

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 19:02
 Operator : AR\AJ
 Sample : Q3231-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:24:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.876	54015988	439.4E6	16.618	16.007
28)	SA Decachlor...	9.065	8.062	89844406	558.7E6	18.620	17.237
Target Compounds							
2)	A alpha-BHC	3.995	3.387	275.6E6	1639.2E6	39.461	37.439
3)	MA gamma-BHC...	4.325	3.724	261.9E6	1527.7E6	39.584	37.502
4)	MA Heptachlor	4.923	4.076	265.3E6	1547.0E6	40.115	37.994
5)	MB Aldrin	5.265	4.361	251.6E6	1502.4E6	39.629	37.622
6)	B beta-BHC	4.512	4.019	98528053	650.4E6	38.190	37.521
7)	B delta-BHC	4.760	4.256	12359375	1558.5E6	1.914	37.740 #
8)	B Heptachlo...	5.685	4.865	228.4E6	1453.4E6	39.967	39.425
9)	A Endosulfan I	6.068	5.239	194.0E6	1339.1E6	35.920	38.696
10)	B gamma-Chl...	5.940	5.118	225.6E6	1496.5E6	39.497	38.092
11)	B alpha-Chl...	6.021	5.182	224.8E6	1437.3E6	39.030	38.161
12)	B 4,4'-DDE	6.190	5.367	210.2E6	1466.0E6	40.360	38.299
13)	MA Dieldrin	6.341	5.505	236.3E6	1493.8E6	40.989	38.355
14)	MA Endrin	6.568	5.781	204.5E6	1401.6E6	41.781	39.116
15)	B Endosulfa...	6.781	6.073	203.3E6	1313.1E6	41.671	38.907
16)	A 4,4'-DDD	6.700	5.921	166.0E6	1237.2E6	40.503	38.152
17)	MA 4,4'-DDT	7.015	6.175	185.0E6	1324.0E6	41.549	38.513
18)	B Endrin al...	6.910	6.250	151.5E6	996.9E6	44.174	42.339
19)	B Endosulfa...	7.144	6.474	189.1E6	1276.3E6	41.104	39.042
20)	A Methoxychlor	7.488	6.745	95744196	675.1E6	40.630	38.799
21)	B Endrin ke...	7.625	6.983	201.8E6	1346.1E6	40.792	37.286
22)	Mirex	8.107	7.176	146.0E6	1021.1E6	39.419	36.990
23)	Chlordane-1	0.000	3.895	0	2688170	N.D.	2.234 #
24)	Chlordane-2	5.265f	4.500	251.6E6	8390039	1172.625	6.710 #
25)	Chlordane-3	5.940	5.118	225.6E6	1496.5E6	269.537	394.789 #
26)	Chlordane-4	6.021	5.182	224.8E6	1437.3E6	220.320	441.435 #
27)	Chlordane-5	0.000	6.073	0	1313.1E6	N.D.	865.272 #

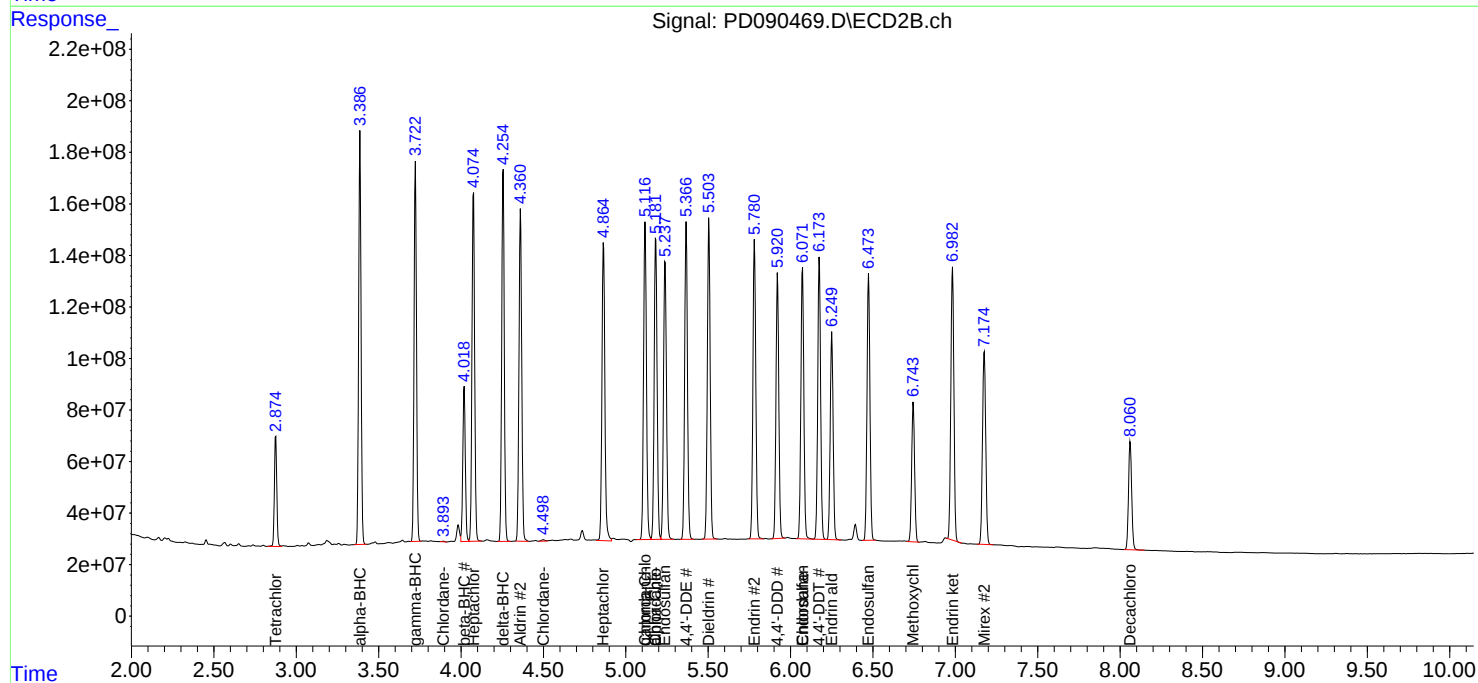
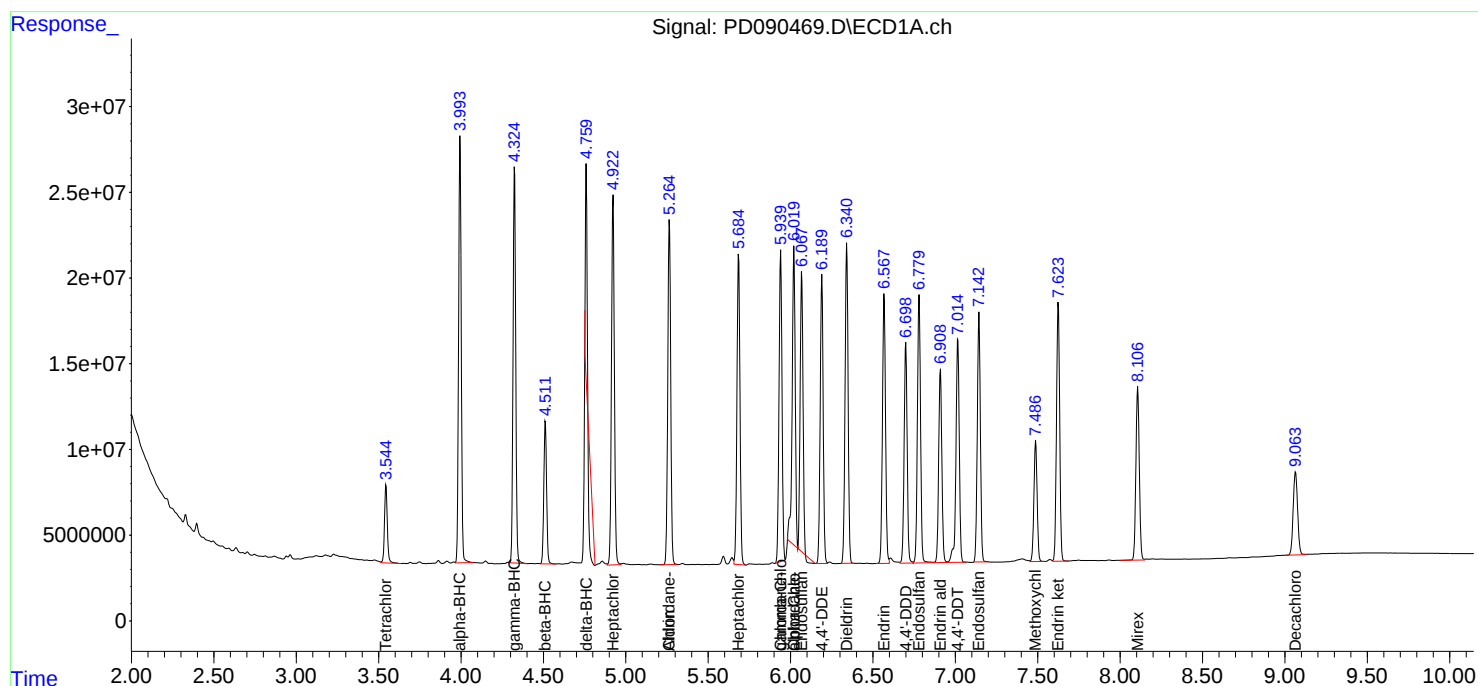
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

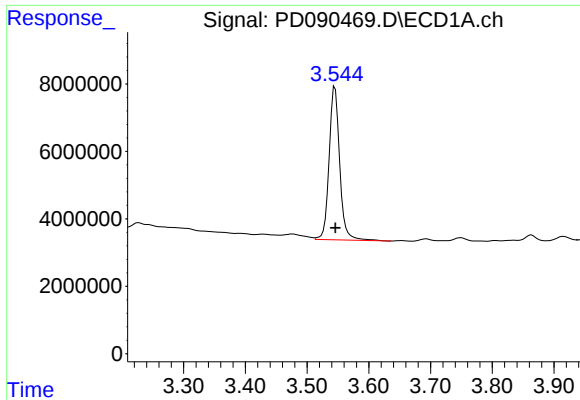
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 19:02
Operator : AR\AJ
Sample : Q3231-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:24:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

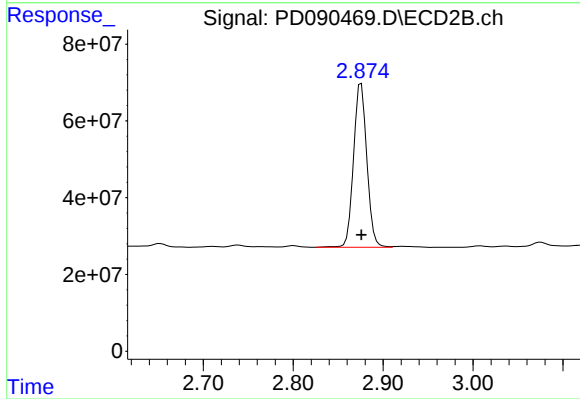




#1 Tetrachloro-m-xylene

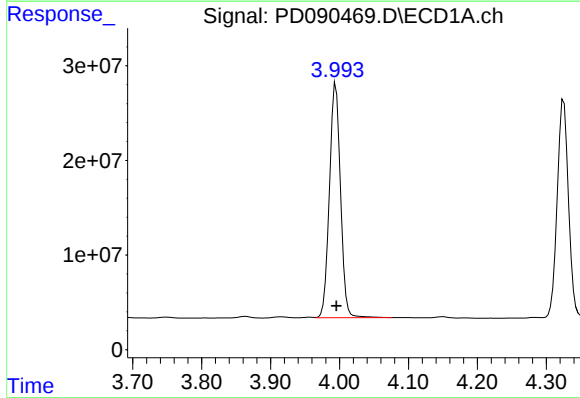
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 54015988
Conc: 16.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



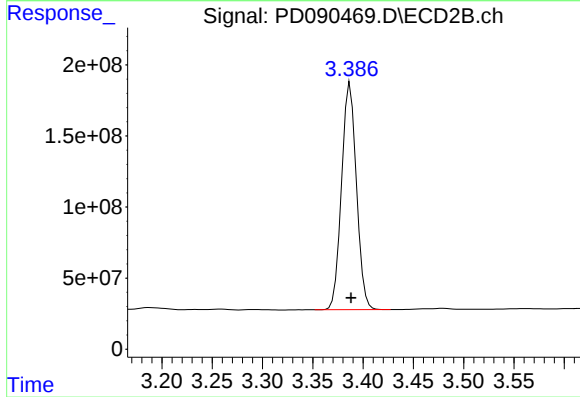
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 439391702
Conc: 16.01 ng/ml



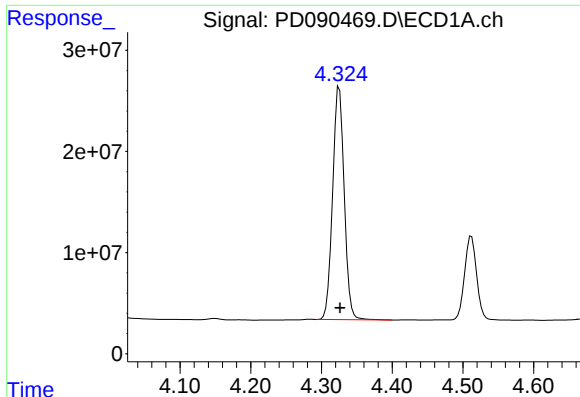
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 275614541
Conc: 39.46 ng/ml



#2 alpha-BHC

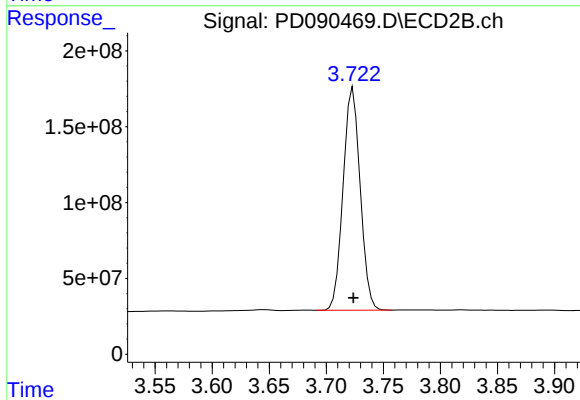
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1639172596
Conc: 37.44 ng/ml



#3 gamma-BHC (Lindane)

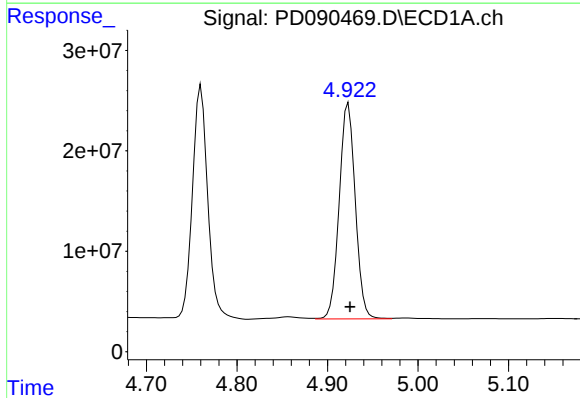
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 261925687
Conc: 39.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



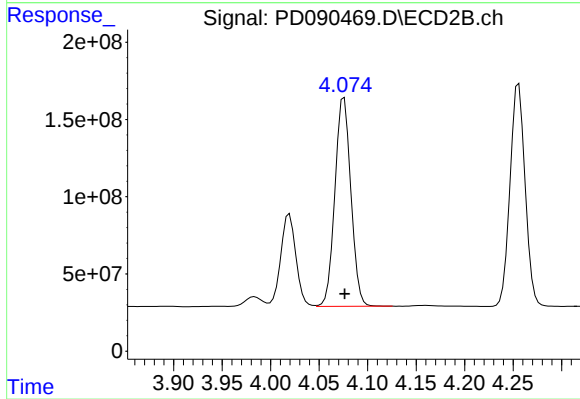
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 1527680549
Conc: 37.50 ng/ml



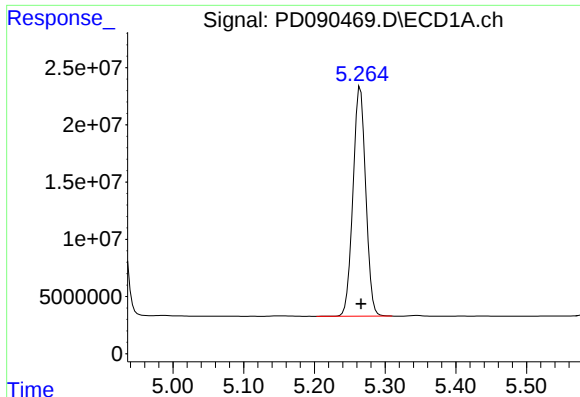
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 265260876
Conc: 40.11 ng/ml



#4 Heptachlor

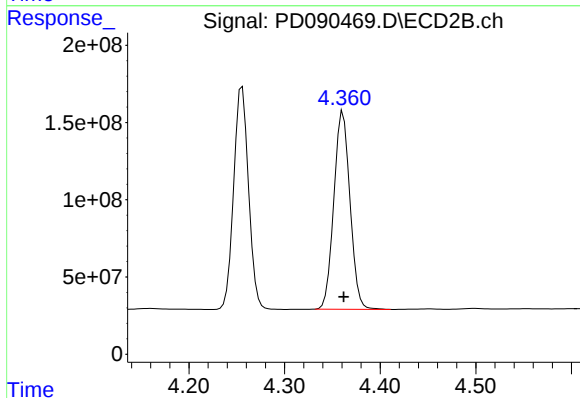
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 1546997142
Conc: 37.99 ng/ml



#5 Aldrin

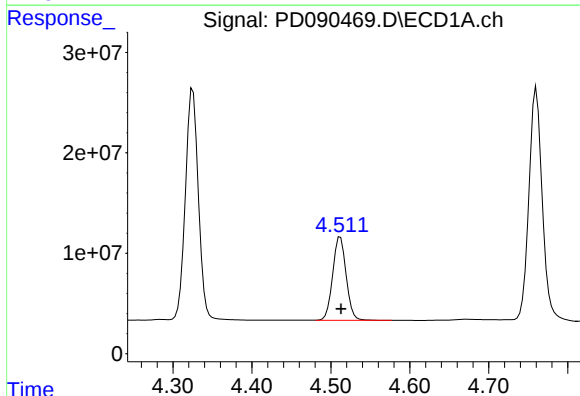
R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 251640141
Conc: 39.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



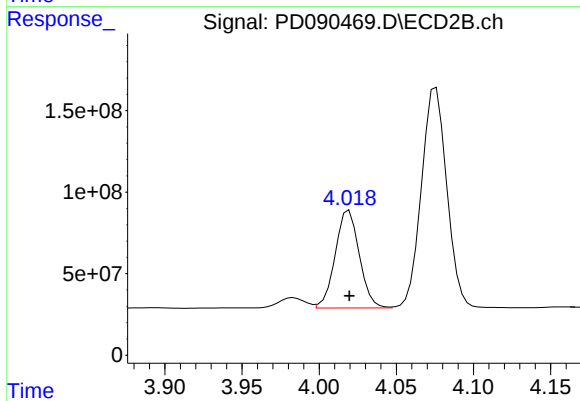
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 1502438686
Conc: 37.62 ng/ml



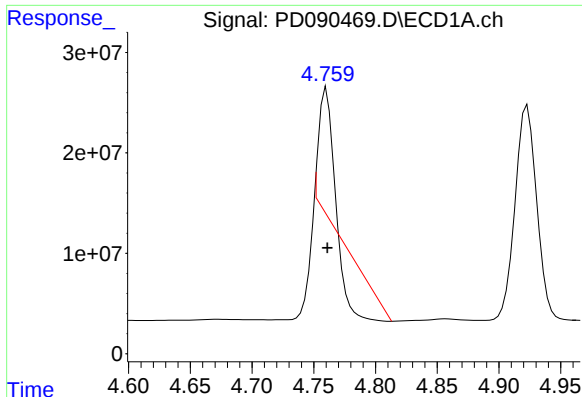
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 98528053
Conc: 38.19 ng/ml



#6 beta-BHC

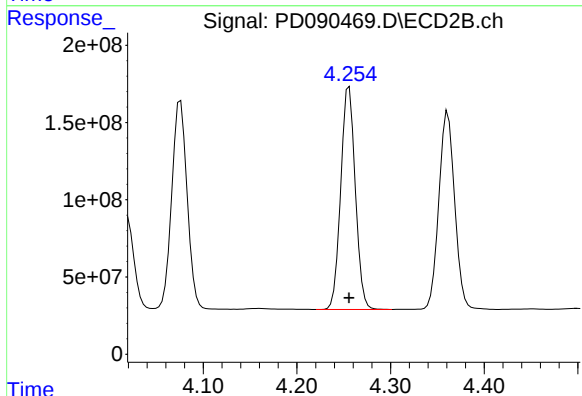
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 650445164
Conc: 37.52 ng/ml



#7 delta-BHC

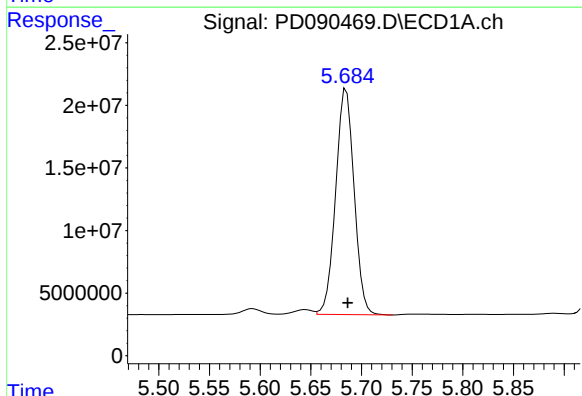
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 12359375
Conc: 1.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



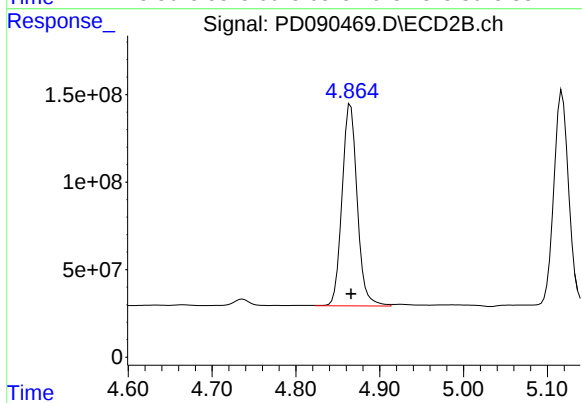
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1558478700
Conc: 37.74 ng/ml



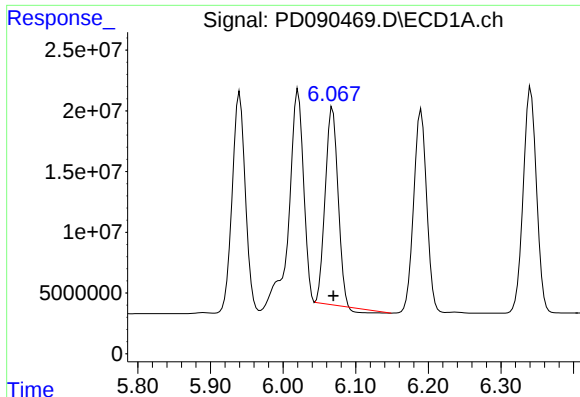
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 228408978
Conc: 39.97 ng/ml



#8 Heptachlor epoxide

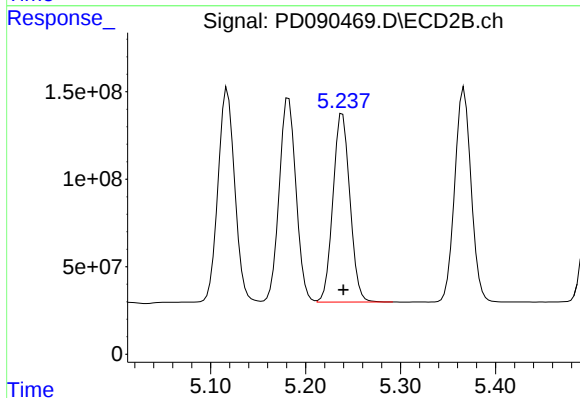
R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1453409735
Conc: 39.43 ng/ml



#9 Endosulfan I

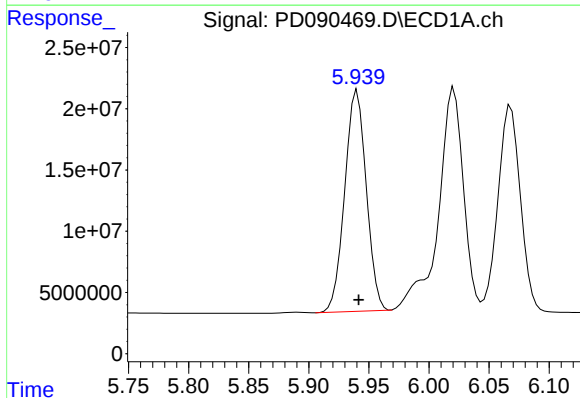
R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 194018183
Conc: 35.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



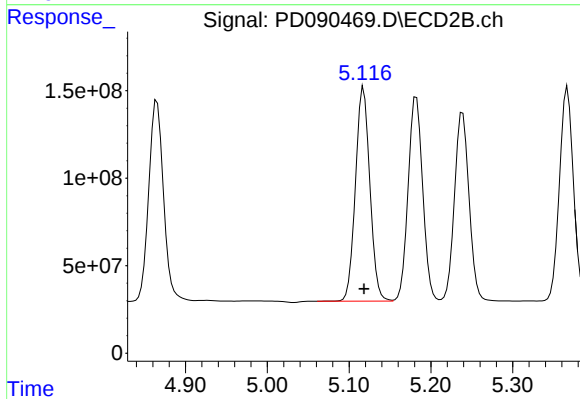
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1339090904
Conc: 38.70 ng/ml



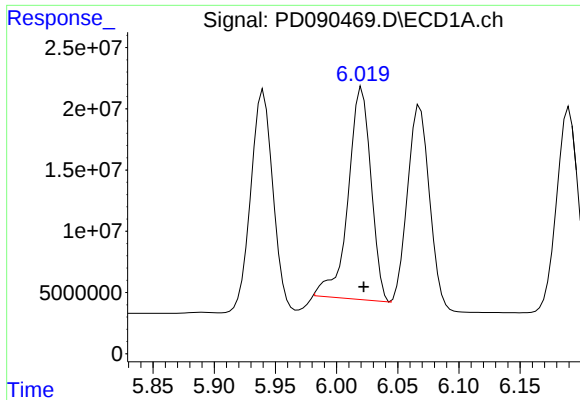
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 225606047
Conc: 39.50 ng/ml



#10 gamma-Chlordane

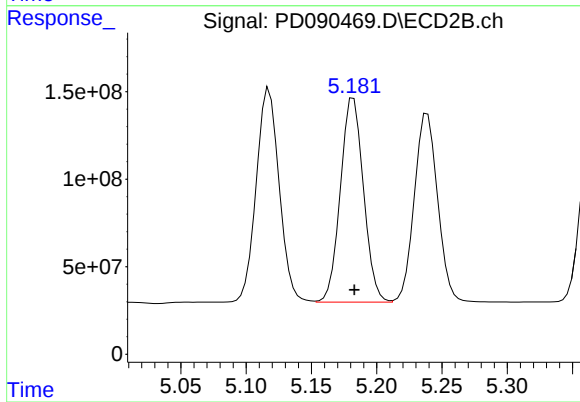
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1496476247
Conc: 38.09 ng/ml



#11 alpha-Chlordane

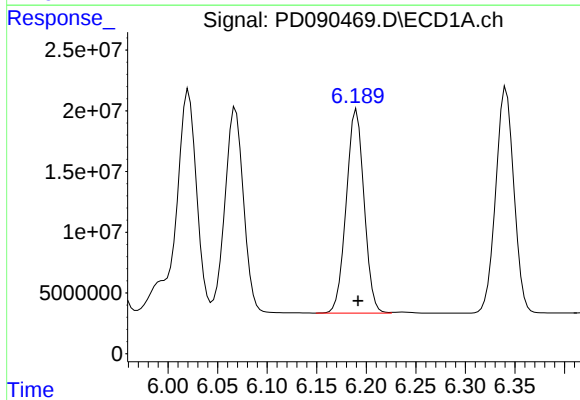
R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 224845613
Conc: 39.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



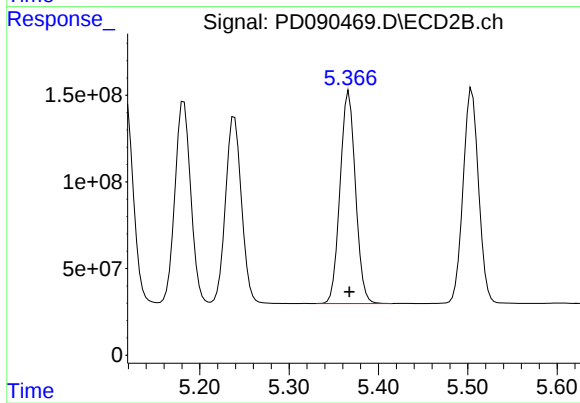
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1437330064
Conc: 38.16 ng/ml



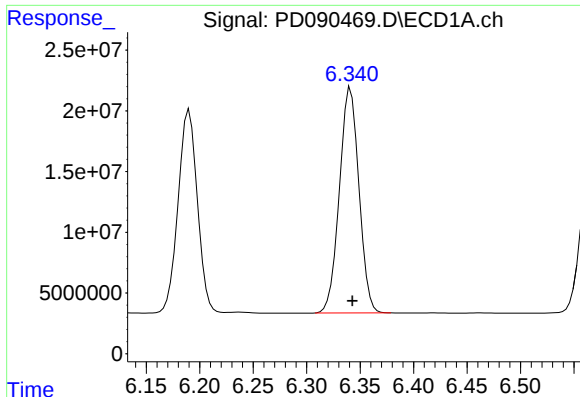
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 210177816
Conc: 40.36 ng/ml



#12 4,4'-DDE

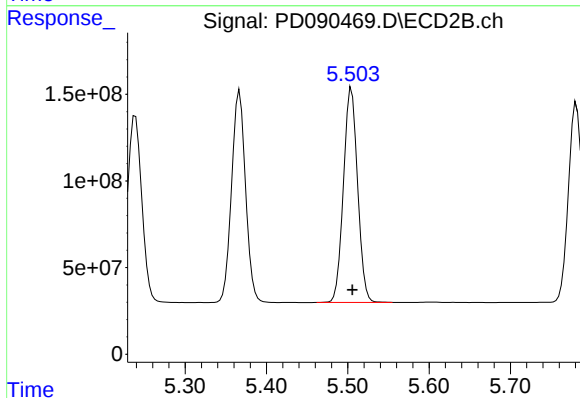
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 1466042566
Conc: 38.30 ng/ml



#13 Dieldrin

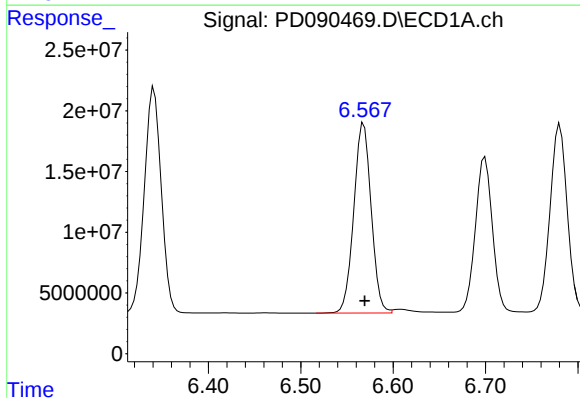
R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 236290291
Conc: 40.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



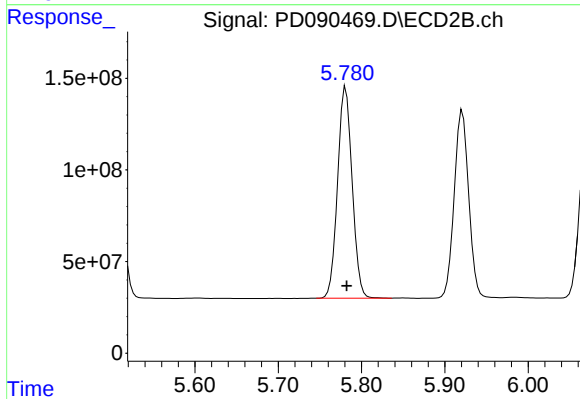
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 1493751239
Conc: 38.35 ng/ml



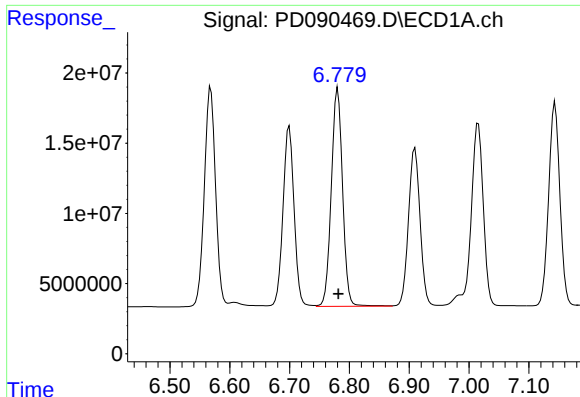
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 204473600
Conc: 41.78 ng/ml



#14 Endrin

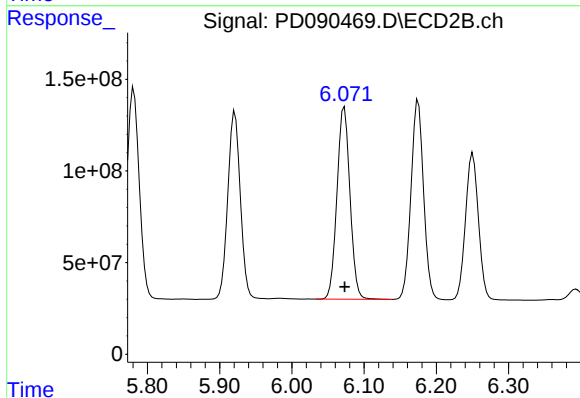
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1401625996
Conc: 39.12 ng/ml



#15 Endosulfan II

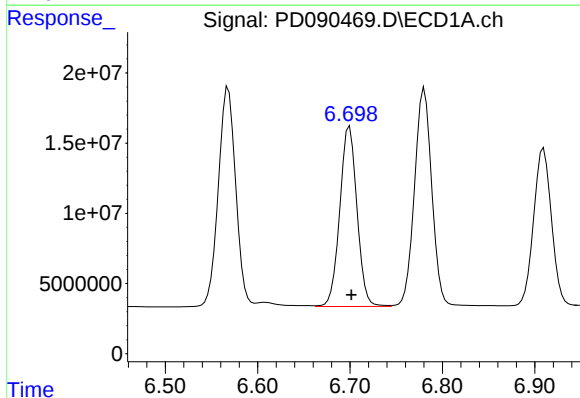
R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 203265534
Conc: 41.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



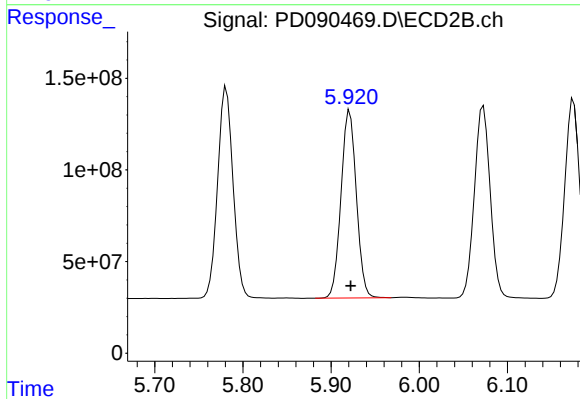
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1313145581
Conc: 38.91 ng/ml



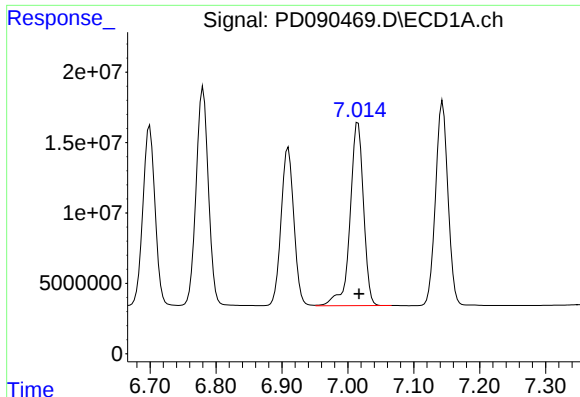
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 165975288
Conc: 40.50 ng/ml



#16 4,4'-DDD

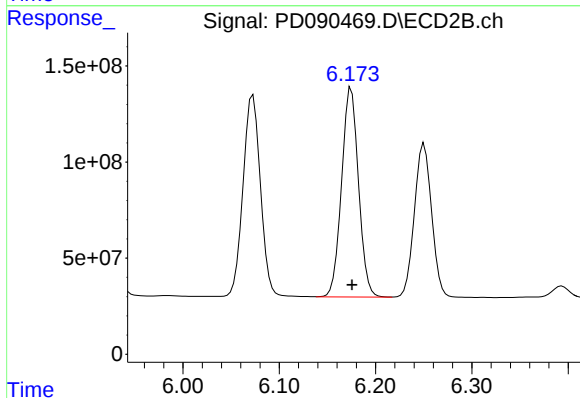
R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 1237173251
Conc: 38.15 ng/ml



#17 4,4'-DDT

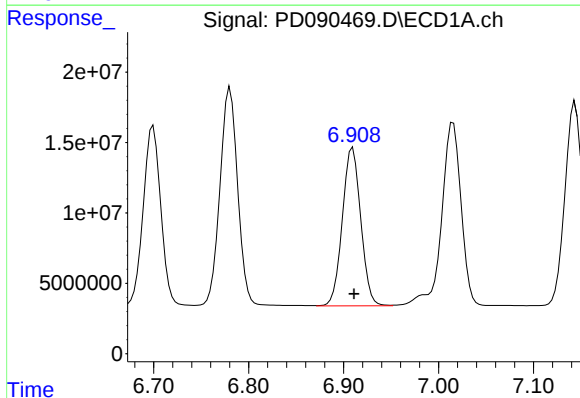
R.T.: 7.015 min
Delta R.T.: -0.001 min
Response: 184993567
Conc: 41.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



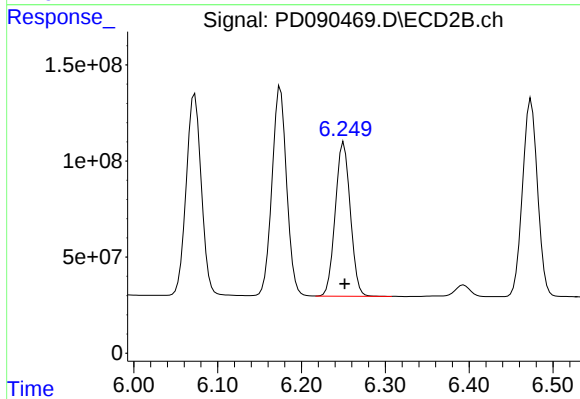
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1324034278
Conc: 38.51 ng/ml



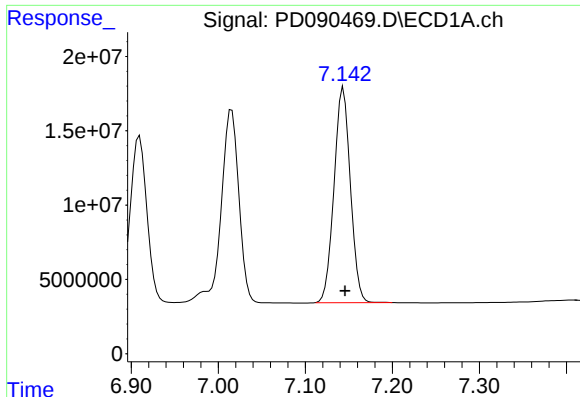
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: -0.001 min
Response: 151542789
Conc: 44.17 ng/ml



#18 Endrin aldehyde

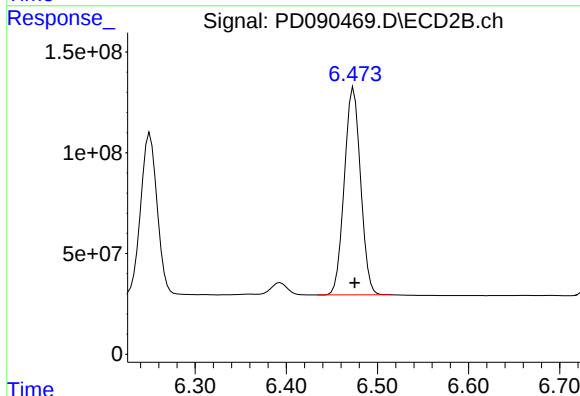
R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 996939849
Conc: 42.34 ng/ml



#19 Endosulfan Sulfate

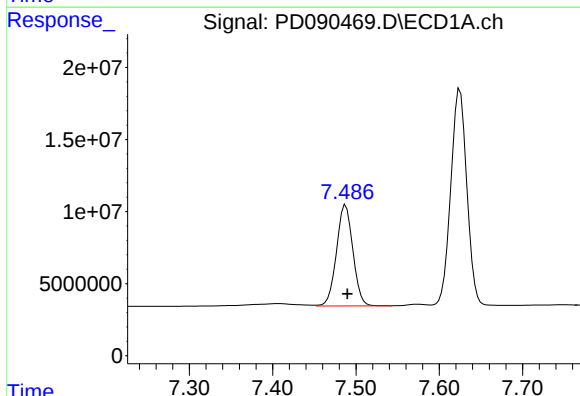
R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 189092429
Conc: 41.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



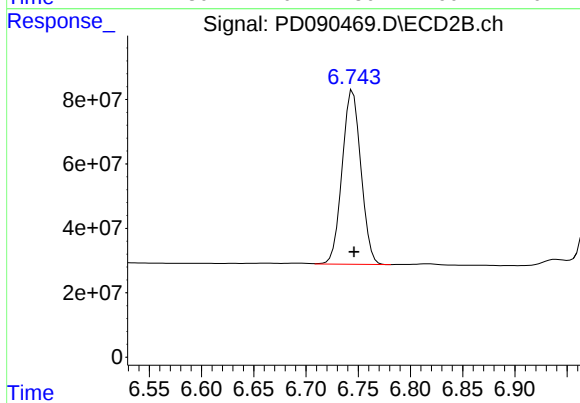
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1276296821
Conc: 39.04 ng/ml



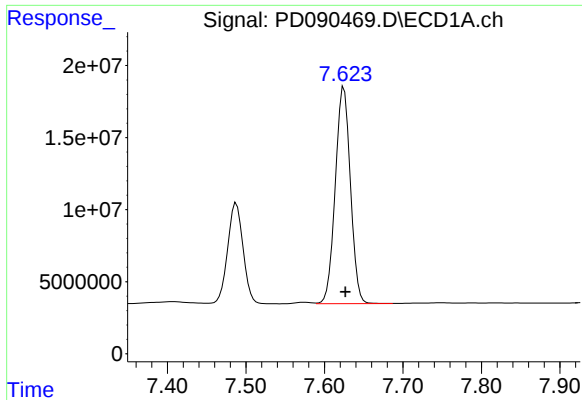
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 95744196
Conc: 40.63 ng/ml



#20 Methoxychlor

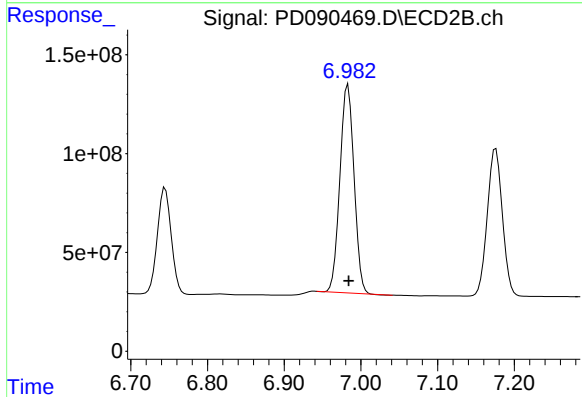
R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 675116635
Conc: 38.80 ng/ml



#21 Endrin ketone

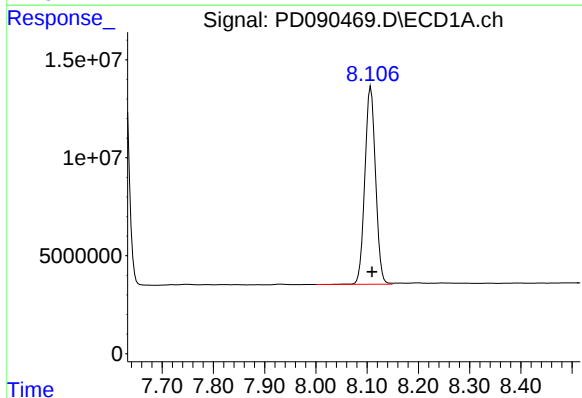
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 201813794
Conc: 40.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



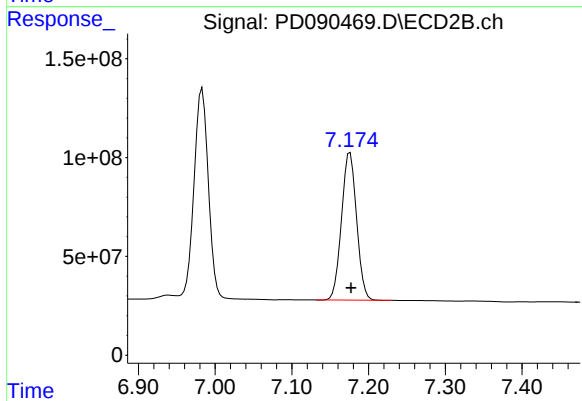
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1346147524
Conc: 37.29 ng/ml



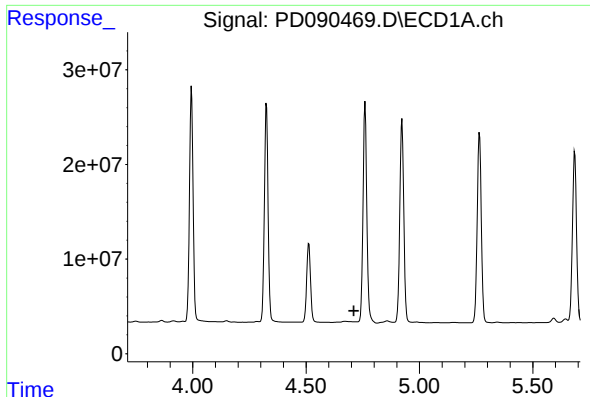
#22 Mirex

R.T.: 8.107 min
Delta R.T.: -0.002 min
Response: 146040363
Conc: 39.42 ng/ml



#22 Mirex

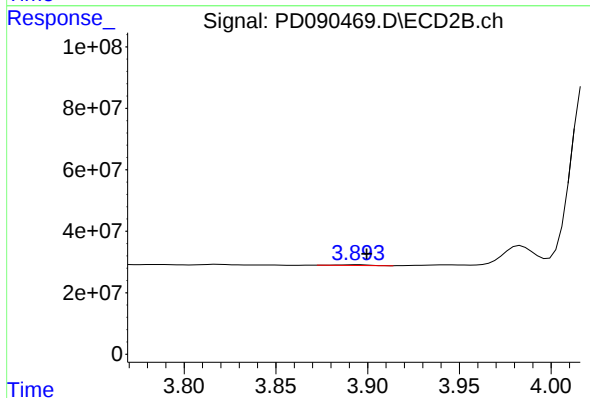
R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 1021137383
Conc: 36.99 ng/ml



#23 Chlordane-1

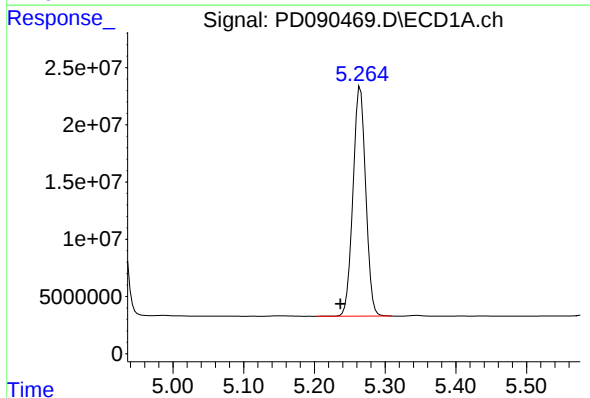
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



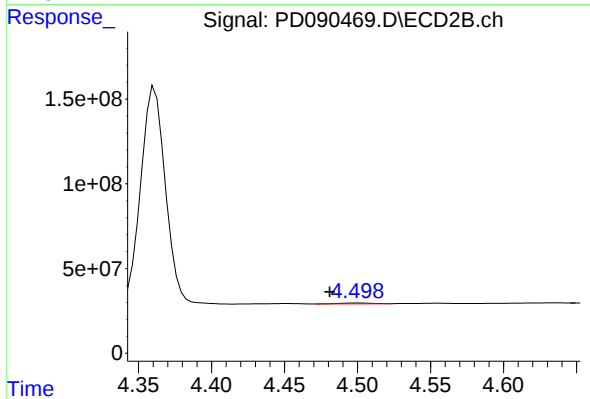
#23 Chlordane-1

R.T.: 3.895 min
Delta R.T.: -0.005 min
Response: 2688170
Conc: 2.23 ng/ml



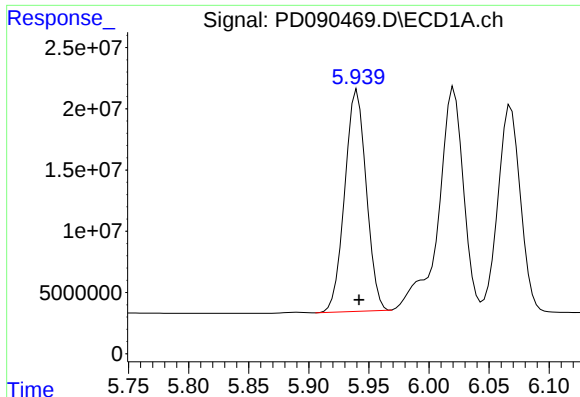
#24 Chlordane-2

R.T.: 5.265 min
Delta R.T.: 0.028 min
Response: 251640141
Conc: 1172.63 ng/ml



#24 Chlordane-2

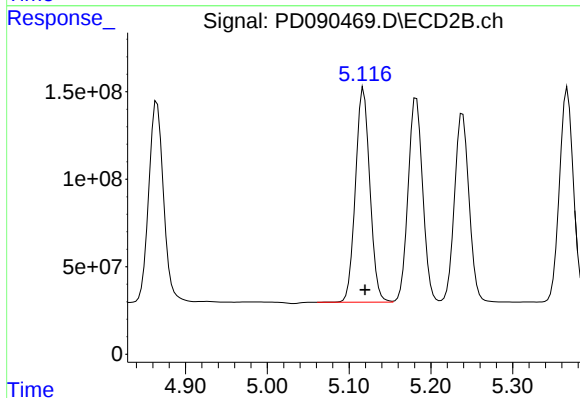
R.T.: 4.500 min
Delta R.T.: 0.018 min
Response: 8390039
Conc: 6.71 ng/ml



#25 Chlordane-3

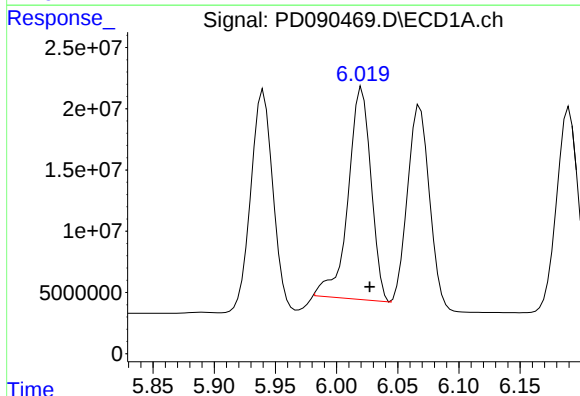
R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 225606047
Conc: 269.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



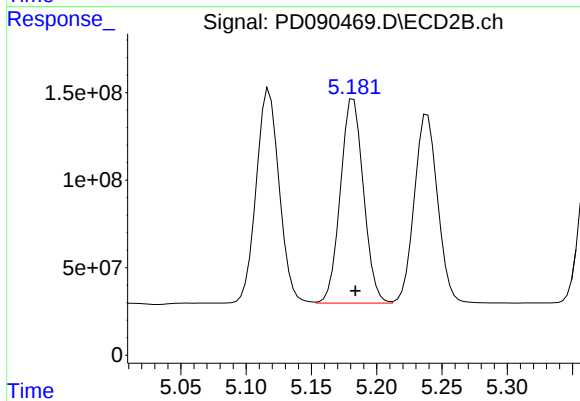
#25 Chlordane-3

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 1496476247
Conc: 394.79 ng/ml



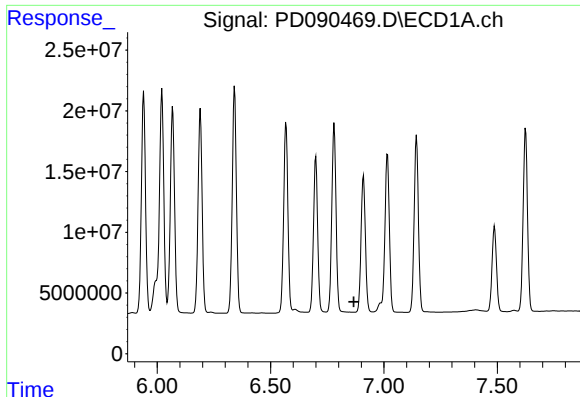
#26 Chlordane-4

R.T.: 6.021 min
Delta R.T.: -0.006 min
Response: 224845613
Conc: 220.32 ng/ml



#26 Chlordane-4

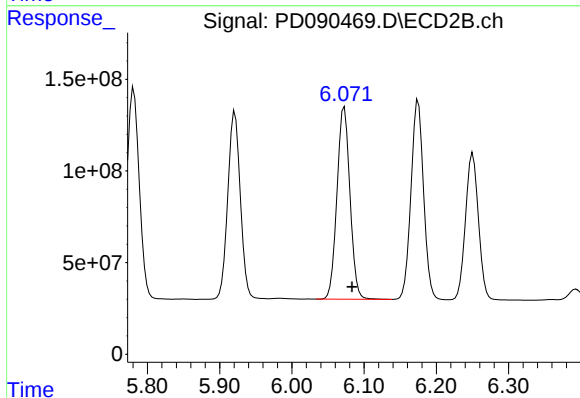
R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1437330064
Conc: 441.43 ng/ml



#27 Chlordane-5

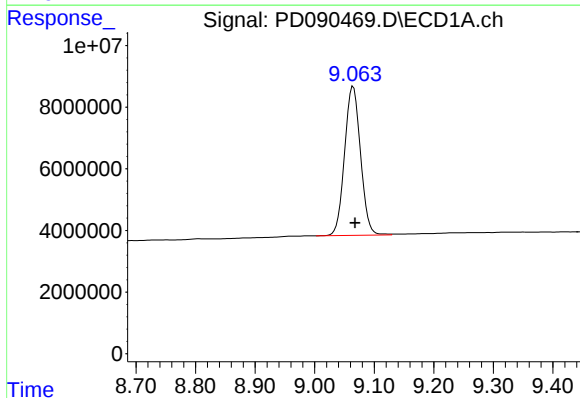
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



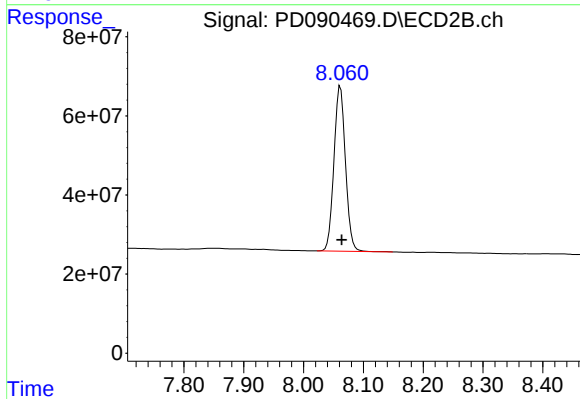
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.011 min
Response: 1313145581
Conc: 865.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 89844406
Conc: 18.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 558718796
Conc: 17.24 ng/ml