

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 17:41
 Operator : AR\AJ
 Sample : 01671-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 21:57:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 15:14:21 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...	3.338	2.669	30972913	31568472	21.705	18.357
28)	SA Decachlor...	8.767	7.795	17570586	23670511	18.348	21.256
Target Compounds							
2)	A alpha-BHC	3.789	3.170	113.6E6	123.6E6	56.501	51.756
3)	MA gamma-BHC...	4.117	3.499	108.2E6	118.8E6	59.641	53.753
4)	MA Heptachlor	4.697	3.833	97725599	111.3E6	60.131	55.015
5)	MB Aldrin	5.034	4.111	91690606	113.2E6	61.268	55.643
6)	B beta-BHC	4.320	3.798	49128053	48192995	59.398	54.195
7)	B delta-BHC	4.562	4.026	99755986	101.6E6	59.096	53.120
8)	B Heptachlo...	5.461	4.614	82950335	102.9E6	59.782	57.782
9)	A Endosulfan I	5.842	4.982	74966069	91265171	61.813	58.115
10)	B gamma-Chl...	5.716	4.863	81659503	100.7E6	61.914	57.279
11)	B alpha-Chl...	5.794	4.927	79484916	100.3E6	62.543	58.427
12)	B 4,4'-DDE	5.972	5.117	75840895	90290471	65.725	65.836
13)	MA Dieldrin	6.117	5.247	71859845	95922670	57.054	59.815
14)	MA Endrin	6.344	5.522	58431751	82860420	52.461	61.826
15)	B Endosulfa...	6.567	5.818	59106411	71618781	51.790	61.980
16)	A 4,4'-DDD	6.487	5.672	54267536	65584795	56.687	60.491
17)	MA 4,4'-DDT	6.798	5.921	54113890	63812369	60.468	66.394
18)	B Endrin al...	6.697	5.999	46134900	58711888	55.075	59.797
19)	B Endosulfa...	6.931	6.221	58806103	75182386	56.915	60.787
20)	A Methoxychlor	7.280	6.502	26521912	33658123	57.098	67.014
21)	B Endrin ke...	7.411	6.727	57167569	82210701	49.813	61.618
22)	Mirex	7.874	6.899	45606558	70714143	52.826	62.851
23)	Chlordane-1	0.000	3.647f	0	178517	N.D.	2.562 #
24)	Chlordane-2	5.034f	4.213f	91690606	115805	1446.799	1.418 #
25)	Chlordane-3	5.716	4.863	81659503	100.7E6	367.004	478.288 #
26)	Chlordane-4	5.794	4.927	79484916	100.3E6	298.194	456.626 #
27)	Chlordane-5	6.619f	5.603	981751	570168	21.951	11.776 #

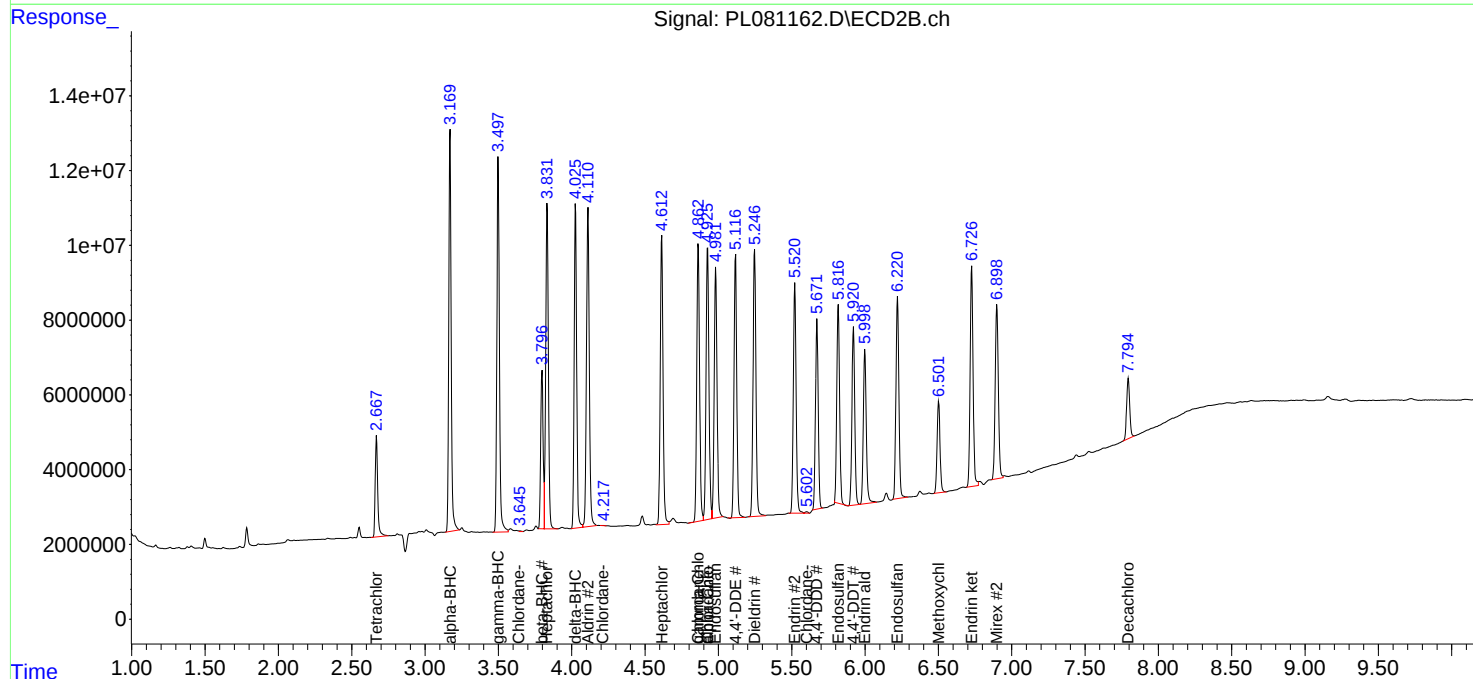
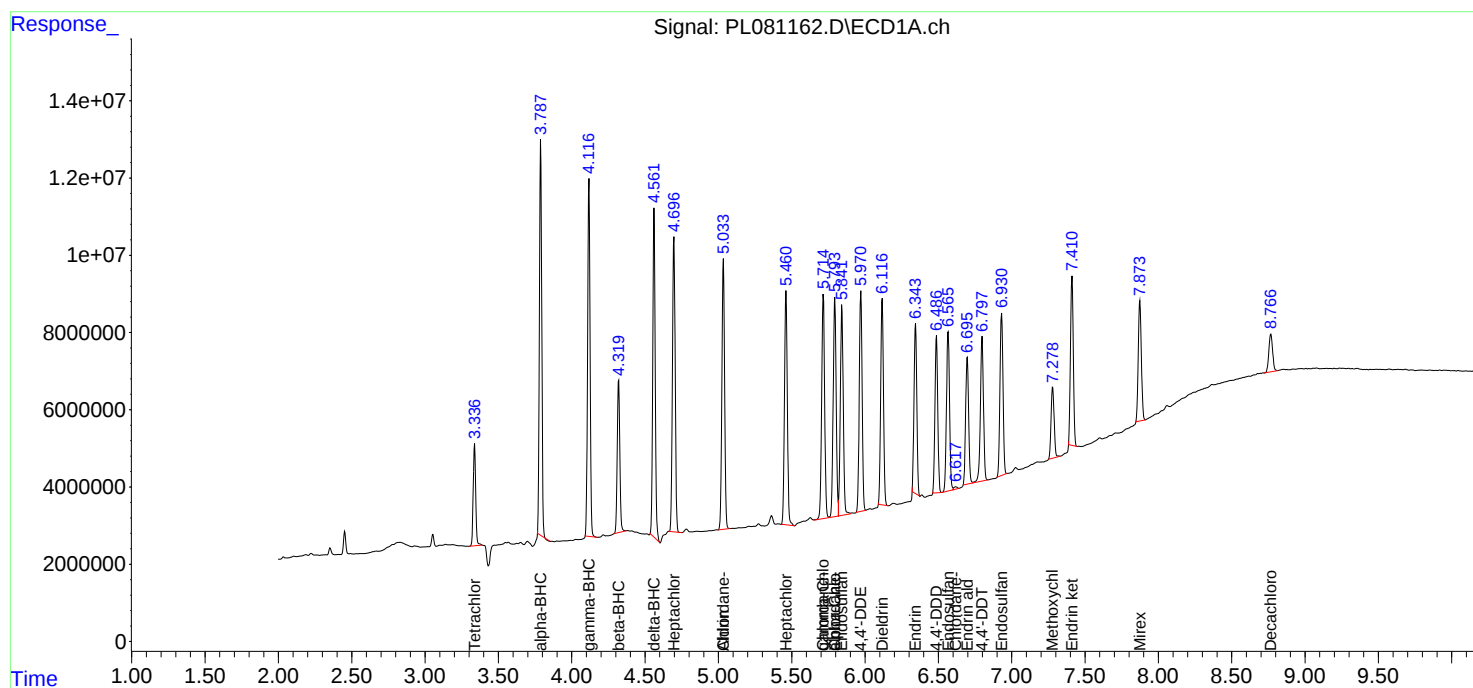
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

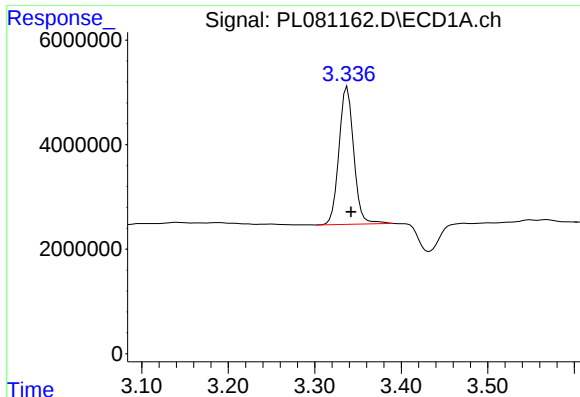
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
Data File : PL081162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2023 17:41
Operator : AR\AJ
Sample : 01671-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 21:57:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
Quant Title : GC Extractables
QLast Update : Tue Feb 28 15:14:21 2023
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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

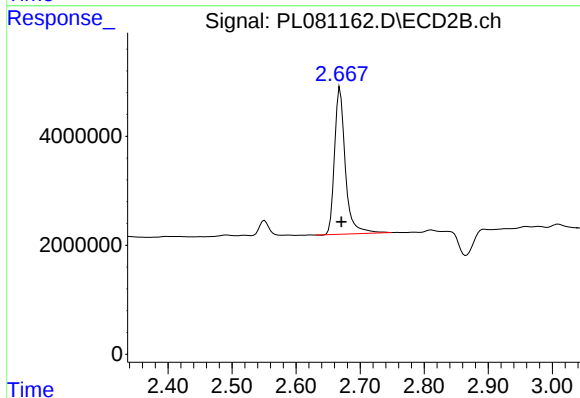




#1 Tetrachloro-m-xylene

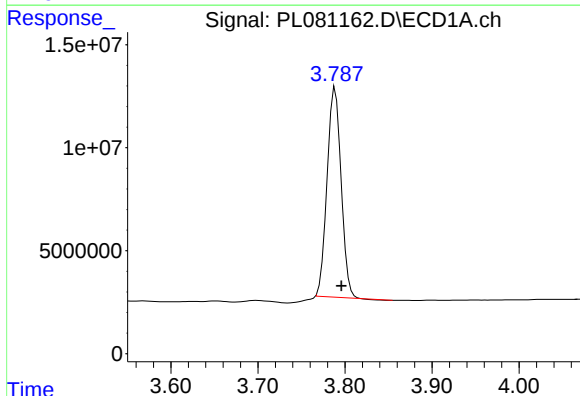
R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 30972913
Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



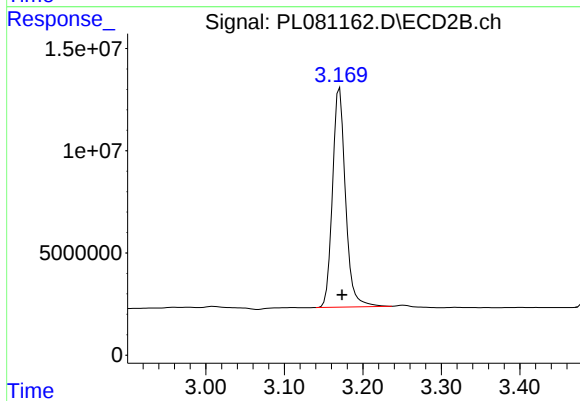
#1 Tetrachloro-m-xylene

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 31568472
Conc: 18.36 ng/ml



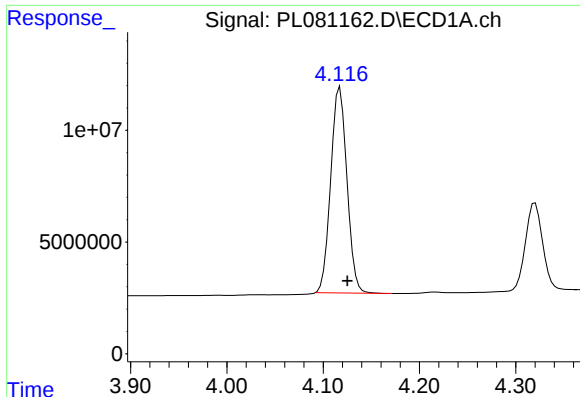
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: -0.007 min
Response: 113647906
Conc: 56.50 ng/ml



#2 alpha-BHC

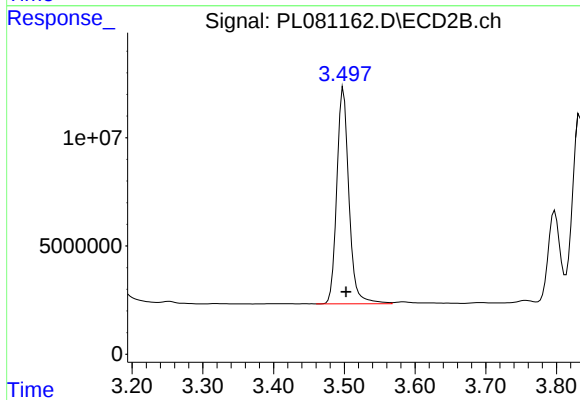
R.T.: 3.170 min
Delta R.T.: -0.003 min
Response: 123640496
Conc: 51.76 ng/ml



#3 gamma-BHC (Lindane)

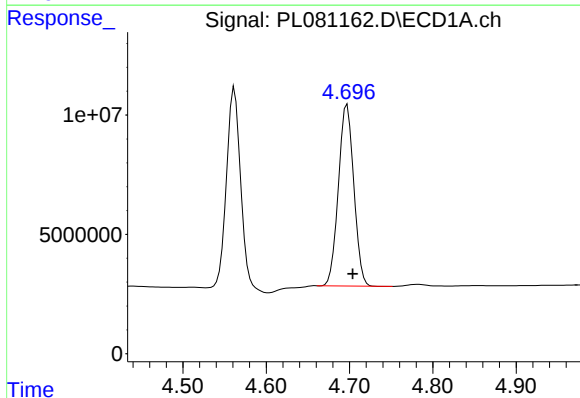
R.T.: 4.117 min
Delta R.T.: -0.008 min
Response: 108220861
Conc: 59.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



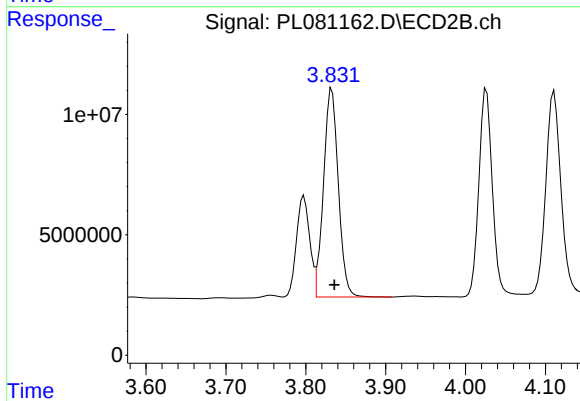
#3 gamma-BHC (Lindane)

R.T.: 3.499 min
Delta R.T.: -0.004 min
Response: 118782720
Conc: 53.75 ng/ml



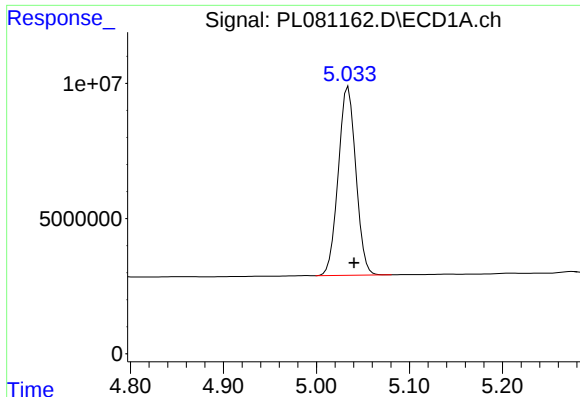
#4 Heptachlor

R.T.: 4.697 min
Delta R.T.: -0.007 min
Response: 97725599
Conc: 60.13 ng/ml



#4 Heptachlor

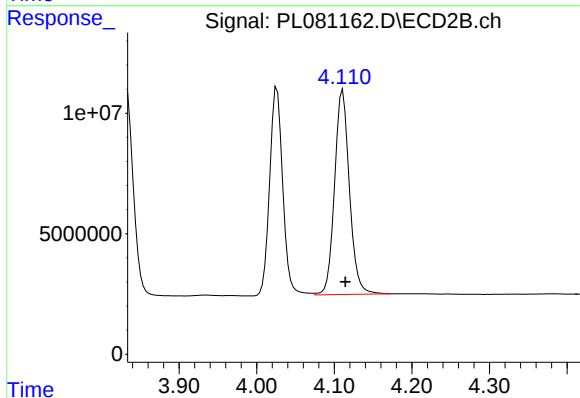
R.T.: 3.833 min
Delta R.T.: -0.003 min
Response: 111306431
Conc: 55.02 ng/ml



#5 Aldrin

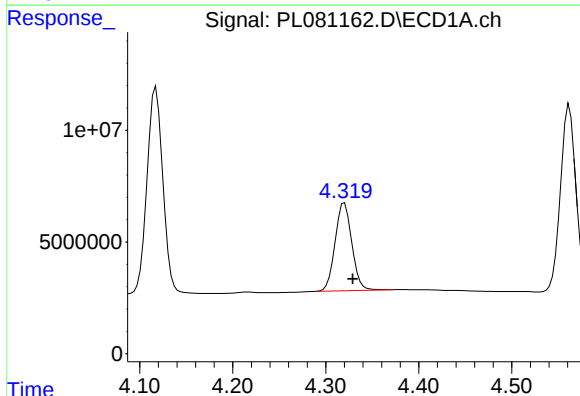
R.T.: 5.034 min
Delta R.T.: -0.006 min
Response: 91690606
Conc: 61.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



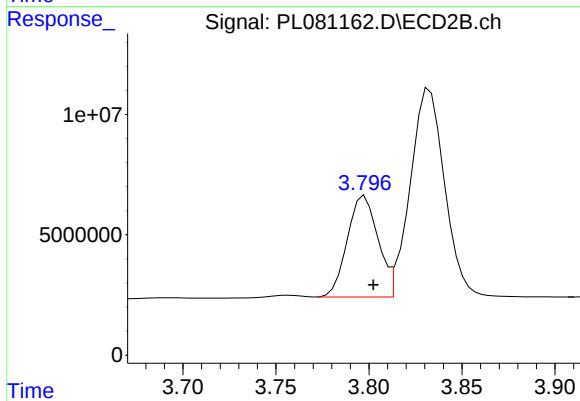
#5 Aldrin

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 113151141
Conc: 55.64 ng/ml



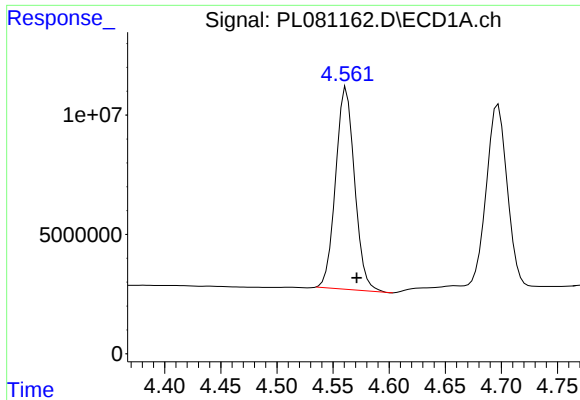
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: -0.009 min
Response: 49128053
Conc: 59.40 ng/ml



#6 beta-BHC

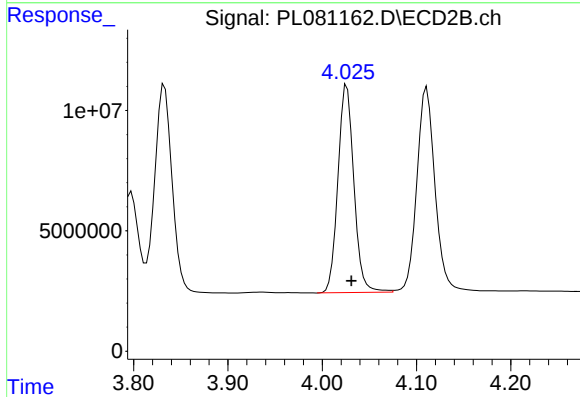
R.T.: 3.798 min
Delta R.T.: -0.005 min
Response: 48192995
Conc: 54.19 ng/ml



#7 delta-BHC

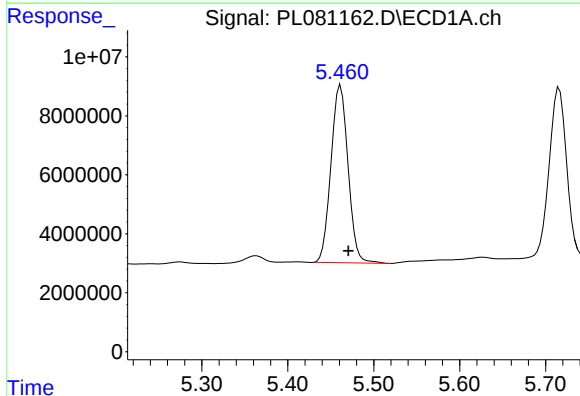
R.T.: 4.562 min
Delta R.T.: -0.009 min
Response: 99755986
Conc: 59.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



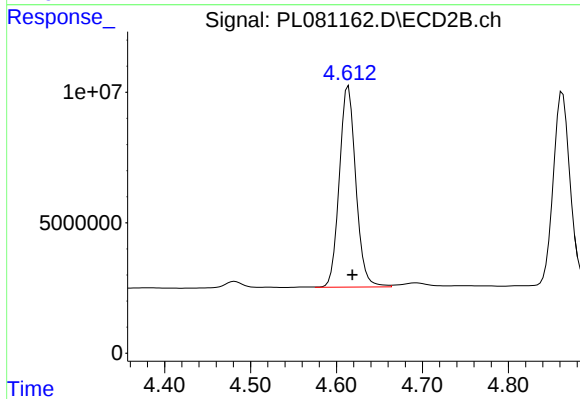
#7 delta-BHC

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 101573779
Conc: 53.12 ng/ml



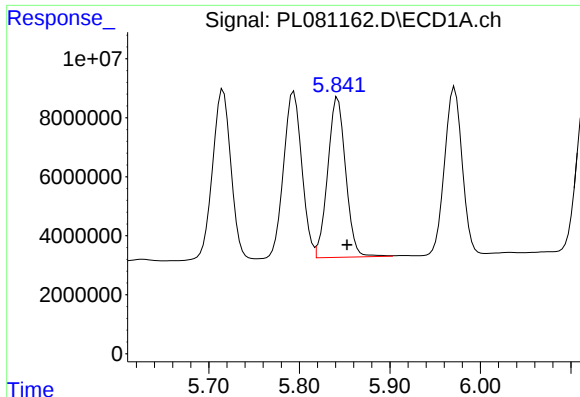
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: -0.009 min
Response: 82950335
Conc: 59.78 ng/ml



#8 Heptachlor epoxide

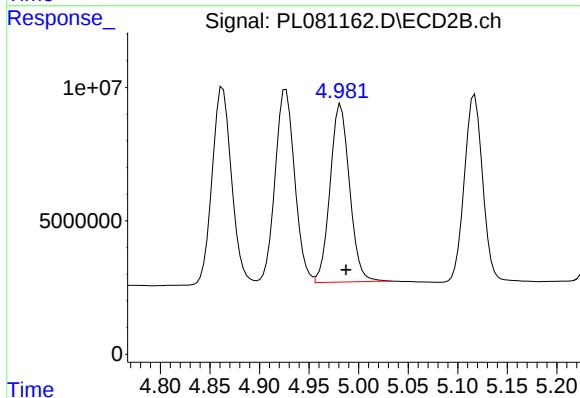
R.T.: 4.614 min
Delta R.T.: -0.005 min
Response: 102895142
Conc: 57.78 ng/ml



#9 Endosulfan I

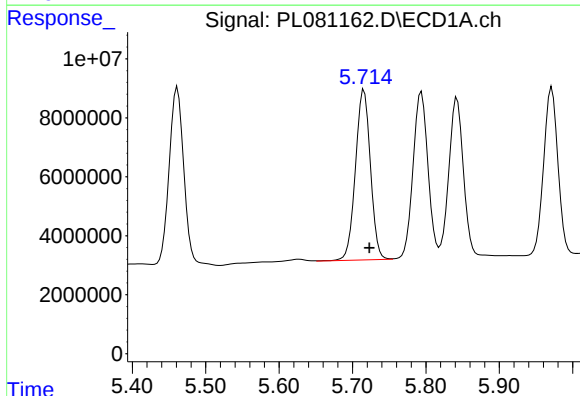
R.T.: 5.842 min
Delta R.T.: -0.010 min
Response: 74966069
Conc: 61.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



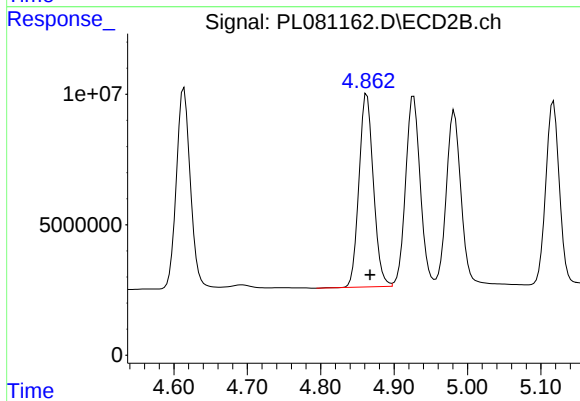
#9 Endosulfan I

R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 91265171
Conc: 58.12 ng/ml



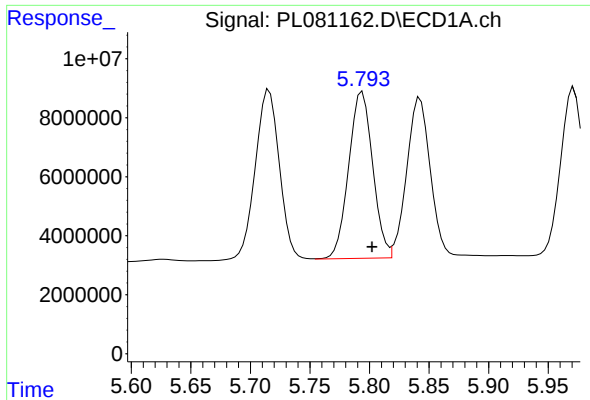
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 81659503
Conc: 61.91 ng/ml



#10 gamma-Chlordane

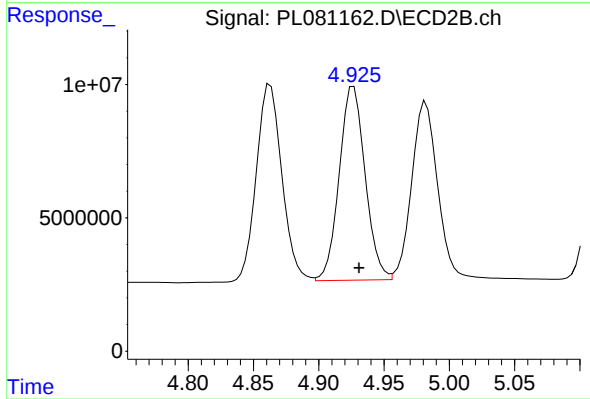
R.T.: 4.863 min
Delta R.T.: -0.005 min
Response: 100730907
Conc: 57.28 ng/ml



#11 alpha-Chlordane

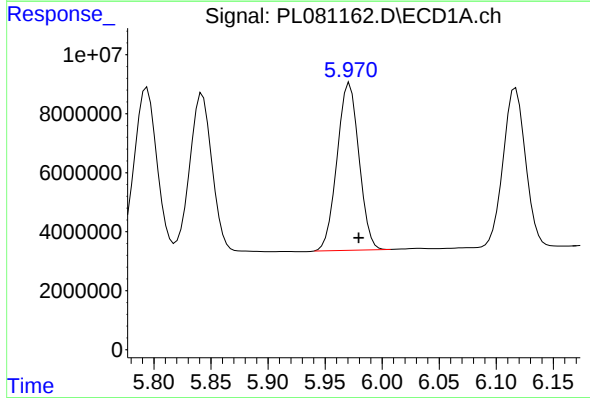
R.T.: 5.794 min
Delta R.T.: -0.008 min
Response: 79484916
Conc: 62.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



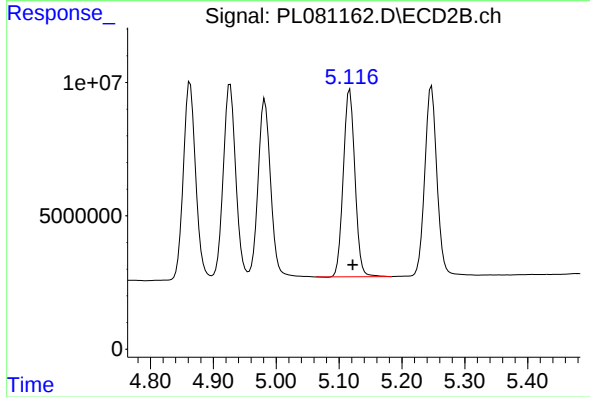
#11 alpha-Chlordane

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 100301872
Conc: 58.43 ng/ml



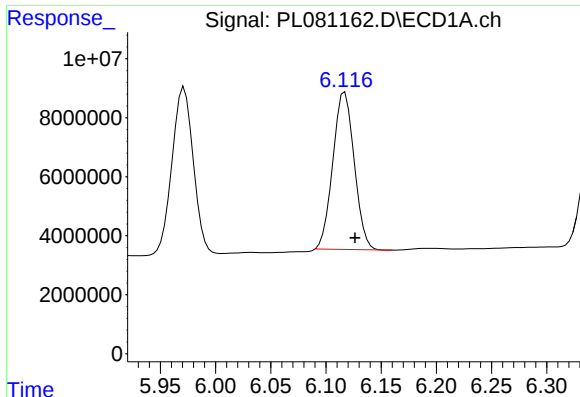
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: -0.008 min
Response: 75840895
Conc: 65.73 ng/ml



#12 4,4'-DDE

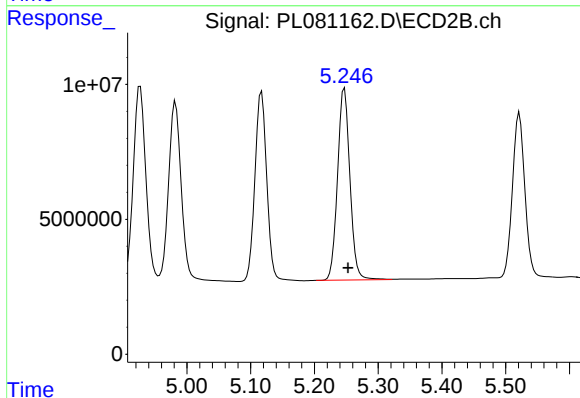
R.T.: 5.117 min
Delta R.T.: -0.004 min
Response: 90290471
Conc: 65.84 ng/ml



#13 Dieldrin

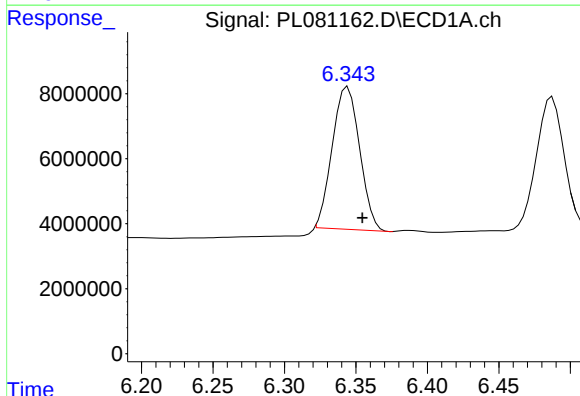
R.T.: 6.117 min
Delta R.T.: -0.009 min
Response: 71859845
Conc: 57.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



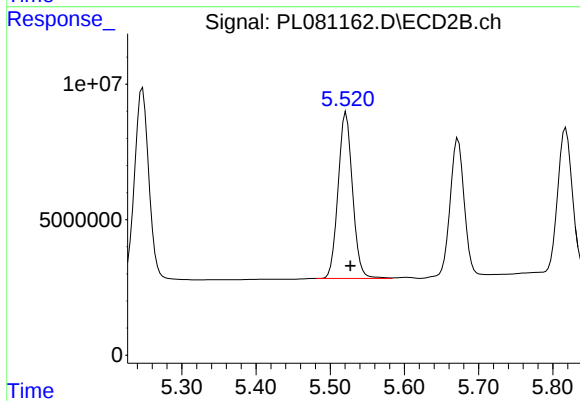
#13 Dieldrin

R.T.: 5.247 min
Delta R.T.: -0.006 min
Response: 95922670
Conc: 59.81 ng/ml



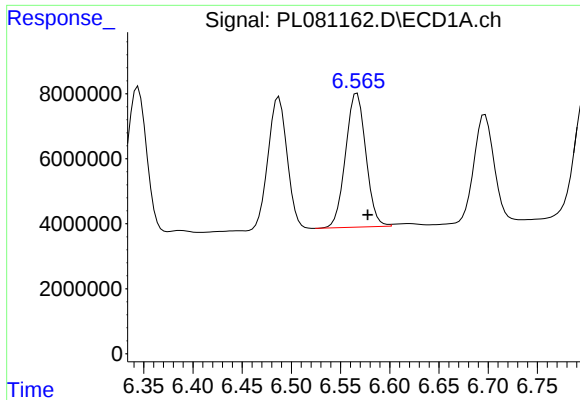
#14 Endrin

R.T.: 6.344 min
Delta R.T.: -0.010 min
Response: 58431751
Conc: 52.46 ng/ml



#14 Endrin

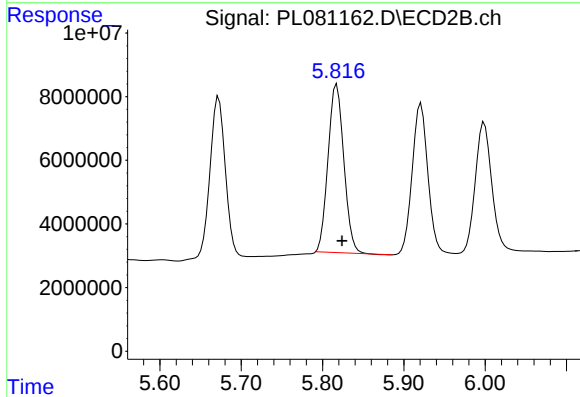
R.T.: 5.522 min
Delta R.T.: -0.006 min
Response: 82860420
Conc: 61.83 ng/ml



#15 Endosulfan II

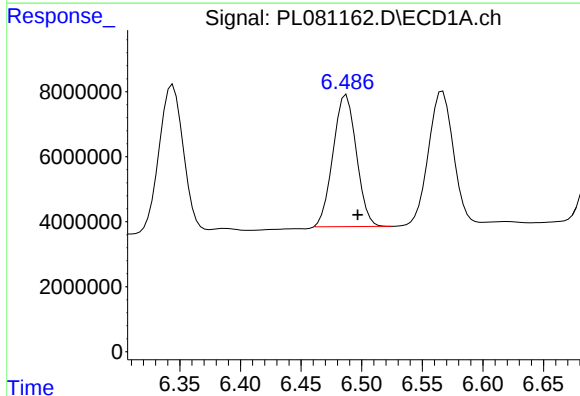
R.T.: 6.567 min
Delta R.T.: -0.011 min
Response: 59106411
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



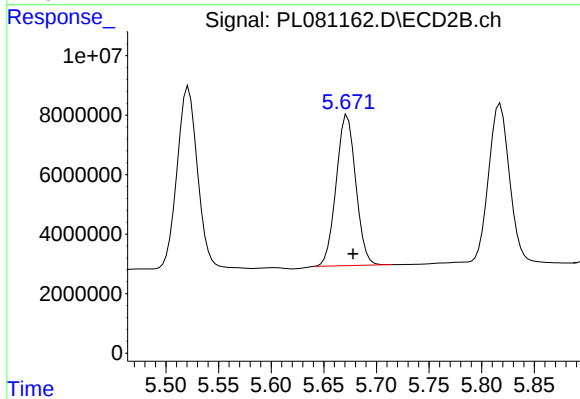
#15 Endosulfan II

R.T.: 5.818 min
Delta R.T.: -0.007 min
Response: 71618781
Conc: 61.98 ng/ml



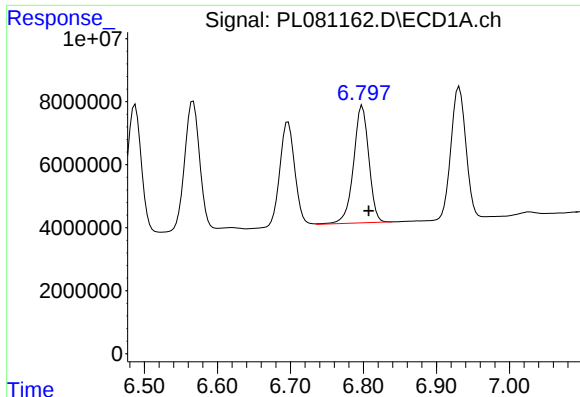
#16 4,4'-DDD

R.T.: 6.487 min
Delta R.T.: -0.009 min
Response: 54267536
Conc: 56.69 ng/ml



#16 4,4'-DDD

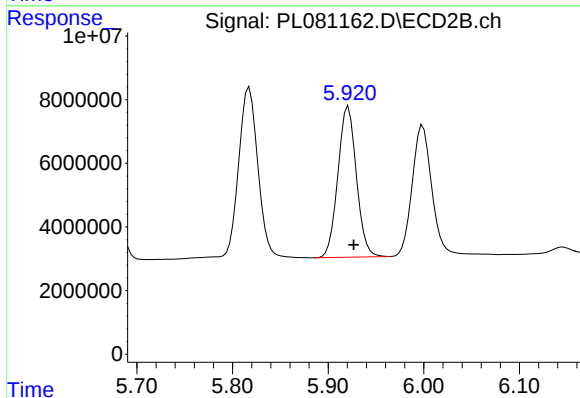
R.T.: 5.672 min
Delta R.T.: -0.006 min
Response: 65584795
Conc: 60.49 ng/ml



#17 4,4'-DDT

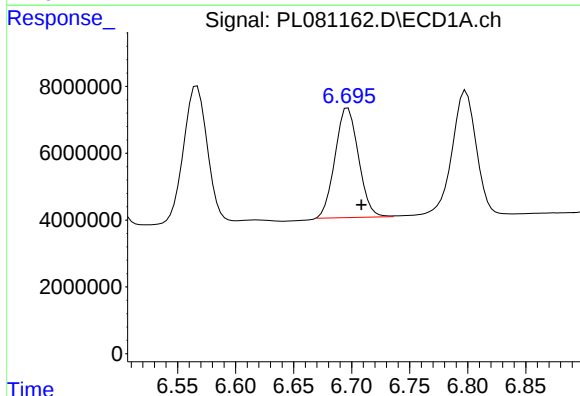
R.T.: 6.798 min
Delta R.T.: -0.009 min
Response: 54113890
Conc: 60.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



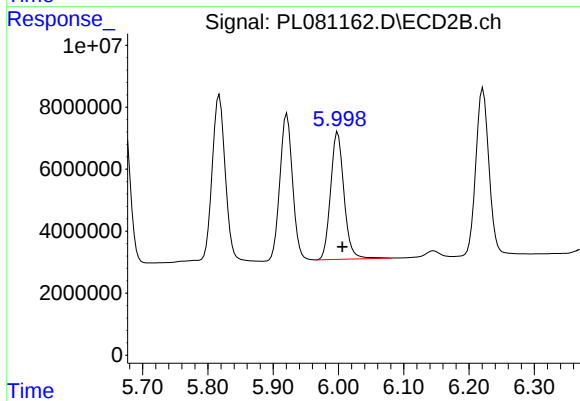
#17 4,4'-DDT

R.T.: 5.921 min
Delta R.T.: -0.006 min
Response: 63812369
Conc: 66.39 ng/ml



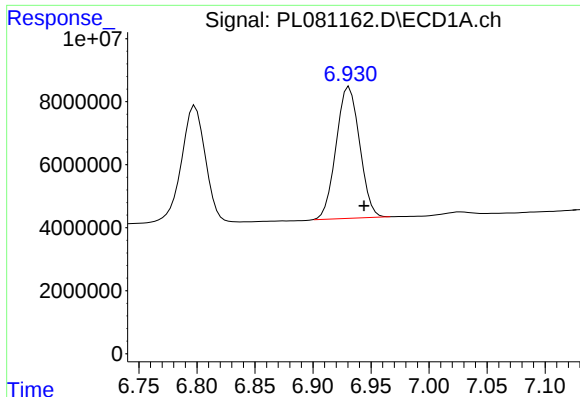
#18 Endrin aldehyde

R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 46134900
Conc: 55.08 ng/ml



#18 Endrin aldehyde

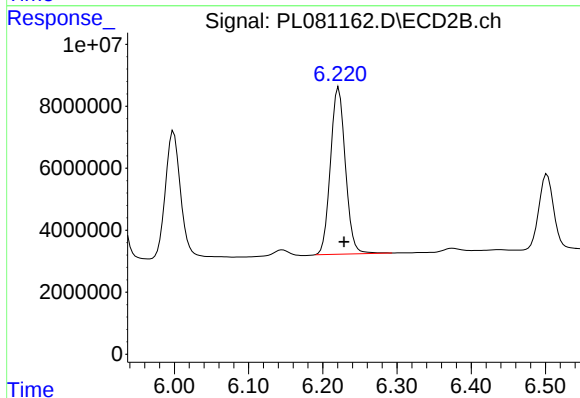
R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 58711888
Conc: 59.80 ng/ml



#19 Endosulfan Sulfate

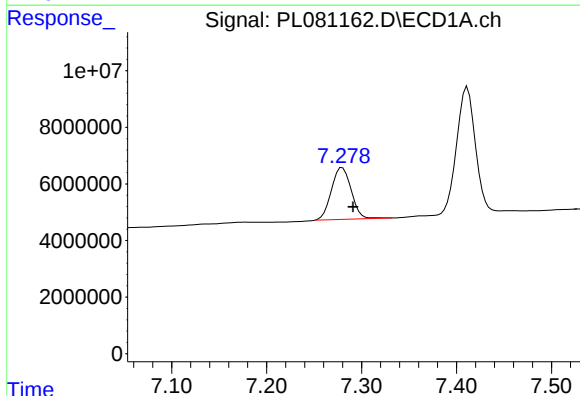
R.T.: 6.931 min
Delta R.T.: -0.013 min
Response: 58806103
Conc: 56.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



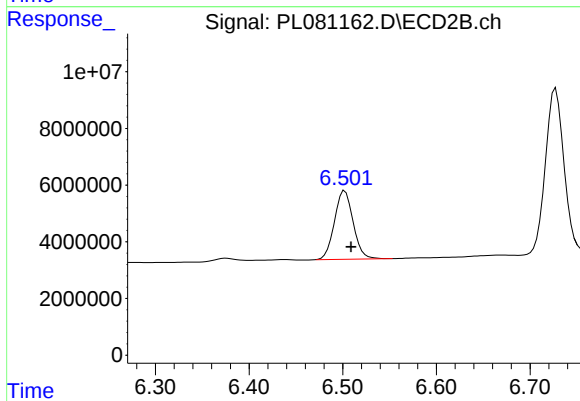
#19 Endosulfan Sulfate

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 75182386
Conc: 60.79 ng/ml



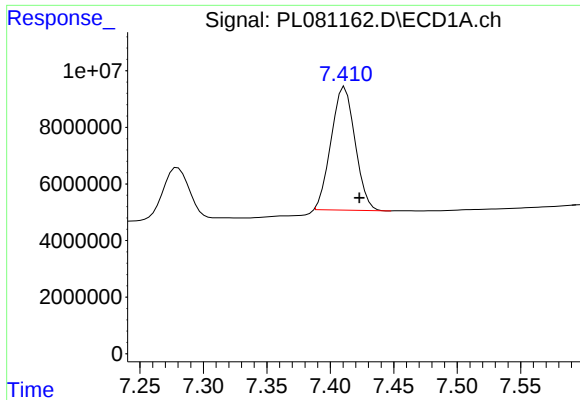
#20 Methoxychlor

R.T.: 7.280 min
Delta R.T.: -0.011 min
Response: 26521912
Conc: 57.10 ng/ml



#20 Methoxychlor

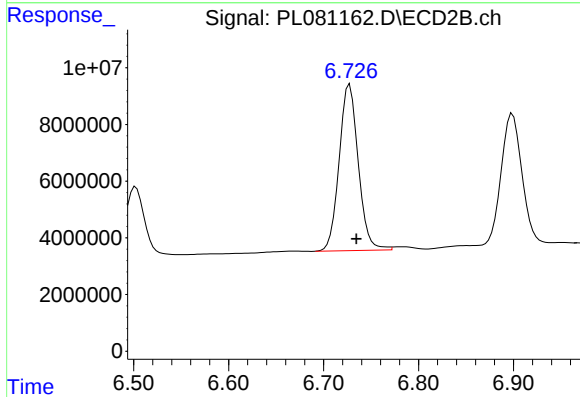
R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 33658123
Conc: 67.01 ng/ml



#21 Endrin ketone

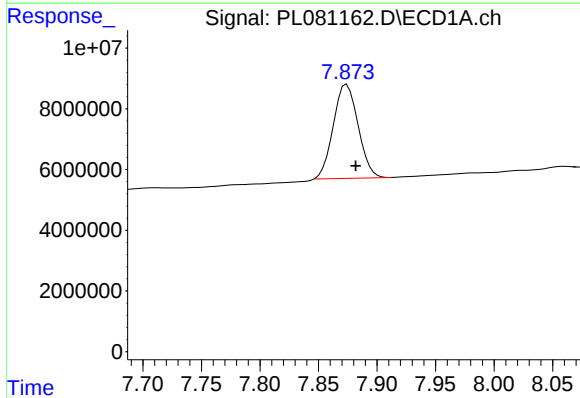
R.T.: 7.411 min
Delta R.T.: -0.012 min
Response: 57167569
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



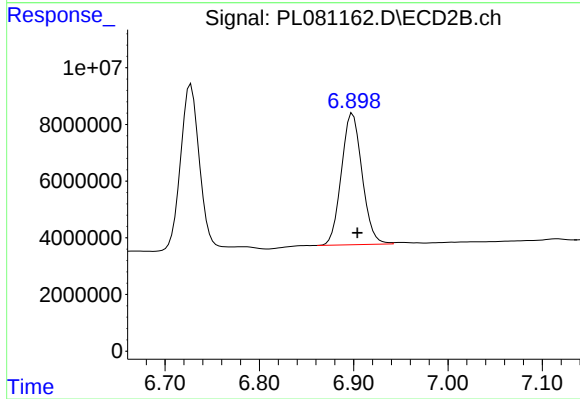
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: -0.007 min
Response: 82210701
Conc: 61.62 ng/ml



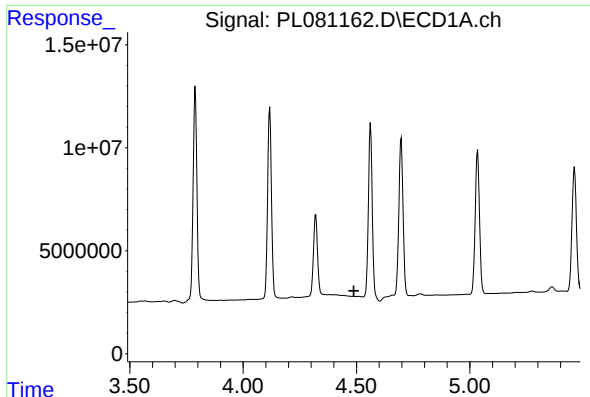
#22 Mirex

R.T.: 7.874 min
Delta R.T.: -0.008 min
Response: 45606558
Conc: 52.83 ng/ml



#22 Mirex

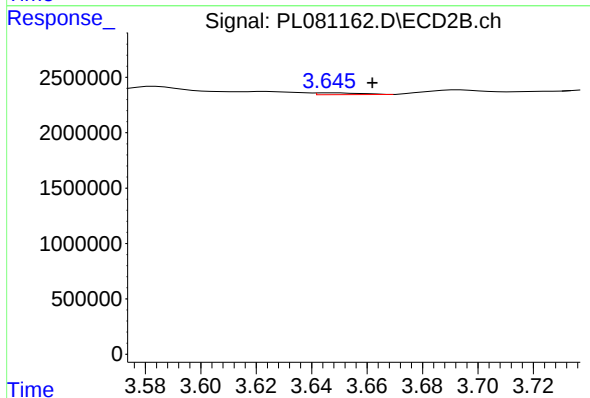
R.T.: 6.899 min
Delta R.T.: -0.005 min
Response: 70714143
Conc: 62.85 ng/ml



#23 Chlordane-1

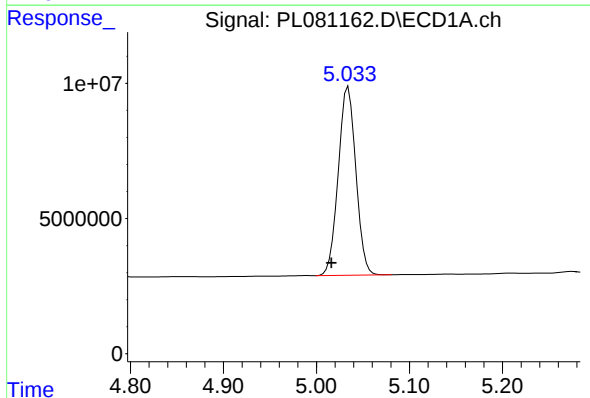
R.T.: 0.000 min
Exp R.T.: 4.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



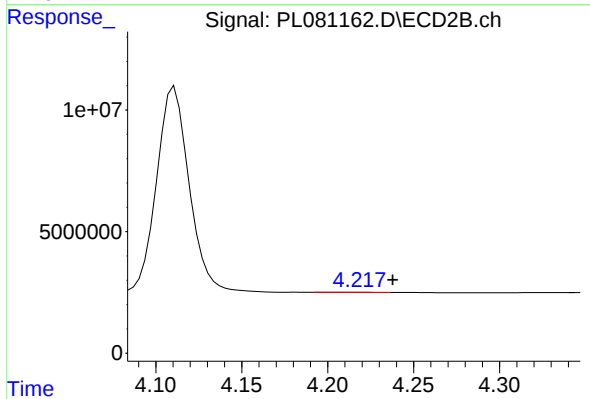
#23 Chlordane-1

R.T.: 3.647 min
Delta R.T.: -0.015 min
Response: 178517
Conc: 2.56 ng/ml



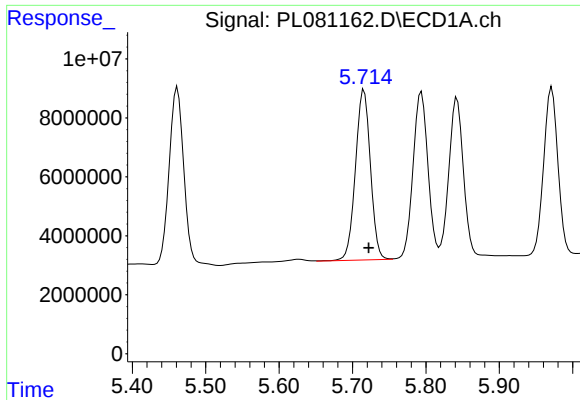
#24 Chlordane-2

R.T.: 5.034 min
Delta R.T.: 0.018 min
Response: 91690606
Conc: 1446.80 ng/ml



#24 Chlordane-2

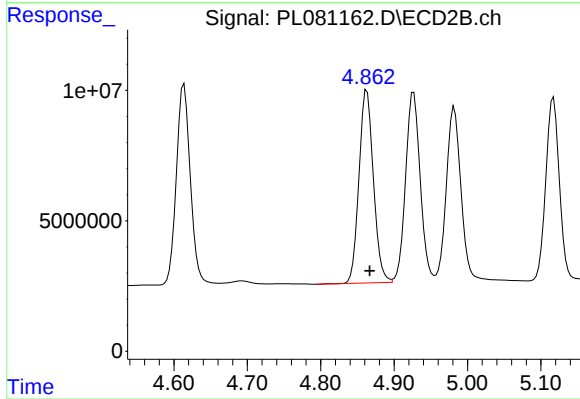
R.T.: 4.213 min
Delta R.T.: -0.025 min
Response: 115805
Conc: 1.42 ng/ml



#25 Chlordane-3

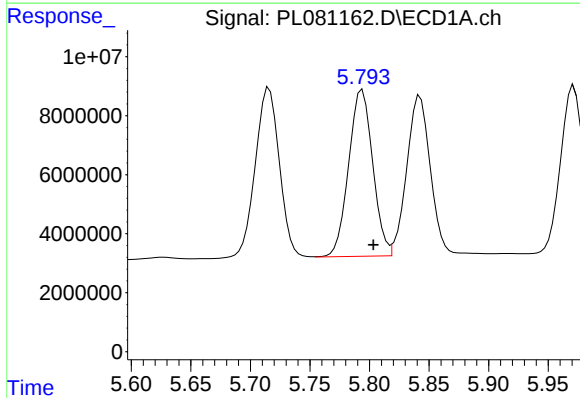
R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 81659503
Conc: 367.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



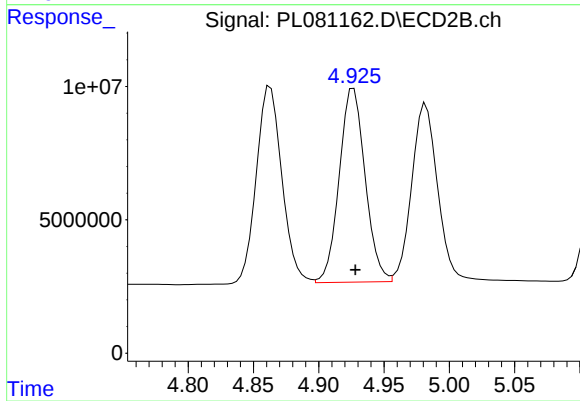
#25 Chlordane-3

R.T.: 4.863 min
Delta R.T.: -0.004 min
Response: 100730907
Conc: 478.29 ng/ml



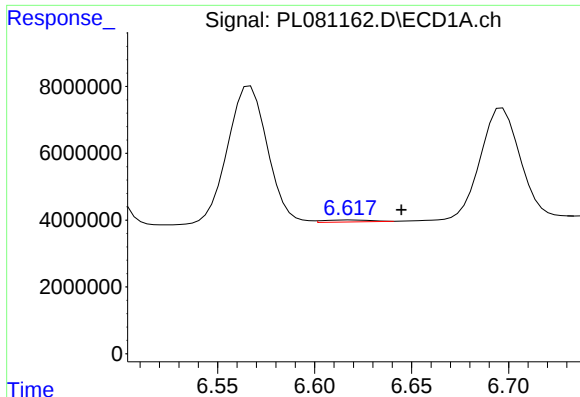
#26 Chlordane-4

R.T.: 5.794 min
Delta R.T.: -0.009 min
Response: 79484916
Conc: 298.19 ng/ml



#26 Chlordane-4

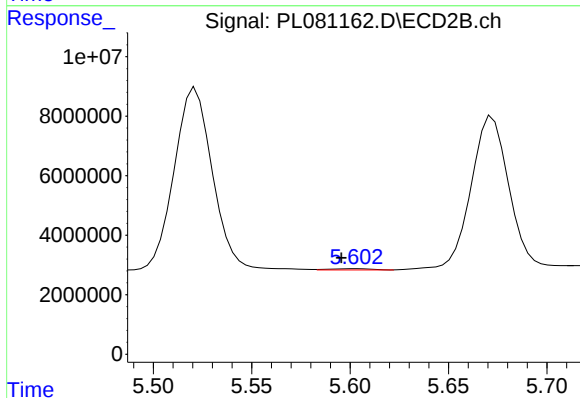
R.T.: 4.927 min
Delta R.T.: -0.001 min
Response: 100301872
Conc: 456.63 ng/ml



#27 Chlordane-5

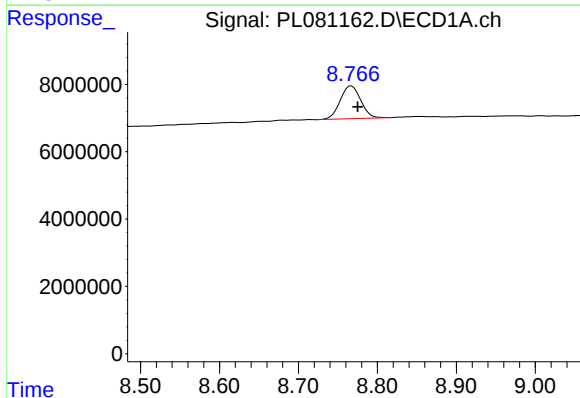
R.T.: 6.619 min
Delta R.T.: -0.026 min
Response: 981751
Conc: 21.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



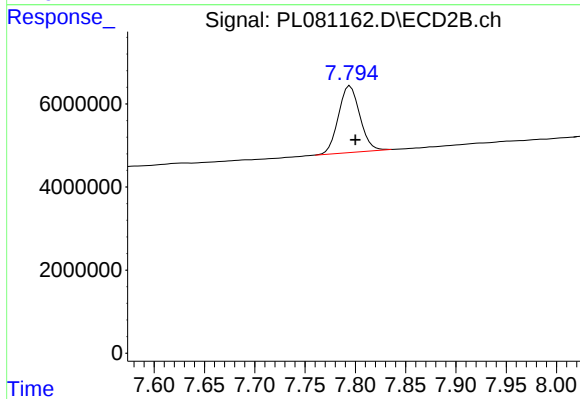
#27 Chlordane-5

R.T.: 5.603 min
Delta R.T.: 0.007 min
Response: 570168
Conc: 11.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.008 min
Response: 17570586
Conc: 18.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 23670511
Conc: 21.26 ng/ml