

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012323\
 Data File : PL080465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2023 13:24
 Operator : AR\AJ
 Sample : PB150384BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 21:00:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.358	2.689	47771717	47556100	22.273	21.651
28)	SA Decachlor...	8.798	7.842	40694875	51464430	23.244	21.601
Target Compounds							
2)	A alpha-BHC	3.806	3.191	149.4E6	142.7E6	47.165	44.873
3)	MA gamma-BHC...	4.135	3.520	139.3E6	132.3E6	47.401	44.289
4)	MA Heptachlor	4.719	3.861	137.0E6	137.5E6	46.363	43.215
5)	MB Aldrin	5.057	4.141	129.4E6	131.4E6	47.285	44.558
6)	B beta-BHC	4.331	3.816	58198516	55858565	42.636	41.853
7)	B delta-BHC	4.574	4.046	136.0E6	127.3E6	46.966	44.128
8)	B Heptachlo...	5.482	4.643	118.0E6	120.6E6	45.625	43.336
9)	A Endosulfan I	5.864	5.013	107.4E6	109.6E6	45.472	42.126
10)	B gamma-Chl...	5.737	4.895	117.7E6	120.8E6	46.597	42.617
11)	B alpha-Chl...	5.816	4.958	116.4E6	121.2E6	46.126	42.291
12)	B 4,4'-DDE	5.994	5.152	102.7E6	99840696	46.129	42.326
13)	MA Dieldrin	6.139	5.278	113.9E6	121.6E6	47.606	44.966
14)	MA Endrin	6.366	5.553	106.0E6	105.0E6	49.014	45.241
15)	B Endosulfa...	6.584	5.848	97214890	102.2E6	42.409	49.066
16)	A 4,4'-DDD	6.508	5.706	87150564	82558629	47.572	43.933
17)	MA 4,4'-DDT	6.821	5.957	89204865	87664168	42.935	41.715
18)	B Endrin al...	6.714	6.028	80812925	83380959	48.583	45.660
19)	B Endosulfa...	6.947	6.251	96388760	100.7E6	46.567	43.279
20)	A Methoxychlor	7.299	6.537	49586367	50561960	44.944	41.667
21)	B Endrin ke...	7.428	6.756	104.4E6	112.5E6	47.337	44.058
22)	Mirex	7.899	6.940	82593264	100.1E6	48.025	43.987
23)	Chlordane-1	0.000	3.662f	0	32671	N.D.	0.401 #
24)	Chlordane-2	0.000	4.274	0	197040	N.D.	2.185 #
25)	Chlordane-3	5.737	4.895	117.7E6	120.8E6	348.288	457.970 #
26)	Chlordane-4	5.816	4.958	116.4E6	121.2E6	269.887	449.874 #
27)	Chlordane-5	0.000	5.646f	0	420317	N.D.	5.907 #

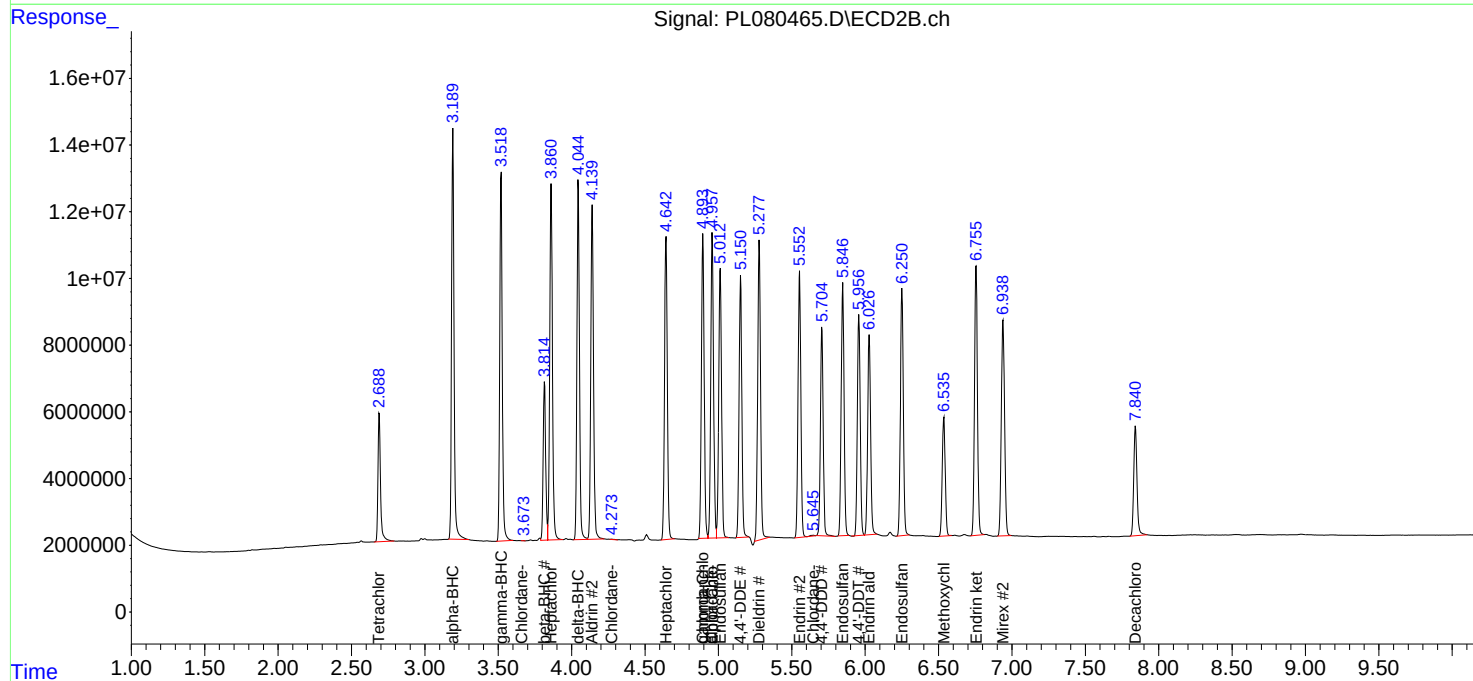
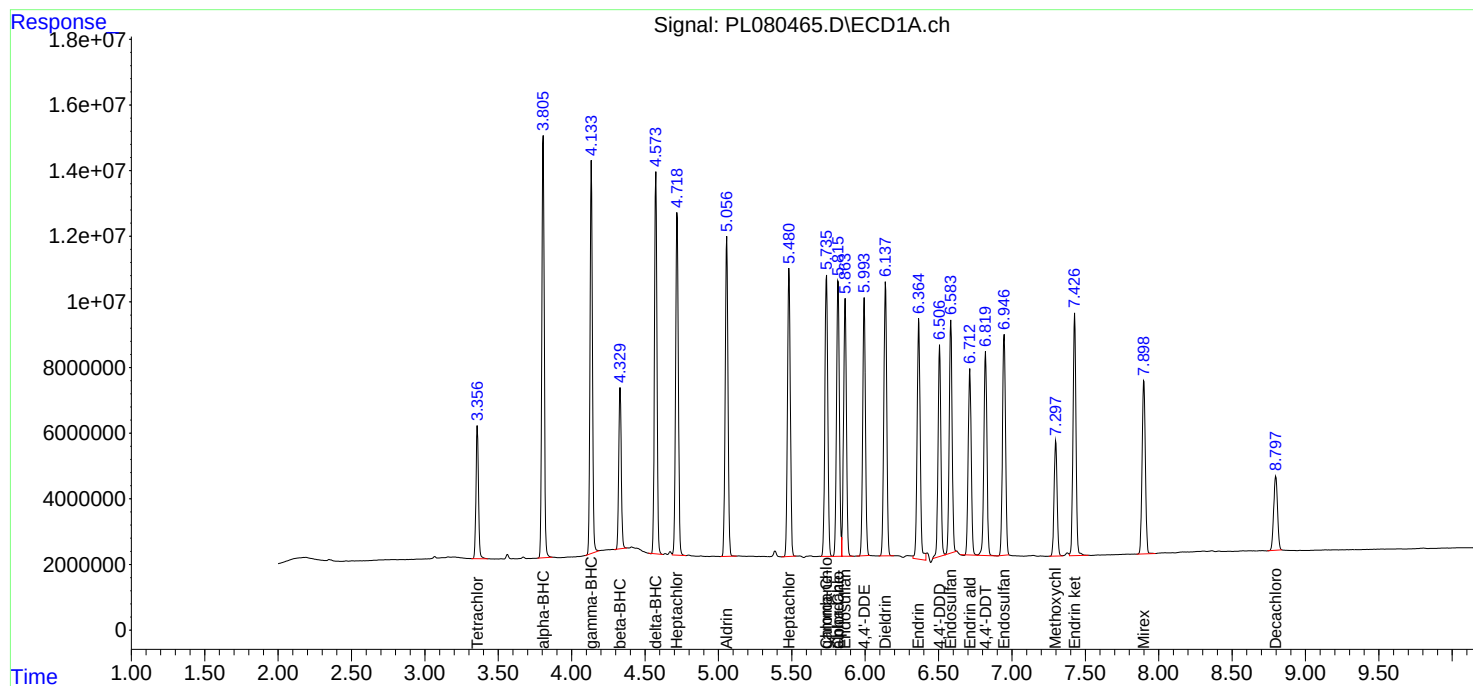
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

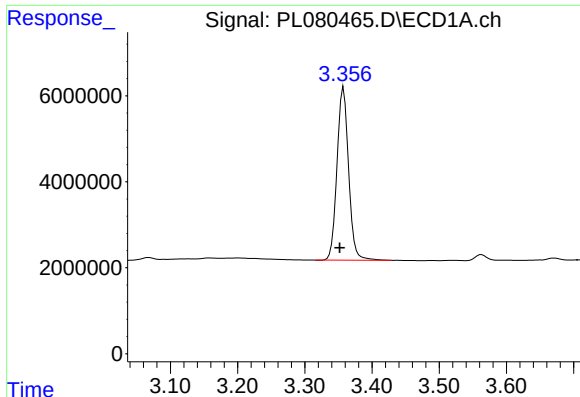
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012323\
Data File : PL080465.D
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

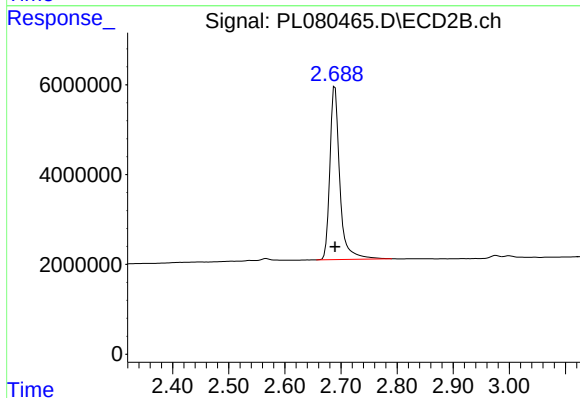




#1 Tetrachloro-m-xylene

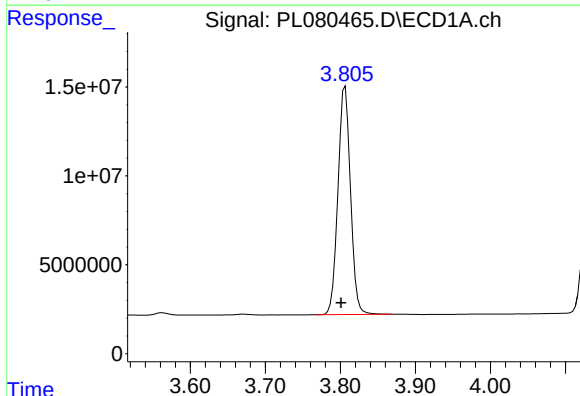
R.T.: 3.358 min
Delta R.T.: 0.006 min
Response: 47771717
Conc: 22.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



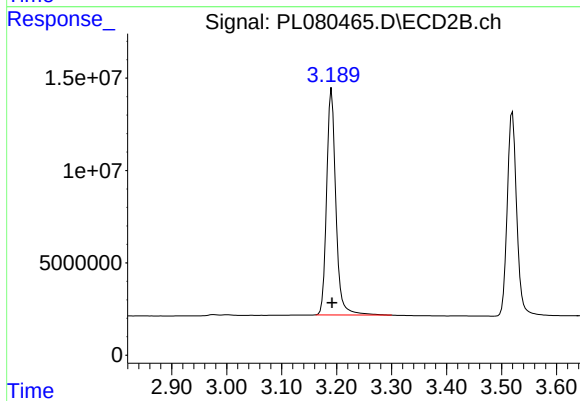
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 47556100
Conc: 21.65 ng/ml



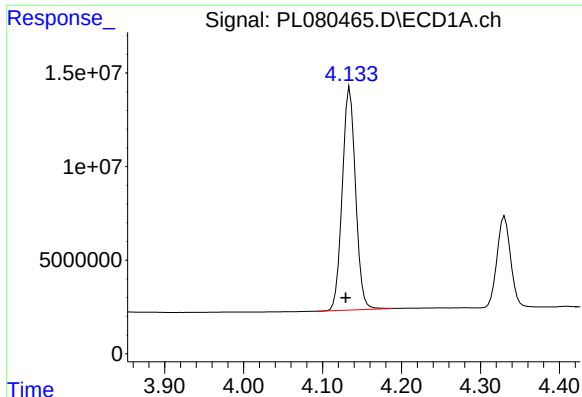
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.006 min
Response: 149419905
Conc: 47.16 ng/ml



#2 alpha-BHC

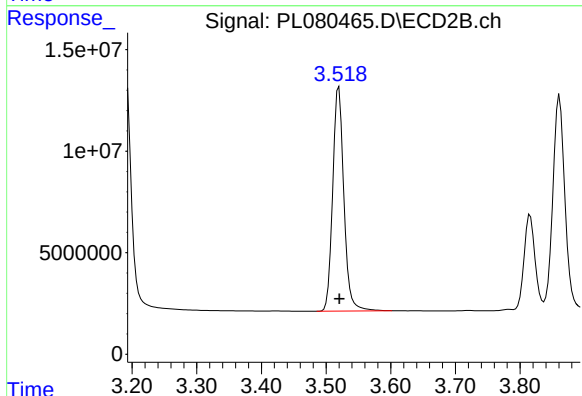
R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 142713608
Conc: 44.87 ng/ml



#3 gamma-BHC (Lindane)

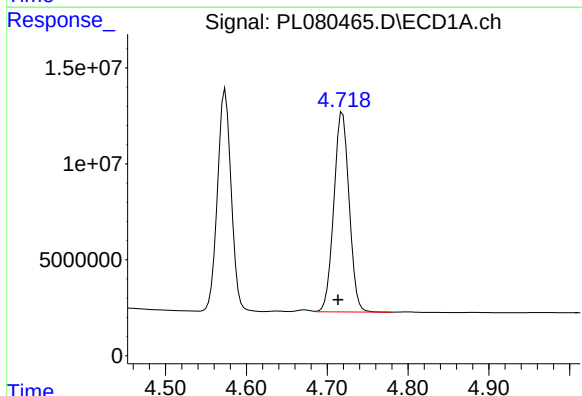
R.T.: 4.135 min
Delta R.T.: 0.005 min
Response: 139348770
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



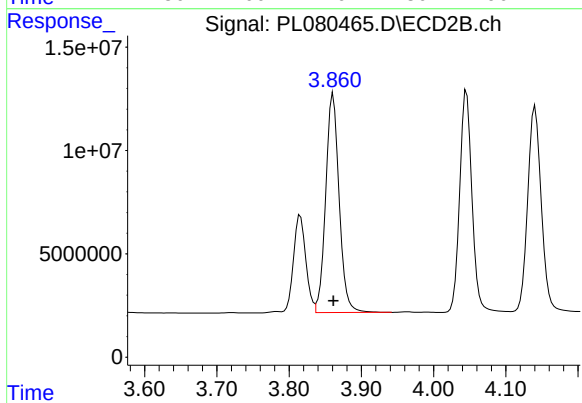
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 132305249
Conc: 44.29 ng/ml



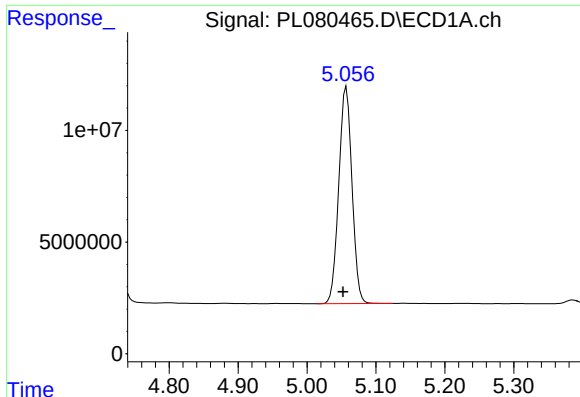
#4 Heptachlor

R.T.: 4.719 min
Delta R.T.: 0.006 min
Response: 137013850
Conc: 46.36 ng/ml



#4 Heptachlor

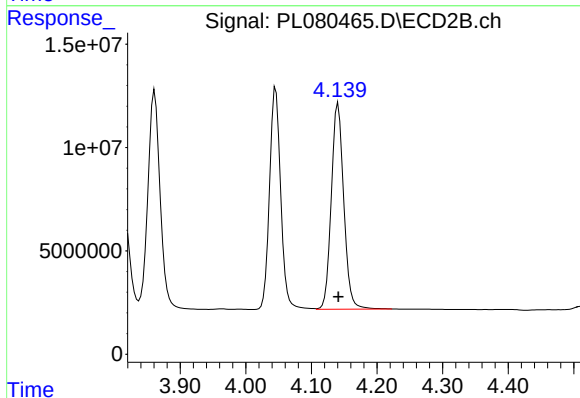
R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 137525235
Conc: 43.21 ng/ml



#5 Aldrin

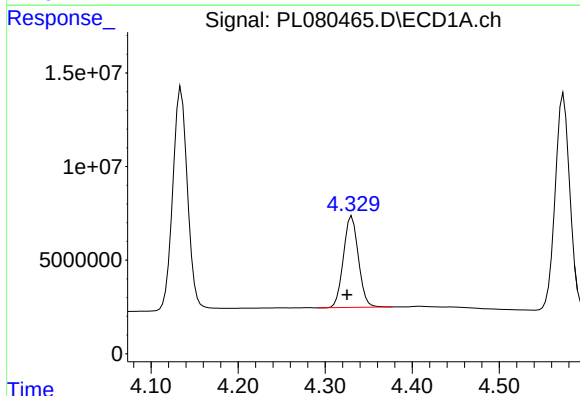
R.T.: 5.057 min
Delta R.T.: 0.005 min
Response: 129362402
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



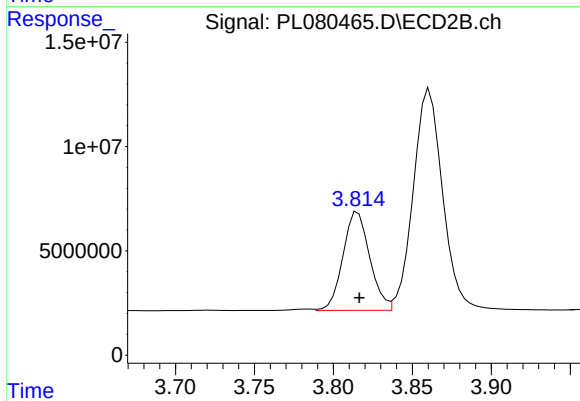
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 131425906
Conc: 44.56 ng/ml



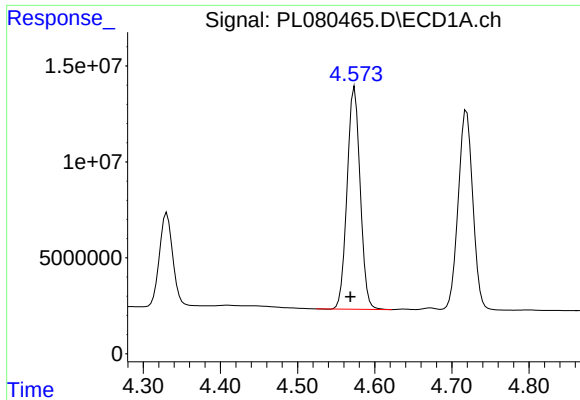
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.006 min
Response: 58198516
Conc: 42.64 ng/ml



#6 beta-BHC

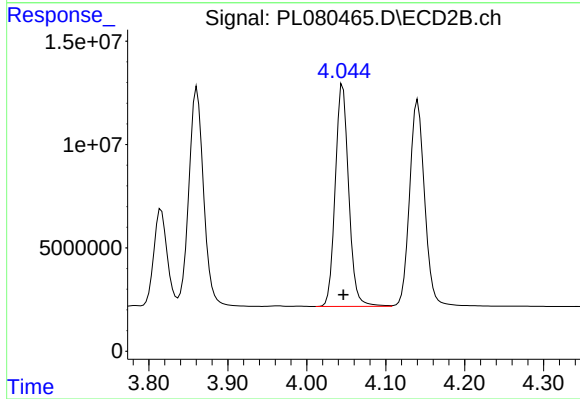
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 55858565
Conc: 41.85 ng/ml



#7 delta-BHC

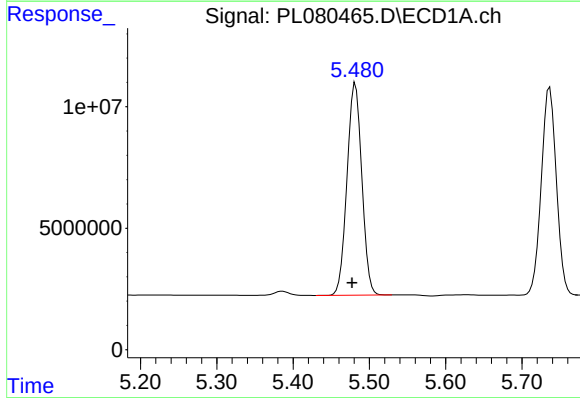
R.T.: 4.574 min
Delta R.T.: 0.006 min
Response: 135967736
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



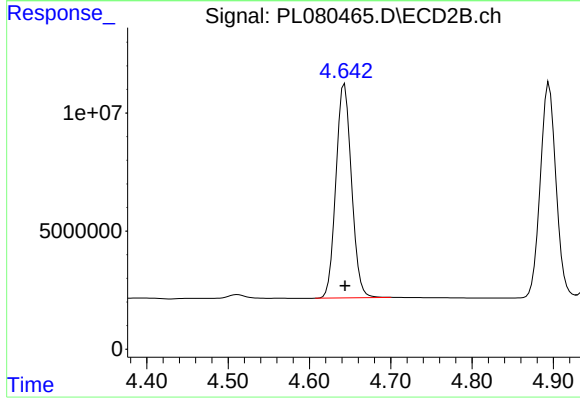
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 127285631
Conc: 44.13 ng/ml



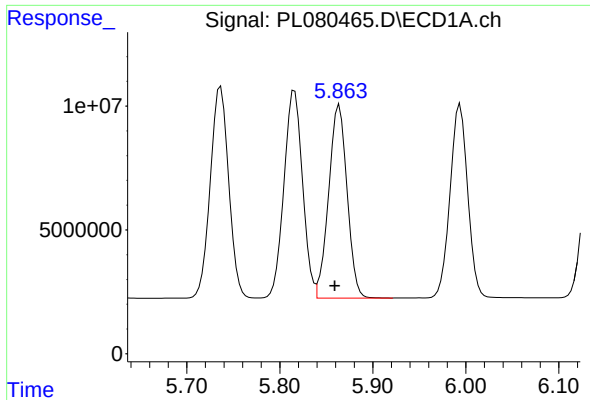
#8 Heptachlor epoxide

R.T.: 5.482 min
Delta R.T.: 0.005 min
Response: 118034091
Conc: 45.62 ng/ml



#8 Heptachlor epoxide

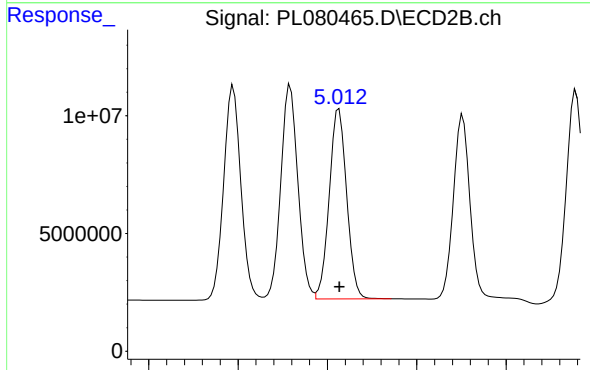
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 120574600
Conc: 43.34 ng/ml



#9 Endosulfan I

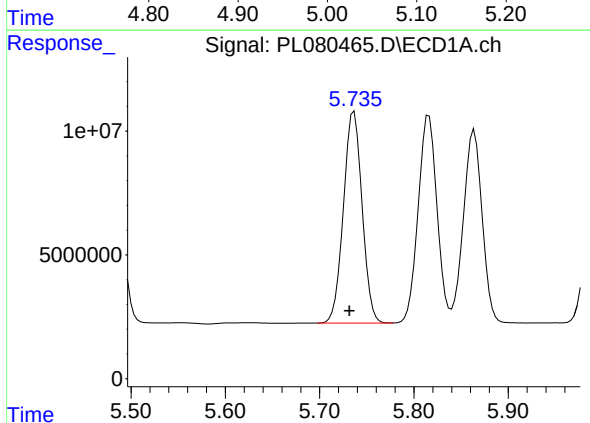
R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 107380275
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



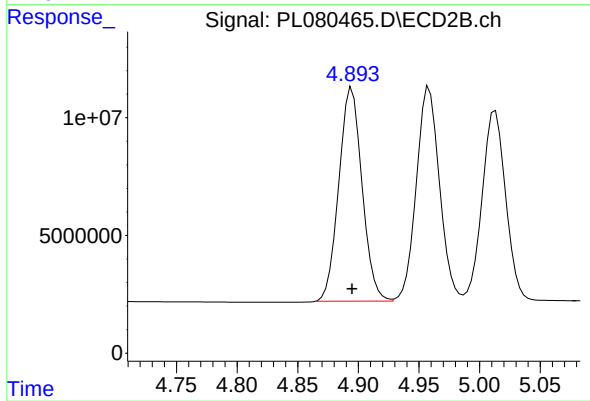
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 109584571
Conc: 42.13 ng/ml



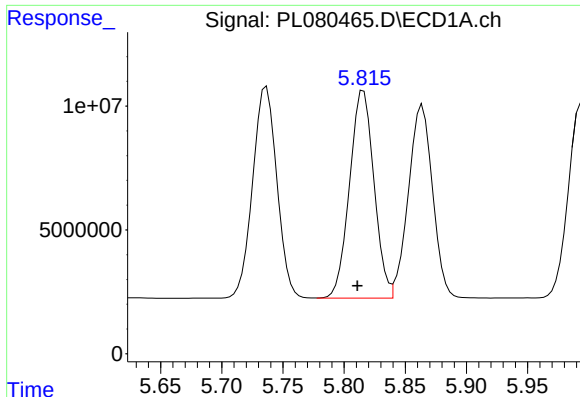
#10 gamma-Chlordane

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 117690433
Conc: 46.60 ng/ml



#10 gamma-Chlordane

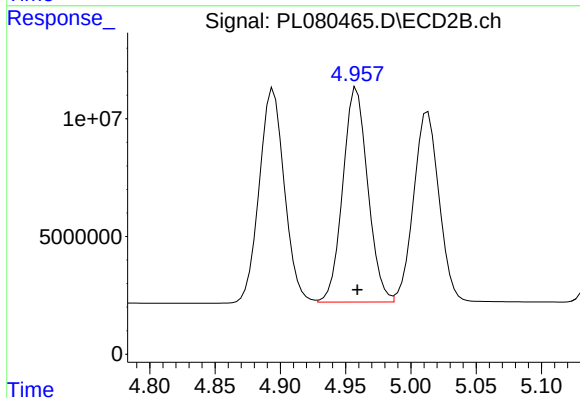
R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 120787267
Conc: 42.62 ng/ml



#11 alpha-Chlordane

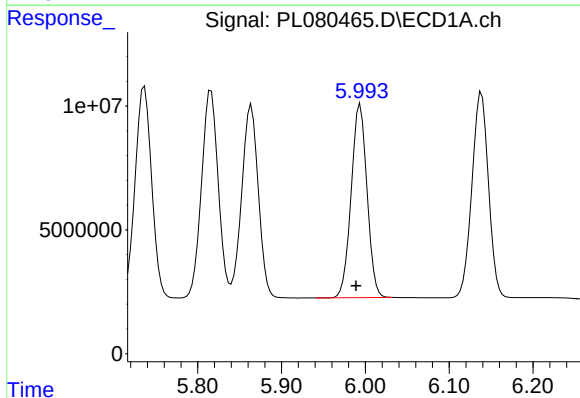
R.T.: 5.816 min
Delta R.T.: 0.005 min
Response: 116433379
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



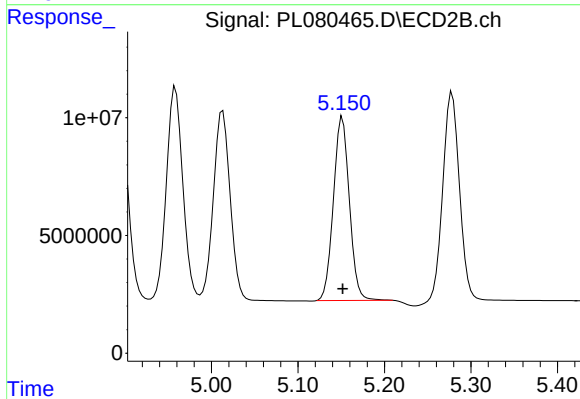
#11 alpha-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 121150081
Conc: 42.29 ng/ml



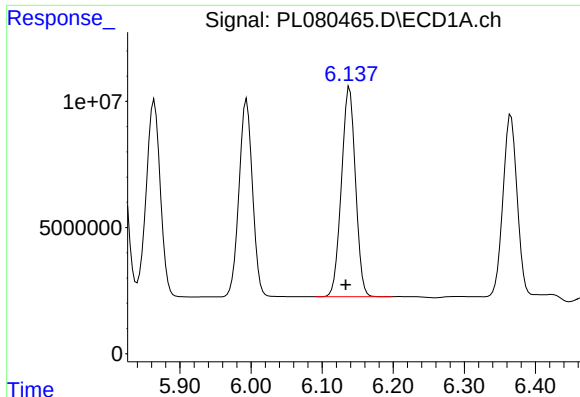
#12 4,4'-DDE

R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: 102744470
Conc: 46.13 ng/ml



#12 4,4'-DDE

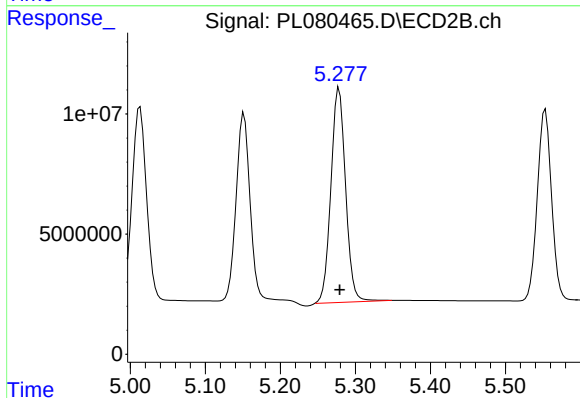
R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 99840696
Conc: 42.33 ng/ml



#13 Dieldrin

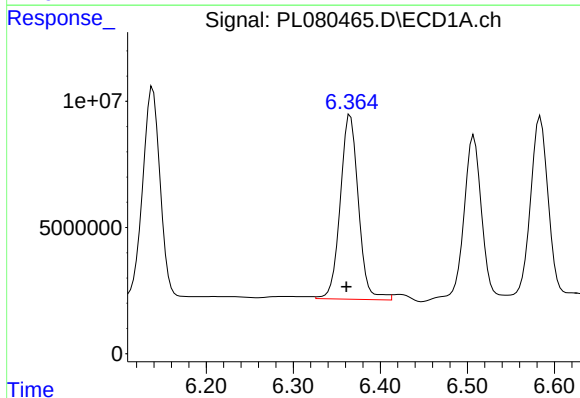
R.T.: 6.139 min
Delta R.T.: 0.005 min
Response: 113938114
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



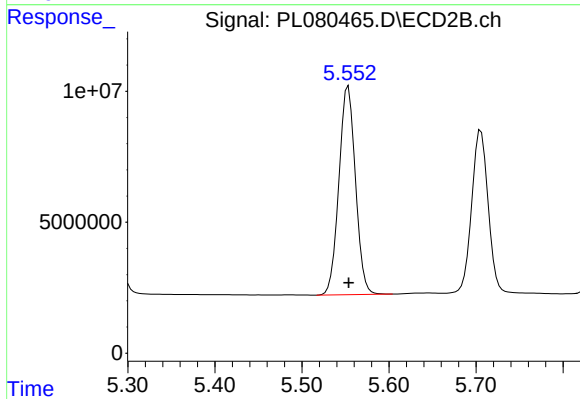
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 121631105
Conc: 44.97 ng/ml



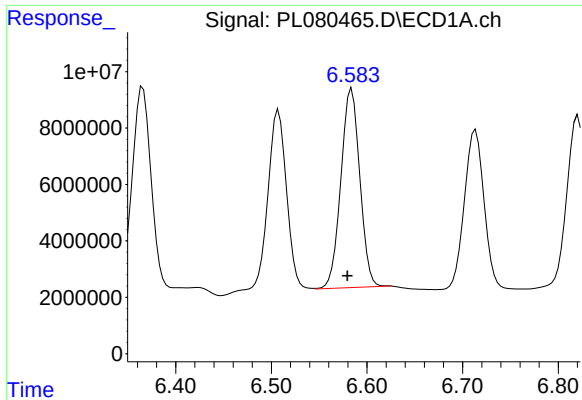
#14 Endrin

R.T.: 6.366 min
Delta R.T.: 0.004 min
Response: 106001399
Conc: 49.01 ng/ml



#14 Endrin

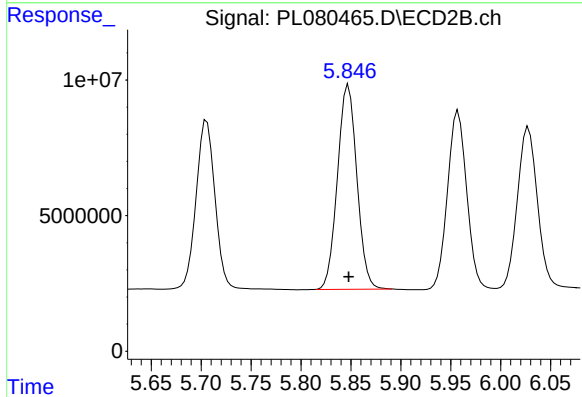
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 105011813
Conc: 45.24 ng/ml



#15 Endosulfan II

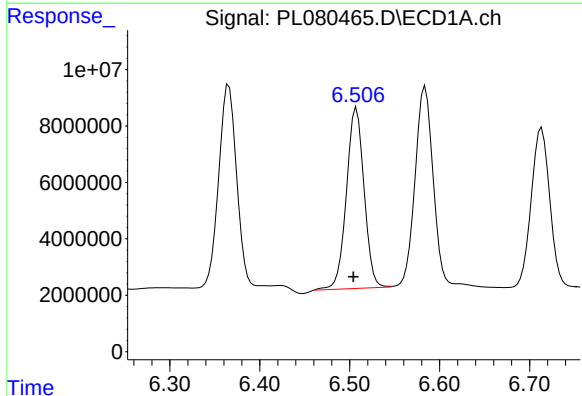
R.T.: 6.584 min
Delta R.T.: 0.004 min
Response: 97214890
Conc: 42.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



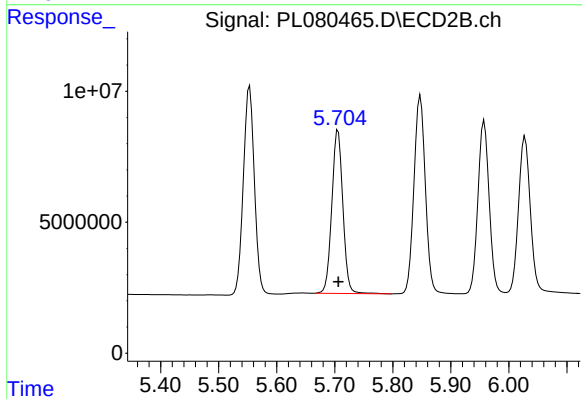
#15 Endosulfan II

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 102241024
Conc: 49.07 ng/ml



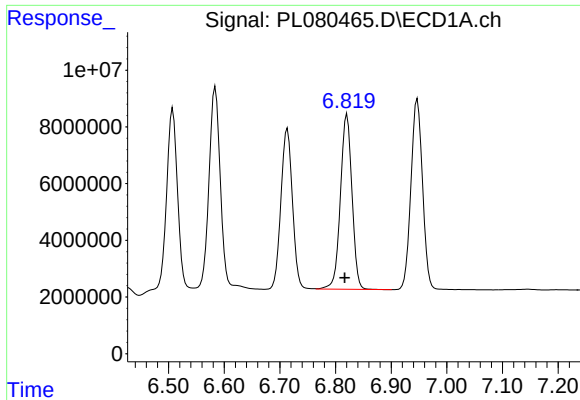
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.004 min
Response: 87150564
Conc: 47.57 ng/ml



#16 4,4'-DDD

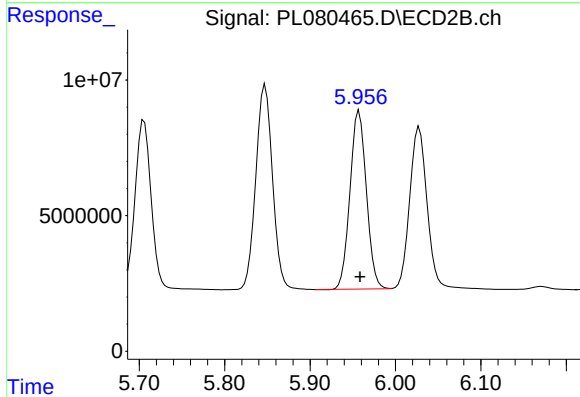
R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 82558629
Conc: 43.93 ng/ml



#17 4,4'-DDT

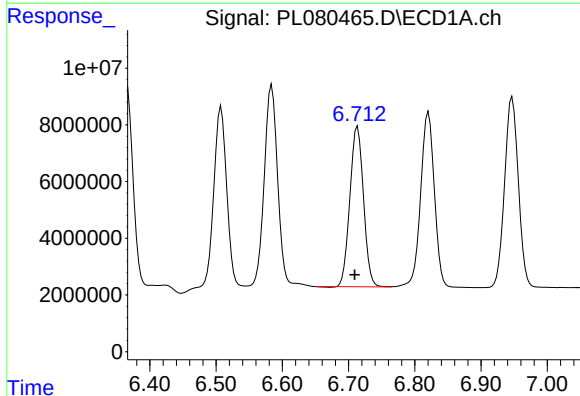
R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 89204865
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



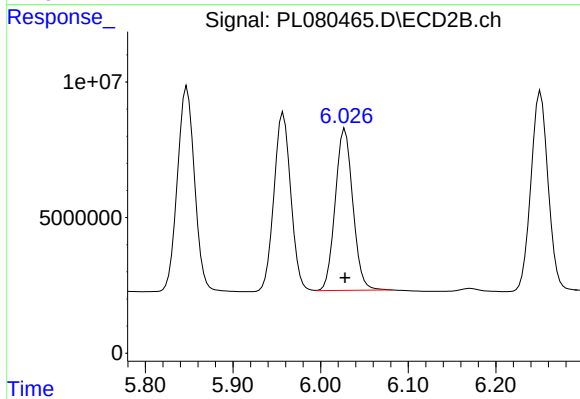
#17 4,4'-DDT

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 87664168
Conc: 41.72 ng/ml



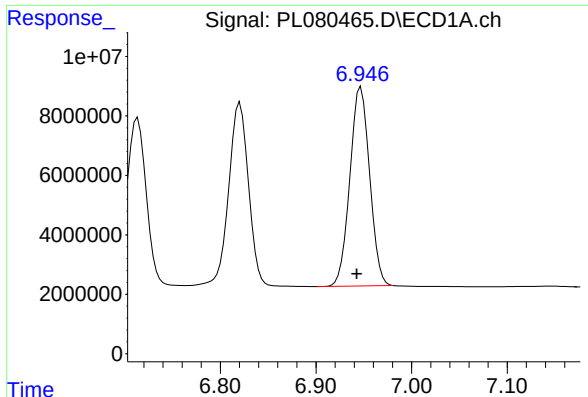
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 80812925
Conc: 48.58 ng/ml



#18 Endrin aldehyde

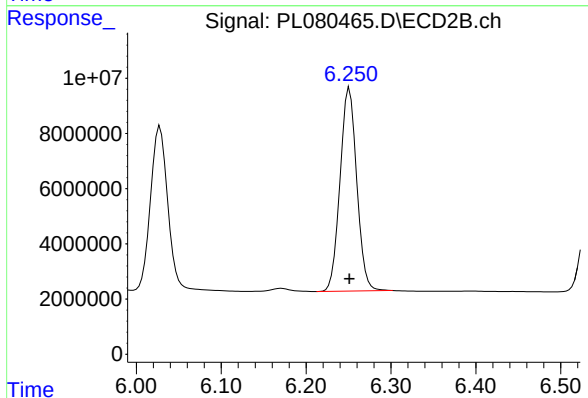
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 83380959
Conc: 45.66 ng/ml



#19 Endosulfan Sulfate

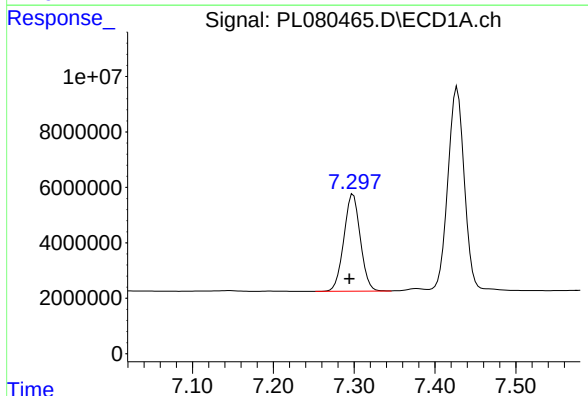
R.T.: 6.947 min
Delta R.T.: 0.005 min
Response: 96388760
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



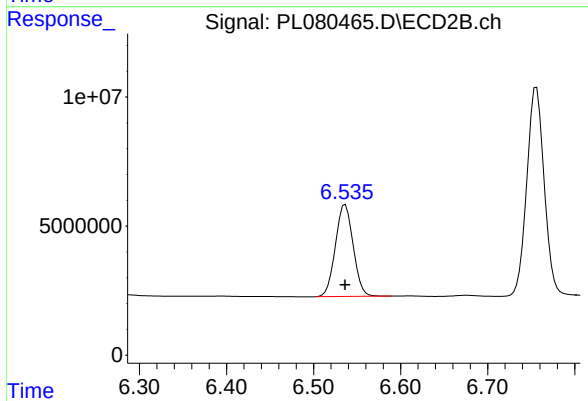
#19 Endosulfan Sulfate

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 100652998
Conc: 43.28 ng/ml



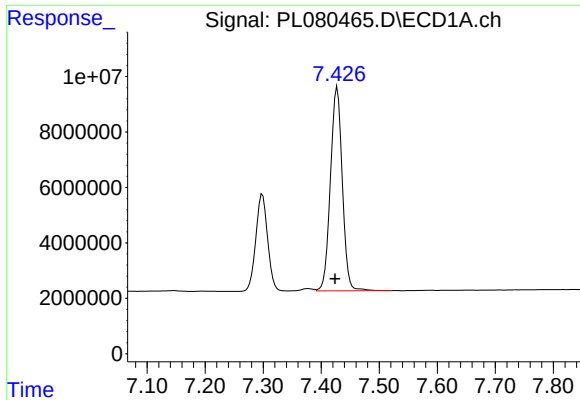
#20 Methoxychlor

R.T.: 7.299 min
Delta R.T.: 0.004 min
Response: 49586367
Conc: 44.94 ng/ml



#20 Methoxychlor

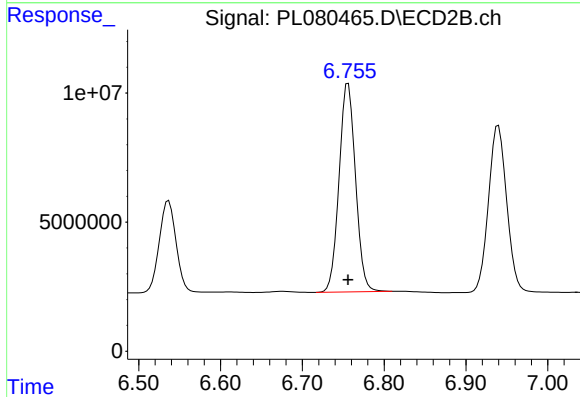
R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 50561960
Conc: 41.67 ng/ml



#21 Endrin ketone

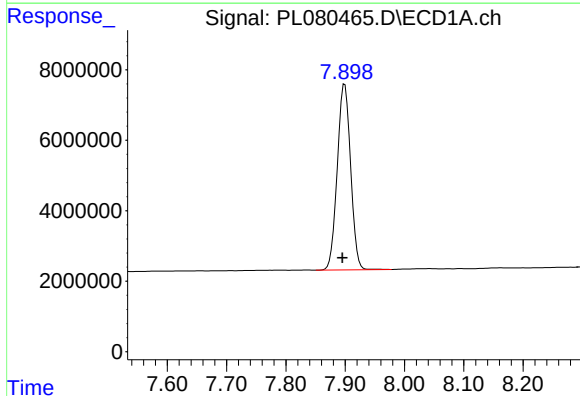
R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 104441165
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



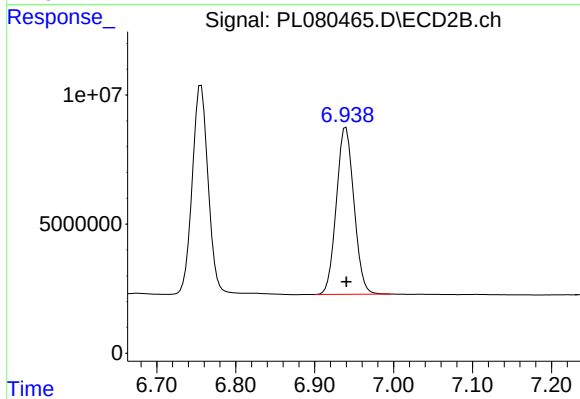
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 112488995
Conc: 44.06 ng/ml



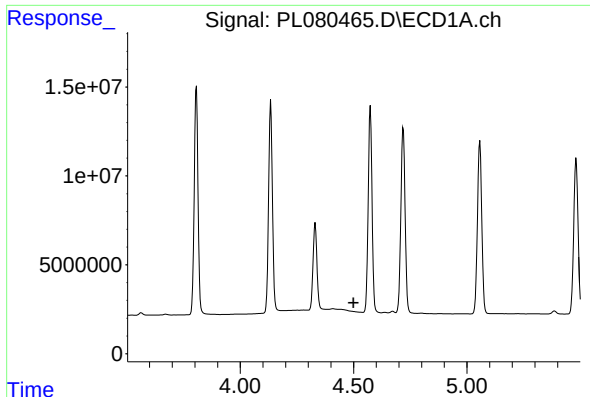
#22 Mirex

R.T.: 7.899 min
Delta R.T.: 0.004 min
Response: 82593264
Conc: 48.03 ng/ml



#22 Mirex

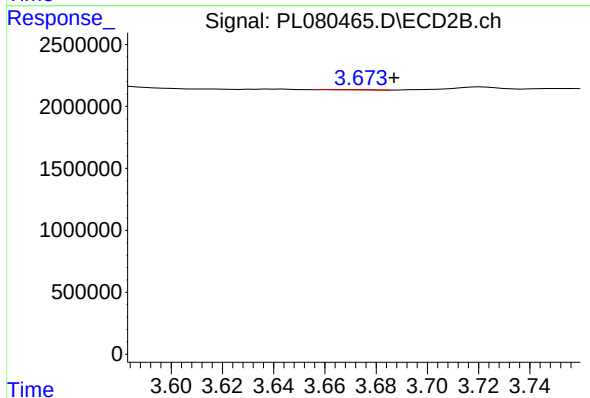
R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 100145626
Conc: 43.99 ng/ml



#23 Chlordane-1

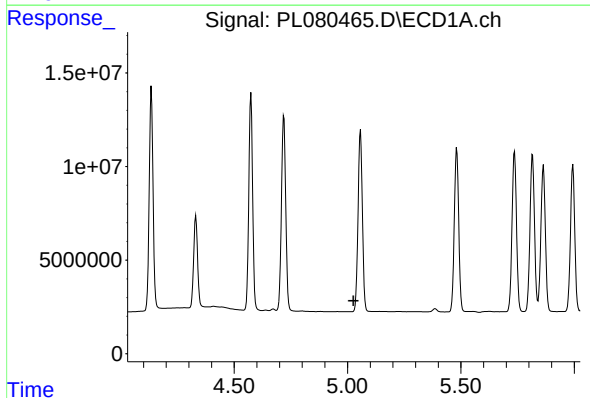
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



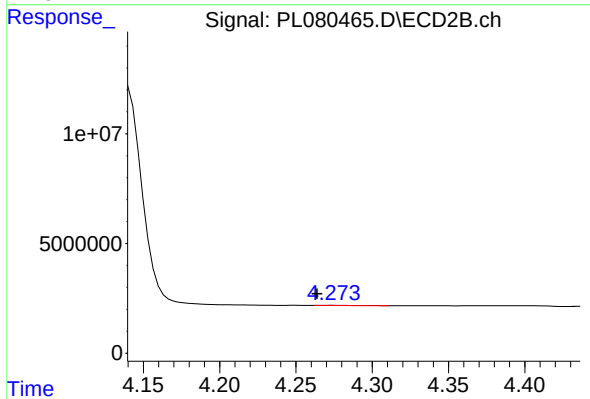
#23 Chlordane-1

R.T.: 3.662 min
Delta R.T.: -0.025 min
Response: 32671
Conc: 0.40 ng/ml



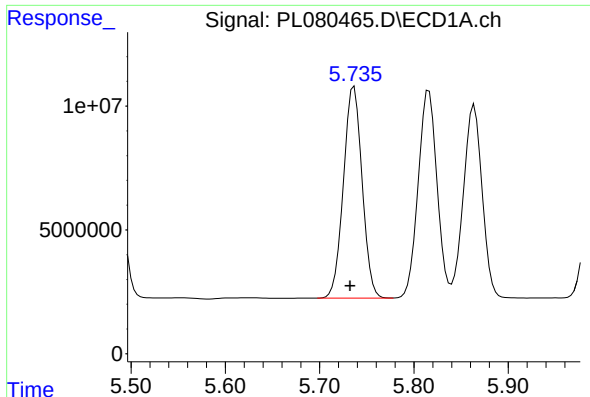
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.



#24 Chlordane-2

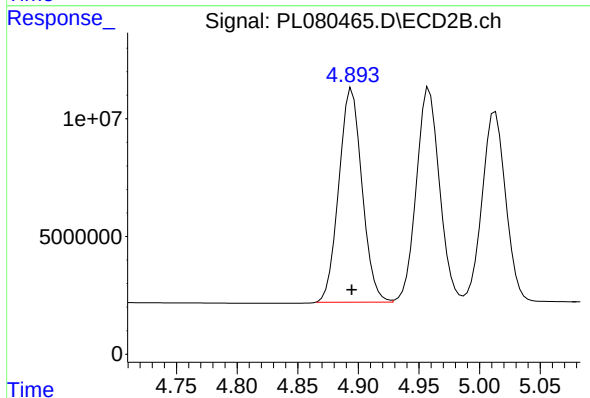
R.T.: 4.274 min
Delta R.T.: 0.010 min
Response: 197040
Conc: 2.19 ng/ml



#25 Chlordane-3

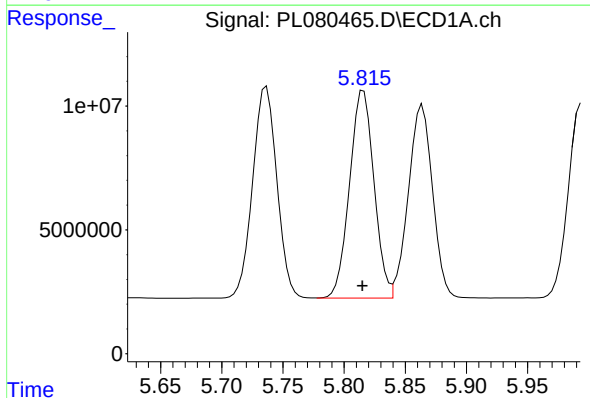
R.T.: 5.737 min
Delta R.T.: 0.004 min
Response: 117690433
Conc: 348.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



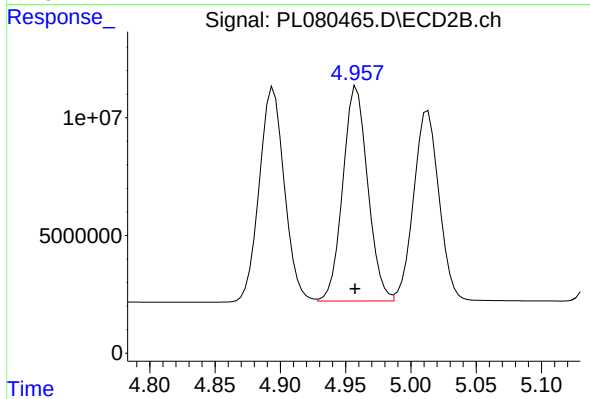
#25 Chlordane-3

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 120787267
Conc: 457.97 ng/ml



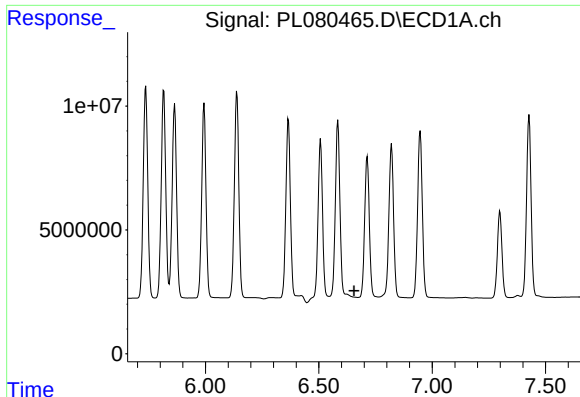
#26 Chlordane-4

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 116433379
Conc: 269.89 ng/ml



#26 Chlordane-4

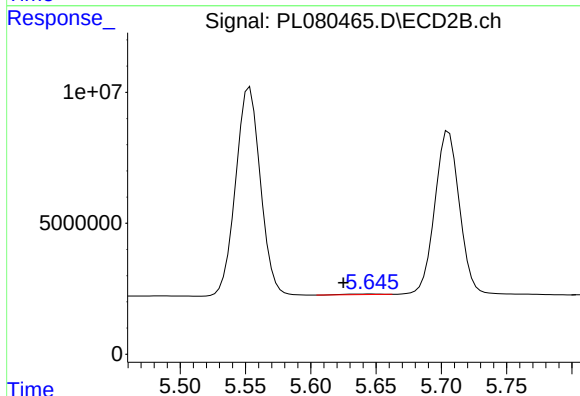
R.T.: 4.958 min
Delta R.T.: 0.001 min
Response: 121150081
Conc: 449.87 ng/ml



#27 Chlordane-5

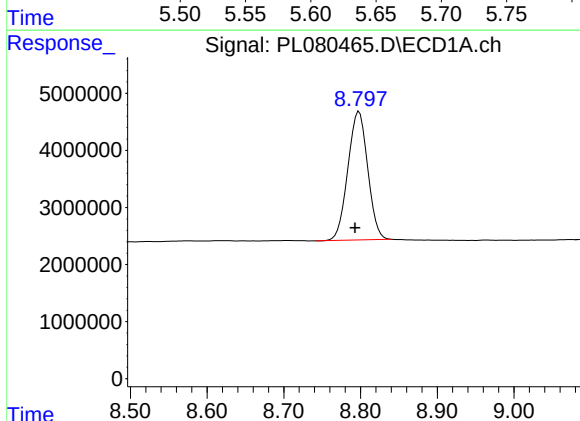
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



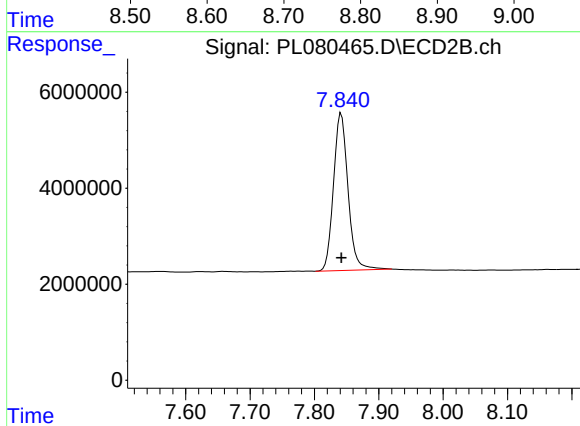
#27 Chlordane-5

R.T.: 5.646 min
Delta R.T.: 0.021 min
Response: 420317
Conc: 5.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.798 min
Delta R.T.: 0.005 min
Response: 40694875
Conc: 23.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.842 min
Delta R.T.: 0.000 min
Response: 51464430
Conc: 21.60 ng/ml