

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100125\
 Data File : PD090477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 09:24
 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 03 01:38:59 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	2.875	62450407	517.4E6	19.213	18.850
28)	SA Decachlor...	9.065	8.061	102.4E6	651.5E6	21.225	20.100
Target Compounds							
2)	A alpha-BHC	3.994	3.386	60082597	430.8E6	8.602	9.840
3)	MA gamma-BHC...	4.325	3.722	58577455	404.3E6	8.853	9.925
4)	MA Heptachlor	4.912	4.073	400803	1097896	0.061	0.027 #
5)	MB Aldrin	0.000	4.359	0	1447697	N.D.	0.036 #
6)	B beta-BHC	4.512	4.019	24922434	172.2E6	9.660	9.936
7)	B delta-BHC	4.771	4.255	704509	850287	0.109	0.021 #
8)	B Heptachlo...	0.000	4.888f	0	84050473	N.D.	2.280 #
9)	A Endosulfan I	0.000	5.225f	0	1656845	N.D.	0.048 #
10)	B gamma-Chl...	5.935	5.116	277230	1629742	0.049	0.041
12)	B 4,4'-DDE	6.193	5.369	277476	2287454	0.053	0.060
13)	MA Dieldrin	6.362f	5.503	76419	1431088	0.013	0.037 #
14)	MA Endrin	6.568	5.780	249.0E6	1665.9E6	50.886	46.492
15)	B Endosulfa...	6.797f	6.078	5137678	2371343	1.053	0.070 #
16)	A 4,4'-DDD	6.700	5.922	5190173	17699895	1.267	0.546 #
17)	MA 4,4'-DDT	7.016	6.174	458.7E6	3129.4E6	103.030	91.026
18)	B Endrin al...	6.926	6.247	2517482	13846095	0.734	0.588
19)	B Endosulfa...	0.000	6.464	0	478570	N.D.	0.015 #
20)	A Methoxychlor	7.489	6.744	567.3E6	3353.9E6	240.747	192.747
21)	B Endrin ke...	7.625	6.981	2709424	9515893	0.548	0.264 #
22)	Mirex	0.000	7.168	0	8185732	N.D.	0.297 #
23)	Chlordane-1	0.000	3.888	0	671603	N.D.	0.558 #
24)	Chlordane-2	0.000	4.481	0	3692287	N.D.	2.953 #
25)	Chlordane-3	5.935	5.116	277230	1629742	0.331	0.430 #
26)	Chlordane-4	0.000	5.193	0	4360363	N.D.	1.339 #
27)	Chlordane-5	6.872	6.078	1300552	2371343	7.305	1.563 #

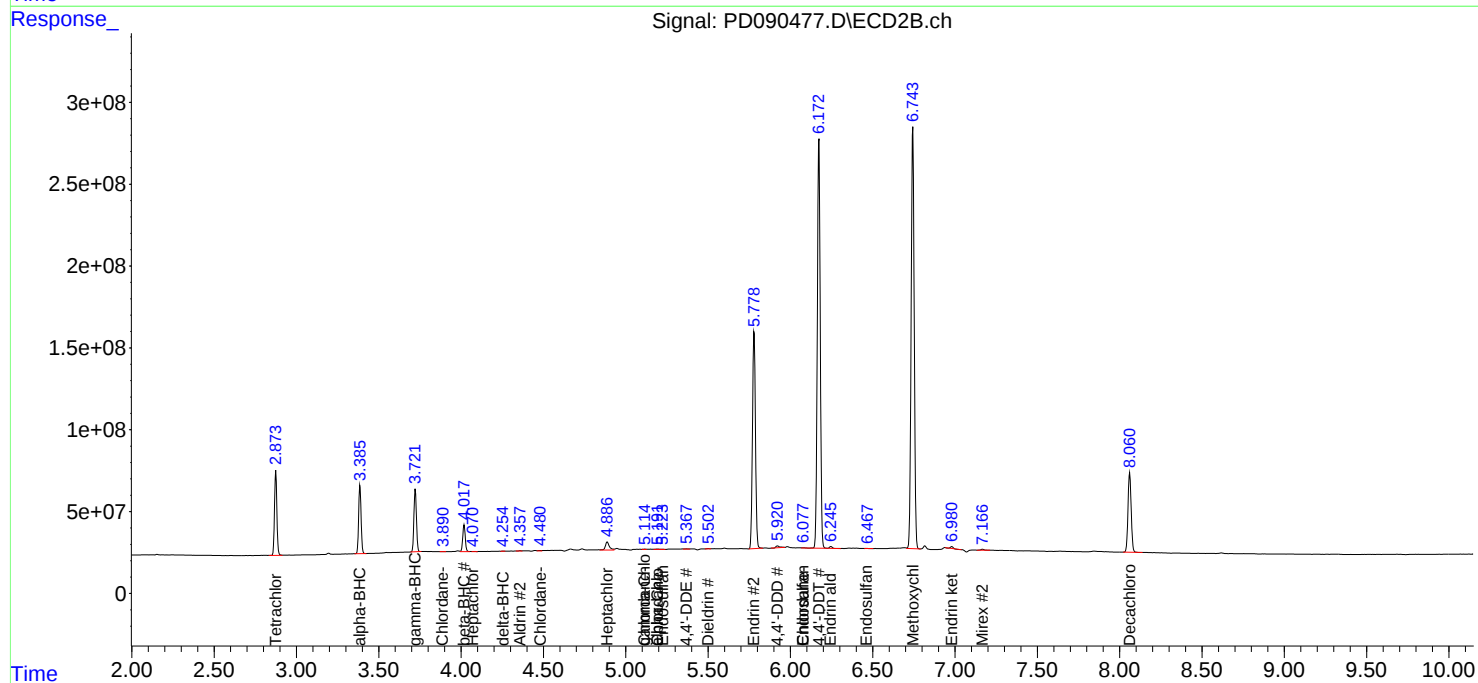
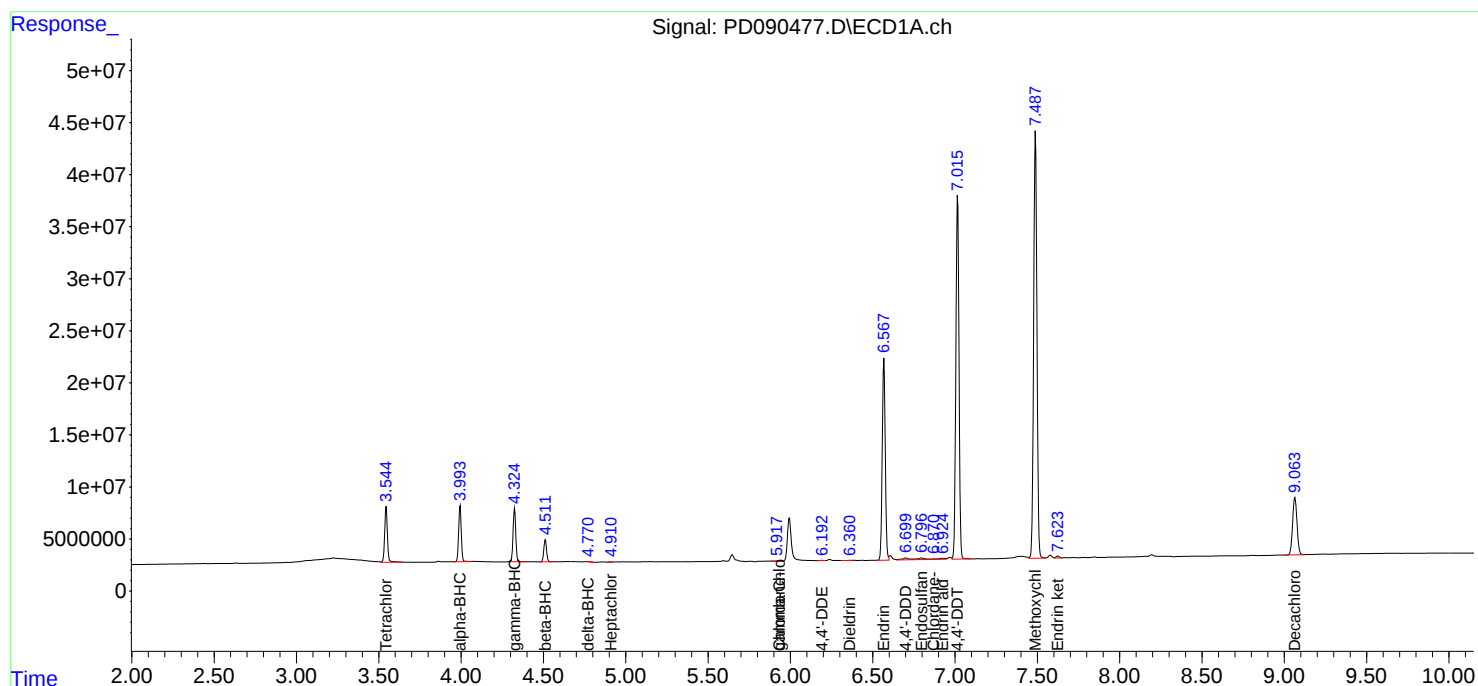
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

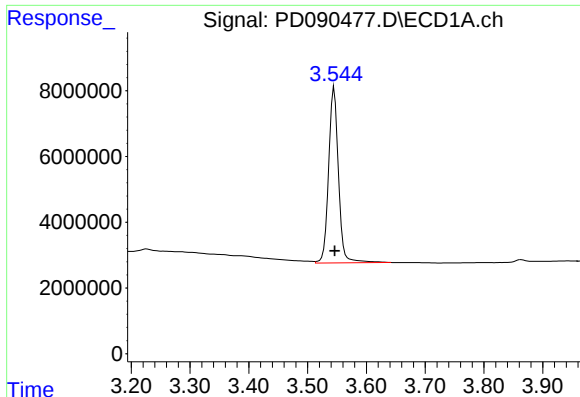
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100125\
Data File : PD090477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 09:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:38:59 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

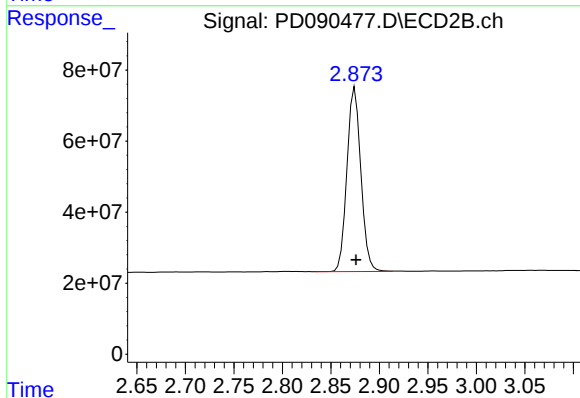




#1 Tetrachloro-m-xylene

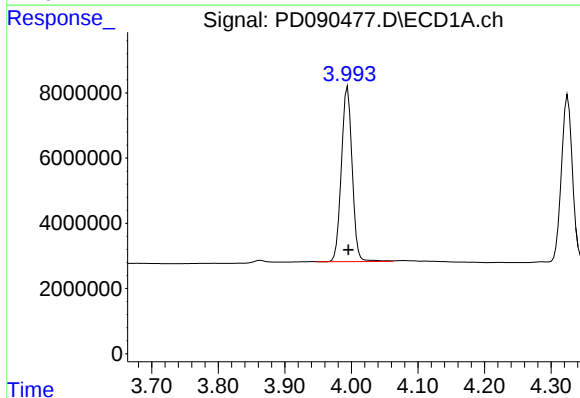
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 62450407
Conc: 19.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



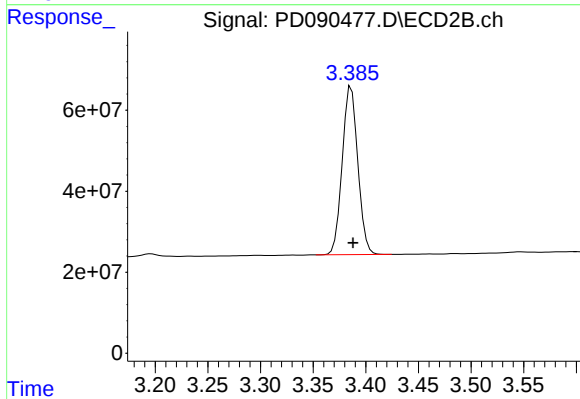
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 517422348
Conc: 18.85 ng/ml



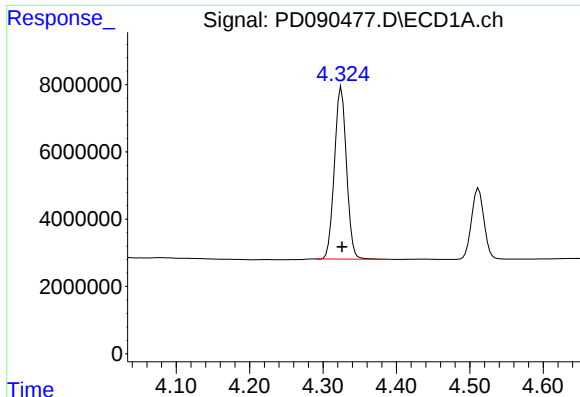
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 60082597
Conc: 8.60 ng/ml



#2 alpha-BHC

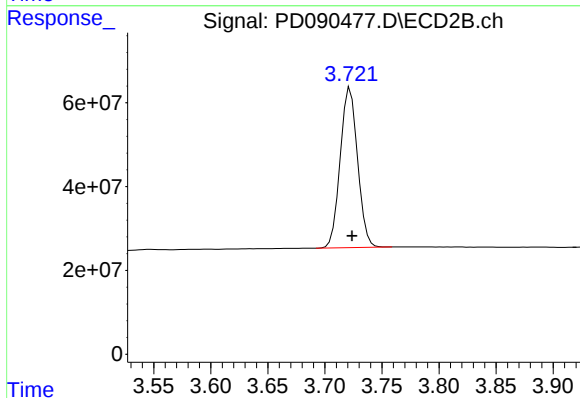
R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 430845656
Conc: 9.84 ng/ml



#3 gamma-BHC (Lindane)

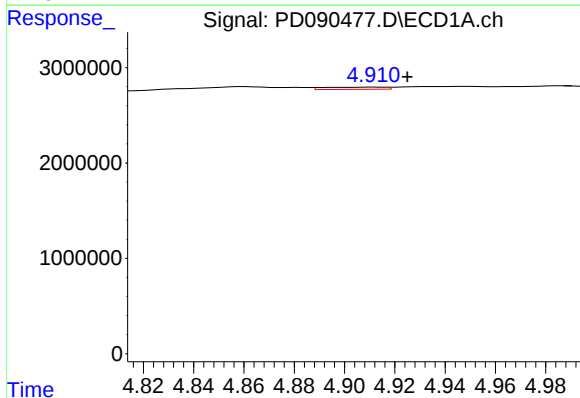
R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 58577455
Conc: 8.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



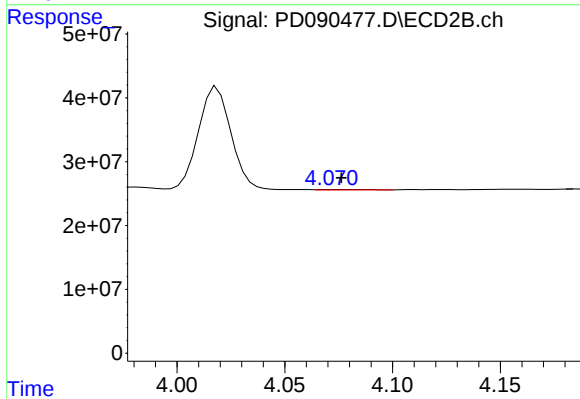
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 404293384
Conc: 9.92 ng/ml



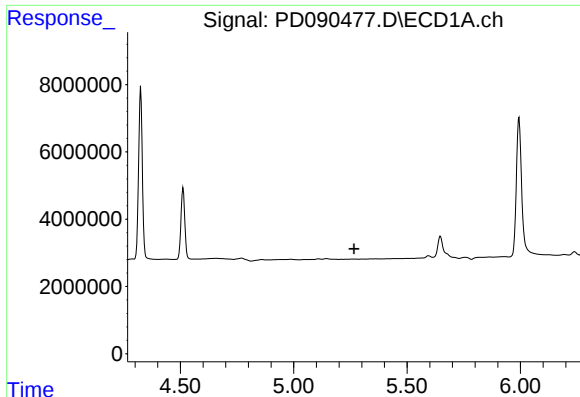
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.013 min
Response: 400803
Conc: 0.06 ng/ml



#4 Heptachlor

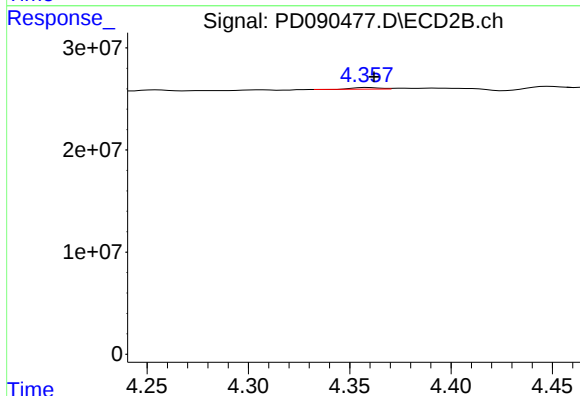
R.T.: 4.073 min
Delta R.T.: -0.004 min
Response: 1097896
Conc: 0.03 ng/ml



#5 Aldrin

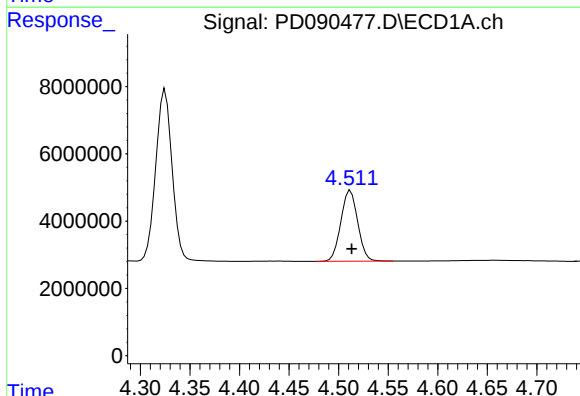
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



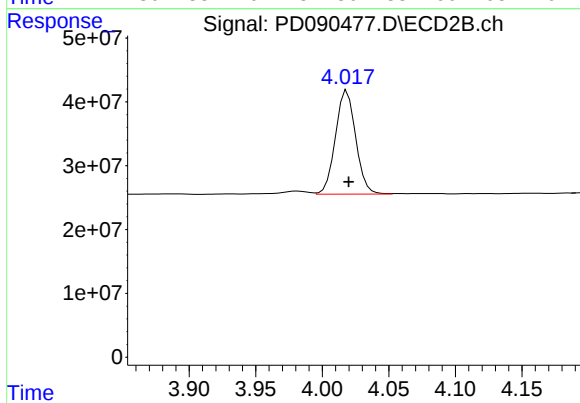
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 1447697
Conc: 0.04 ng/ml



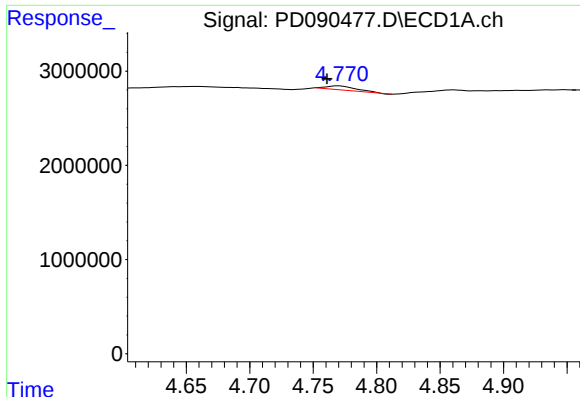
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 24922434
Conc: 9.66 ng/ml



#6 beta-BHC

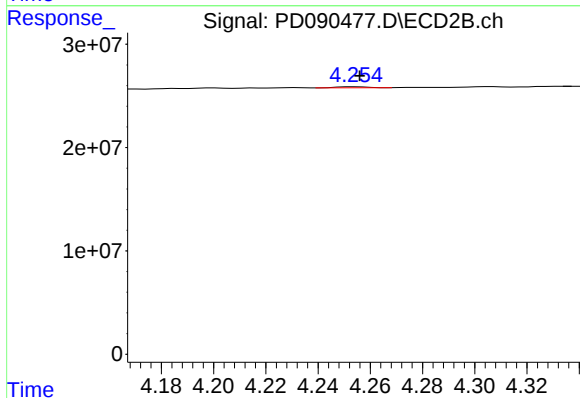
R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 172246965
Conc: 9.94 ng/ml



#7 delta-BHC

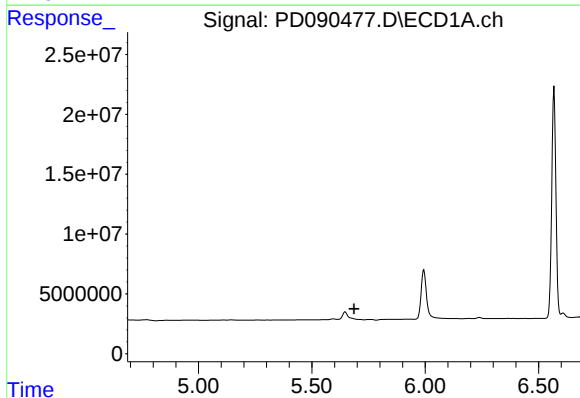
R.T.: 4.771 min
Delta R.T.: 0.010 min
Response: 704509
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



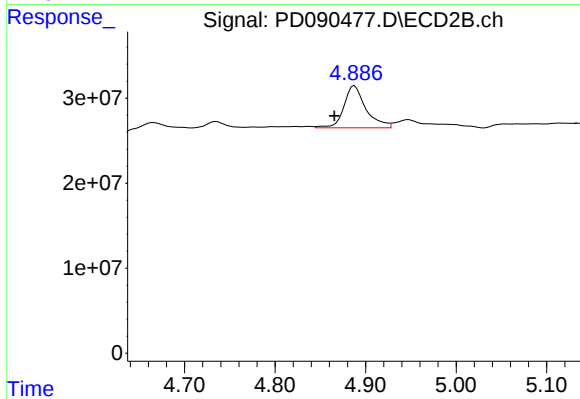
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 850287
Conc: 0.02 ng/ml



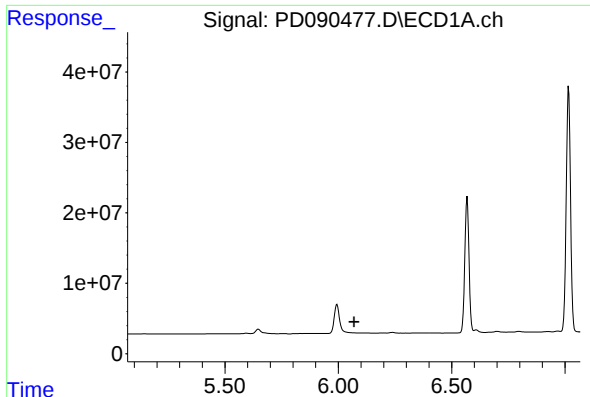
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.686 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

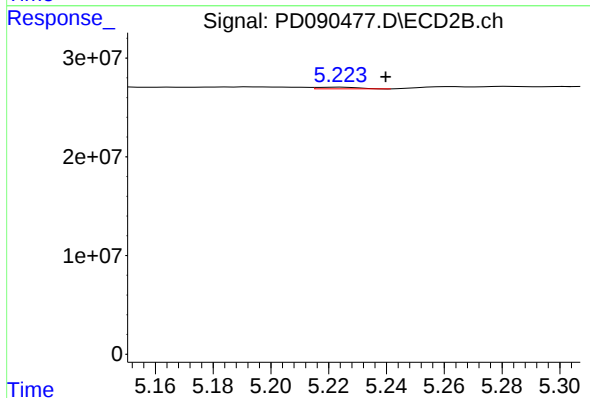
R.T.: 4.888 min
Delta R.T.: 0.022 min
Response: 84050473
Conc: 2.28 ng/ml



#9 Endosulfan I

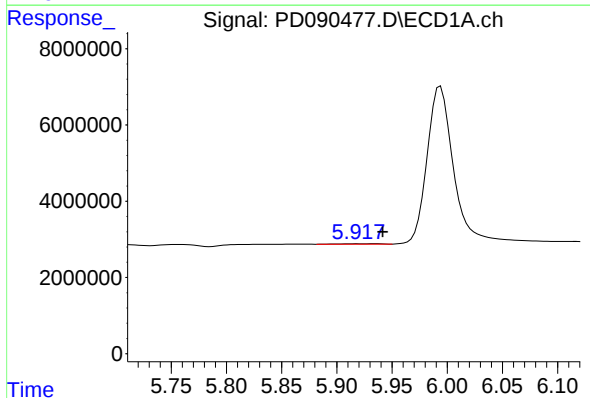
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



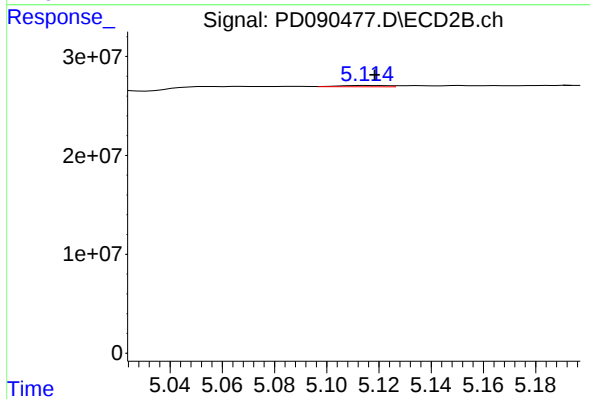
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.015 min
Response: 1656845
Conc: 0.05 ng/ml



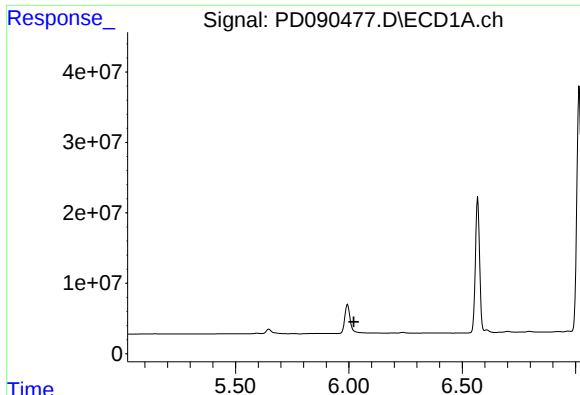
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 277230
Conc: 0.05 ng/ml



#10 gamma-Chlordane

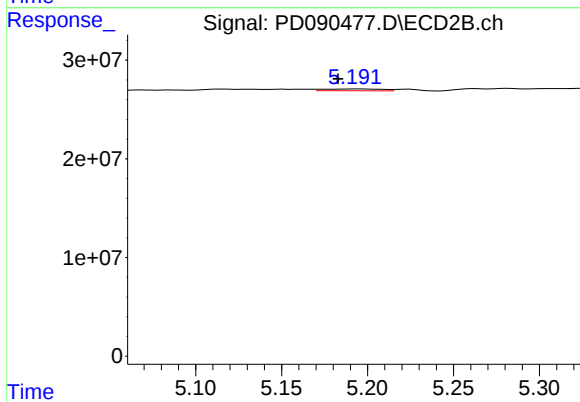
R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 1629742
Conc: 0.04 ng/ml



#11 alpha-Chlordane

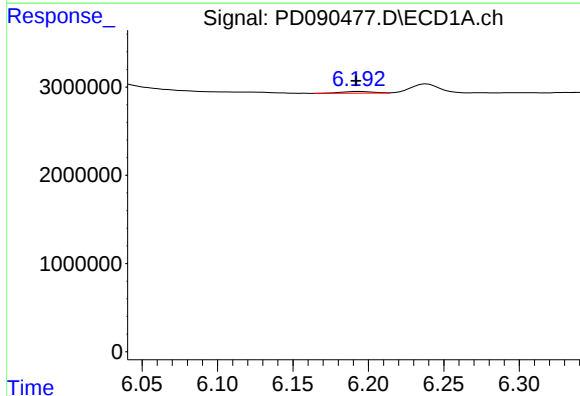
R.T.: 5.994 min
Delta R.T.: -0.028 min
Response: -20531949
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



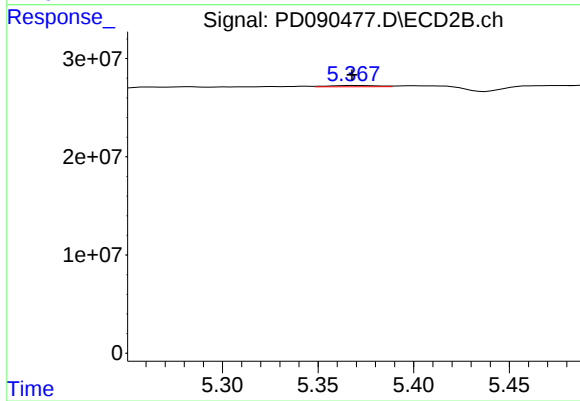
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.010 min
Response: 4360363
Conc: 0.12 ng/ml



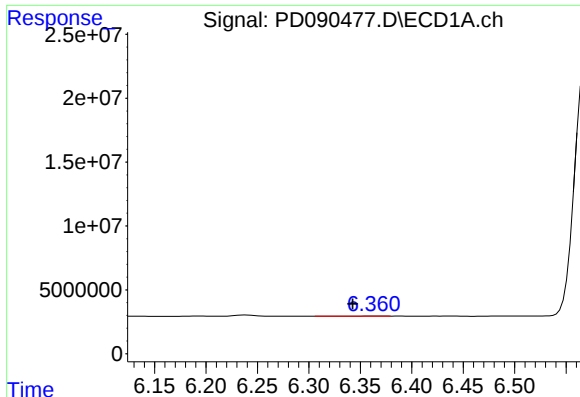
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 277476
Conc: 0.05 ng/ml



#12 4,4'-DDE

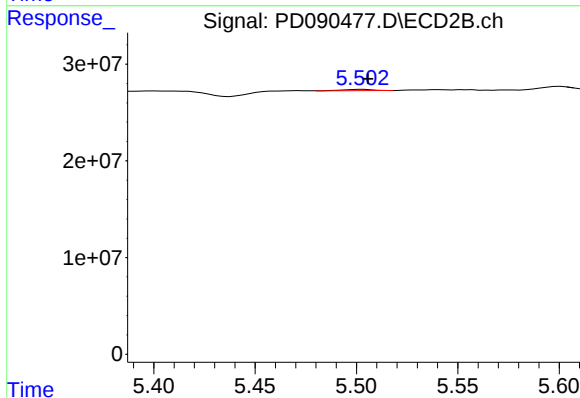
R.T.: 5.369 min
Delta R.T.: 0.001 min
Response: 2287454
Conc: 0.06 ng/ml



#13 Dieldrin

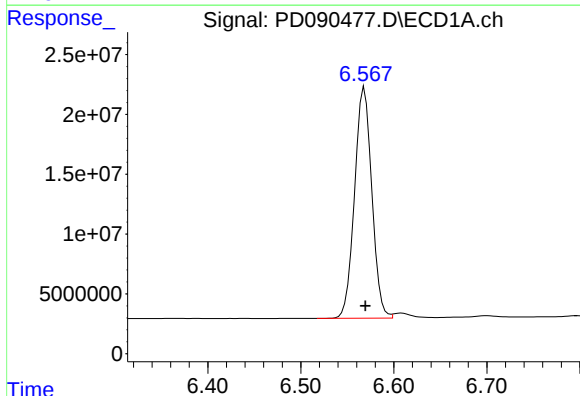
R.T.: 6.362 min
Delta R.T.: 0.020 min
Response: 76419
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



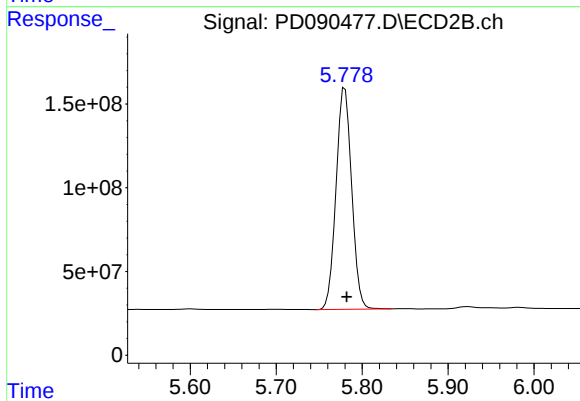
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 1431088
Conc: 0.04 ng/ml



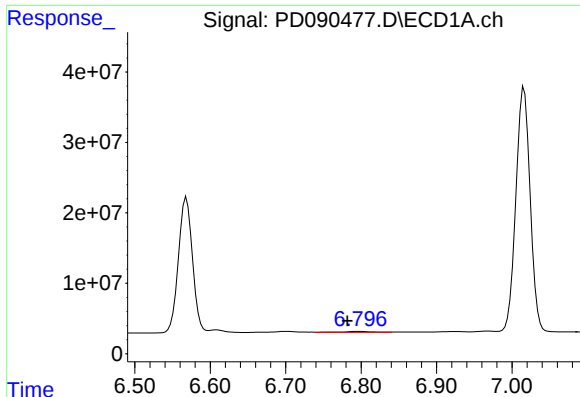
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 249034535
Conc: 50.89 ng/ml



#14 Endrin

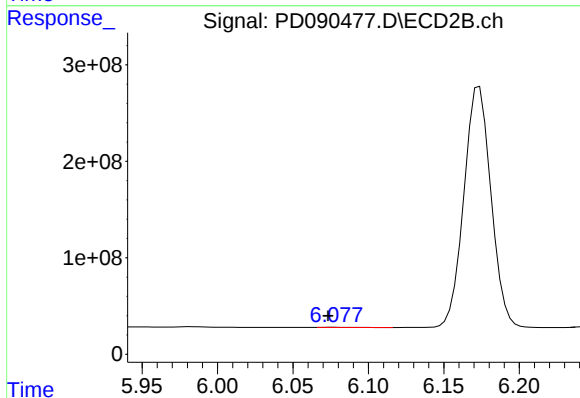
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1665922700
Conc: 46.49 ng/ml



#15 Endosulfan II

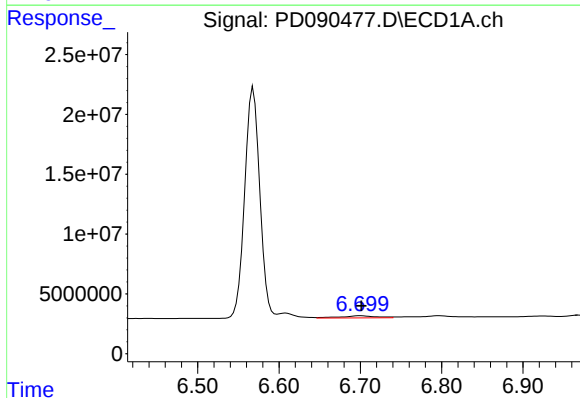
R.T.: 6.797 min
Delta R.T.: 0.016 min
Response: 5137678
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



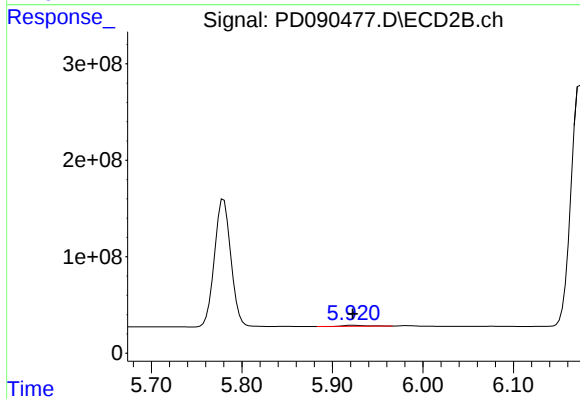
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.005 min
Response: 2371343
Conc: 0.07 ng/ml



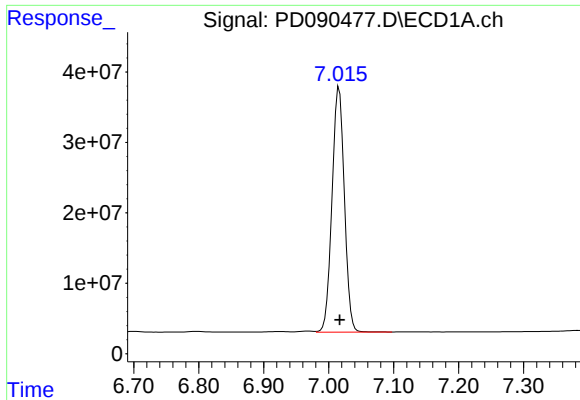
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 5190173
Conc: 1.27 ng/ml



#16 4,4'-DDD

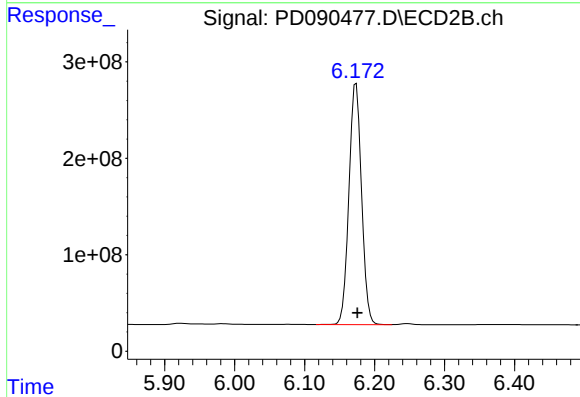
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 17699895
Conc: 0.55 ng/ml



#17 4,4'-DDT

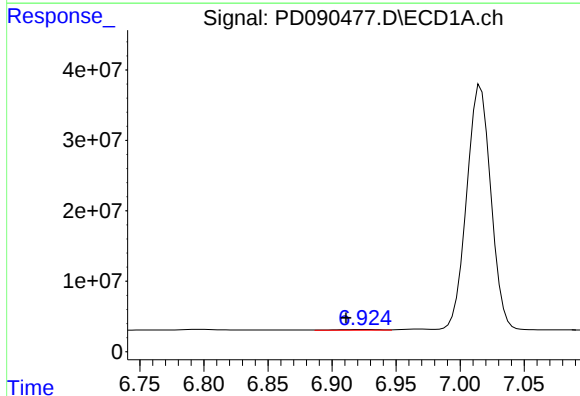
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 458737429
Conc: 103.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



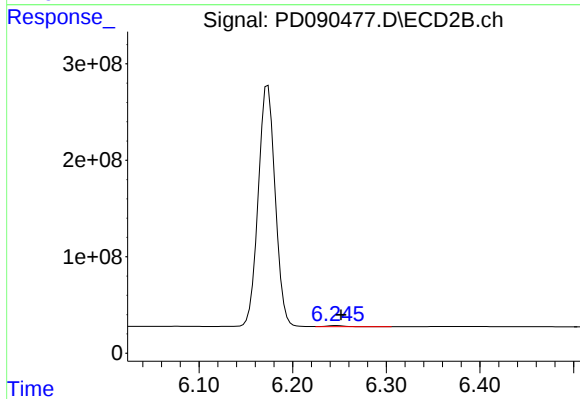
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 3129383284
Conc: 91.03 ng/ml



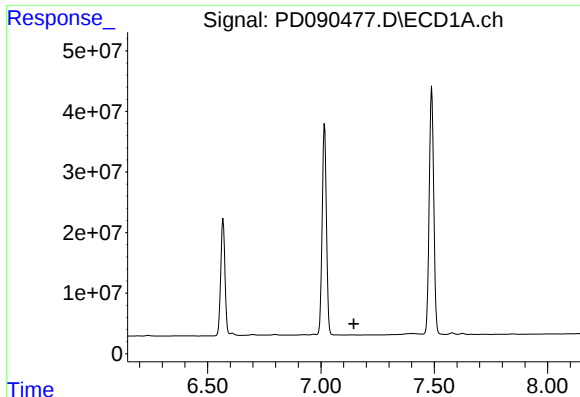
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.015 min
Response: 2517482
Conc: 0.73 ng/ml



#18 Endrin aldehyde

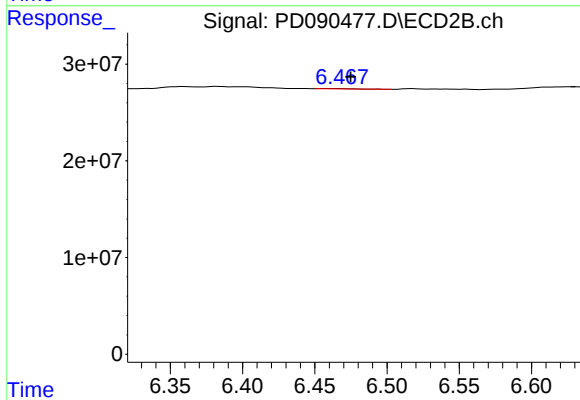
R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 13846095
Conc: 0.59 ng/ml



#19 Endosulfan Sulfate

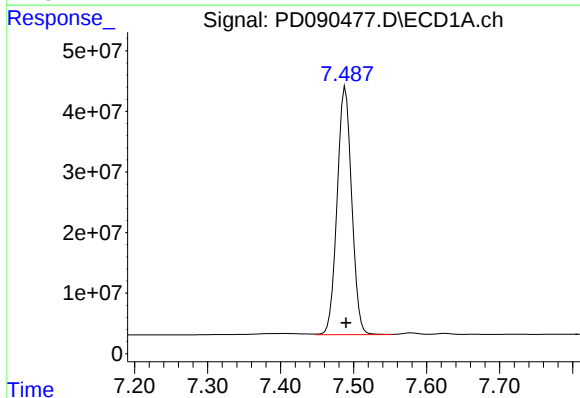
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



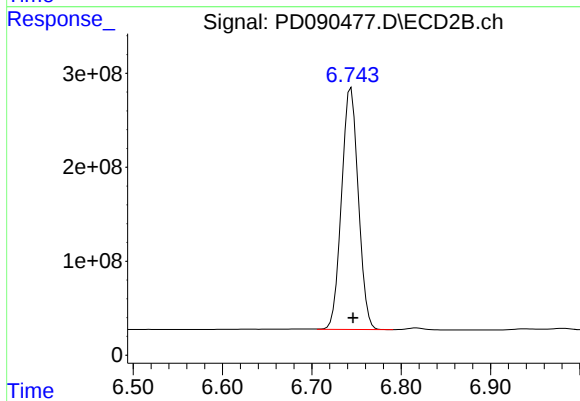
#19 Endosulfan Sulfate

R.T.: 6.464 min
Delta R.T.: -0.011 min
Response: 478570
Conc: 0.01 ng/ml



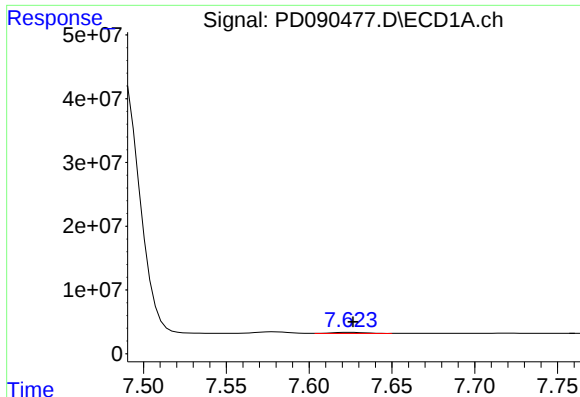
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 567322325
Conc: 240.75 ng/ml



#20 Methoxychlor

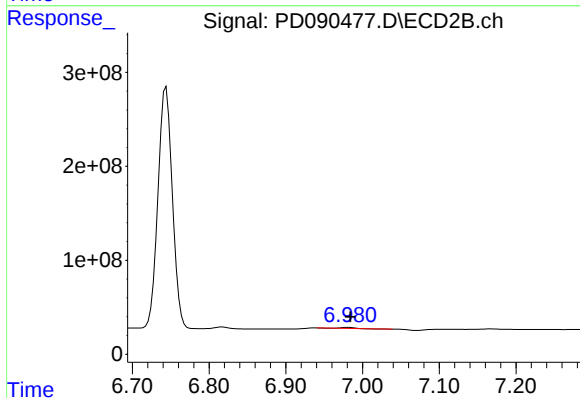
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 3353862072
Conc: 192.75 ng/ml



#21 Endrin ketone

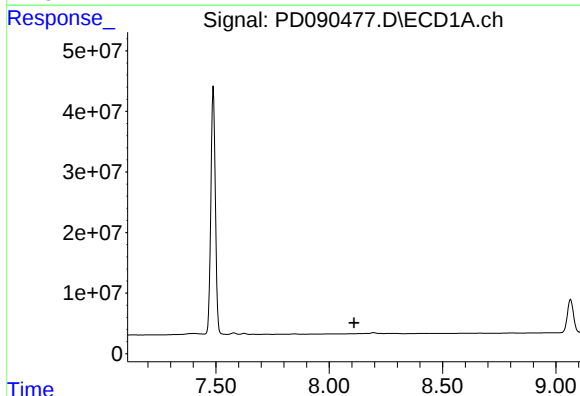
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 2709424
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



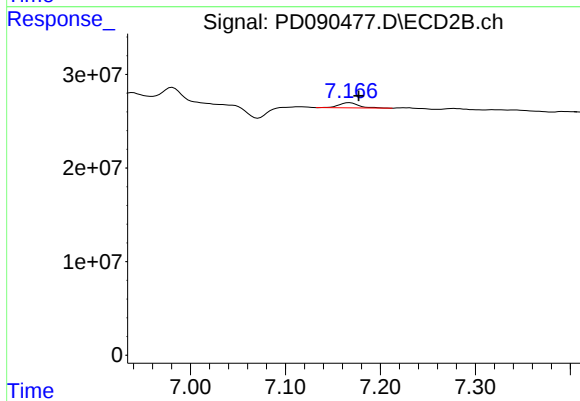
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 9515893
Conc: 0.26 ng/ml



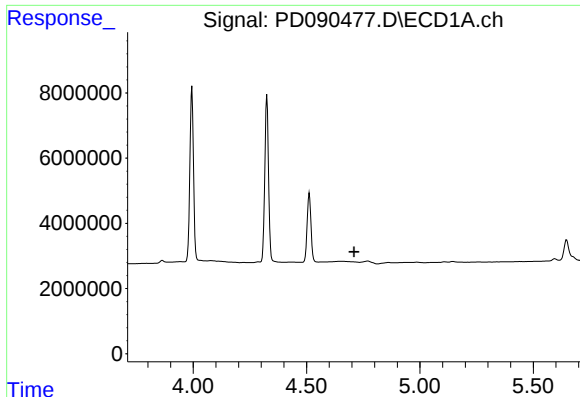
#22 Mirex

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



#22 Mirex

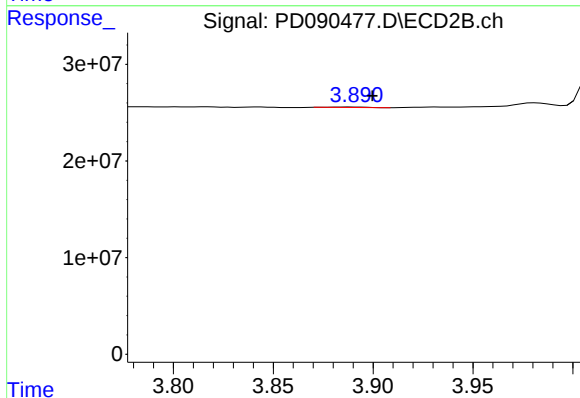
R.T.: 7.168 min
Delta R.T.: -0.010 min
Response: 8185732
Conc: 0.30 ng/ml



#23 Chlordane-1

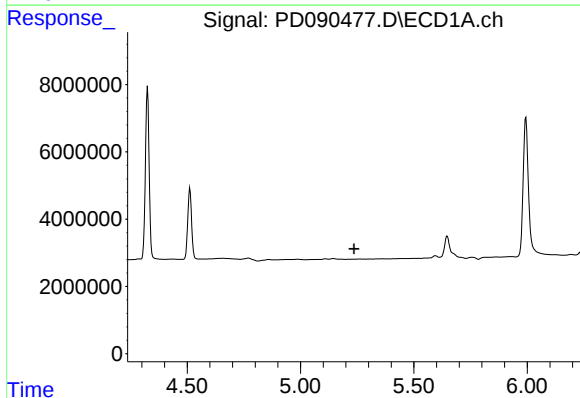
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



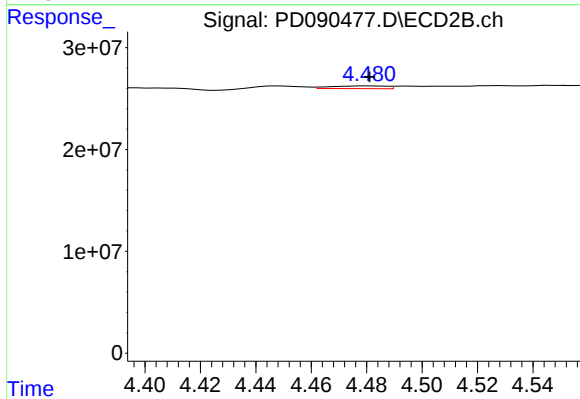
#23 Chlordane-1

R.T.: 3.888 min
Delta R.T.: -0.011 min
Response: 671603
Conc: 0.56 ng/ml



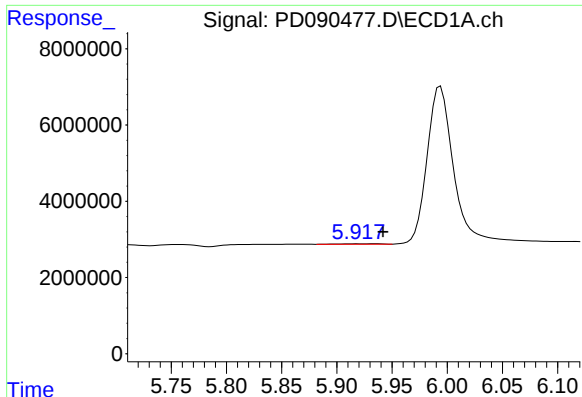
#24 Chlordane-2

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



#24 Chlordane-2

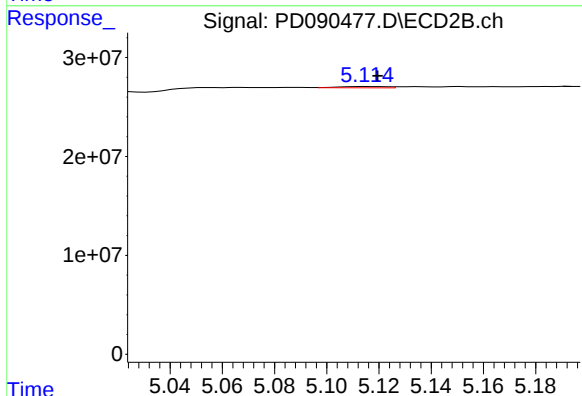
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3692287
Conc: 2.95 ng/ml



#25 Chlordane-3

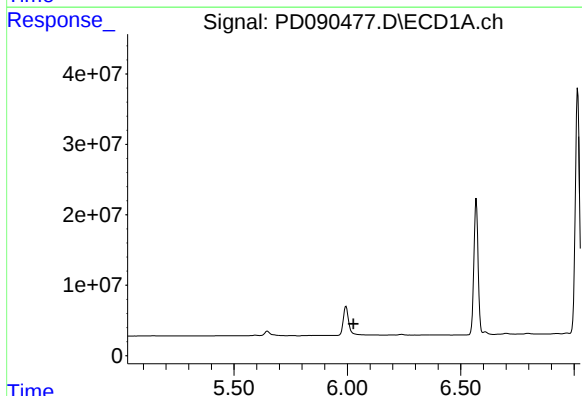
R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 277230
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



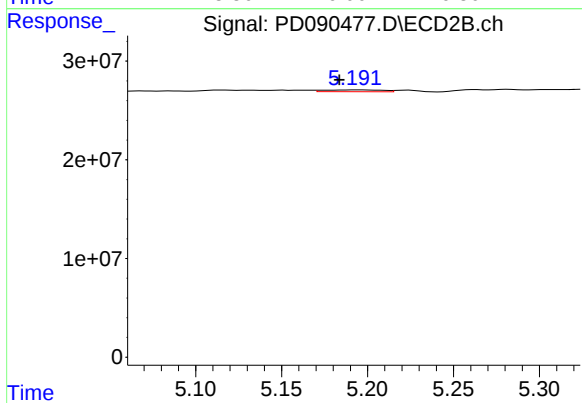
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: -0.004 min
Response: 1629742
Conc: 0.43 ng/ml



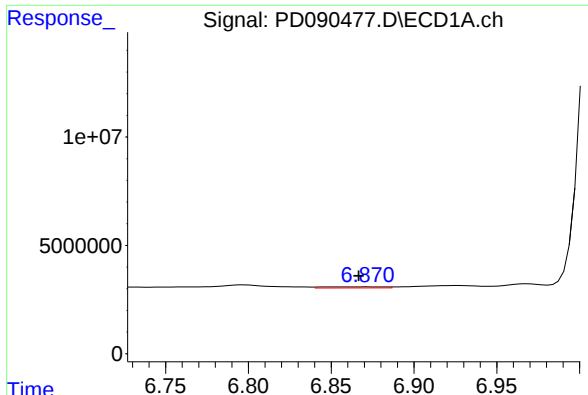
#26 Chlordane-4

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



#26 Chlordane-4

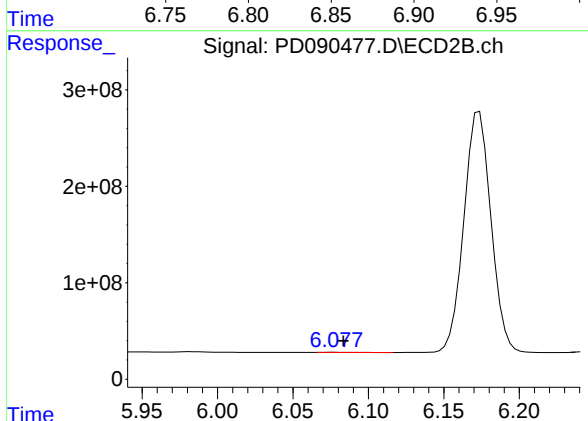
R.T.: 5.193 min
Delta R.T.: 0.009 min
Response: 4360363
Conc: 1.34 ng/ml



#27 Chlordane-5

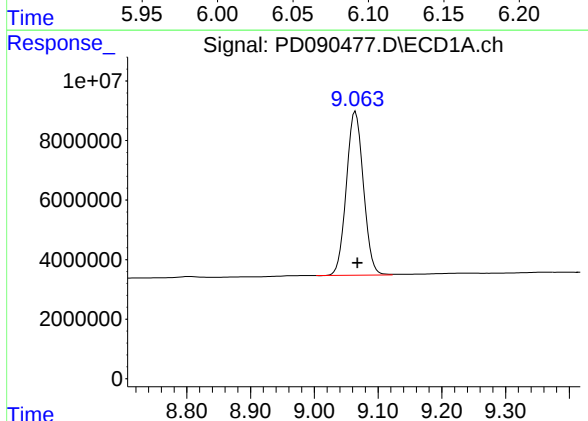
R.T.: 6.872 min
Delta R.T.: 0.005 min
Response: 1300552
Conc: 7.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



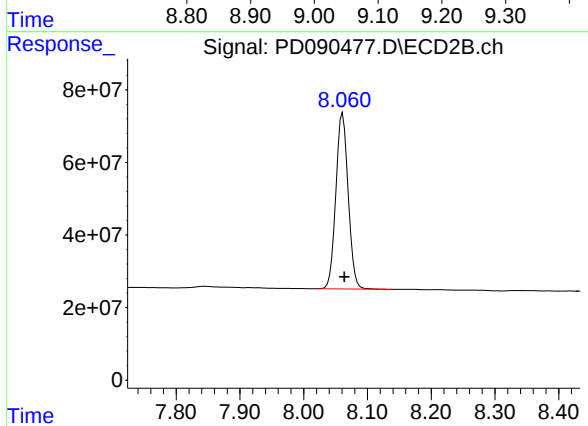
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.006 min
Response: 2371343
Conc: 1.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 102411678
Conc: 21.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 651526153
Conc: 20.10 ng/ml