

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
 Data File : PL085953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 16:51
 Operator : AR\AJ
 Sample : 04882-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 22:17:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	55398110	17524594	18.626	18.761
2)	SA Decachlor...	8.860	7.769	14064372	29739691	6.457	32.221 #
Target Compounds							
2)	A alpha-BHC	3.810	3.120	213.3E6	60292616	49.698	47.922
3)	MA gamma-BHC...	4.142	3.448	242.0E6	63026053	58.544	51.102
4)	MA Heptachlor	4.729	3.784	201.8E6	61715391	52.175	53.063
5)	MB Aldrin	5.069	4.061	202.3E6	60814271	52.178	54.383
6)	B beta-BHC	4.344	3.750	85409956	26494379	51.650	50.893
7)	B delta-BHC	4.588	3.975	210.9E6	58937468	54.991	51.296
8)	B Heptachlo...	5.499	4.567	182.0E6	61173952	52.743	60.906
9)	A Endosulfan I	5.883	4.934	161.6E6	57271353	49.961	53.388
10)	B gamma-Chl...	5.757	4.818	284.1E6	85584234	83.043	86.415
11)	B alpha-Chl...	5.837	4.882	349.7E6	96787780	102.329	88.737
12)	B 4,4'-DDE	6.020	5.081	160.9E6	54996344	57.521	66.976
13)	MA Dieldrin	6.160	5.200	222.6E6	78088416	67.752	80.485
14)	MA Endrin	6.389	5.474	133.5E6	51724937	46.856	57.536
15)	B Endosulfa...	6.611	5.772	140.5E6	58279801	51.002	61.286
16)	A 4,4'-DDD	6.538	5.638	124.8E6	40814970	61.939	58.638
17)	MA 4,4'-DDT	6.853	5.888	172.1E6	64468372	73.000	81.528
18)	B Endrin al...	6.742	5.953	108.3E6	40744549	53.433	54.639
19)	B Endosulfa...	6.978	6.178	126.8E6	46861258	50.508	51.946
20)	A Methoxychlor	7.339	6.474	56847678	29767344	40.704	56.584 #
21)	B Endrin ke...	7.460	6.680	136.6E6	55373982	47.419	48.176
22)	Mirex	7.934	6.857	127.6E6	54532548	57.627	57.818
23)	Chlordane-1	4.512	3.611	-4379468	1924219	N.D.	59.027
24)	Chlordane-2	5.069f	4.194	202.3E6	3343708	1555.326	85.926 #
25)	Chlordane-3	5.757	4.818	284.1E6	85584234	556.889	846.969 #
26)	Chlordane-4	5.837	4.882	349.7E6	96787780	551.235	835.933 #
27)	Chlordane-5	6.687	5.551	23763264	7630936	231.636	273.791

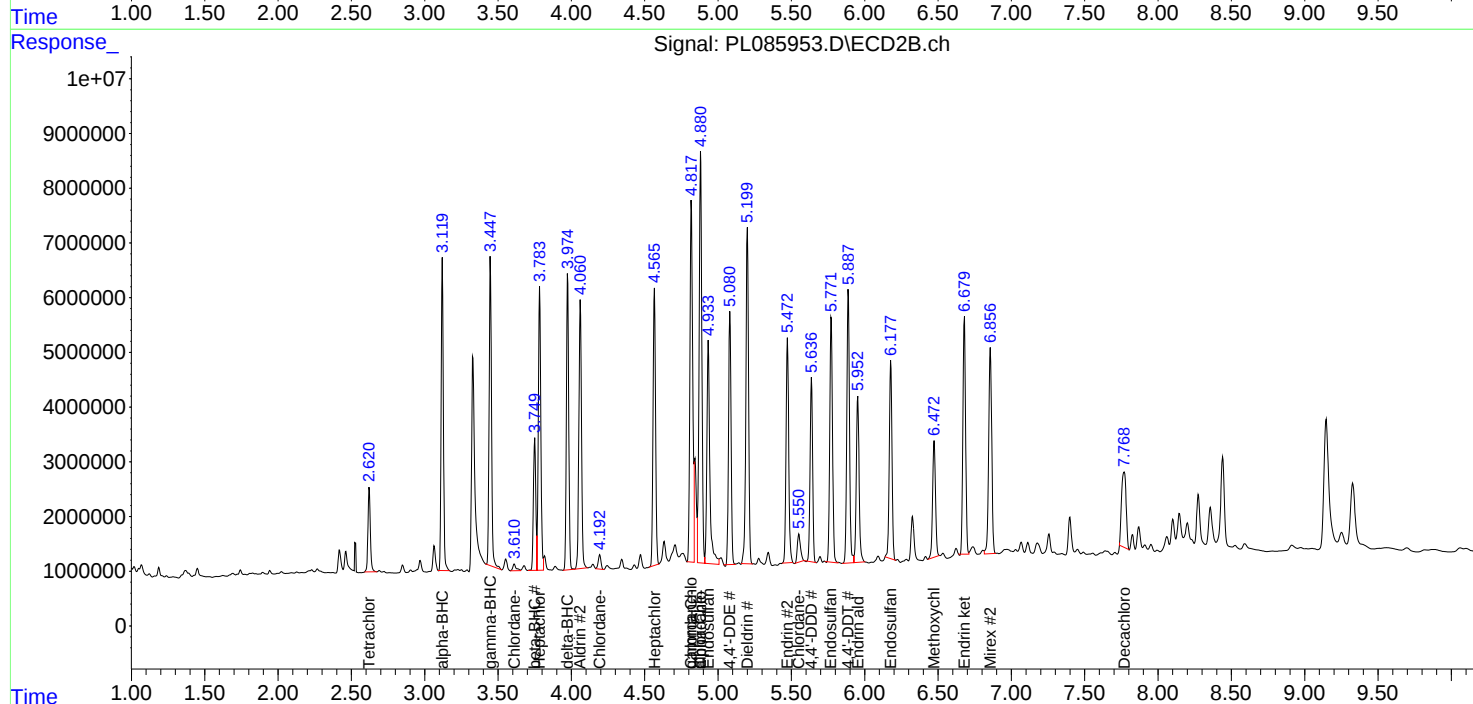
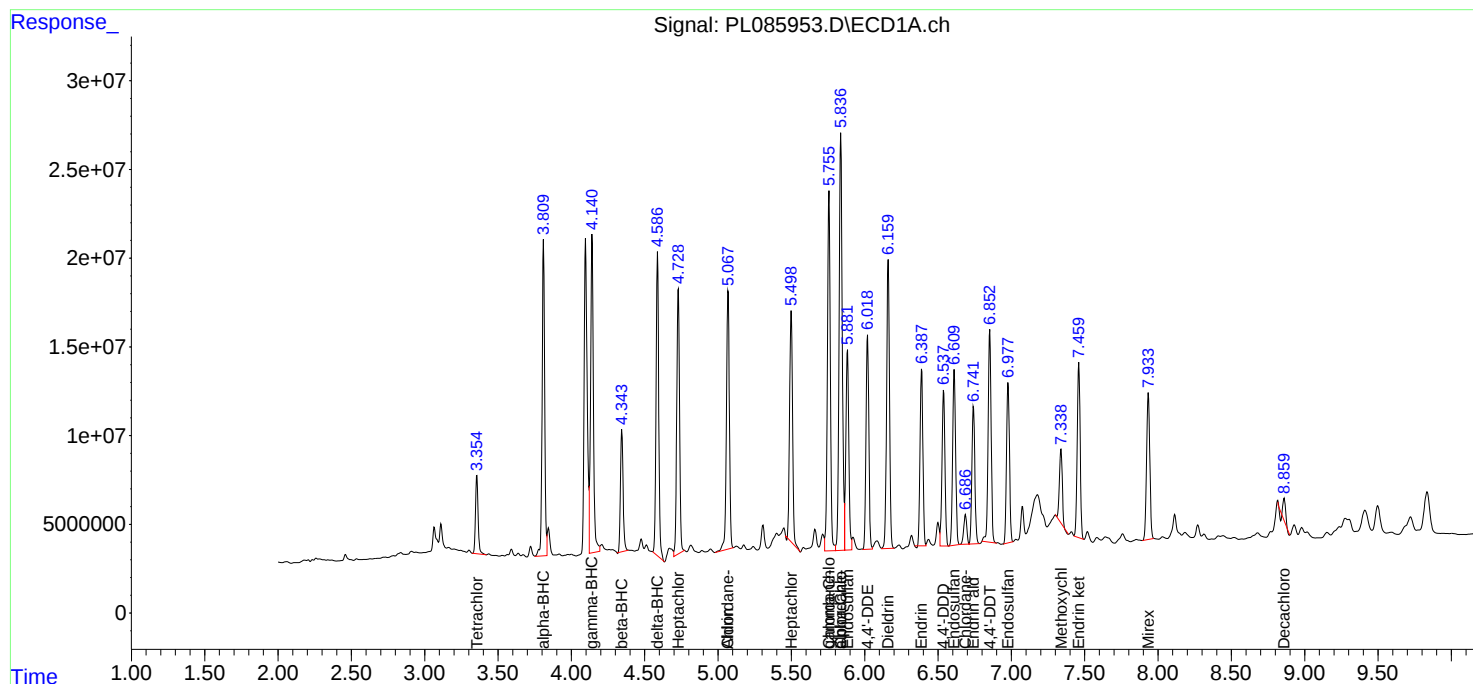
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

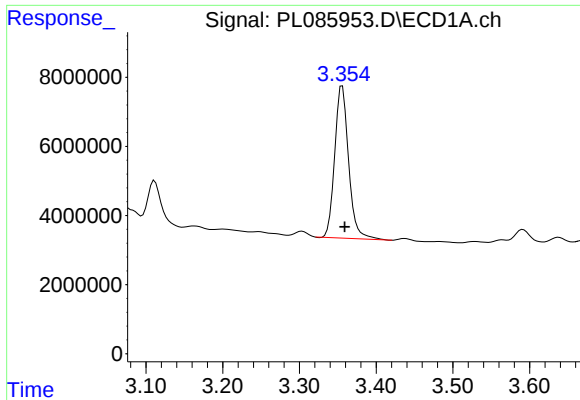
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

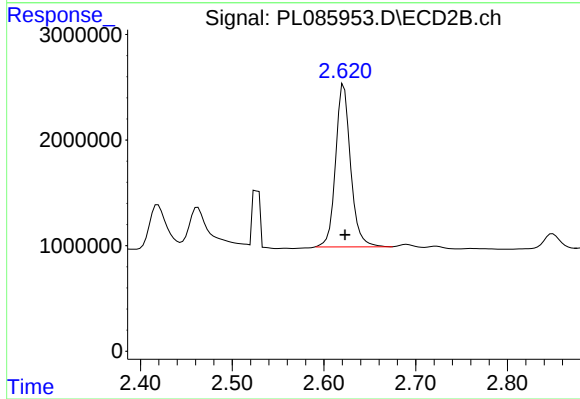




#1 Tetrachloro-m-xylene

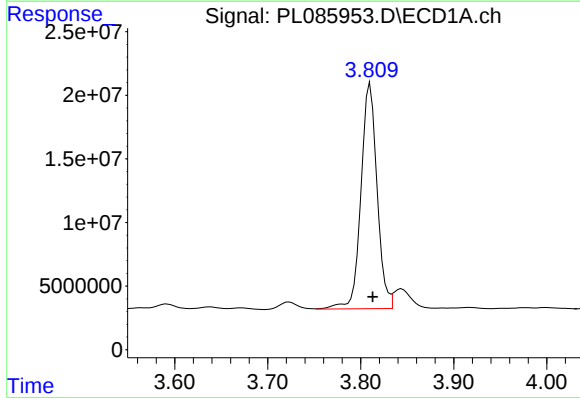
R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 55398110
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



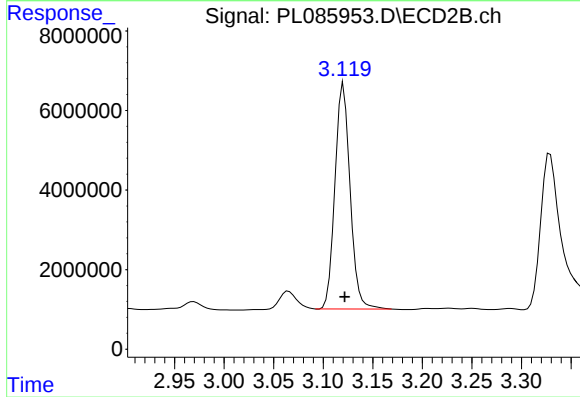
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 17524594
Conc: 18.76 ng/ml



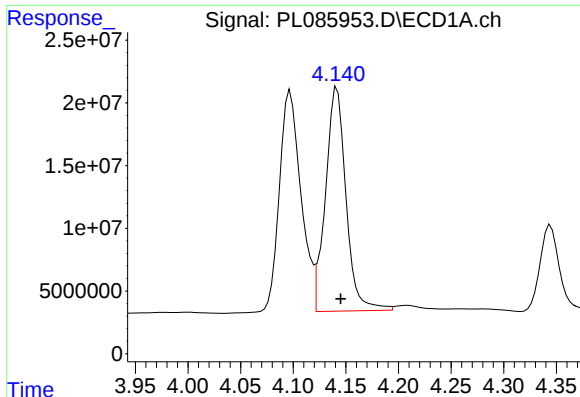
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 213300287
Conc: 49.70 ng/ml



#2 alpha-BHC

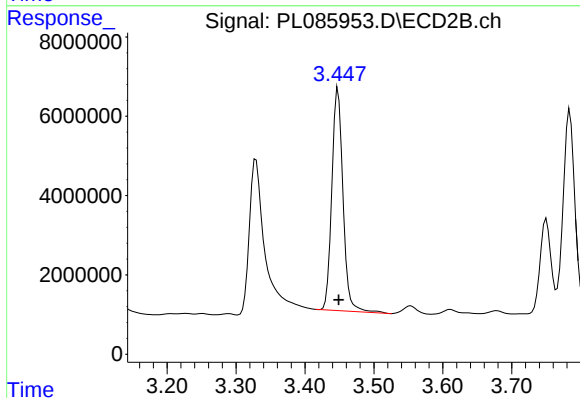
R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 60292616
Conc: 47.92 ng/ml



#3 gamma-BHC (Lindane)

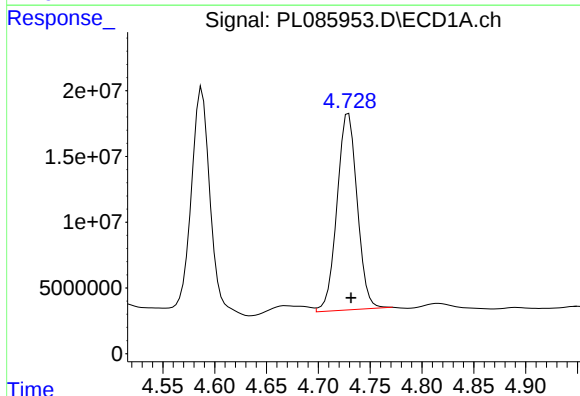
R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 241980254
Conc: 58.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



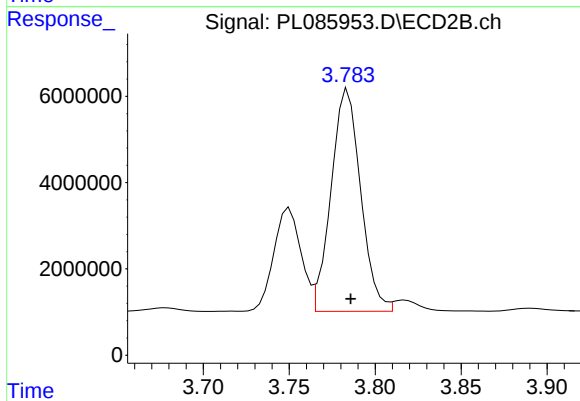
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 63026053
Conc: 51.10 ng/ml



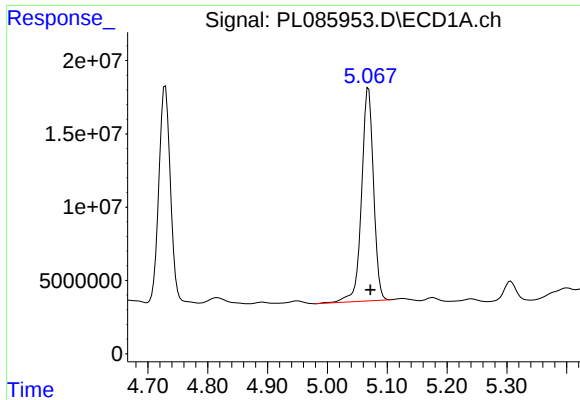
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 201791464
Conc: 52.17 ng/ml



#4 Heptachlor

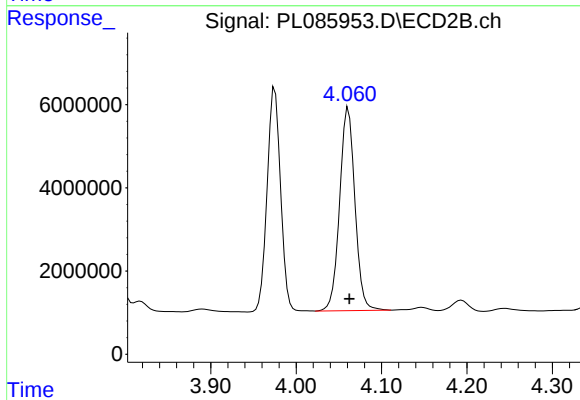
R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 61715391
Conc: 53.06 ng/ml



#5 Aldrin

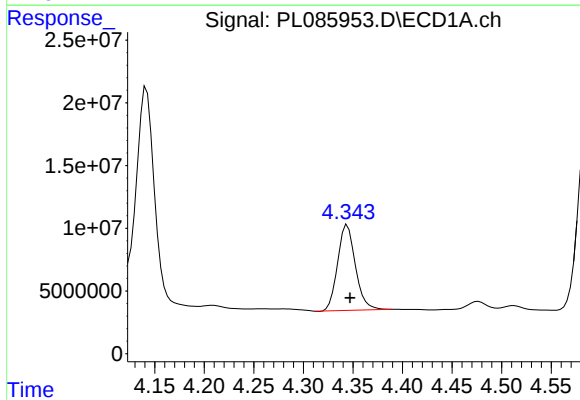
R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 202260658
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



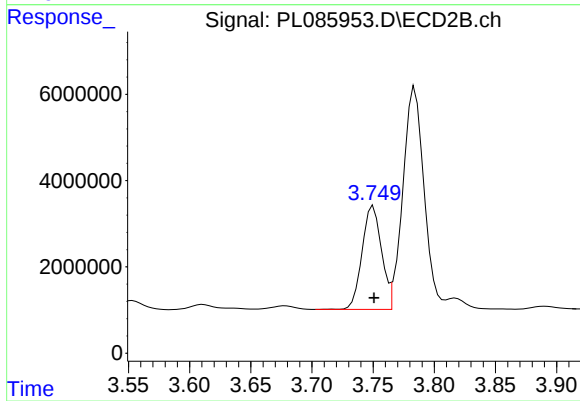
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 60814271
Conc: 54.38 ng/ml



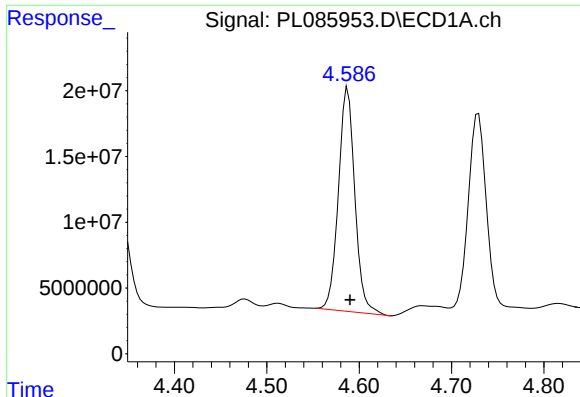
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 85409956
Conc: 51.65 ng/ml



#6 beta-BHC

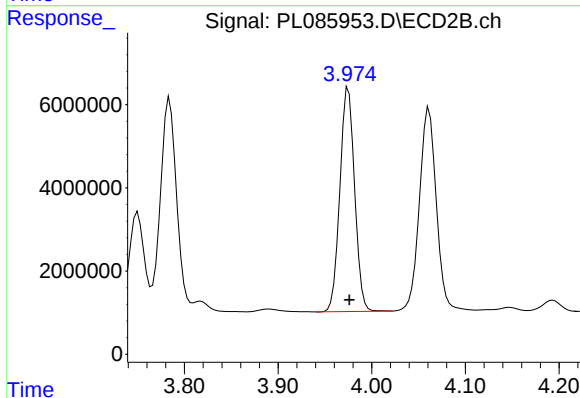
R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 26494379
Conc: 50.89 ng/ml



#7 delta-BHC

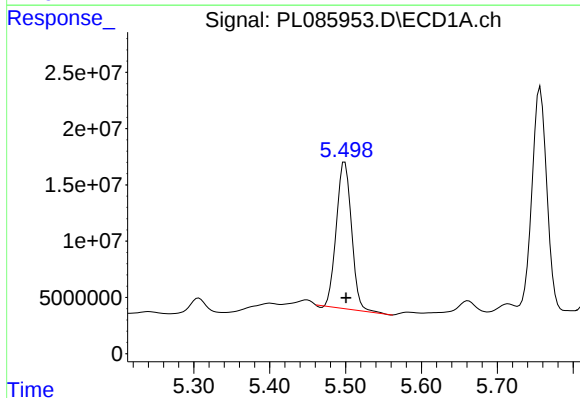
R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 210858756
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



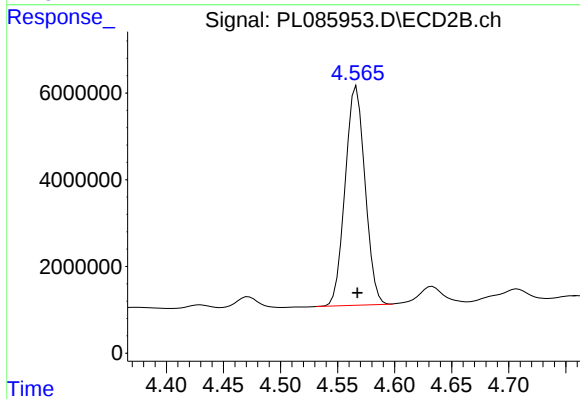
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 58937468
Conc: 51.30 ng/ml



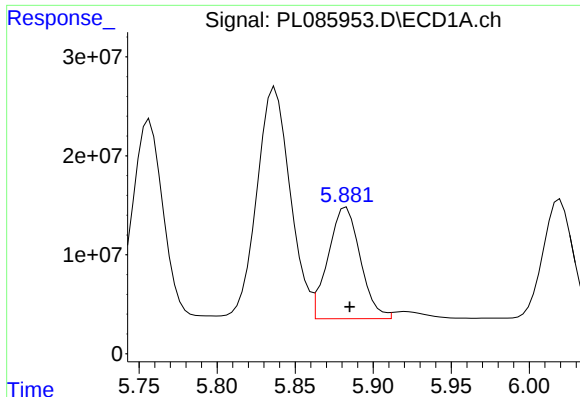
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 181954361
Conc: 52.74 ng/ml



#8 Heptachlor epoxide

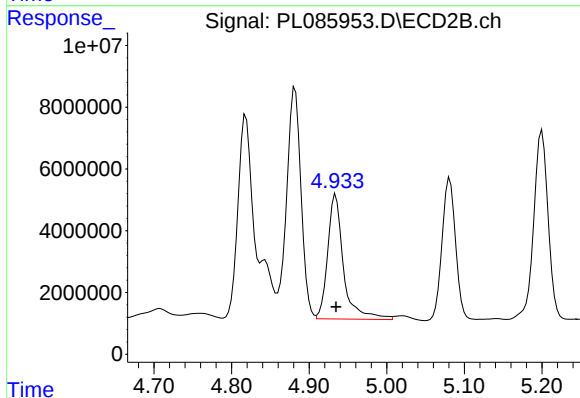
R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 61173952
Conc: 60.91 ng/ml



#9 Endosulfan I

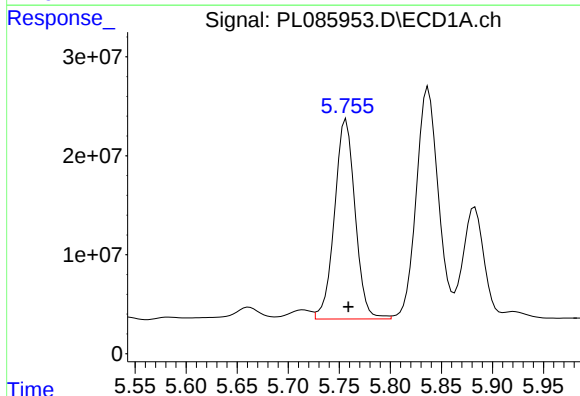
R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 161573895
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



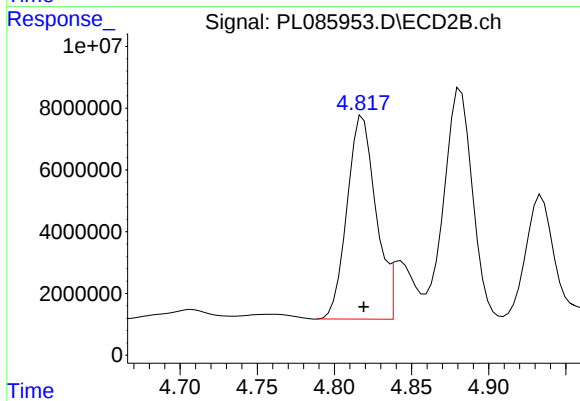
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 57271353
Conc: 53.39 ng/ml



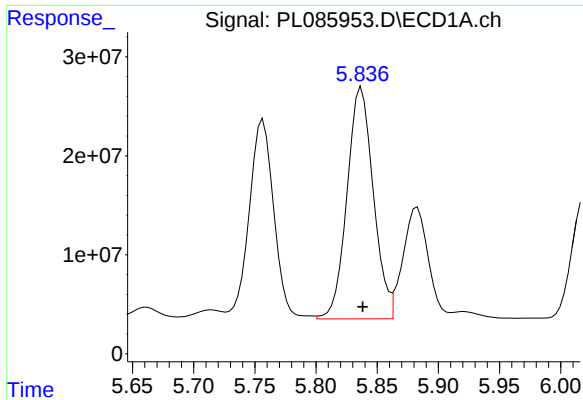
#10 gamma-Chlordane

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 284125247
Conc: 83.04 ng/ml



#10 gamma-Chlordane

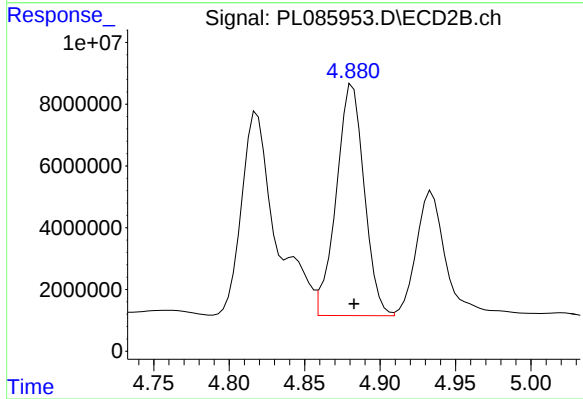
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 85584234
Conc: 86.42 ng/ml



#11 alpha-Chlordane

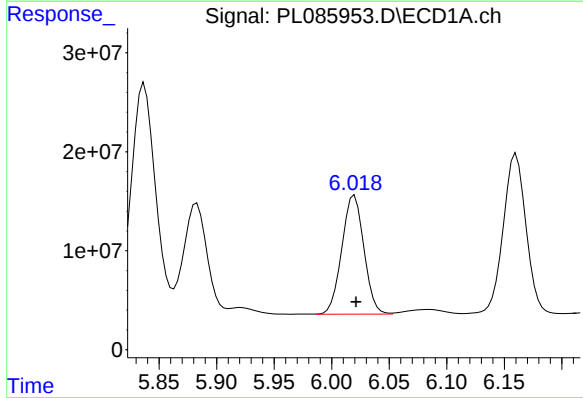
R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 349726038
Conc: 102.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



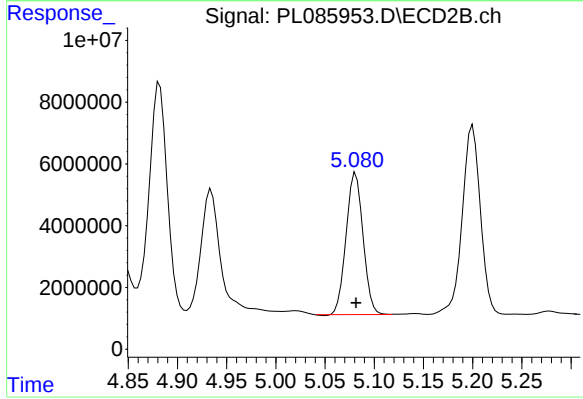
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 96787780
Conc: 88.74 ng/ml



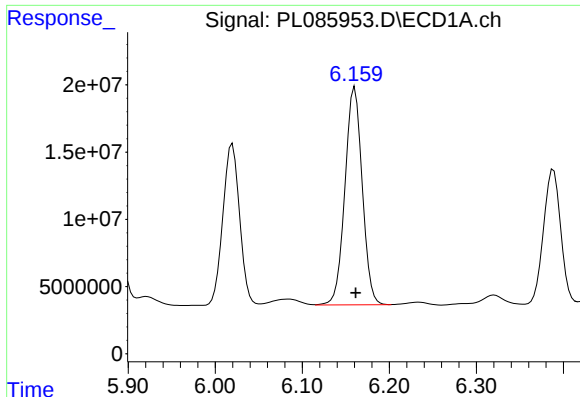
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: -0.001 min
Response: 160860839
Conc: 57.52 ng/ml



#12 4,4'-DDE

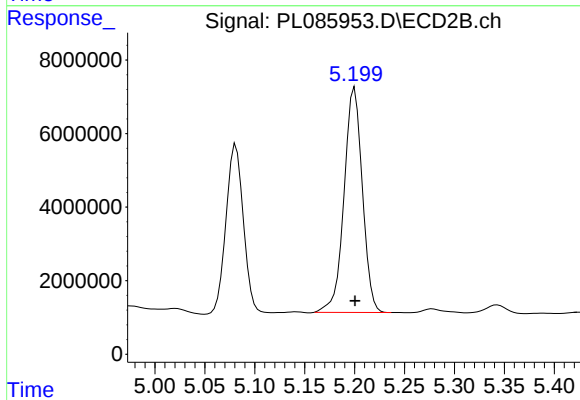
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 54996344
Conc: 66.98 ng/ml



#13 Dieldrin

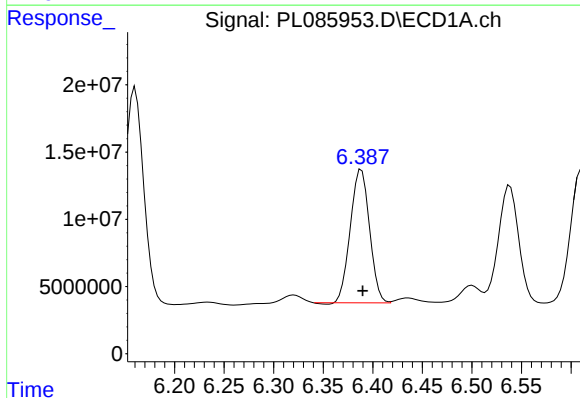
R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 222633274
Conc: 67.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



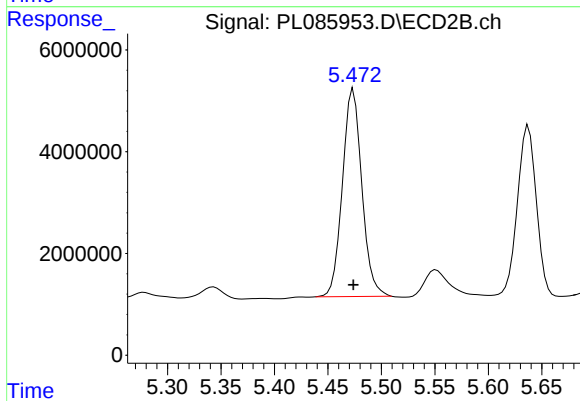
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 78088416
Conc: 80.49 ng/ml



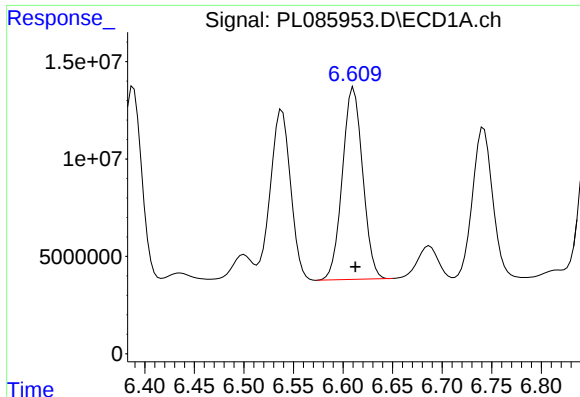
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 133528346
Conc: 46.86 ng/ml



#14 Endrin

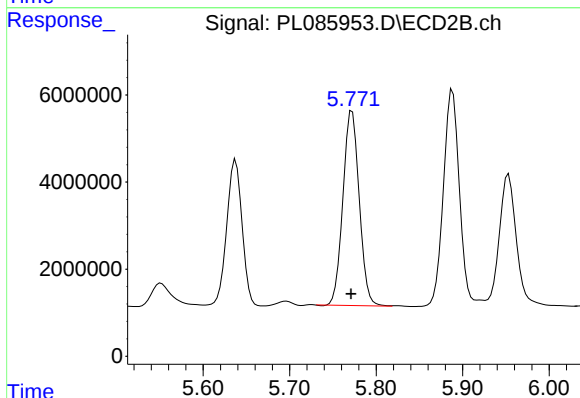
R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 51724937
Conc: 57.54 ng/ml



#15 Endosulfan II

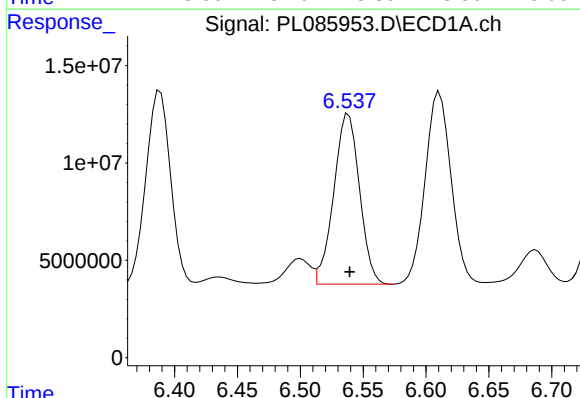
R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 140535121
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



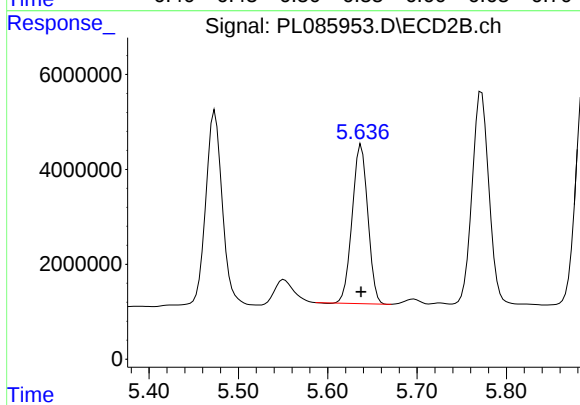
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 58279801
Conc: 61.29 ng/ml



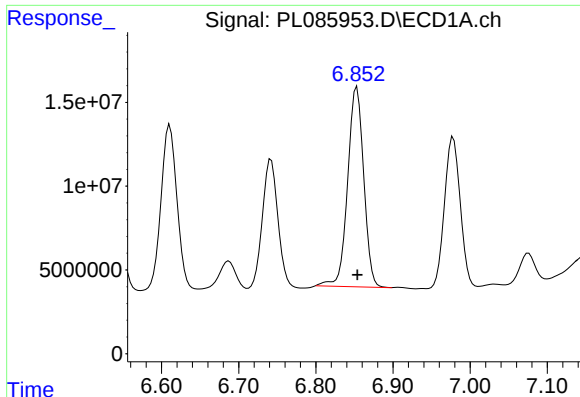
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 124786280
Conc: 61.94 ng/ml



#16 4,4'-DDD

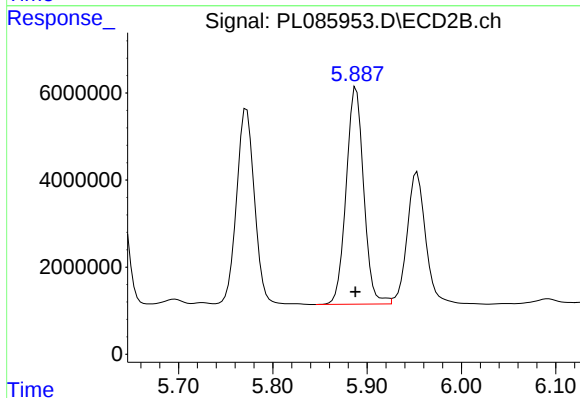
R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 40814970
Conc: 58.64 ng/ml



#17 4,4'-DDT

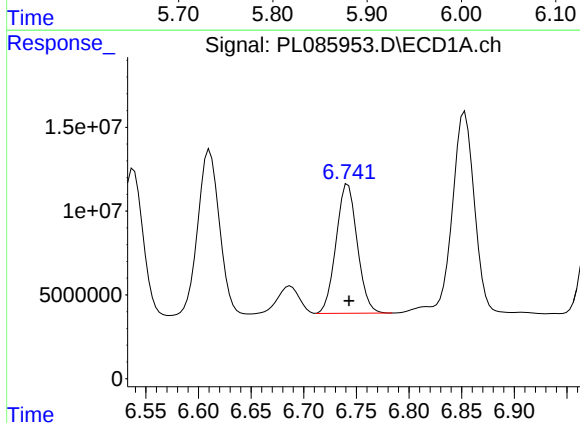
R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 172068592
Conc: 73.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



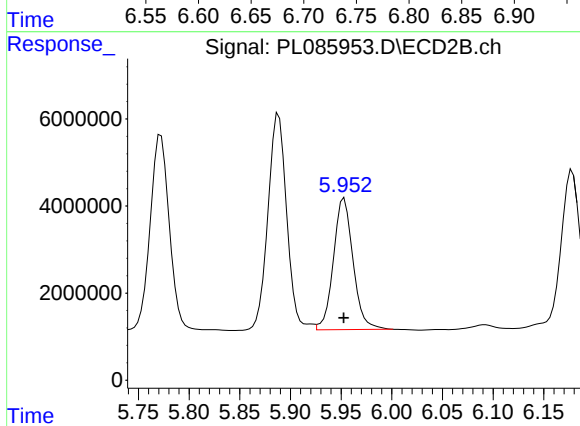
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 64468372
Conc: 81.53 ng/ml



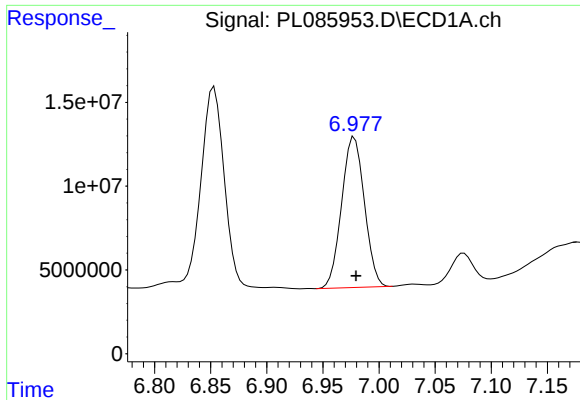
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 108297020
Conc: 53.43 ng/ml



#18 Endrin aldehyde

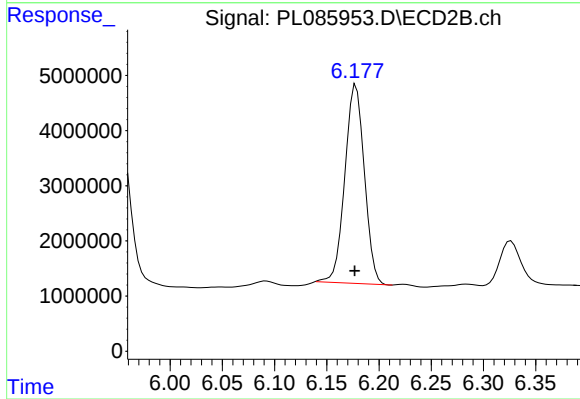
R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 40744549
Conc: 54.64 ng/ml



#19 Endosulfan Sulfate

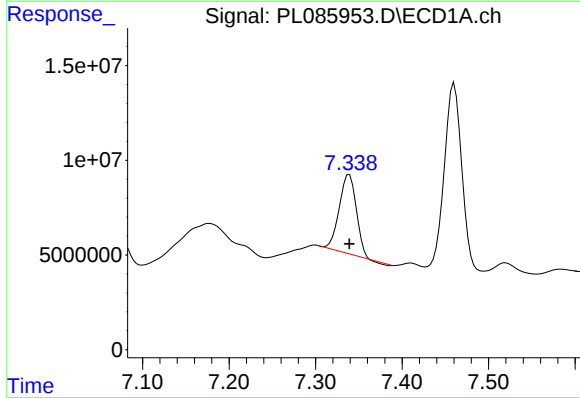
R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 126761995
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



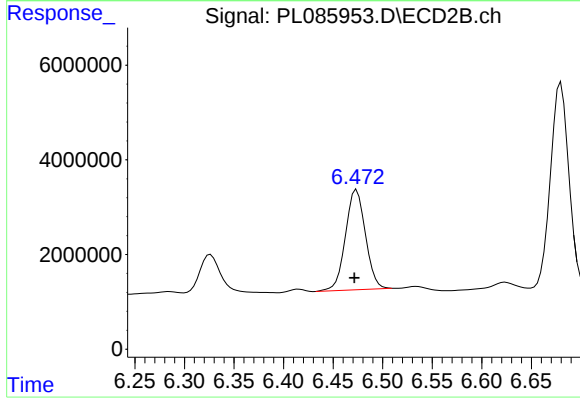
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 46861258
Conc: 51.95 ng/ml



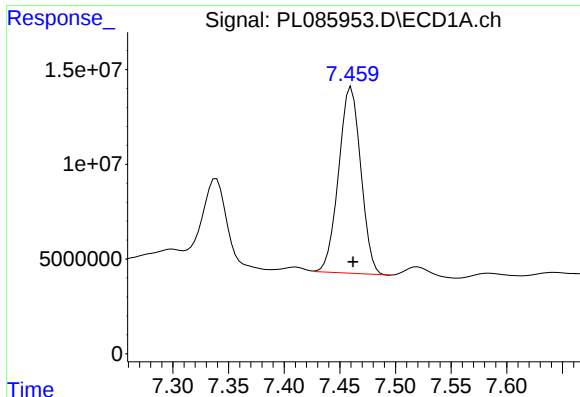
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 56847678
Conc: 40.70 ng/ml



#20 Methoxychlor

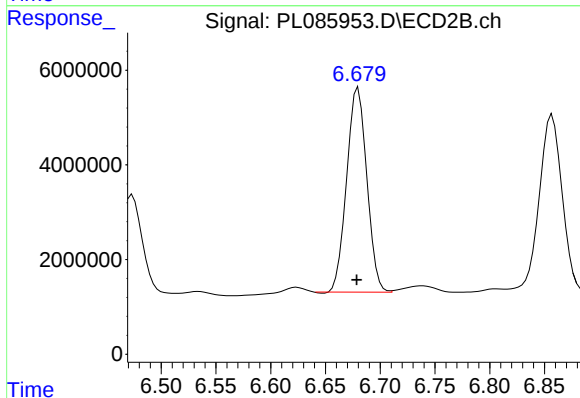
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 29767344
Conc: 56.58 ng/ml



#21 Endrin ketone

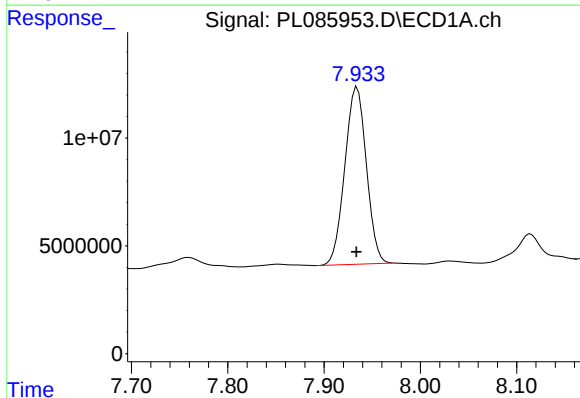
R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 136580238
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



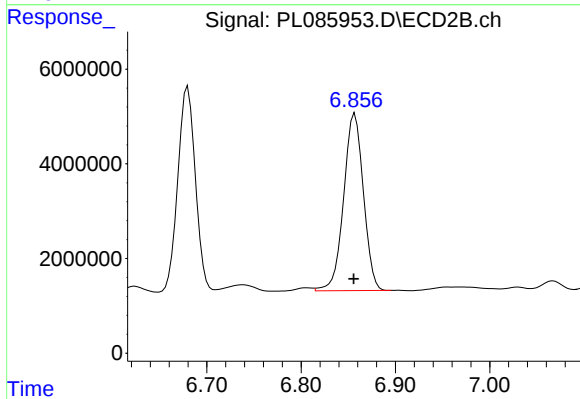
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 55373982
Conc: 48.18 ng/ml



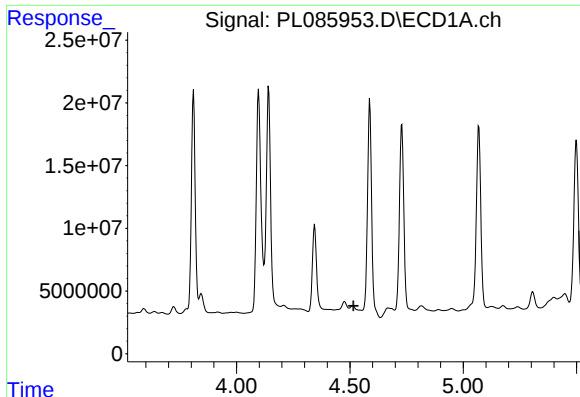
#22 Mirex

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 127584755
Conc: 57.63 ng/ml



#22 Mirex

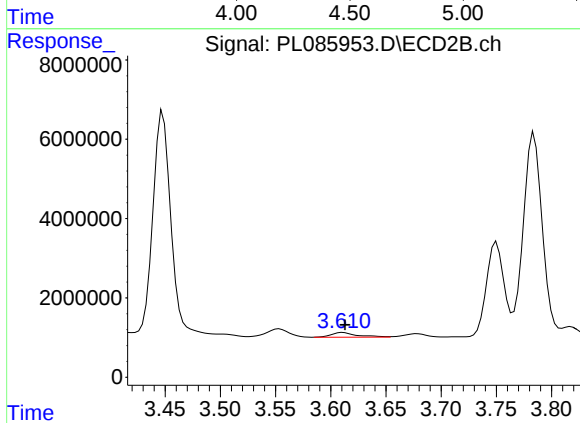
R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 54532548
Conc: 57.82 ng/ml



#23 Chlordane-1

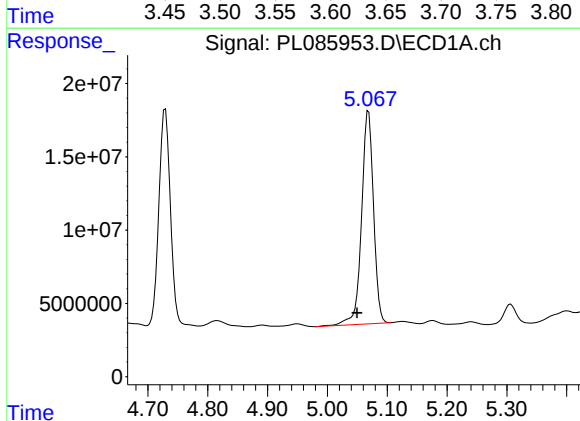
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: -4379468
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



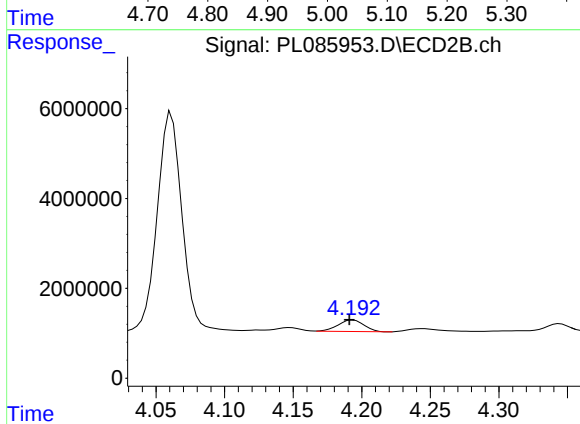
#23 Chlordane-1

R.T.: 3.611 min
Delta R.T.: -0.002 min
Response: 1924219
Conc: 59.03 ng/ml



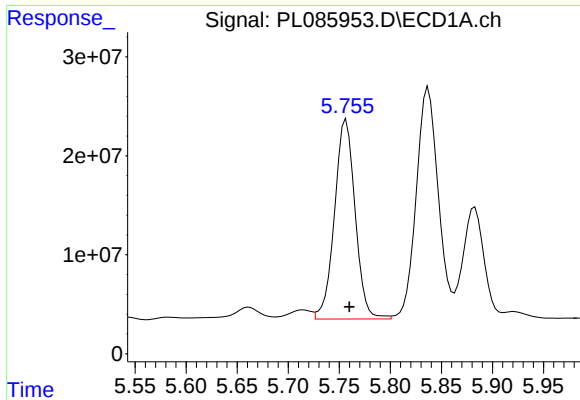
#24 Chlordane-2

R.T.: 5.069 min
Delta R.T.: 0.019 min
Response: 202260658
Conc: 1555.33 ng/ml



#24 Chlordane-2

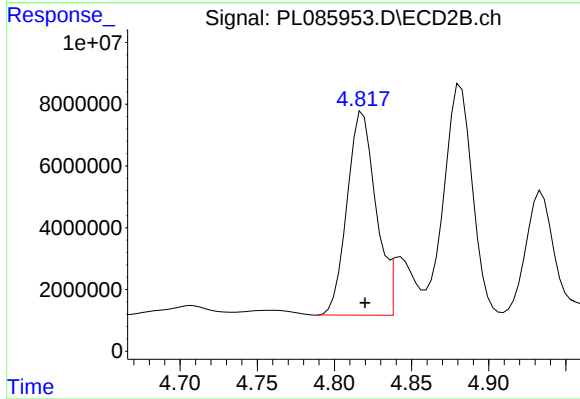
R.T.: 4.194 min
Delta R.T.: 0.003 min
Response: 3343708
Conc: 85.93 ng/ml



#25 Chlordane-3

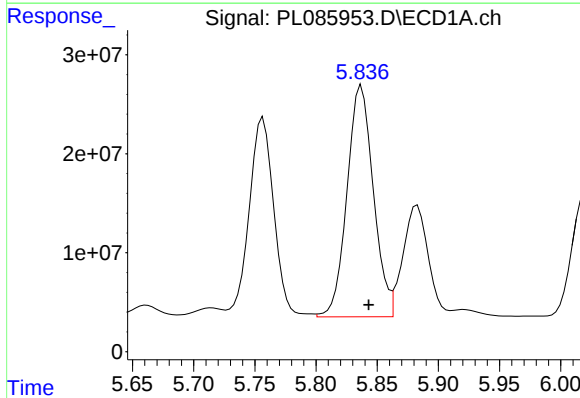
R.T.: 5.757 min
Delta R.T.: -0.003 min
Response: 284125247
Conc: 556.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



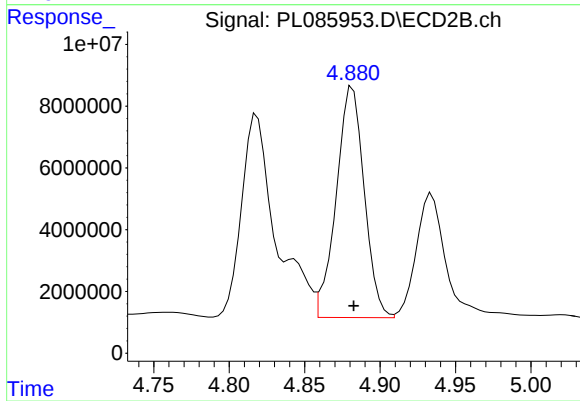
#25 Chlordane-3

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 85584234
Conc: 846.97 ng/ml



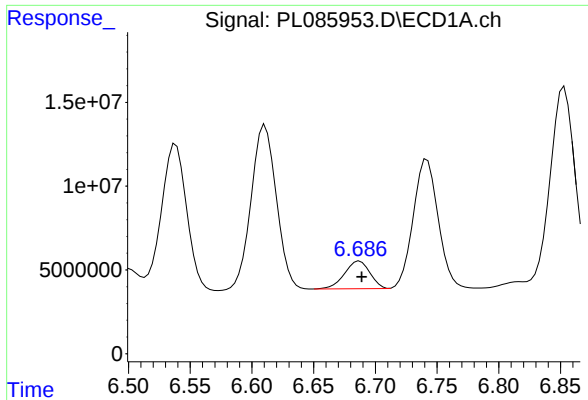
#26 Chlordane-4

R.T.: 5.837 min
Delta R.T.: -0.006 min
Response: 349726038
Conc: 551.24 ng/ml



#26 Chlordane-4

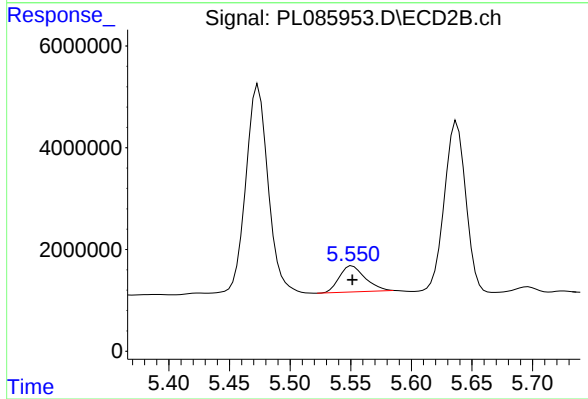
R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 96787780
Conc: 835.93 ng/ml



#27 Chlordane-5

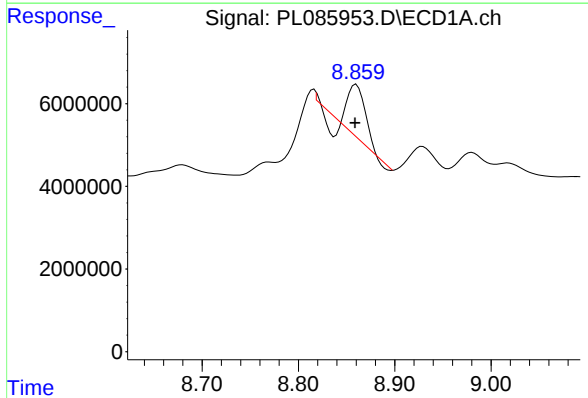
R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 23763264
Conc: 231.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



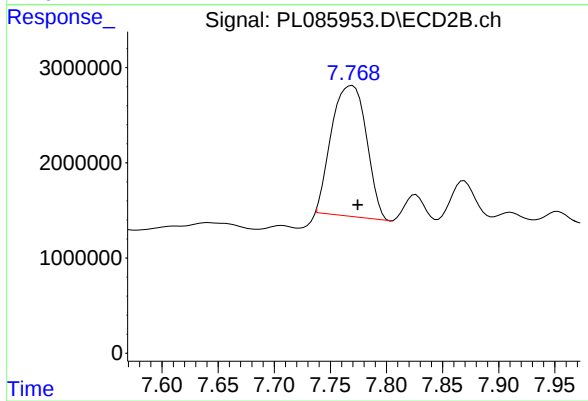
#27 Chlordane-5

R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 7630936
Conc: 273.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.001 min
Response: 14064372
Conc: 6.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 29739691
Conc: 32.22 ng/ml