

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2025 12:59
 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 08 18:18:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 08 18:16:02 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	70631714	792.5E6	20.336	20.113
28)	SA Decachlor...	9.058	8.054	107.5E6	799.4E6	20.683	19.304
Target Compounds							
2)	A alpha-BHC	3.988	3.382	68537050	654.4E6	8.513	9.600
3)	MA gamma-BHC...	4.319	3.717	64983259	467.9E6	8.646	8.321
4)	MA Heptachlor	0.000	4.079	0	4457640	N.D.	0.076 #
5)	MB Aldrin	5.253	4.351	355472	7079782	0.051	0.122 #
6)	B beta-BHC	4.507	4.014	27716419	223.4E6	9.600	9.324
7)	B delta-BHC	0.000	4.249	0	2137527	N.D.	0.036 #
8)	B Heptachlo...	5.672	0.000	7889026	0	1.274	N.D. #
9)	A Endosulfan I	6.077	5.218	311141	5131958	0.051	0.105 #
10)	B gamma-Chl...	0.000	5.114	0	28798540	N.D.	0.516 #
11)	B alpha-Chl...	5.988f	5.173	3768680	5736221	0.561	0.107 #
12)	B 4,4'-DDE	6.188	5.361	121525	2041160	0.021	0.037 #
13)	MA Dieldrin	0.000	5.510	0	838583	N.D.	0.015 #
14)	MA Endrin	6.563	5.774	256.6E6	2238.5E6	45.746	42.819
15)	B Endosulfa...	6.759f	0.000	51213716	0	8.422	N.D. #
16)	A 4,4'-DDD	6.696	5.917	2347282	15854242	0.510	0.349 #
17)	MA 4,4'-DDT	7.010	6.167	483.3E6	4169.3E6	93.729	87.963
18)	B Endrin al...	6.907	6.249	1997222	85938876	0.478	2.408 #
19)	B Endosulfa...	0.000	6.470	0	4386298	N.D.	0.095 #
20)	A Methoxychlor	7.484	6.738	582.6E6	4413.2E6	216.760	187.016
21)	B Endrin ke...	7.619	6.976	2577460	30386529	0.457	0.625 #
22)	Mirex	0.000	7.163	0	10526115	N.D.	0.321 #
24)	Chlordane-2	5.253f	4.475	355472	4810866	1.738	3.047 #
25)	Chlordane-3	0.000	5.114	0	28798540	N.D.	5.655 #
26)	Chlordane-4	0.000	5.173	0	5736221	N.D.	1.344 #

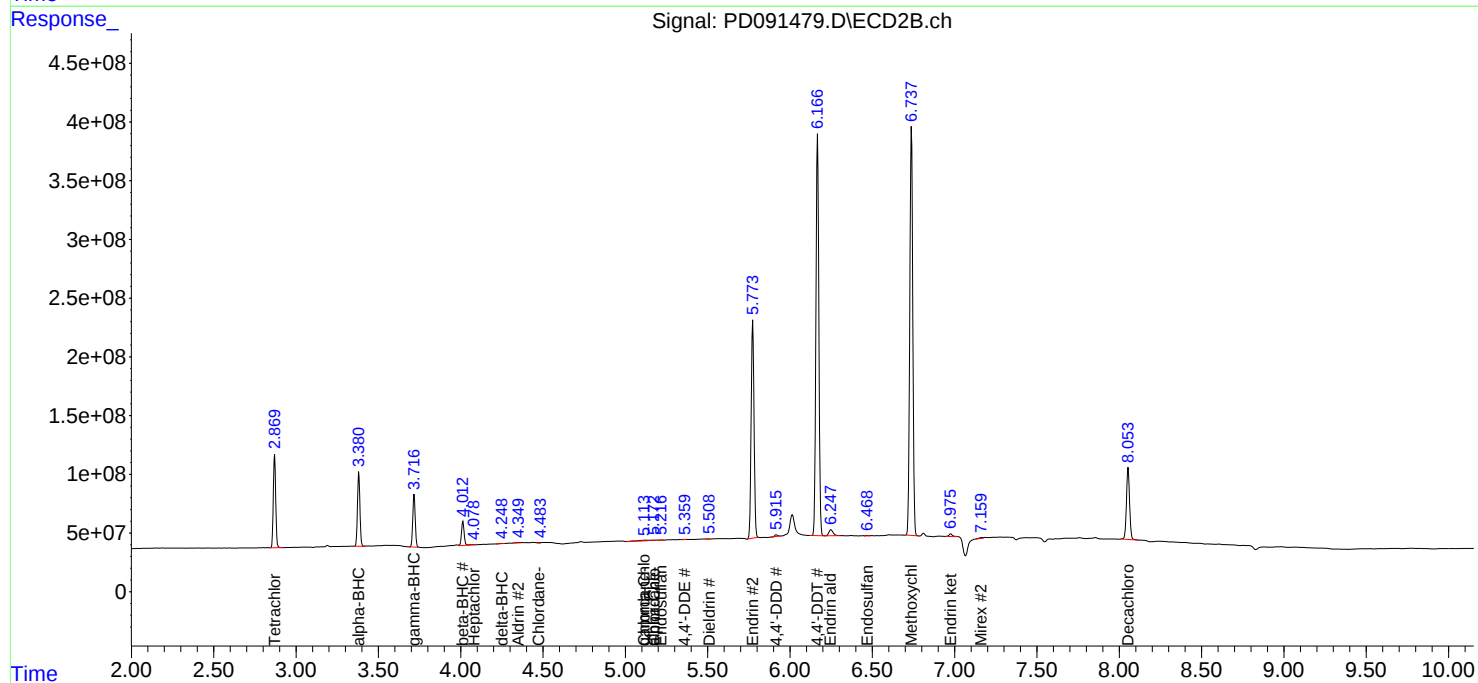
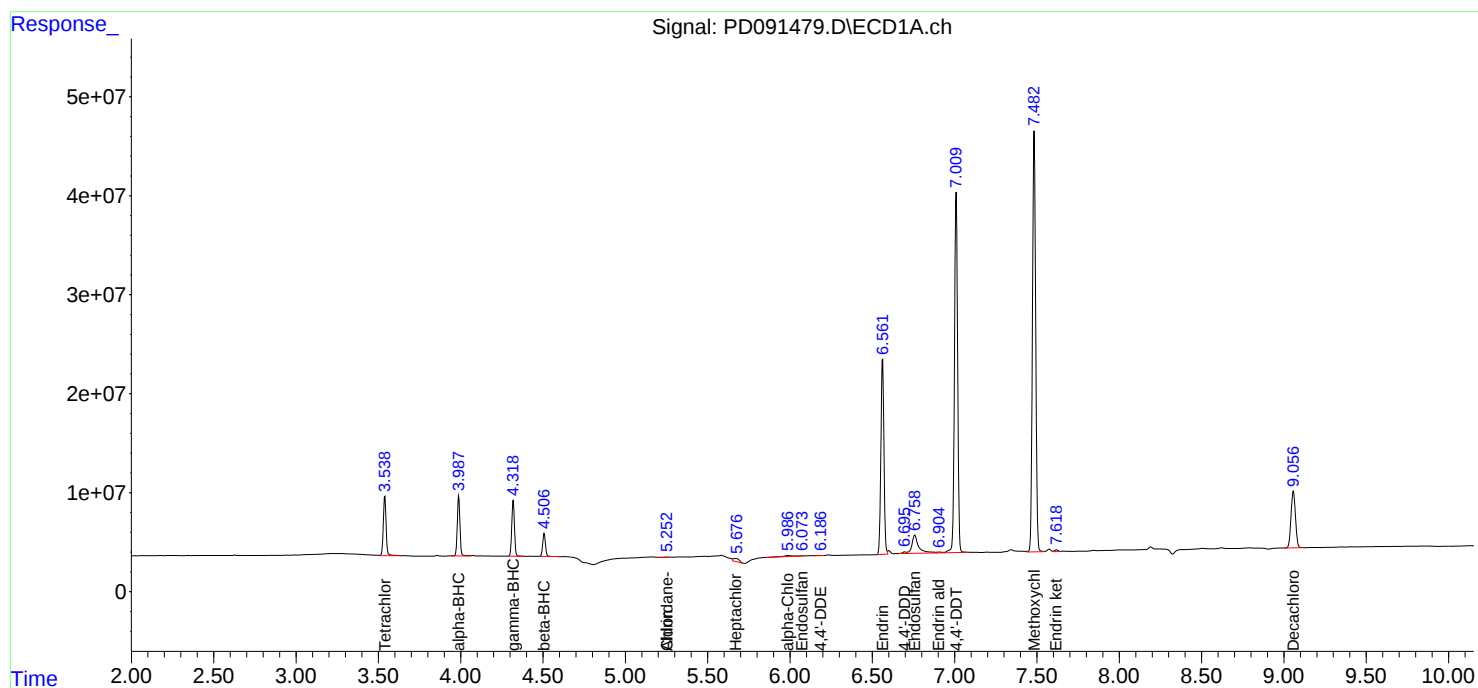
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

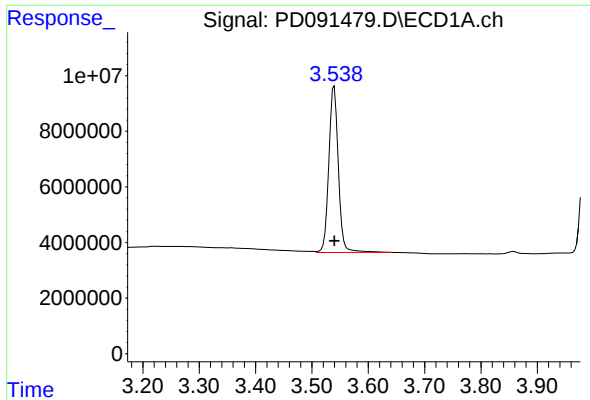
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 12:59
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 08 18:18:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Mon Dec 08 18:16:02 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

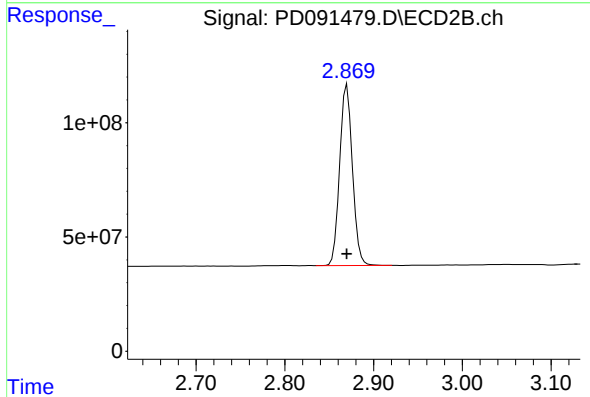




#1 Tetrachloro-m-xylene

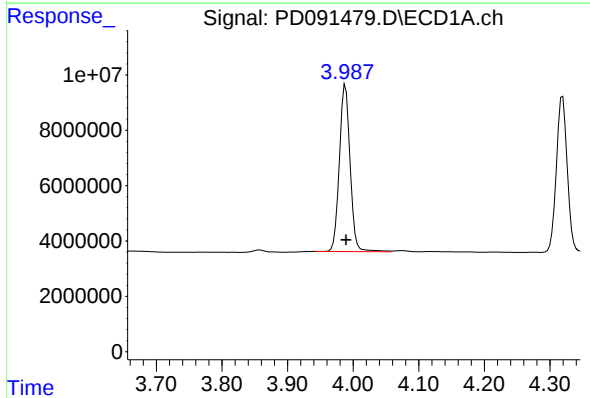
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 70631714
Conc: 20.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



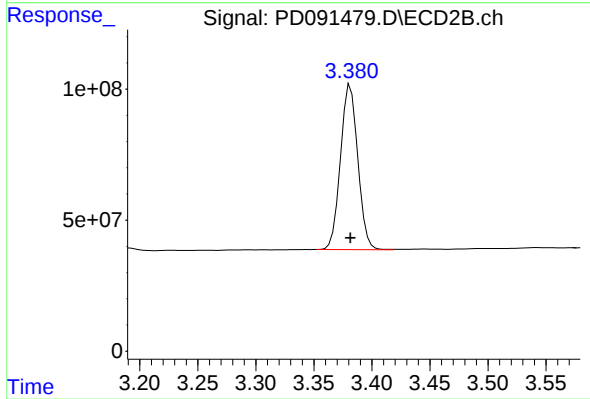
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 792509158
Conc: 20.11 ng/ml



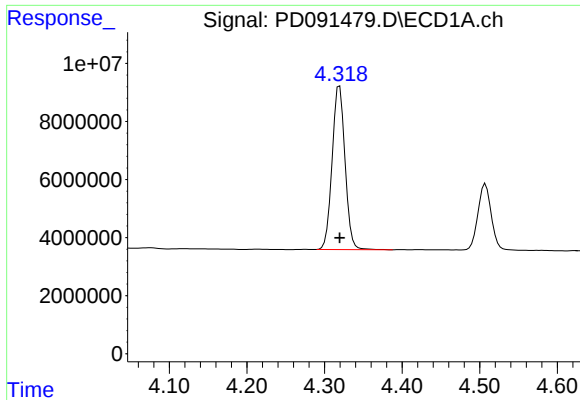
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 68537050
Conc: 8.51 ng/ml



#2 alpha-BHC

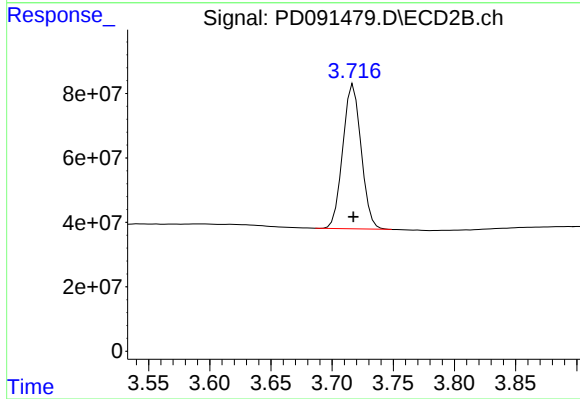
R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 654437936
Conc: 9.60 ng/ml



#3 gamma-BHC (Lindane)

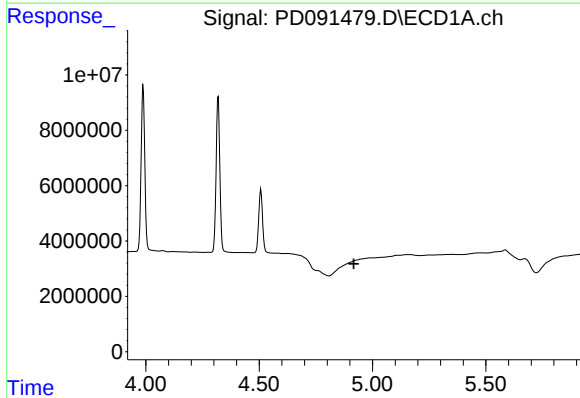
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 64983259
Conc: 8.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



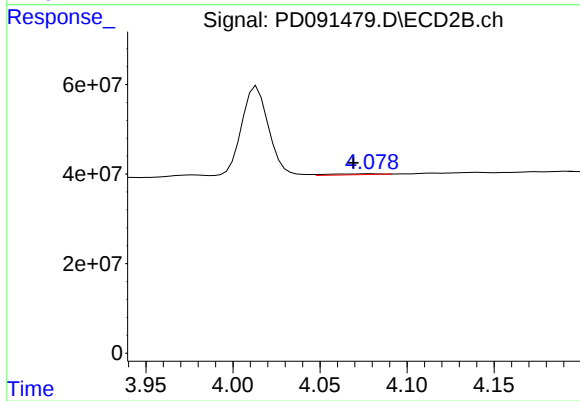
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 467891838
Conc: 8.32 ng/ml



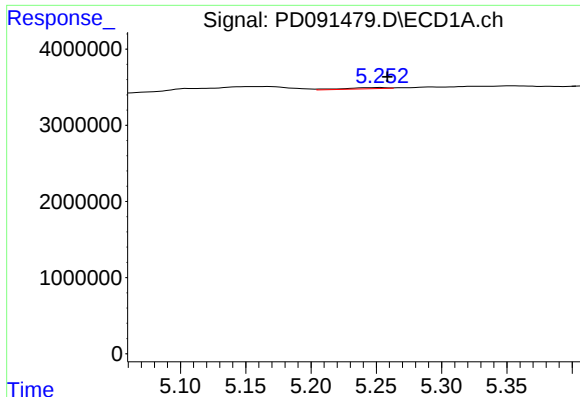
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.917 min
Response: 0
Conc: N.D.



#4 Heptachlor

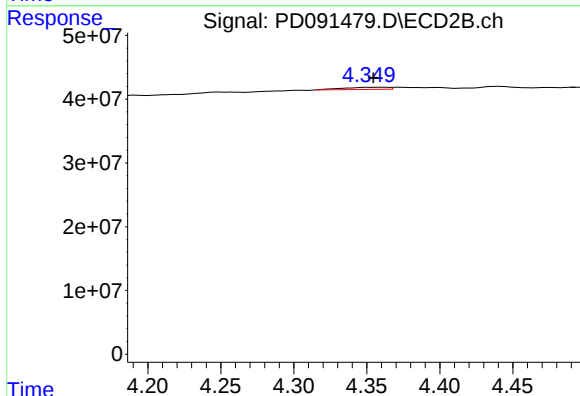
R.T.: 4.079 min
Delta R.T.: 0.010 min
Response: 4457640
Conc: 0.08 ng/ml



#5 Aldrin

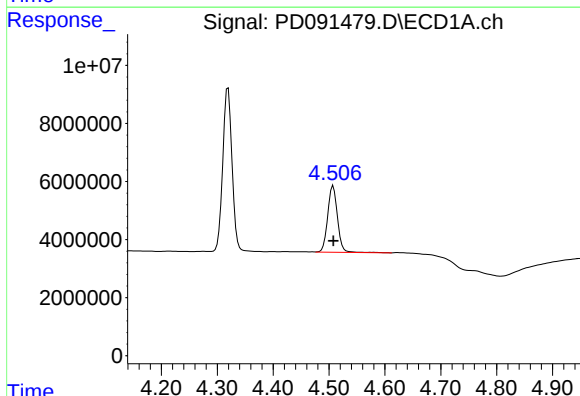
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 355472
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



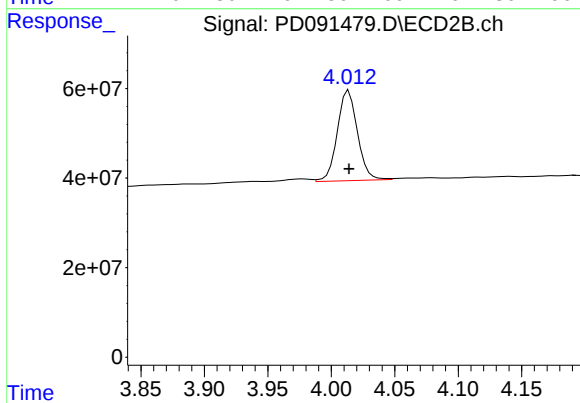
#5 Aldrin

R.T.: 4.351 min
Delta R.T.: -0.003 min
Response: 7079782
Conc: 0.12 ng/ml



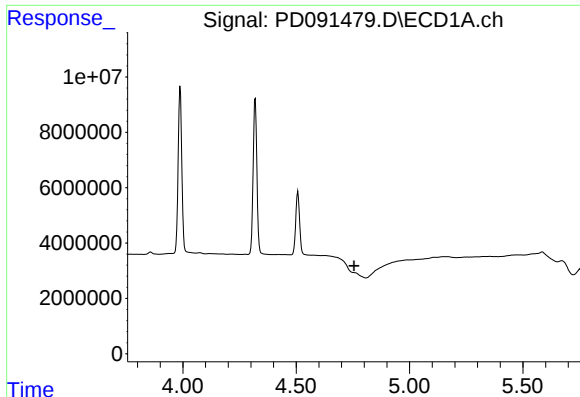
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 27716419
Conc: 9.60 ng/ml



#6 beta-BHC

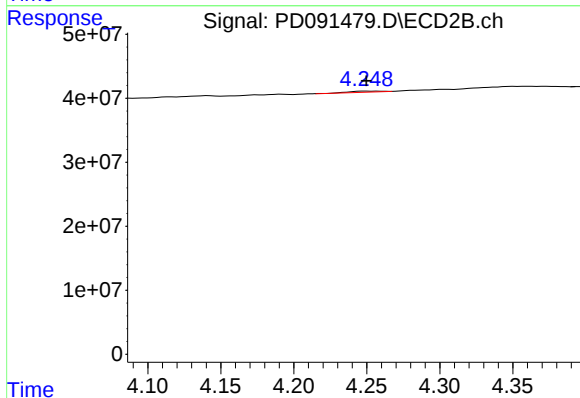
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 223398024
Conc: 9.32 ng/ml



#7 delta-BHC

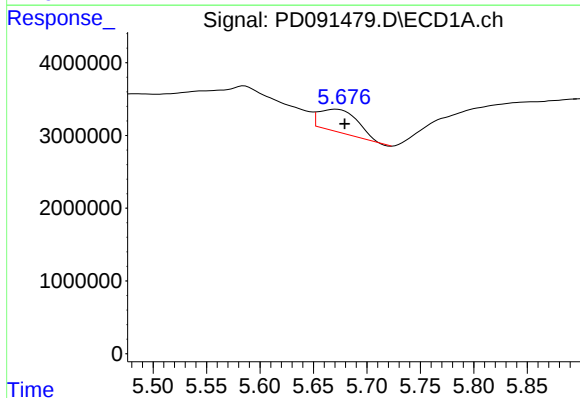
R.T.: 0.000 min
Exp R.T.: 4.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



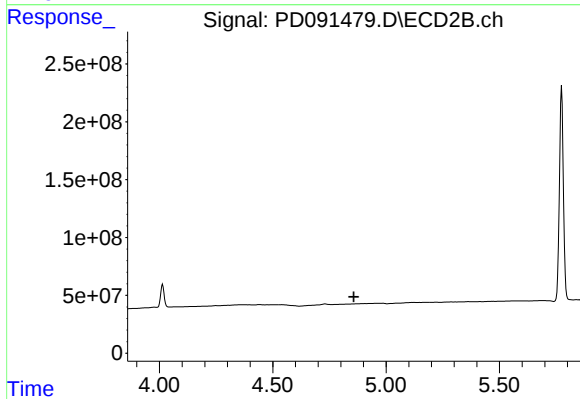
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 2137527
Conc: 0.04 ng/ml



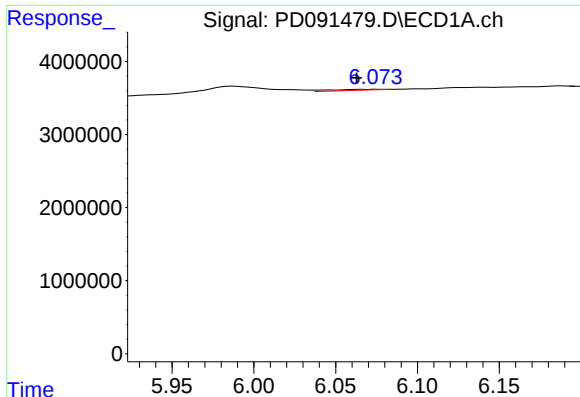
#8 Heptachlor epoxide

R.T.: 5.672 min
Delta R.T.: -0.008 min
Response: 7889026
Conc: 1.27 ng/ml



#8 Heptachlor epoxide

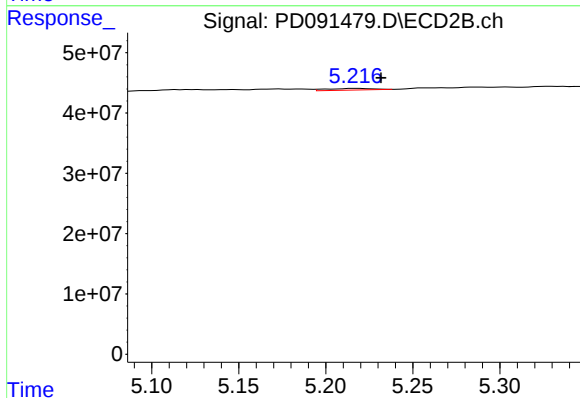
R.T.: 0.000 min
Exp R.T.: 4.858 min
Response: 0
Conc: N.D.



#9 Endosulfan I

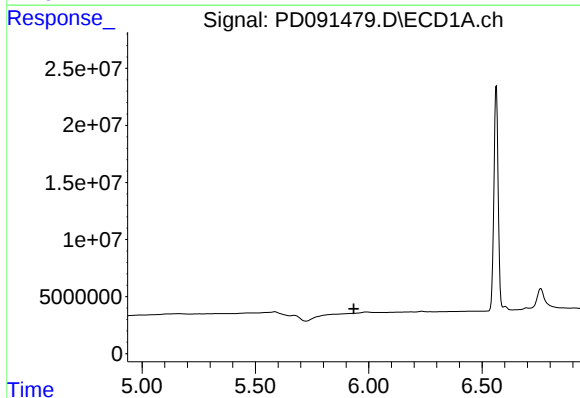
R.T.: 6.077 min
Delta R.T.: 0.014 min
Response: 311141
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



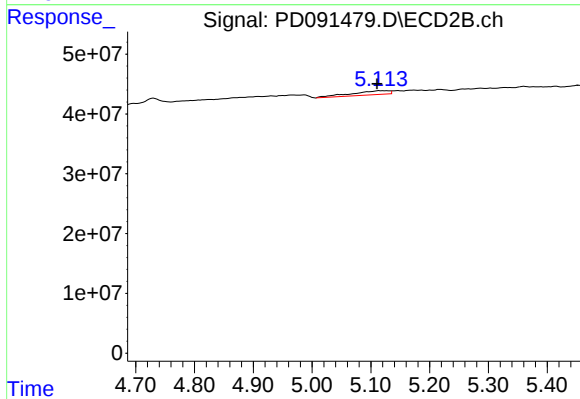
#9 Endosulfan I

R.T.: 5.218 min
Delta R.T.: -0.014 min
Response: 5131958
Conc: 0.10 ng/ml



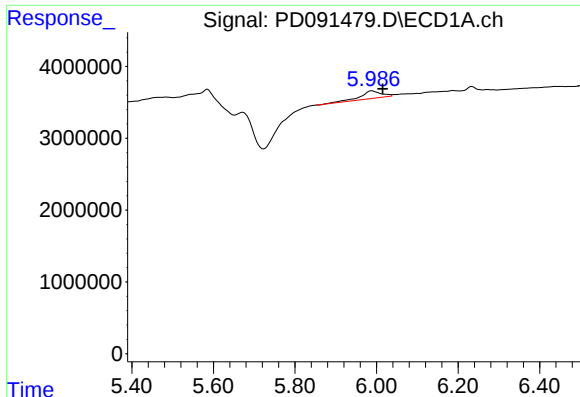
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

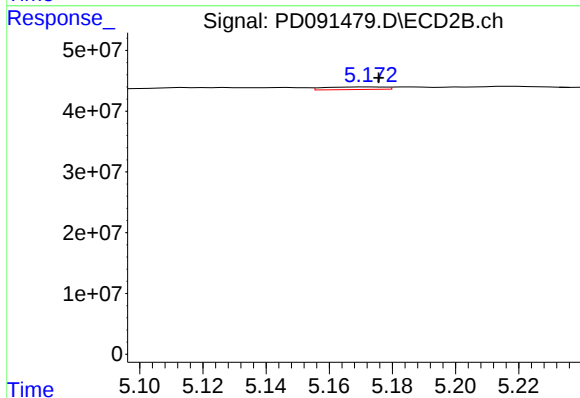
R.T.: 5.114 min
Delta R.T.: 0.003 min
Response: 28798540
Conc: 0.52 ng/ml



#11 alpha-Chlordane

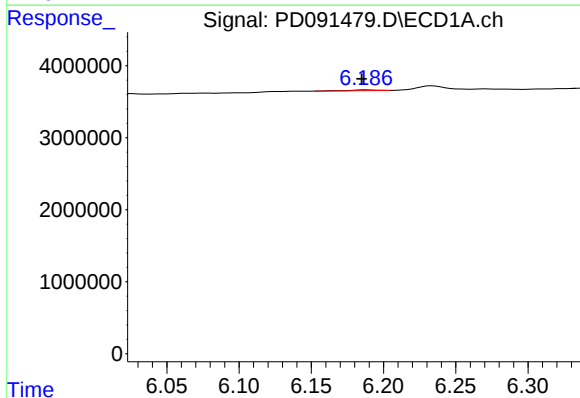
R.T.: 5.988 min
Delta R.T.: -0.027 min
Response: 3768680
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



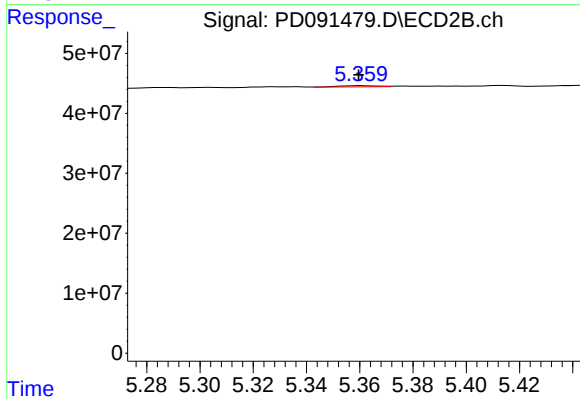
#11 alpha-Chlordane

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 5736221
Conc: 0.11 ng/ml



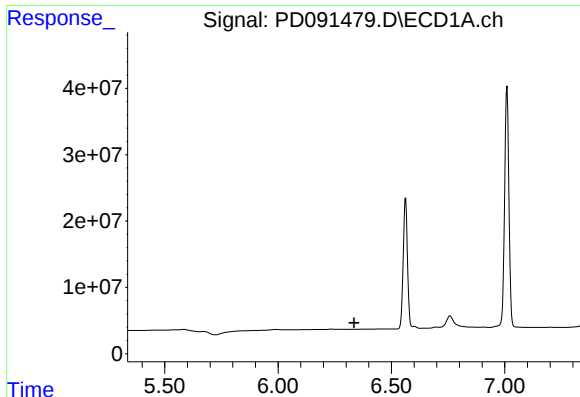
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.003 min
Response: 121525
Conc: 0.02 ng/ml



#12 4,4'-DDE

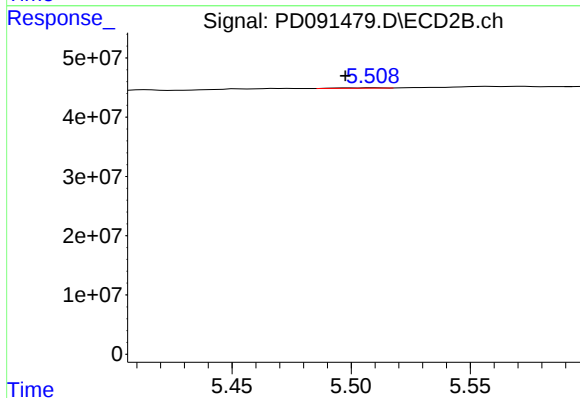
R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 2041160
Conc: 0.04 ng/ml



#13 Dieldrin

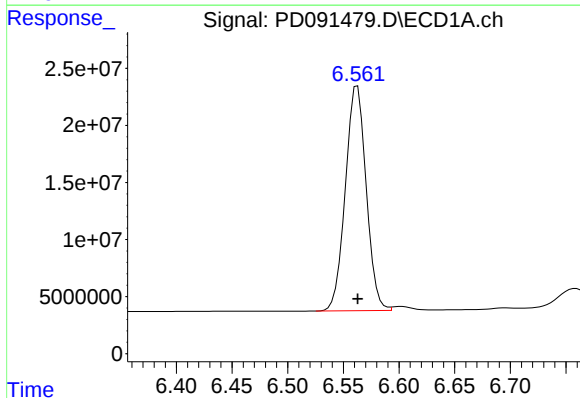
R.T.: 0.000 min
Exp R.T.: 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



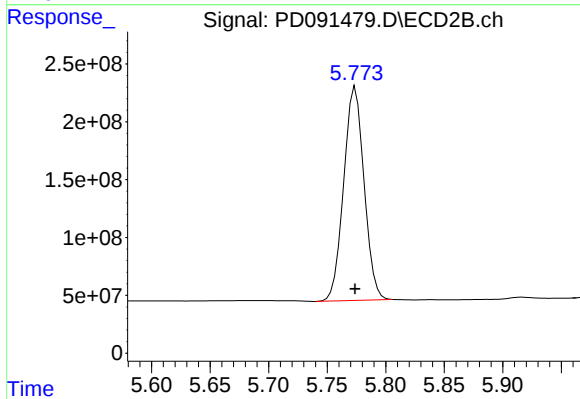
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: 0.012 min
Response: 838583
Conc: 0.02 ng/ml



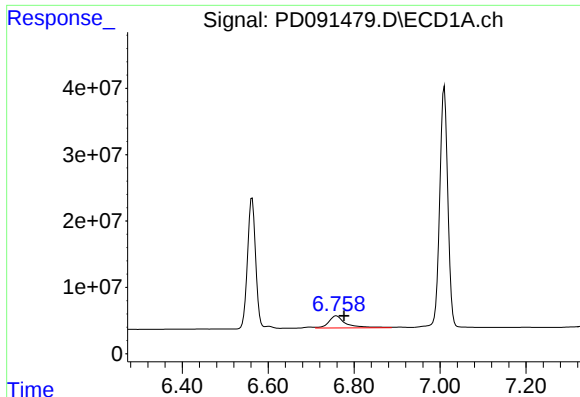
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 256550936
Conc: 45.75 ng/ml



#14 Endrin

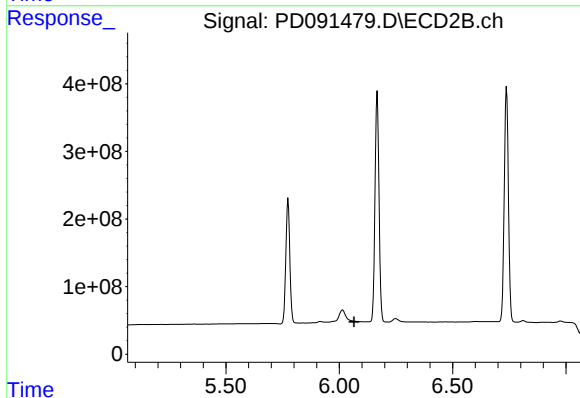
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2238506951
Conc: 42.82 ng/ml



#15 Endosulfan II

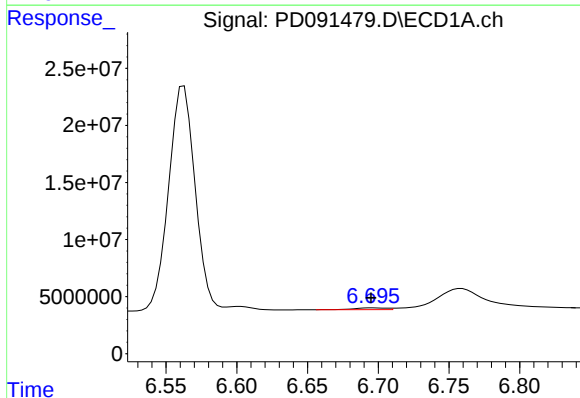
R.T.: 6.759 min
Delta R.T.: -0.017 min
Response: 51213716
Conc: 8.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



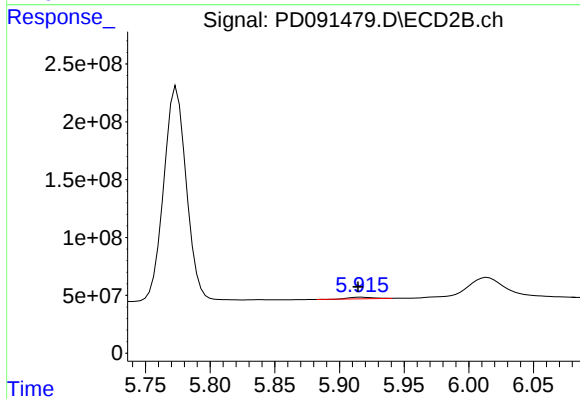
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



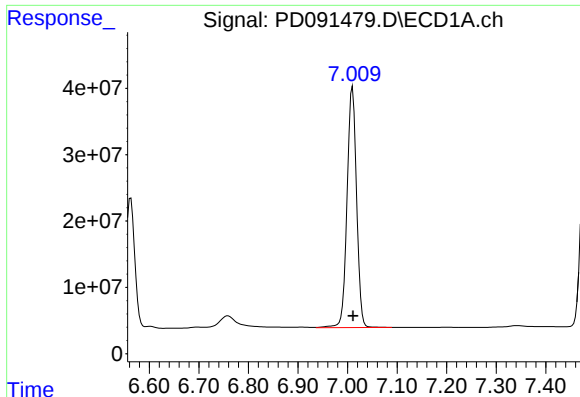
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: 0.001 min
Response: 2347282
Conc: 0.51 ng/ml



#16 4,4'-DDD

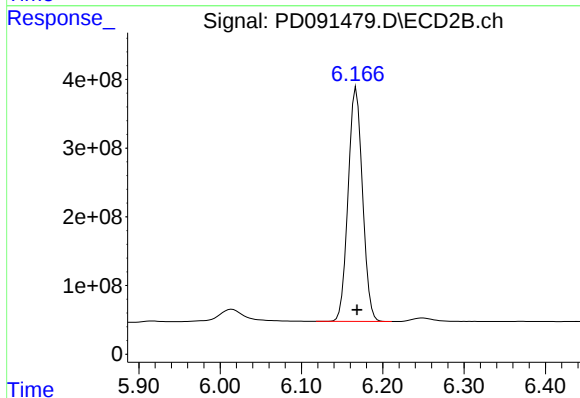
R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 15854242
Conc: 0.35 ng/ml



#17 4,4'-DDT

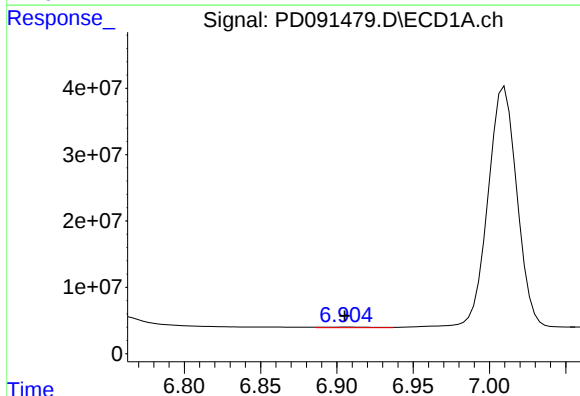
R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 483311936
Conc: 93.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



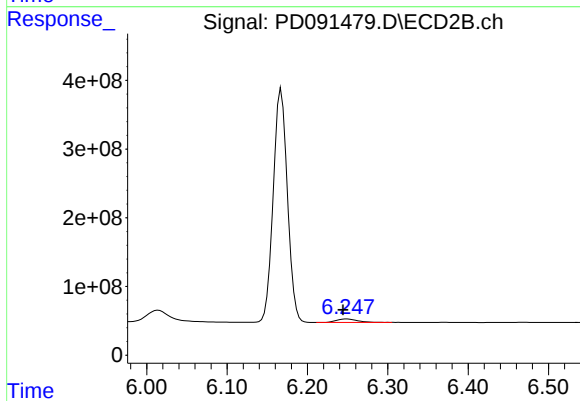
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 4169334374
Conc: 87.96 ng/ml



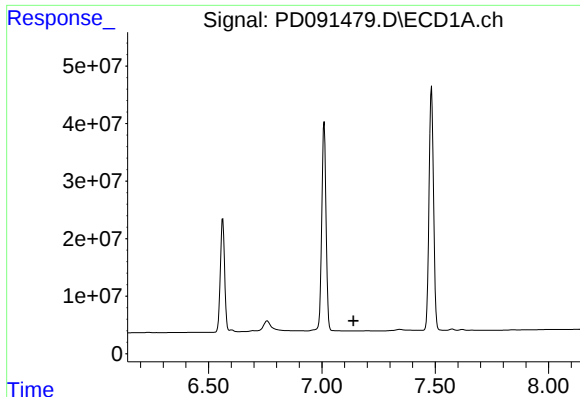
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 1997222
Conc: 0.48 ng/ml



#18 Endrin aldehyde

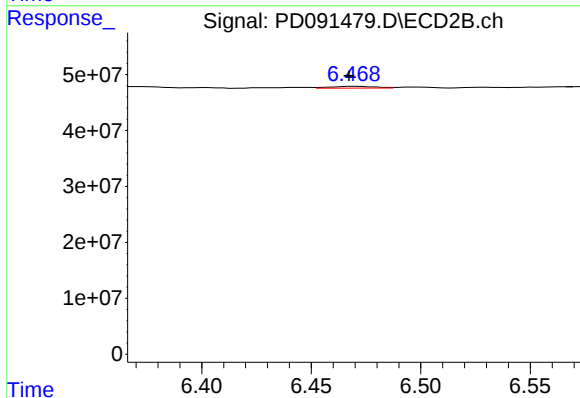
R.T.: 6.249 min
Delta R.T.: 0.004 min
Response: 85938876
Conc: 2.41 ng/ml



#19 Endosulfan Sulfate

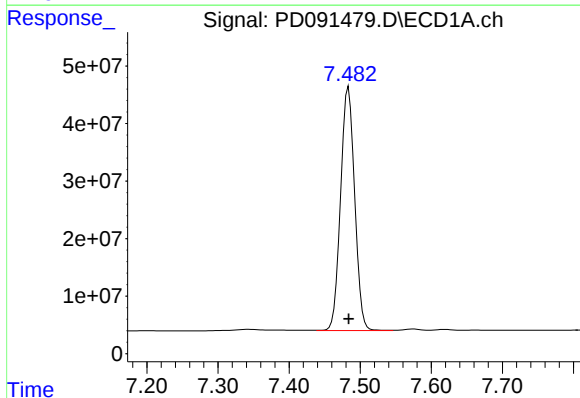
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



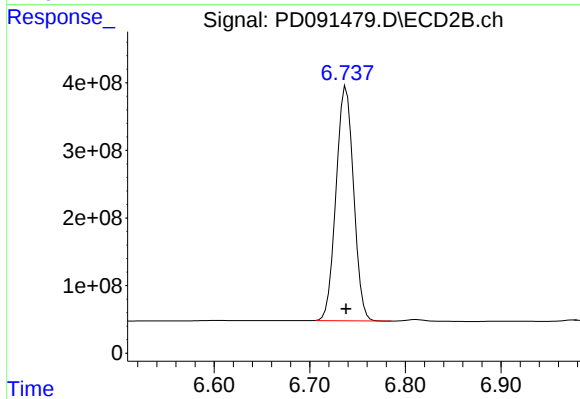
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 4386298
Conc: 0.10 ng/ml



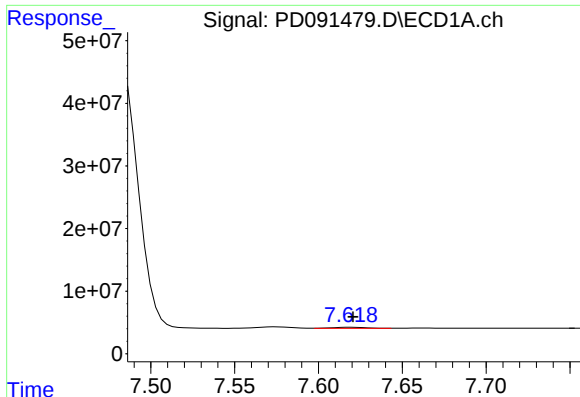
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 582648022
Conc: 216.76 ng/ml



#20 Methoxychlor

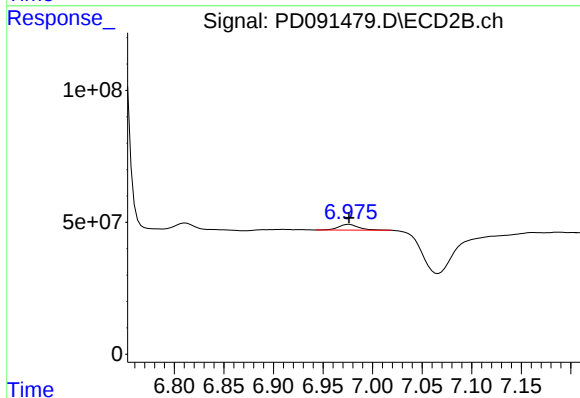
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 4413207115
Conc: 187.02 ng/ml



#21 Endrin ketone

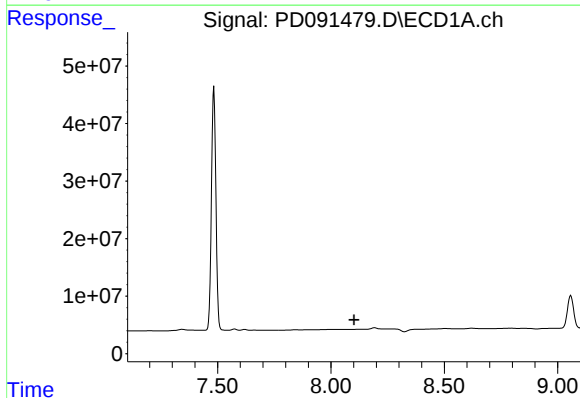
R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 2577460
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



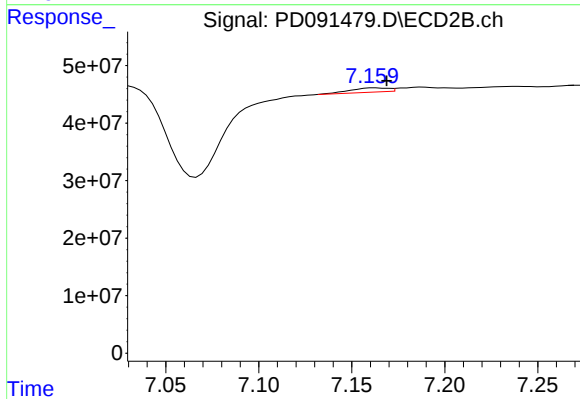
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 30386529
Conc: 0.62 ng/ml



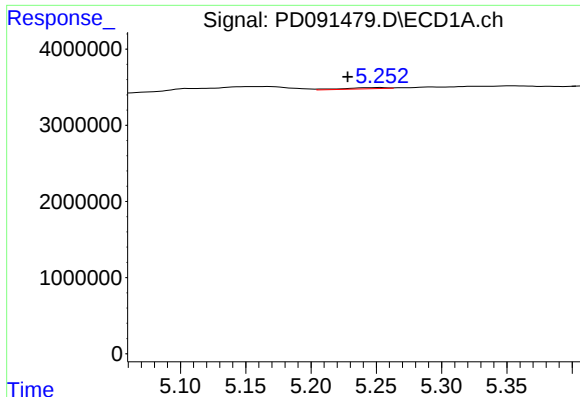
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#22 Mirex

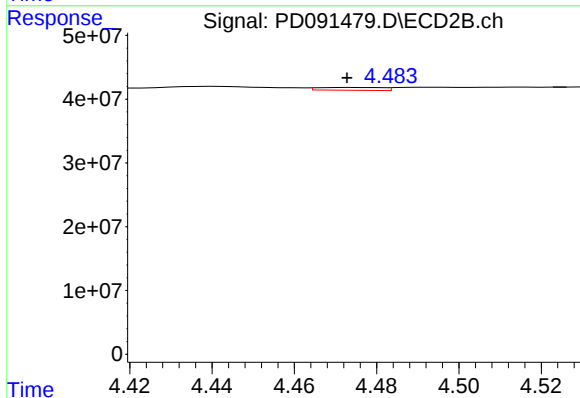
R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 10526115
Conc: 0.32 ng/ml



#24 Chlordane-2

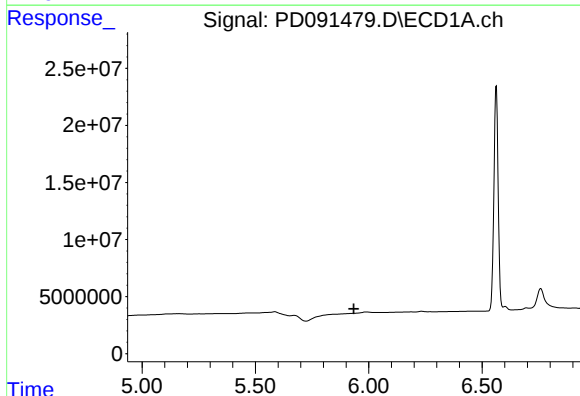
R.T.: 5.253 min
Delta R.T.: 0.025 min
Response: 355472
Conc: 1.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



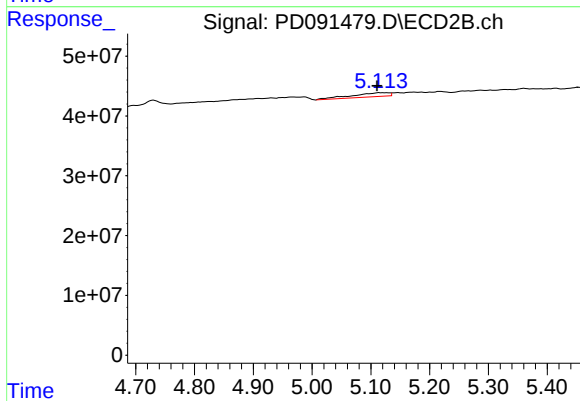
#24 Chlordane-2

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 4810866
Conc: 3.05 ng/ml



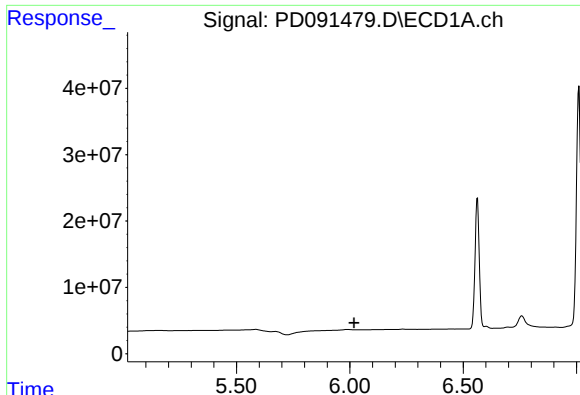
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#25 Chlordane-3

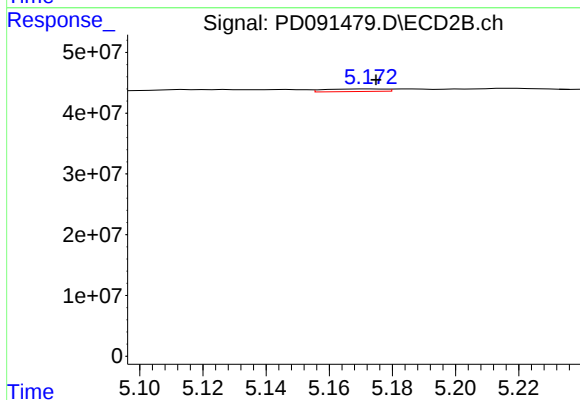
R.T.: 5.114 min
Delta R.T.: 0.004 min
Response: 28798540
Conc: 5.65 ng/ml



#26 Chlordane-4

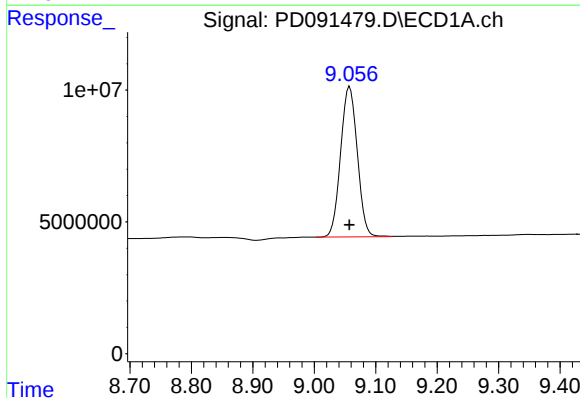
R.T.: 0.000 min
Exp R.T.: 6.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



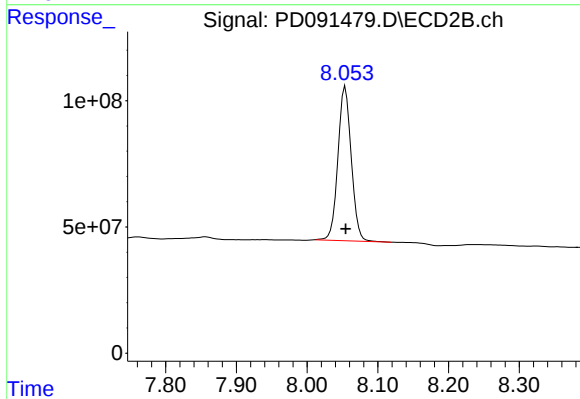
#26 Chlordane-4

R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 5736221
Conc: 1.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 107508655
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 799411454
Conc: 19.30 ng/ml