

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 19:30
 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 17 04:58:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.540	2.870	72150511	888.0E6	20.773	22.536
28)	SA Decachlor...	9.057	8.054	109.9E6	1047.4E6	21.152	25.292
Target Compounds							
2)	A alpha-BHC	3.988	3.381	70331009	750.4E6	8.736	11.007 #
3)	MA gamma-BHC...	4.319	3.718	68548608	694.6E6	9.121	12.353 #
4)	MA Heptachlor	4.944f	4.063	574686	2626379	0.081	0.045 #
5)	MB Aldrin	0.000	4.351	0	20596685	N.D.	0.355 #
6)	B beta-BHC	4.507	4.014	29333405	279.7E6	10.160	11.675
7)	B delta-BHC	4.765	4.262	3191517	1618836	0.533	0.027 #
8)	B Heptachlo...	5.674	4.866	13784426	2373300	2.226	0.047 #
9)	A Endosulfan I	6.059	0.000	128150	0	0.021	N.D. #
10)	B gamma-Chl...	5.931	5.113	238871	225.0E6	0.037	4.032 #
11)	B alpha-Chl...	5.987f	5.177	2433442	150.7E6	0.362	2.814 #
12)	B 4,4'-DDE	6.183	5.360	475667	127.0E6	0.082	2.316 #
13)	MA Dieldrin	6.357f	5.501	530420	7549001	0.082	0.136 #
14)	MA Endrin	6.562	5.774	266.7E6	2799.0E6	47.562	53.542
15)	B Endosulfa...	6.761f	6.070	3740042	15509563	0.615	0.329 #
16)	A 4,4'-DDD	6.694	5.914	20975616	160.8E6	4.557	3.536
17)	MA 4,4'-DDT	7.010	6.167	455.1E6	5129.3E6	88.252	108.216
18)	B Endrin al...	6.905	6.242	5869401	41318414	1.405	1.158
19)	B Endosulfa...	0.000	6.445f	0	10678457	N.D.	0.232 #
20)	A Methoxychlor	7.483	6.738	547.4E6	5187.4E6	203.657	219.824
21)	B Endrin ke...	7.619	6.975	9806286	73019739	1.741	1.501
22)	Mirex	8.117f	7.161	-16413	10788526	N.D.	0.329
23)	Chlordane-1	0.000	3.887	0	1449445	N.D.	0.970 #
24)	Chlordane-2	0.000	4.482	0	211.4E6	N.D.	133.908 #
25)	Chlordane-3	5.931	5.113	238871	225.0E6	0.291	44.188 #
26)	Chlordane-4	0.000	5.177	0	150.7E6	N.D.	35.307 #
27)	Chlordane-5	6.855	6.070	1502057	15509563	8.492	8.180

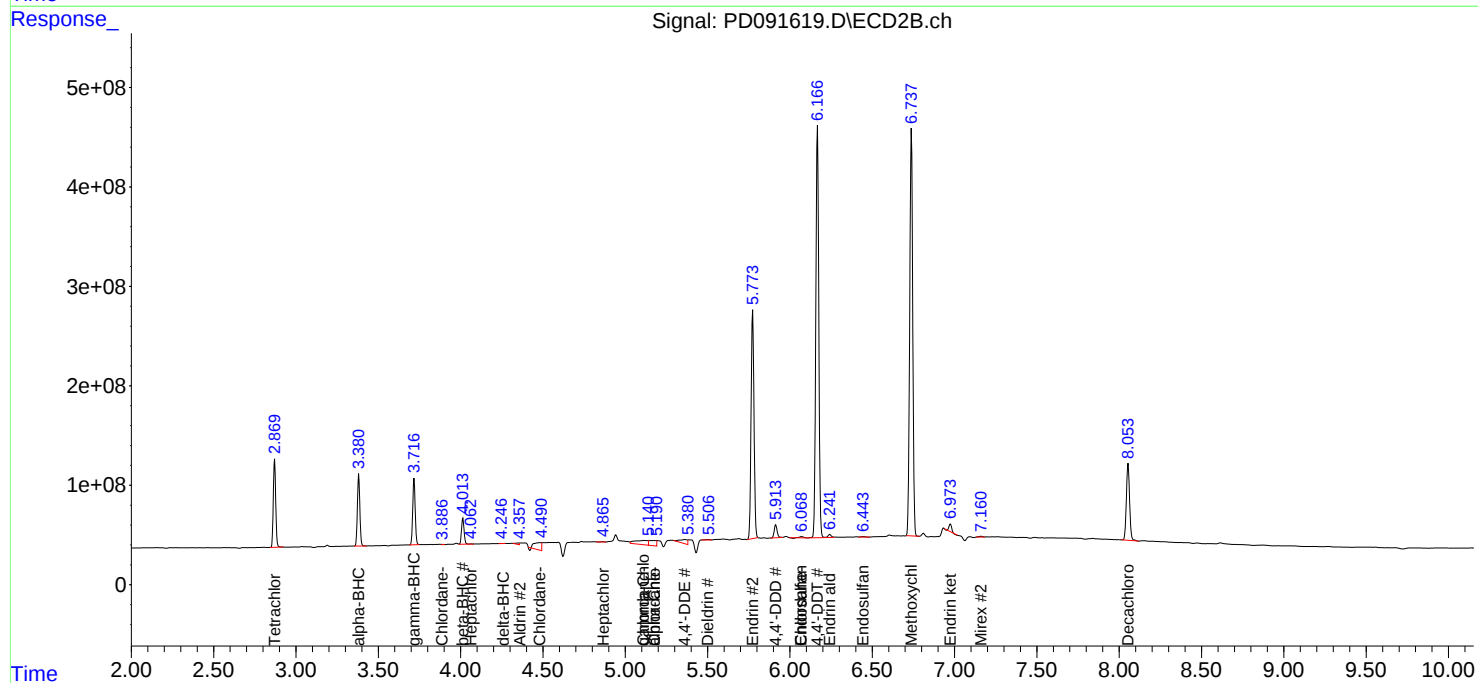
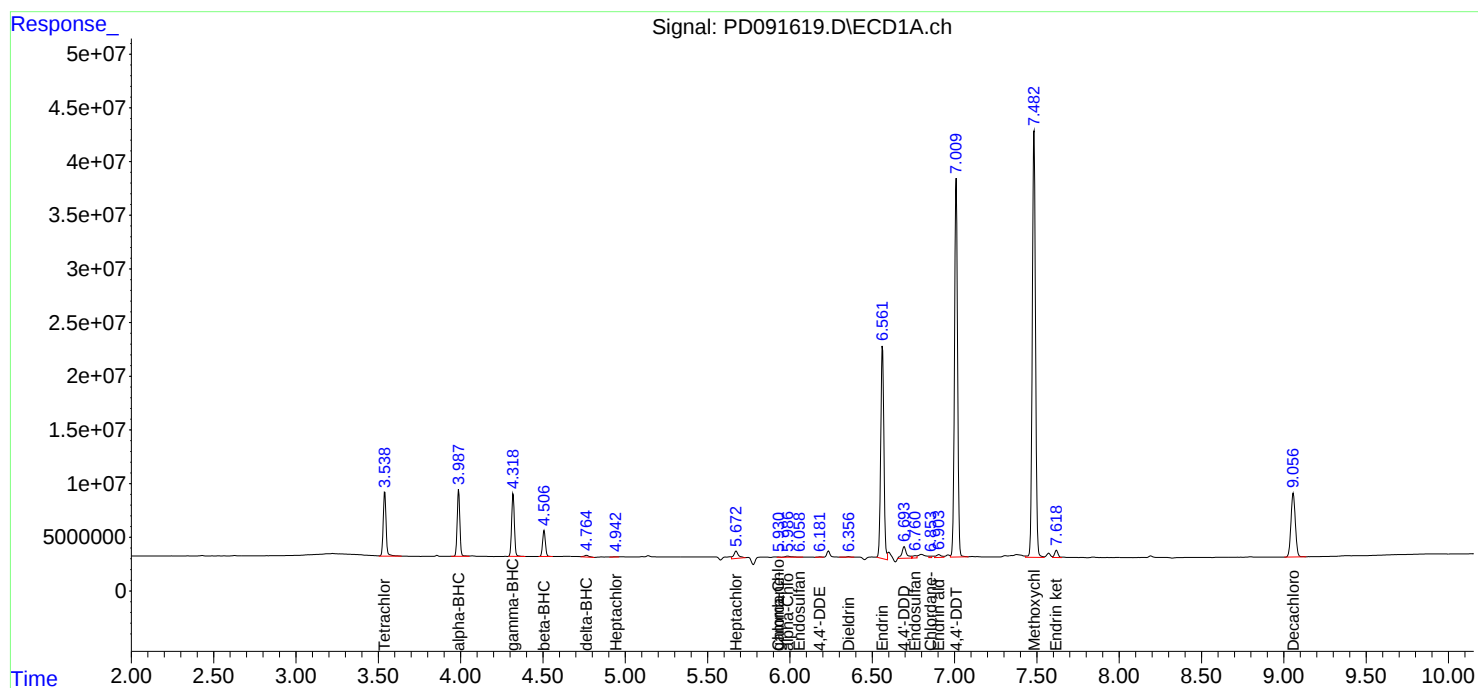
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

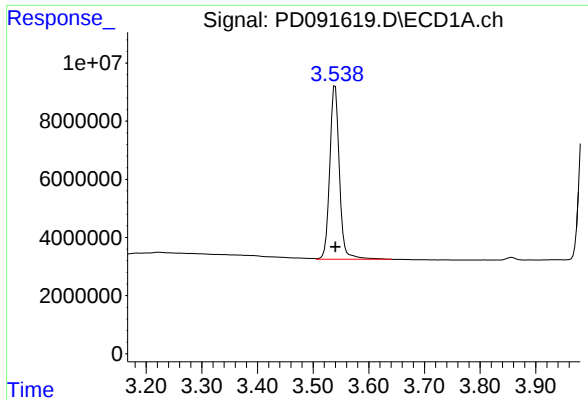
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 19:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:58:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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

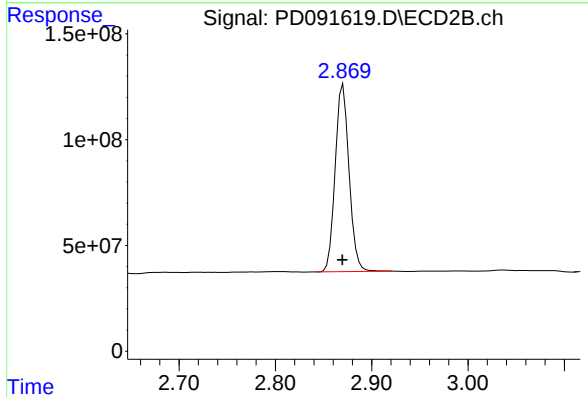




#1 Tetrachloro-m-xylene

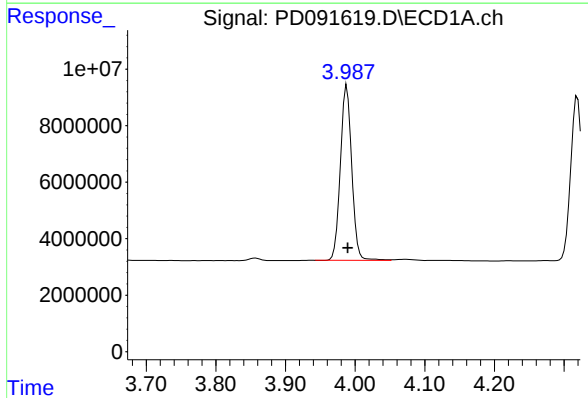
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 72150511
Conc: 20.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



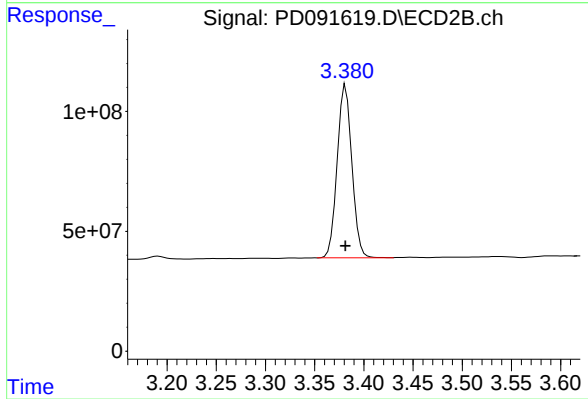
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 887985180
Conc: 22.54 ng/ml



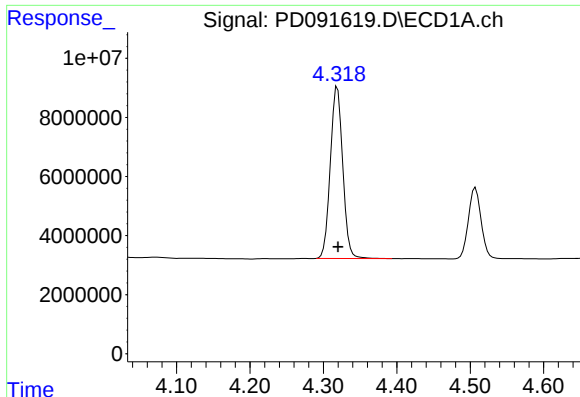
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 70331009
Conc: 8.74 ng/ml



#2 alpha-BHC

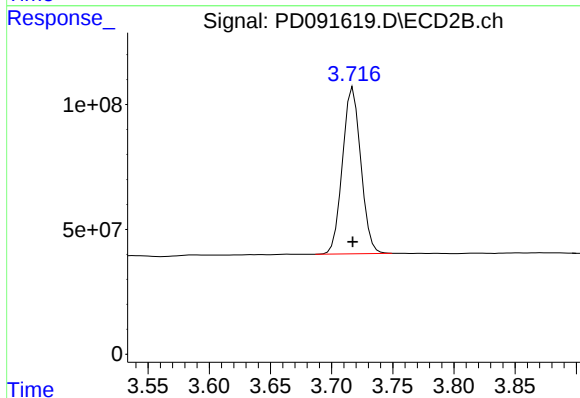
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 750408033
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

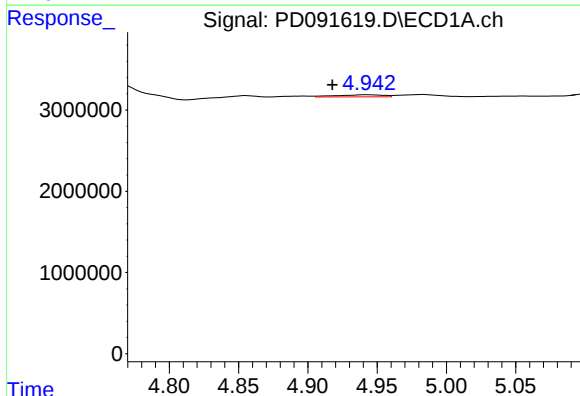
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 68548608
Conc: 9.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



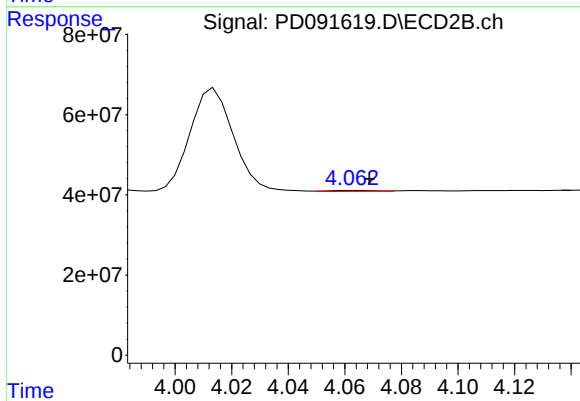
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 694612743
Conc: 12.35 ng/ml



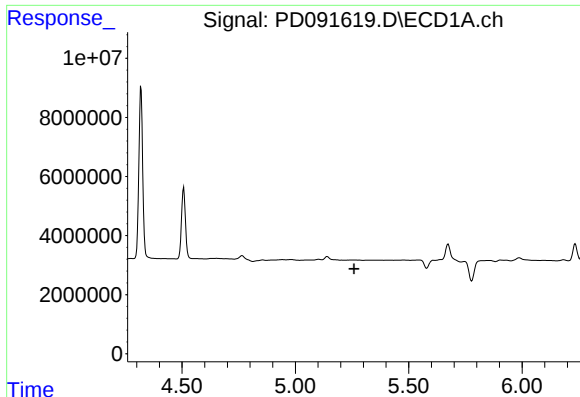
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.026 min
Response: 574686
Conc: 0.08 ng/ml



#4 Heptachlor

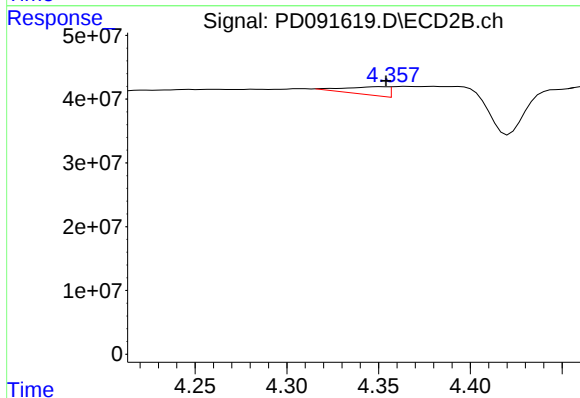
R.T.: 4.063 min
Delta R.T.: -0.006 min
Response: 2626379
Conc: 0.05 ng/ml



#5 Aldrin

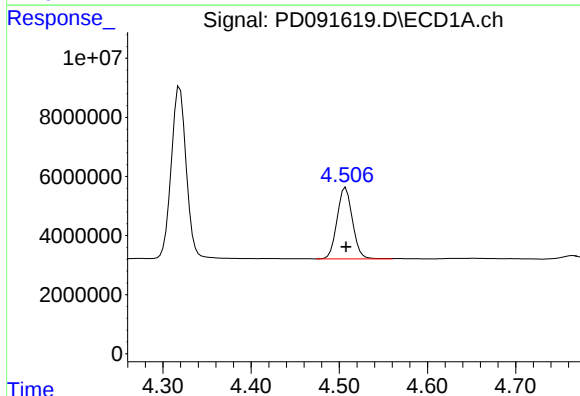
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



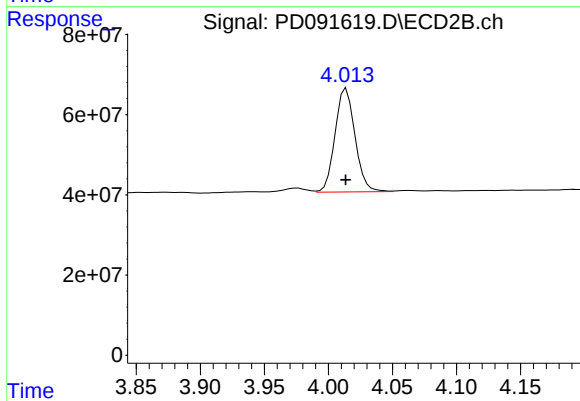
#5 Aldrin

R.T.: 4.351 min
Delta R.T.: -0.003 min
Response: 20596685
Conc: 0.36 ng/ml



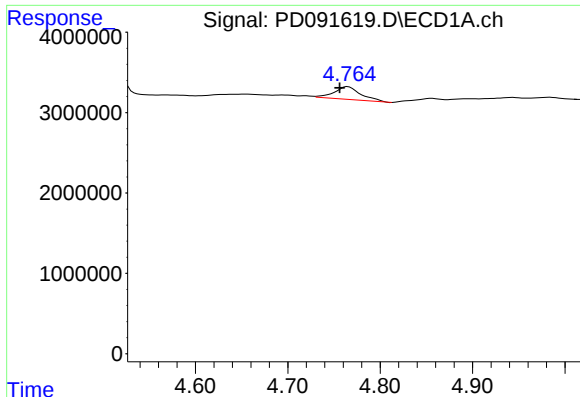
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 29333405
Conc: 10.16 ng/ml



#6 beta-BHC

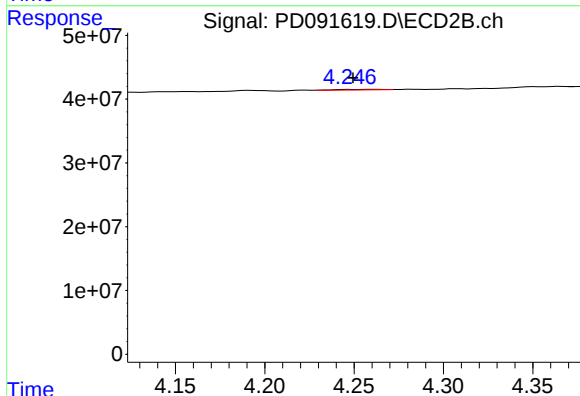
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 279727590
Conc: 11.68 ng/ml



#7 delta-BHC

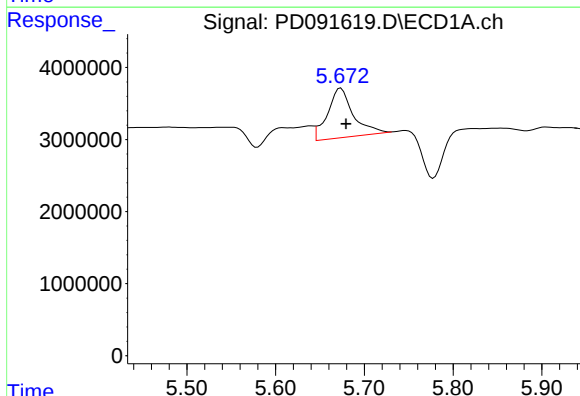
R.T.: 4.765 min
Delta R.T.: 0.009 min
Response: 3191517
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



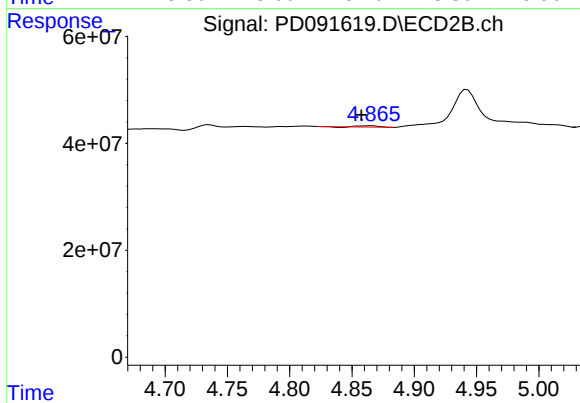
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.012 min
Response: 1618836
Conc: 0.03 ng/ml



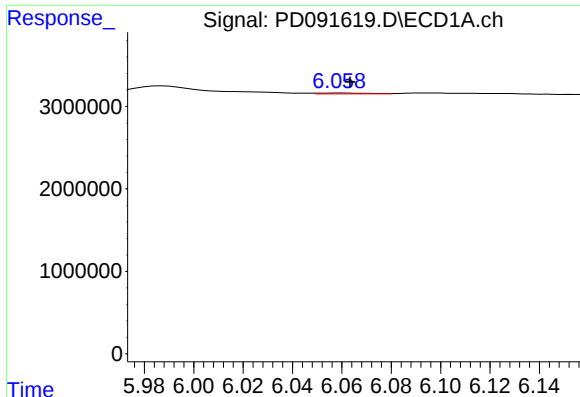
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 13784426
Conc: 2.23 ng/ml



#8 Heptachlor epoxide

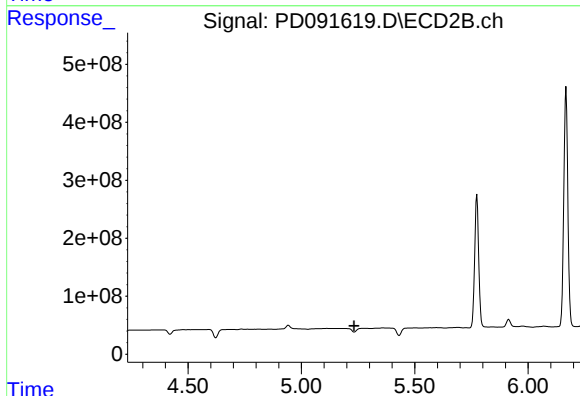
R.T.: 4.866 min
Delta R.T.: 0.008 min
Response: 2373300
Conc: 0.05 ng/ml



#9 Endosulfan I

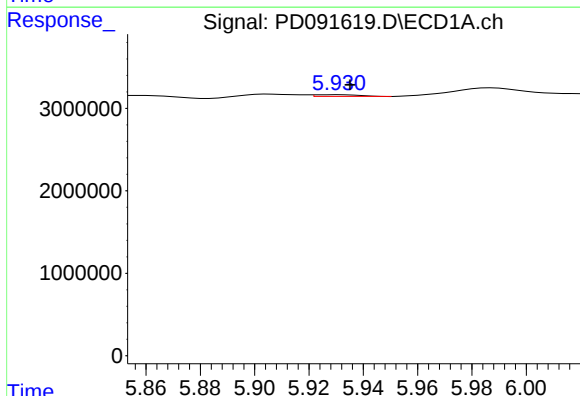
R.T.: 6.059 min
Delta R.T.: -0.004 min
Response: 128150
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



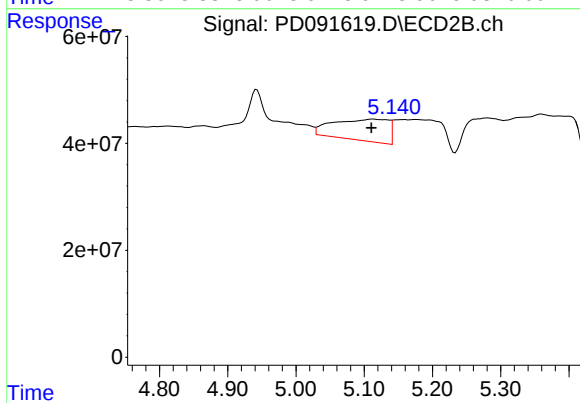
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.232 min
Response: 0
Conc: N.D.



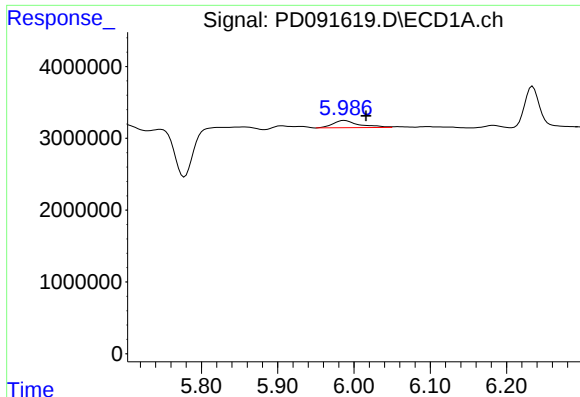
#10 gamma-Chlordane

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 238871
Conc: 0.04 ng/ml



#10 gamma-Chlordane

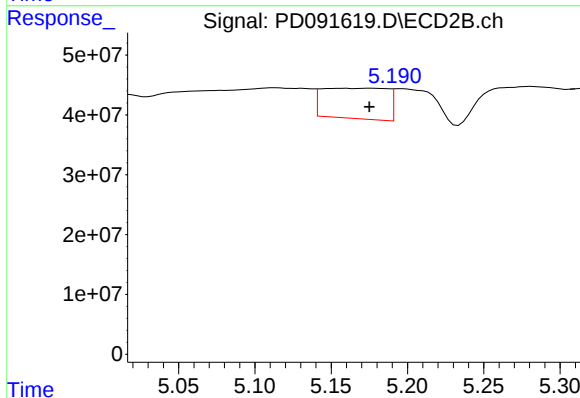
R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 225045400
Conc: 4.03 ng/ml



#11 alpha-Chlordane

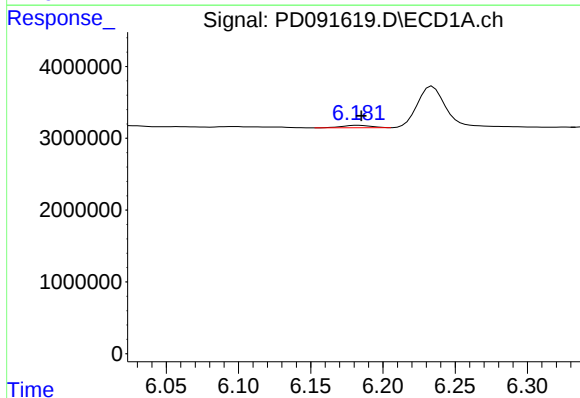
R.T.: 5.987 min
Delta R.T.: -0.029 min
Response: 2433442
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



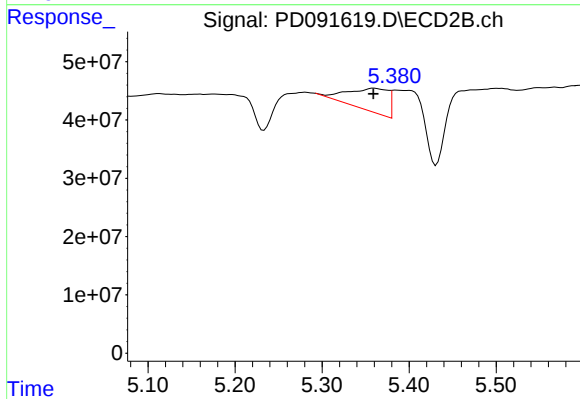
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 150709253
Conc: 2.81 ng/ml



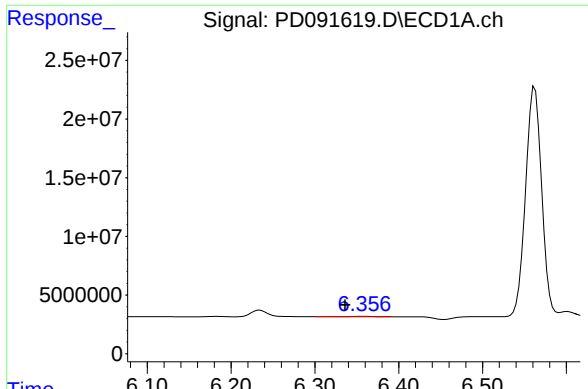
#12 4,4'-DDE

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 475667
Conc: 0.08 ng/ml



#12 4,4'-DDE

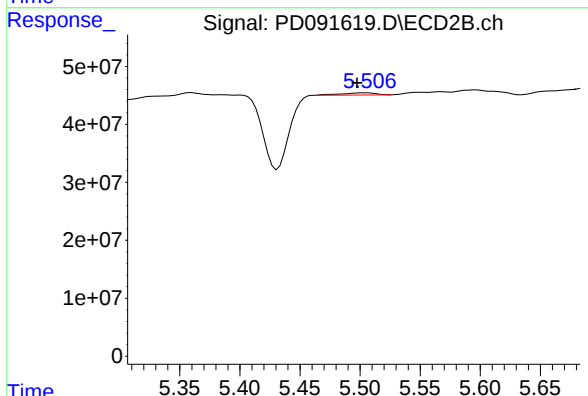
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 126957506
Conc: 2.32 ng/ml



#13 Dieldrin

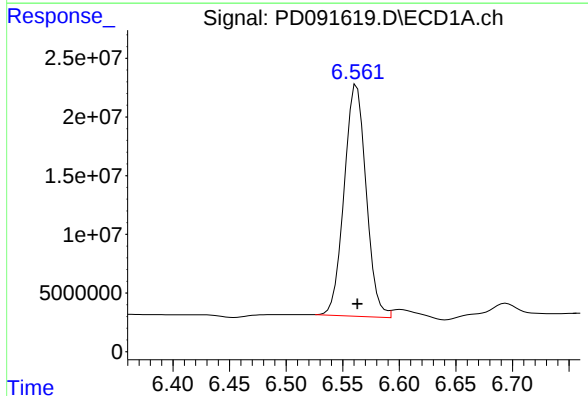
R.T.: 6.357 min
Delta R.T.: 0.021 min
Response: 530420
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



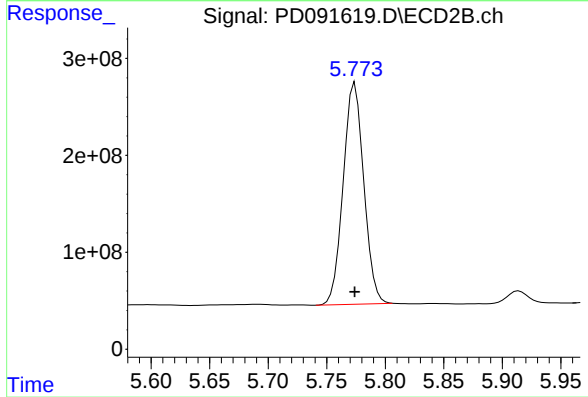
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.004 min
Response: 7549001
Conc: 0.14 ng/ml



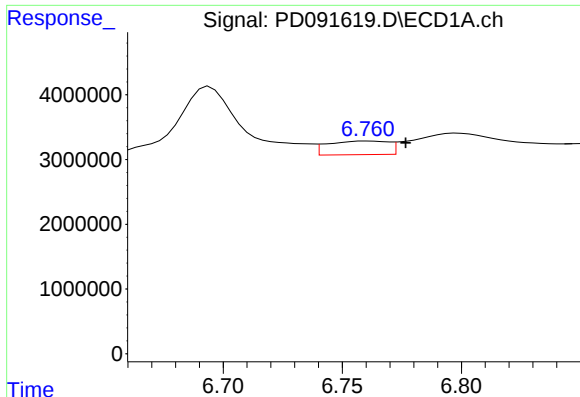
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 266737986
Conc: 47.56 ng/ml



#14 Endrin

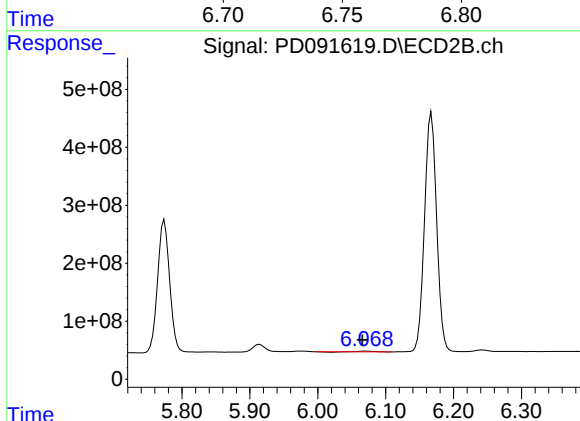
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2799049632
Conc: 53.54 ng/ml



#15 Endosulfan II

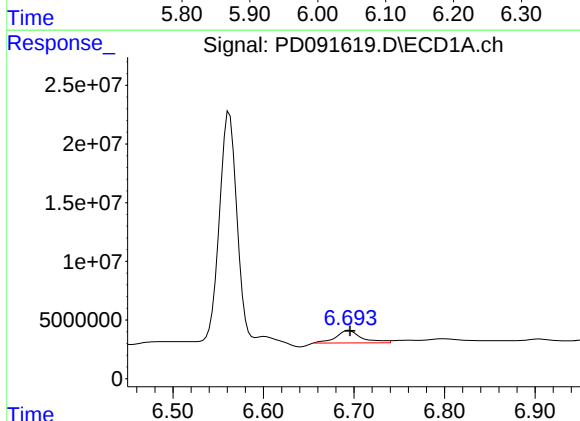
R.T.: 6.761 min
Delta R.T.: -0.016 min
Response: 3740042
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



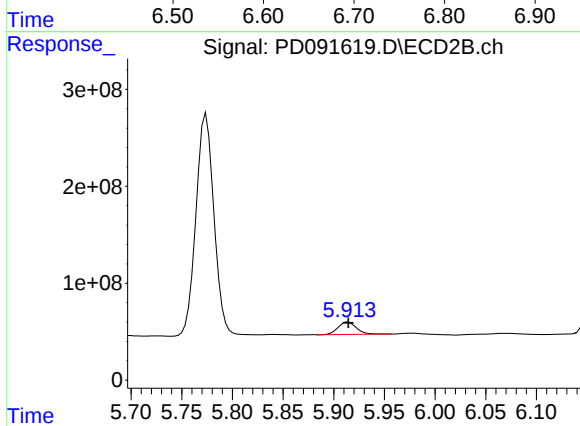
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 15509563
Conc: 0.33 ng/ml



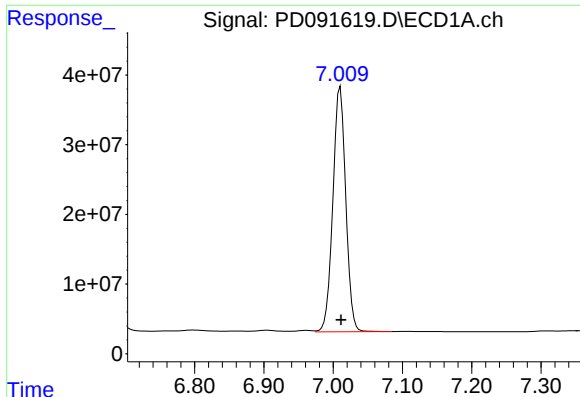
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 20975616
Conc: 4.56 ng/ml



#16 4,4'-DDD

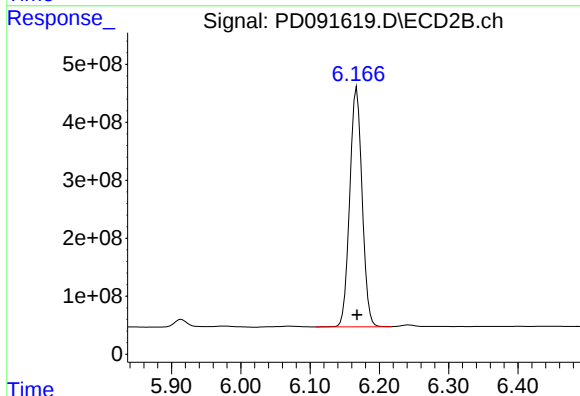
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 160829354
Conc: 3.54 ng/ml



#17 4,4'-DDT

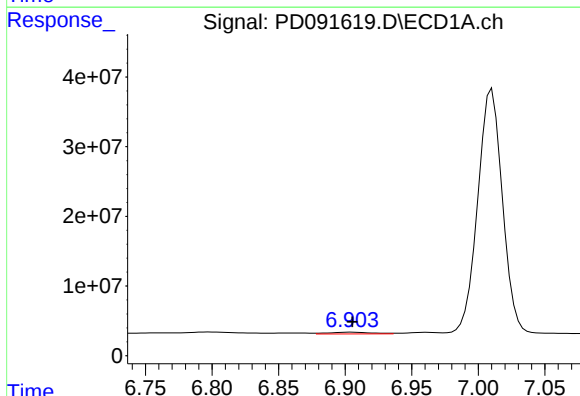
R.T.: 7.010 min
Delta R.T.: -0.001 min
Response: 455068048
Conc: 88.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



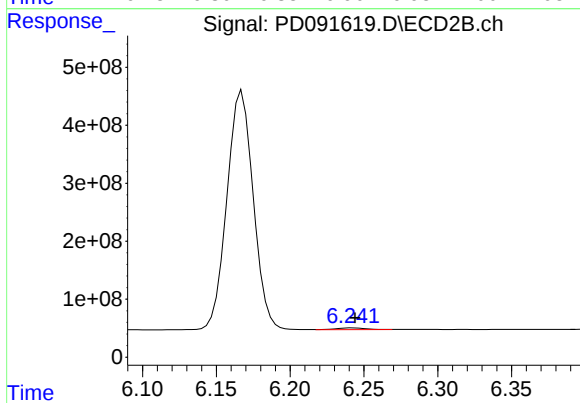
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 5129319017
Conc: 108.22 ng/ml



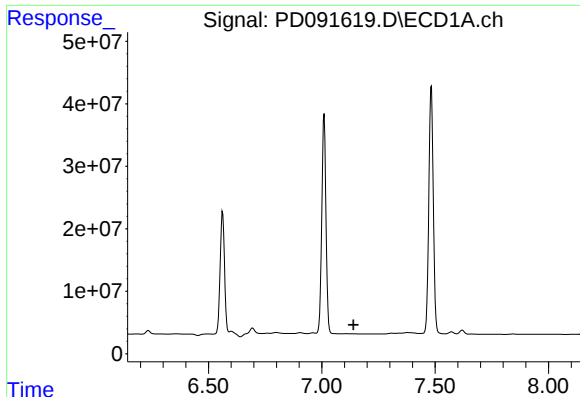
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 5869401
Conc: 1.41 ng/ml



#18 Endrin aldehyde

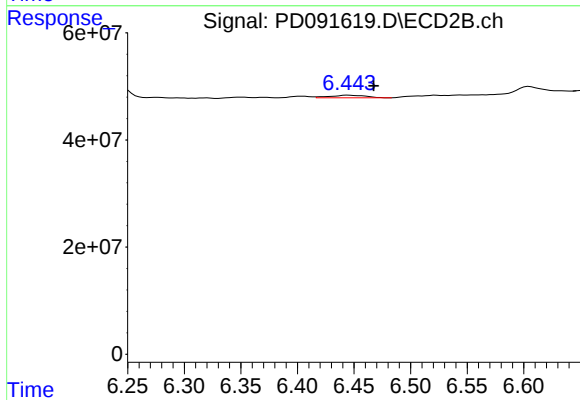
R.T.: 6.242 min
Delta R.T.: -0.002 min
Response: 41318414
Conc: 1.16 ng/ml



#19 Endosulfan Sulfate

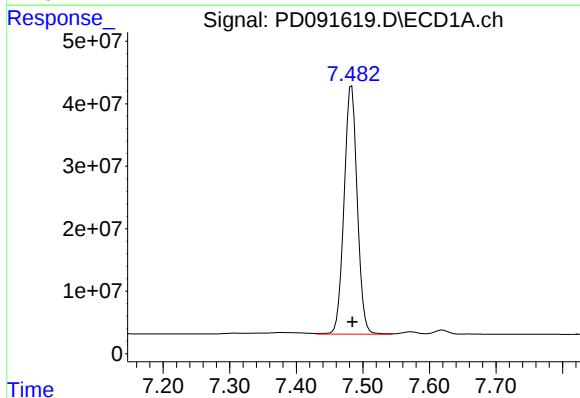
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



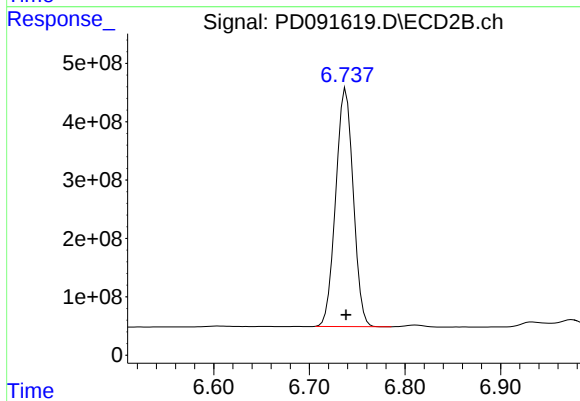
#19 Endosulfan Sulfate

R.T.: 6.445 min
Delta R.T.: -0.023 min
Response: 10678457
Conc: 0.23 ng/ml



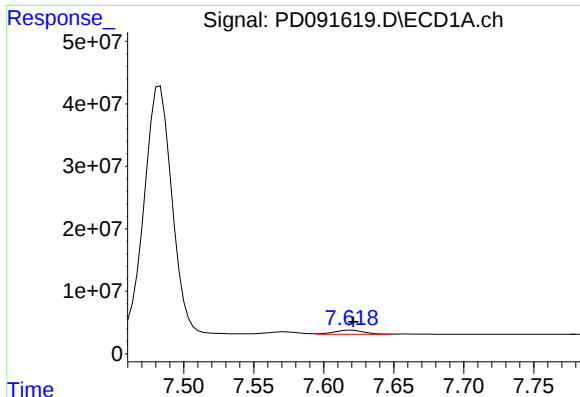
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 547425147
Conc: 203.66 ng/ml



#20 Methoxychlor

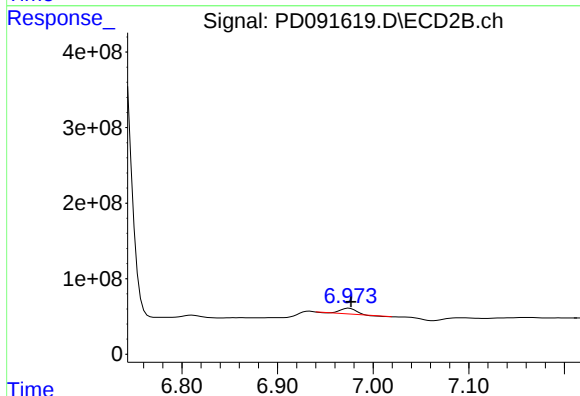
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 5187412613
Conc: 219.82 ng/ml



#21 Endrin ketone

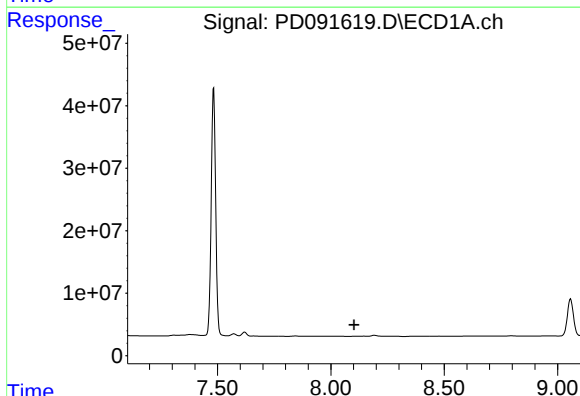
R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 9806286
Conc: 1.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



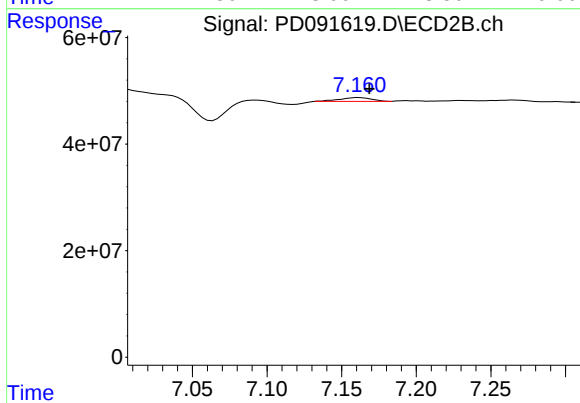
#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 73019739
Conc: 1.50 ng/ml



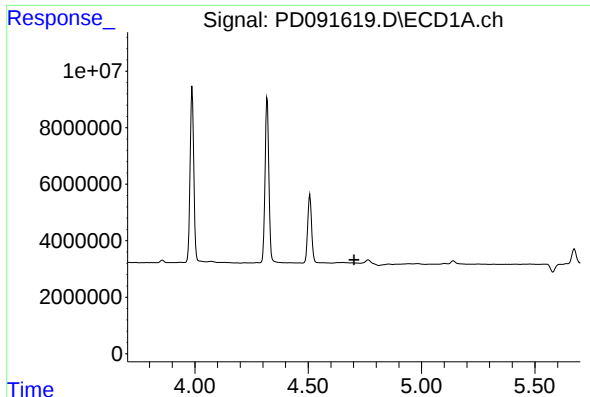
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.015 min
Response: -16413
Conc: N.D.



#22 Mirex

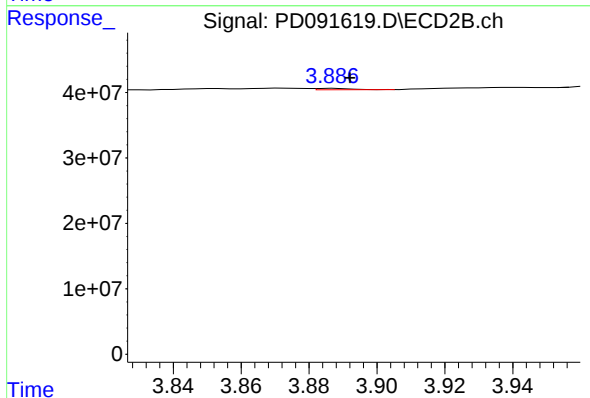
R.T.: 7.161 min
Delta R.T.: -0.007 min
Response: 10788526
Conc: 0.33 ng/ml



#23 Chlordane-1

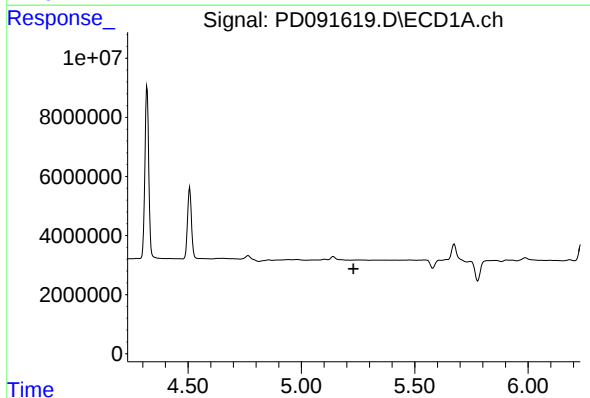
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



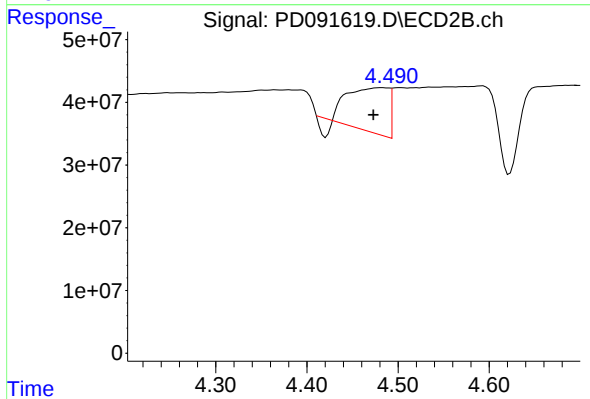
#23 Chlordane-1

R.T.: 3.887 min
Delta R.T.: -0.005 min
Response: 1449445
Conc: 0.97 ng/ml



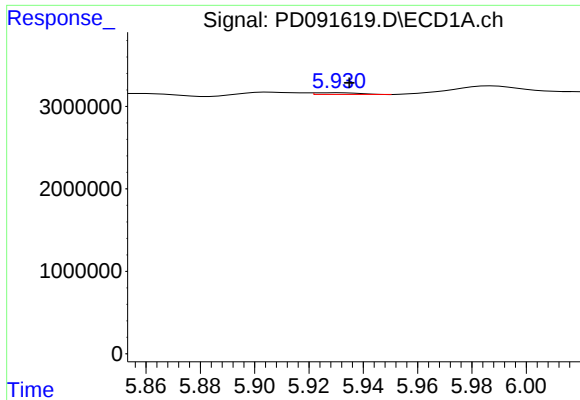
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.230 min
Response: 0
Conc: N.D.



#24 Chlordane-2

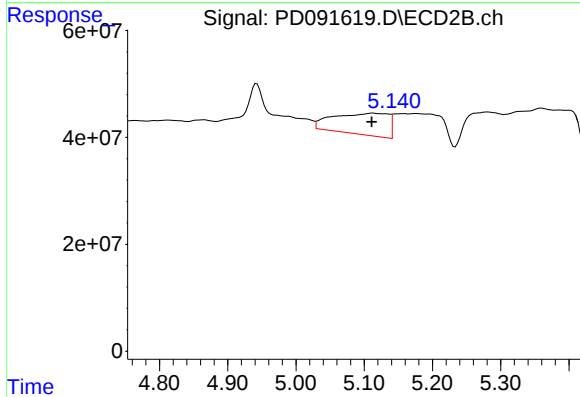
R.T.: 4.482 min
Delta R.T.: 0.008 min
Response: 211433131
Conc: 133.91 ng/ml



#25 Chlordane-3

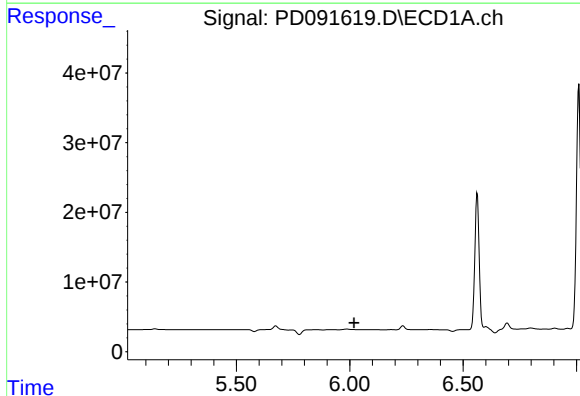
R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 238871
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



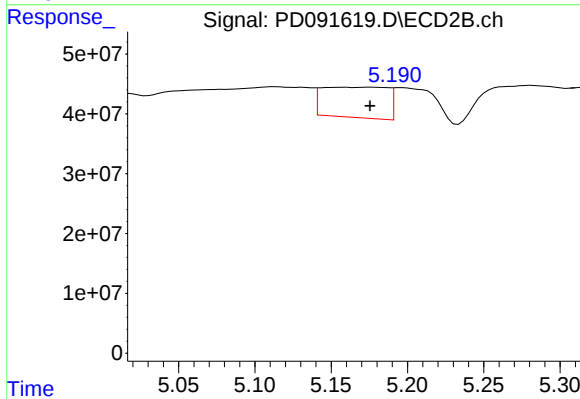
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 225045400
Conc: 44.19 ng/ml



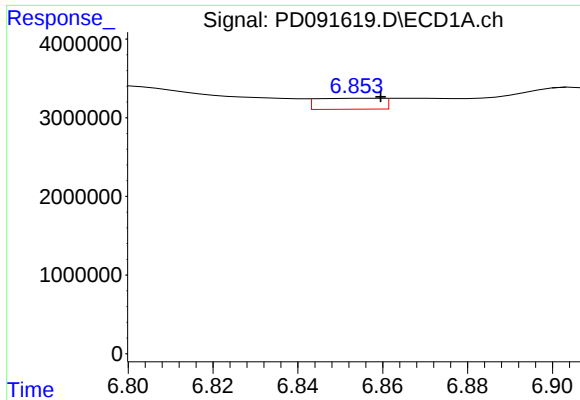
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#26 Chlordane-4

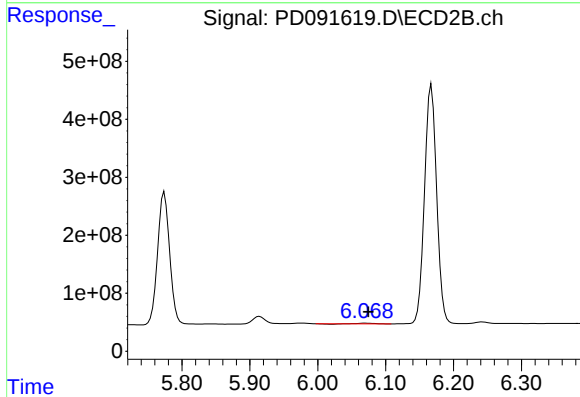
R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 150709253
Conc: 35.31 ng/ml



#27 Chlordane-5

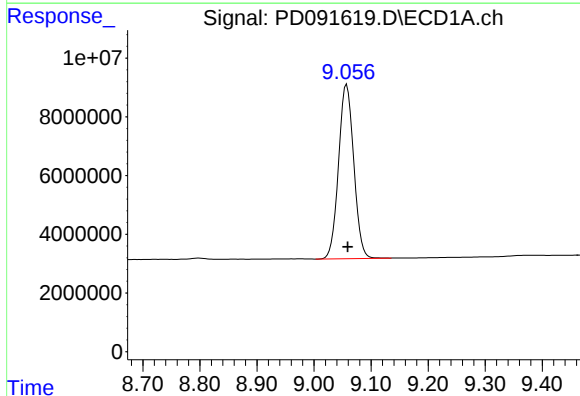
R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 1502057
Conc: 8.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



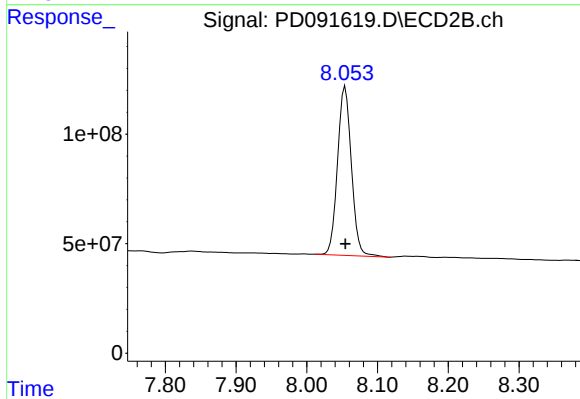
#27 Chlordane-5

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 15509563
Conc: 8.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.002 min
Response: 109948931
Conc: 21.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 1047376748
Conc: 25.29 ng/ml