

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120425\
 Data File : PD091449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2025 10:27
 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: Dec 05 04:25:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.871	72554149	892.8E6	21.039	24.373
28)	SA Decachlor...	9.061	8.056	103.1E6	938.1E6	20.687	23.704
Target Compounds							
2)	A alpha-BHC	3.990	3.382	71426015	753.9E6	8.933	11.928 #
3)	MA gamma-BHC...	4.321	3.718	68467413	693.2E6	9.162	11.989 #
4)	MA Heptachlor	4.940f	4.067	576373	1748008	0.080	0.032 #
5)	MB Aldrin	5.248	4.355	294109	28463088	0.041	0.504 #
6)	B beta-BHC	4.509	4.015	29407379	276.4E6	10.121	11.502
7)	B delta-BHC	4.767	4.250	3008865	634698	0.405	0.011 #
8)	B Heptachlo...	5.673	4.863	18479194	60879044	2.844	1.195 #
9)	A Endosulfan I	6.054	0.000	540178	0	0.088	N.D. #
10)	B gamma-Chl...	5.906f	5.112	4223097	460.5E6	0.650	8.429 #
11)	B alpha-Chl...	5.991f	5.177	6015201	273.6E6	0.874	5.229 #
12)	B 4,4'-DDE	6.185	5.361	1438470	268.8E6	0.248	5.030 #
13)	MA Dieldrin	6.359f	5.511	3808069	15549492	0.589	0.286 #
14)	MA Endrin	6.564	5.775	247.5E6	2630.1E6	49.859	58.198
15)	B Endosulfa...	6.763f	6.072	6548557	34161471	1.178	0.732 #
16)	A 4,4'-DDD	6.696	5.915	49652887	425.4E6	10.110	8.705
17)	MA 4,4'-DDT	7.013	6.168	380.8E6	4258.4E6	92.070	108.819
18)	B Endrin al...	6.907	6.244	12781560	61797548	3.068	1.751 #
19)	B Endosulfa...	7.110f	6.449f	18669	13749992	0.004	0.307 #
20)	A Methoxychlor	7.486	6.739	453.4E6	4110.8E6	208.542	205.015
21)	B Endrin ke...	7.621	6.977	18101565	184.9E6	3.213	3.628
22)	Mirex	0.000	7.161	0	10444193	N.D.	0.315 #
23)	Chlordane-1	0.000	3.886	0	1671191	N.D.	0.971 #
24)	Chlordane-2	5.248	4.490	294109	406.2E6	1.191	231.977 #
25)	Chlordane-3	0.000	5.112	0	460.5E6	N.D.	80.029 #
26)	Chlordane-4	0.000	5.177	0	273.6E6	N.D.	57.203 #
27)	Chlordane-5	0.000	6.072	0	34161471	N.D.	16.835 #

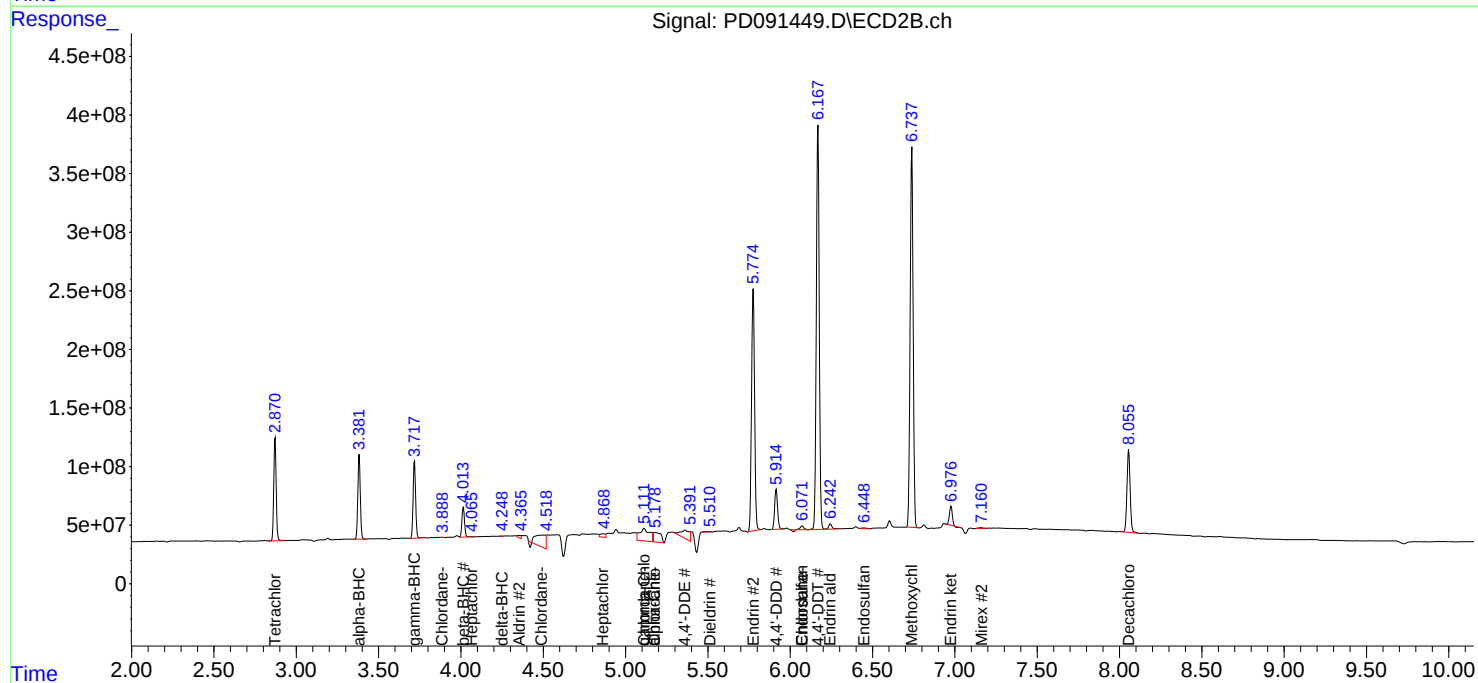
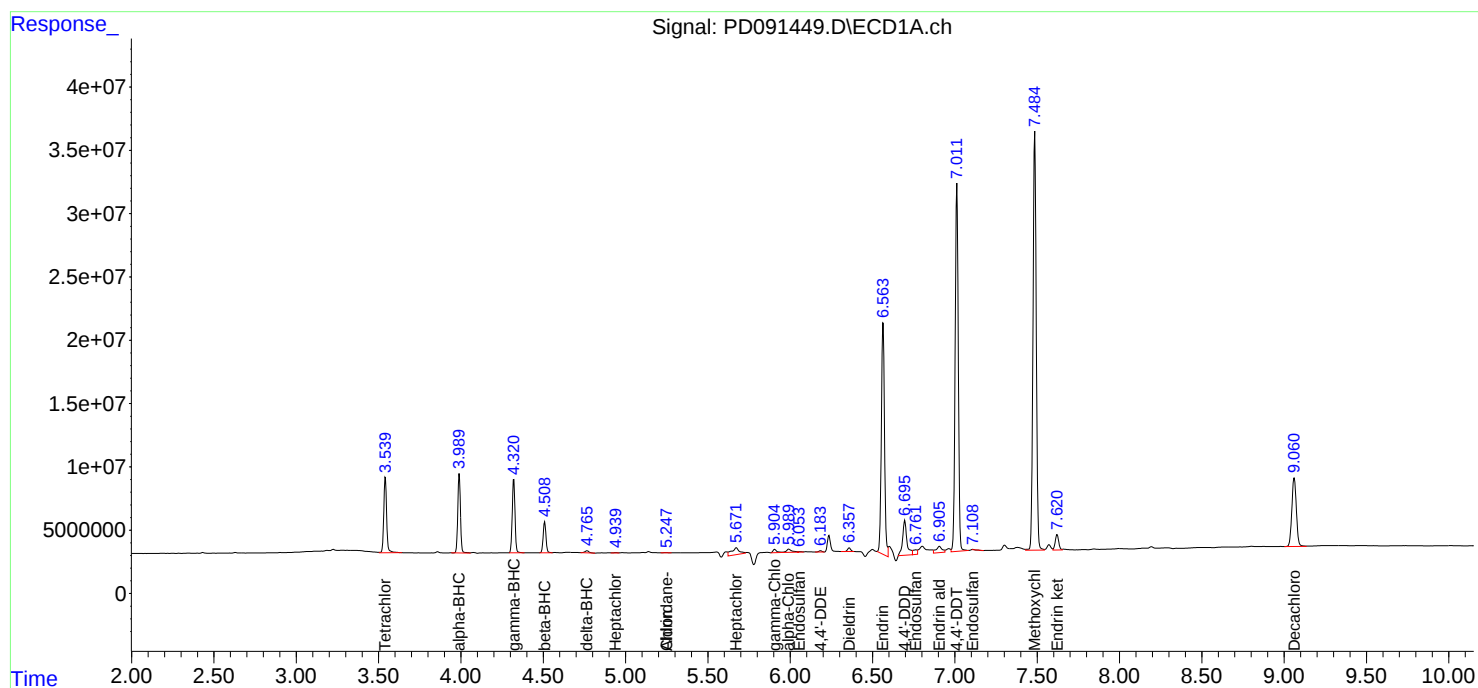
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

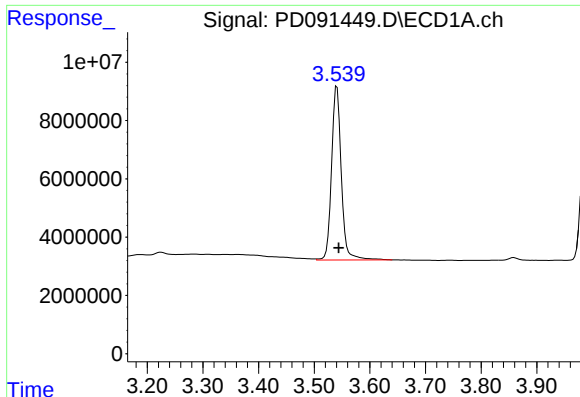
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120425\
Data File : PD091449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2025 10:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 05 04:25:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
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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

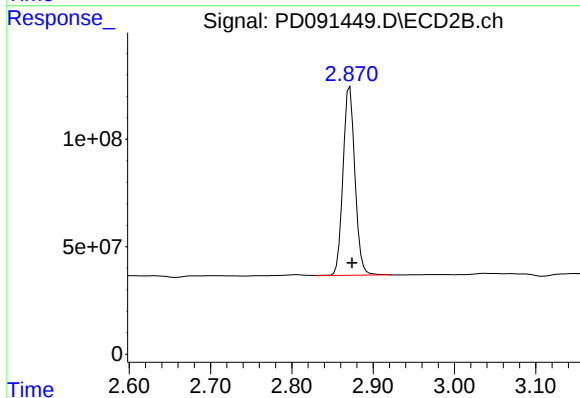




#1 Tetrachloro-m-xylene

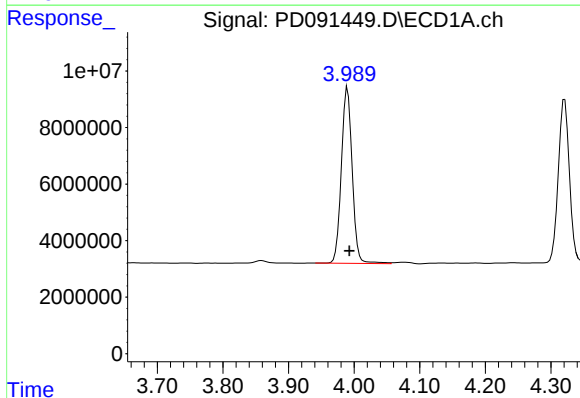
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 72554149
Conc: 21.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



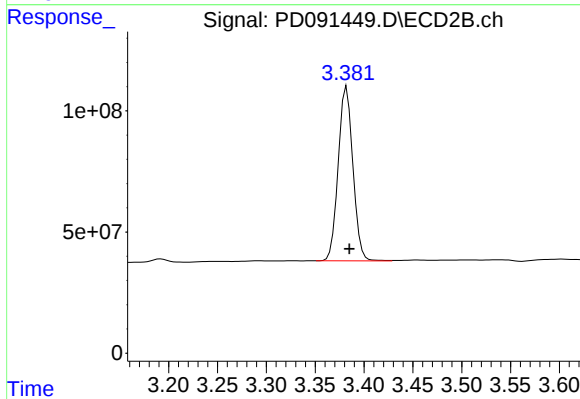
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 892775604
Conc: 24.37 ng/ml



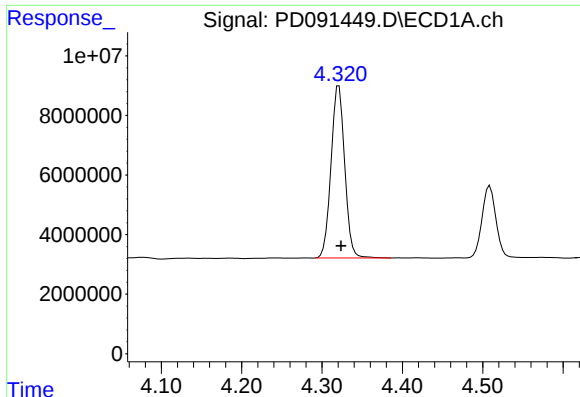
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 71426015
Conc: 8.93 ng/ml



#2 alpha-BHC

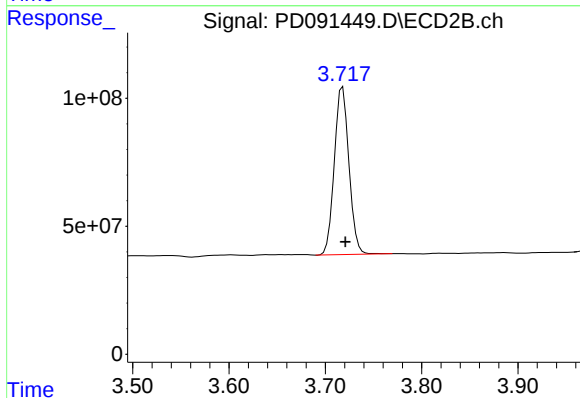
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 753865200
Conc: 11.93 ng/ml



#3 gamma-BHC (Lindane)

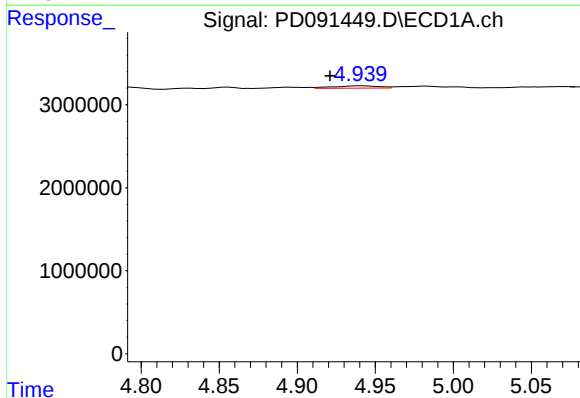
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 68467413
Conc: 9.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



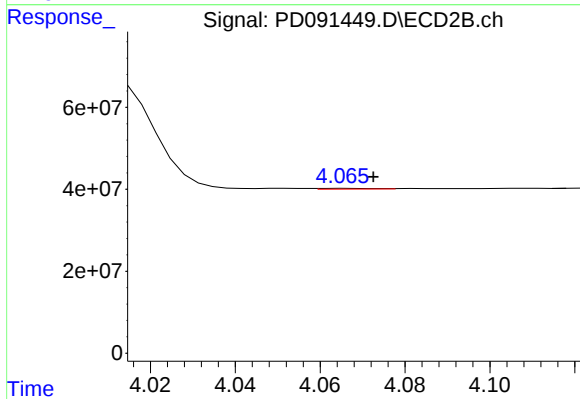
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 693195072
Conc: 11.99 ng/ml



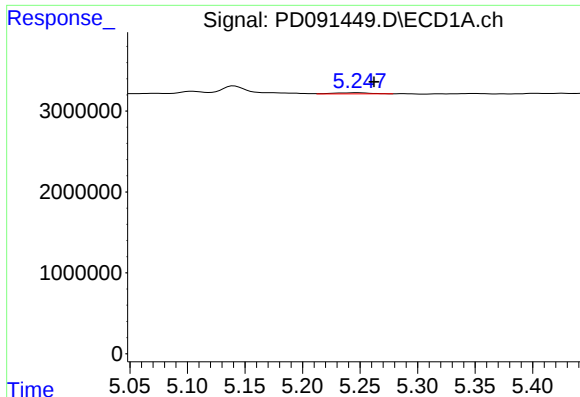
#4 Heptachlor

R.T.: 4.940 min
Delta R.T.: 0.019 min
Response: 576373
Conc: 0.08 ng/ml



#4 Heptachlor

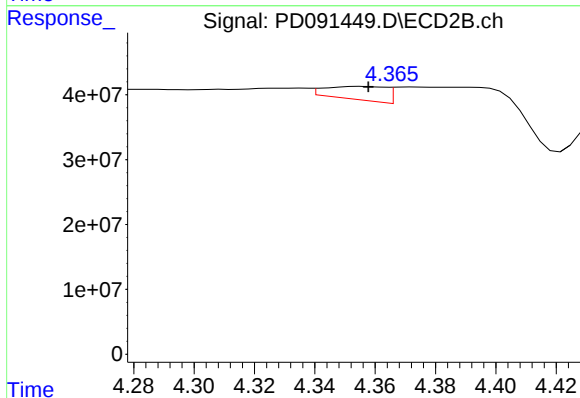
R.T.: 4.067 min
Delta R.T.: -0.006 min
Response: 1748008
Conc: 0.03 ng/ml



#5 Aldrin

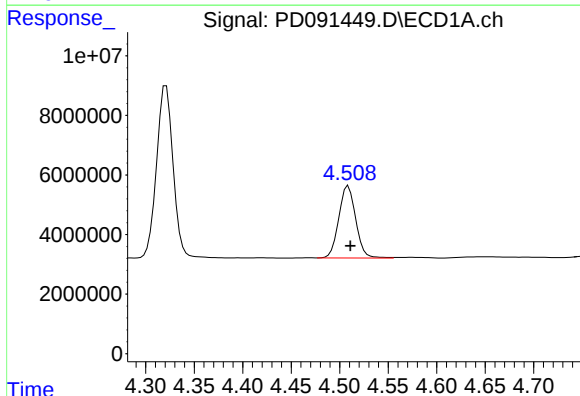
R.T.: 5.248 min
Delta R.T.: -0.014 min
Response: 294109
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



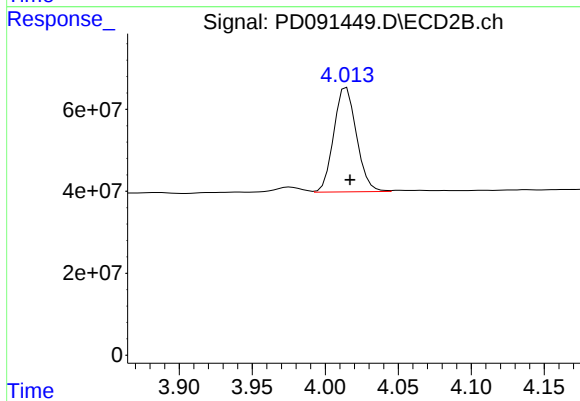
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 28463088
Conc: 0.50 ng/ml



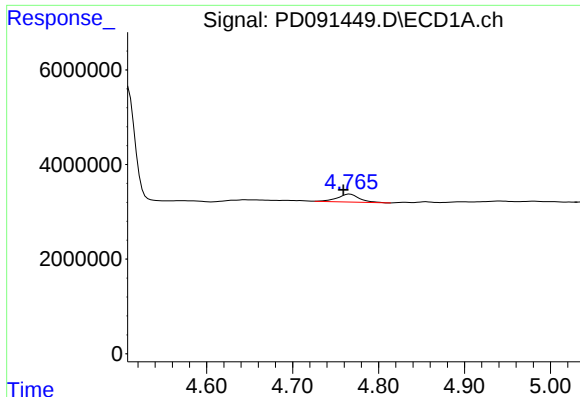
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 29407379
Conc: 10.12 ng/ml



#6 beta-BHC

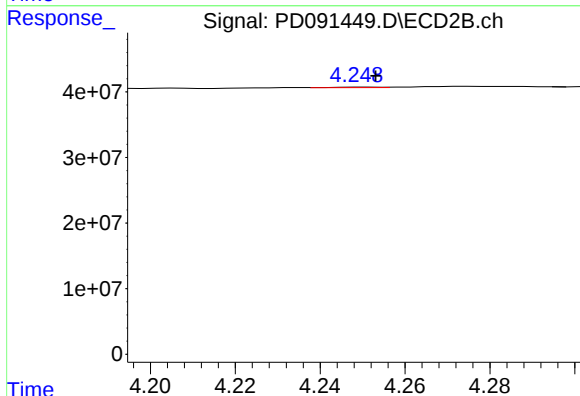
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 276363559
Conc: 11.50 ng/ml



#7 delta-BHC

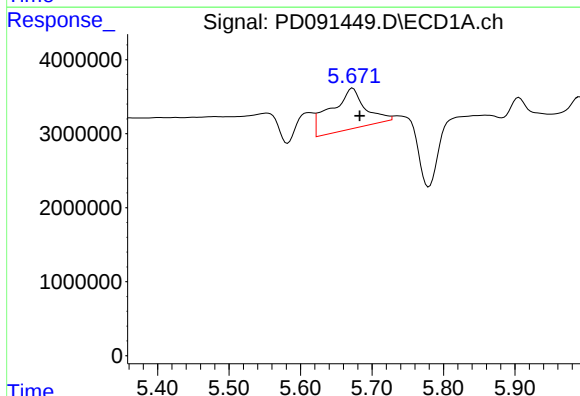
R.T.: 4.767 min
Delta R.T.: 0.007 min
Response: 3008865
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



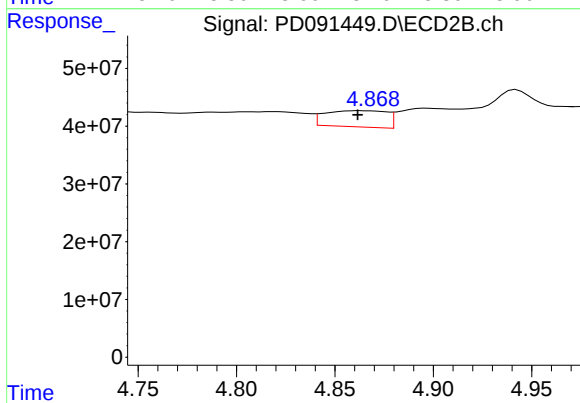
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: -0.003 min
Response: 634698
Conc: 0.01 ng/ml



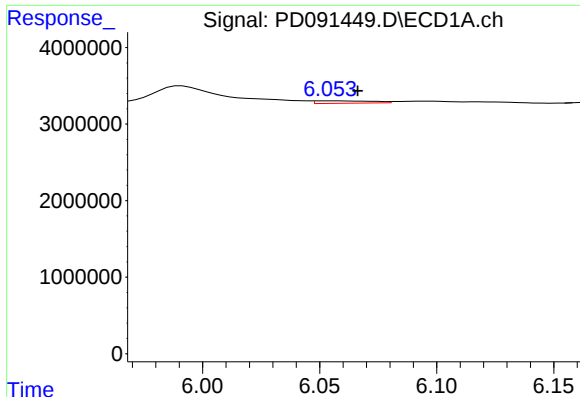
#8 Heptachlor epoxide

R.T.: 5.673 min
Delta R.T.: -0.010 min
Response: 18479194
Conc: 2.84 ng/ml



#8 Heptachlor epoxide

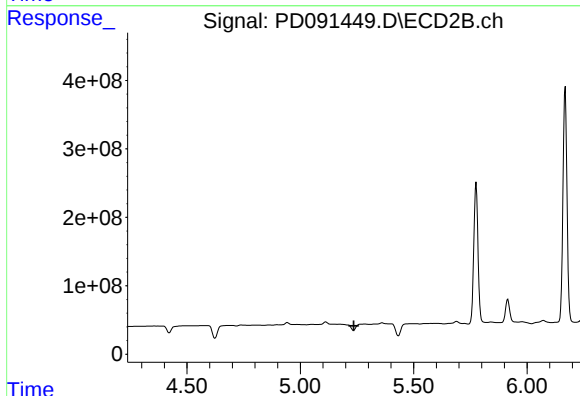
R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 60879044
Conc: 1.19 ng/ml



#9 Endosulfan I

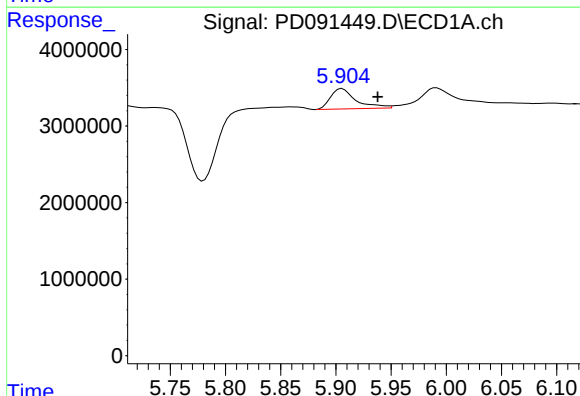
R.T.: 6.054 min
Delta R.T.: -0.012 min
Response: 540178
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



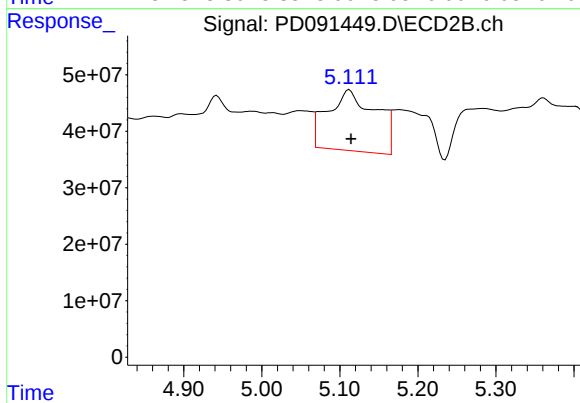
#9 Endosulfan I

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



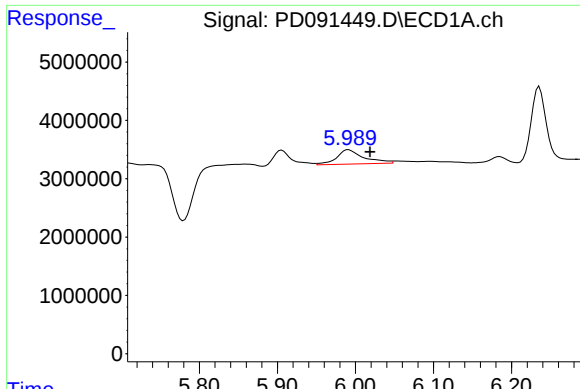
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: -0.032 min
Response: 4223097
Conc: 0.65 ng/ml



#10 gamma-Chlordane

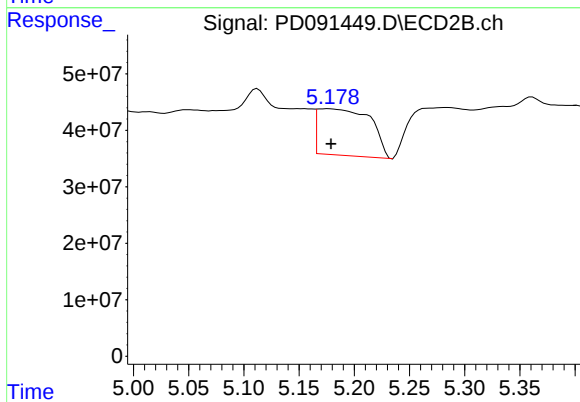
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 460455302
Conc: 8.43 ng/ml



#11 alpha-Chlordane

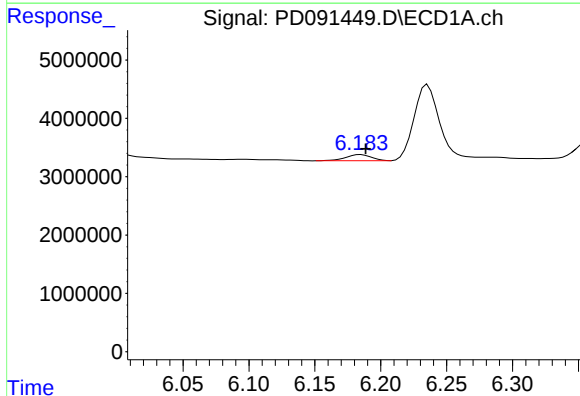
R.T.: 5.991 min
Delta R.T.: -0.028 min
Response: 6015201
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



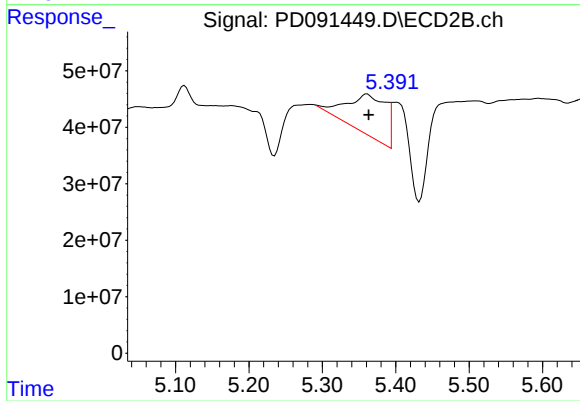
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 273635844
Conc: 5.23 ng/ml



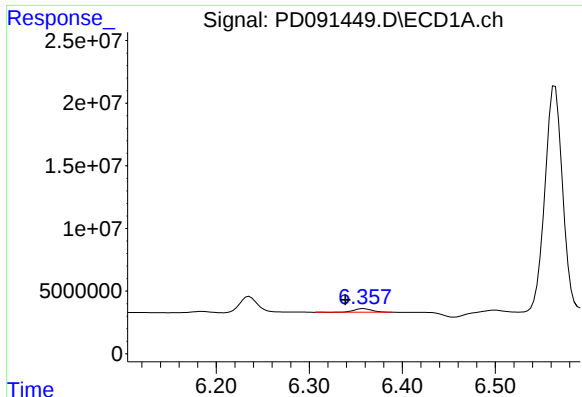
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 1438470
Conc: 0.25 ng/ml



#12 4,4'-DDE

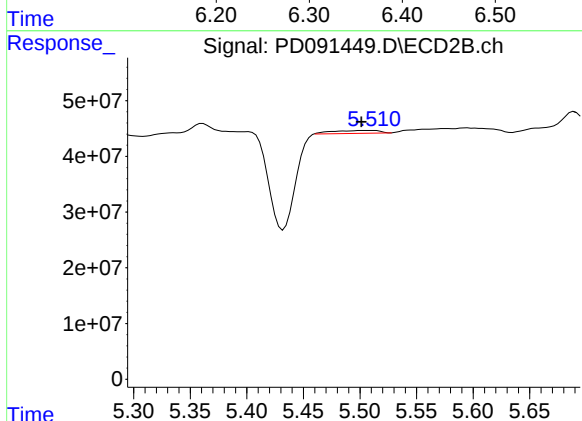
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 268838525
Conc: 5.03 ng/ml



#13 Dieldrin

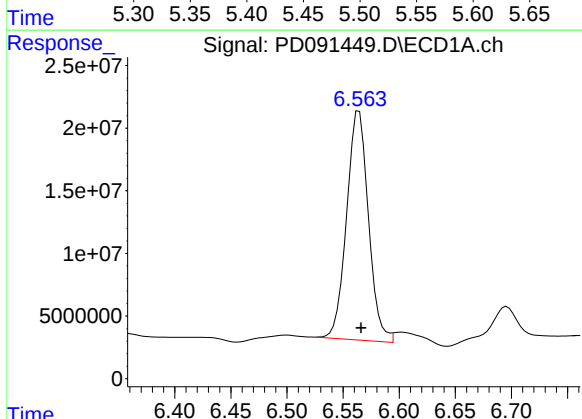
R.T.: 6.359 min
Delta R.T.: 0.020 min
Response: 3808069
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



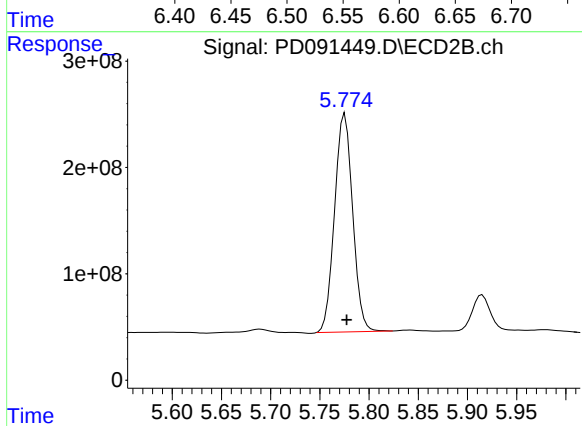
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: 0.009 min
Response: 15549492
Conc: 0.29 ng/ml



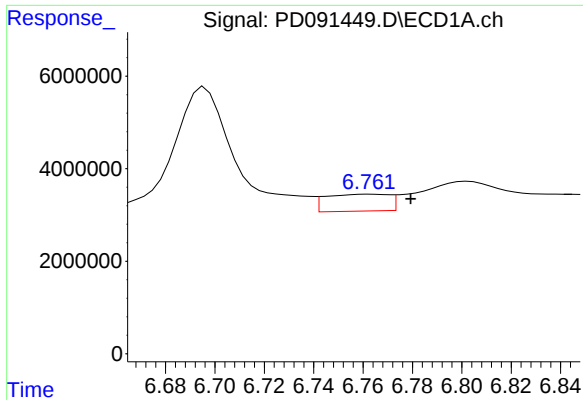
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 247476676
Conc: 49.86 ng/ml



#14 Endrin

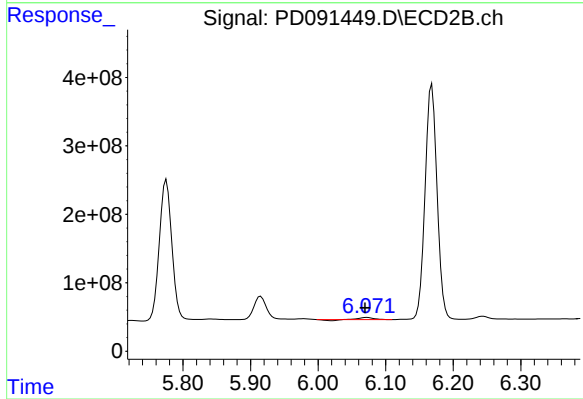
R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 2630133783
Conc: 58.20 ng/ml



#15 Endosulfan II

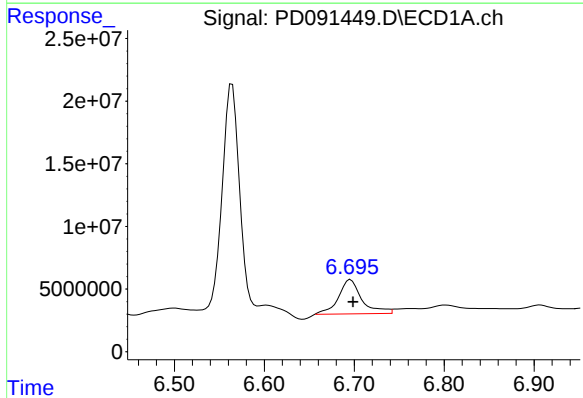
R.T.: 6.763 min
Delta R.T.: -0.016 min
Response: 6548557
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



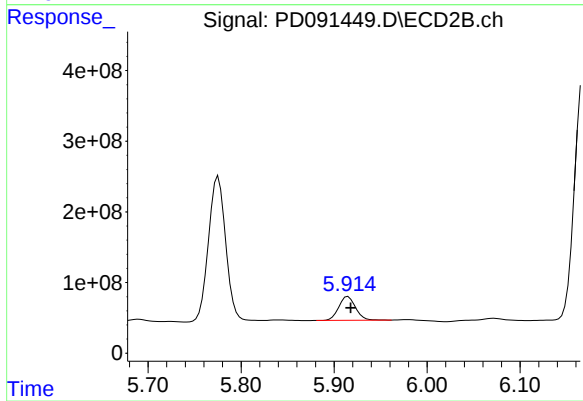
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 34161471
Conc: 0.73 ng/ml



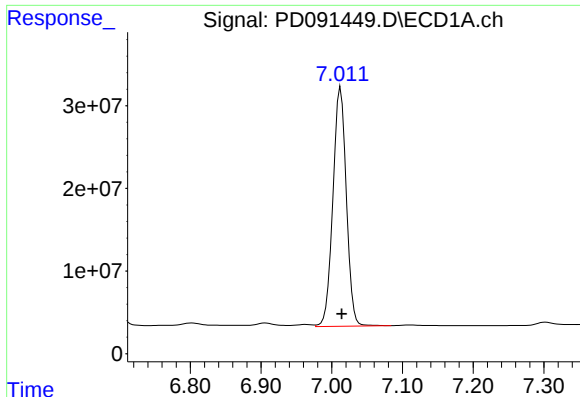
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 49652887
Conc: 10.11 ng/ml



#16 4,4'-DDD

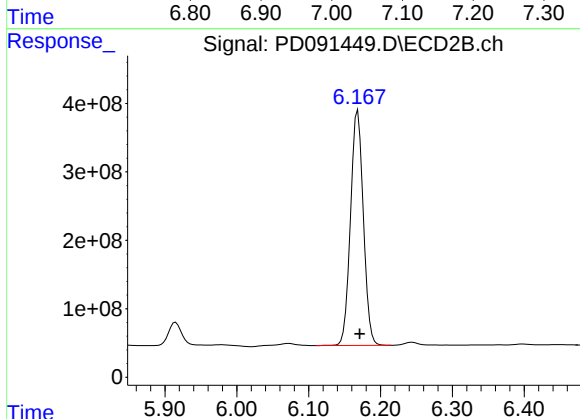
R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 425403907
Conc: 8.71 ng/ml



#17 4,4'-DDT

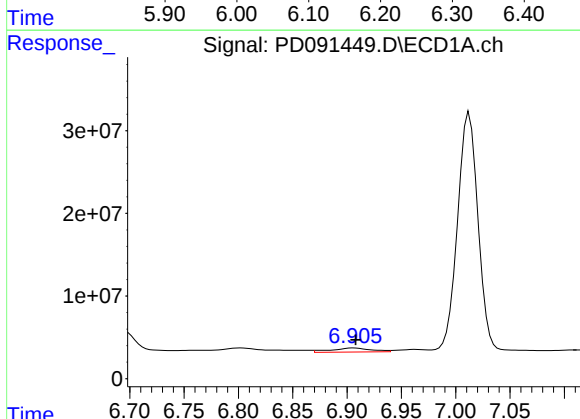
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 380755105
Conc: 92.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



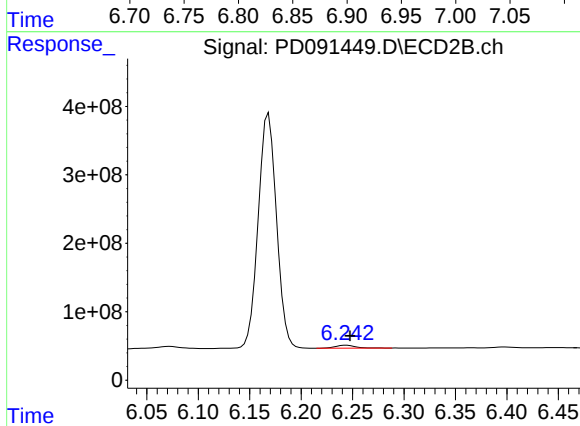
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 4258380609
Conc: 108.82 ng/ml



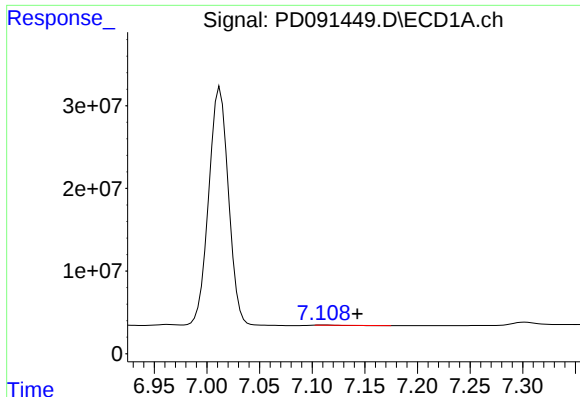
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 12781560
Conc: 3.07 ng/ml



#18 Endrin aldehyde

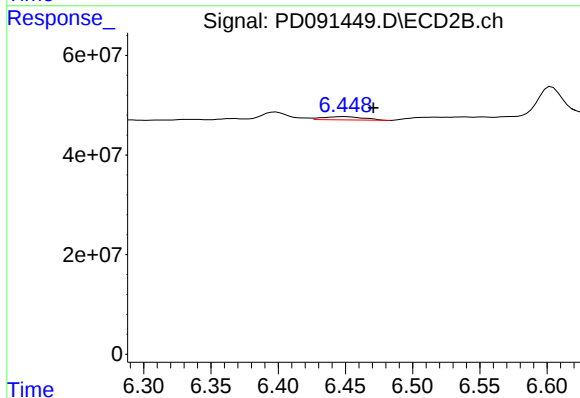
R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 61797548
Conc: 1.75 ng/ml



#19 Endosulfan Sulfate

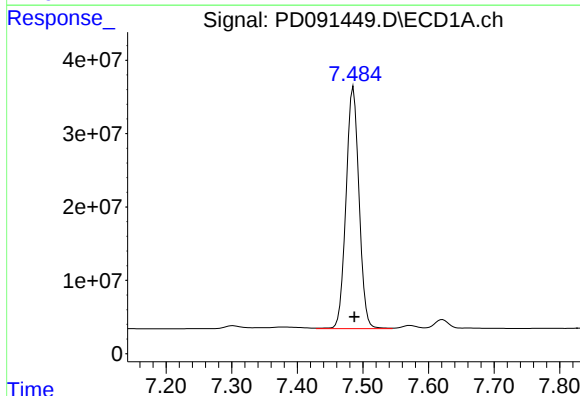
R.T.: 7.110 min
Delta R.T.: -0.033 min
Response: 18669
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



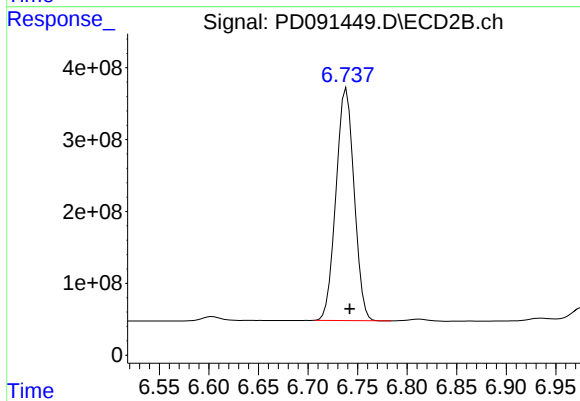
#19 Endosulfan Sulfate

R.T.: 6.449 min
Delta R.T.: -0.022 min
Response: 13749992
Conc: 0.31 ng/ml



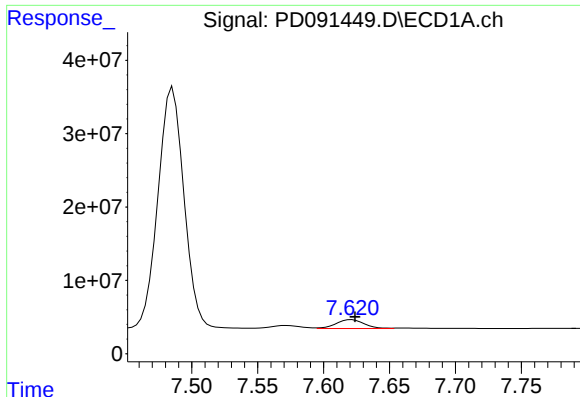
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 453439716
Conc: 208.54 ng/ml



#20 Methoxychlor

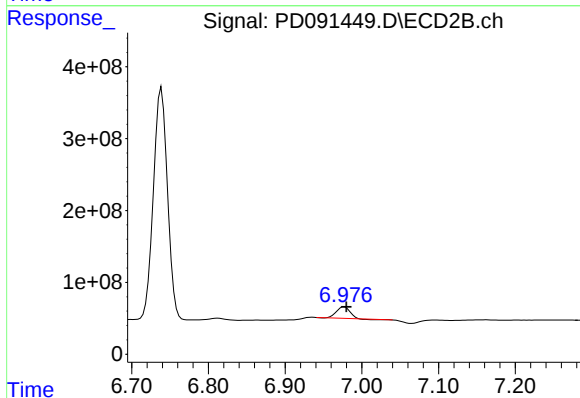
R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 4110845328
Conc: 205.02 ng/ml



#21 Endrin ketone

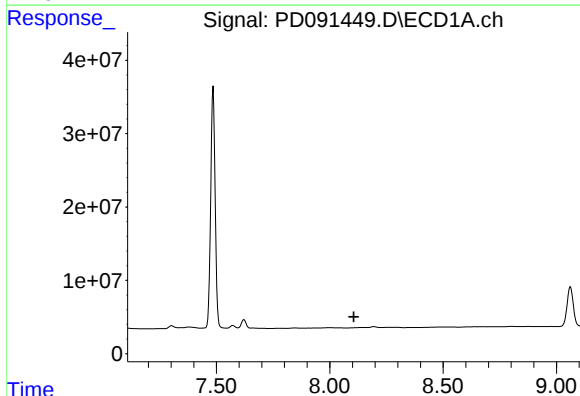
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 18101565
Conc: 3.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



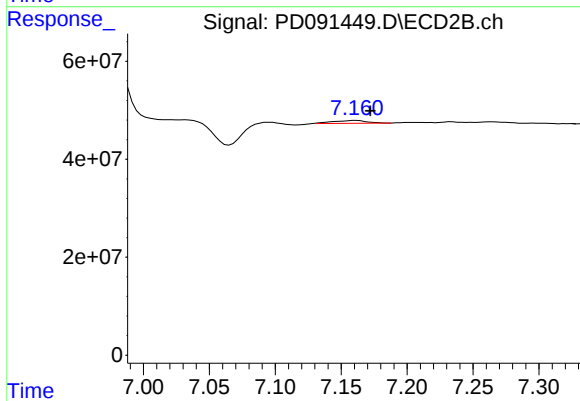
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 184871465
Conc: 3.63 ng/ml



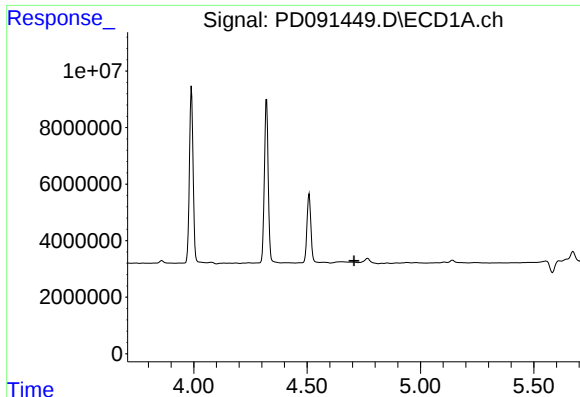
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#22 Mirex

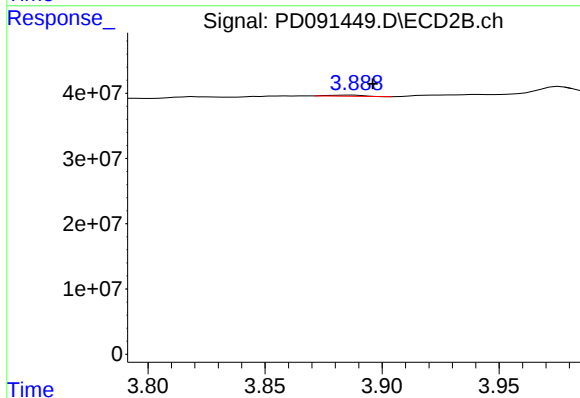
R.T.: 7.161 min
Delta R.T.: -0.011 min
Response: 10444193
Conc: 0.32 ng/ml



#23 Chlordane-1

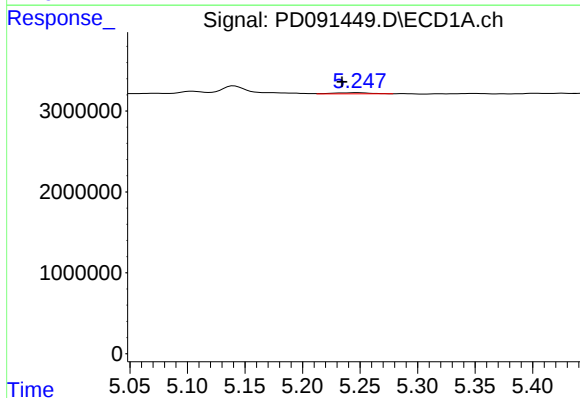
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



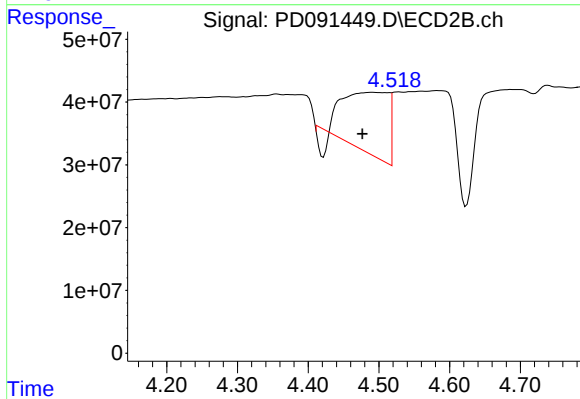
#23 Chlordane-1

R.T.: 3.886 min
Delta R.T.: -0.010 min
Response: 1671191
Conc: 0.97 ng/ml



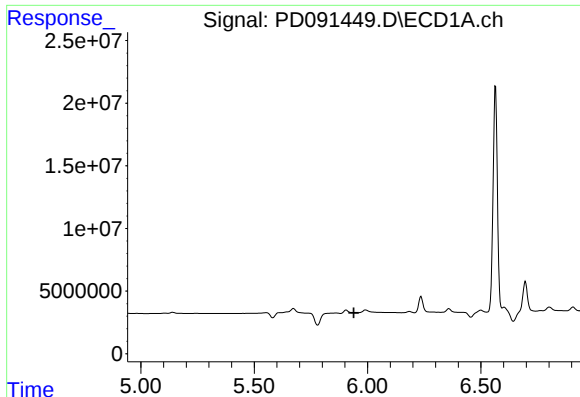
#24 Chlordane-2

R.T.: 5.248 min
Delta R.T.: 0.014 min
Response: 294109
Conc: 1.19 ng/ml



#24 Chlordane-2

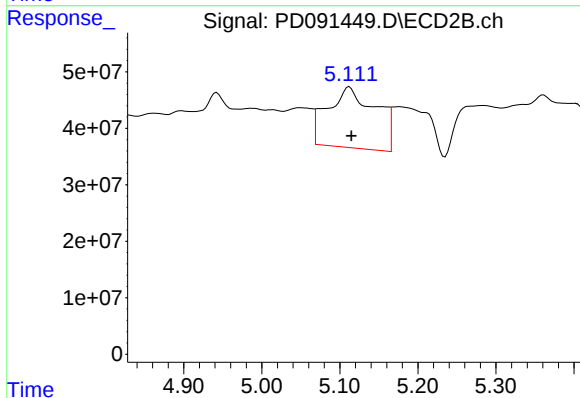
R.T.: 4.490 min
Delta R.T.: 0.013 min
Response: 406198795
Conc: 231.98 ng/ml



#25 Chlordane-3

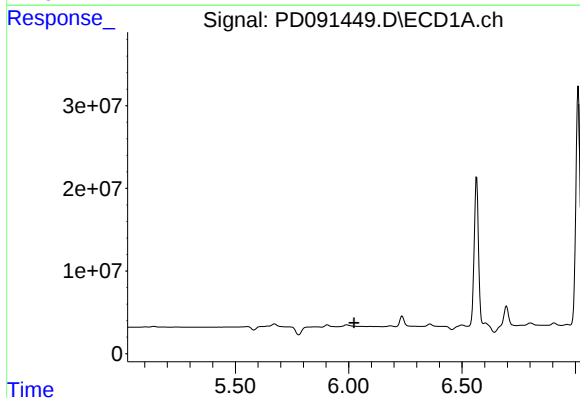
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



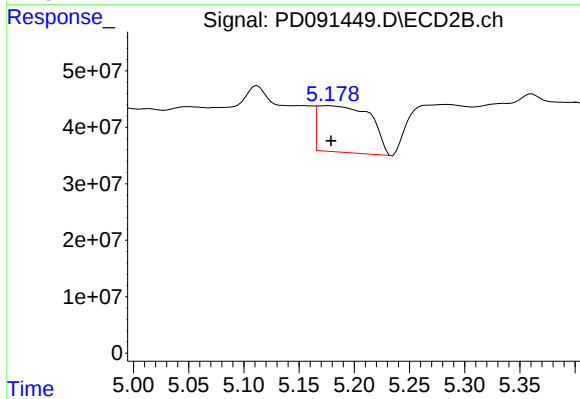
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 460455302
Conc: 80.03 ng/ml



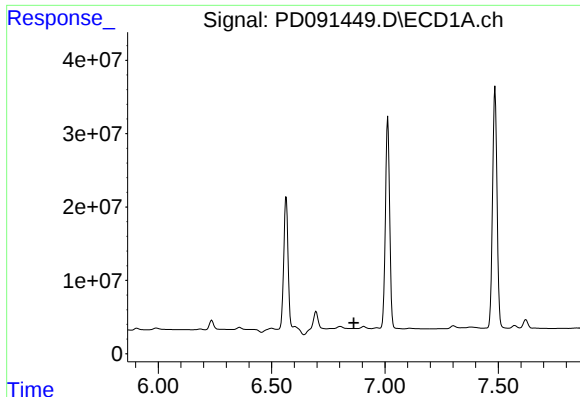
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#26 Chlordane-4

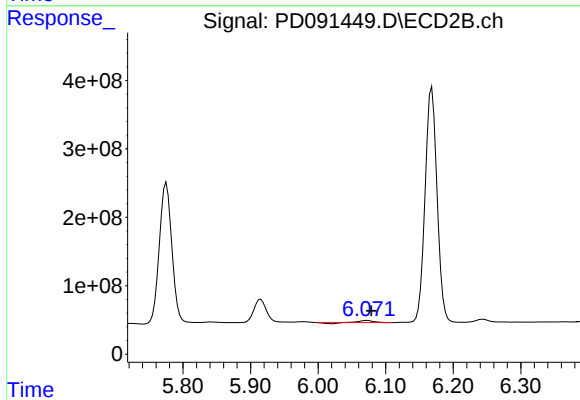
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 273635844
Conc: 57.20 ng/ml



#27 Chlordane-5

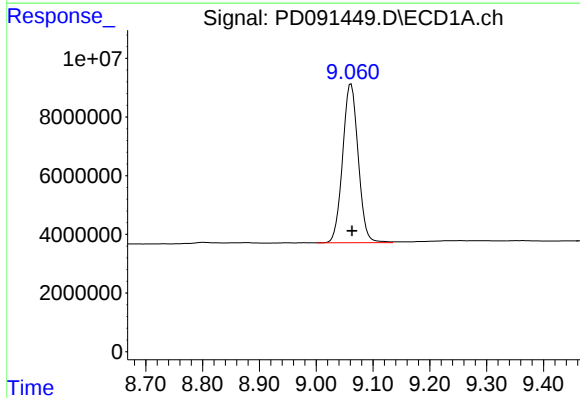
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



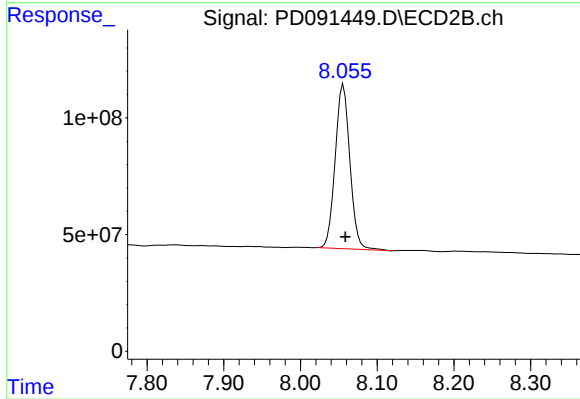
#27 Chlordane-5

R.T.: 6.072 min
Delta R.T.: -0.007 min
Response: 34161471
Conc: 16.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 103061132
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 938082714
Conc: 23.70 ng/ml