

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011023\
 Data File : PL080211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 15:22
 Operator : AR\AJ
 Sample : 01072-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:42:32 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	38311950	37423444	19.260	16.458
28)	SA Decachlor...	8.887	7.843	34821770	41922145	20.296	18.556
Target Compounds							
2)	A alpha-BHC	3.823	3.194	136.0E6	125.2E6	47.593	37.379
3)	MA gamma-BHC...	4.154	3.523	111.5E6	121.7E6	56.722	39.684 #
4)	MA Heptachlor	4.743	3.864	93843096	124.5E6	42.202	40.118
5)	MB Aldrin	5.083	4.144	95334349	123.5E6	48.044	41.840
6)	B beta-BHC	4.352	3.818	39838362	49955661	43.522	37.235
7)	B delta-BHC	4.597	4.048	84884990	117.3E6	42.261	39.883
8)	B Heptachlo...	5.513	4.646	82235988	111.3E6	45.195	40.626
9)	A Endosulfan I	5.898	5.016	77517235	104.3E6	45.174	40.271
10)	B gamma-Chl...	5.771	4.898	83095358	115.5E6	46.058	41.373
11)	B alpha-Chl...	5.851	4.962	82913969	115.0E6	46.105	41.146
12)	B 4,4'-DDE	6.034	5.154	72315797	95775383	45.940	41.277
13)	MA Dieldrin	6.176	5.281	78722360	110.3E6	45.989	42.164
14)	MA Endrin	6.405	5.555	57355023	113.4E6	37.399	50.372 #
15)	B Endosulfa...	6.626	5.850	37706179	98122216	24.505	45.194 #
16)	A 4,4'-DDD	6.555	5.708	69372054	72538819	52.711	39.309 #
17)	MA 4,4'-DDT	6.872	5.960	63892285	84874600	42.738	41.683
18)	B Endrin al...	6.759	6.030	57107435	80812237	46.994	46.025
19)	B Endosulfa...	6.996	6.252	70211437	94933102	42.933	42.729
20)	A Methoxychlor	7.364	6.539	39076717	50391570	43.943	43.969
21)	B Endrin ke...	7.481	6.757	79196071	102.9E6	44.498	42.228
22)	Mirex	7.957	6.942	69237903	94027057	44.653	45.554
23)	Chlordane-1	0.000	3.707	0	404192	N.D.	5.192 #
24)	Chlordane-2	5.034f	4.278	447648	251871	6.196	2.895 #
25)	Chlordane-3	5.771	4.898	83095358	115.5E6	332.169	441.415 #
26)	Chlordane-4	5.851	4.962	82913969	115.0E6	268.400	436.793 #
27)	Chlordane-5	6.684f	0.000	4672185	0	73.046	N.D. #

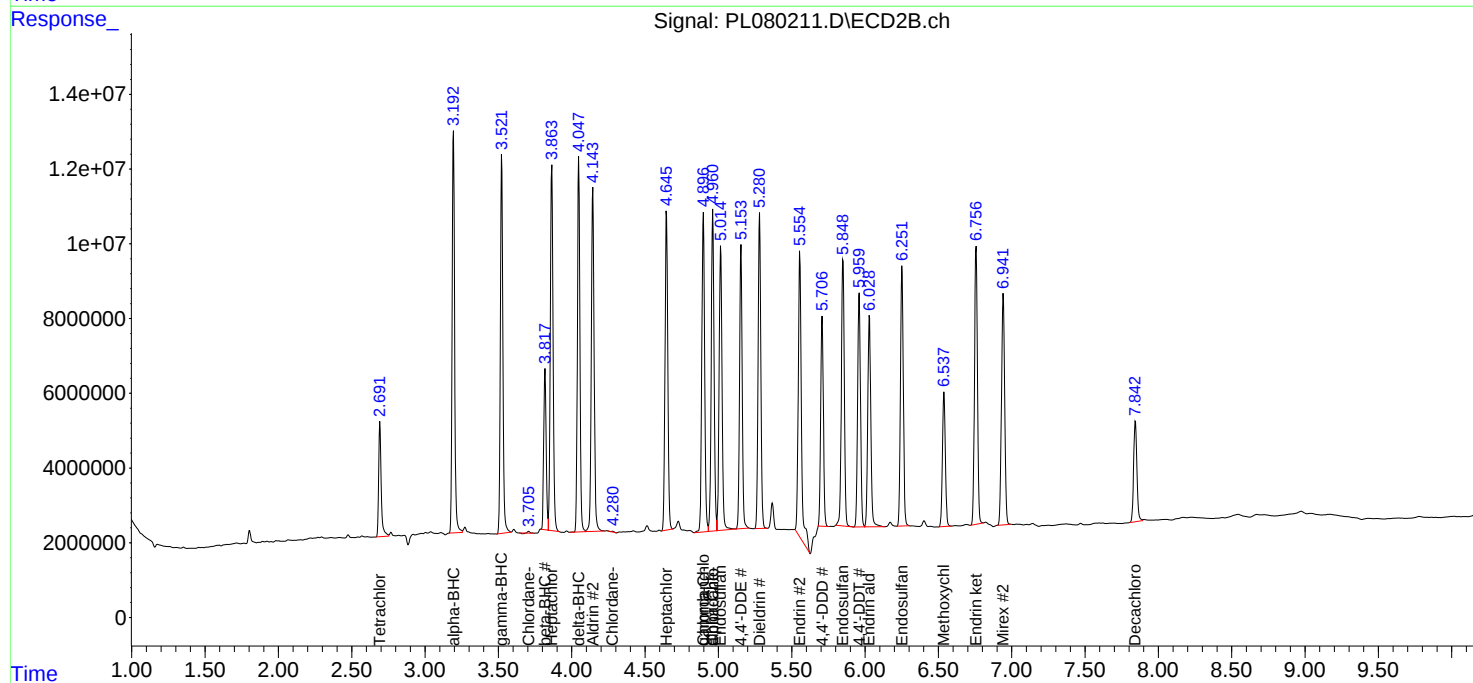
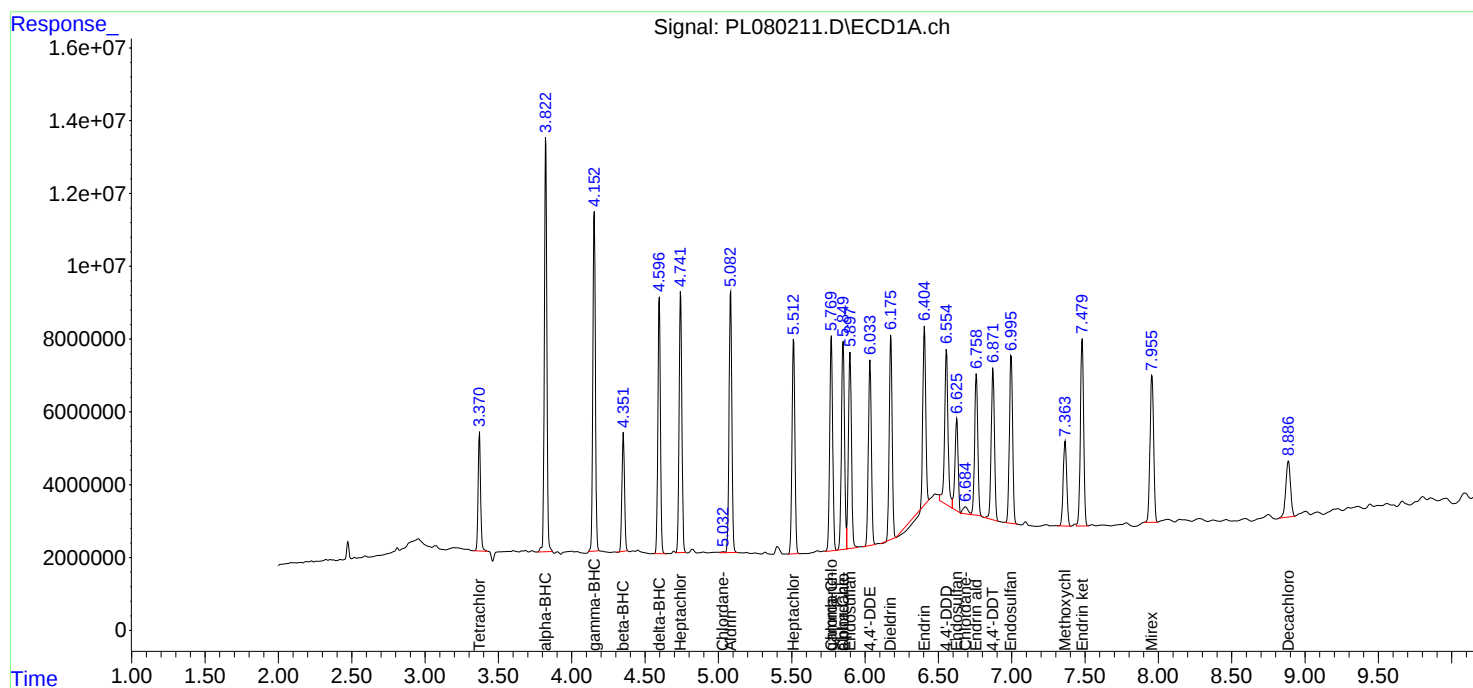
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

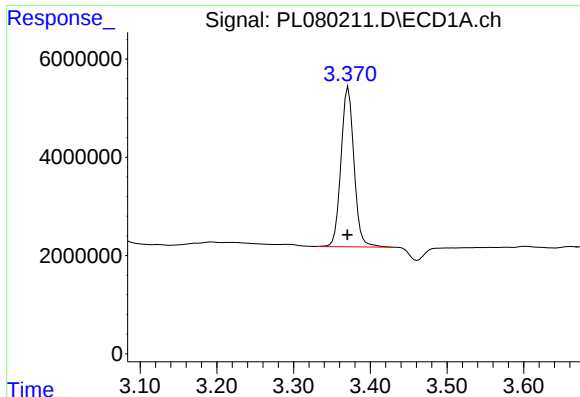
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011023\
Data File : PL080211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jan 2023 15:22
Operator : AR\AJ
Sample : 01072-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 10 20:42:32 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

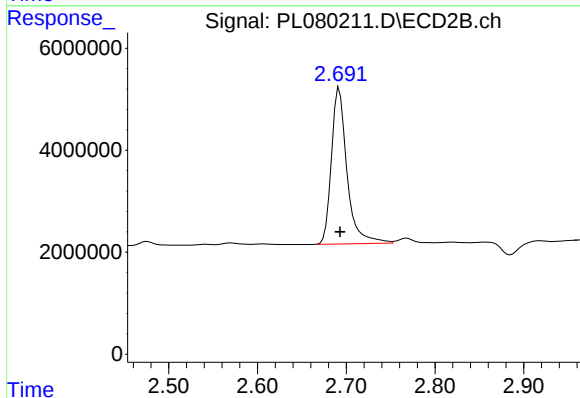




#1 Tetrachloro-m-xylene

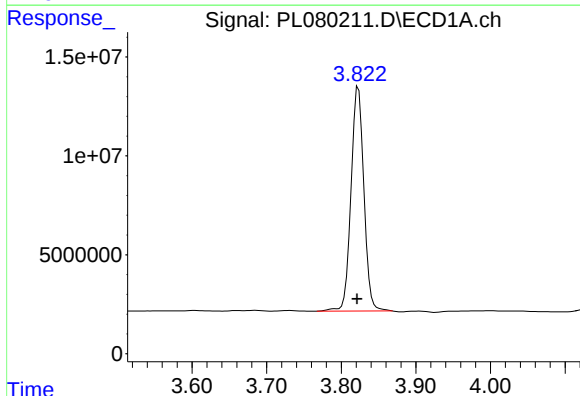
R.T.: 3.371 min
Delta R.T.: 0.001 min
Response: 38311950
Conc: 19.26 ng/ml

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



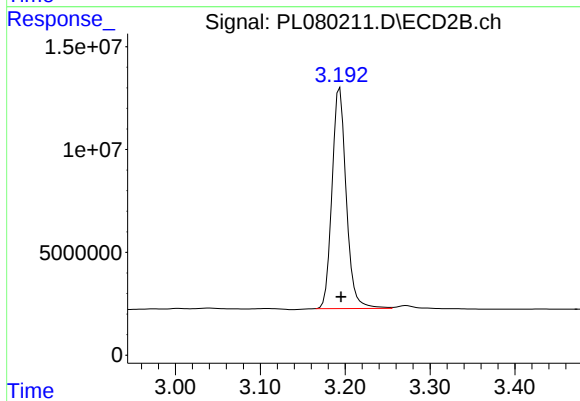
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 37423444
Conc: 16.46 ng/ml



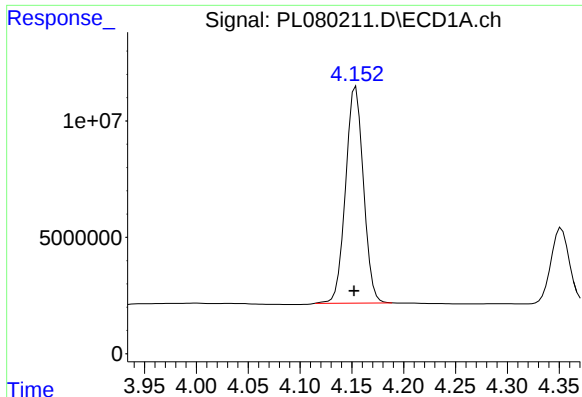
#2 alpha-BHC

R.T.: 3.823 min
Delta R.T.: 0.002 min
Response: 135976953
Conc: 47.59 ng/ml



#2 alpha-BHC

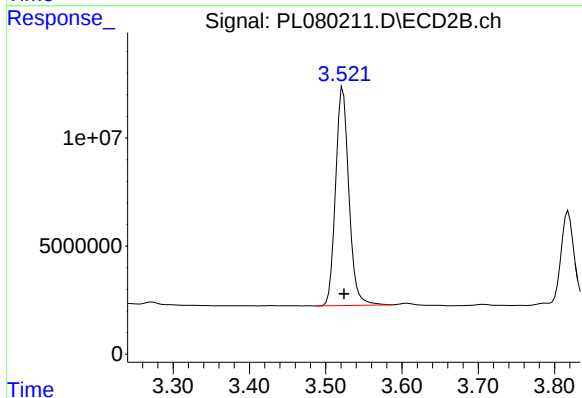
R.T.: 3.194 min
Delta R.T.: -0.001 min
Response: 125192339
Conc: 37.38 ng/ml



#3 gamma-BHC (Lindane)

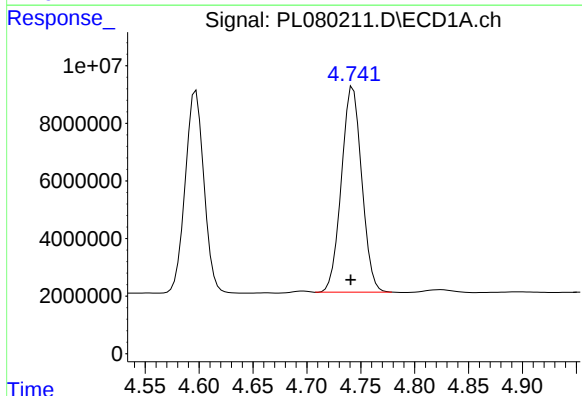
R.T.: 4.154 min
Delta R.T.: 0.002 min
Response: 111478390
Conc: 56.72 ng/ml

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



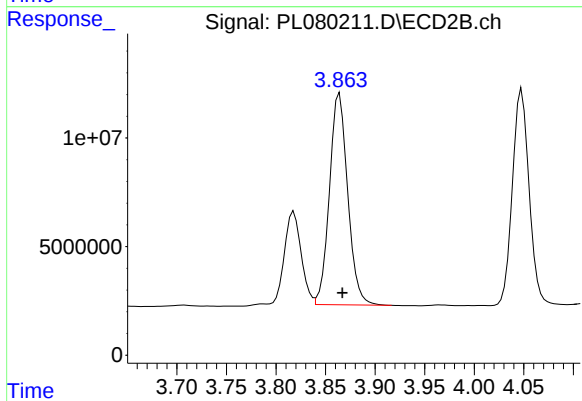
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 121698692
Conc: 39.68 ng/ml



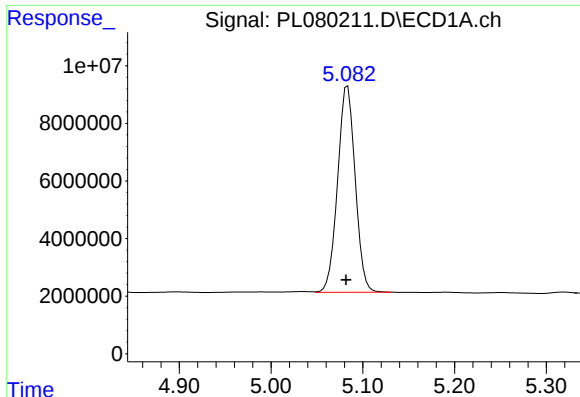
#4 Heptachlor

R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 93843096
Conc: 42.20 ng/ml



#4 Heptachlor

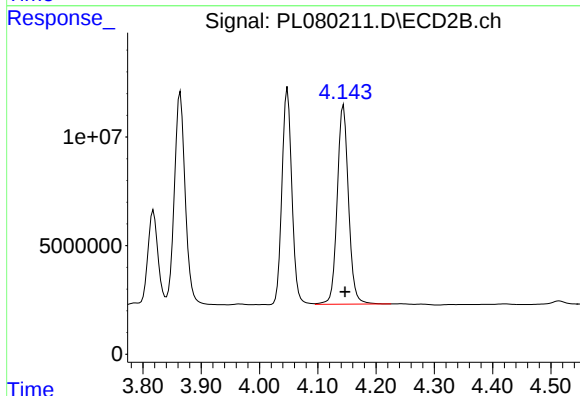
R.T.: 3.864 min
Delta R.T.: -0.003 min
Response: 124539187
Conc: 40.12 ng/ml



#5 Aldrin

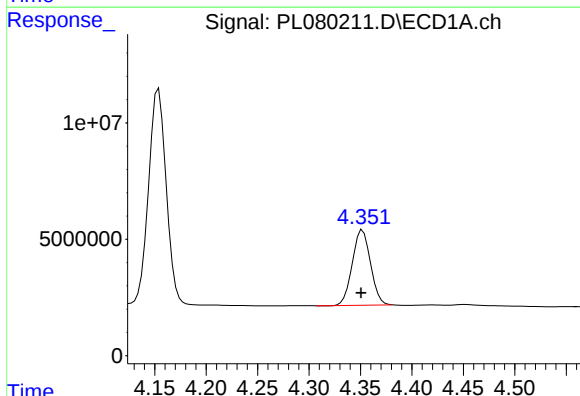
R.T.: 5.083 min
Delta R.T.: 0.002 min
Response: 95334349
Conc: 48.04 ng/ml

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



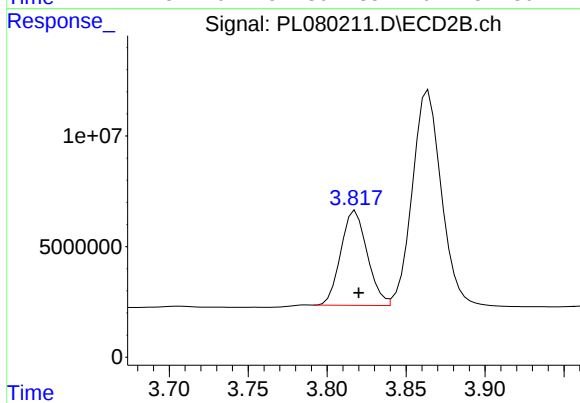
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: -0.003 min
Response: 123470203
Conc: 41.84 ng/ml



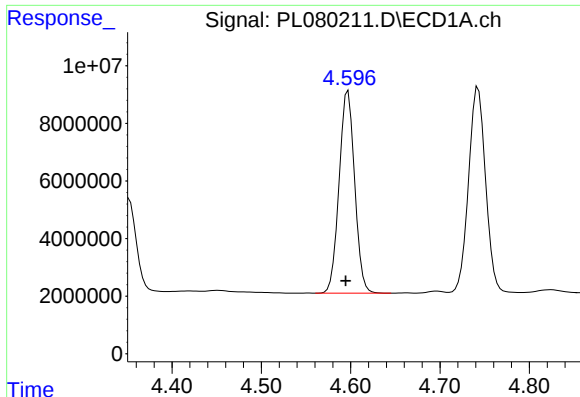
#6 beta-BHC

R.T.: 4.352 min
Delta R.T.: 0.002 min
Response: 39838362
Conc: 43.52 ng/ml



#6 beta-BHC

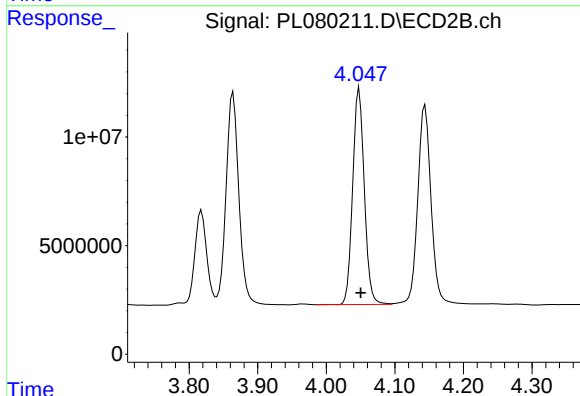
R.T.: 3.818 min
Delta R.T.: -0.002 min
Response: 49955661
Conc: 37.24 ng/ml



#7 delta-BHC

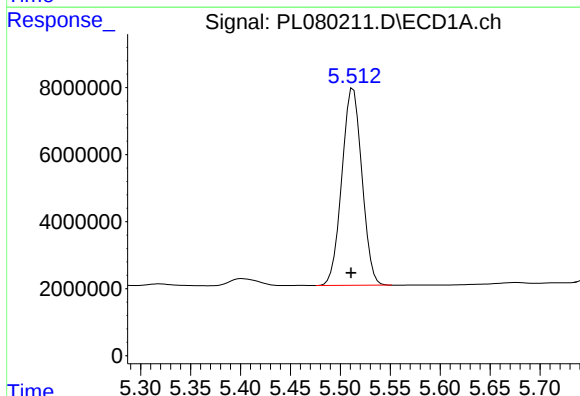
R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 84884990
Conc: 42.26 ng/ml

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



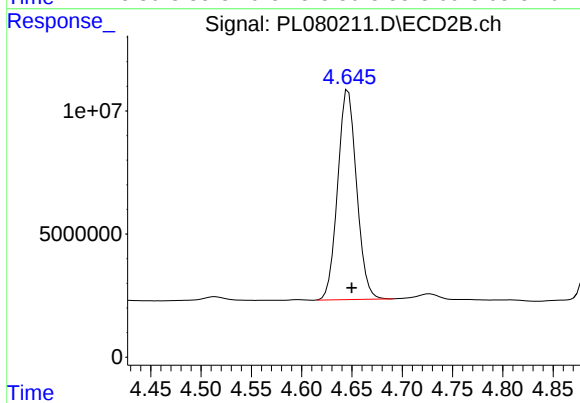
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 117259606
Conc: 39.88 ng/ml



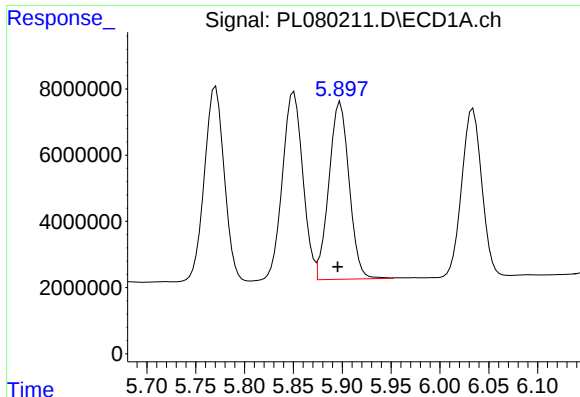
#8 Heptachlor epoxide

R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 82235988
Conc: 45.20 ng/ml



#8 Heptachlor epoxide

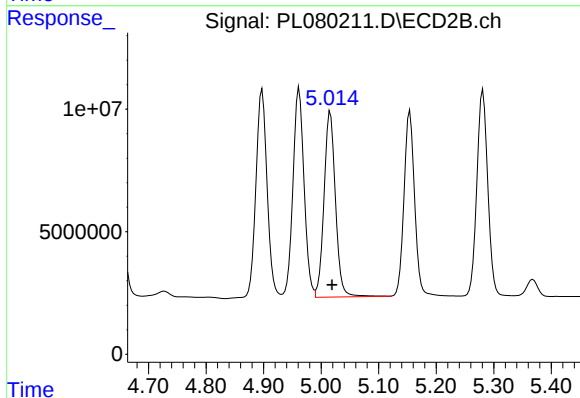
R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 111296954
Conc: 40.63 ng/ml



#9 Endosulfan I

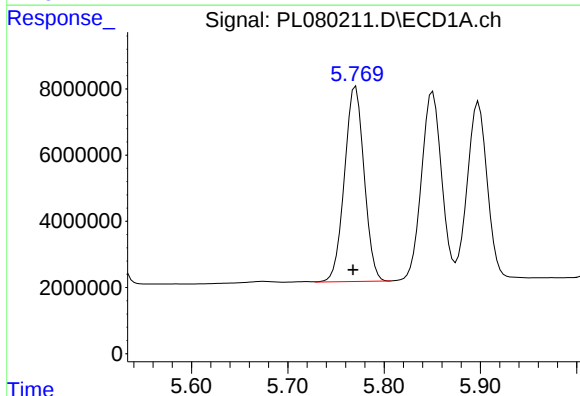
R.T.: 5.898 min
Delta R.T.: 0.003 min
Response: 77517235
Conc: 45.17 ng/ml

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



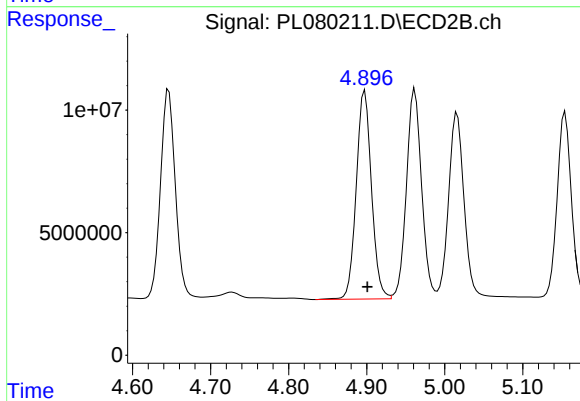
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 104304768
Conc: 40.27 ng/ml



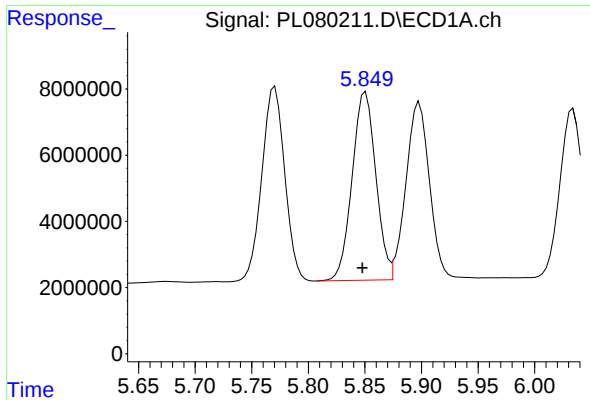
#10 gamma-Chlordane

R.T.: 5.771 min
Delta R.T.: 0.003 min
Response: 83095358
Conc: 46.06 ng/ml



#10 gamma-Chlordane

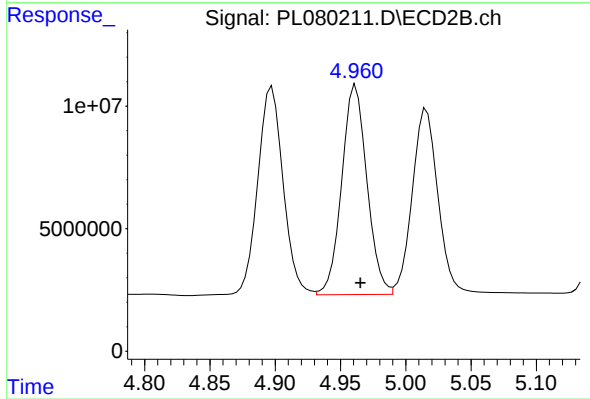
R.T.: 4.898 min
Delta R.T.: -0.003 min
Response: 115474578
Conc: 41.37 ng/ml



#11 alpha-Chlordane

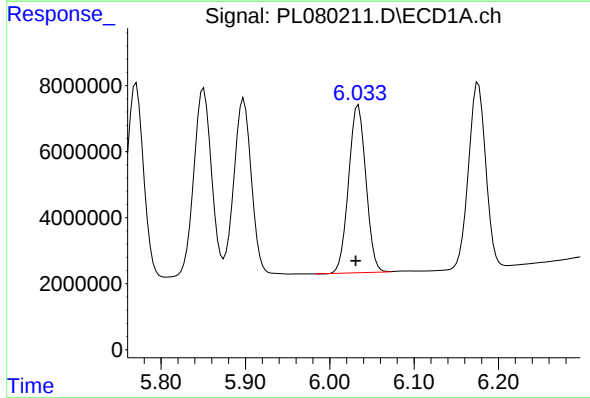
R.T.: 5.851 min
Delta R.T.: 0.003 min
Response: 82913969
Conc: 46.11 ng/ml

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



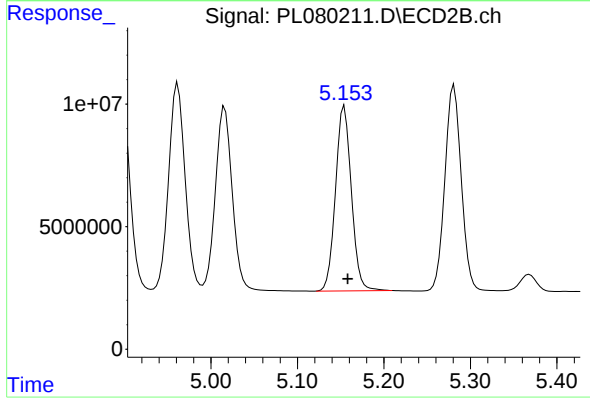
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 114956485
Conc: 41.15 ng/ml



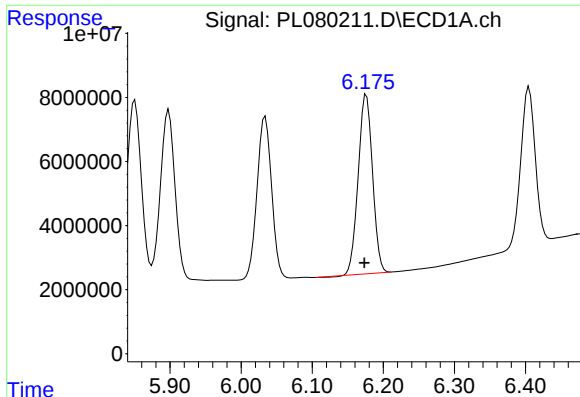
#12 4,4'-DDE

R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 72315797
Conc: 45.94 ng/ml



#12 4,4'-DDE

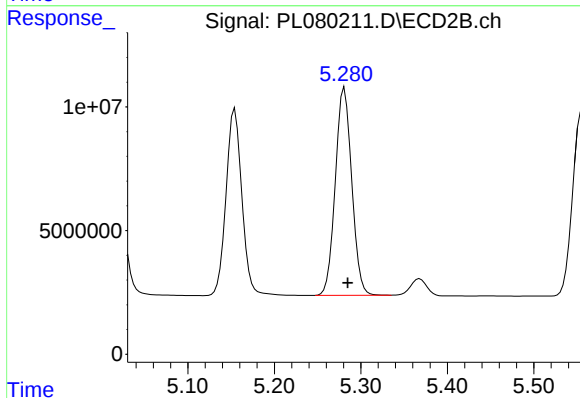
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 95775383
Conc: 41.28 ng/ml



#13 Dieldrin

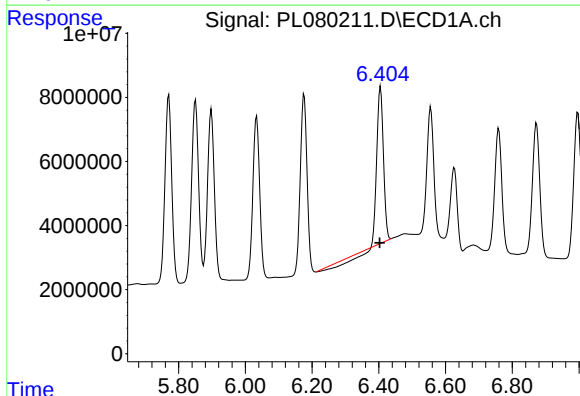
R.T.: 6.176 min
Delta R.T.: 0.003 min
Response: 78722360
Conc: 45.99 ng/ml

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



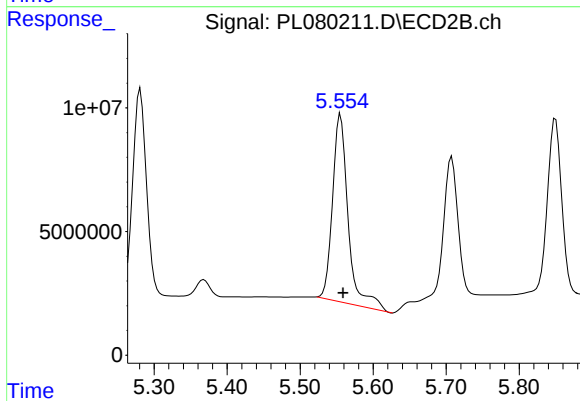
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.004 min
Response: 110282981
Conc: 42.16 ng/ml



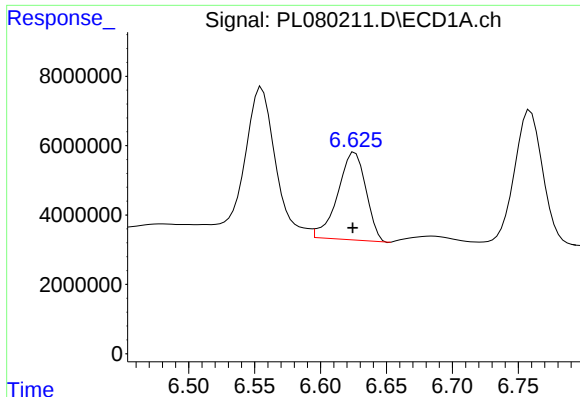
#14 Endrin

R.T.: 6.405 min
Delta R.T.: 0.003 min
Response: 57355023
Conc: 37.40 ng/ml



#14 Endrin

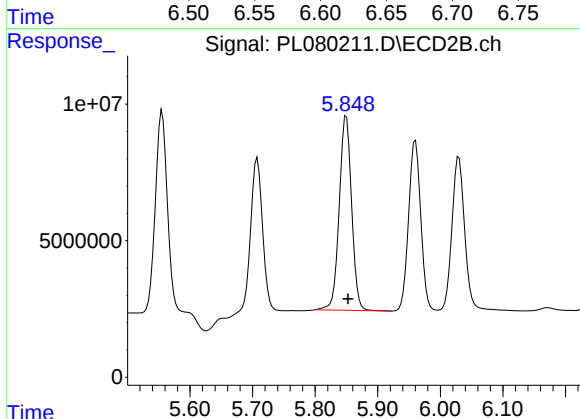
R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 113362152
Conc: 50.37 ng/ml



#15 Endosulfan II

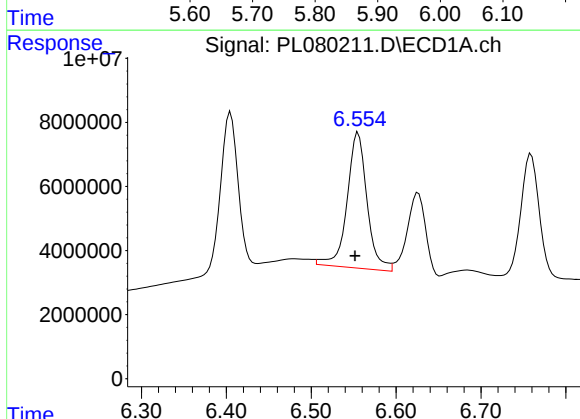
R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 37706179
Conc: 24.50 ng/ml

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



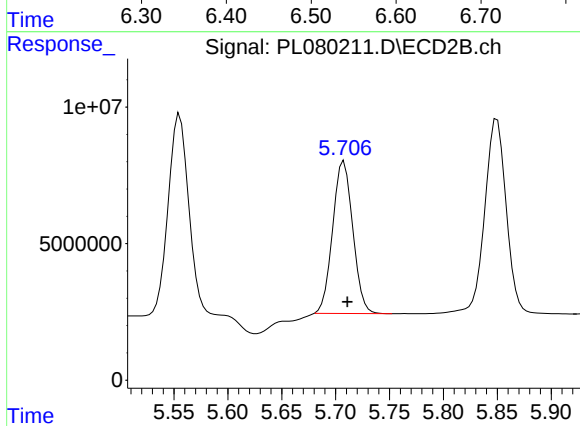
#15 Endosulfan II

R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 98122216
Conc: 45.19 ng/ml



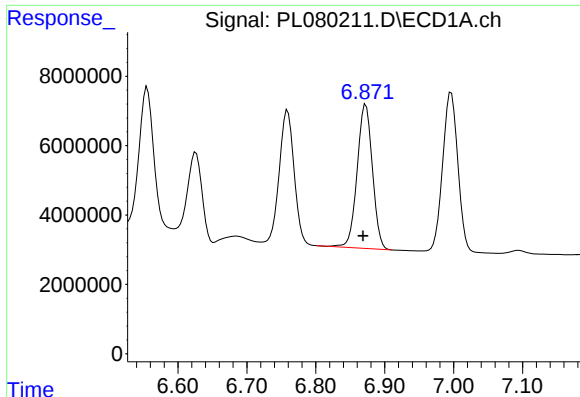
#16 4,4'-DDD

R.T.: 6.555 min
Delta R.T.: 0.004 min
Response: 69372054
Conc: 52.71 ng/ml



#16 4,4'-DDD

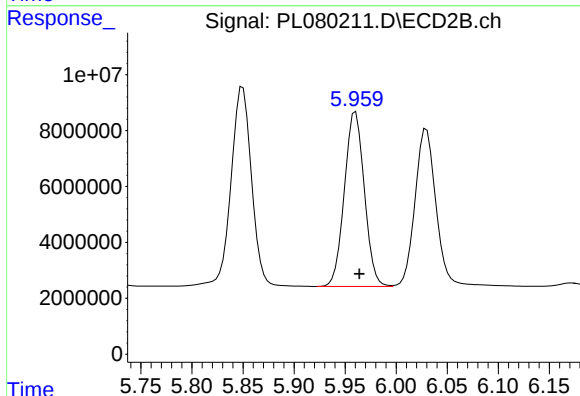
R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 72538819
Conc: 39.31 ng/ml



#17 4,4'-DDT

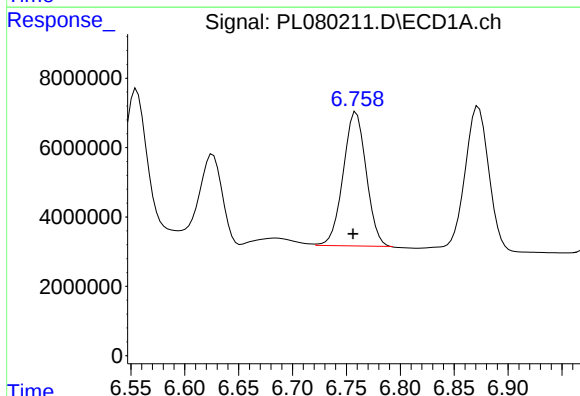
R.T.: 6.872 min
Delta R.T.: 0.004 min
Response: 63892285
Conc: 42.74 ng/ml

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



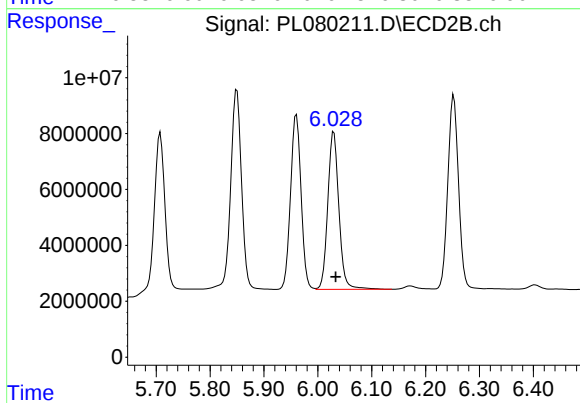
#17 4,4'-DDT

R.T.: 5.960 min
Delta R.T.: -0.004 min
Response: 84874600
Conc: 41.68 ng/ml



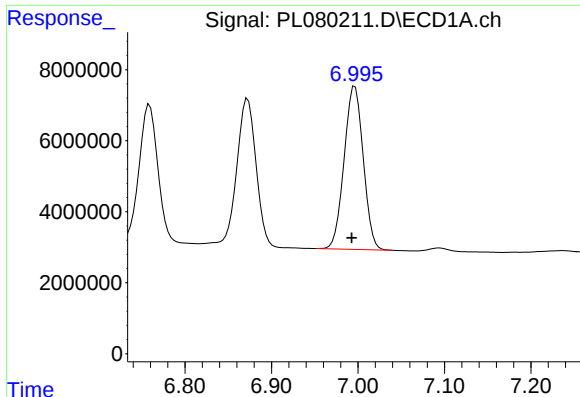
#18 Endrin aldehyde

R.T.: 6.759 min
Delta R.T.: 0.003 min
Response: 57107435
Conc: 46.99 ng/ml



#18 Endrin aldehyde

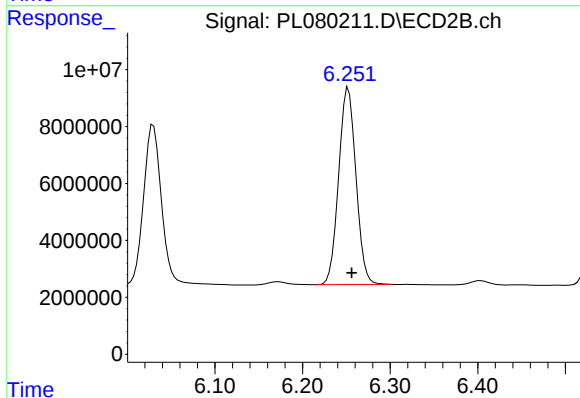
R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 80812237
Conc: 46.02 ng/ml



#19 Endosulfan Sulfate

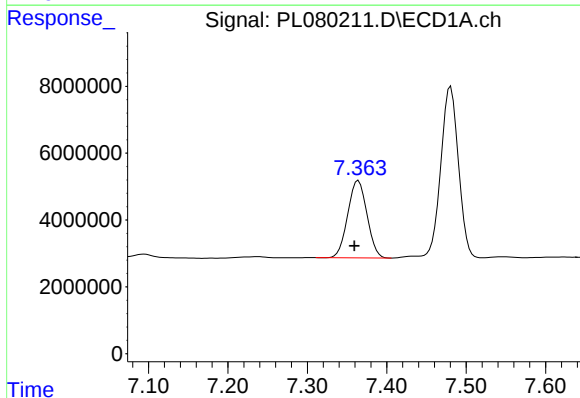
R.T.: 6.996 min
Delta R.T.: 0.004 min
Response: 70211437
Conc: 42.93 ng/ml

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



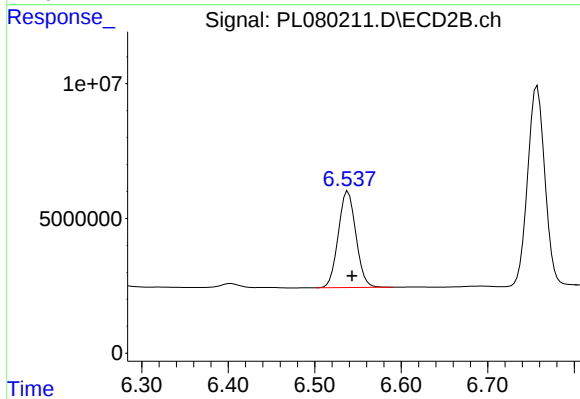
#19 Endosulfan Sulfate

R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 94933102
Conc: 42.73 ng/ml



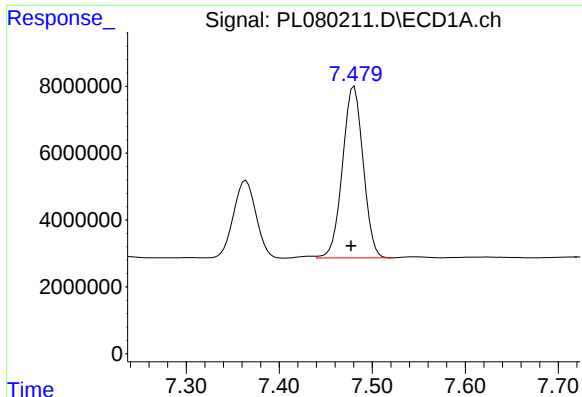
#20 Methoxychlor

R.T.: 7.364 min
Delta R.T.: 0.005 min
Response: 39076717
Conc: 43.94 ng/ml



#20 Methoxychlor

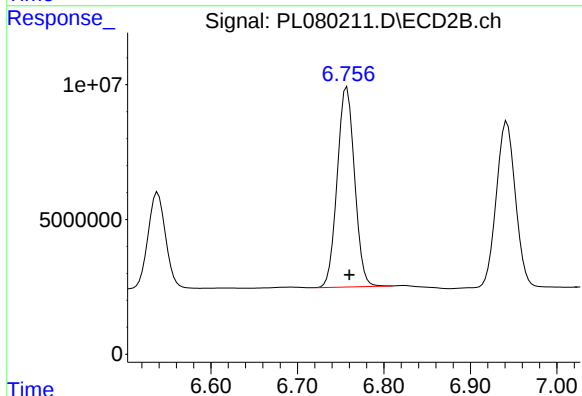
R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 50391570
Conc: 43.97 ng/ml



#21 Endrin ketone

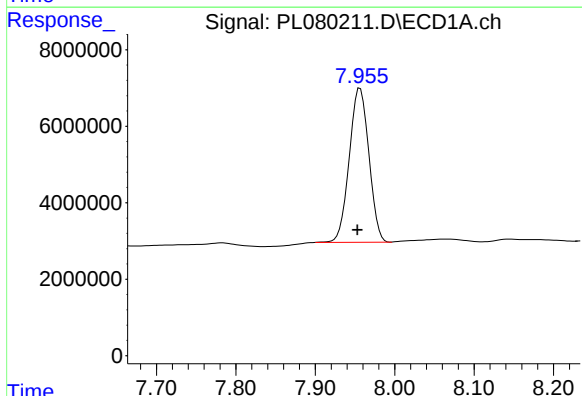
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 79196071
Conc: 44.50 ng/ml

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



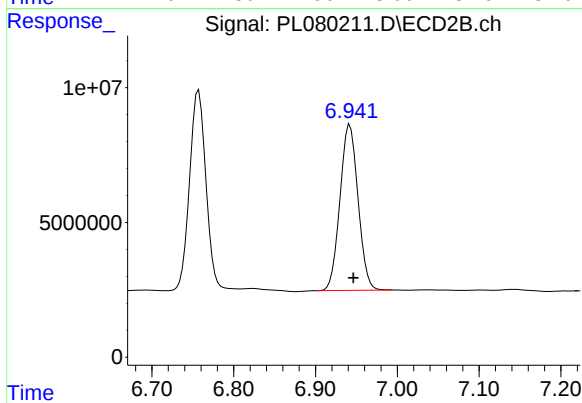
#21 Endrin ketone

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 102909811
Conc: 42.23 ng/ml



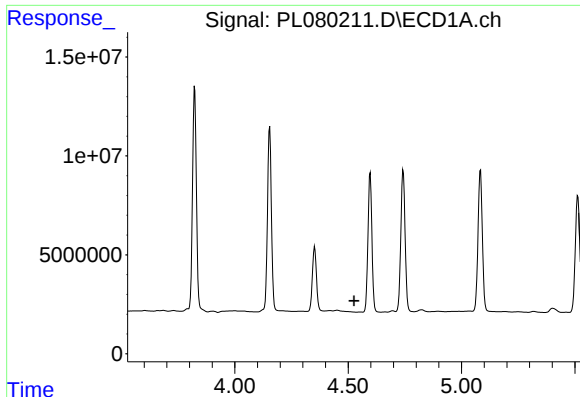
#22 Mirex

R.T.: 7.957 min
Delta R.T.: 0.003 min
Response: 69237903
Conc: 44.65 ng/ml



#22 Mirex

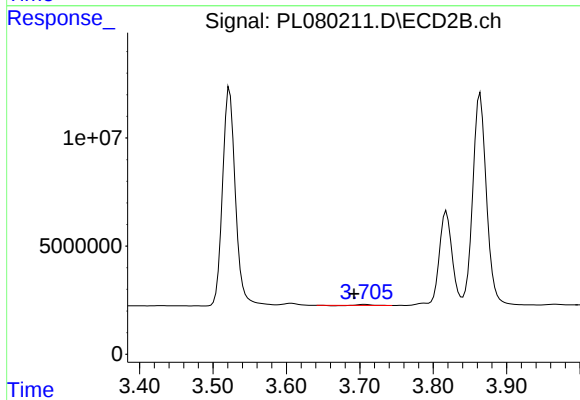
R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 94027057
Conc: 45.55 ng/ml



#23 Chlordane-1

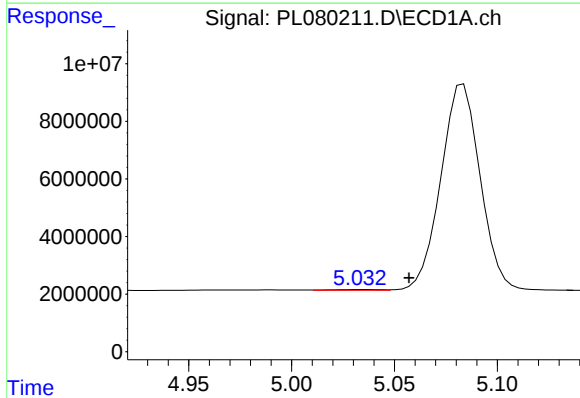
R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.

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



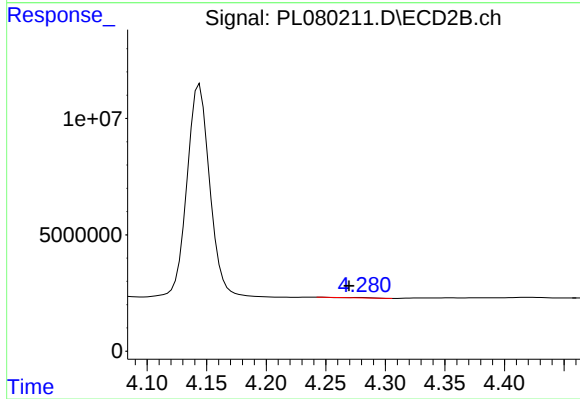
#23 Chlordane-1

R.T.: 3.707 min
Delta R.T.: 0.014 min
Response: 404192
Conc: 5.19 ng/ml



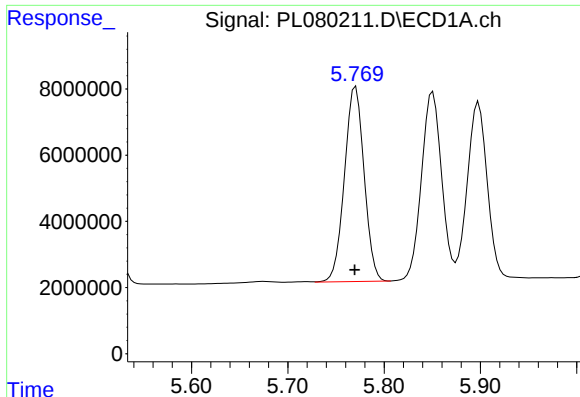
#24 Chlordane-2

R.T.: 5.034 min
Delta R.T.: -0.023 min
Response: 447648
Conc: 6.20 ng/ml



#24 Chlordane-2

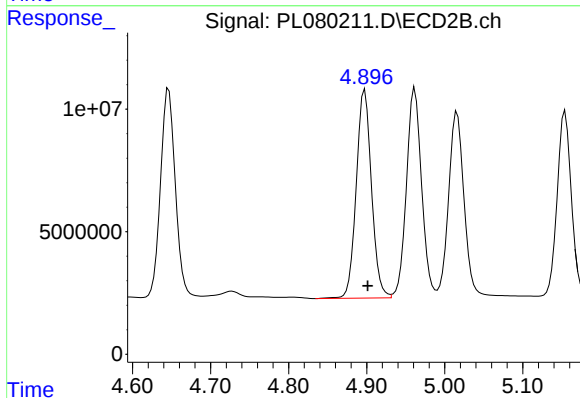
R.T.: 4.278 min
Delta R.T.: 0.009 min
Response: 251871
Conc: 2.89 ng/ml



#25 Chlordane-3

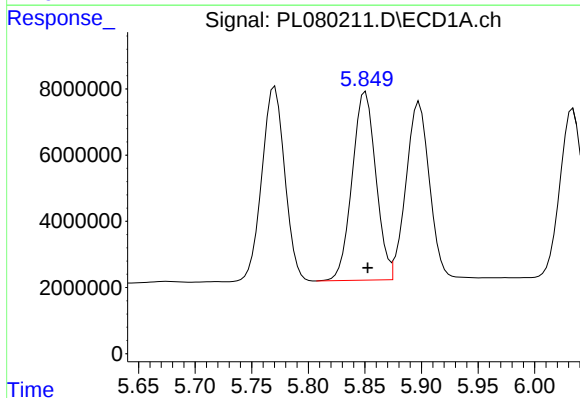
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 83095358
Conc: 332.17 ng/ml

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



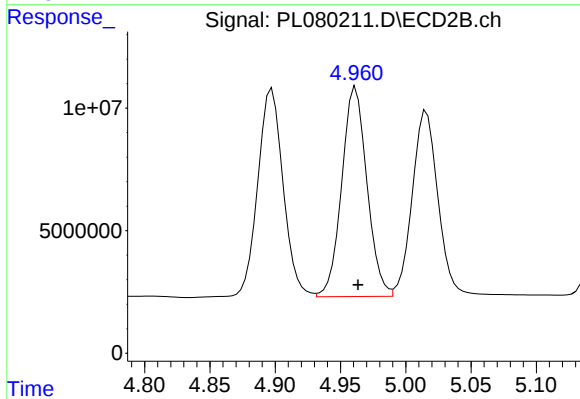
#25 Chlordane-3

R.T.: 4.898 min
Delta R.T.: -0.004 min
Response: 115474578
Conc: 441.41 ng/ml



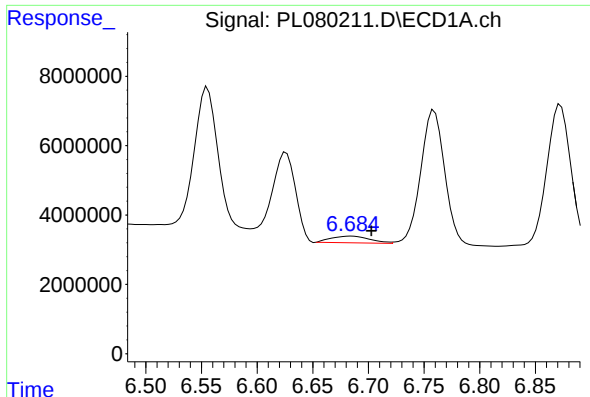
#26 Chlordane-4

R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 82913969
Conc: 268.40 ng/ml



#26 Chlordane-4

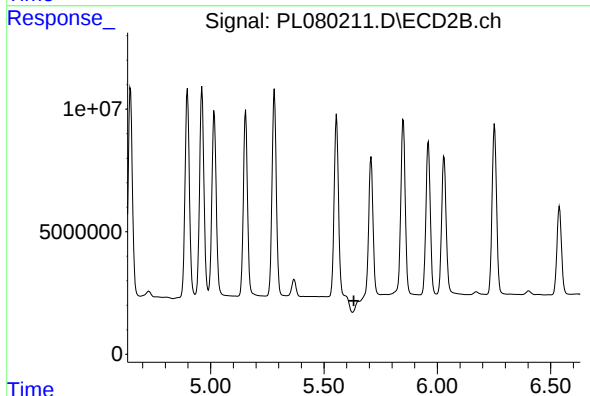
R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 114956485
Conc: 436.79 ng/ml



#27 Chlordane-5

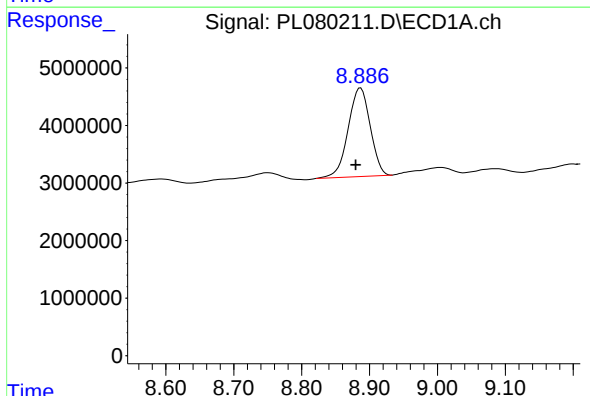
R.T.: 6.684 min
Delta R.T.: -0.018 min
Response: 4672185
Conc: 73.05 ng/ml

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



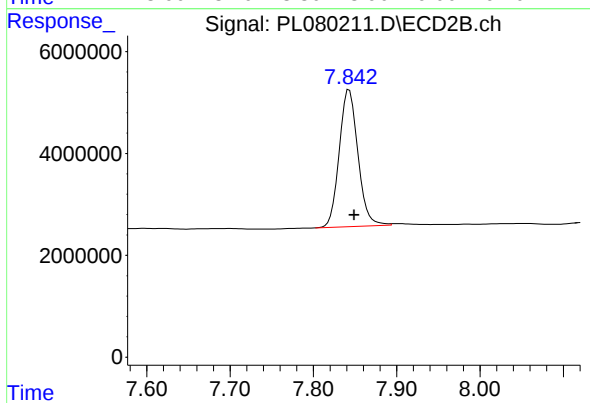
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: 0.007 min
Response: 34821770
Conc: 20.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: -0.006 min
Response: 41922145
Conc: 18.56 ng/ml