

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 09:31
 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: Sep 17 02:46:10 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...	3.546	2.876	56022038	456.4E6	19.089	20.698
28)	SA Decachlor...	9.066	8.062	83511351	572.3E6	19.350	22.107
Target Compounds							
2)	A alpha-BHC	3.995	3.388	50779610	389.0E6	8.460	11.463 #
3)	MA gamma-BHC...	0.000	3.724	0	352.0E6	N.D.	11.291 #
4)	MA Heptachlor	4.944f	4.074	5642515	2146385	1.006	0.069 #
5)	MB Aldrin	0.000	4.359	0	1611765	N.D.	0.053 #
6)	B beta-BHC	4.512	4.020	21089708	153.5E6	9.402	11.514
7)	B delta-BHC	4.770	4.263	4533144	549589	0.876	0.017 #
8)	B Heptachlo...	5.679	4.876	2844959	2854687	0.580	0.103 #
9)	A Endosulfan I	0.000	5.230	0	2179283	N.D.	0.083 #
10)	B gamma-Chl...	5.939	5.120	413993	6382453	0.085	0.216 #
11)	B alpha-Chl...	6.028	5.183	495804	7424575	0.101	0.260 #
12)	B 4,4'-DDE	6.191	5.367	395424	3470615	0.090	0.120 #
13)	MA Dieldrin	0.000	5.500	0	660348	N.D.	0.023 #
14)	MA Endrin	0.000	5.782	0	1422.6E6	N.D.	53.416 #
15)	B Endosulfa...	6.801f	6.078	1776556	3382246	0.421	0.134 #
16)	A 4,4'-DDD	6.700	5.923	3701217	30271612	1.070	1.259
17)	MA 4,4'-DDT	7.016	6.175	335.6E6	2625.9E6	88.095	104.744
18)	B Endrin al...	6.911	6.249	1024640	17088169	0.357	0.992 #
19)	B Endosulfa...	0.000	6.480	0	330262	N.D.	0.014 #
20)	A Methoxychlor	7.489	6.745	423.9E6	2694.9E6	211.349	208.972
21)	B Endrin ke...	7.625	6.982	3258065	28837192	0.786	1.082 #
22)	Mirex	0.000	7.167	0	5010277	N.D.	0.243 #
23)	Chlordane-1	0.000	3.895	0	1167469	N.D.	1.313 #
24)	Chlordane-2	0.000	4.483	0	2058191	N.D.	2.149 #
25)	Chlordane-3	5.939	5.120	413993	6382453	0.610	2.303 #
26)	Chlordane-4	6.028	5.183	495804	7424575	0.597	3.085 #
27)	Chlordane-5	6.868	6.078	599683	3382246	4.279	3.075 #

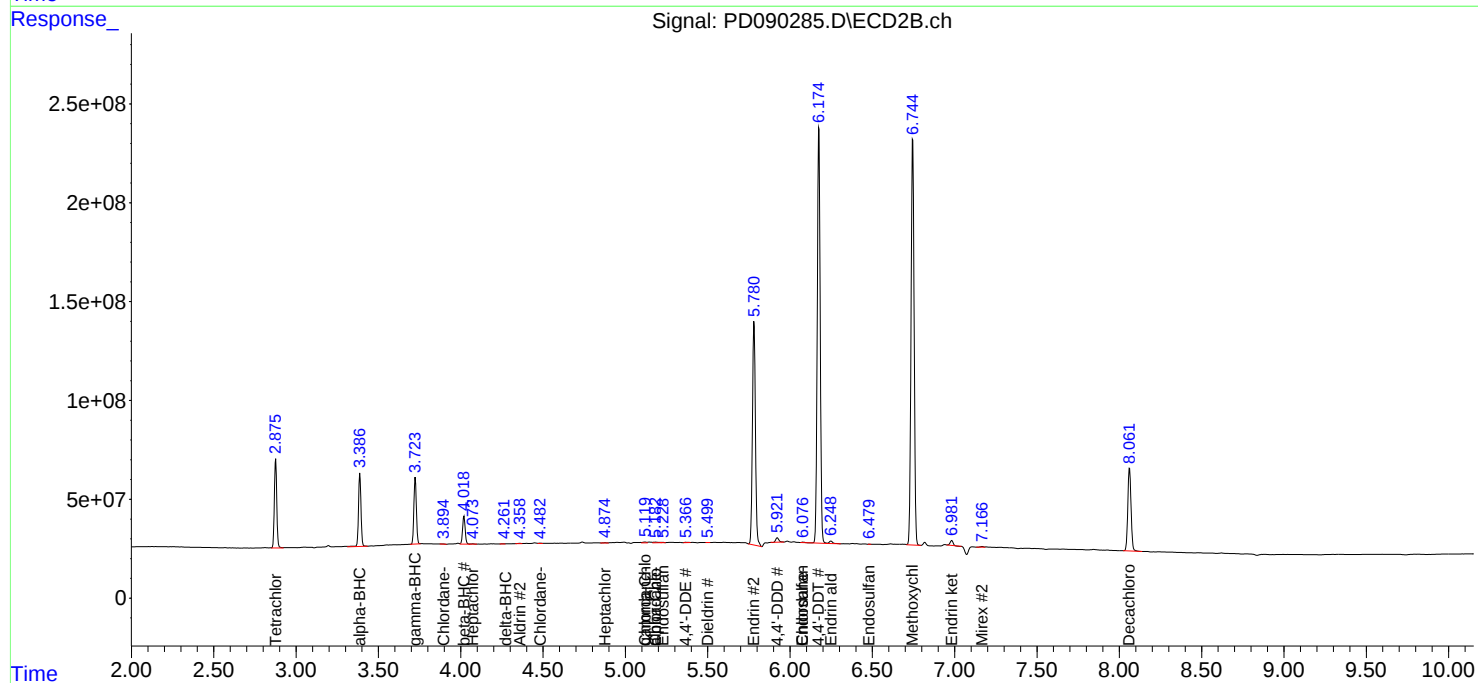
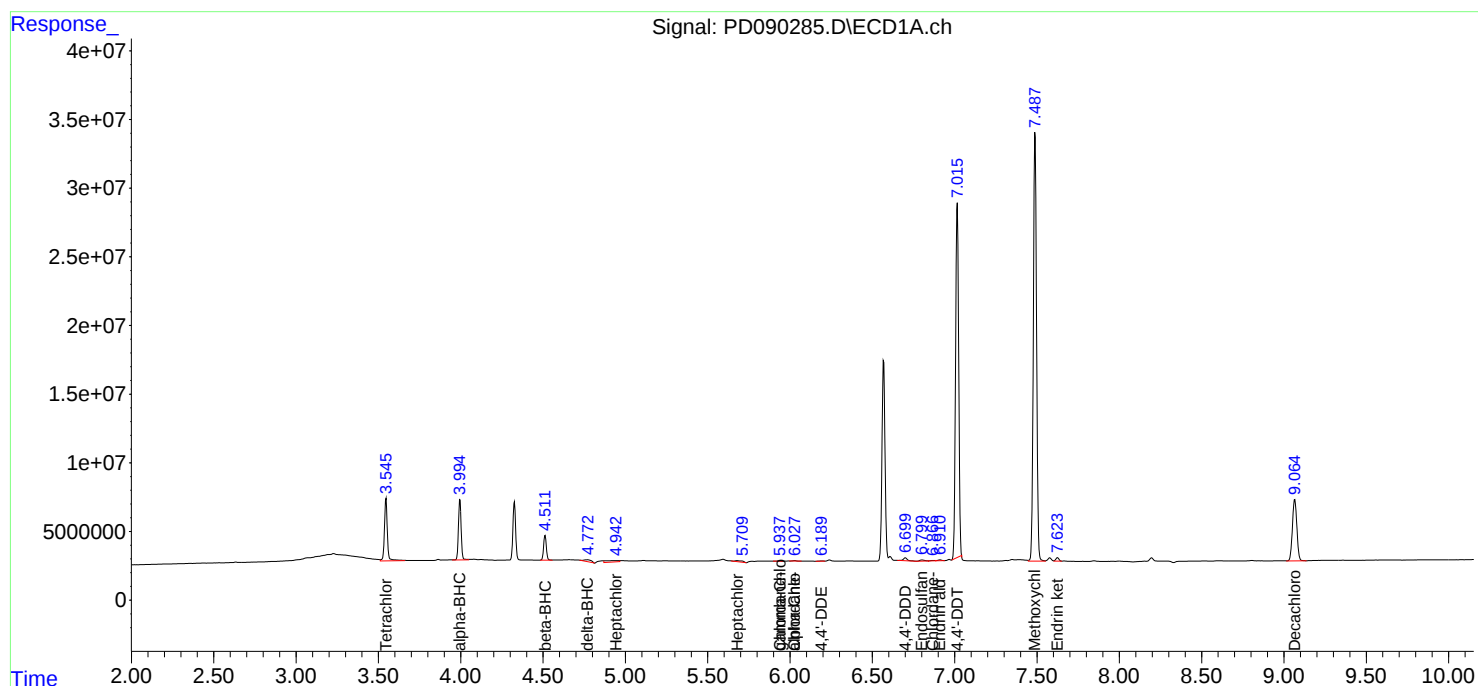
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

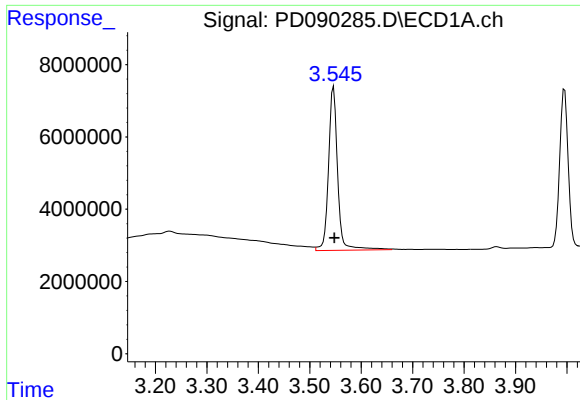
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 09:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:46:10 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

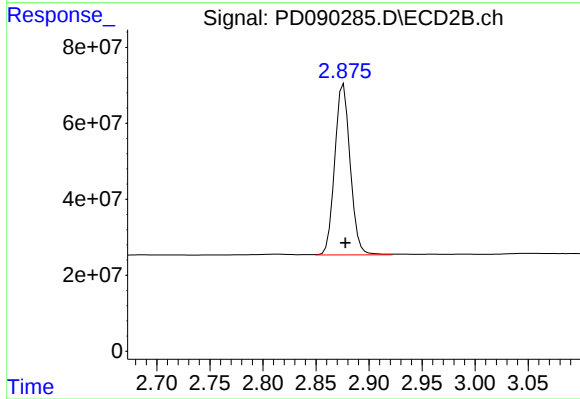




#1 Tetrachloro-m-xylene

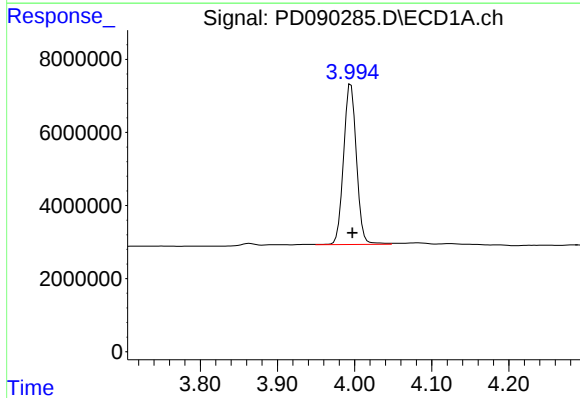
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 56022038
Conc: 19.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



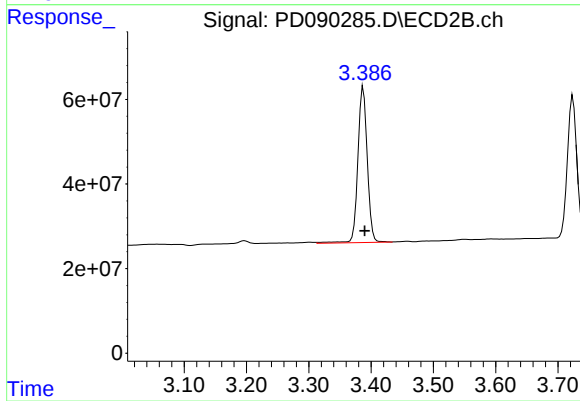
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 456406216
Conc: 20.70 ng/ml



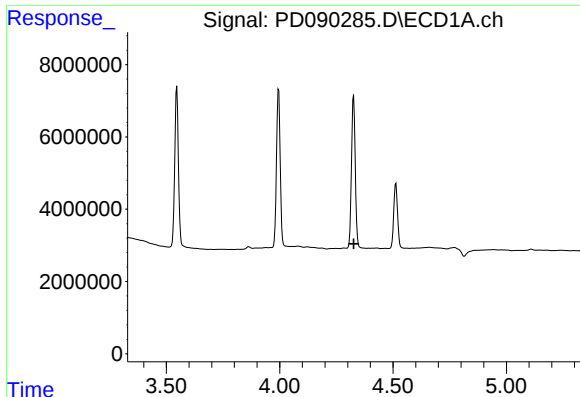
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 50779610
Conc: 8.46 ng/ml



#2 alpha-BHC

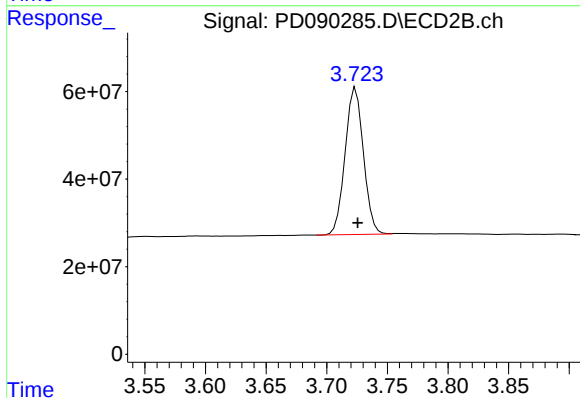
R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 389027363
Conc: 11.46 ng/ml



#3 gamma-BHC (Lindane)

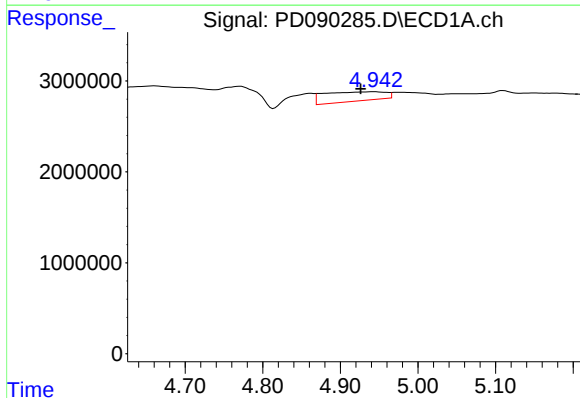
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



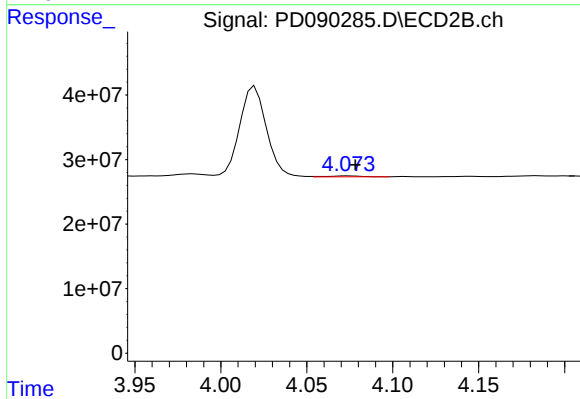
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 351962275
Conc: 11.29 ng/ml



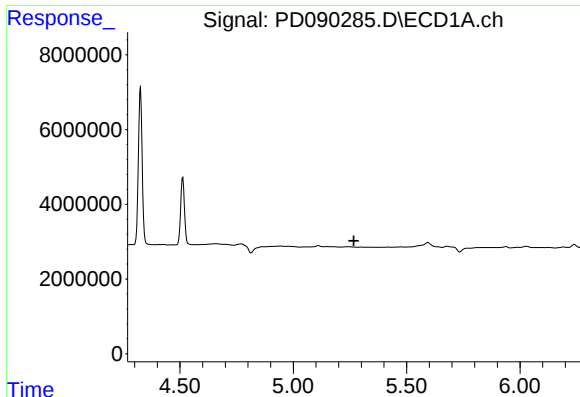
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.018 min
Response: 5642515
Conc: 1.01 ng/ml



#4 Heptachlor

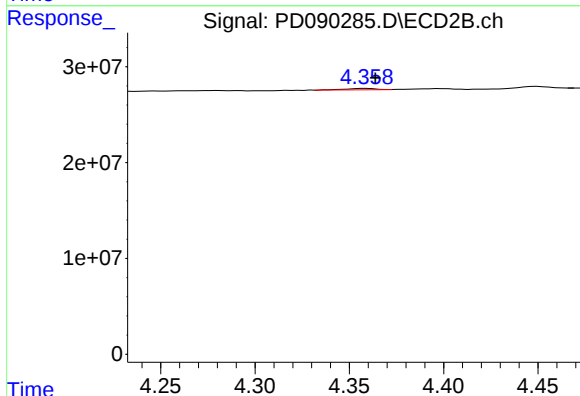
R.T.: 4.074 min
Delta R.T.: -0.004 min
Response: 2146385
Conc: 0.07 ng/ml



#5 Aldrin

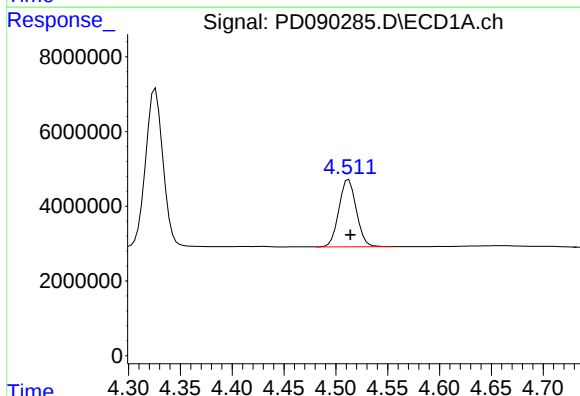
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



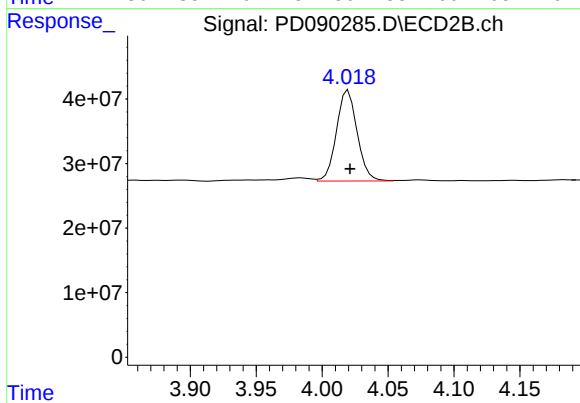
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 1611765
Conc: 0.05 ng/ml



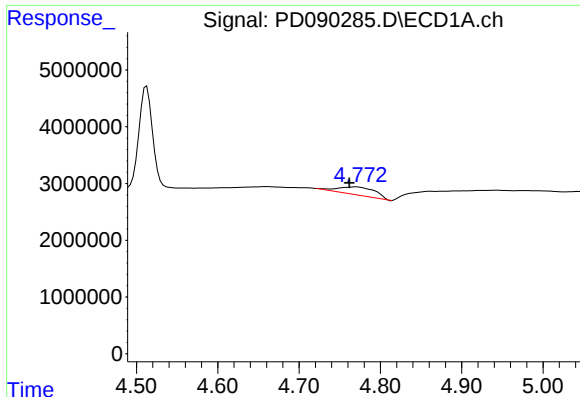
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 21089708
Conc: 9.40 ng/ml



#6 beta-BHC

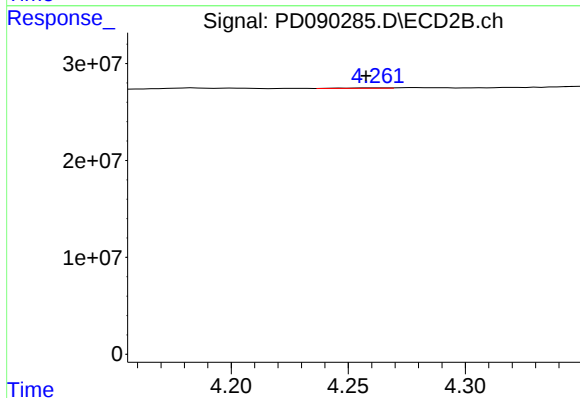
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 153486851
Conc: 11.51 ng/ml



#7 delta-BHC

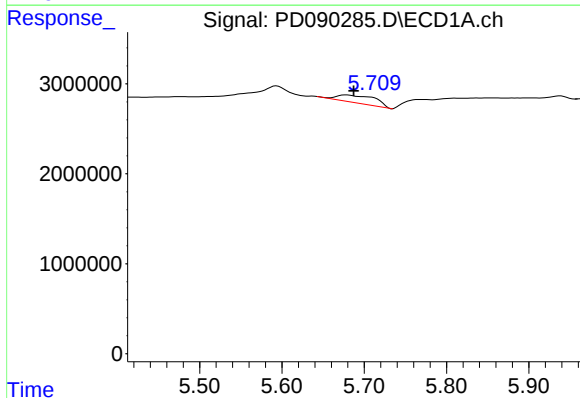
R.T.: 4.770 min
Delta R.T.: 0.009 min
Response: 4533144
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



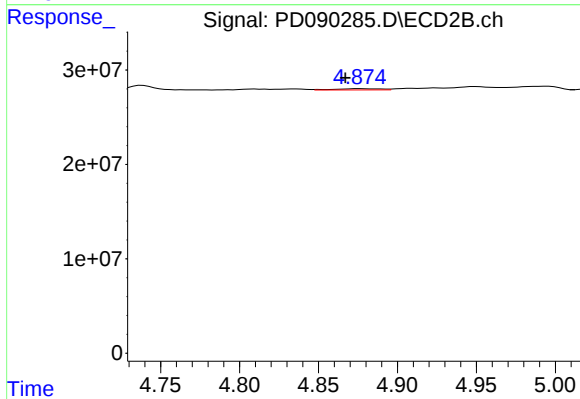
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.005 min
Response: 549589
Conc: 0.02 ng/ml



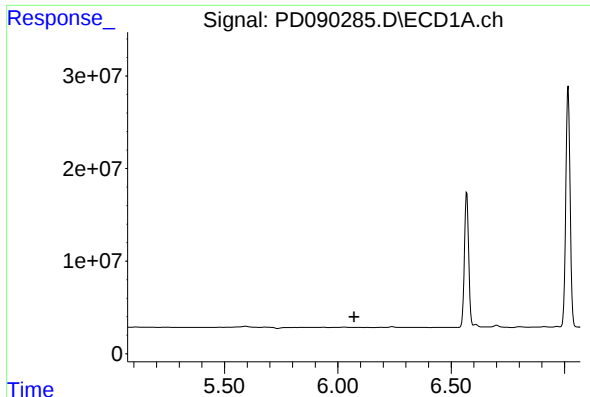
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 2844959
Conc: 0.58 ng/ml



#8 Heptachlor epoxide

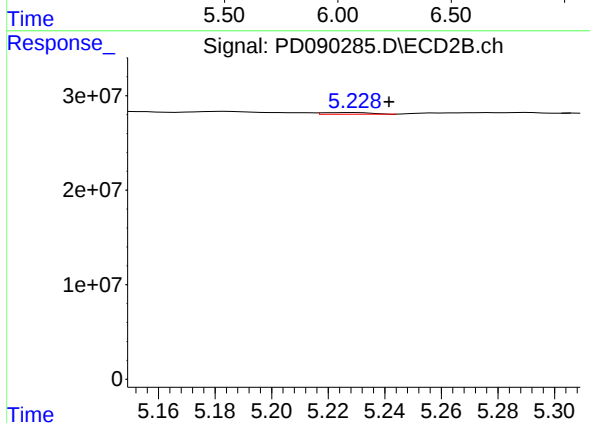
R.T.: 4.876 min
Delta R.T.: 0.009 min
Response: 2854687
Conc: 0.10 ng/ml



#9 Endosulfan I

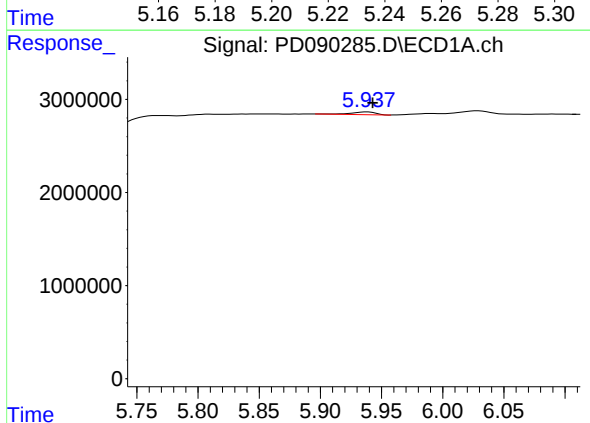
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



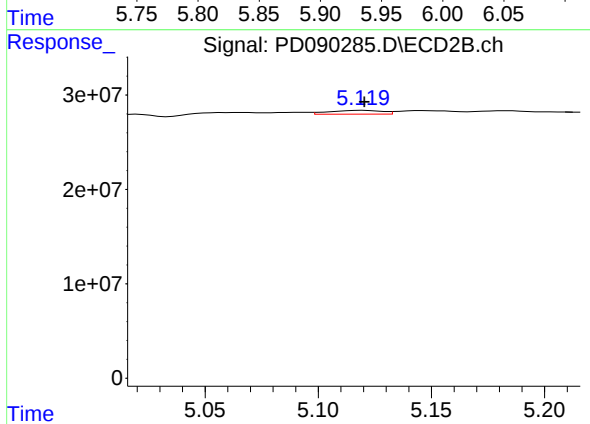
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.012 min
Response: 2179283
Conc: 0.08 ng/ml



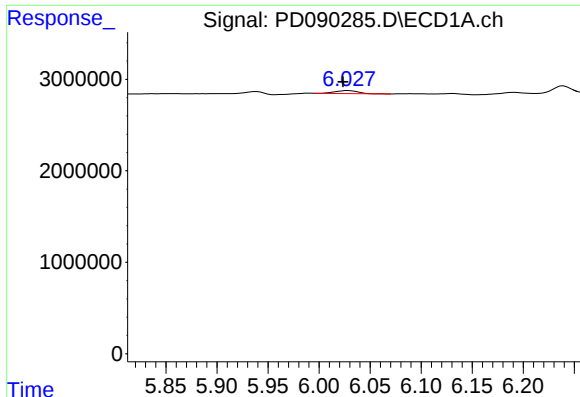
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.004 min
Response: 413993
Conc: 0.08 ng/ml



#10 gamma-Chlordane

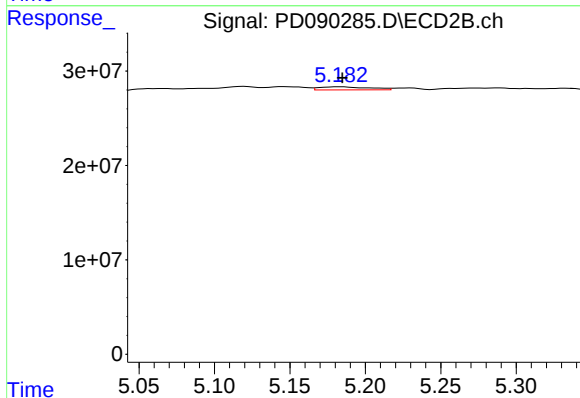
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 6382453
Conc: 0.22 ng/ml



#11 alpha-Chlordane

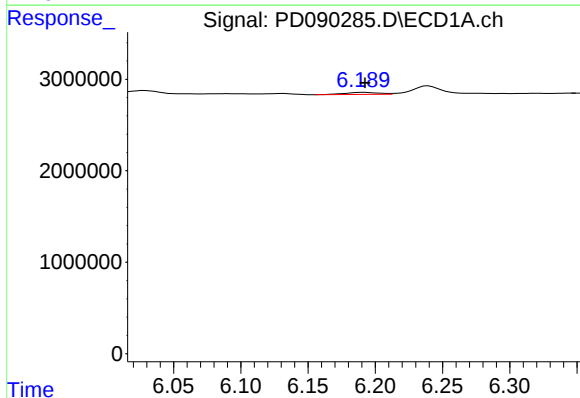
R.T.: 6.028 min
Delta R.T.: 0.005 min
Response: 495804
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



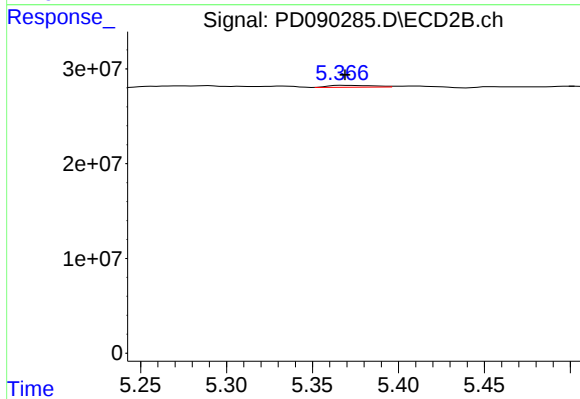
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 7424575
Conc: 0.26 ng/ml



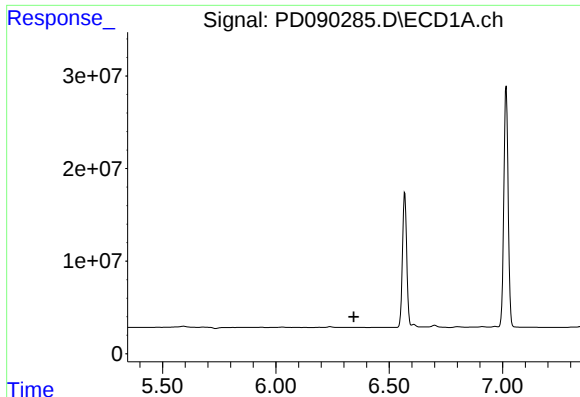
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 395424
Conc: 0.09 ng/ml



#12 4,4'-DDE

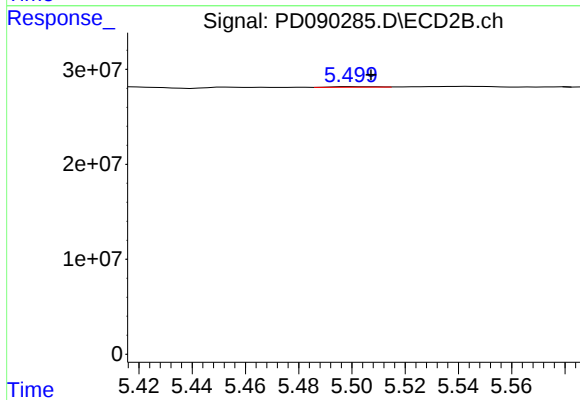
R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 3470615
Conc: 0.12 ng/ml



#13 Dieldrin

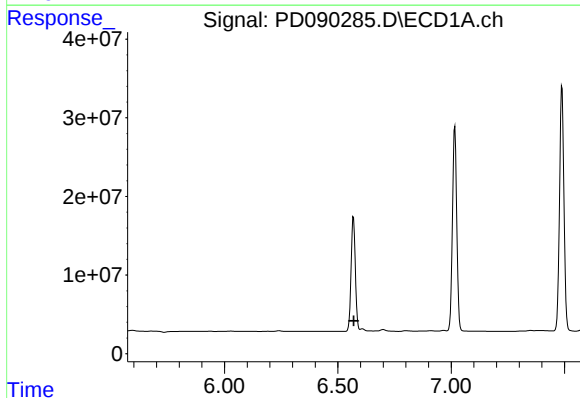
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



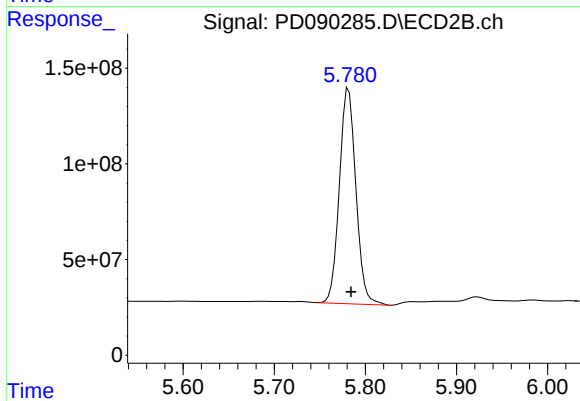
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.007 min
Response: 660348
Conc: 0.02 ng/ml



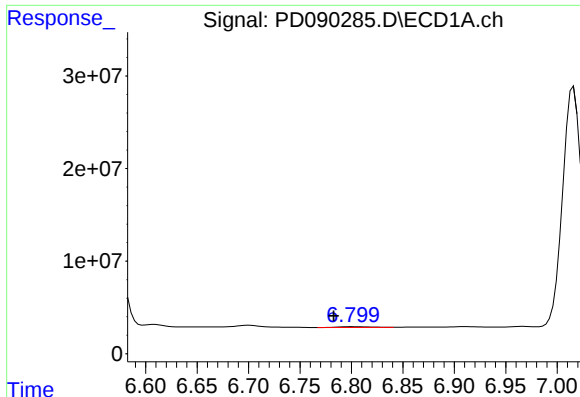
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

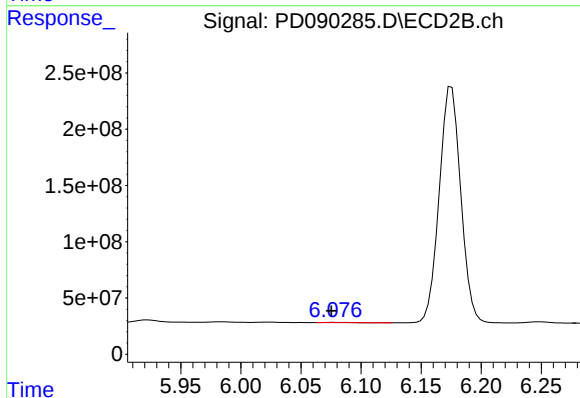
R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1422592266
Conc: 53.42 ng/ml



#15 Endosulfan II

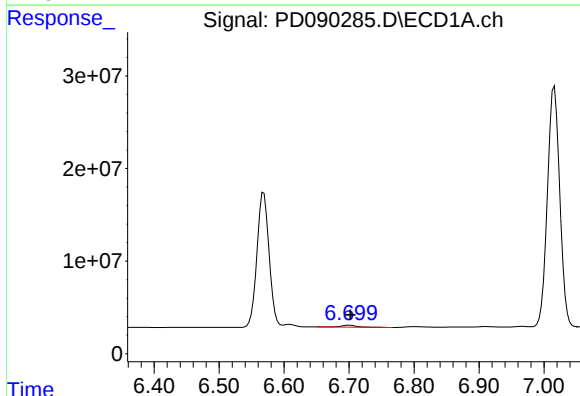
R.T.: 6.801 min
Delta R.T.: 0.018 min
Response: 1776556
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



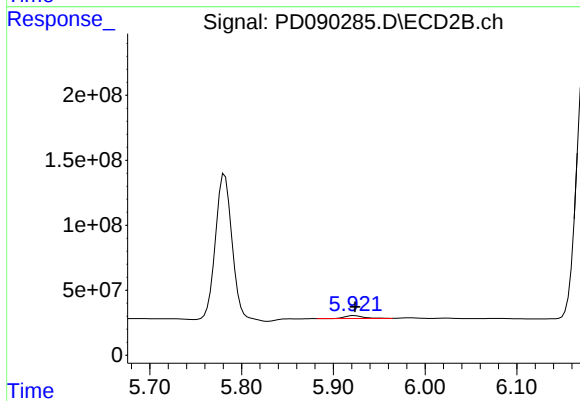
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.003 min
Response: 3382246
Conc: 0.13 ng/ml



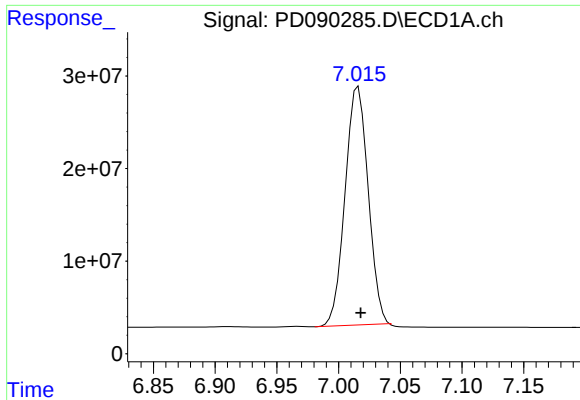
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 3701217
Conc: 1.07 ng/ml



#16 4,4'-DDD

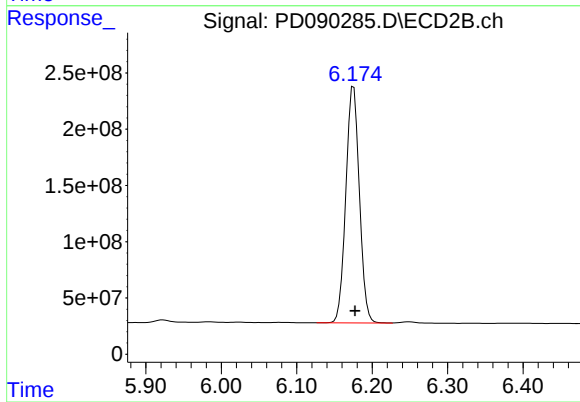
R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 30271612
Conc: 1.26 ng/ml



#17 4,4'-DDT

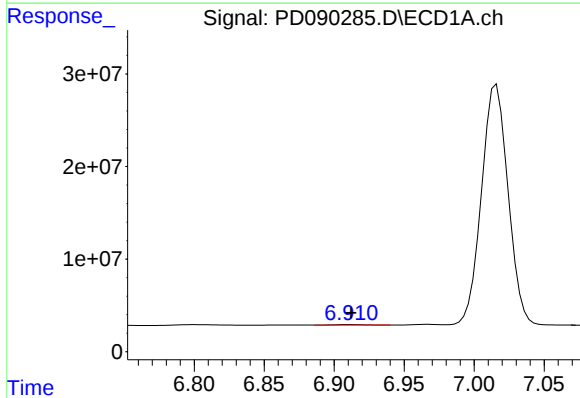
R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 335619528
Conc: 88.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



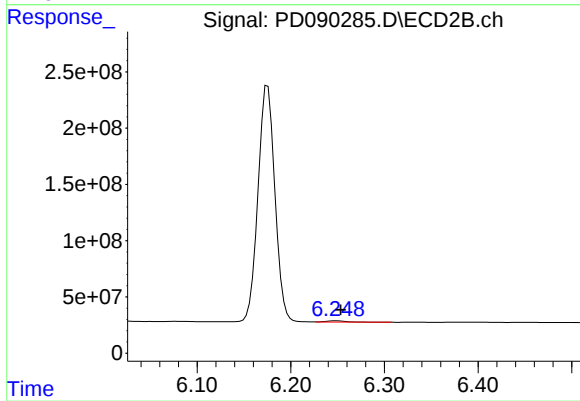
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 2625904155
Conc: 104.74 ng/ml



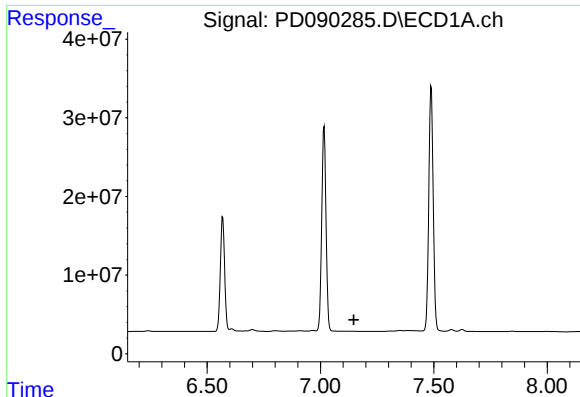
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 1024640
Conc: 0.36 ng/ml



#18 Endrin aldehyde

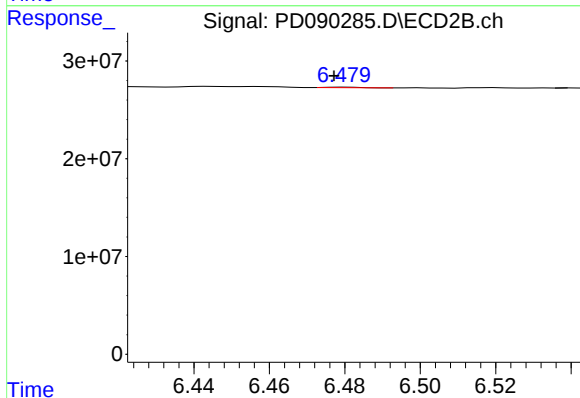
R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 17088169
Conc: 0.99 ng/ml



#19 Endosulfan Sulfate

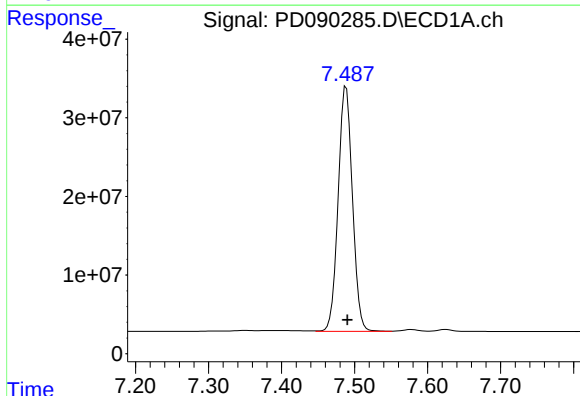
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



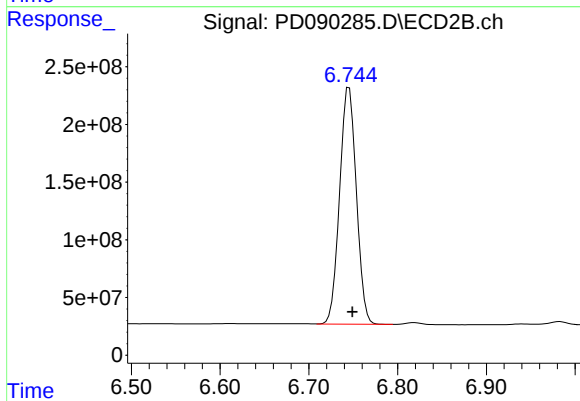
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 330262
Conc: 0.01 ng/ml



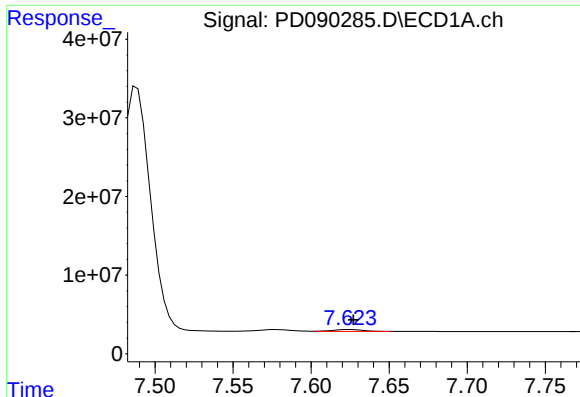
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 423885922
Conc: 211.35 ng/ml



#20 Methoxychlor

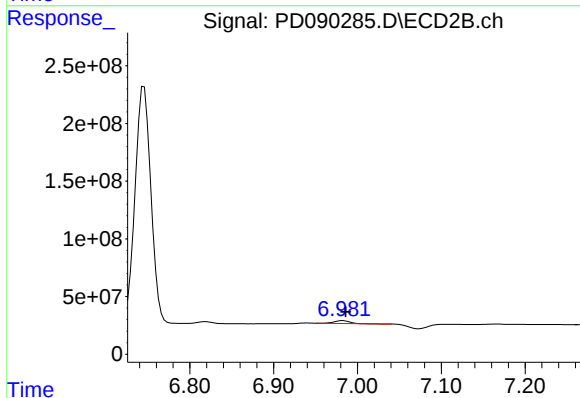
R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 2694851893
Conc: 208.97 ng/ml



#21 Endrin ketone

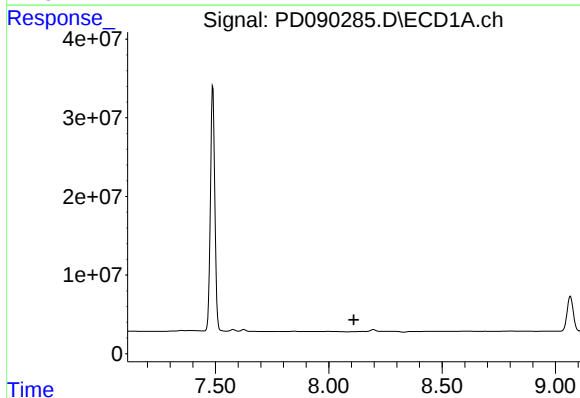
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 3258065
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



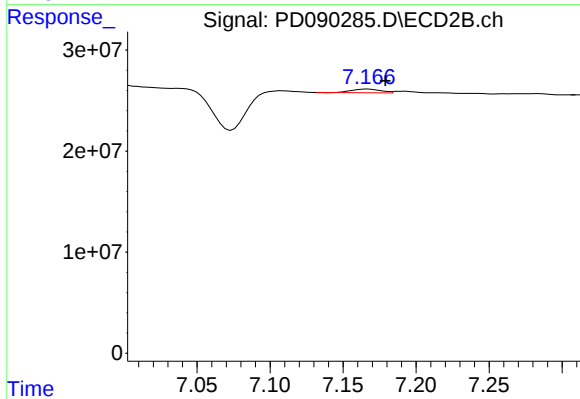
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.004 min
Response: 28837192
Conc: 1.08 ng/ml



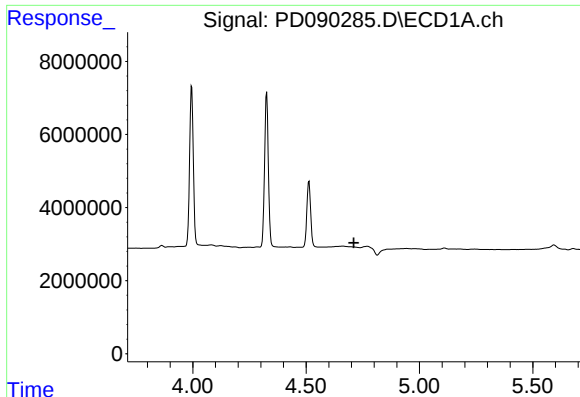
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

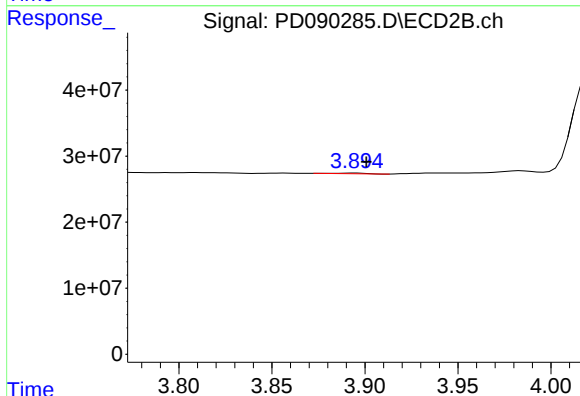
R.T.: 7.167 min
Delta R.T.: -0.012 min
Response: 5010277
Conc: 0.24 ng/ml



#23 Chlordane-1

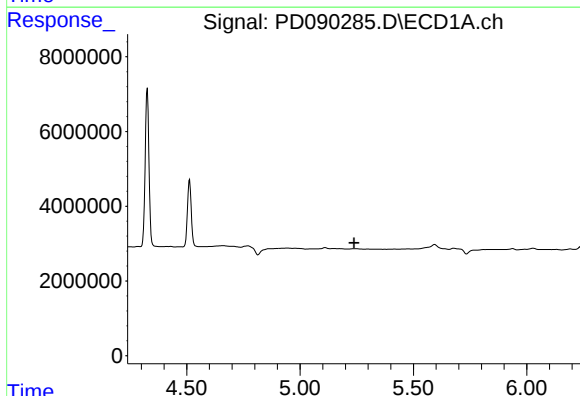
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



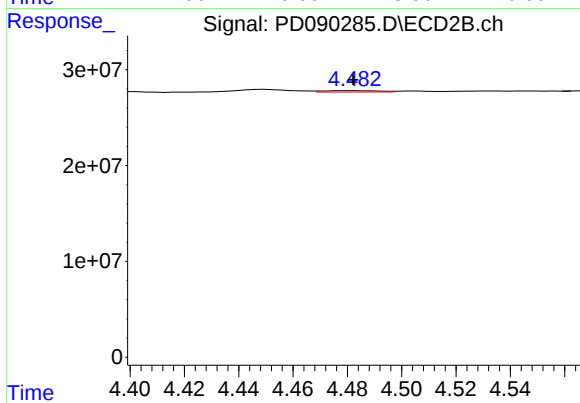
#23 Chlordane-1

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 1167469
Conc: 1.31 ng/ml



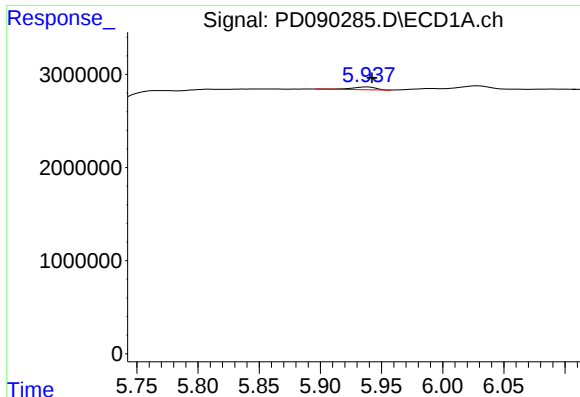
#24 Chlordane-2

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



#24 Chlordane-2

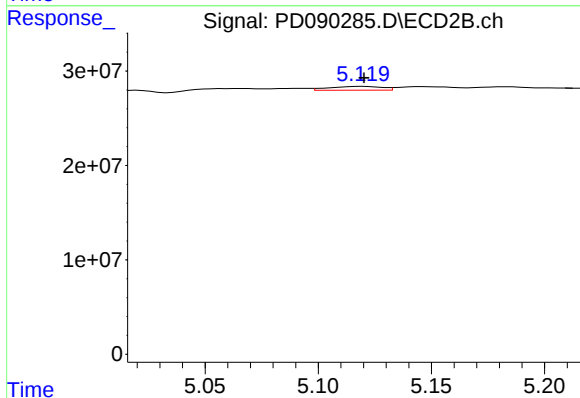
R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 2058191
Conc: 2.15 ng/ml



#25 Chlordane-3

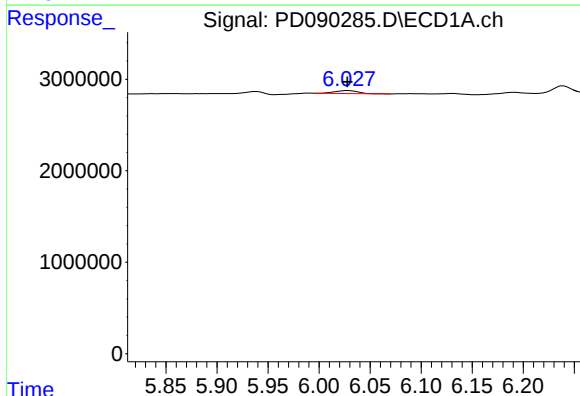
R.T.: 5.939 min
Delta R.T.: -0.004 min
Response: 413993
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



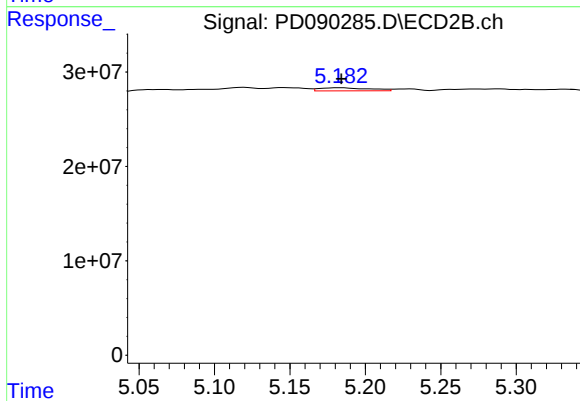
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 6382453
Conc: 2.30 ng/ml



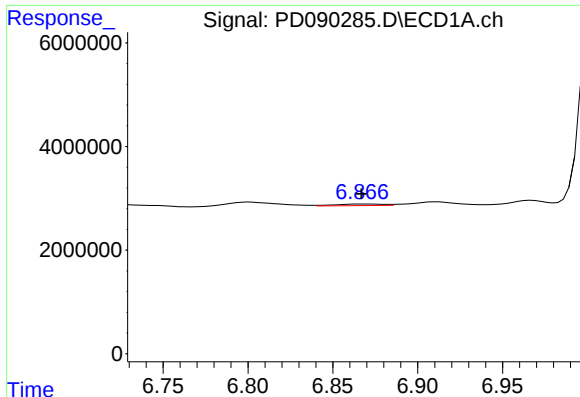
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 495804
Conc: 0.60 ng/ml



#26 Chlordane-4

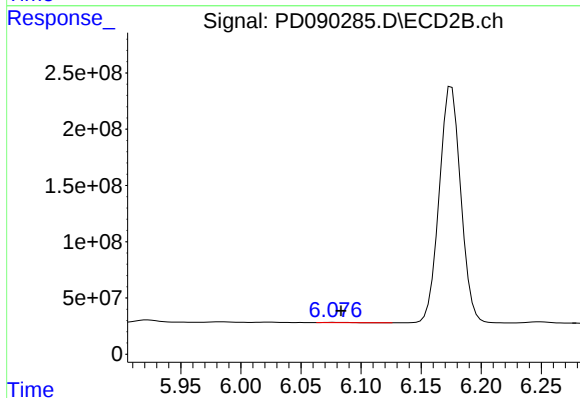
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 7424575
Conc: 3.08 ng/ml



#27 Chlordane-5

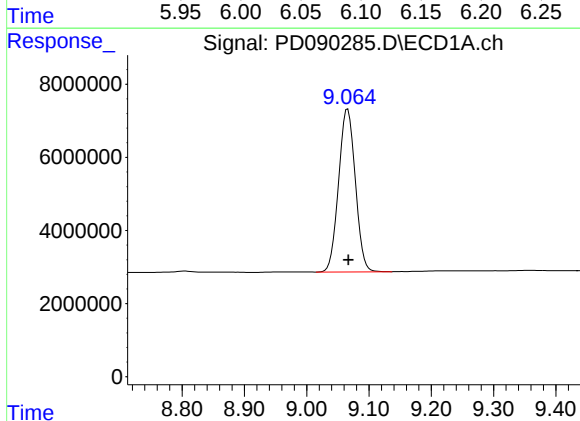
R.T.: 6.868 min
Delta R.T.: 0.001 min
Response: 599683
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



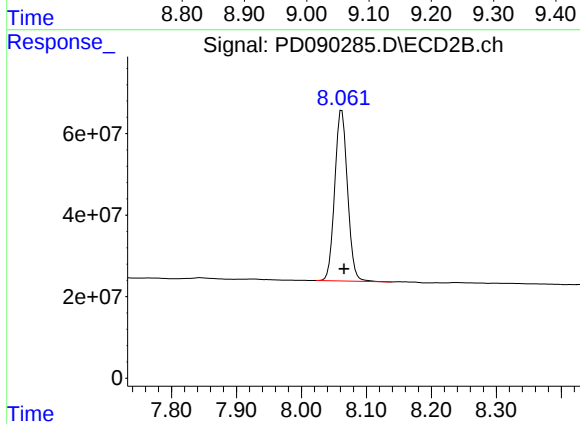
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.005 min
Response: 3382246
Conc: 3.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 83511351
Conc: 19.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 572258987
Conc: 22.11 ng/ml