

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011023\
 Data File : PL080210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 15:08
 Operator : AR\AJ
 Sample : 01072-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 H-5-MIDDLE(4-8)MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:41:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.371	2.692	38734968	37800791	19.473	16.624
28)	SA Decachlor...	8.888	7.843	32620657	42252318	19.013	18.702
Target Compounds							
2)	A alpha-BHC	3.823	3.194	141.4E6	126.9E6	49.482	37.891
3)	MA gamma-BHC...	4.154	3.522	116.0E6	123.0E6	59.015	40.094 #
4)	MA Heptachlor	4.743	3.864	94321410	125.6E6	42.417	40.467
5)	MB Aldrin	5.083	4.143	96101222	124.8E6	48.430	42.280
6)	B beta-BHC	4.352	3.818	41506624	50511043	45.344	37.649
7)	B delta-BHC	4.597	4.048	85247773	118.8E6	42.441	40.402
8)	B Heptachlo...	5.513	4.646	83244224	112.2E6	45.750	40.969
9)	A Endosulfan I	5.898	5.016	79585064	104.9E6	46.379	40.508
10)	B gamma-Chl...	5.770	4.897	84888974	116.7E6	47.053	41.827
11)	B alpha-Chl...	5.850	4.961	84556227	116.0E6	47.019	41.523
12)	B 4,4'-DDE	6.034	5.154	74518248	97133261	47.339	41.863
13)	MA Dieldrin	6.175	5.281	82134167	111.3E6	47.982	42.540
14)	MA Endrin	6.405	5.555	67462979	116.8E6	43.990	51.921
15)	B Endosulfa...	6.626	5.850	40700313	98899575	26.450	45.552 #
16)	A 4,4'-DDD	6.555	5.708	63741129	73103225	48.433	39.615
17)	MA 4,4'-DDT	6.872	5.960	66604271	86034640	44.552	42.252
18)	B Endrin al...	6.759	6.030	59783230	80876991	49.196	46.062
19)	B Endosulfa...	6.996	6.253	73098780	94806964	44.698	42.672
20)	A Methoxychlor	7.365	6.538	41774195	50699998	46.976	44.238
21)	B Endrin ke...	7.481	6.757	80972892	103.3E6	45.497	42.403
22)	Mirex	7.957	6.942	72793671	93926158	46.947	45.505
23)	Chlordane-1	0.000	3.707	0	819519	N.D.	10.527 #
24)	Chlordane-2	5.034f	4.279	359682	247832	4.979	2.848 #
25)	Chlordane-3	5.770	4.897	84888974	116.7E6	339.338	446.259 #
26)	Chlordane-4	5.850	4.961	84556227	116.0E6	273.717	440.799 #
27)	Chlordane-5	6.688	0.000	3512441	0	54.914	N.D. #

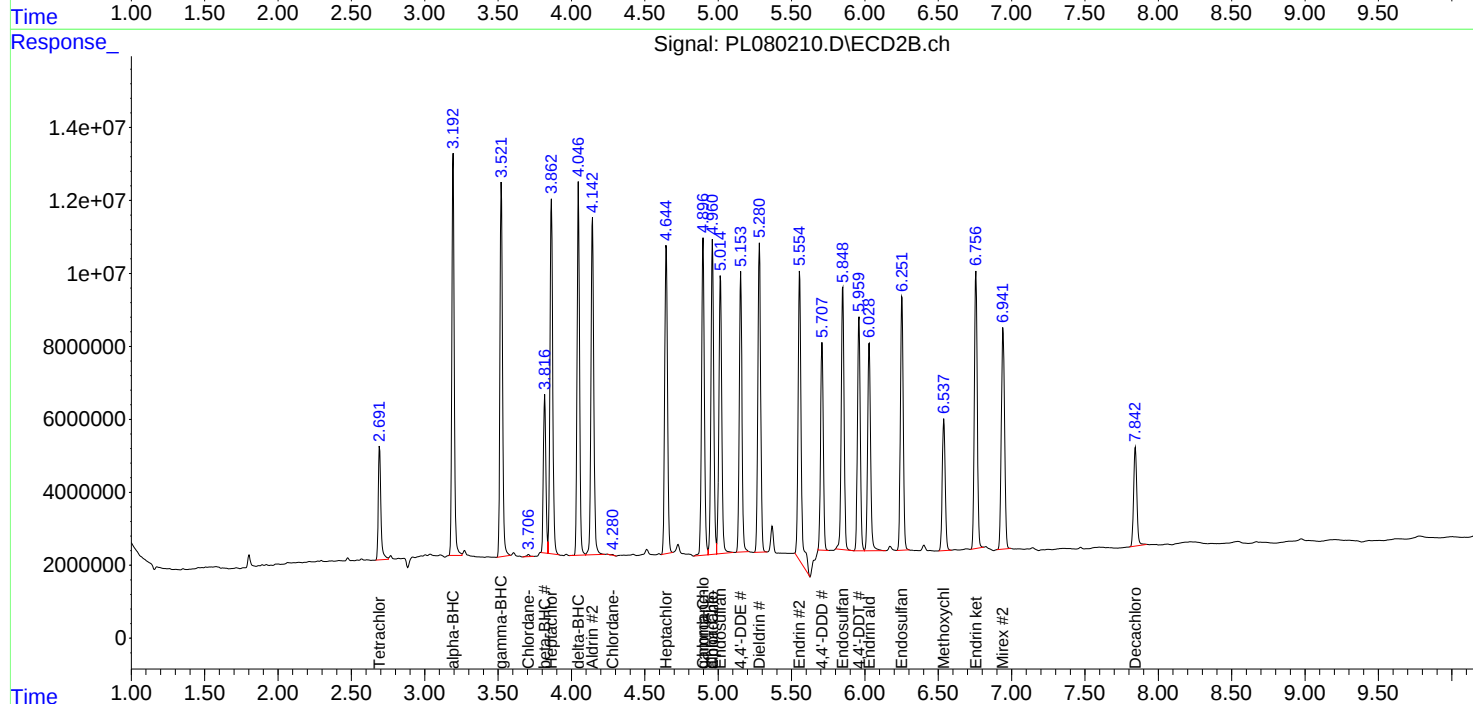
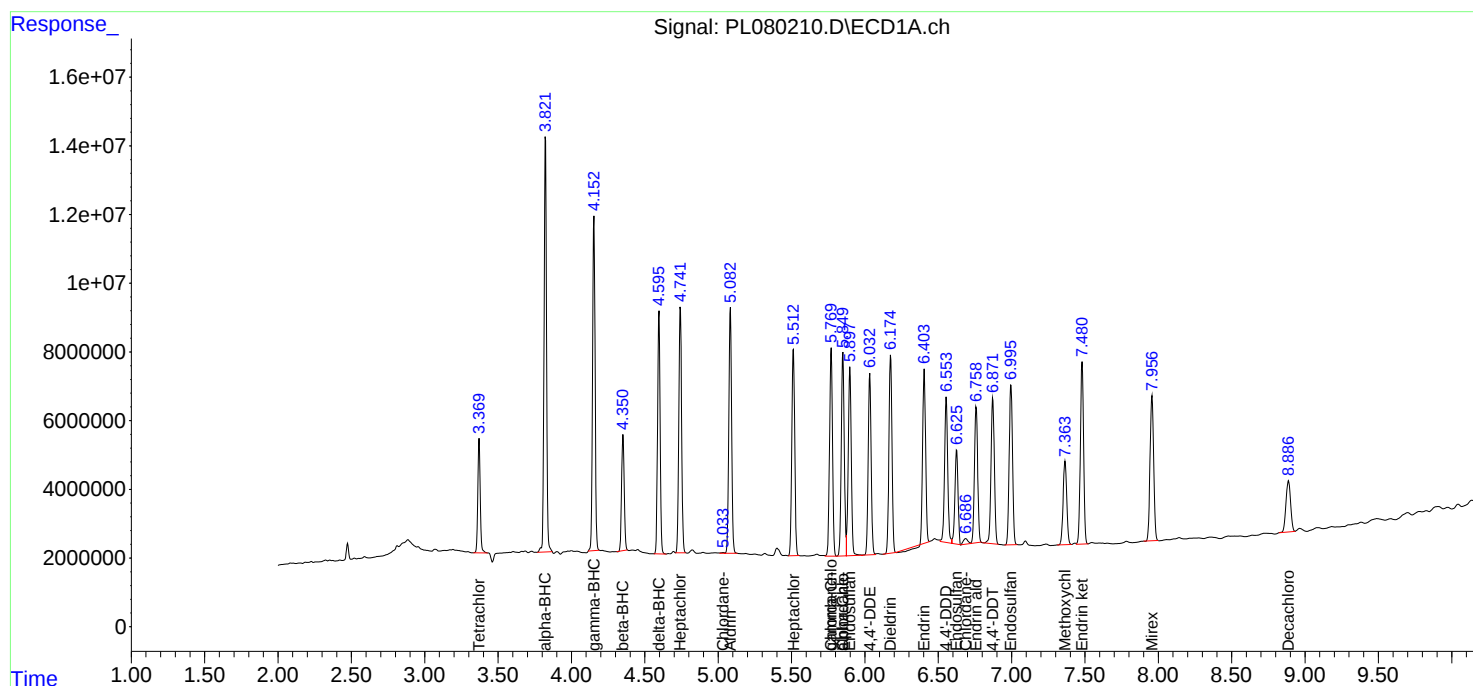
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

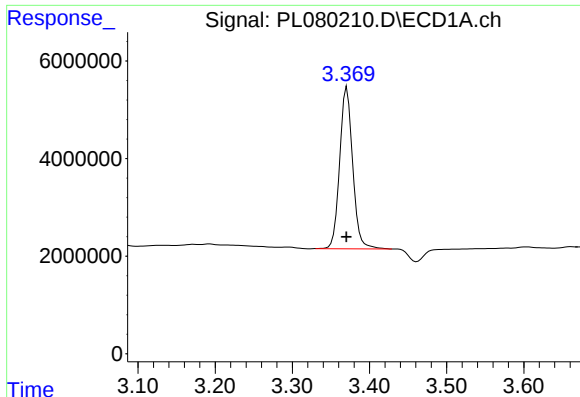
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011023\
Data File : PL080210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jan 2023 15:08
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Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS

Integration File signal 1: autoint1.e
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Quant Time: Jan 10 20:41:57 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

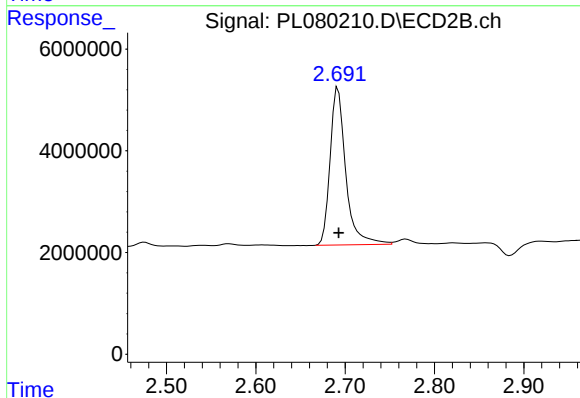




#1 Tetrachloro-m-xylene

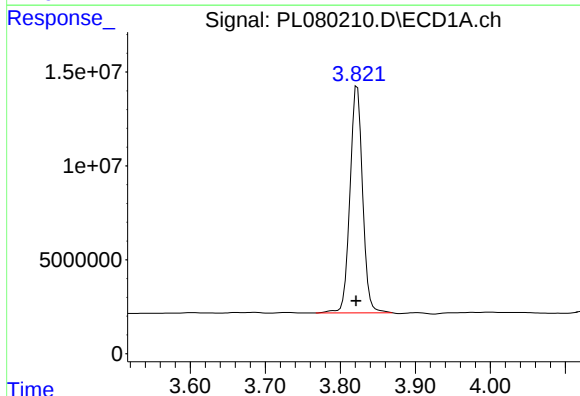
R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 38734968
Conc: 19.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



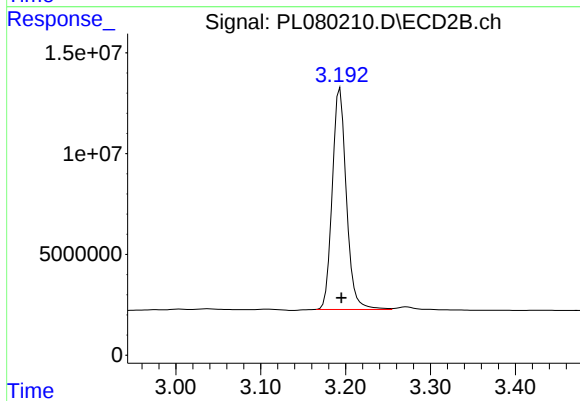
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 37800791
Conc: 16.62 ng/ml



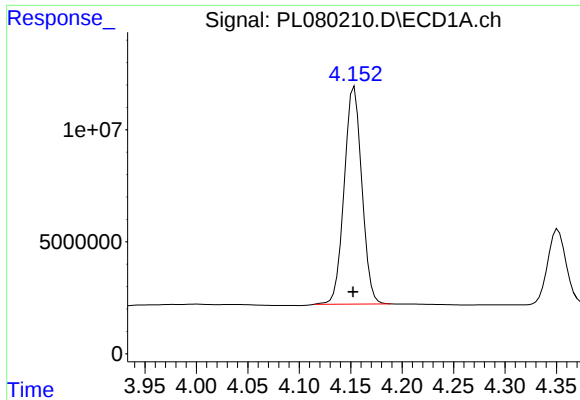
#2 alpha-BHC

R.T.: 3.823 min
Delta R.T.: 0.002 min
Response: 141374757
Conc: 49.48 ng/ml



#2 alpha-BHC

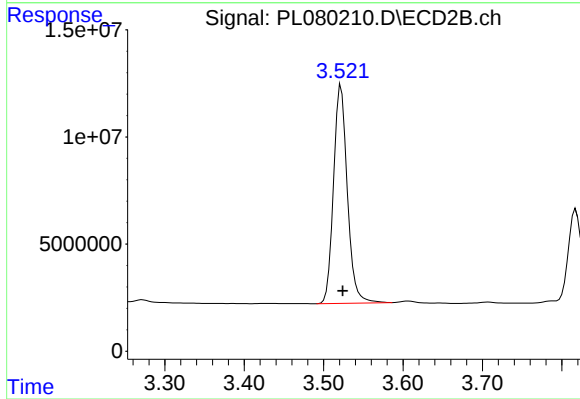
R.T.: 3.194 min
Delta R.T.: -0.001 min
Response: 126904831
Conc: 37.89 ng/ml



#3 gamma-BHC (Lindane)

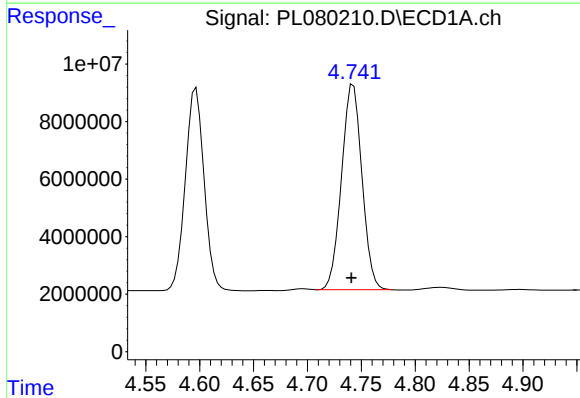
R.T.: 4.154 min
Delta R.T.: 0.001 min
Response: 115983864
Conc: 59.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



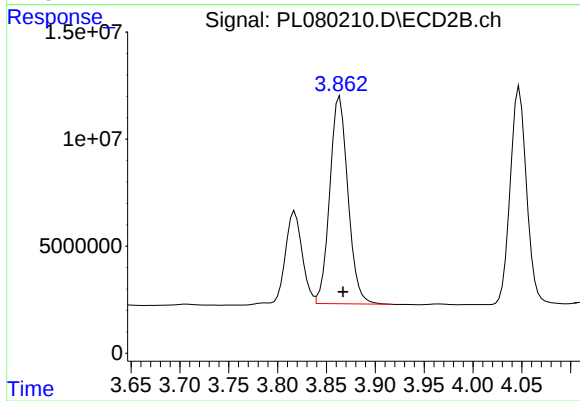
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 122955048
Conc: 40.09 ng/ml



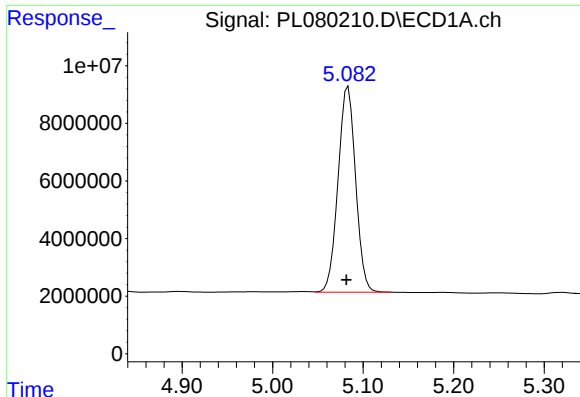
#4 Heptachlor

R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 94321410
Conc: 42.42 ng/ml



#4 Heptachlor

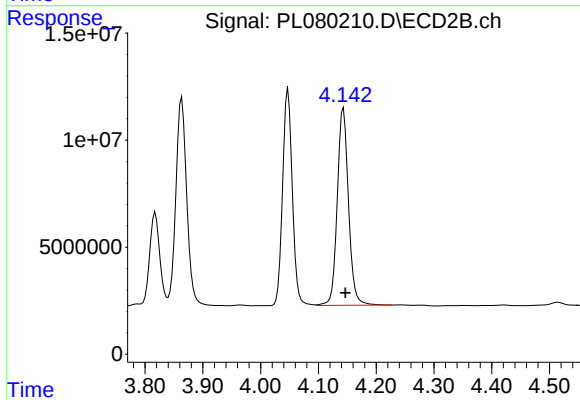
R.T.: 3.864 min
Delta R.T.: -0.003 min
Response: 125621826
Conc: 40.47 ng/ml



#5 Aldrin

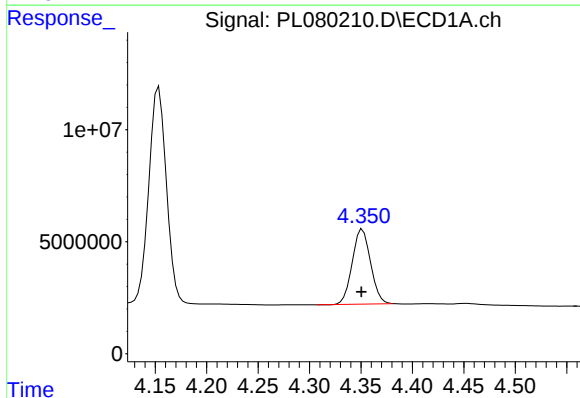
R.T.: 5.083 min
Delta R.T.: 0.002 min
Response: 96101222
Conc: 48.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



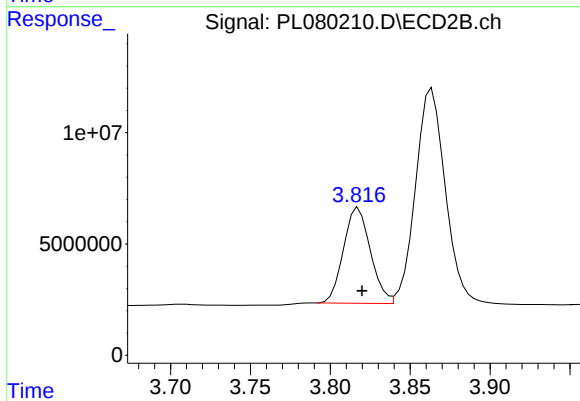
#5 Aldrin

R.T.: 4.143 min
Delta R.T.: -0.003 min
Response: 124767362
Conc: 42.28 ng/ml



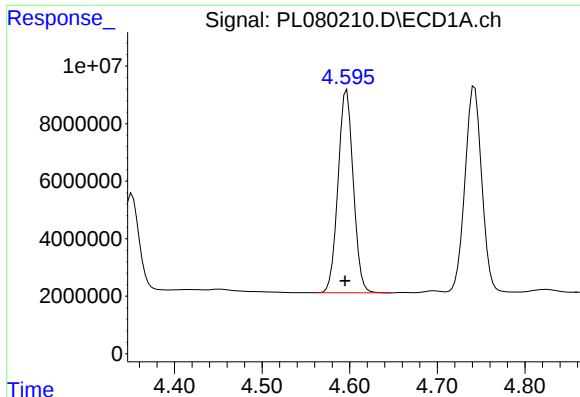
#6 beta-BHC

R.T.: 4.352 min
Delta R.T.: 0.001 min
Response: 41506624
Conc: 45.34 ng/ml



#6 beta-BHC

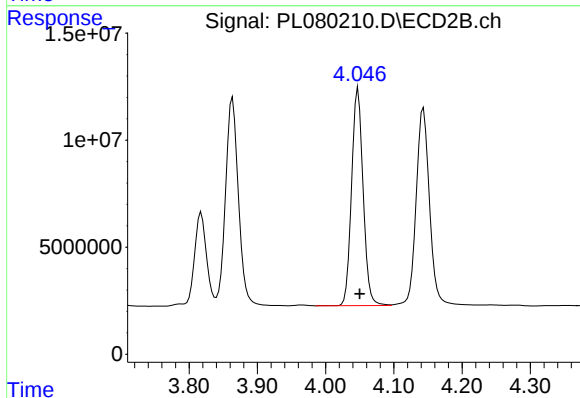
R.T.: 3.818 min
Delta R.T.: -0.002 min
Response: 50511043
Conc: 37.65 ng/ml



#7 delta-BHC

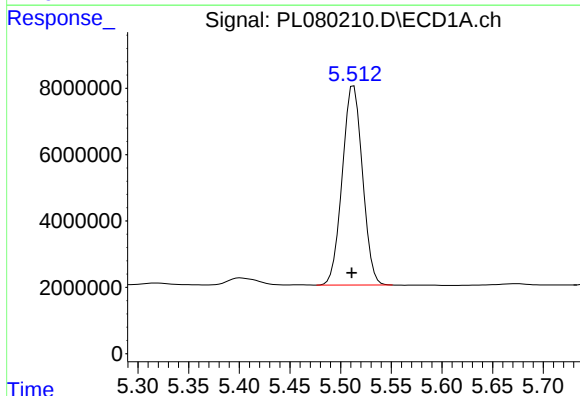
R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 85247773
Conc: 42.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



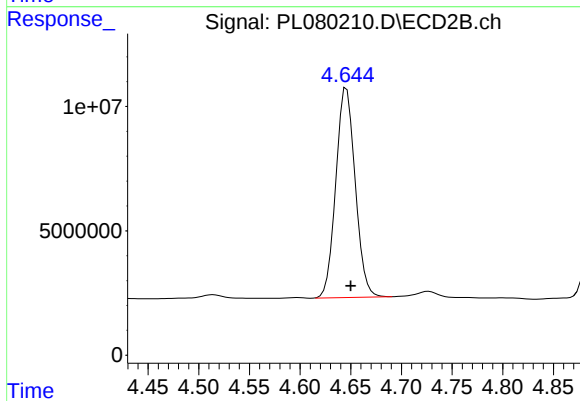
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 118784574
Conc: 40.40 ng/ml



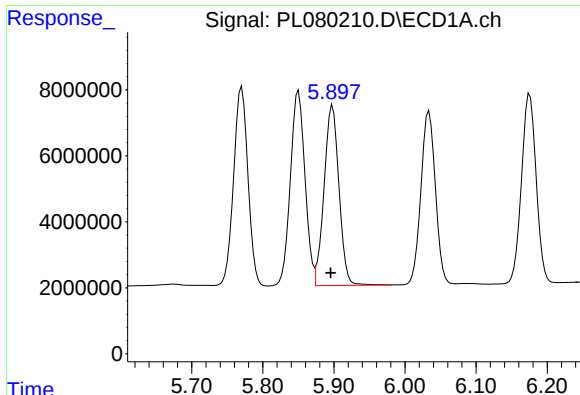
#8 Heptachlor epoxide

R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 83244224
Conc: 45.75 ng/ml



#8 Heptachlor epoxide

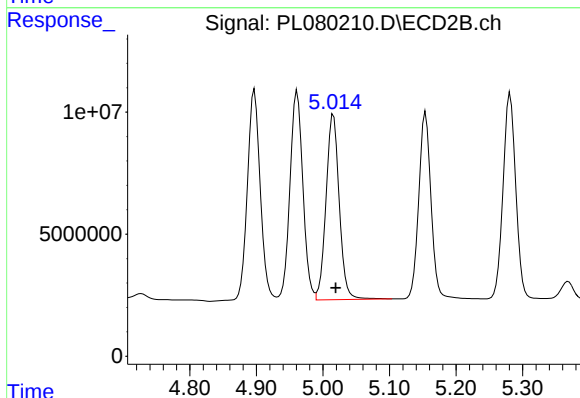
R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 112237539
Conc: 40.97 ng/ml



#9 Endosulfan I

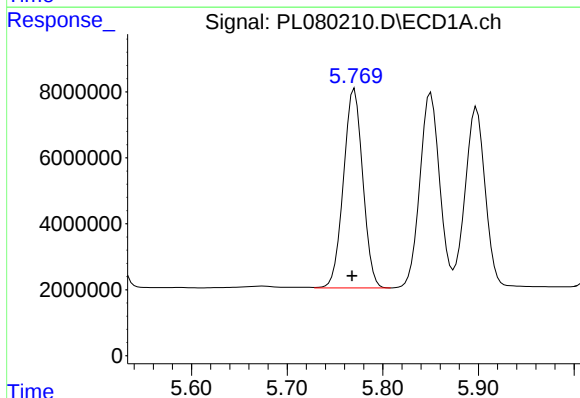
R.T.: 5.898 min
Delta R.T.: 0.003 min
Response: 79585064
Conc: 46.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



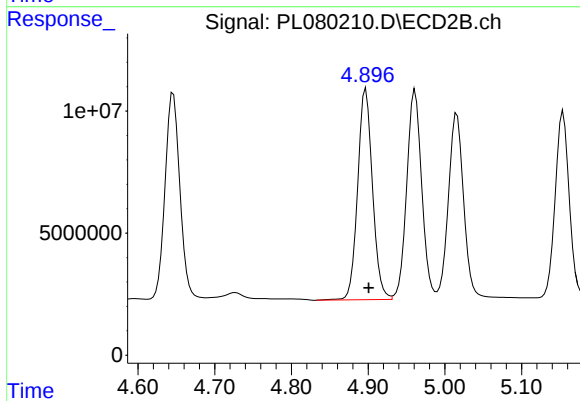
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 104920722
Conc: 40.51 ng/ml



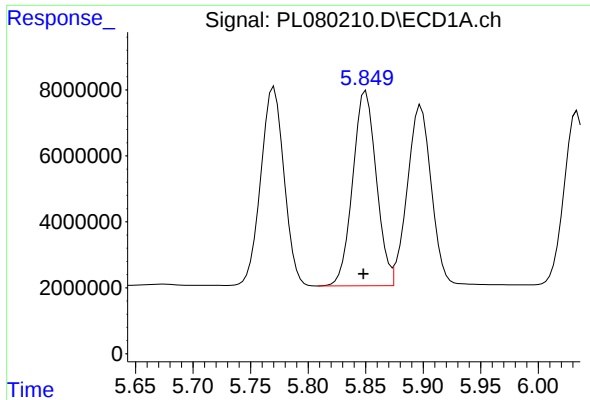
#10 gamma-Chlordane

R.T.: 5.770 min
Delta R.T.: 0.002 min
Response: 84888974
Conc: 47.05 ng/ml



#10 gamma-Chlordane

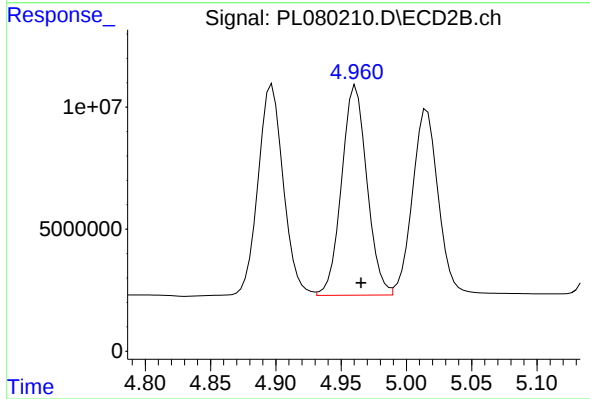
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 116741784
Conc: 41.83 ng/ml



#11 alpha-Chlordane

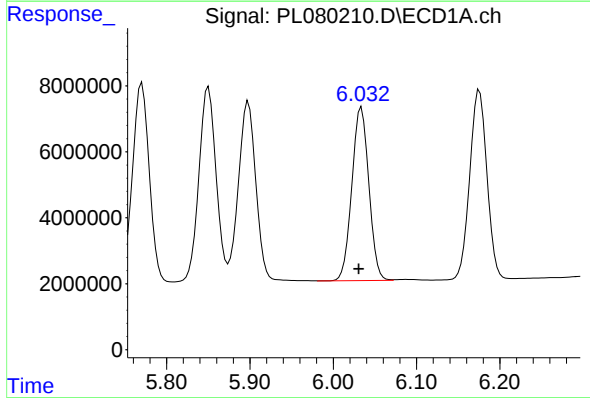
R.T.: 5.850 min
Delta R.T.: 0.002 min
Response: 84556227
Conc: 47.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



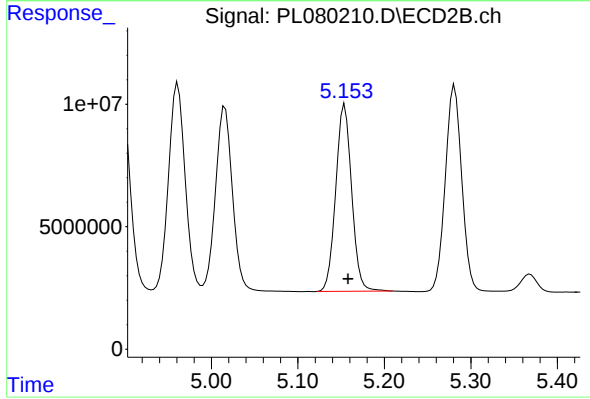
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 116010639
Conc: 41.52 ng/ml



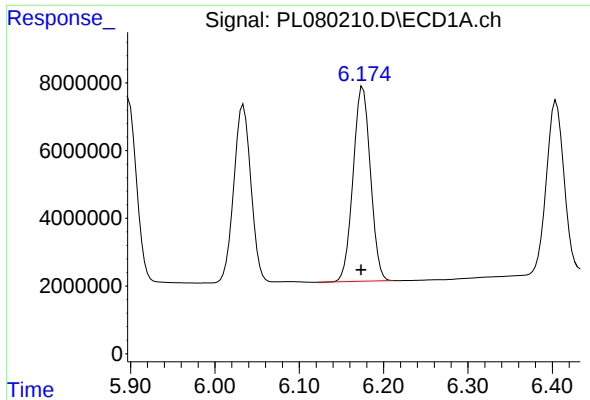
#12 4,4'-DDE

R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 74518248
Conc: 47.34 ng/ml



#12 4,4'-DDE

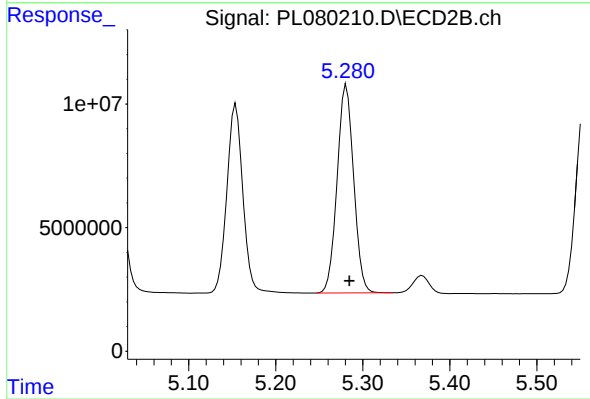
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 97133261
Conc: 41.86 ng/ml



#13 Dieldrin

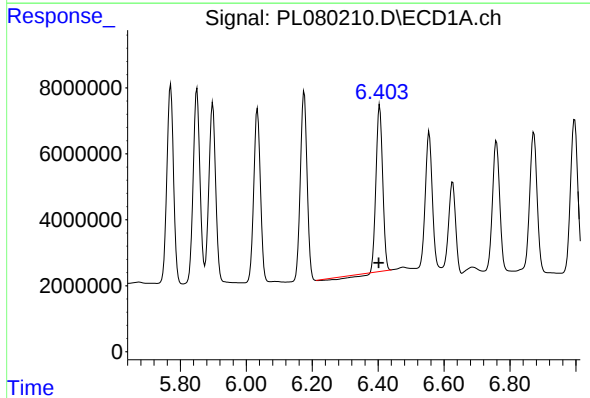
R.T.: 6.175 min
Delta R.T.: 0.002 min
Response: 82134167
Conc: 47.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



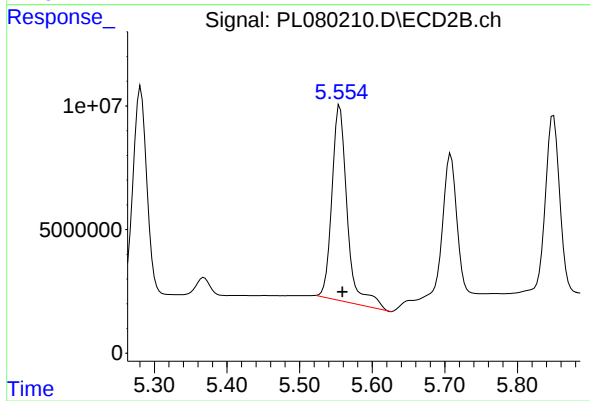
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.004 min
Response: 111266186
Conc: 42.54 ng/ml



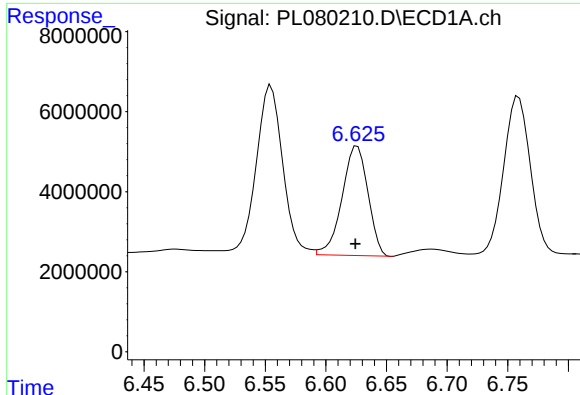
#14 Endrin

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 67462979
Conc: 43.99 ng/ml



#14 Endrin

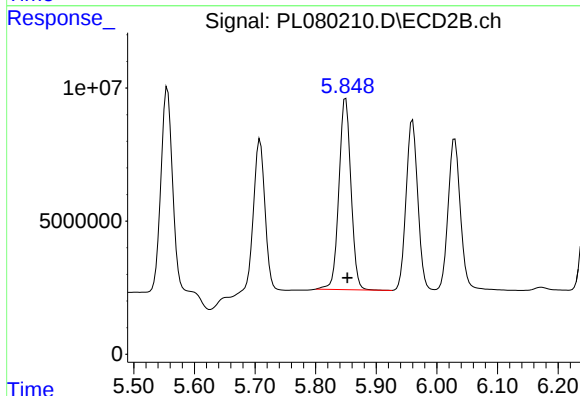
R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 116847624
Conc: 51.92 ng/ml



#15 Endosulfan II

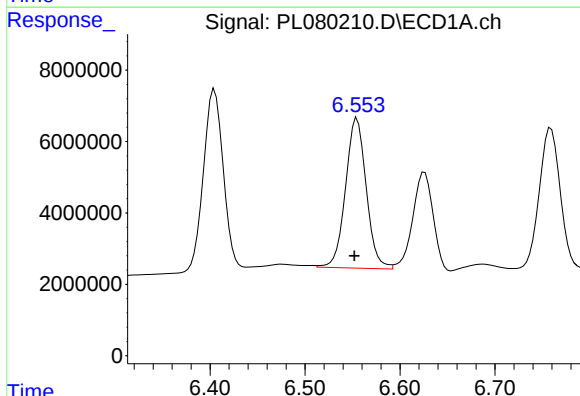
R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 40700313
Conc: 26.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



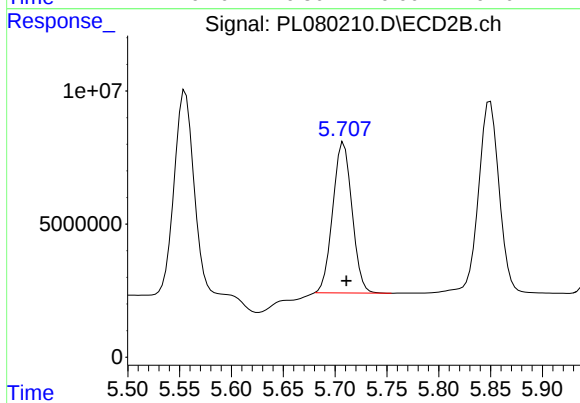
#15 Endosulfan II

R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 98899575
Conc: 45.55 ng/ml



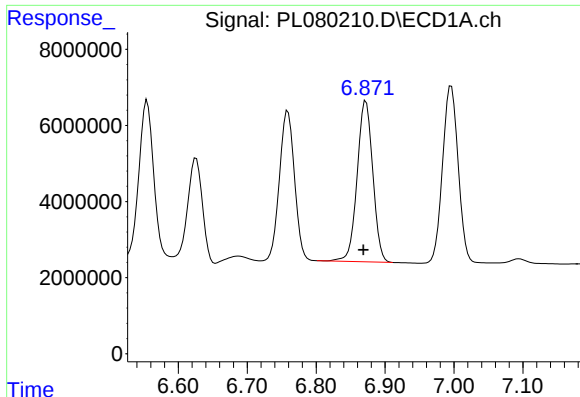
#16 4,4'-DDD

R.T.: 6.555 min
Delta R.T.: 0.003 min
Response: 63741129
Conc: 48.43 ng/ml



#16 4,4'-DDD

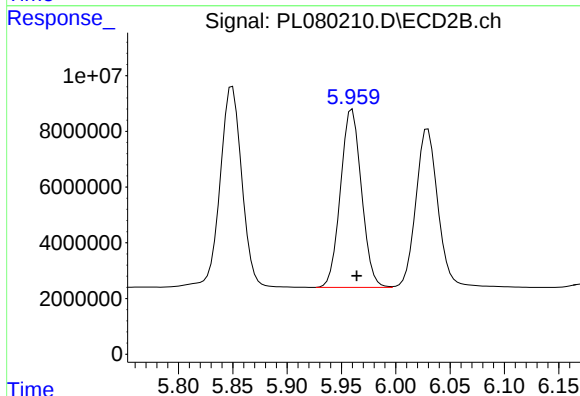
R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 73103225
Conc: 39.61 ng/ml



#17 4,4'-DDT

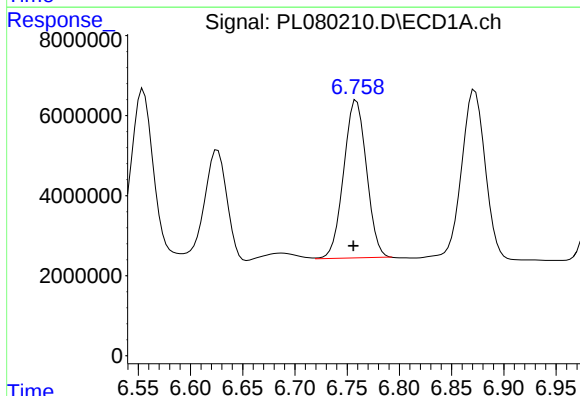
R.T.: 6.872 min
Delta R.T.: 0.003 min
Response: 66604271
Conc: 44.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



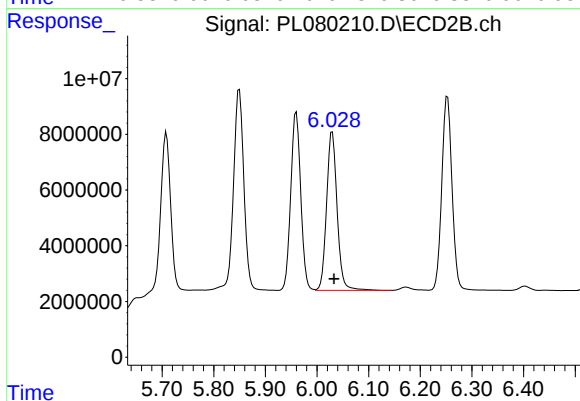
#17 4,4'-DDT

R.T.: 5.960 min
Delta R.T.: -0.004 min
Response: 86034640
Conc: 42.25 ng/ml



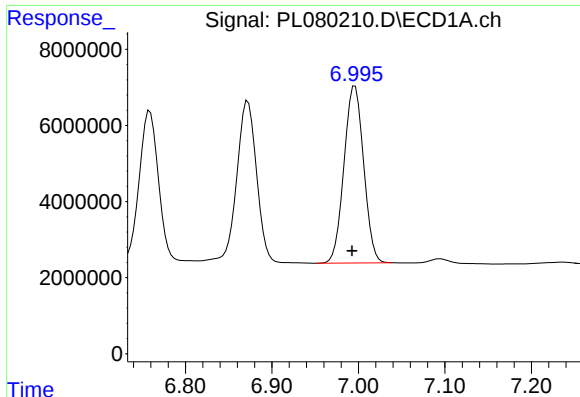
#18 Endrin aldehyde

R.T.: 6.759 min
Delta R.T.: 0.003 min
Response: 59783230
Conc: 49.20 ng/ml



#18 Endrin aldehyde

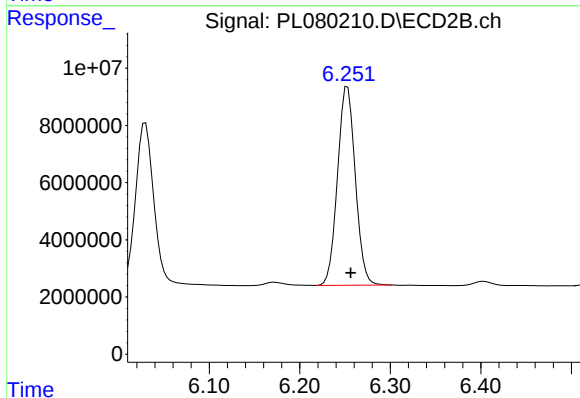
R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 80876991
Conc: 46.06 ng/ml



#19 Endosulfan Sulfate

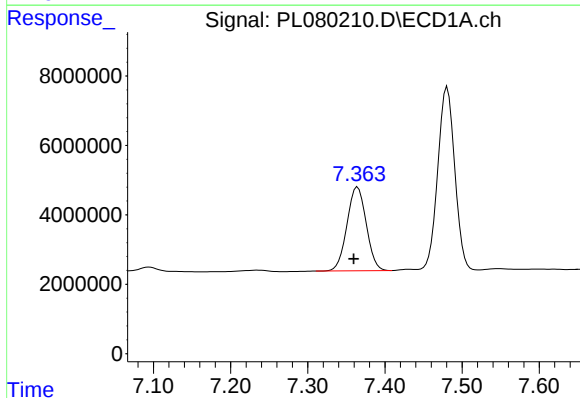
R.T.: 6.996 min
Delta R.T.: 0.003 min
Response: 73098780
Conc: 44.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



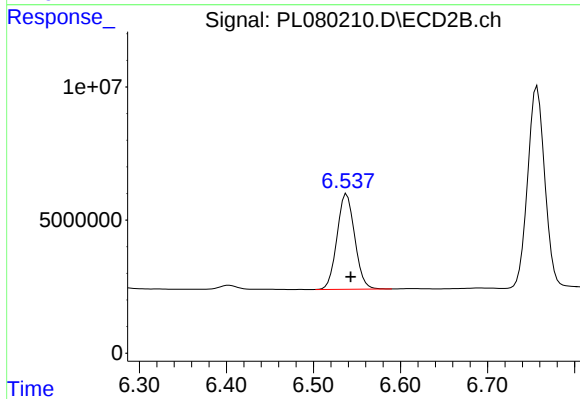
#19 Endosulfan Sulfate

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 94806964
Conc: 42.67 ng/ml



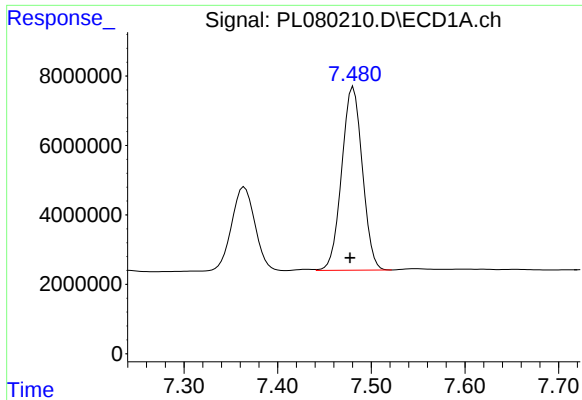
#20 Methoxychlor

R.T.: 7.365 min
Delta R.T.: 0.005 min
Response: 41774195
Conc: 46.98 ng/ml



#20 Methoxychlor

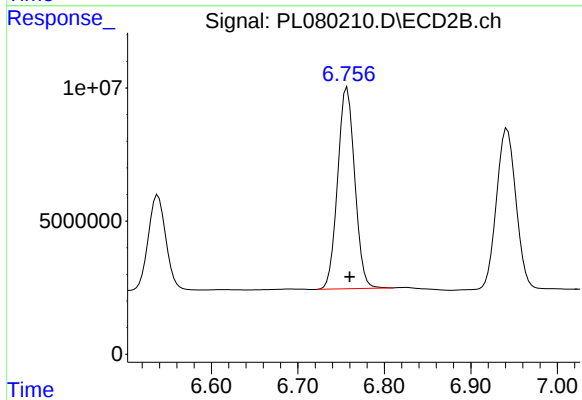
R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 50699998
Conc: 44.24 ng/ml



#21 Endrin ketone

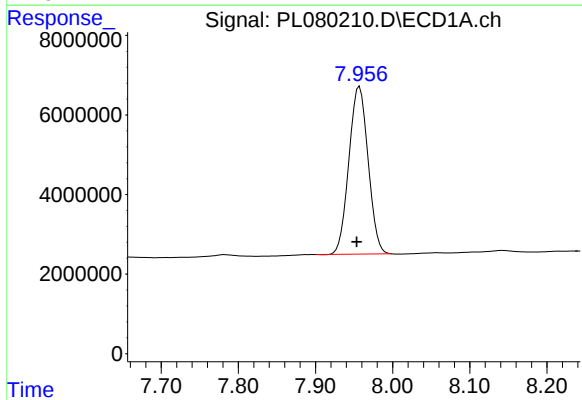
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 80972892
Conc: 45.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



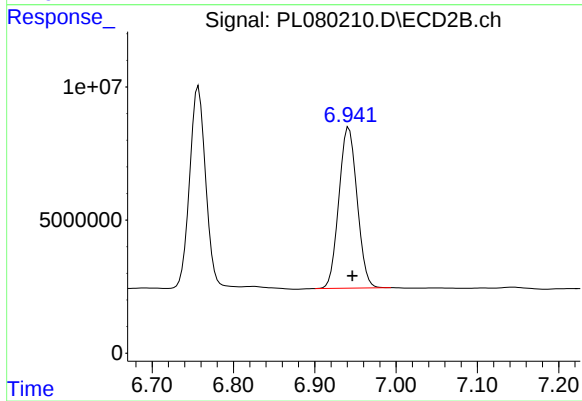
#21 Endrin ketone

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 103337153
Conc: 42.40 ng/ml



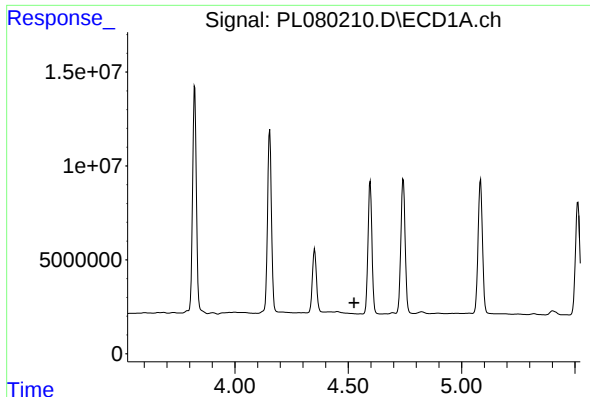
#22 Mirex

R.T.: 7.957 min
Delta R.T.: 0.004 min
Response: 72793671
Conc: 46.95 ng/ml



#22 Mirex

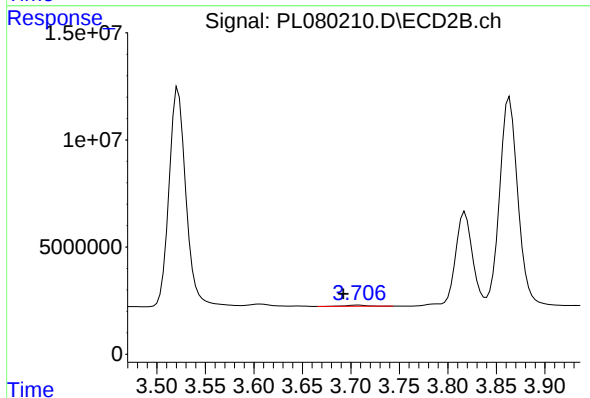
R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 93926158
Conc: 45.50 ng/ml



#23 Chlordane-1

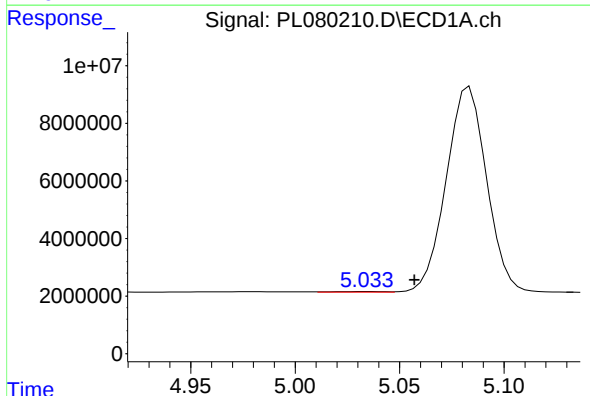
R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



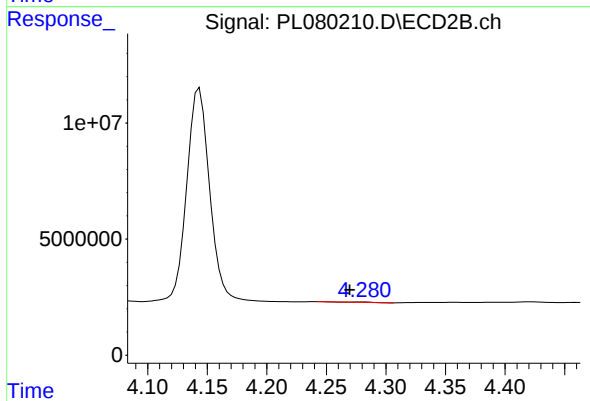
#23 Chlordane-1

R.T.: 3.707 min
Delta R.T.: 0.015 min
Response: 819519
Conc: 10.53 ng/ml



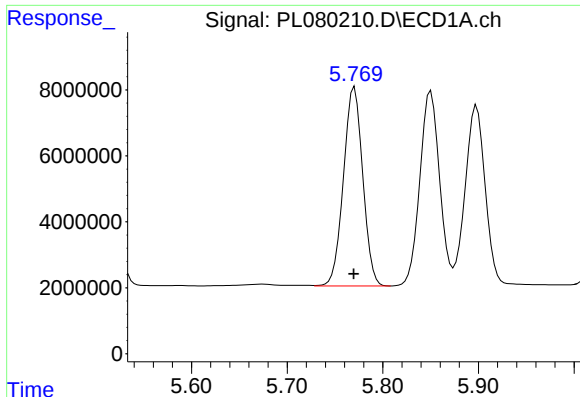
#24 Chlordane-2

R.T.: 5.034 min
Delta R.T.: -0.023 min
Response: 359682
Conc: 4.98 ng/ml



#24 Chlordane-2

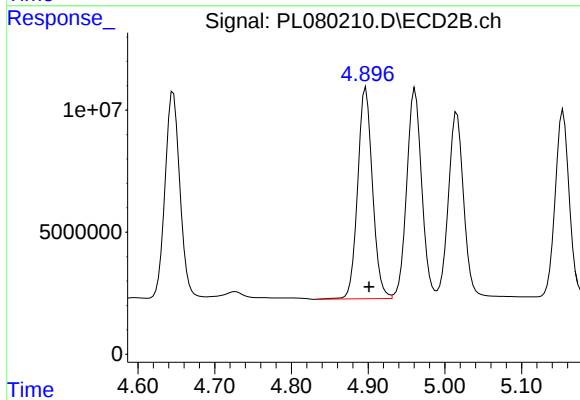
R.T.: 4.279 min
Delta R.T.: 0.009 min
Response: 247832
Conc: 2.85 ng/ml



#25 Chlordane-3

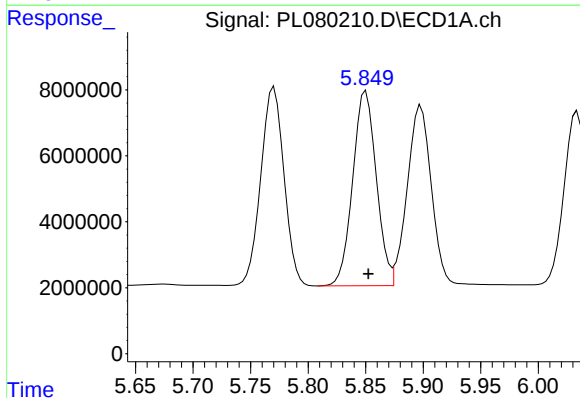
R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 84888974
Conc: 339.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



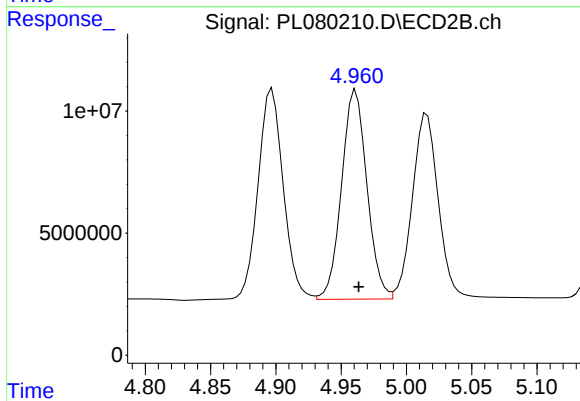
#25 Chlordane-3

R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 116741784
Conc: 446.26 ng/ml



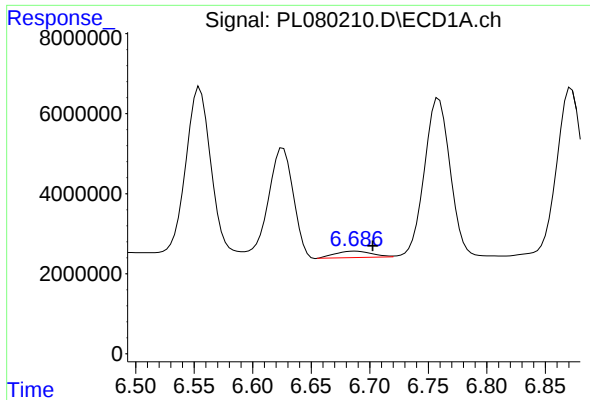
#26 Chlordane-4

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 84556227
Conc: 273.72 ng/ml



#26 Chlordane-4

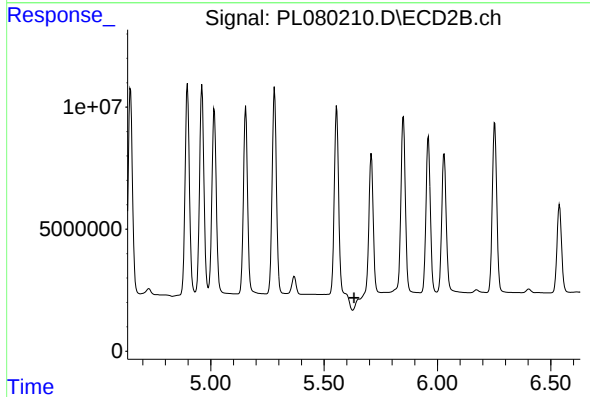
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 116010639
Conc: 440.80 ng/ml



#27 Chlordane-5

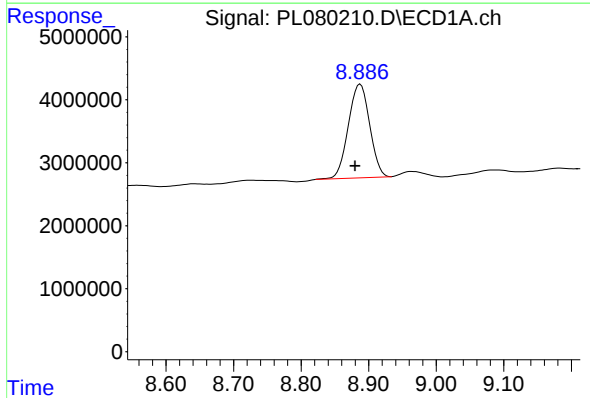
R.T.: 6.688 min
Delta R.T.: -0.015 min
Response: 3512441
Conc: 54.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-5-MIDDLE(4-8)MS



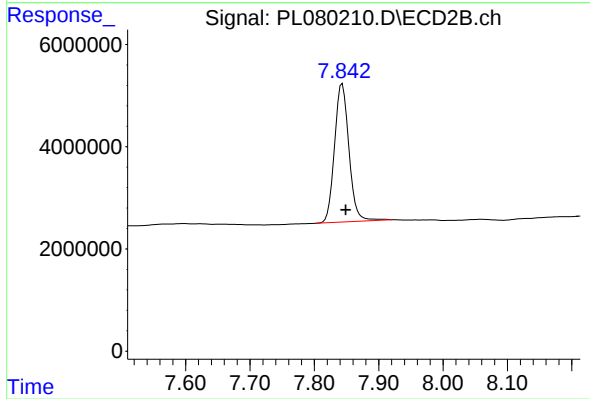
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 5.632 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: 0.008 min
Response: 32620657
Conc: 19.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: -0.006 min
Response: 42252318
Conc: 18.70 ng/ml