

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052119\
 Data File : PL048773.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2019 16:22
 Operator : SM\AJ
 Sample : K2966-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 01:11:48 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...	3.327	3.939	197.6E6	56183546	20.403	22.556
28)	SA Decachlor...	7.995	8.976	195.3E6	55934714	19.427	21.073
Target Compounds							
2)	A alpha-BHC	3.755	4.327	907.0E6	230.1E6	58.640	65.517
3)	MA gamma-BHC...	4.031	4.610	860.3E6	207.4E6	60.546	63.505
4)	MA Heptachlor	4.315	5.114	863.5E6	211.7E6	58.691	61.164
5)	MB Aldrin	4.554	5.416	795.8E6	185.8E6	58.083	60.011
6)	B beta-BHC	4.285	4.785	342.8E6	93200854	58.082	59.897
7)	B delta-BHC	4.478	4.999	815.6E6	150.5E6	57.767	53.215
8)	B Heptachlor...	4.991	5.802	732.3E6	168.5E6	56.839	57.767
9)	A Endosulfan I	5.322	6.158	683.5E6	167.3E6	56.814	59.152
10)	B gamma-Chl...	5.214	6.037	758.5E6	178.1E6	56.807	57.864
11)	B alpha-Chl...	5.269	6.109	731.6E6	178.5E6	55.960	58.161
12)	B 4,4'-DDE	5.438	6.269	686.5E6	163.3E6	54.116	59.143
13)	MA Dieldrin	5.561	6.415	733.7E6	174.8E6	56.348	59.596
14)	MA Endrin	5.813	6.632	672.6E6	149.4E6	55.248	57.285
15)	B Endosulfa...	6.089	6.843	634.7E6	156.4E6	54.999	58.002
16)	A 4,4'-DDD	5.948	6.759	535.1E6	134.0E6	54.967	59.691
17)	MA 4,4'-DDT	6.182	7.056	543.4E6	147.0E6	54.084	62.643
18)	B Endrin al...	6.255	6.967	510.3E6	128.5E6	52.512	54.834
19)	B Endosulfa...	6.467	7.190	572.8E6	142.2E6	53.366	54.959
20)	A Methoxychlor	6.728	7.516	273.7E6	74849518	50.271	54.828
21)	B Endrin ke...	6.948	7.659	645.0E6	159.6E6	55.340	61.089
22)	Mirex	7.123	8.109	607.4E6	157.6E6	67.759	74.749
24)	Chlordane-2	0.000	5.416f	0	185.8E6	N.D.	1436.787 #
25)	Chlordane-3	5.214	6.037	758.5E6	178.1E6	481.724	406.507
26)	Chlordane-4	5.269	6.109	731.6E6	178.5E6	503.913	340.169 #
27)	Chlordane-5	6.089	0.000	634.7E6	0	1351.731	N.D. #

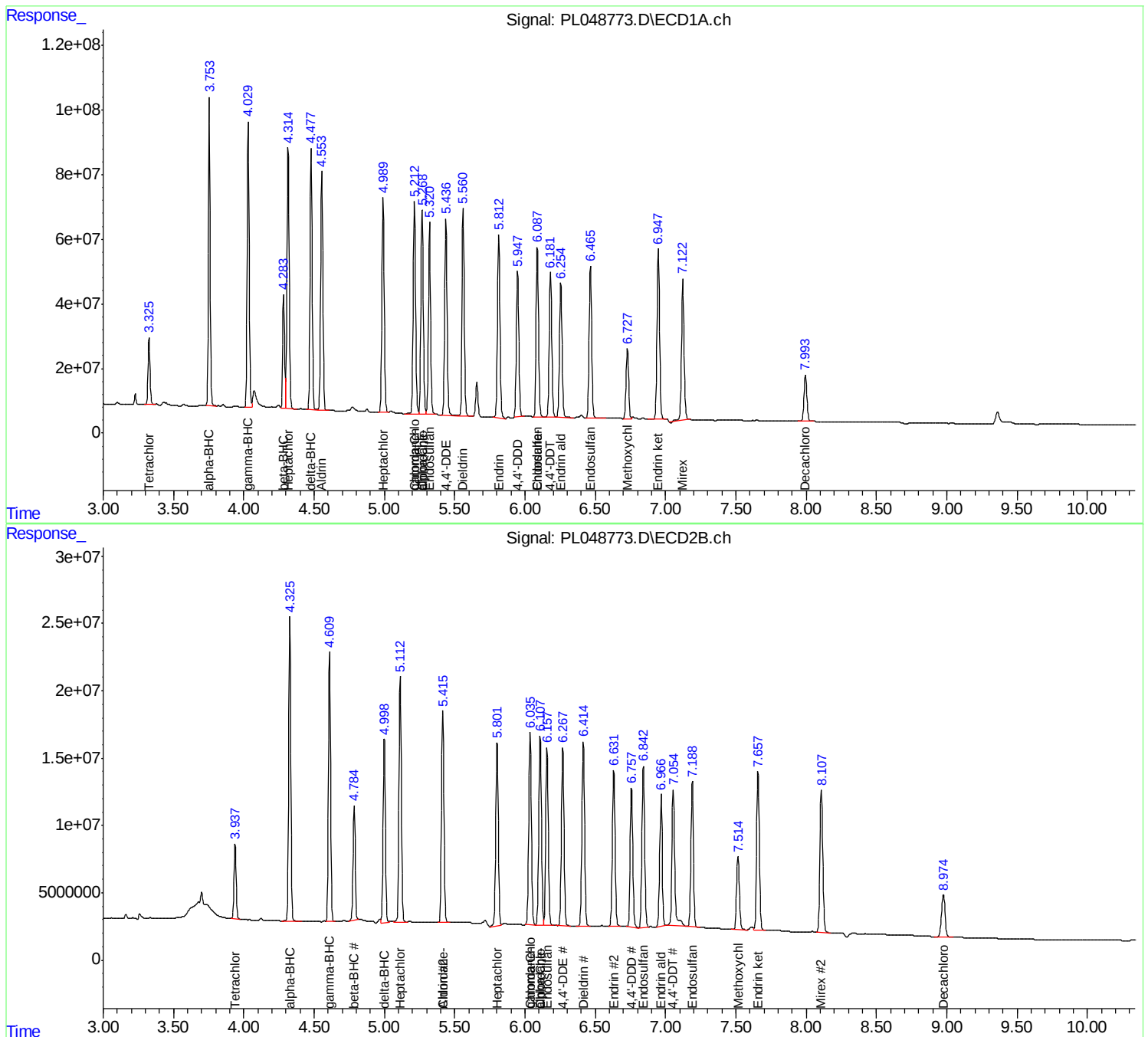
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

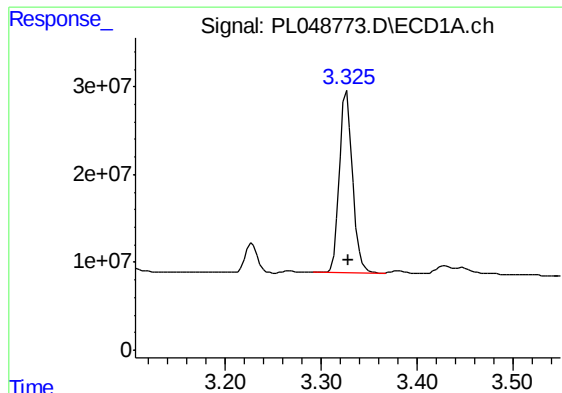
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052119\
Data File : PL048773.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2019 16:22
Operator : SM\AJ
Sample : K2966-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 01:11:48 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

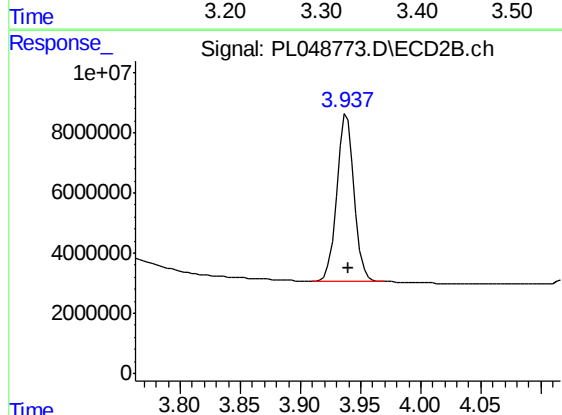




#1 Tetrachloro-m-xylene

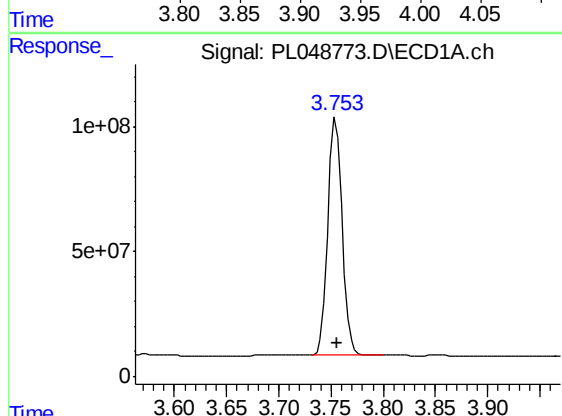
R.T.: 3.327 min
Delta R.T.: -0.001 min
Response: 197636503
Conc: 20.40 ng/ml

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



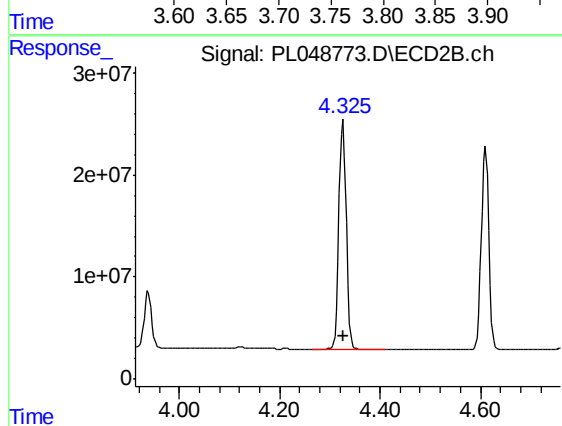
#1 Tetrachloro-m-xylene

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 56183546
Conc: 22.56 ng/ml



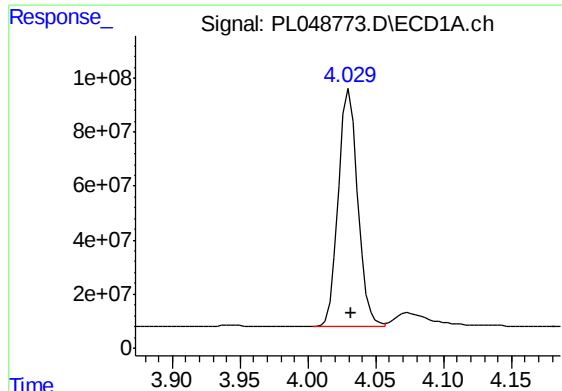
#2 alpha-BHC

R.T.: 3.755 min
Delta R.T.: -0.001 min
Response: 907007194
Conc: 58.64 ng/ml



#2 alpha-BHC

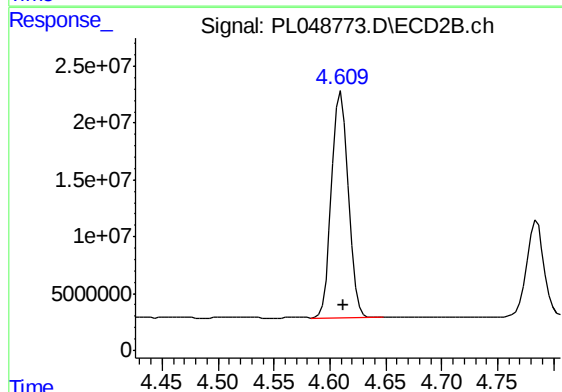
R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 230095142
Conc: 65.52 ng/ml



#3 gamma-BHC (Lindane)

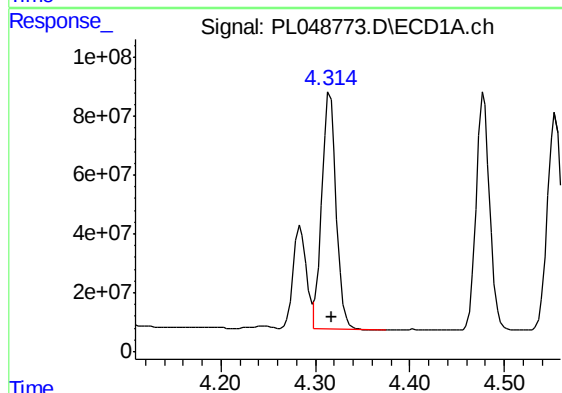
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 860307964
Conc: 60.55 ng/ml

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



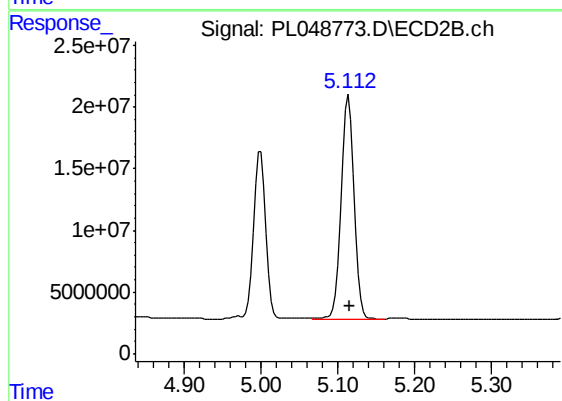
#3 gamma-BHC (Lindane)

R.T.: 4.610 min
Delta R.T.: -0.001 min
Response: 207418792
Conc: 63.51 ng/ml



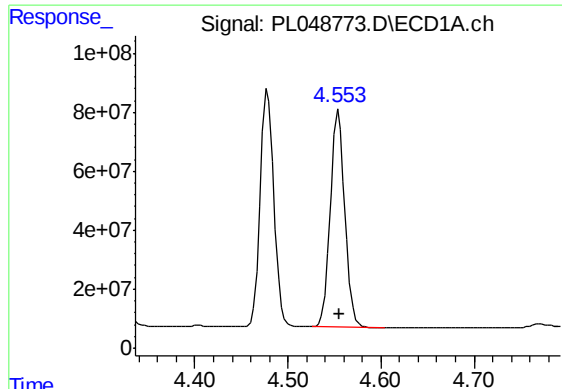
#4 Heptachlor

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 863458909
Conc: 58.69 ng/ml



#4 Heptachlor

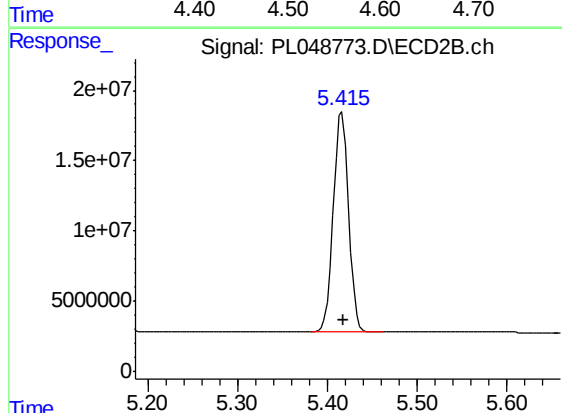
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 211737947
Conc: 61.16 ng/ml



#5 Aldrin

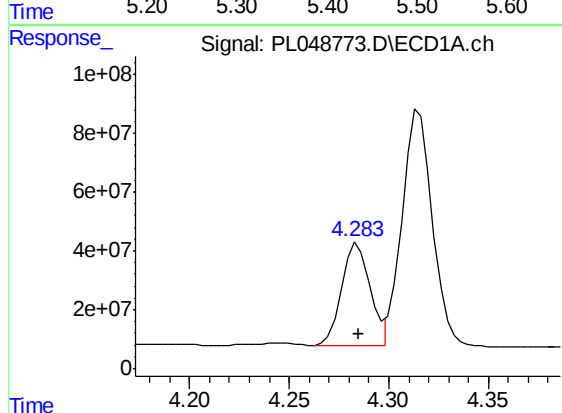
R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 795822042
Conc: 58.08 ng/ml

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



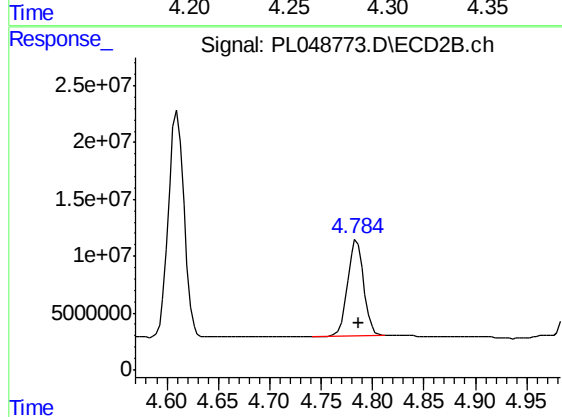
#5 Aldrin

R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 185832199
Conc: 60.01 ng/ml



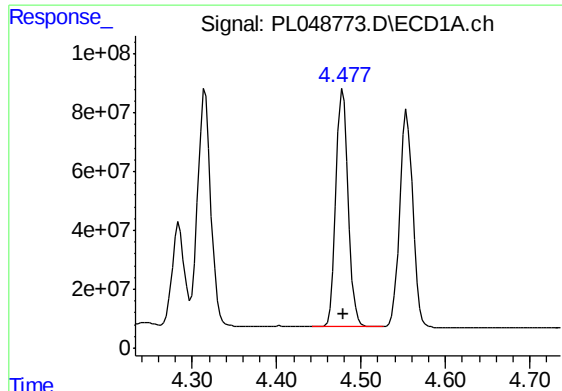
#6 beta-BHC

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 342775624
Conc: 58.08 ng/ml



#6 beta-BHC

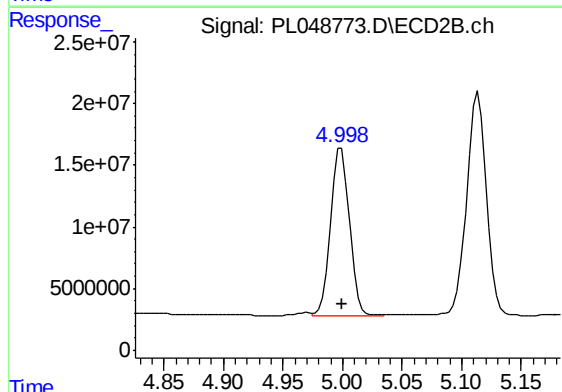
R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 93200854
Conc: 59.90 ng/ml



#7 delta-BHC

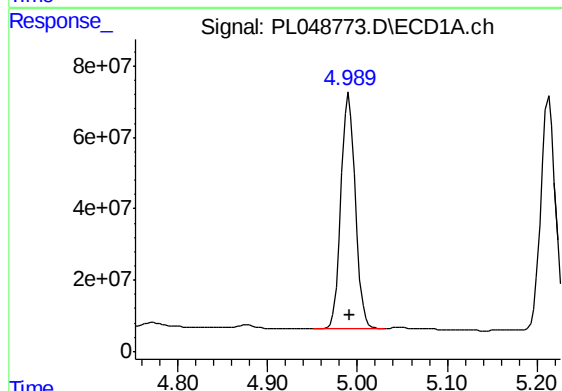
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 815599419
Conc: 57.77 ng/ml

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



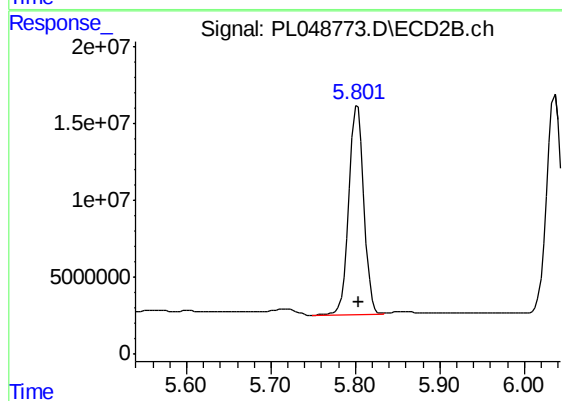
#7 delta-BHC

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 150487147
Conc: 53.22 ng/ml



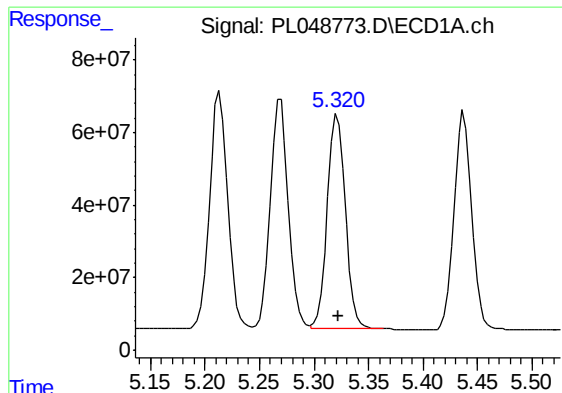
#8 Heptachlor epoxide

R.T.: 4.991 min
Delta R.T.: -0.001 min
Response: 732346567
Conc: 56.84 ng/ml



#8 Heptachlor epoxide

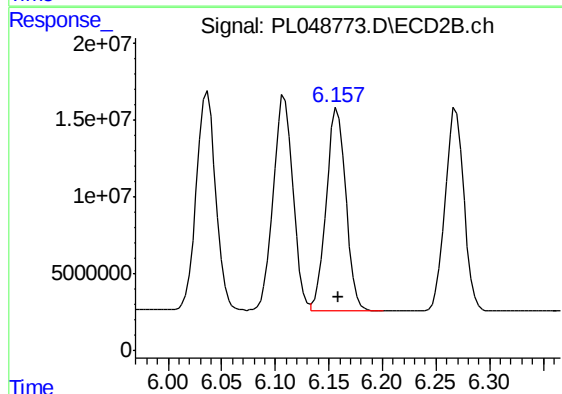
R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 168489029
Conc: 57.77 ng/ml



#9 Endosulfan I

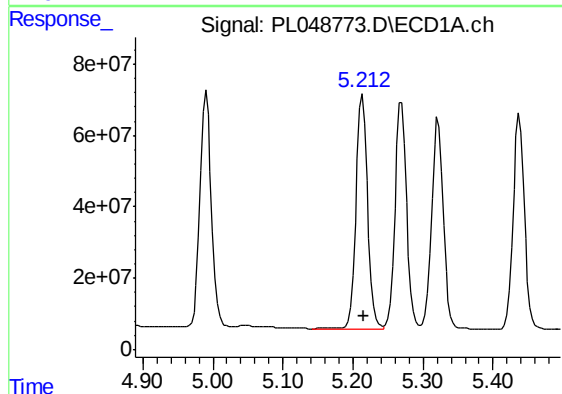
R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 683463897
Conc: 56.81 ng/ml

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



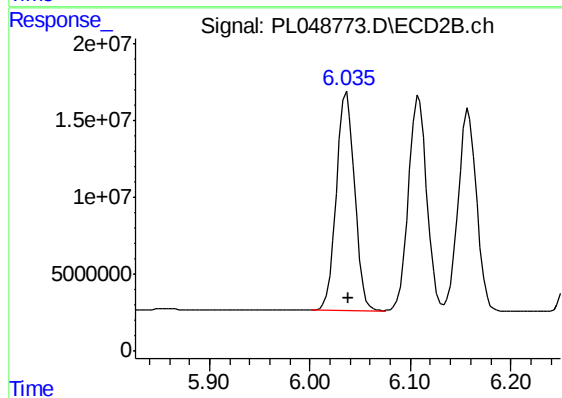
#9 Endosulfan I

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 167251447
Conc: 59.15 ng/ml



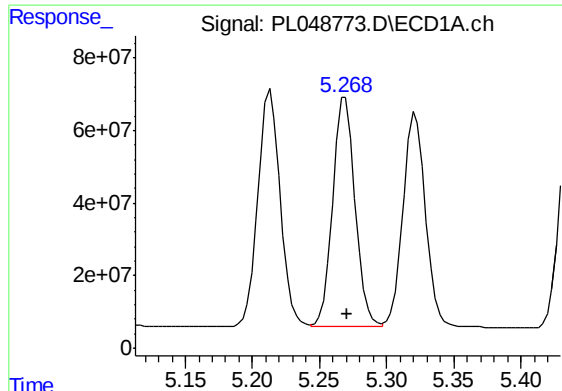
#10 gamma-Chlordane

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 758501030
Conc: 56.81 ng/ml



#10 gamma-Chlordane

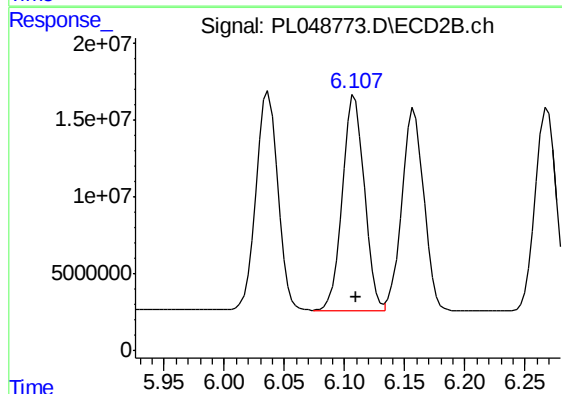
R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 178143954
Conc: 57.86 ng/ml



#11 alpha-Chlordane

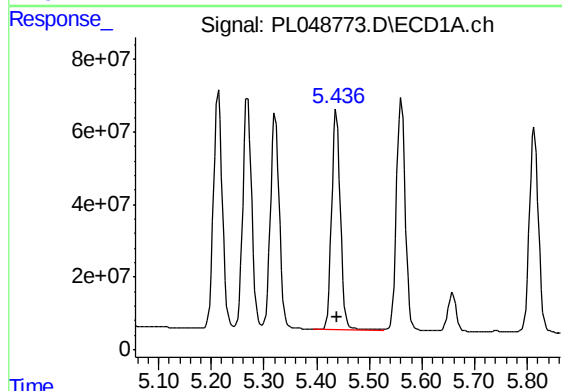
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 731591589
Conc: 55.96 ng/ml

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



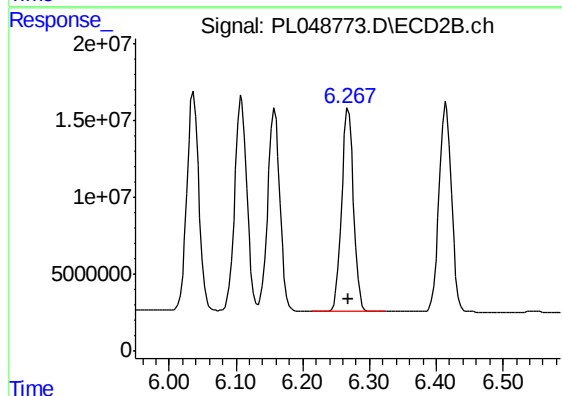
#11 alpha-Chlordane

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 178452692
Conc: 58.16 ng/ml



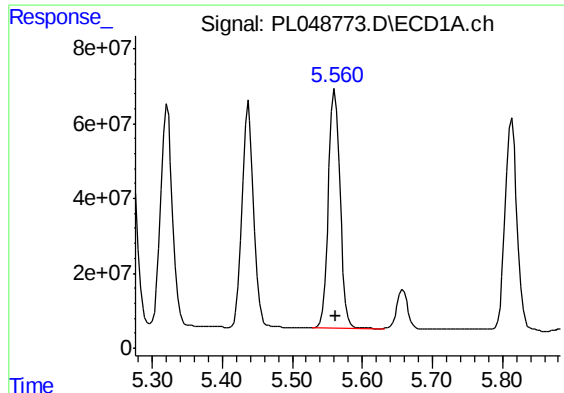
#12 4,4'-DDE

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 686471842
Conc: 54.12 ng/ml



#12 4,4'-DDE

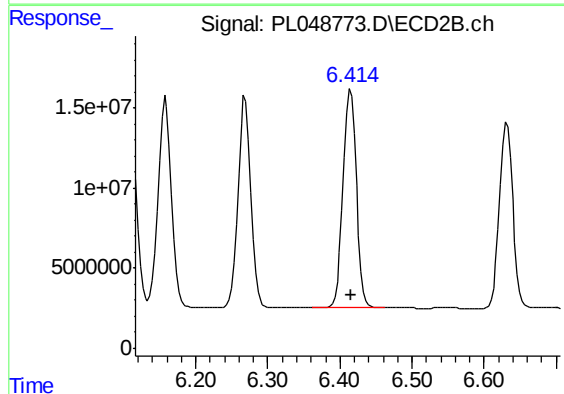
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 163288635
Conc: 59.14 ng/ml



#13 Dielldrin

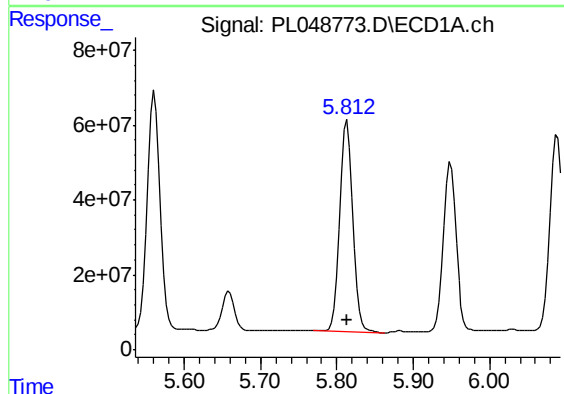
R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 733689028
Conc: 56.35 ng/ml

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



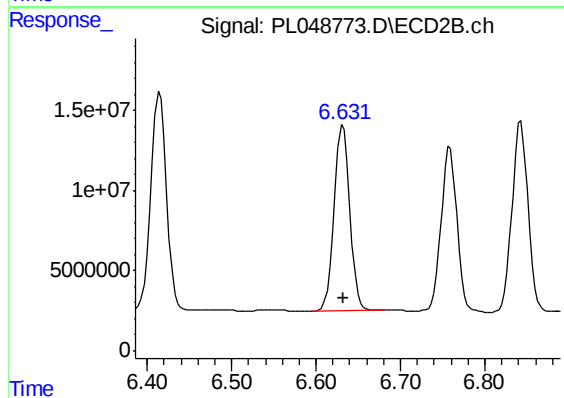
#13 Dielldrin

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 174832996
Conc: 59.60 ng/ml



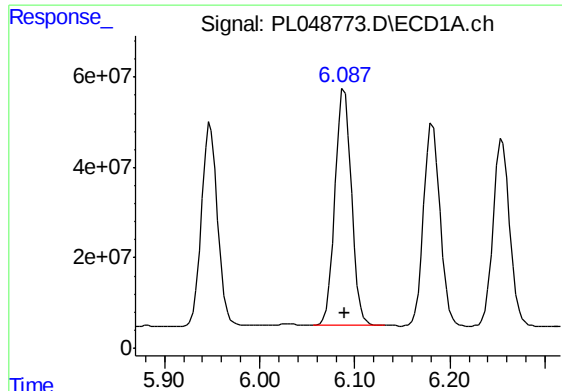
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 672585084
Conc: 55.25 ng/ml



#14 Endrin

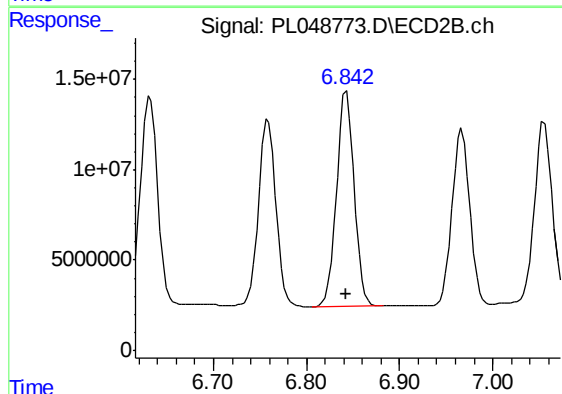
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 149365400
Conc: 57.29 ng/ml



#15 Endosulfan II

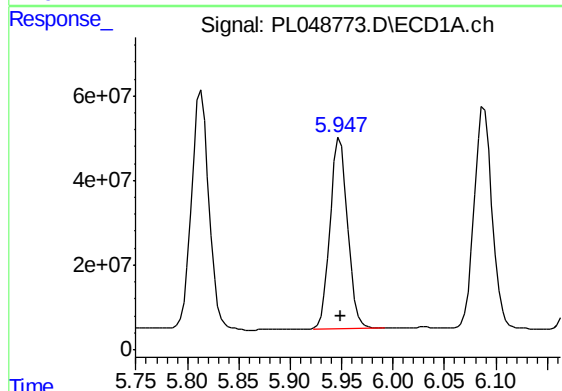
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 634713475
Conc: 55.00 ng/ml

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



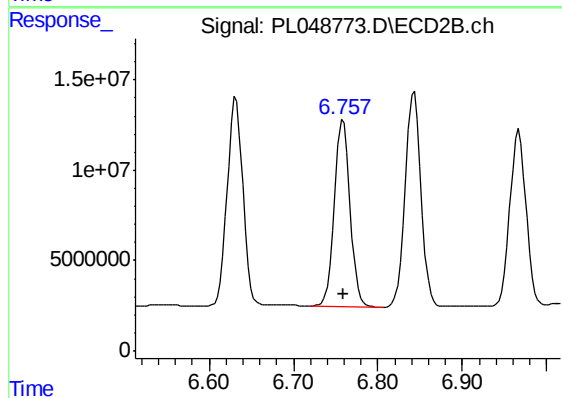
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 156407015
Conc: 58.00 ng/ml



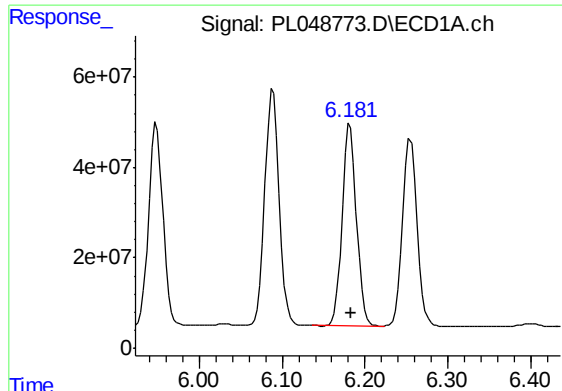
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 535052878
Conc: 54.97 ng/ml



#16 4,4'-DDD

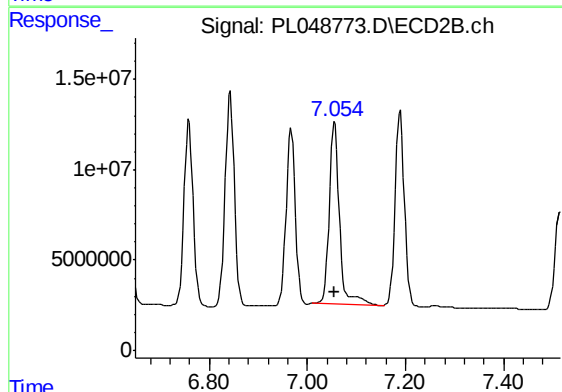
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 133950624
Conc: 59.69 ng/ml



#17 4,4'-DDT

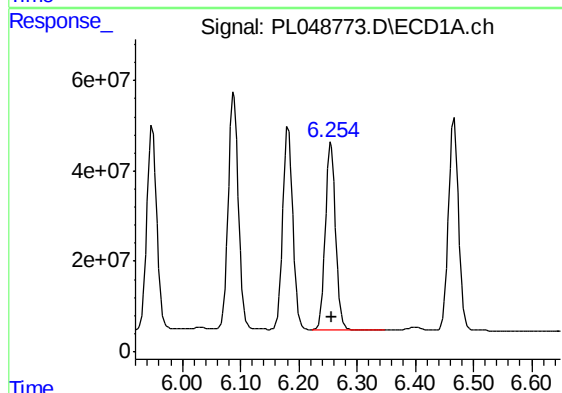
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 543352954
Conc: 54.08 ng/ml

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



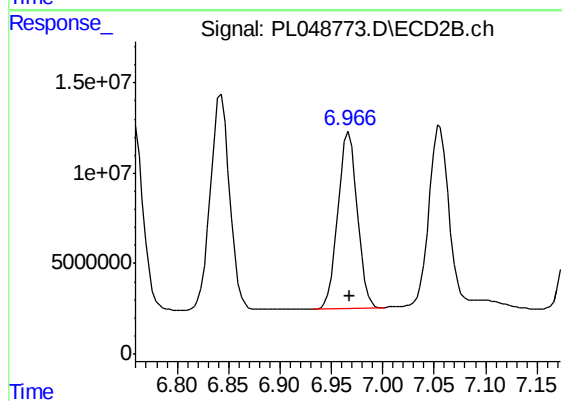
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 147000620
Conc: 62.64 ng/ml



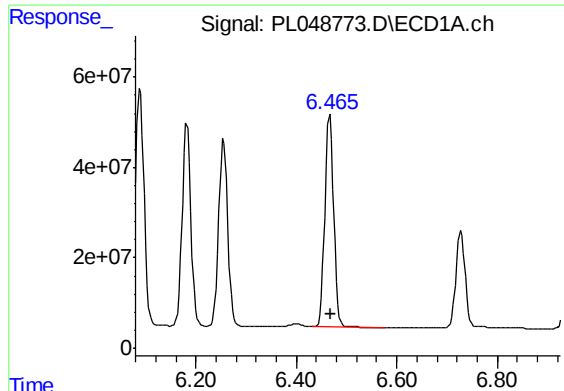
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 510325530
Conc: 52.51 ng/ml



#18 Endrin aldehyde

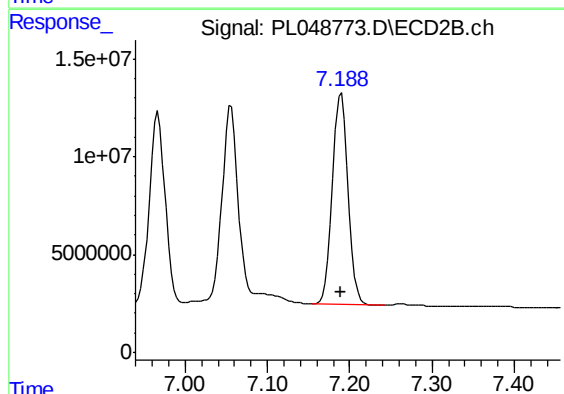
R.T.: 6.967 min
Delta R.T.: 0.000 min
Response: 128500517
Conc: 54.83 ng/ml



#19 Endosulfan Sulfate

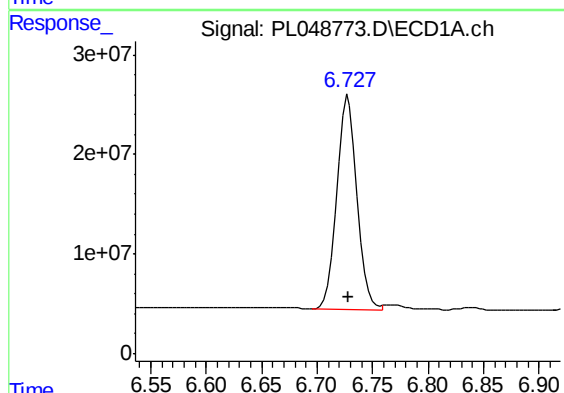
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 572757021
Conc: 53.37 ng/ml

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



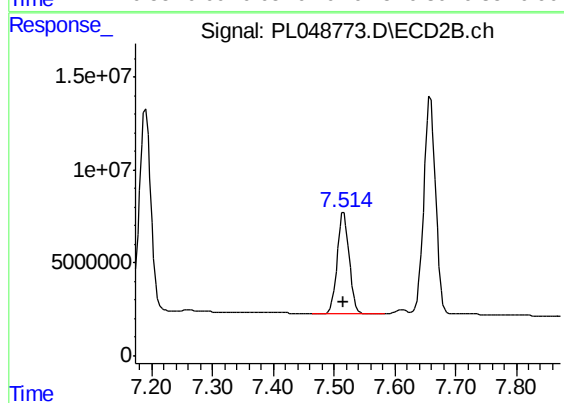
#19 Endosulfan Sulfate

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 142246341
Conc: 54.96 ng/ml



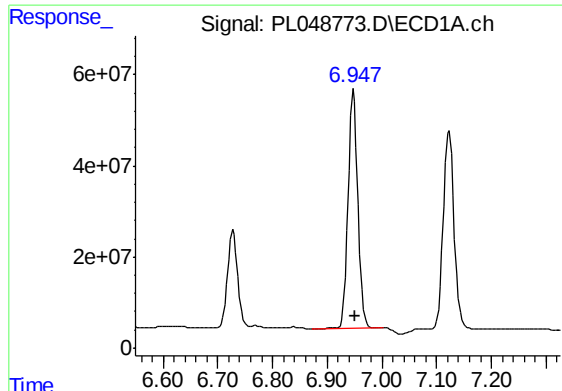
#20 Methoxychlor

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 273715034
Conc: 50.27 ng/ml



#20 Methoxychlor

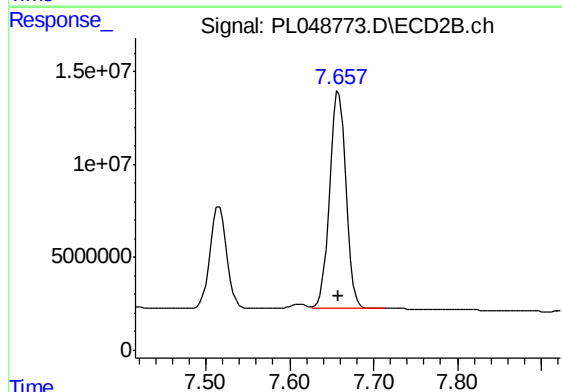
R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 74849518
Conc: 54.83 ng/ml



#21 Endrin ketone

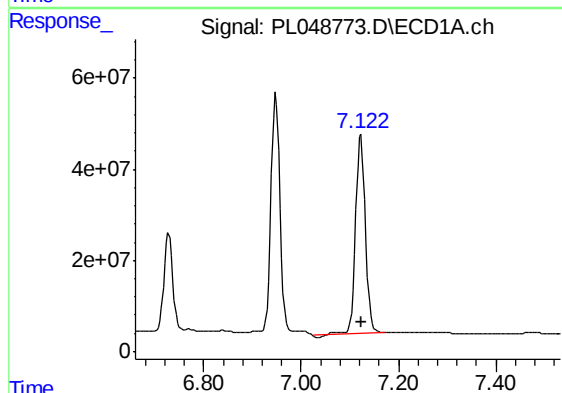
R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 644990270
Conc: 55.34 ng/ml

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



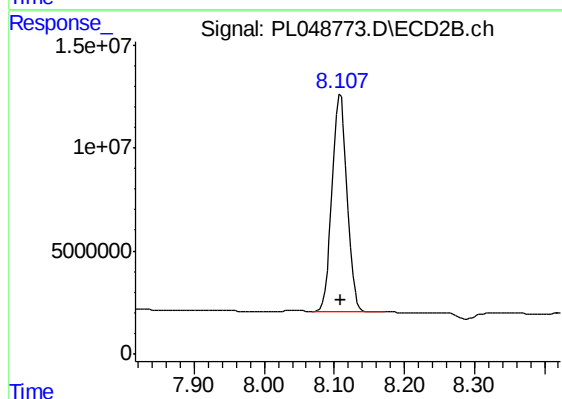
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 159612521
Conc: 61.09 ng/ml



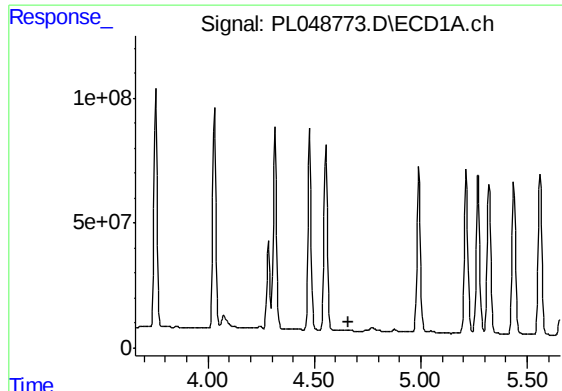
#22 Mirex

R.T.: 7.123 min
Delta R.T.: -0.001 min
Response: 607385032
Conc: 67.76 ng/ml



#22 Mirex

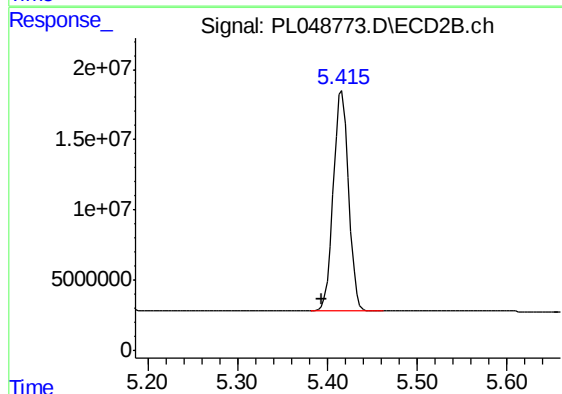
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 157636095
Conc: 74.75 ng/ml



#24 Chlordane-2

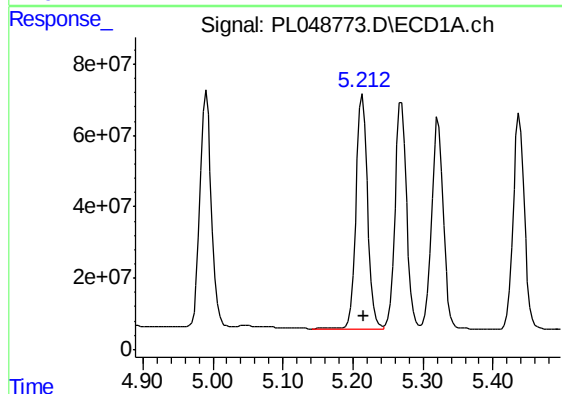
R.T.: 0.000 min
Exp R.T.: 4.658 min
Response: 0
Conc: N.D.

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



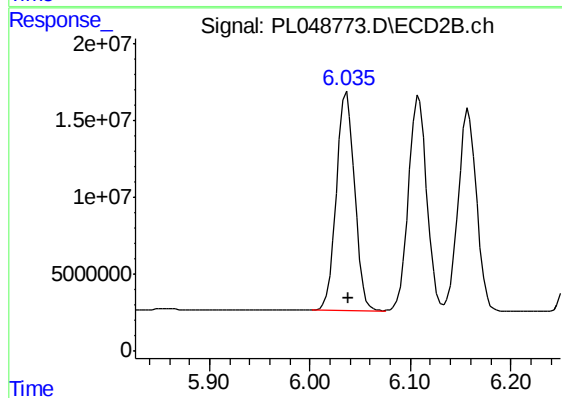
#24 Chlordane-2

R.T.: 5.416 min
Delta R.T.: 0.023 min
Response: 185832199
Conc: 1436.79 ng/ml



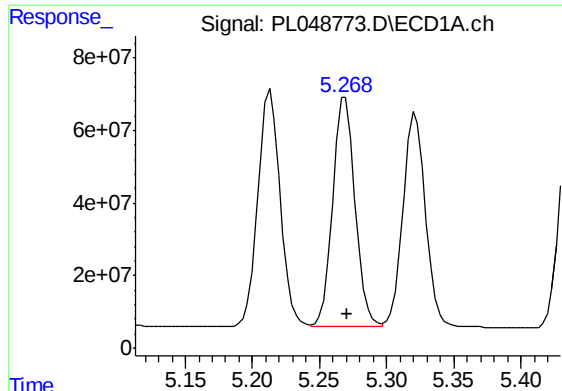
#25 Chlordane-3

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 758501030
Conc: 481.72 ng/ml



#25 Chlordane-3

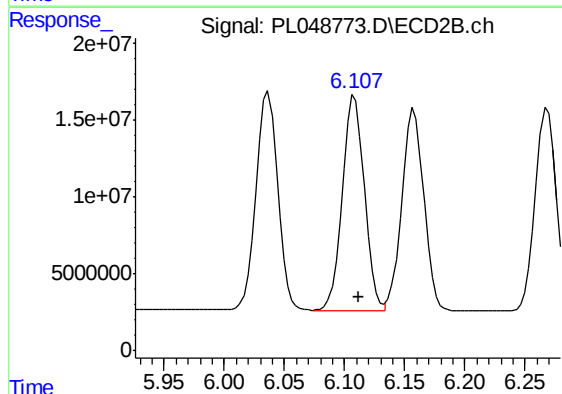
R.T.: 6.037 min
Delta R.T.: -0.001 min
Response: 178143954
Conc: 406.51 ng/ml



#26 Chlordane-4

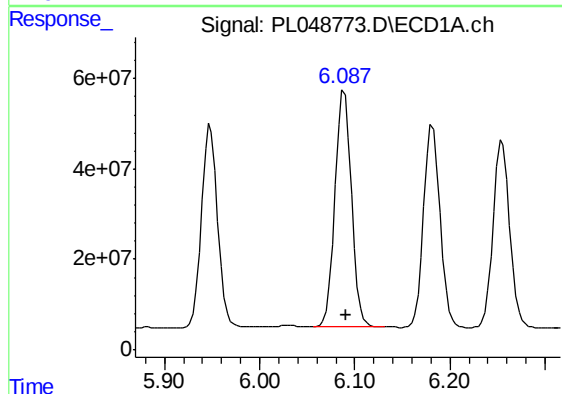
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 731591589
Conc: 503.91 ng/ml

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



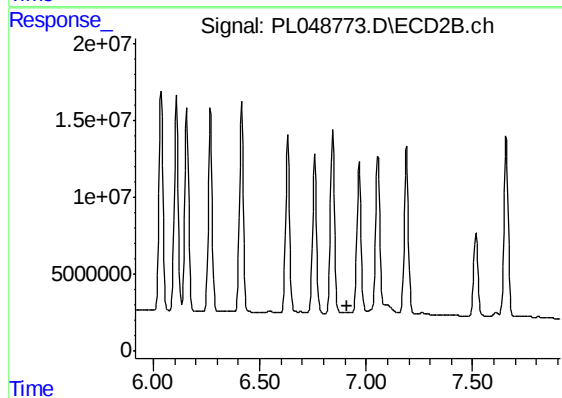
#26 Chlordane-4

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 178452692
Conc: 340.17 ng/ml



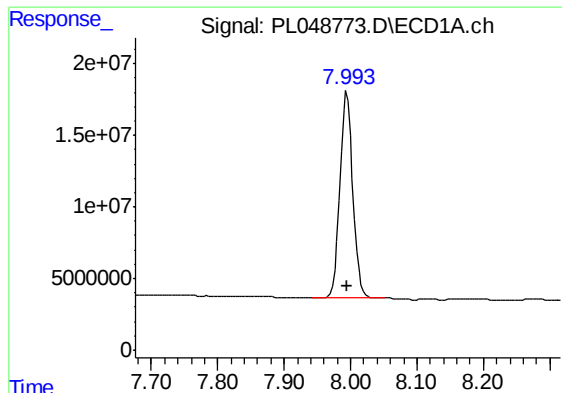
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 634713475
Conc: 1351.73 ng/ml



#27 Chlordane-5

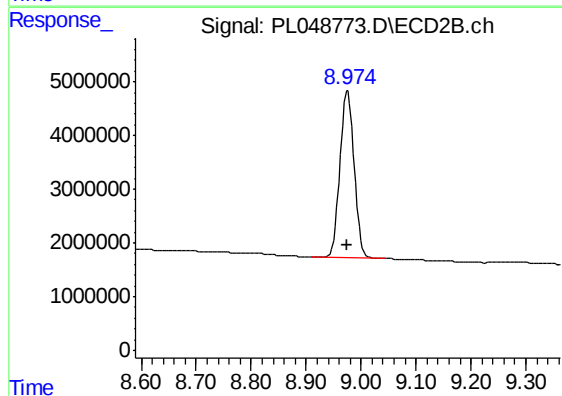
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 195321934
Conc: 19.43 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 55934714
Conc: 21.07 ng/ml