

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
 Data File : PD090754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 14:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 14:21:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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	2.873	65151970	628.7E6	20.921	21.112
28)	SA Decachlor...	9.070	8.062	103.1E6	768.9E6	22.036	25.383
Target Compounds							
2)	A alpha-BHC	3.994	3.385	63097425	527.4E6	8.791	10.322
3)	MA gamma-BHC...	4.325	3.721	62558349	502.6E6	9.201	10.636
4)	MA Heptachlor	4.936	4.069	687386	2449711	0.123	0.055 #
5)	MB Aldrin	0.000	4.357	0	441415	N.D.	0.010 #
6)	B beta-BHC	4.513	4.017	26755969	209.6E6	10.214	10.572
7)	B delta-BHC	4.772	4.273f	2270924	3512871	0.336	0.074 #
8)	B Heptachlo...	0.000	4.838f	0	2744049	N.D.	0.064 #
9)	A Endosulfan I	0.000	5.228	0	855935	N.D.	0.022 #
10)	B gamma-Chl...	5.911f	5.116	526293	9885213	0.089	0.220 #
11)	B alpha-Chl...	5.999f	5.187	19513172	1462002	3.157	0.034 #
12)	B 4,4'-DDE	6.193	5.367	549259	5367312	0.103	0.122
13)	MA Dieldrin	6.362f	5.504	3355359	-165060	0.575	N.D. #
14)	MA Endrin	6.570	5.779	238.6E6	1992.0E6	48.175	49.193
15)	B Endosulfa...	6.764f	6.078	358278	9385050	0.072	0.250 #
16)	A 4,4'-DDD	6.702	5.920	11104415	112.6E6	2.739	3.090
17)	MA 4,4'-DDT	7.018	6.173	414.8E6	3628.9E6	100.907	103.468
18)	B Endrin al...	6.913	6.248	3608496	30772791	0.985	1.111
19)	B Endosulfa...	0.000	6.490f	0	357266	N.D.	0.010 #
20)	A Methoxychlor	7.491	6.745	500.4E6	3791.1E6	235.432	217.534
21)	B Endrin ke...	7.627	6.983	8409255	82813597	1.731	2.196 #
22)	Mirex	0.000	7.169	0	8930666	N.D.	0.348 #
23)	Chlordane-1	0.000	3.885	0	1932147	N.D.	1.550 #
24)	Chlordane-2	0.000	4.476	0	1219398	N.D.	0.935 #
25)	Chlordane-3	0.000	5.116	0	9885213	N.D.	2.540 #
26)	Chlordane-4	5.999f	5.187	19513172	1462002	20.140	0.438 #
27)	Chlordane-5	0.000	6.078	0	9385050	N.D.	6.358 #

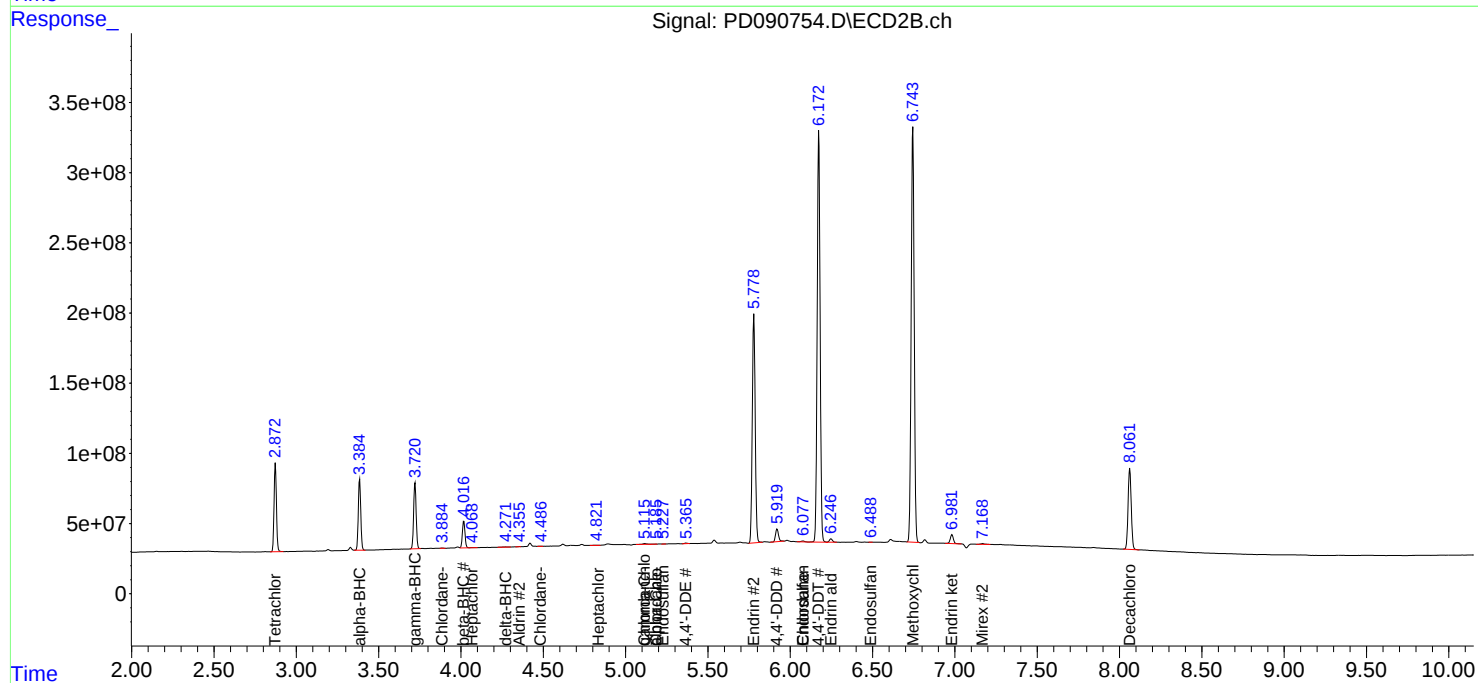
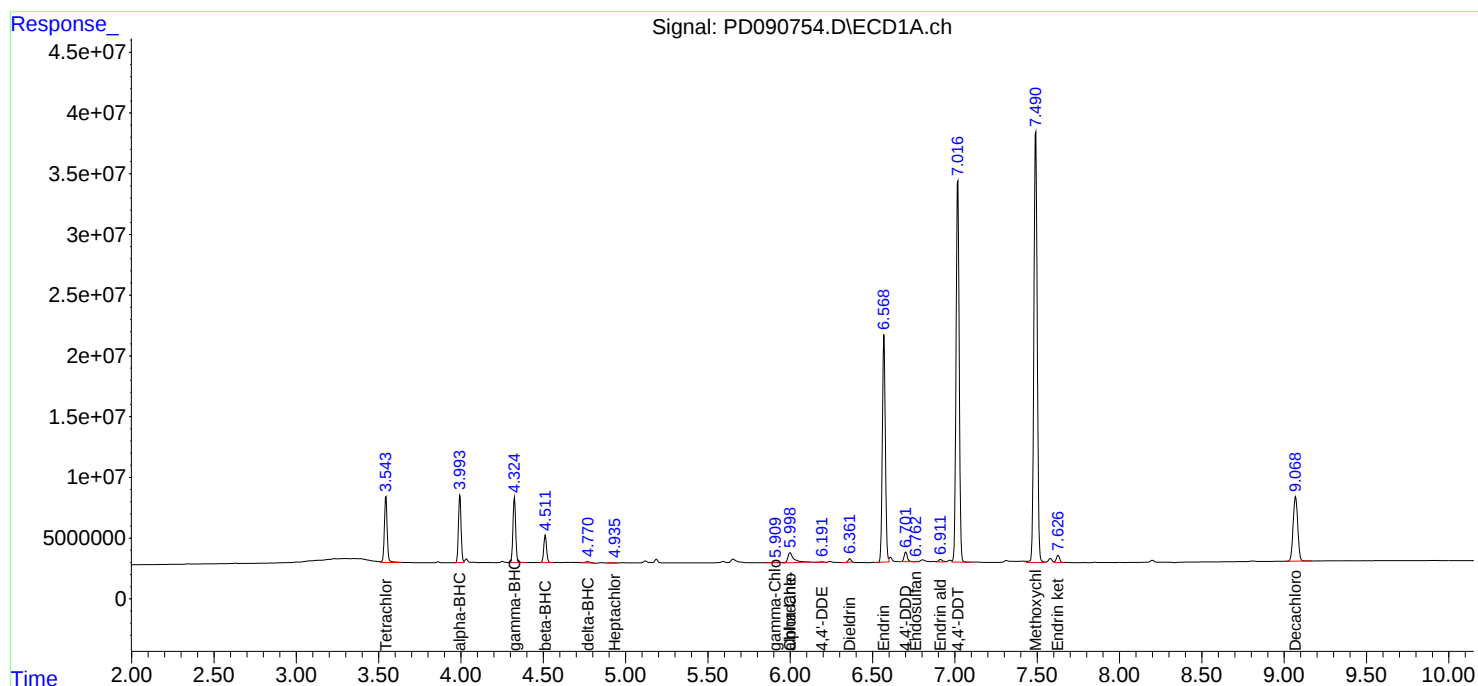
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

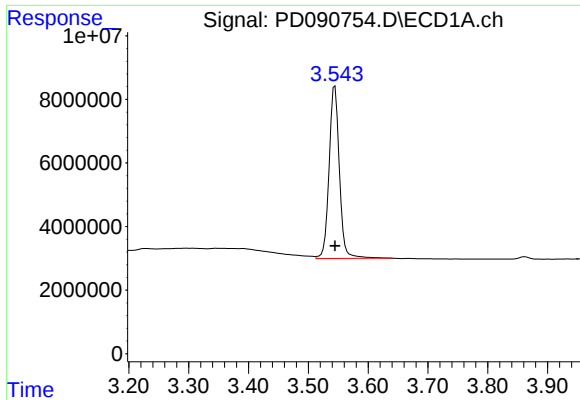
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090754.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 14:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:21:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

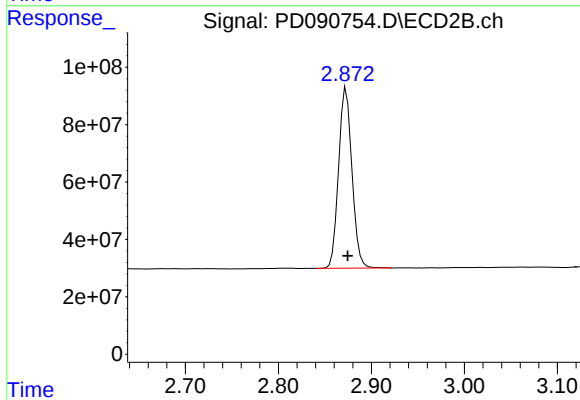




#1 Tetrachloro-m-xylene

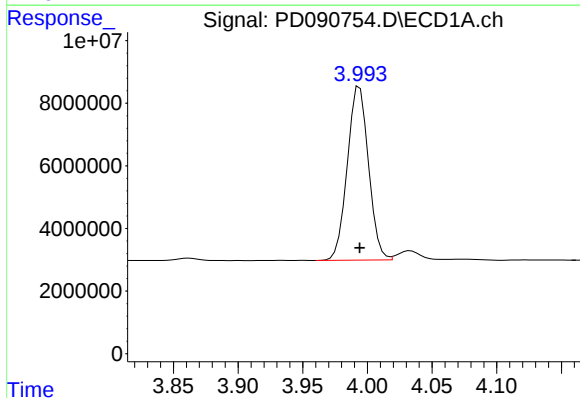
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 65151970
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



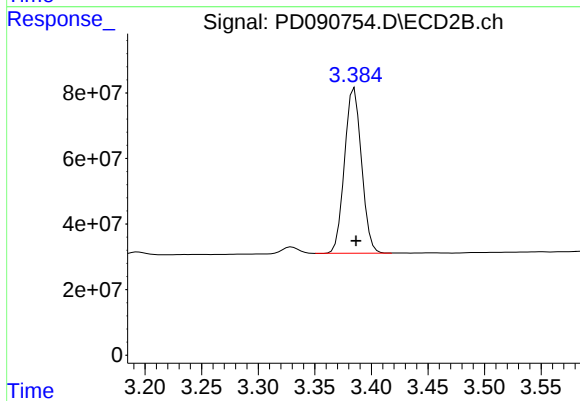
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 628665474
Conc: 21.11 ng/ml



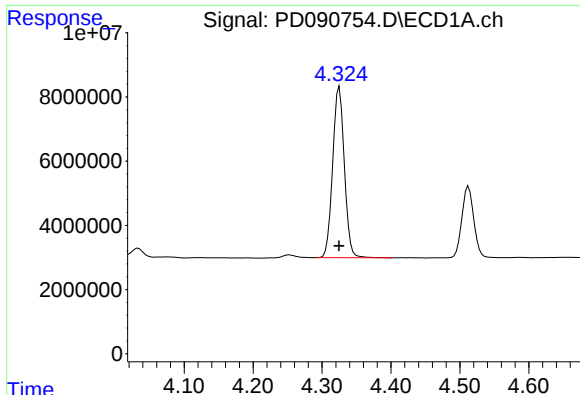
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 63097425
Conc: 8.79 ng/ml



#2 alpha-BHC

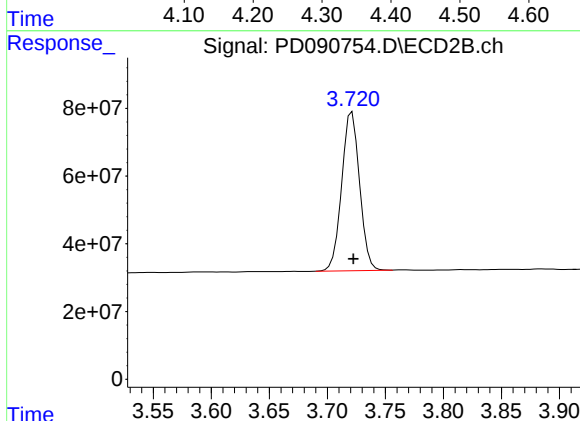
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 527416985
Conc: 10.32 ng/ml



#3 gamma-BHC (Lindane)

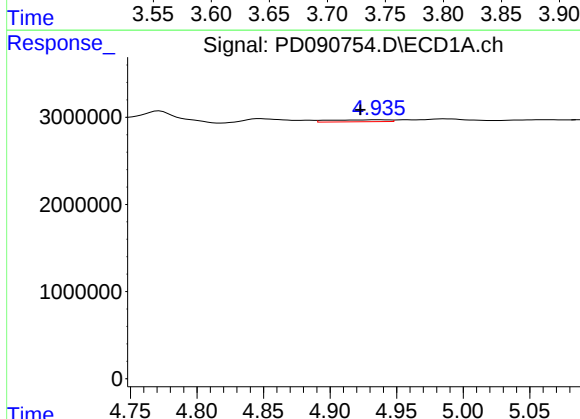
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 62558349
Conc: 9.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



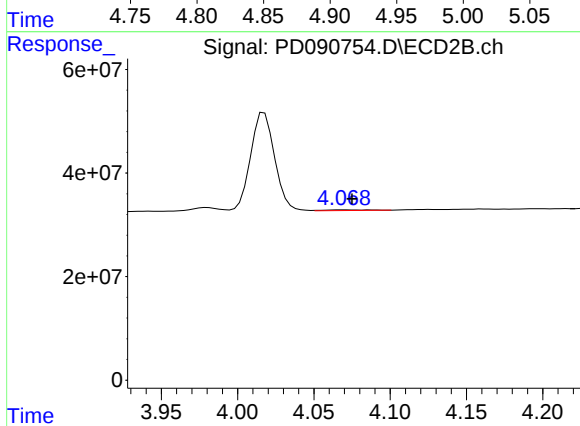
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 502562004
Conc: 10.64 ng/ml



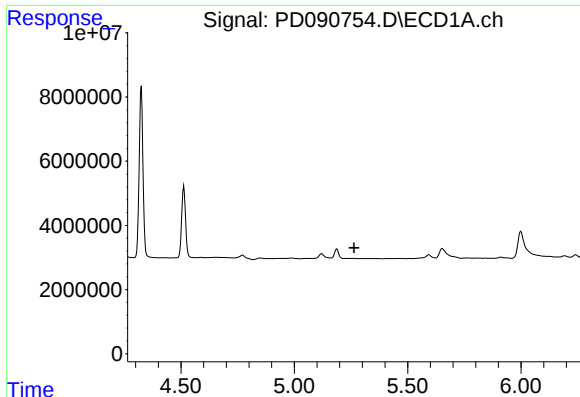
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.014 min
Response: 687386
Conc: 0.12 ng/ml



#4 Heptachlor

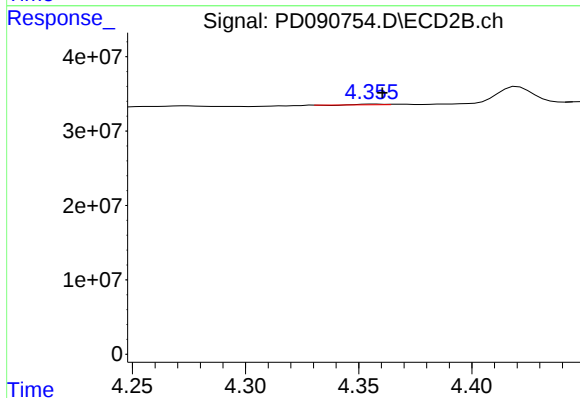
R.T.: 4.069 min
Delta R.T.: -0.006 min
Response: 2449711
Conc: 0.05 ng/ml



#5 Aldrin

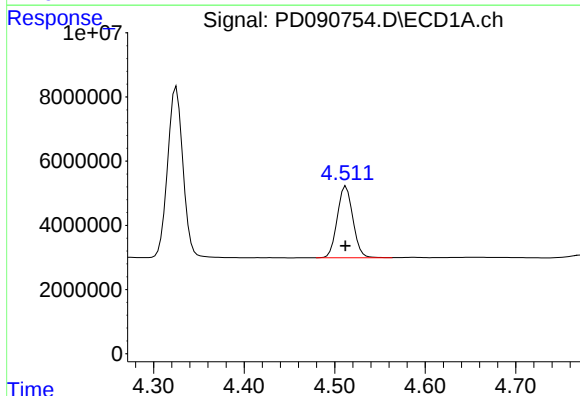
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



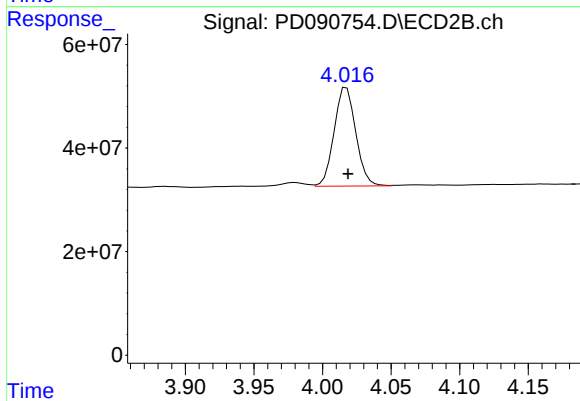
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 441415
Conc: 0.01 ng/ml



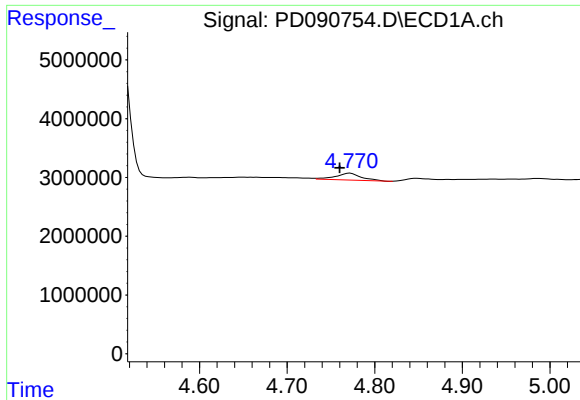
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 26755969
Conc: 10.21 ng/ml



#6 beta-BHC

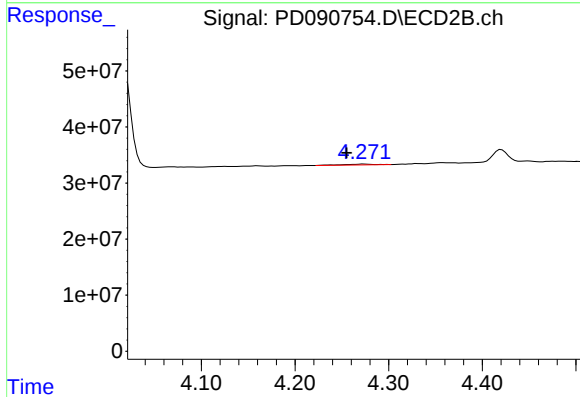
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 209646424
Conc: 10.57 ng/ml



#7 delta-BHC

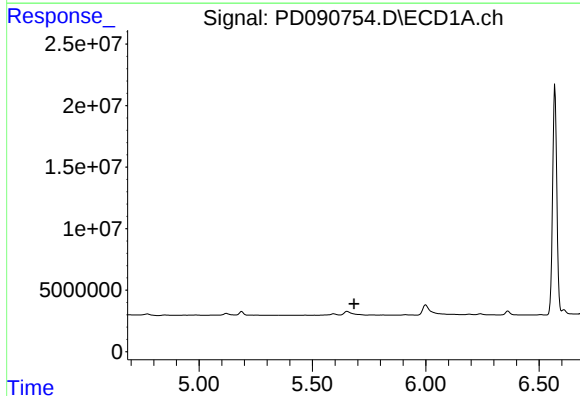
R.T.: 4.772 min
Delta R.T.: 0.012 min
Response: 2270924
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



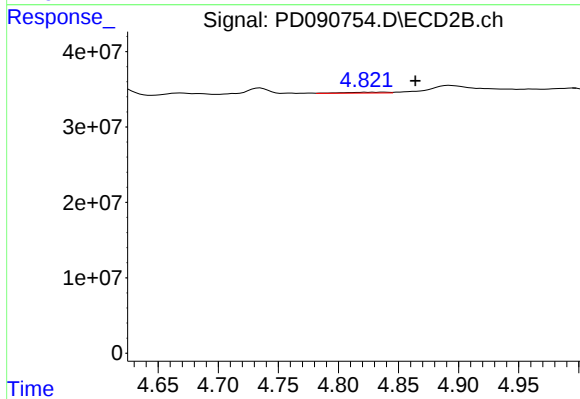
#7 delta-BHC

R.T.: 4.273 min
Delta R.T.: 0.018 min
Response: 3512871
Conc: 0.07 ng/ml



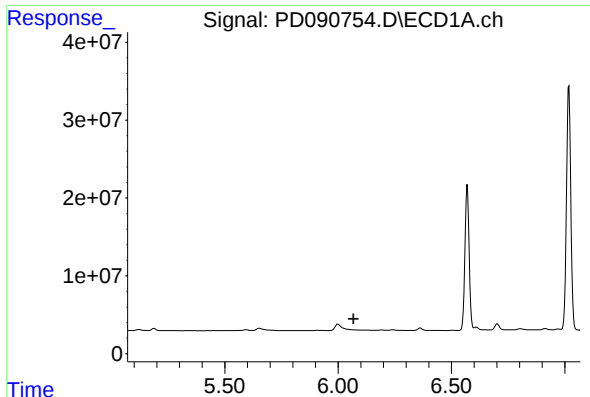
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

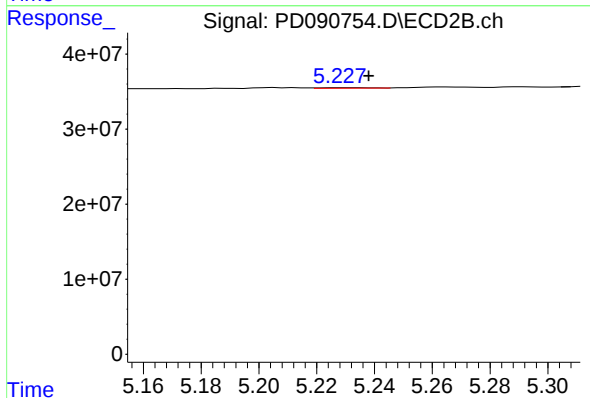
R.T.: 4.838 min
Delta R.T.: -0.027 min
Response: 2744049
Conc: 0.06 ng/ml



#9 Endosulfan I

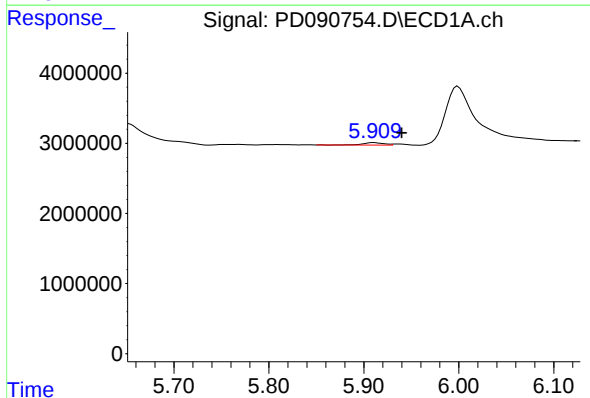
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



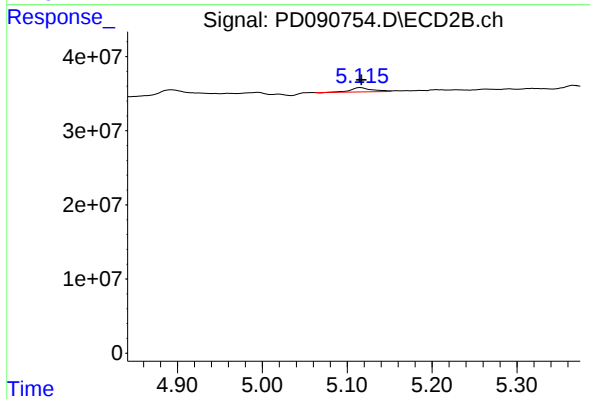
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.010 min
Response: 855935
Conc: 0.02 ng/ml



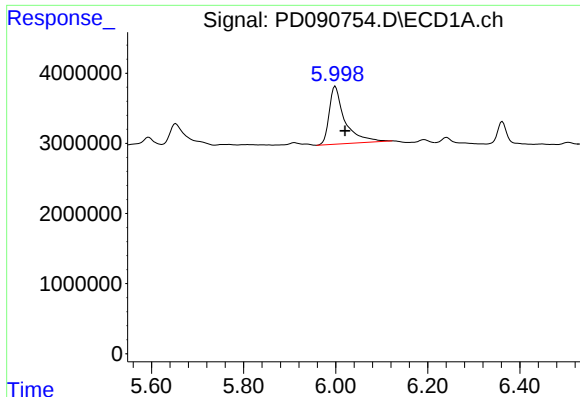
#10 gamma-Chlordane

R.T.: 5.911 min
Delta R.T.: -0.030 min
Response: 526293
Conc: 0.09 ng/ml



#10 gamma-Chlordane

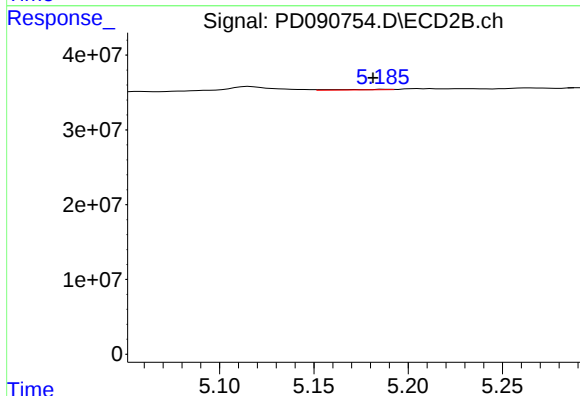
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 9885213
Conc: 0.22 ng/ml



#11 alpha-Chlordane

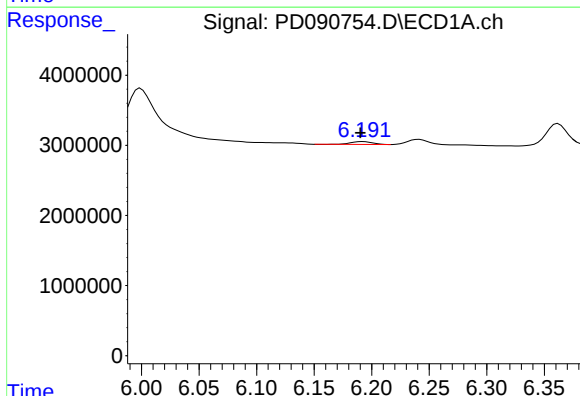
R.T.: 5.999 min
Delta R.T.: -0.021 min
Response: 19513172
Conc: 3.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



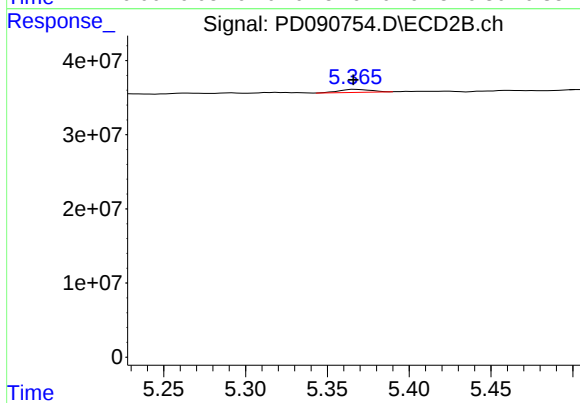
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: 0.006 min
Response: 1462002
Conc: 0.03 ng/ml



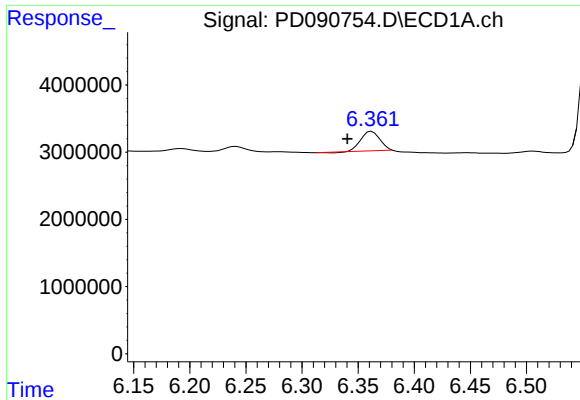
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 549259
Conc: 0.10 ng/ml



#12 4,4'-DDE

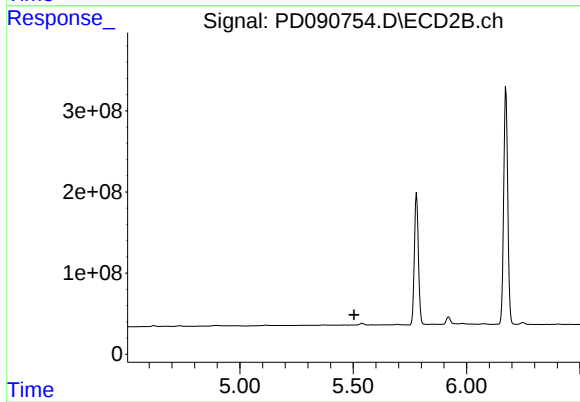
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 5367312
Conc: 0.12 ng/ml



#13 Dieldrin

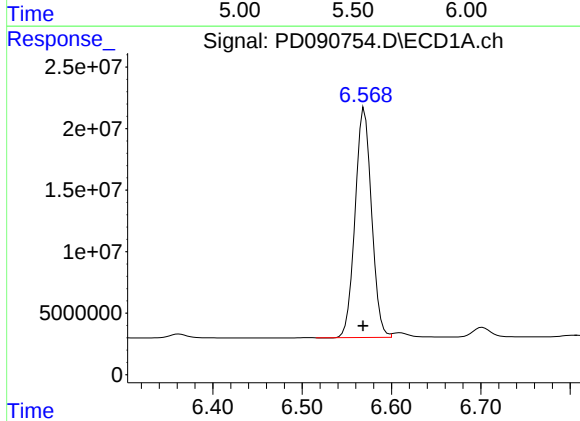
R.T.: 6.362 min
Delta R.T.: 0.022 min
Response: 3355359
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



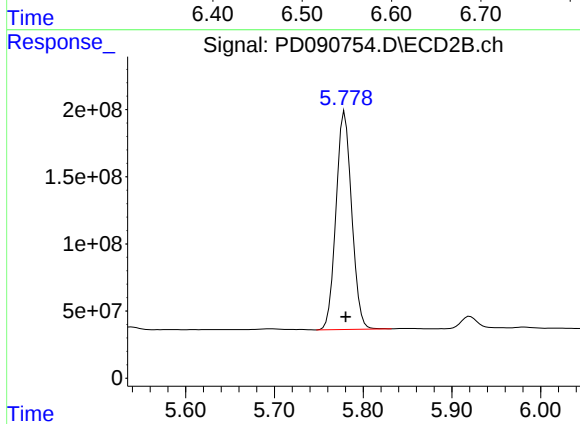
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: -165060
Conc: N.D.



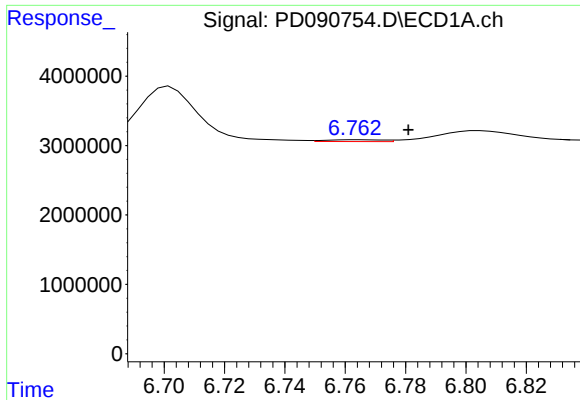
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 238646896
Conc: 48.18 ng/ml



#14 Endrin

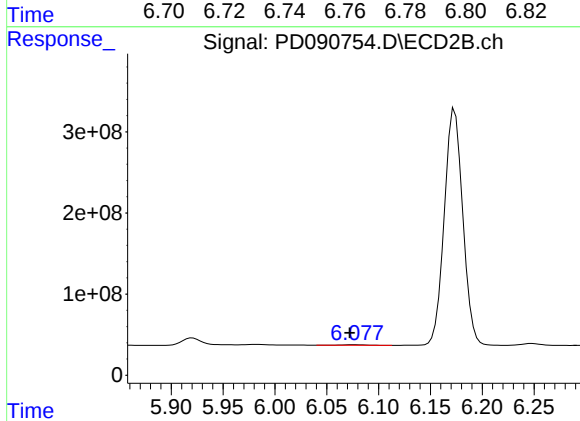
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1991998893
Conc: 49.19 ng/ml



#15 Endosulfan II

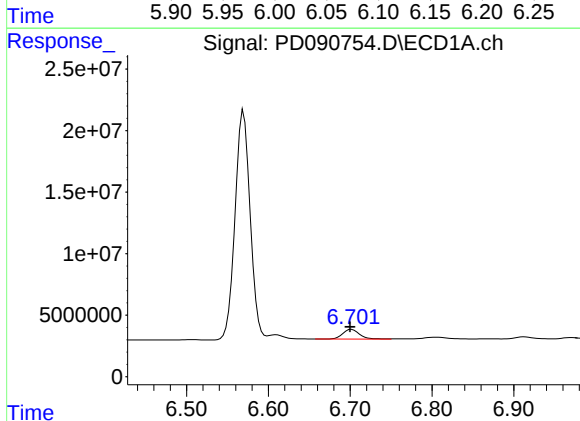
R.T.: 6.764 min
Delta R.T.: -0.017 min
Response: 358278
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



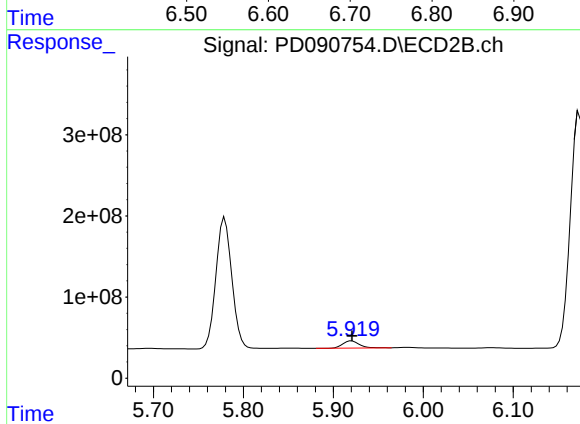
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.006 min
Response: 9385050
Conc: 0.25 ng/ml



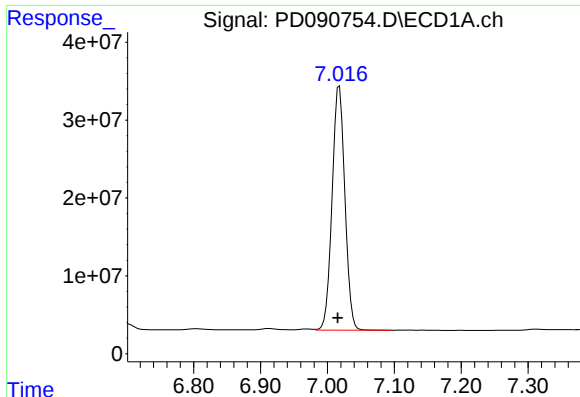
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 11104415
Conc: 2.74 ng/ml



#16 4,4'-DDD

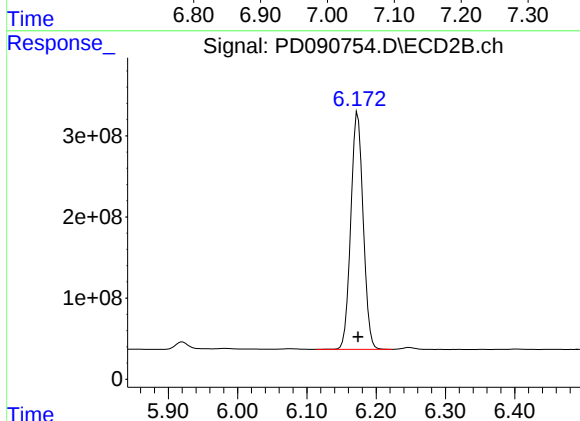
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 112577983
Conc: 3.09 ng/ml



#17 4,4'-DDT

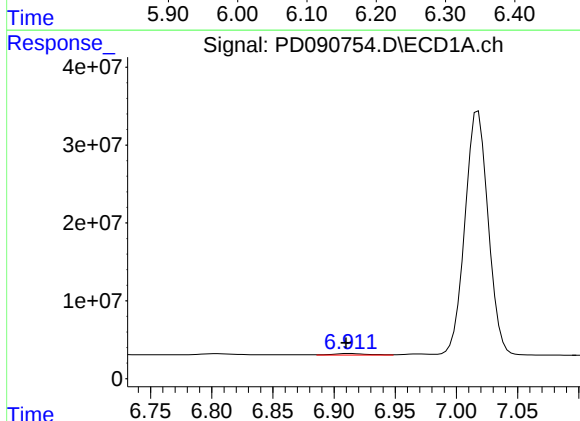
R.T.: 7.018 min
Delta R.T.: 0.002 min
Response: 414774704
Conc: 100.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



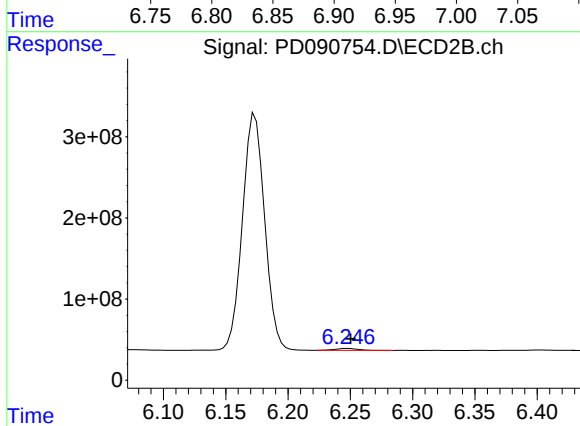
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 3628931057
Conc: 103.47 ng/ml



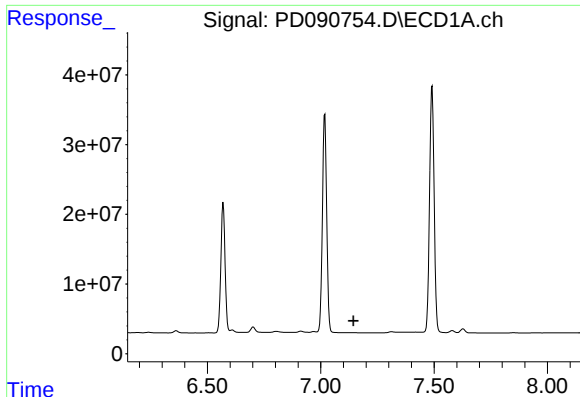
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 3608496
Conc: 0.99 ng/ml



#18 Endrin aldehyde

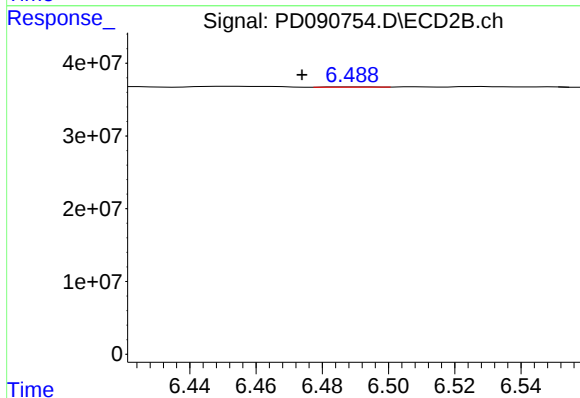
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 30772791
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

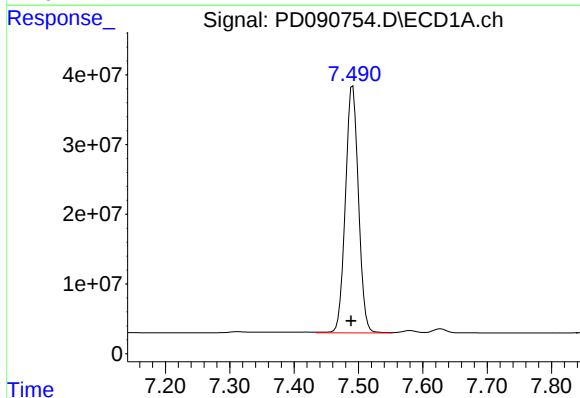
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



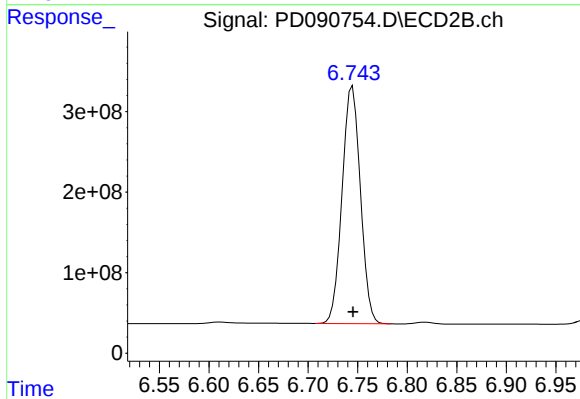
#19 Endosulfan Sulfate

R.T.: 6.490 min
Delta R.T.: 0.016 min
Response: 357266
Conc: 0.01 ng/ml



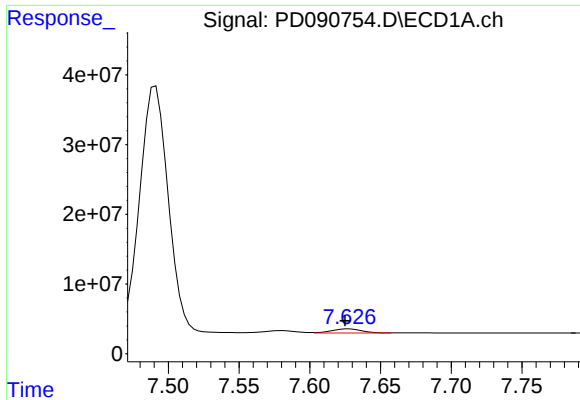
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.003 min
Response: 500431728
Conc: 235.43 ng/ml



#20 Methoxychlor

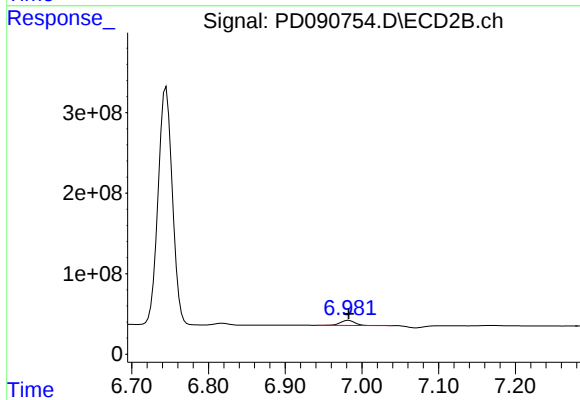
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3791144088
Conc: 217.53 ng/ml



#21 Endrin ketone

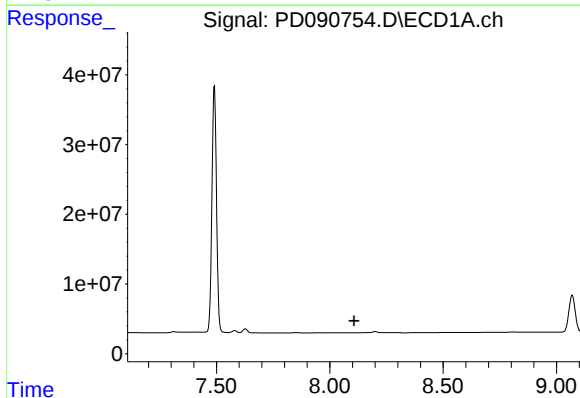
R.T.: 7.627 min
Delta R.T.: 0.003 min
Response: 8409255
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



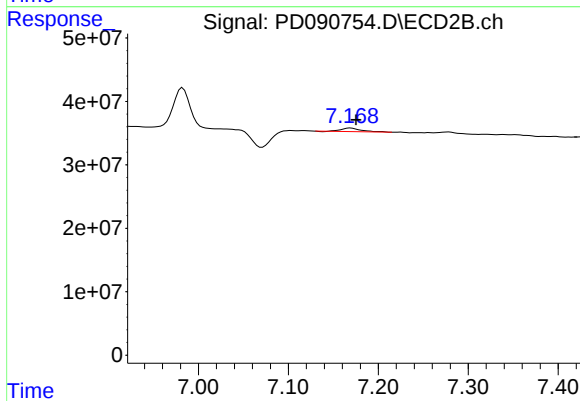
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 82813597
Conc: 2.20 ng/ml



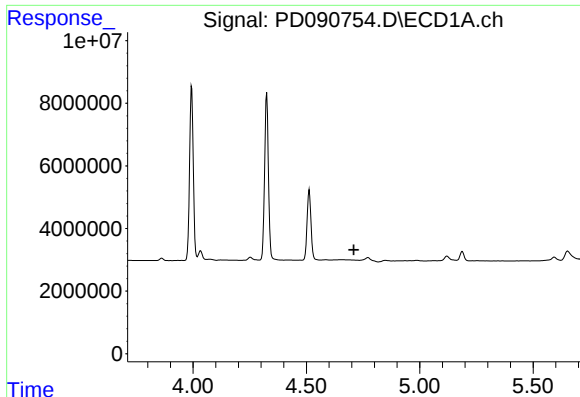
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

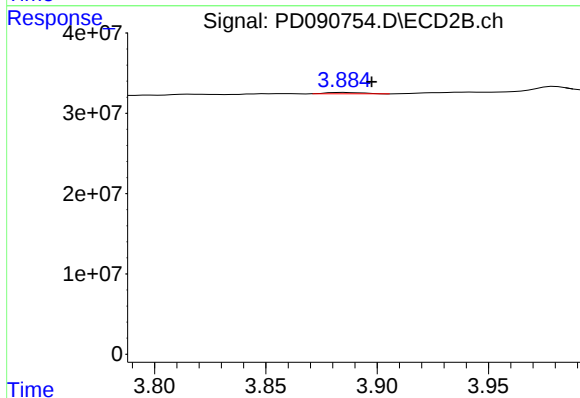
R.T.: 7.169 min
Delta R.T.: -0.006 min
Response: 8930666
Conc: 0.35 ng/ml



#23 Chlordane-1

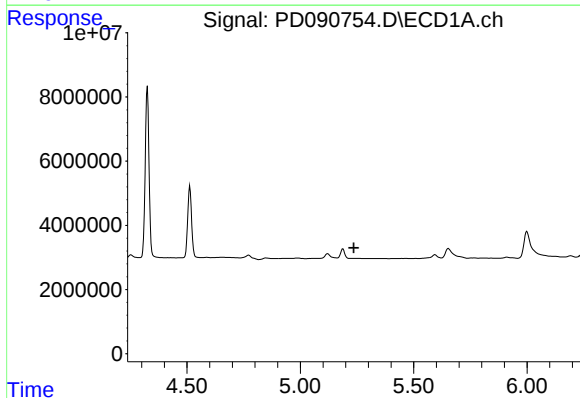
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



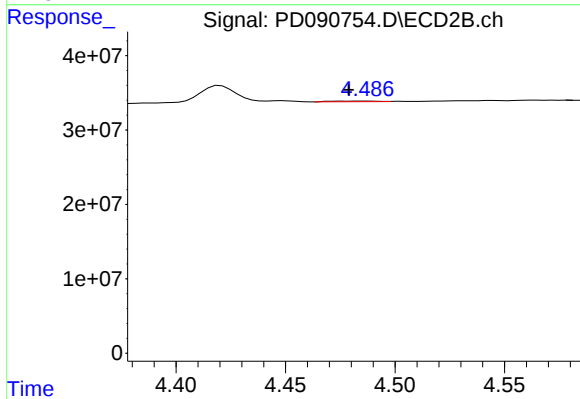
#23 Chlordane-1

R.T.: 3.885 min
Delta R.T.: -0.012 min
Response: 1932147
Conc: 1.55 ng/ml



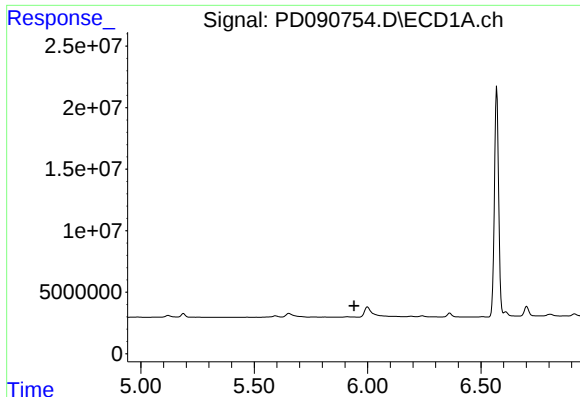
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.



#24 Chlordane-2

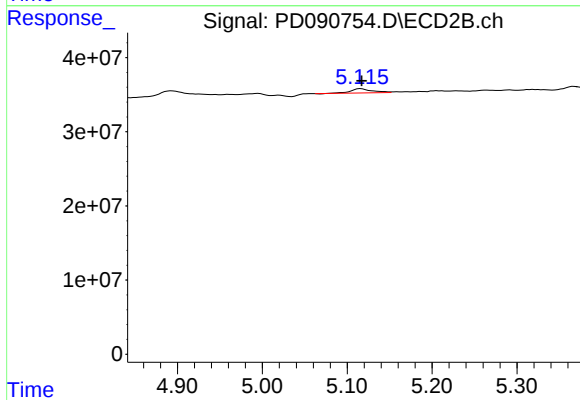
R.T.: 4.476 min
Delta R.T.: -0.003 min
Response: 1219398
Conc: 0.93 ng/ml



#25 Chlordane-3

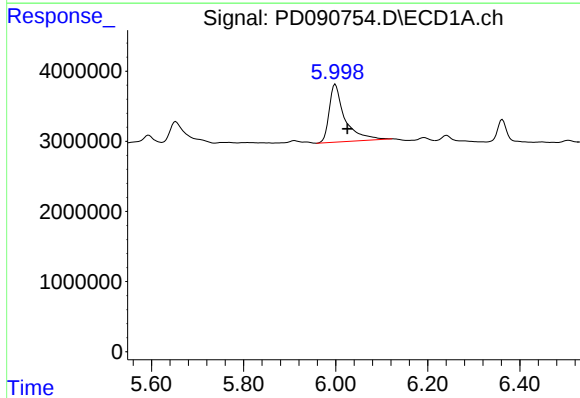
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



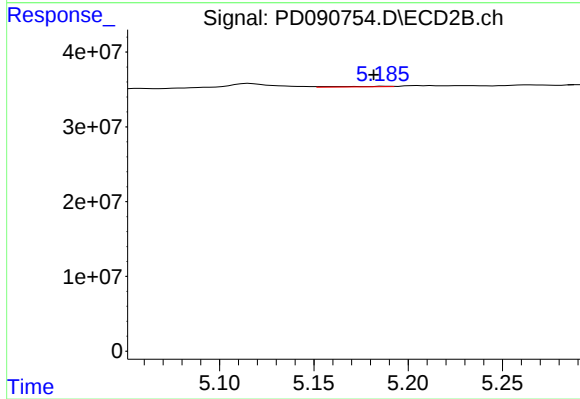
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 9885213
Conc: 2.54 ng/ml



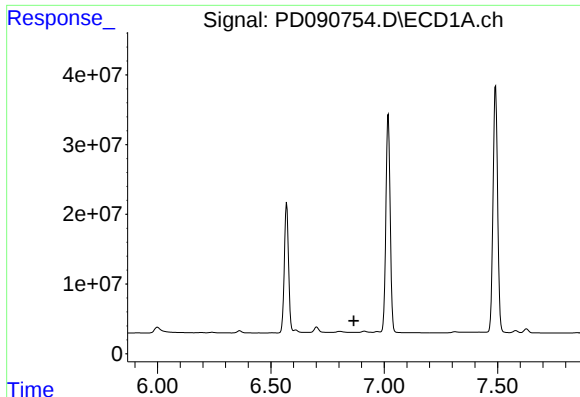
#26 Chlordane-4

R.T.: 5.999 min
Delta R.T.: -0.026 min
Response: 19513172
Conc: 20.14 ng/ml



#26 Chlordane-4

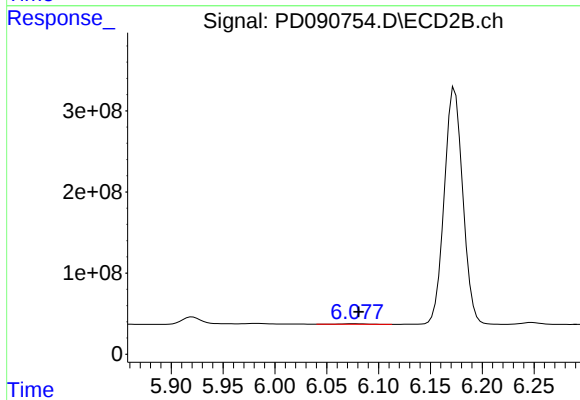
R.T.: 5.187 min
Delta R.T.: 0.005 min
Response: 1462002
Conc: 0.44 ng/ml



#27 Chlordane-5

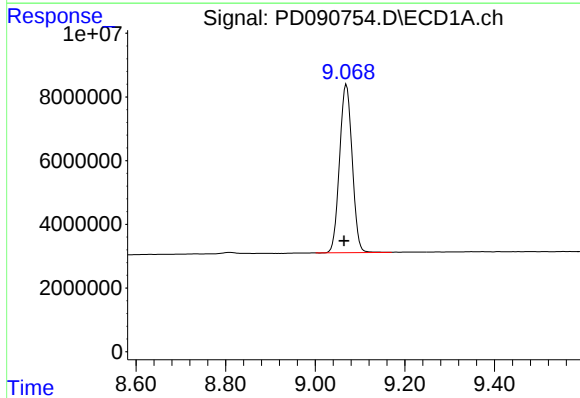
R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



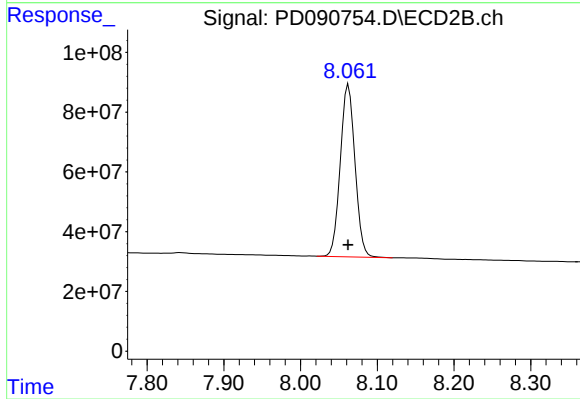
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 9385050
Conc: 6.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.005 min
Response: 103083892
Conc: 22.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 768875869
Conc: 25.38 ng/ml