

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032720\
 Data File : PL057645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2020 11:20
 Operator : AJ\MA
 Sample : L1753-16MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CL-02-032520MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 00:51:16 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...	3.459	3.957	252.4E6	56650410	27.227	26.112
28)	SA Decachlor...	8.206	8.980	217.4E6	47698241	20.545	21.511
Target Compounds							
2)	A alpha-BHC	3.896	4.345	1154.8E6	237.0E6	72.497	73.792
3)	MA gamma-BHC...	4.180	4.627	1060.7E6	226.5E6	73.798	72.195
4)	MA Heptachlor	4.480	5.129	1083.1E6	237.9E6	72.922	75.584
5)	MB Aldrin	4.728	5.430	1012.5E6	227.8E6	73.401	74.680
6)	B beta-BHC	4.432	4.799	444.0E6	107.3E6	75.522	74.386
7)	B delta-BHC	4.635	5.014	1030.6E6	163.1E6	73.433	61.801
8)	B Heptachlo...	5.171	5.814	928.5E6	195.7E6	72.448	71.731
9)	A Endosulfan I	5.509	6.170	867.3E6	211.4E6	72.946	74.294
10)	B gamma-Chl...	5.397	6.049	948.8E6	231.8E6	72.760	75.194
11)	B alpha-Chl...	5.455	6.120	908.1E6	228.6E6	70.275	73.428
12)	B 4,4'-DDE	5.619	6.279	909.7E6	215.6E6	73.035	75.836
13)	MA Dieldrin	5.752	6.425	941.4E6	223.6E6	74.639	75.594
14)	MA Endrin	6.009	6.642	832.8E6	183.4E6	72.851	76.008
15)	B Endosulfa...	6.282	6.852	759.1E6	176.1E6	69.890	67.029
16)	A 4,4'-DDD	6.135	6.768	704.0E6	162.6E6	71.824	71.207
17)	MA 4,4'-DDT	6.375	7.065	727.1E6	161.0E6	72.910	70.702
18)	B Endrin al...	6.450	6.976	641.9E6	152.4E6	69.502	68.535
19)	B Endosulfa...	6.664	7.199	737.3E6	170.7E6	73.414	69.978
20)	A Methoxychlor	6.920	7.525	357.4E6	84966584	66.606	65.330
21)	B Endrin ke...	7.154	7.666	813.6E6	177.2E6	71.982	68.435
22)	Mirex	7.341	8.116	560.9E6	125.6E6	69.251	65.794
23)	Chlordane-1	4.350f	0.000	1081544	0	3.332	N.D. #
24)	Chlordane-2	4.853f	5.430f	13943666	227.8E6	38.373	2417.511 #
25)	Chlordane-3	5.397	6.049	948.8E6	231.8E6	841.375	611.174 #
26)	Chlordane-4	5.455	6.120	908.1E6	228.6E6	947.297	499.366 #
27)	Chlordane-5	6.282	0.000	759.1E6	0	2086.188	N.D. #

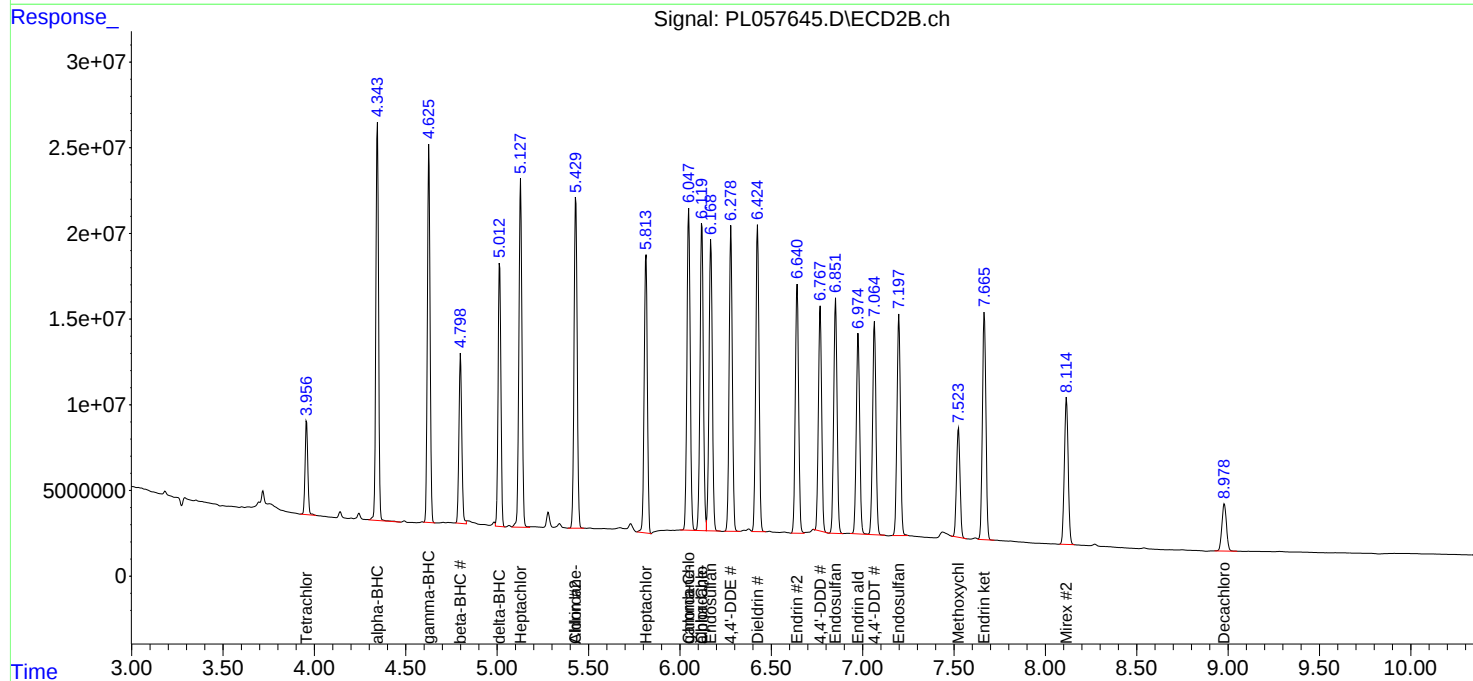
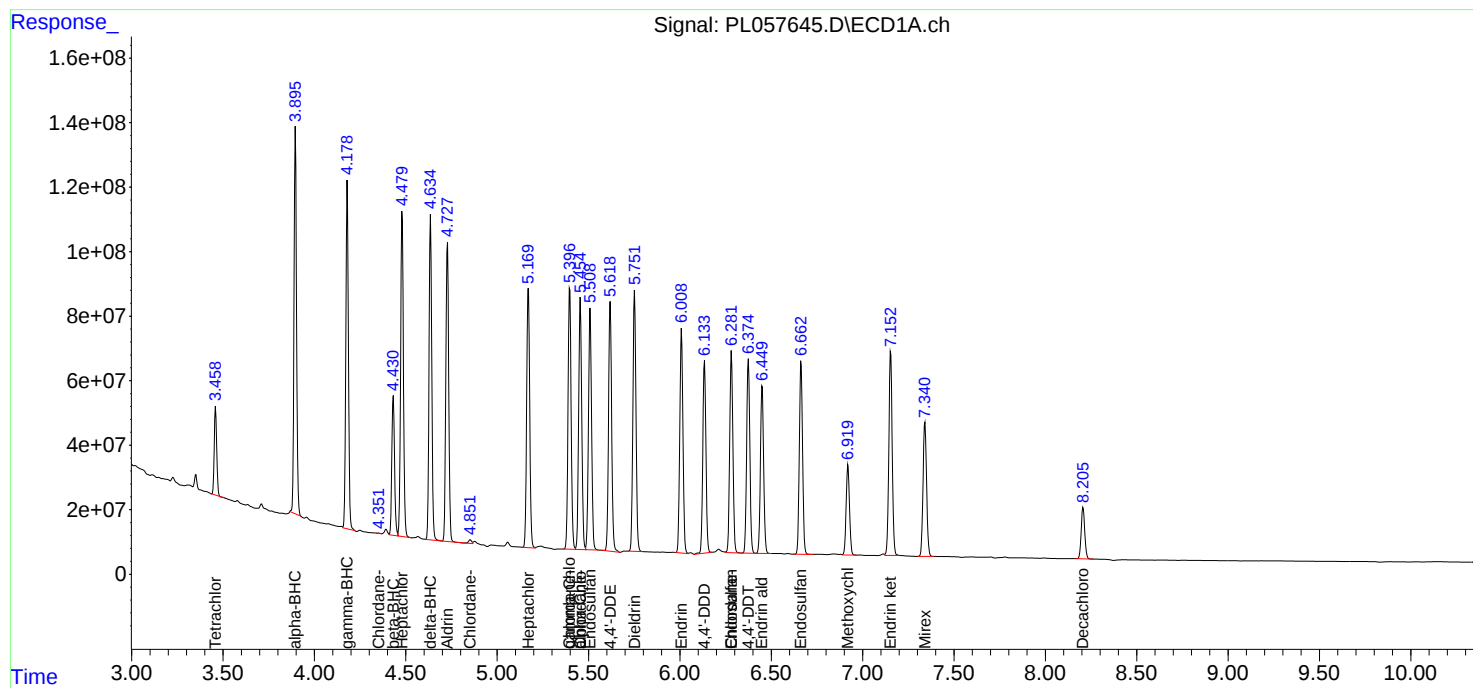
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

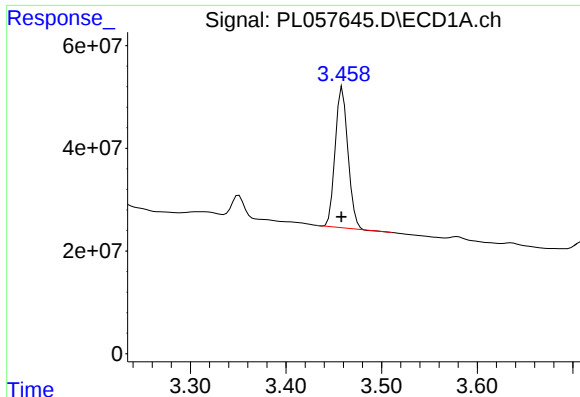
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032720\
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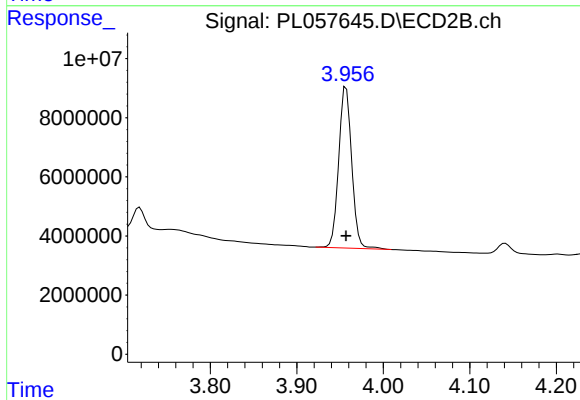




#1 Tetrachloro-m-xylene

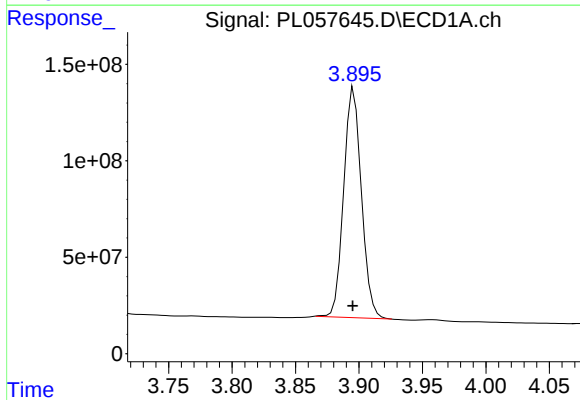
R.T.: 3.459 min
Delta R.T.: 0.001 min
Response: 252381508
Conc: 27.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



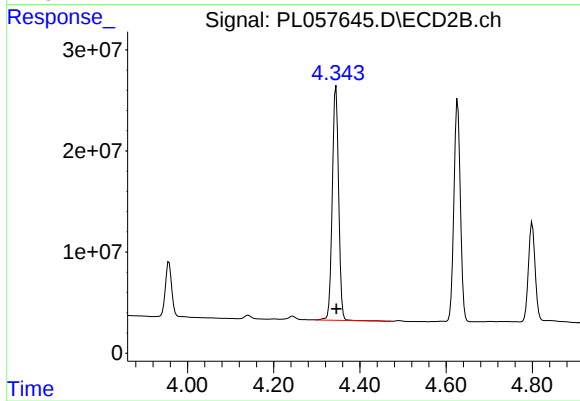
#1 Tetrachloro-m-xylene

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 56650410
Conc: 26.11 ng/ml



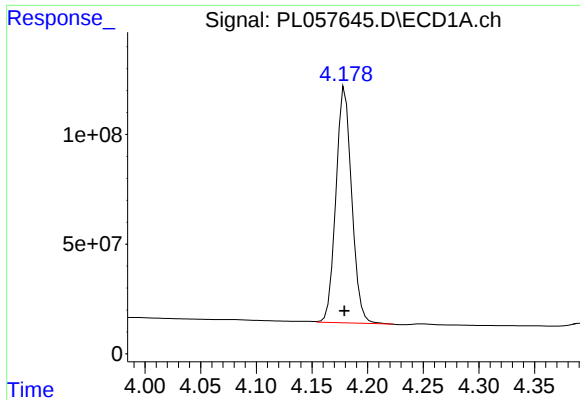
#2 alpha-BHC

R.T.: 3.896 min
Delta R.T.: 0.001 min
Response: 1154842616
Conc: 72.50 ng/ml



#2 alpha-BHC

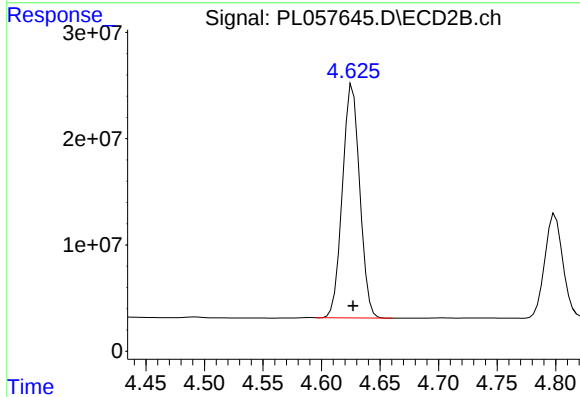
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 237024328
Conc: 73.79 ng/ml



#3 gamma-BHC (Lindane)

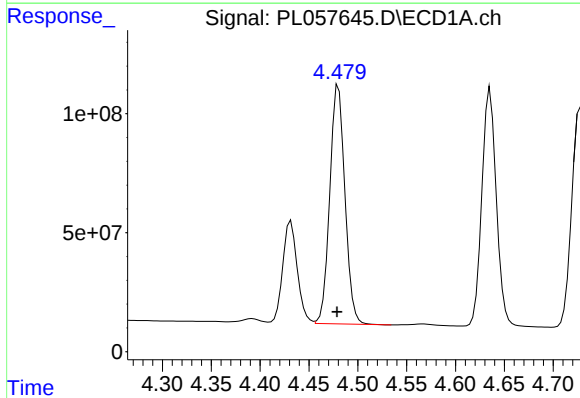
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 1060680299
Conc: 73.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



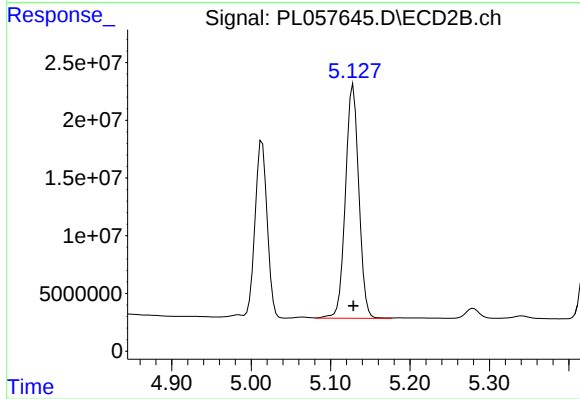
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 226508595
Conc: 72.20 ng/ml



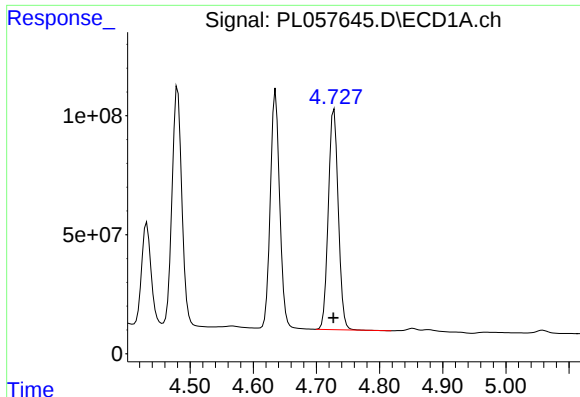
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 1083052317
Conc: 72.92 ng/ml



#4 Heptachlor

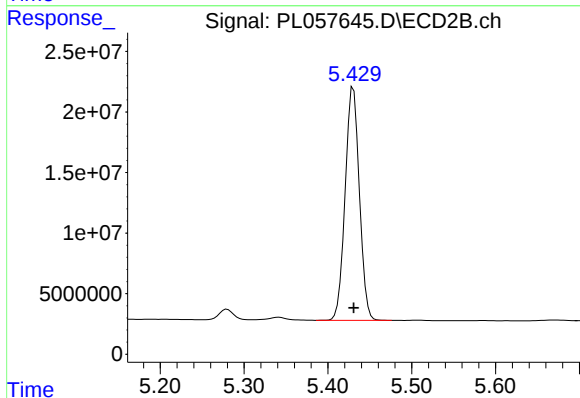
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 237918195
Conc: 75.58 ng/ml



#5 Aldrin

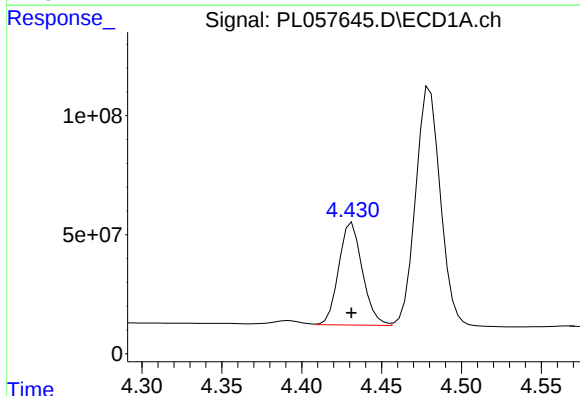
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 1012515961
Conc: 73.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



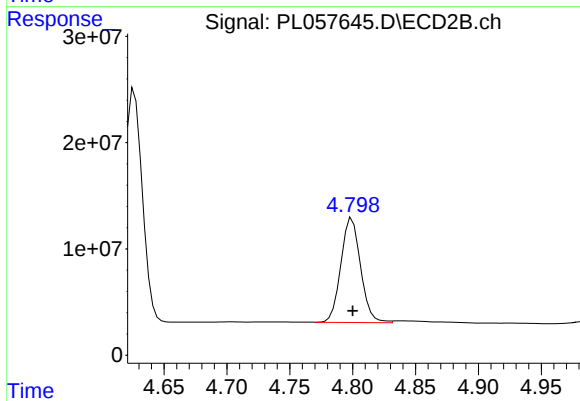
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 227828970
Conc: 74.68 ng/ml



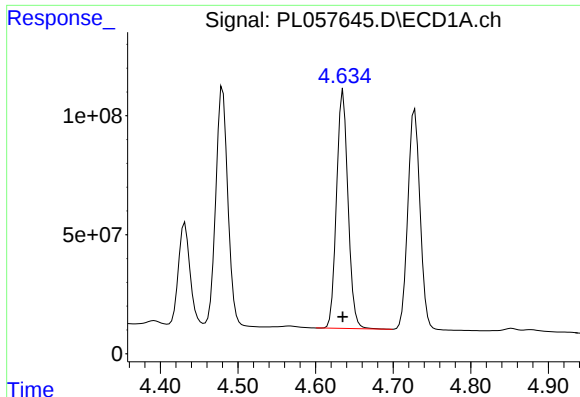
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 444001668
Conc: 75.52 ng/ml



#6 beta-BHC

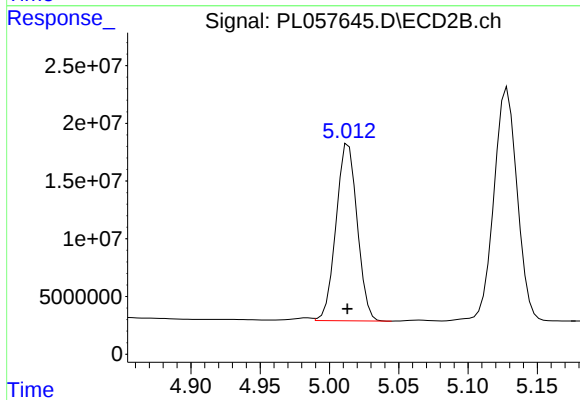
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 107289406
Conc: 74.39 ng/ml



#7 delta-BHC

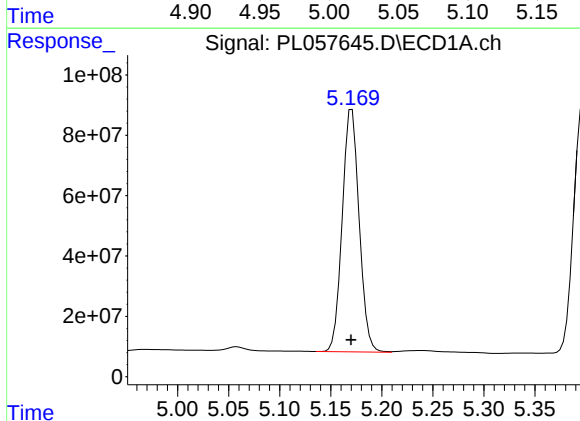
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 1030642583
Conc: 73.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



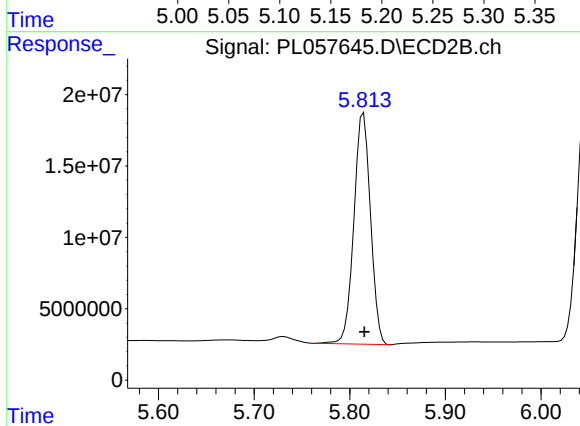
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 163103721
Conc: 61.80 ng/ml



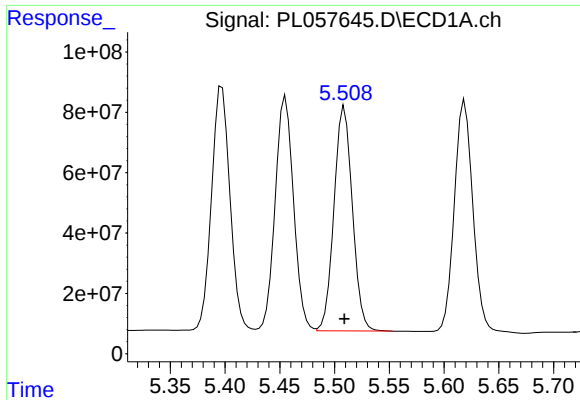
#8 Heptachlor epoxide

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 928483556
Conc: 72.45 ng/ml



#8 Heptachlor epoxide

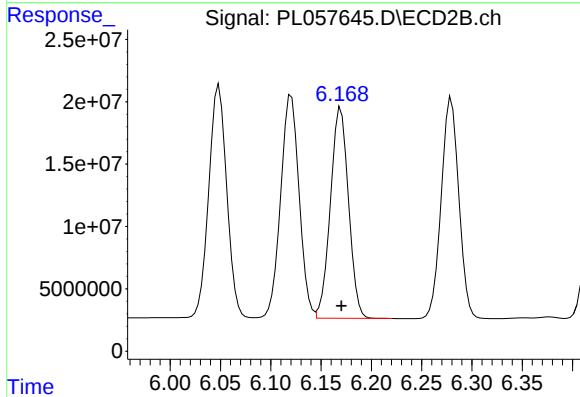
R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 195728956
Conc: 71.73 ng/ml



#9 Endosulfan I

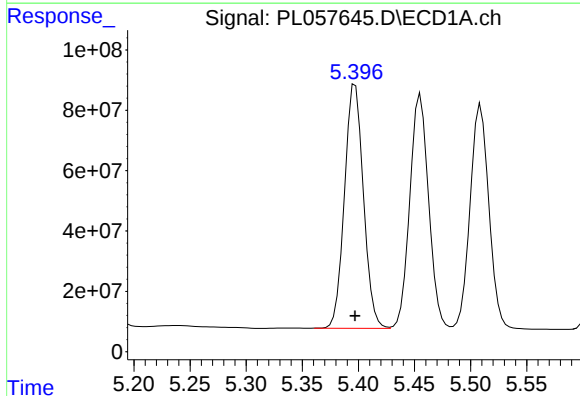
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 867318142
Conc: 72.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



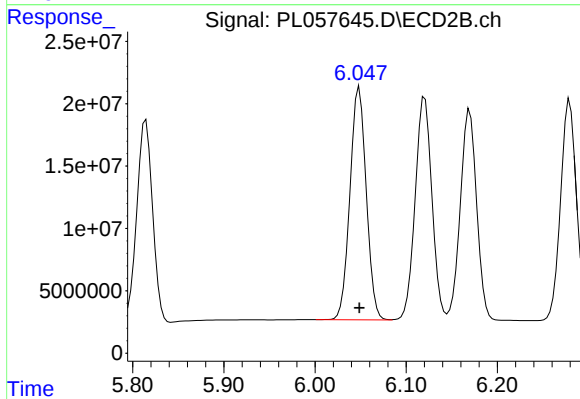
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 211390569
Conc: 74.29 ng/ml



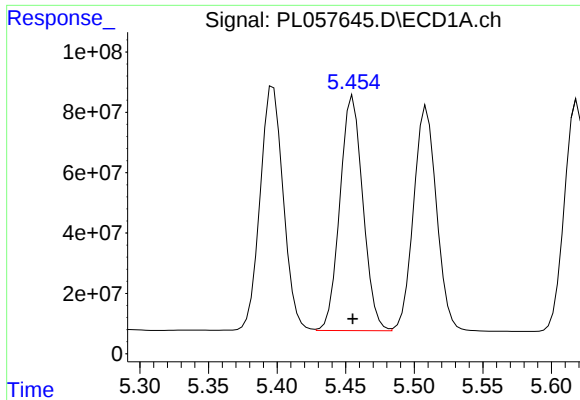
#10 gamma-Chlordane

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 948802558
Conc: 72.76 ng/ml



#10 gamma-Chlordane

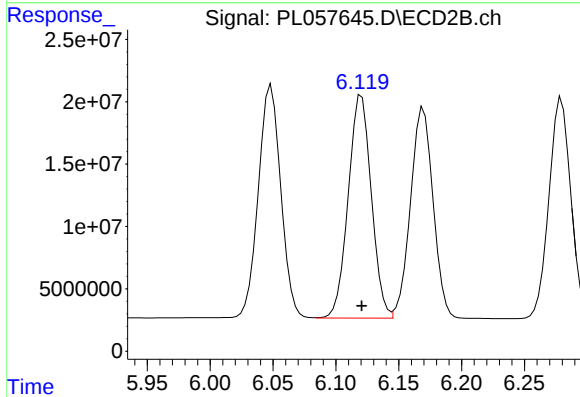
R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 231756961
Conc: 75.19 ng/ml



#11 alpha-Chlordane

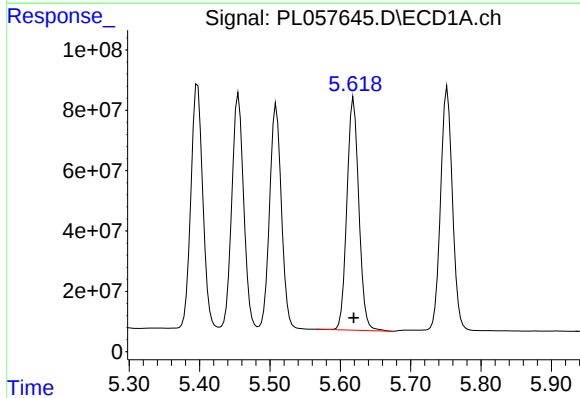
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 908145262
Conc: 70.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



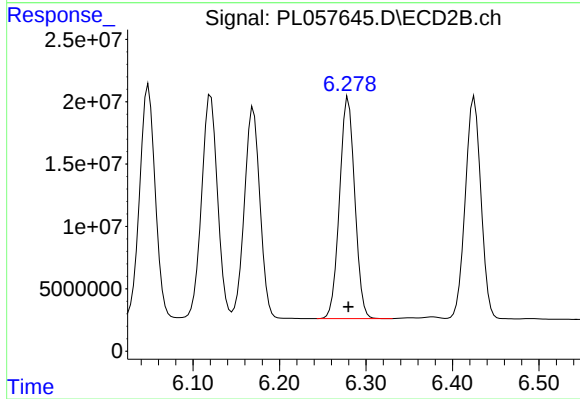
#11 alpha-Chlordane

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 228557533
Conc: 73.43 ng/ml



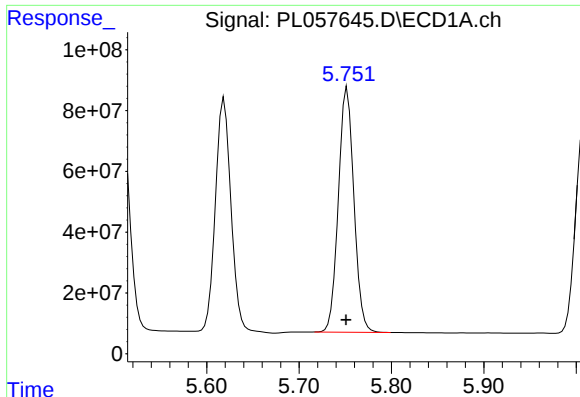
#12 4,4'-DDE

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 909698106
Conc: 73.04 ng/ml



#12 4,4'-DDE

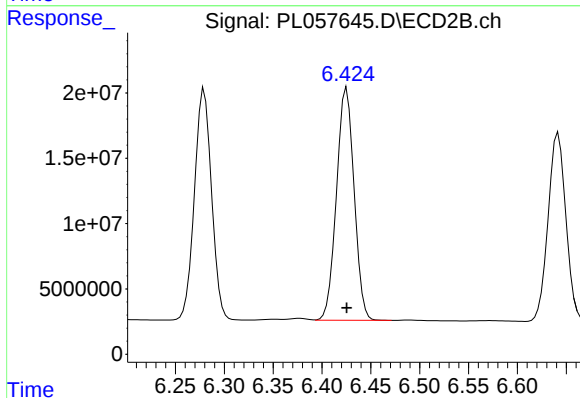
R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 215560143
Conc: 75.84 ng/ml



#13 Dieldrin

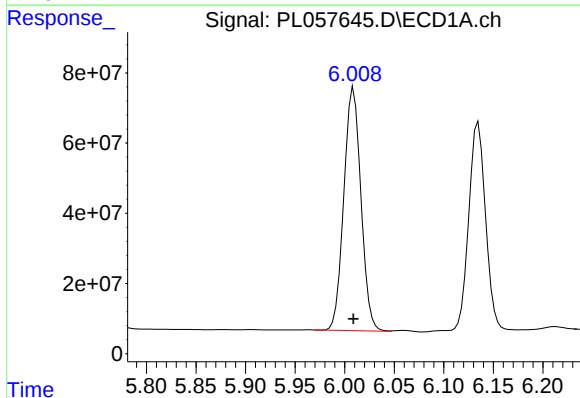
R.T.: 5.752 min
Delta R.T.: 0.001 min
Response: 941394832
Conc: 74.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



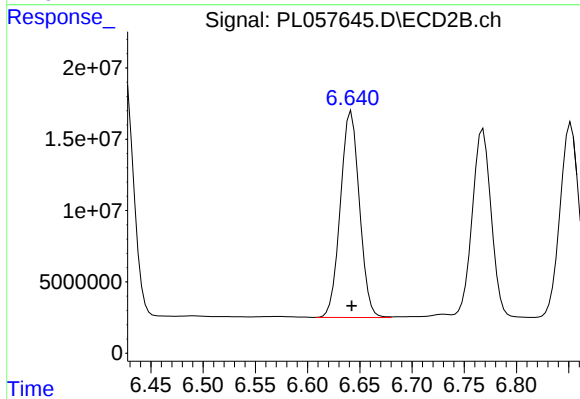
#13 Dieldrin

R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 223604265
Conc: 75.59 ng/ml



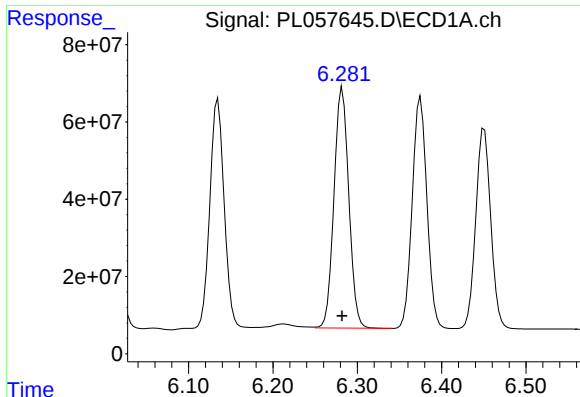
#14 Endrin

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 832793096
Conc: 72.85 ng/ml



#14 Endrin

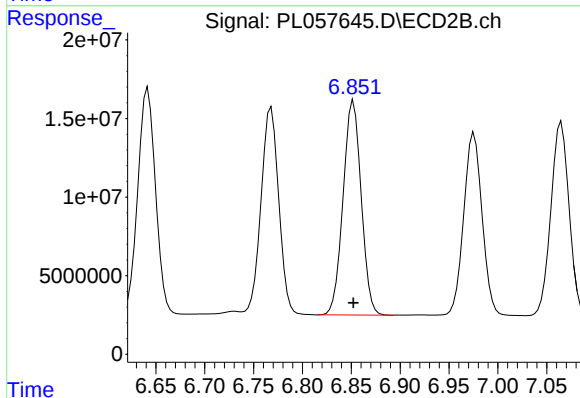
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 183389965
Conc: 76.01 ng/ml



#15 Endosulfan II

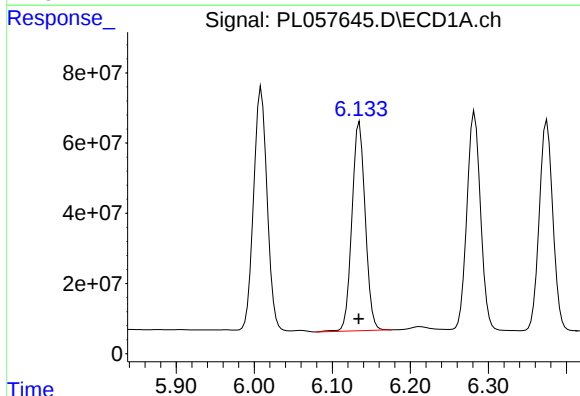
R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 759075868
Conc: 69.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



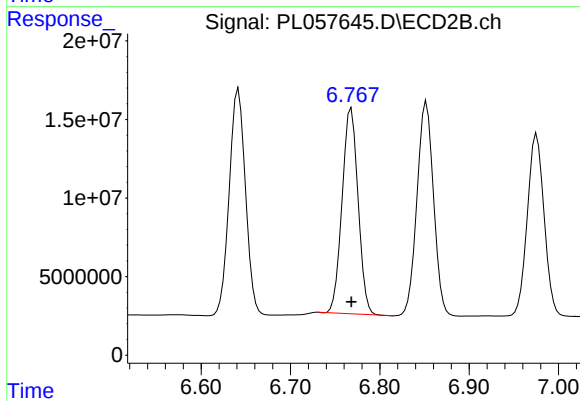
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 176074773
Conc: 67.03 ng/ml



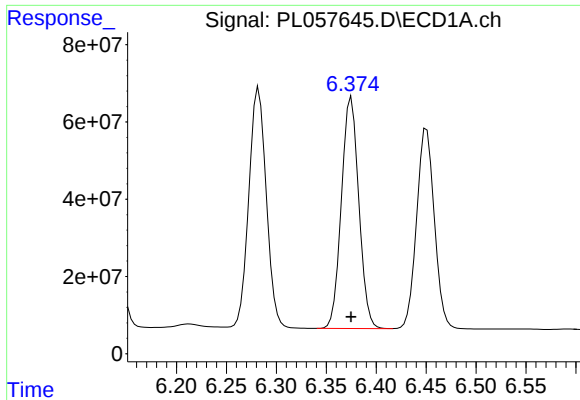
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 703971239
Conc: 71.82 ng/ml



#16 4,4'-DDD

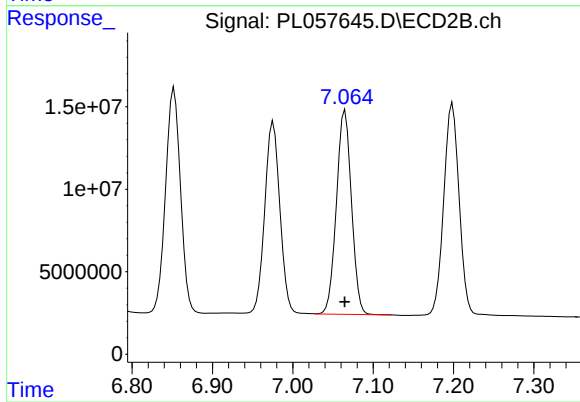
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 162618767
Conc: 71.21 ng/ml



#17 4,4'-DDT

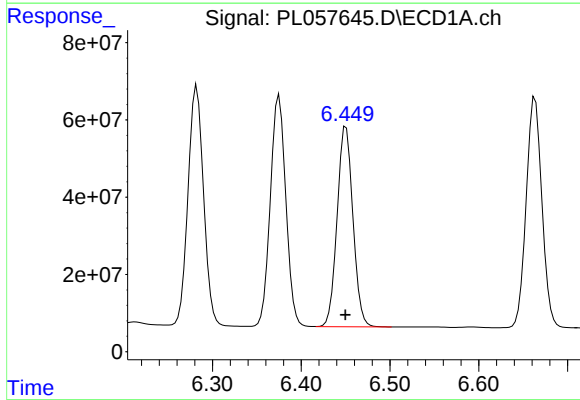
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 727119793
Conc: 72.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



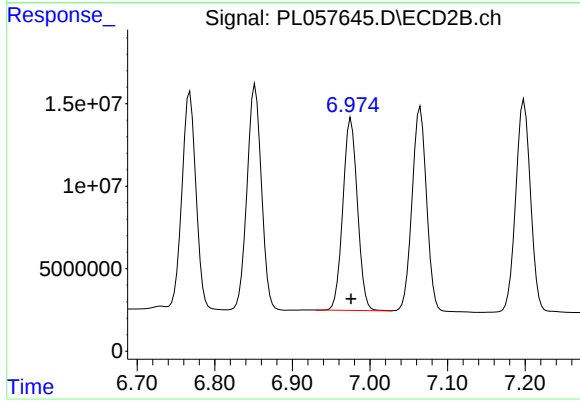
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 161033834
Conc: 70.70 ng/ml



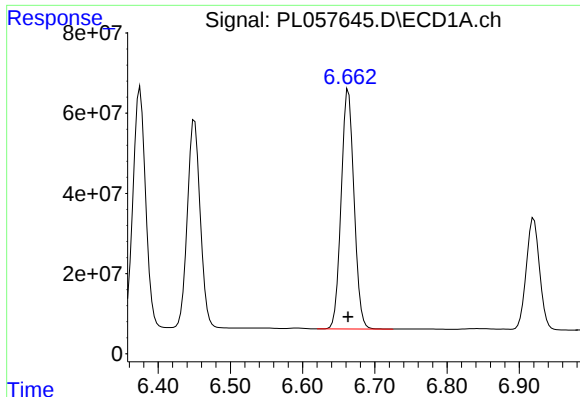
#18 Endrin aldehyde

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 641866985
Conc: 69.50 ng/ml



#18 Endrin aldehyde

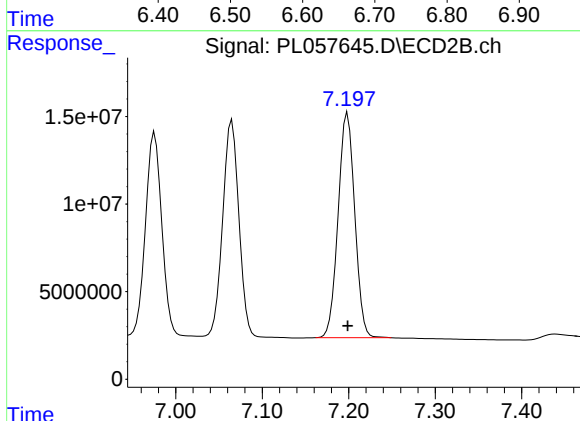
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 152358605
Conc: 68.54 ng/ml



#19 Endosulfan Sulfate

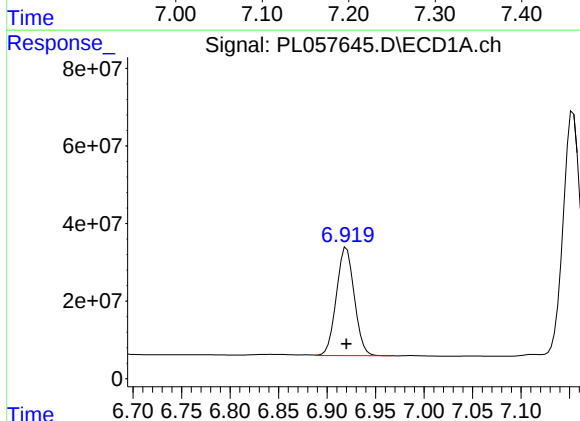
R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 737262430
Conc: 73.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



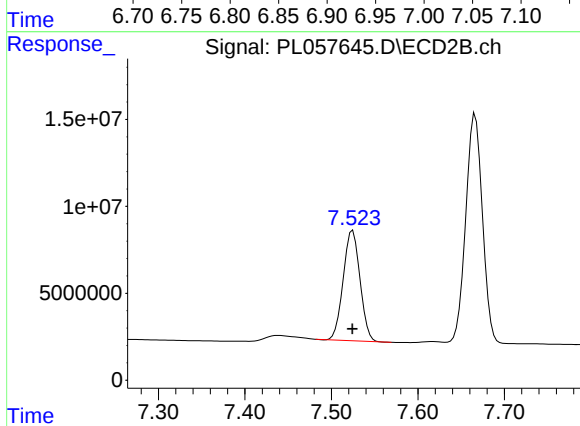
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 170679571
Conc: 69.98 ng/ml



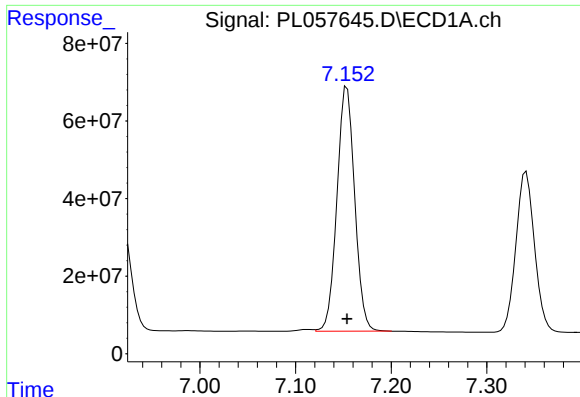
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 357396739
Conc: 66.61 ng/ml



#20 Methoxychlor

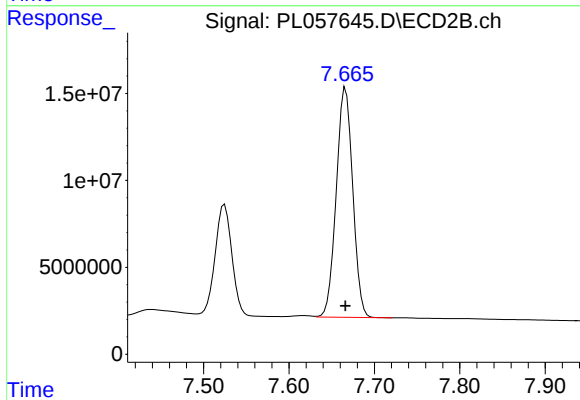
R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 84966584
Conc: 65.33 ng/ml



#21 Endrin ketone

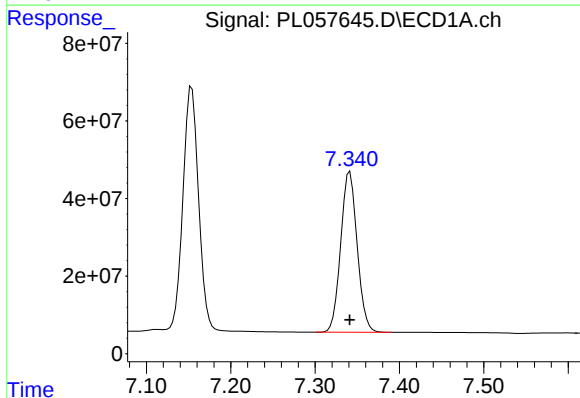
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 813585299
Conc: 71.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



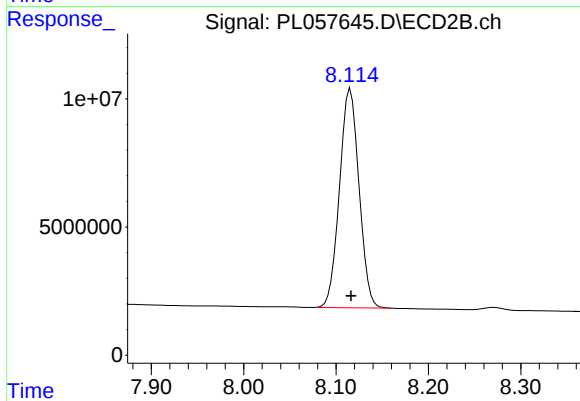
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 177151777
Conc: 68.43 ng/ml



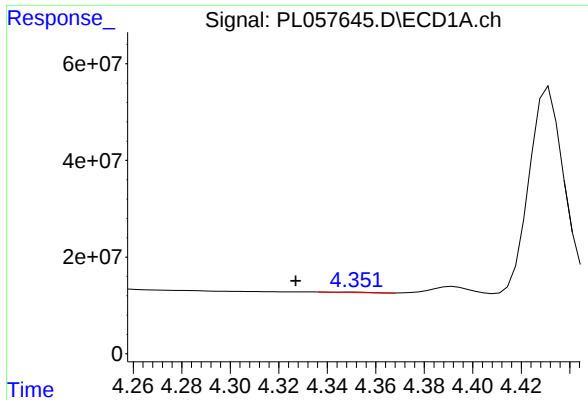
#22 Mirex

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 560884525
Conc: 69.25 ng/ml



#22 Mirex

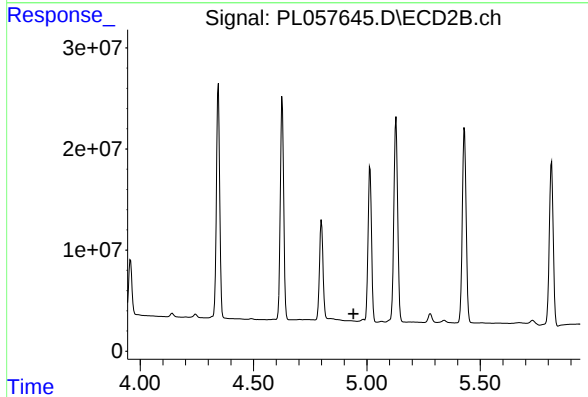
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 125635360
Conc: 65.79 ng/ml



#23 Chlordane-1

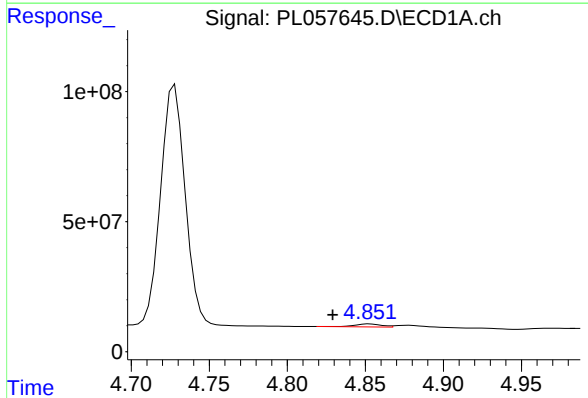
R.T.: 4.350 min
Delta R.T.: 0.023 min
Response: 1081544
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



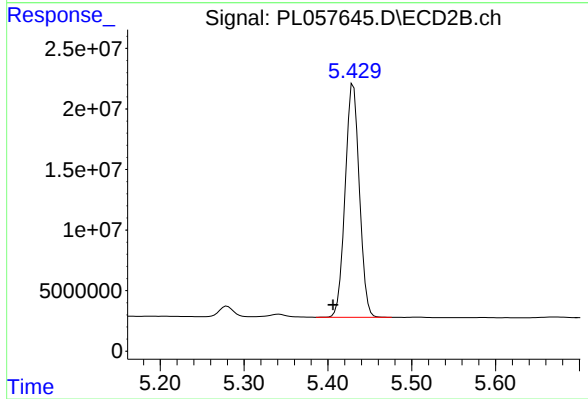
#23 Chlordane-1

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



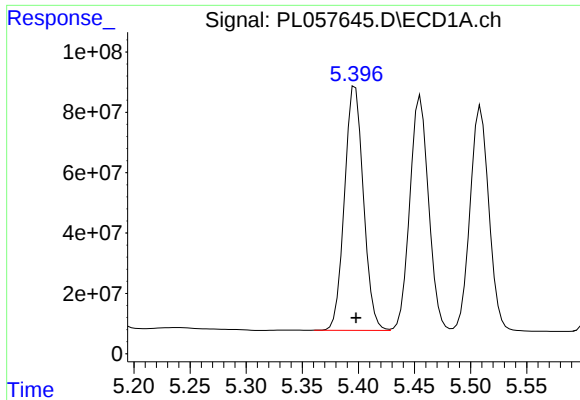
#24 Chlordane-2

R.T.: 4.853 min
Delta R.T.: 0.024 min
Response: 13943666
Conc: 38.37 ng/ml



#24 Chlordane-2

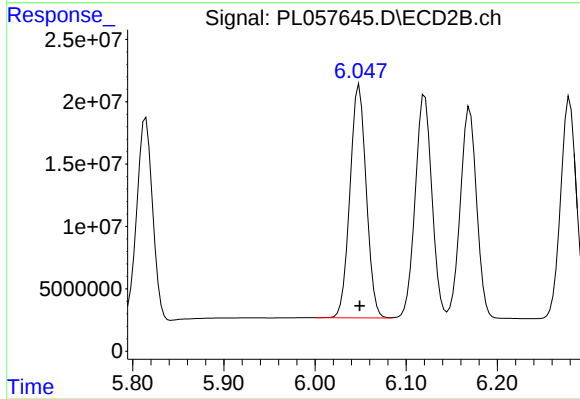
R.T.: 5.430 min
Delta R.T.: 0.024 min
Response: 227828970
Conc: 2417.51 ng/ml



#25 Chlordane-3

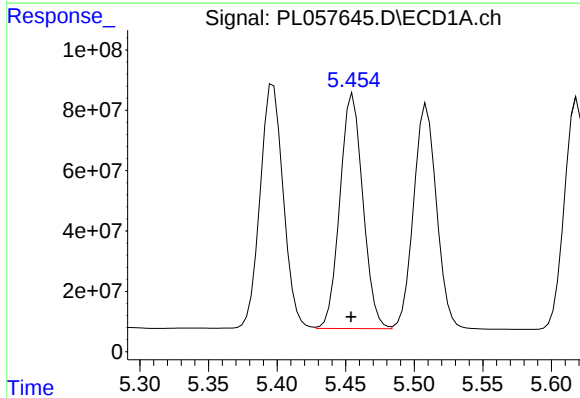
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 948802558
Conc: 841.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



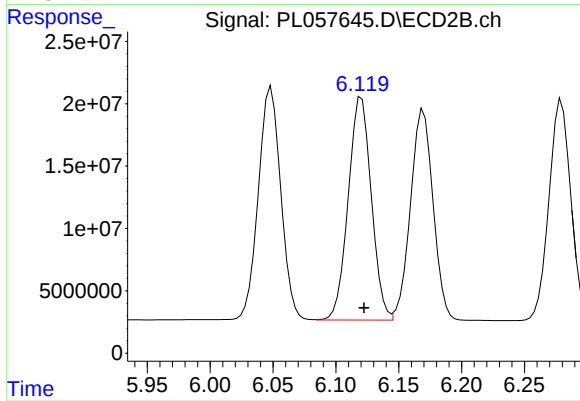
#25 Chlordane-3

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 231756961
Conc: 611.17 ng/ml



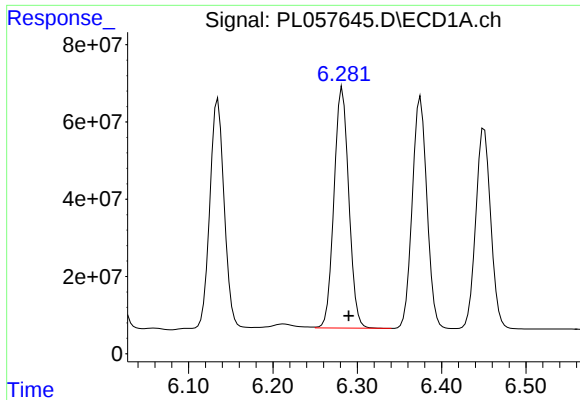
#26 Chlordane-4

R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 908145262
Conc: 947.30 ng/ml



#26 Chlordane-4

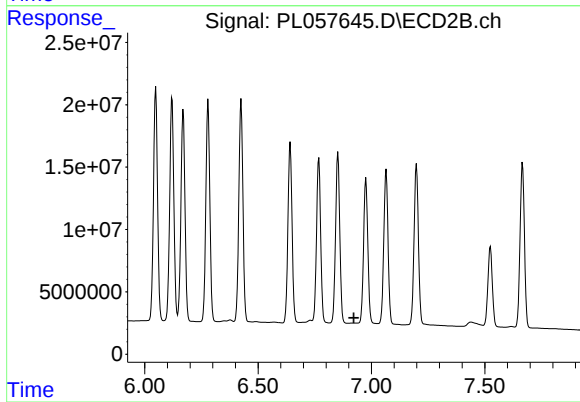
R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 228557533
Conc: 499.37 ng/ml



#27 Chlordane-5

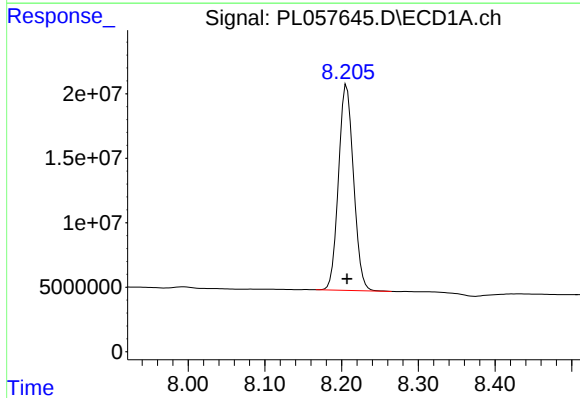
R.T.: 6.282 min
Delta R.T.: -0.008 min
Response: 759075868
Conc: 2086.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-02-032520MSD



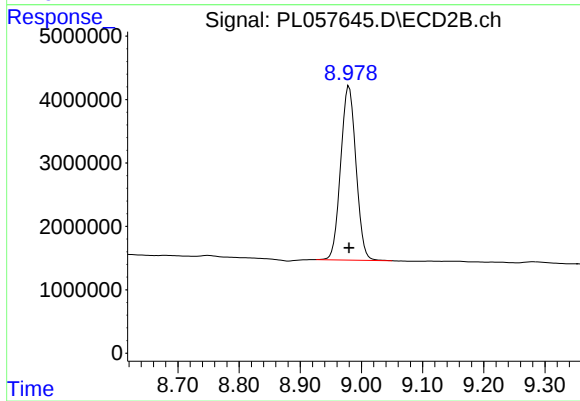
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 217391103
Conc: 20.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: 0.000 min
Response: 47698241
Conc: 21.51 ng/ml