

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100218\
 Data File : PL040561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2018 13:06
 Operator : AJ\SJ
 Sample : PB113390BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

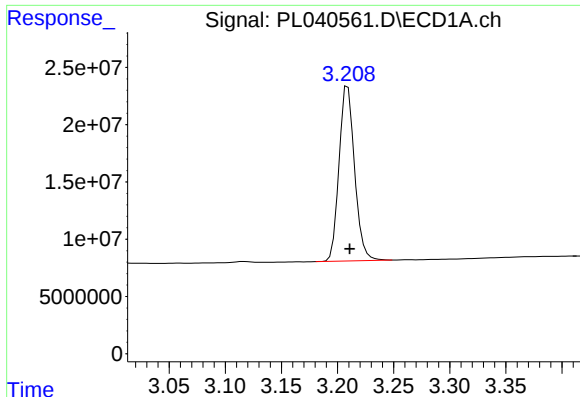
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:41:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092618.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 27 01:27:39 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.209	3.806	147.6E6	54806669	20.159	17.356
28)	SA Decachlor...	7.810	8.730	187.6E6	52690554	19.731	16.638
Target Compounds							
2)	A alpha-BHC	3.631	4.177	623.9E6	217.3E6	53.322	45.841
3)	MA gamma-BHC...	3.901	4.451	576.0E6	200.0E6	52.980	44.073
4)	MA Heptachlor	4.174	4.950	629.7E6	200.6E6	53.519	47.215
5)	MB Aldrin	4.406	5.245	575.9E6	191.4E6	54.508	45.359
6)	B beta-BHC	4.155	4.614	213.3E6	89957764	50.533	45.021
7)	B delta-BHC	4.341	4.823	605.1E6	205.6E6	54.220	44.542
8)	B Heptachlo...	4.837	5.622	554.2E6	171.4E6	53.543	44.654
9)	A Endosulfan I	5.160	5.969	524.2E6	163.4E6	52.002	43.927
10)	B gamma-Chl...	5.054	5.852	581.3E6	180.1E6	53.523	45.577
11)	B alpha-Chl...	5.110	5.924	560.1E6	178.2E6	53.465	45.419
12)	B 4,4'-DDE	5.280	6.083	573.6E6	179.2E6	51.893	44.501
13)	MA Dieldrin	5.395	6.221	572.3E6	173.5E6	52.249	45.406
14)	MA Endrin	5.645	6.432	521.0E6	150.6E6	52.447	46.099
15)	B Endosulfa...	5.919	6.636	519.3E6	148.8E6	52.126	42.558
16)	A 4,4'-DDD	5.785	6.561	476.7E6	138.1E6	51.637	43.458
17)	MA 4,4'-DDT	6.015	6.857	452.0E6	137.6E6	55.897	45.148
18)	B Endrin al...	6.085	6.758	410.1E6	128.6E6	48.837	42.971
19)	B Endosulfa...	6.295	6.979	490.5E6	141.0E6	51.248	43.847
20)	A Methoxychlor	6.561	7.313	250.7E6	72465019	51.899	47.551
21)	B Endrin ke...	6.770	7.437	555.9E6	147.3E6	51.235	47.924
23)	Chlordane-1	0.000	4.823	0	205.6E6	N.D.	1332.176 #
24)	Chlordane-2	0.000	5.245	0	191.4E6	N.D.	1137.621 #
25)	Chlordane-3	5.054	5.852	581.3E6	180.1E6	452.500	322.941 #
26)	Chlordane-4	5.110	5.924	560.1E6	178.2E6	472.723	270.082 #
27)	Chlordane-5	5.919	6.758	519.3E6	128.6E6	1286.516	1056.296

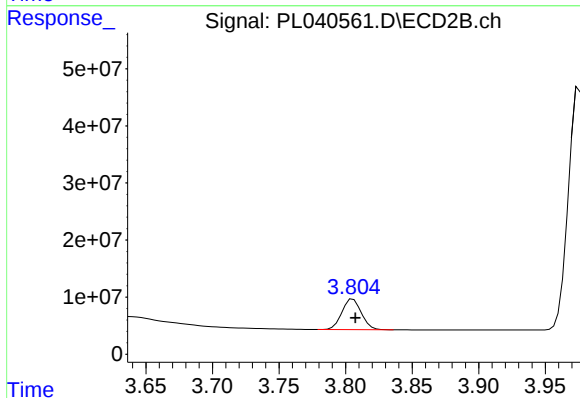
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

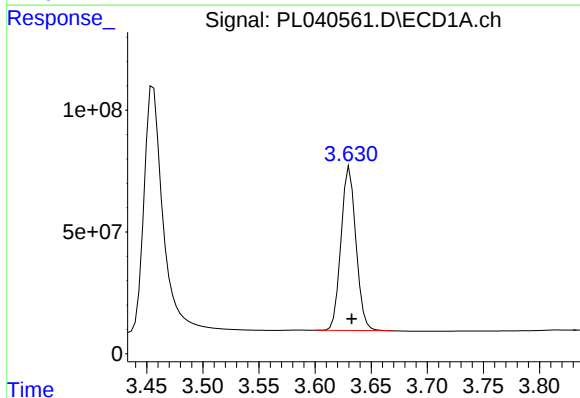
R.T.: 3.209 min
Delta R.T.: -0.002 min
Response: 147567401
Conc: 20.16 ng/ml

Instrument :
ECD_S
ClientSampleId :



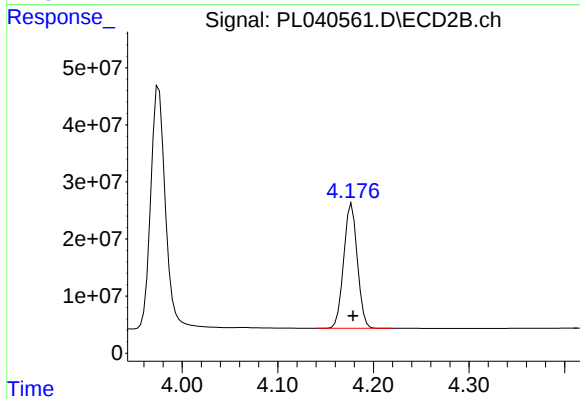
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 54806669
Conc: 17.36 ng/ml



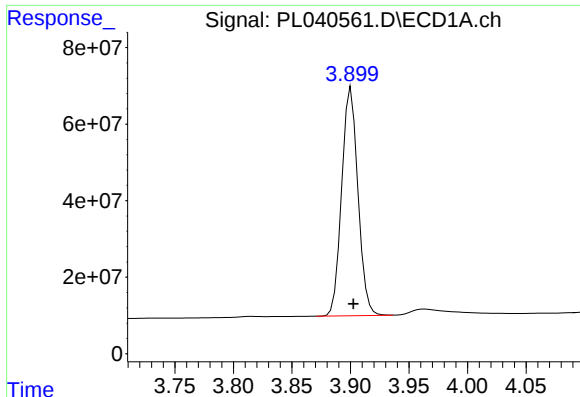
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: -0.002 min
Response: 623893046
Conc: 53.32 ng/ml



#2 alpha-BHC

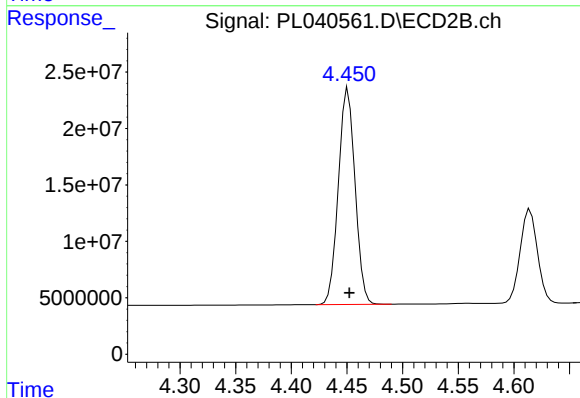
R.T.: 4.177 min
Delta R.T.: -0.001 min
Response: 217341680
Conc: 45.84 ng/ml



#3 gamma-BHC (Lindane)

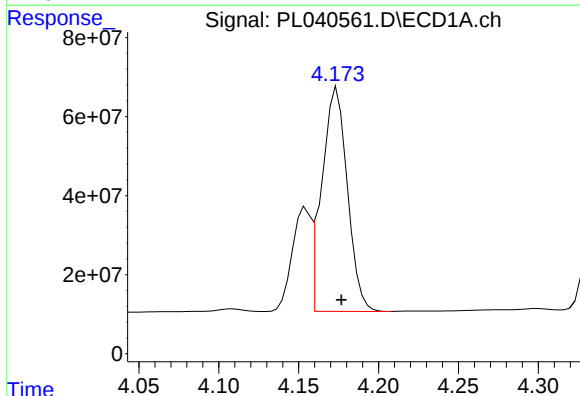
R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 576030841
Conc: 52.98 ng/ml

Instrument :
ECD_S
ClientSampleId :



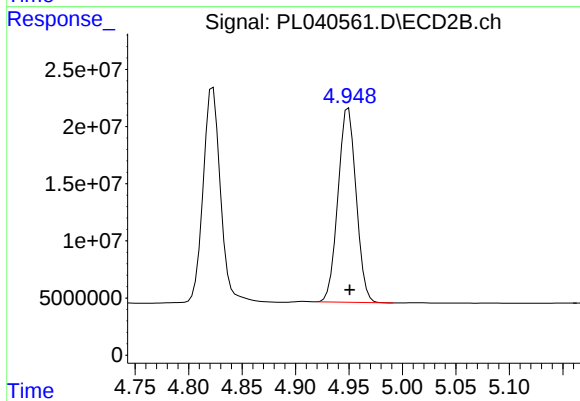
#3 gamma-BHC (Lindane)

R.T.: 4.451 min
Delta R.T.: -0.001 min
Response: 200012872
Conc: 44.07 ng/ml



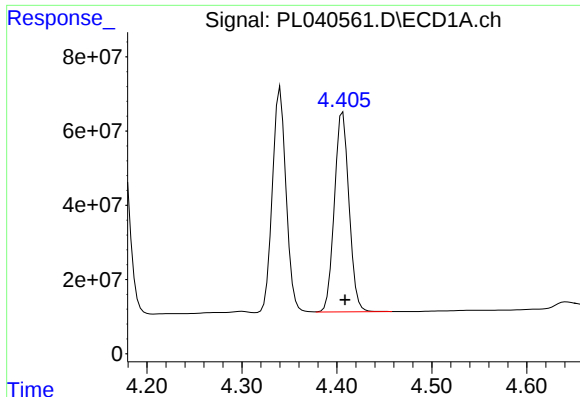
#4 Heptachlor

R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 629746800
Conc: 53.52 ng/ml



#4 Heptachlor

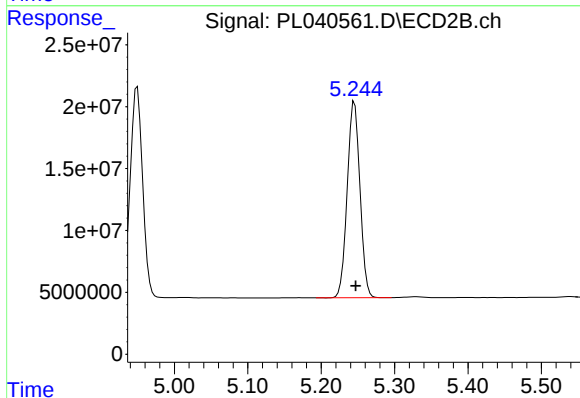
R.T.: 4.950 min
Delta R.T.: -0.001 min
Response: 200563170
Conc: 47.22 ng/ml



#5 Aldrin

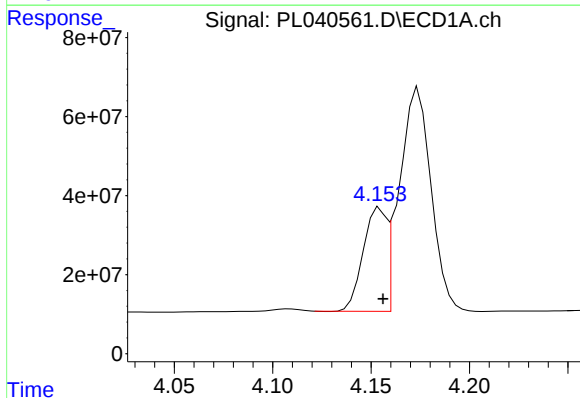
R.T.: 4.406 min
Delta R.T.: -0.002 min
Response: 575947583
Conc: 54.51 ng/ml

Instrument :
ECD_S
ClientSampleId :



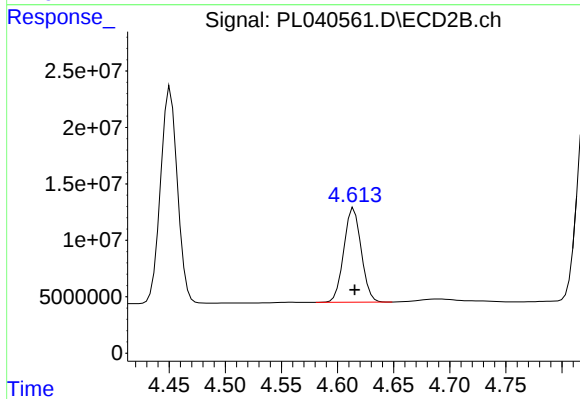
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 191425092
Conc: 45.36 ng/ml



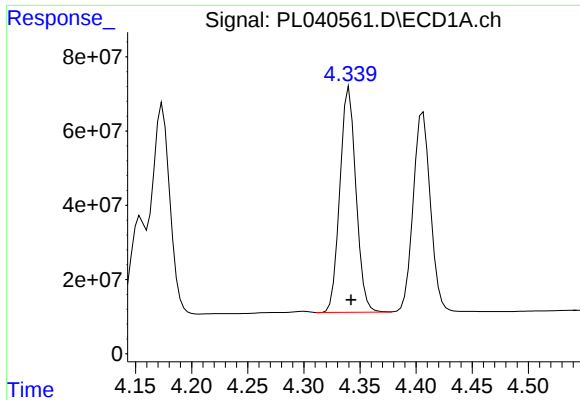
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: -0.001 min
Response: 213293459
Conc: 50.53 ng/ml



#6 beta-BHC

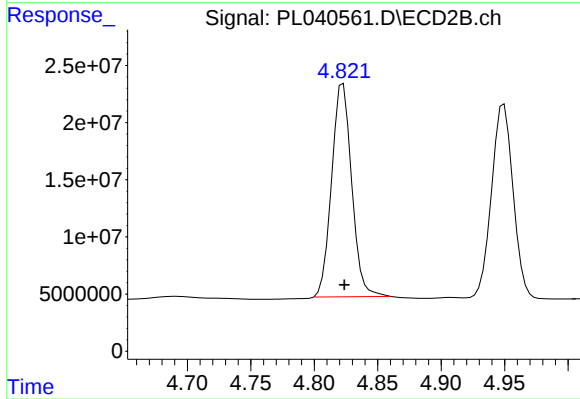
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 89957764
Conc: 45.02 ng/ml



#7 delta-BHC

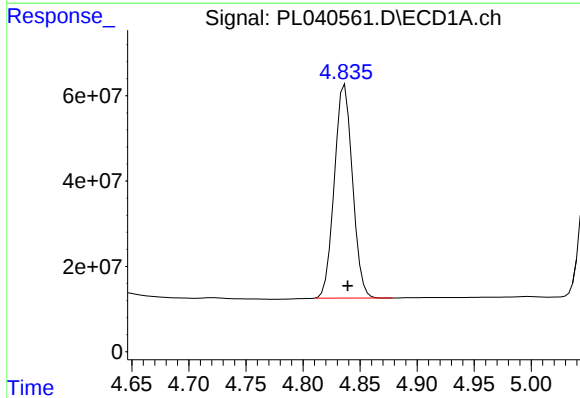
R.T.: 4.341 min
Delta R.T.: -0.002 min
Response: 605132627
Conc: 54.22 ng/ml

Instrument :
ECD_S
ClientSampleId :



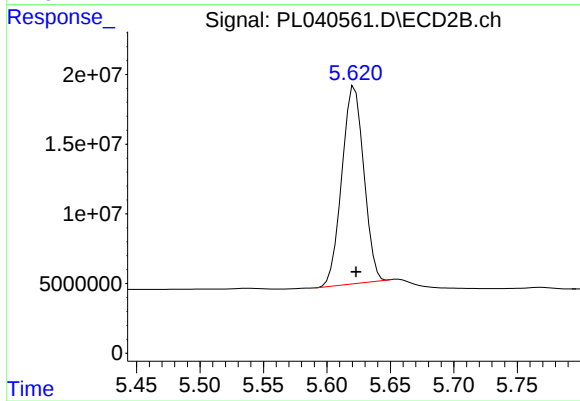
#7 delta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 205591268
Conc: 44.54 ng/ml



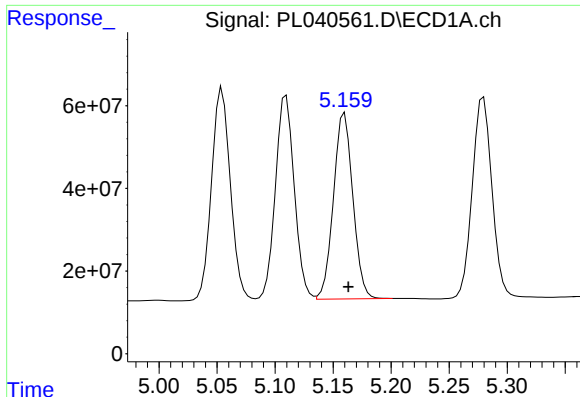
#8 Heptachlor epoxide

R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 554234767
Conc: 53.54 ng/ml



#8 Heptachlor epoxide

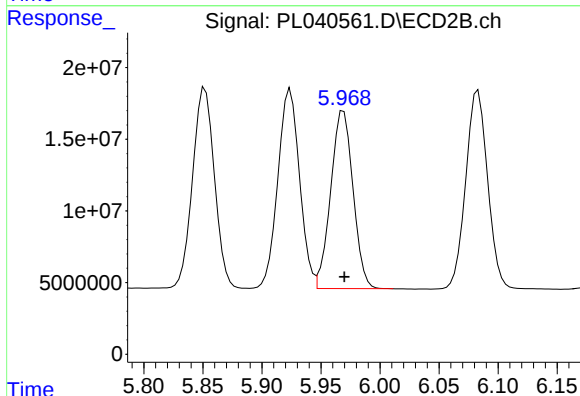
R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 171409760
Conc: 44.65 ng/ml



#9 Endosulfan I

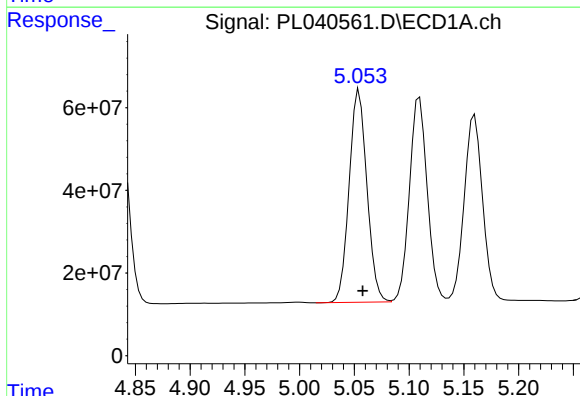
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 524165719
Conc: 52.00 ng/ml

Instrument :
ECD_S
ClientSampleId :



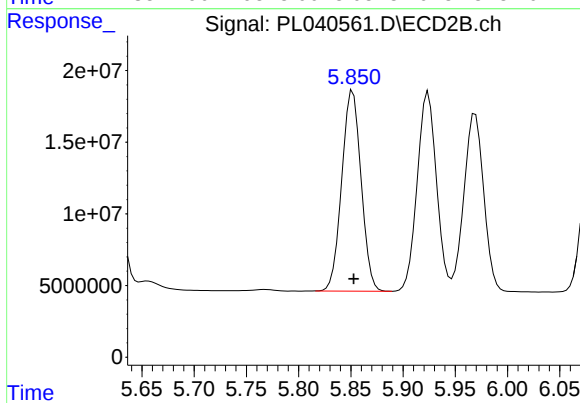
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 163437365
Conc: 43.93 ng/ml



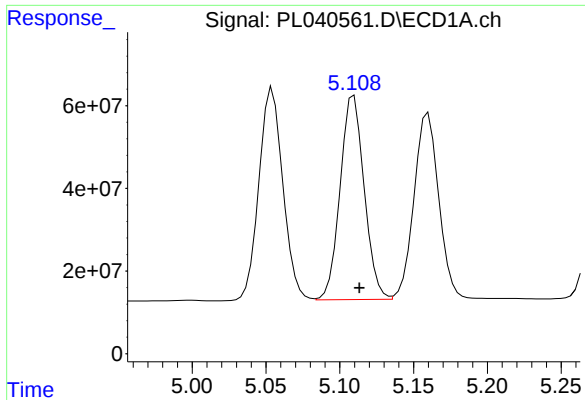
#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 581254725
Conc: 53.52 ng/ml



#10 gamma-Chlordane

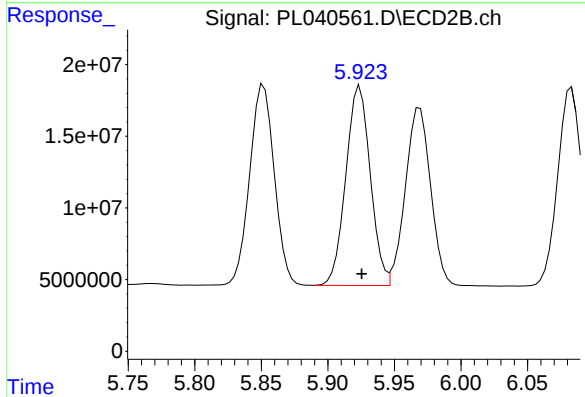
R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 180108909
Conc: 45.58 ng/ml



#11 alpha-Chlordane

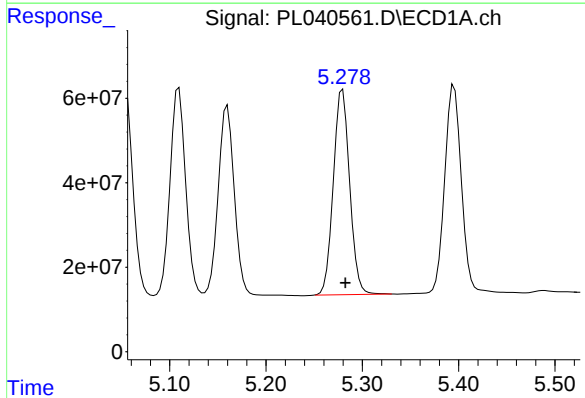
R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 560131395
Conc: 53.47 ng/ml

Instrument :
ECD_S
ClientSampleId :



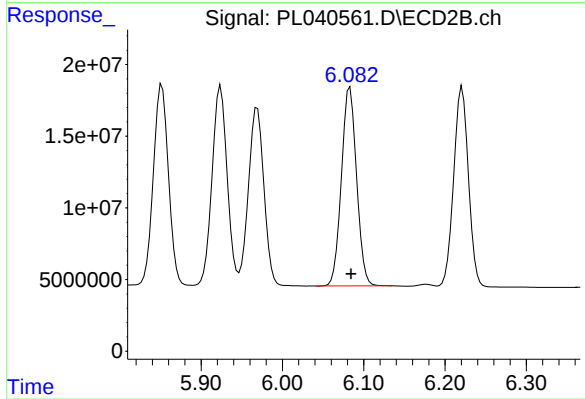
#11 alpha-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 178244192
Conc: 45.42 ng/ml



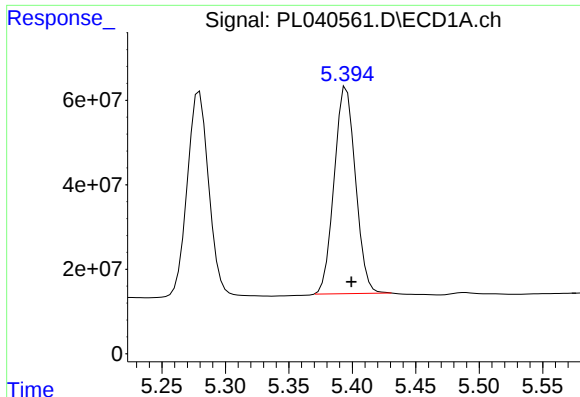
#12 4,4'-DDE

R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 573574680
Conc: 51.89 ng/ml



#12 4,4'-DDE

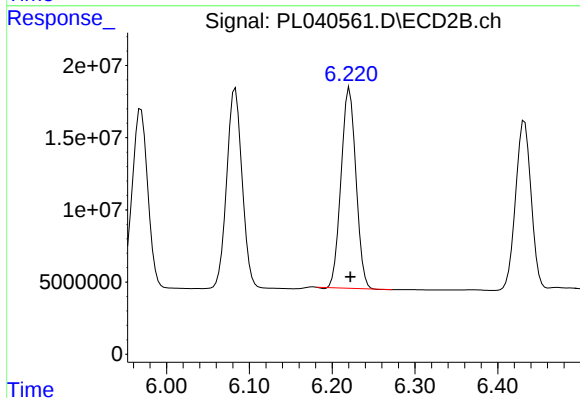
R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 179179067
Conc: 44.50 ng/ml



#13 Dieldrin

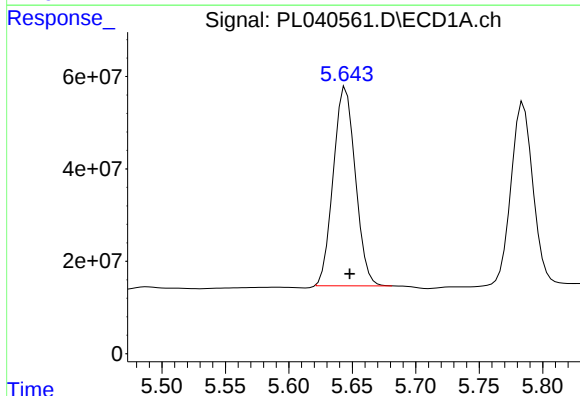
R.T.: 5.395 min
Delta R.T.: -0.004 min
Response: 572337882
Conc: 52.25 ng/ml

Instrument :
ECD_S
ClientSampleId :



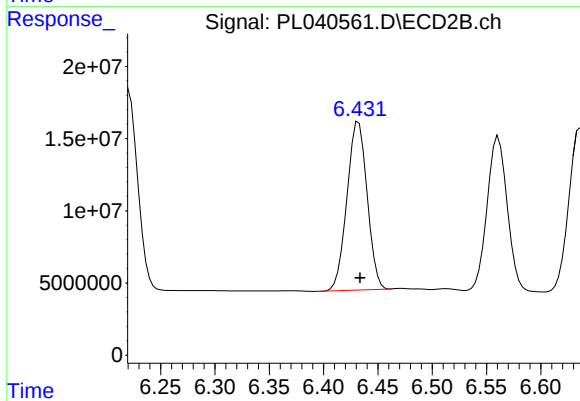
#13 Dieldrin

R.T.: 6.221 min
Delta R.T.: -0.001 min
Response: 173464491
Conc: 45.41 ng/ml



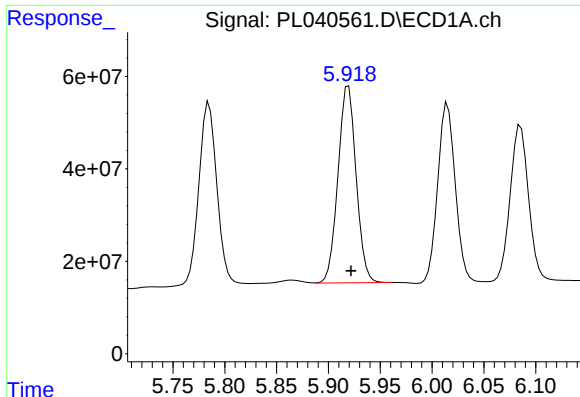
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 521006925
Conc: 52.45 ng/ml



#14 Endrin

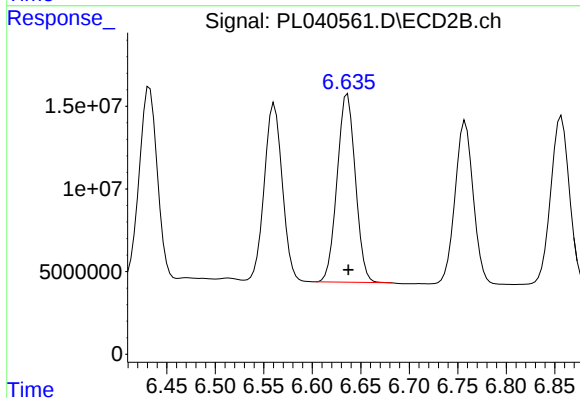
R.T.: 6.432 min
Delta R.T.: -0.001 min
Response: 150596677
Conc: 46.10 ng/ml



#15 Endosulfan II

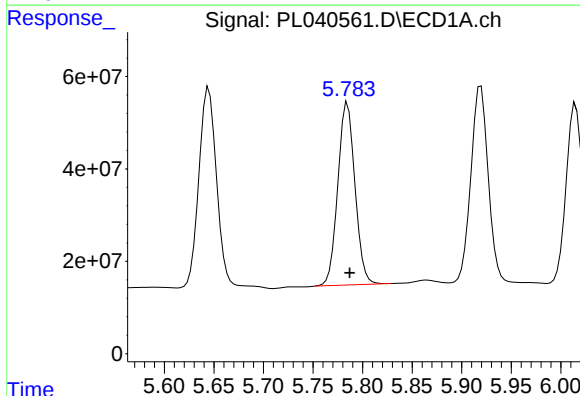
R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 519307781
Conc: 52.13 ng/ml

Instrument :
ECD_S
ClientSampleId :



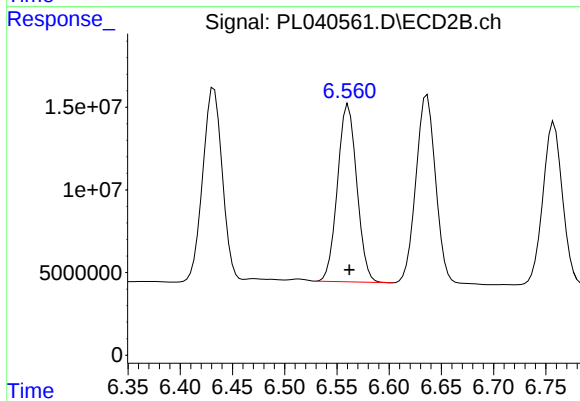
#15 Endosulfan II

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 148769356
Conc: 42.56 ng/ml



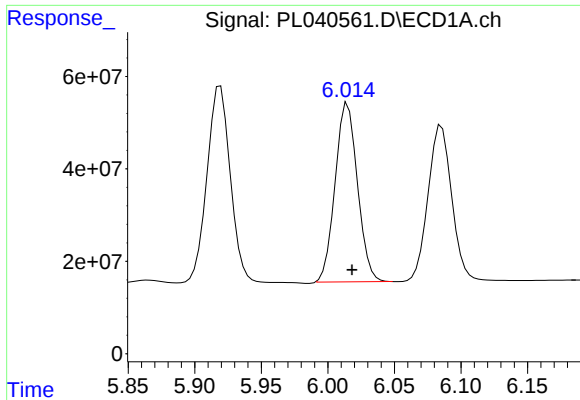
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 476690384
Conc: 51.64 ng/ml



#16 4,4'-DDD

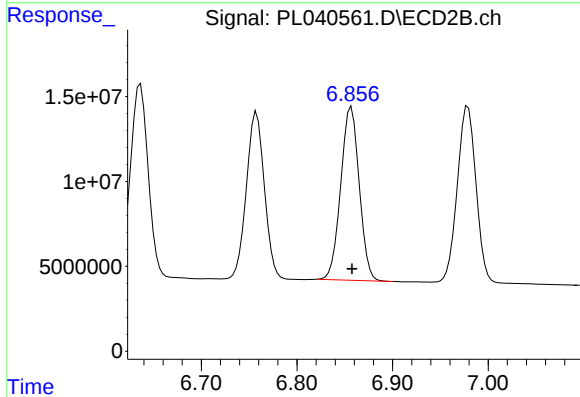
R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 138065752
Conc: 43.46 ng/ml



#17 4,4'-DDT

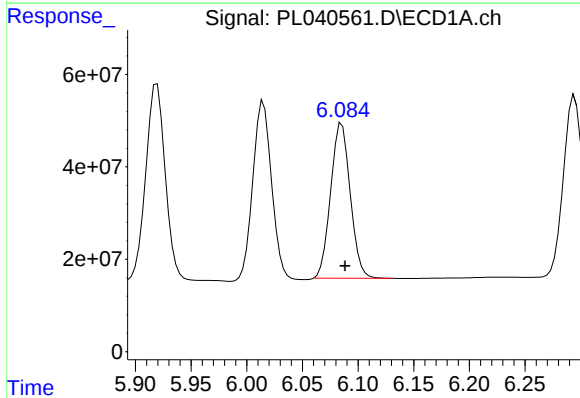
R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 452030917
Conc: 55.90 ng/ml

Instrument :
ECD_S
ClientSampleId :



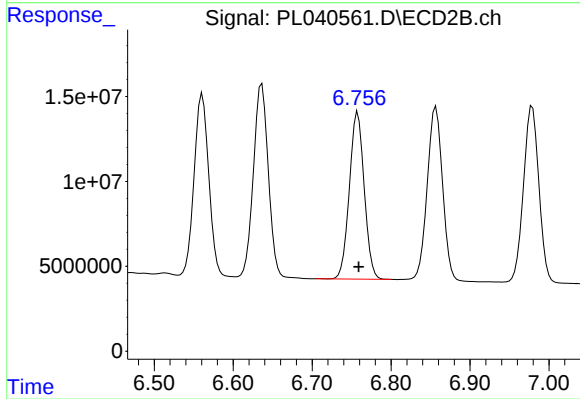
#17 4,4'-DDT

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 137575989
Conc: 45.15 ng/ml



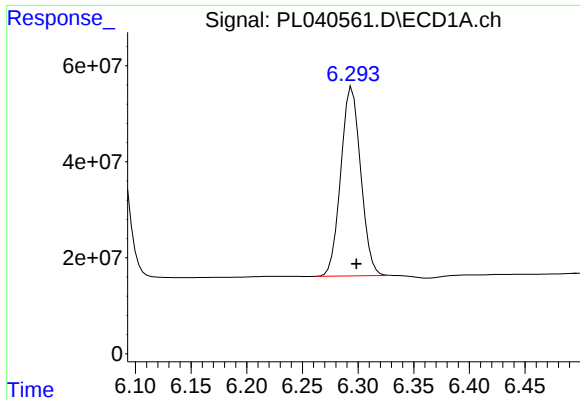
#18 Endrin aldehyde

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 410077926
Conc: 48.84 ng/ml



#18 Endrin aldehyde

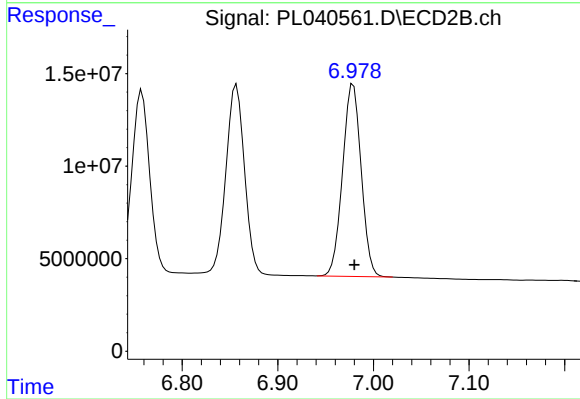
R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 128623156
Conc: 42.97 ng/ml



#19 Endosulfan Sulfate

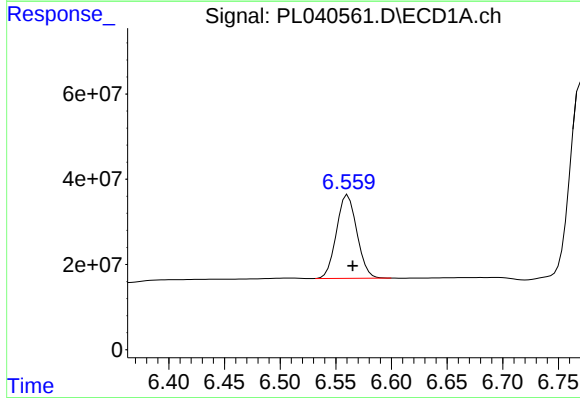
R.T.: 6.295 min
Delta R.T.: -0.004 min
Response: 490508339
Conc: 51.25 ng/ml

Instrument :
ECD_S
ClientSampleId :



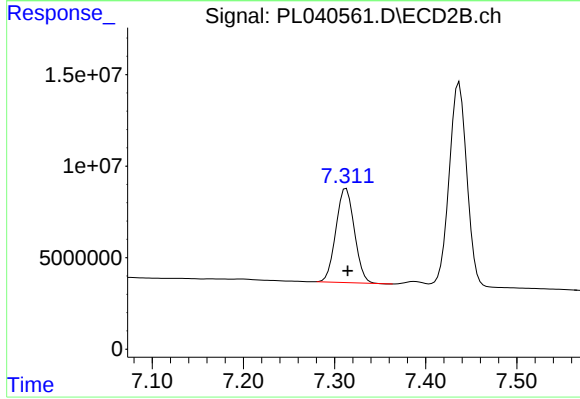
#19 Endosulfan Sulfate

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 141031795
Conc: 43.85 ng/ml



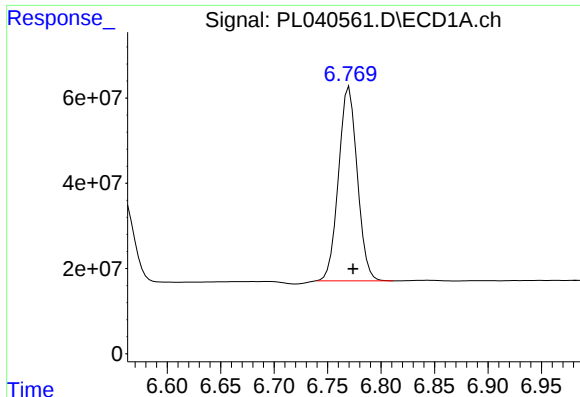
#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 250687305
Conc: 51.90 ng/ml



#20 Methoxychlor

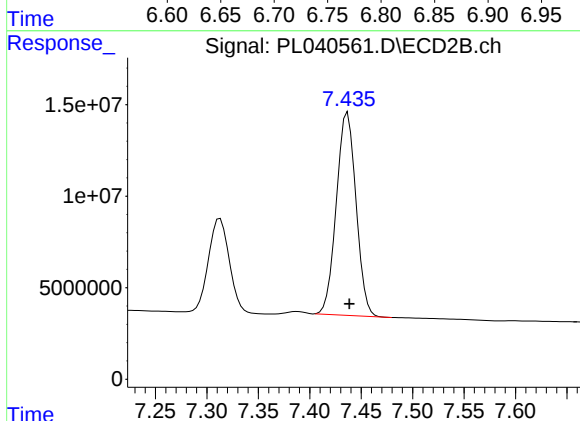
R.T.: 7.313 min
Delta R.T.: -0.002 min
Response: 72465019
Conc: 47.55 ng/ml



#21 Endrin ketone

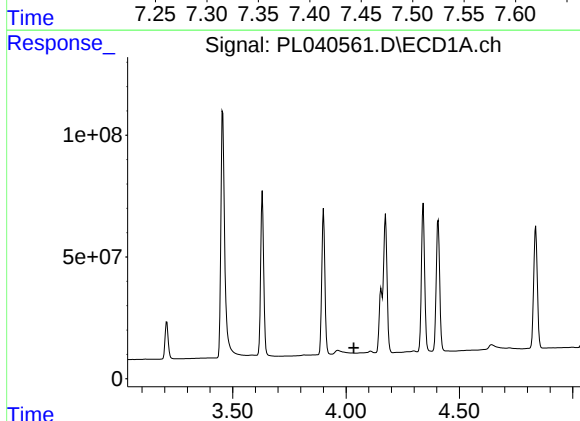
R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 555883804
Conc: 51.23 ng/ml

Instrument :
ECD_S
ClientSampleId :



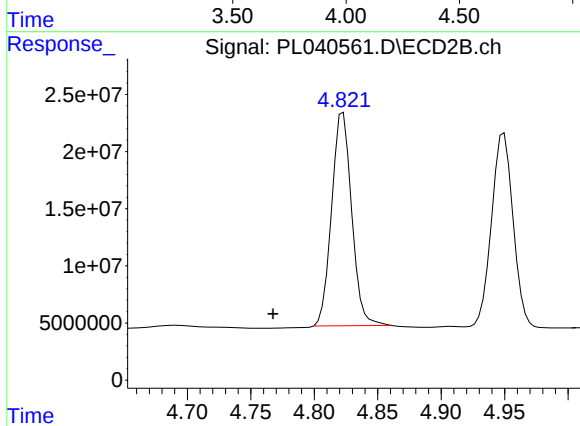
#21 Endrin ketone

R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 147323801
Conc: 47.92 ng/ml



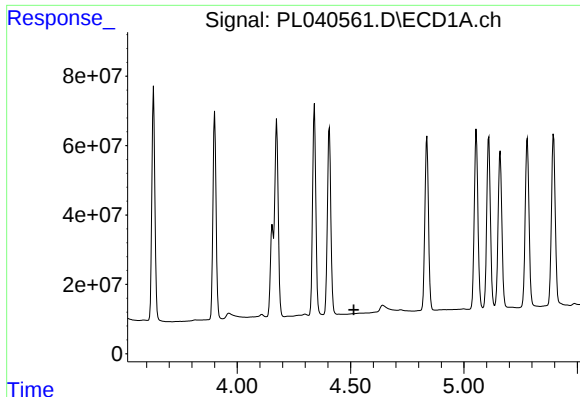
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.034 min
Response: 0
Conc: N.D.



#23 Chlordane-1

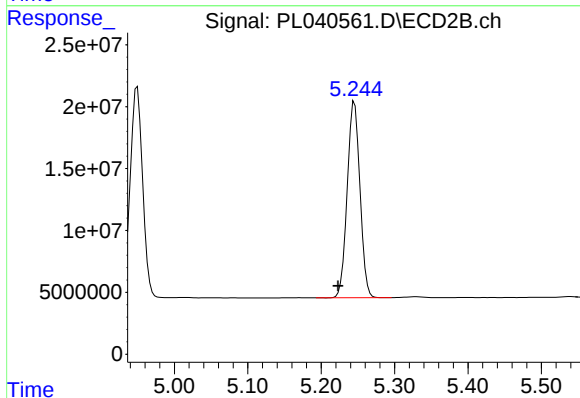
R.T.: 4.823 min
Delta R.T.: 0.055 min
Response: 205591268
Conc: 1332.18 ng/ml



#24 Chlordane-2

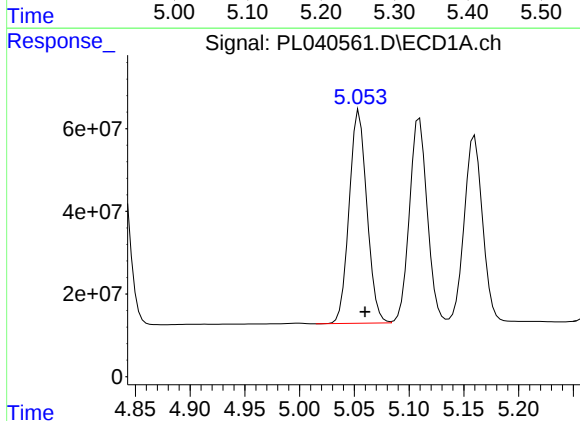
R.T.: 0.000 min
Exp R.T.: 4.514 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :



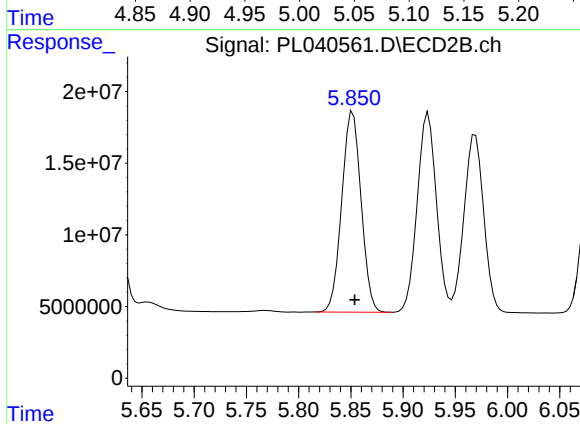
#24 Chlordane-2

R.T.: 5.245 min
Delta R.T.: 0.022 min
Response: 191425092
Conc: 1137.62 ng/ml



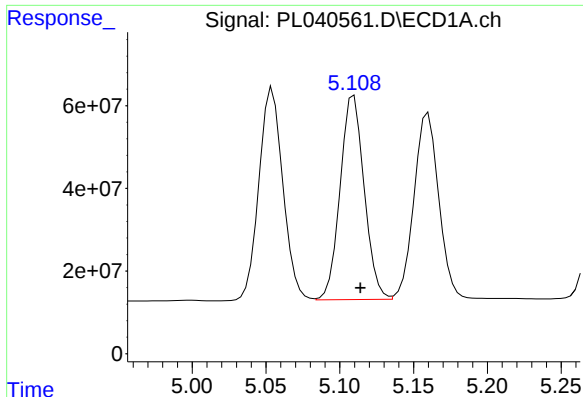
#25 Chlordane-3

R.T.: 5.054 min
Delta R.T.: -0.005 min
Response: 581254725
Conc: 452.50 ng/ml



#25 Chlordane-3

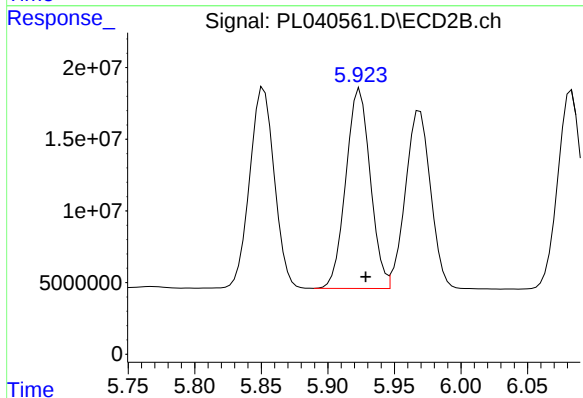
R.T.: 5.852 min
Delta R.T.: -0.002 min
Response: 180108909
Conc: 322.94 ng/ml



#26 Chlordane-4

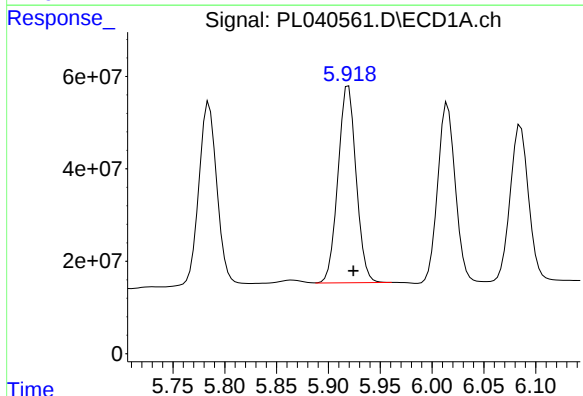
R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 560131395
Conc: 472.72 ng/ml

Instrument :
ECD_S
ClientSampleId :



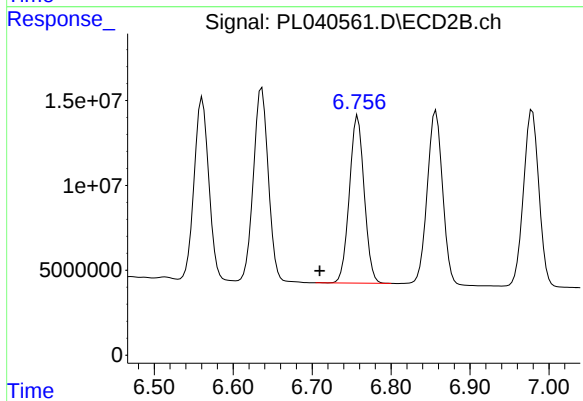
#26 Chlordane-4

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 178244192
Conc: 270.08 ng/ml



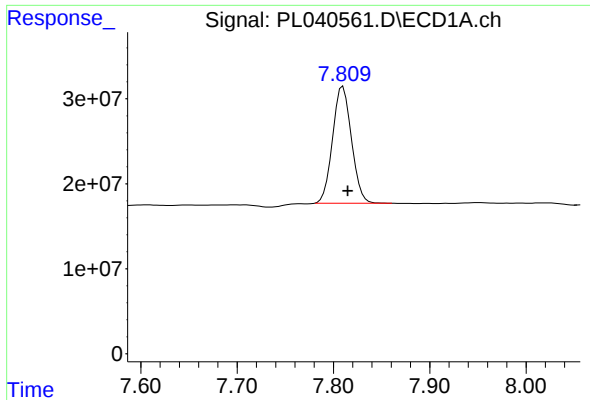
#27 Chlordane-5

R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 519307781
Conc: 1286.52 ng/ml



#27 Chlordane-5

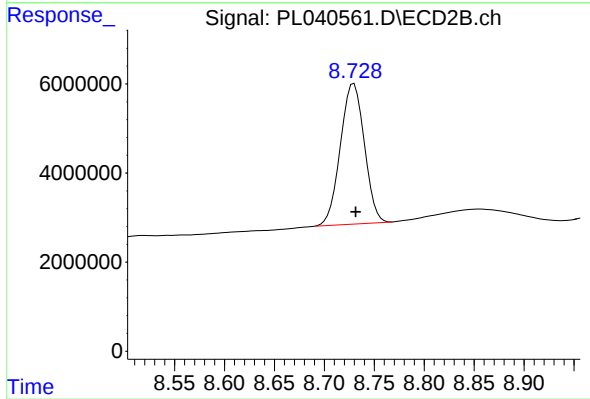
R.T.: 6.758 min
Delta R.T.: 0.048 min
Response: 128623156
Conc: 1056.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 187560626
Conc: 19.73 ng/ml

Instrument :
ECD_S
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.002 min
Response: 52690554
Conc: 16.64 ng/ml