

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010623\
 Data File : PL080160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2023 17:11
 Operator : AR\AJ
 Sample : 01043-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

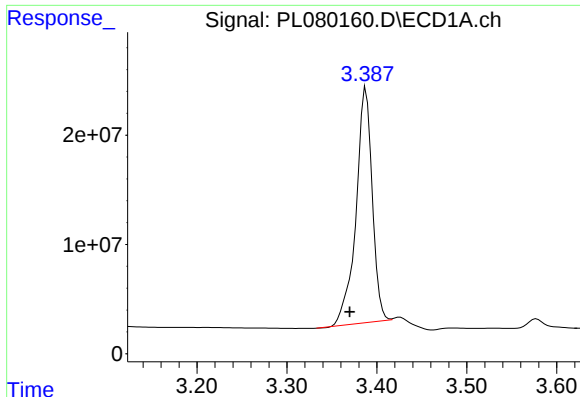
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 21:13:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.388f	2.693	268.5E6	37946107	134.993	16.688 #
28)	SA Decachlor...	8.884	7.845	30178273	36997934	17.589	16.376
Target Compounds							
2)	A alpha-BHC	3.822	3.194	144.1E6	137.1E6	50.449	40.931
3)	MA gamma-BHC...	4.153	3.523	106.1E6	129.8E6	53.968	42.318
4)	MA Heptachlor	4.742	3.865	106.2E6	133.8E6	47.767	43.114
5)	MB Aldrin	5.082	4.145	99629569	140.4E6	50.208	47.589
6)	B beta-BHC	4.351	3.818	42645737	55125401	46.589	41.089
7)	B delta-BHC	4.596	4.048	84495126	110.4E6	42.067	37.560
8)	B Heptachlo...	5.512	4.647	86851807	117.7E6	47.732	42.952
9)	A Endosulfan I	5.897	5.016	81407588	110.6E6	47.442	42.689
10)	B gamma-Chl...	5.769	4.898	88356743	121.9E6	48.975	43.692
11)	B alpha-Chl...	5.849	4.962	87156957	121.4E6	48.465	43.450
12)	B 4,4'-DDE	6.033	5.155	77195429	106.1E6	49.040	45.719
13)	MA Dieldrin	6.175	5.282	85348963	118.3E6	49.860	45.213
14)	MA Endrin	6.404	5.556	75016517	105.4E6	48.915	46.840
15)	B Endosulfa...	6.626	5.850	74620051	105.2E6	48.494	48.464
16)	A 4,4'-DDD	6.554	5.709	66616745	81363019	50.618	44.091
17)	MA 4,4'-DDT	6.871	5.961	69053563	91593768	46.191	44.983
18)	B Endrin al...	6.758	6.030	63574548	84922312	52.316	48.366
19)	B Endosulfa...	6.995	6.253	75516412	97405422	46.177	43.842
20)	A Methoxychlor	7.362	6.540	42978123	52282391	48.330	45.619
21)	B Endrin ke...	7.479	6.758	86789813	109.0E6	48.765	44.706
22)	Mirex	7.955	6.944	77417606	96293939	49.929	46.652
23)	Chlordane-1	0.000	3.711f	0	2962315	N.D.	38.053 #
24)	Chlordane-2	5.082f	0.000	99629569	0	1379.021	N.D. #
25)	Chlordane-3	5.769	4.898	88356743	121.9E6	353.201	466.151 #
26)	Chlordane-4	5.849	4.962	87156957	121.4E6	282.135	461.255 #
27)	Chlordane-5	6.685f	5.646	1879364	650106	29.382	8.837 #

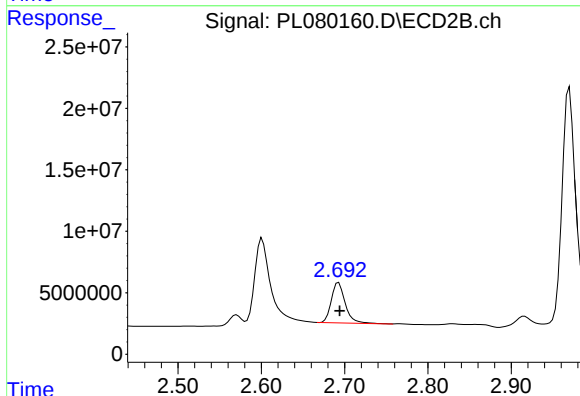
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

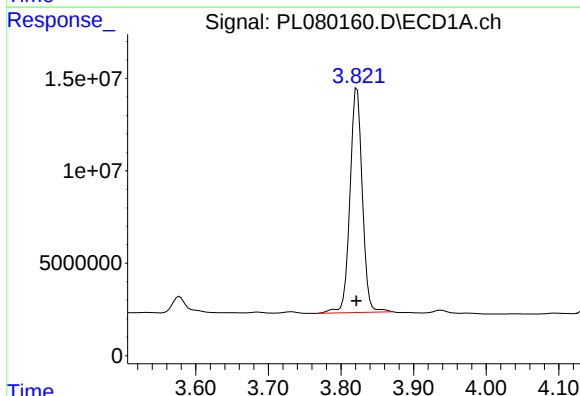
R.T.: 3.388 min
Delta R.T.: 0.018 min
Response: 268522483
Conc: 134.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



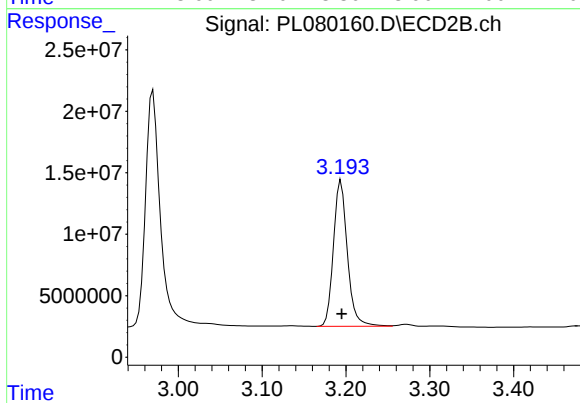
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: -0.001 min
Response: 37946107
Conc: 16.69 ng/ml



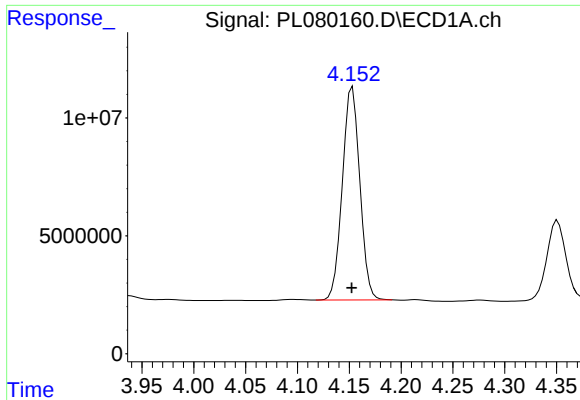
#2 alpha-BHC

R.T.: 3.822 min
Delta R.T.: 0.001 min
Response: 144136681
Conc: 50.45 ng/ml



#2 alpha-BHC

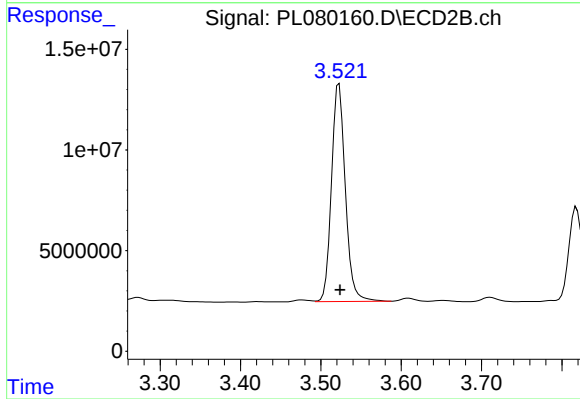
R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 137086257
Conc: 40.93 ng/ml



#3 gamma-BHC (Lindane)

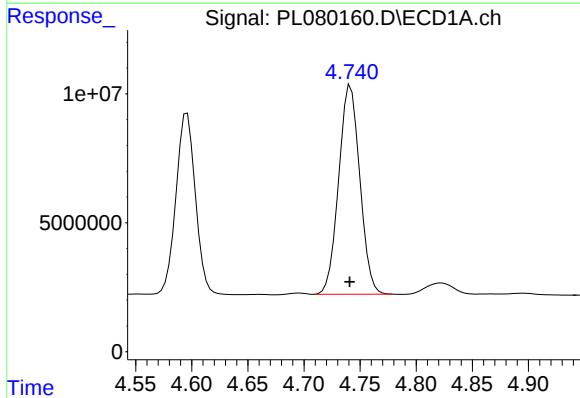
R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 106064898
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



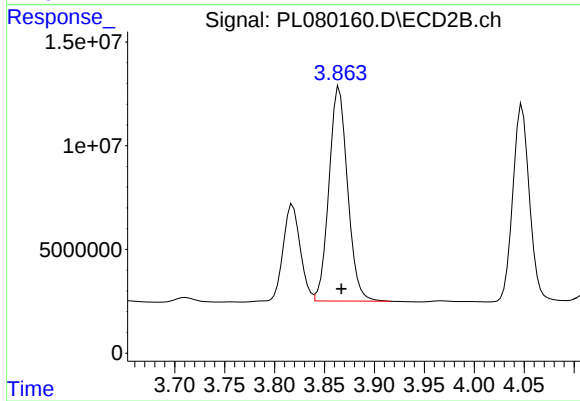
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 129776834
Conc: 42.32 ng/ml



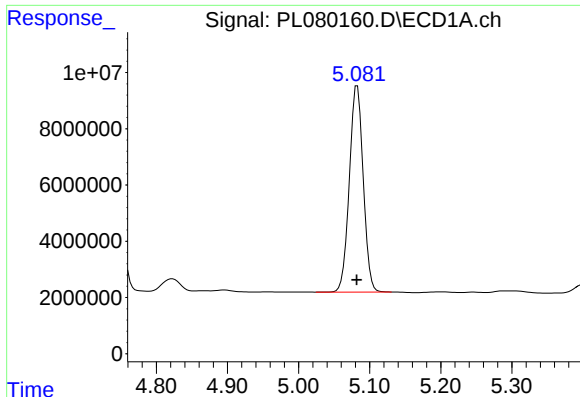
#4 Heptachlor

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 106218420
Conc: 47.77 ng/ml



#4 Heptachlor

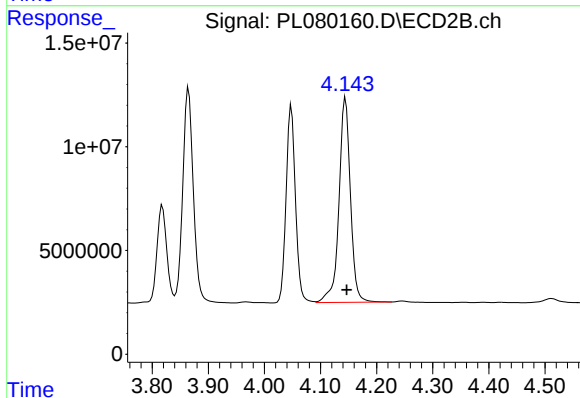
R.T.: 3.865 min
Delta R.T.: -0.002 min
Response: 133840217
Conc: 43.11 ng/ml



#5 Aldrin

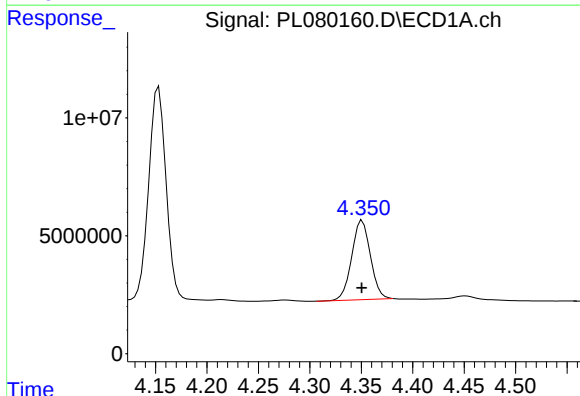
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 99629569
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



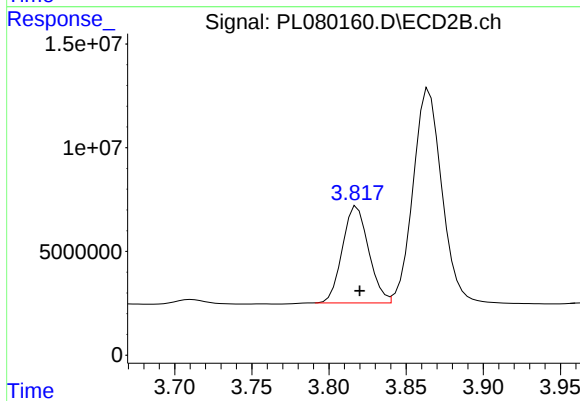
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 140435289
Conc: 47.59 ng/ml



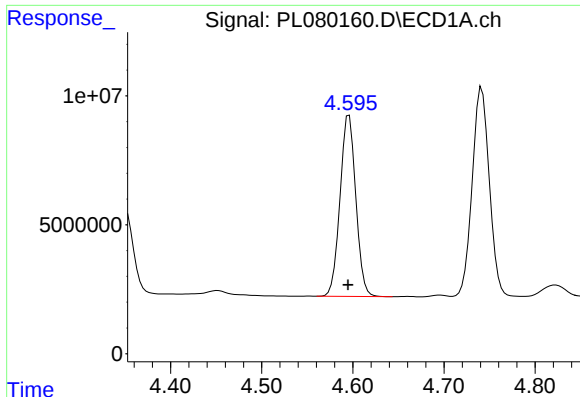
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 42645737
Conc: 46.59 ng/ml



#6 beta-BHC

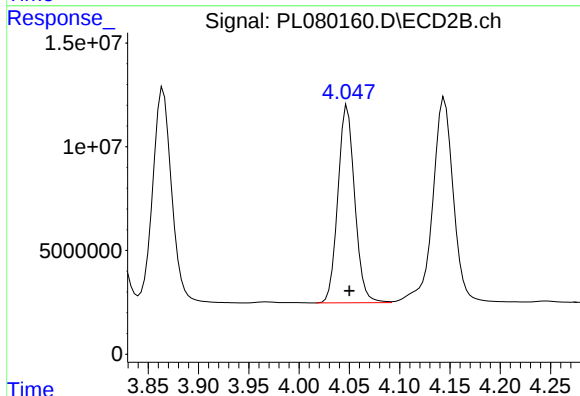
R.T.: 3.818 min
Delta R.T.: -0.002 min
Response: 55125401
Conc: 41.09 ng/ml



#7 delta-BHC

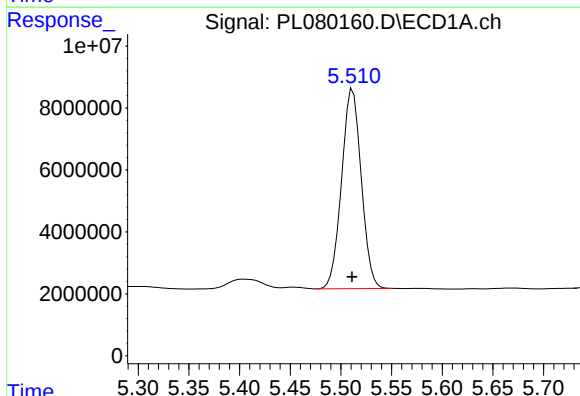
R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 84495126
Conc: 42.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



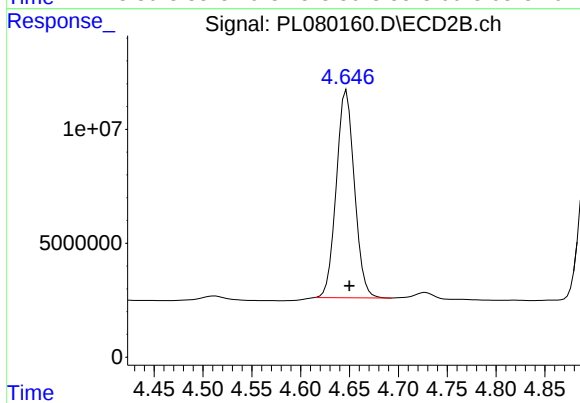
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 110431364
Conc: 37.56 ng/ml



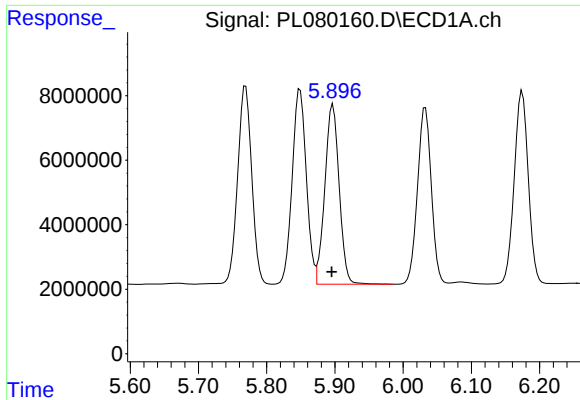
#8 Heptachlor epoxide

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 86851807
Conc: 47.73 ng/ml



#8 Heptachlor epoxide

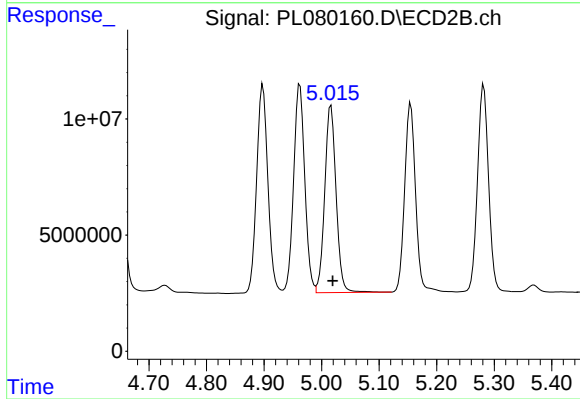
R.T.: 4.647 min
Delta R.T.: -0.003 min
Response: 117669230
Conc: 42.95 ng/ml



#9 Endosulfan I

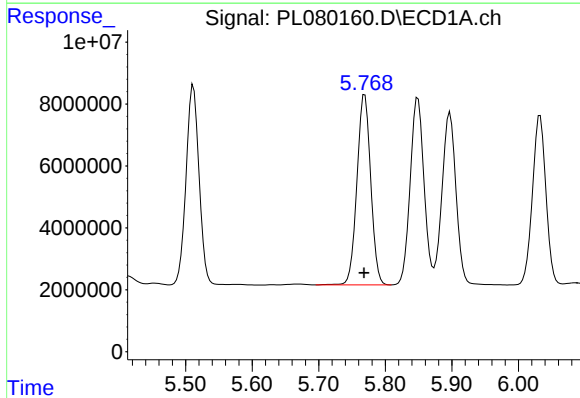
R.T.: 5.897 min
Delta R.T.: 0.002 min
Response: 81407588
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



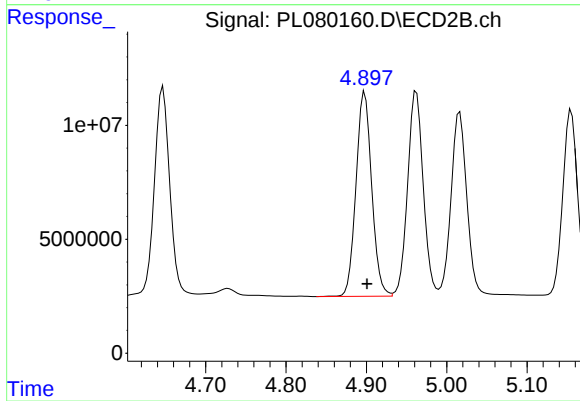
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 110567534
Conc: 42.69 ng/ml



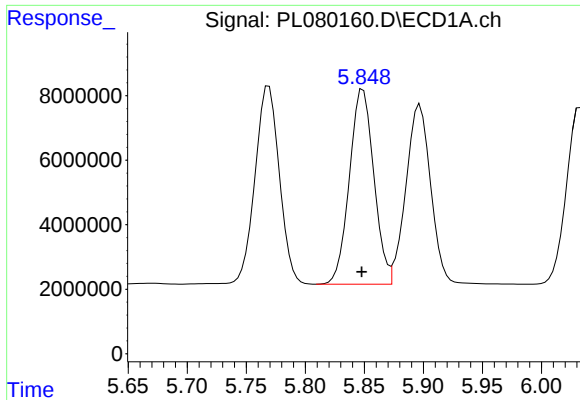
#10 gamma-Chlordane

R.T.: 5.769 min
Delta R.T.: 0.001 min
Response: 88356743
Conc: 48.97 ng/ml



#10 gamma-Chlordane

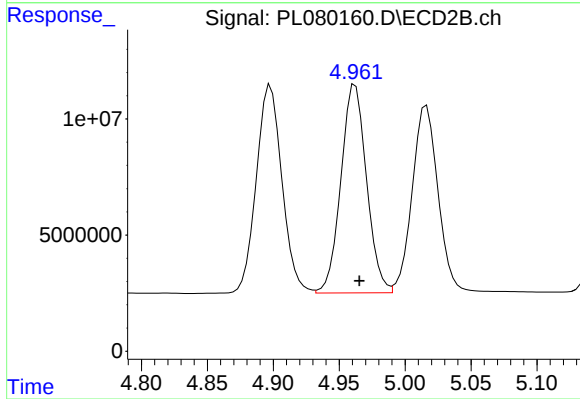
R.T.: 4.898 min
Delta R.T.: -0.003 min
Response: 121945577
Conc: 43.69 ng/ml



#11 alpha-Chlordane

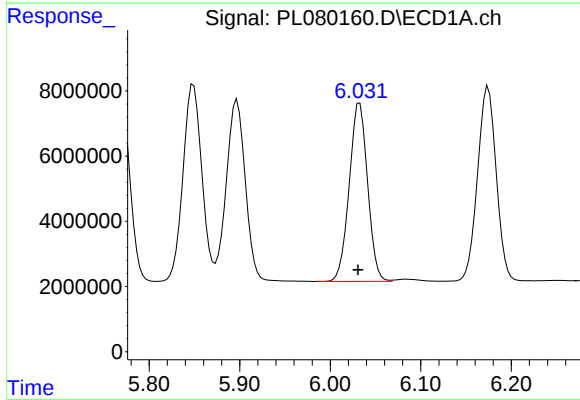
R.T.: 5.849 min
Delta R.T.: 0.001 min
Response: 87156957
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



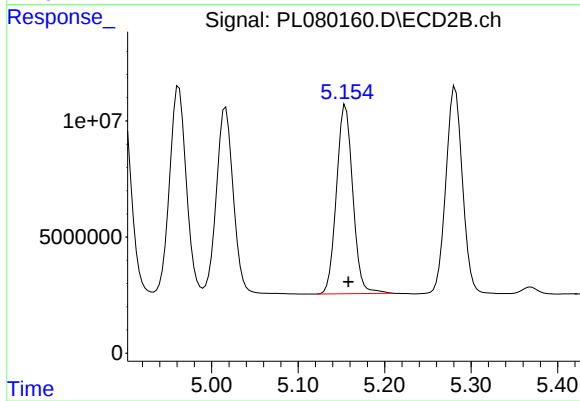
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 121394304
Conc: 43.45 ng/ml



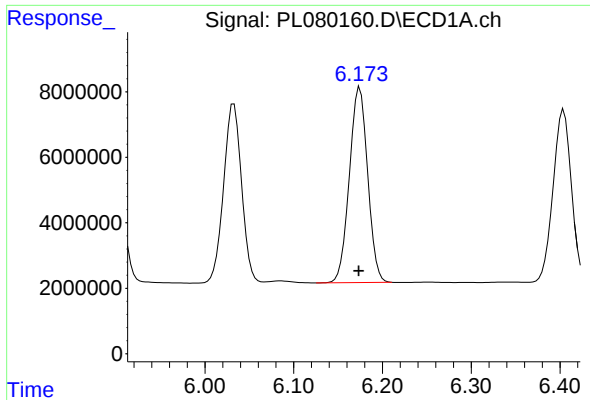
#12 4,4'-DDE

R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 77195429
Conc: 49.04 ng/ml



#12 4,4'-DDE

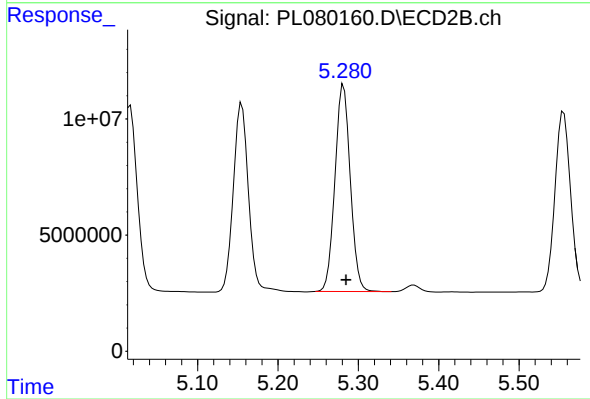
R.T.: 5.155 min
Delta R.T.: -0.003 min
Response: 106081696
Conc: 45.72 ng/ml



#13 Dieldrin

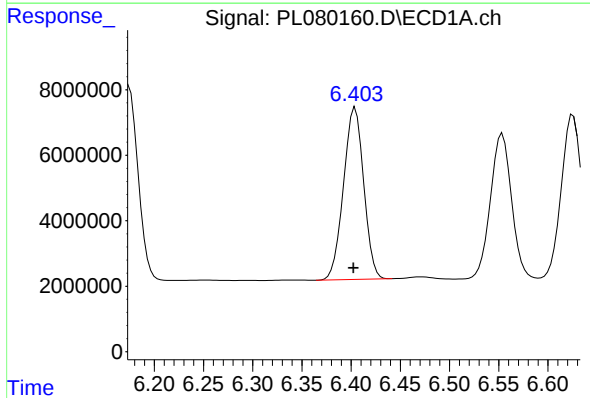
R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 85348963
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



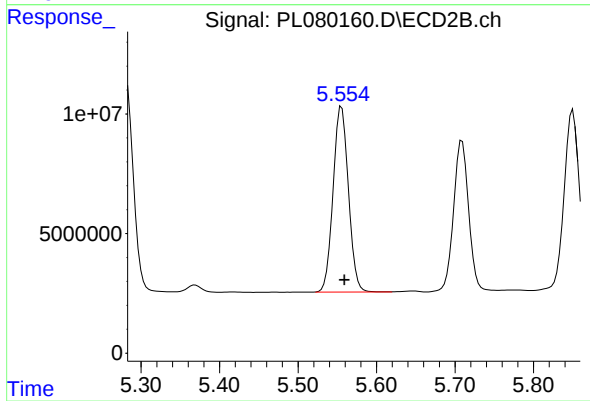
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.003 min
Response: 118258882
Conc: 45.21 ng/ml



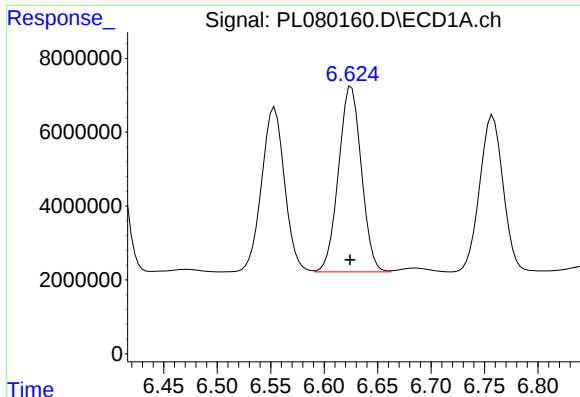
#14 Endrin

R.T.: 6.404 min
Delta R.T.: 0.002 min
Response: 75016517
Conc: 48.91 ng/ml



#14 Endrin

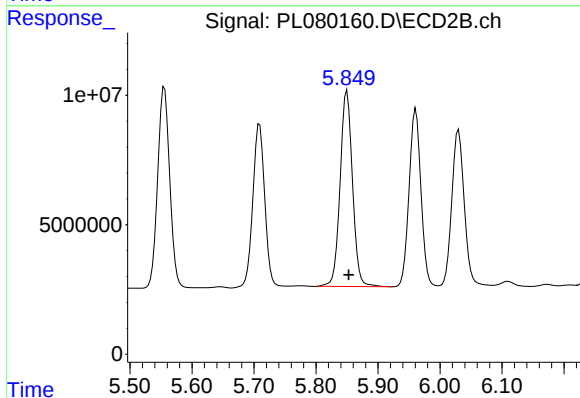
R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 105413657
Conc: 46.84 ng/ml



#15 Endosulfan II

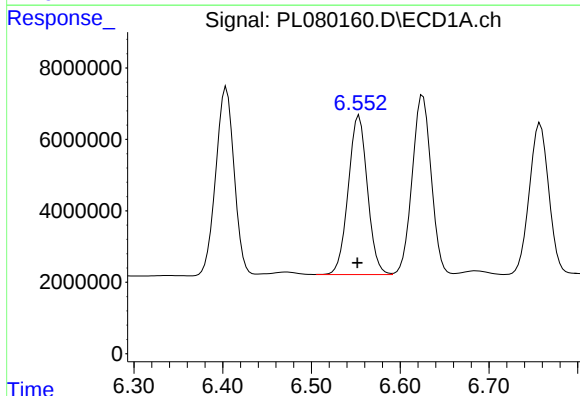
R.T.: 6.626 min
Delta R.T.: 0.001 min
Response: 74620051
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



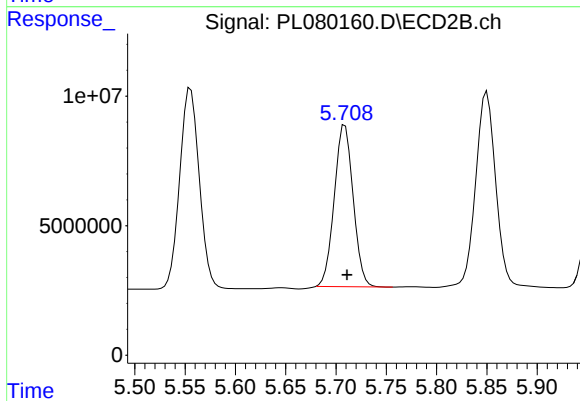
#15 Endosulfan II

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 105221486
Conc: 48.46 ng/ml



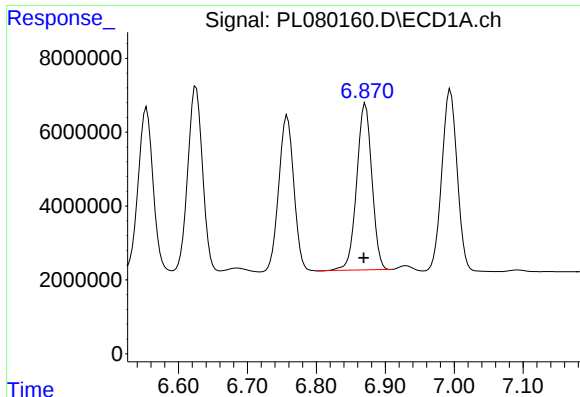
#16 4,4'-DDD

R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 66616745
Conc: 50.62 ng/ml



#16 4,4'-DDD

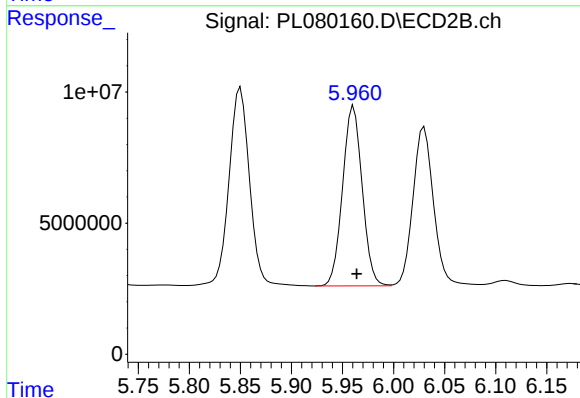
R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 81363019
Conc: 44.09 ng/ml



#17 4,4'-DDT

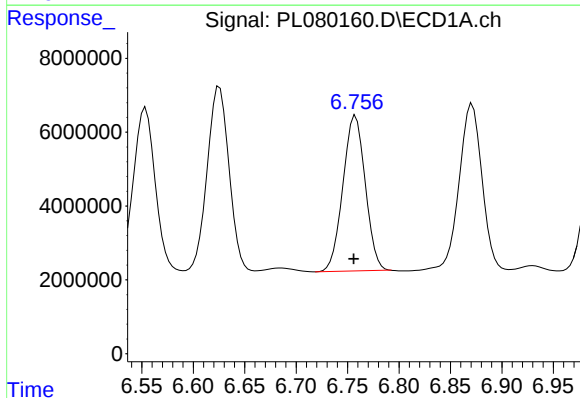
R.T.: 6.871 min
Delta R.T.: 0.002 min
Response: 69053563
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



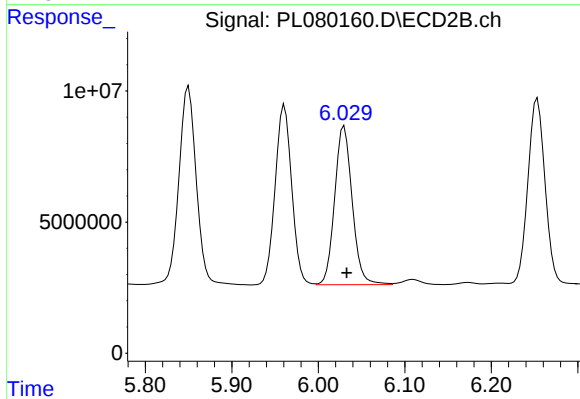
#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 91593768
Conc: 44.98 ng/ml



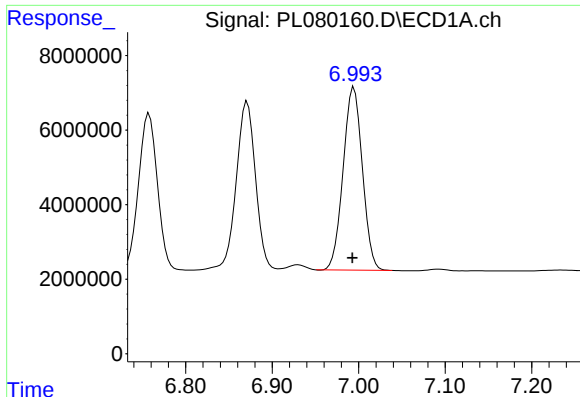
#18 Endrin aldehyde

R.T.: 6.758 min
Delta R.T.: 0.002 min
Response: 63574548
Conc: 52.32 ng/ml



#18 Endrin aldehyde

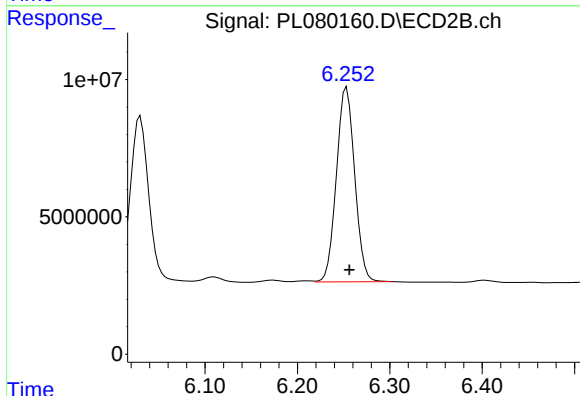
R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 84922312
Conc: 48.37 ng/ml



#19 Endosulfan Sulfate

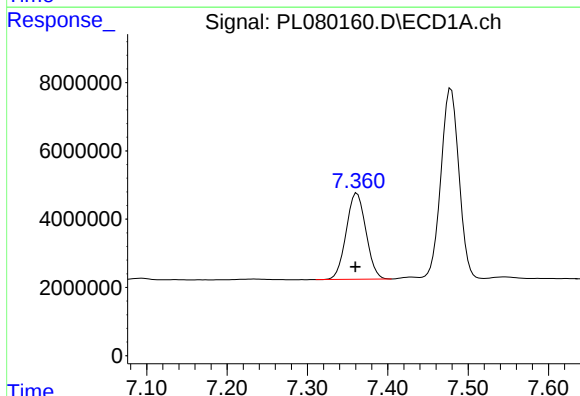
R.T.: 6.995 min
Delta R.T.: 0.002 min
Response: 75516412
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



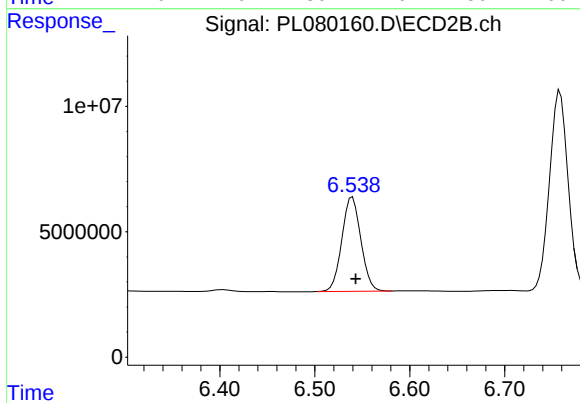
#19 Endosulfan Sulfate

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 97405422
Conc: 43.84 ng/ml



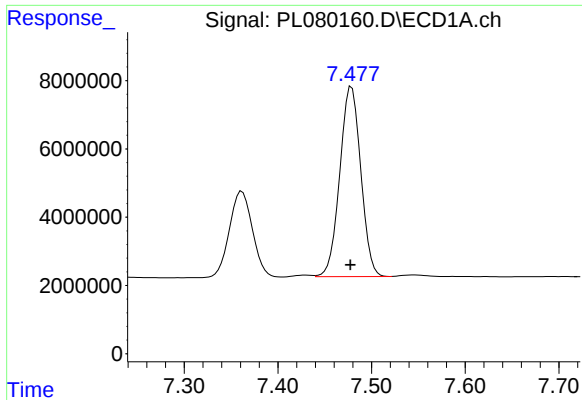
#20 Methoxychlor

R.T.: 7.362 min
Delta R.T.: 0.002 min
Response: 42978123
Conc: 48.33 ng/ml



#20 Methoxychlor

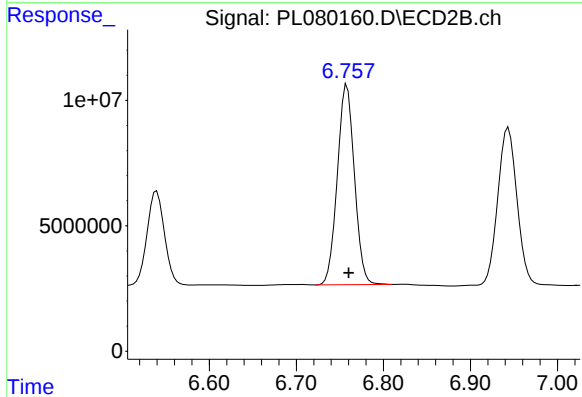
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 52282391
Conc: 45.62 ng/ml



#21 Endrin ketone

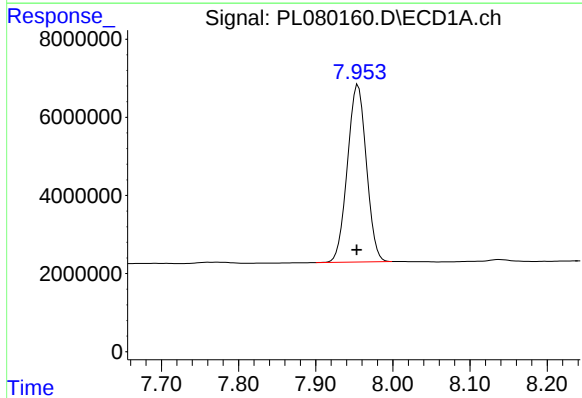
R.T.: 7.479 min
Delta R.T.: 0.001 min
Response: 86789813
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



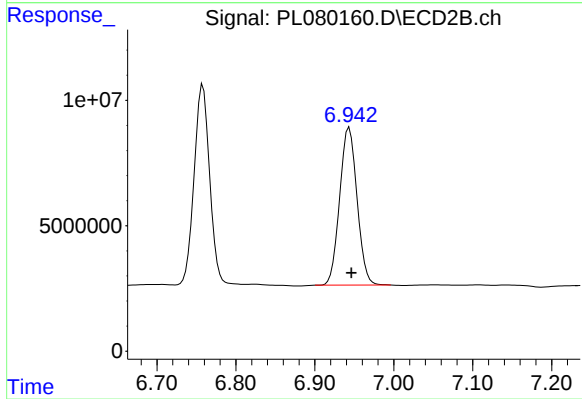
#21 Endrin ketone

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 108950060
Conc: 44.71 ng/ml



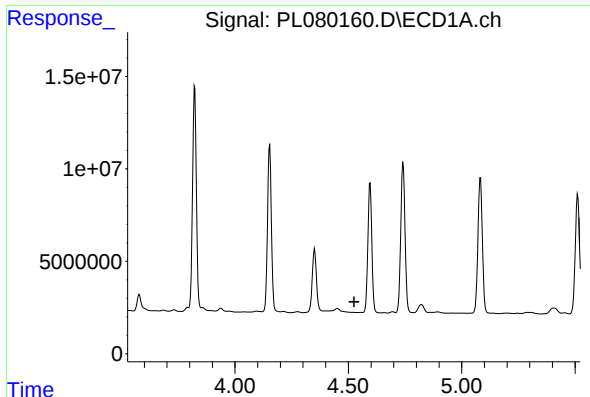
#22 Mirex

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 77417606
Conc: 49.93 ng/ml



#22 Mirex

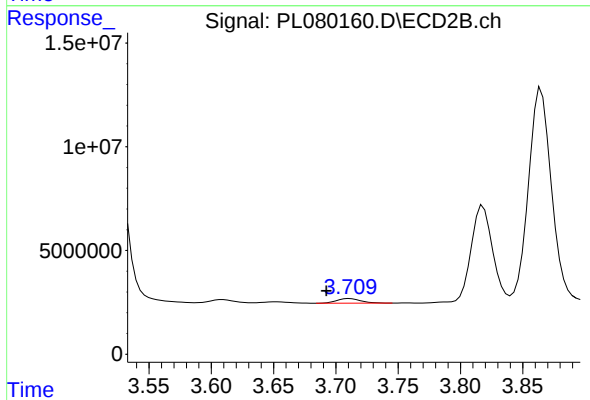
R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 96293939
Conc: 46.65 ng/ml



#23 Chlordane-1

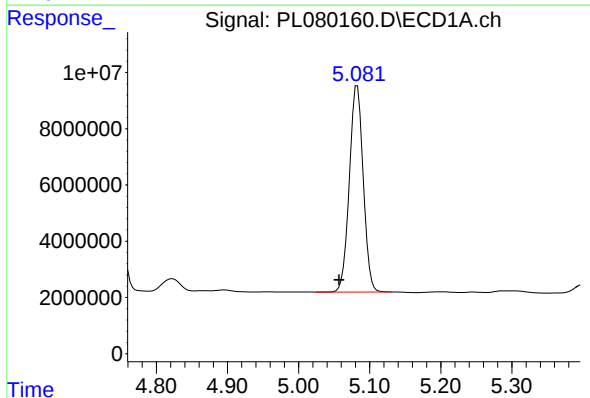
R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



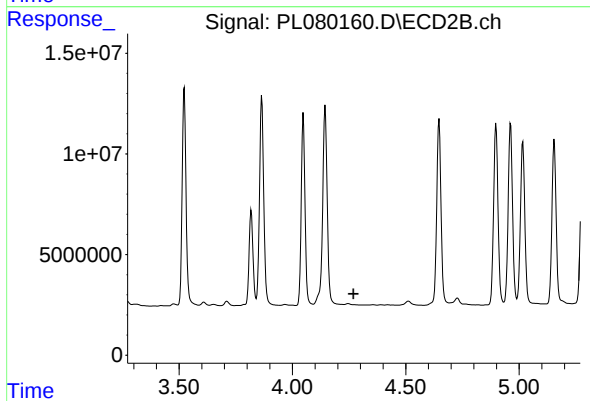
#23 Chlordane-1

R.T.: 3.711 min
Delta R.T.: 0.019 min
Response: 2962315
Conc: 38.05 ng/ml



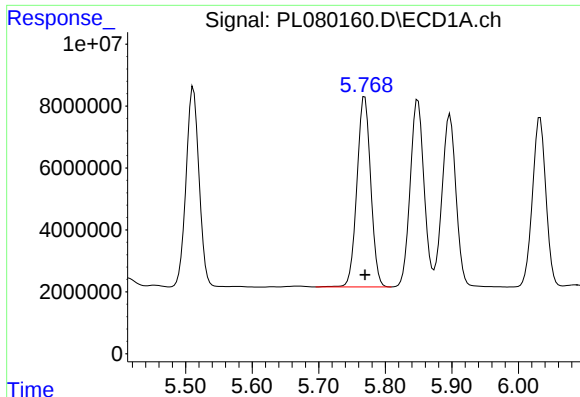
#24 Chlordane-2

R.T.: 5.082 min
Delta R.T.: 0.025 min
Response: 99629569
Conc: 1379.02 ng/ml



#24 Chlordane-2

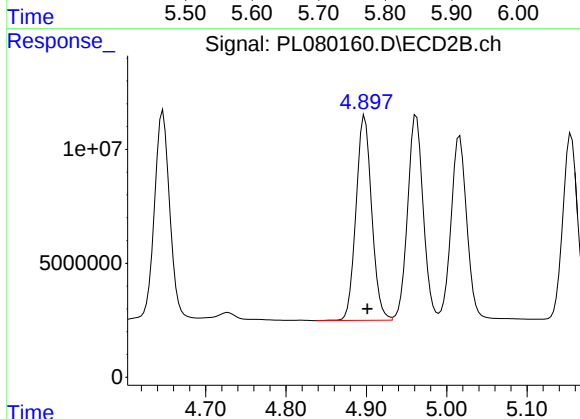
R.T.: 0.000 min
Exp R.T.: 4.270 min
Response: 0
Conc: N.D.



#25 Chlordane-3

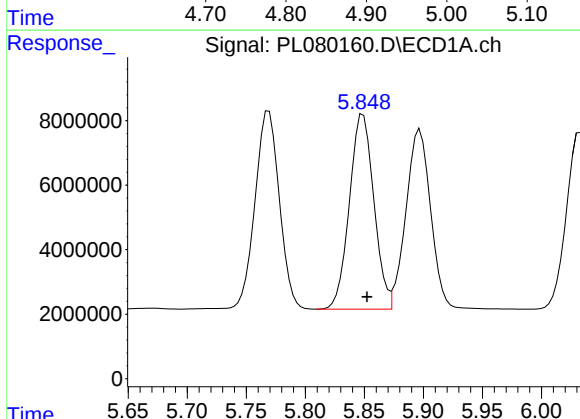
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 88356743
Conc: 353.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



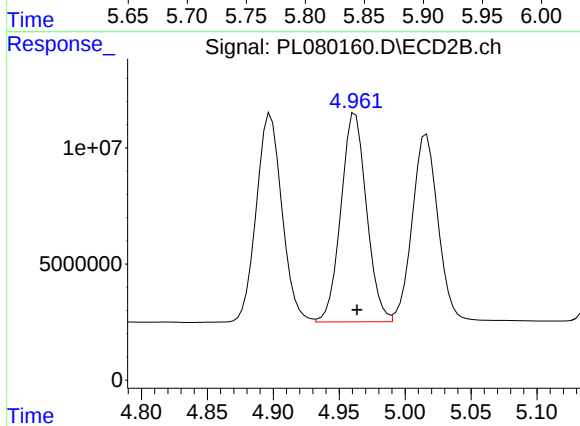
#25 Chlordane-3

R.T.: 4.898 min
Delta R.T.: -0.003 min
Response: 121945577
Conc: 466.15 ng/ml



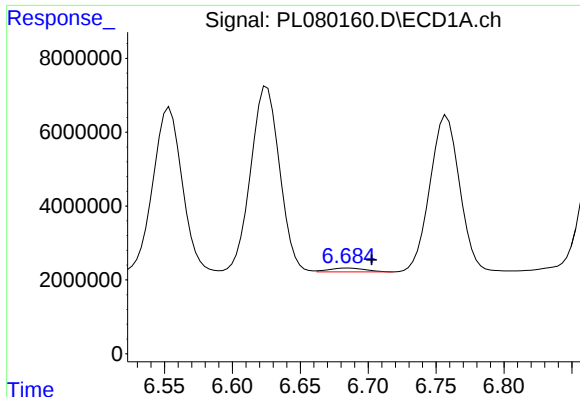
#26 Chlordane-4

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 87156957
Conc: 282.14 ng/ml



#26 Chlordane-4

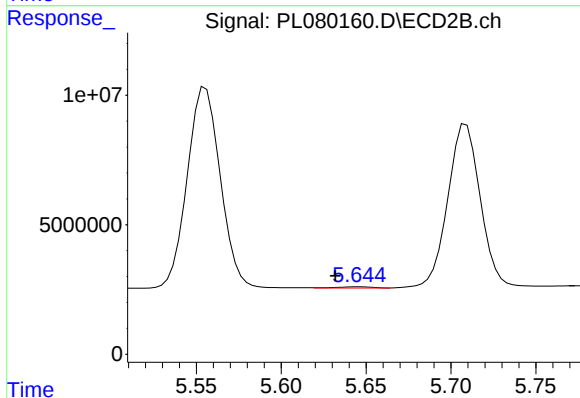
R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 121394304
Conc: 461.25 ng/ml



#27 Chlordane-5

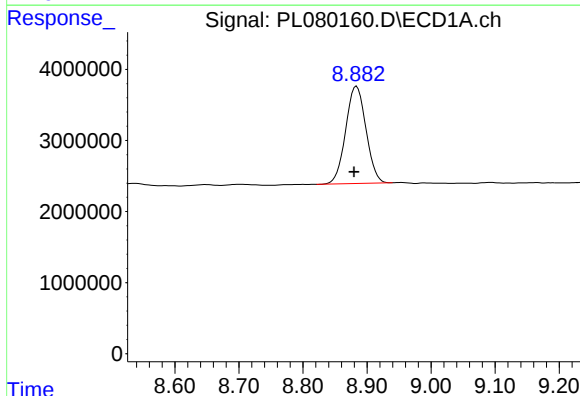
R.T.: 6.685 min
Delta R.T.: -0.018 min
Response: 1879364
Conc: 29.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



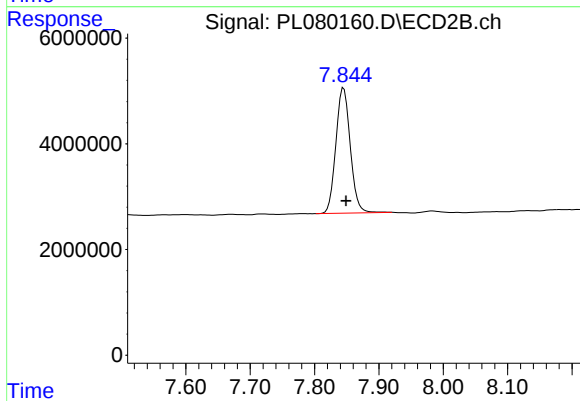
#27 Chlordane-5

R.T.: 5.646 min
Delta R.T.: 0.014 min
Response: 650106
Conc: 8.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: 0.004 min
Response: 30178273
Conc: 17.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.845 min
Delta R.T.: -0.004 min
Response: 36997934
Conc: 16.38 ng/ml