

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 12:25
 Operator : AR\AJ
 Sample : 03940-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IDW-S-20230808MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:04:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.477	2.685	43721330	18394181	18.817	16.916
28)	SA Decachlor...	9.027	7.867	31699529	23224424	19.482	18.627
Target Compounds							
2)	A alpha-BHC	3.934	3.190	169.8E6	88494188	51.427	57.312
3)	MA gamma-BHC...	4.269	3.521	158.0E6	77974288	49.535	51.315
4)	MA Heptachlor	4.861	3.862	184.6E6	73359021	54.906	51.511
5)	MB Aldrin	5.204	4.141	159.6E6	74858314	48.272	51.506
6)	B beta-BHC	4.468	3.822	69015901	28400535	49.406	42.388
7)	B delta-BHC	4.715	4.051	160.6E6	76132666	49.816	50.146
8)	B Heptachlo...	5.633	4.648	152.3E6	69365856	50.546	52.280
9)	A Endosulfan I	6.019	5.019	133.2E6	65827533	50.620	53.117
10)	B gamma-Chl...	5.891	4.901	142.4E6	73496732	49.723	54.191
11)	B alpha-Chl...	5.970	4.966	139.2E6	72330696	49.304	53.087
12)	B 4,4'-DDE	6.150	5.163	120.7E6	66755886	52.592	54.209
13)	MA Dieldrin	6.297	5.285	128.9E6	70061172	48.783	51.599
14)	MA Endrin	6.526	5.561	111.2E6	65131171	51.005	53.246
15)	B Endosulfa...	6.748	5.858	100.1E6	59612307	47.344	49.406
16)	A 4,4'-DDD	6.669	5.721	87476231	55763178	52.175	53.969
17)	MA 4,4'-DDT	6.984	5.974	99181776	62690694	52.933	54.018
18)	B Endrin al...	6.878	6.040	78565206	47683501	46.572	48.080
19)	B Endosulfa...	7.114	6.265	94031200	62779129	47.070	52.792
20)	A Methoxychlor	7.467	6.559	48757033	35361022	50.805	51.539
21)	B Endrin ke...	7.598	6.770	98232426	72802850	49.106	50.459
22)	Mirex	8.074	6.951	80250755	56157443	48.320	48.694
23)	Chlordane-1	4.647	3.704f	501372	741916	5.159	19.356 #
24)	Chlordane-2	5.204f	4.288f	159.6E6	1209625	1397.568	24.149 #
25)	Chlordane-3	5.891	4.901	142.4E6	73496732	353.025	530.557 #
26)	Chlordane-4	5.970	4.966	139.2E6	72330696	287.364	503.952 #
27)	Chlordane-5	0.000	5.858	0	59612307	N.D.	1170.453 #

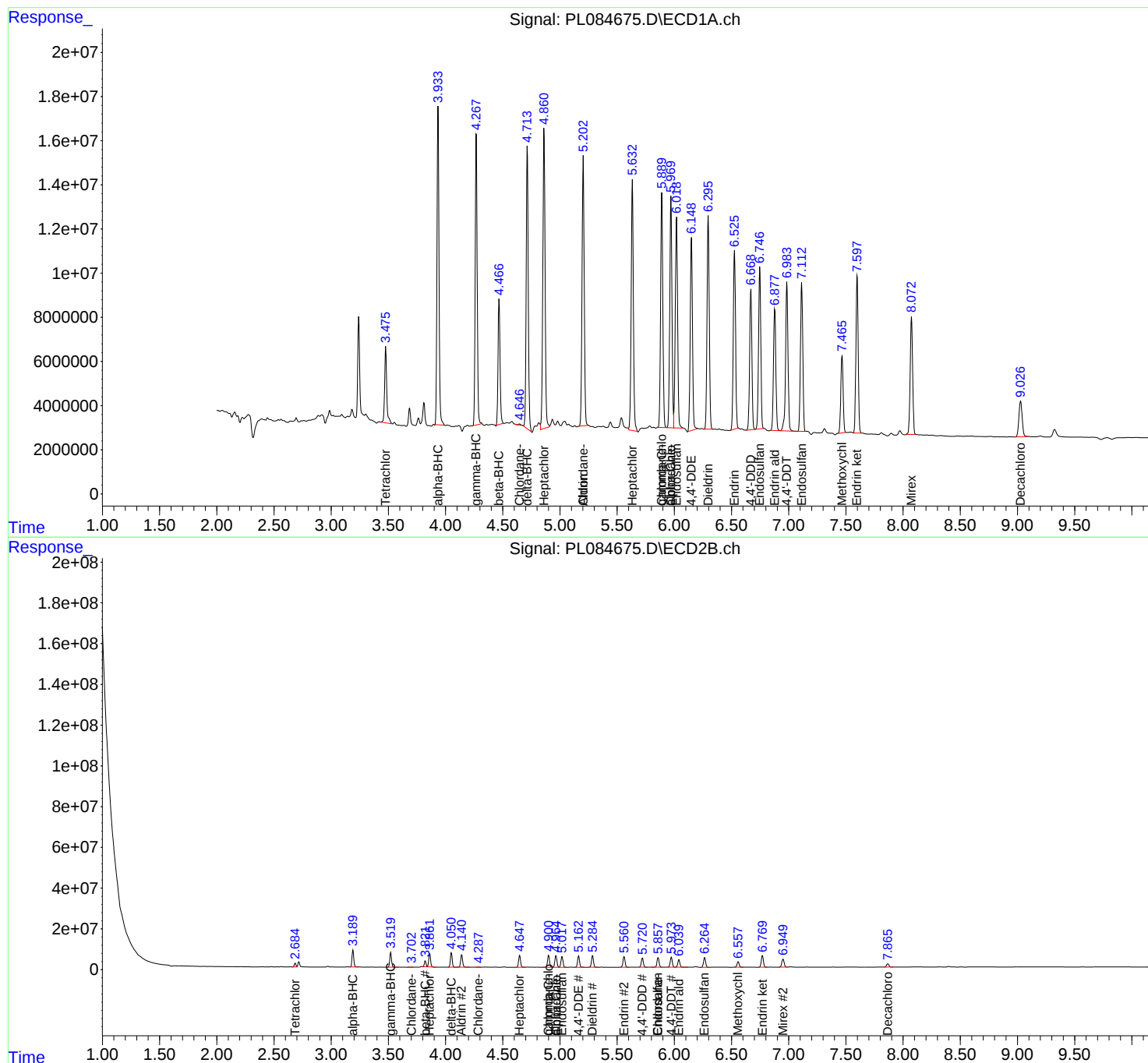
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

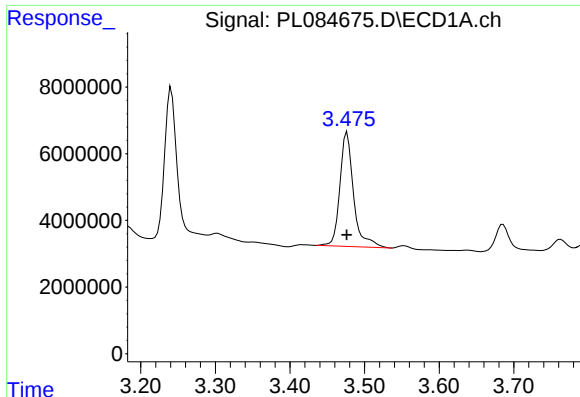
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
Data File : PL084675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 12:25
Operator : AR\AJ
Sample : 03940-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:04:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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

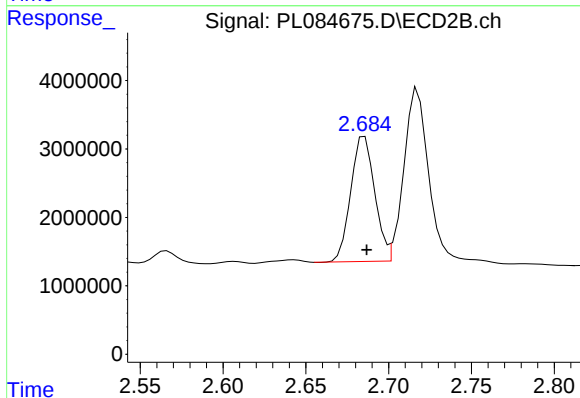




#1 Tetrachloro-m-xylene

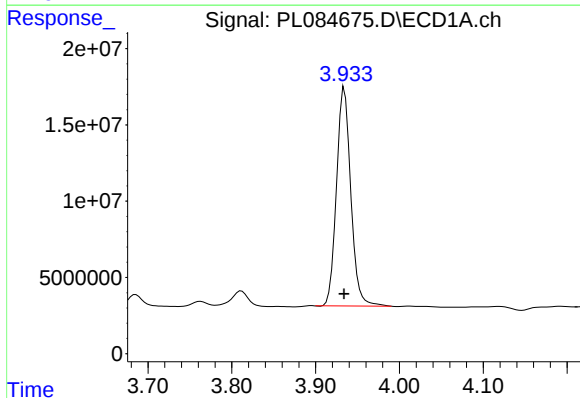
R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 43721330
Conc: 18.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



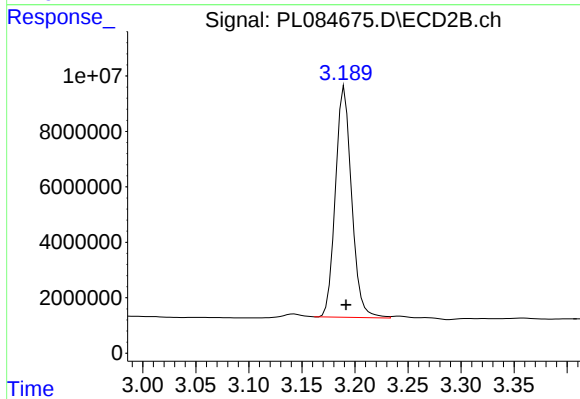
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 18394181
Conc: 16.92 ng/ml



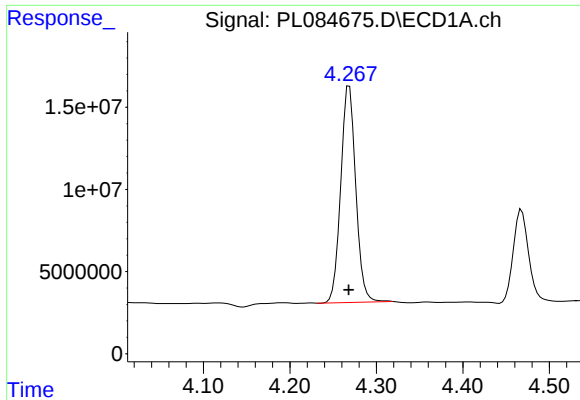
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 169780451
Conc: 51.43 ng/ml



#2 alpha-BHC

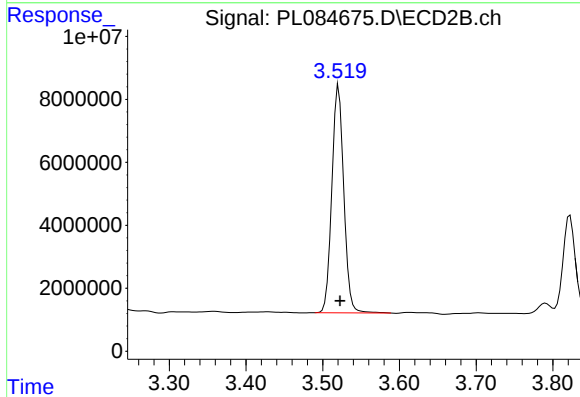
R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 88494188
Conc: 57.31 ng/ml



#3 gamma-BHC (Lindane)

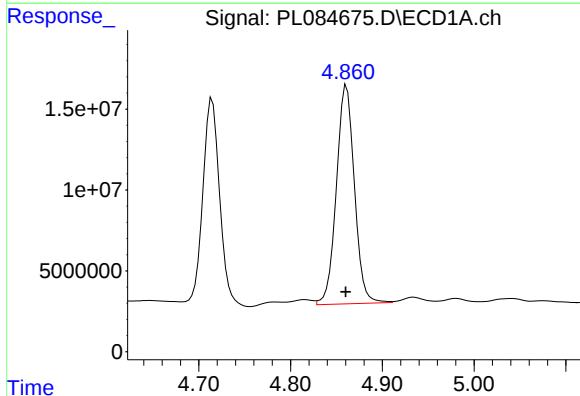
R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 158017443
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



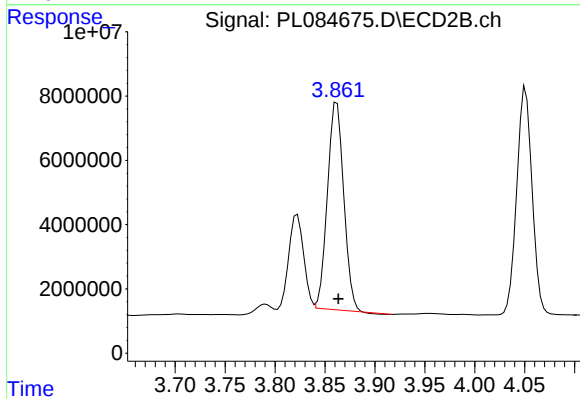
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 77974288
Conc: 51.31 ng/ml



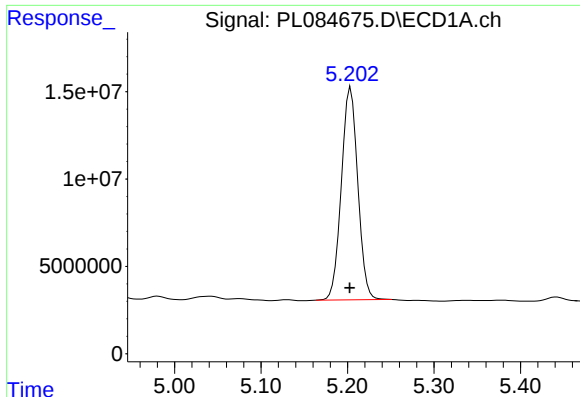
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 184642287
Conc: 54.91 ng/ml



#4 Heptachlor

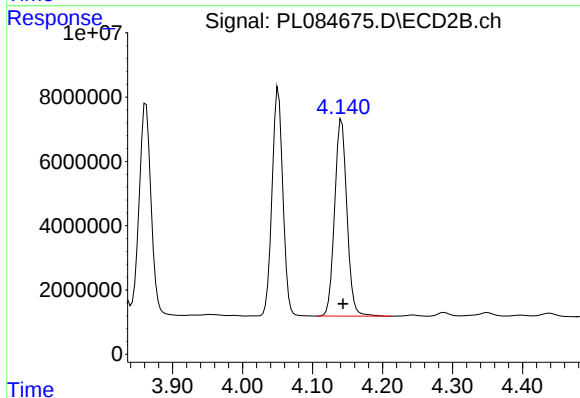
R.T.: 3.862 min
Delta R.T.: -0.002 min
Response: 73359021
Conc: 51.51 ng/ml



#5 Aldrin

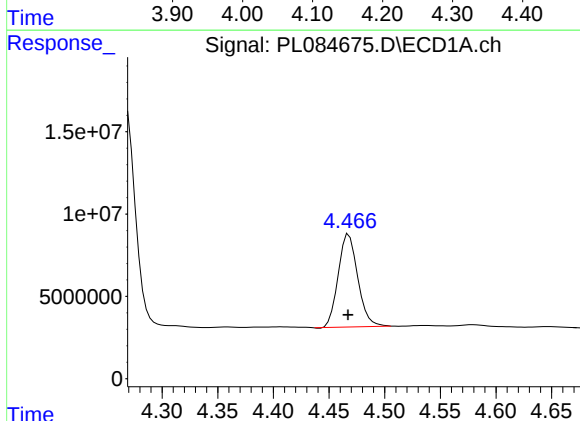
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 159557660
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



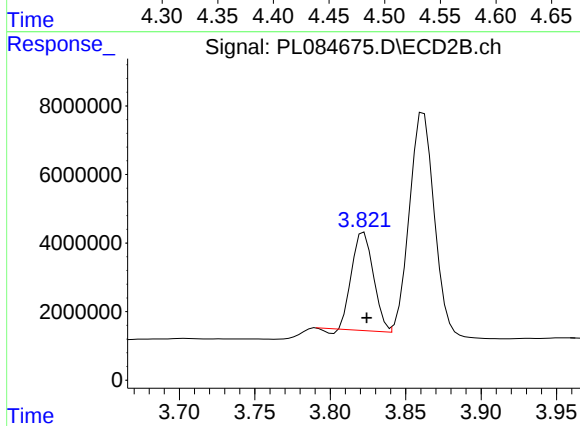
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 74858314
Conc: 51.51 ng/ml



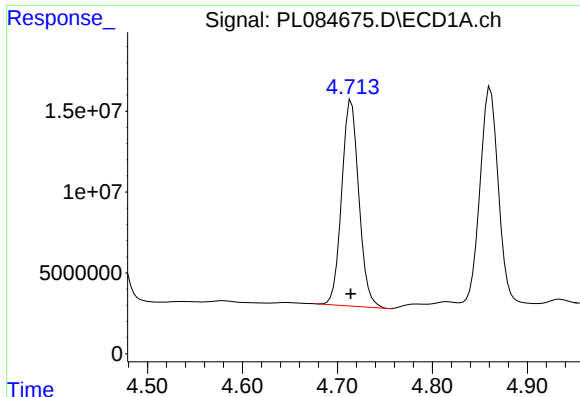
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 69015901
Conc: 49.41 ng/ml



#6 beta-BHC

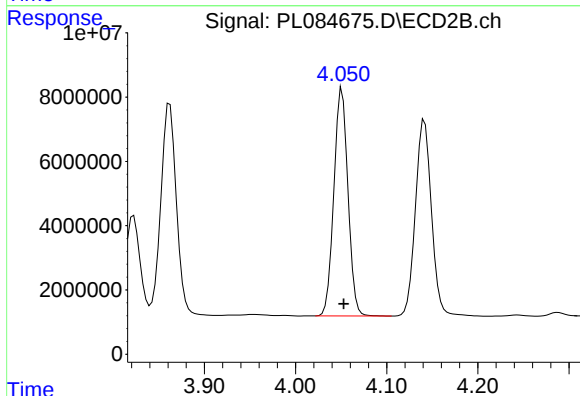
R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 28400535
Conc: 42.39 ng/ml



#7 delta-BHC

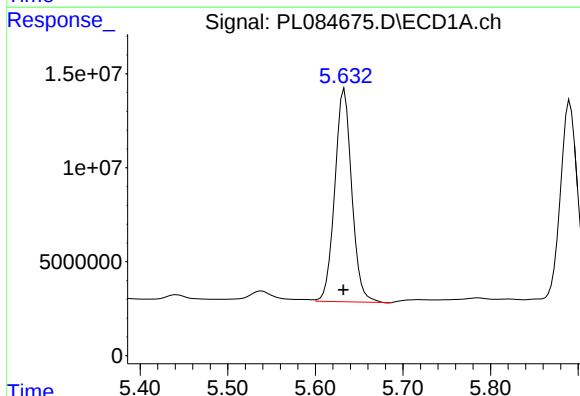
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 160643461
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



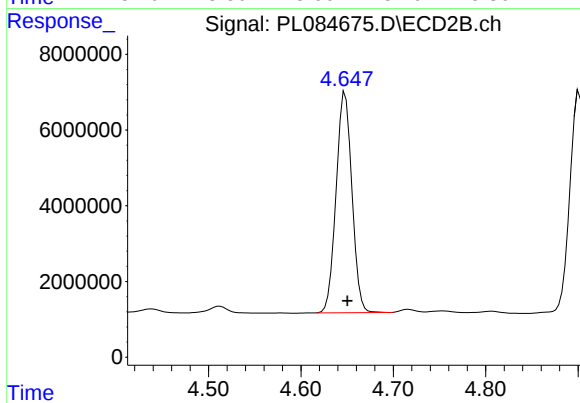
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 76132666
Conc: 50.15 ng/ml



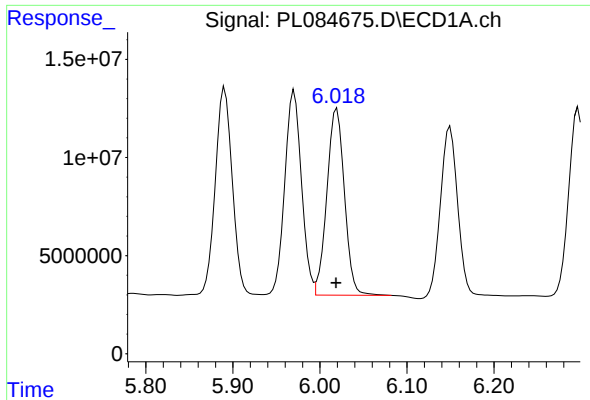
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 152278700
Conc: 50.55 ng/ml



#8 Heptachlor epoxide

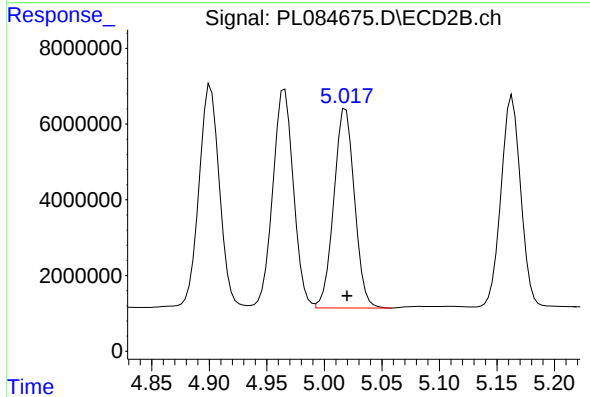
R.T.: 4.648 min
Delta R.T.: -0.002 min
Response: 69365856
Conc: 52.28 ng/ml



#9 Endosulfan I

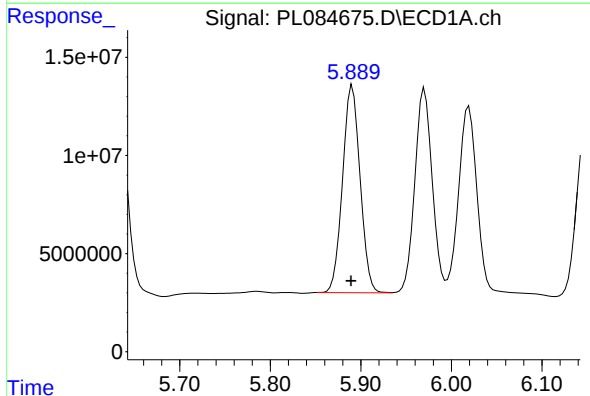
R.T.: 6.019 min
Delta R.T.: 0.001 min
Response: 133245516
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



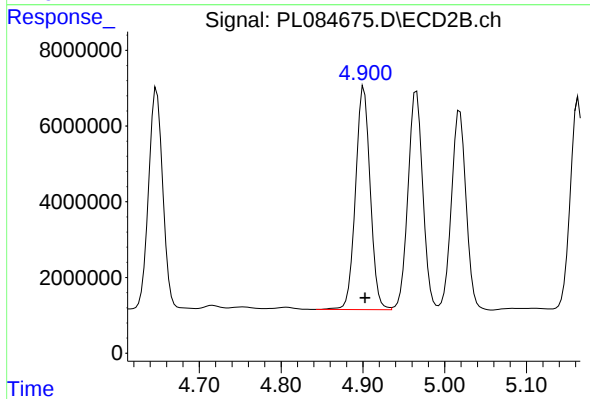
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 65827533
Conc: 53.12 ng/ml



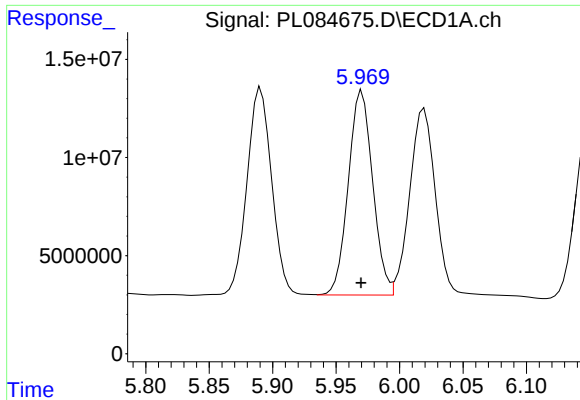
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 142388721
Conc: 49.72 ng/ml



#10 gamma-Chlordane

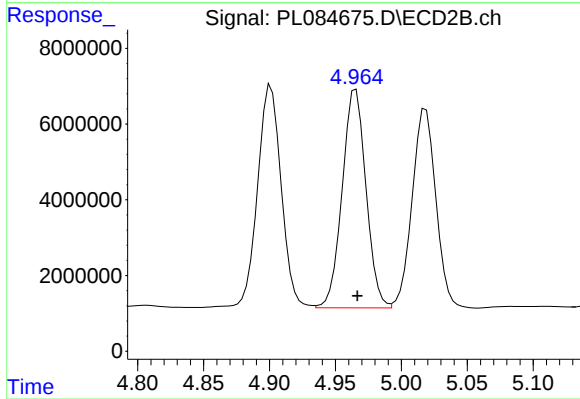
R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 73496732
Conc: 54.19 ng/ml



#11 alpha-Chlordane

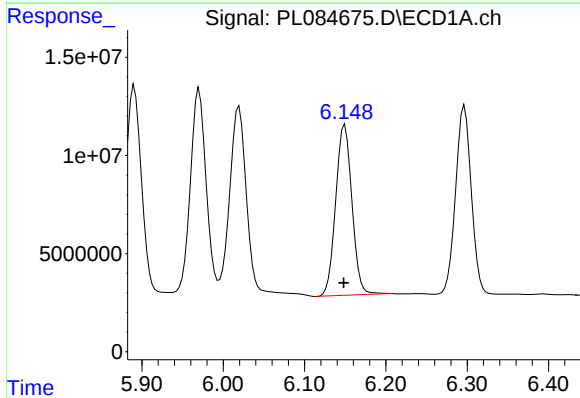
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 139194646
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



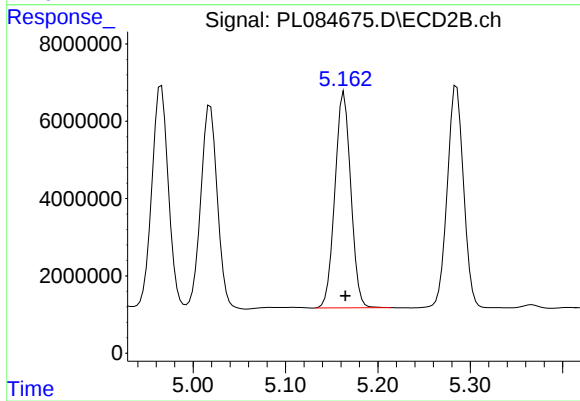
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 72330696
Conc: 53.09 ng/ml



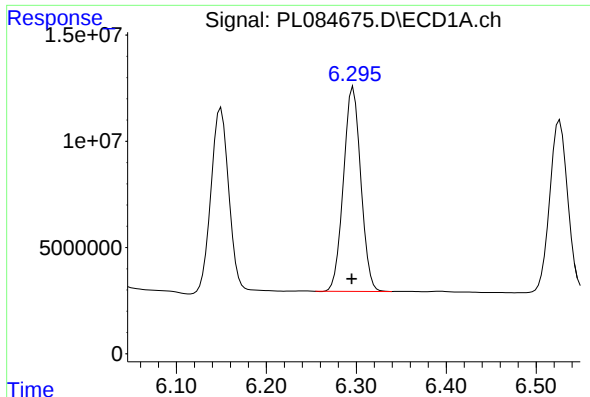
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 120712676
Conc: 52.59 ng/ml



#12 4,4'-DDE

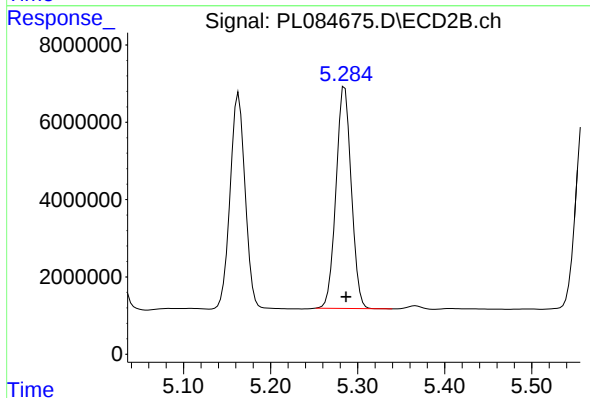
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 66755886
Conc: 54.21 ng/ml



#13 Dieldrin

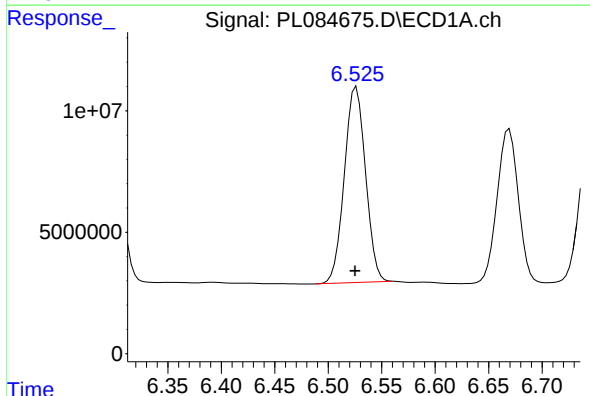
R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 128913464
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



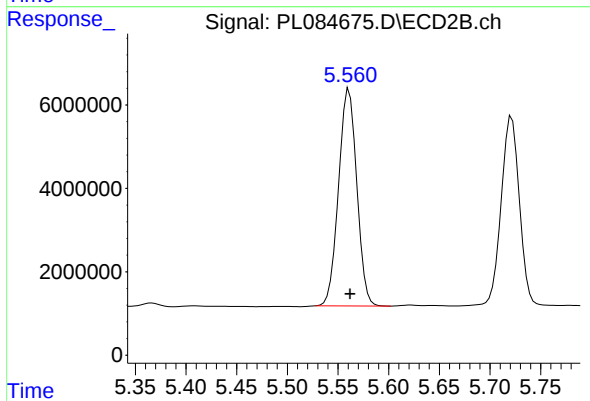
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 70061172
Conc: 51.60 ng/ml



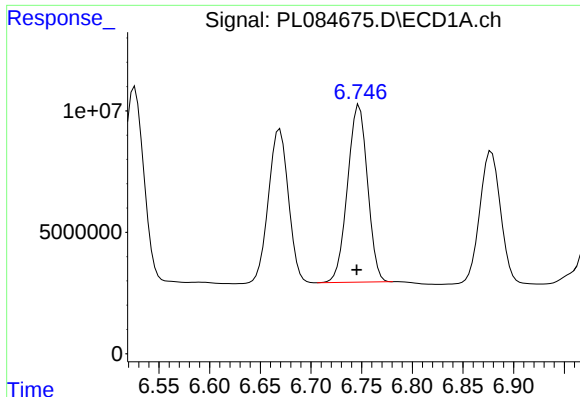
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 111241005
Conc: 51.00 ng/ml



#14 Endrin

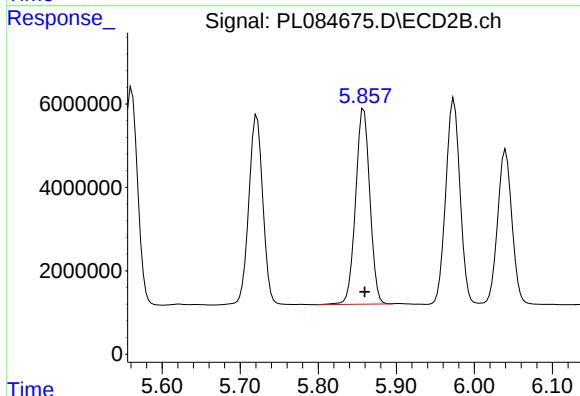
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 65131171
Conc: 53.25 ng/ml



#15 Endosulfan II

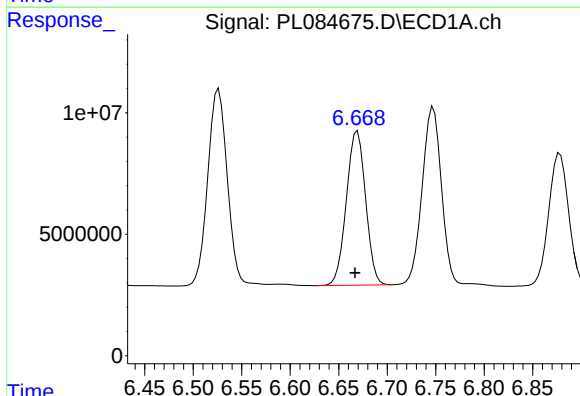
R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 100132482
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



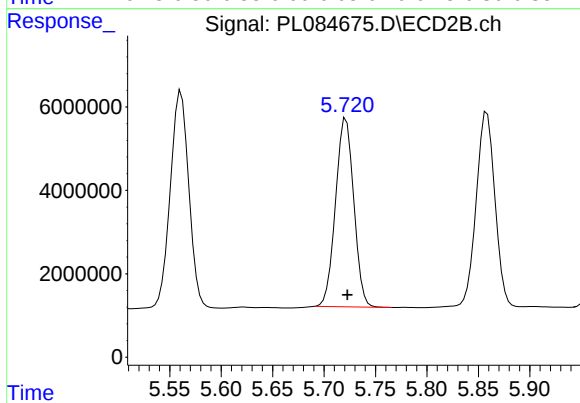
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 59612307
Conc: 49.41 ng/ml



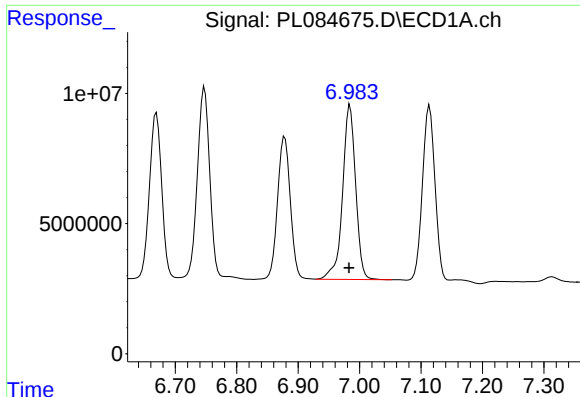
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 87476231
Conc: 52.18 ng/ml



#16 4,4'-DDD

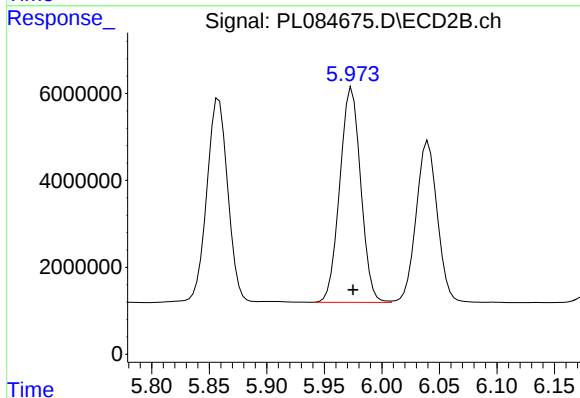
R.T.: 5.721 min
Delta R.T.: -0.001 min
Response: 55763178
Conc: 53.97 ng/ml



#17 4,4'-DDT

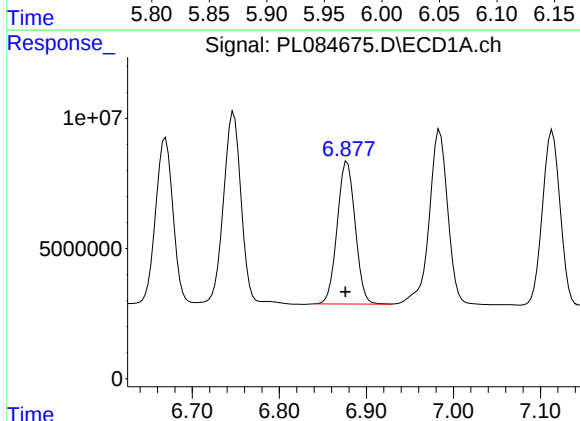
R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 99181776
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



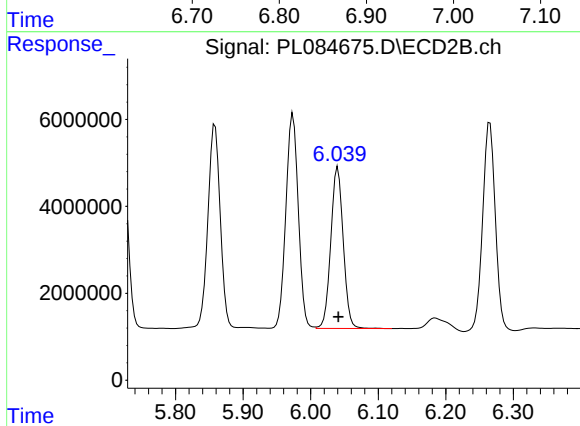
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 62690694
Conc: 54.02 ng/ml



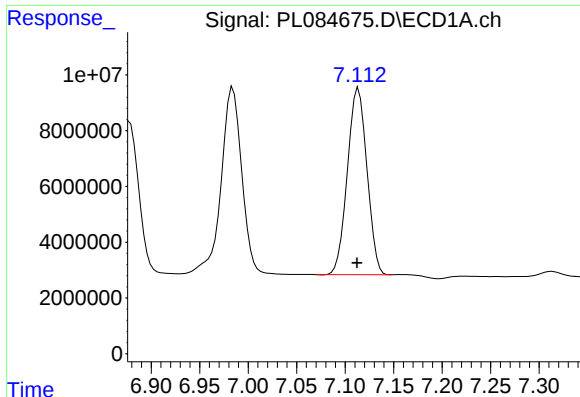
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 78565206
Conc: 46.57 ng/ml



#18 Endrin aldehyde

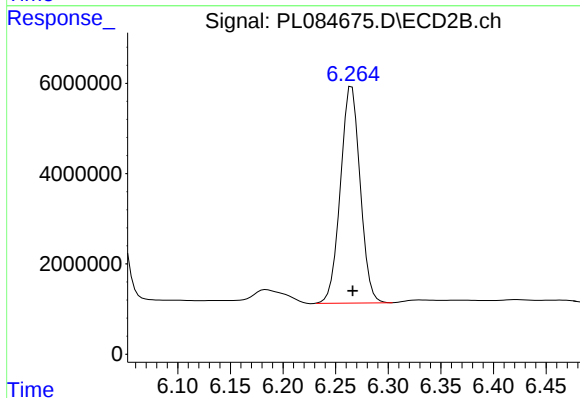
R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 47683501
Conc: 48.08 ng/ml



#19 Endosulfan Sulfate

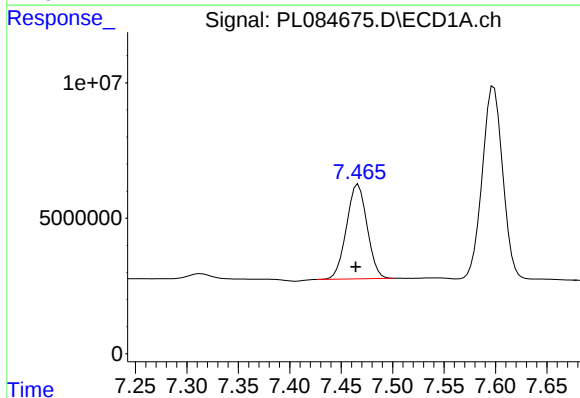
R.T.: 7.114 min
Delta R.T.: 0.001 min
Response: 94031200
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



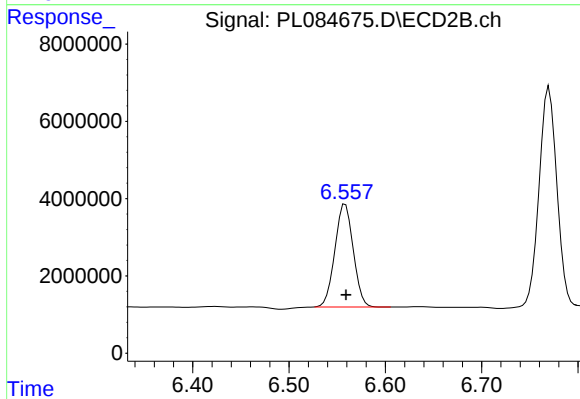
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 62779129
Conc: 52.79 ng/ml



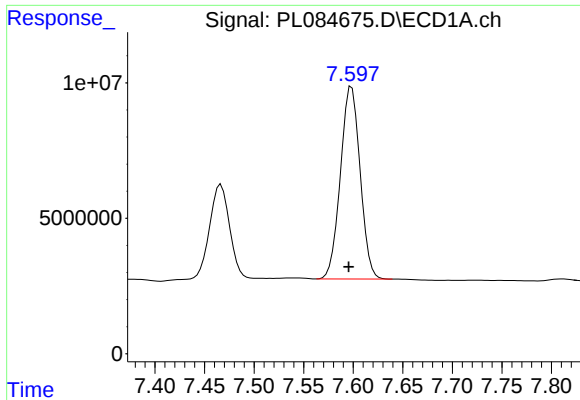
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.002 min
Response: 48757033
Conc: 50.81 ng/ml



#20 Methoxychlor

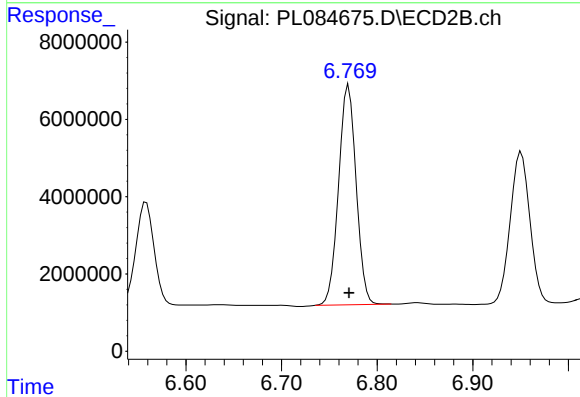
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 35361022
Conc: 51.54 ng/ml



#21 Endrin ketone

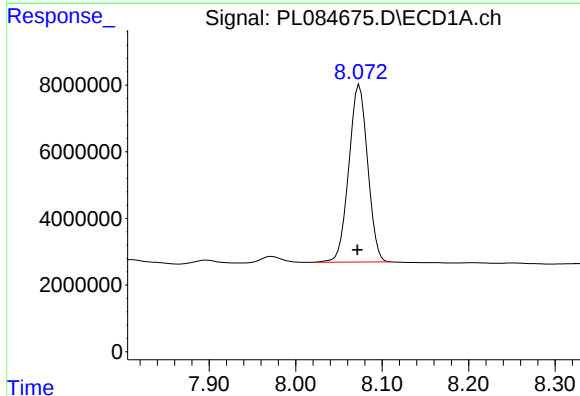
R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 98232426
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



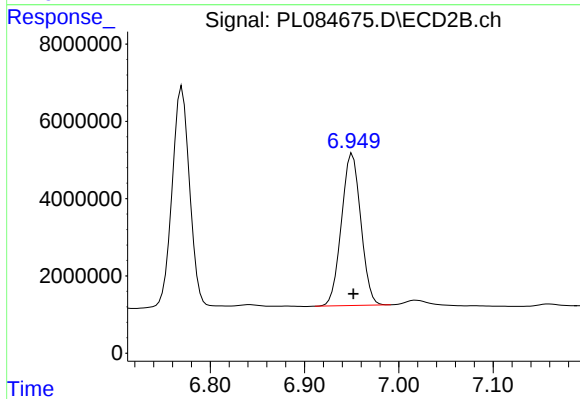
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 72802850
Conc: 50.46 ng/ml



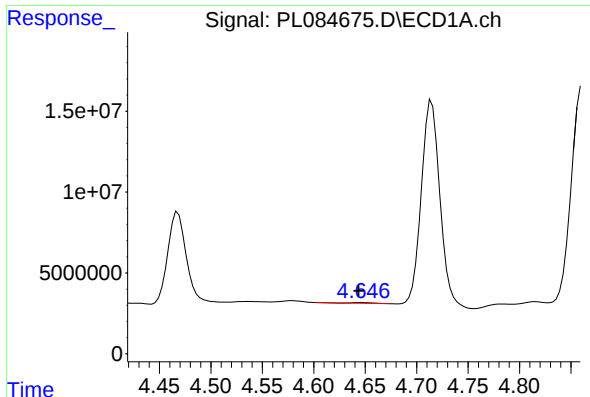
#22 Mirex

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 80250755
Conc: 48.32 ng/ml



#22 Mirex

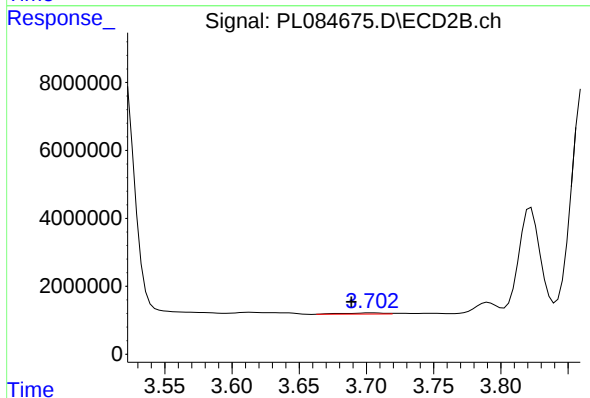
R.T.: 6.951 min
Delta R.T.: -0.001 min
Response: 56157443
Conc: 48.69 ng/ml



#23 Chlordane-1

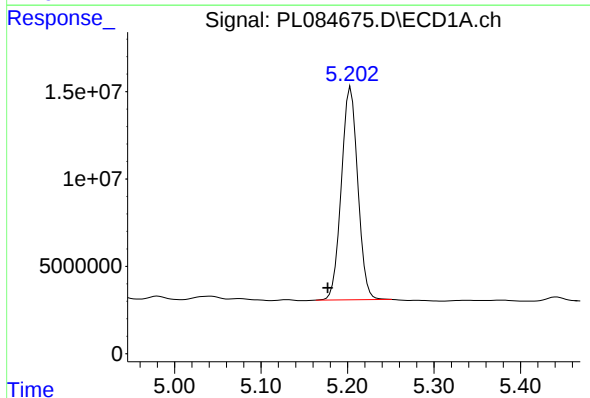
R.T.: 4.647 min
Delta R.T.: 0.003 min
Response: 501372
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



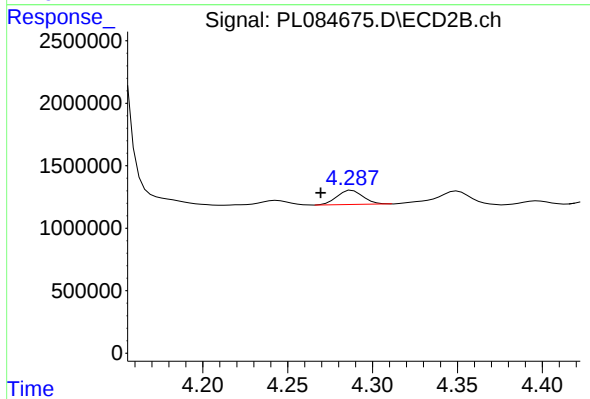
#23 Chlordane-1

R.T.: 3.704 min
Delta R.T.: 0.015 min
Response: 741916
Conc: 19.36 ng/ml



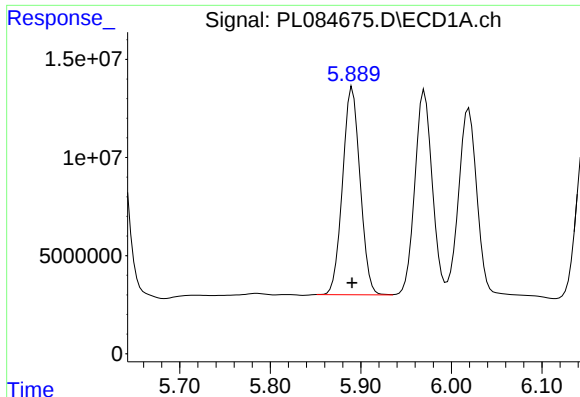
#24 Chlordane-2

R.T.: 5.204 min
Delta R.T.: 0.027 min
Response: 159557660
Conc: 1397.57 ng/ml



#24 Chlordane-2

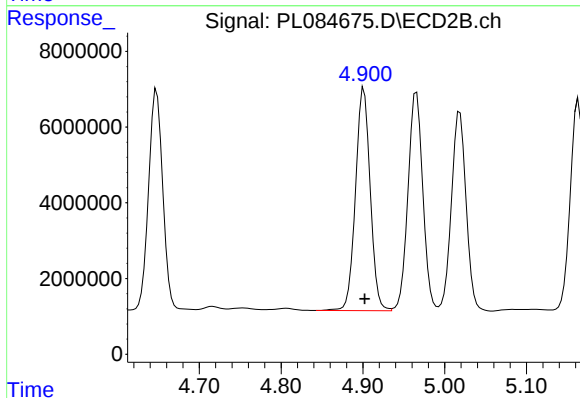
R.T.: 4.288 min
Delta R.T.: 0.018 min
Response: 1209625
Conc: 24.15 ng/ml



#25 Chlordane-3

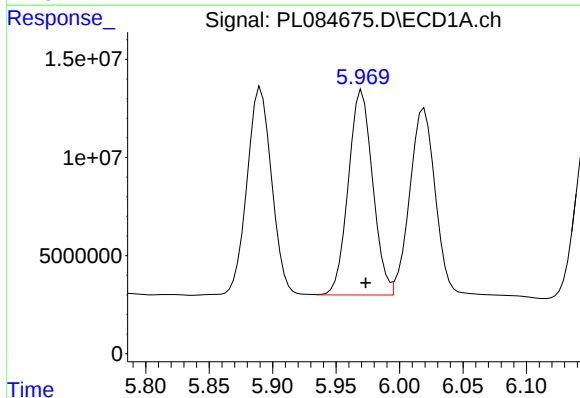
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 142388721
Conc: 353.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



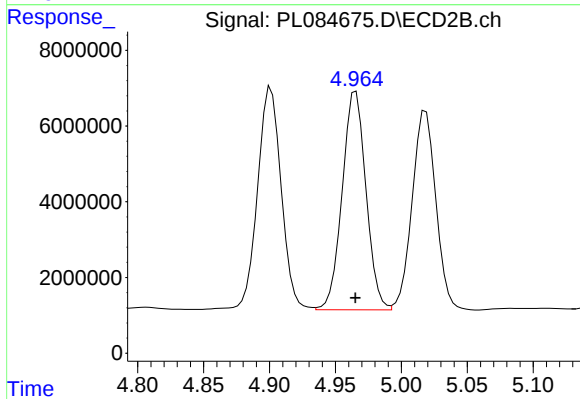
#25 Chlordane-3

R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 73496732
Conc: 530.56 ng/ml



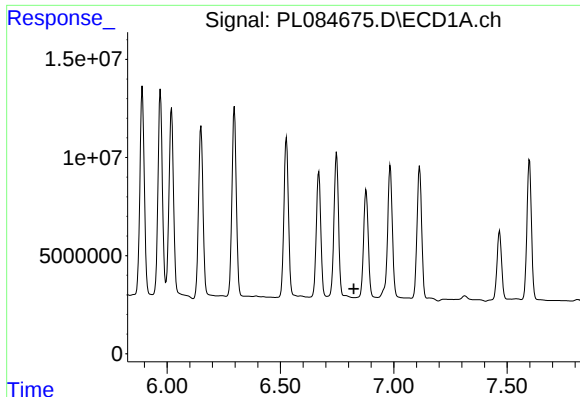
#26 Chlordane-4

R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 139194646
Conc: 287.36 ng/ml



#26 Chlordane-4

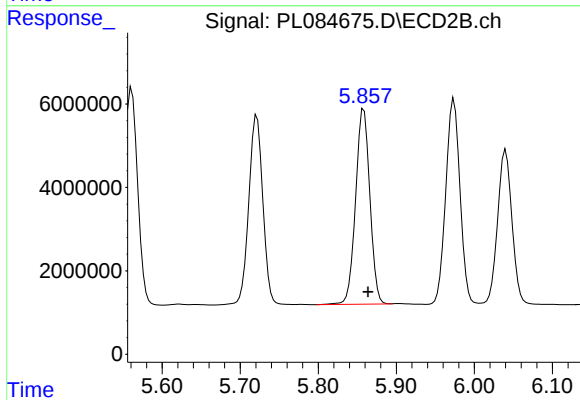
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 72330696
Conc: 503.95 ng/ml



#27 Chlordane-5

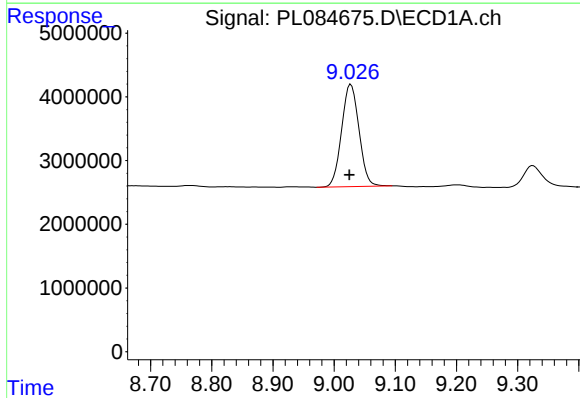
R.T.: 0.000 min
Exp R.T.: 6.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MSD



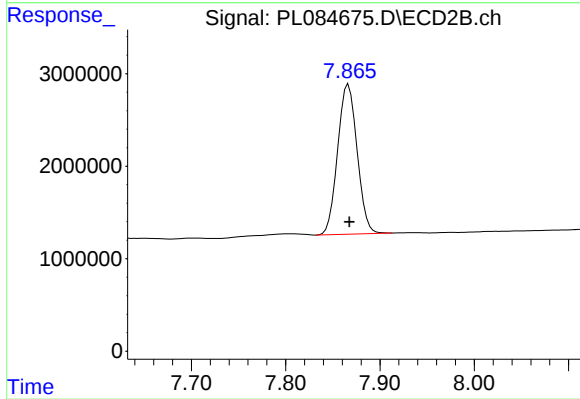
#27 Chlordane-5

R.T.: 5.858 min
Delta R.T.: -0.005 min
Response: 59612307
Conc: 1170.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 31699529
Conc: 19.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 23224424
Conc: 18.63 ng/ml