

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 17:43
 Operator : AR\AJ
 Sample : PB152845BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:27:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.324	2.639	59451892	49074810	22.257	21.183
28)	SA Decachlor...	8.742	7.750	47672368	50904587	24.971	22.302
Target Compounds							
2)	A alpha-BHC	3.773	3.135	215.7E6	170.0E6	54.205	49.958
3)	MA gamma-BHC...	4.101	3.462	200.4E6	154.7E6	53.589	48.105
4)	MA Heptachlor	4.679	3.794	194.0E6	145.4E6	53.097	42.463
5)	MB Aldrin	5.016	4.071	181.1E6	156.8E6	54.923	49.782
6)	B beta-BHC	4.305	3.763	86076727	55195248	50.470	40.454
7)	B delta-BHC	4.546	3.988	201.5E6	156.7E6	56.013	51.079
8)	B Heptachlo...	5.442	4.572	166.9E6	139.1E6	54.713	48.282
9)	A Endosulfan I	5.823	4.939	152.3E6	132.6E6	54.934	49.687
10)	B gamma-Chl...	5.697	4.821	173.3E6	145.5E6	57.620	50.140
11)	B alpha-Chl...	5.774	4.884	166.2E6	143.5E6	55.690	49.450
12)	B 4,4'-DDE	5.953	5.075	147.5E6	120.9E6	58.035	52.581
13)	MA Dieldrin	6.098	5.203	157.7E6	128.6E6	57.142	47.618
14)	MA Endrin	6.324	5.479	133.0E6	109.2E6	54.860	44.661
15)	B Endosulfa...	6.547	5.775	129.2E6	116.6E6	53.061	51.740
16)	A 4,4'-DDD	6.469	5.630	122.9E6	105.2E6	60.650	56.240
17)	MA 4,4'-DDT	6.781	5.878	120.7E6	102.7E6	52.764	48.621
18)	B Endrin al...	6.677	5.955	105.4E6	94424947	55.925	50.457
19)	B Endosulfa...	6.910	6.178	127.8E6	119.5E6	53.900	50.779
20)	A Methoxychlor	7.261	6.458	62650852	53154526	51.339	43.863
21)	B Endrin ke...	7.391	6.682	135.9E6	115.6E6	56.747	45.558
22)	Mirex	7.855	6.853	99427365	93165730	50.824	40.432
23)	Chlordane-1	0.000	3.617f	0	345789	N.D.	3.899 #
24)	Chlordane-2	5.016f	4.212	181.1E6	2570277	1521.283	22.920 #
25)	Chlordane-3	5.697	4.821	173.3E6	145.5E6	401.332	512.125 #
26)	Chlordane-4	5.774	4.884	166.2E6	143.5E6	319.693	481.037 #
27)	Chlordane-5	0.000	5.775	0	116.6E6	N.D.	1181.497 #

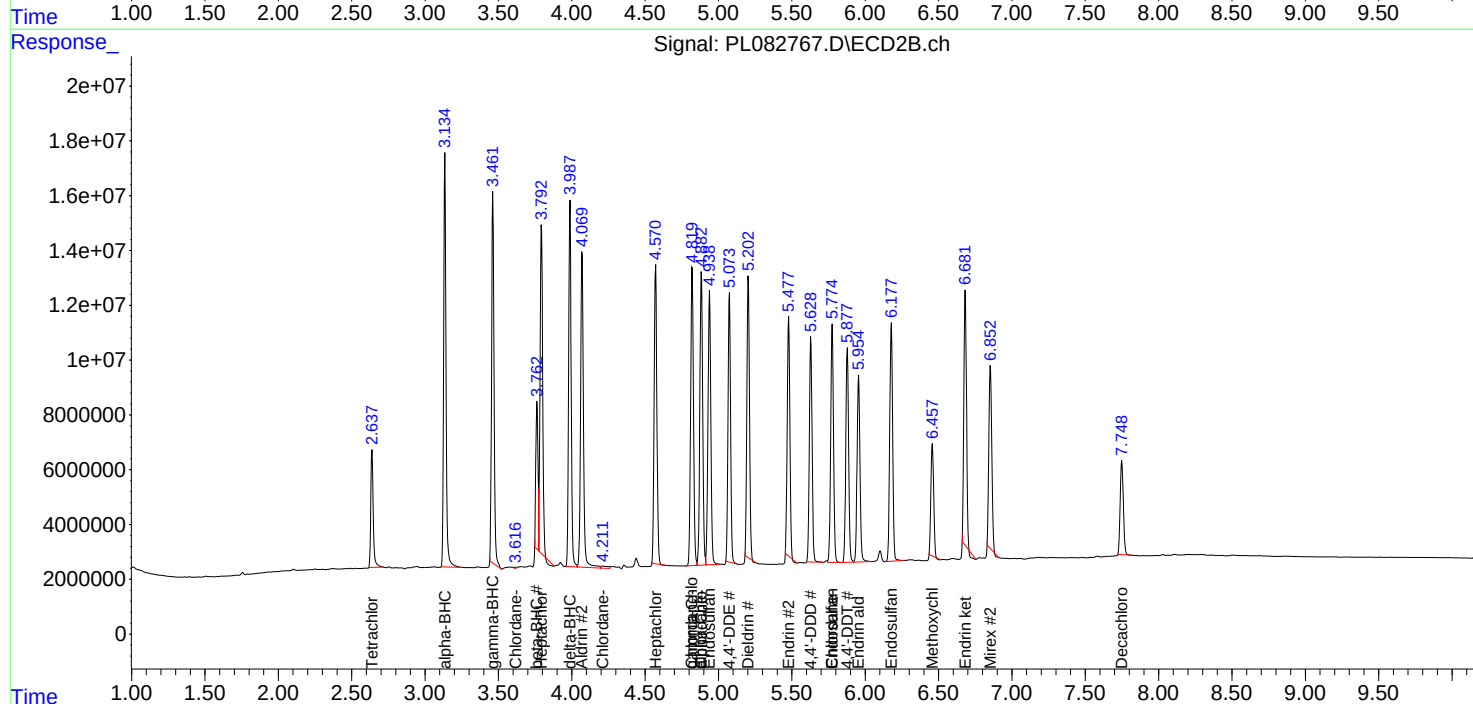
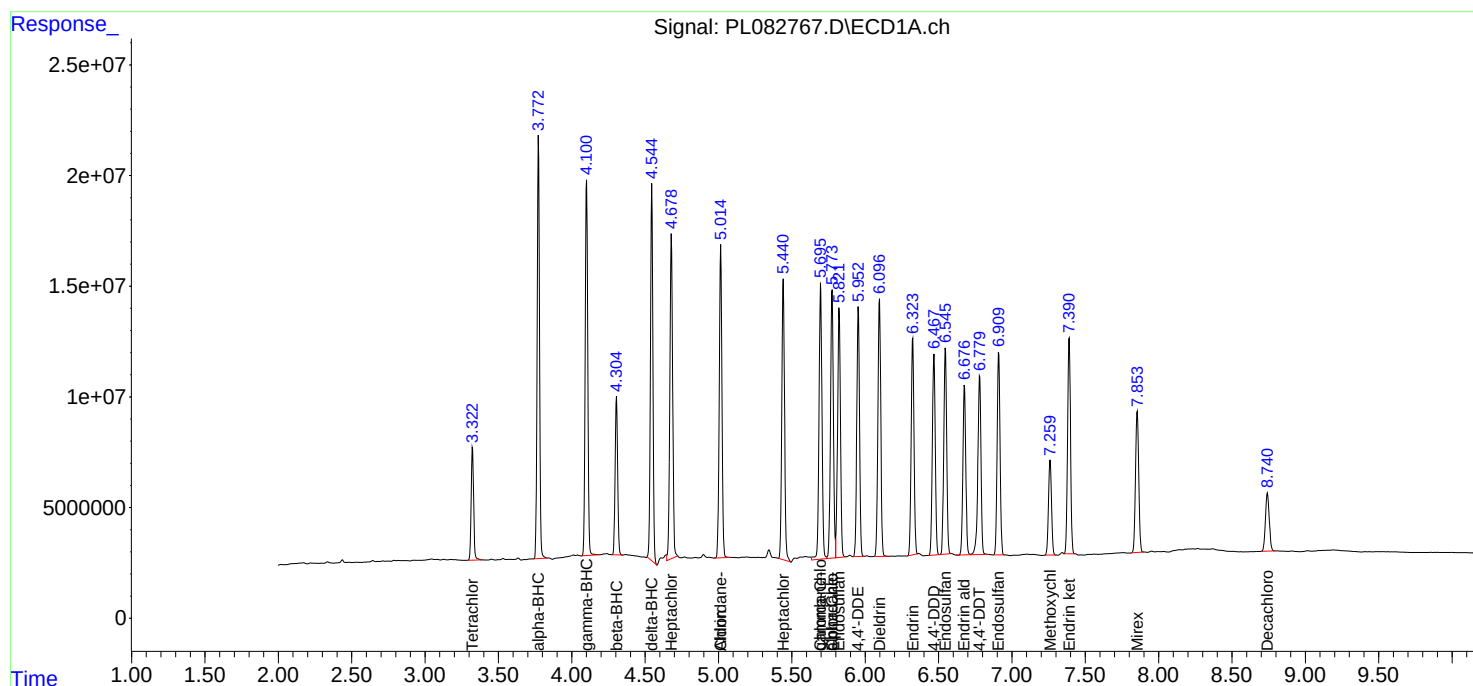
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

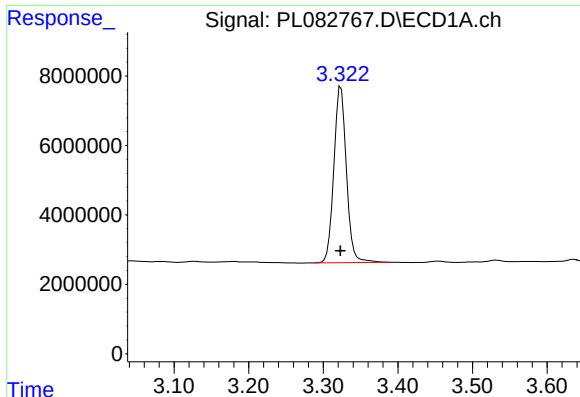
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

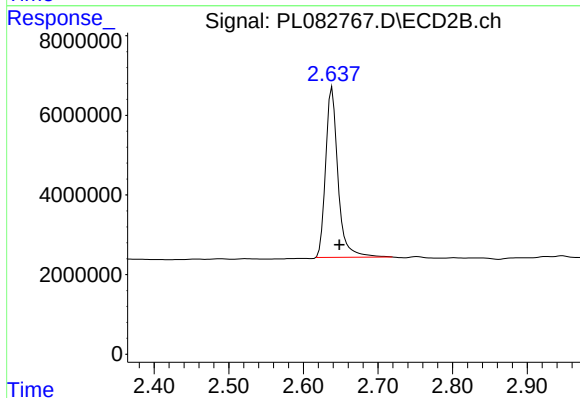




#1 Tetrachloro-m-xylene

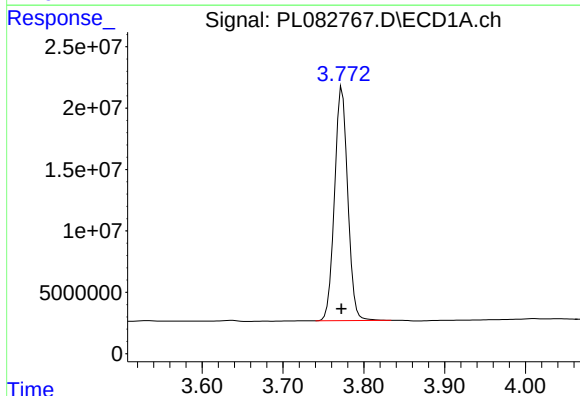
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 59451892
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



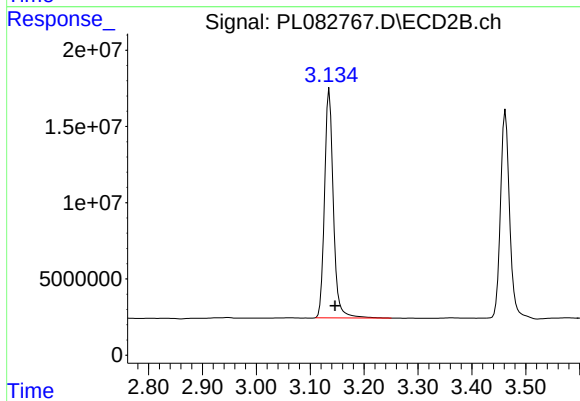
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: -0.010 min
Response: 49074810
Conc: 21.18 ng/ml



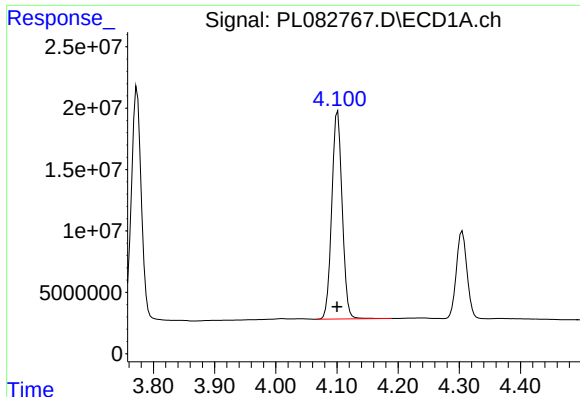
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 215749827
Conc: 54.21 ng/ml



#2 alpha-BHC

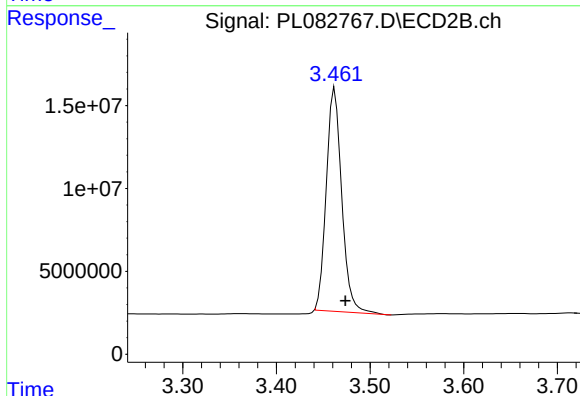
R.T.: 3.135 min
Delta R.T.: -0.011 min
Response: 170032373
Conc: 49.96 ng/ml



#3 gamma-BHC (Lindane)

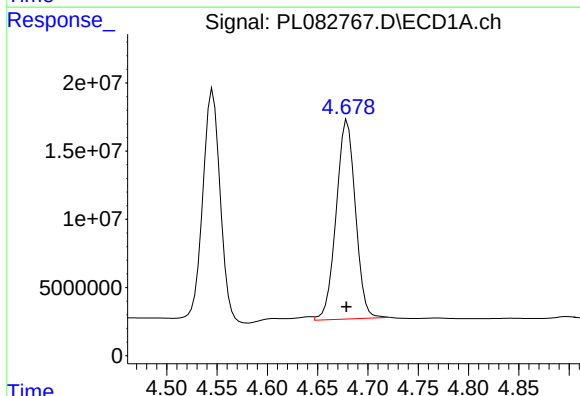
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 200365689
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



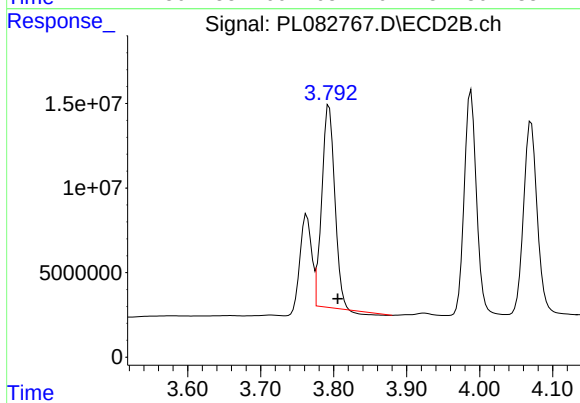
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: -0.011 min
Response: 154672098
Conc: 48.11 ng/ml



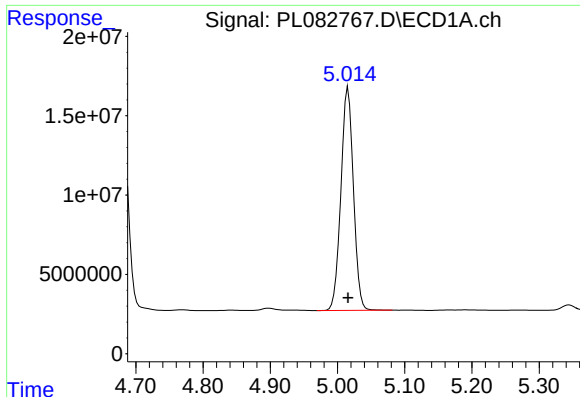
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 194014156
Conc: 53.10 ng/ml



#4 Heptachlor

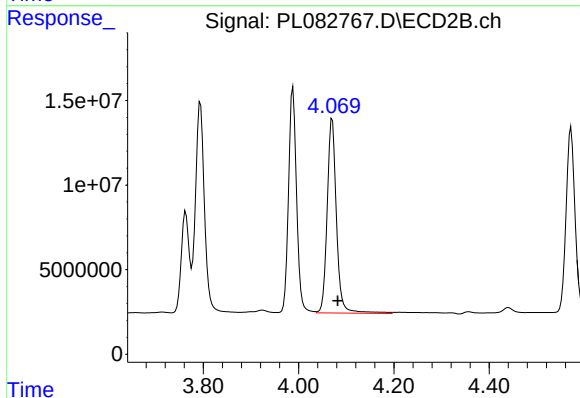
R.T.: 3.794 min
Delta R.T.: -0.012 min
Response: 145360118
Conc: 42.46 ng/ml



#5 Aldrin

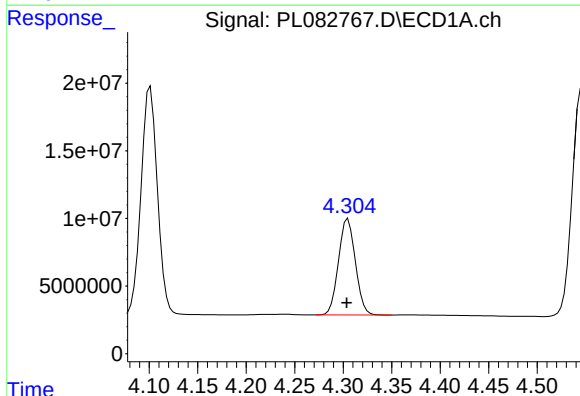
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 181112516
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



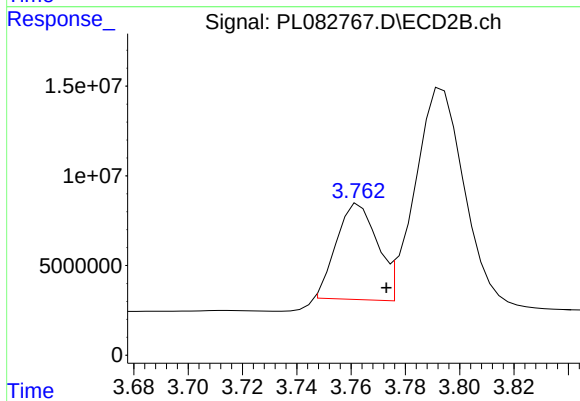
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.012 min
Response: 156807547
Conc: 49.78 ng/ml



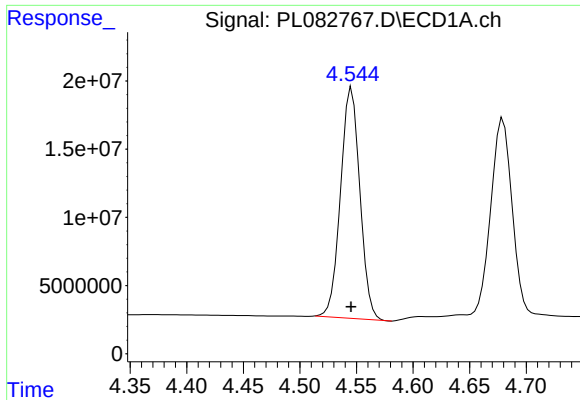
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 86076727
Conc: 50.47 ng/ml



#6 beta-BHC

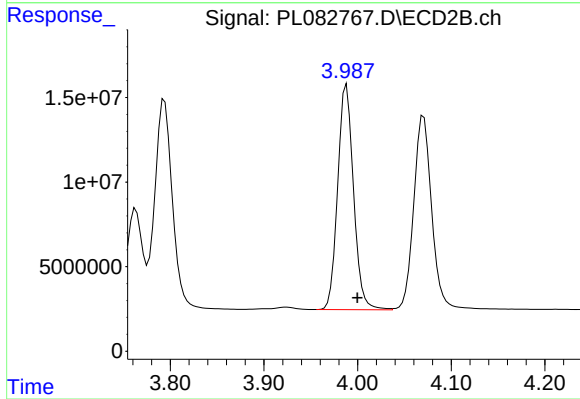
R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 55195248
Conc: 40.45 ng/ml



#7 delta-BHC

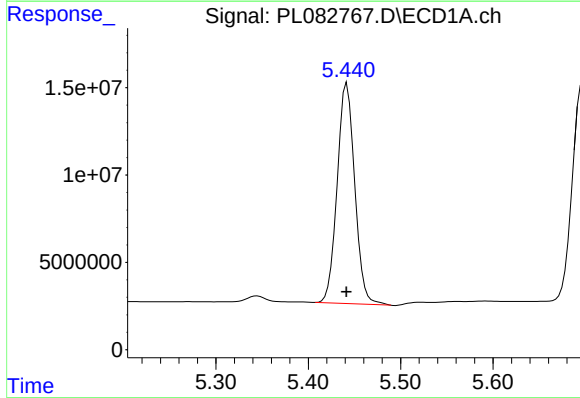
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 201520754
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



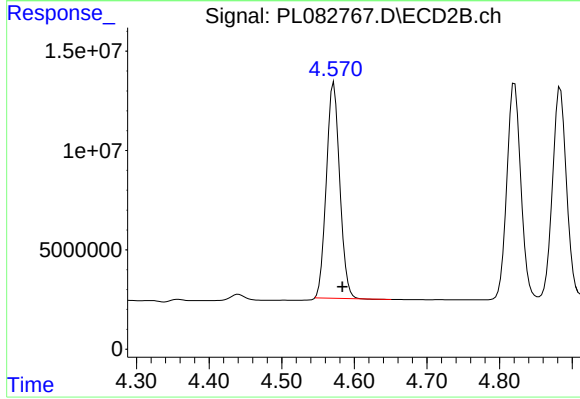
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: -0.011 min
Response: 156679294
Conc: 51.08 ng/ml



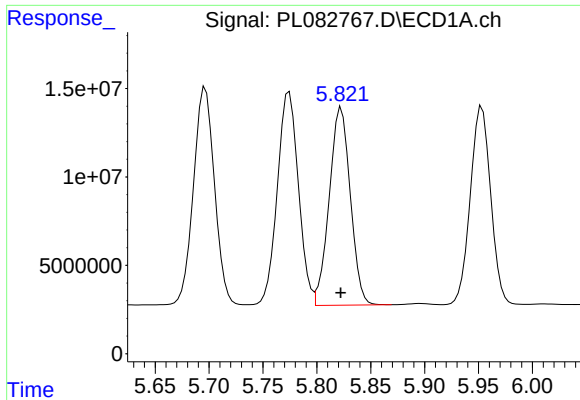
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 166892292
Conc: 54.71 ng/ml



#8 Heptachlor epoxide

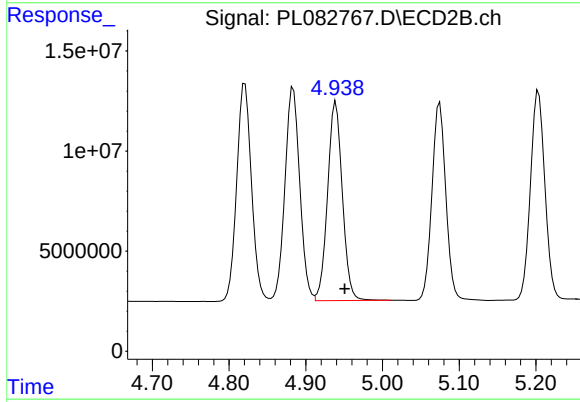
R.T.: 4.572 min
Delta R.T.: -0.012 min
Response: 139094807
Conc: 48.28 ng/ml



#9 Endosulfan I

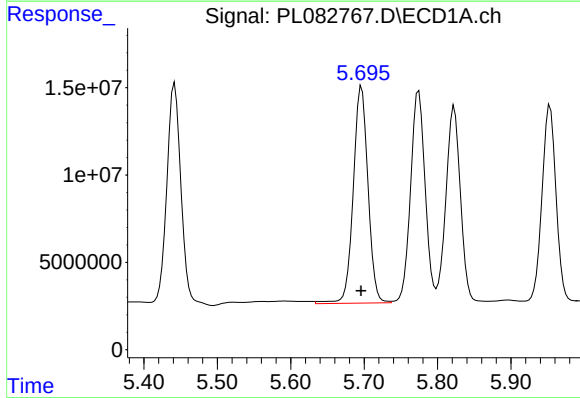
R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 152316510
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



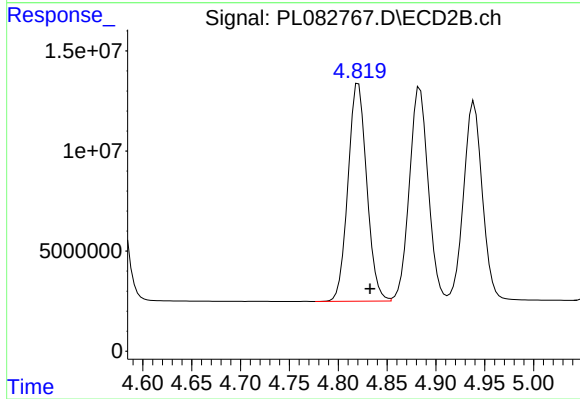
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 132637051
Conc: 49.69 ng/ml



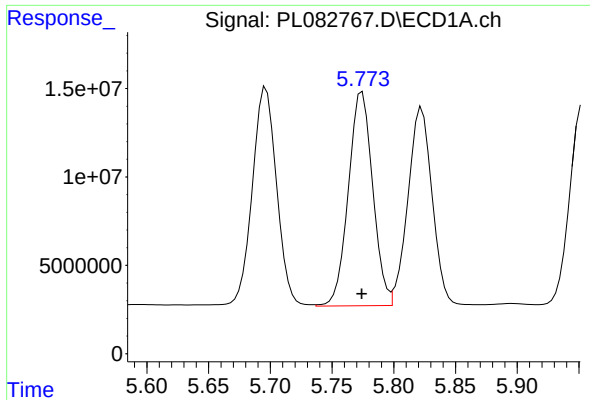
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 173256373
Conc: 57.62 ng/ml



#10 gamma-Chlordane

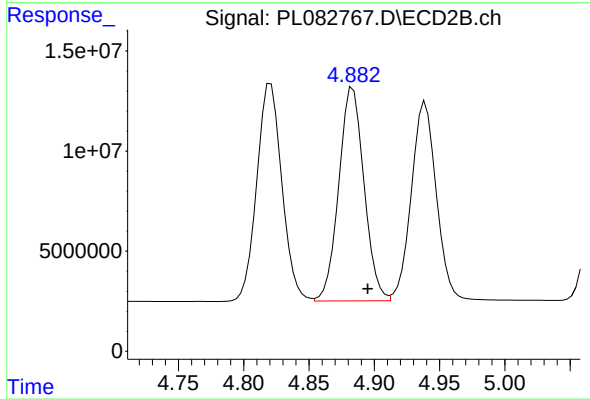
R.T.: 4.821 min
Delta R.T.: -0.012 min
Response: 145499700
Conc: 50.14 ng/ml



#11 alpha-Chlordane

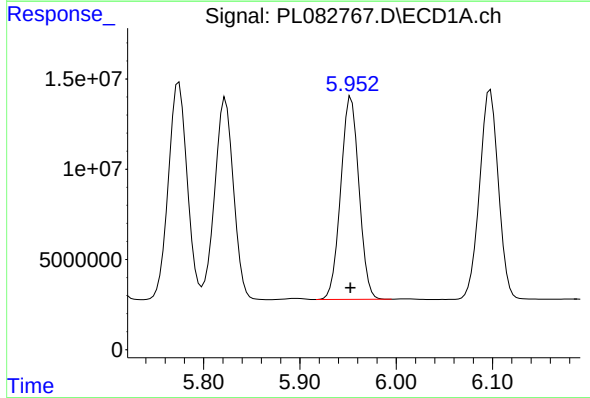
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 166213268
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



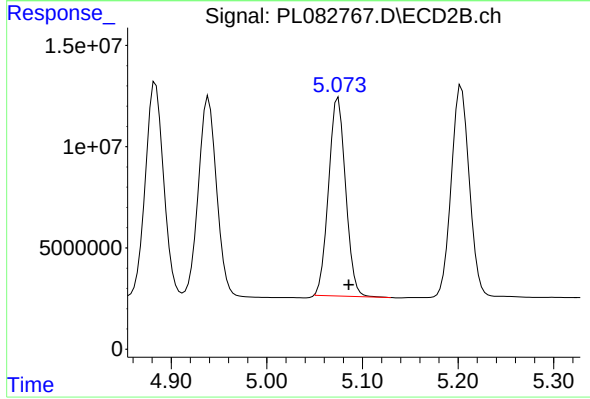
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 143544564
Conc: 49.45 ng/ml



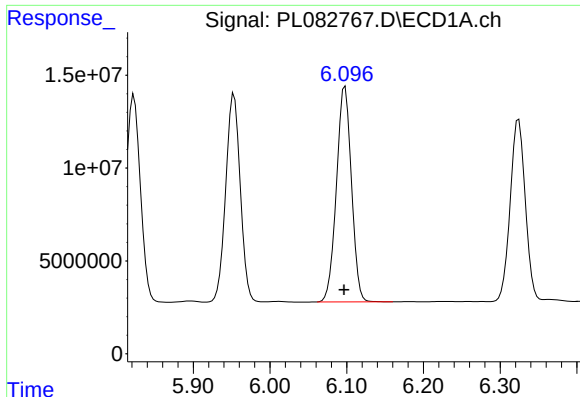
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 147526760
Conc: 58.03 ng/ml



#12 4,4'-DDE

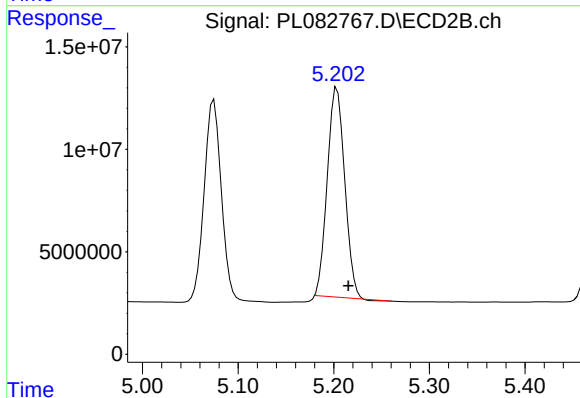
R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 120880716
Conc: 52.58 ng/ml



#13 Dieldrin

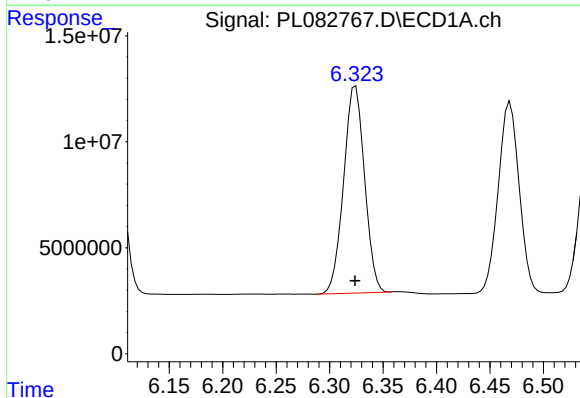
R.T.: 6.098 min
Delta R.T.: 0.001 min
Response: 157662199
Conc: 57.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



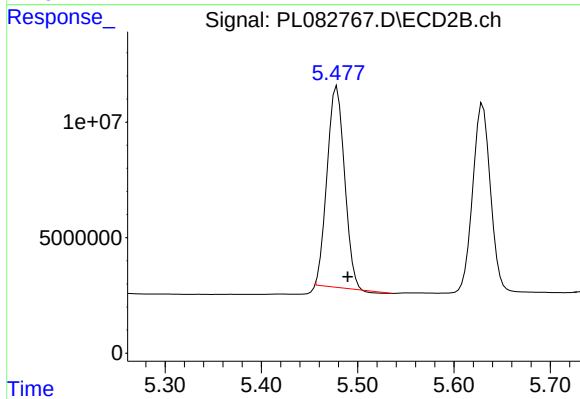
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 128587505
Conc: 47.62 ng/ml



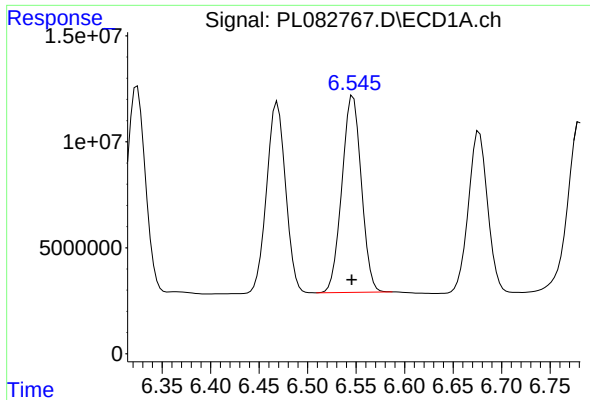
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 133011195
Conc: 54.86 ng/ml



#14 Endrin

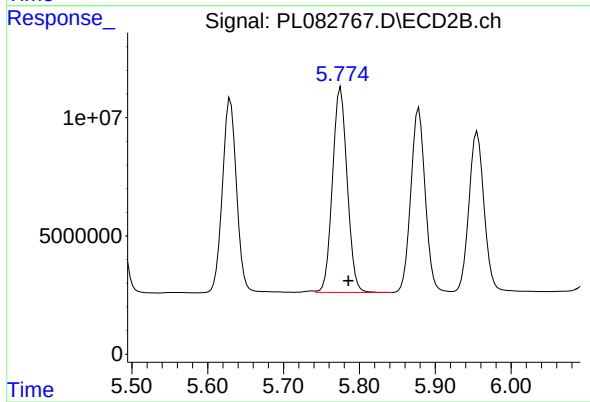
R.T.: 5.479 min
Delta R.T.: -0.011 min
Response: 109238388
Conc: 44.66 ng/ml



#15 Endosulfan II

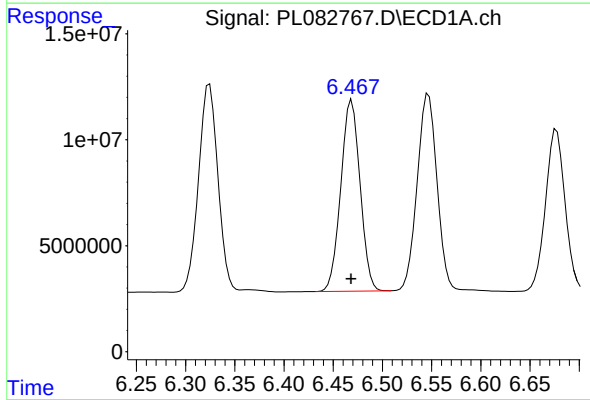
R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 129179135
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



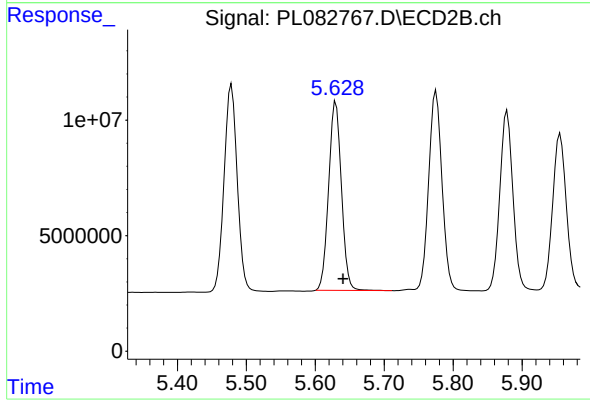
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 116628385
Conc: 51.74 ng/ml



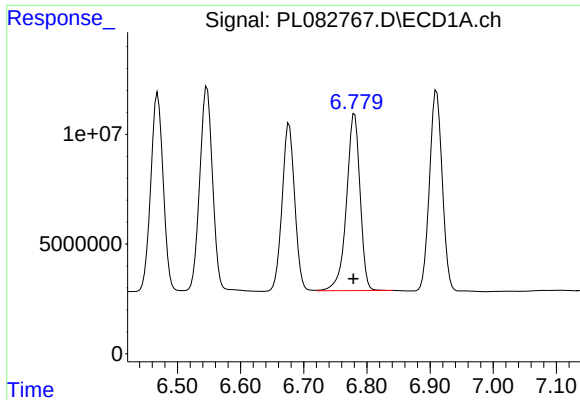
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 122949937
Conc: 60.65 ng/ml



#16 4,4'-DDD

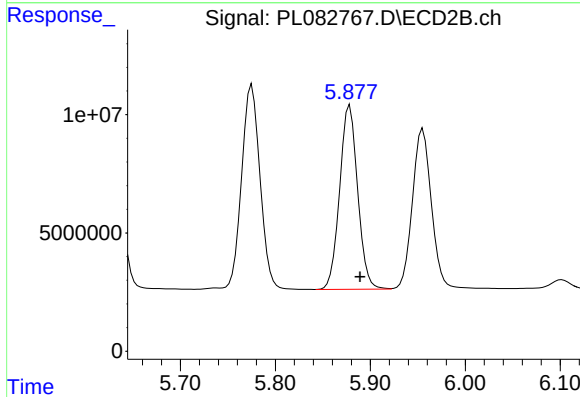
R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 105192059
Conc: 56.24 ng/ml



#17 4,4'-DDT

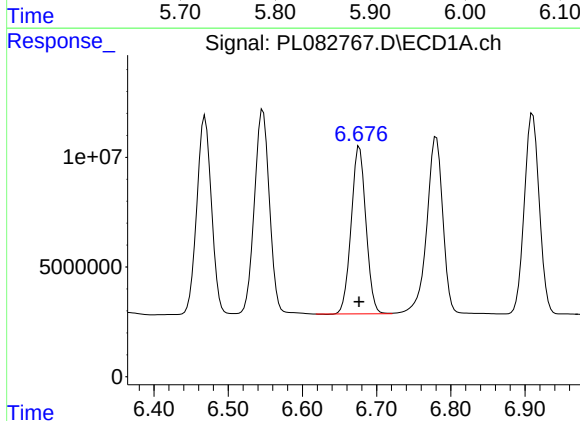
R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 120710275
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



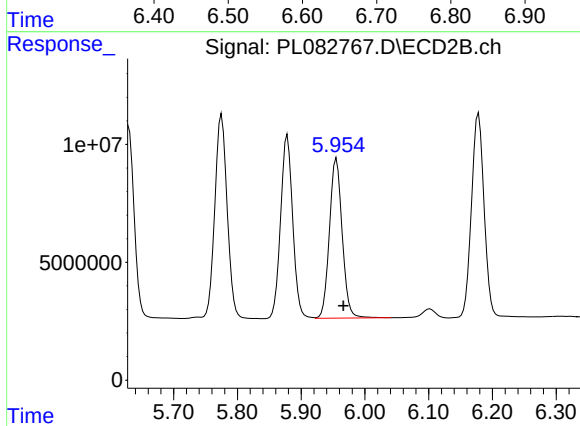
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 102717120
Conc: 48.62 ng/ml



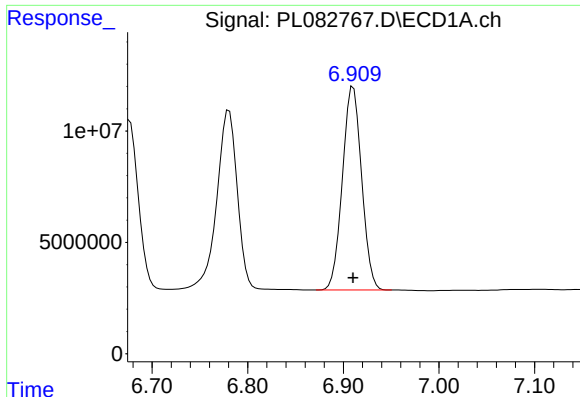
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 105372108
Conc: 55.92 ng/ml



#18 Endrin aldehyde

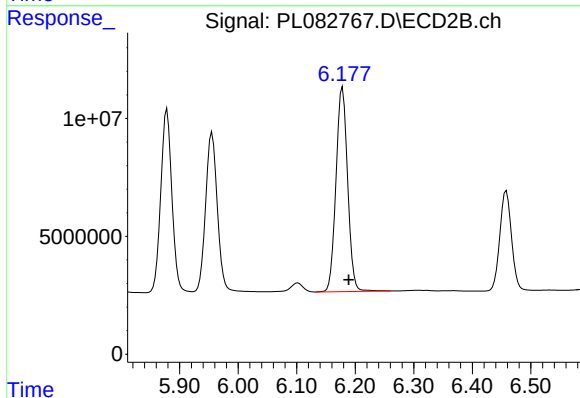
R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 94424947
Conc: 50.46 ng/ml



#19 Endosulfan Sulfate

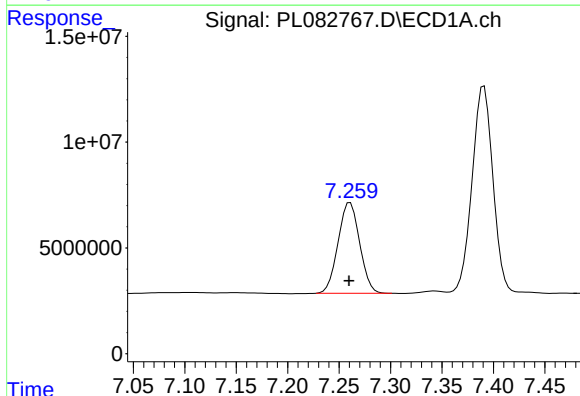
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 127825416
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



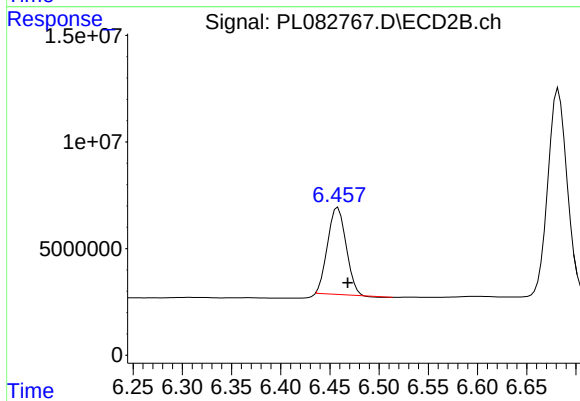
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 119548699
Conc: 50.78 ng/ml



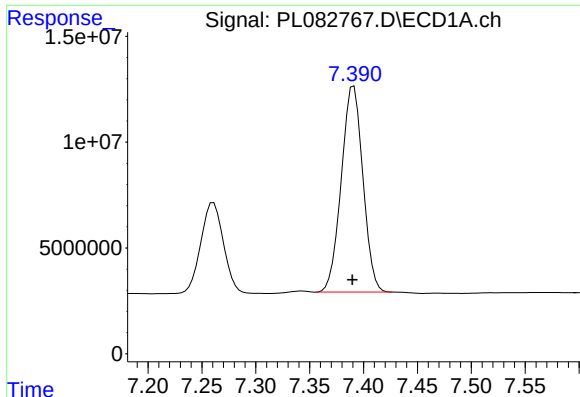
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.001 min
Response: 62650852
Conc: 51.34 ng/ml



#20 Methoxychlor

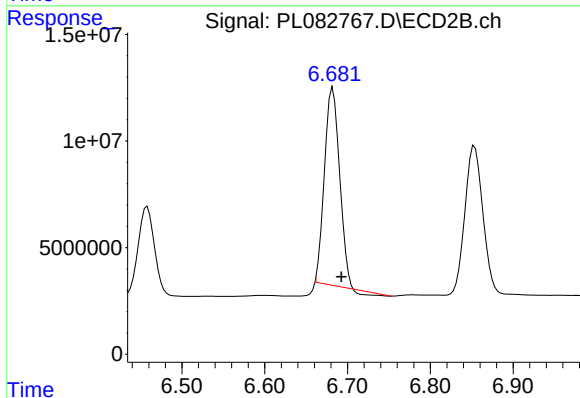
R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 53154526
Conc: 43.86 ng/ml



#21 Endrin ketone

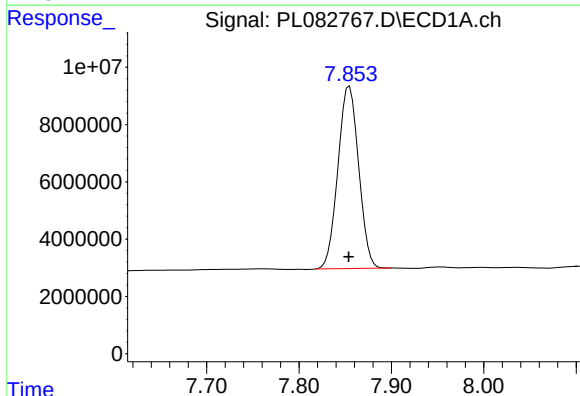
R.T.: 7.391 min
Delta R.T.: 0.001 min
Response: 135876421
Conc: 56.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



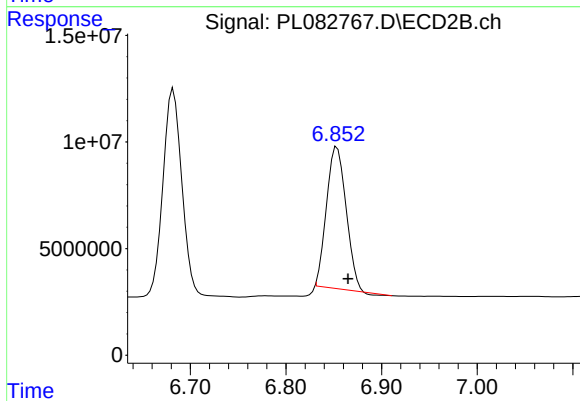
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 115633748
Conc: 45.56 ng/ml



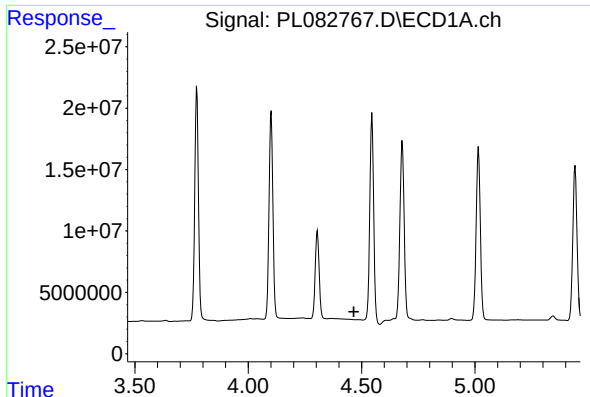
#22 Mirex

R.T.: 7.855 min
Delta R.T.: 0.000 min
Response: 99427365
Conc: 50.82 ng/ml



#22 Mirex

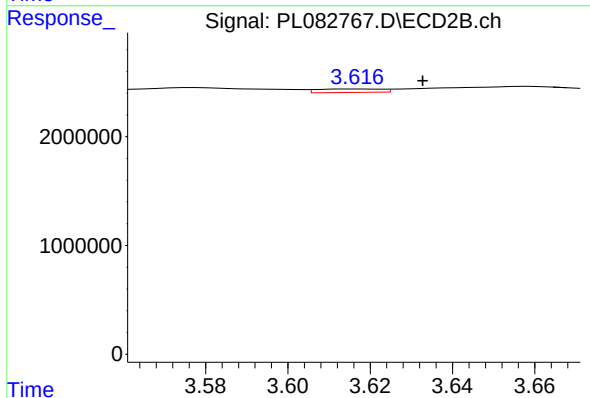
R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 93165730
Conc: 40.43 ng/ml



#23 Chlordane-1

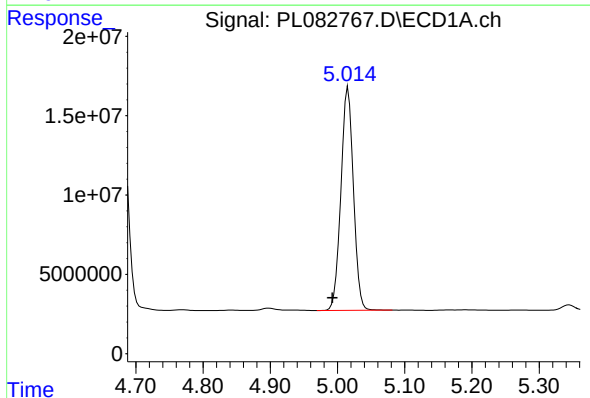
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



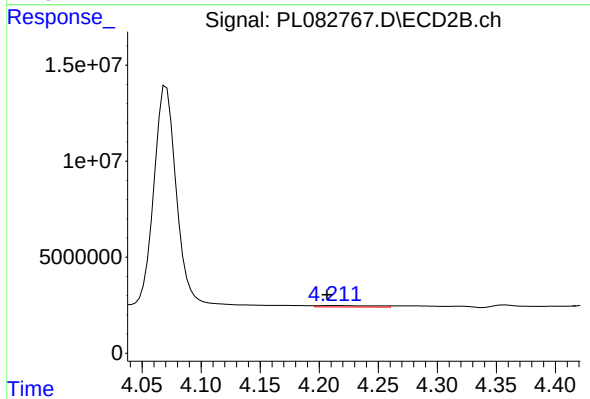
#23 Chlordane-1

R.T.: 3.617 min
Delta R.T.: -0.015 min
Response: 345789
Conc: 3.90 ng/ml



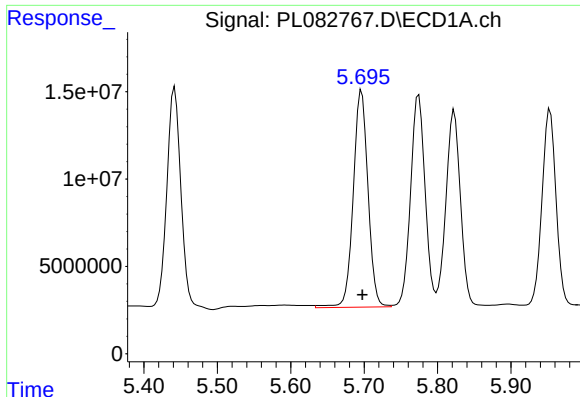
#24 Chlordane-2

R.T.: 5.016 min
Delta R.T.: 0.023 min
Response: 181112516
Conc: 1521.28 ng/ml



#24 Chlordane-2

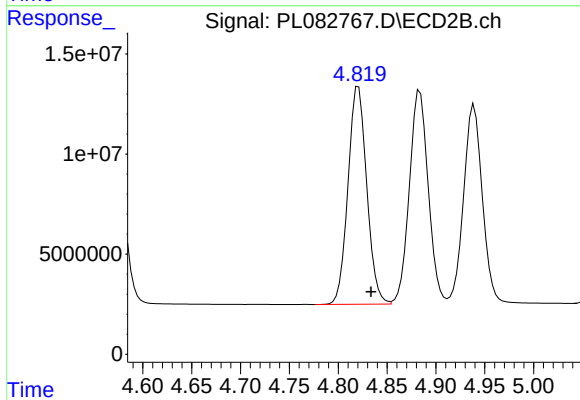
R.T.: 4.212 min
Delta R.T.: 0.006 min
Response: 2570277
Conc: 22.92 ng/ml



#25 Chlordane-3

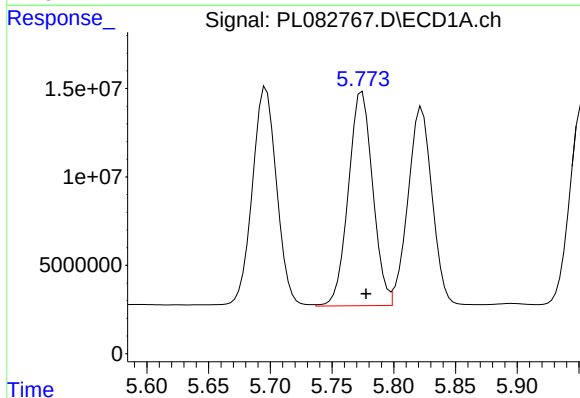
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 173256373
Conc: 401.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



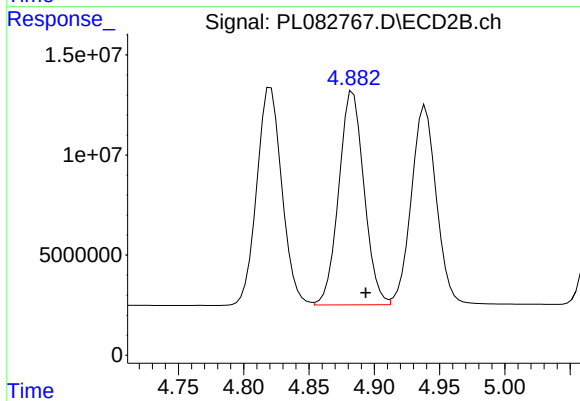
#25 Chlordane-3

R.T.: 4.821 min
Delta R.T.: -0.013 min
Response: 145499700
Conc: 512.13 ng/ml



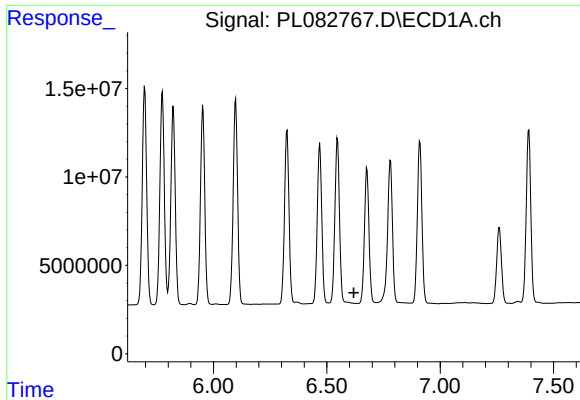
#26 Chlordane-4

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 166213268
Conc: 319.69 ng/ml



#26 Chlordane-4

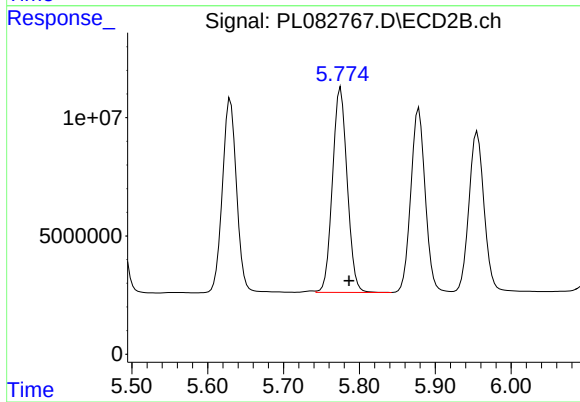
R.T.: 4.884 min
Delta R.T.: -0.010 min
Response: 143544564
Conc: 481.04 ng/ml



#27 Chlordane-5

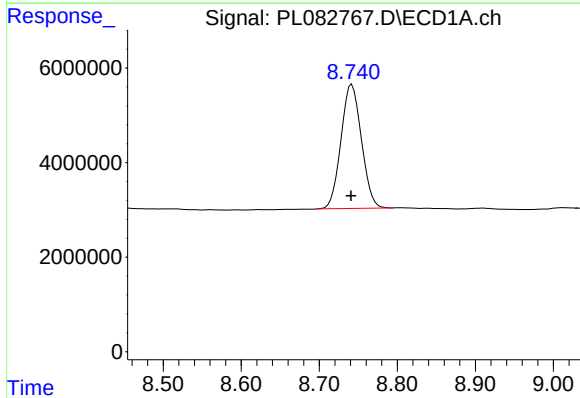
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



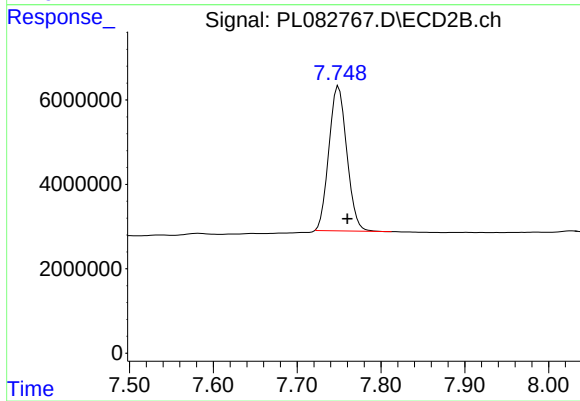
#27 Chlordane-5

R.T.: 5.775 min
Delta R.T.: -0.011 min
Response: 116628385
Conc: 1181.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 47672368
Conc: 24.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 50904587
Conc: 22.30 ng/ml