

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111219\
 Data File : PL054205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2019 16:36
 Operator : SG\AJ
 Sample : K5789-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 00:32:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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	4.043	237.6E6	59708237	21.917	23.861
2)	SA Decachlor...	8.325	9.124	185.1E6	54162588	18.867	19.234
Target Compounds							
2)	A alpha-BHC	3.984	4.436	1010.0E6	212.7E6	57.922	61.537
3)	MA gamma-BHC...	4.270	4.721	909.3E6	198.9E6	58.390	61.751
4)	MA Heptachlor	4.577	5.230	904.9E6	181.9E6	57.337	56.441
5)	MB Aldrin	4.828	5.535	826.6E6	169.6E6	57.824	56.868
6)	B beta-BHC	4.521	4.891	366.8E6	89212910	55.666	57.757
7)	B delta-BHC	4.730	5.109	764.3E6	145.6E6	50.213	48.190
8)	B Heptachlo...	5.274	5.922	758.1E6	143.3E6	56.157	49.124
9)	A Endosulfan I	5.616	6.279	661.3E6	142.2E6	53.796	52.460
10)	B gamma-Chl...	5.502	6.156	736.5E6	151.5E6	53.978	51.907
11)	B alpha-Chl...	5.561	6.229	704.9E6	150.9E6	52.983	51.708
12)	B 4,4'-DDE	5.724	6.385	669.6E6	148.6E6	56.355	52.777
13)	MA Dieldrin	5.860	6.536	703.3E6	150.6E6	53.959	52.788
14)	MA Endrin	6.119	6.754	639.9E6	130.5E6	55.207	53.768
15)	B Endosulfa...	6.392	6.964	570.4E6	132.0E6	51.020	51.679
16)	A 4,4'-DDD	6.242	6.875	490.3E6	114.6E6	55.086	54.997
17)	MA 4,4'-DDT	6.484	7.174	524.7E6	123.1E6	52.966	53.252
18)	B Endrin al...	6.561	7.087	451.7E6	111.9E6	49.259	50.925
19)	B Endosulfa...	6.774	7.310	501.6E6	120.3E6	49.317	49.048
20)	A Methoxychlor	7.029	7.632	260.0E6	67356832	52.743	51.856
21)	B Endrin ke...	7.268	7.782	542.5E6	133.7E6	50.392	51.872
22)	Mirex	7.461	8.236	441.7E6	106.8E6	51.641	52.777
23)	Chlordane-1	4.443f	0.000	3214231	0	9.063	N.D. #
24)	Chlordane-2	0.000	5.535f	0	169.6E6	N.D.	1726.258 #
25)	Chlordane-3	5.502	6.156	736.5E6	151.5E6	638.901	414.685 #
26)	Chlordane-4	5.561	6.229	704.9E6	150.9E6	751.885	336.231 #
27)	Chlordane-5	6.392f	0.000	570.4E6	0	1560.477	N.D. #

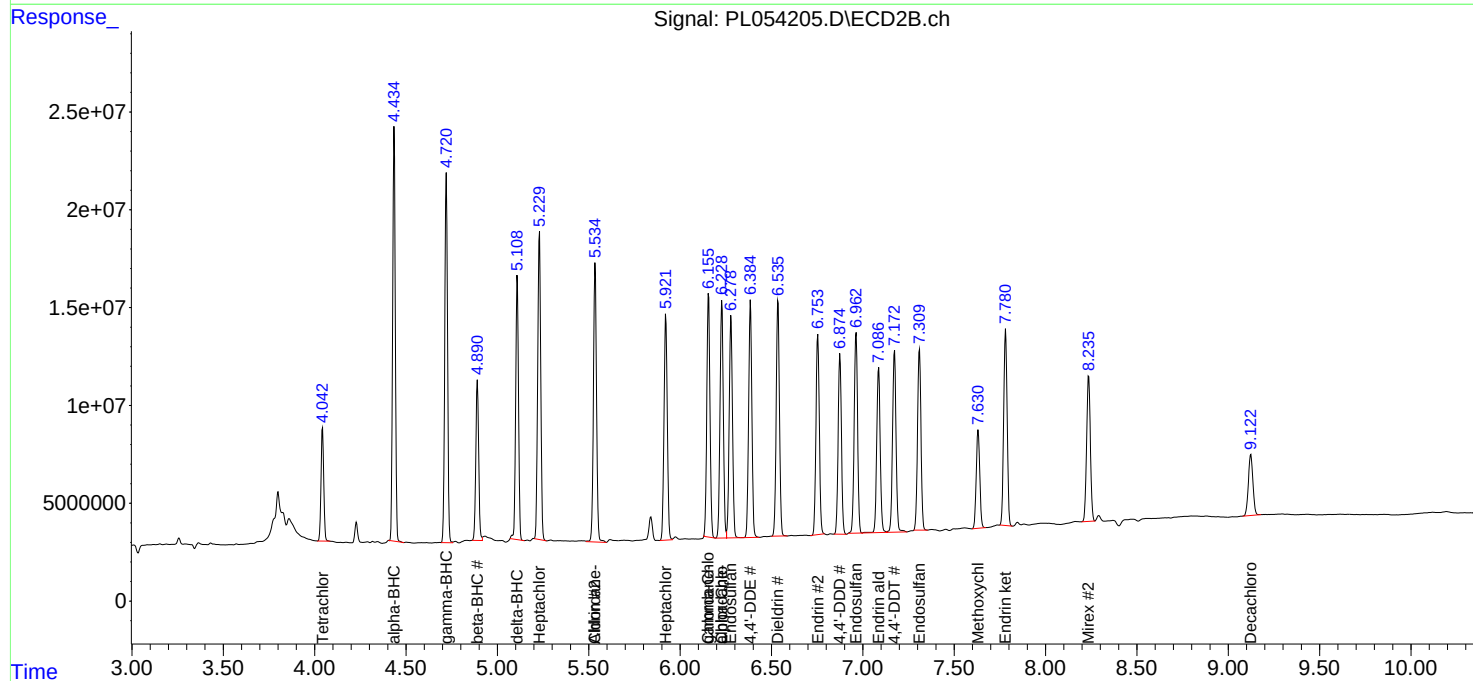
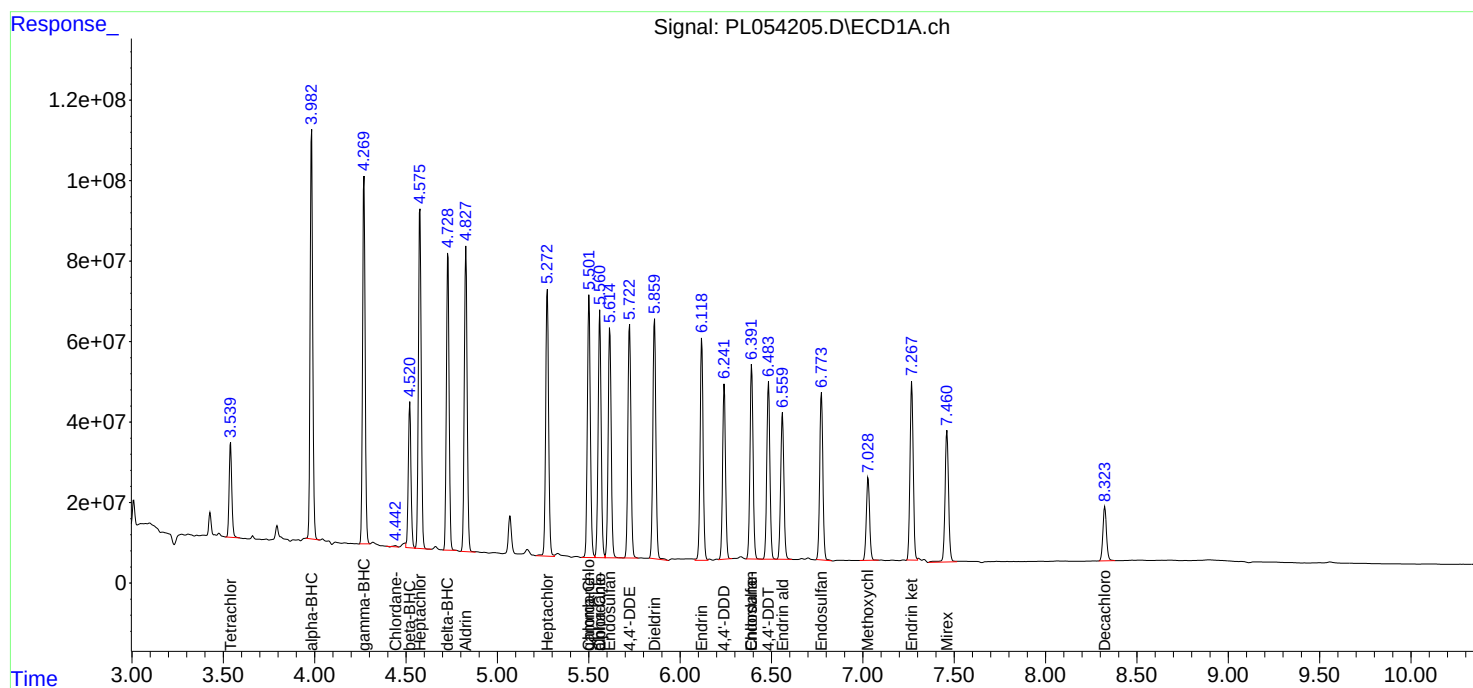
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

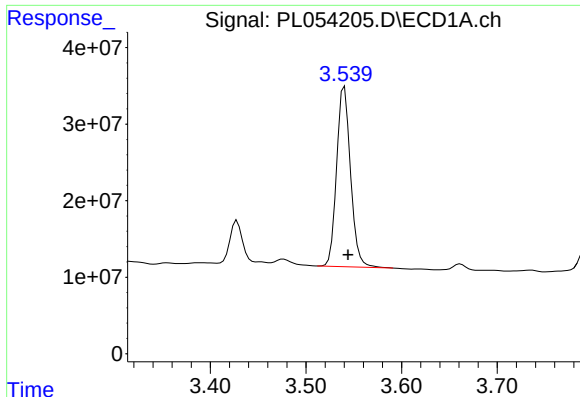
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111219\
Data File : PL054205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2019 16:36
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Sample : K5789-03MS
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 00:32:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response via : Initial Calibration
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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

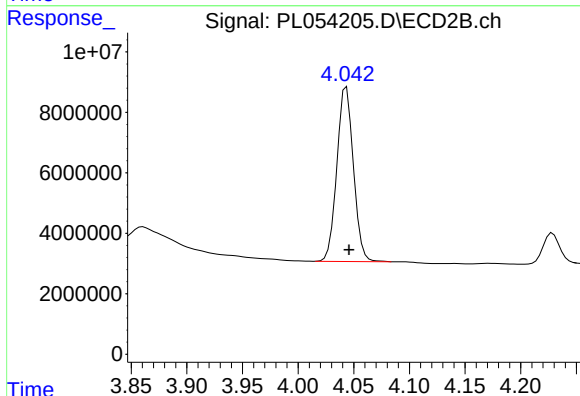




#1 Tetrachloro-m-xylene

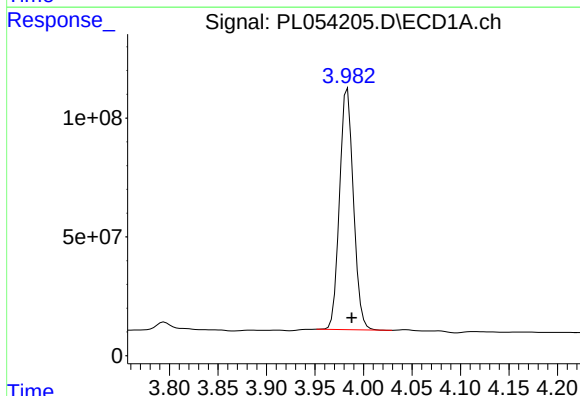
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 237561118
Conc: 21.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



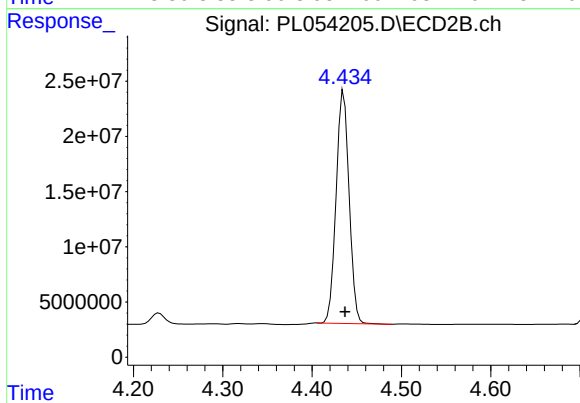
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 59708237
Conc: 23.86 ng/ml



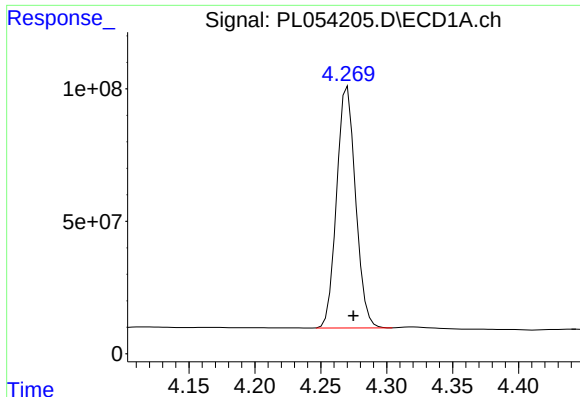
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 1009951458
Conc: 57.92 ng/ml



#2 alpha-BHC

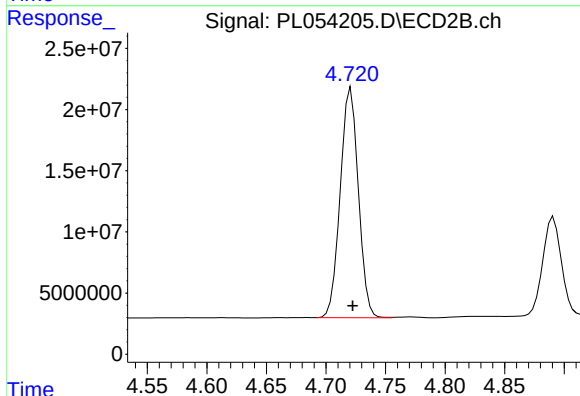
R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 212738333
Conc: 61.54 ng/ml



#3 gamma-BHC (Lindane)

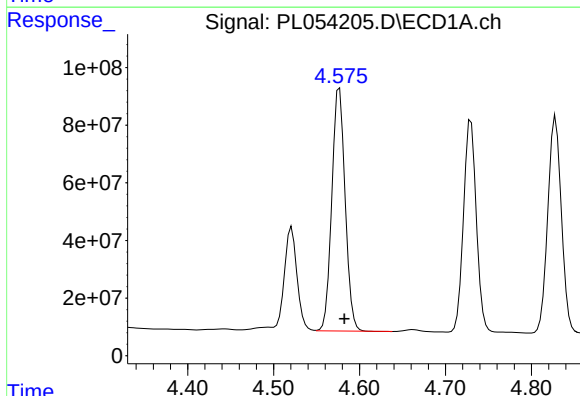
R.T.: 4.270 min
Delta R.T.: -0.004 min
Response: 909342659
Conc: 58.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



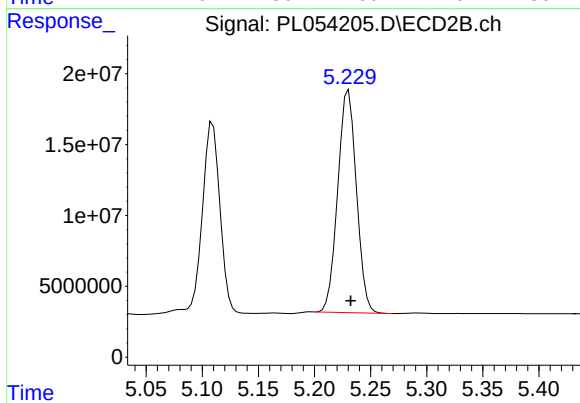
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 198861246
Conc: 61.75 ng/ml



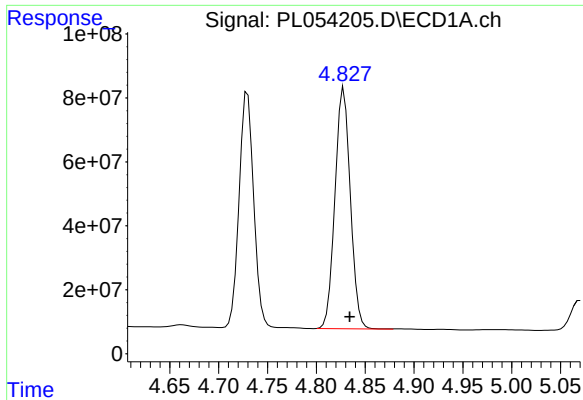
#4 Heptachlor

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 904939900
Conc: 57.34 ng/ml



#4 Heptachlor

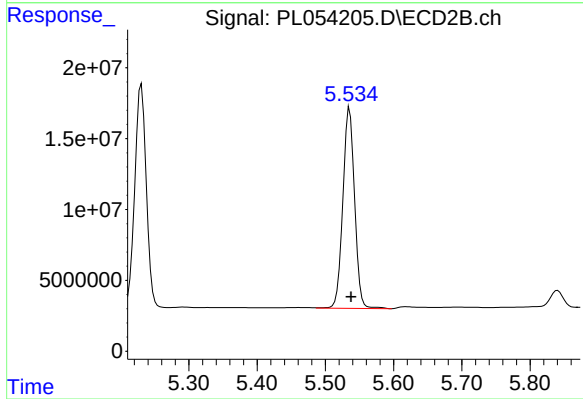
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 181861342
Conc: 56.44 ng/ml



#5 Aldrin

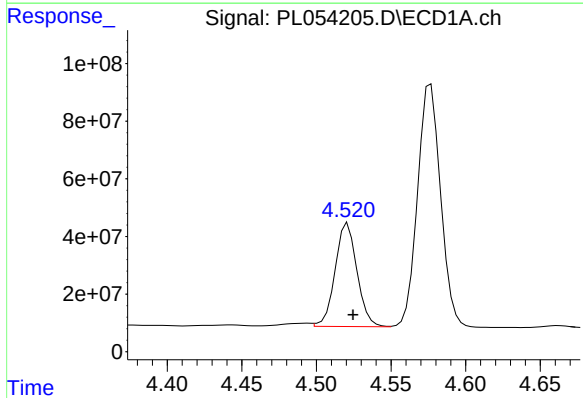
R.T.: 4.828 min
Delta R.T.: -0.006 min
Response: 826634892
Conc: 57.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



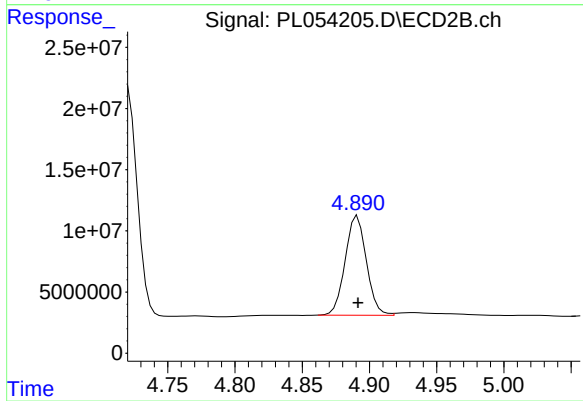
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 169555607
Conc: 56.87 ng/ml



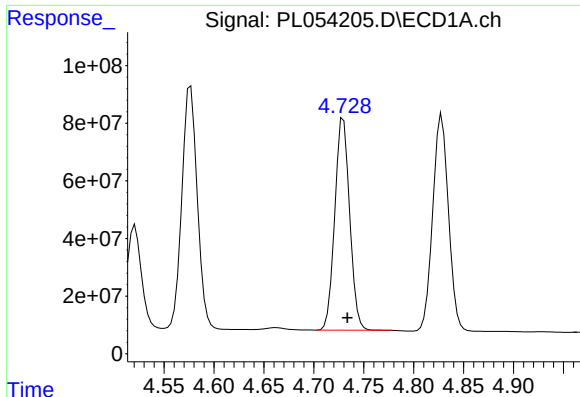
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 366832802
Conc: 55.67 ng/ml



#6 beta-BHC

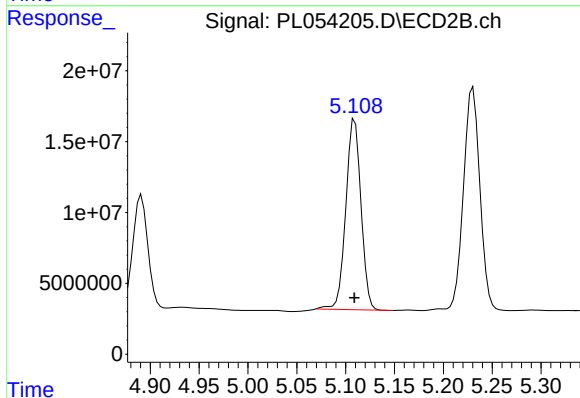
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 89212910
Conc: 57.76 ng/ml



#7 delta-BHC

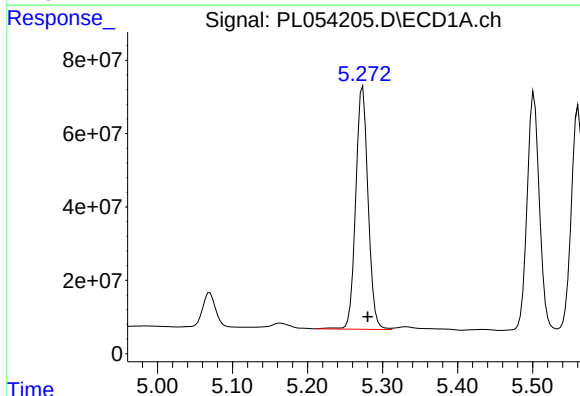
R.T.: 4.730 min
Delta R.T.: -0.004 min
Response: 764300389
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



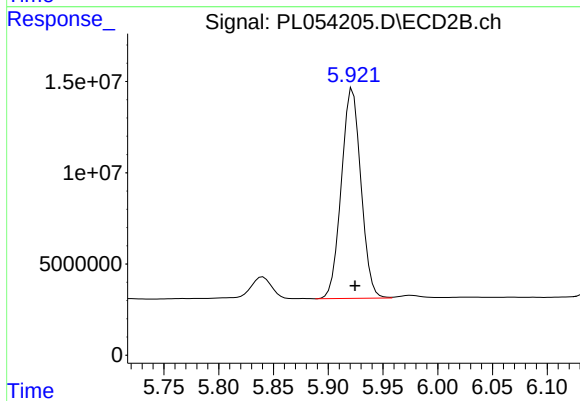
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 145561004
Conc: 48.19 ng/ml



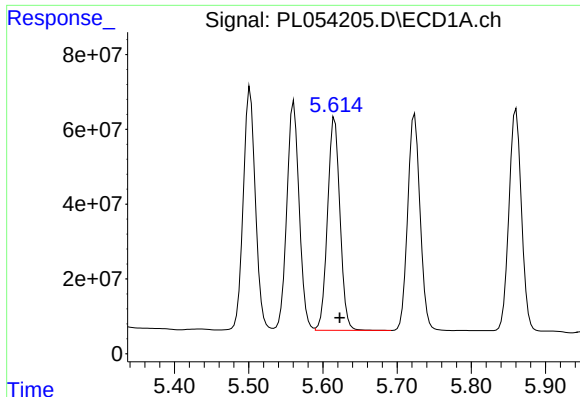
#8 Heptachlor epoxide

R.T.: 5.274 min
Delta R.T.: -0.007 min
Response: 758069773
Conc: 56.16 ng/ml



#8 Heptachlor epoxide

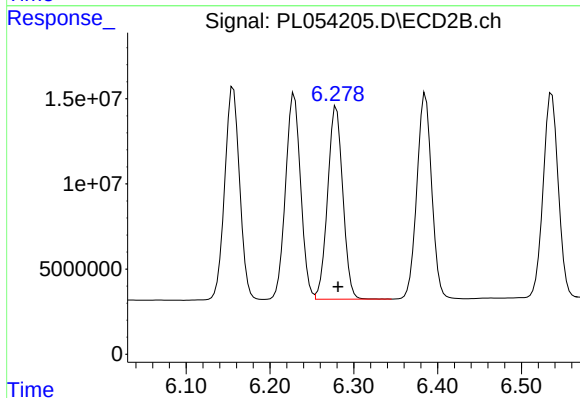
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 143265925
Conc: 49.12 ng/ml



#9 Endosulfan I

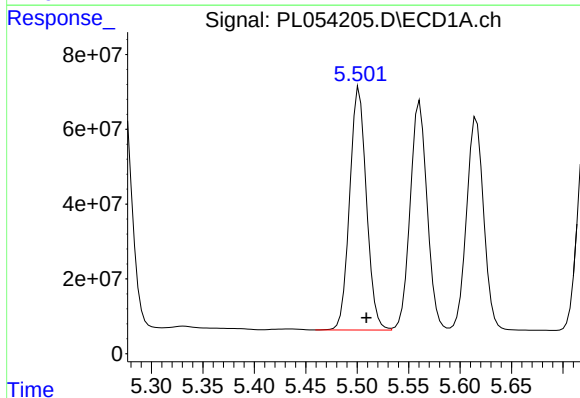
R.T.: 5.616 min
Delta R.T.: -0.007 min
Response: 661261915
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



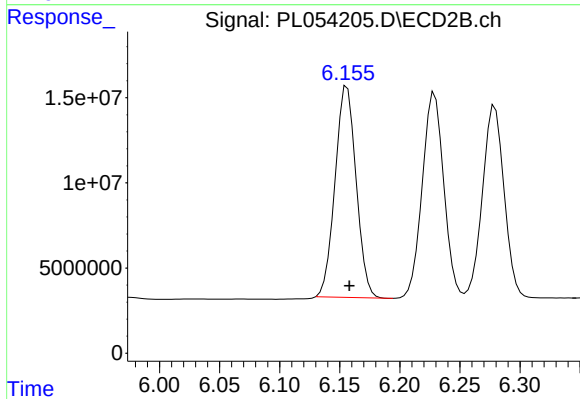
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 142231027
Conc: 52.46 ng/ml



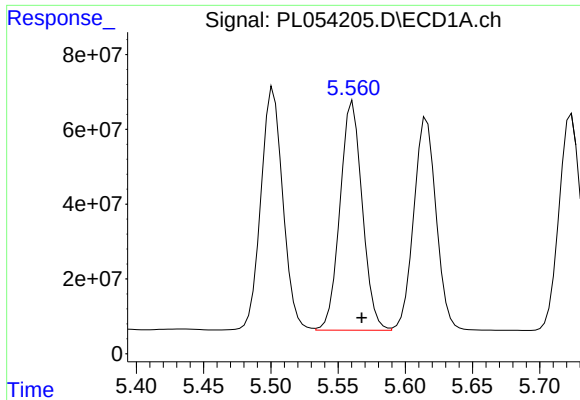
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 736452979
Conc: 53.98 ng/ml



#10 gamma-Chlordane

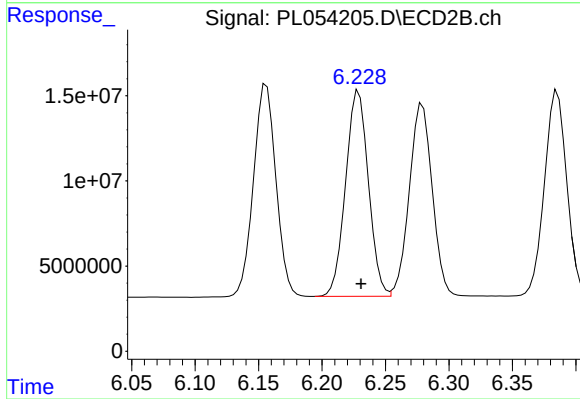
R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 151455417
Conc: 51.91 ng/ml



#11 alpha-Chlordane

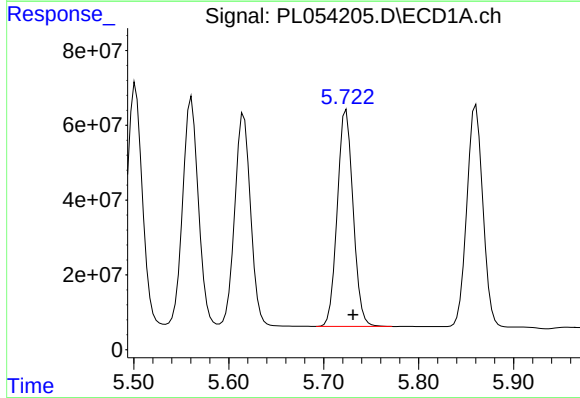
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 704855676
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



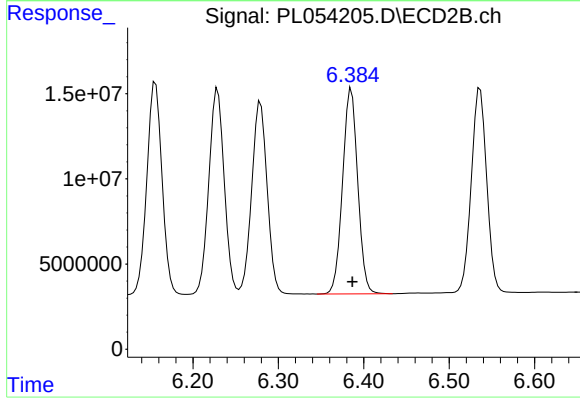
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 150946709
Conc: 51.71 ng/ml



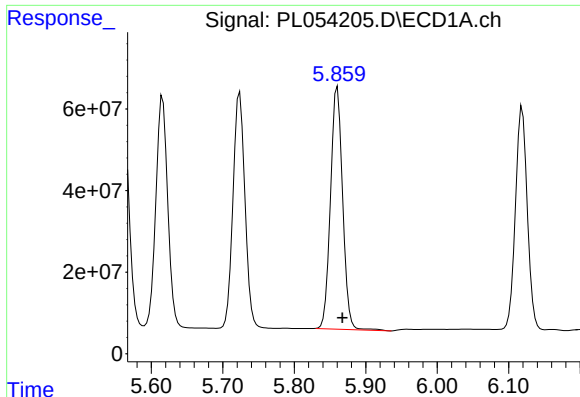
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 669618609
Conc: 56.35 ng/ml



#12 4,4'-DDE

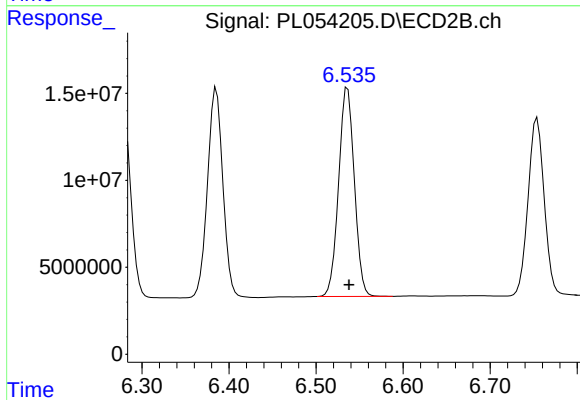
R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 148637270
Conc: 52.78 ng/ml



#13 Dieldrin

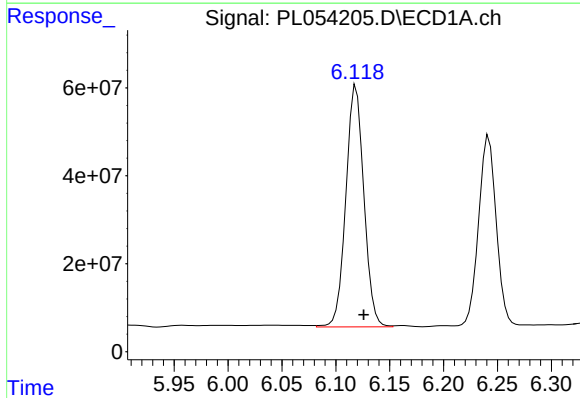
R.T.: 5.860 min
Delta R.T.: -0.007 min
Response: 703274164
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



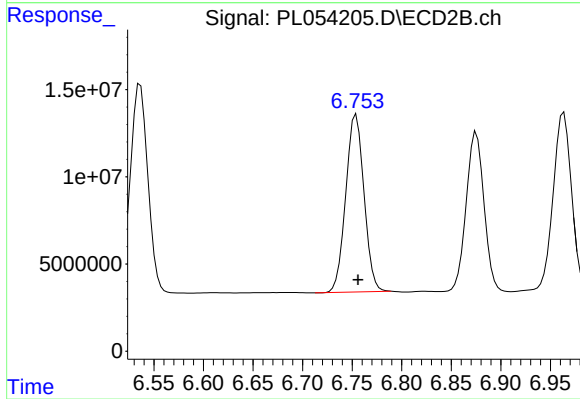
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 150637899
Conc: 52.79 ng/ml



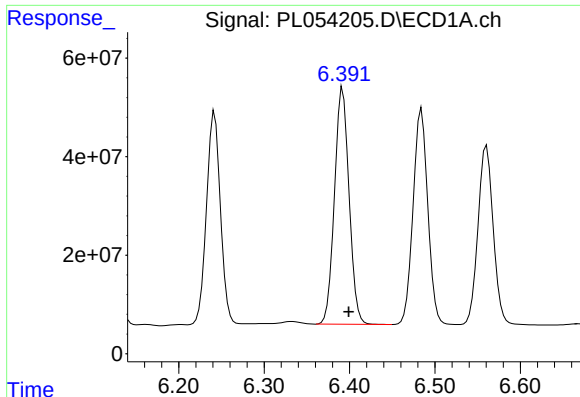
#14 Endrin

R.T.: 6.119 min
Delta R.T.: -0.007 min
Response: 639914007
Conc: 55.21 ng/ml



#14 Endrin

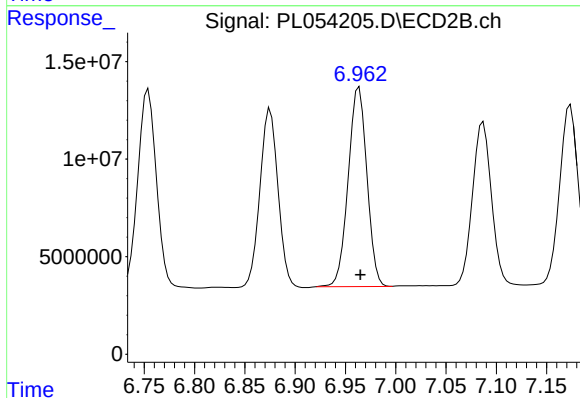
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 130504532
Conc: 53.77 ng/ml



#15 Endosulfan II

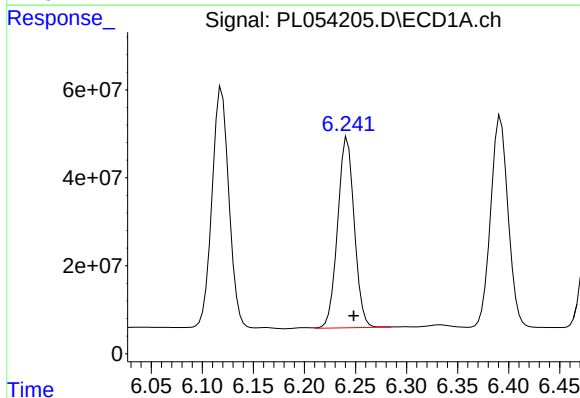
R.T.: 6.392 min
Delta R.T.: -0.007 min
Response: 570423366
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



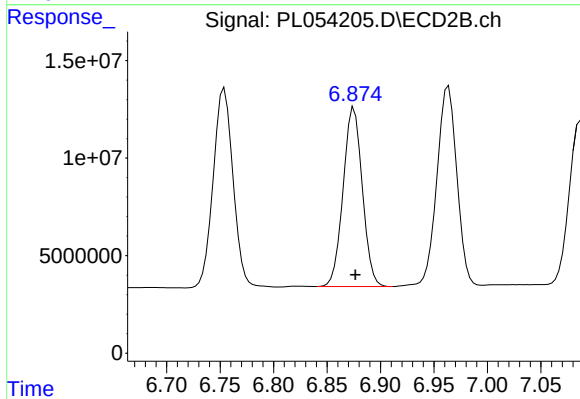
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 132013484
Conc: 51.68 ng/ml



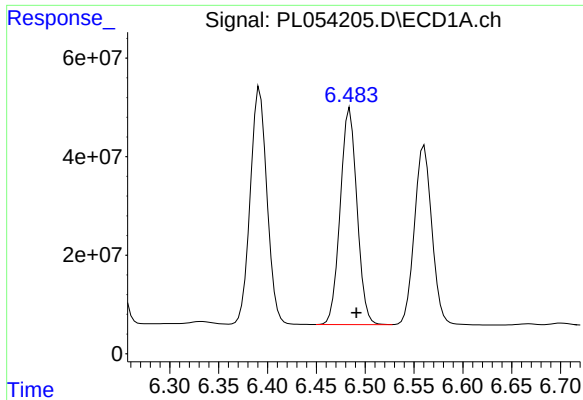
#16 4,4'-DDD

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 490260142
Conc: 55.09 ng/ml



#16 4,4'-DDD

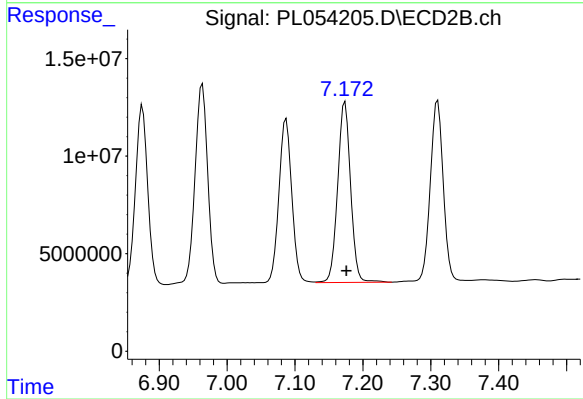
R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 114611161
Conc: 55.00 ng/ml



#17 4,4'-DDT

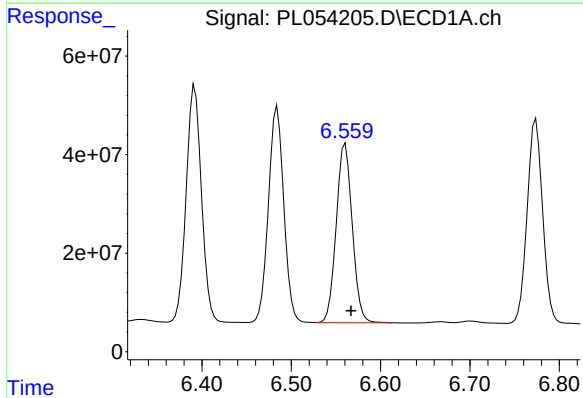
R.T.: 6.484 min
Delta R.T.: -0.007 min
Response: 524698210
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



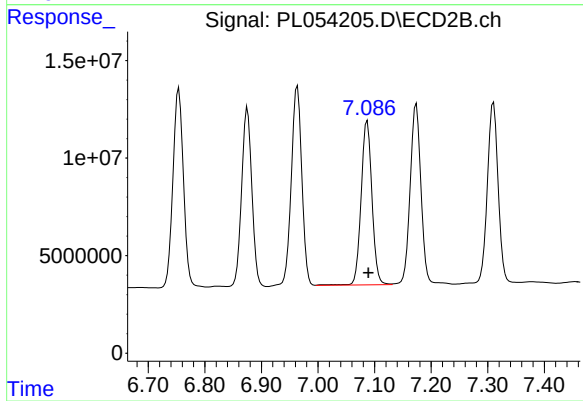
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 123145479
Conc: 53.25 ng/ml



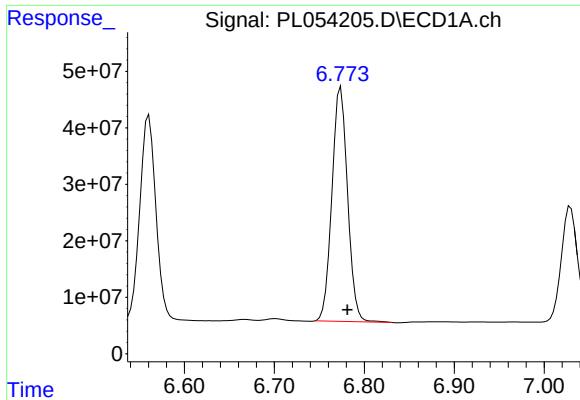
#18 Endrin aldehyde

R.T.: 6.561 min
Delta R.T.: -0.006 min
Response: 451669426
Conc: 49.26 ng/ml



#18 Endrin aldehyde

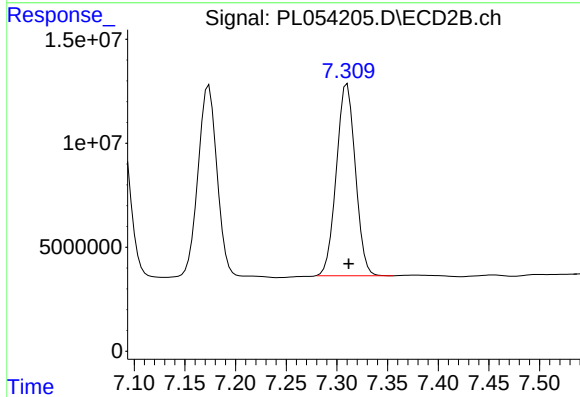
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 111871738
Conc: 50.93 ng/ml



#19 Endosulfan Sulfate

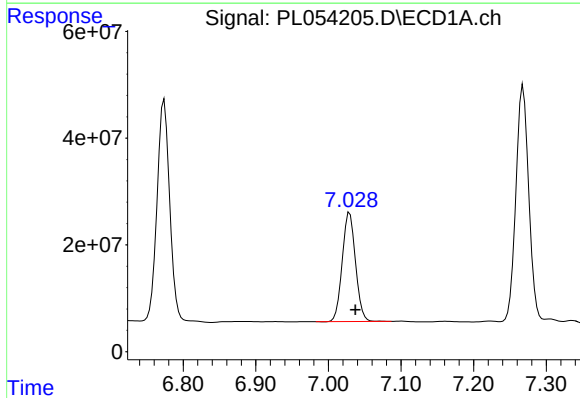
R.T.: 6.774 min
Delta R.T.: -0.007 min
Response: 501633619
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



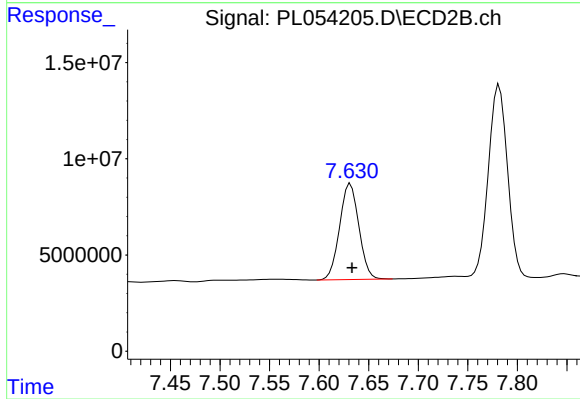
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 120344991
Conc: 49.05 ng/ml



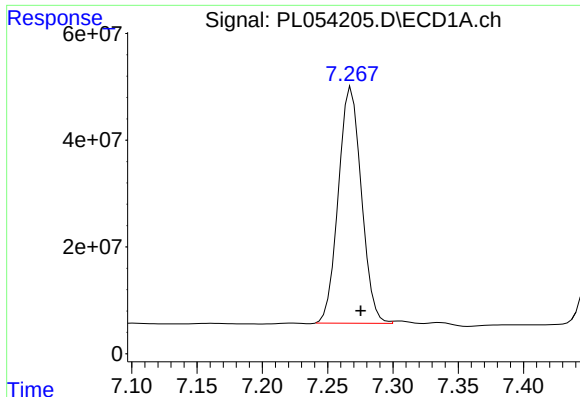
#20 Methoxychlor

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 260042008
Conc: 52.74 ng/ml



#20 Methoxychlor

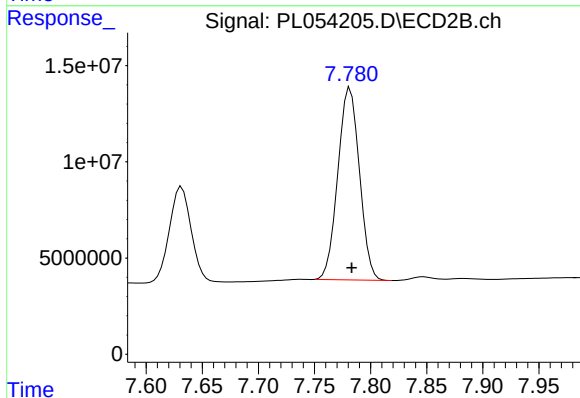
R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 67356832
Conc: 51.86 ng/ml



#21 Endrin ketone

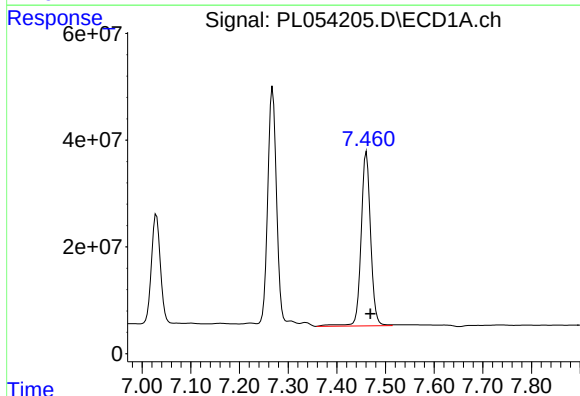
R.T.: 7.268 min
Delta R.T.: -0.007 min
Response: 542474944
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



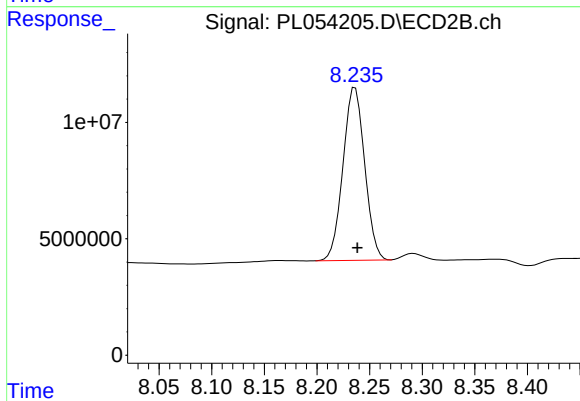
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: -0.001 min
Response: 133749993
Conc: 51.87 ng/ml



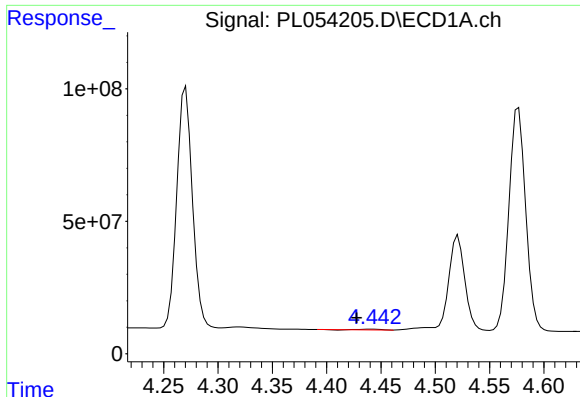
#22 Mirex

R.T.: 7.461 min
Delta R.T.: -0.008 min
Response: 441690259
Conc: 51.64 ng/ml



#22 Mirex

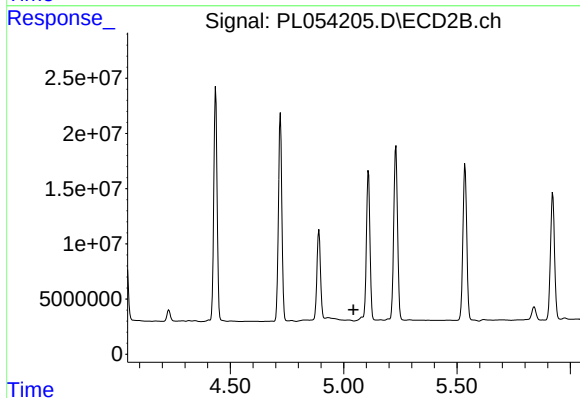
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 106771554
Conc: 52.78 ng/ml



#23 Chlordane-1

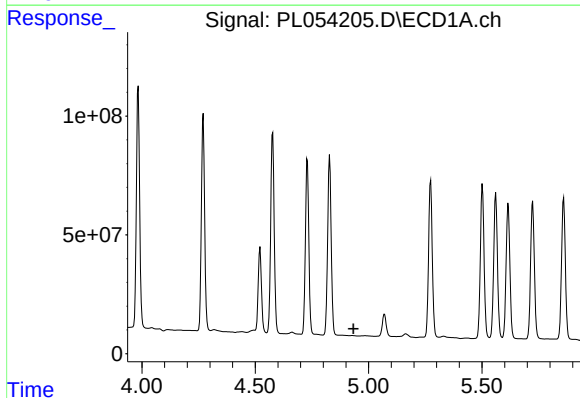
R.T.: 4.443 min
Delta R.T.: 0.015 min
Response: 3214231
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



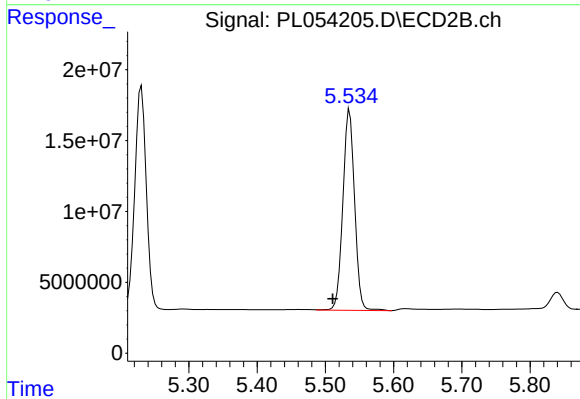
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



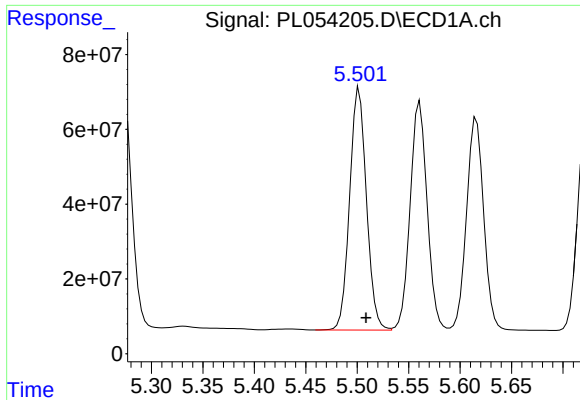
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



#24 Chlordane-2

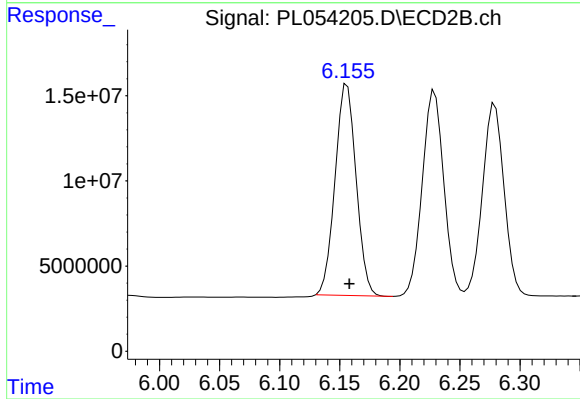
R.T.: 5.535 min
Delta R.T.: 0.025 min
Response: 169555607
Conc: 1726.26 ng/ml



#25 Chlordane-3

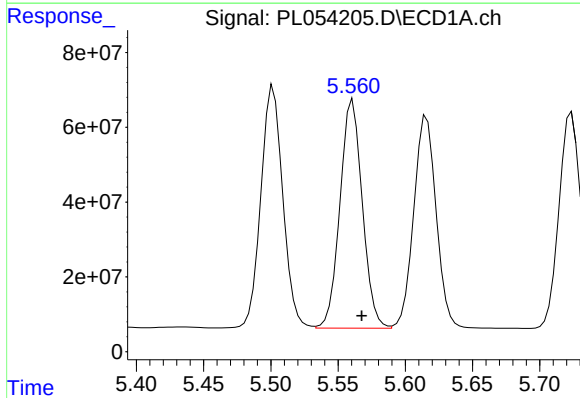
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 736452979
Conc: 638.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



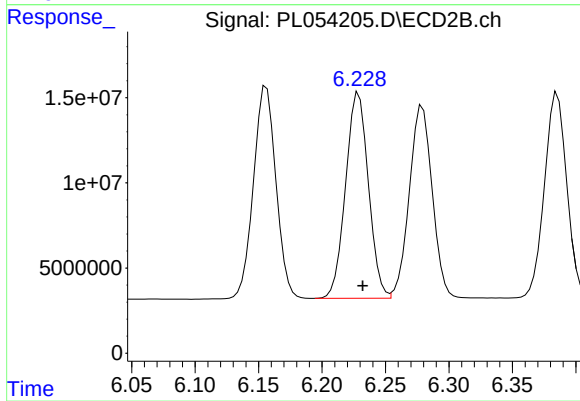
#25 Chlordane-3

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 151455417
Conc: 414.68 ng/ml



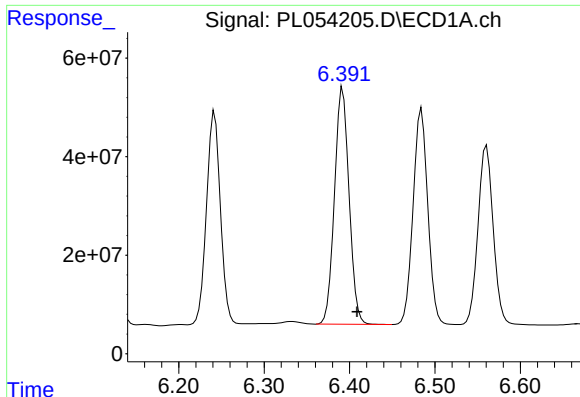
#26 Chlordane-4

R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 704855676
Conc: 751.88 ng/ml



#26 Chlordane-4

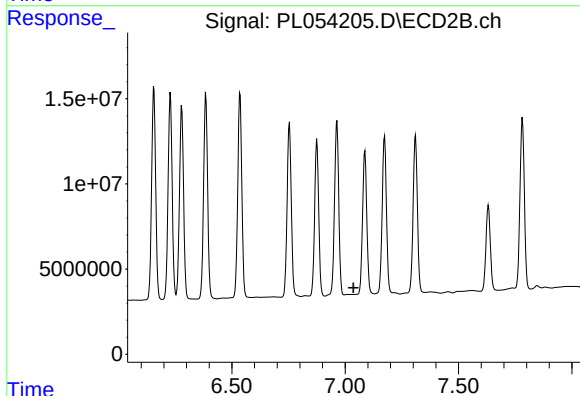
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 150946709
Conc: 336.23 ng/ml



#27 Chlordane-5

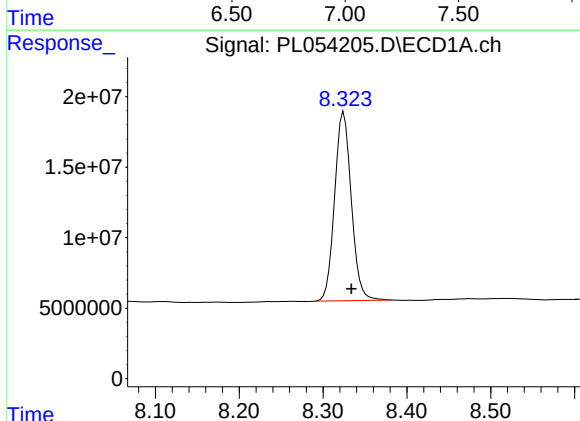
R.T.: 6.392 min
Delta R.T.: -0.017 min
Response: 570423366
Conc: 1560.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



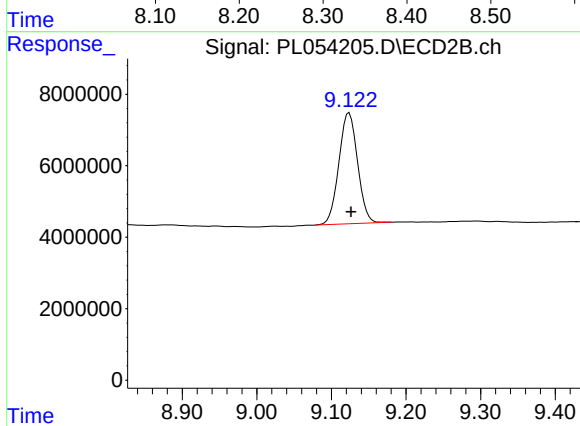
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 185111788
Conc: 18.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: -0.002 min
Response: 54162588
Conc: 19.23 ng/ml