

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112023\
 Data File : PL086751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2023 11:46
 Operator : AR\AJ
 Sample : 05449-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 20:16:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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

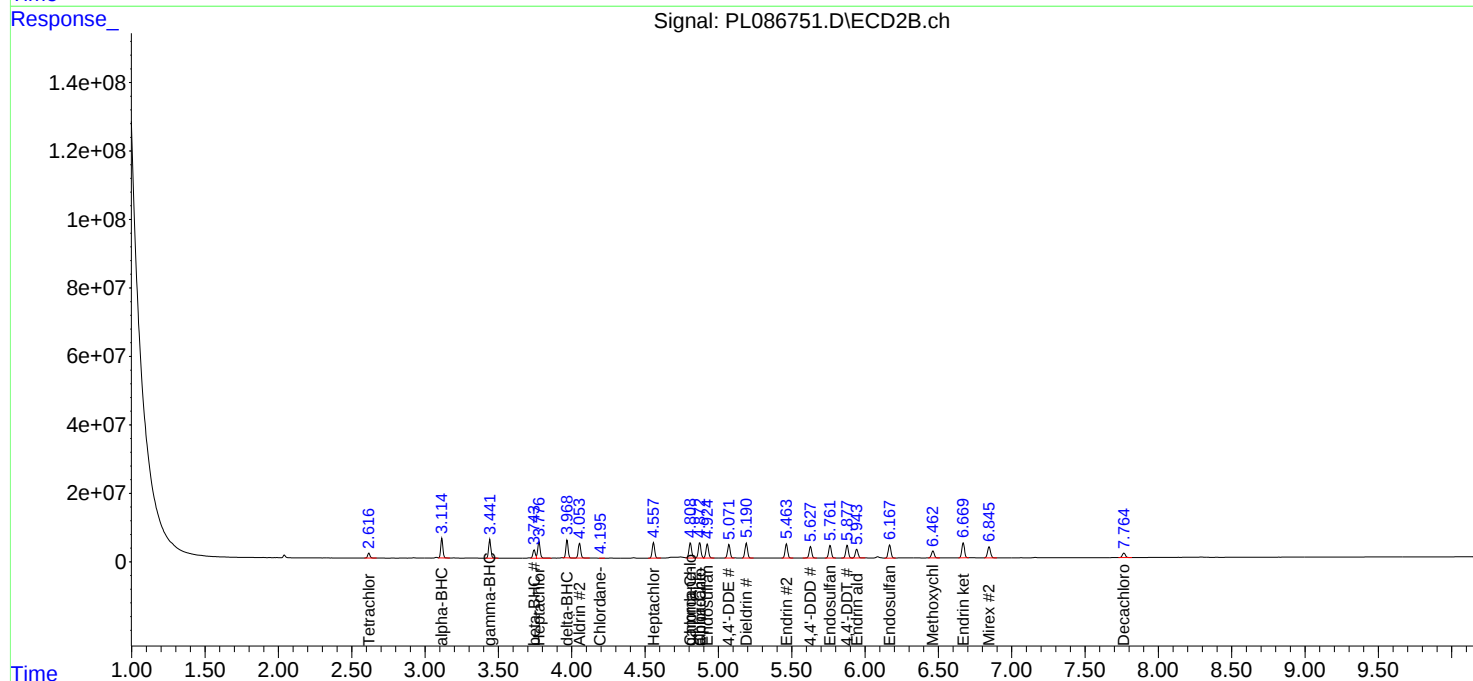
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

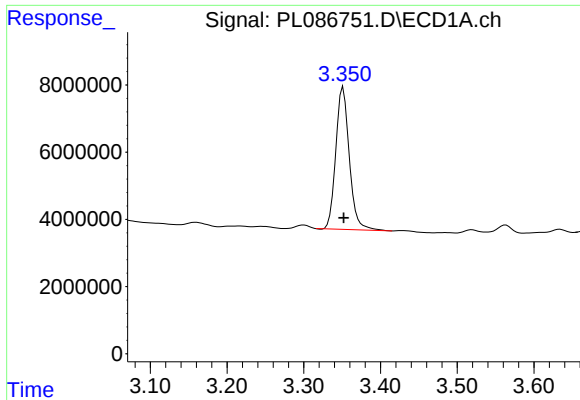
System Monitoring Compounds							
1)	SA Tetrachlo...	3.351	2.617	51729577	16117183	15.931	16.369
28)	SA Decachlor...	8.849	7.766	41058059	18862404	14.027	15.620
Target Compounds							
2)	A alpha-BHC	3.805	3.115	204.7E6	58343332	42.545	43.770
3)	MA gamma-BHC...	4.136	3.442	201.6E6	58156346	42.849	43.821
4)	MA Heptachlor	4.723	3.778	185.5E6	56349559	40.662	42.095
5)	MB Aldrin	5.062	4.054	170.2E6	51311196	37.585	39.431
6)	B beta-BHC	4.340	3.744	83748256	26576885	41.407	44.589
7)	B delta-BHC	4.583	3.969	195.0E6	55384280	42.469	42.334
8)	B Heptachlo...	5.492	4.558	164.9E6	53622320	42.417	44.647
9)	A Endosulfan I	5.876	4.925	166.2E6	51934318	44.289	45.167
10)	B gamma-Chl...	5.750	4.810	173.4E6	56878211	42.329	46.101
11)	B alpha-Chl...	5.829	4.873	170.7E6	56453236	42.039	45.145
12)	B 4,4'-DDE	6.013	5.073	146.1E6	47688831	42.132	46.457
13)	MA Dieldrin	6.153	5.191	160.2E6	52853696	40.732	44.297
14)	MA Endrin	6.381	5.465	142.9E6	50712752	41.482	46.299
15)	B Endosulfa...	6.604	5.762	132.5E6	46713685	37.265	42.562
16)	A 4,4'-DDD	6.532	5.629	114.8E6	41798739	43.099	49.061
17)	MA 4,4'-DDT	6.847	5.879	126.1E6	46815305	42.549	47.889
18)	B Endrin al...	6.735	5.944	90678241	33798027	34.204	36.080
19)	B Endosulfa...	6.972	6.168	132.0E6	50491568	39.323	46.486
20)	A Methoxychlor	7.333	6.463	68780236	27580165	43.099	46.108
21)	B Endrin ke...	7.454	6.670	135.6E6	56951898	39.798	44.448
22)	Mirex	7.927	6.847	104.3E6	46066018	36.914	40.525
23)	Chlordane-1	4.516	0.000	4047709	0	28.931	N.D. #
24)	Chlordane-2	5.062f	4.196	170.2E6	51984	1122.639	1.151 #
25)	Chlordane-3	5.750	4.810	173.4E6	56878211	299.825	482.378 #
26)	Chlordane-4	5.829	4.873	170.7E6	56453236	238.729	442.165 #

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

Instrument :
ECD_L
ClientSampleId :

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

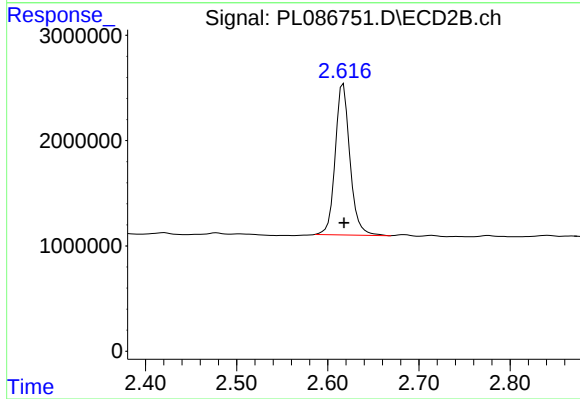




#1 Tetrachloro-m-xylene

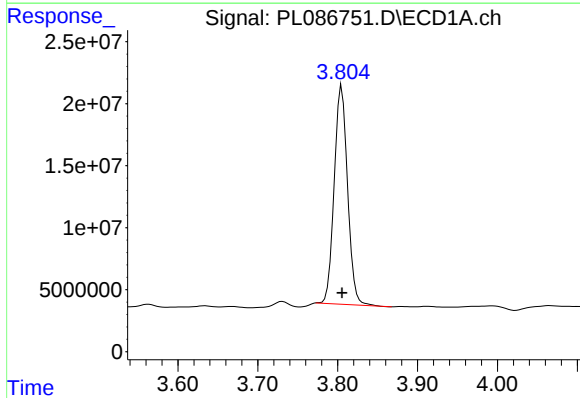
R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 51729577
Conc: 15.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



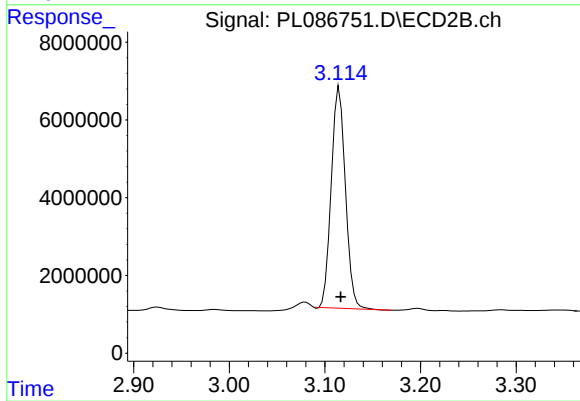
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: 0.000 min
Response: 16117183
Conc: 16.37 ng/ml



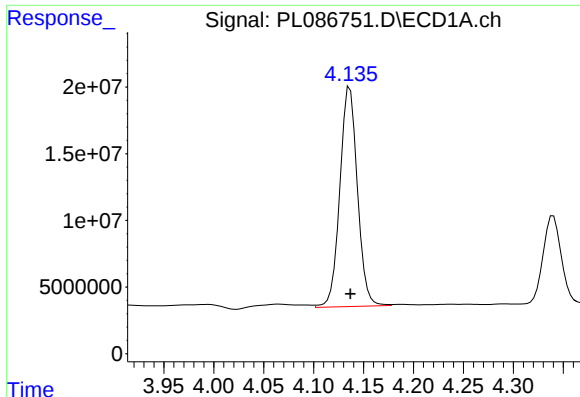
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 204660843
Conc: 42.55 ng/ml



#2 alpha-BHC

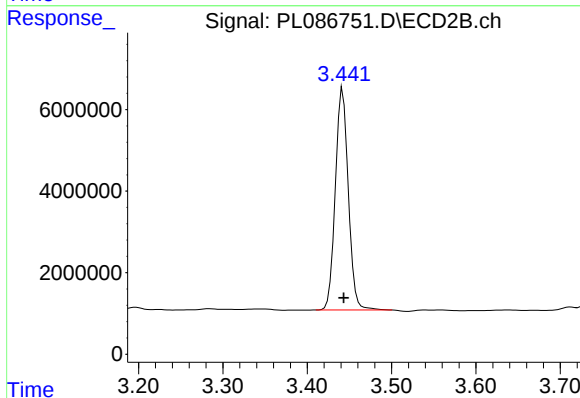
R.T.: 3.115 min
Delta R.T.: -0.001 min
Response: 58343332
Conc: 43.77 ng/ml



#3 gamma-BHC (Lindane)

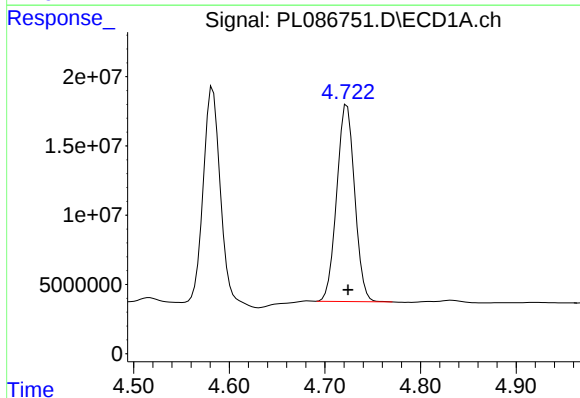
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 201588199
Conc: 42.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



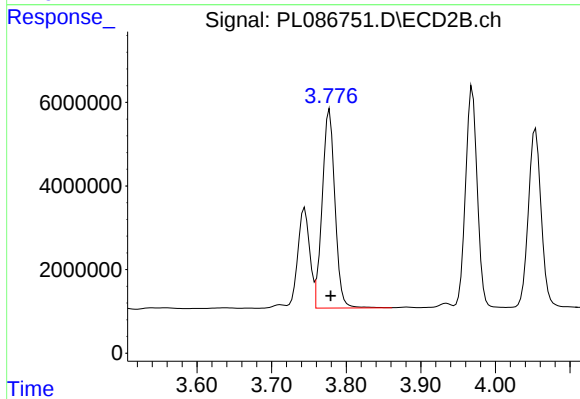
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 58156346
Conc: 43.82 ng/ml



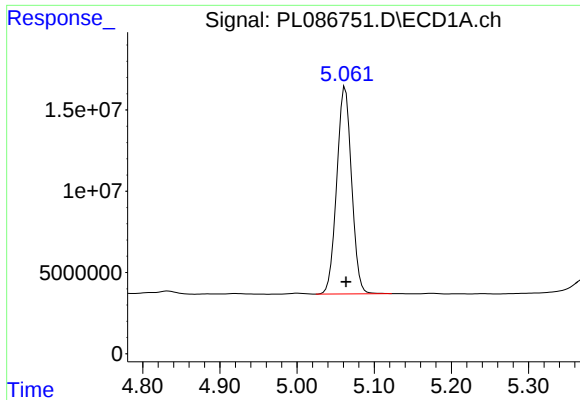
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 185499784
Conc: 40.66 ng/ml



#4 Heptachlor

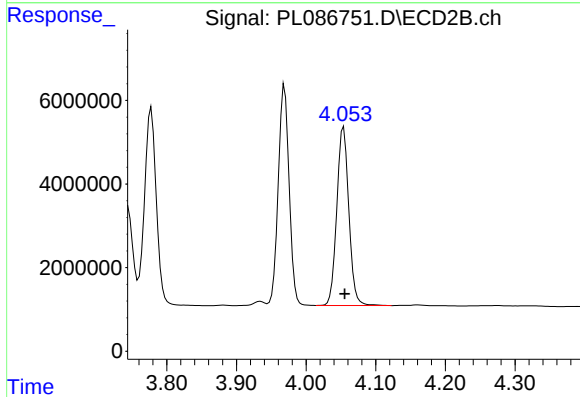
R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 56349559
Conc: 42.09 ng/ml



#5 Aldrin

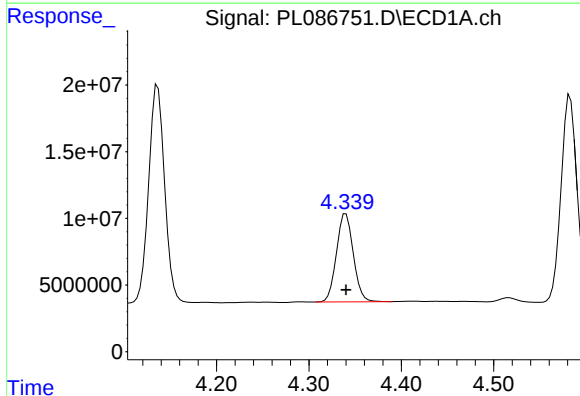
R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 170159302
Conc: 37.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



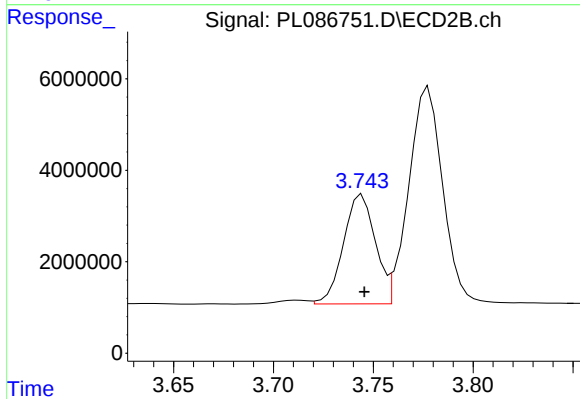
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 51311196
Conc: 39.43 ng/ml



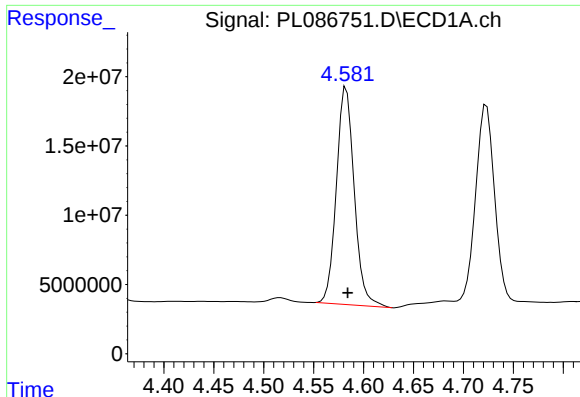
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 83748256
Conc: 41.41 ng/ml



#6 beta-BHC

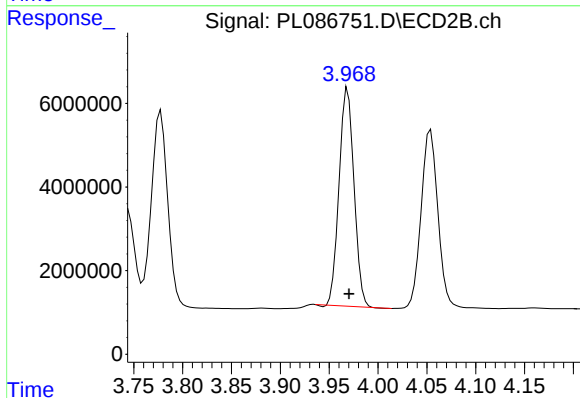
R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 26576885
Conc: 44.59 ng/ml



#7 delta-BHC

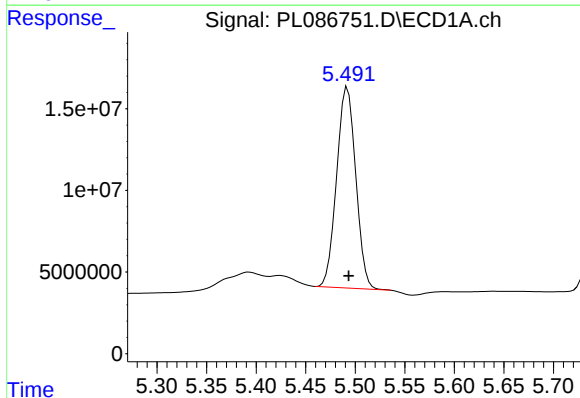
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 194991782
Conc: 42.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



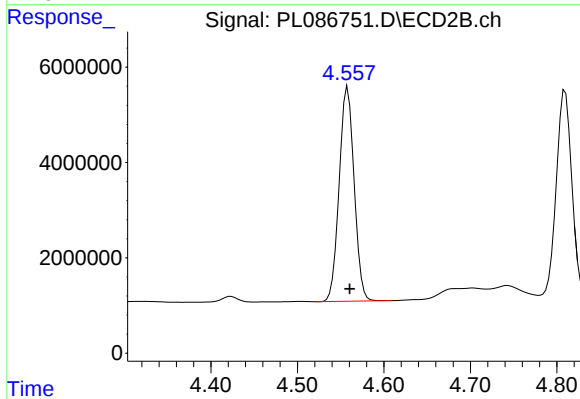
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 55384280
Conc: 42.33 ng/ml



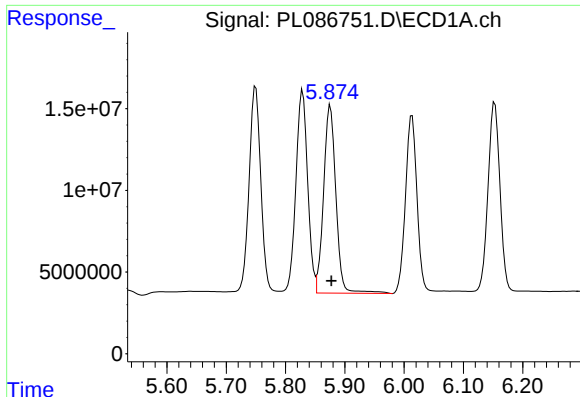
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 164889491
Conc: 42.42 ng/ml



#8 Heptachlor epoxide

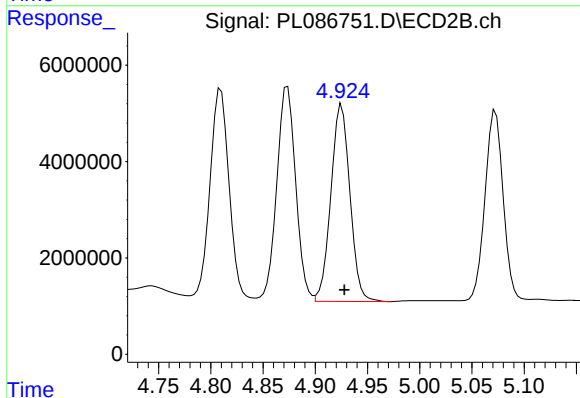
R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 53622320
Conc: 44.65 ng/ml



#9 Endosulfan I

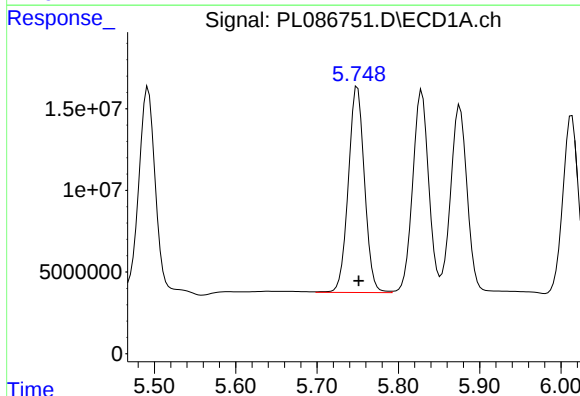
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 166155388
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



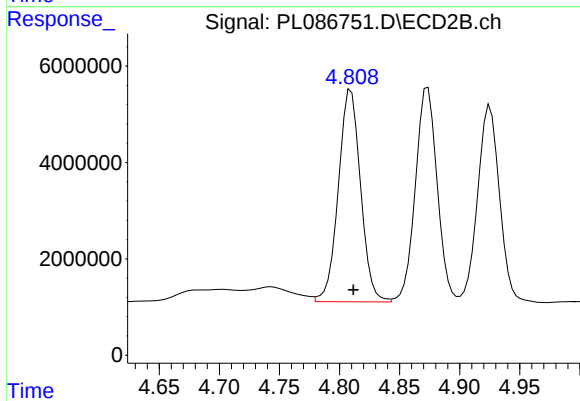
#9 Endosulfan I

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 51934318
Conc: 45.17 ng/ml



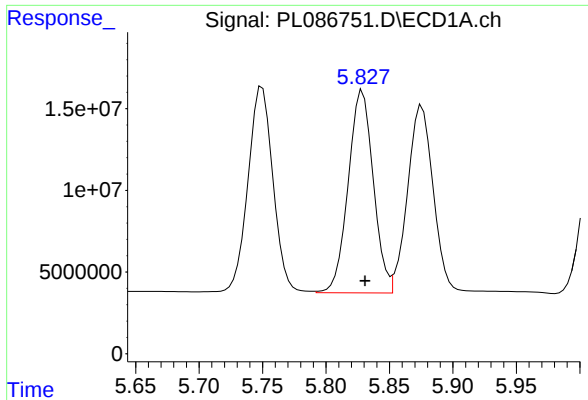
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 173430667
Conc: 42.33 ng/ml



#10 gamma-Chlordane

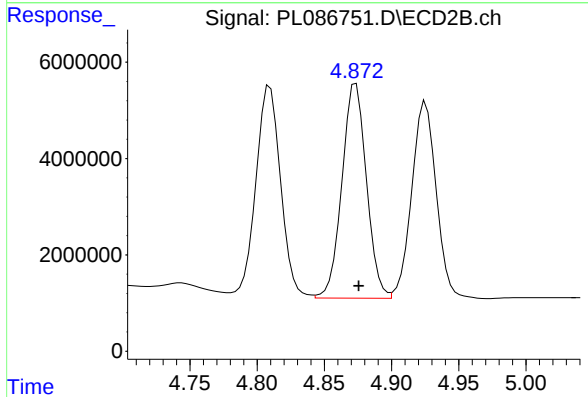
R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 56878211
Conc: 46.10 ng/ml



#11 alpha-Chlordane

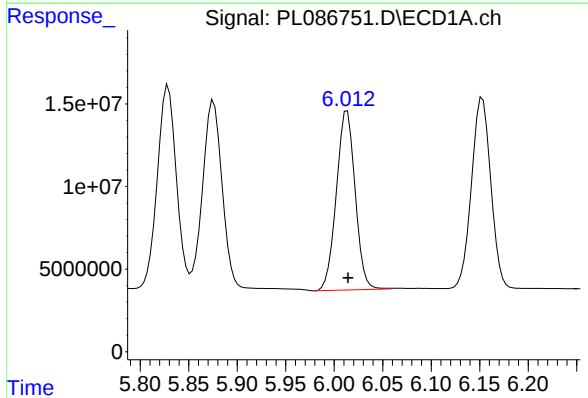
R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 170674151
Conc: 42.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



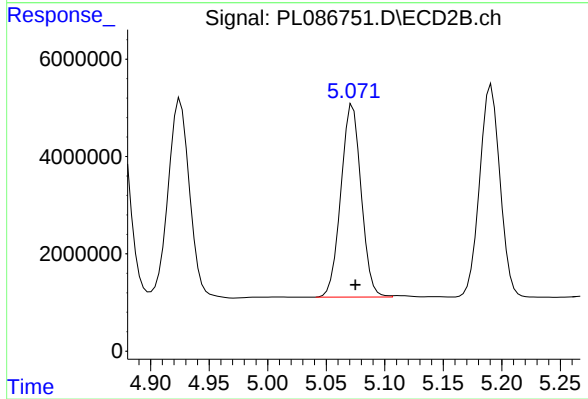
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.002 min
Response: 56453236
Conc: 45.15 ng/ml



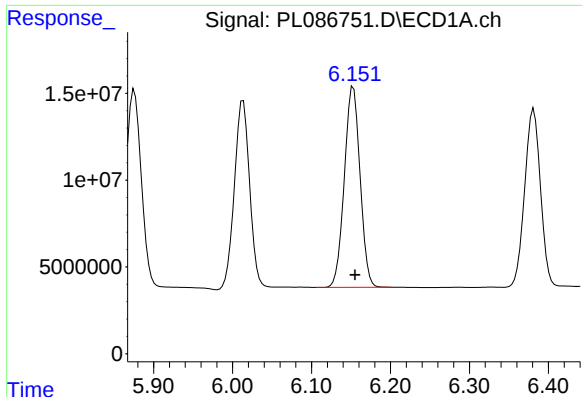
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 146127158
Conc: 42.13 ng/ml



#12 4,4'-DDE

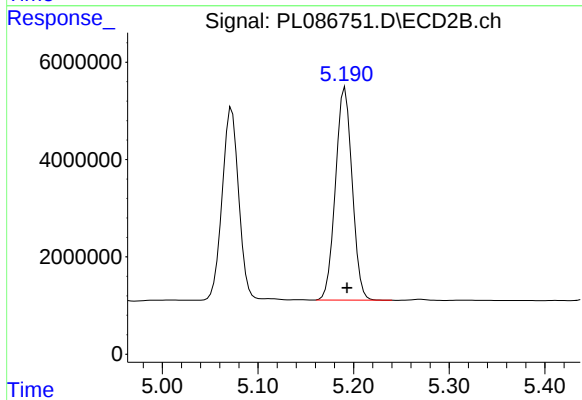
R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 47688831
Conc: 46.46 ng/ml



#13 Dieldrin

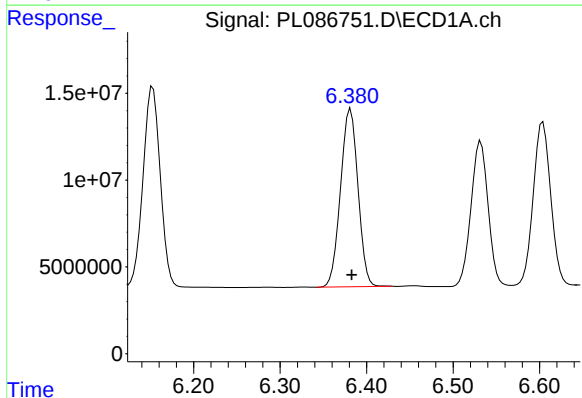
R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 160154612
Conc: 40.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



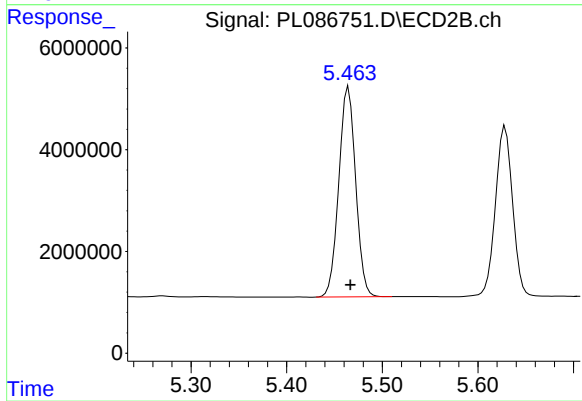
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 52853696
Conc: 44.30 ng/ml



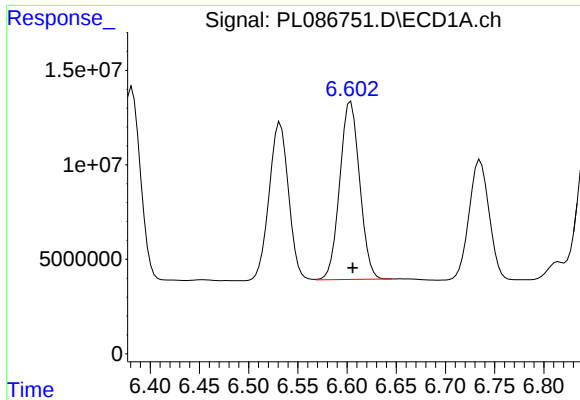
#14 Endrin

R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 142880311
Conc: 41.48 ng/ml



#14 Endrin

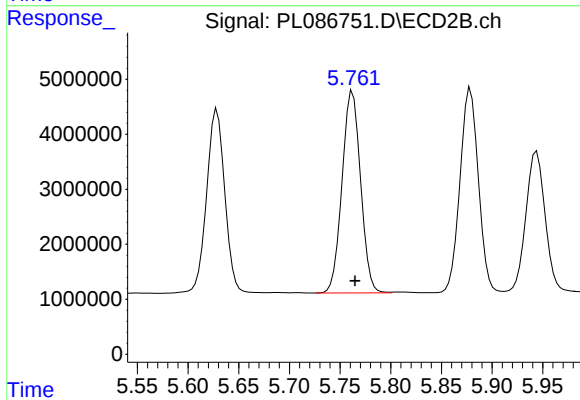
R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 50712752
Conc: 46.30 ng/ml



#15 Endosulfan II

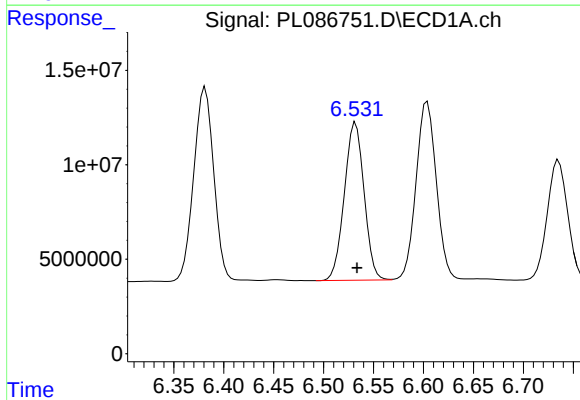
R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 132453223
Conc: 37.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



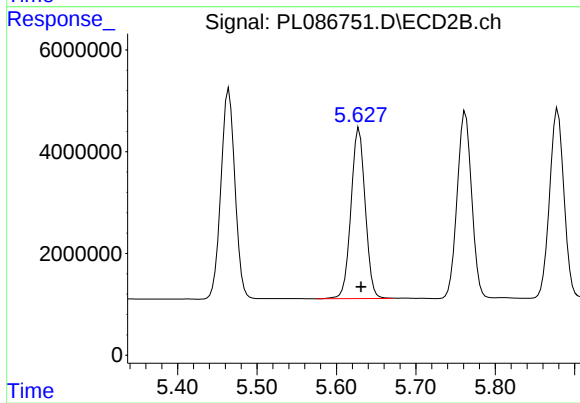
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 46713685
Conc: 42.56 ng/ml



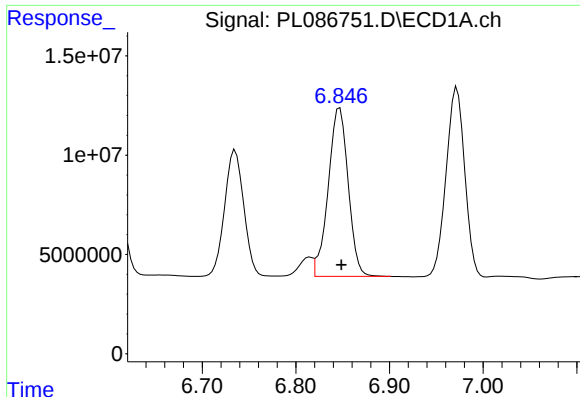
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 114761625
Conc: 43.10 ng/ml



#16 4,4'-DDD

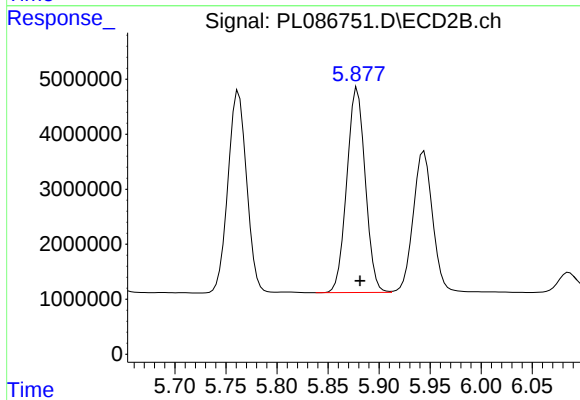
R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 41798739
Conc: 49.06 ng/ml



#17 4,4'-DDT

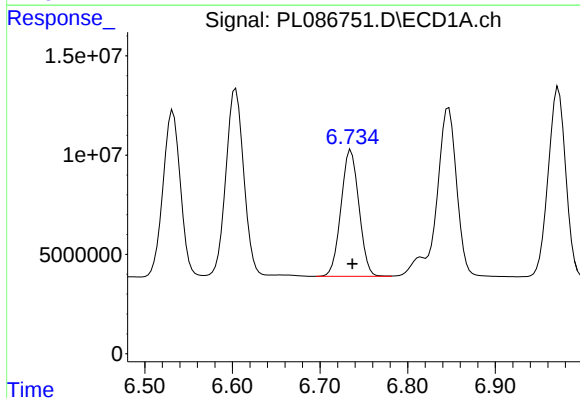
R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 126127387
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



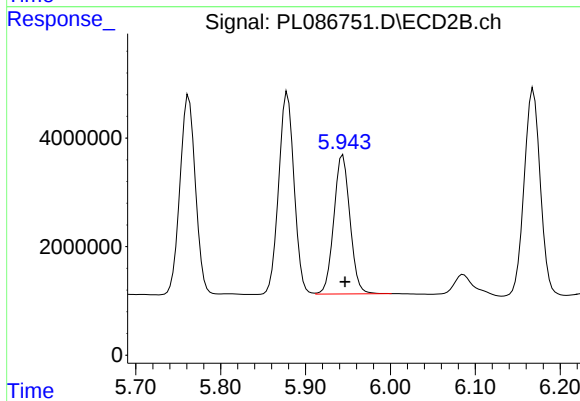
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 46815305
Conc: 47.89 ng/ml



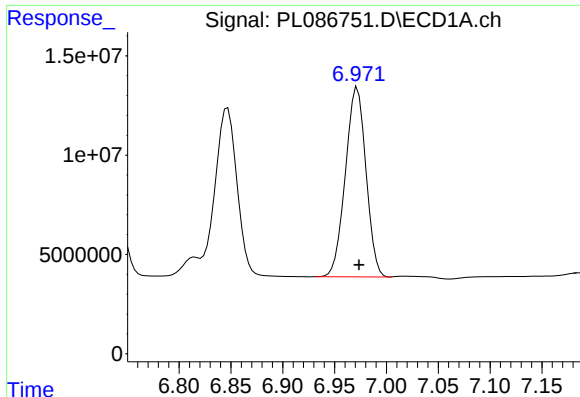
#18 Endrin aldehyde

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 90678241
Conc: 34.20 ng/ml



#18 Endrin aldehyde

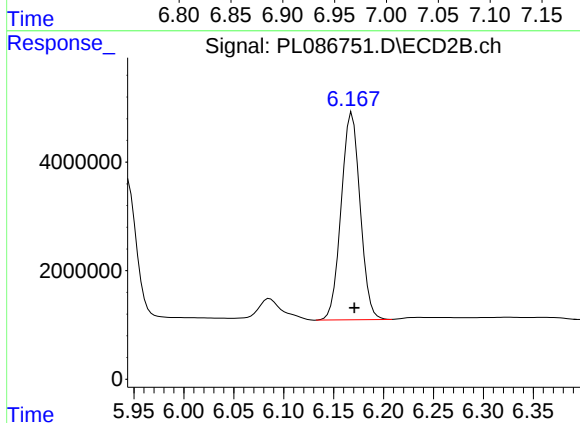
R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 33798027
Conc: 36.08 ng/ml



#19 Endosulfan Sulfate

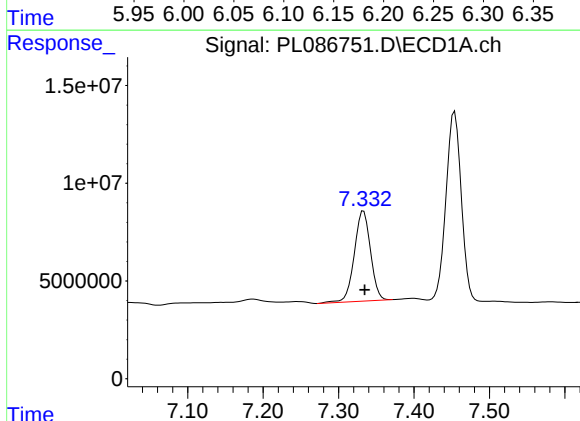
R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 131982766
Conc: 39.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



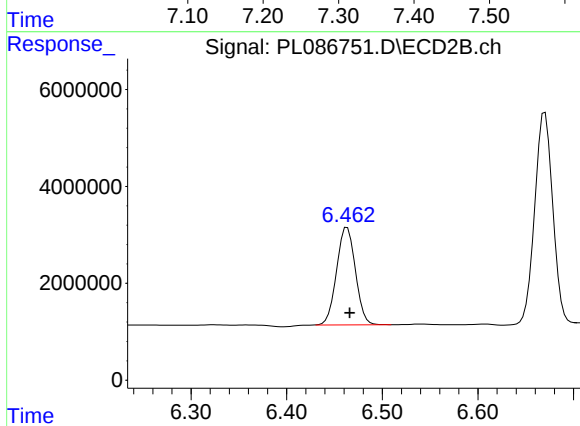
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 50491568
Conc: 46.49 ng/ml



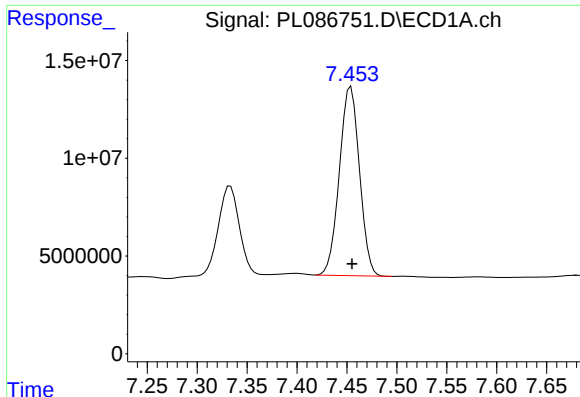
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 68780236
Conc: 43.10 ng/ml



#20 Methoxychlor

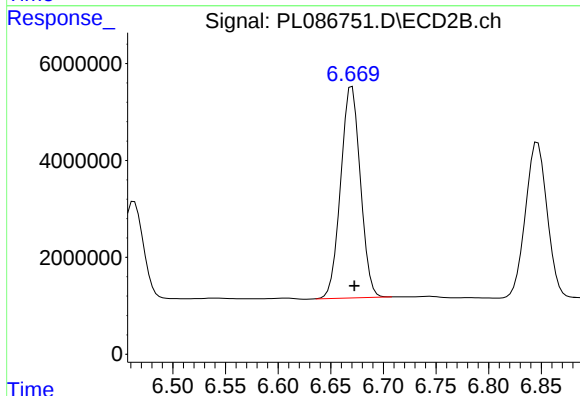
R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 27580165
Conc: 46.11 ng/ml



#21 Endrin ketone

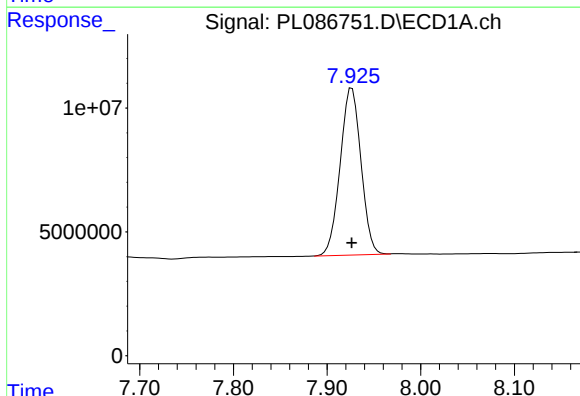
R.T.: 7.454 min
Delta R.T.: -0.001 min
Response: 135633755
Conc: 39.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



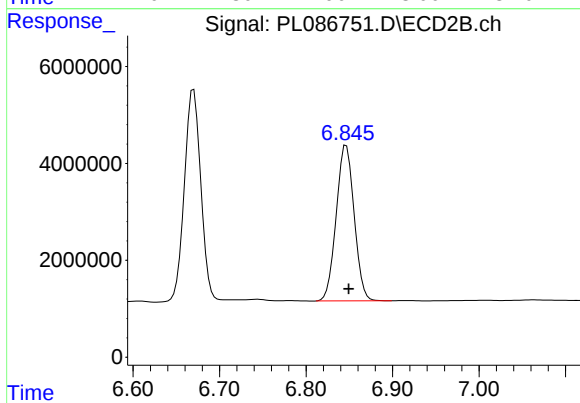
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.002 min
Response: 56951898
Conc: 44.45 ng/ml



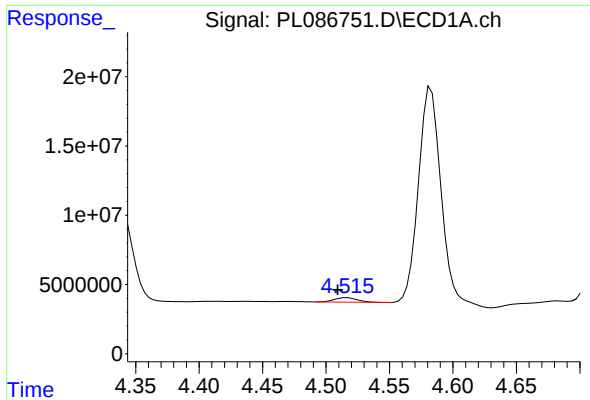
#22 Mirex

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 104251516
Conc: 36.91 ng/ml



#22 Mirex

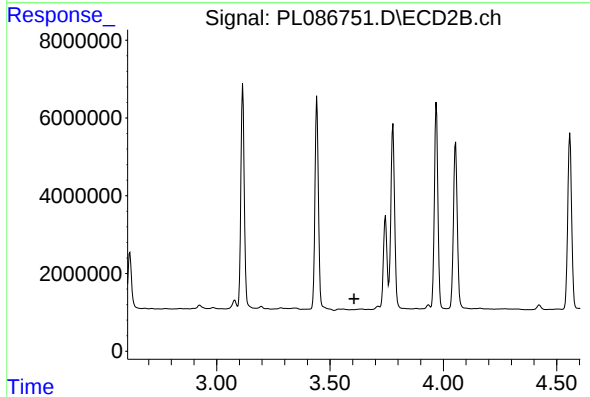
R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 46066018
Conc: 40.53 ng/ml



#23 Chlordane-1

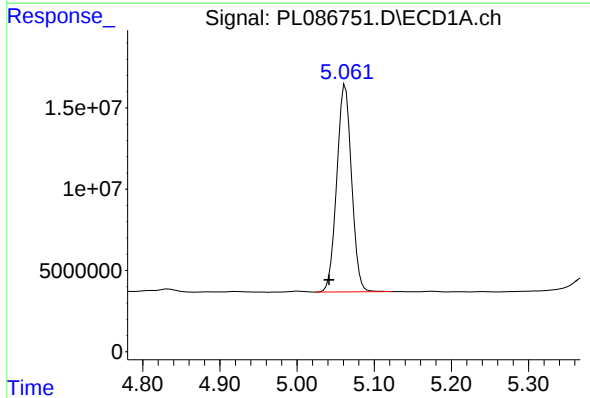
R.T.: 4.516 min
Delta R.T.: 0.007 min
Response: 4047709
Conc: 28.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



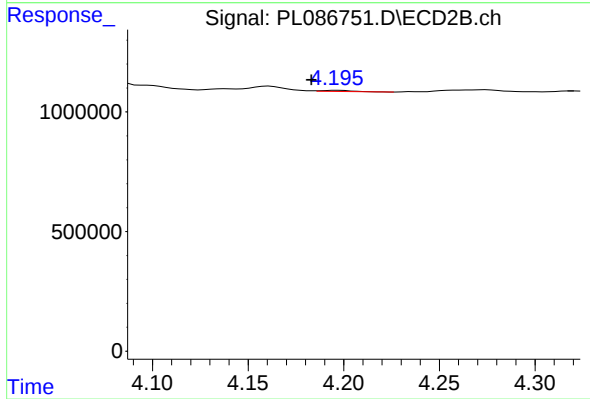
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 3.606 min
Response: 0
Conc: N.D.



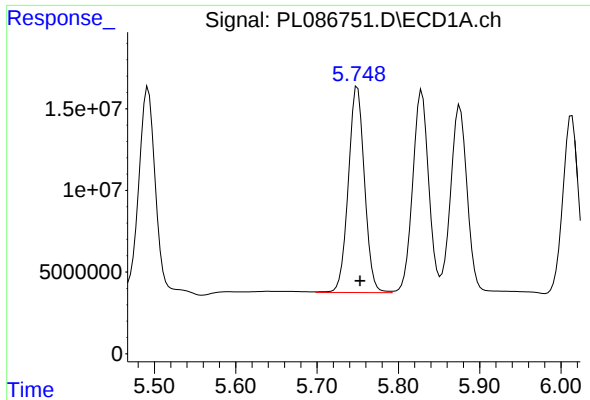
#24 Chlordane-2

R.T.: 5.062 min
Delta R.T.: 0.021 min
Response: 170159302
Conc: 1122.64 ng/ml



#24 Chlordane-2

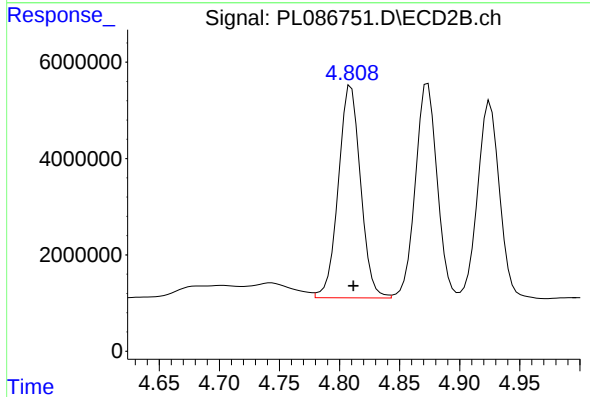
R.T.: 4.196 min
Delta R.T.: 0.013 min
Response: 51984
Conc: 1.15 ng/ml



#25 Chlordane-3

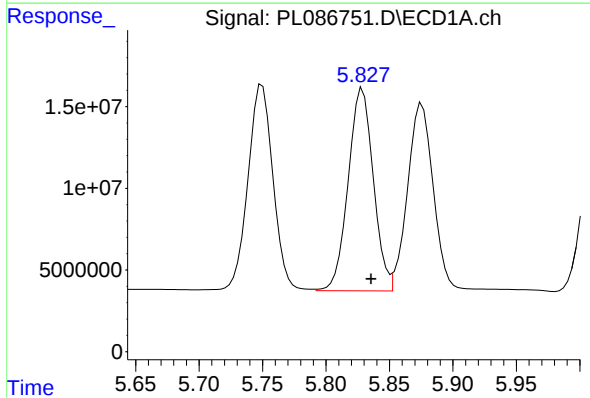
R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 173430667
Conc: 299.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



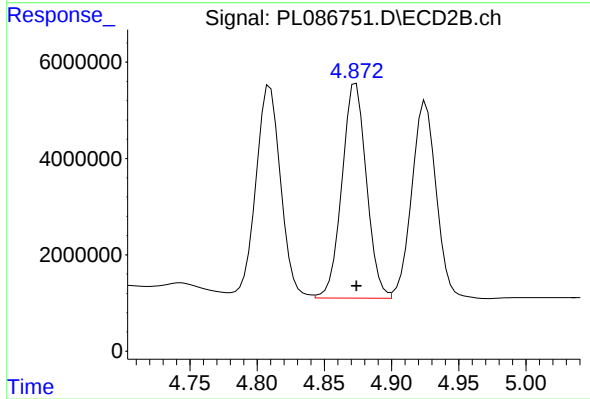
#25 Chlordane-3

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 56878211
Conc: 482.38 ng/ml



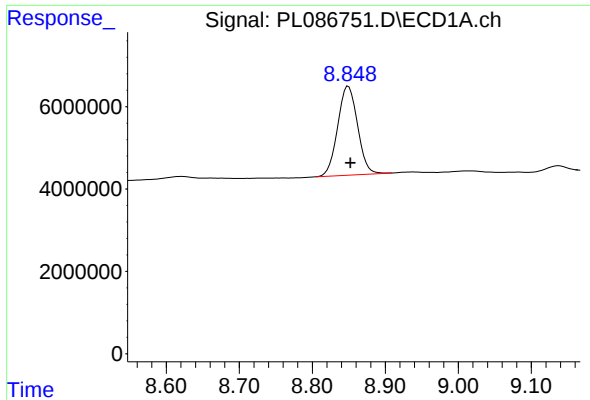
#26 Chlordane-4

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 170674151
Conc: 238.73 ng/ml



#26 Chlordane-4

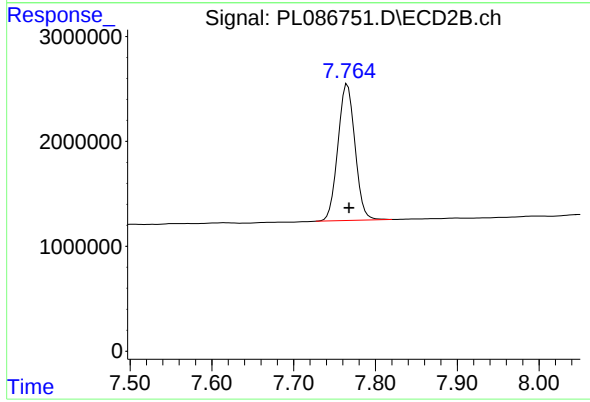
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 56453236
Conc: 442.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.003 min
Response: 41058059
Conc: 14.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 18862404
Conc: 15.62 ng/ml