Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042021\
Data File : PL066358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2021 16:19
Operator : AR\AJ
Sample : PB135873BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PB135873BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 08:30:38 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041421.M
Quant Title : GC Extractables
QLast Update : Wed Apr 14 15:37:20 2021
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...	3.445	4.153	47012276	77823477	18.470	19.347
28)	SA Decachlor...	8.167	9.352	43548070	57295006	18.257	17.543
	Target Compounds						
2)	A alpha-BHC	3.880	4.558	191.6E6	297.9E6	46.557	51.308
3)	MA gamma-BHC...	4.159	4.851	187.3E6	272.3E6	48.067	51.146
4)	MA Heptachlor	4.459	5.368	186.4E6	257.1E6	44.930	46.194
5)	MB Aldrin	4.703	5.679	183.1E6	234.0E6	46.763	46.911
6)	B beta-BHC	4.408	5.027	77295351	119.1E6	43.860	47.369
7)	B delta-BHC	4.608	5.251	193.9E6	250.4E6	46.999	48.690
8)	B Heptachlo...	5.141	6.074	176.1E6	214.2E6	47.514	46.372
9)	A Endosulfan I	5.476	6.438	174.4E6	190.6E6	48.704	45.538
10)	B gamma-Chl...	5.366	6.311	184.2E6	211.0E6	49.743	46.232
11)	B alpha-Chl...	5.424	6.383	183.6E6	209.4E6	49.578	46.334
12)	B 4,4'-DDE	5.590	6.539	165.9E6	191.2E6	44.486	46.201
13)	MA Dieldrin	5.717	6.699	177.8E6	198.9E6	43.896	47.594
14)	MA Endrin	5.971	6.922	150.8E6	137.8E6	43.243	42.644
15)	B Endosulfa...	6.241	7.137	161.6E6	170.0E6	49.211	48.754
16)	A 4,4'-DDD	6.100	7.039	159.4E6	165.1E6	48.390	48.244
17)	MA 4,4'-DDT	6.339	7.341	132.5E6	128.2E6	41.580	37.781
18)	B Endrin al...	6.408	7.262	134.0E6	143.4E6	51.978	51.257
19)	B Endosulfa...	6.620	7.486	153.3E6	157.2E6	44.593	44.508
20)	A Methoxychlor	6.885	7.800	70957751	67678569	39.192	37.770
21)	B Endrin ke...	7.105	7.968	176.6E6	170.8E6	48.038	46.427
22)	Mirex	7.294	8.422	120.1E6	122.1E6	42.000	43.139

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042021\
Data File : PL066358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2021 16:19
Operator : AR\AJ
Sample : PB135873BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041421.M
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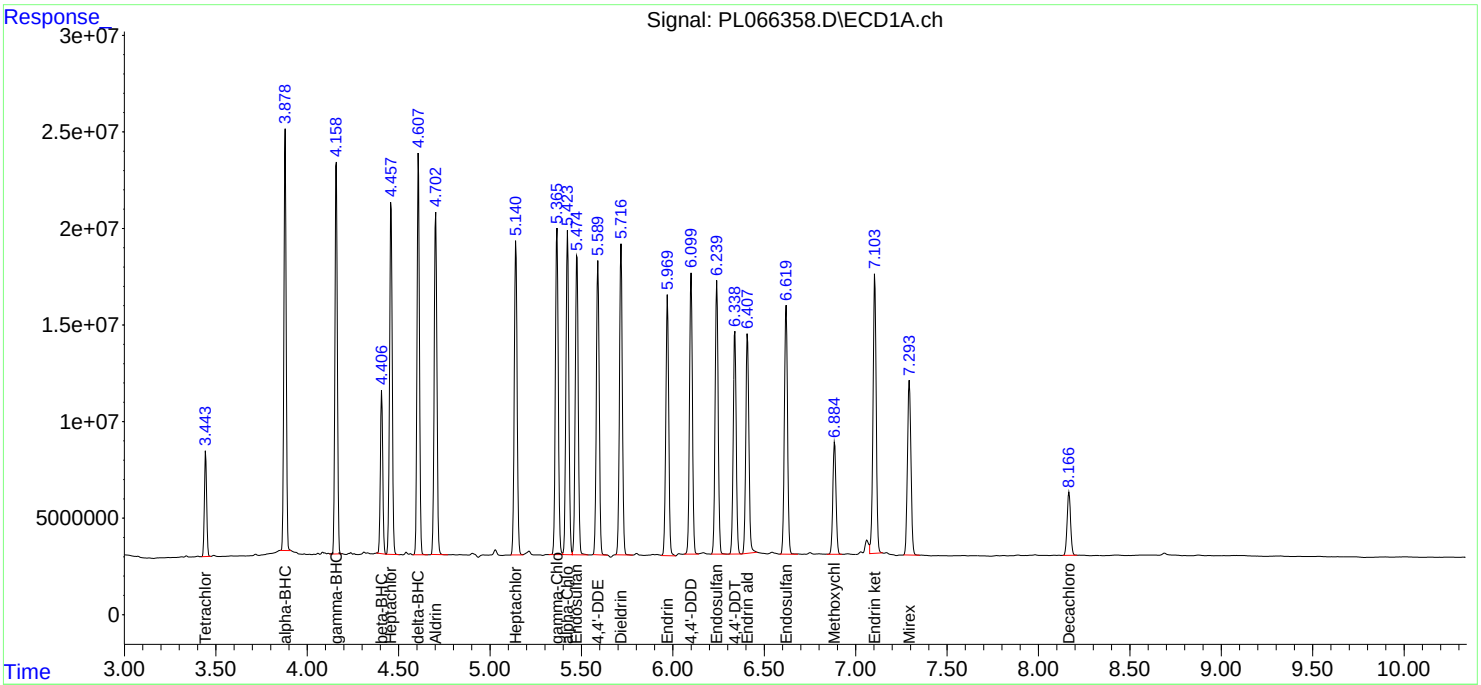
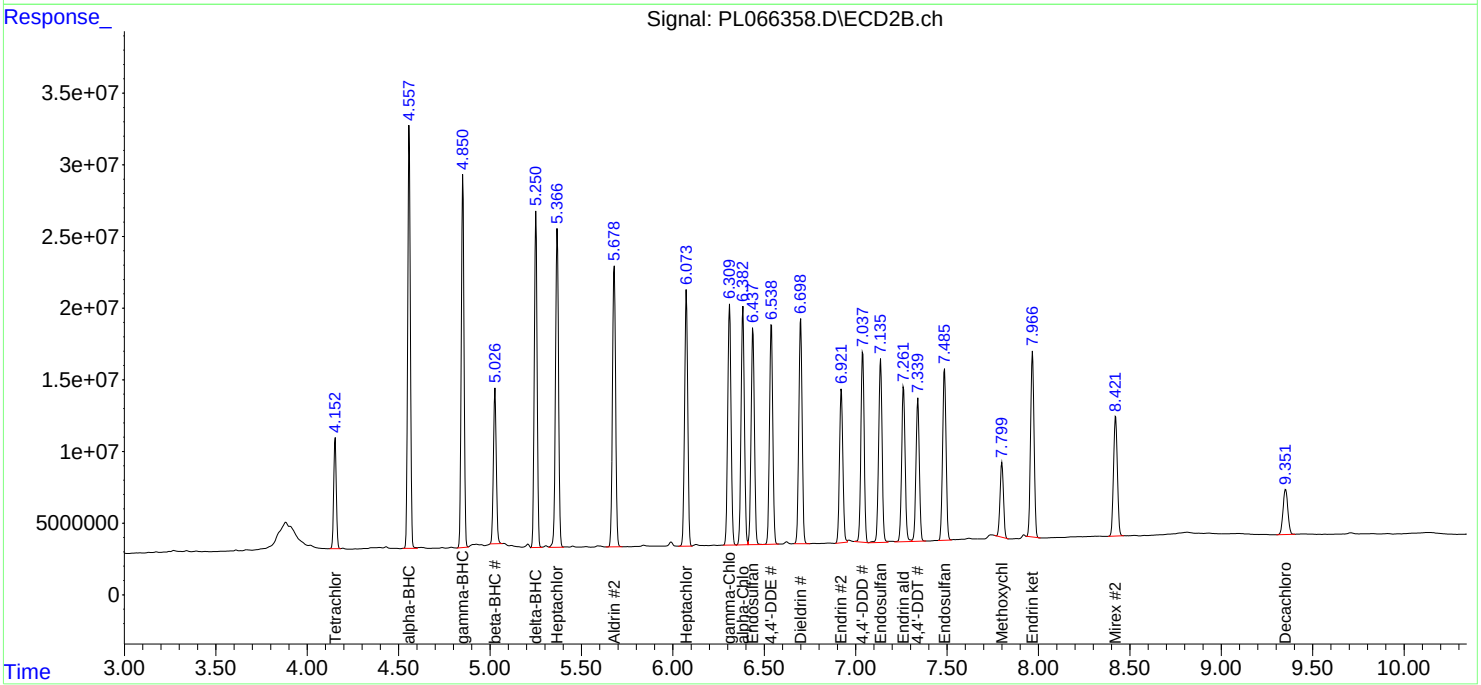
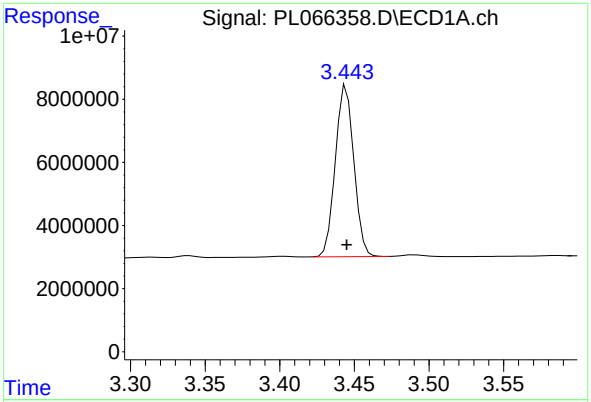
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



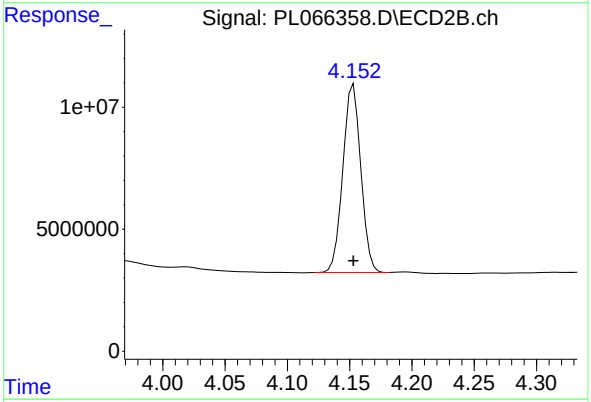




#1 Tetrachloro-m-xylene

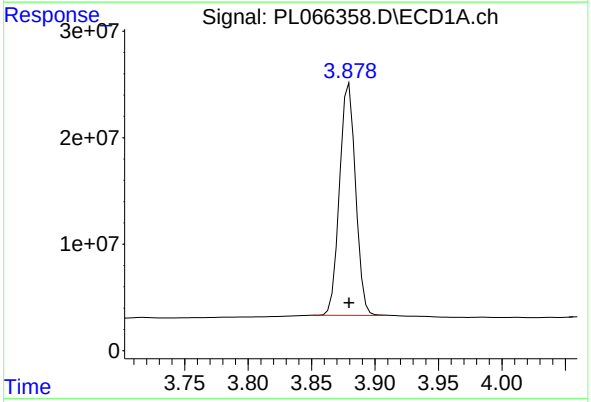
R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 47012276
Conc: 18.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



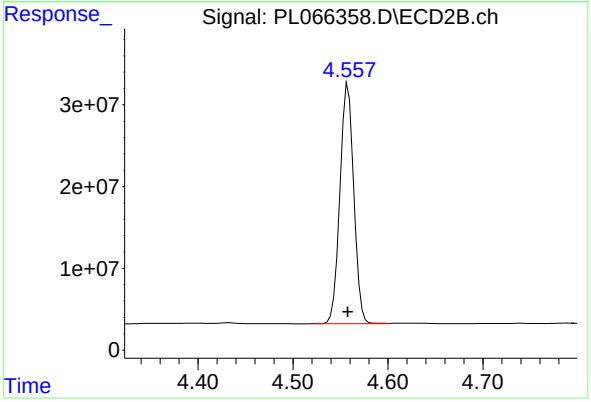
#1 Tetrachloro-m-xylene

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 77823477
Conc: 19.35 ng/ml



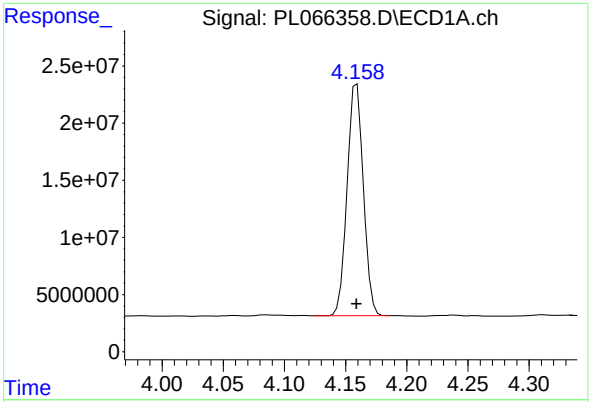
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 191570105
Conc: 46.56 ng/ml



#2 alpha-BHC

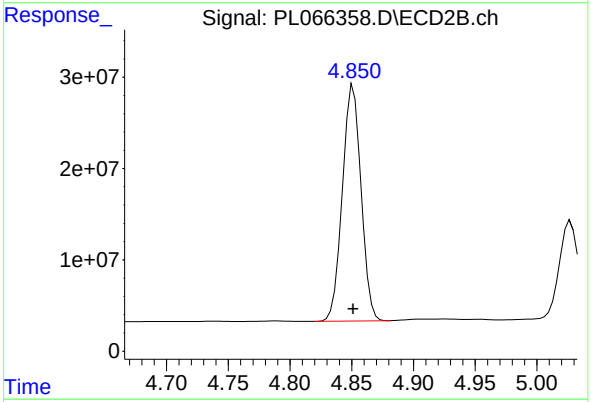
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 297936685
Conc: 51.31 ng/ml



#3 gamma-BHC (Lindane)

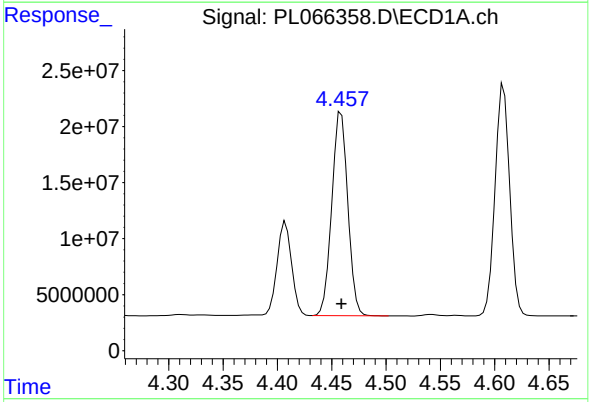
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 187310800
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



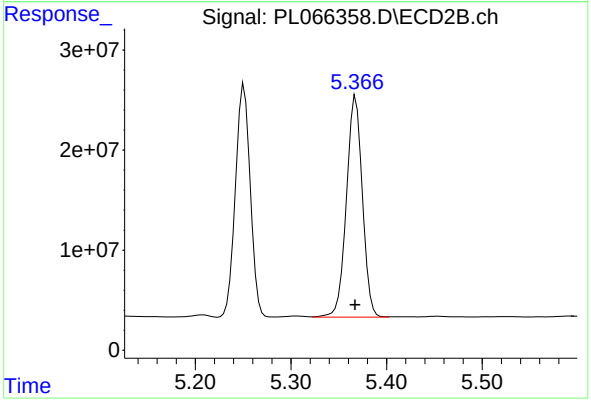
#3 gamma-BHC (Lindane)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 272291496
Conc: 51.15 ng/ml



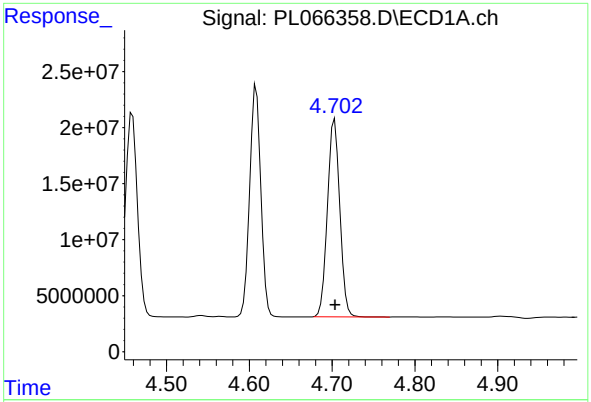
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 186362246
Conc: 44.93 ng/ml



#4 Heptachlor

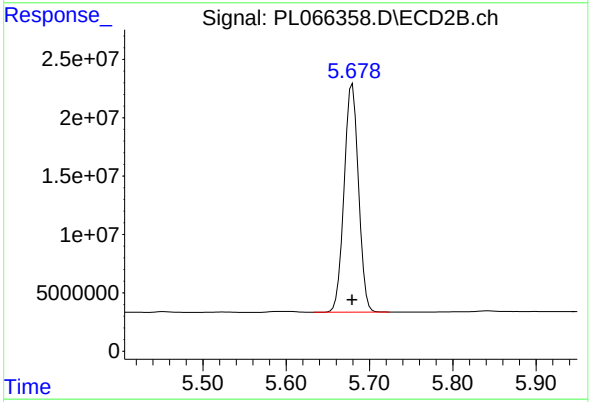
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 257114829
Conc: 46.19 ng/ml



#5 Aldrin

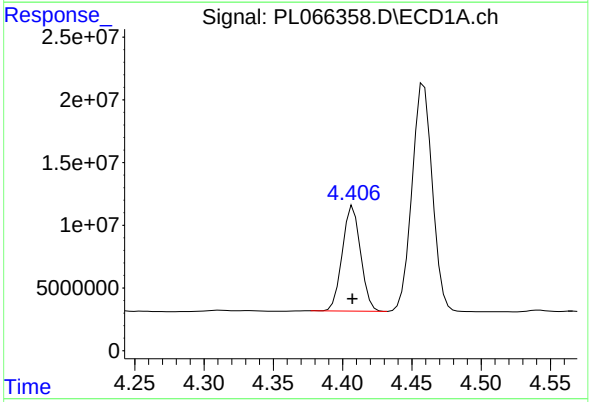
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 183135855
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



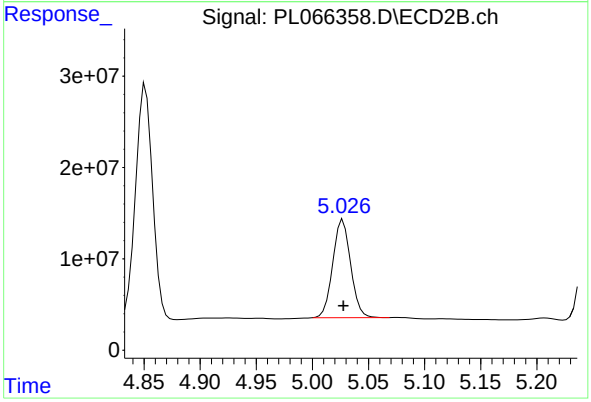
#5 Aldrin

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 234009449
Conc: 46.91 ng/ml



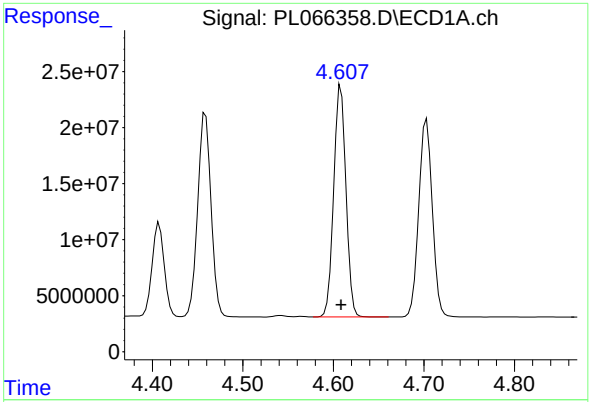
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 77295351
Conc: 43.86 ng/ml



#6 beta-BHC

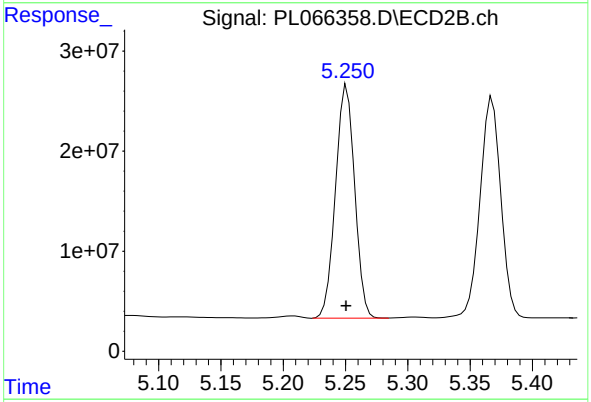
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 119136152
Conc: 47.37 ng/ml



#7 delta-BHC

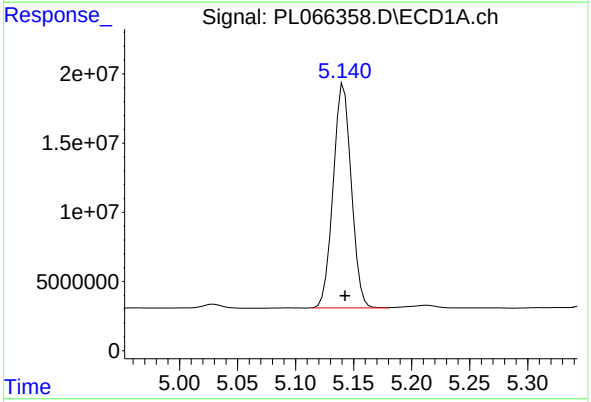
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 193872968
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



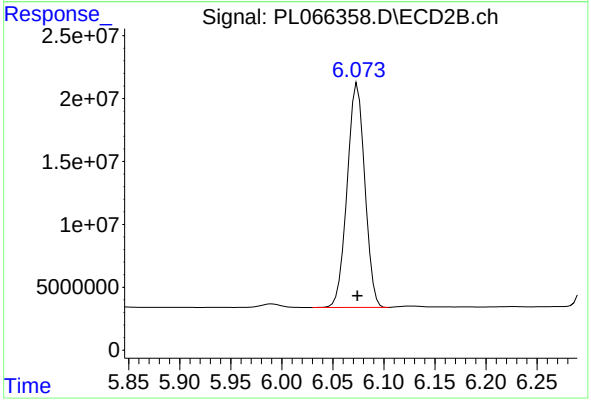
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 250374784
Conc: 48.69 ng/ml



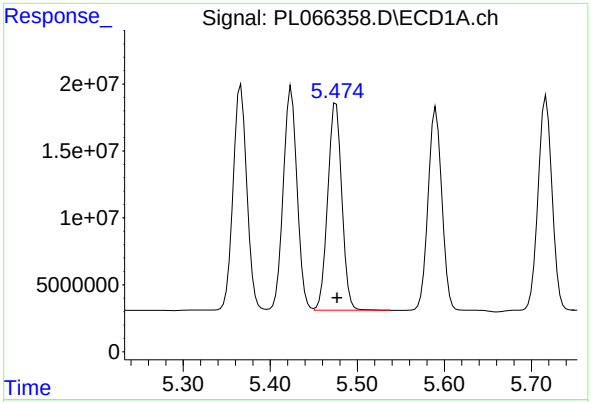
#8 Heptachlor epoxide

R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 176059679
Conc: 47.51 ng/ml



#8 Heptachlor epoxide

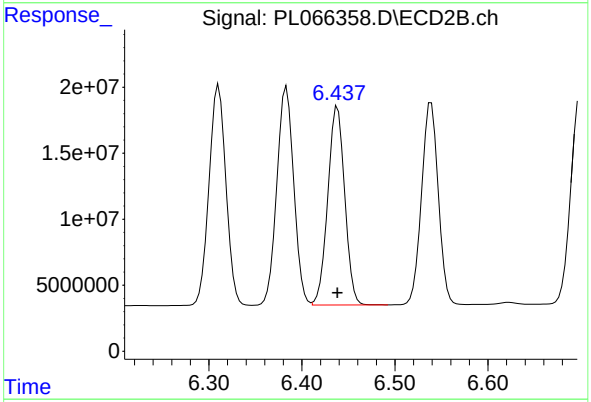
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 214188598
Conc: 46.37 ng/ml



#9 Endosulfan I

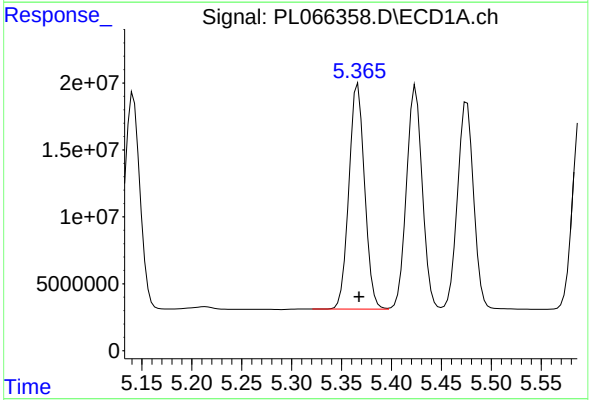
R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 174385316
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



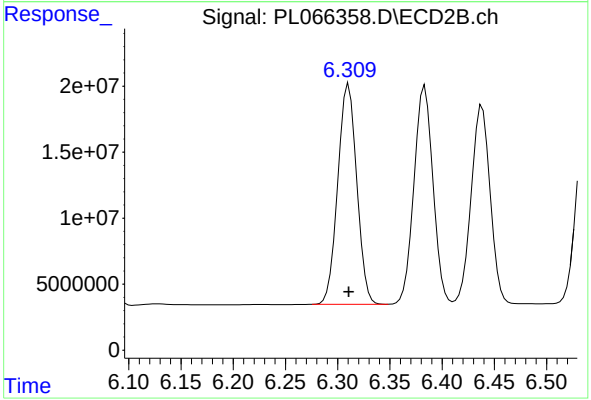
#9 Endosulfan I

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 190552384
Conc: 45.54 ng/ml



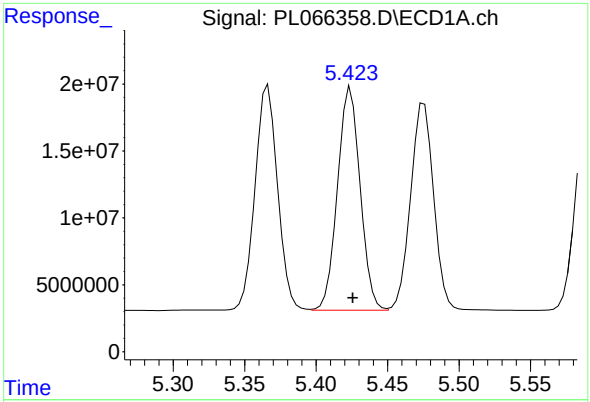
#10 gamma-Chlordane

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 184181562
Conc: 49.74 ng/ml



#10 gamma-Chlordane

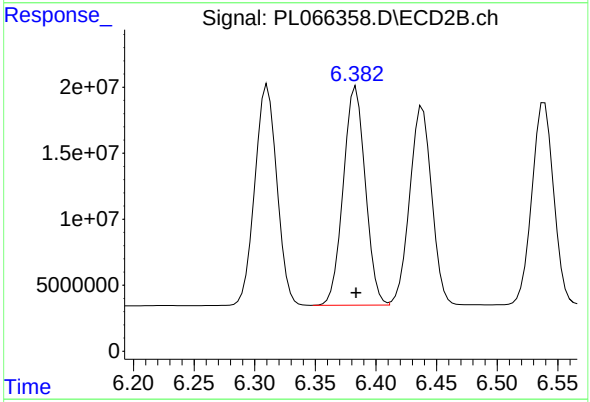
R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 210998538
Conc: 46.23 ng/ml



#11 alpha-Chlordane

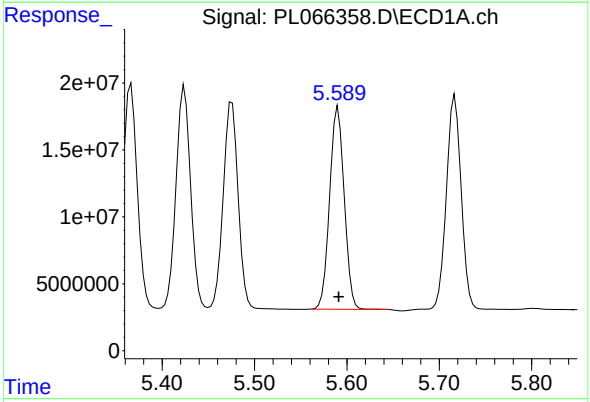
R.T.: 5.424 min
Delta R.T.: -0.002 min
Response: 183623904
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



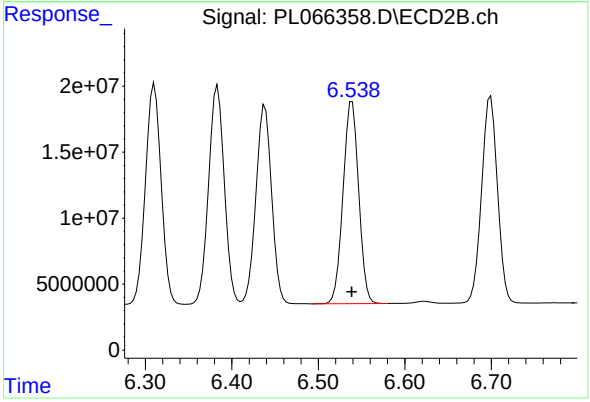
#11 alpha-Chlordane

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 209426205
Conc: 46.33 ng/ml



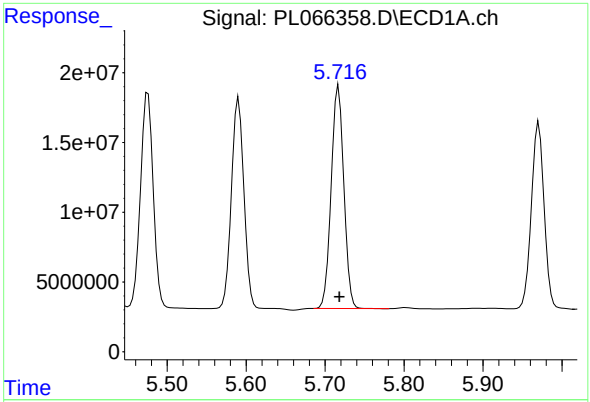
#12 4,4'-DDE

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 165940727
Conc: 44.49 ng/ml



#12 4,4'-DDE

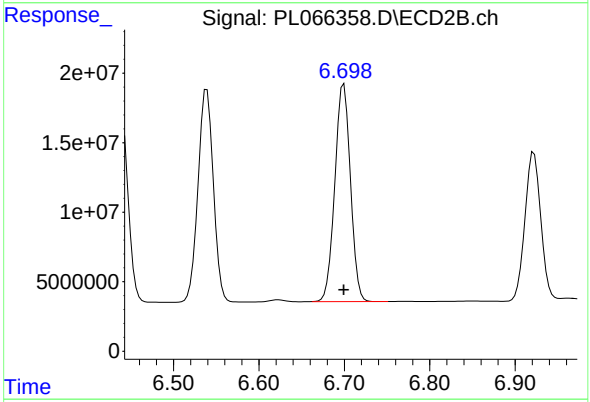
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 191229413
Conc: 46.20 ng/ml



#13 Dieldrin

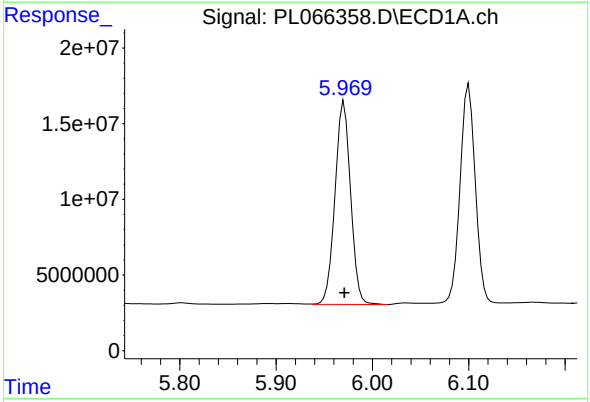
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 177826866
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



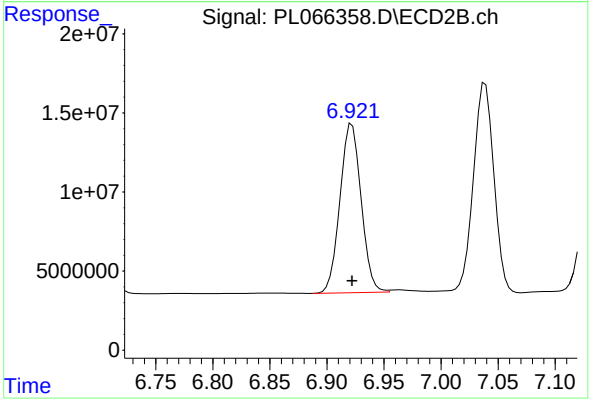
#13 Dieldrin

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 198857244
Conc: 47.59 ng/ml



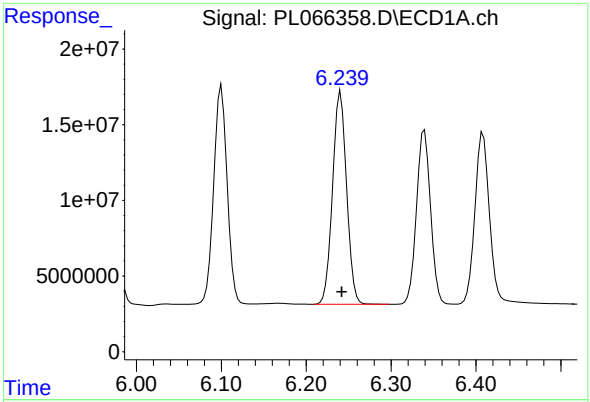
#14 Endrin

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 150775511
Conc: 43.24 ng/ml



#14 Endrin

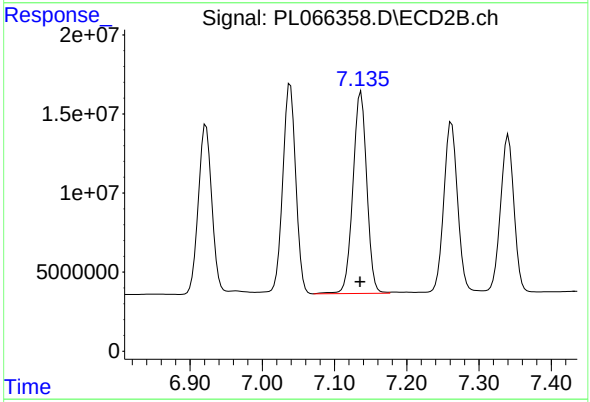
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 137806307
Conc: 42.64 ng/ml



#15 Endosulfan II

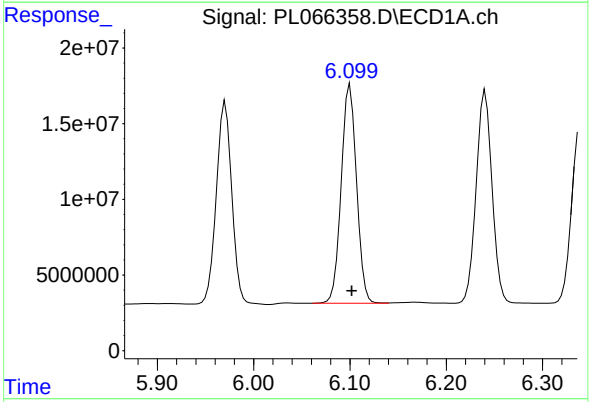
R.T.: 6.241 min
Delta R.T.: -0.001 min
Response: 161576564
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



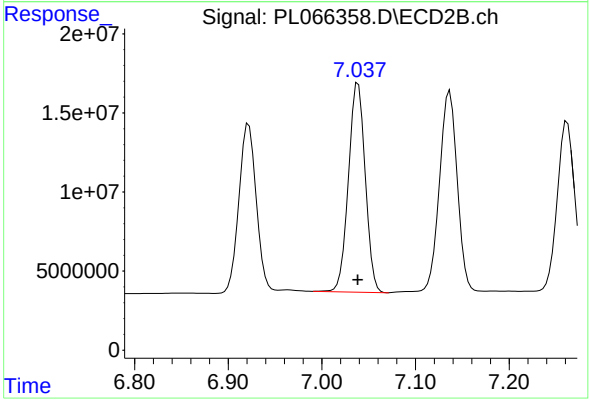
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.001 min
Response: 169954395
Conc: 48.75 ng/ml



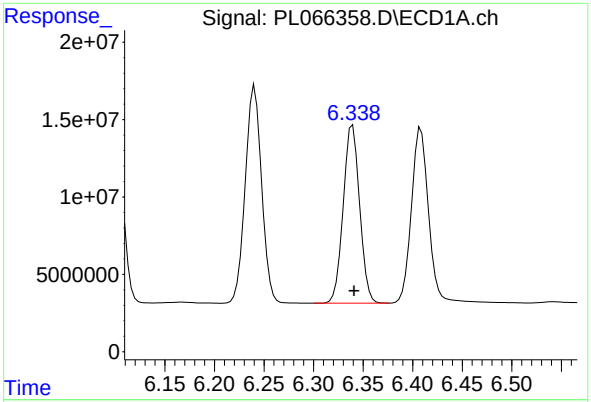
#16 4,4'-DDD

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 159350034
Conc: 48.39 ng/ml



#16 4,4'-DDD

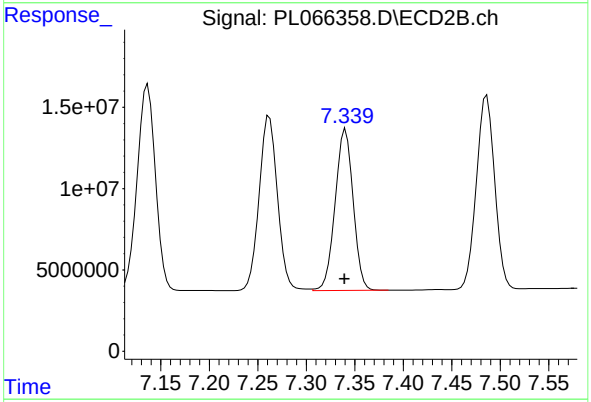
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 165101948
Conc: 48.24 ng/ml



#17 4,4'-DDT

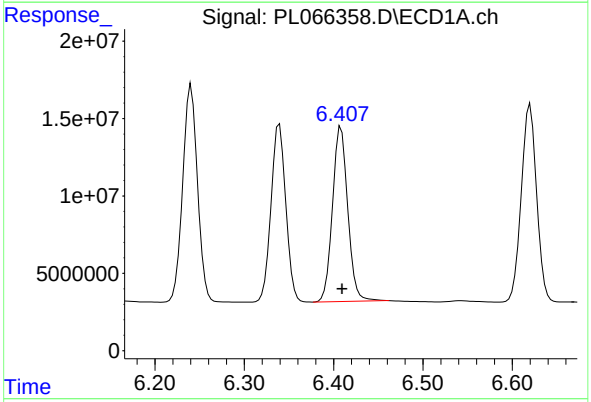
R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 132526913
Conc: 41.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



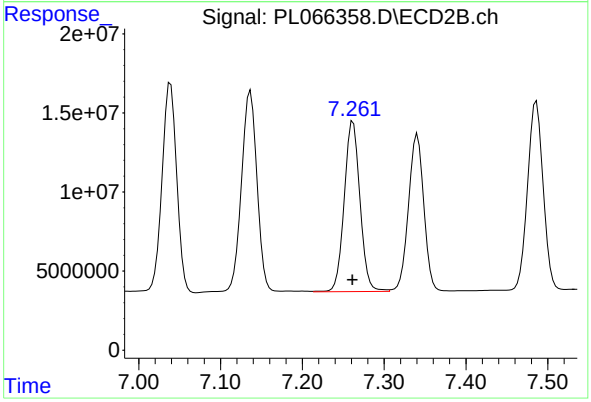
#17 4,4'-DDT

R.T.: 7.341 min
Delta R.T.: 0.001 min
Response: 128166708
Conc: 37.78 ng/ml



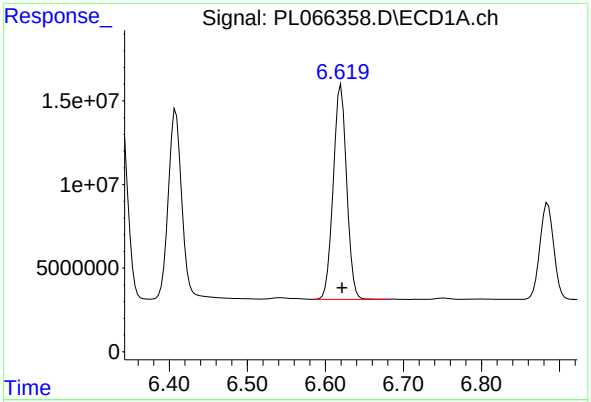
#18 Endrin aldehyde

R.T.: 6.408 min
Delta R.T.: -0.001 min
Response: 134003618
Conc: 51.98 ng/ml



#18 Endrin aldehyde

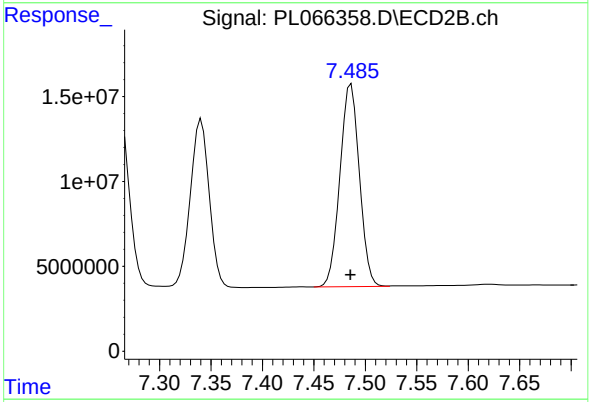
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 143368330
Conc: 51.26 ng/ml



#19 Endosulfan Sulfate

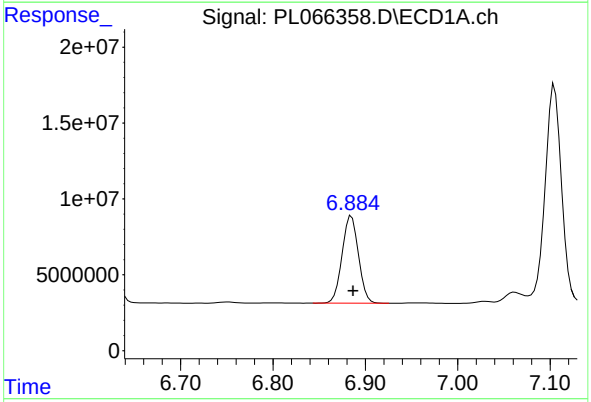
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 153302307
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



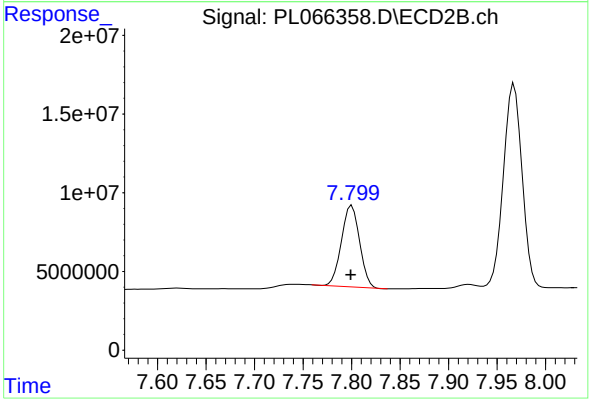
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 157237738
Conc: 44.51 ng/ml



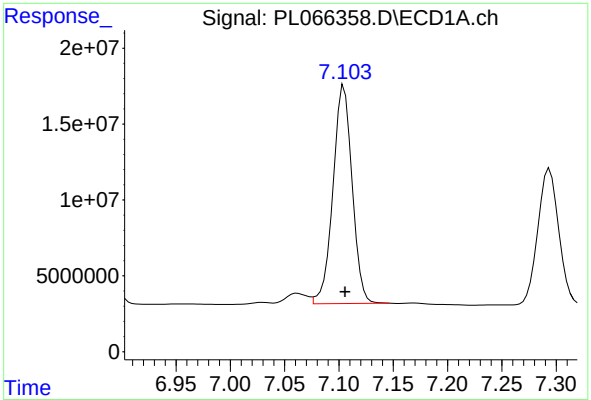
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 70957751
Conc: 39.19 ng/ml



#20 Methoxychlor

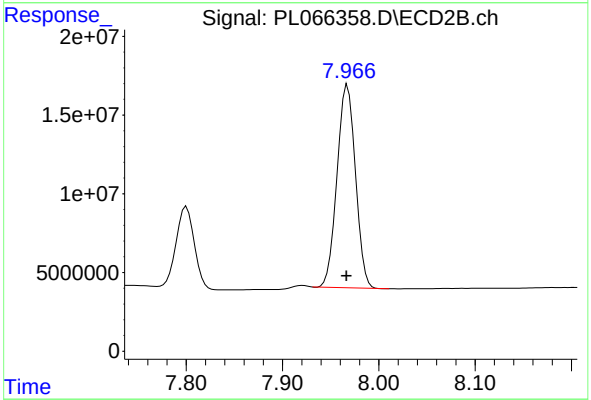
R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 67678569
Conc: 37.77 ng/ml



#21 Endrin ketone

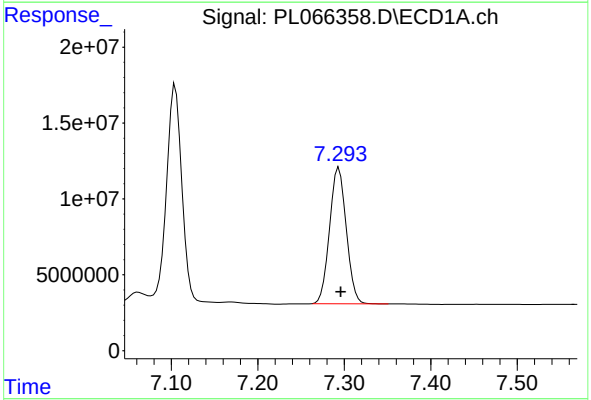
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 176627114
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



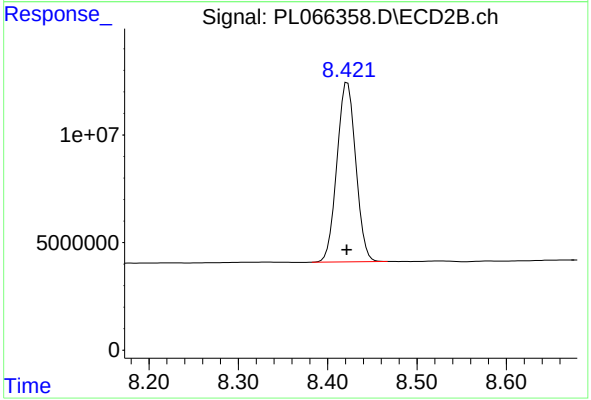
#21 Endrin ketone

R.T.: 7.968 min
Delta R.T.: 0.001 min
Response: 170791175
Conc: 46.43 ng/ml



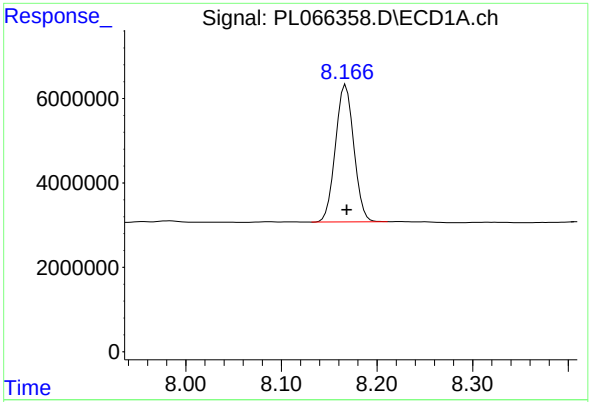
#22 Mirex

R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 120118137
Conc: 42.00 ng/ml



#22 Mirex

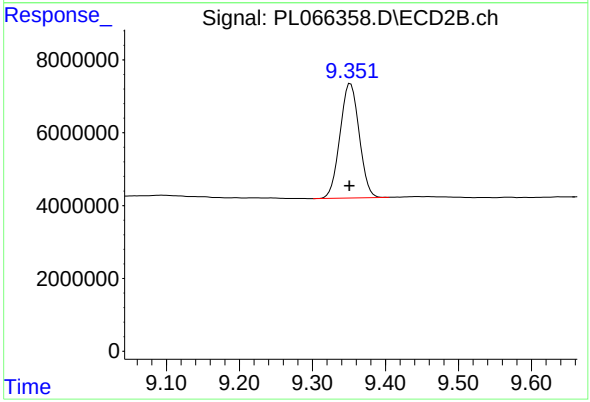
R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 122110475
Conc: 43.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 43548070
Conc: 18.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB135873BS



#28 Decachlorobiphenyl

R.T.: 9.352 min
Delta R.T.: 0.001 min
Response: 57295006
Conc: 17.54 ng/ml