

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 16:18
 Operator : AR\AJ
 Sample : 01663-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:15:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 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...	3.350	2.686	33354198	34050916	14.309	14.797
28)	SA Decachlor...	8.786	7.830	23792820	26867111	12.170	11.469
Target Compounds							
2)	A alpha-BHC	3.799	3.187	142.9E6	128.7E6	40.544	38.426
3)	MA gamma-BHC...	4.127	3.515	135.0E6	129.2E6	40.993	41.119
4)	MA Heptachlor	4.711	3.855	140.0E6	132.7E6	42.583	40.482
5)	MB Aldrin	5.048	4.134	129.6E6	122.1E6	43.073	39.717
6)	B beta-BHC	4.323	3.811	59499131	54108976	39.811	40.217
7)	B delta-BHC	4.566	4.040	131.8E6	118.3E6	41.035	39.169
8)	B Heptachlo...	5.473	4.636	119.3E6	113.4E6	42.853	39.616
9)	A Endosulfan I	5.855	5.006	109.8E6	104.0E6	42.317	39.010
10)	B gamma-Chl...	5.728	4.887	136.4E6	134.6E6	48.826	46.225
11)	B alpha-Chl...	5.807	4.951	134.7E6	128.5E6	48.564	43.998
12)	B 4,4'-DDE	5.986	5.143	115.7E6	119.9E6	46.755	50.238
13)	MA Dieldrin	6.129	5.271	110.9E6	116.6E6	41.862	42.321
14)	MA Endrin	6.356	5.545	93510395	110.5E6	39.498	44.690
15)	B Endosulfa...	6.575	5.839	86275566	94970049	38.864	42.001
16)	A 4,4'-DDD	6.499	5.697	91534727	83933501	45.254	44.094
17)	MA 4,4'-DDT	6.812	5.949	163.1E6	161.7E6	72.189	74.577
18)	B Endrin al...	6.705	6.019	74301424	74540415	40.862	40.398
19)	B Endosulfa...	6.938	6.242	94680899	95575013	41.111	40.323
20)	A Methoxychlor	7.290	6.526	50618821	54050819	41.251	45.033
21)	B Endrin ke...	7.419	6.747	98269190	101.0E6	41.264	38.559
22)	Mirex	7.890	6.929	78908645	87358733	42.177	37.557
23)	Chlordane-1	4.493	3.682	1920831	1047595	21.159	12.850 #
24)	Chlordane-2	5.048f	4.259	129.6E6	2155990	1274.104	23.719 #
25)	Chlordane-3	5.728	4.887	136.4E6	134.6E6	358.869	512.296 #
26)	Chlordane-4	5.807	4.951	134.7E6	128.5E6	290.797	478.751 #
27)	Chlordane-5	6.652	5.623	-1558135	3472030	N.D.	45.090

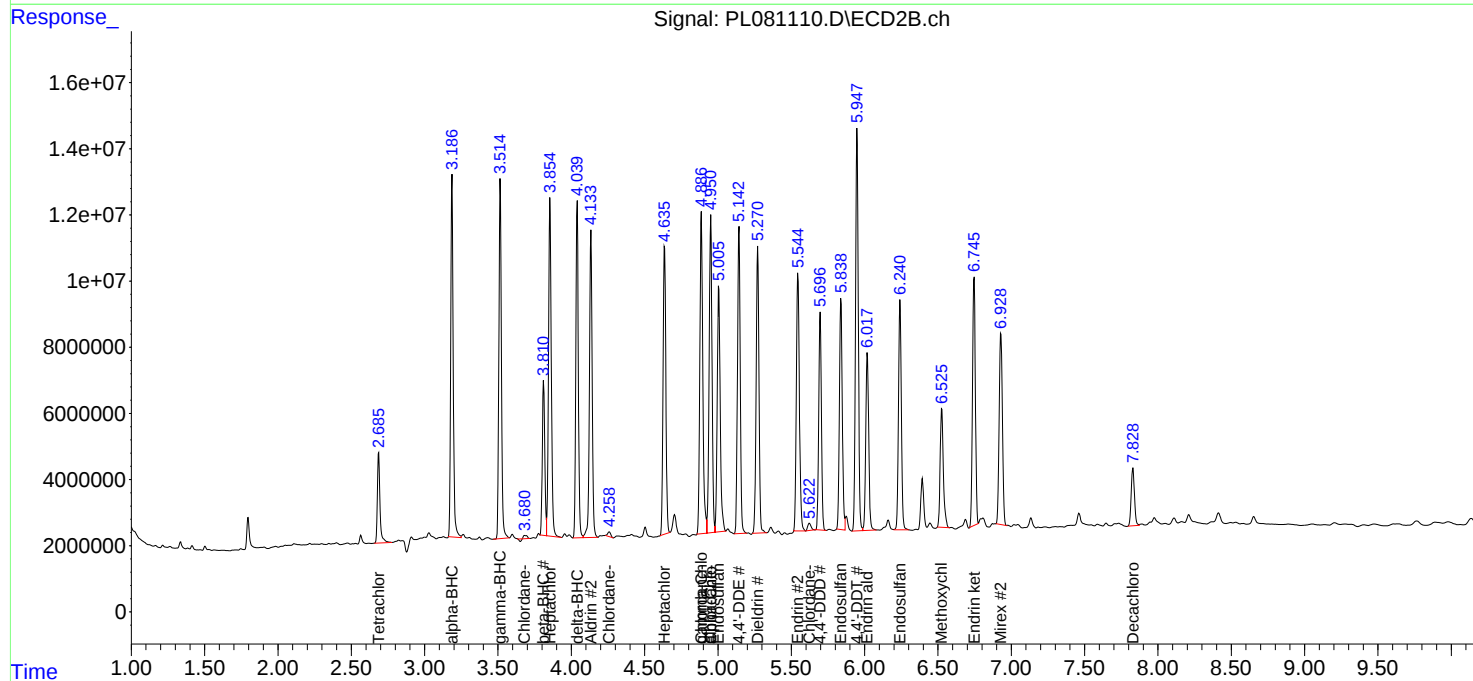
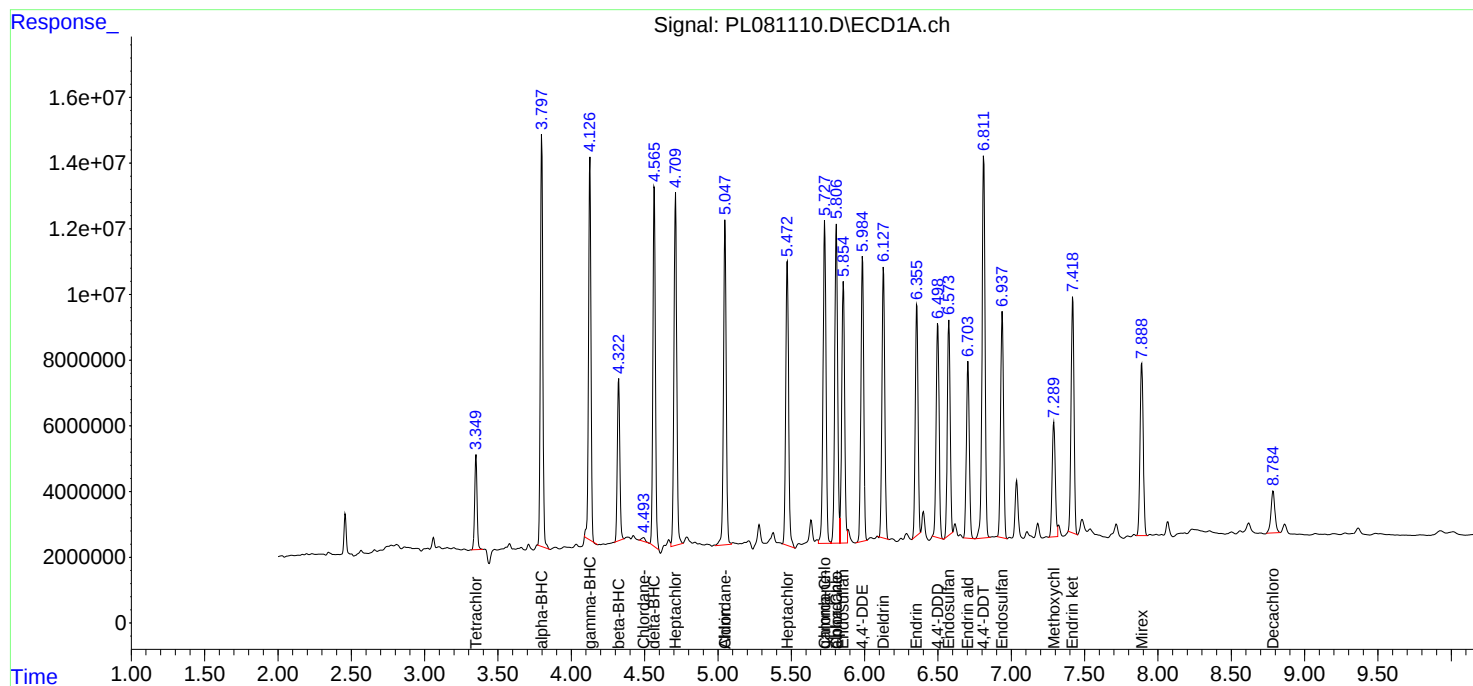
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

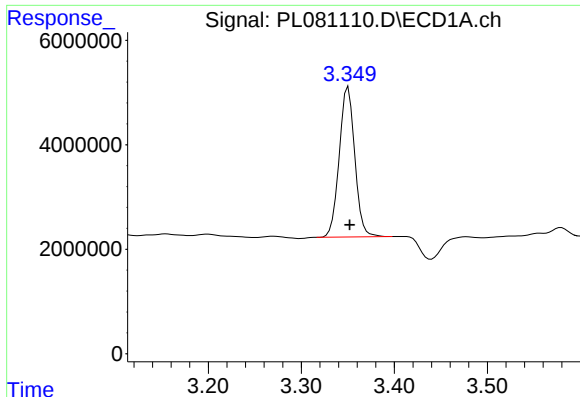
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

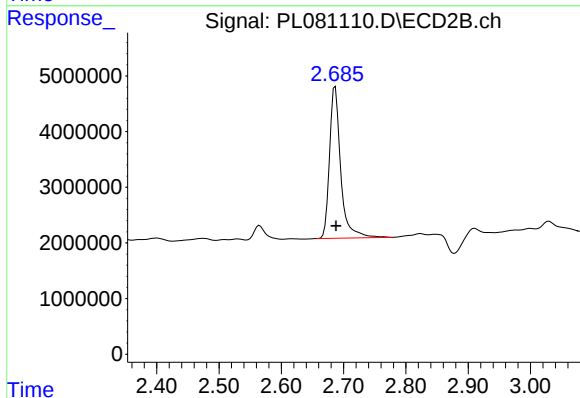




#1 Tetrachloro-m-xylene

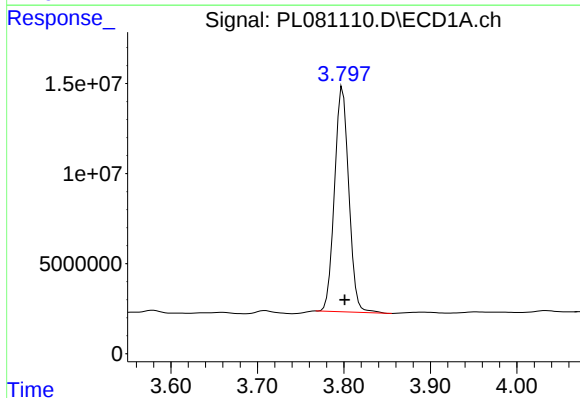
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 33354198
Conc: 14.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



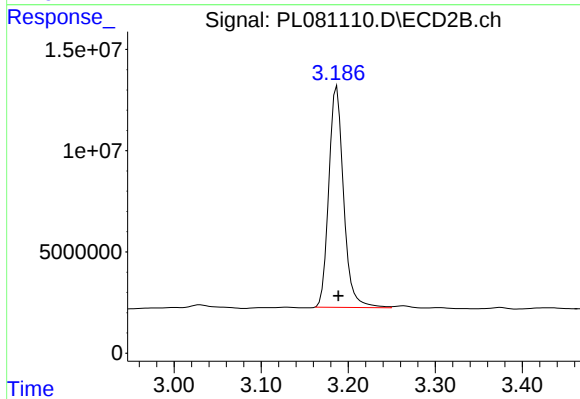
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 34050916
Conc: 14.80 ng/ml



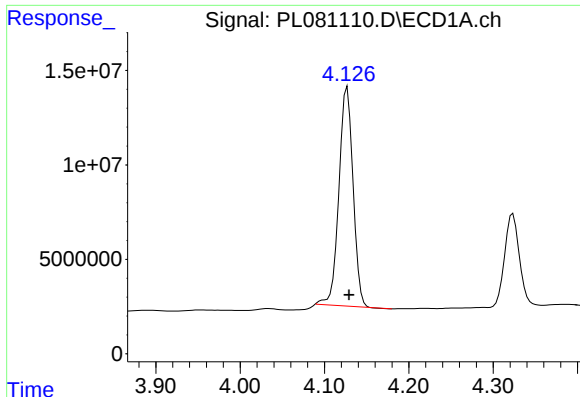
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 142890639
Conc: 40.54 ng/ml



#2 alpha-BHC

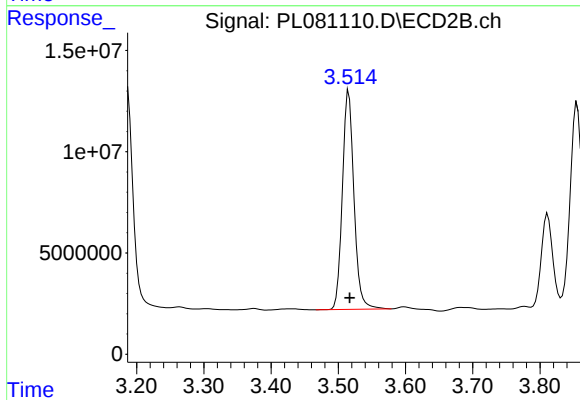
R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 128688041
Conc: 38.43 ng/ml



#3 gamma-BHC (Lindane)

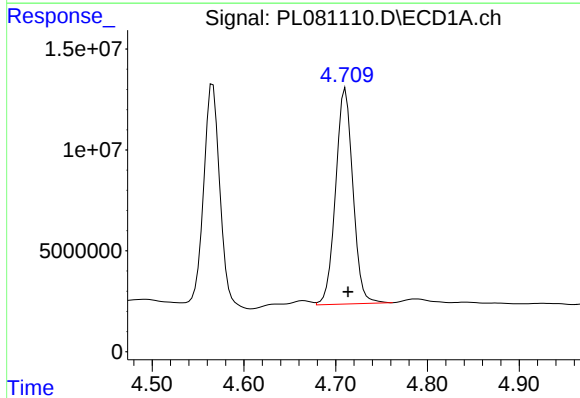
R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 135012745
Conc: 40.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



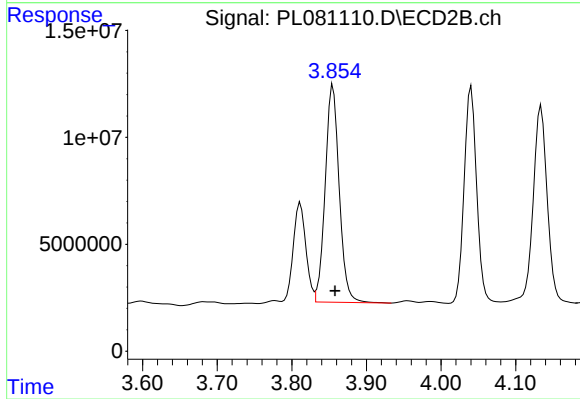
#3 gamma-BHC (Lindane)

R.T.: 3.515 min
Delta R.T.: -0.002 min
Response: 129157541
Conc: 41.12 ng/ml



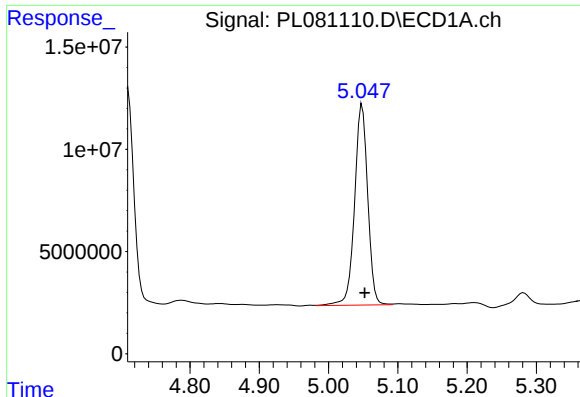
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 140035587
Conc: 42.58 ng/ml



#4 Heptachlor

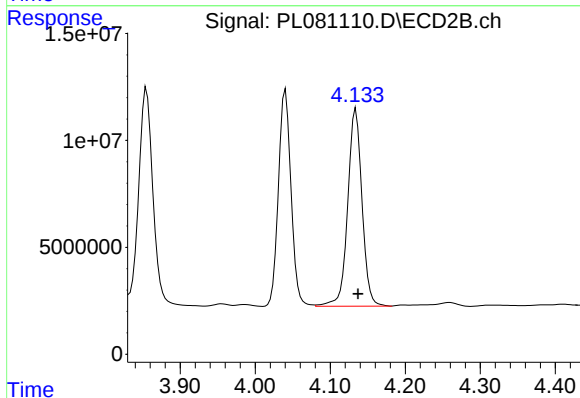
R.T.: 3.855 min
Delta R.T.: -0.003 min
Response: 132721735
Conc: 40.48 ng/ml



#5 Aldrin

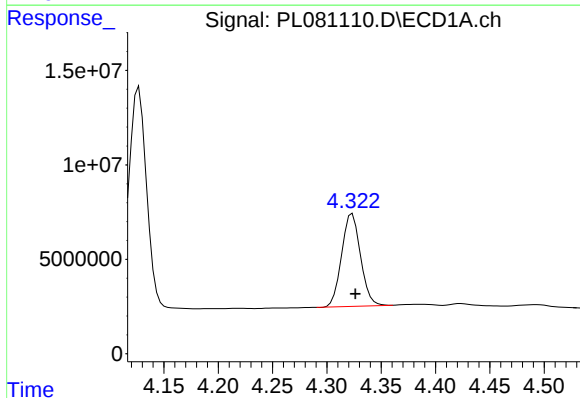
R.T.: 5.048 min
Delta R.T.: -0.004 min
Response: 129571856
Conc: 43.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



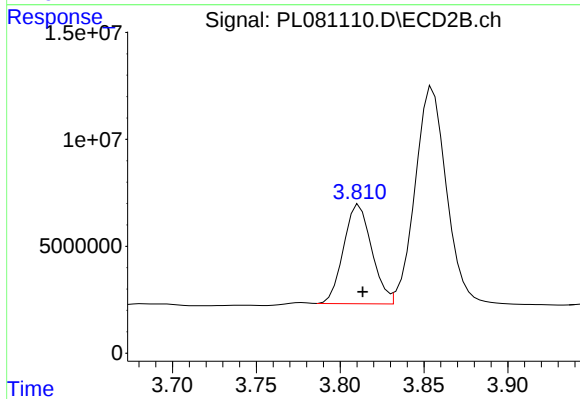
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.003 min
Response: 122070798
Conc: 39.72 ng/ml



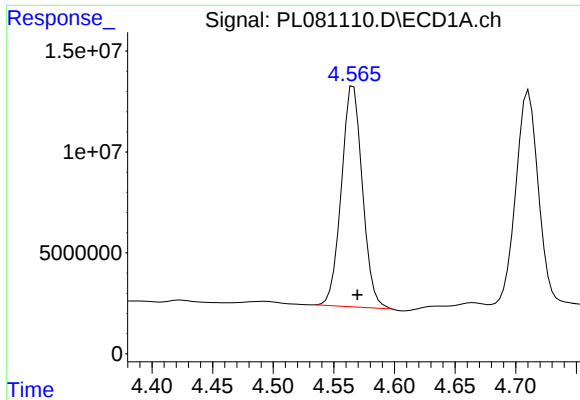
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 59499131
Conc: 39.81 ng/ml



#6 beta-BHC

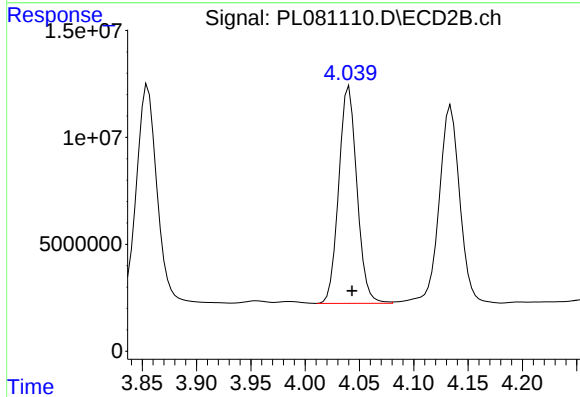
R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 54108976
Conc: 40.22 ng/ml



#7 delta-BHC

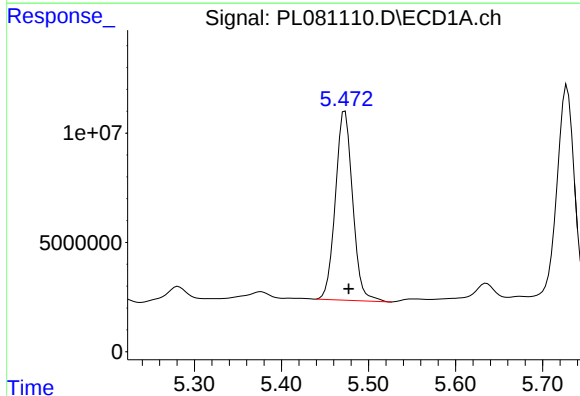
R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 131758082
Conc: 41.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



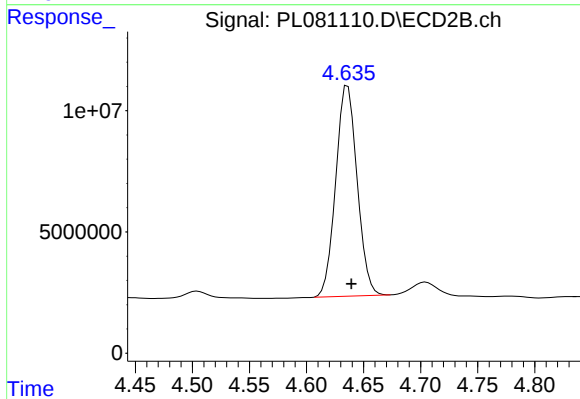
#7 delta-BHC

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 118340217
Conc: 39.17 ng/ml



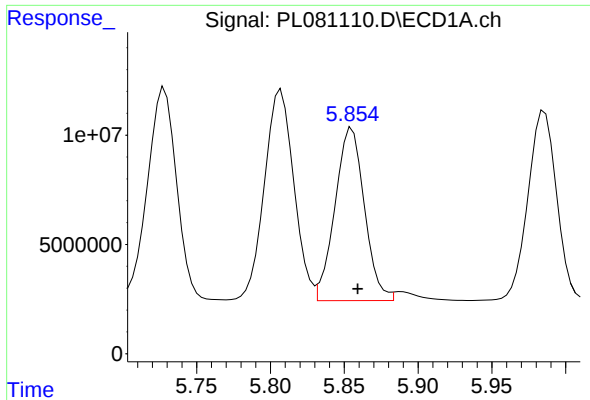
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 119329367
Conc: 42.85 ng/ml



#8 Heptachlor epoxide

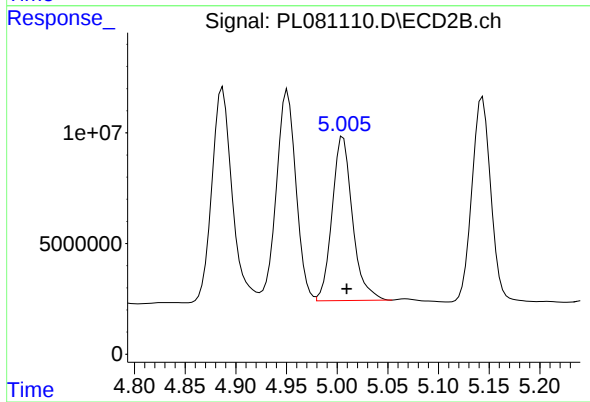
R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 113351721
Conc: 39.62 ng/ml



#9 Endosulfan I

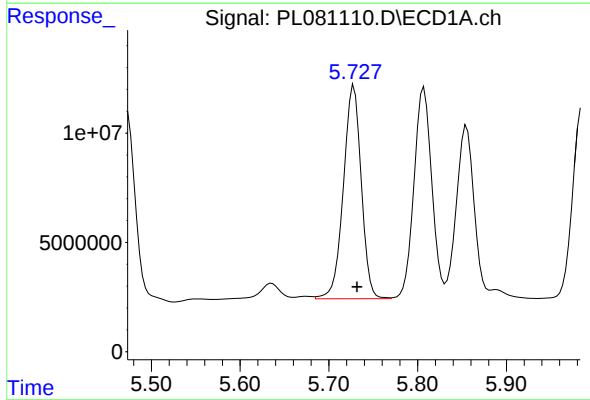
R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 109800411
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



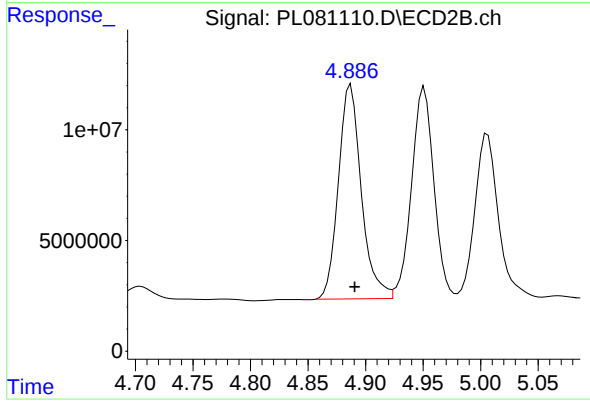
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 103975202
Conc: 39.01 ng/ml



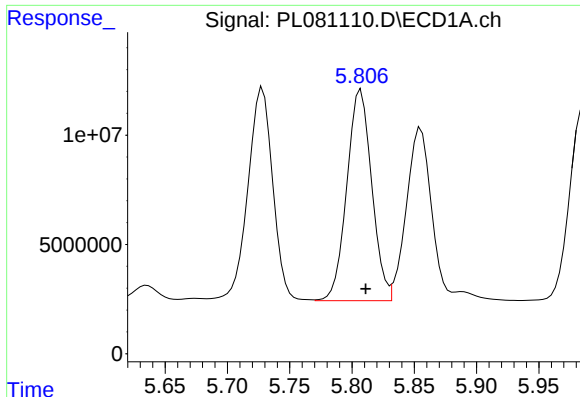
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 136389972
Conc: 48.83 ng/ml



#10 gamma-Chlordane

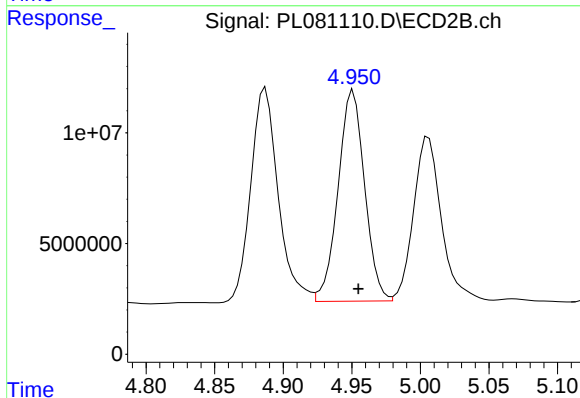
R.T.: 4.887 min
Delta R.T.: -0.004 min
Response: 134617615
Conc: 46.23 ng/ml



#11 alpha-Chlordane

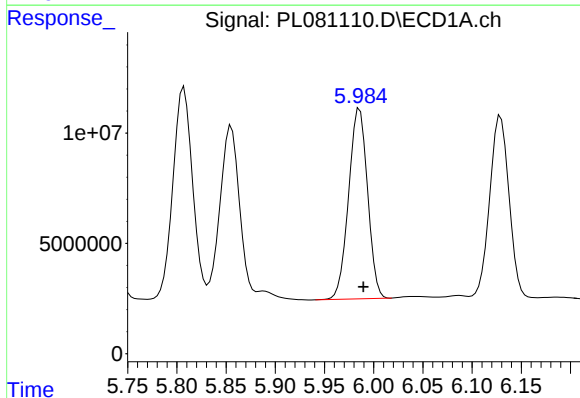
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 134749772
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



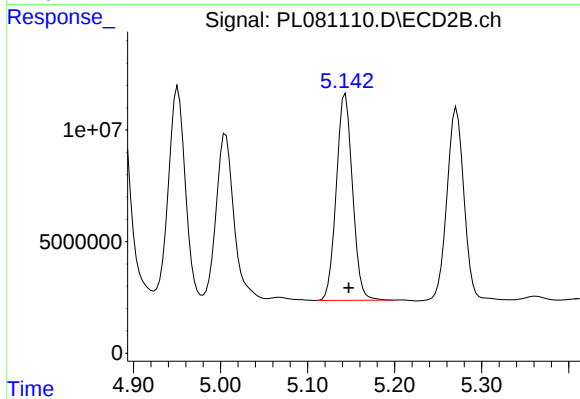
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 128455904
Conc: 44.00 ng/ml



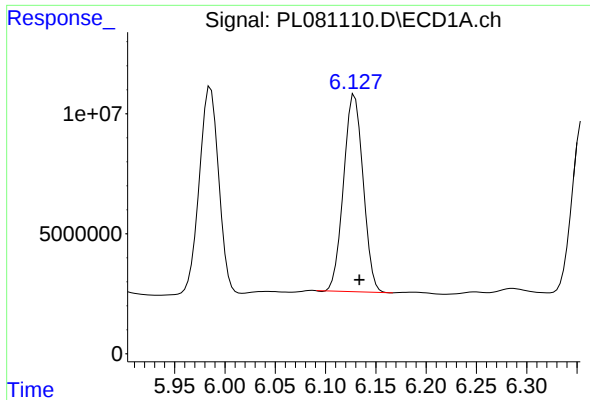
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 115730943
Conc: 46.76 ng/ml



#12 4,4'-DDE

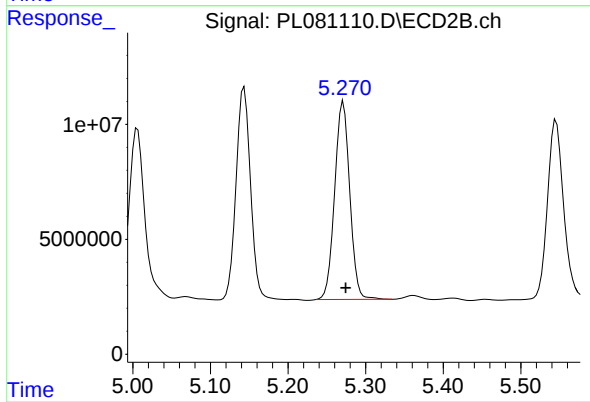
R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 119917987
Conc: 50.24 ng/ml



#13 Dieldrin

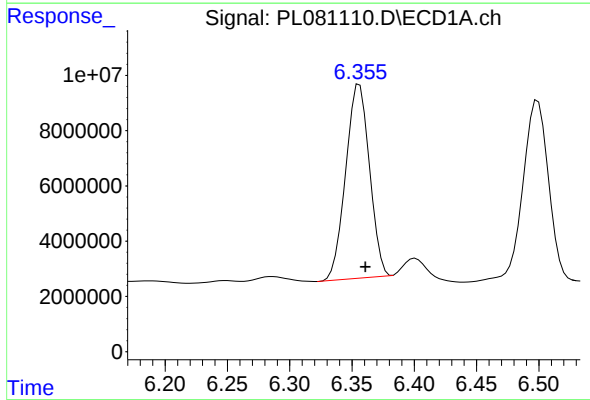
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 110858634
Conc: 41.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



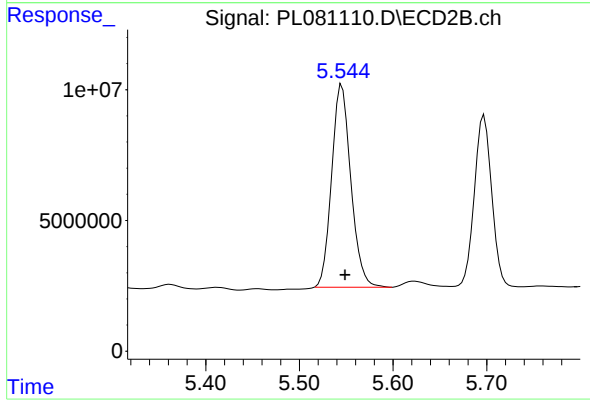
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 116569691
Conc: 42.32 ng/ml



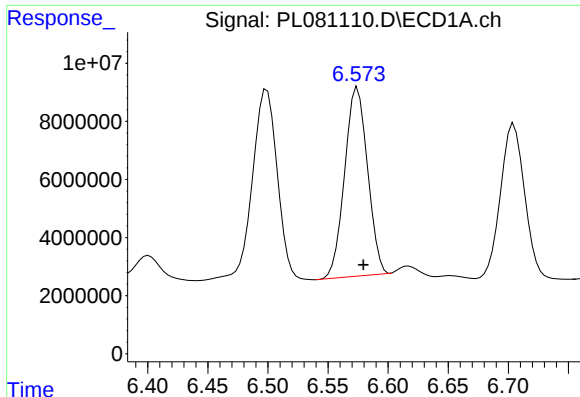
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 93510395
Conc: 39.50 ng/ml



#14 Endrin

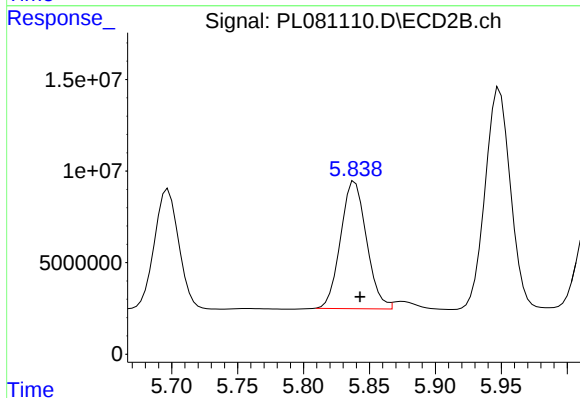
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 110497463
Conc: 44.69 ng/ml



#15 Endosulfan II

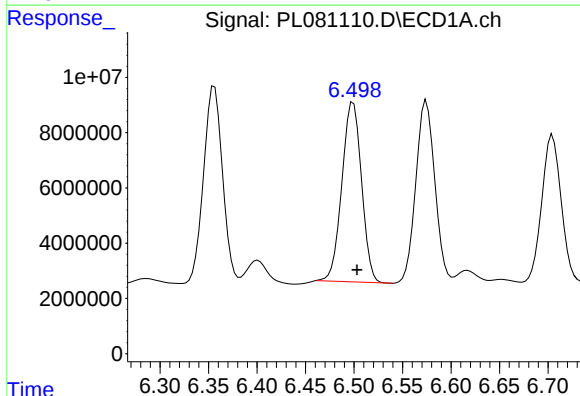
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 86275566
Conc: 38.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



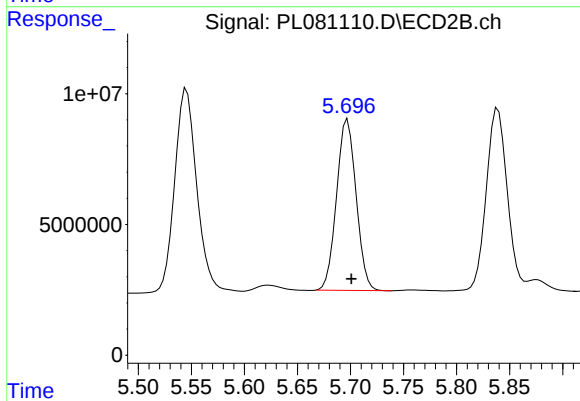
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 94970049
Conc: 42.00 ng/ml



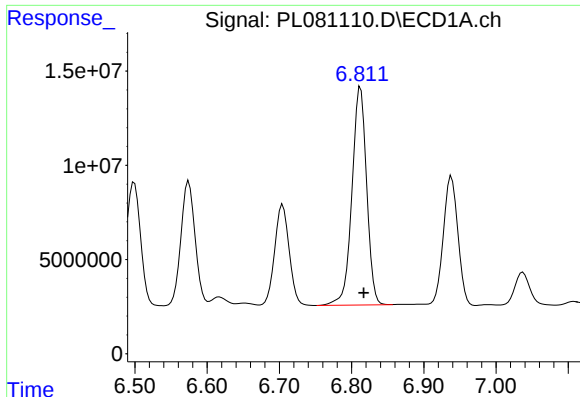
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 91534727
Conc: 45.25 ng/ml



#16 4,4'-DDD

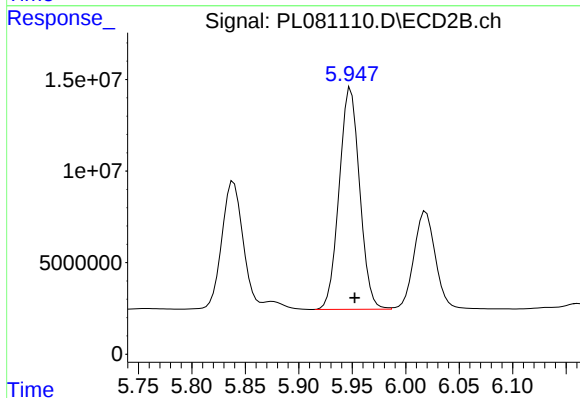
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 83933501
Conc: 44.09 ng/ml



#17 4,4'-DDT

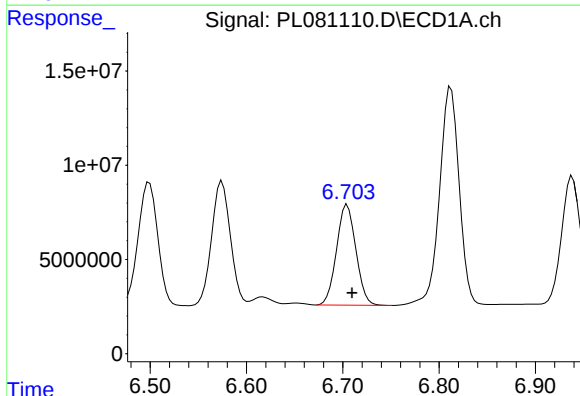
R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 163103025
Conc: 72.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



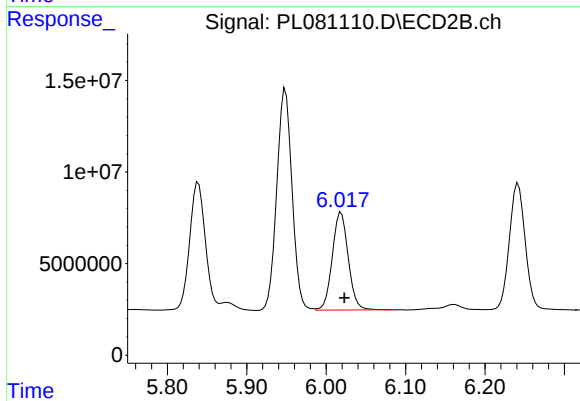
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 161689956
Conc: 74.58 ng/ml



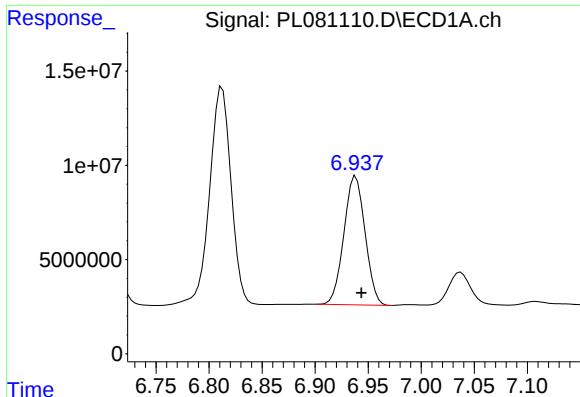
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 74301424
Conc: 40.86 ng/ml



#18 Endrin aldehyde

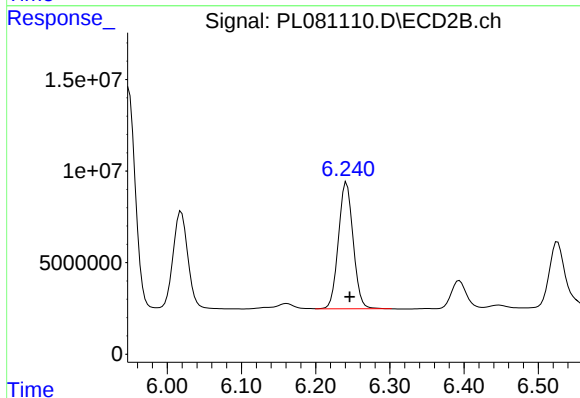
R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 74540415
Conc: 40.40 ng/ml



#19 Endosulfan Sulfate

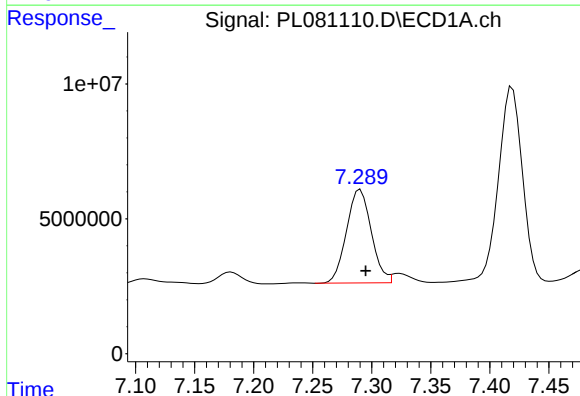
R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 94680899
Conc: 41.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



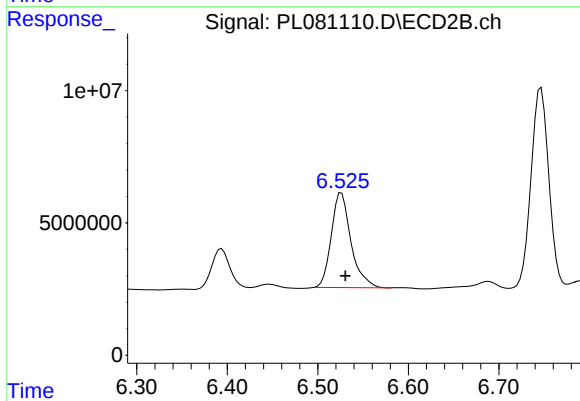
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 95575013
Conc: 40.32 ng/ml



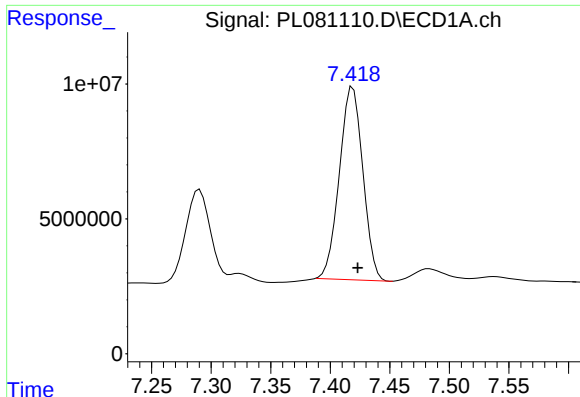
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 50618821
Conc: 41.25 ng/ml



#20 Methoxychlor

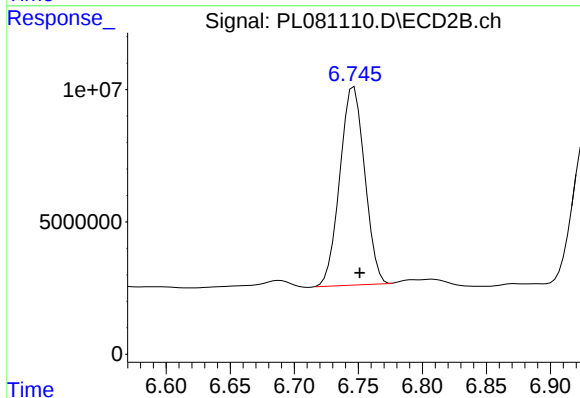
R.T.: 6.526 min
Delta R.T.: -0.005 min
Response: 54050819
Conc: 45.03 ng/ml



#21 Endrin ketone

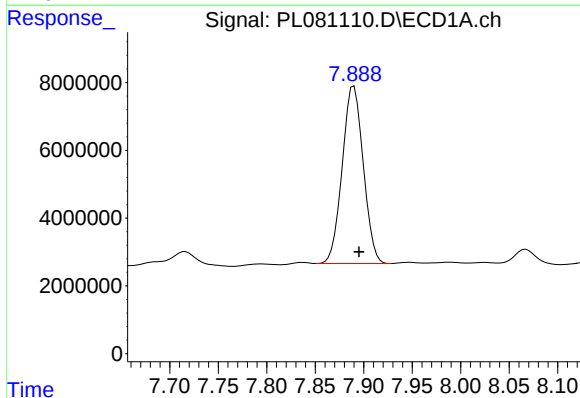
R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 98269190
Conc: 41.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



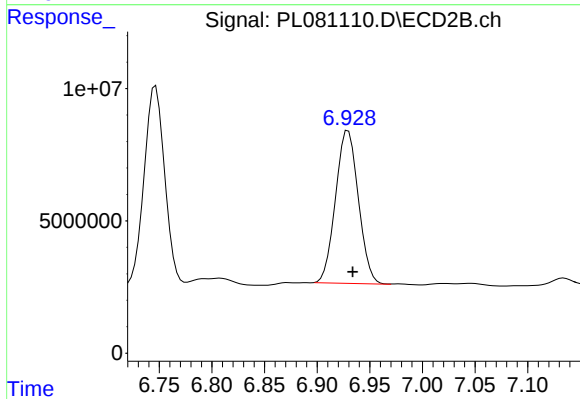
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 100959386
Conc: 38.56 ng/ml



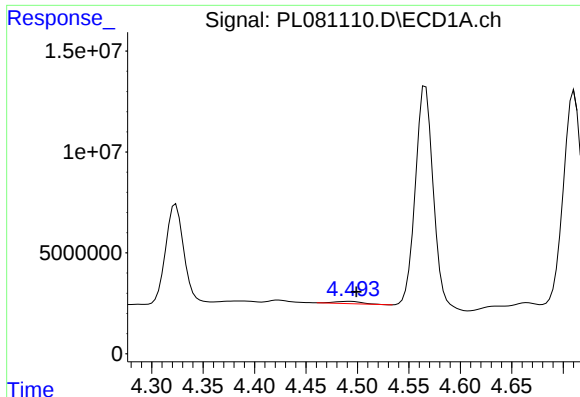
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 78908645
Conc: 42.18 ng/ml



#22 Mirex

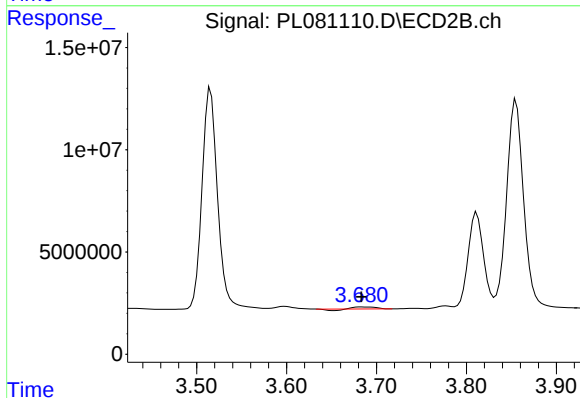
R.T.: 6.929 min
Delta R.T.: -0.004 min
Response: 87358733
Conc: 37.56 ng/ml



#23 Chlordane-1

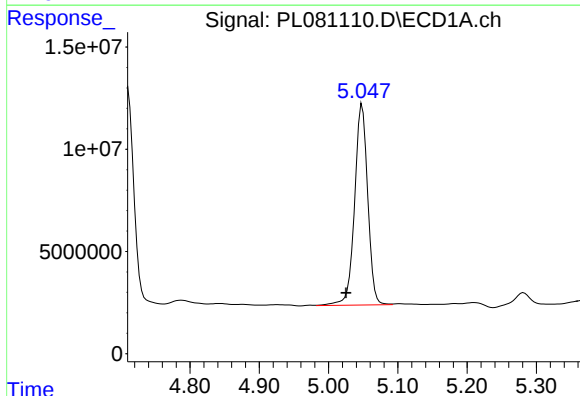
R.T.: 4.493 min
Delta R.T.: -0.005 min
Response: 1920831
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



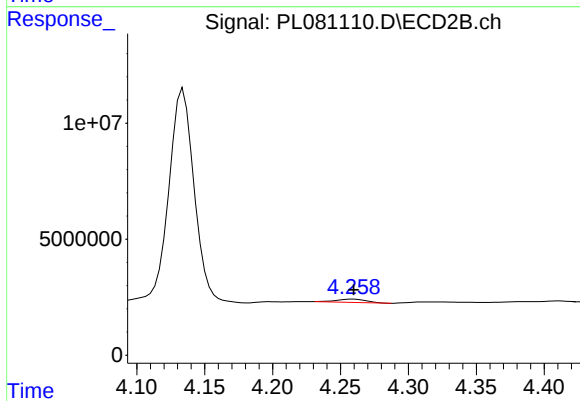
#23 Chlordane-1

R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 1047595
Conc: 12.85 ng/ml



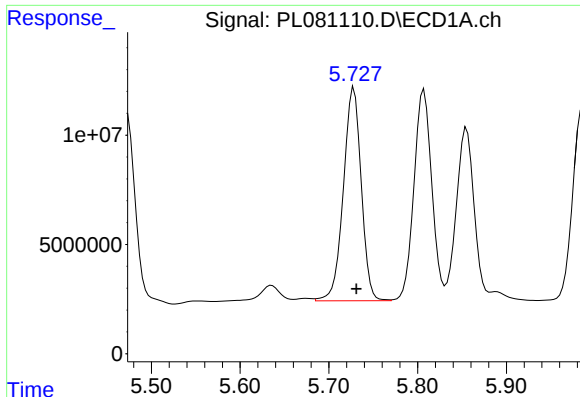
#24 Chlordane-2

R.T.: 5.048 min
Delta R.T.: 0.023 min
Response: 129571856
Conc: 1274.10 ng/ml



#24 Chlordane-2

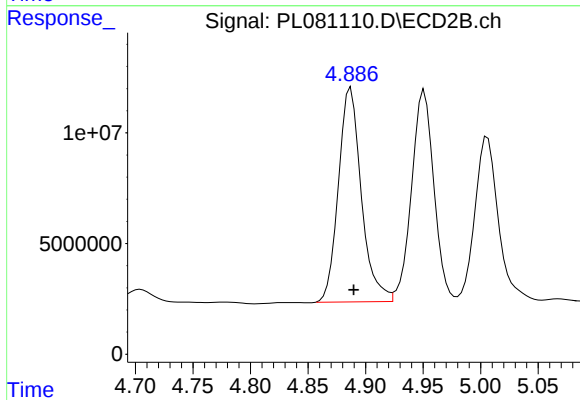
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 2155990
Conc: 23.72 ng/ml



#25 Chlordane-3

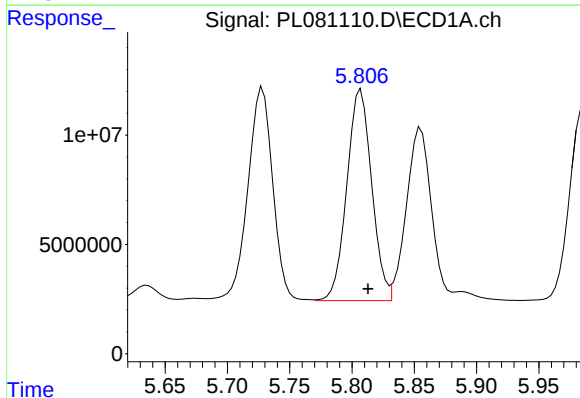
R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 136389972
Conc: 358.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



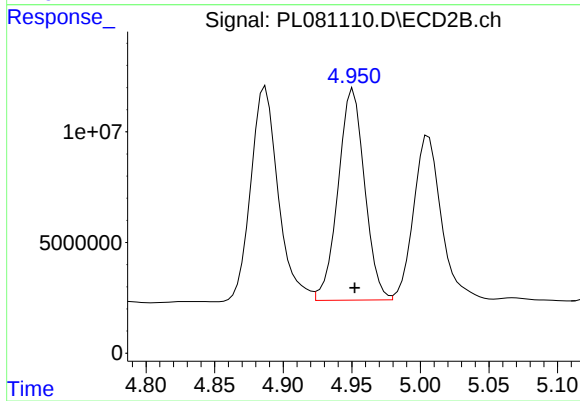
#25 Chlordane-3

R.T.: 4.887 min
Delta R.T.: -0.003 min
Response: 134617615
Conc: 512.30 ng/ml



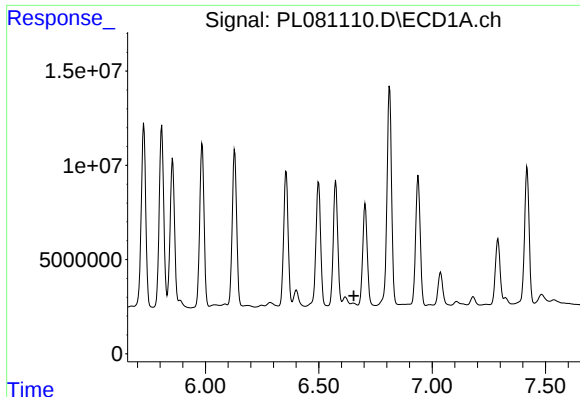
#26 Chlordane-4

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 134749772
Conc: 290.80 ng/ml



#26 Chlordane-4

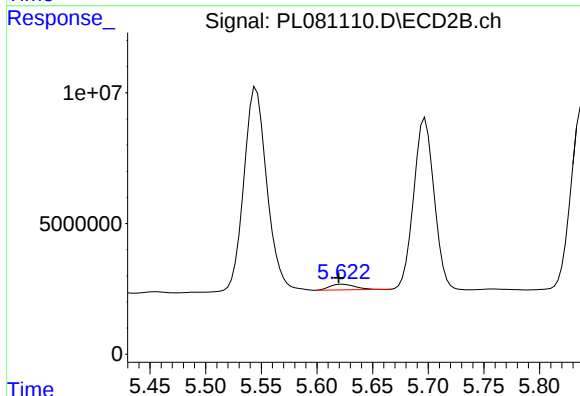
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 128455904
Conc: 478.75 ng/ml



#27 Chlordane-5

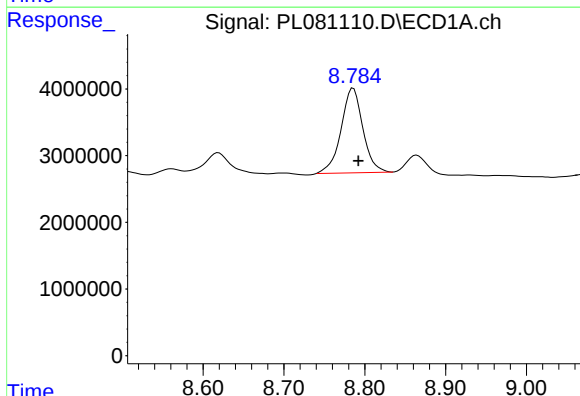
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: -1558135
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



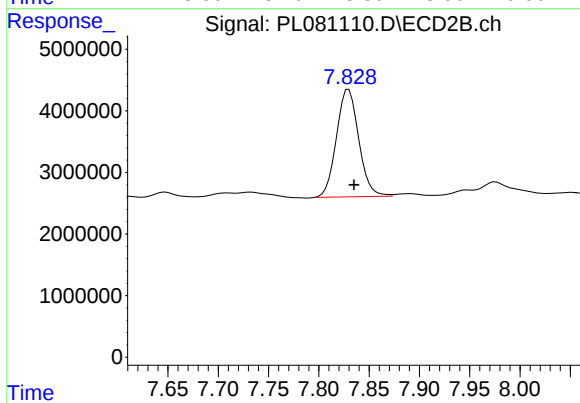
#27 Chlordane-5

R.T.: 5.623 min
Delta R.T.: 0.003 min
Response: 3472030
Conc: 45.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.006 min
Response: 23792820
Conc: 12.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.005 min
Response: 26867111
Conc: 11.47 ng/ml