

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
 Data File : PD090572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 10:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 07:35:57 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...	3.544	2.874	51435676	466.0E6	15.824	16.977
28)	SA Decachlor...	9.065	8.061	77539469	547.1E6	16.070	16.879
Target Compounds							
2)	A alpha-BHC	3.994	3.386	47753749	386.9E6	6.837	8.837 #
3)	MA gamma-BHC...	4.324	3.722	47008789	361.4E6	7.104	8.871
4)	MA Heptachlor	4.949f	4.067	952526	1451493	0.144	0.036 #
5)	MB Aldrin	0.000	4.359	0	2745386	N.D.	0.069 #
6)	B beta-BHC	4.512	4.018	20235321	154.6E6	7.843	8.918
7)	B delta-BHC	4.770	4.255	1034003	1775546	0.160	0.043 #
8)	B Heptachlo...	5.676	4.890f	2351149	20669167	0.411	0.561 #
10)	B gamma-Chl...	5.935	5.117	50637	19396173	0.009	0.494 #
11)	B alpha-Chl...	5.995f	5.192	3014228	18955327	0.523	0.503
12)	B 4,4'-DDE	6.189	5.367	529395	8590587	0.102	0.224 #
13)	MA Dieldrin	6.362f	5.501	916555	406059	0.159	0.010 #
14)	MA Endrin	6.569	5.780	182.4E6	1477.0E6	37.264	41.221
15)	B Endosulfa...	6.802f	6.076	6006769	8784527	1.231	0.260 #
16)	A 4,4'-DDD	6.700	5.921	8828639	34420432	2.154	1.061 #
17)	MA 4,4'-DDT	7.016	6.174	311.5E6	2636.6E6	69.957	76.691
18)	B Endrin al...	6.915	6.247	3995972	15110618	1.165	0.642 #
19)	B Endosulfa...	0.000	6.467	0	2284196	N.D.	0.070 #
20)	A Methoxychlor	7.489	6.743	375.4E6	2625.7E6	159.295	150.902
21)	B Endrin ke...	7.625	6.981	3197729	18463434	0.646	0.511
22)	Mirex	0.000	7.168	0	9865797	N.D.	0.357 #
23)	Chlordane-1	0.000	3.891	0	569511	N.D.	0.473 #
24)	Chlordane-2	0.000	4.490	0	24183957	N.D.	19.340 #
25)	Chlordane-3	5.935	5.117	50637	19396173	0.060	5.117 #
26)	Chlordane-4	0.000	5.192	0	18955327	N.D.	5.822 #
27)	Chlordane-5	6.873	6.076	1588965	8784527	8.925	5.788 #

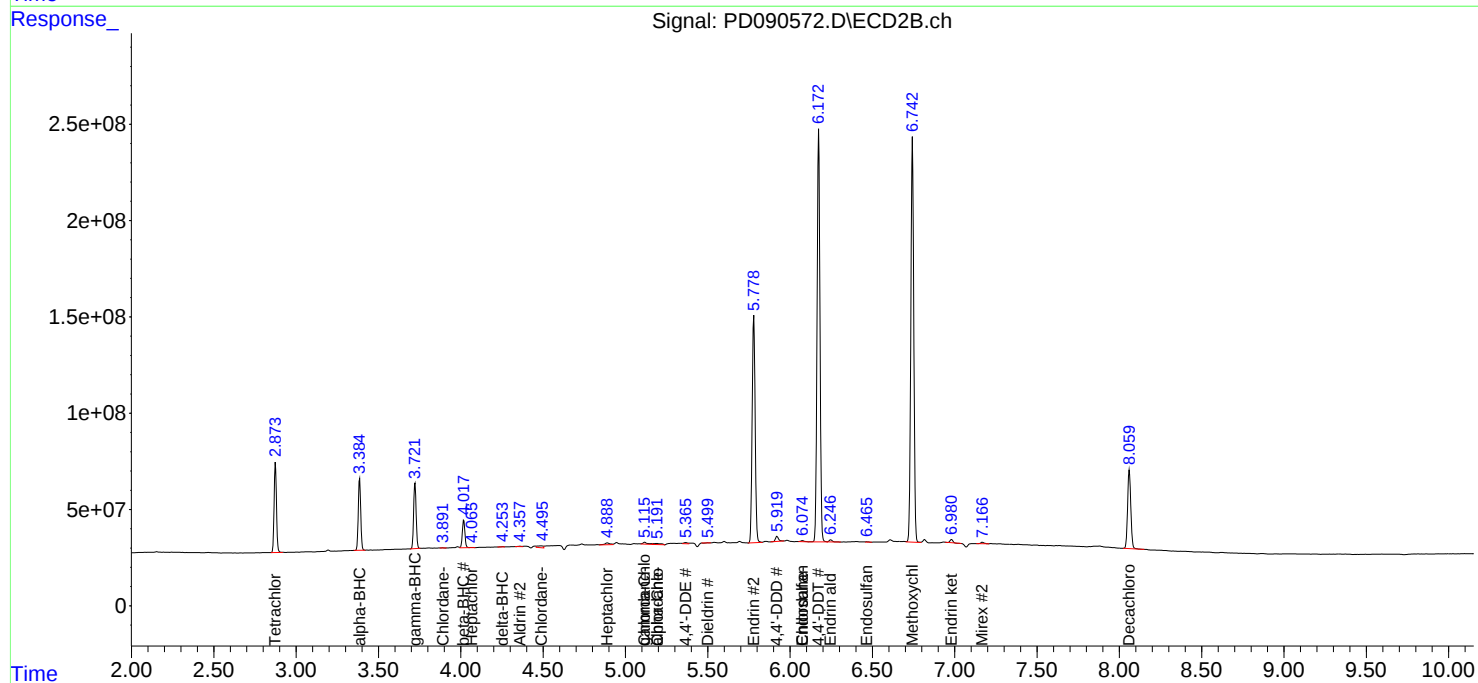
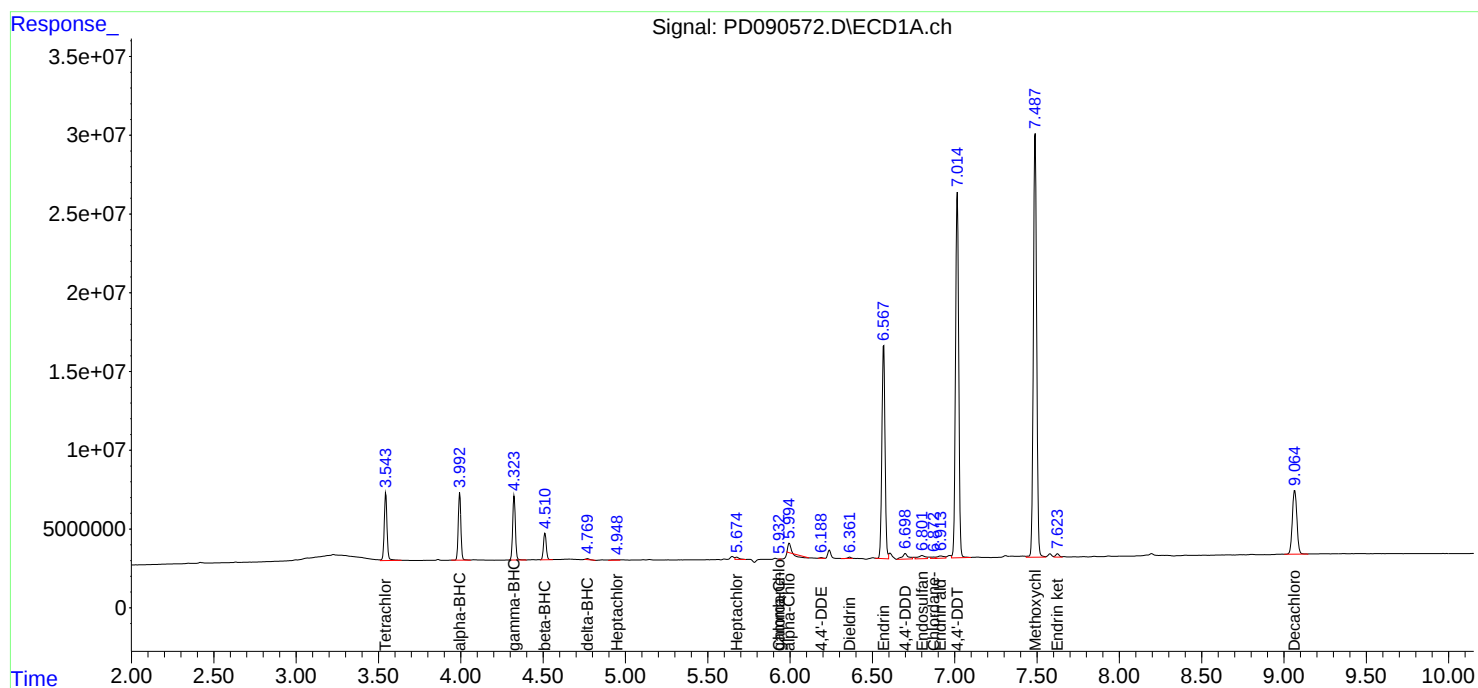
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

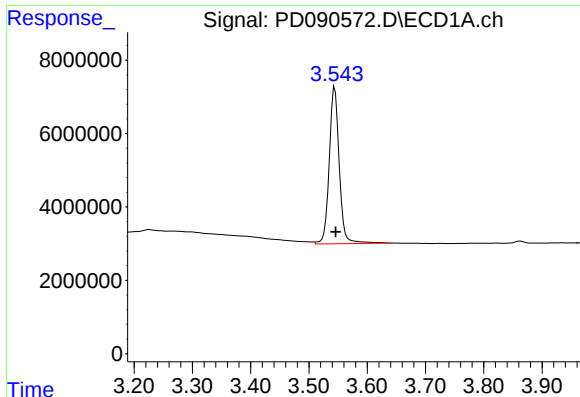
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 10:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:35:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
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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

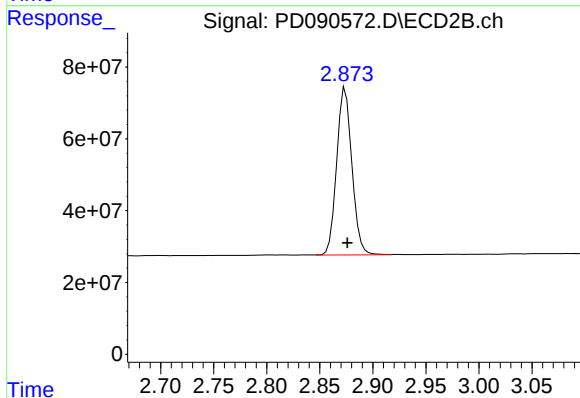




#1 Tetrachloro-m-xylene

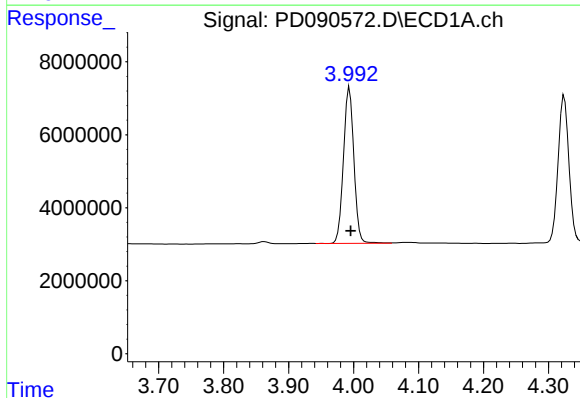
R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 51435676
Conc: 15.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



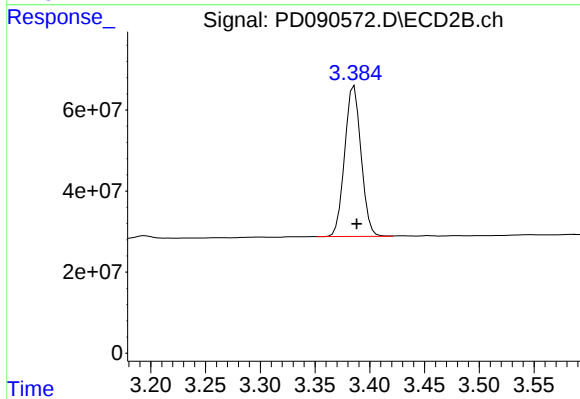
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 466015756
Conc: 16.98 ng/ml



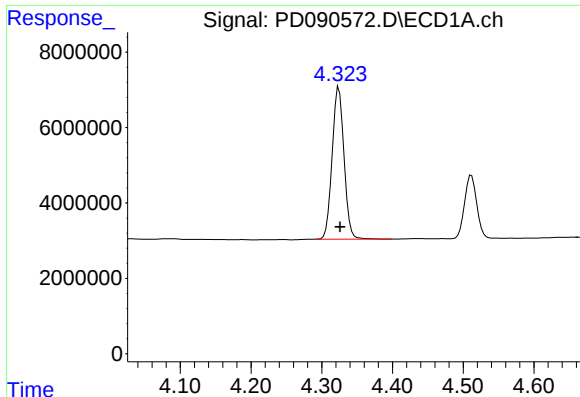
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 47753749
Conc: 6.84 ng/ml



#2 alpha-BHC

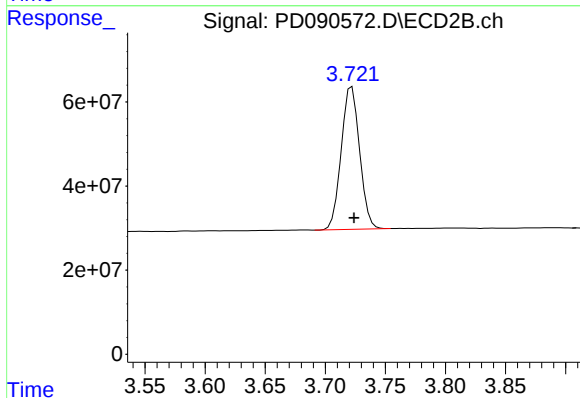
R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 386910210
Conc: 8.84 ng/ml



#3 gamma-BHC (Lindane)

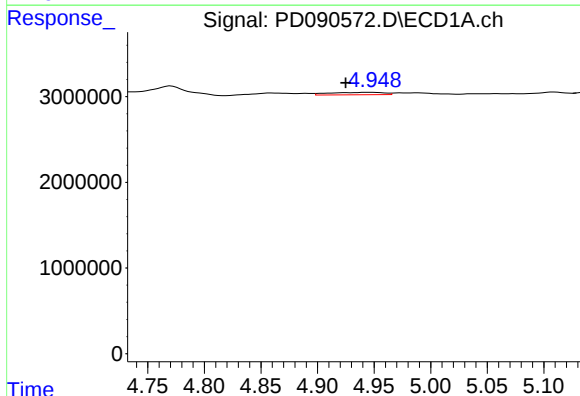
R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 47008789
Conc: 7.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



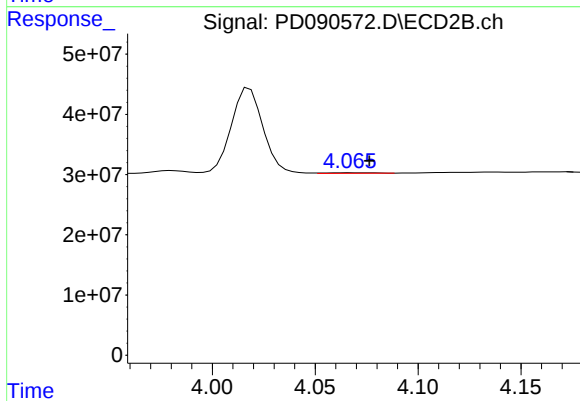
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 361362520
Conc: 8.87 ng/ml



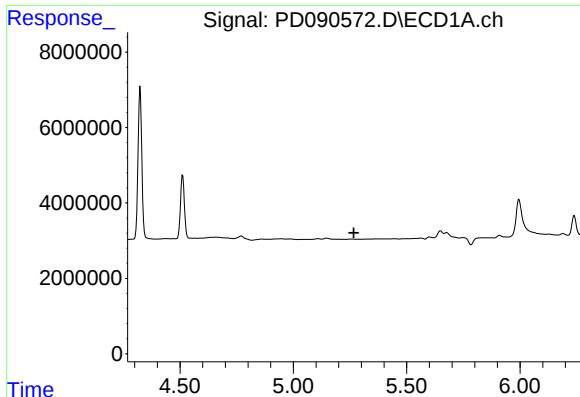
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.024 min
Response: 952526
Conc: 0.14 ng/ml



#4 Heptachlor

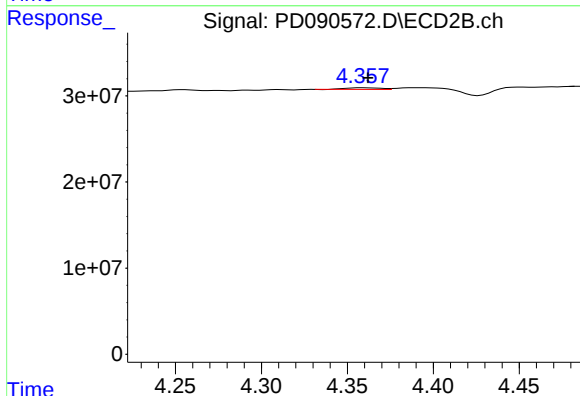
R.T.: 4.067 min
Delta R.T.: -0.009 min
Response: 1451493
Conc: 0.04 ng/ml



#5 Aldrin

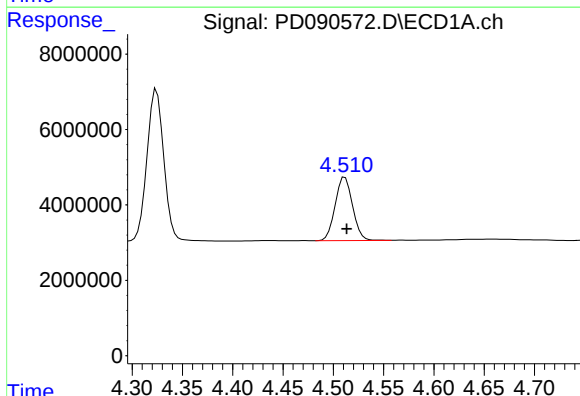
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



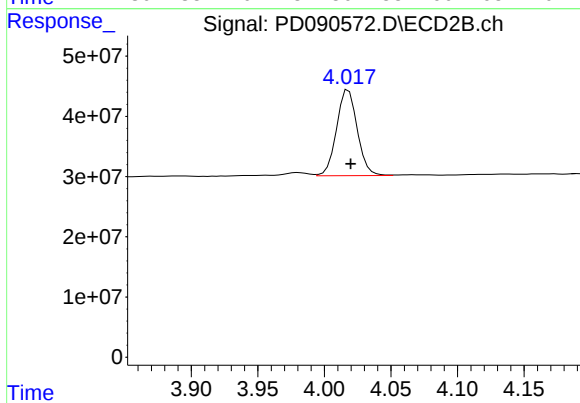
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 2745386
Conc: 0.07 ng/ml



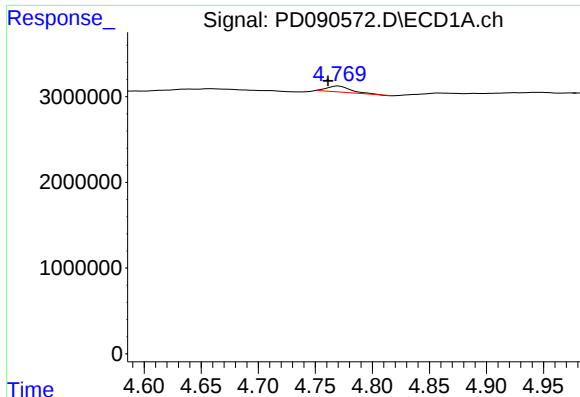
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 20235321
Conc: 7.84 ng/ml



#6 beta-BHC

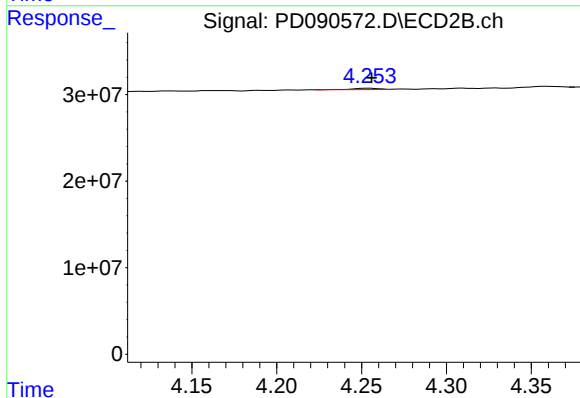
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 154604715
Conc: 8.92 ng/ml



#7 delta-BHC

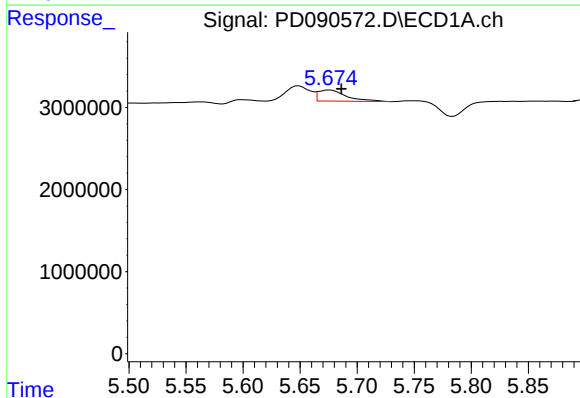
R.T.: 4.770 min
Delta R.T.: 0.009 min
Response: 1034003
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



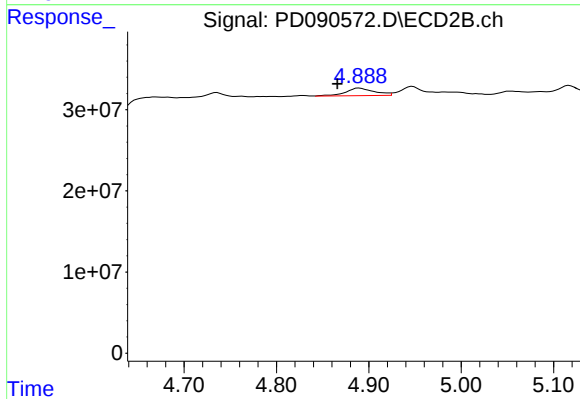
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 1775546
Conc: 0.04 ng/ml



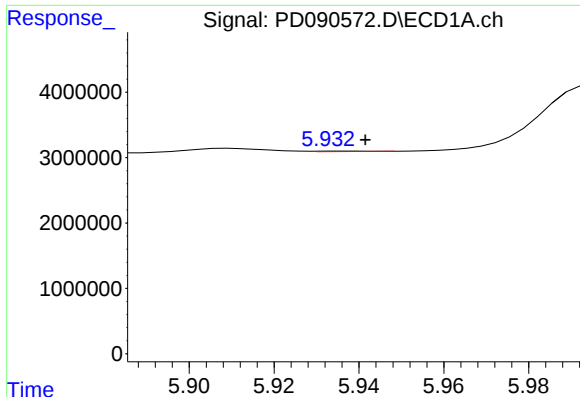
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.010 min
Response: 2351149
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

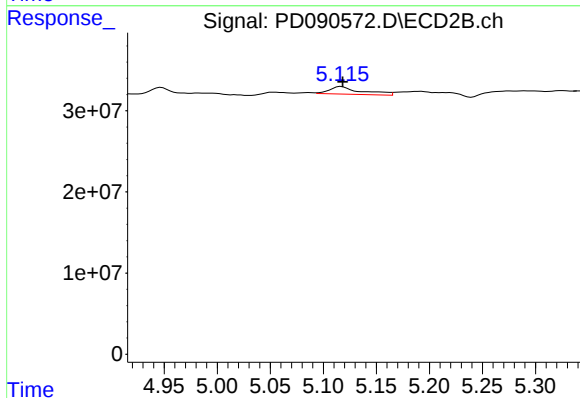
R.T.: 4.890 min
Delta R.T.: 0.024 min
Response: 20669167
Conc: 0.56 ng/ml



#10 gamma-Chlordane

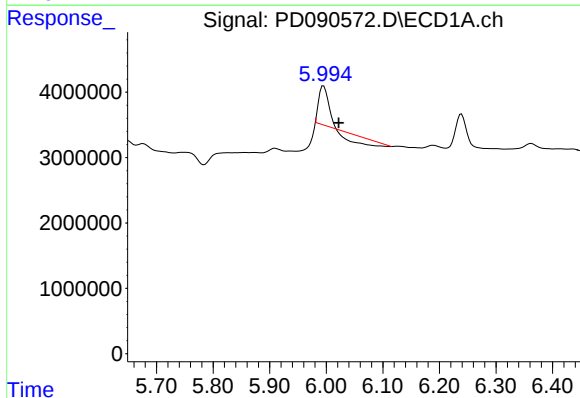
R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 50637
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



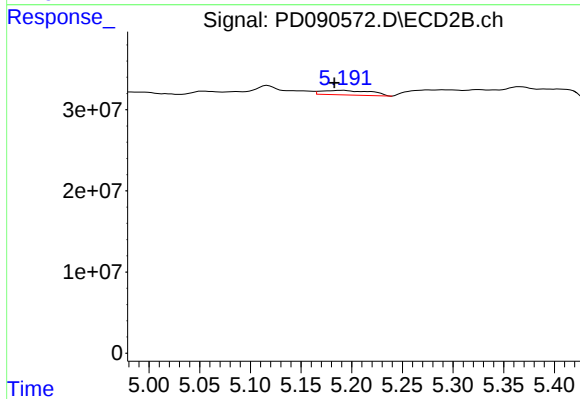
#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 19396173
Conc: 0.49 ng/ml



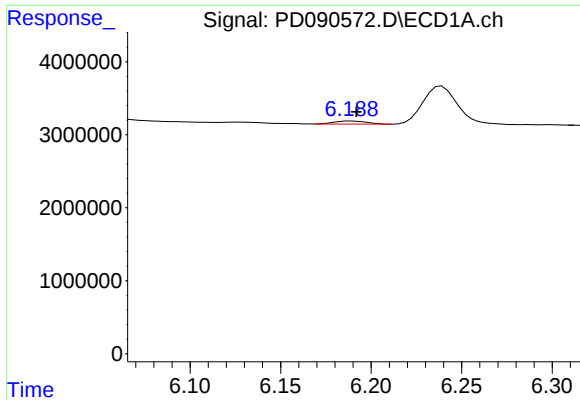
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.027 min
Response: 3014228
Conc: 0.52 ng/ml



#11 alpha-Chlordane

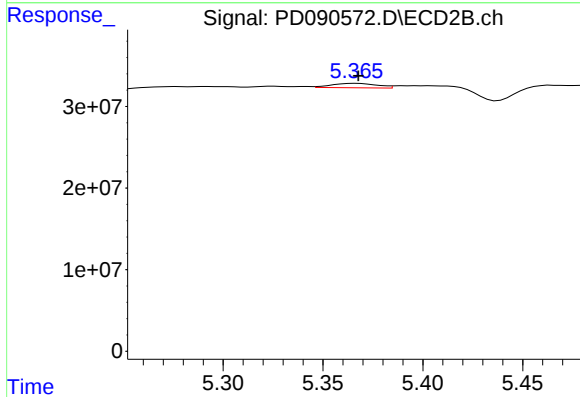
R.T.: 5.192 min
Delta R.T.: 0.009 min
Response: 18955327
Conc: 0.50 ng/ml



#12 4,4'-DDE

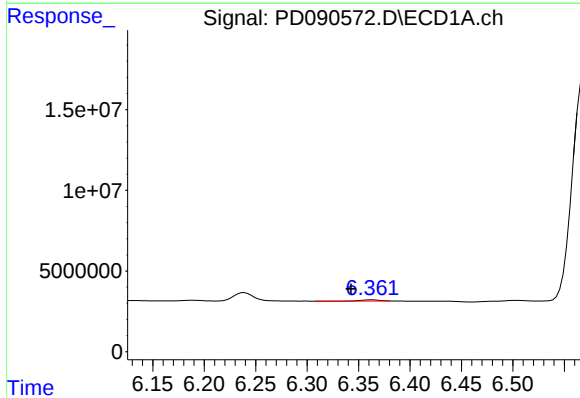
R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 529395
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



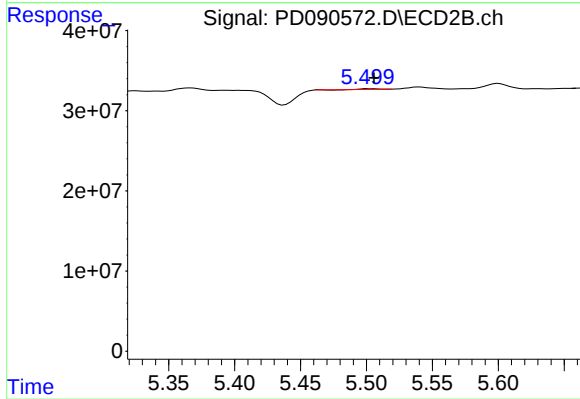
#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 8590587
Conc: 0.22 ng/ml



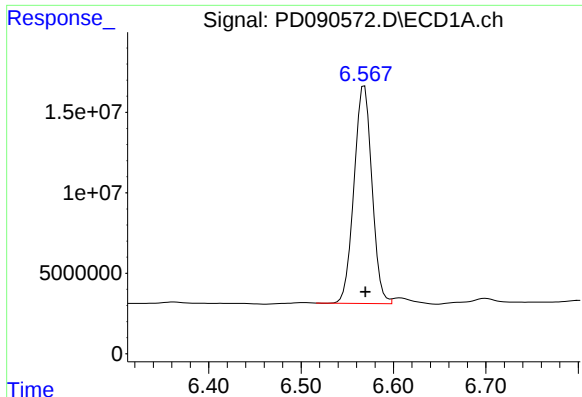
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.020 min
Response: 916555
Conc: 0.16 ng/ml



#13 Dieldrin

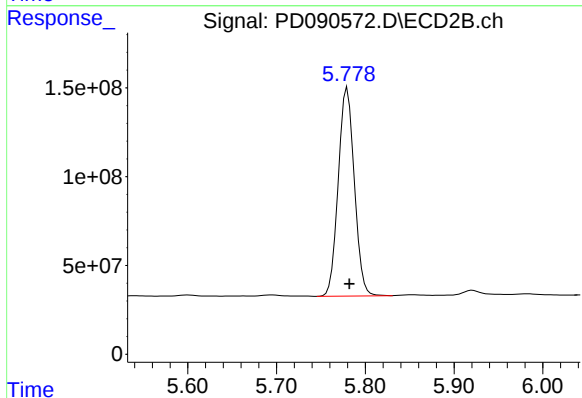
R.T.: 5.501 min
Delta R.T.: -0.005 min
Response: 406059
Conc: 0.01 ng/ml



#14 Endrin

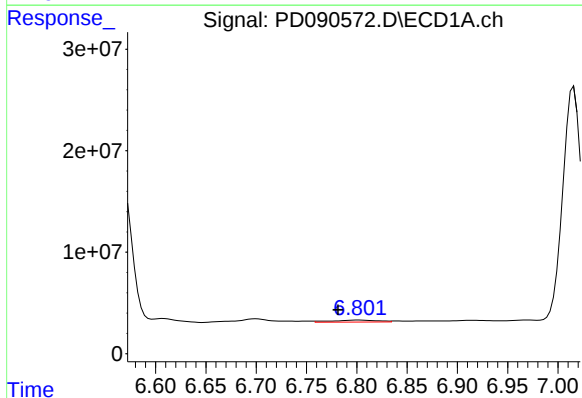
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 182366601
Conc: 37.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



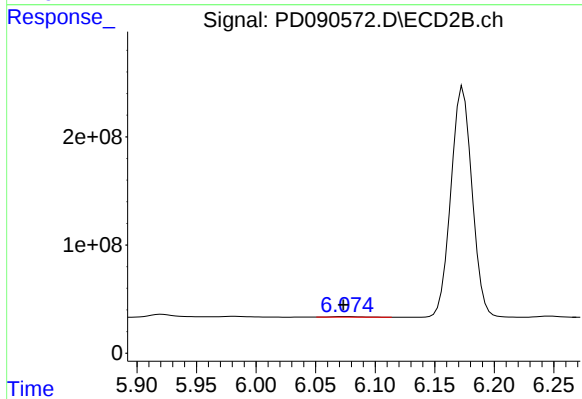
#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1477048406
Conc: 41.22 ng/ml



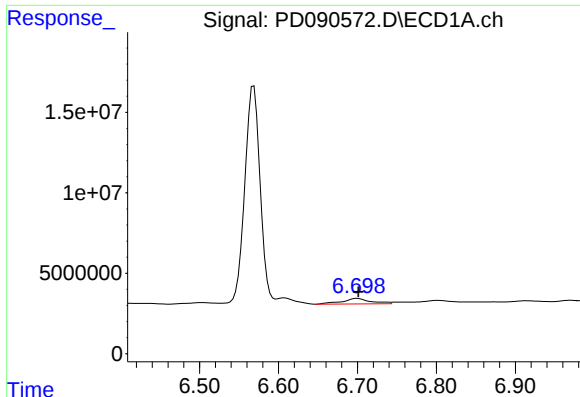
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.020 min
Response: 6006769
Conc: 1.23 ng/ml



#15 Endosulfan II

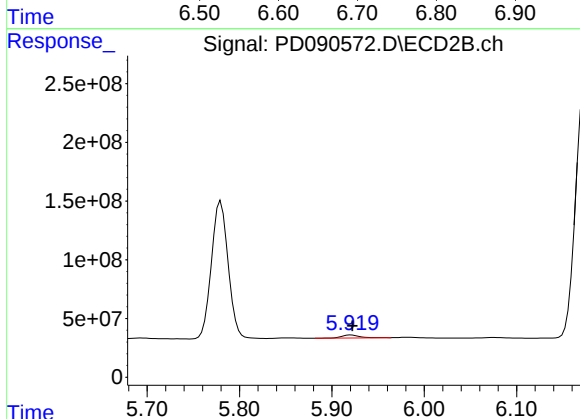
R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 8784527
Conc: 0.26 ng/ml



#16 4,4'-DDD

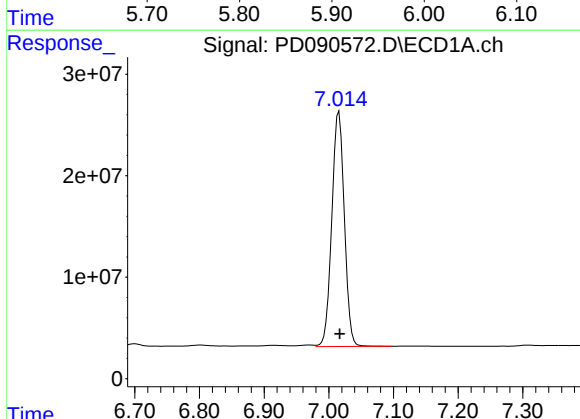
R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 8828639
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



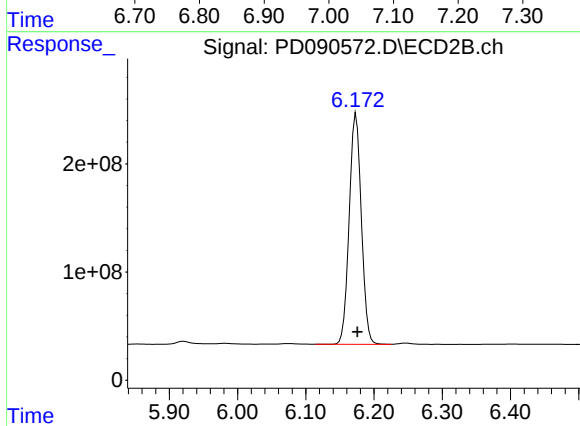
#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 34420432
Conc: 1.06 ng/ml



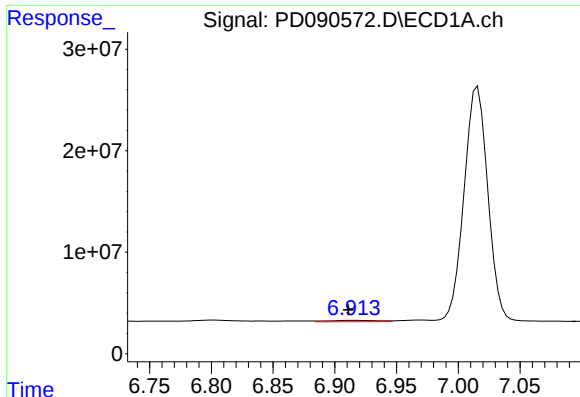
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 311480745
Conc: 69.96 ng/ml



#17 4,4'-DDT

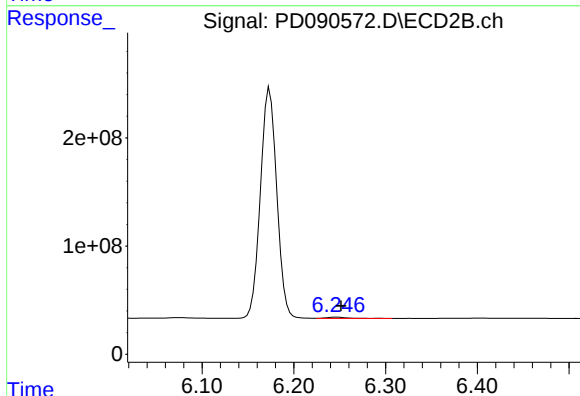
R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 2636580353
Conc: 76.69 ng/ml



#18 Endrin aldehyde

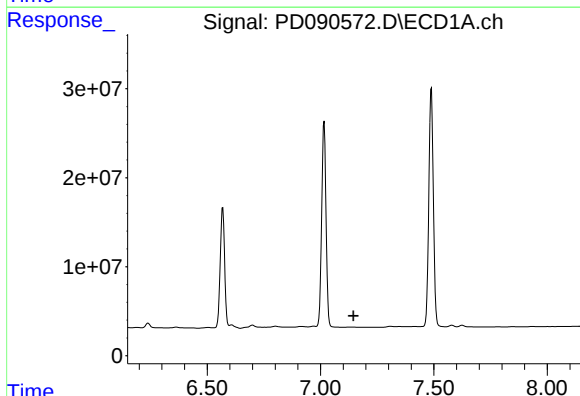
R.T.: 6.915 min
Delta R.T.: 0.004 min
Response: 3995972
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



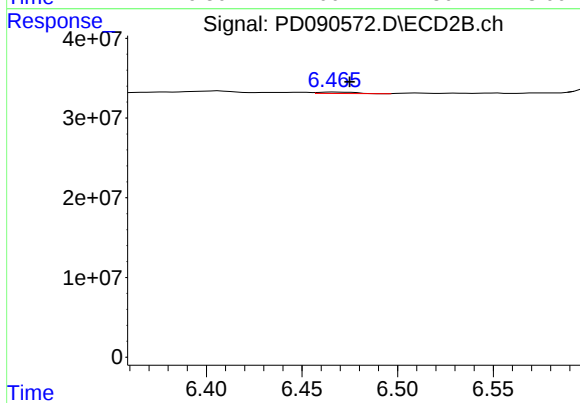
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 15110618
Conc: 0.64 ng/ml



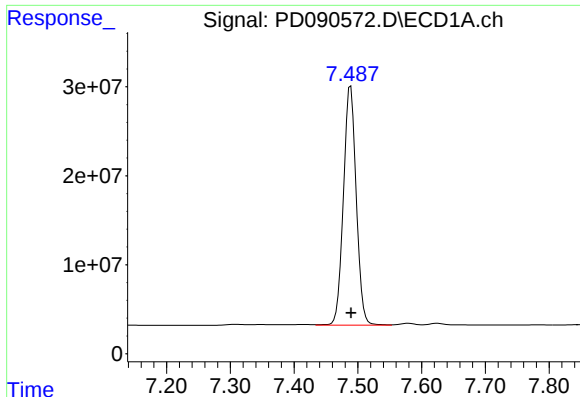
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

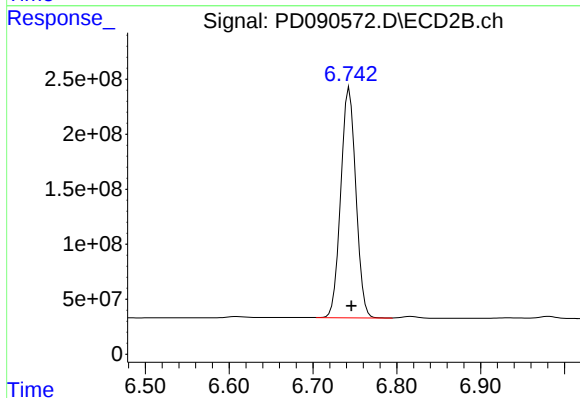
R.T.: 6.467 min
Delta R.T.: -0.008 min
Response: 2284196
Conc: 0.07 ng/ml



#20 Methoxychlor

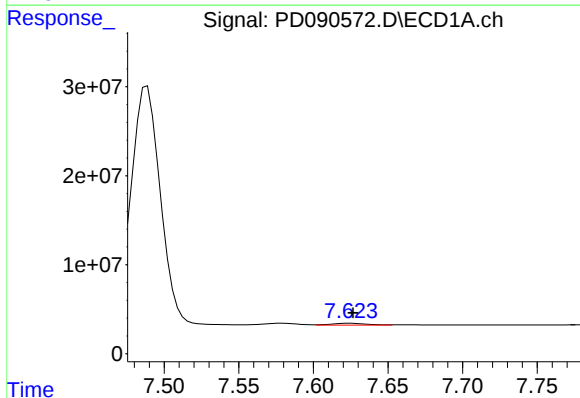
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 375380332
Conc: 159.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



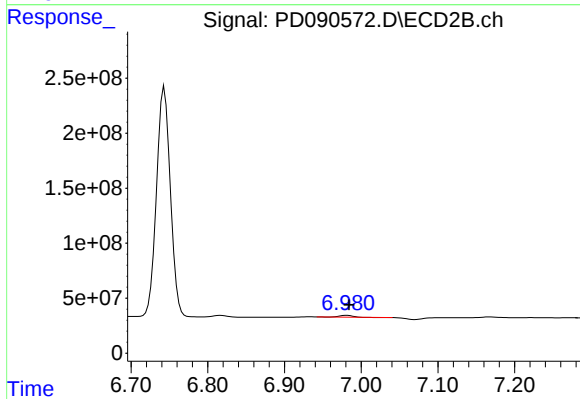
#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 2625746678
Conc: 150.90 ng/ml



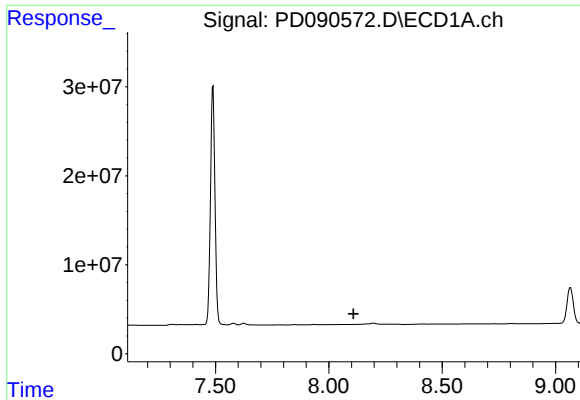
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 3197729
Conc: 0.65 ng/ml



#21 Endrin ketone

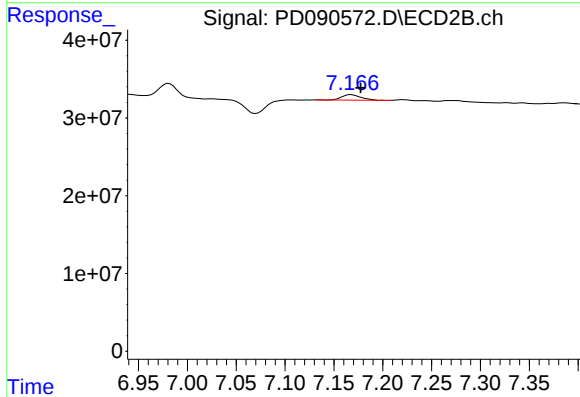
R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 18463434
Conc: 0.51 ng/ml



#22 Mirex

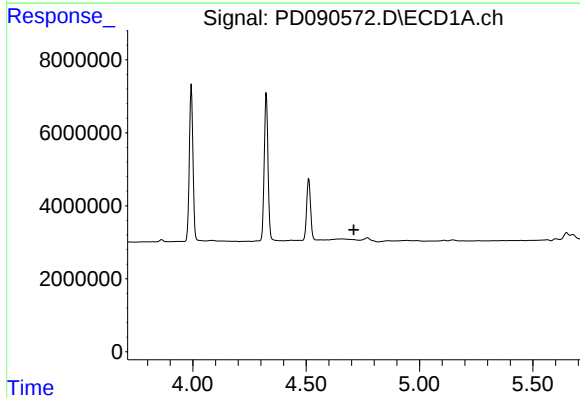
R.T.: 0.000 min
Exp R.T.: 8.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



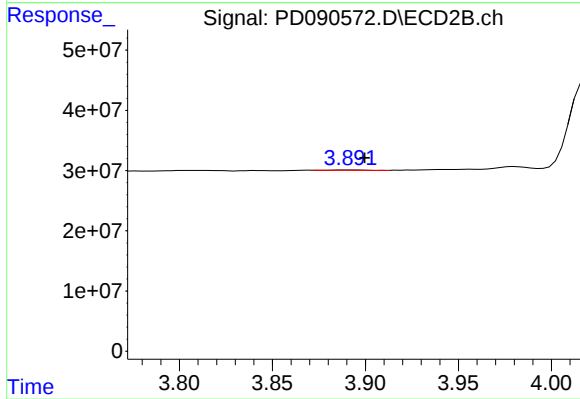
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.009 min
Response: 9865797
Conc: 0.36 ng/ml



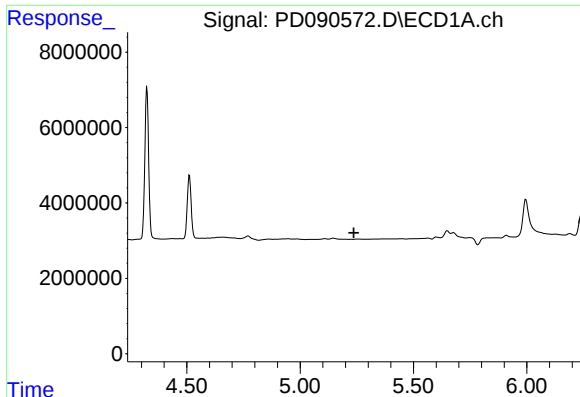
#23 Chlordane-1

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



#23 Chlordane-1

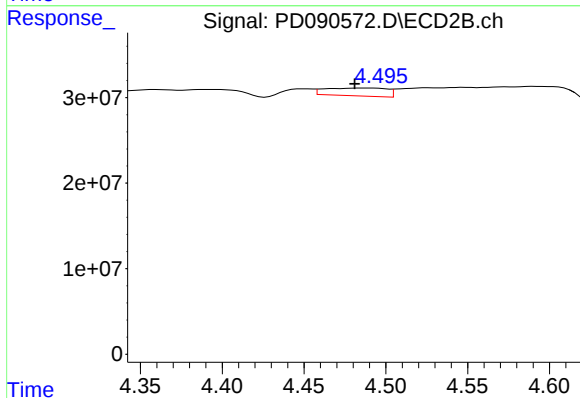
R.T.: 3.891 min
Delta R.T.: -0.009 min
Response: 569511
Conc: 0.47 ng/ml



#24 Chlordane-2

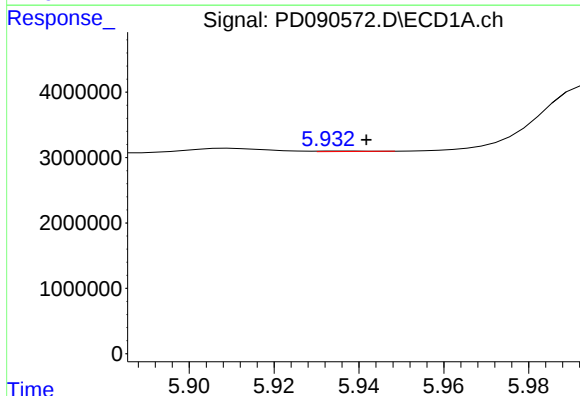
R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



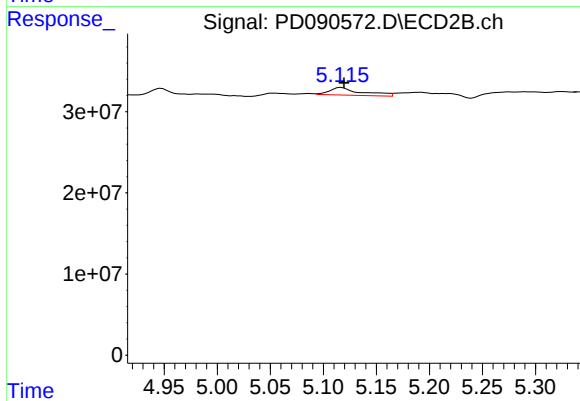
#24 Chlordane-2

R.T.: 4.490 min
Delta R.T.: 0.009 min
Response: 24183957
Conc: 19.34 ng/ml



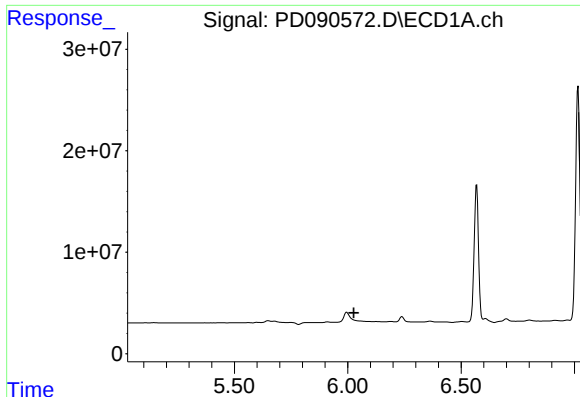
#25 Chlordane-3

R.T.: 5.935 min
Delta R.T.: -0.007 min
Response: 50637
Conc: 0.06 ng/ml



#25 Chlordane-3

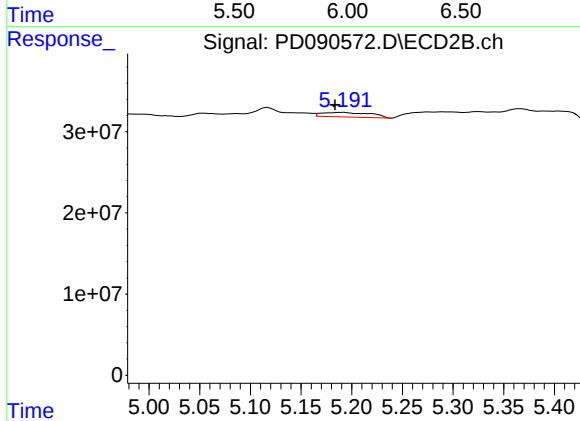
R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 19396173
Conc: 5.12 ng/ml



#26 Chlordane-4

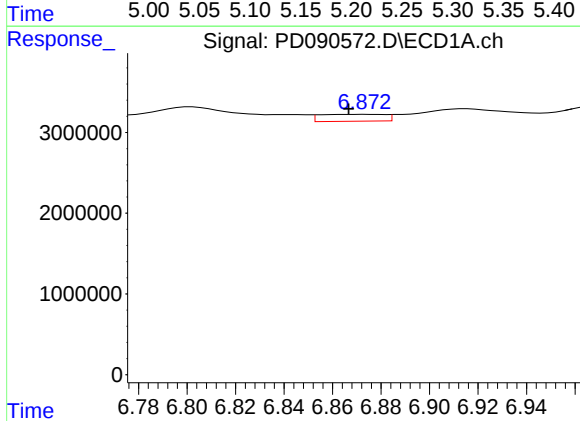
R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



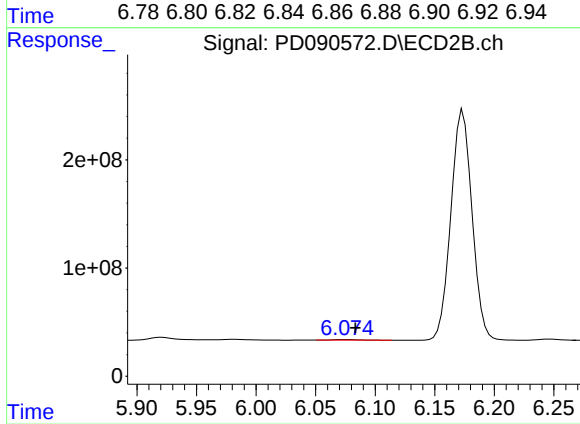
#26 Chlordane-4

R.T.: 5.192 min
Delta R.T.: 0.009 min
Response: 18955327
Conc: 5.82 ng/ml



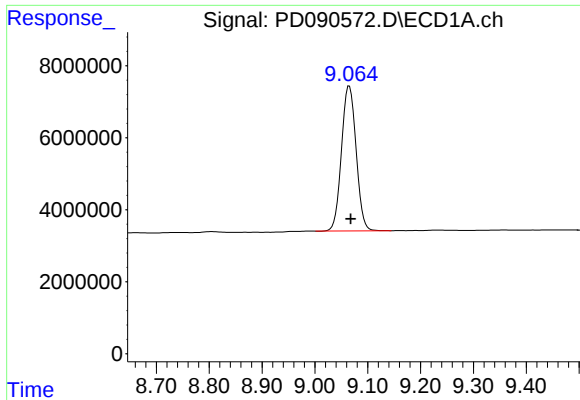
#27 Chlordane-5

R.T.: 6.873 min
Delta R.T.: 0.006 min
Response: 1588965
Conc: 8.93 ng/ml



#27 Chlordane-5

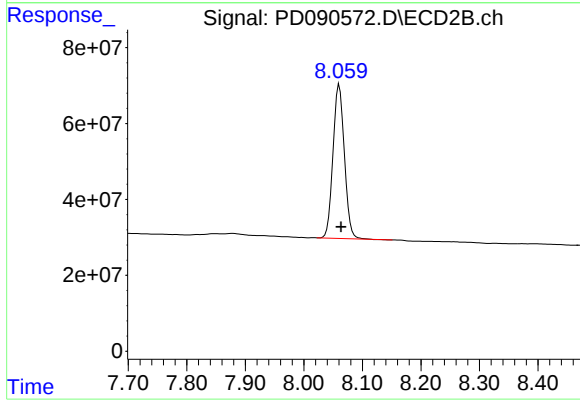
R.T.: 6.076 min
Delta R.T.: -0.008 min
Response: 8784527
Conc: 5.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 77539469
Conc: 16.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 547136291
Conc: 16.88 ng/ml