

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111819\
 Data File : PL054401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2019 19:31
 Operator : SG\AJ
 Sample : K5904-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1-(4-6)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 05:52:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111819.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 19 01:04:14 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...	3.540	4.044	254.6E6	63960783	24.483	26.254
28)	SA Decachlor...	8.324	9.126	219.2E6	60804185	24.764	25.149
Target Compounds							
2)	A alpha-BHC	3.983	4.436	1160.5E6	243.1E6	68.120	72.188
3)	MA gamma-BHC...	4.270	4.721	1057.7E6	223.0E6	70.399	72.523
4)	MA Heptachlor	4.576	5.231	1075.7E6	203.7E6	70.249	70.868
5)	MB Aldrin	4.828	5.537	990.5E6	190.6E6	70.689	72.208
6)	B beta-BHC	4.520	4.892	436.2E6	99309757	67.847	66.282
7)	B delta-BHC	4.729	5.110	952.8E6	165.6E6	68.027	65.736
8)	B Heptachlo...	5.273	5.923	914.5E6	168.8E6	70.805	71.034
9)	A Endosulfan I	5.615	6.281	824.3E6	209.3E6	69.585	89.296 #
10)	B gamma-Chl...	5.502	6.158	935.2E6	186.8E6	72.837	75.075
11)	B alpha-Chl...	5.560	6.230	1141.0E6	191.1E6	90.924	76.786
12)	B 4,4'-DDE	5.723	6.387	818.8E6	170.9E6	70.786	71.528
13)	MA Dieldrin	5.860	6.538	868.4E6	173.6E6	71.011	71.686
14)	MA Endrin	6.118	6.756	777.4E6	149.7E6	70.374	70.646
15)	B Endosulfa...	6.392	6.965	702.5E6	153.1E6	67.074	70.433
16)	A 4,4'-DDD	6.241	6.877	586.0E6	130.2E6	71.044	73.558
17)	MA 4,4'-DDT	6.484	7.176	653.5E6	141.1E6	72.078	71.948
18)	B Endrin al...	6.559	7.089	558.8E6	126.3E6	65.244	66.790
19)	B Endosulfa...	6.774	7.312	622.6E6	141.2E6	66.488	68.363
20)	A Methoxychlor	7.028	7.634	315.5E6	79779537	68.929	71.497
21)	B Endrin ke...	7.267	7.784	680.0E6	159.2E6	67.693	70.303
22)	Mirex	7.460	8.239	538.5E6	126.8E6	70.706	74.880
23)	Chlordane-1	4.442f	0.000	7318328	0	18.842	N.D. #
24)	Chlordane-2	0.000	5.537f	0	190.6E6	N.D.	2010.407 #
25)	Chlordane-3	5.502	6.158	935.2E6	186.8E6	759.584	560.740 #
26)	Chlordane-4	5.560	6.230	1141.0E6	191.1E6	1125.533	471.788 #
27)	Chlordane-5	6.392	0.000	702.5E6	0	1904.750	N.D. #

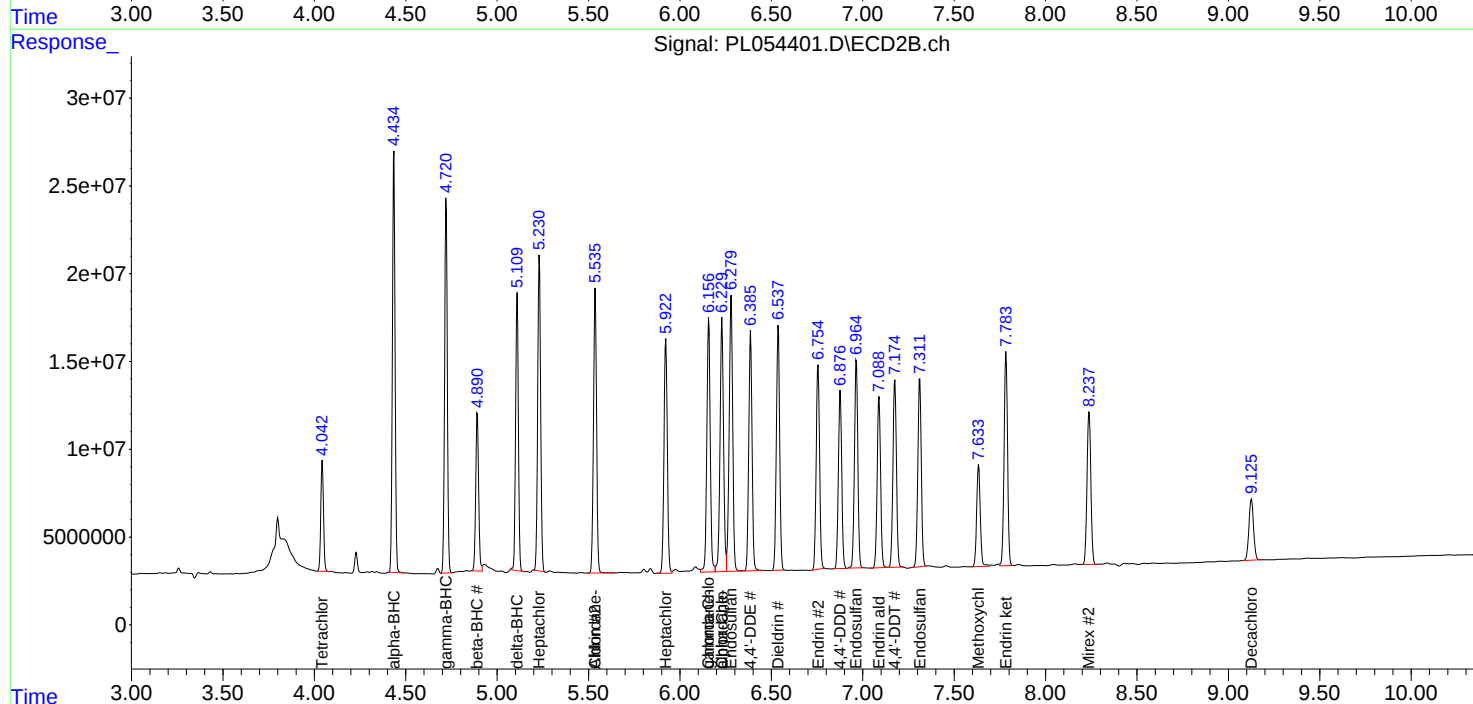
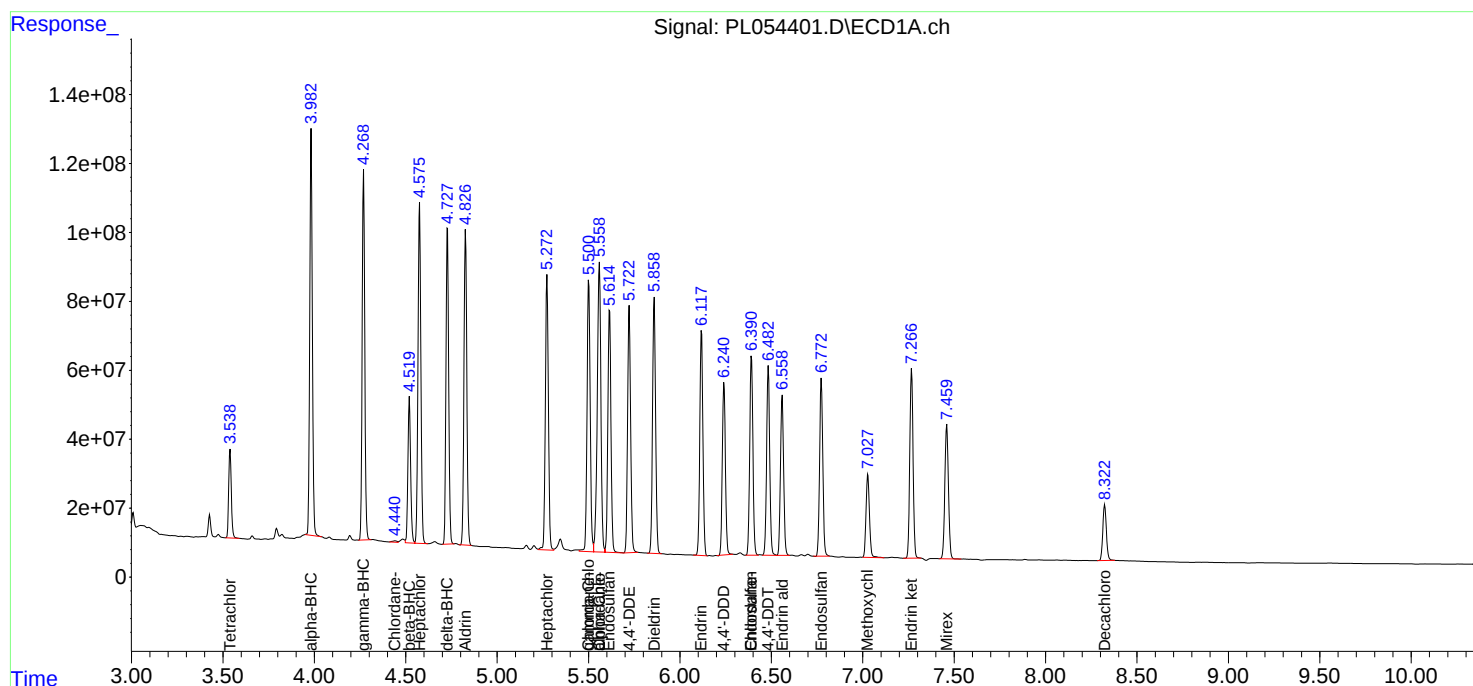
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

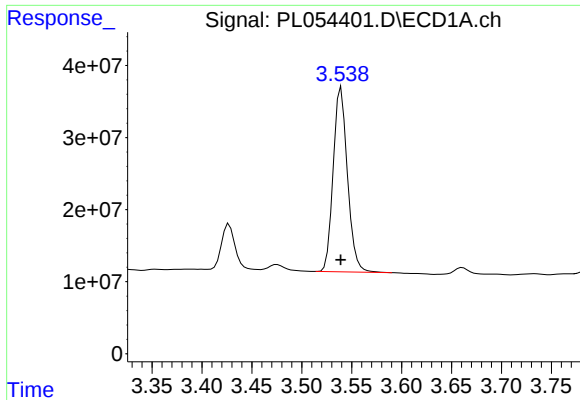
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111819\
Data File : PL054401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2019 19:31
Operator : SG\AJ
Sample : K5904-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 05:52:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111819.M
Quant Title : GC Extractables
QLast Update : Tue Nov 19 01:04:14 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

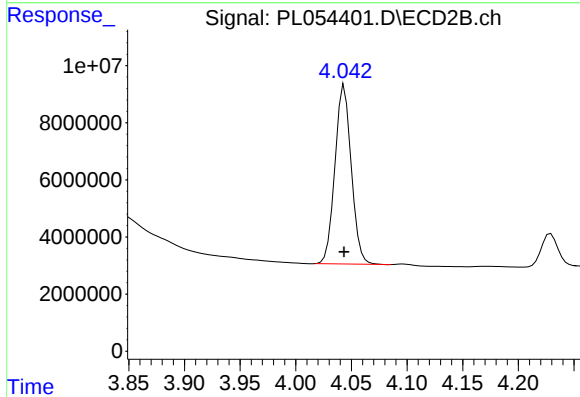




#1 Tetrachloro-m-xylene

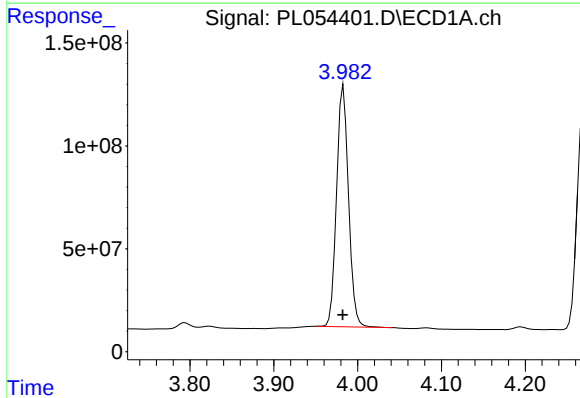
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 254556231
Conc: 24.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



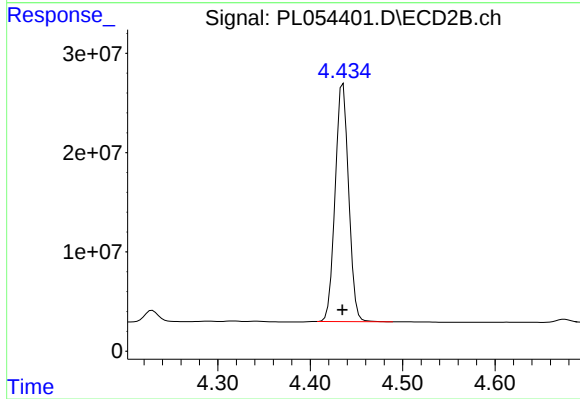
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 63960783
Conc: 26.25 ng/ml



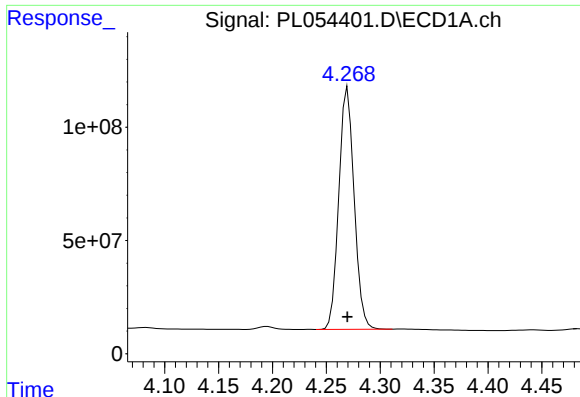
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 1160477957
Conc: 68.12 ng/ml



#2 alpha-BHC

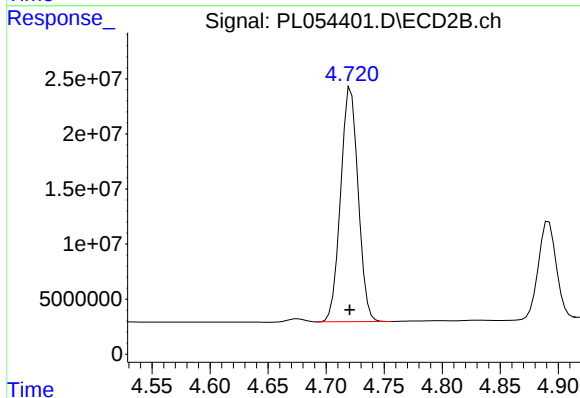
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 243058485
Conc: 72.19 ng/ml



#3 gamma-BHC (Lindane)

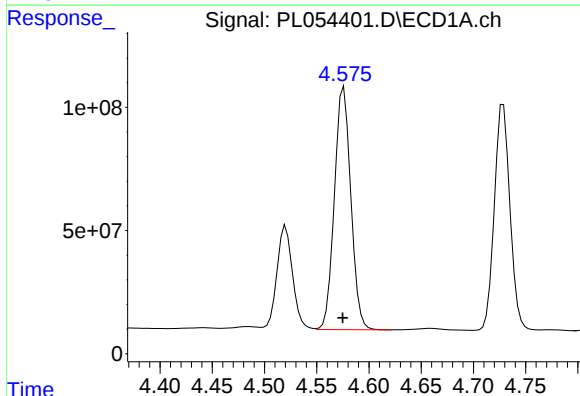
R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 1057710179
Conc: 70.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



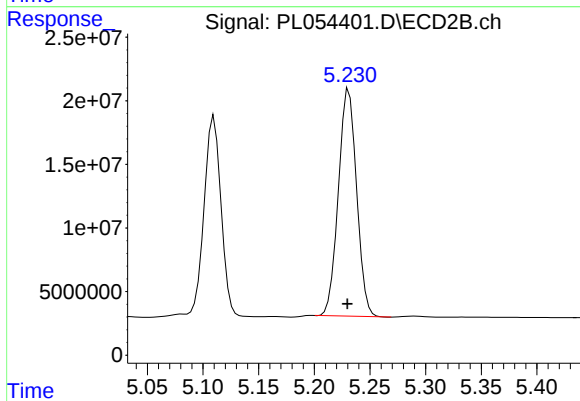
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 222993185
Conc: 72.52 ng/ml



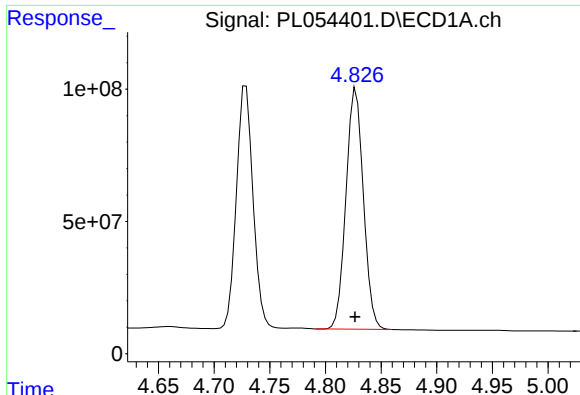
#4 Heptachlor

R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 1075711873
Conc: 70.25 ng/ml



#4 Heptachlor

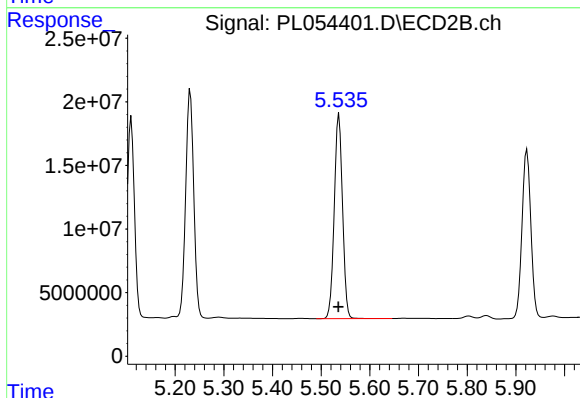
R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 203653343
Conc: 70.87 ng/ml



#5 Aldrin

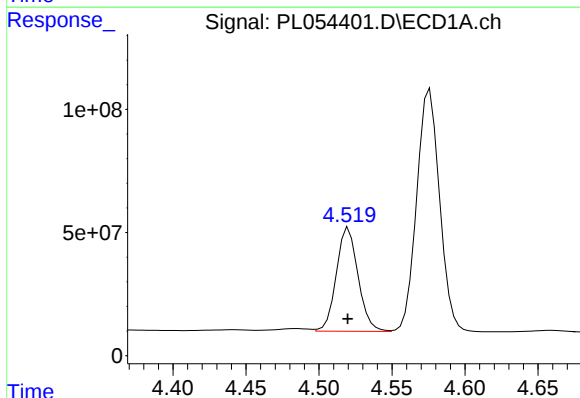
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 990531089
Conc: 70.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



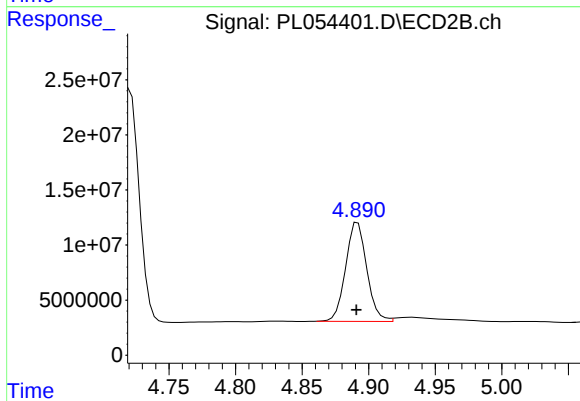
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: 0.001 min
Response: 190590447
Conc: 72.21 ng/ml



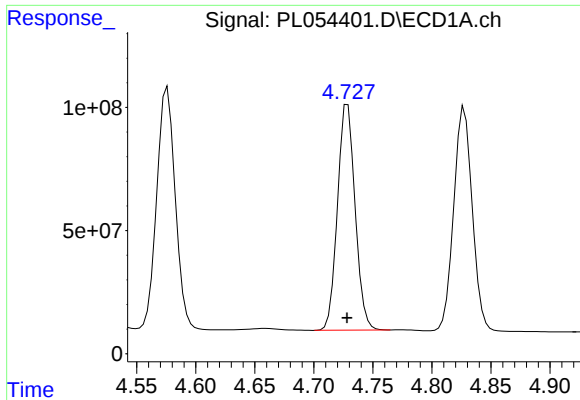
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 436188985
Conc: 67.85 ng/ml



#6 beta-BHC

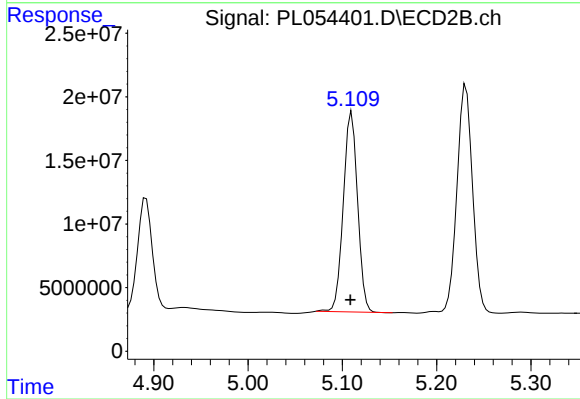
R.T.: 4.892 min
Delta R.T.: 0.001 min
Response: 99309757
Conc: 66.28 ng/ml



#7 delta-BHC

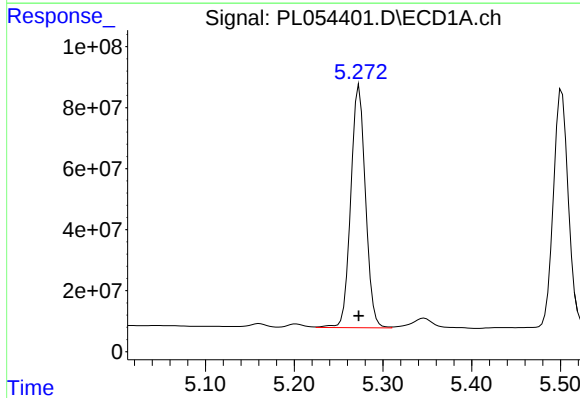
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 952759711
Conc: 68.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



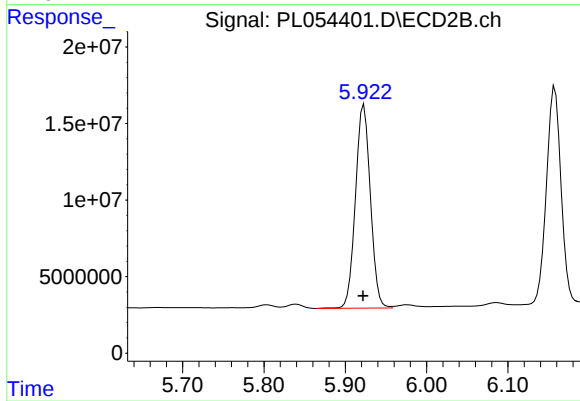
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.002 min
Response: 165592065
Conc: 65.74 ng/ml



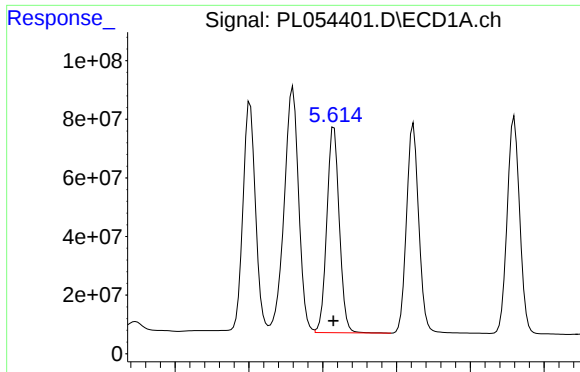
#8 Heptachlor epoxide

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 914486924
Conc: 70.80 ng/ml



#8 Heptachlor epoxide

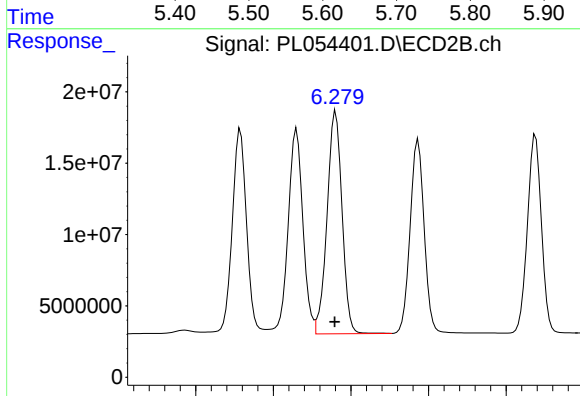
R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 168823857
Conc: 71.03 ng/ml



#9 Endosulfan I

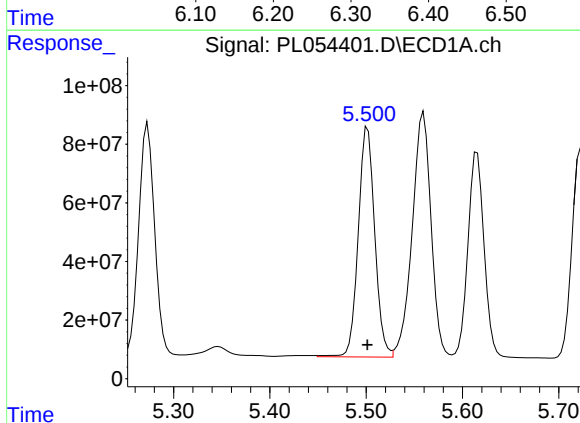
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 824304139
Conc: 69.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



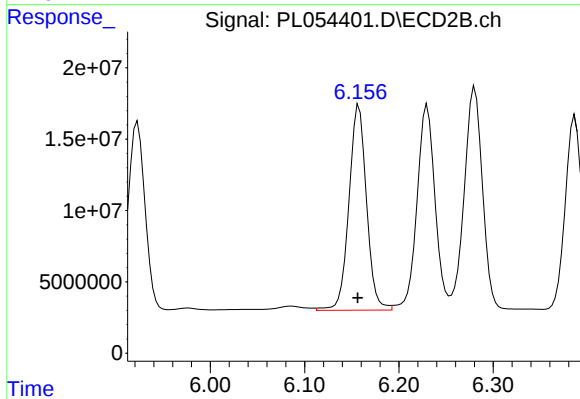
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.001 min
Response: 209345647
Conc: 89.30 ng/ml



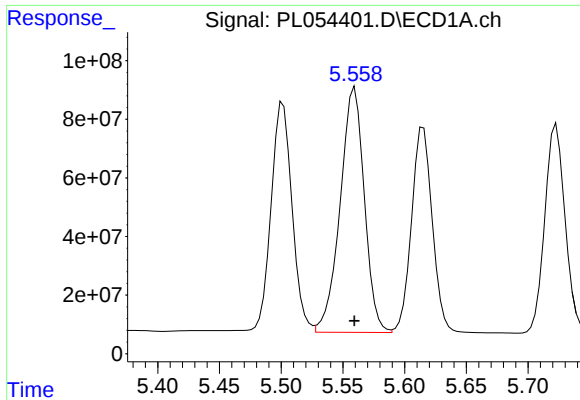
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 935204126
Conc: 72.84 ng/ml



#10 gamma-Chlordane

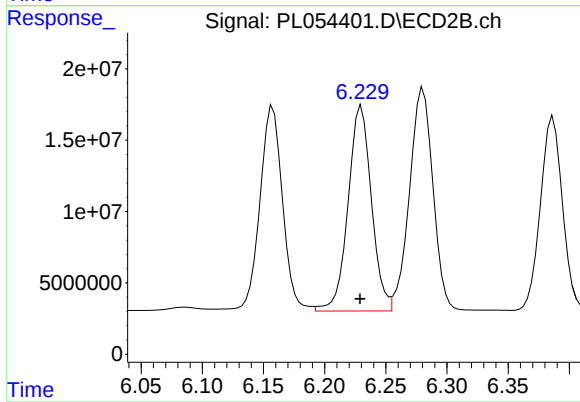
R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 186819497
Conc: 75.07 ng/ml



#11 alpha-Chlordane

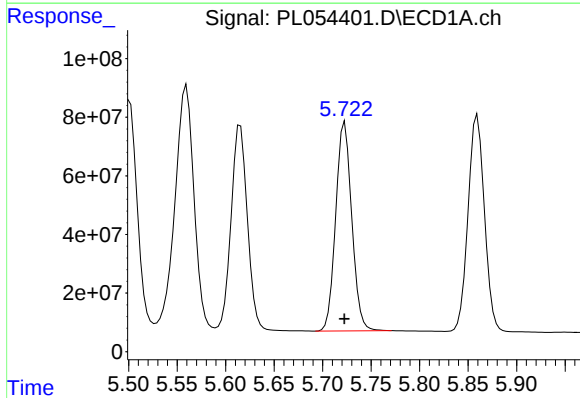
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 1141048575
Conc: 90.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



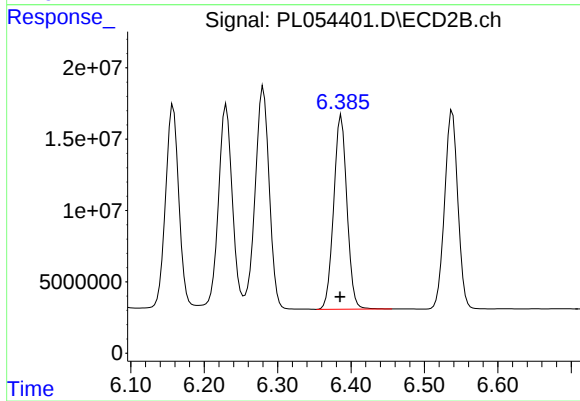
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 191127618
Conc: 76.79 ng/ml



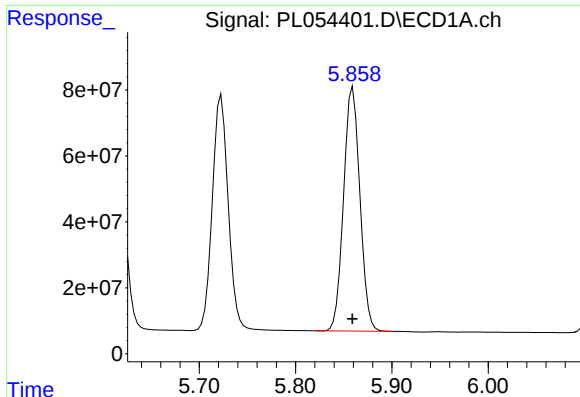
#12 4,4'-DDE

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 818751166
Conc: 70.79 ng/ml



#12 4,4'-DDE

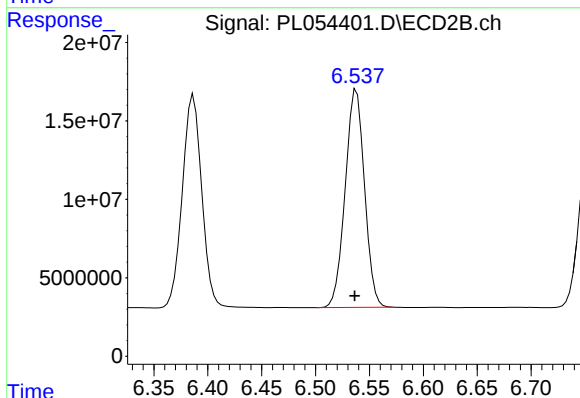
R.T.: 6.387 min
Delta R.T.: 0.002 min
Response: 170866415
Conc: 71.53 ng/ml



#13 Dieldrin

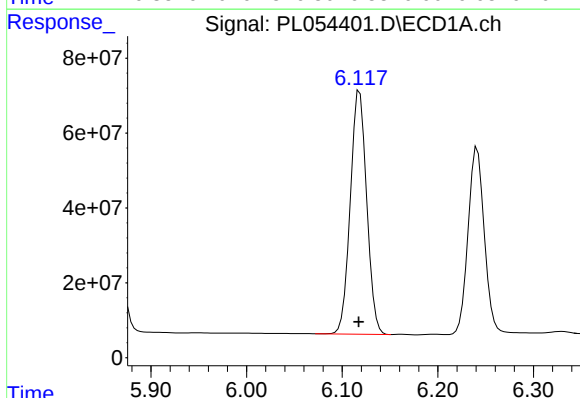
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 868404641
Conc: 71.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



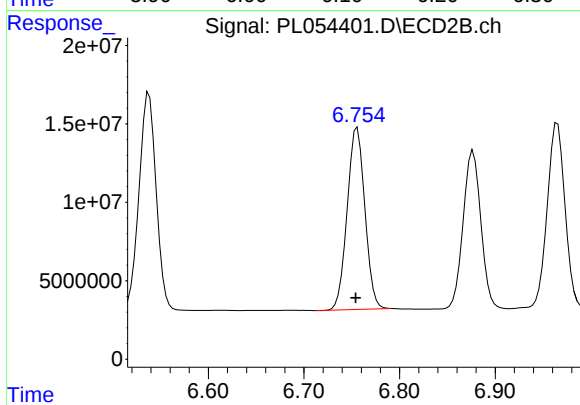
#13 Dieldrin

R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 173607057
Conc: 71.69 ng/ml



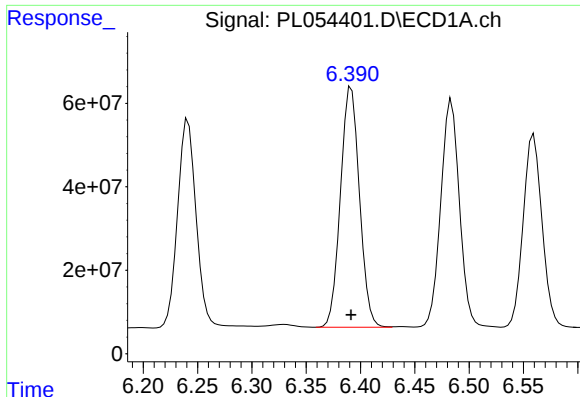
#14 Endrin

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 777357728
Conc: 70.37 ng/ml



#14 Endrin

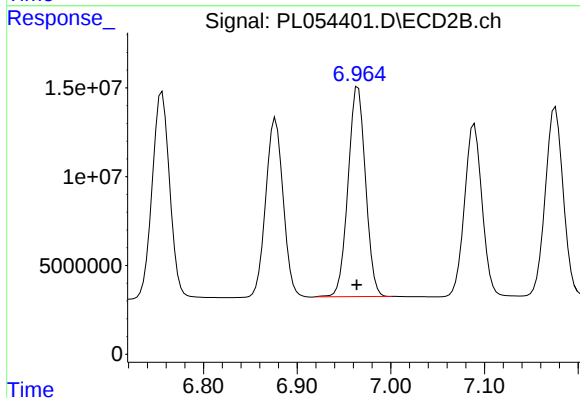
R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 149747616
Conc: 70.65 ng/ml



#15 Endosulfan II

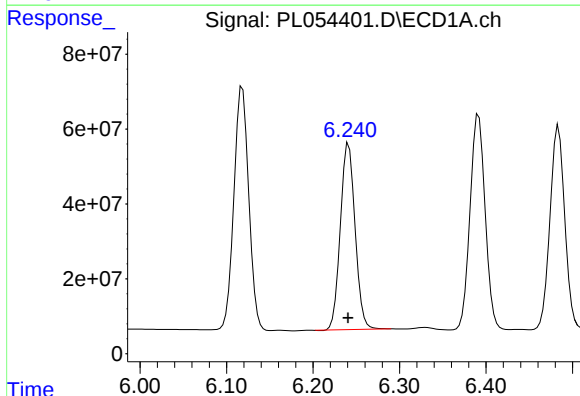
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 702540923
Conc: 67.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



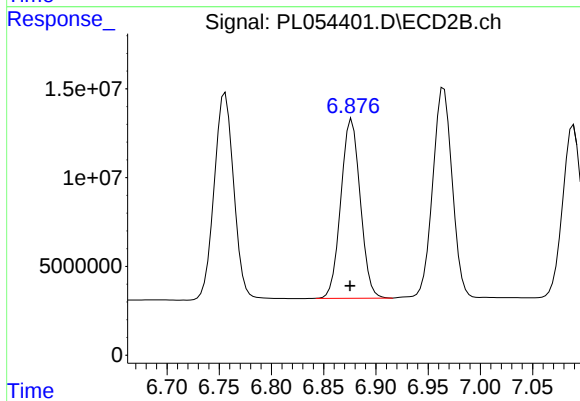
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.002 min
Response: 153113079
Conc: 70.43 ng/ml



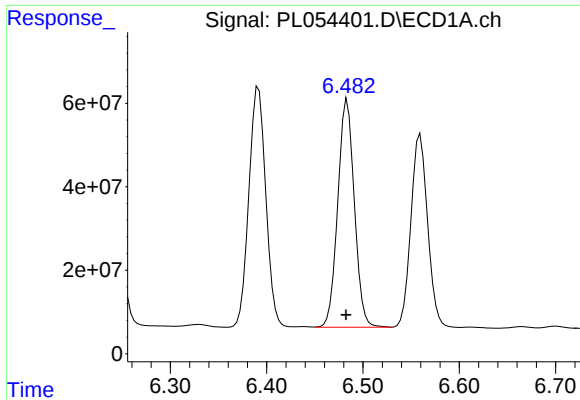
#16 4,4'-DDD

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 585995053
Conc: 71.04 ng/ml



#16 4,4'-DDD

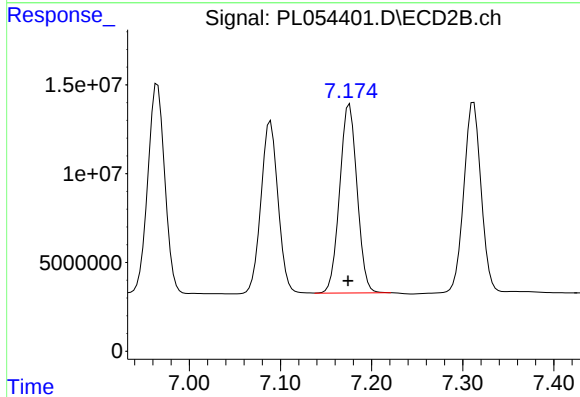
R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 130171022
Conc: 73.56 ng/ml



#17 4,4'-DDT

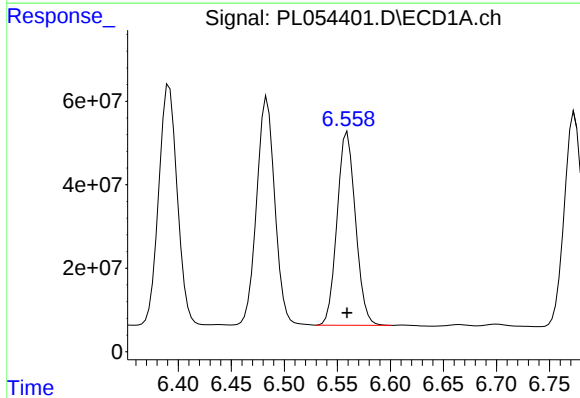
R.T.: 6.484 min
Delta R.T.: 0.001 min
Response: 653490107
Conc: 72.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



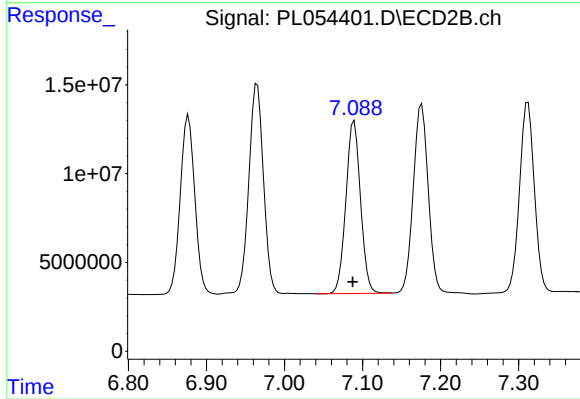
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 141132858
Conc: 71.95 ng/ml



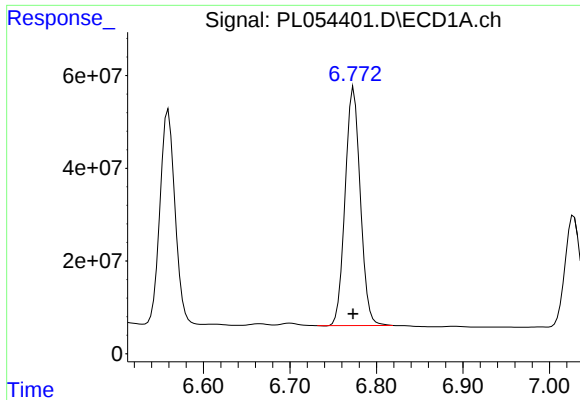
#18 Endrin aldehyde

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 558771575
Conc: 65.24 ng/ml



#18 Endrin aldehyde

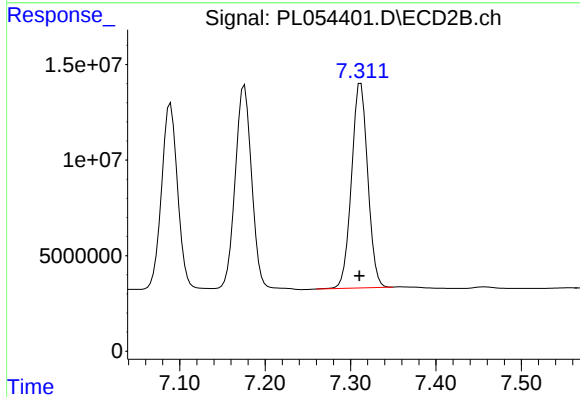
R.T.: 7.089 min
Delta R.T.: 0.002 min
Response: 126340436
Conc: 66.79 ng/ml



#19 Endosulfan Sulfate

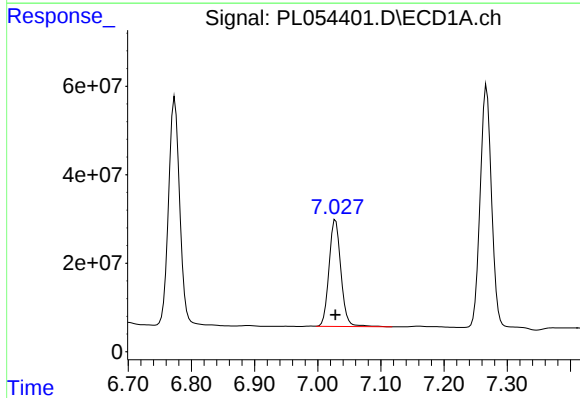
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 622640939
Conc: 66.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



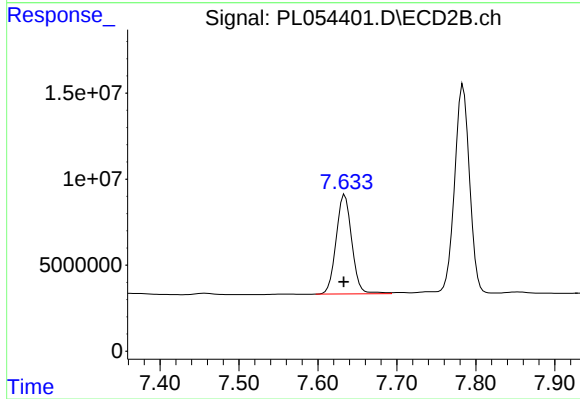
#19 Endosulfan Sulfate

R.T.: 7.312 min
Delta R.T.: 0.002 min
Response: 141199557
Conc: 68.36 ng/ml



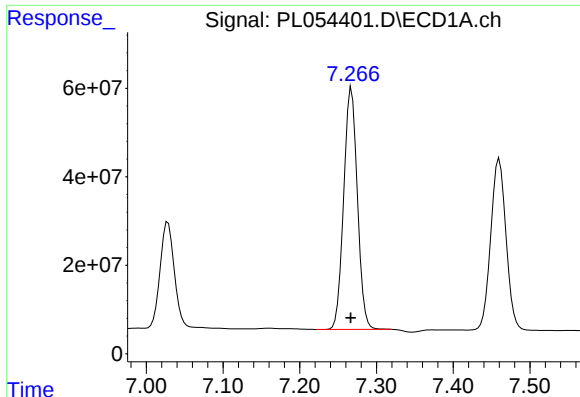
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 315475864
Conc: 68.93 ng/ml



#20 Methoxychlor

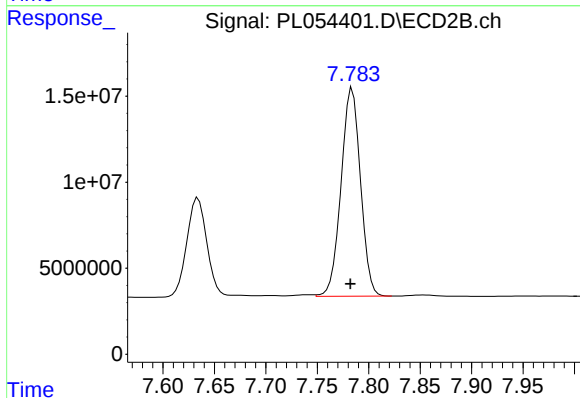
R.T.: 7.634 min
Delta R.T.: 0.002 min
Response: 79779537
Conc: 71.50 ng/ml



#21 Endrin ketone

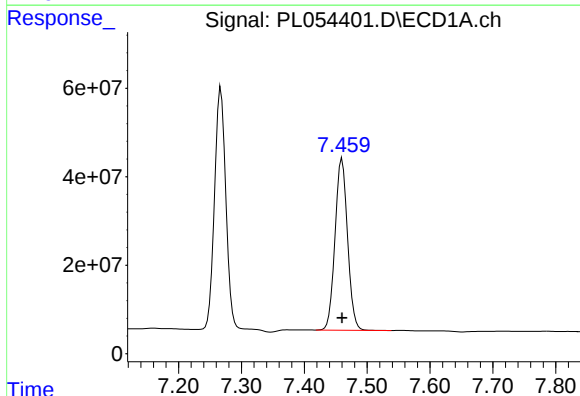
R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 680009296
Conc: 67.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



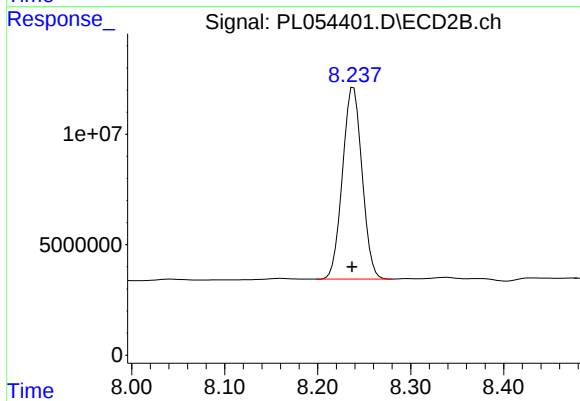
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 159205879
Conc: 70.30 ng/ml



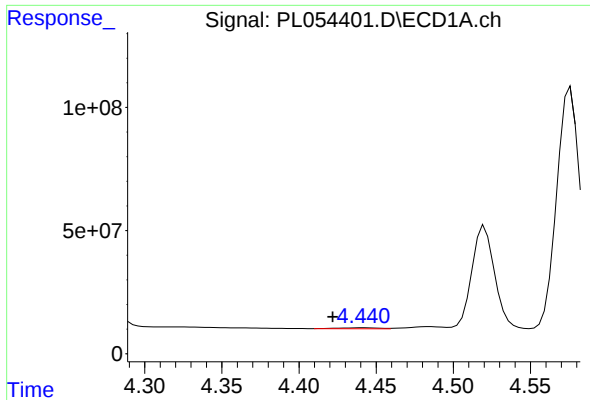
#22 Mirex

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 538544401
Conc: 70.71 ng/ml



#22 Mirex

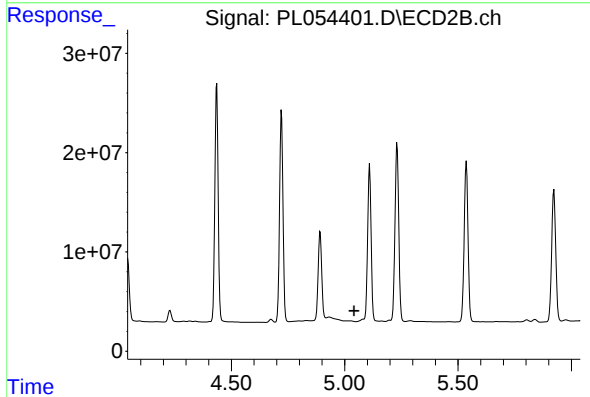
R.T.: 8.239 min
Delta R.T.: 0.002 min
Response: 126840192
Conc: 74.88 ng/ml



#23 Chlordane-1

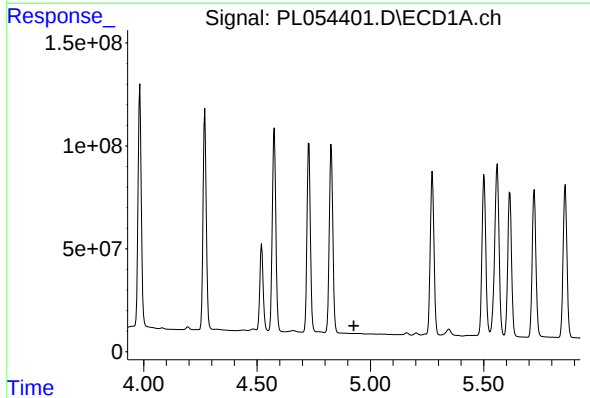
R.T.: 4.442 min
Delta R.T.: 0.020 min
Response: 7318328
Conc: 18.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



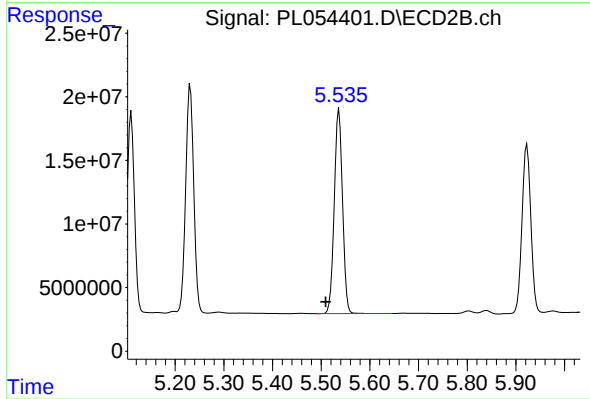
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.041 min
Response: 0
Conc: N.D.



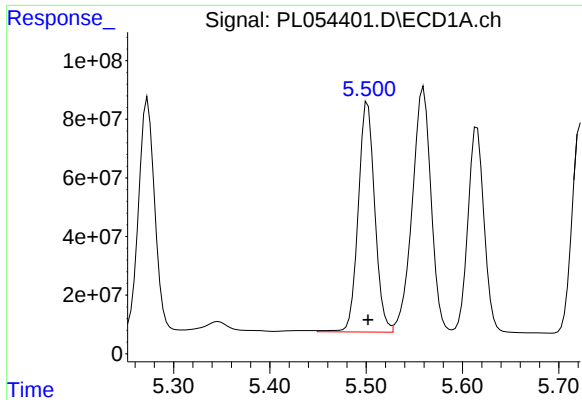
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#24 Chlordane-2

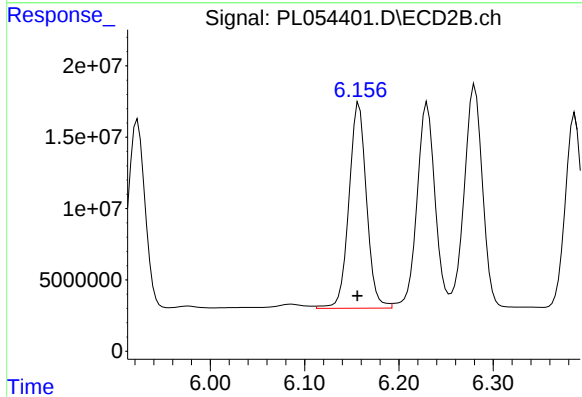
R.T.: 5.537 min
Delta R.T.: 0.027 min
Response: 190590447
Conc: 2010.41 ng/ml



#25 Chlordane-3

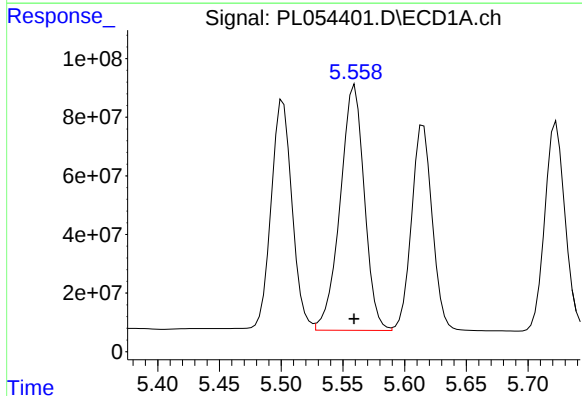
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 935204126
Conc: 759.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



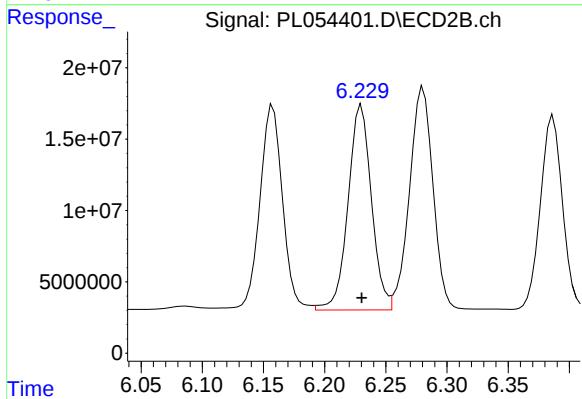
#25 Chlordane-3

R.T.: 6.158 min
Delta R.T.: 0.002 min
Response: 186819497
Conc: 560.74 ng/ml



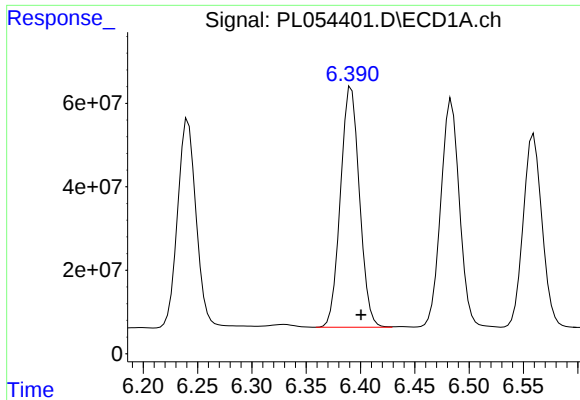
#26 Chlordane-4

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 1141048575
Conc: 1125.53 ng/ml



#26 Chlordane-4

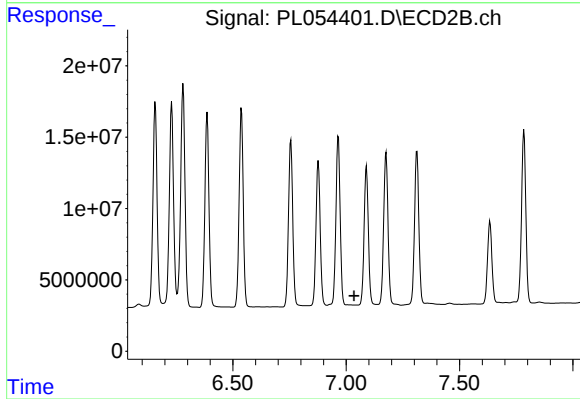
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 191127618
Conc: 471.79 ng/ml



#27 Chlordane-5

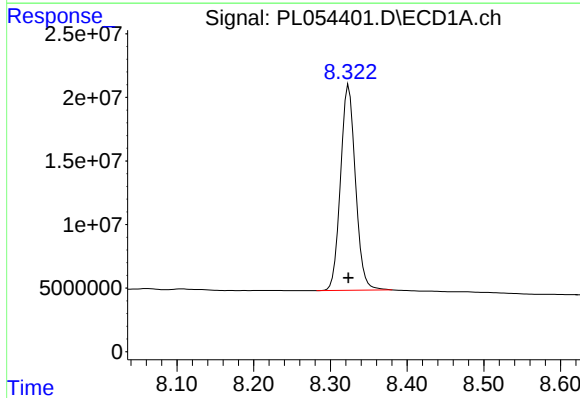
R.T.: 6.392 min
Delta R.T.: -0.009 min
Response: 702540923
Conc: 1904.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-(4-6)MSD



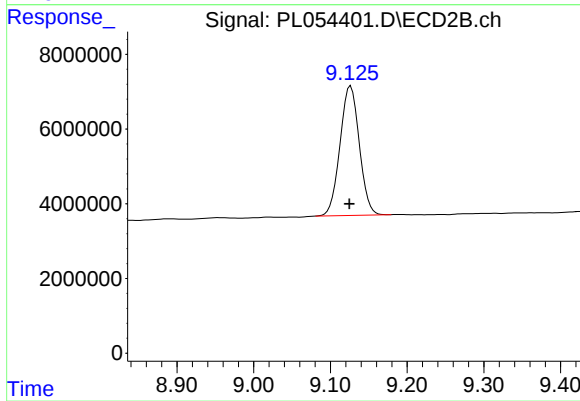
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 219179591
Conc: 24.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 60804185
Conc: 25.15 ng/ml