

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
 Data File : PL081044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 18:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:07:40 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...	3.357	2.684	113.7E6	113.7E6	48.768	49.401
28)	SA Decachlor...	8.797	7.834	97566442	111.4E6	49.903	47.558
Target Compounds							
2)	A alpha-BHC	3.807	3.185	178.4E6	165.6E6	50.625	49.450
3)	MA gamma-BHC...	4.135	3.514	163.7E6	156.3E6	49.704	49.760
4)	MA Heptachlor	4.719	3.854	164.0E6	165.0E6	49.878	50.341
5)	MB Aldrin	5.057	4.134	149.3E6	152.7E6	49.639	49.686
6)	B beta-BHC	4.332	3.811	70477569	64242417	47.157	47.749
7)	B delta-BHC	4.574	4.040	155.9E6	148.4E6	48.542	49.113
8)	B Heptachlo...	5.482	4.637	136.5E6	140.1E6	49.011	48.947
9)	A Endosulfan I	5.864	5.006	127.9E6	130.8E6	49.285	49.088
10)	B gamma-Chl...	5.737	4.888	139.7E6	142.5E6	50.024	48.921
11)	B alpha-Chl...	5.815	4.952	137.7E6	142.7E6	49.624	48.883
12)	B 4,4'-DDE	5.994	5.145	123.0E6	113.5E6	49.685	47.565
13)	MA Dieldrin	6.138	5.272	132.2E6	135.4E6	49.924	49.166
14)	MA Endrin	6.364	5.547	118.0E6	123.0E6	49.844	49.763
15)	B Endosulfa...	6.583	5.841	112.9E6	109.4E6	50.848	48.397
16)	A 4,4'-DDD	6.508	5.699	102.0E6	91322176	50.407	47.976
17)	MA 4,4'-DDT	6.820	5.951	112.0E6	103.2E6	49.563	47.616
18)	B Endrin al...	6.714	6.021	88473137	87693088	48.656	47.526
19)	B Endosulfa...	6.947	6.244	113.0E6	113.1E6	49.056	47.699
20)	A Methoxychlor	7.299	6.529	59752263	56614778	48.694	47.169
21)	B Endrin ke...	7.427	6.749	119.6E6	125.6E6	50.240	47.959
22)	Mirex	7.898	6.931	91604019	111.2E6	48.962	47.798
23)	Chlordane-1	0.000	3.687	0	12362	N.D.	0.152 #
24)	Chlordane-2	0.000	4.267	0	65617	N.D.	0.722 #
25)	Chlordane-3	5.737	4.888	139.7E6	142.5E6	367.675	542.174 #
26)	Chlordane-4	5.815	4.952	137.7E6	142.7E6	297.145	531.905 #

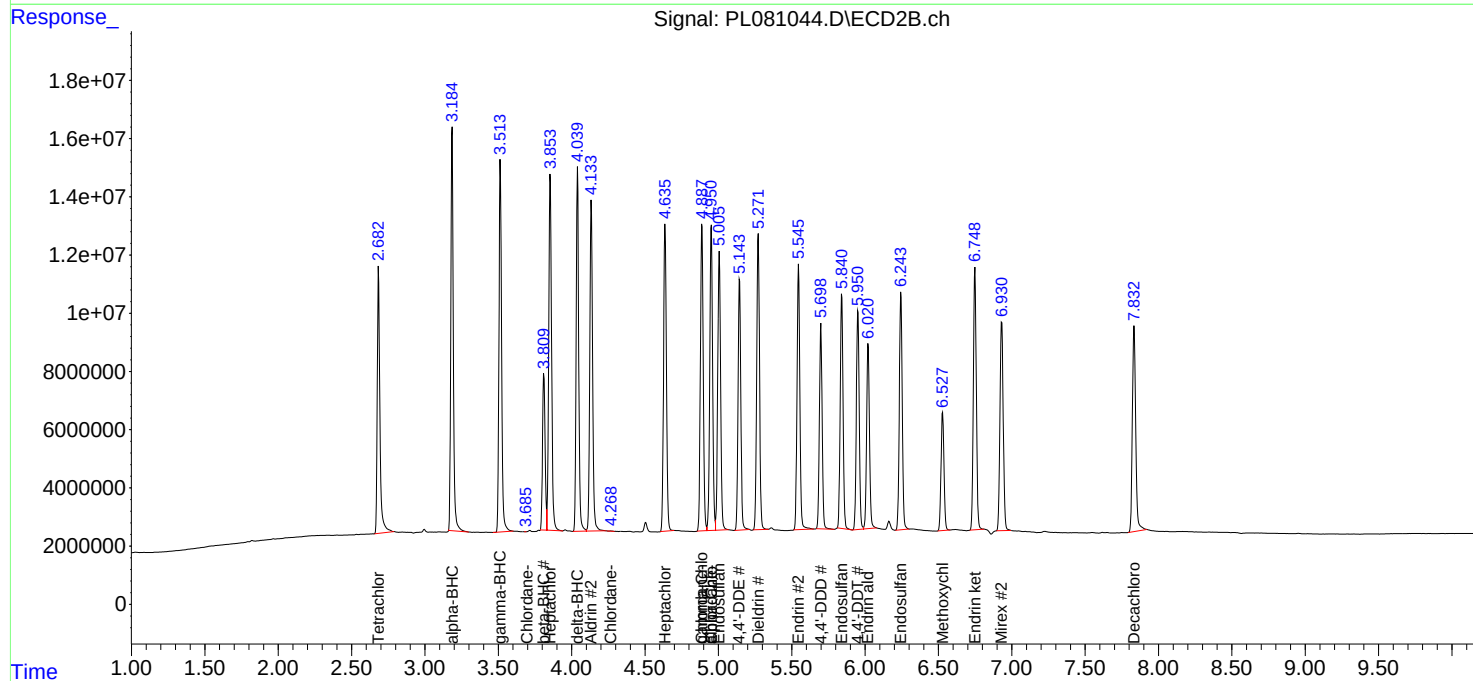
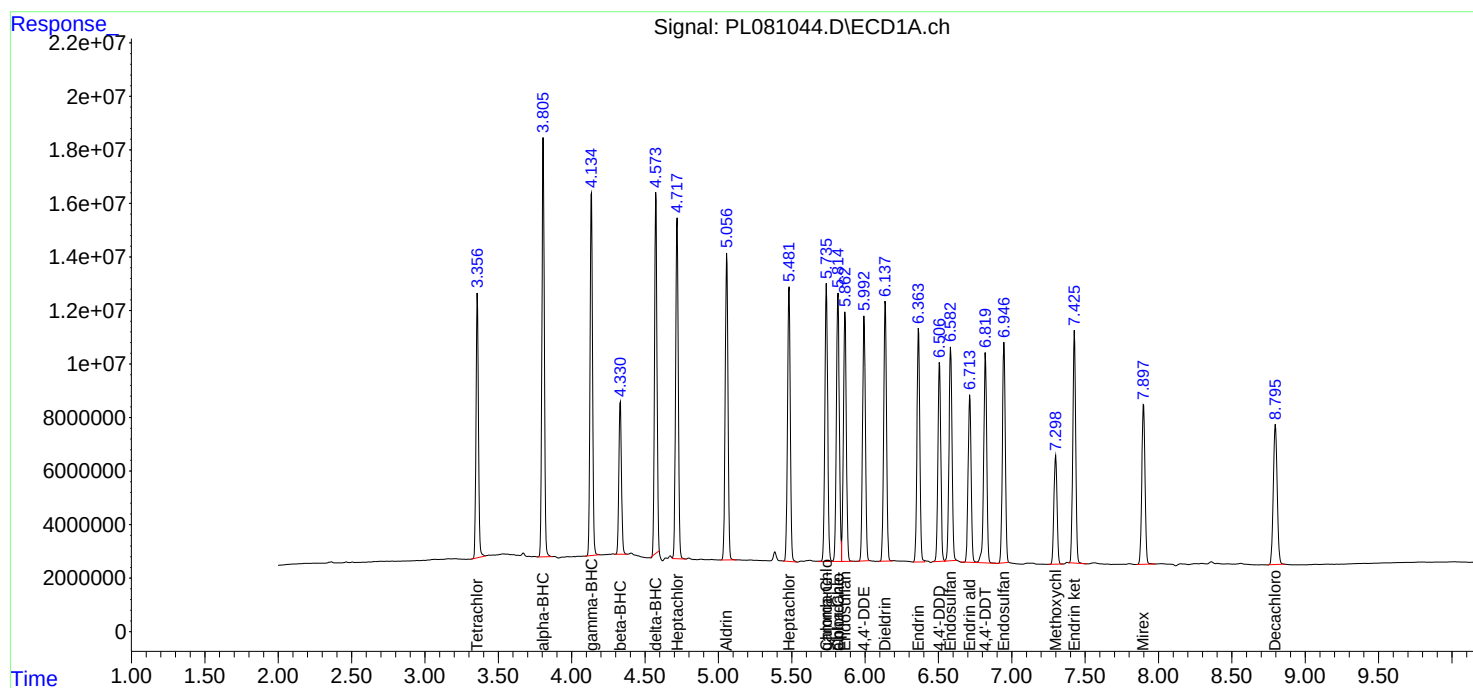
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

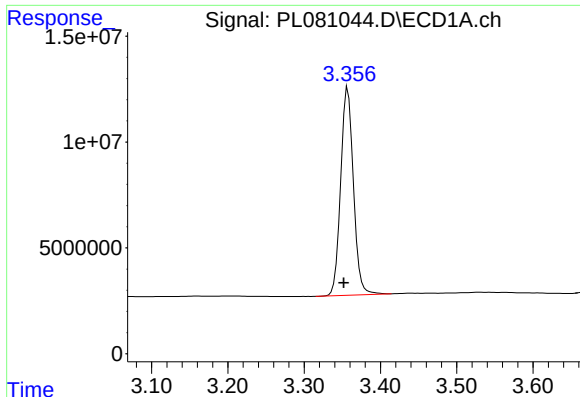
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
Data File : PL081044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 18:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:07:40 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

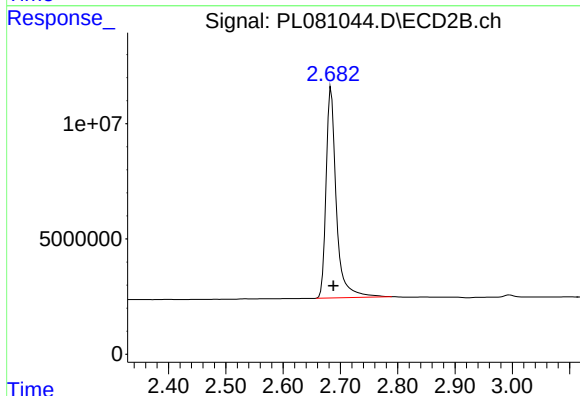




#1 Tetrachloro-m-xylene

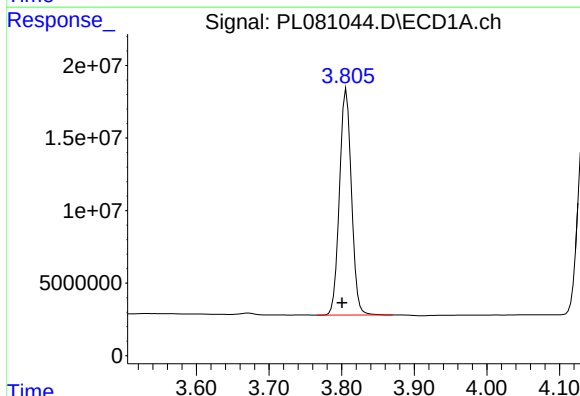
R.T.: 3.357 min
Delta R.T.: 0.005 min
Response: 113678812
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



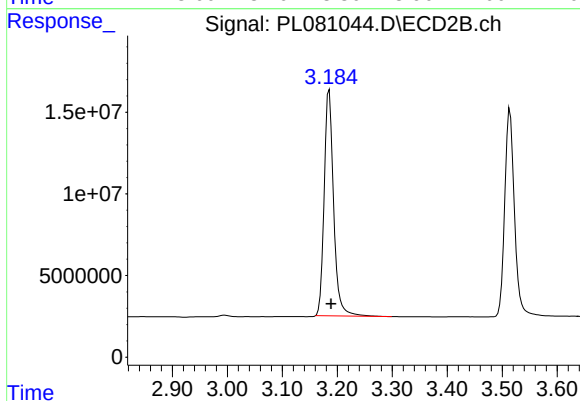
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: -0.004 min
Response: 113680310
Conc: 49.40 ng/ml



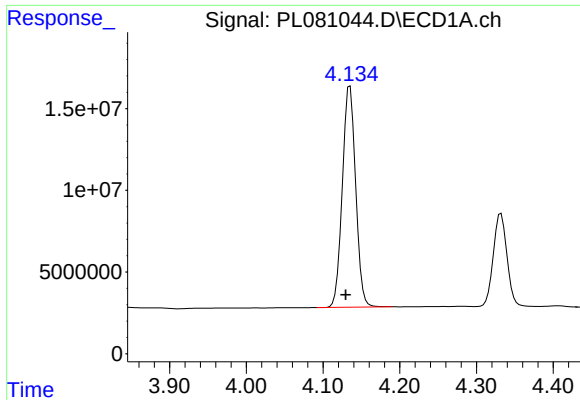
#2 alpha-BHC

R.T.: 3.807 min
Delta R.T.: 0.006 min
Response: 178419384
Conc: 50.63 ng/ml



#2 alpha-BHC

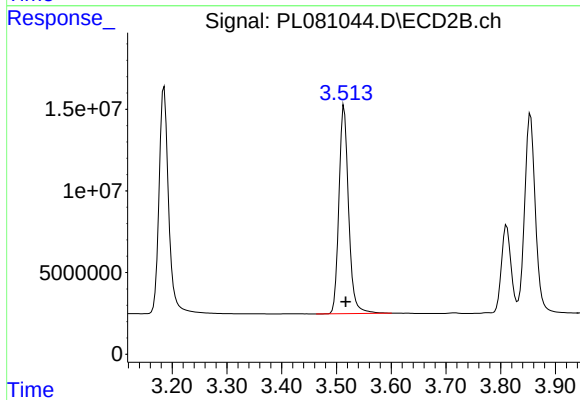
R.T.: 3.185 min
Delta R.T.: -0.004 min
Response: 165605489
Conc: 49.45 ng/ml



#3 gamma-BHC (Lindane)

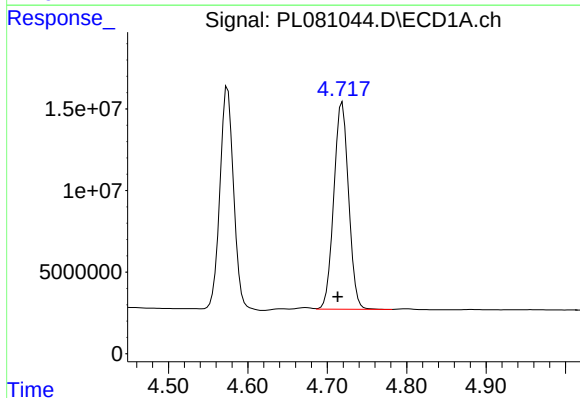
R.T.: 4.135 min
Delta R.T.: 0.006 min
Response: 163703183
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



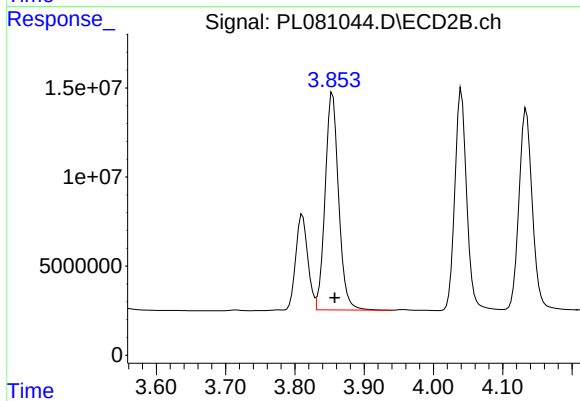
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.003 min
Response: 156300589
Conc: 49.76 ng/ml



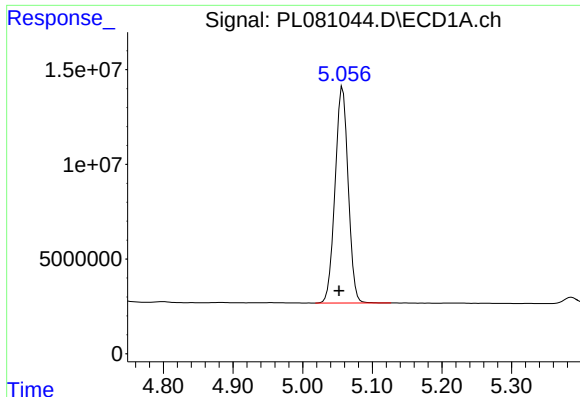
#4 Heptachlor

R.T.: 4.719 min
Delta R.T.: 0.005 min
Response: 164025062
Conc: 49.88 ng/ml



#4 Heptachlor

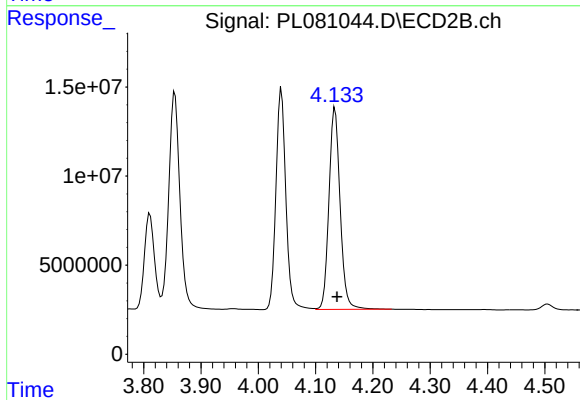
R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 165042513
Conc: 50.34 ng/ml



#5 Aldrin

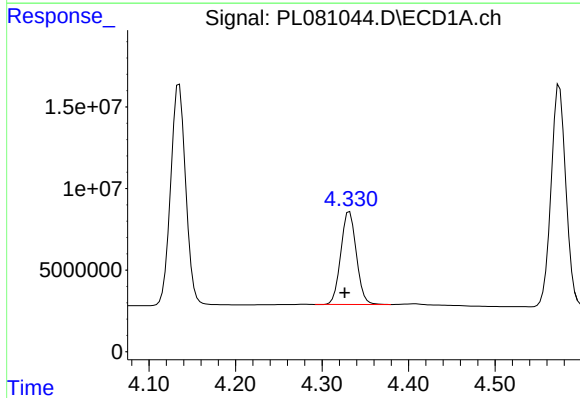
R.T.: 5.057 min
Delta R.T.: 0.005 min
Response: 149324446
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



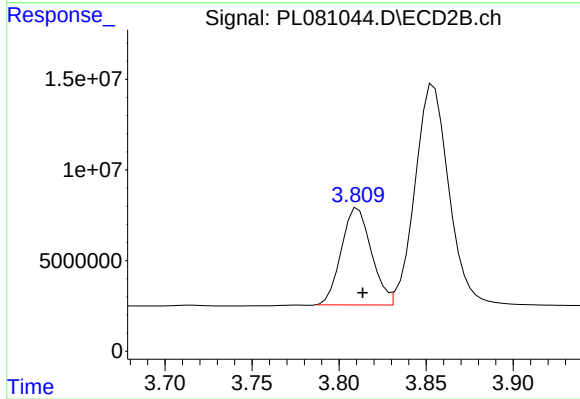
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.003 min
Response: 152710999
Conc: 49.69 ng/ml



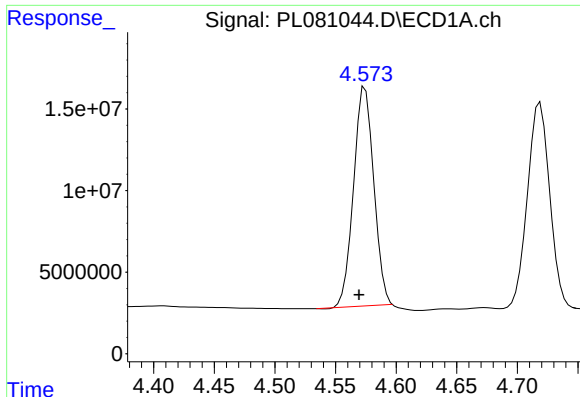
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.006 min
Response: 70477569
Conc: 47.16 ng/ml



#6 beta-BHC

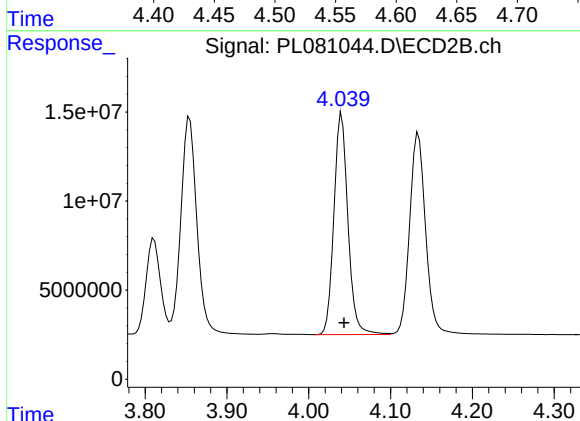
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 64242417
Conc: 47.75 ng/ml



#7 delta-BHC

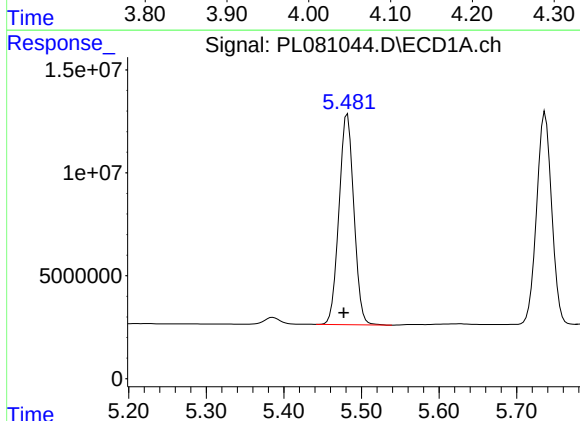
R.T.: 4.574 min
Delta R.T.: 0.005 min
Response: 155863277
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



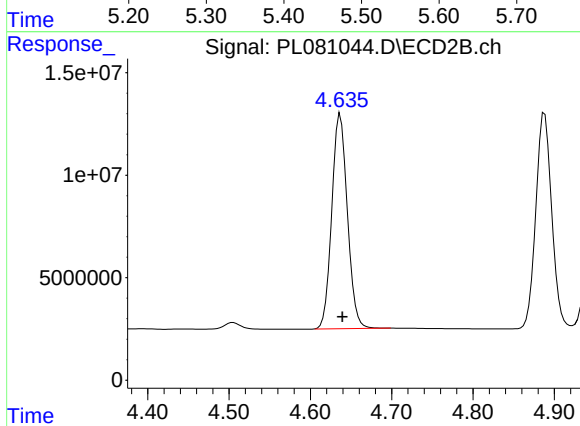
#7 delta-BHC

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 148385969
Conc: 49.11 ng/ml



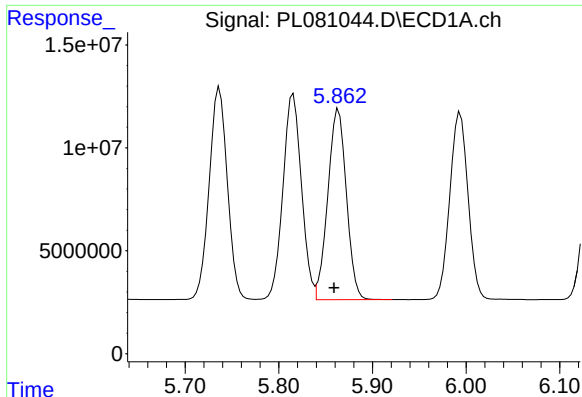
#8 Heptachlor epoxide

R.T.: 5.482 min
Delta R.T.: 0.005 min
Response: 136477370
Conc: 49.01 ng/ml



#8 Heptachlor epoxide

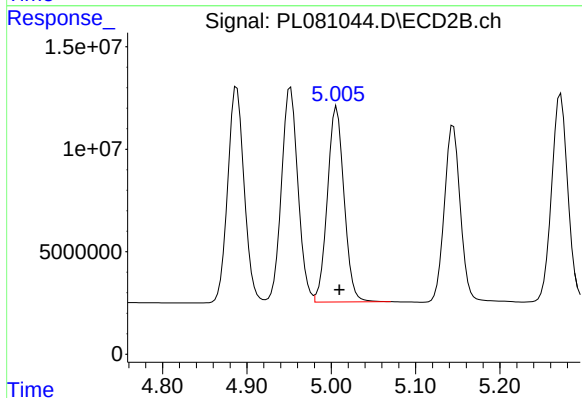
R.T.: 4.637 min
Delta R.T.: -0.003 min
Response: 140050862
Conc: 48.95 ng/ml



#9 Endosulfan I

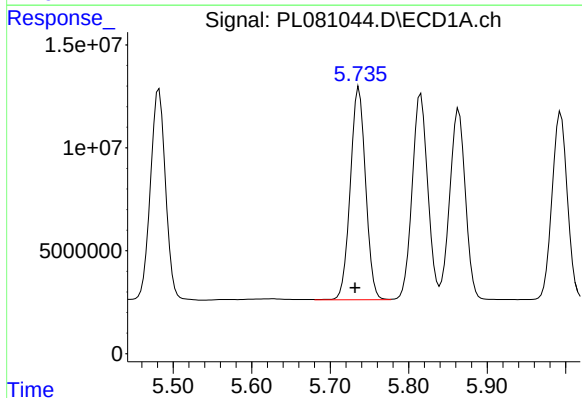
R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 127878450
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



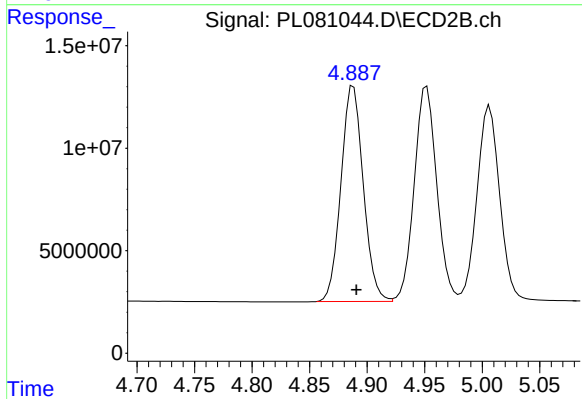
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 130836610
Conc: 49.09 ng/ml



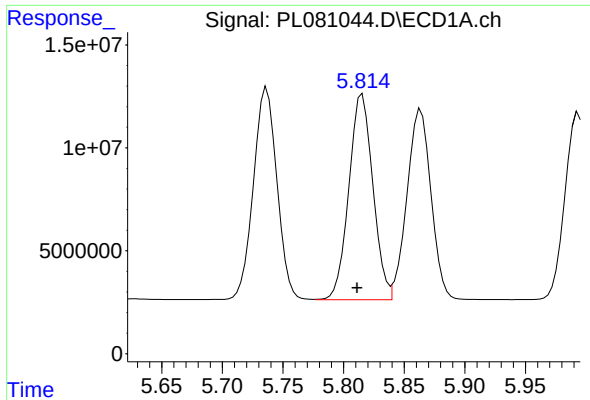
#10 gamma-Chlordane

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 139736978
Conc: 50.02 ng/ml



#10 gamma-Chlordane

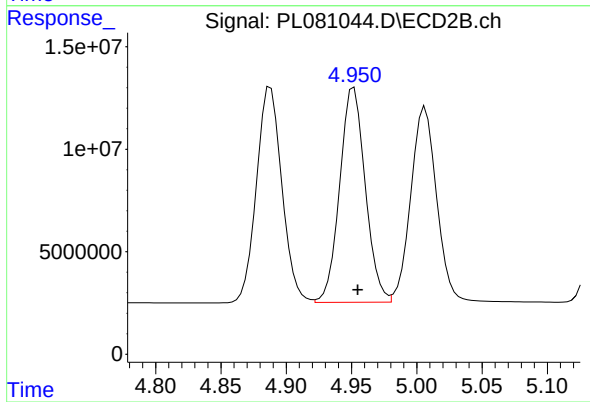
R.T.: 4.888 min
Delta R.T.: -0.003 min
Response: 142468837
Conc: 48.92 ng/ml



#11 alpha-Chlordane

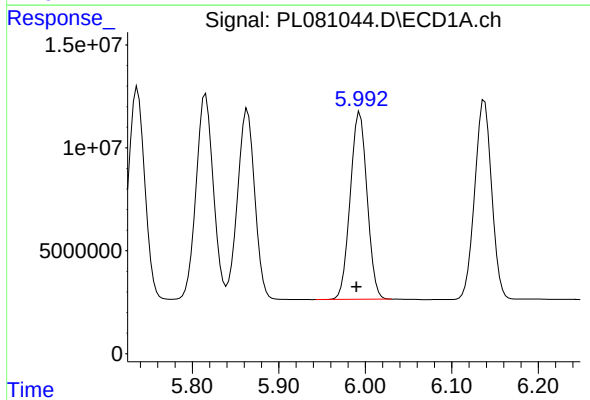
R.T.: 5.815 min
Delta R.T.: 0.004 min
Response: 137691053
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



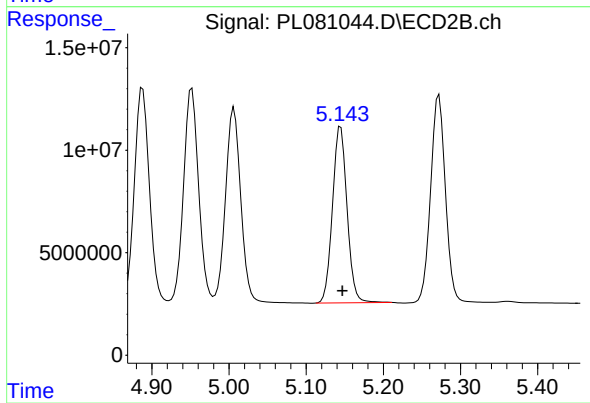
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 142717901
Conc: 48.88 ng/ml



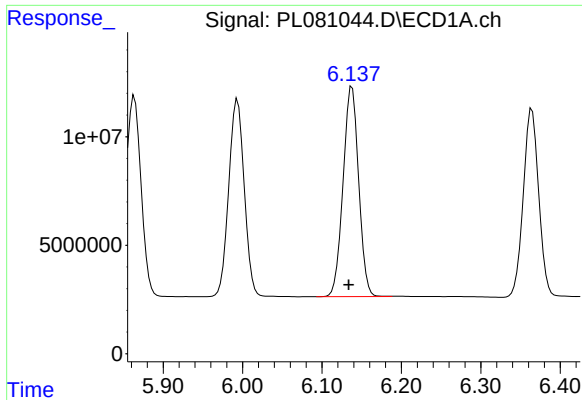
#12 4,4'-DDE

R.T.: 5.994 min
Delta R.T.: 0.004 min
Response: 122981997
Conc: 49.68 ng/ml



#12 4,4'-DDE

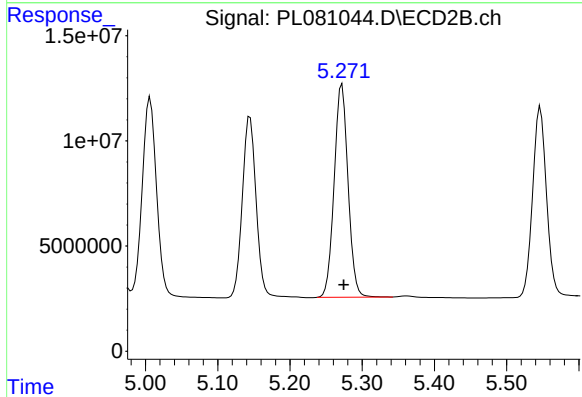
R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 113536779
Conc: 47.56 ng/ml



#13 Dieldrin

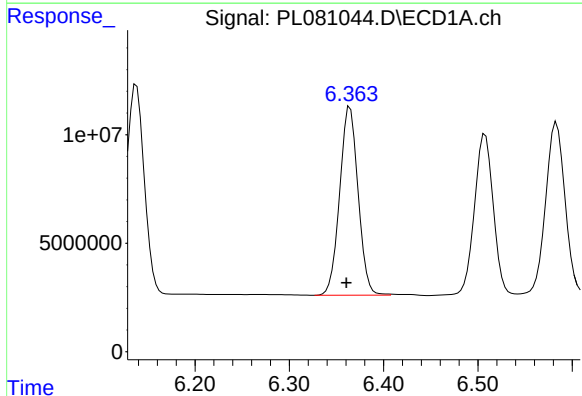
R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 132207554
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



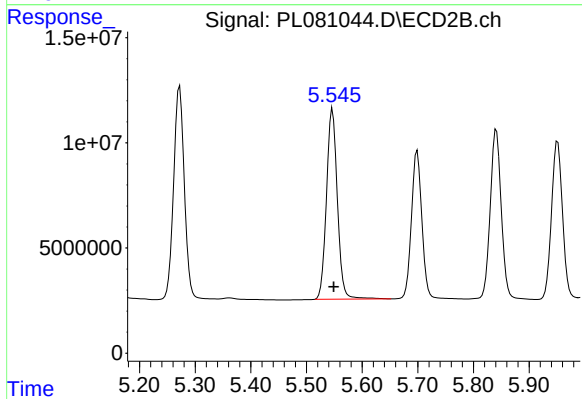
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 135424462
Conc: 49.17 ng/ml



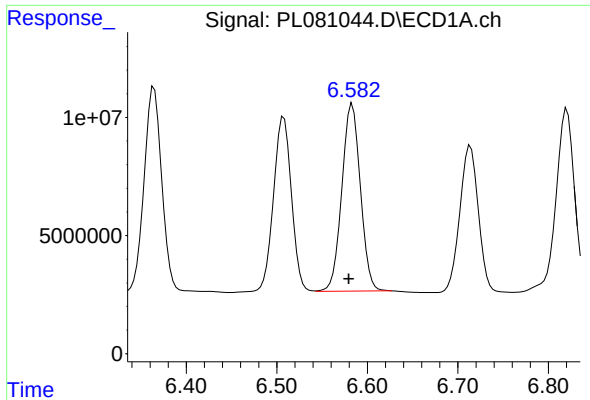
#14 Endrin

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 118004691
Conc: 49.84 ng/ml



#14 Endrin

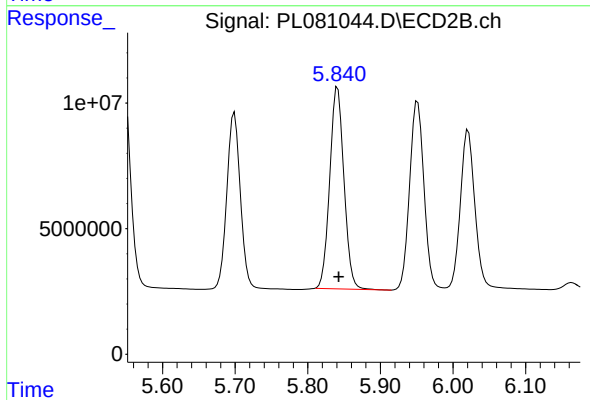
R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 123042045
Conc: 49.76 ng/ml



#15 Endosulfan II

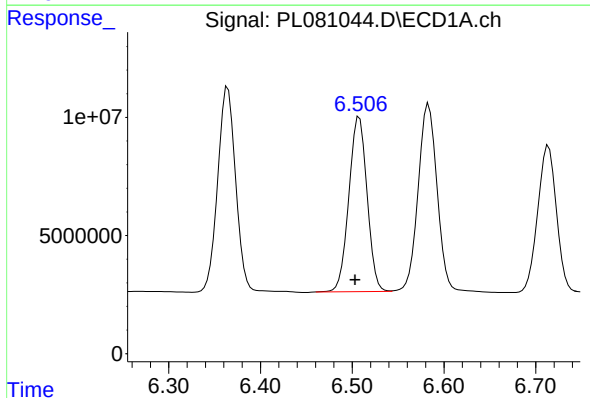
R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 112879567
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



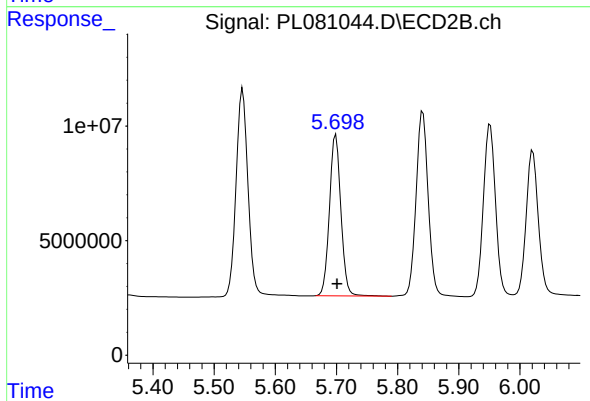
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 109432367
Conc: 48.40 ng/ml



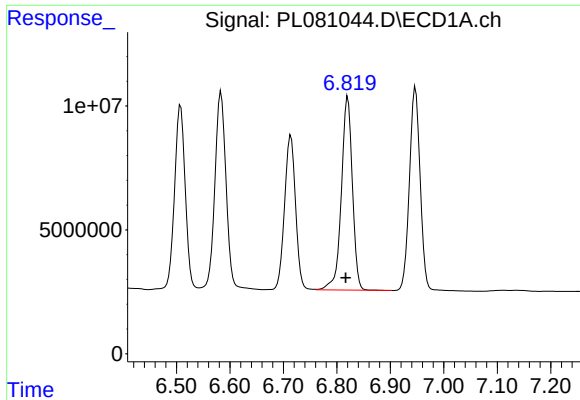
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.005 min
Response: 101956268
Conc: 50.41 ng/ml



#16 4,4'-DDD

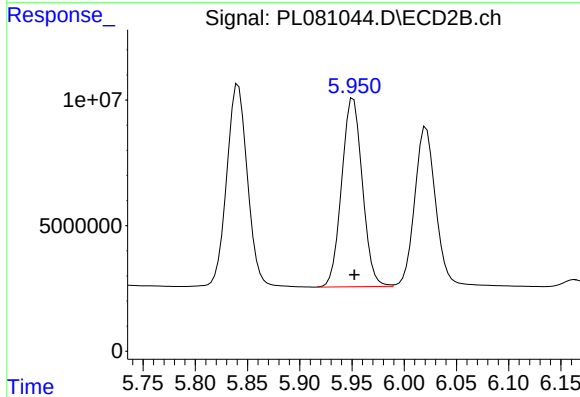
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 91322176
Conc: 47.98 ng/ml



#17 4,4'-DDT

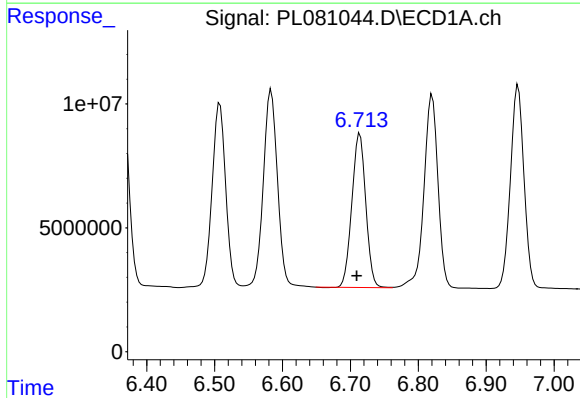
R.T.: 6.820 min
Delta R.T.: 0.004 min
Response: 111982540
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



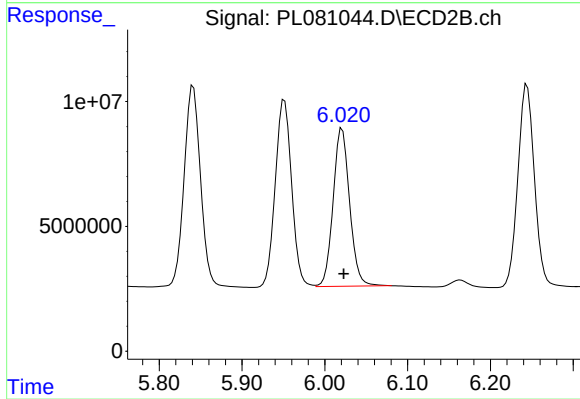
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 103235741
Conc: 47.62 ng/ml



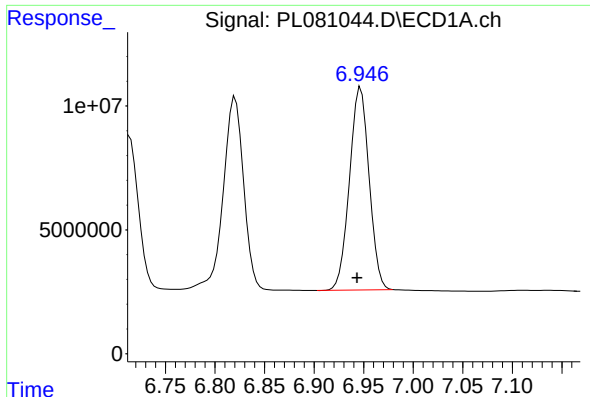
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 88473137
Conc: 48.66 ng/ml



#18 Endrin aldehyde

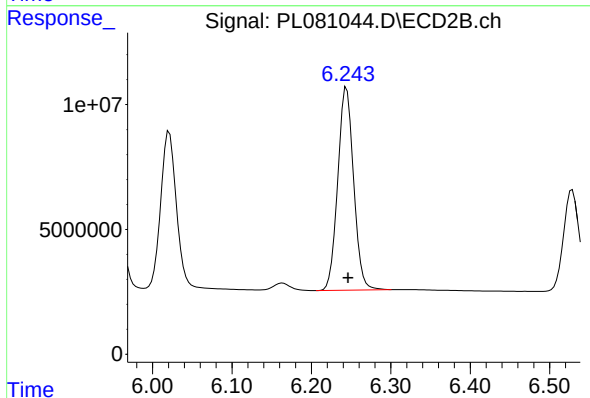
R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 87693088
Conc: 47.53 ng/ml



#19 Endosulfan Sulfate

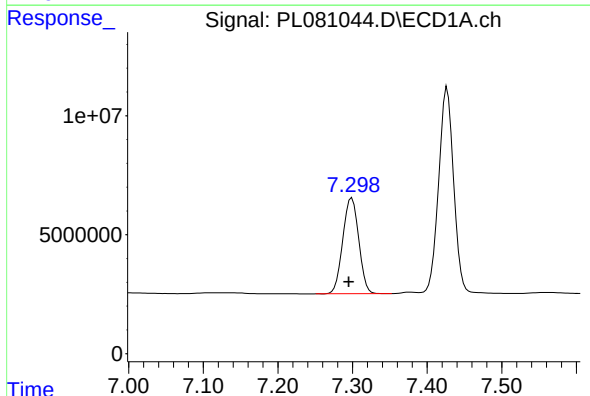
R.T.: 6.947 min
Delta R.T.: 0.004 min
Response: 112977699
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



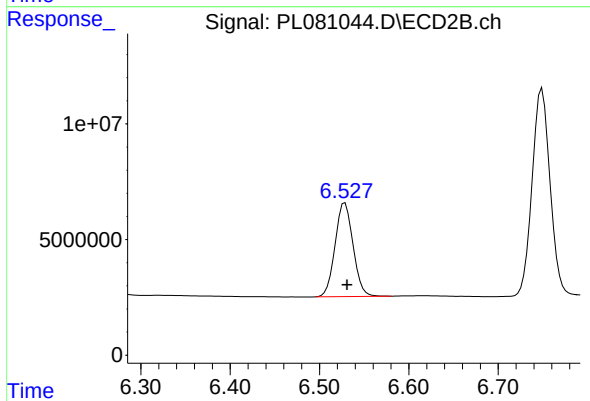
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 113057604
Conc: 47.70 ng/ml



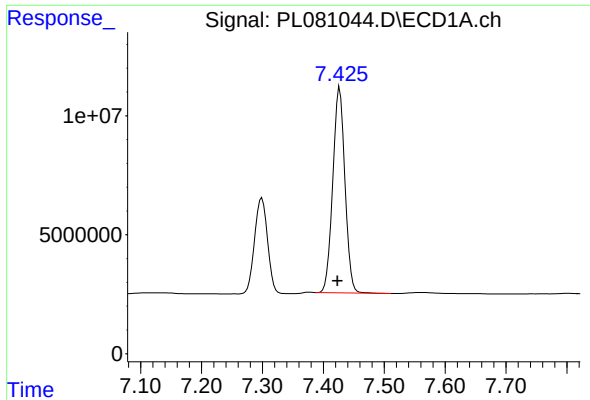
#20 Methoxychlor

R.T.: 7.299 min
Delta R.T.: 0.004 min
Response: 59752263
Conc: 48.69 ng/ml



#20 Methoxychlor

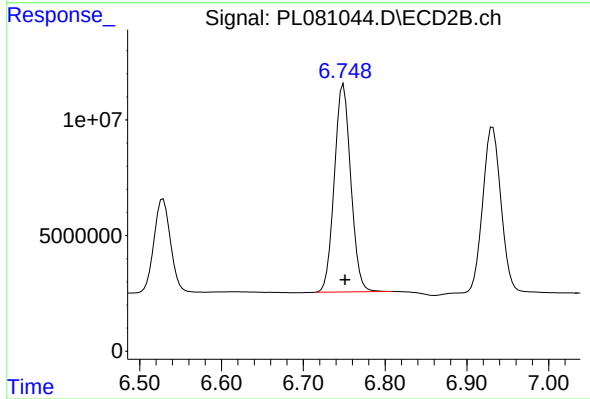
R.T.: 6.529 min
Delta R.T.: -0.002 min
Response: 56614778
Conc: 47.17 ng/ml



#21 Endrin ketone

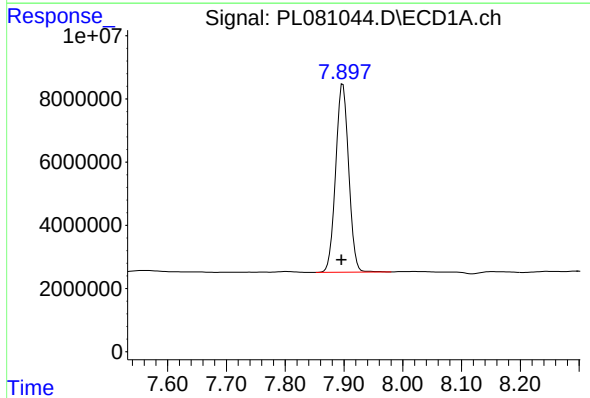
R.T.: 7.427 min
Delta R.T.: 0.004 min
Response: 119645826
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



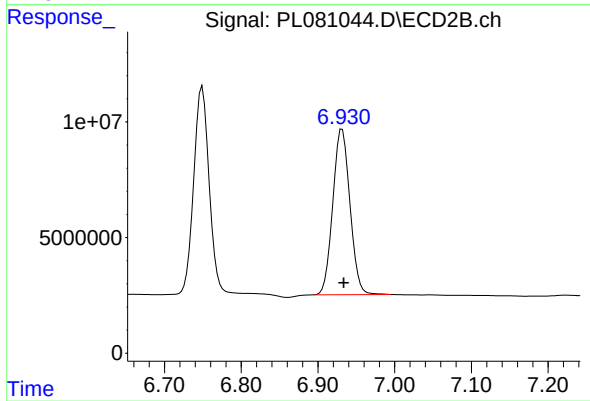
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 125570720
Conc: 47.96 ng/ml



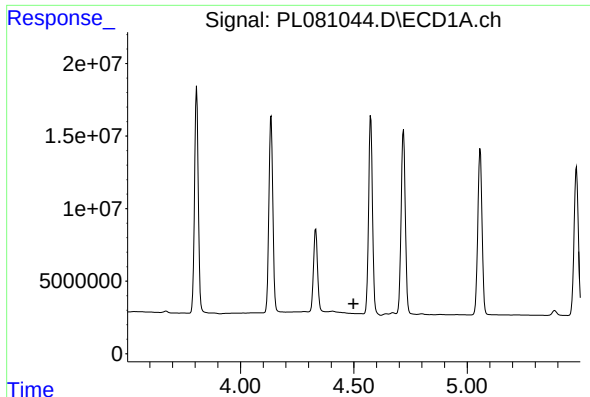
#22 Mirex

R.T.: 7.898 min
Delta R.T.: 0.003 min
Response: 91604019
Conc: 48.96 ng/ml



#22 Mirex

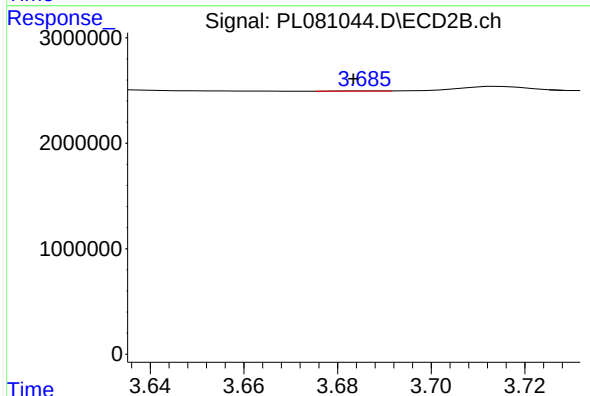
R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 111177036
Conc: 47.80 ng/ml



#23 Chlordane-1

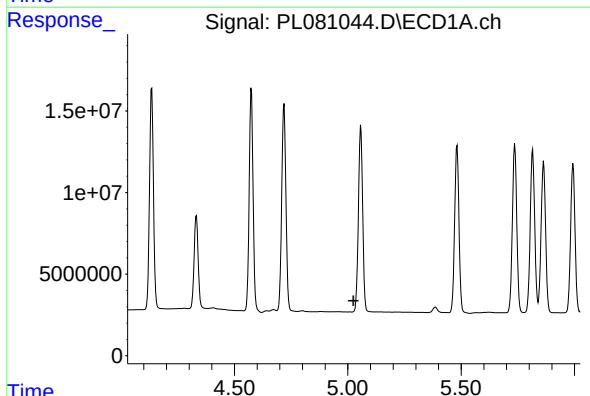
R.T.: 0.000 min
Exp R.T.: 4.499 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



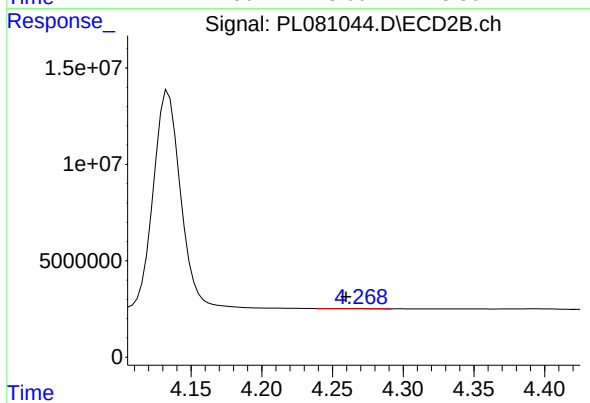
#23 Chlordane-1

R.T.: 3.687 min
Delta R.T.: 0.004 min
Response: 12362
Conc: 0.15 ng/ml



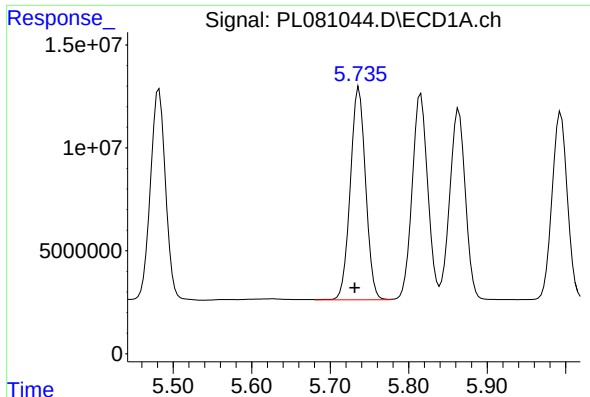
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.025 min
Response: 0
Conc: N.D.



#24 Chlordane-2

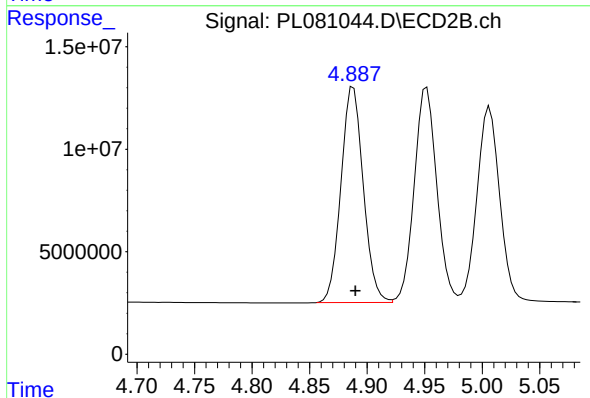
R.T.: 4.267 min
Delta R.T.: 0.007 min
Response: 65617
Conc: 0.72 ng/ml



#25 Chlordane-3

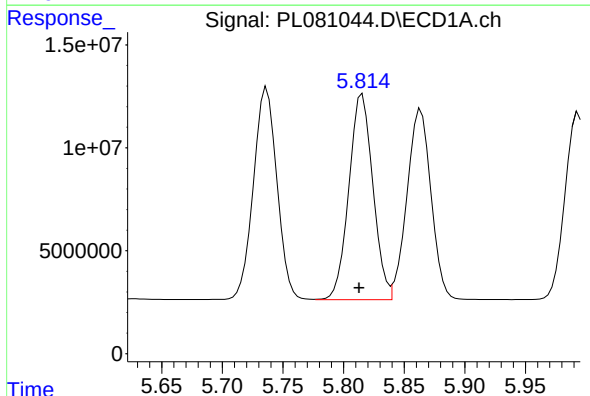
R.T.: 5.737 min
Delta R.T.: 0.006 min
Response: 139736978
Conc: 367.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



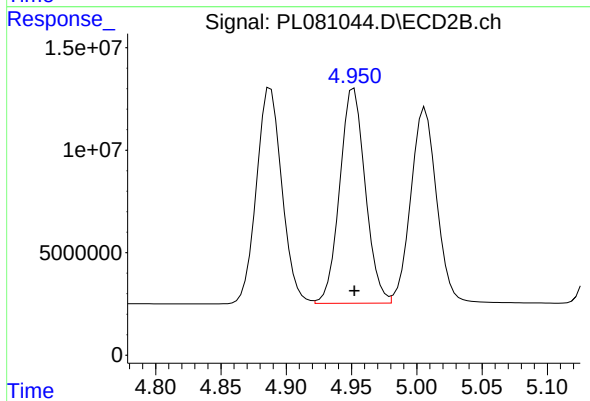
#25 Chlordane-3

R.T.: 4.888 min
Delta R.T.: -0.002 min
Response: 142468837
Conc: 542.17 ng/ml



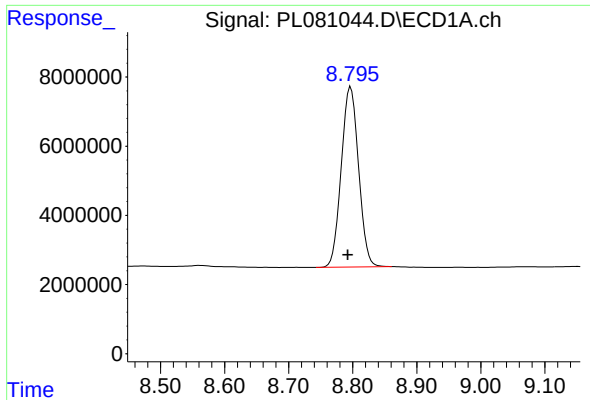
#26 Chlordane-4

R.T.: 5.815 min
Delta R.T.: 0.003 min
Response: 137691053
Conc: 297.14 ng/ml



#26 Chlordane-4

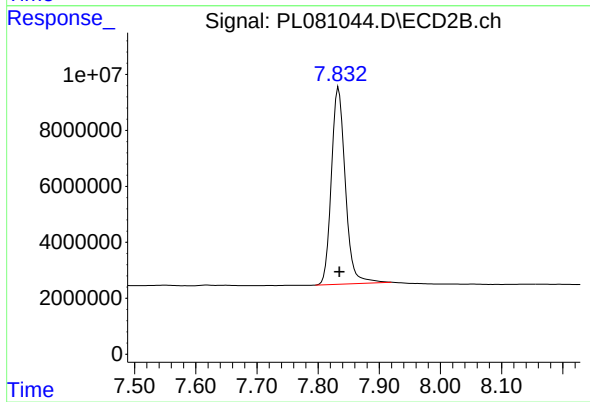
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 142717901
Conc: 531.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.797 min
Delta R.T.: 0.005 min
Response: 97566442
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.001 min
Response: 111412676
Conc: 47.56 ng/ml