

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 13:16
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : (Sig #1); PEST LOD 2.5PPB (Sig #2)
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:03:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.550	2.878	50613015	422.6E6	17.246	19.165
2)	SA Decachlor...	9.071	8.066	80743683	508.4E6	18.708	19.641
Target Compounds							
2)	A alpha-BHC	3.998	3.390	13087143	102.9E6	2.180	3.031 #
3)	MA gamma-BHC...	4.329	3.726	13368566	92255165	2.334	2.960 #
4)	MA Heptachlor	4.927	4.079	14151044	93664282	2.523	3.003
5)	MB Aldrin	5.269	4.364	13698517	92159979	2.530	3.026
6)	B beta-BHC	4.516	4.022	6073289	40822693	2.708	3.062
7)	B delta-BHC	4.764	4.258	13377066	91951558	2.584	2.914
8)	B Heptachlo...	5.689	4.867	13352601	89709440	2.721	3.239
9)	A Endosulfan I	6.073	5.241	12549758	82541100	2.719	3.148
10)	B gamma-Chl...	5.944	5.120	12544643	96417897	2.565	3.256 #
11)	B alpha-Chl...	6.025	5.184	13209464	89578853	2.684	3.139
12)	B 4,4'-DDE	6.194	5.369	10975778	89149499	2.501	3.093
13)	MA Dieldrin	6.345	5.507	12521770	87760684	2.558	2.997
14)	MA Endrin	6.572	5.784	9789376	78397667	2.363	2.944
15)	B Endosulfa...	6.785	6.075	12190162	81349684	2.889	3.216
16)	A 4,4'-DDD	6.704	5.924	8976461	79047911	2.595	3.288 #
17)	MA 4,4'-DDT	7.019	6.177	8471207	62215342	2.224	2.482
18)	B Endrin al...	6.914	6.253	8991340	60097528	3.136	3.490
19)	B Endosulfa...	7.149	6.476	10783163	74950162	2.752	3.074
20)	A Methoxychlor	7.492	6.748	4699672	34348066	2.343	2.664
21)	B Endrin ke...	7.630	6.985	11465464	85592965	2.766	3.212
22)	Mirex	8.112	7.179	8579205	60653334	2.720	2.936
23)	Chlordane-1	0.000	3.901	0	361687	N.D.	0.407 #
24)	Chlordane-2	0.000	4.482	0	741229	N.D.	0.774 #
25)	Chlordane-3	5.944	5.120	12544643	96417897	18.497	34.796 #
26)	Chlordane-4	6.025	5.184	13209464	89578853	15.910	37.217 #
27)	Chlordane-5	0.000	6.075	0	81349684	N.D.	73.956 #

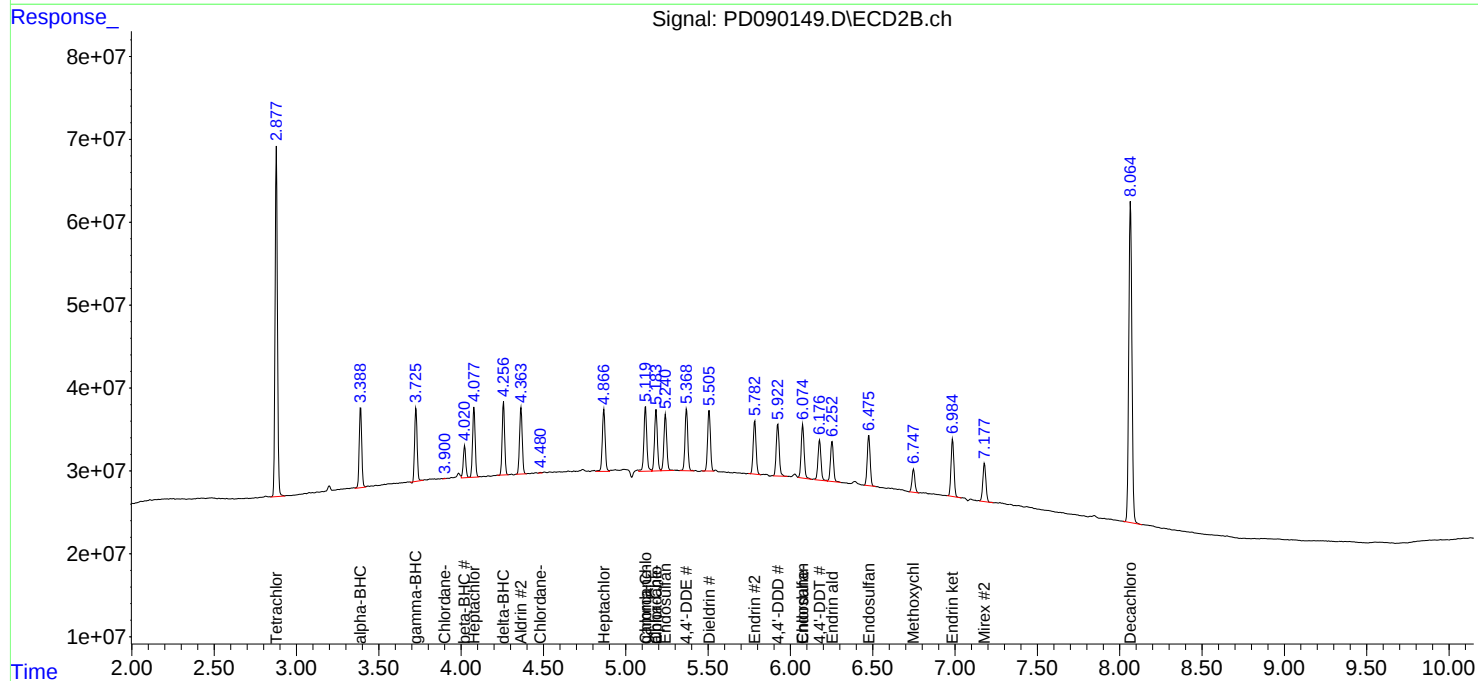
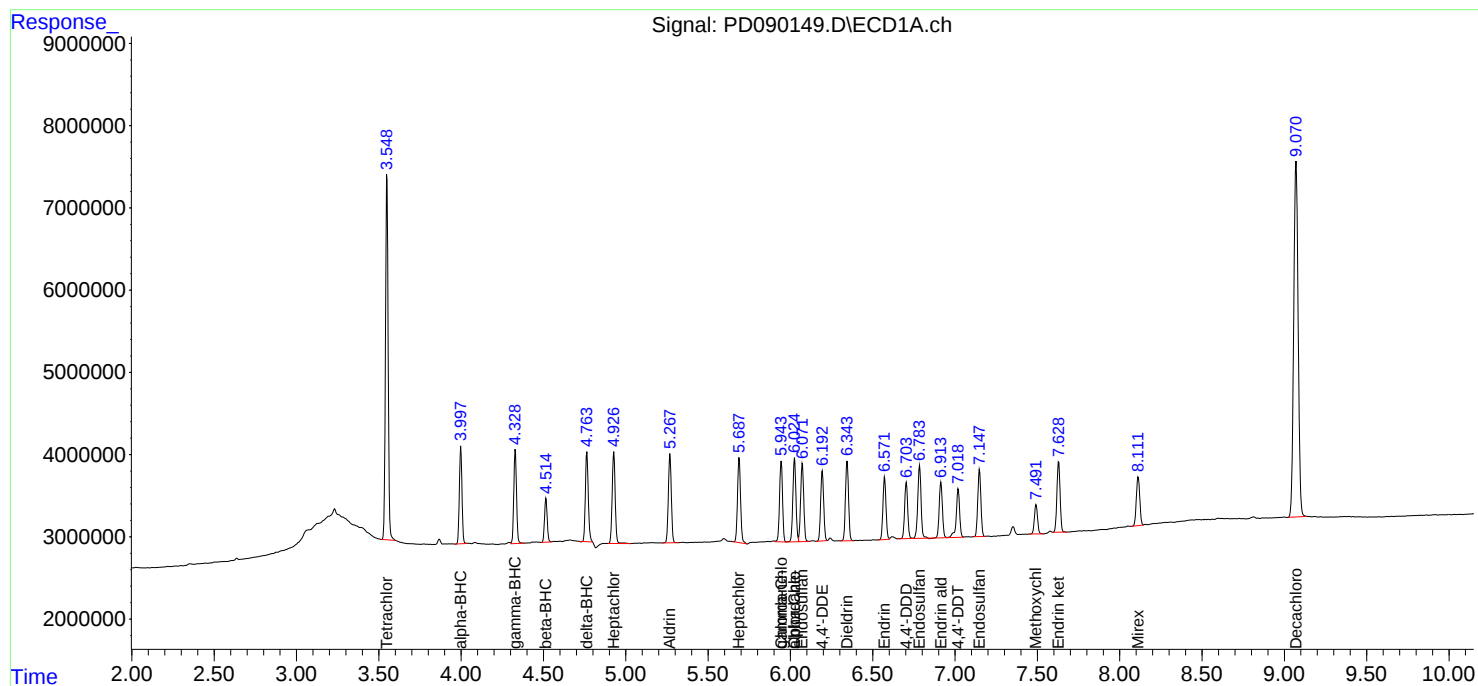
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

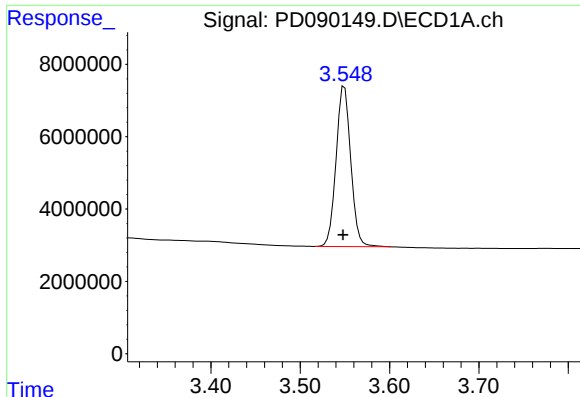
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 13:16
Operator : AR\AJ
Sample : Q2893-07
Misc : (Sig #1); PEST LOD 2.5PPB (Sig #2)
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:03:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

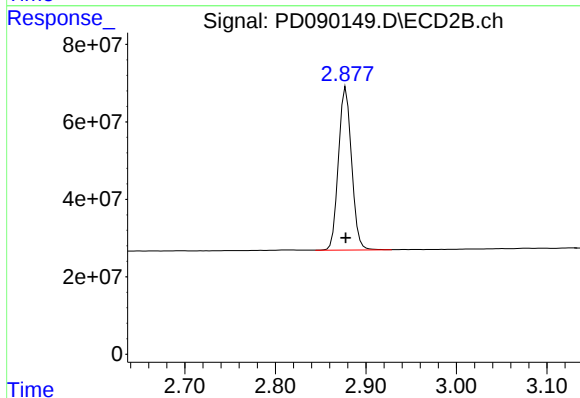




#1 Tetrachloro-m-xylene

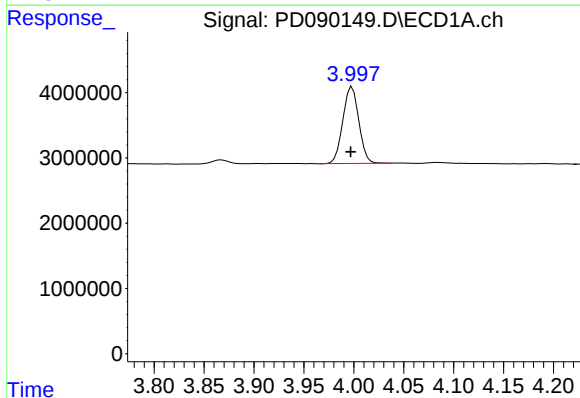
R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 50613015
Conc: 17.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



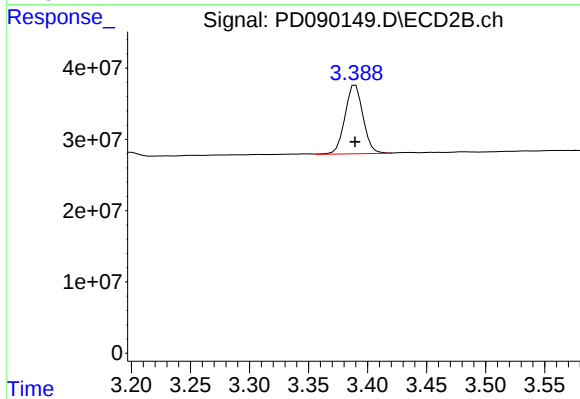
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 422589683
Conc: 19.16 ng/ml



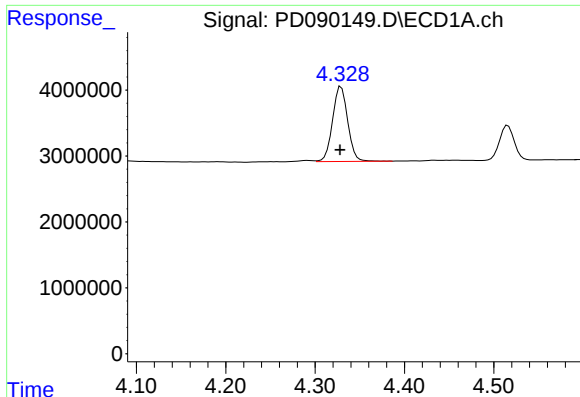
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 13087143
Conc: 2.18 ng/ml



#2 alpha-BHC

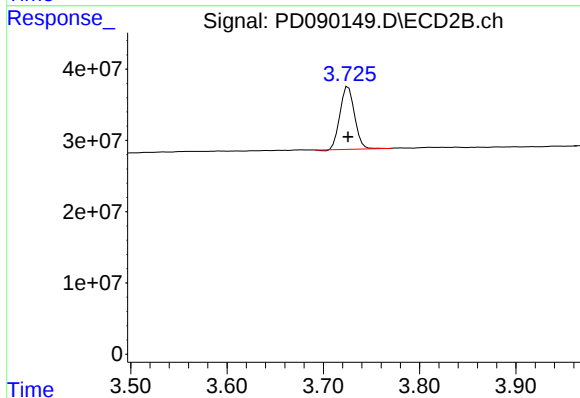
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 102882206
Conc: 3.03 ng/ml



#3 gamma-BHC (Lindane)

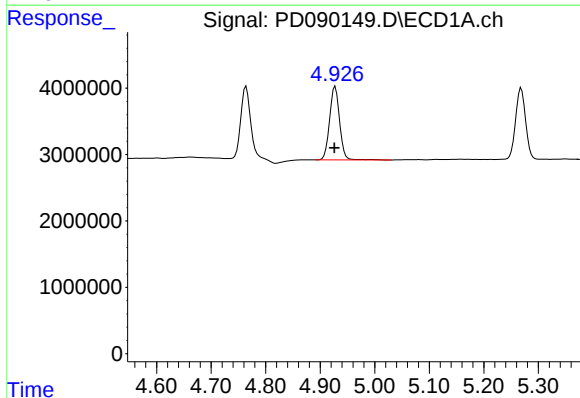
R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 13368566
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



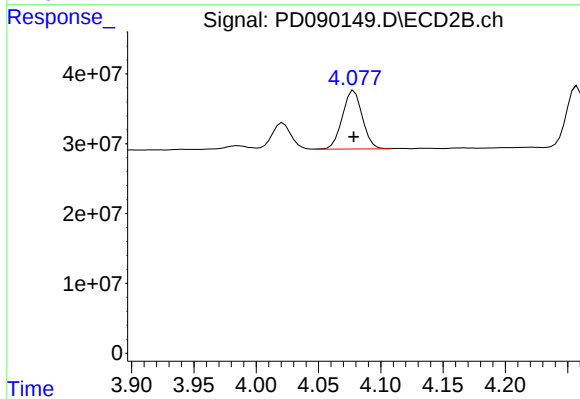
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 92255165
Conc: 2.96 ng/ml



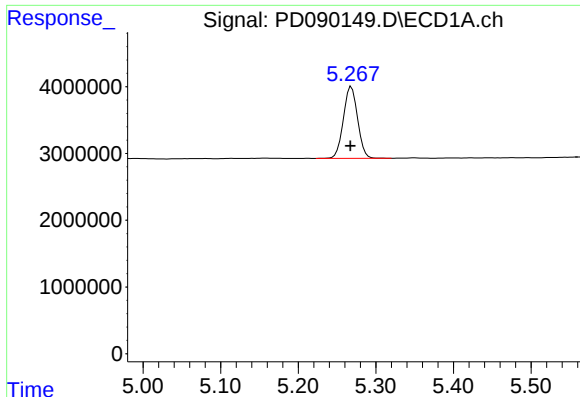
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 14151044
Conc: 2.52 ng/ml



#4 Heptachlor

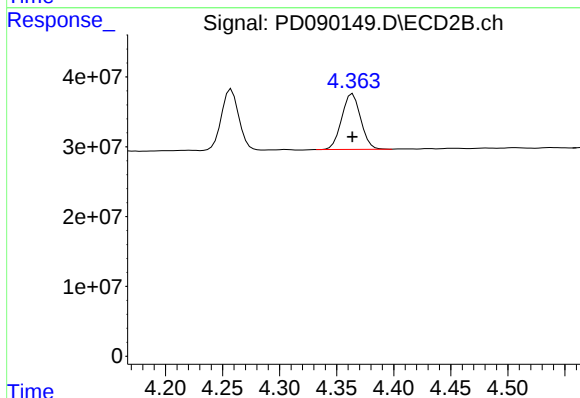
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 93664282
Conc: 3.00 ng/ml



#5 Aldrin

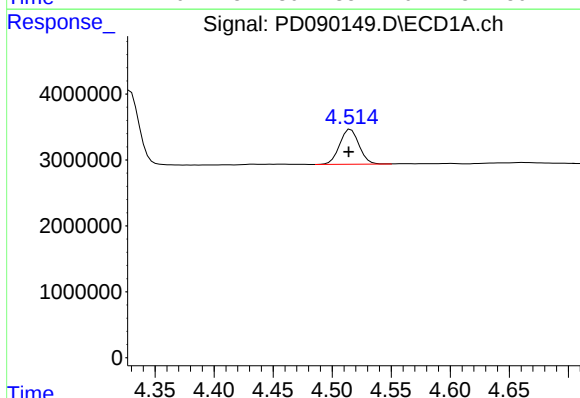
R.T.: 5.269 min
Delta R.T.: 0.001 min
Response: 13698517
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



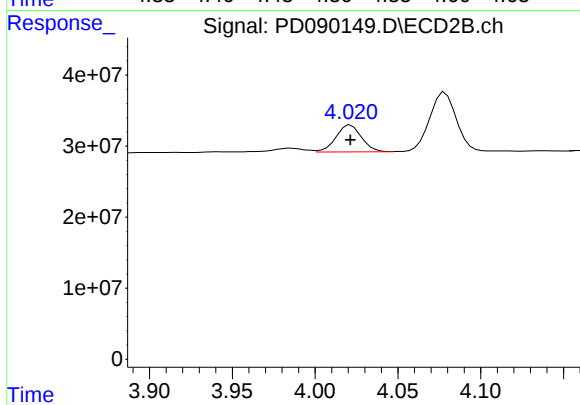
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 92159979
Conc: 3.03 ng/ml



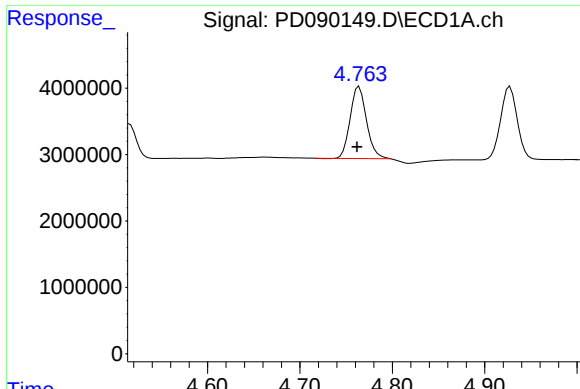
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 6073289
Conc: 2.71 ng/ml



#6 beta-BHC

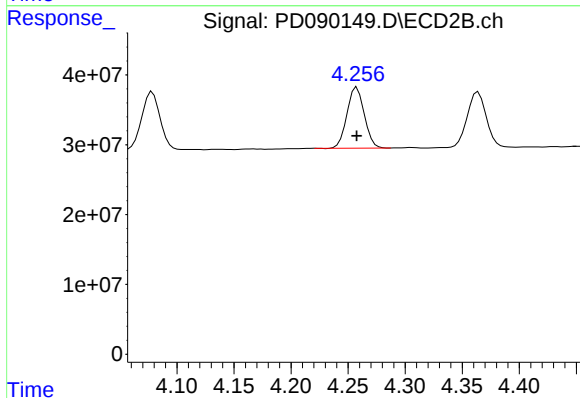
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 40822693
Conc: 3.06 ng/ml



#7 delta-BHC

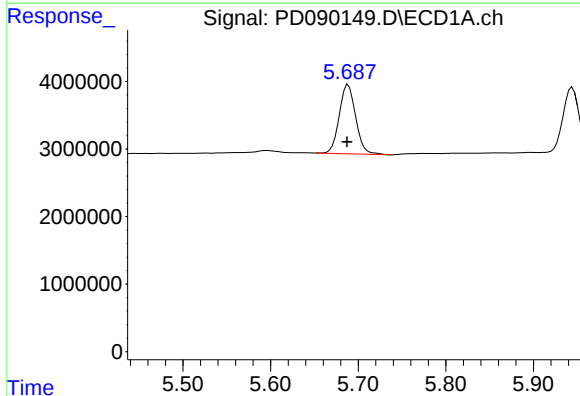
R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 13377066
Conc: 2.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



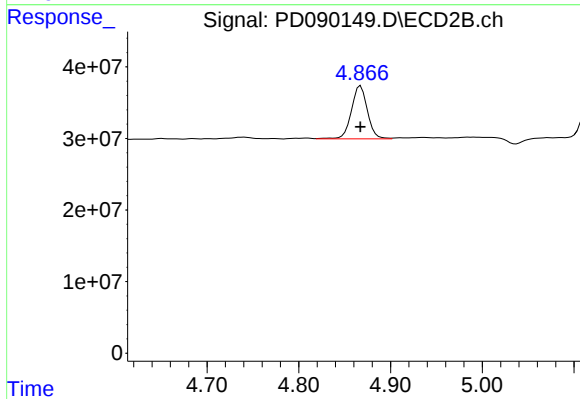
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 91951558
Conc: 2.91 ng/ml



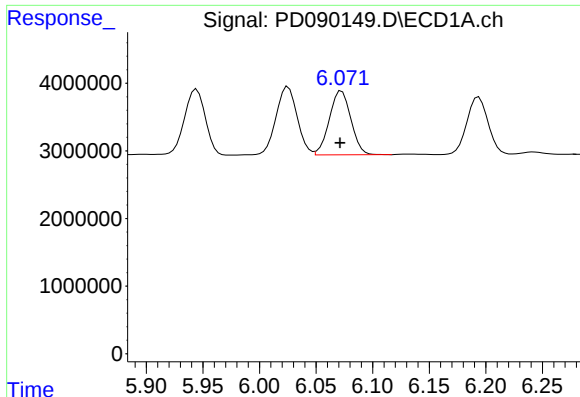
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 13352601
Conc: 2.72 ng/ml



#8 Heptachlor epoxide

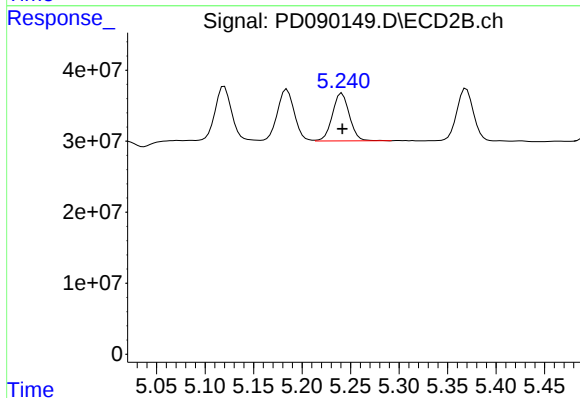
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 89709440
Conc: 3.24 ng/ml



#9 Endosulfan I

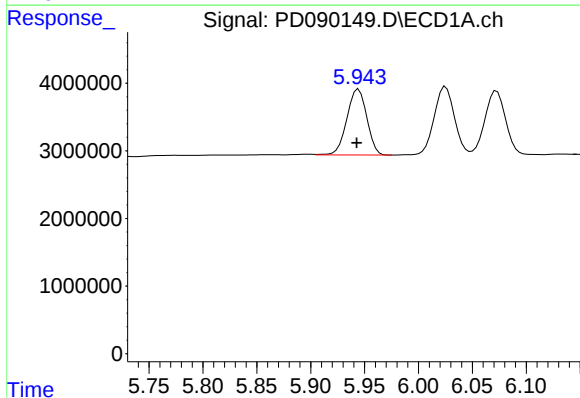
R.T.: 6.073 min
Delta R.T.: 0.001 min
Response: 12549758
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



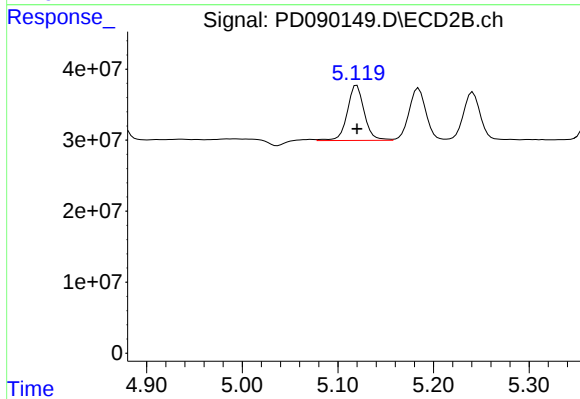
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 82541100
Conc: 3.15 ng/ml



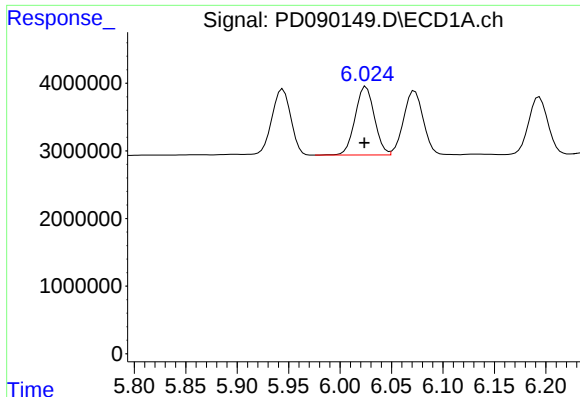
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 12544643
Conc: 2.56 ng/ml



#10 gamma-Chlordane

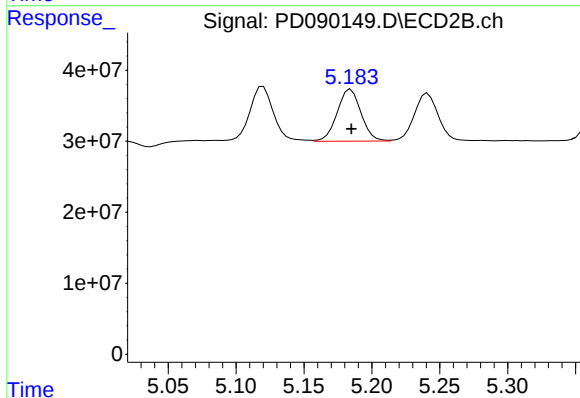
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 96417897
Conc: 3.26 ng/ml



#11 alpha-Chlordane

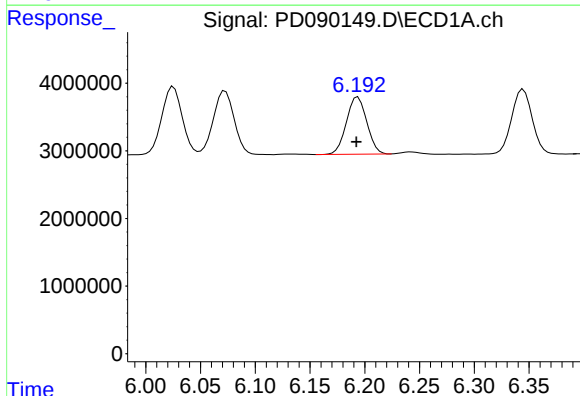
R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 13209464
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



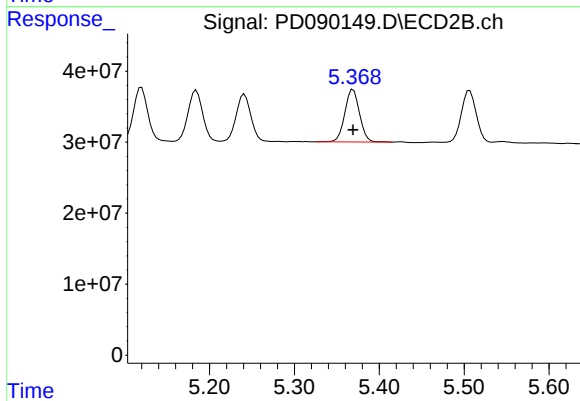
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 89578853
Conc: 3.14 ng/ml



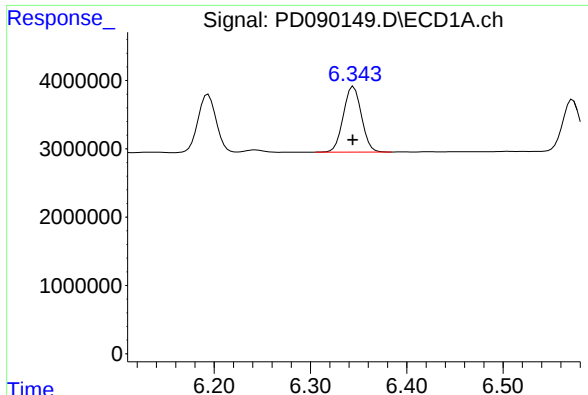
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 10975778
Conc: 2.50 ng/ml



#12 4,4'-DDE

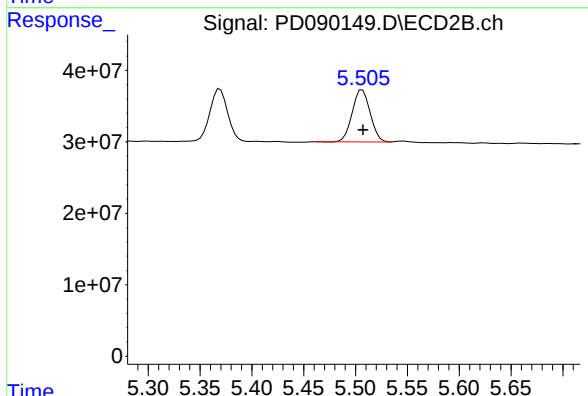
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 89149499
Conc: 3.09 ng/ml



#13 Dieldrin

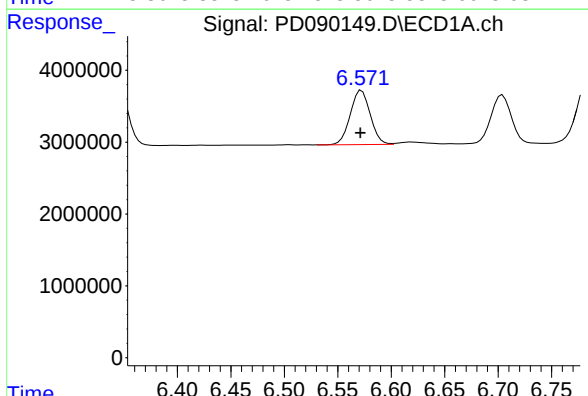
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 12521770
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



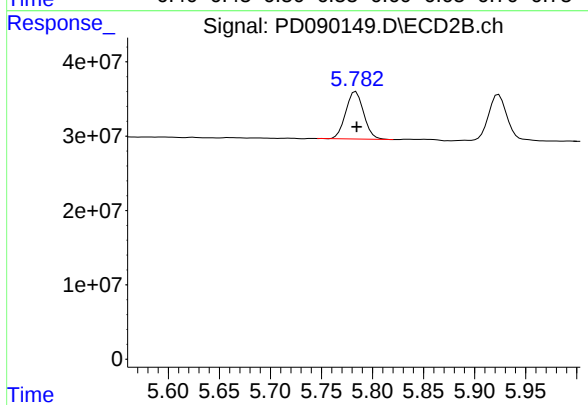
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 87760684
Conc: 3.00 ng/ml



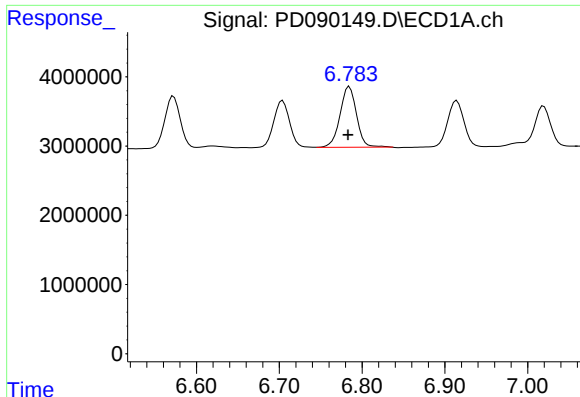
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 9789376
Conc: 2.36 ng/ml



#14 Endrin

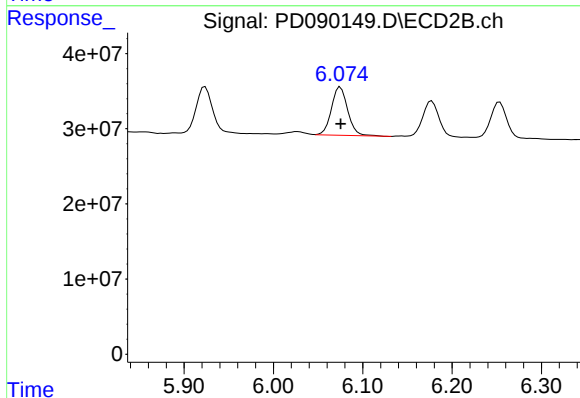
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 78397667
Conc: 2.94 ng/ml



#15 Endosulfan II

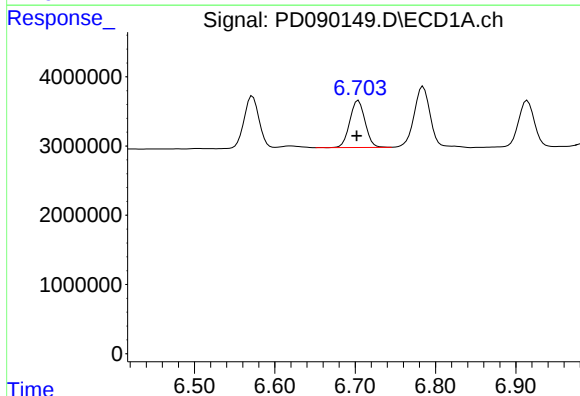
R.T.: 6.785 min
Delta R.T.: 0.002 min
Response: 12190162
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



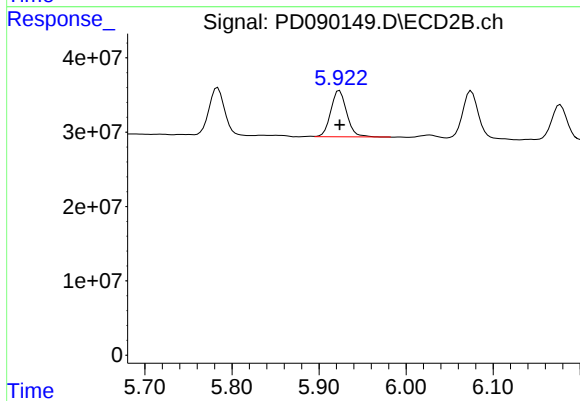
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 81349684
Conc: 3.22 ng/ml



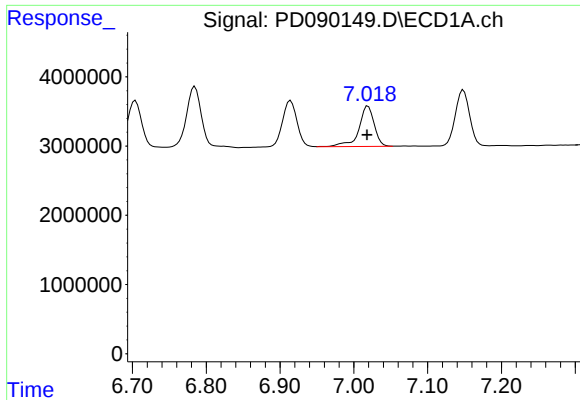
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 8976461
Conc: 2.60 ng/ml



#16 4,4'-DDD

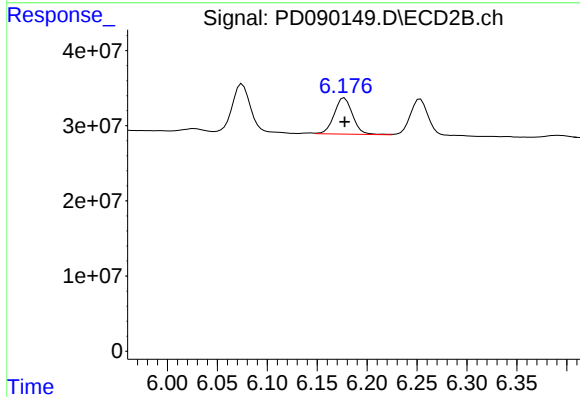
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 79047911
Conc: 3.29 ng/ml



#17 4,4'-DDT

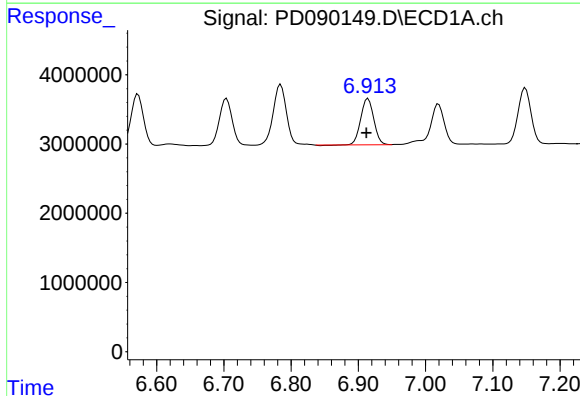
R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 8471207
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



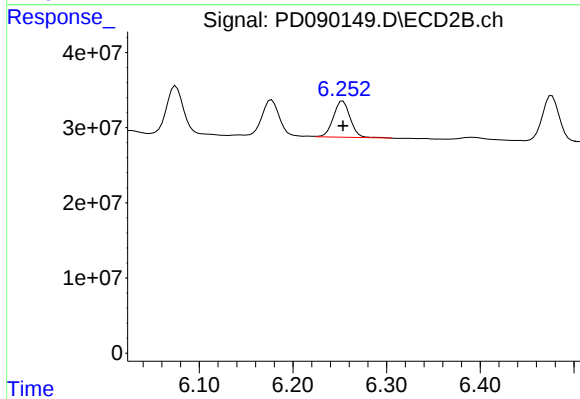
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 62215342
Conc: 2.48 ng/ml



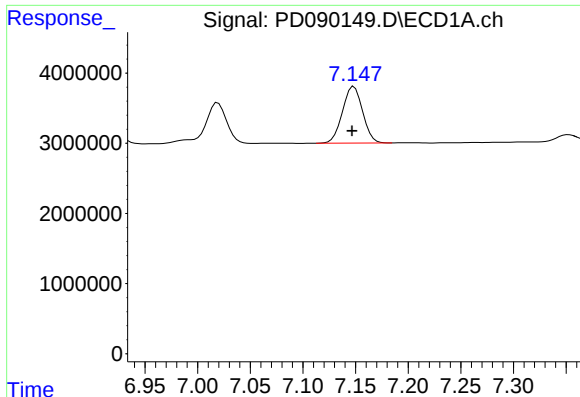
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 8991340
Conc: 3.14 ng/ml



#18 Endrin aldehyde

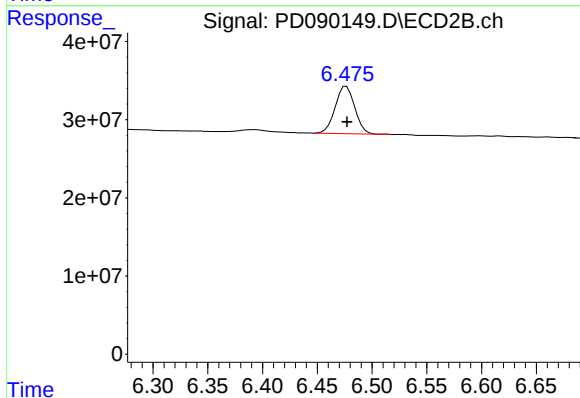
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 60097528
Conc: 3.49 ng/ml



#19 Endosulfan Sulfate

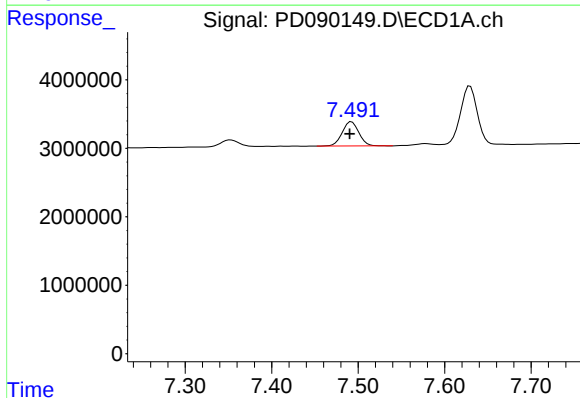
R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 10783163
Conc: 2.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



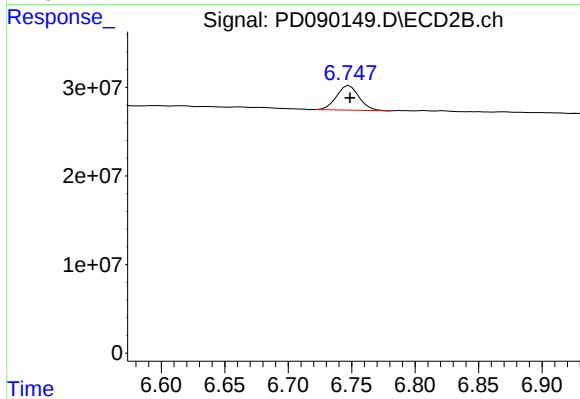
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 74950162
Conc: 3.07 ng/ml



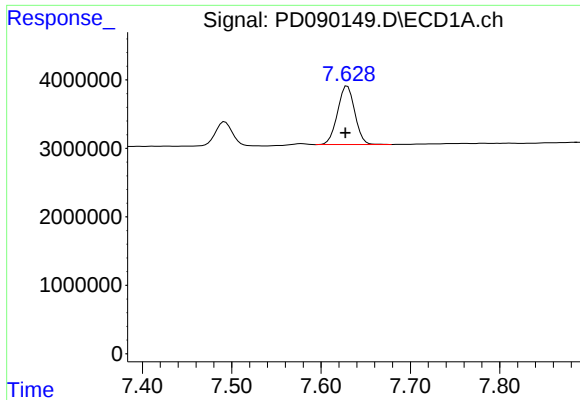
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 4699672
Conc: 2.34 ng/ml



#20 Methoxychlor

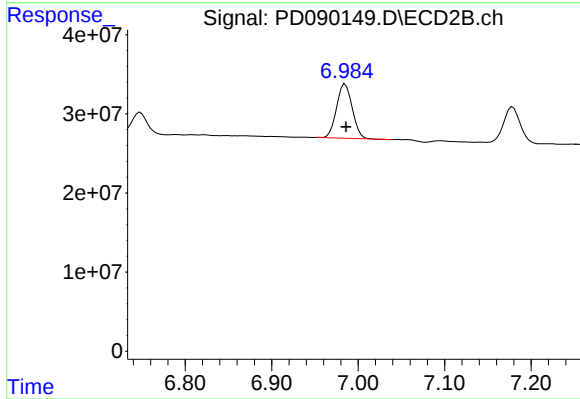
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 34348066
Conc: 2.66 ng/ml



#21 Endrin ketone

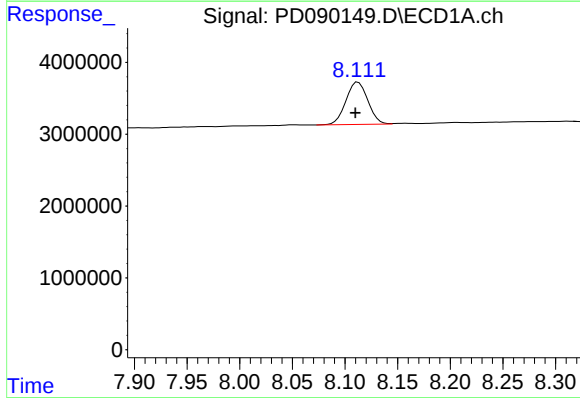
R.T.: 7.630 min
Delta R.T.: 0.002 min
Response: 11465464
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



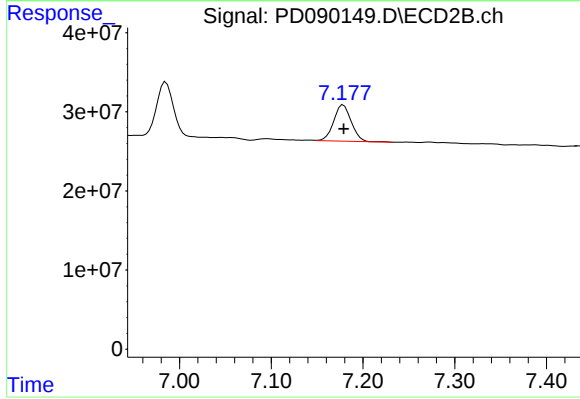
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.001 min
Response: 85592965
Conc: 3.21 ng/ml



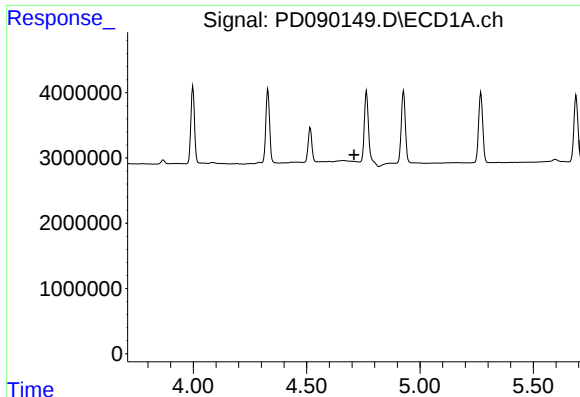
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.003 min
Response: 8579205
Conc: 2.72 ng/ml



#22 Mirex

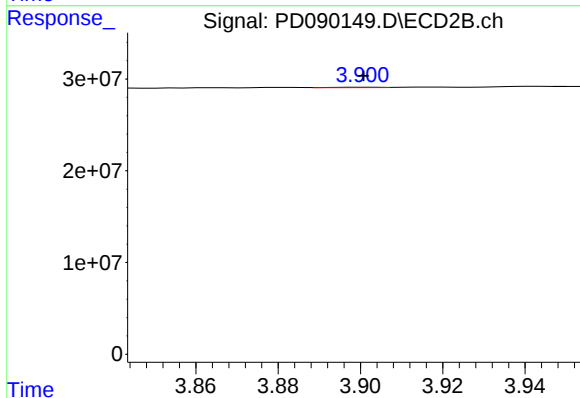
R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 60653334
Conc: 2.94 ng/ml



#23 Chlordane-1

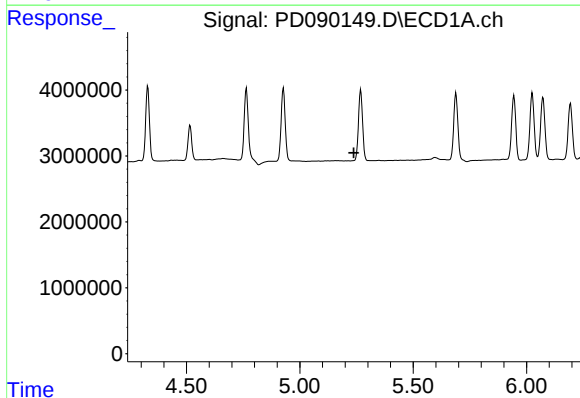
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



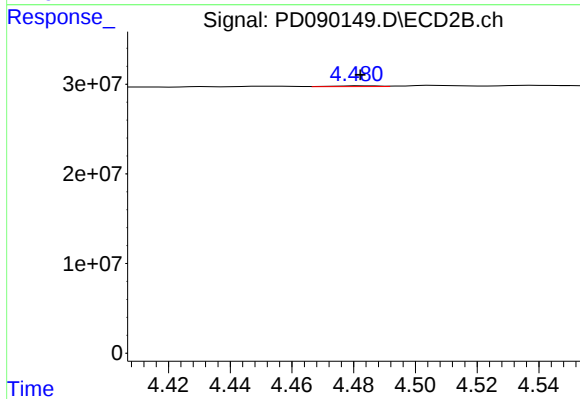
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 361687
Conc: 0.41 ng/ml



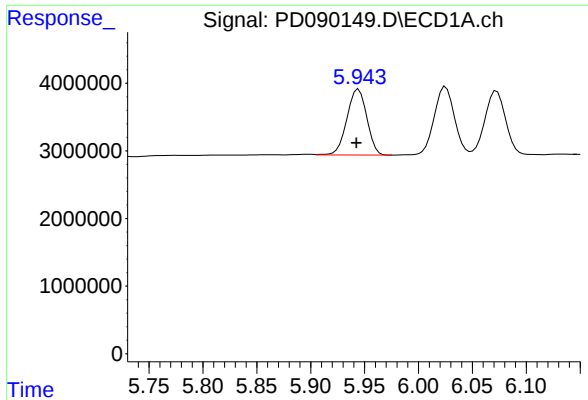
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

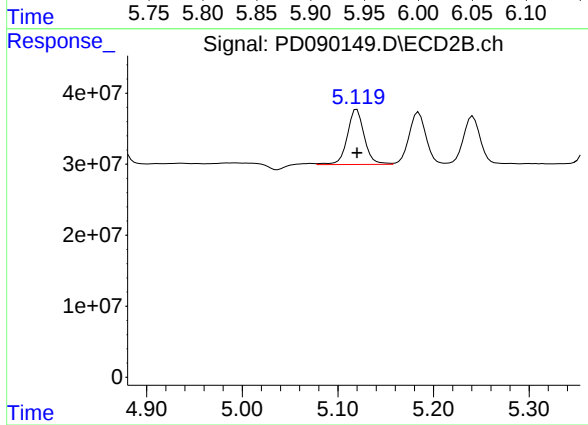
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 741229
Conc: 0.77 ng/ml



#25 Chlordane-3

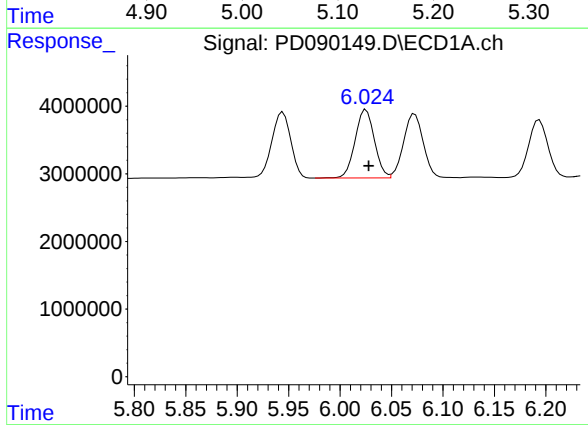
R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 12544643
Conc: 18.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



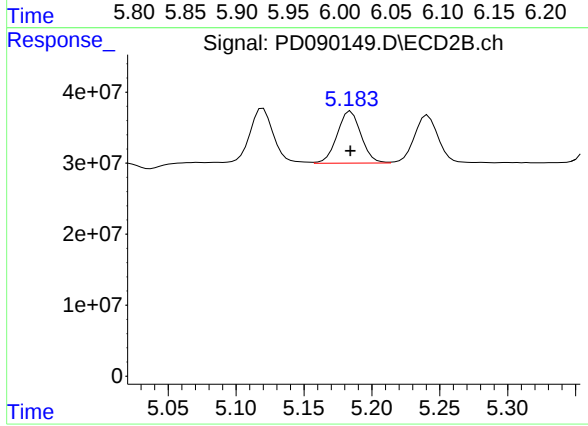
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 96417897
Conc: 34.80 ng/ml



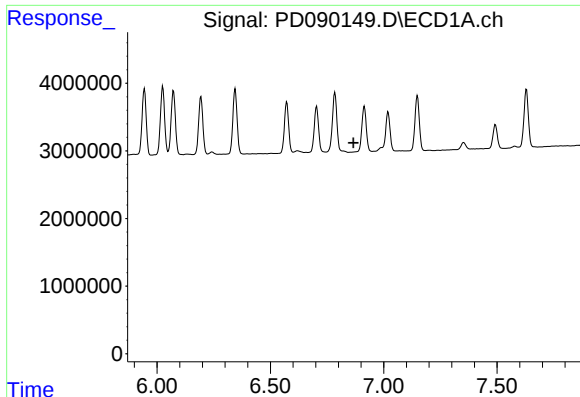
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.002 min
Response: 13209464
Conc: 15.91 ng/ml



#26 Chlordane-4

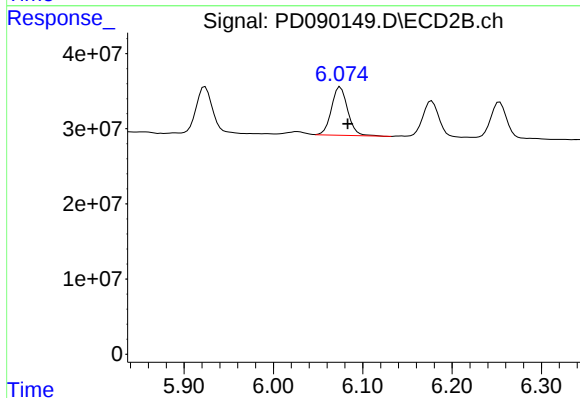
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 89578853
Conc: 37.22 ng/ml



#27 Chlordane-5

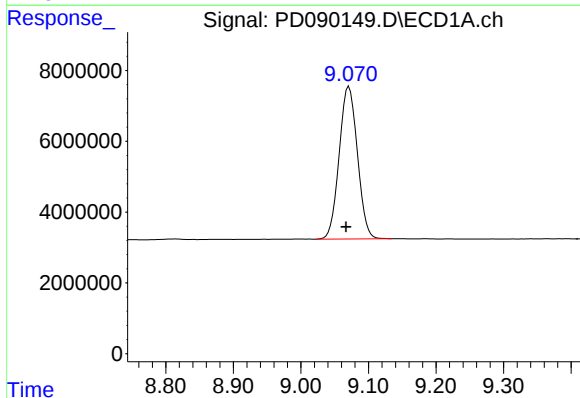
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



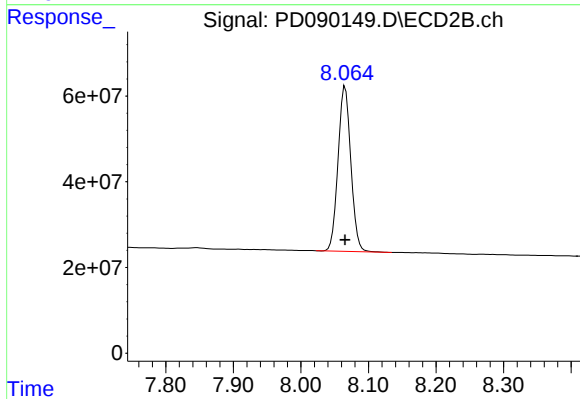
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.008 min
Response: 81349684
Conc: 73.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 80743683
Conc: 18.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 508433225
Conc: 19.64 ng/ml