

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031920\
 Data File : PL057484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2020 16:19
 Operator : AJ\MA
 Sample : L1978-0MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 01:22:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.458	3.956	189.7E6	45552480	20.460	20.996
28)	SA Decachlor...	8.204	8.976	181.2E6	40179064	17.127	18.120
Target Compounds							
2)	A alpha-BHC	3.894	4.344	793.0E6	163.1E6	49.782	50.793
3)	MA gamma-BHC...	4.178	4.626	711.4E6	154.5E6	49.498	49.249
4)	MA Heptachlor	4.478	5.128	726.4E6	158.7E6	48.911	50.403
5)	MB Aldrin	4.726	5.429	684.9E6	153.8E6	49.651	50.428
6)	B beta-BHC	4.429	4.799	305.4E6	72866393	51.939	50.520
7)	B delta-BHC	4.633	5.013	685.6E6	118.9E6	48.850	46.171
8)	B Heptachlo...	5.168	5.813	624.7E6	135.5E6	48.747	49.656
9)	A Endosulfan I	5.507	6.168	547.1E6	139.3E6	46.014	48.967
10)	B gamma-Chl...	5.395	6.047	628.6E6	154.0E6	48.208	49.965
11)	B alpha-Chl...	5.453	6.119	604.9E6	151.9E6	46.807	48.815
12)	B 4,4'-DDE	5.617	6.278	589.0E6	138.2E6	47.286	48.603
13)	MA Dieldrin	5.749	6.424	601.5E6	146.5E6	47.691	49.540
14)	MA Endrin	6.007	6.640	526.7E6	114.9E6	46.072	47.617
15)	B Endosulfa...	6.280	6.850	490.9E6	119.6E6	45.198	45.538
16)	A 4,4'-DDD	6.132	6.766	461.3E6	113.2E6	47.063	49.582
17)	MA 4,4'-DDT	6.373	7.063	433.1E6	101.6E6	43.427	44.594
18)	B Endrin al...	6.448	6.974	415.5E6	105.8E6	44.991	47.597
19)	B Endosulfa...	6.661	7.196	486.7E6	121.2E6	48.462	49.692
20)	A Methoxychlor	6.917	7.522	216.9E6	57985558	40.430	44.584
21)	B Endrin ke...	7.151	7.664	526.1E6	129.2E6	46.544	49.921
22)	Mirex	7.338	8.114	377.9E6	93231619	46.657	48.824
23)	Chlordane-1	4.349f	0.000	5951607	0	18.337	N.D. #
24)	Chlordane-2	4.829	5.429f	235569	153.8E6	0.648	1632.428 #
25)	Chlordane-3	5.395	6.047	628.6E6	154.0E6	557.460	406.112 #
26)	Chlordane-4	5.453	6.119	604.9E6	151.9E6	630.954	331.976 #
27)	Chlordane-5	6.280	0.000	490.9E6	0	1349.140	N.D. #

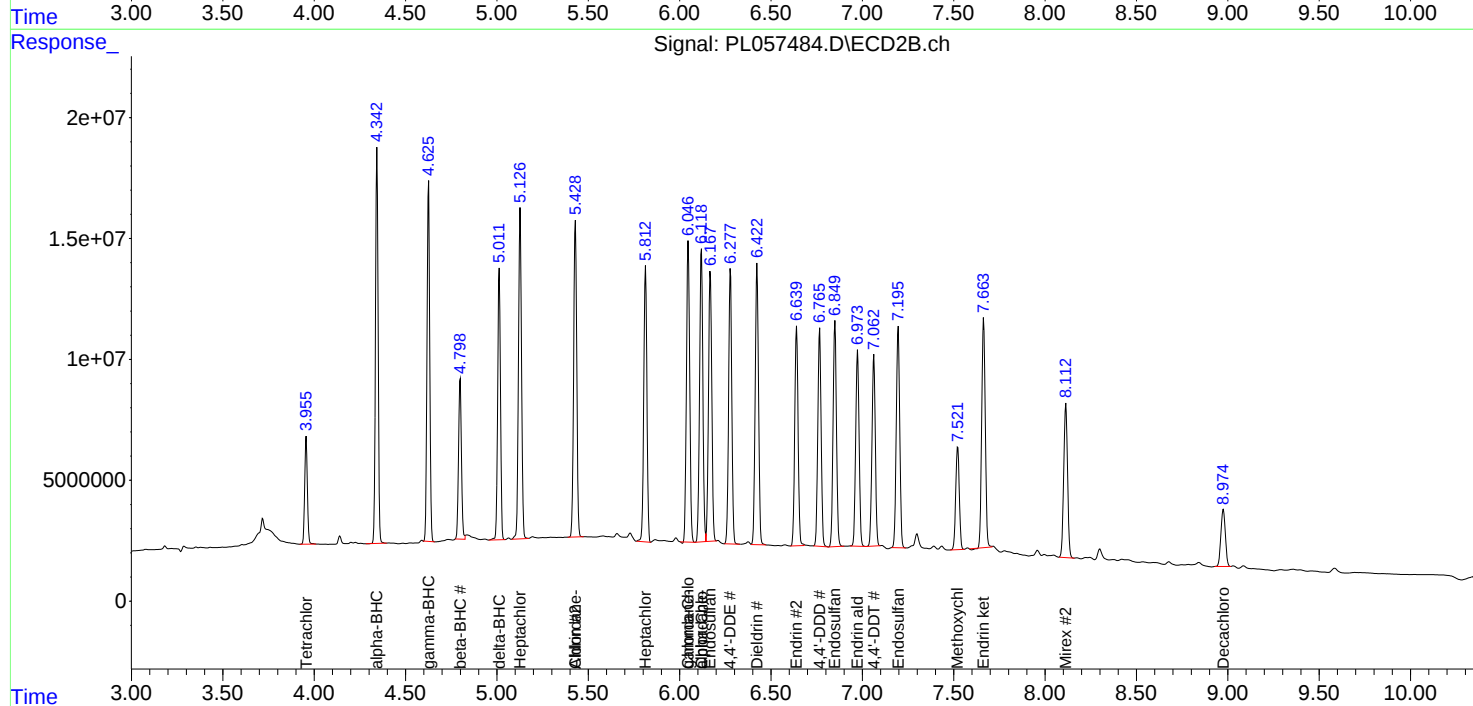
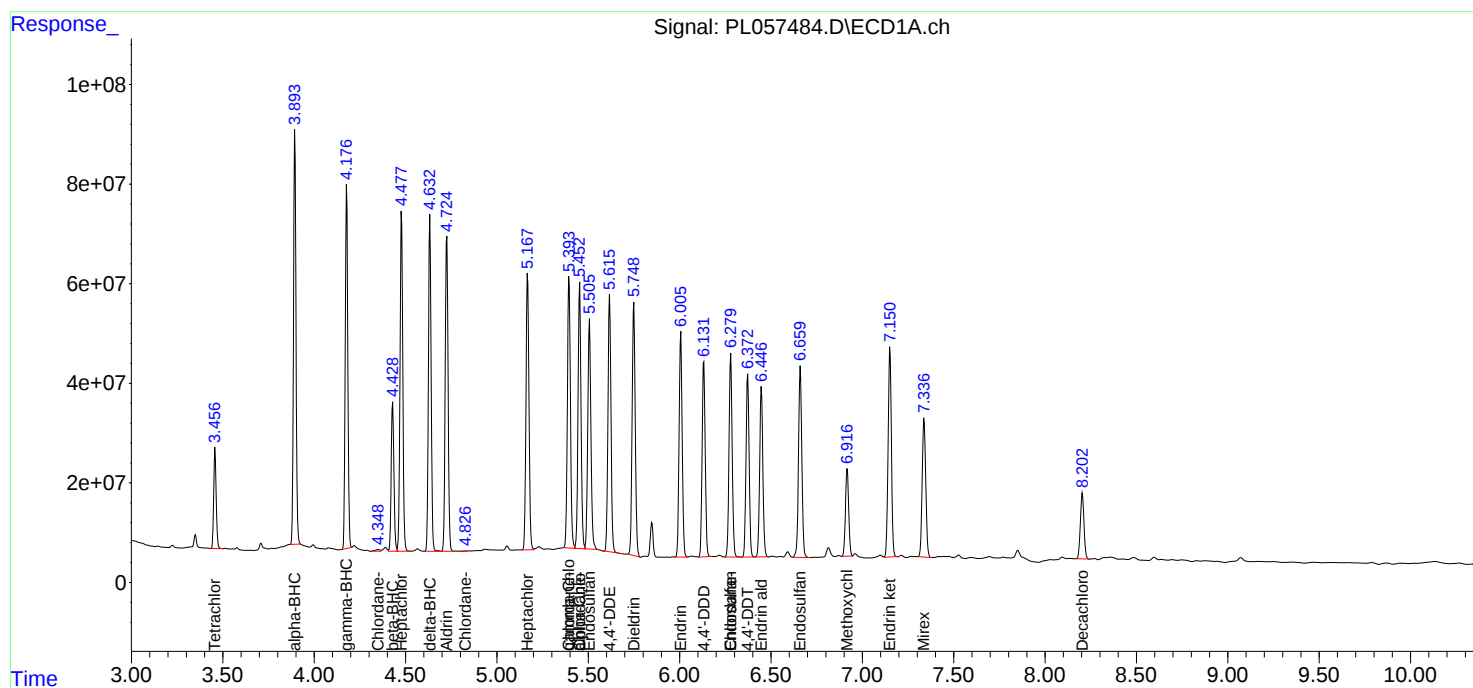
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

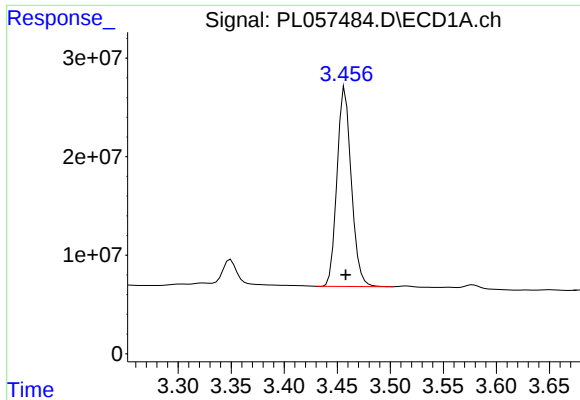
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

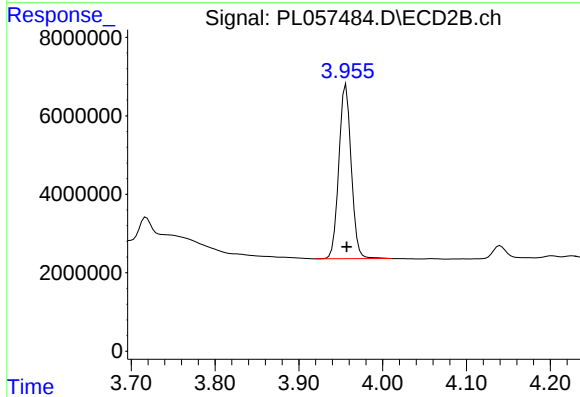




#1 Tetrachloro-m-xylene

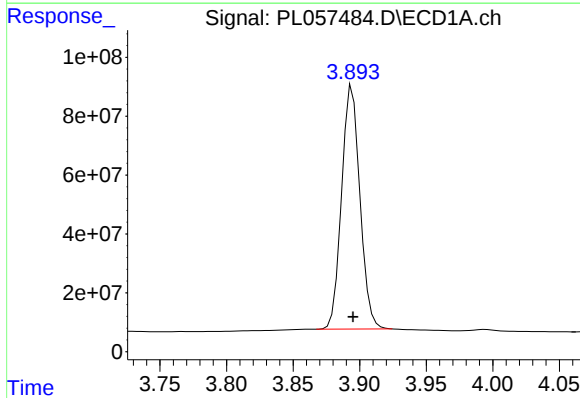
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 189656041
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



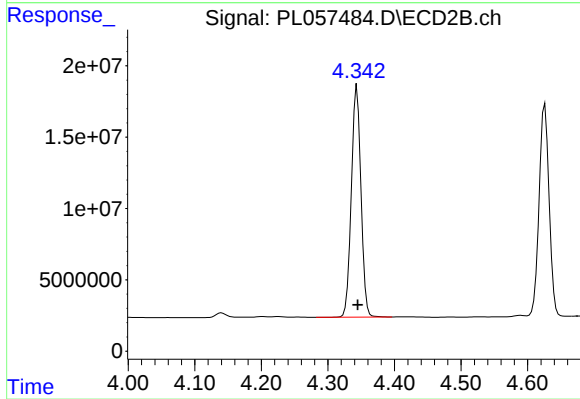
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 45552480
Conc: 21.00 ng/ml



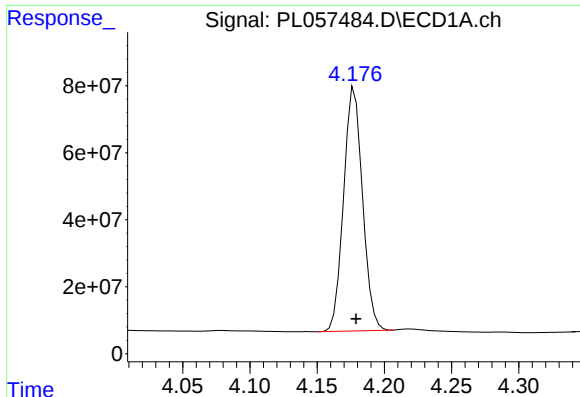
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 792996403
Conc: 49.78 ng/ml



#2 alpha-BHC

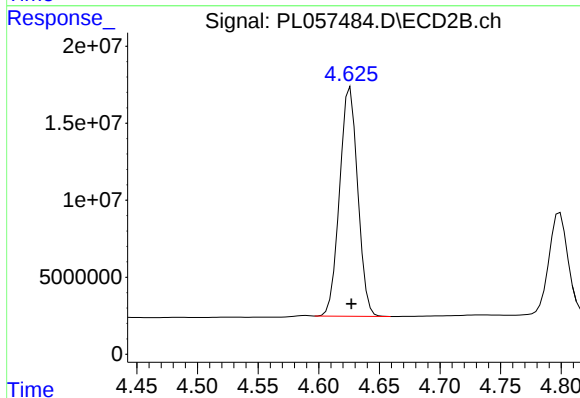
R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: 163148467
Conc: 50.79 ng/ml



#3 gamma-BHC (Lindane)

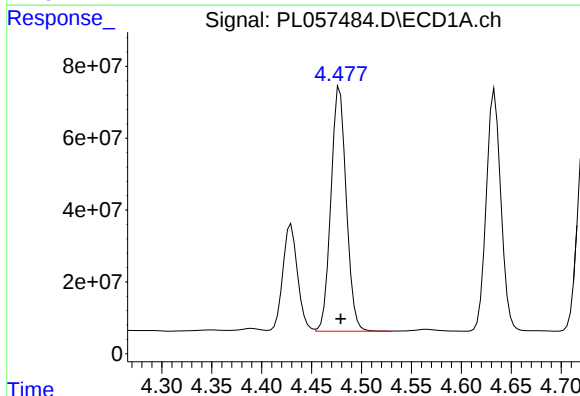
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 711423832
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



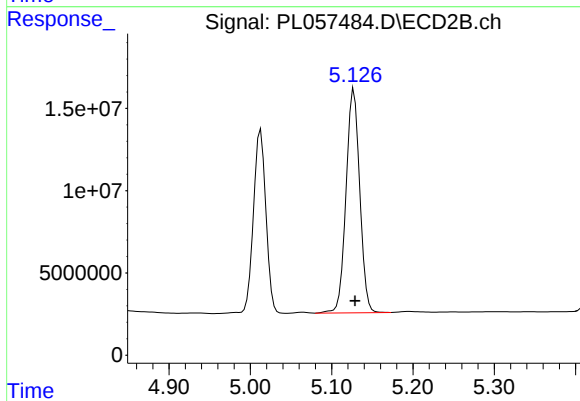
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 154516380
Conc: 49.25 ng/ml



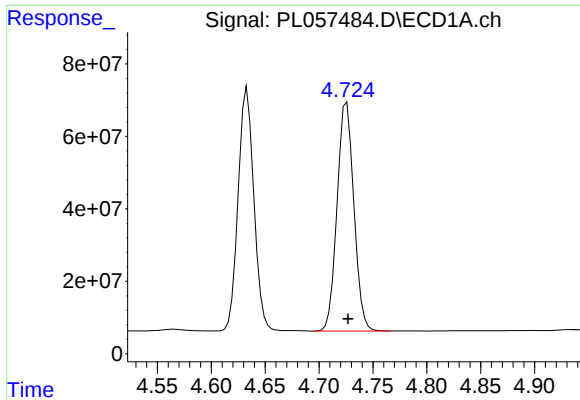
#4 Heptachlor

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 726442917
Conc: 48.91 ng/ml



#4 Heptachlor

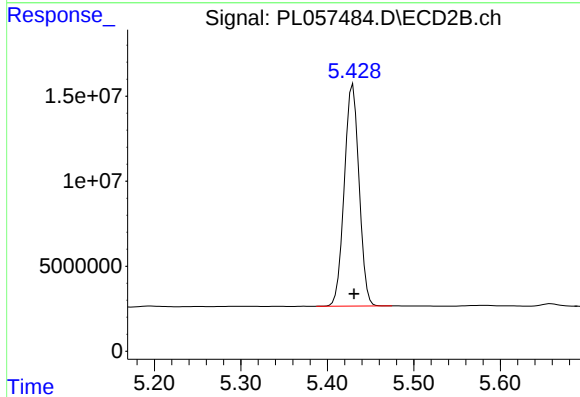
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 158653821
Conc: 50.40 ng/ml



#5 Aldrin

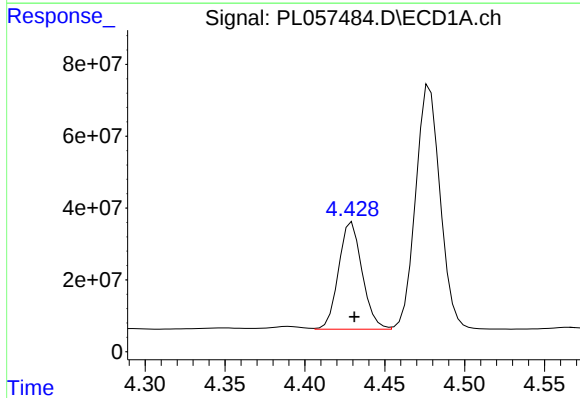
R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 684898485
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



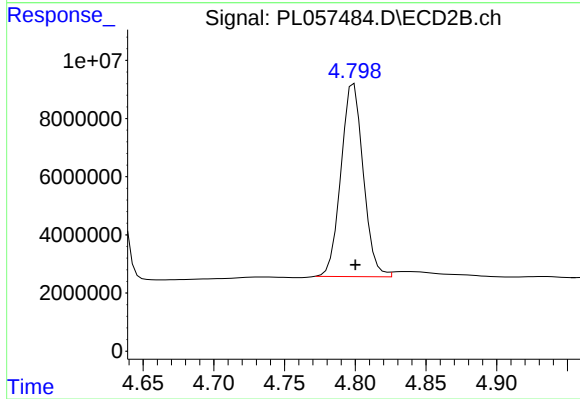
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 153841843
Conc: 50.43 ng/ml



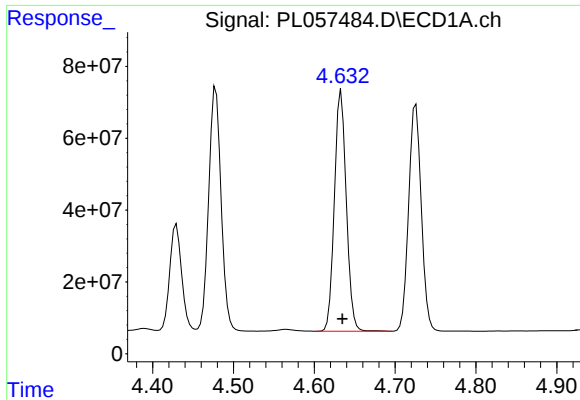
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 305354112
Conc: 51.94 ng/ml



#6 beta-BHC

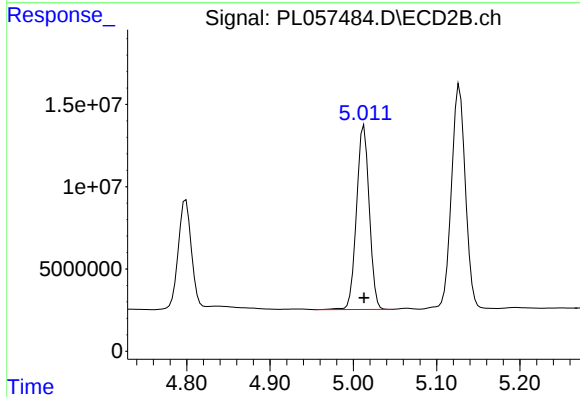
R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 72866393
Conc: 50.52 ng/ml



#7 delta-BHC

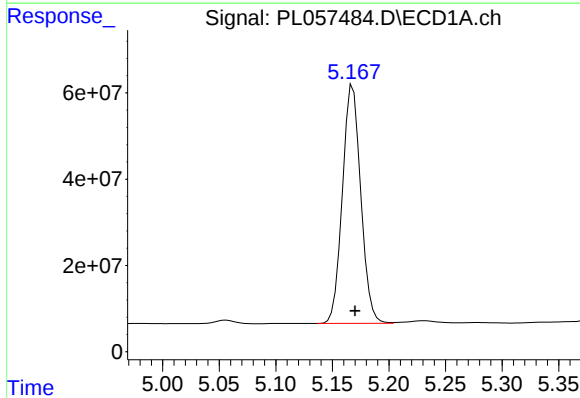
R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 685623735
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



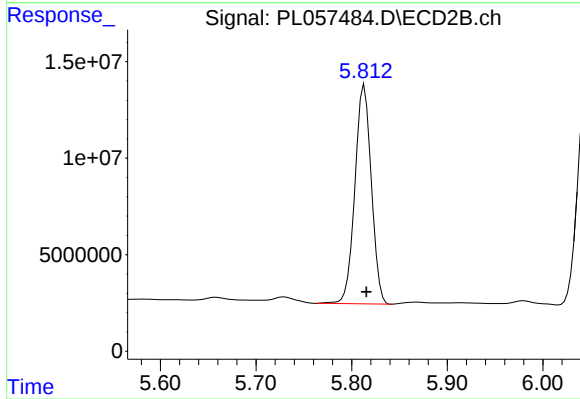
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 118902965
Conc: 46.17 ng/ml



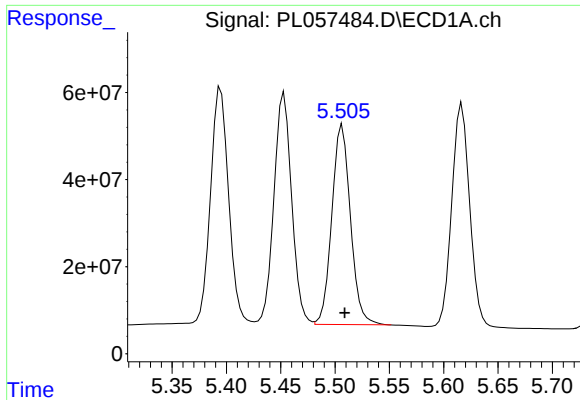
#8 Heptachlor epoxide

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 624734143
Conc: 48.75 ng/ml



#8 Heptachlor epoxide

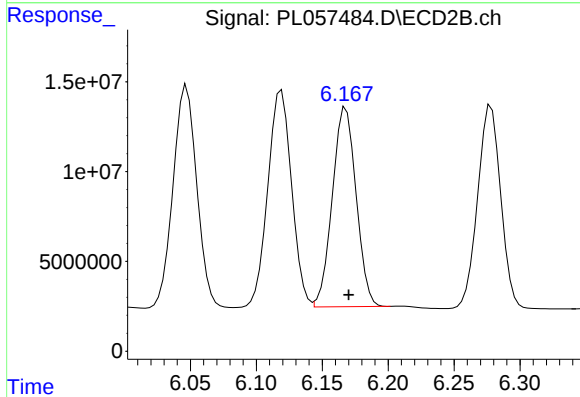
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 135495253
Conc: 49.66 ng/ml



#9 Endosulfan I

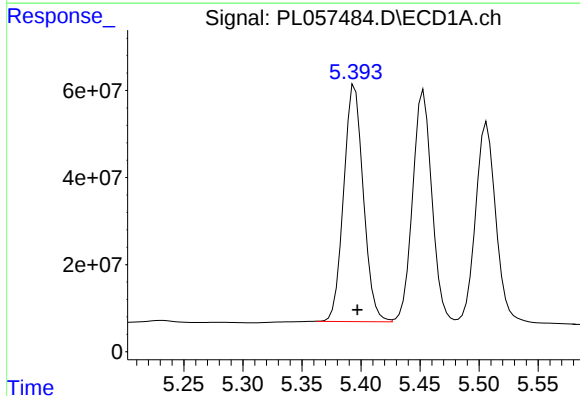
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 547094030
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



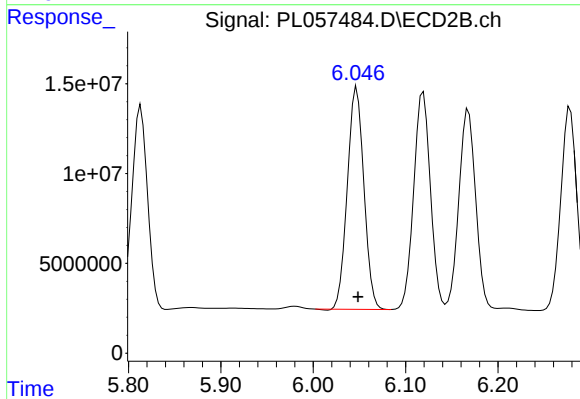
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 139325613
Conc: 48.97 ng/ml



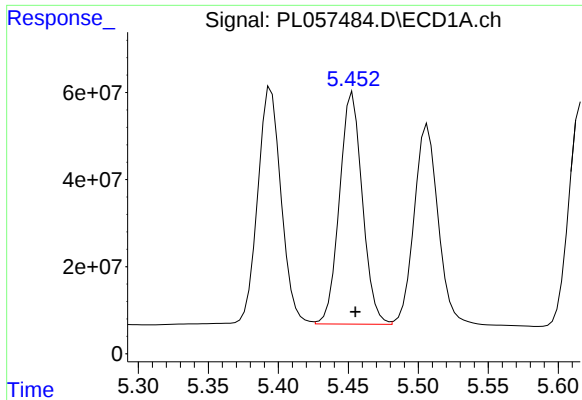
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 628636538
Conc: 48.21 ng/ml



#10 gamma-Chlordane

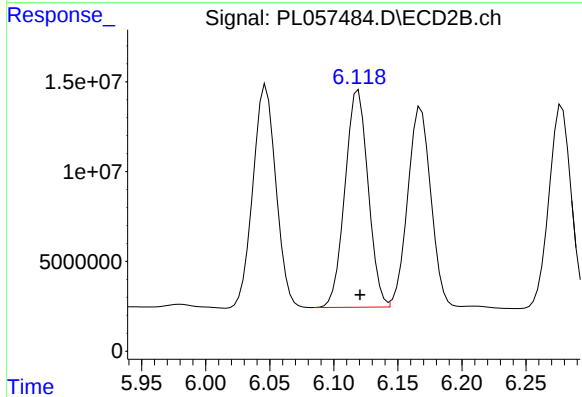
R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 153997504
Conc: 49.96 ng/ml



#11 alpha-Chlordane

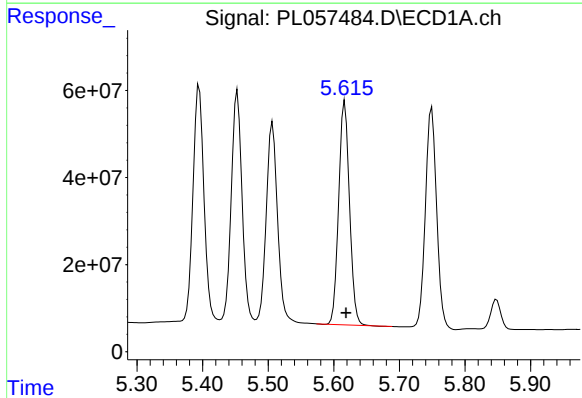
R.T.: 5.453 min
Delta R.T.: -0.002 min
Response: 604877085
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



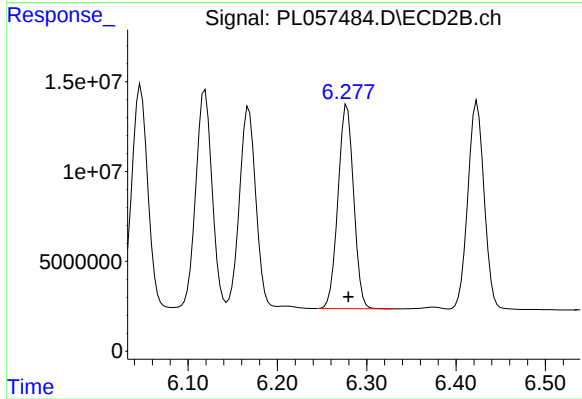
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 151944077
Conc: 48.81 ng/ml



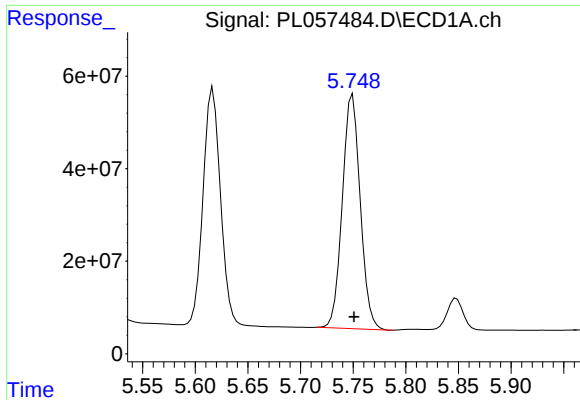
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 588972208
Conc: 47.29 ng/ml



#12 4,4'-DDE

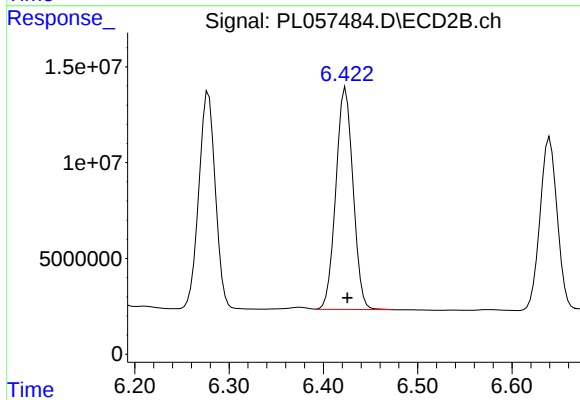
R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 138152322
Conc: 48.60 ng/ml



#13 Dieldrin

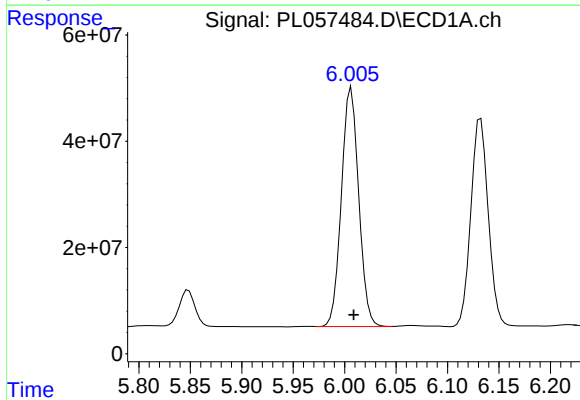
R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 601508969
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



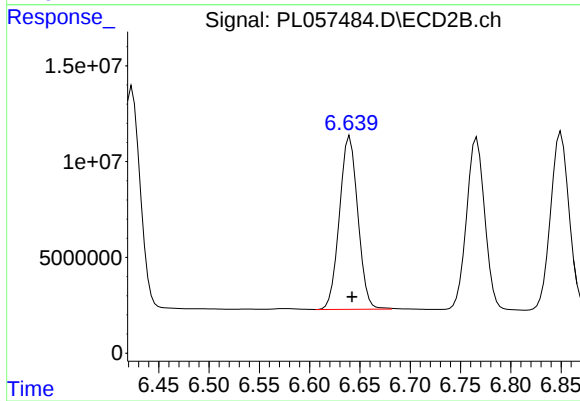
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 146539644
Conc: 49.54 ng/ml



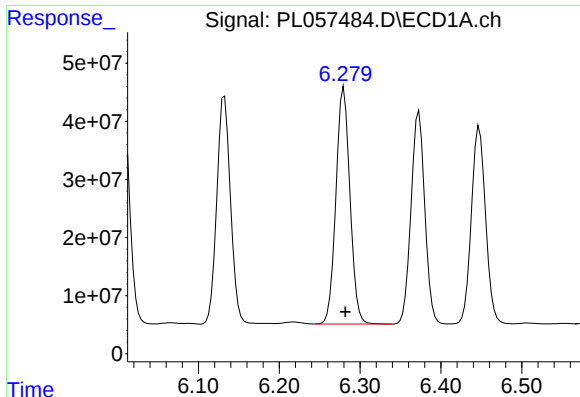
#14 Endrin

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 526661498
Conc: 46.07 ng/ml



#14 Endrin

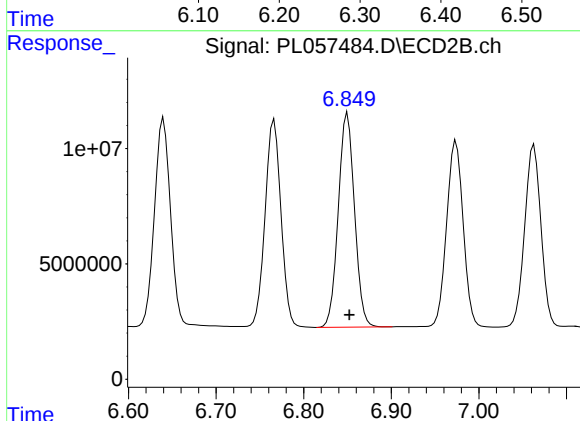
R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 114890091
Conc: 47.62 ng/ml



#15 Endosulfan II

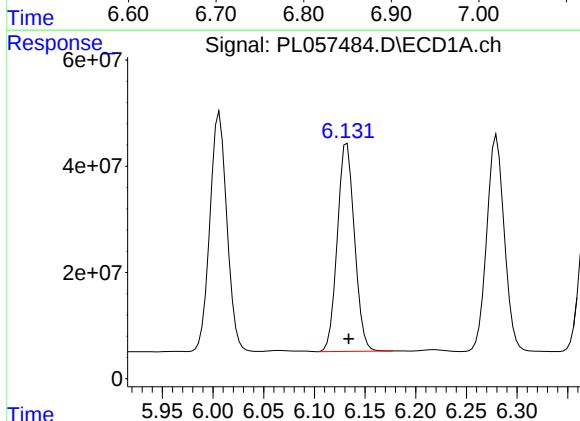
R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 490894939
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



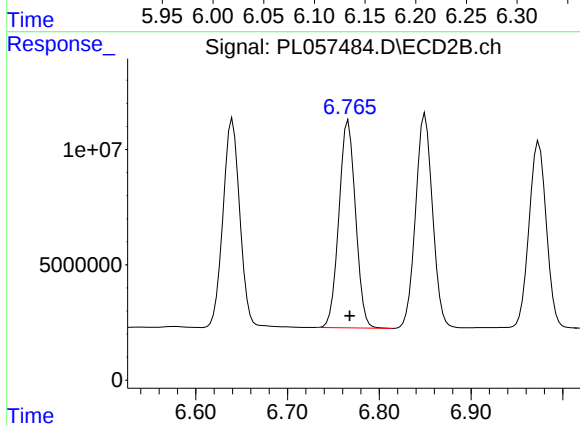
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 119620243
Conc: 45.54 ng/ml



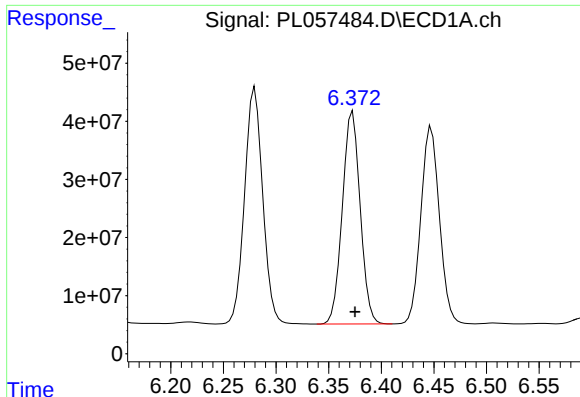
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 461282531
Conc: 47.06 ng/ml



#16 4,4'-DDD

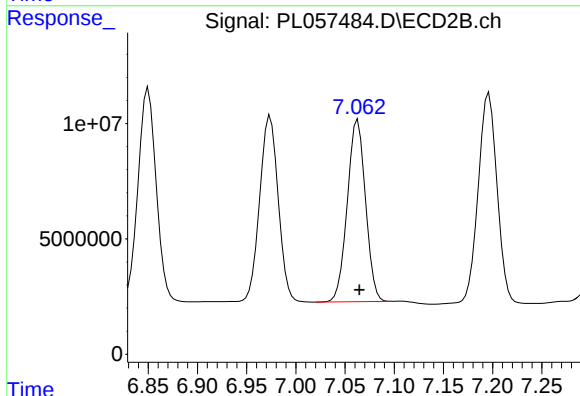
R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 113232743
Conc: 49.58 ng/ml



#17 4,4'-DDT

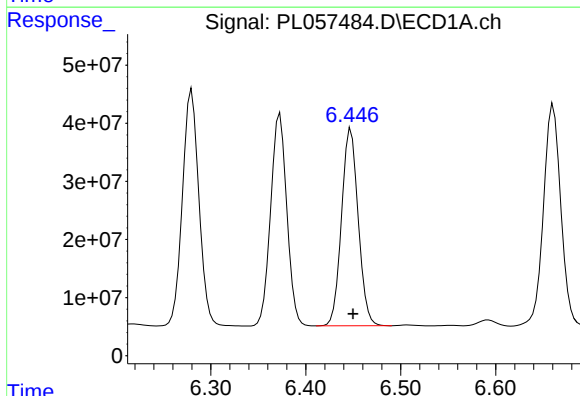
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 433089094
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



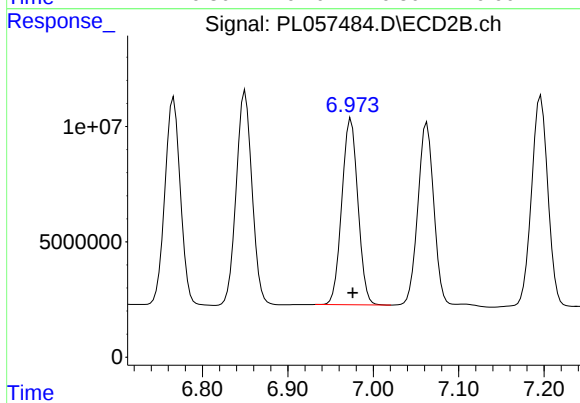
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 101569922
Conc: 44.59 ng/ml



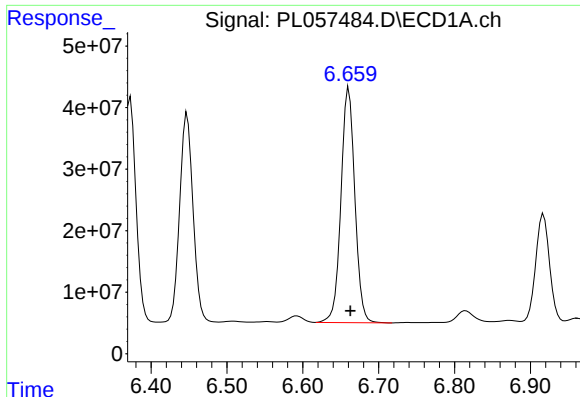
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 415504354
Conc: 44.99 ng/ml



#18 Endrin aldehyde

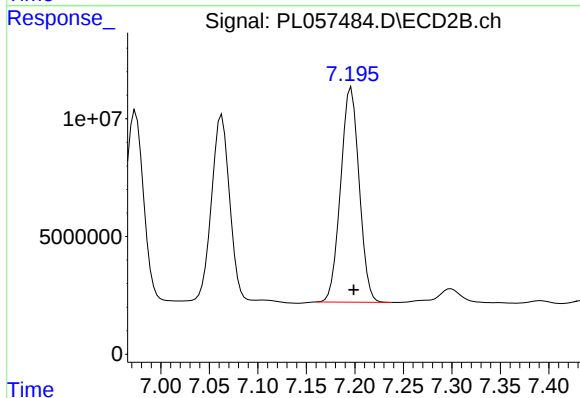
R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 105810296
Conc: 47.60 ng/ml



#19 Endosulfan Sulfate

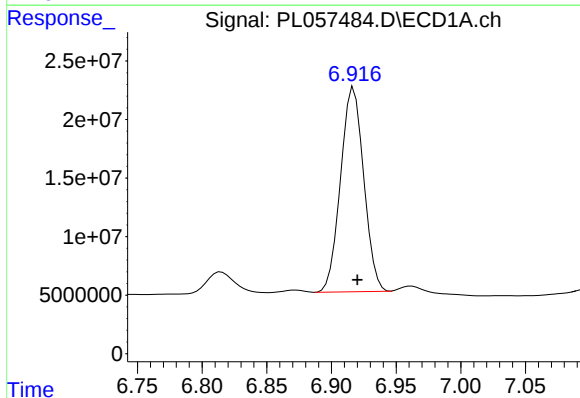
R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 486685794
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



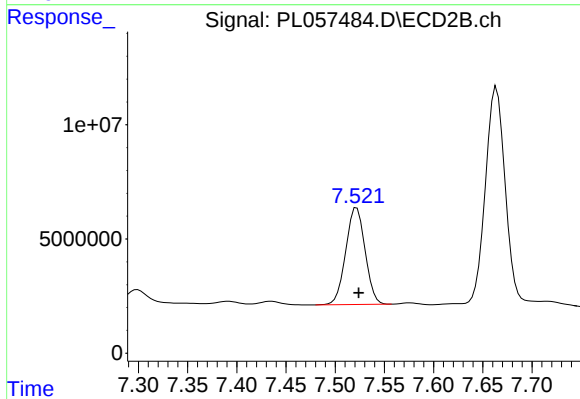
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 121201352
Conc: 49.69 ng/ml



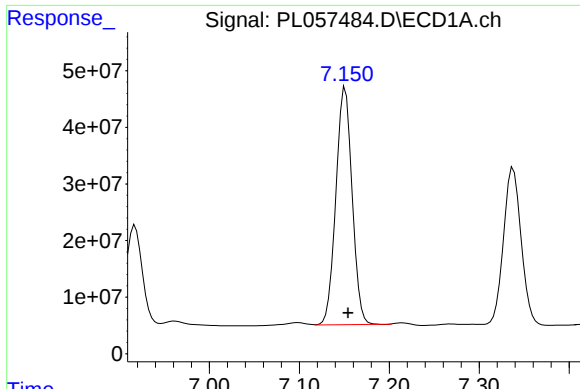
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 216941797
Conc: 40.43 ng/ml



#20 Methoxychlor

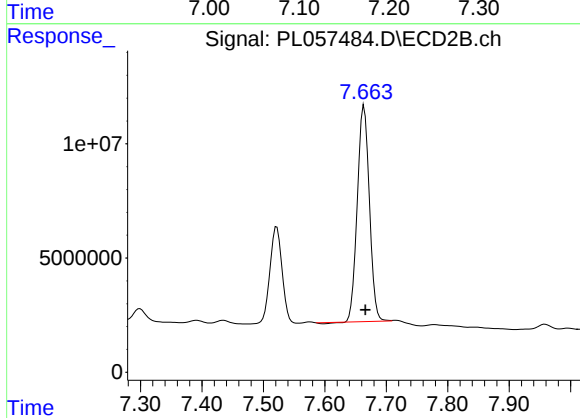
R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 57985558
Conc: 44.58 ng/ml



#21 Endrin ketone

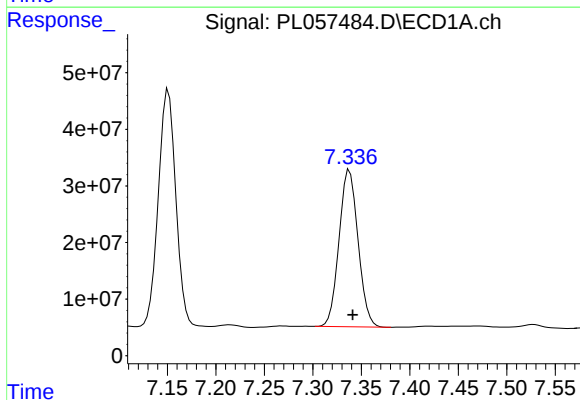
R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 526072112
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



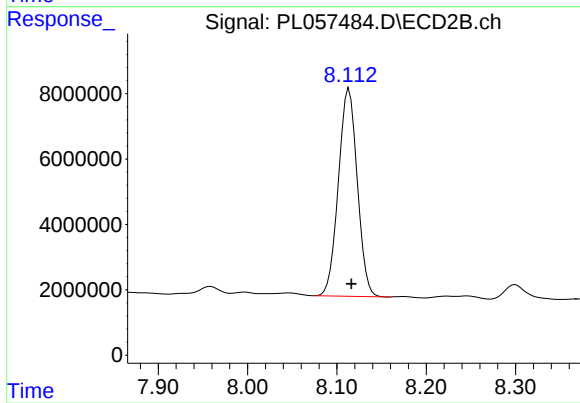
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.002 min
Response: 129225284
Conc: 49.92 ng/ml



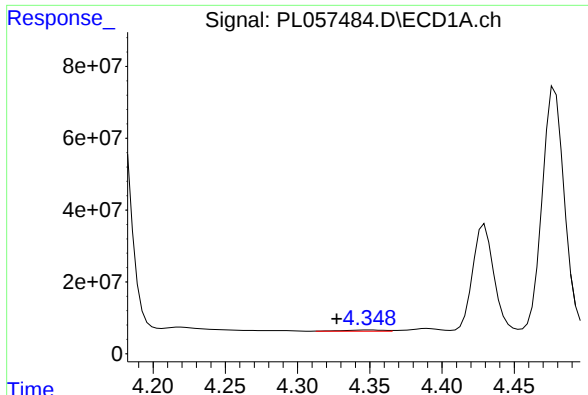
#22 Mirex

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 377886624
Conc: 46.66 ng/ml



#22 Mirex

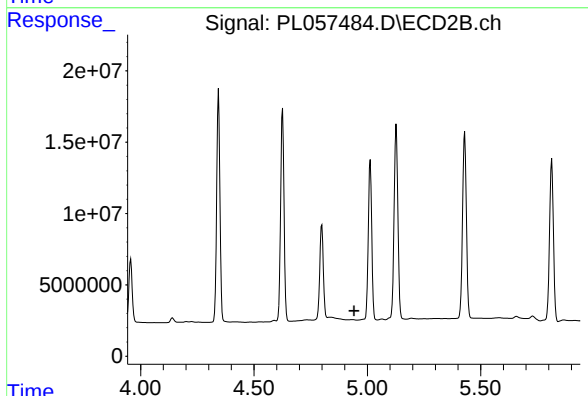
R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 93231619
Conc: 48.82 ng/ml



#23 Chlordane-1

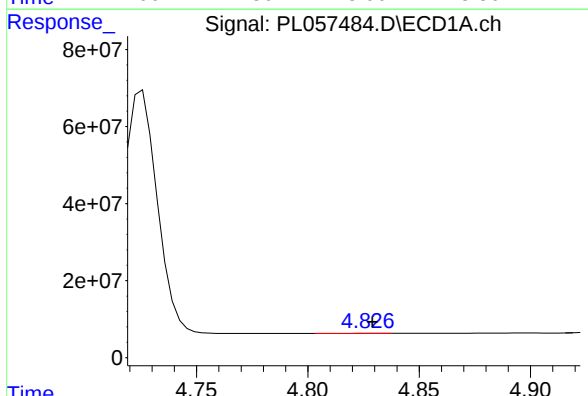
R.T.: 4.349 min
Delta R.T.: 0.022 min
Response: 5951607
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



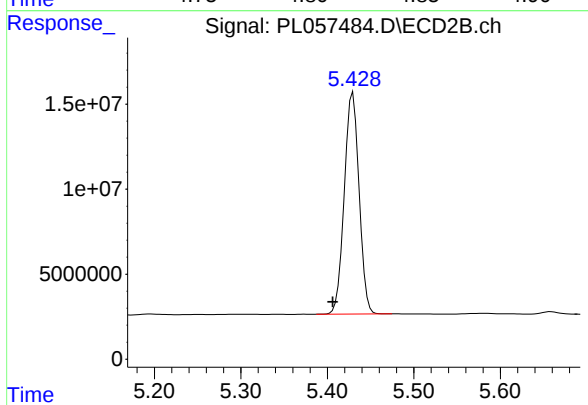
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



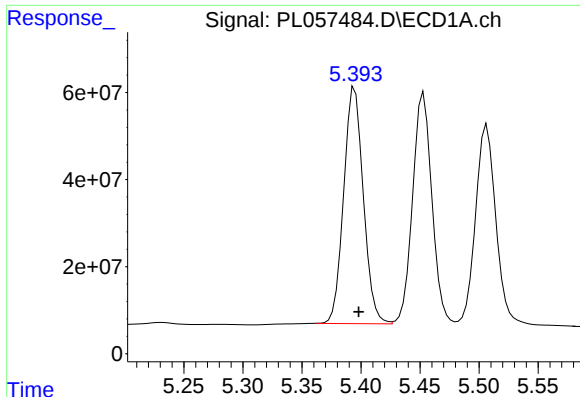
#24 Chlordane-2

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 235569
Conc: 0.65 ng/ml



#24 Chlordane-2

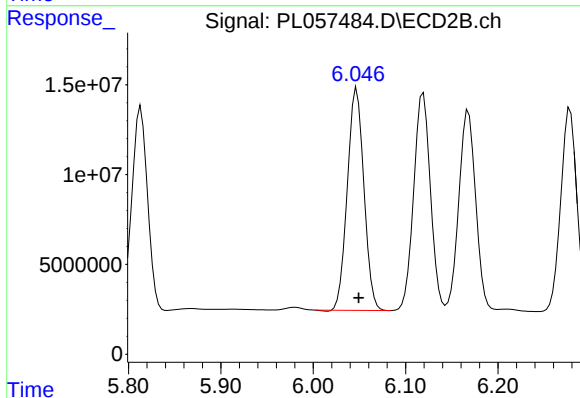
R.T.: 5.429 min
Delta R.T.: 0.023 min
Response: 153841843
Conc: 1632.43 ng/ml



#25 Chlordane-3

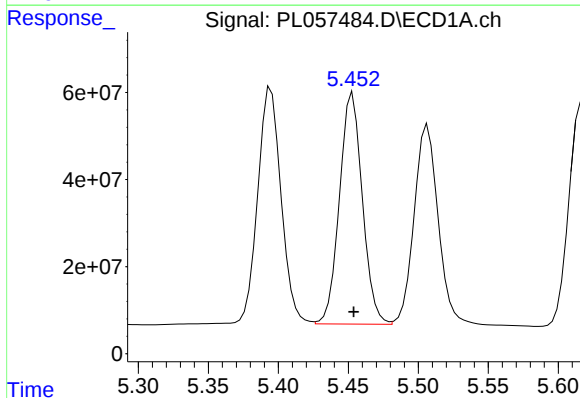
R.T.: 5.395 min
Delta R.T.: -0.003 min
Response: 628636538
Conc: 557.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



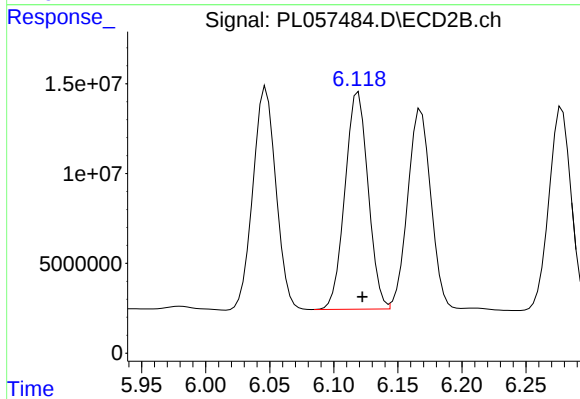
#25 Chlordane-3

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 153997504
Conc: 406.11 ng/ml



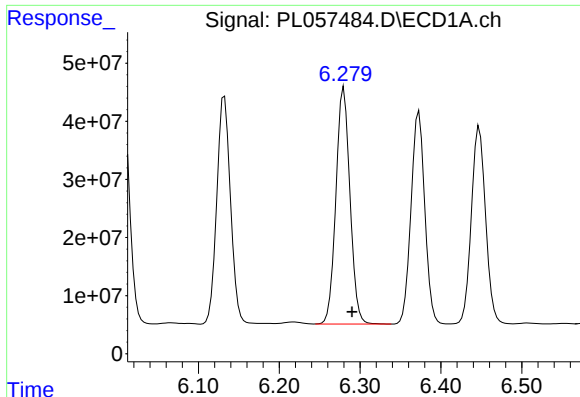
#26 Chlordane-4

R.T.: 5.453 min
Delta R.T.: 0.000 min
Response: 604877085
Conc: 630.95 ng/ml



#26 Chlordane-4

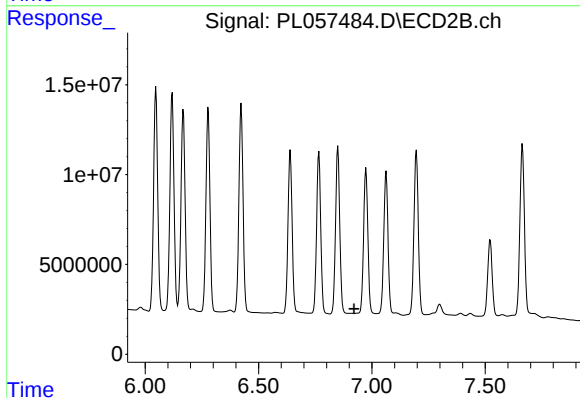
R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 151944077
Conc: 331.98 ng/ml



#27 Chlordane-5

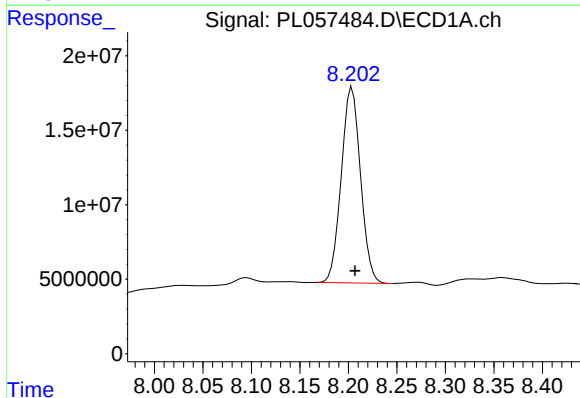
R.T.: 6.280 min
Delta R.T.: -0.010 min
Response: 490894939
Conc: 1349.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



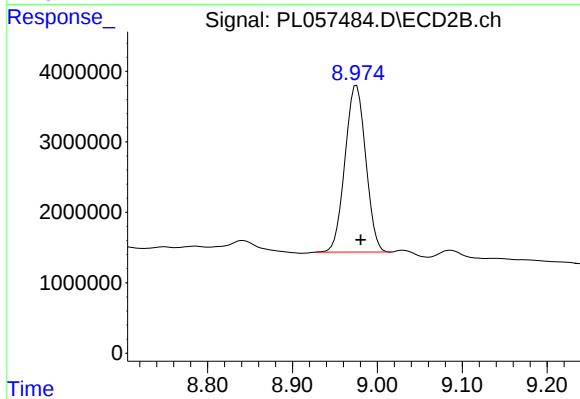
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.922 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.003 min
Response: 181226913
Conc: 17.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.005 min
Response: 40179064
Conc: 18.12 ng/ml