

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
 Data File : PL082885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2023 18:46
 Operator : AR\AJ
 Sample : 02747-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 21:48:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.318	2.637	47346268	41256163	16.110	15.892
28)	SA Decachlor...	8.734	7.743	34141942	40194026	16.279	16.165
Target Compounds							
2)	A alpha-BHC	3.767	3.134	181.4E6	147.3E6	40.866	39.476
3)	MA gamma-BHC...	4.095	3.461	175.7E6	145.0E6	42.399	43.495
4)	MA Heptachlor	4.673	3.792	158.6E6	143.6E6	41.501	39.230
5)	MB Aldrin	5.009	4.068	153.9E6	138.1E6	43.753	42.431
6)	B beta-BHC	4.299	3.761	75986645	59139804	40.360	41.354
7)	B delta-BHC	4.540	3.987	163.0E6	131.9E6	47.401	40.269
8)	B Heptachlo...	5.436	4.569	137.2E6	125.7E6	42.897	42.345
9)	A Endosulfan I	5.816	4.936	125.5E6	114.6E6	41.813	41.004
10)	B gamma-Chl...	5.690	4.817	138.3E6	124.2E6	43.537	41.368
11)	B alpha-Chl...	5.768	4.880	135.6E6	125.7E6	42.257	41.866
12)	B 4,4'-DDE	5.947	5.070	118.1E6	106.4E6	42.849	43.801
13)	MA Dieldrin	6.090	5.200	130.2E6	122.5E6	43.287	43.381
14)	MA Endrin	6.318	5.474	110.8E6	107.9E6	41.219	42.512
15)	B Endosulfa...	6.540	5.770	106.7E6	107.1E6	39.444	43.287
16)	A 4,4'-DDD	6.462	5.625	97134792	87157106	44.700	45.318
17)	MA 4,4'-DDT	6.773	5.873	100.7E6	94809960	40.219	42.496
18)	B Endrin al...	6.670	5.950	91502473	89273016	45.509	45.145
19)	B Endosulfa...	6.905	6.173	108.0E6	102.5E6	42.132	41.873
20)	A Methoxychlor	7.254	6.452	55976193	54100689	42.330	42.540
21)	B Endrin ke...	7.384	6.677	114.6E6	118.1E6	44.935	43.671
22)	Mirex	7.848	6.848	86054763	98110679	41.056	41.931
23)	Chlordane-1	0.000	3.640f	0	545805	N.D.	6.615 #
24)	Chlordane-2	5.009f	4.209f	153.9E6	164845	1397.326	1.852 #
25)	Chlordane-3	5.690	4.817	138.3E6	124.2E6	333.369	466.201 #
26)	Chlordane-4	5.768	4.880	135.6E6	125.7E6	267.819	446.067 #
27)	Chlordane-5	0.000	5.770	0	107.1E6	N.D.	1102.458 #

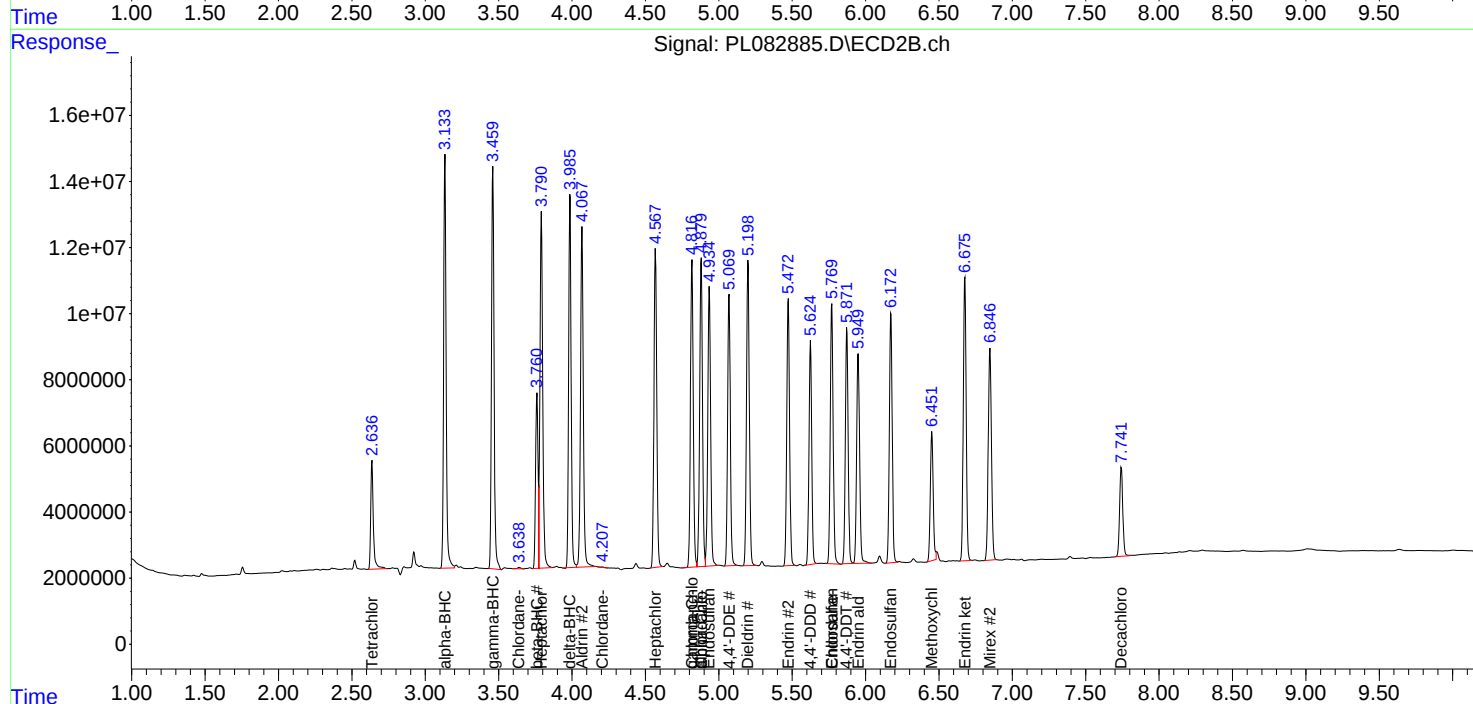
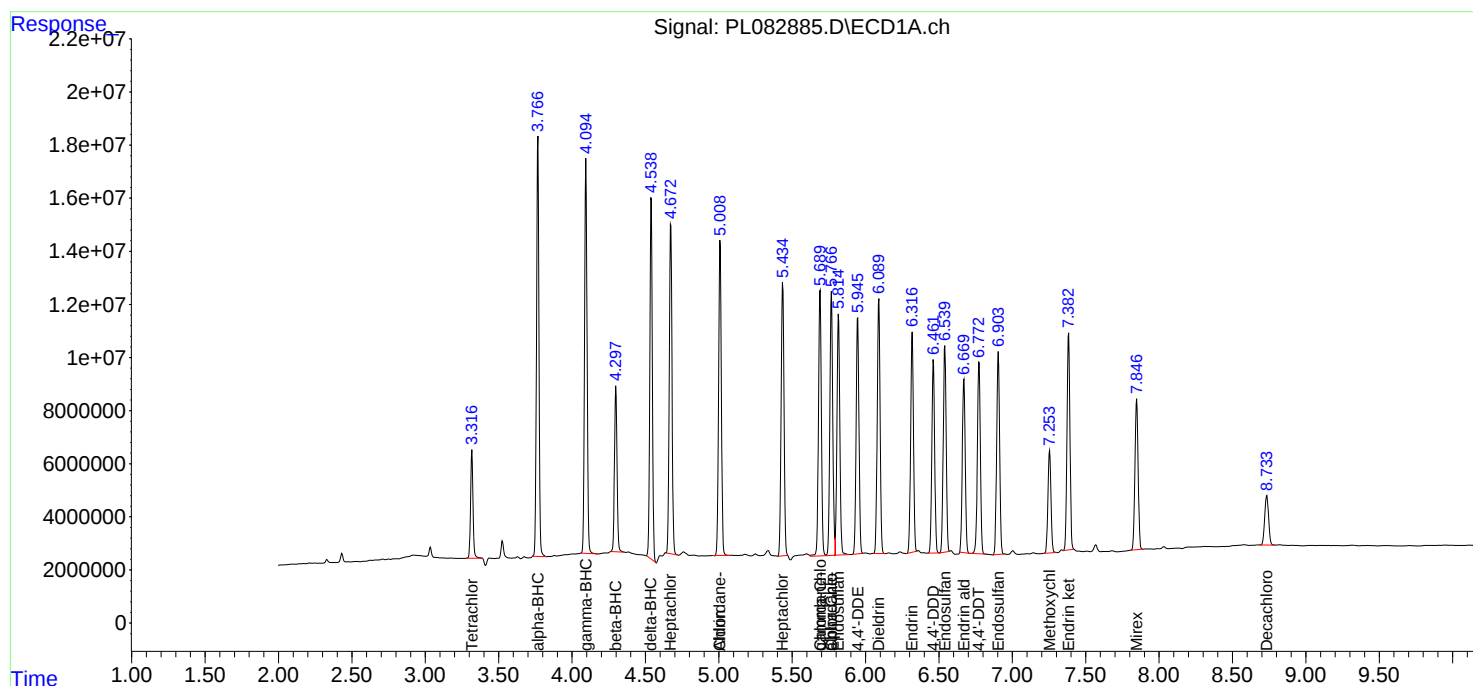
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

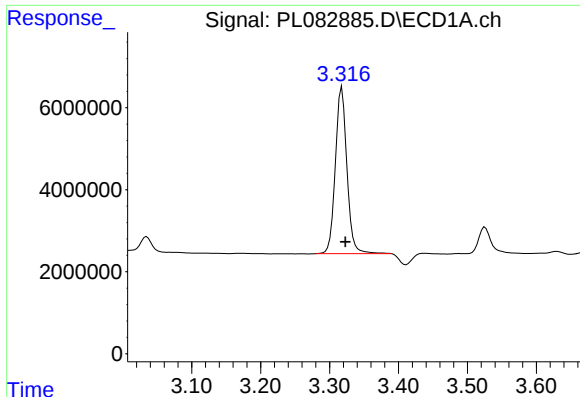
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
Data File : PL082885.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

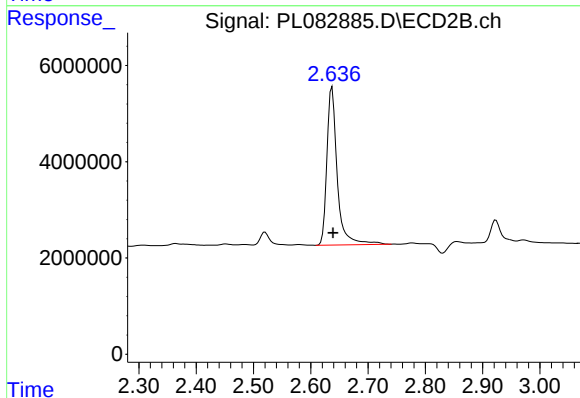




#1 Tetrachloro-m-xylene

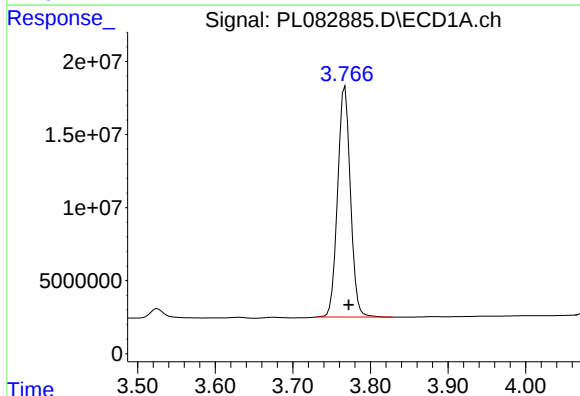
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 47346268
Conc: 16.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



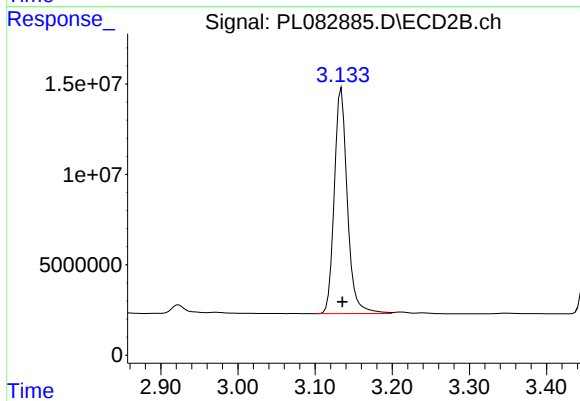
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 41256163
Conc: 15.89 ng/ml



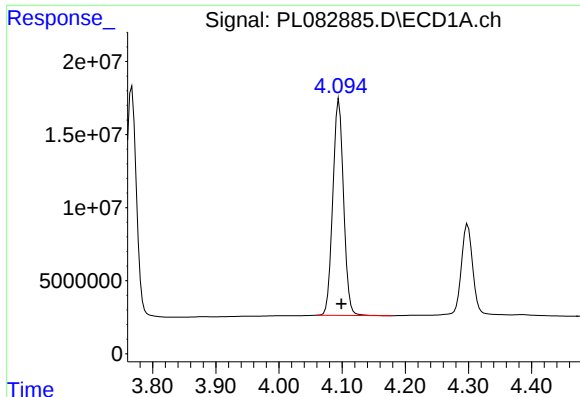
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 181414422
Conc: 40.87 ng/ml



#2 alpha-BHC

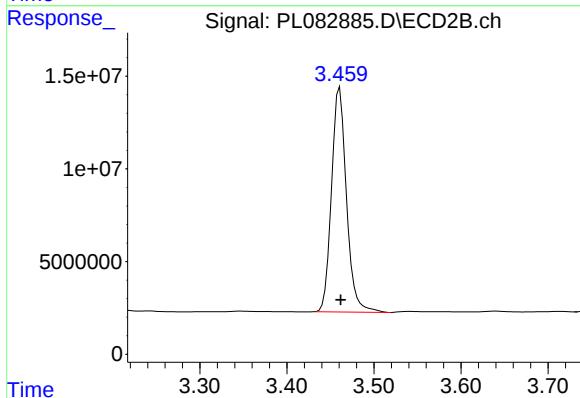
R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 147300935
Conc: 39.48 ng/ml



#3 gamma-BHC (Lindane)

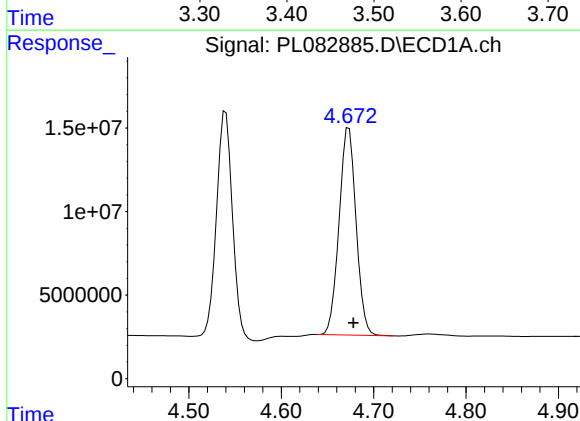
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 175656821
Conc: 42.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



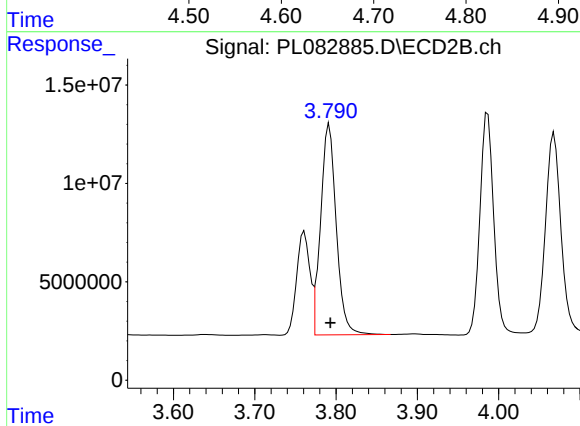
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.001 min
Response: 144981051
Conc: 43.49 ng/ml



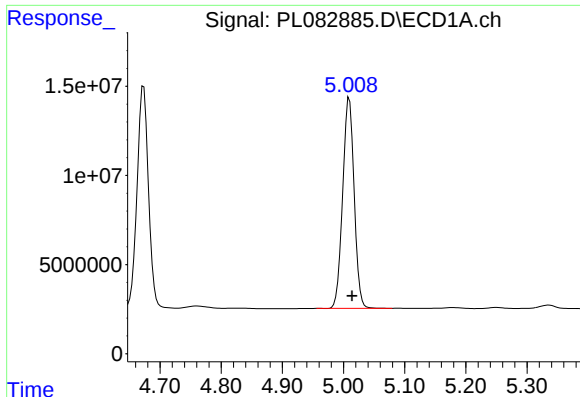
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.005 min
Response: 158637666
Conc: 41.50 ng/ml



#4 Heptachlor

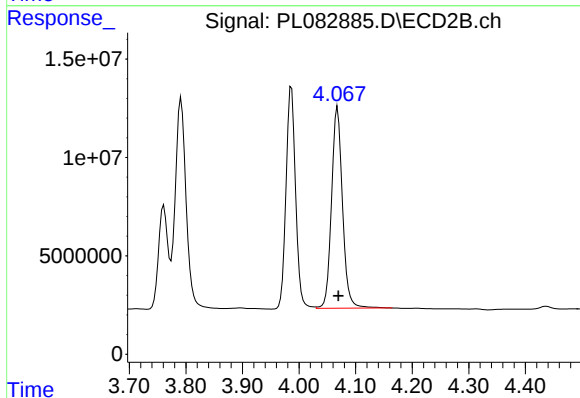
R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 143623412
Conc: 39.23 ng/ml



#5 Aldrin

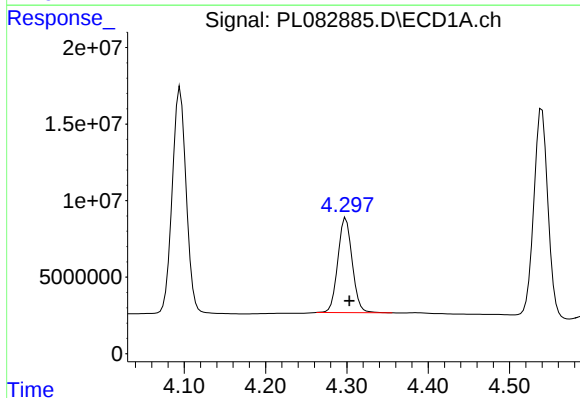
R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 153926839
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



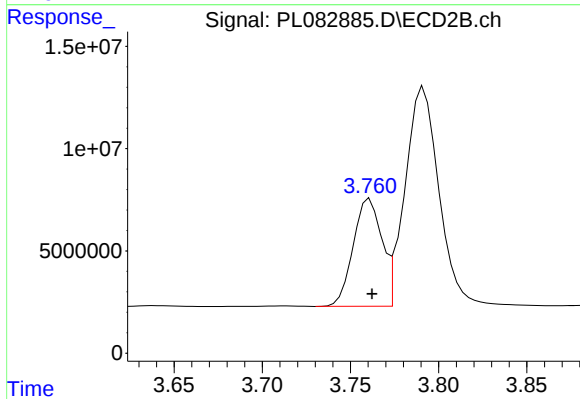
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 138055440
Conc: 42.43 ng/ml



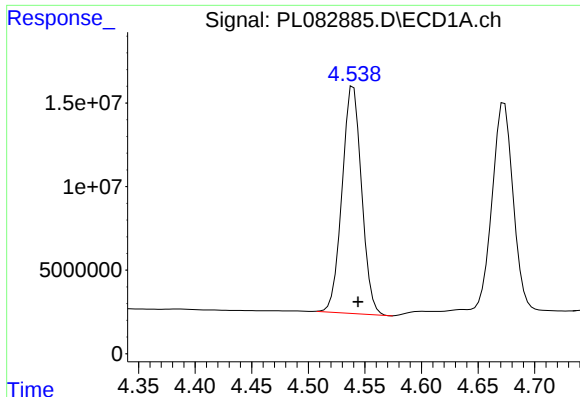
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 75986645
Conc: 40.36 ng/ml



#6 beta-BHC

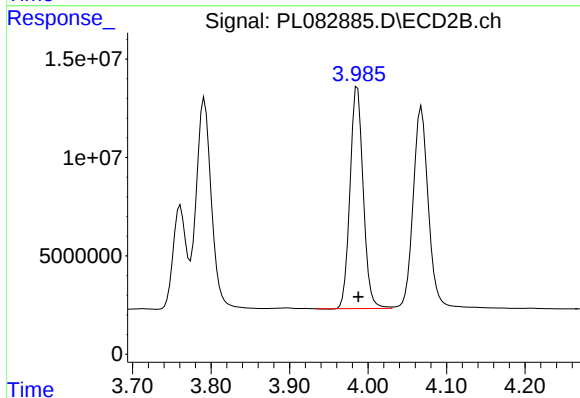
R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 59139804
Conc: 41.35 ng/ml



#7 delta-BHC

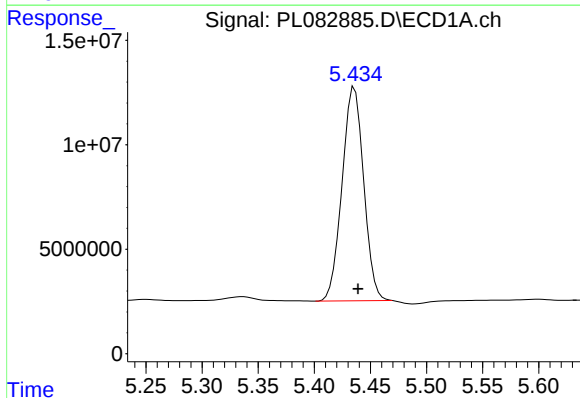
R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 163005951
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



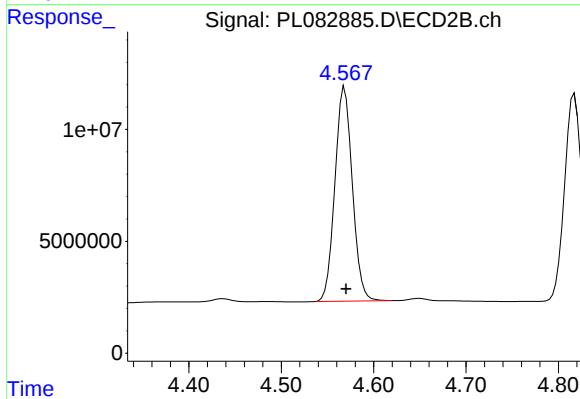
#7 delta-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 131939840
Conc: 40.27 ng/ml



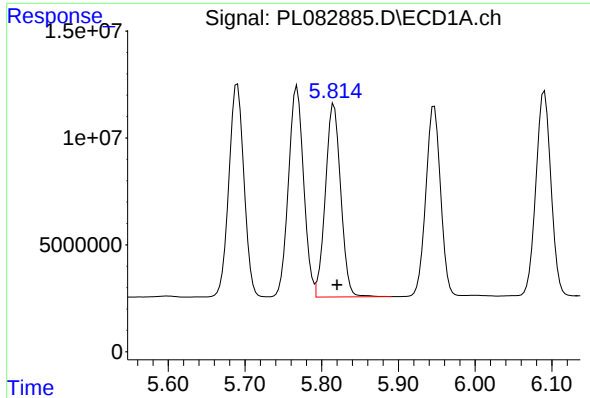
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 137216062
Conc: 42.90 ng/ml



#8 Heptachlor epoxide

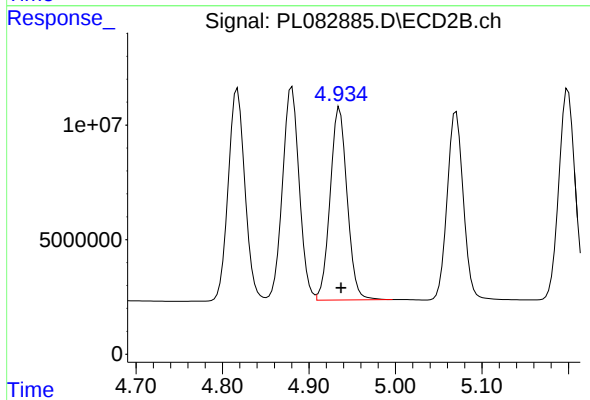
R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 125674169
Conc: 42.34 ng/ml



#9 Endosulfan I

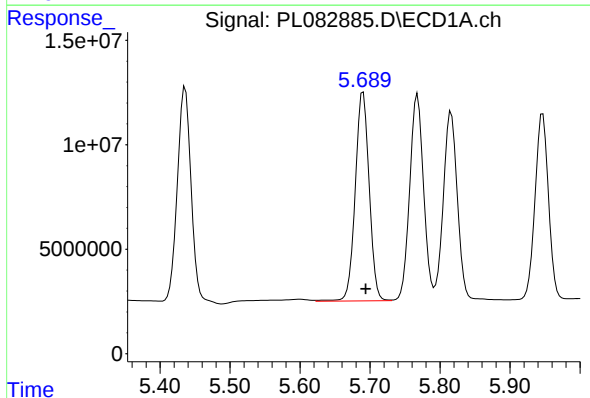
R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 125462821
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



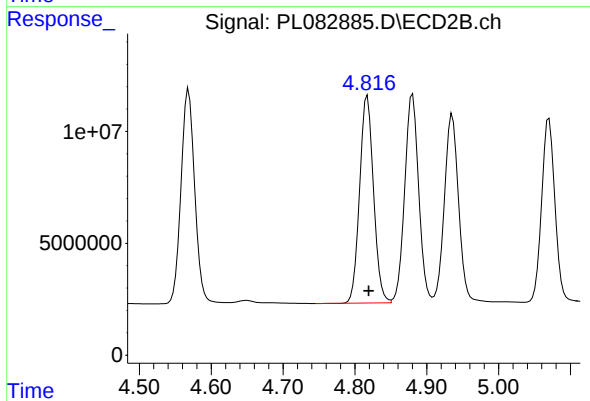
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 114581445
Conc: 41.00 ng/ml



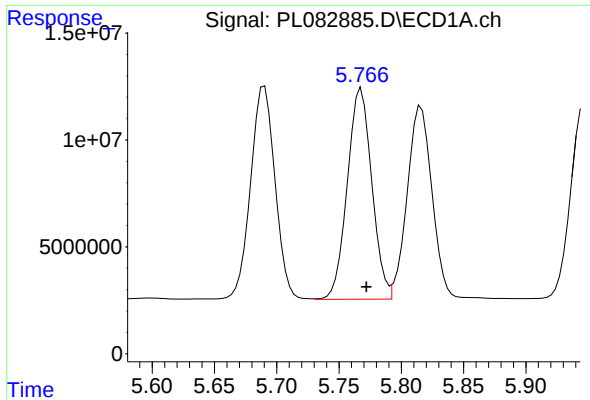
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 138315823
Conc: 43.54 ng/ml



#10 gamma-Chlordane

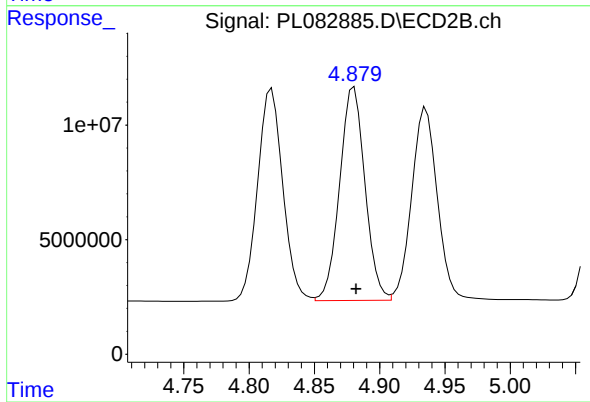
R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 124244796
Conc: 41.37 ng/ml



#11 alpha-Chlordane

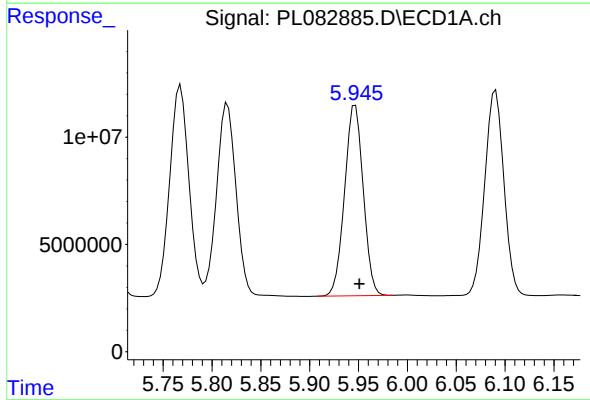
R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 135617283
Conc: 42.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



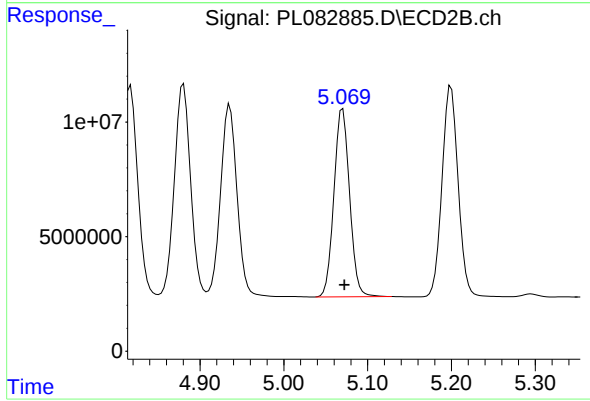
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.001 min
Response: 125679978
Conc: 41.87 ng/ml



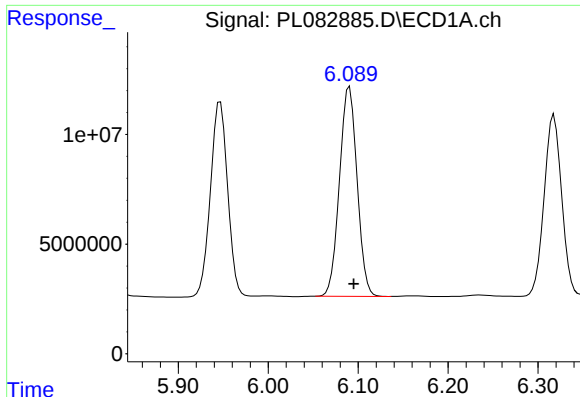
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 118113234
Conc: 42.85 ng/ml



#12 4,4'-DDE

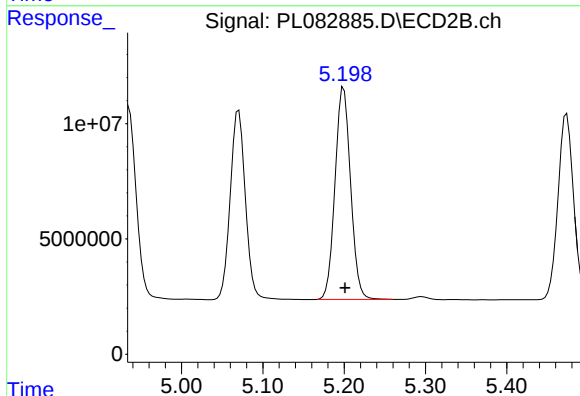
R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 106382650
Conc: 43.80 ng/ml



#13 Dieldrin

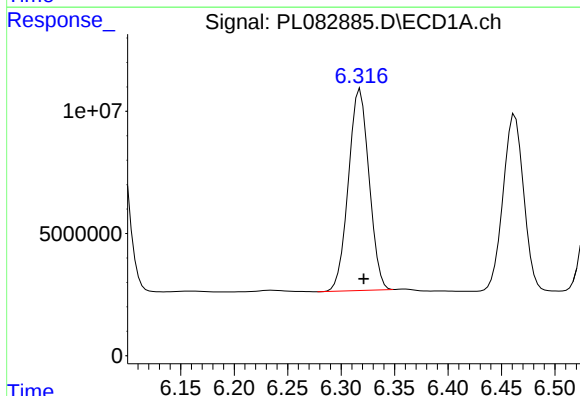
R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 130201978
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



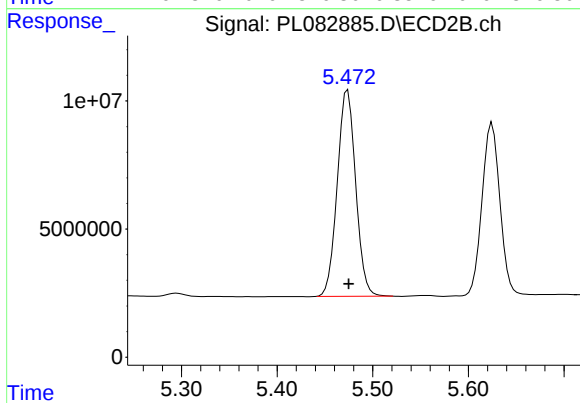
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 122459851
Conc: 43.38 ng/ml



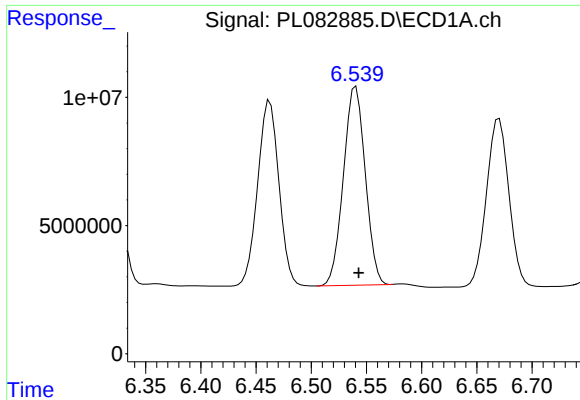
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 110764517
Conc: 41.22 ng/ml



#14 Endrin

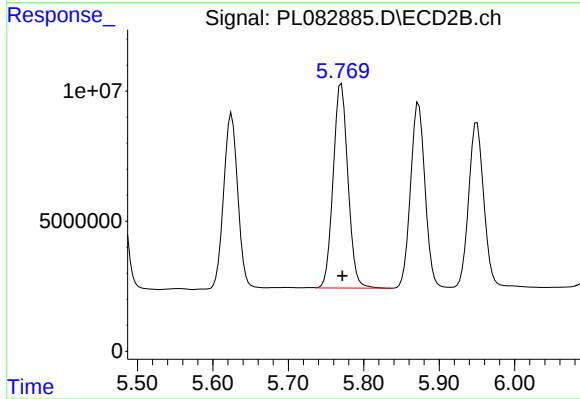
R.T.: 5.474 min
Delta R.T.: -0.001 min
Response: 107850104
Conc: 42.51 ng/ml



#15 Endosulfan II

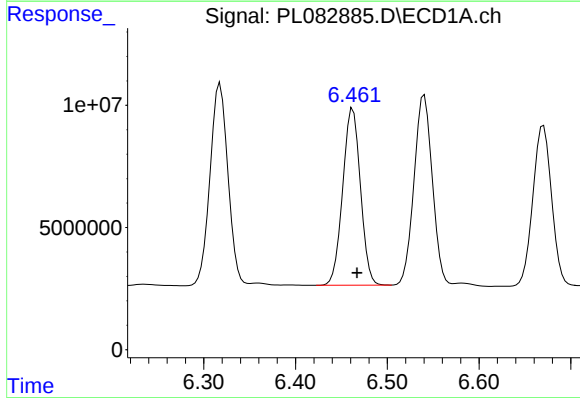
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 106685887
Conc: 39.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



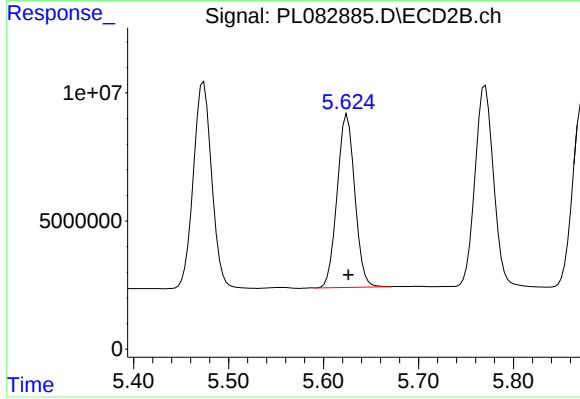
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 107099637
Conc: 43.29 ng/ml



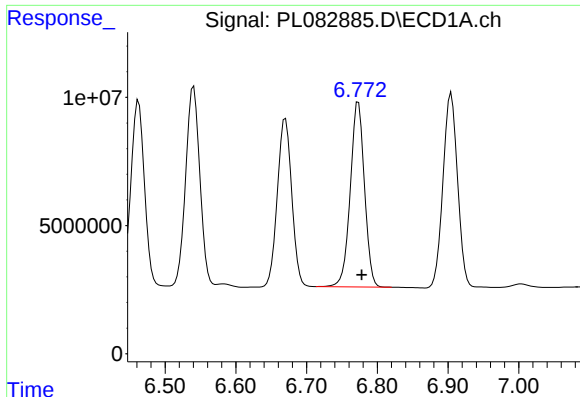
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 97134792
Conc: 44.70 ng/ml



#16 4,4'-DDD

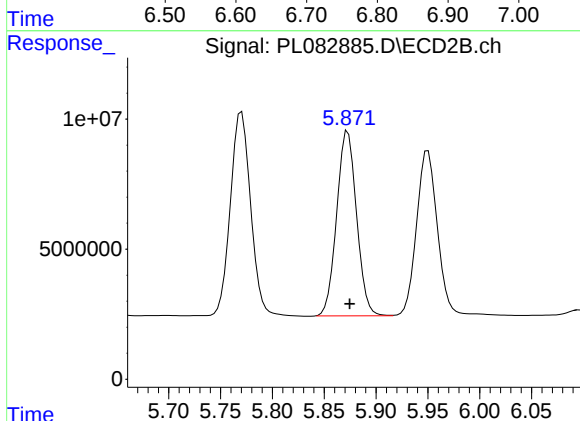
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 87157106
Conc: 45.32 ng/ml



#17 4,4'-DDT

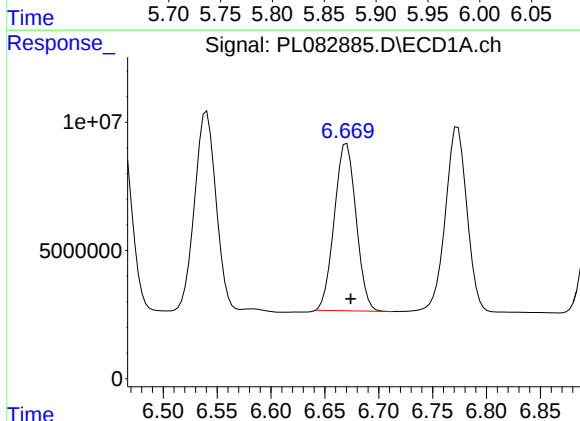
R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 100676095
Conc: 40.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



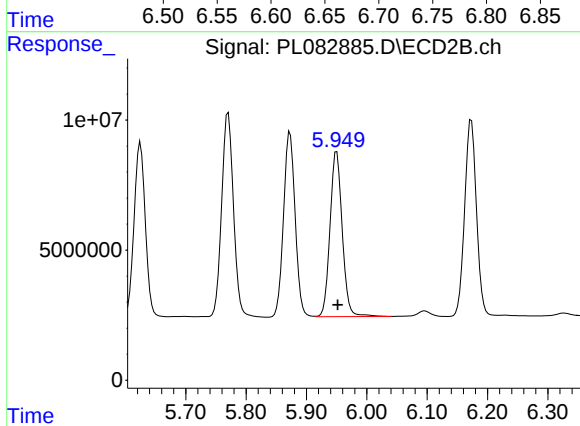
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 94809960
Conc: 42.50 ng/ml



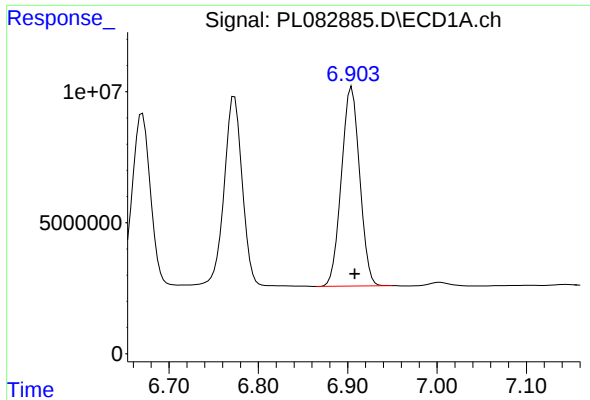
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 91502473
Conc: 45.51 ng/ml



#18 Endrin aldehyde

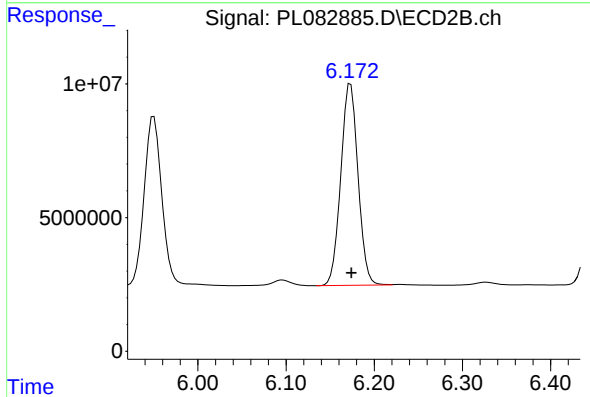
R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 89273016
Conc: 45.15 ng/ml



#19 Endosulfan Sulfate

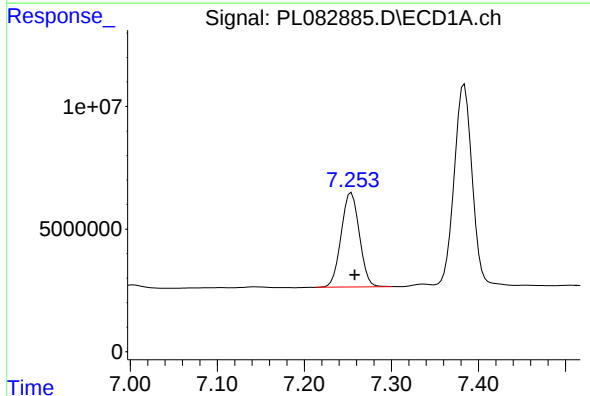
R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 108014565
Conc: 42.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



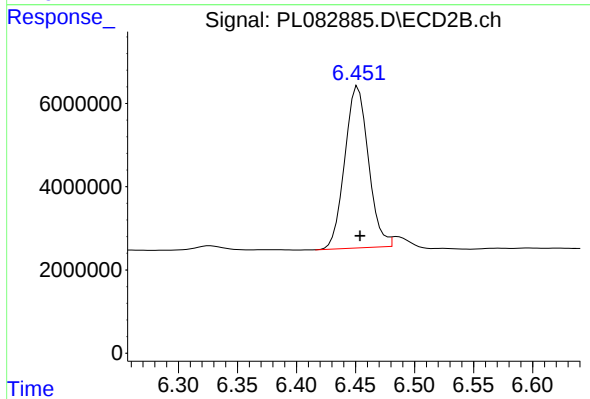
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 102545279
Conc: 41.87 ng/ml



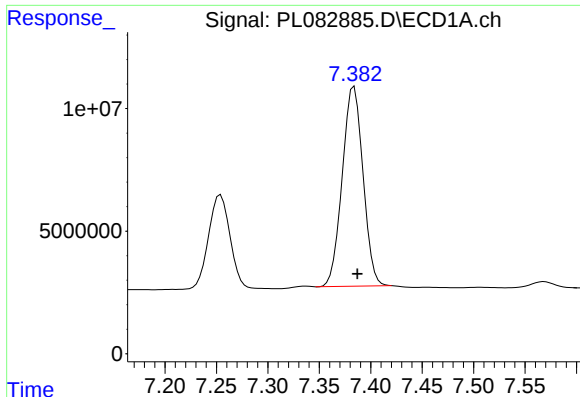
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 55976193
Conc: 42.33 ng/ml



#20 Methoxychlor

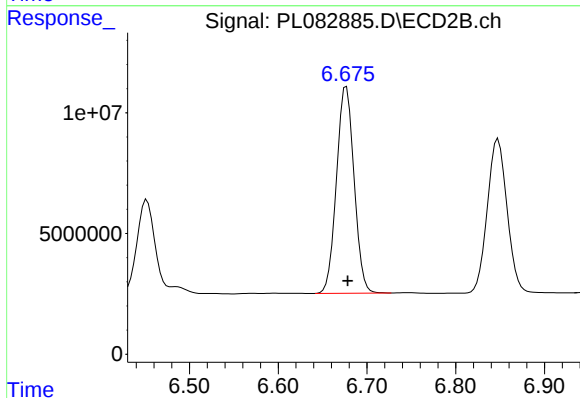
R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 54100689
Conc: 42.54 ng/ml



#21 Endrin ketone

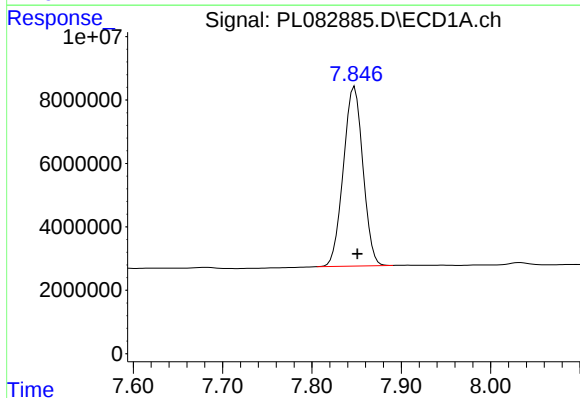
R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 114620992
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



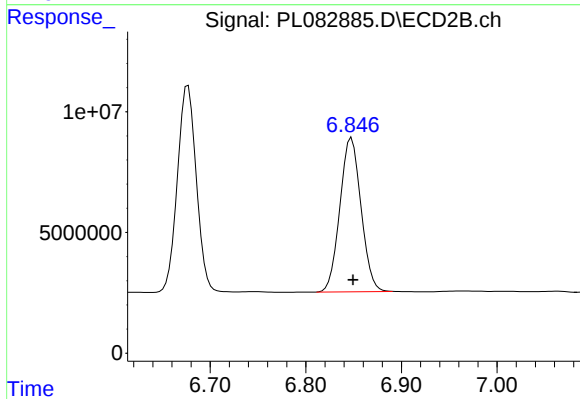
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 118080689
Conc: 43.67 ng/ml



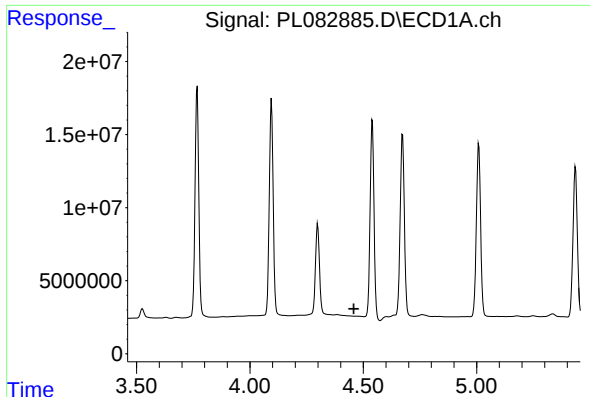
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.003 min
Response: 86054763
Conc: 41.06 ng/ml



#22 Mirex

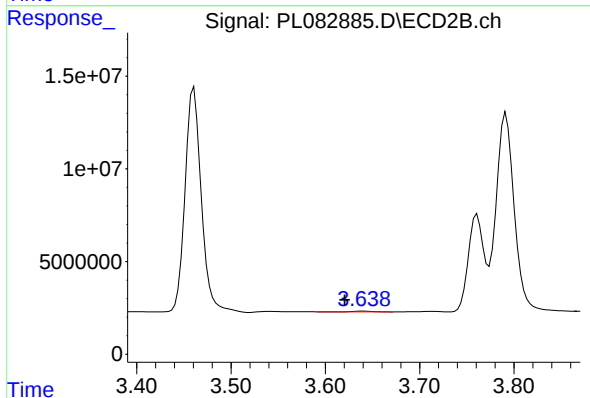
R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 98110679
Conc: 41.93 ng/ml



#23 Chlordane-1

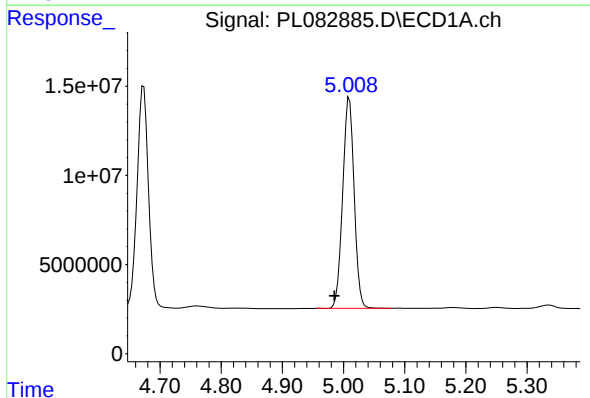
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



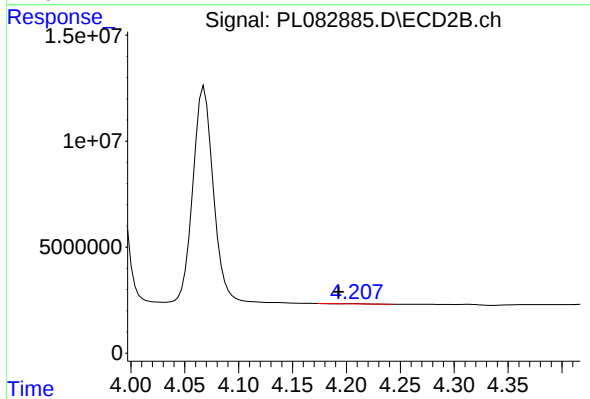
#23 Chlordane-1

R.T.: 3.640 min
Delta R.T.: 0.019 min
Response: 545805
Conc: 6.61 ng/ml



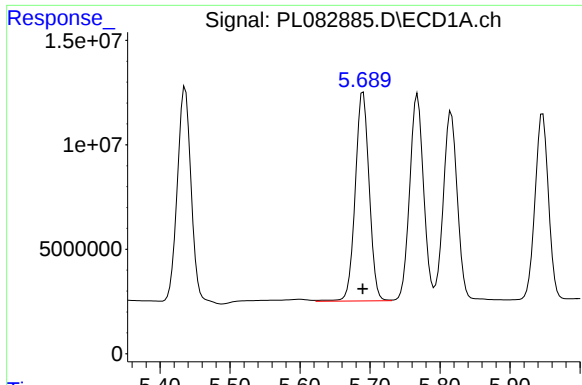
#24 Chlordane-2

R.T.: 5.009 min
Delta R.T.: 0.024 min
Response: 153926839
Conc: 1397.33 ng/ml



#24 Chlordane-2

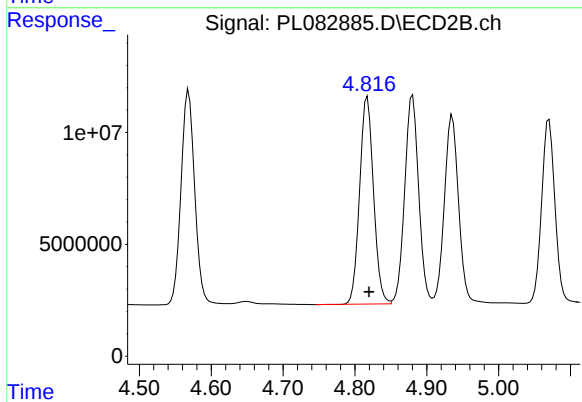
R.T.: 4.209 min
Delta R.T.: 0.016 min
Response: 164845
Conc: 1.85 ng/ml



#25 Chlordane-3

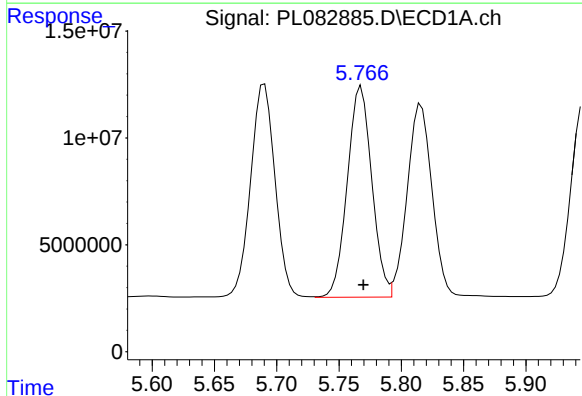
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 138315823
Conc: 333.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



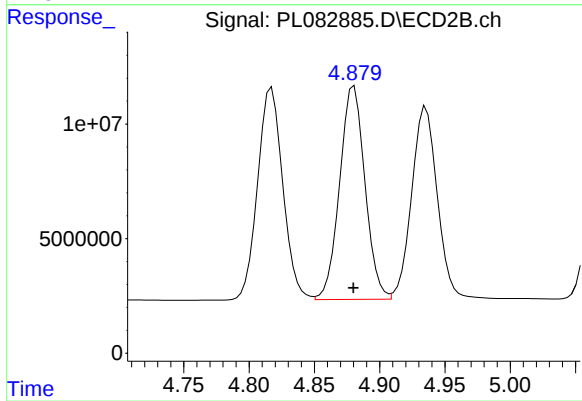
#25 Chlordane-3

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 124244796
Conc: 466.20 ng/ml



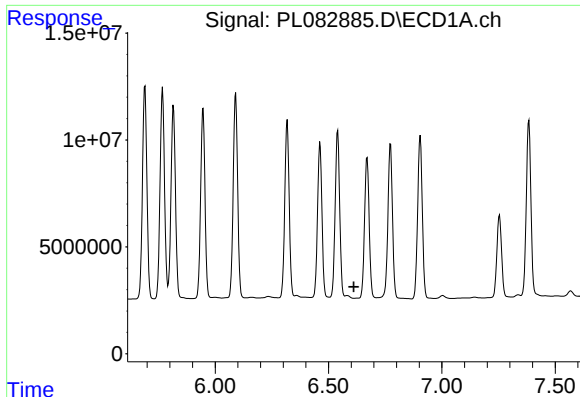
#26 Chlordane-4

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 135617283
Conc: 267.82 ng/ml



#26 Chlordane-4

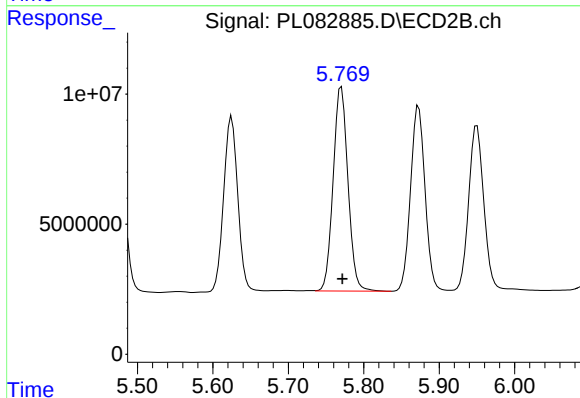
R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 125679978
Conc: 446.07 ng/ml



#27 Chlordane-5

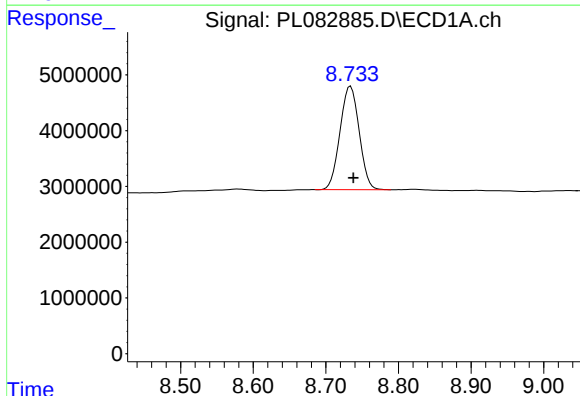
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



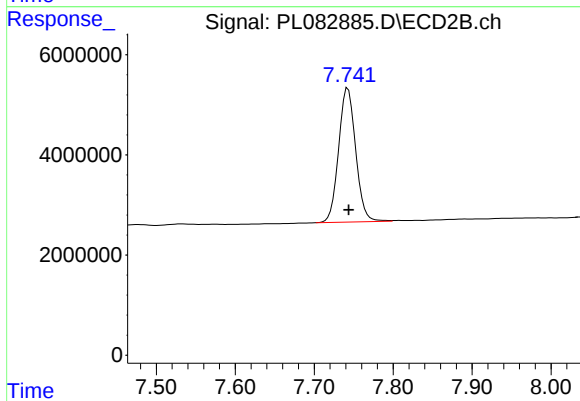
#27 Chlordane-5

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 107099637
Conc: 1102.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.004 min
Response: 34141942
Conc: 16.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 40194026
Conc: 16.16 ng/ml