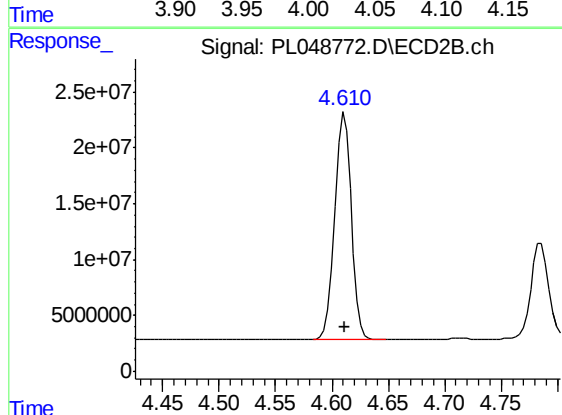
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 233069892
Conc: 66.36 ng/ml



#3 gamma-BHC (Lindane)

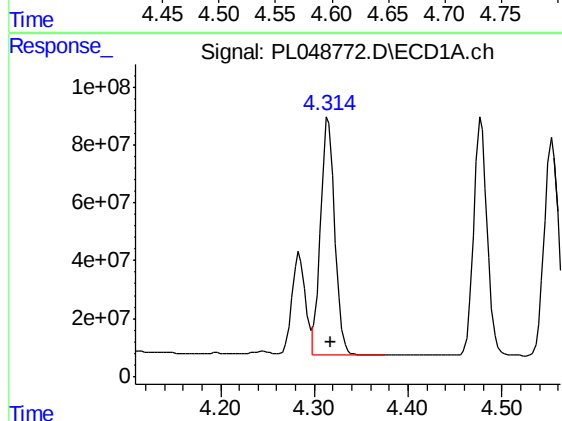
R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 872711090
Conc: 61.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



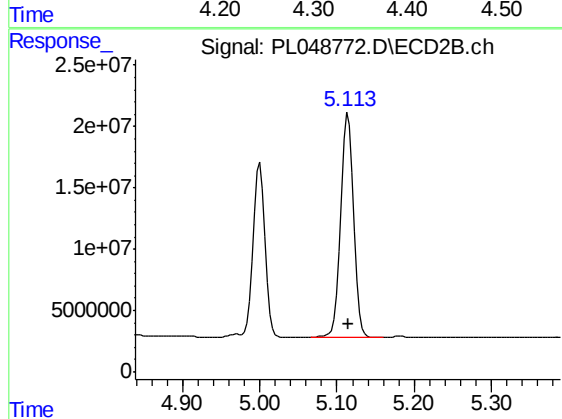
#3 gamma-BHC (Lindane)

R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 210830262
Conc: 64.55 ng/ml



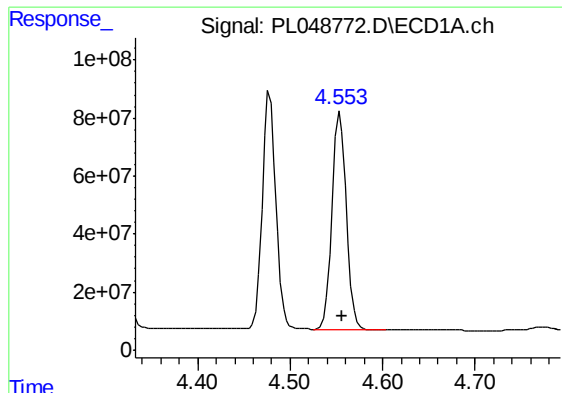
#4 Heptachlor

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 875221757
Conc: 59.49 ng/ml



#4 Heptachlor

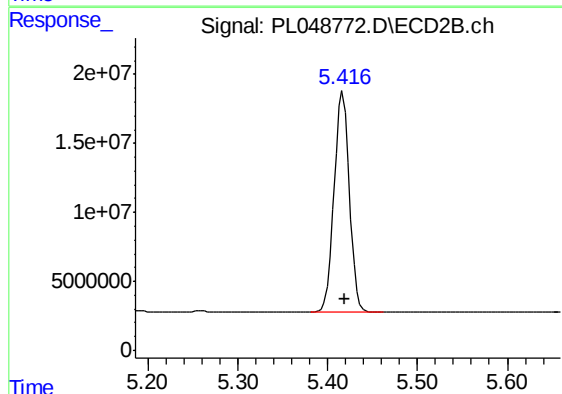
R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 212886718
Conc: 61.50 ng/ml



#5 Aldrin

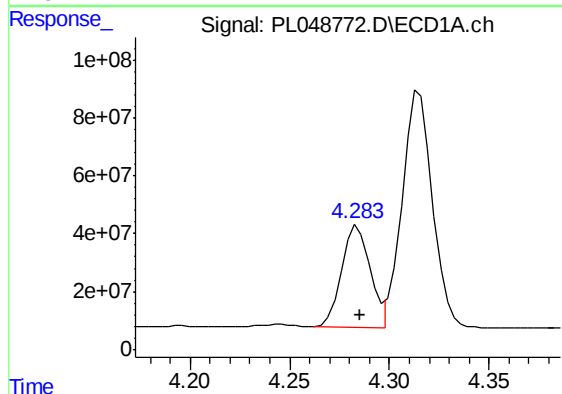
R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 807826834
Conc: 58.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



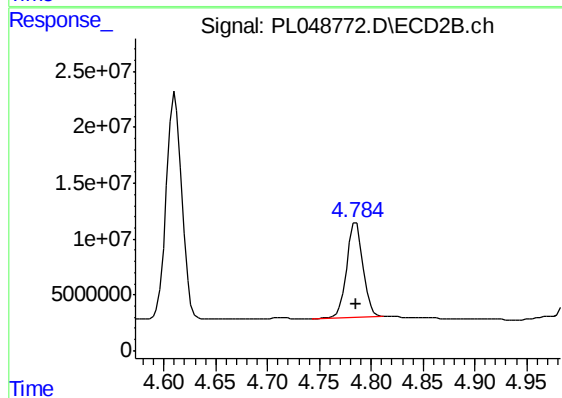
#5 Aldrin

R.T.: 5.417 min
Delta R.T.: -0.001 min
Response: 188293675
Conc: 60.81 ng/ml



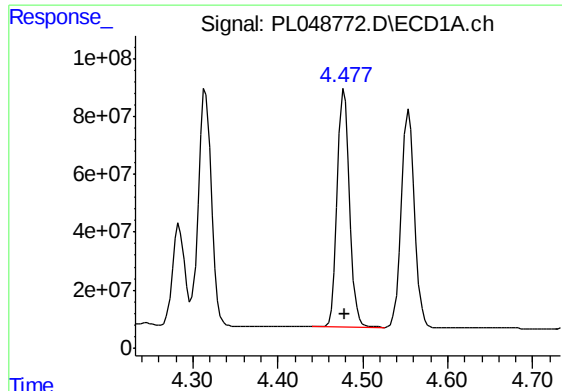
#6 beta-BHC

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 348008546
Conc: 58.97 ng/ml



#6 beta-BHC

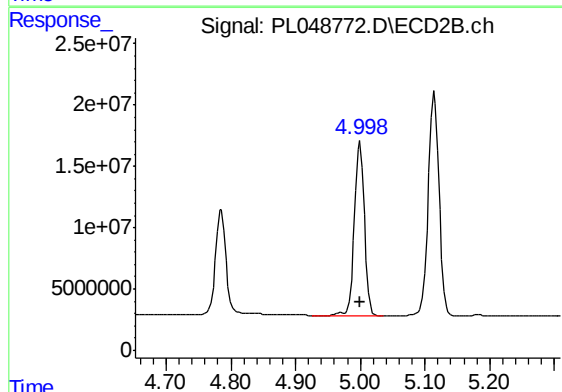
R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 92121167
Conc: 59.20 ng/ml



#7 delta-BHC

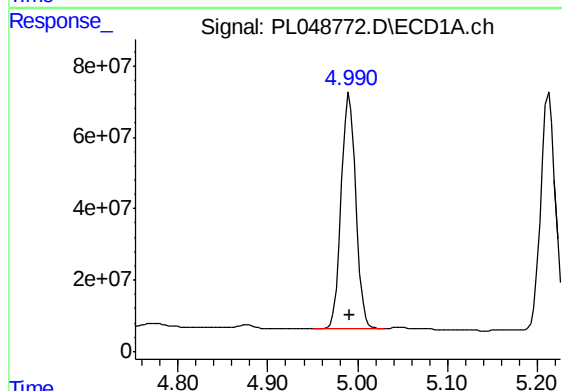
R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 827318807
Conc: 58.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



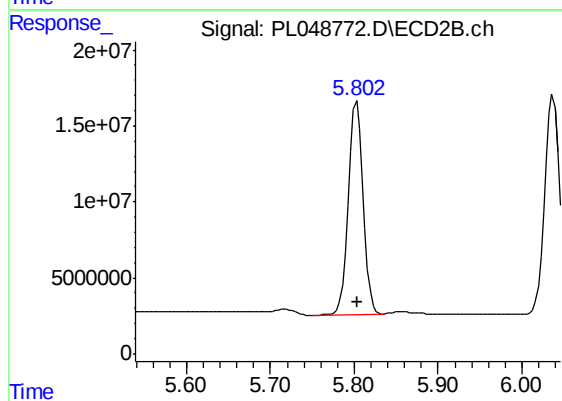
#7 delta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 154905600
Conc: 54.78 ng/ml



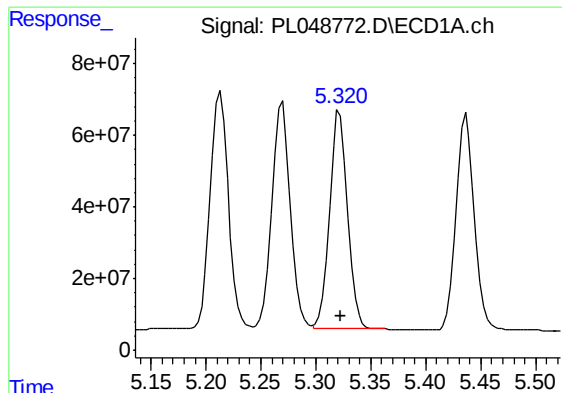
#8 Heptachlor epoxide

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 743700532
Conc: 57.72 ng/ml



#8 Heptachlor epoxide

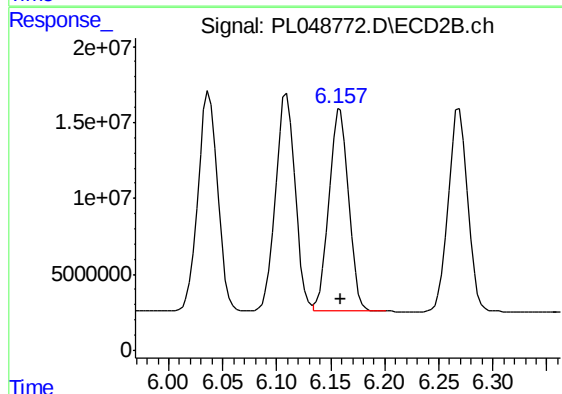
R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 171849620
Conc: 58.92 ng/ml



#9 Endosulfan I

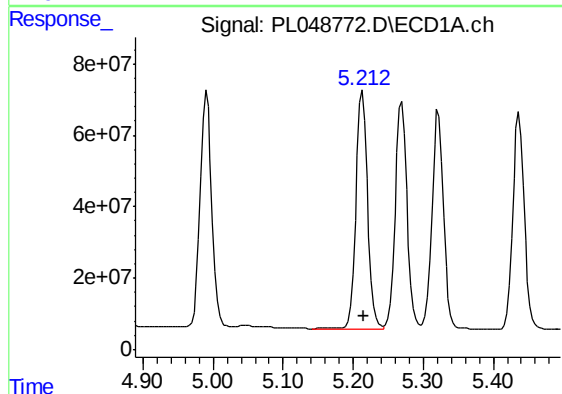
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 697702462
Conc: 58.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



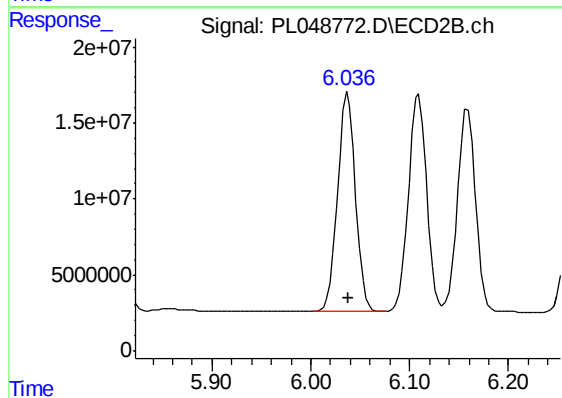
#9 Endosulfan I

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 169606880
Conc: 59.98 ng/ml



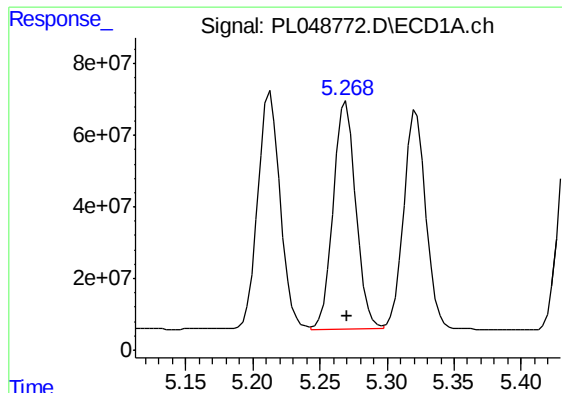
#10 gamma-Chlordane

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 773389738
Conc: 57.92 ng/ml



#10 gamma-Chlordane

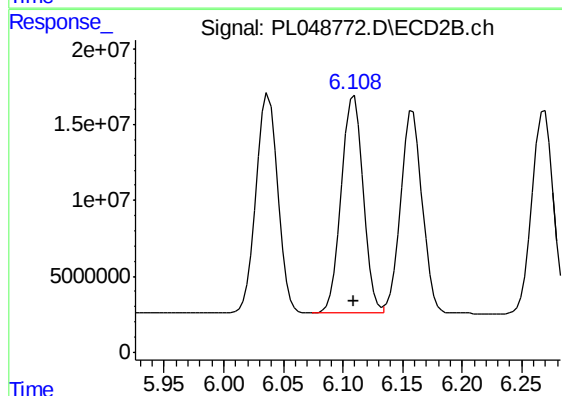
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 180854177
Conc: 58.74 ng/ml



#11 alpha-Chlordane

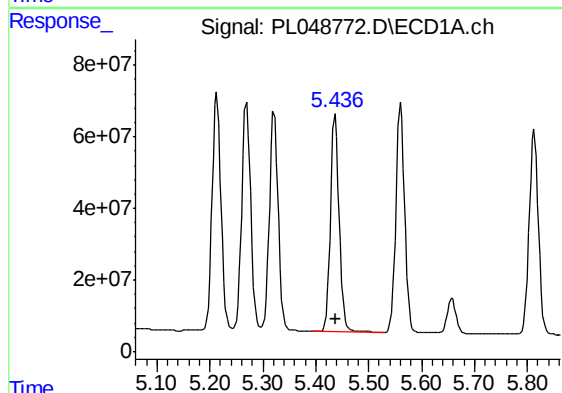
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 745309197
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



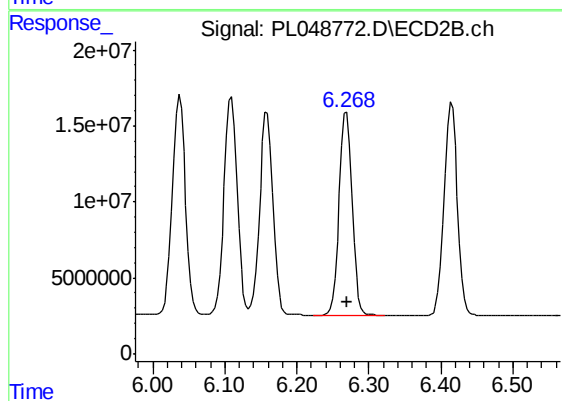
#11 alpha-Chlordane

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 180880149
Conc: 58.95 ng/ml



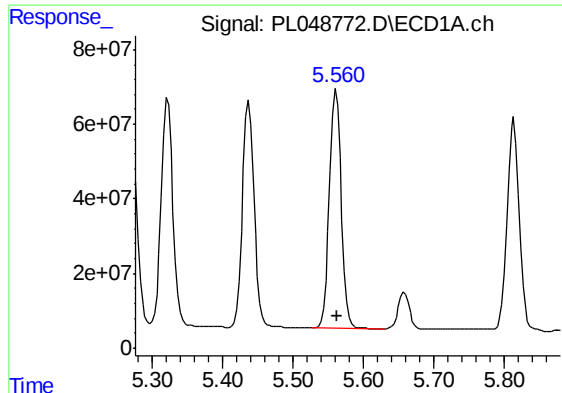
#12 4,4'-DDE

R.T.: 5.437 min
Delta R.T.: -0.002 min
Response: 702364856
Conc: 55.37 ng/ml



#12 4,4'-DDE

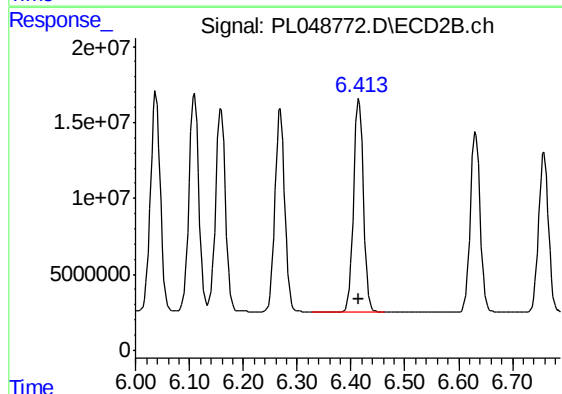
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 166058164
Conc: 60.15 ng/ml



#13 Dielddrin

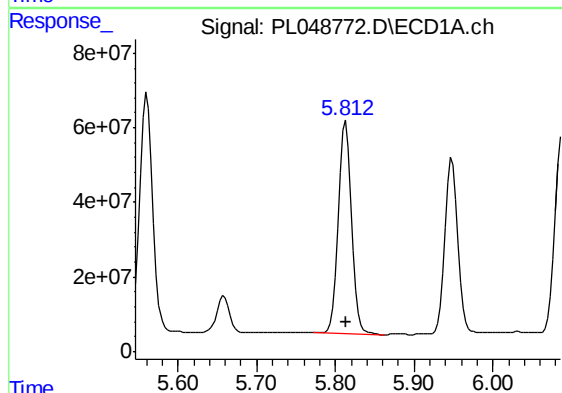
R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 747028905
Conc: 57.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



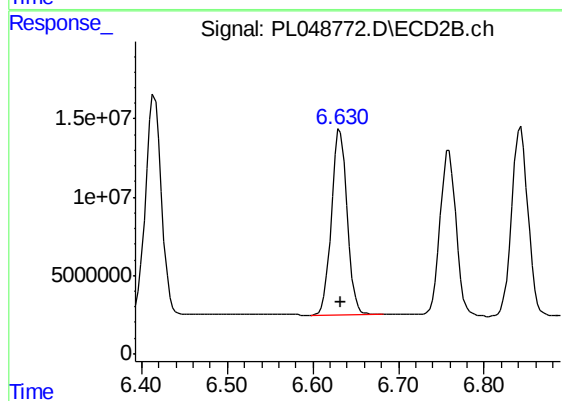
#13 Dielddrin

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 177670156
Conc: 60.56 ng/ml



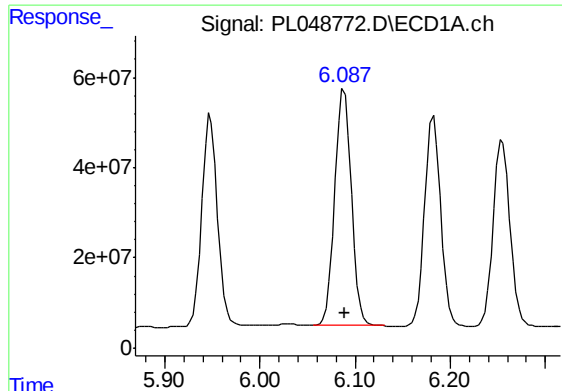
#14 Endrin

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 682705949
Conc: 56.08 ng/ml



#14 Endrin

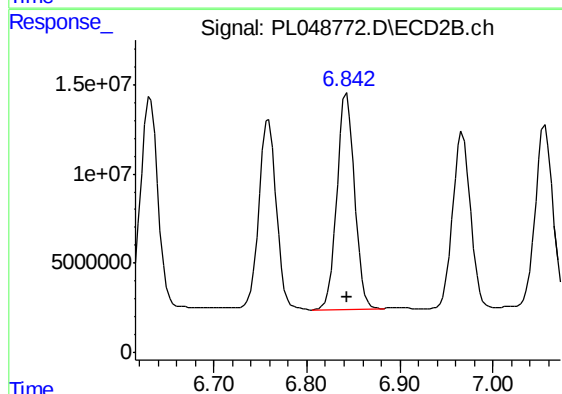
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 151511456
Conc: 58.11 ng/ml



#15 Endosulfan II

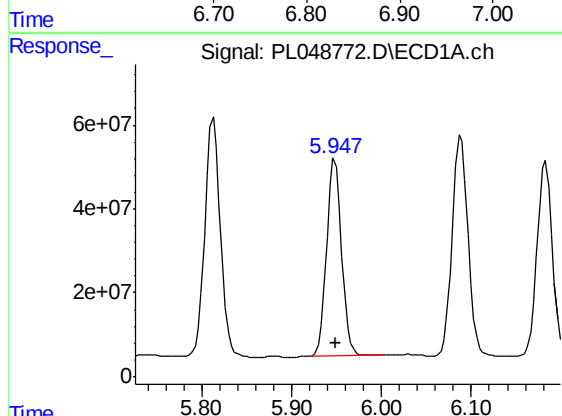
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 644447555
Conc: 55.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



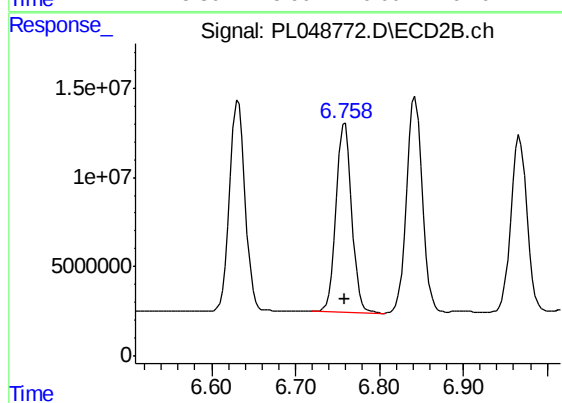
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 158559583
Conc: 58.80 ng/ml



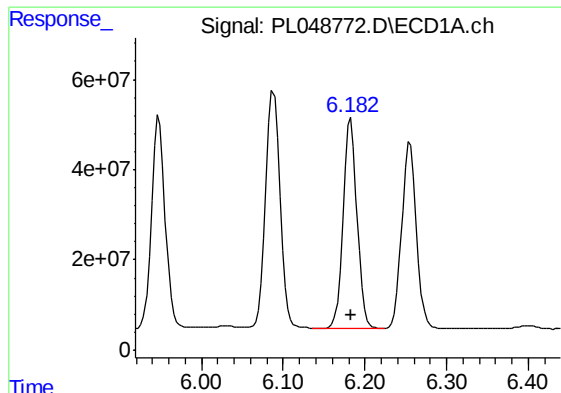
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 546071902
Conc: 56.10 ng/ml



#16 4,4'-DDD

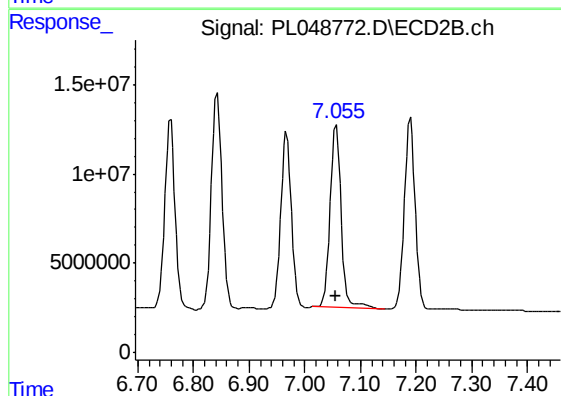
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 136411145
Conc: 60.79 ng/ml



#17 4,4'-DDT

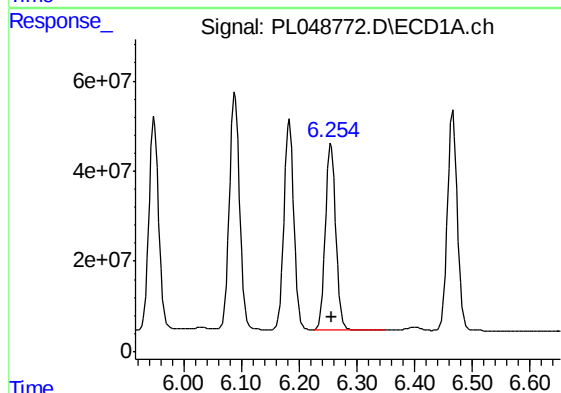
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 550132296
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



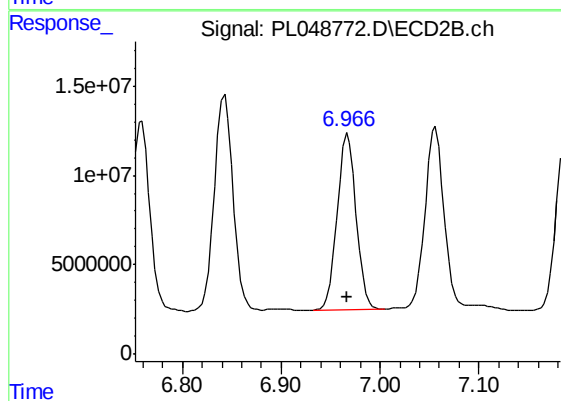
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 140981813
Conc: 60.08 ng/ml



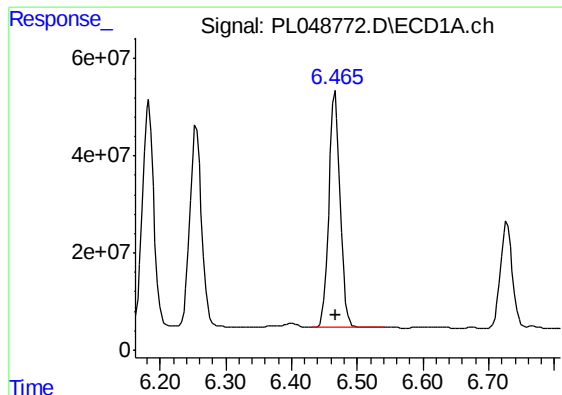
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 517816454
Conc: 53.28 ng/ml



#18 Endrin aldehyde

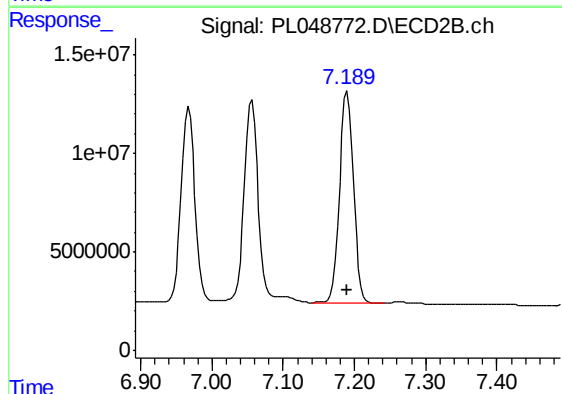
R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 130688973
Conc: 55.77 ng/ml



#19 Endosulfan Sulfate

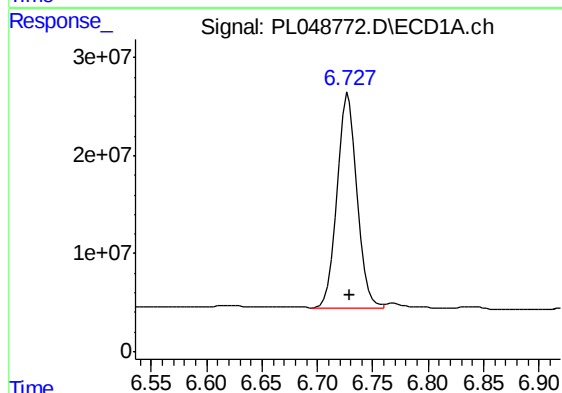
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 578972556
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



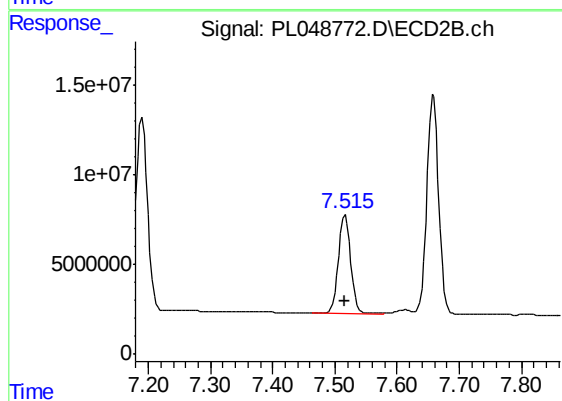
#19 Endosulfan Sulfate

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 145433777
Conc: 56.19 ng/ml



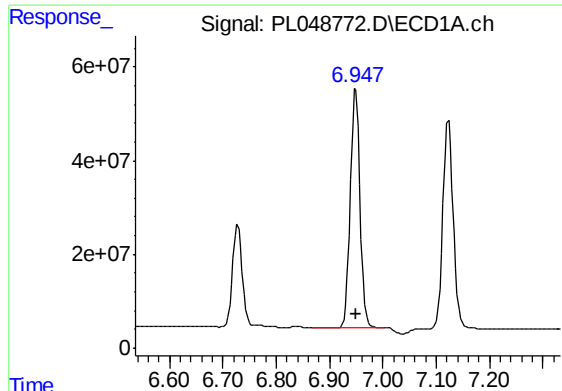
#20 Methoxychlor

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 278087564
Conc: 51.07 ng/ml



#20 Methoxychlor

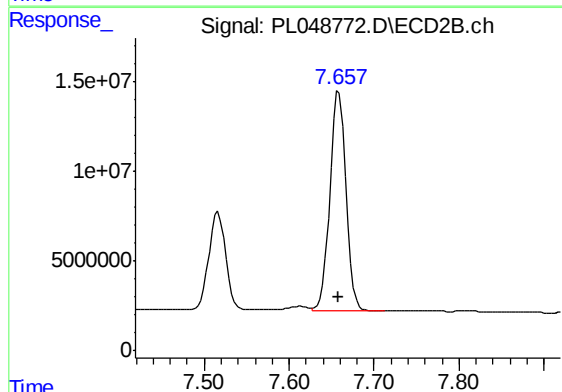
R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 75847664
Conc: 55.56 ng/ml



#21 Endrin ketone

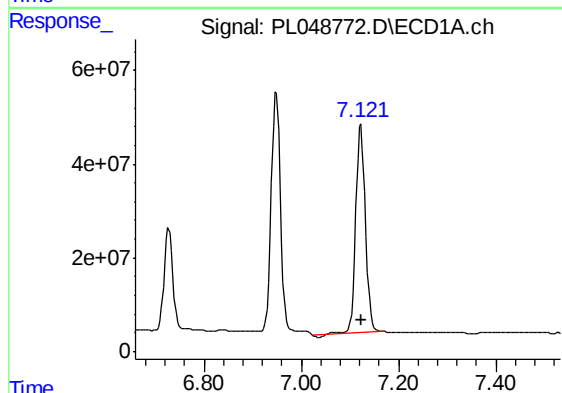
R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 651904283
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



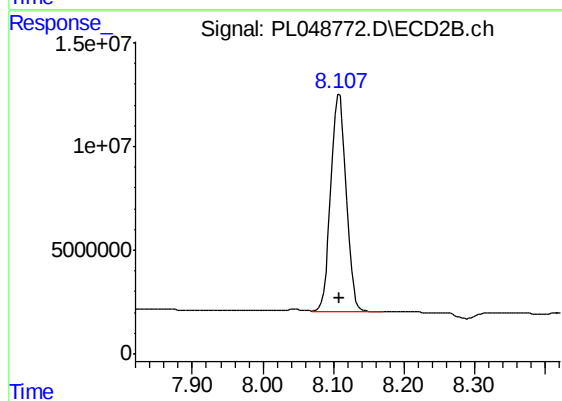
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 162212651
Conc: 62.08 ng/ml



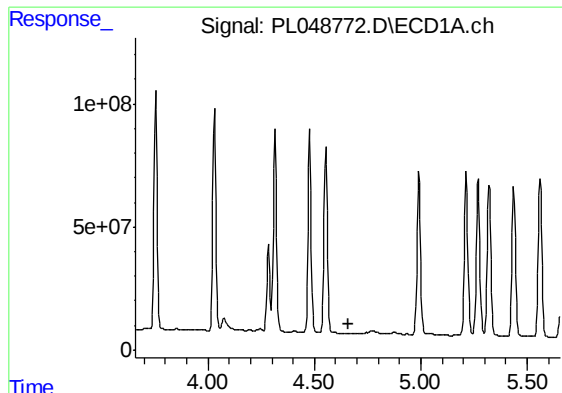
#22 Mirex

R.T.: 7.123 min
Delta R.T.: -0.001 min
Response: 612449405
Conc: 68.32 ng/ml



#22 Mirex

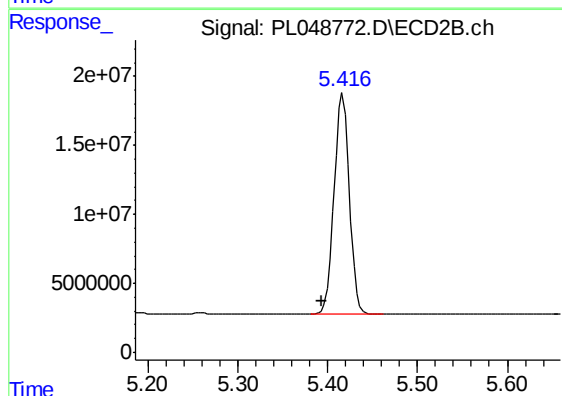
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 159761999
Conc: 75.76 ng/ml



#24 Chlordane-2

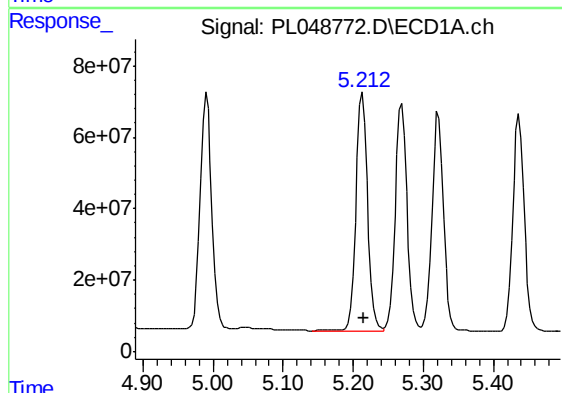
R.T.: 0.000 min
Exp R.T.: 4.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



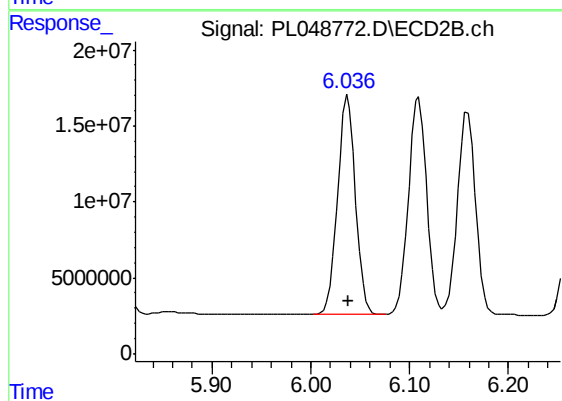
#24 Chlordane-2

R.T.: 5.417 min
Delta R.T.: 0.023 min
Response: 188293675
Conc: 1455.82 ng/ml



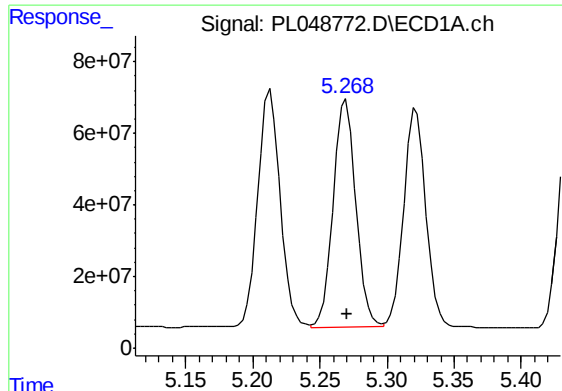
#25 Chlordane-3

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 773389738
Conc: 491.18 ng/ml



#25 Chlordane-3

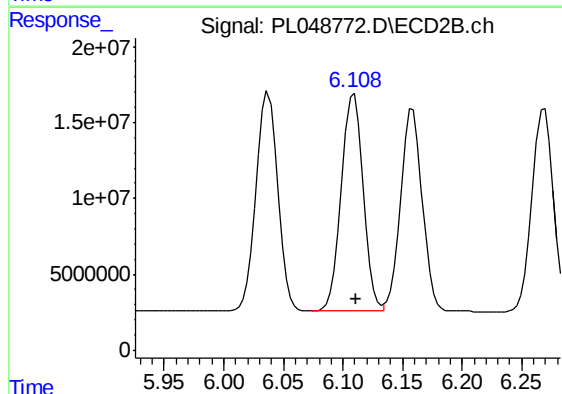
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 180854177
Conc: 412.69 ng/ml



#26 Chlordane-4

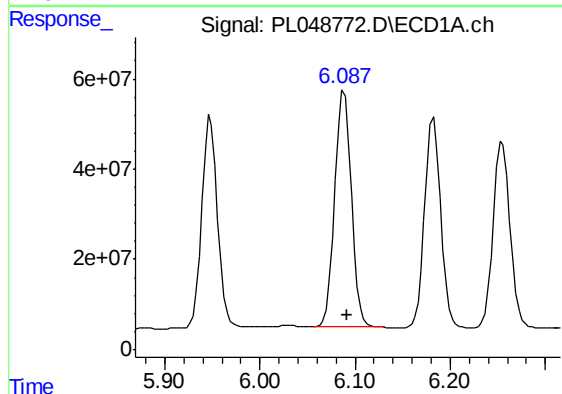
R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 745309197
Conc: 513.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



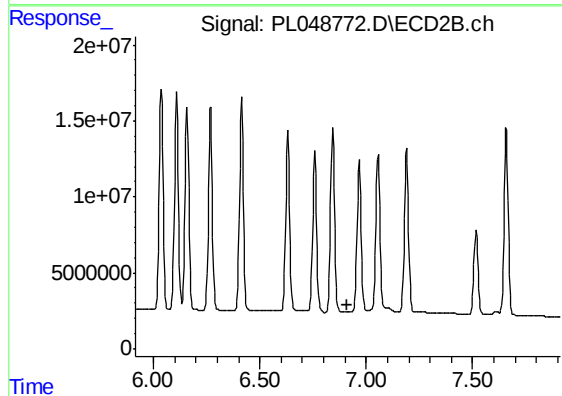
#26 Chlordane-4

R.T.: 6.109 min
Delta R.T.: -0.002 min
Response: 180880149
Conc: 344.80 ng/ml



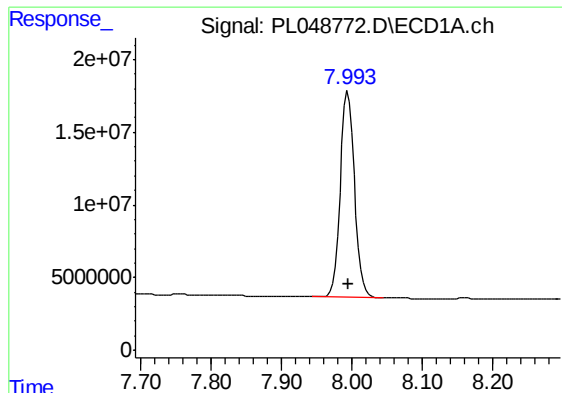
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 644447555
Conc: 1372.46 ng/ml



#27 Chlordane-5

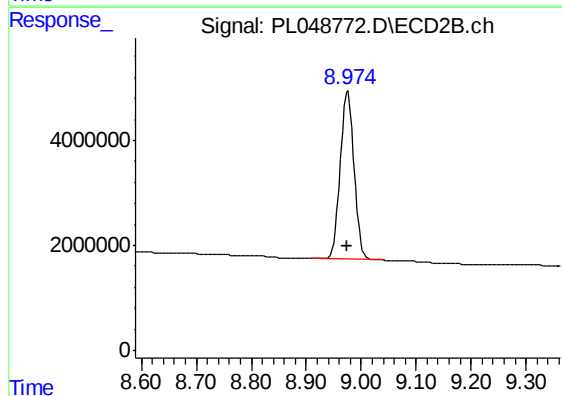
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 198339061
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
FESB-16(2.4-2.9)MS



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 56447618
Conc: 21.27 ng/ml