

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032321\
 Data File : PL065503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2021 16:25
 Operator : AR\AJ
 Sample : PB135311BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:14:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 2021
 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...	3.286	3.785	50887623	54830839	21.428	19.977
28)	SA Decachlor...	7.925	8.734	50913504	45302423	21.073	22.855
Target Compounds							
2)	A alpha-BHC	3.710	4.170	201.3E6	188.7E6	53.853	46.425
3)	MA gamma-BHC...	3.983	4.449	186.3E6	174.9E6	54.466	47.895
4)	MA Heptachlor	4.269	4.935	167.3E6	156.7E6	51.116	46.997
5)	MB Aldrin	4.506	5.231	164.6E6	146.2E6	51.959	44.652
6)	B beta-BHC	4.233	4.631	71243997	76540943	50.381	44.430
7)	B delta-BHC	4.426	4.839	162.5E6	151.4E6	48.873	50.649
8)	B Heptachlo...	4.938	5.617	153.8E6	141.9E6	52.016	49.089
9)	A Endosulfan I	5.265	5.967	139.1E6	122.9E6	51.022	46.690
10)	B gamma-Chl...	5.159	5.848	152.2E6	133.1E6	51.541	47.706
11)	B alpha-Chl...	5.215	5.918	150.8E6	133.1E6	51.829	47.944
12)	B 4,4'-DDE	5.381	6.082	134.8E6	115.8E6	51.220	46.489
13)	MA Dieldrin	5.502	6.223	142.8E6	125.2E6	51.010	46.024
14)	MA Endrin	5.752	6.438	124.2E6	105.3E6	49.738	47.675
15)	B Endosulfa...	6.025	6.655	125.0E6	109.8E6	51.039	48.659
16)	A 4,4'-DDD	5.888	6.573	109.7E6	97499926	49.623	44.328
17)	MA 4,4'-DDT	6.122	6.865	103.1E6	92859161	54.454	47.310
18)	B Endrin al...	6.192	6.779	99027298	89244395	51.569	50.942
19)	B Endosulfa...	6.402	7.000	119.8E6	104.3E6	48.472	47.525
20)	A Methoxychlor	6.667	7.330	57368841	52723334	50.038	50.484
21)	B Endrin ke...	6.880	7.467	127.6E6	115.9E6	47.486	49.107
22)	Mirex	7.052	7.902	98992415	85187326	48.614	51.180
23)	Chlordane-1	4.147f	0.000	4863	0	0.056	N.D. #
24)	Chlordane-2	0.000	5.231	0	146.2E6	N.D.	1342.731 #
25)	Chlordane-3	5.159	5.848	152.2E6	133.1E6	510.053	326.591 #
26)	Chlordane-4	5.215	5.918	150.8E6	133.1E6	553.632	276.596 #
27)	Chlordane-5	6.025	0.000	125.0E6	0	1250.601	N.D. #

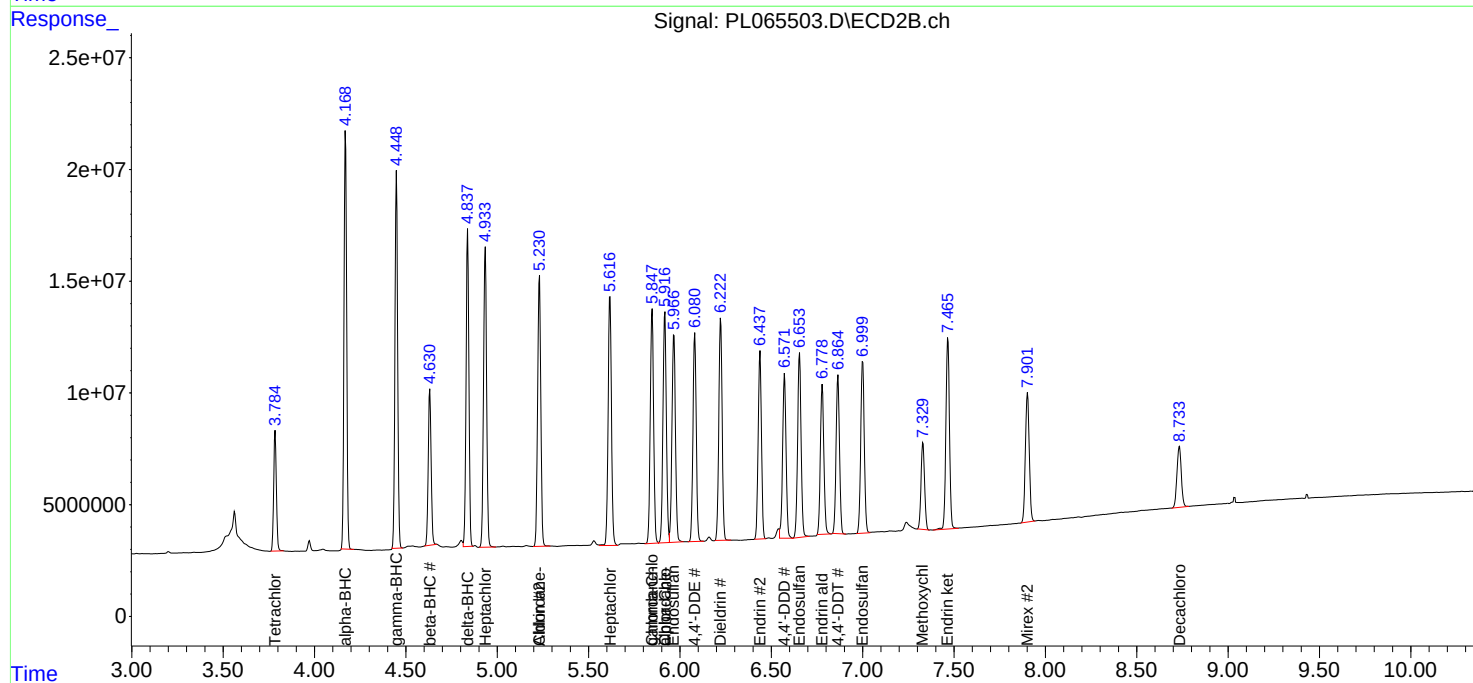
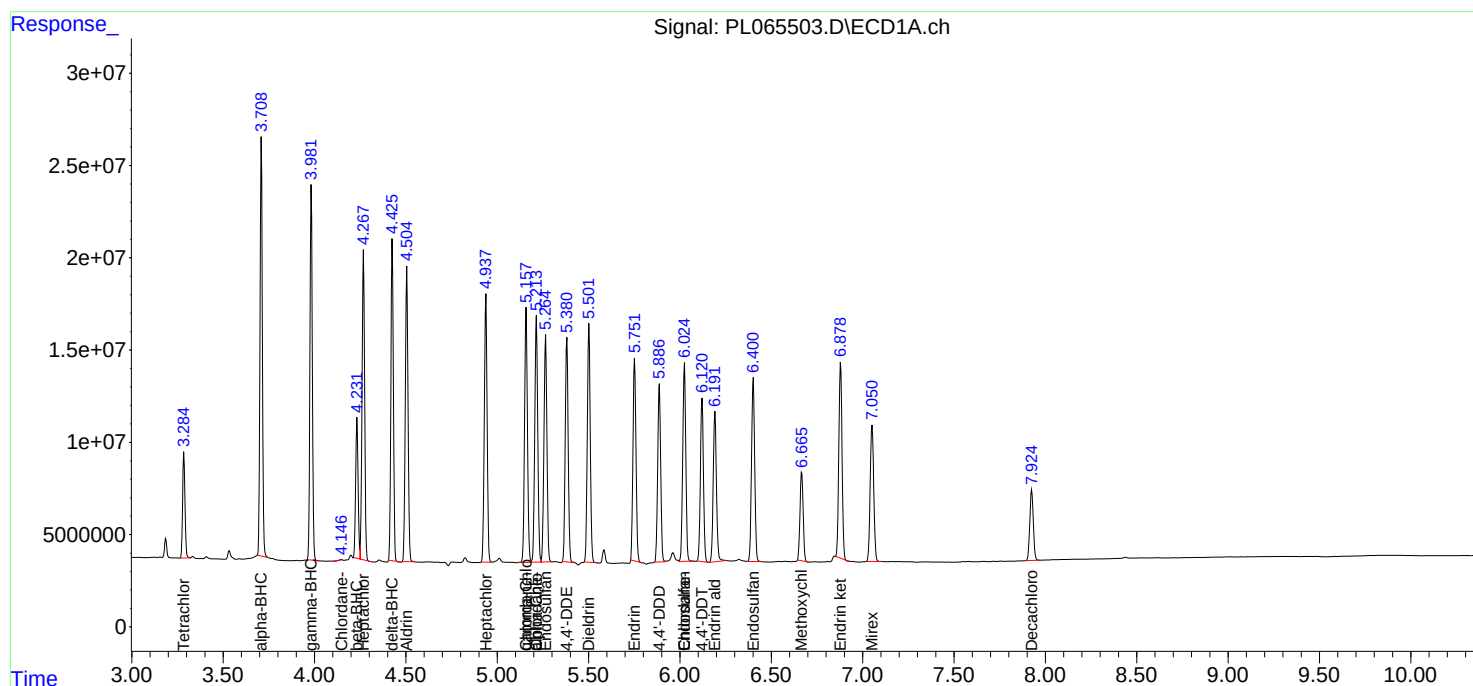
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

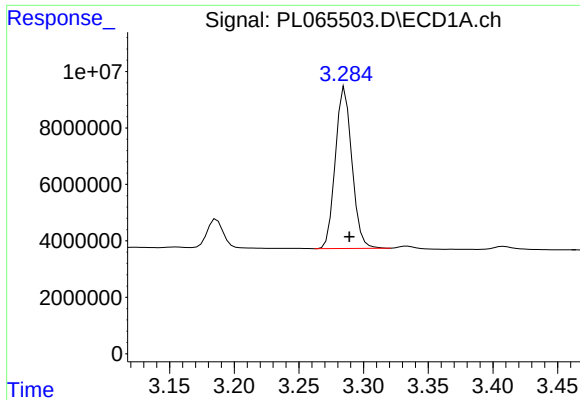
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032321\
 Data File : PL065503.D
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

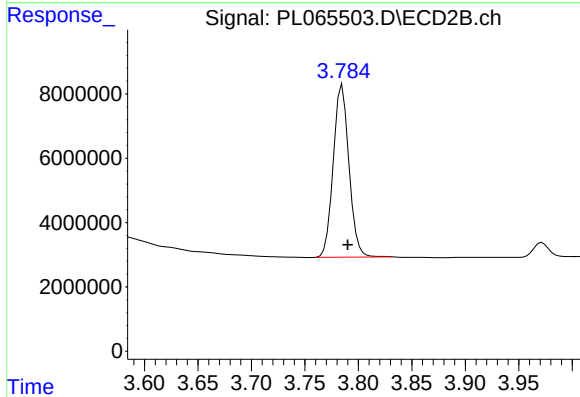




#1 Tetrachloro-m-xylene

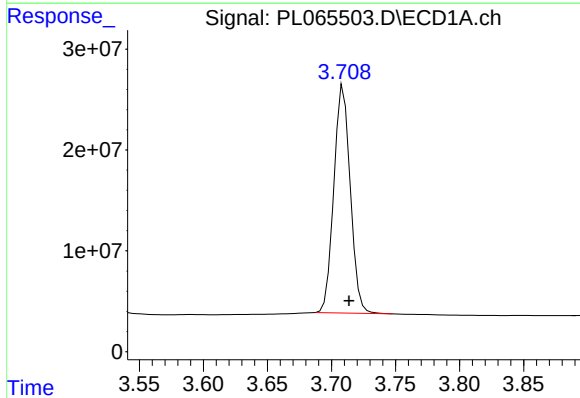
R.T.: 3.286 min
Delta R.T.: -0.003 min
Response: 50887623
Conc: 21.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



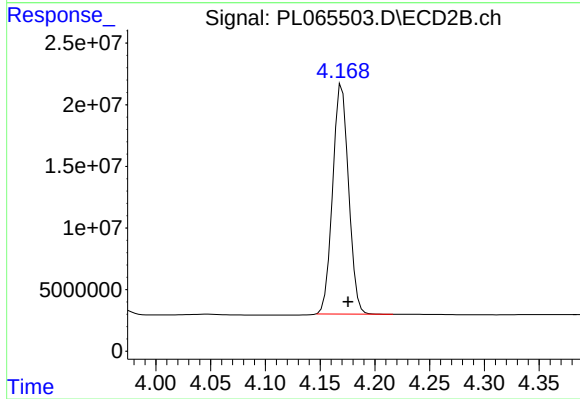
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 54830839
Conc: 19.98 ng/ml



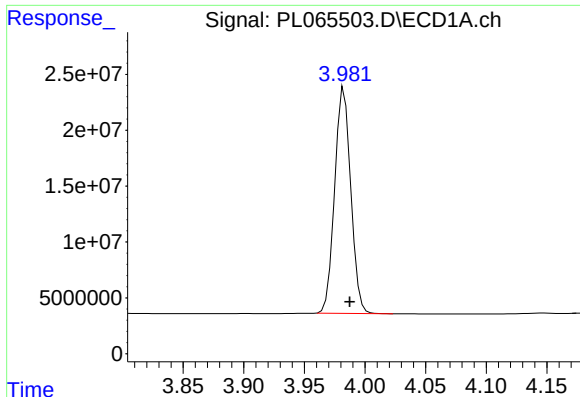
#2 alpha-BHC

R.T.: 3.710 min
Delta R.T.: -0.004 min
Response: 201342380
Conc: 53.85 ng/ml



#2 alpha-BHC

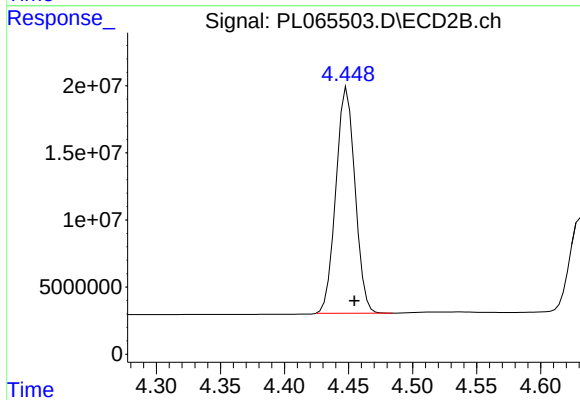
R.T.: 4.170 min
Delta R.T.: -0.005 min
Response: 188663201
Conc: 46.43 ng/ml



#3 gamma-BHC (Lindane)

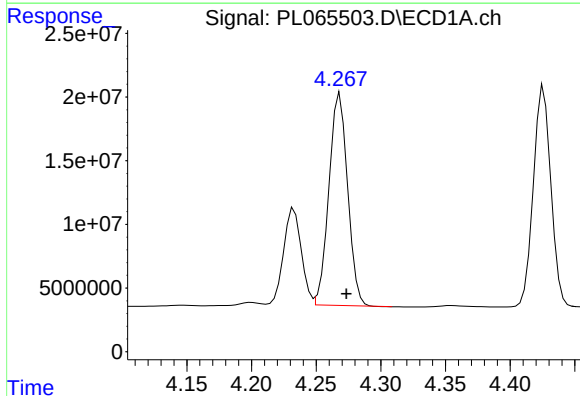
R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 186282406
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



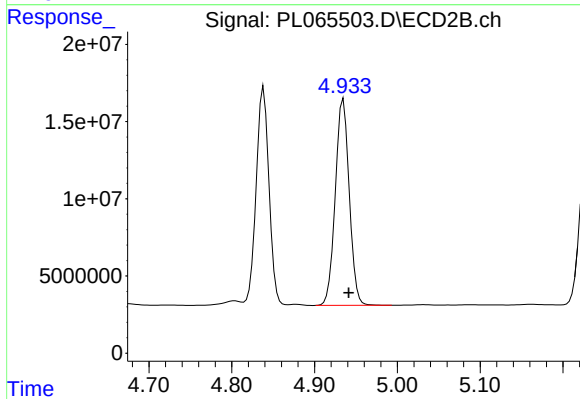
#3 gamma-BHC (Lindane)

R.T.: 4.449 min
Delta R.T.: -0.006 min
Response: 174891299
Conc: 47.90 ng/ml



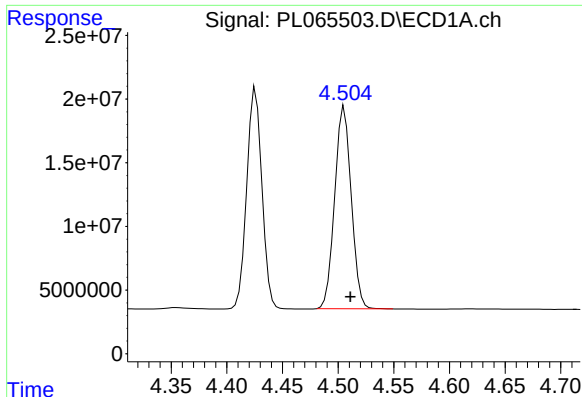
#4 Heptachlor

R.T.: 4.269 min
Delta R.T.: -0.005 min
Response: 167289741
Conc: 51.12 ng/ml



#4 Heptachlor

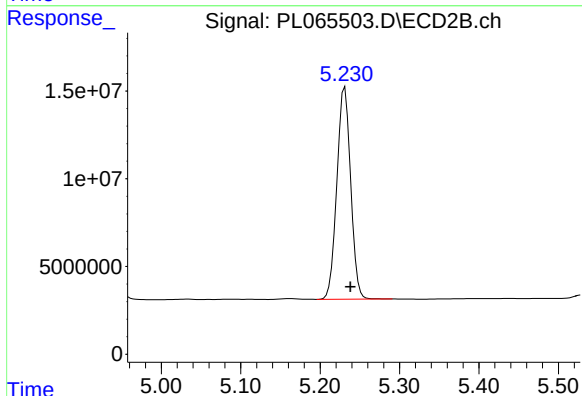
R.T.: 4.935 min
Delta R.T.: -0.006 min
Response: 156719235
Conc: 47.00 ng/ml



#5 Aldrin

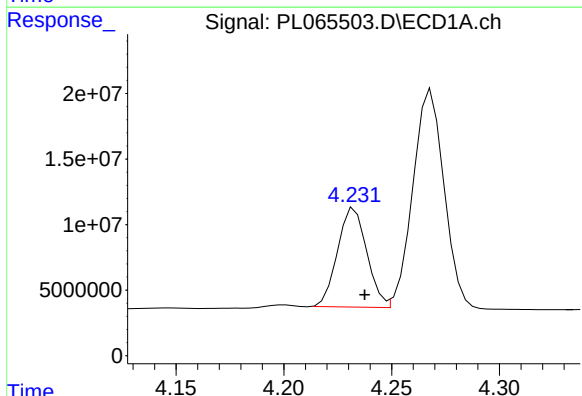
R.T.: 4.506 min
Delta R.T.: -0.005 min
Response: 164641520
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



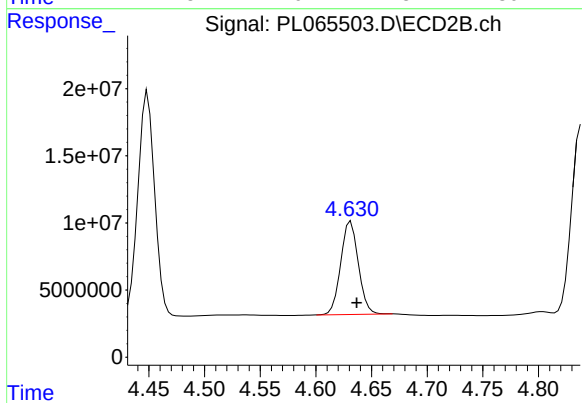
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.007 min
Response: 146241010
Conc: 44.65 ng/ml



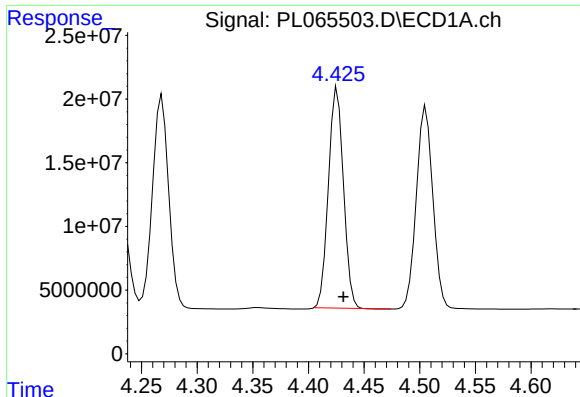
#6 beta-BHC

R.T.: 4.233 min
Delta R.T.: -0.005 min
Response: 71243997
Conc: 50.38 ng/ml



#6 beta-BHC

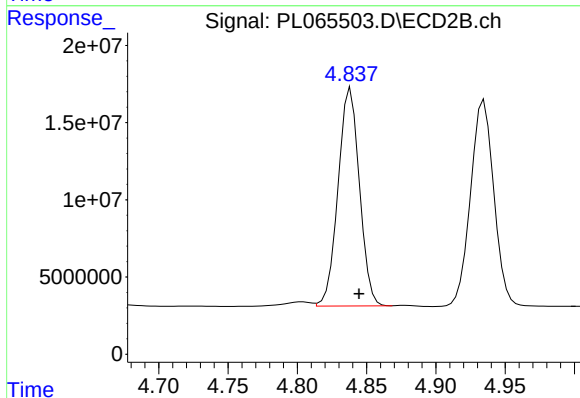
R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 76540943
Conc: 44.43 ng/ml



#7 delta-BHC

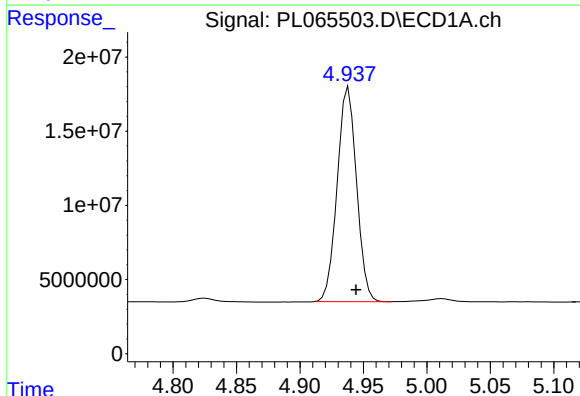
R.T.: 4.426 min
Delta R.T.: -0.005 min
Response: 162547006
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



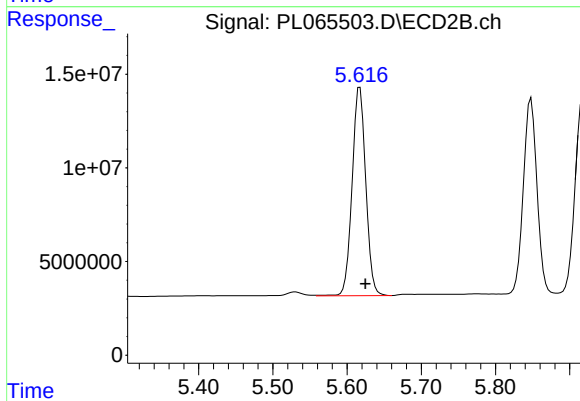
#7 delta-BHC

R.T.: 4.839 min
Delta R.T.: -0.006 min
Response: 151360515
Conc: 50.65 ng/ml



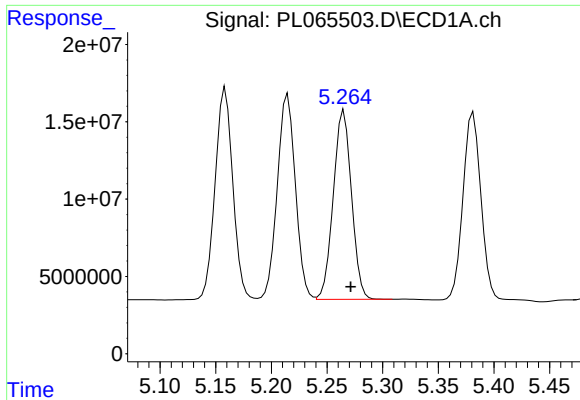
#8 Heptachlor epoxide

R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 153819627
Conc: 52.02 ng/ml



#8 Heptachlor epoxide

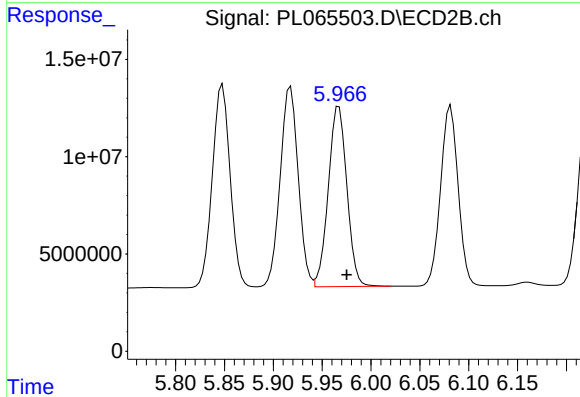
R.T.: 5.617 min
Delta R.T.: -0.007 min
Response: 141904349
Conc: 49.09 ng/ml



#9 Endosulfan I

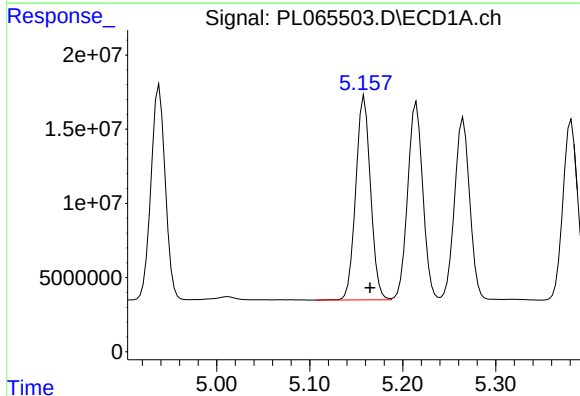
R.T.: 5.265 min
Delta R.T.: -0.006 min
Response: 139076898
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



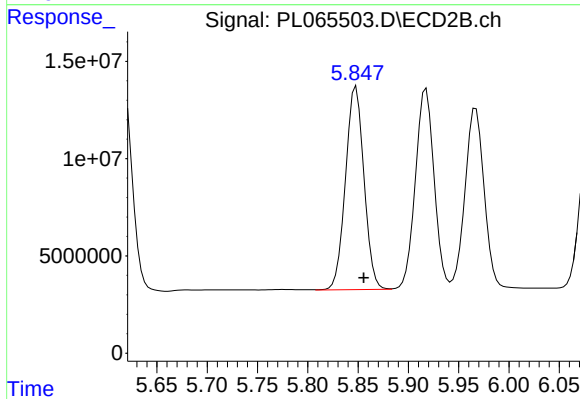
#9 Endosulfan I

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 122922588
Conc: 46.69 ng/ml



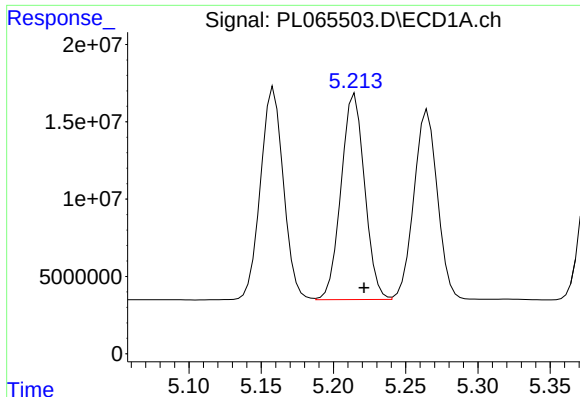
#10 gamma-Chlordane

R.T.: 5.159 min
Delta R.T.: -0.006 min
Response: 152184806
Conc: 51.54 ng/ml



#10 gamma-Chlordane

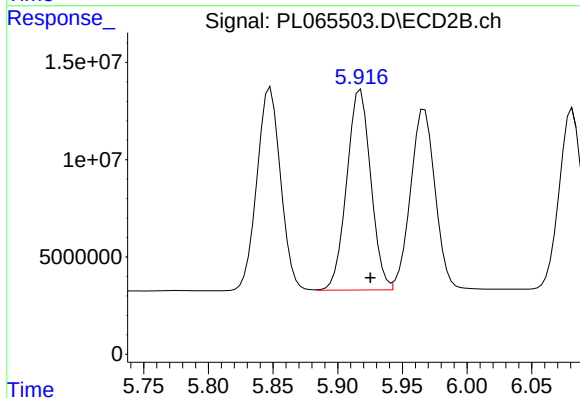
R.T.: 5.848 min
Delta R.T.: -0.008 min
Response: 133127286
Conc: 47.71 ng/ml



#11 alpha-Chlordane

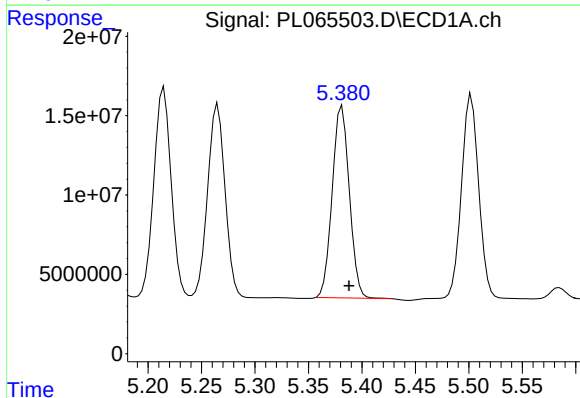
R.T.: 5.215 min
Delta R.T.: -0.006 min
Response: 150828334
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



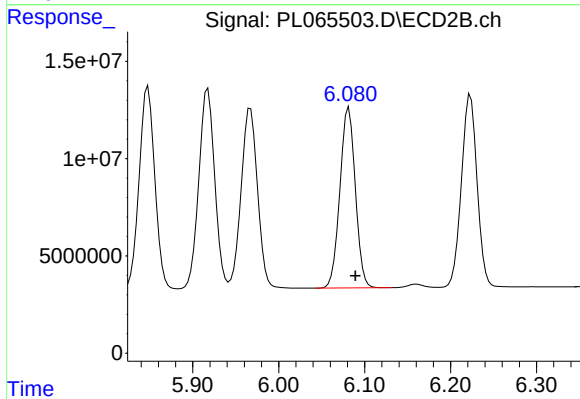
#11 alpha-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 133062797
Conc: 47.94 ng/ml



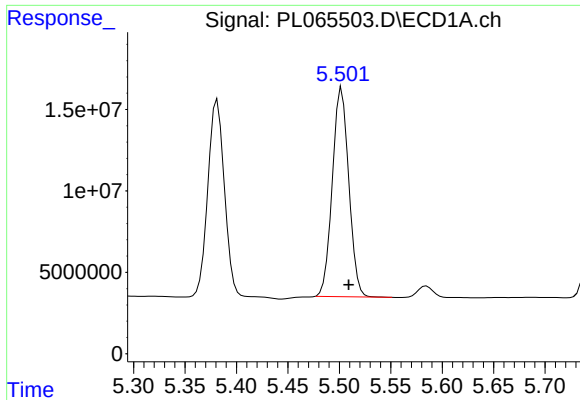
#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: -0.006 min
Response: 134789992
Conc: 51.22 ng/ml



#12 4,4'-DDE

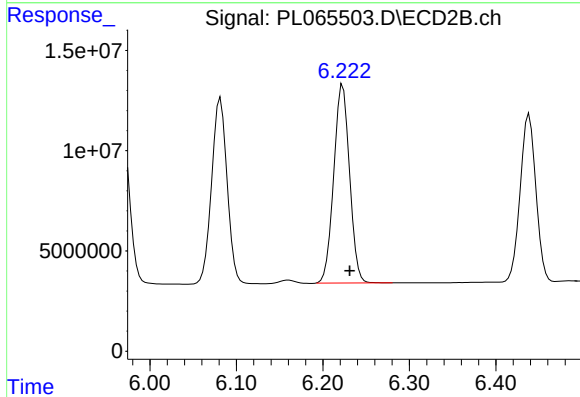
R.T.: 6.082 min
Delta R.T.: -0.008 min
Response: 115793537
Conc: 46.49 ng/ml



#13 Dieldrin

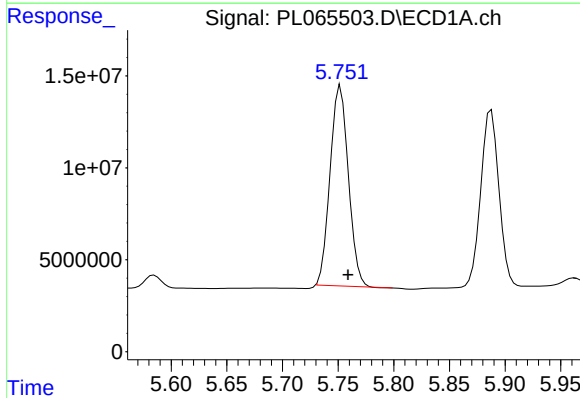
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 142789397
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



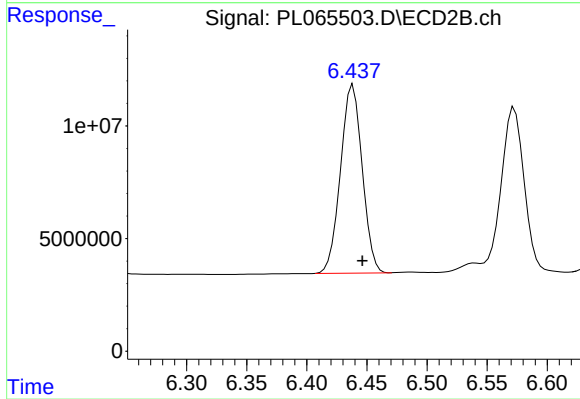
#13 Dieldrin

R.T.: 6.223 min
Delta R.T.: -0.008 min
Response: 125191818
Conc: 46.02 ng/ml



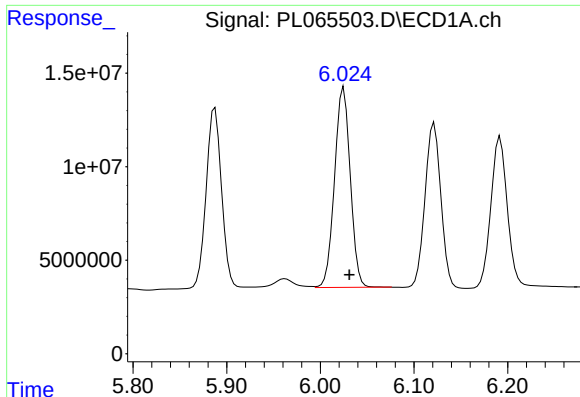
#14 Endrin

R.T.: 5.752 min
Delta R.T.: -0.007 min
Response: 124194120
Conc: 49.74 ng/ml



#14 Endrin

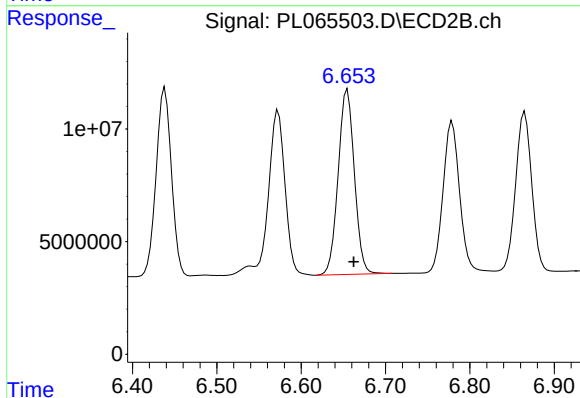
R.T.: 6.438 min
Delta R.T.: -0.008 min
Response: 105306348
Conc: 47.68 ng/ml



#15 Endosulfan II

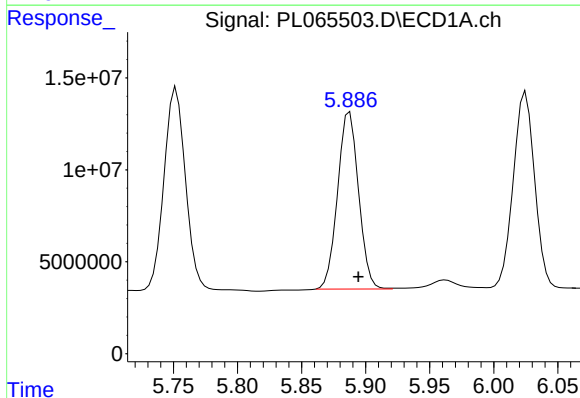
R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 125031841
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



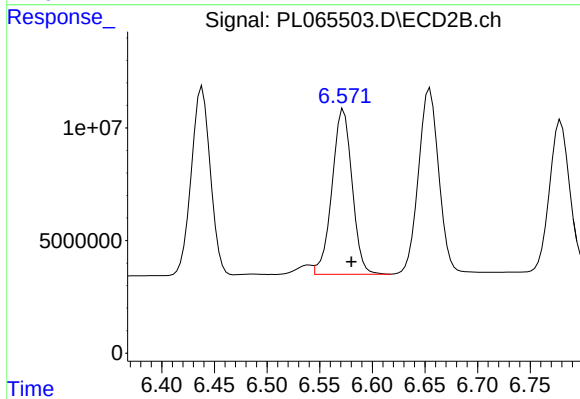
#15 Endosulfan II

R.T.: 6.655 min
Delta R.T.: -0.008 min
Response: 109839030
Conc: 48.66 ng/ml



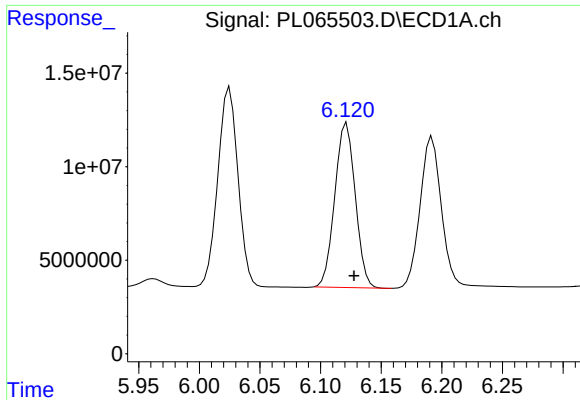
#16 4,4'-DDD

R.T.: 5.888 min
Delta R.T.: -0.007 min
Response: 109673855
Conc: 49.62 ng/ml



#16 4,4'-DDD

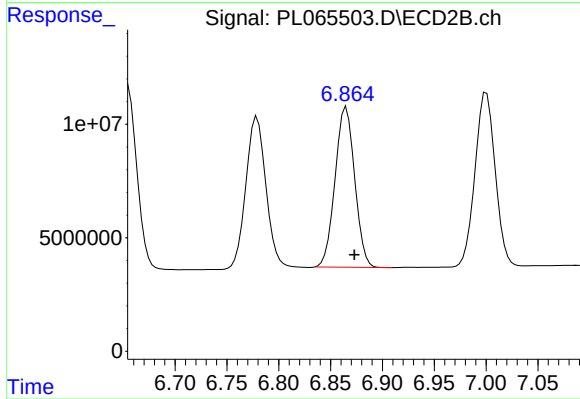
R.T.: 6.573 min
Delta R.T.: -0.008 min
Response: 97499926
Conc: 44.33 ng/ml



#17 4,4'-DDT

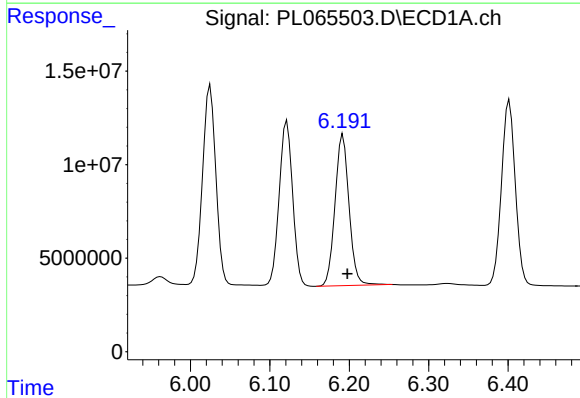
R.T.: 6.122 min
Delta R.T.: -0.006 min
Response: 103066641
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



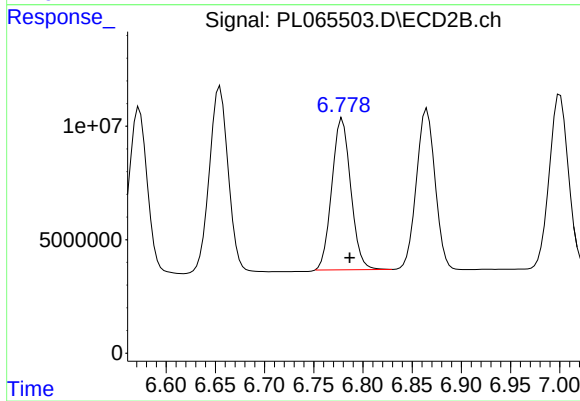
#17 4,4'-DDT

R.T.: 6.865 min
Delta R.T.: -0.008 min
Response: 92859161
Conc: 47.31 ng/ml



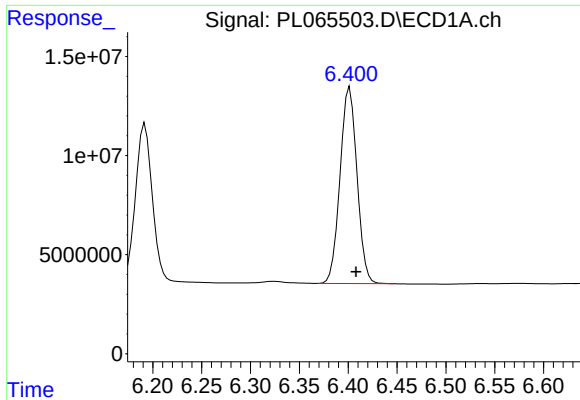
#18 Endrin aldehyde

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 99027298
Conc: 51.57 ng/ml



#18 Endrin aldehyde

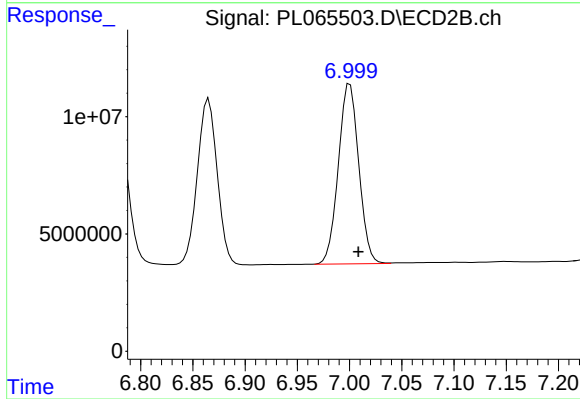
R.T.: 6.779 min
Delta R.T.: -0.008 min
Response: 89244395
Conc: 50.94 ng/ml



#19 Endosulfan Sulfate

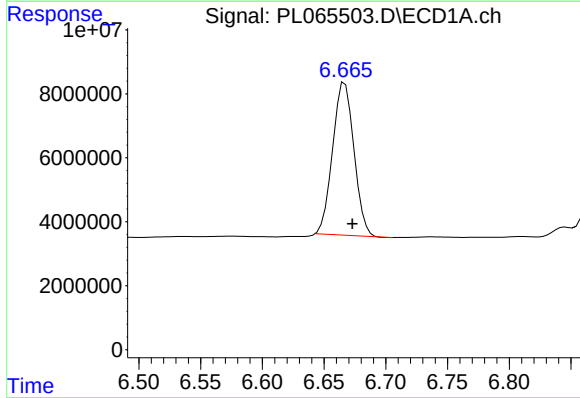
R.T.: 6.402 min
Delta R.T.: -0.007 min
Response: 119800496
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



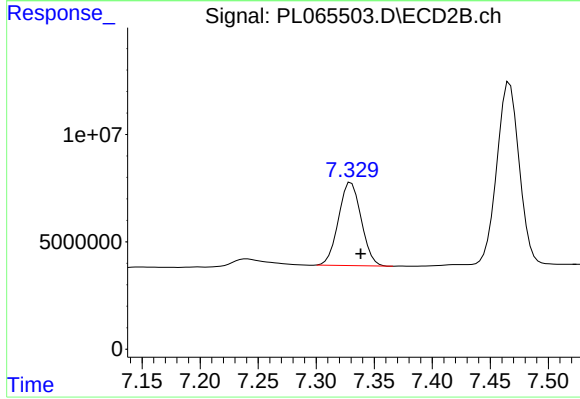
#19 Endosulfan Sulfate

R.T.: 7.000 min
Delta R.T.: -0.008 min
Response: 104255942
Conc: 47.52 ng/ml



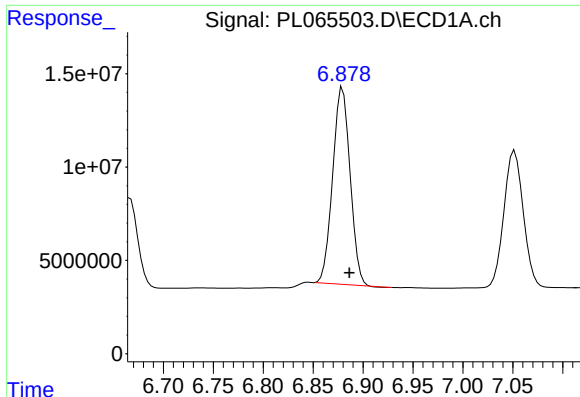
#20 Methoxychlor

R.T.: 6.667 min
Delta R.T.: -0.006 min
Response: 57368841
Conc: 50.04 ng/ml



#20 Methoxychlor

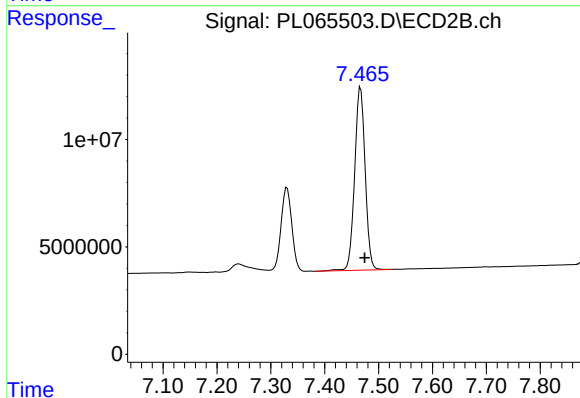
R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 52723334
Conc: 50.48 ng/ml



#21 Endrin ketone

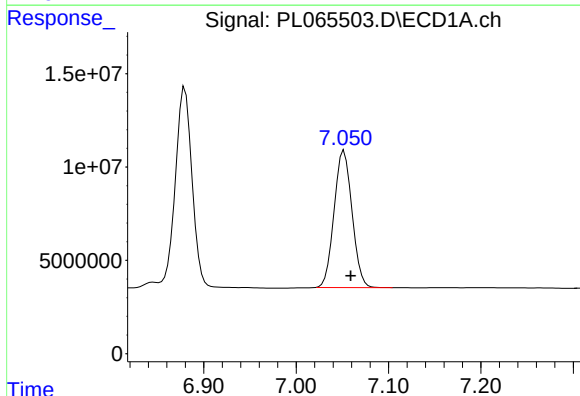
R.T.: 6.880 min
Delta R.T.: -0.007 min
Response: 127640795
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



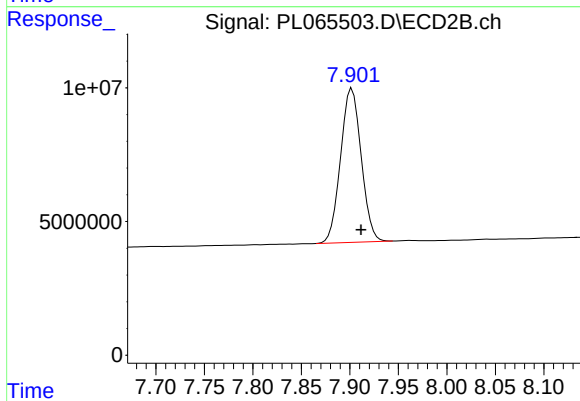
#21 Endrin ketone

R.T.: 7.467 min
Delta R.T.: -0.008 min
Response: 115857576
Conc: 49.11 ng/ml



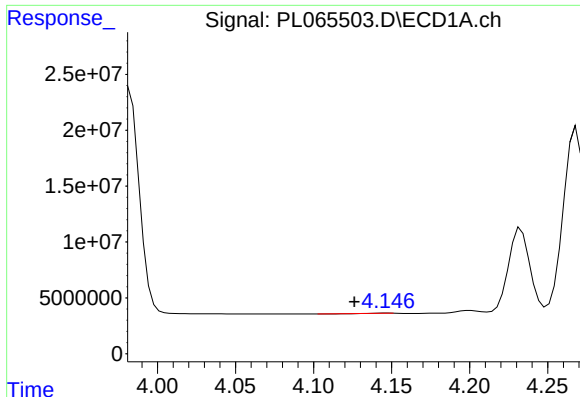
#22 Mirex

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 98992415
Conc: 48.61 ng/ml



#22 Mirex

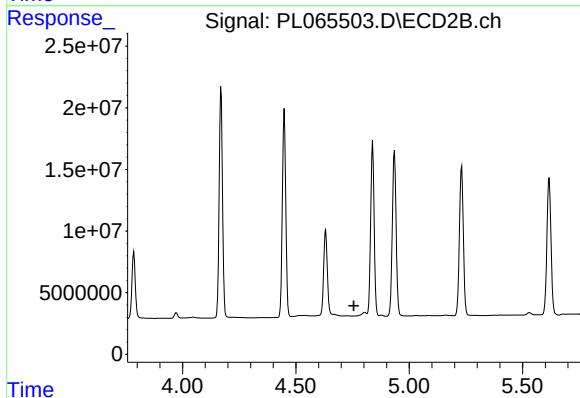
R.T.: 7.902 min
Delta R.T.: -0.009 min
Response: 85187326
Conc: 51.18 ng/ml



#23 Chlordane-1

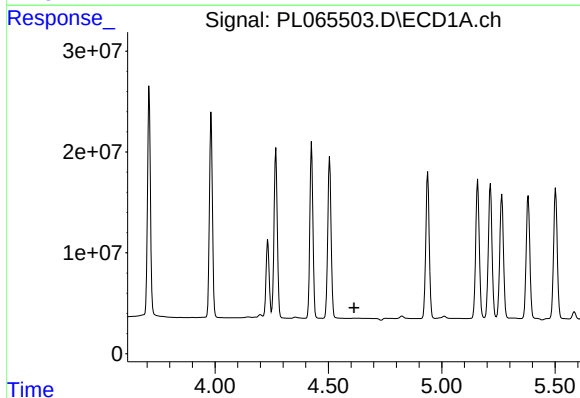
R.T.: 4.147 min
Delta R.T.: 0.021 min
Response: 4863
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



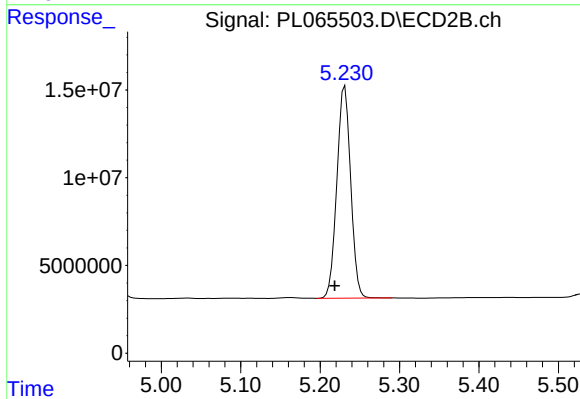
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.755 min
Response: 0
Conc: N.D.



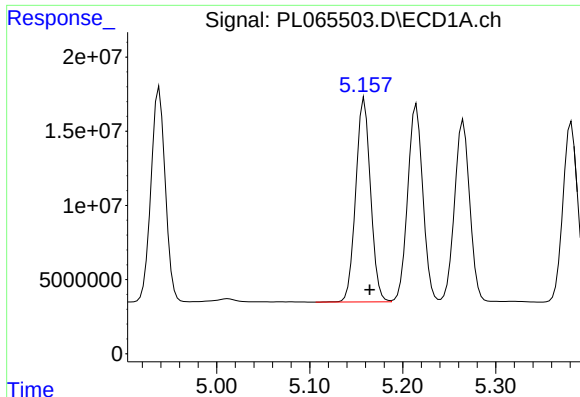
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.614 min
Response: 0
Conc: N.D.



#24 Chlordane-2

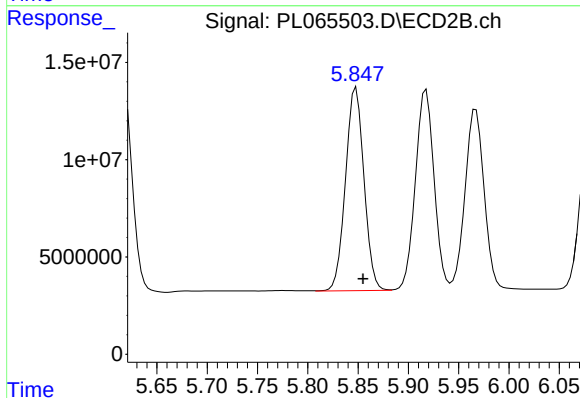
R.T.: 5.231 min
Delta R.T.: 0.013 min
Response: 146241010
Conc: 1342.73 ng/ml



#25 Chlordane-3

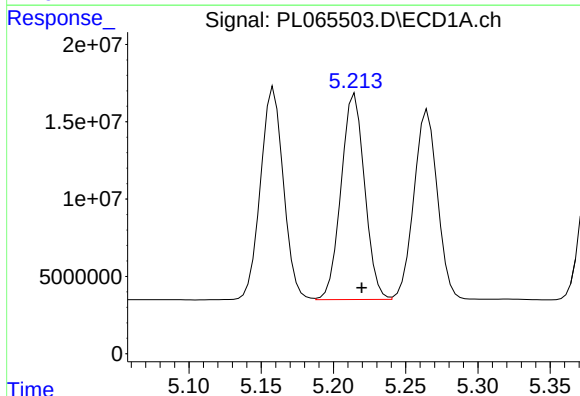
R.T.: 5.159 min
Delta R.T.: -0.006 min
Response: 152184806
Conc: 510.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



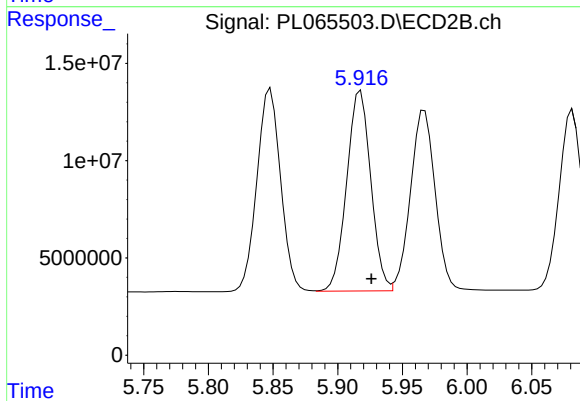
#25 Chlordane-3

R.T.: 5.848 min
Delta R.T.: -0.007 min
Response: 133127286
Conc: 326.59 ng/ml



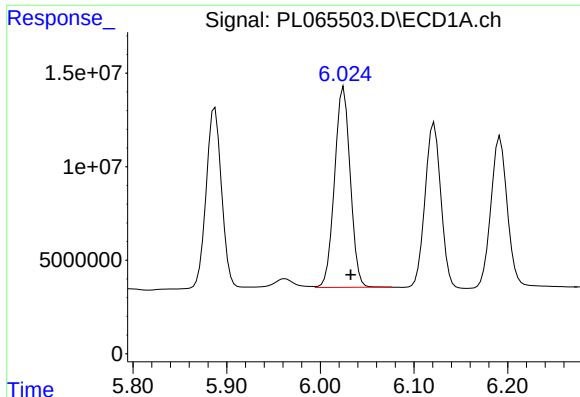
#26 Chlordane-4

R.T.: 5.215 min
Delta R.T.: -0.005 min
Response: 150828334
Conc: 553.63 ng/ml



#26 Chlordane-4

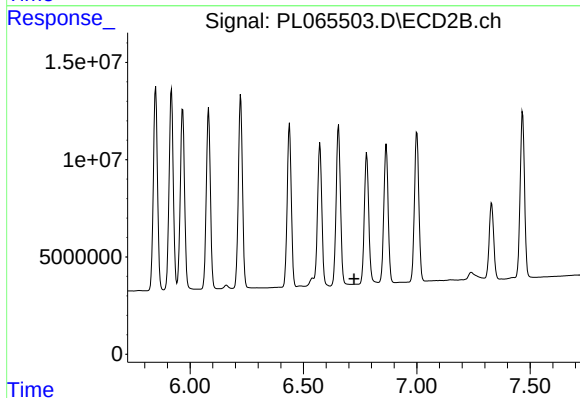
R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 133062797
Conc: 276.60 ng/ml



#27 Chlordane-5

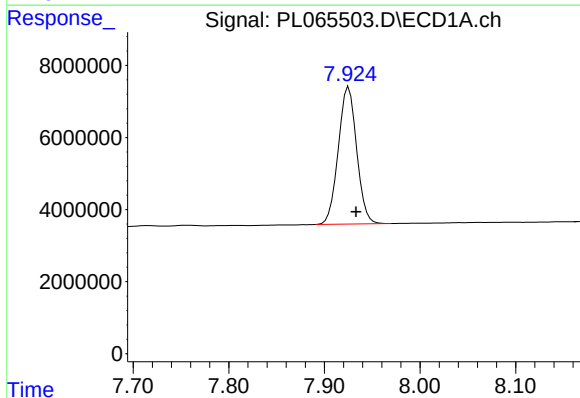
R.T.: 6.025 min
Delta R.T.: -0.008 min
Response: 125031841
Conc: 1250.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



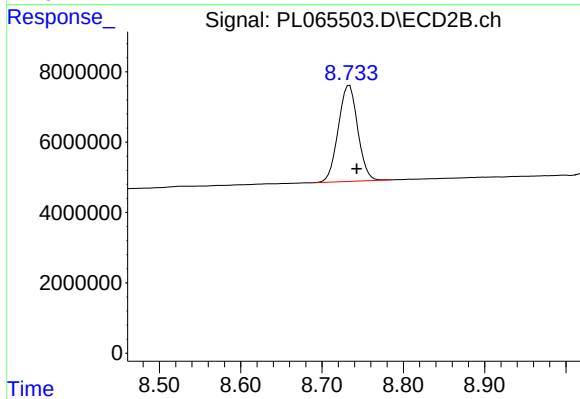
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.724 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.007 min
Response: 50913504
Conc: 21.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.009 min
Response: 45302423
Conc: 22.86 ng/ml