

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
 Data File : PD091051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2025 09:13
 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: Nov 12 00:18:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	69332731	749.1E6	22.264	25.157
28)	SA Decachlor...	9.067	8.061	94015428	728.1E6	20.098	24.038
Target Compounds							
2)	A alpha-BHC	3.993	3.386	68560854	627.4E6	9.553	12.278 #
3)	MA gamma-BHC...	4.324	3.722	66269563	582.0E6	9.747	12.318 #
4)	MA Heptachlor	4.941f	4.077	1793229	3190008	0.321	0.072 #
5)	MB Aldrin	0.000	4.359	0	3825496	N.D.	0.083 #
6)	B beta-BHC	4.512	4.018	28037251	247.3E6	10.703	12.472
7)	B delta-BHC	4.771	4.264	2456373	1041206	0.363	0.022 #
8)	B Heptachlo...	0.000	4.859	0	984006	N.D.	0.023 #
9)	A Endosulfan I	6.063	5.211f	89703	2365854	0.016	0.060 #
10)	B gamma-Chl...	5.936	5.113	132922	-105537	0.022	N.D. #
11)	B alpha-Chl...	5.993f	5.178	4088301	345854	0.662	0.008 #
12)	B 4,4'-DDE	6.189	5.366	595207	5887475	0.112	0.134
13)	MA Dieldrin	6.363f	5.489f	416990	172749	0.072	0.004 #
14)	MA Endrin	6.568	5.779	238.9E6	2209.2E6	48.231	54.556
15)	B Endosulfa...	6.766	6.076	3209707	8064360	0.642	0.215 #
16)	A 4,4'-DDD	6.700	5.920	16942306	192.1E6	4.179	5.273 #
17)	MA 4,4'-DDT	7.016	6.173	409.2E6	3855.9E6	99.552	109.940
18)	B Endrin al...	6.910	6.248	2357305	36902757	0.644	1.333 #
19)	B Endosulfa...	7.114f	6.453f	276806	2584488	0.060	0.072
20)	A Methoxychlor	7.489	6.744	495.2E6	3915.6E6	232.973	224.673
21)	B Endrin ke...	7.626	6.982	9119276	96251305	1.877	2.552 #
22)	Mirex	0.000	7.166	0	10422107	N.D.	0.406 #
23)	Chlordane-1	0.000	3.884	0	1548359	N.D.	1.242 #
24)	Chlordane-2	0.000	4.489	0	2702543	N.D.	2.072 #
25)	Chlordane-3	5.936	5.113	132922	-105537	0.174	N.D. #
26)	Chlordane-4	0.000	5.178	0	345854	N.D.	0.104 #
27)	Chlordane-5	0.000	6.076	0	8064360	N.D.	5.464 #

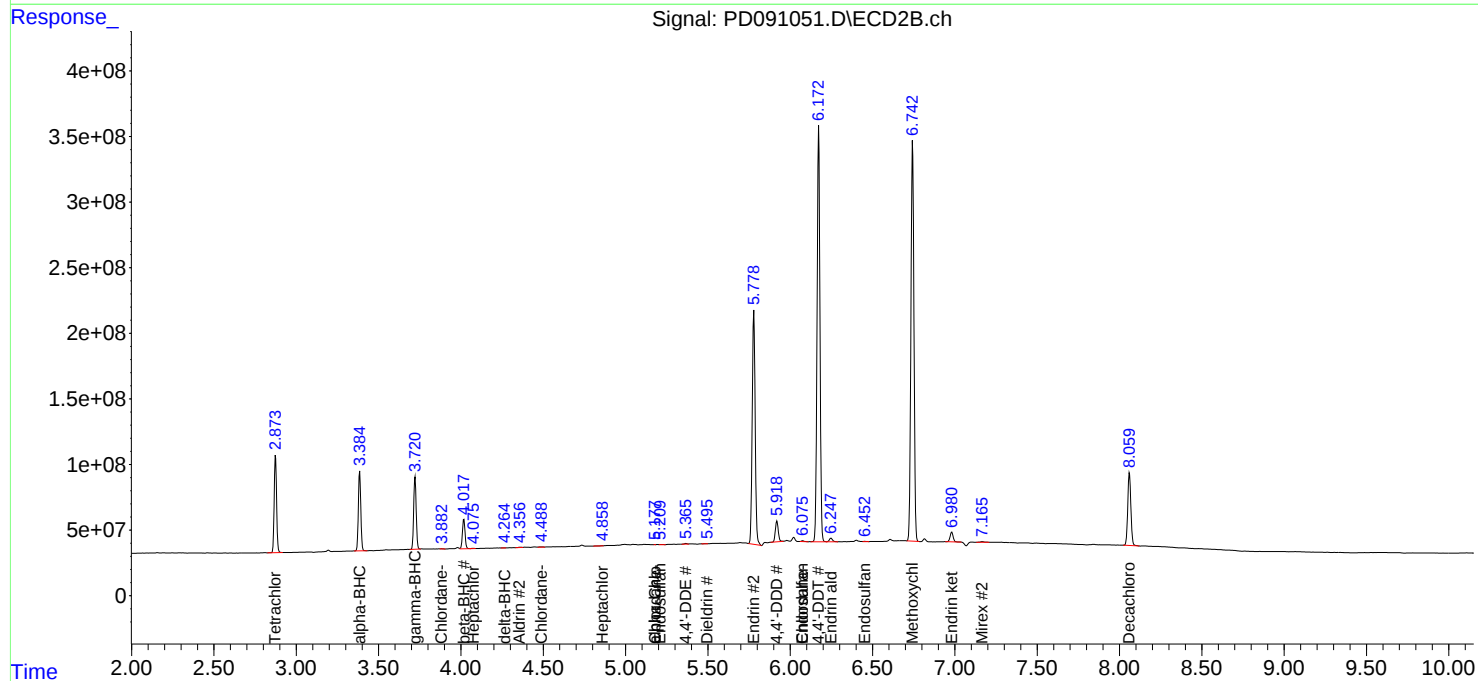
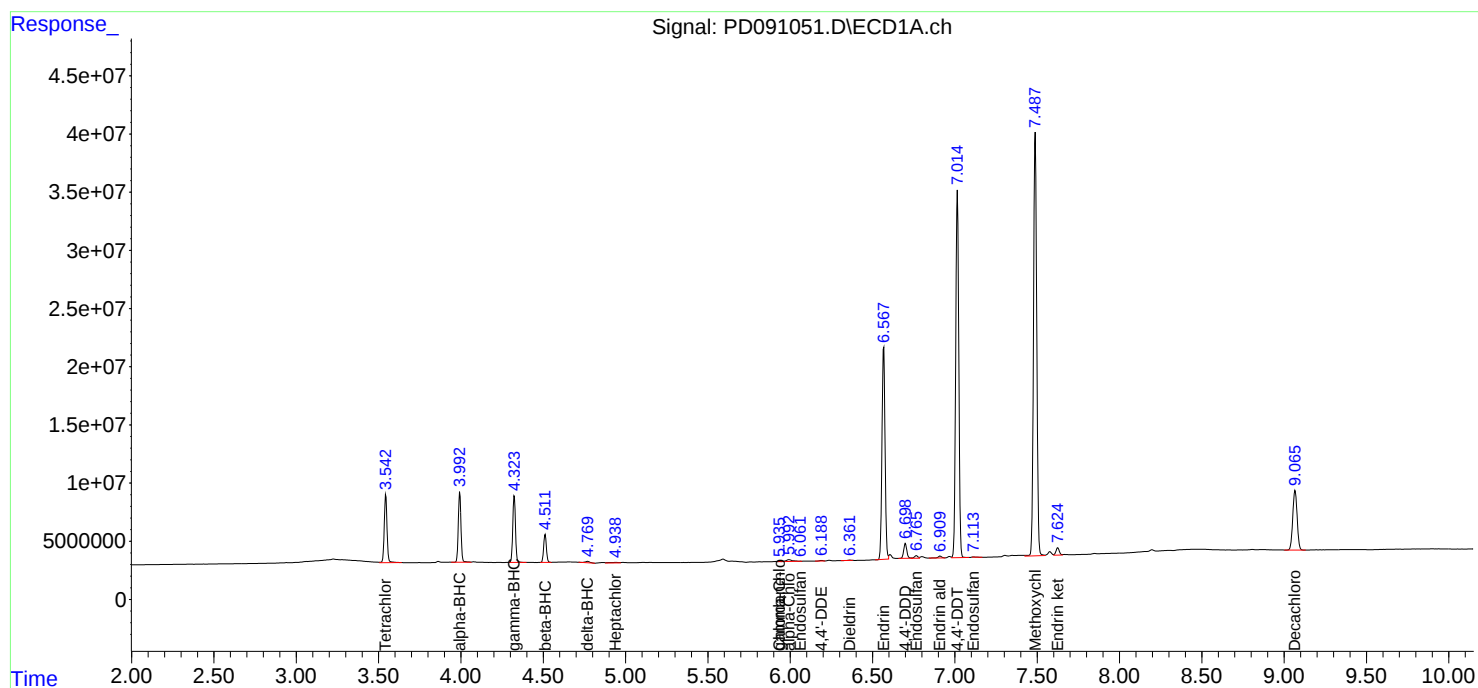
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

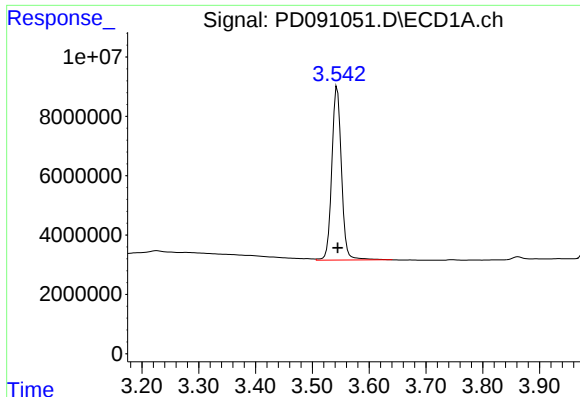
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 09:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:18:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

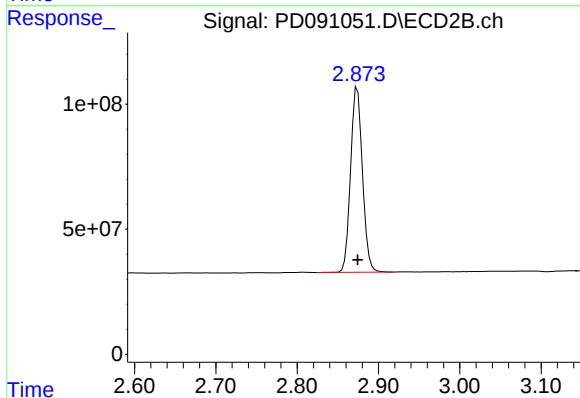




#1 Tetrachloro-m-xylene

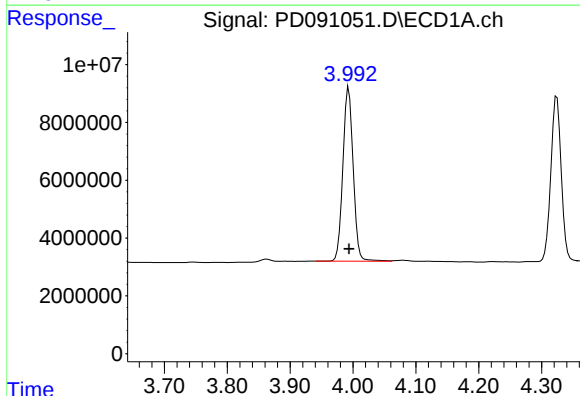
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 69332731
Conc: 22.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



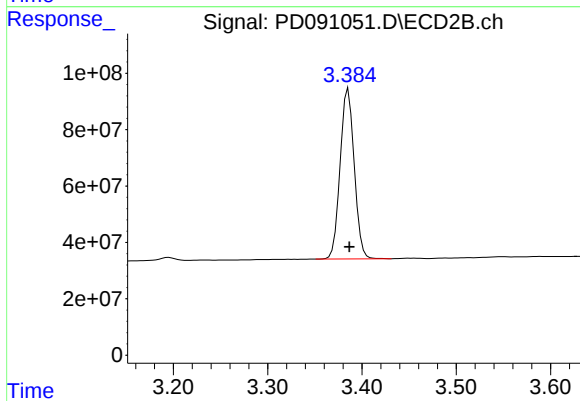
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 749115296
Conc: 25.16 ng/ml



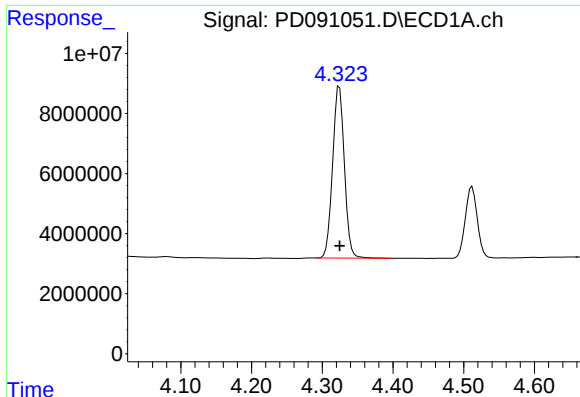
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 68560854
Conc: 9.55 ng/ml



#2 alpha-BHC

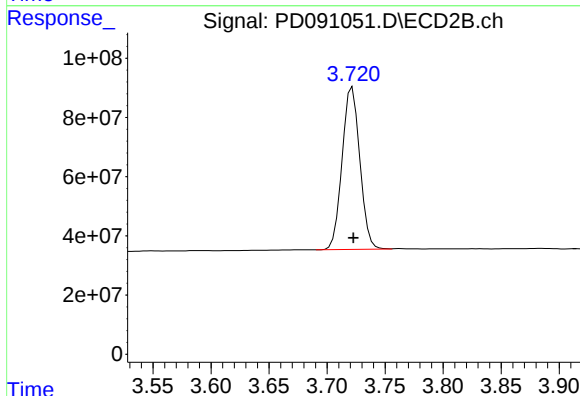
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 627354169
Conc: 12.28 ng/ml



#3 gamma-BHC (Lindane)

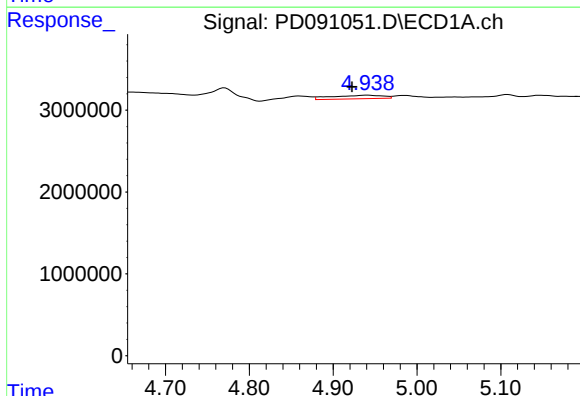
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 66269563
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



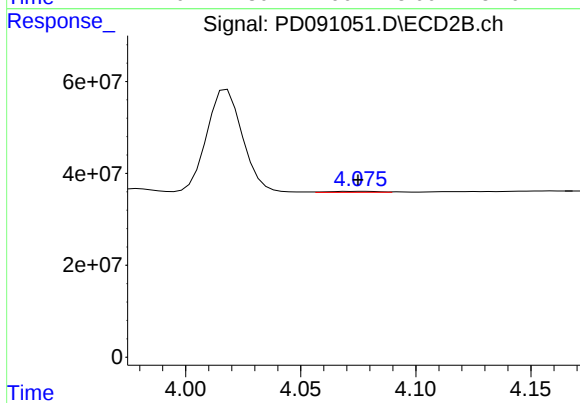
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 582007813
Conc: 12.32 ng/ml



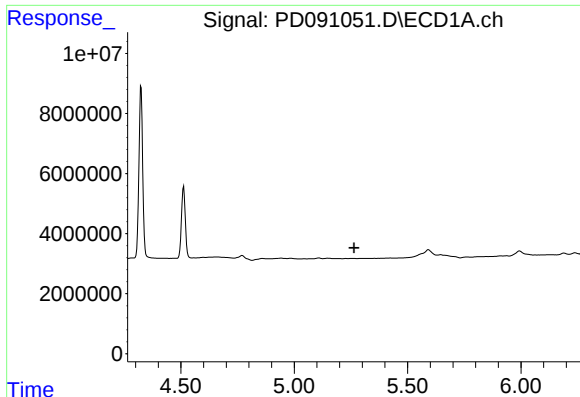
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.018 min
Response: 1793229
Conc: 0.32 ng/ml



#4 Heptachlor

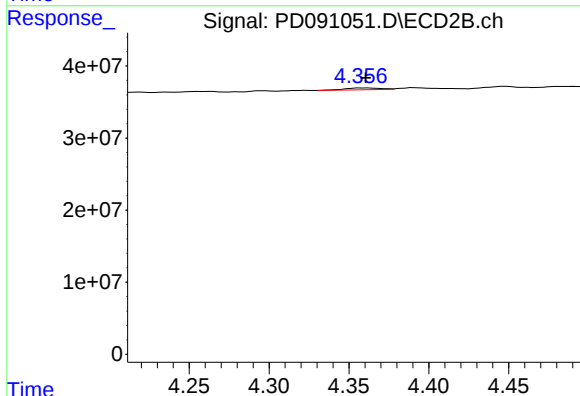
R.T.: 4.077 min
Delta R.T.: 0.002 min
Response: 3190008
Conc: 0.07 ng/ml



#5 Aldrin

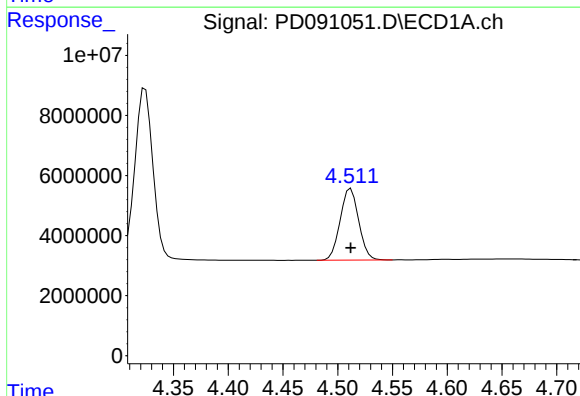
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



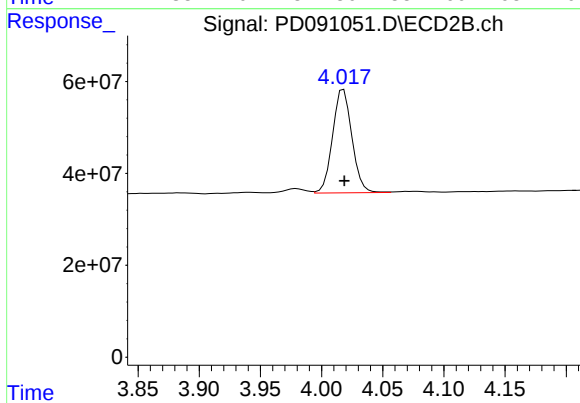
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 3825496
Conc: 0.08 ng/ml



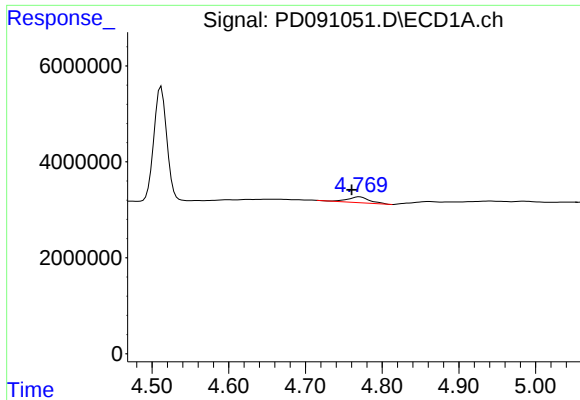
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 28037251
Conc: 10.70 ng/ml



#6 beta-BHC

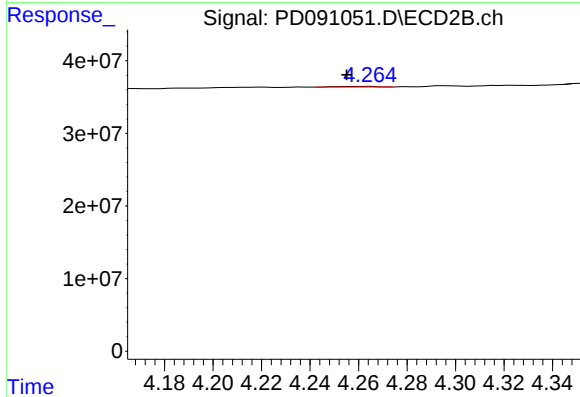
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 247315854
Conc: 12.47 ng/ml



#7 delta-BHC

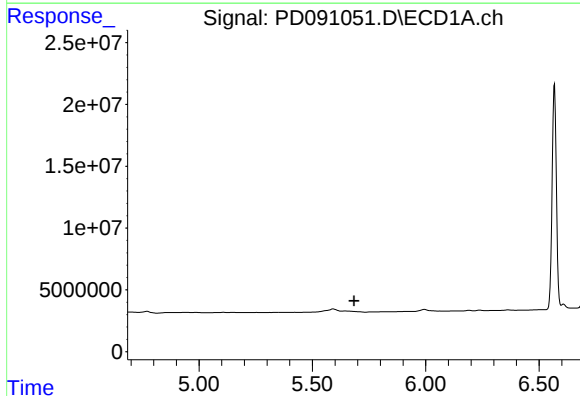
R.T.: 4.771 min
Delta R.T.: 0.010 min
Response: 2456373
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



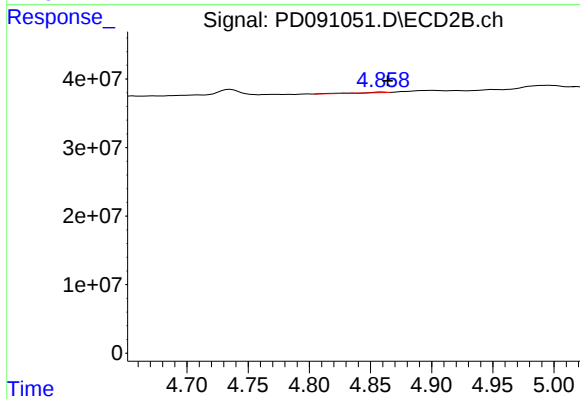
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.009 min
Response: 1041206
Conc: 0.02 ng/ml



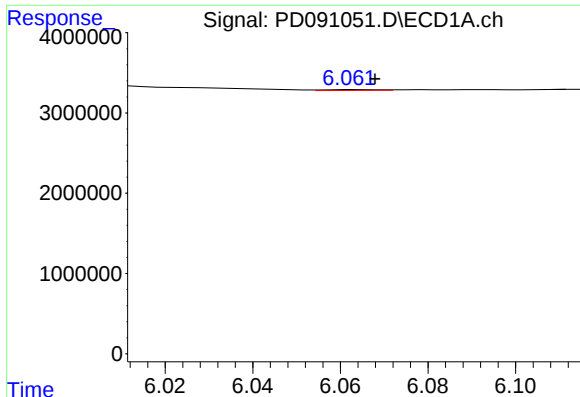
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

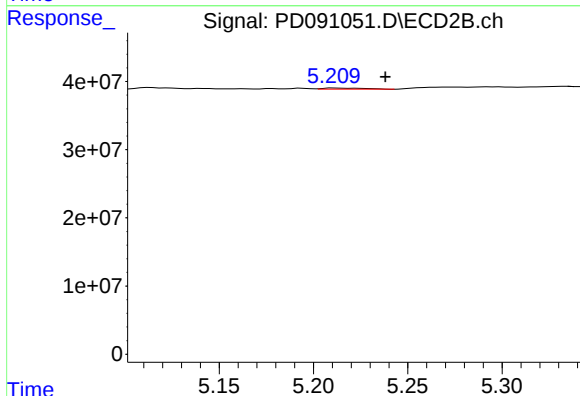
R.T.: 4.859 min
Delta R.T.: -0.005 min
Response: 984006
Conc: 0.02 ng/ml



#9 Endosulfan I

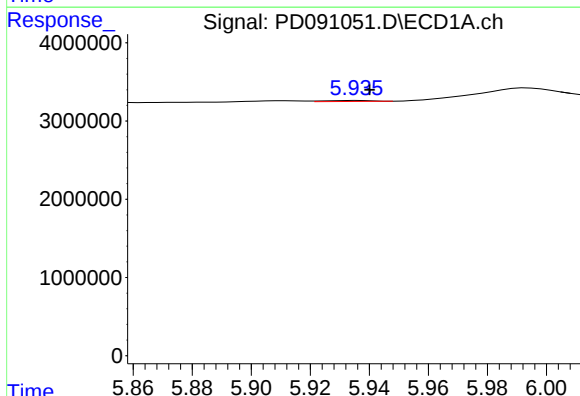
R.T.: 6.063 min
Delta R.T.: -0.005 min
Response: 89703
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



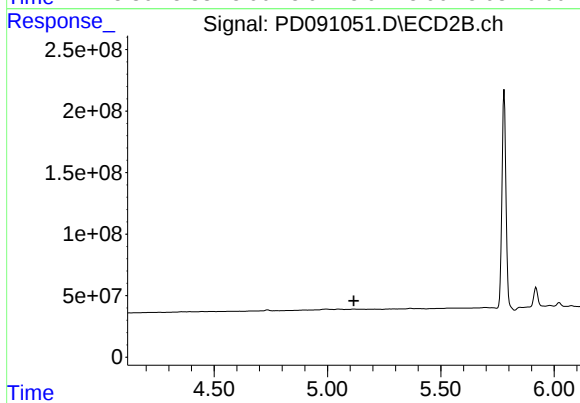
#9 Endosulfan I

R.T.: 5.211 min
Delta R.T.: -0.027 min
Response: 2365854
Conc: 0.06 ng/ml



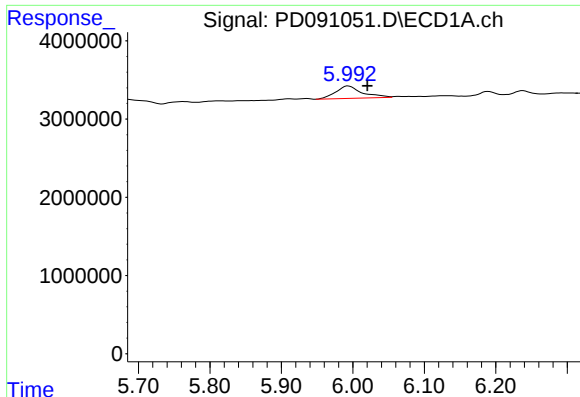
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 132922
Conc: 0.02 ng/ml



#10 gamma-Chlordane

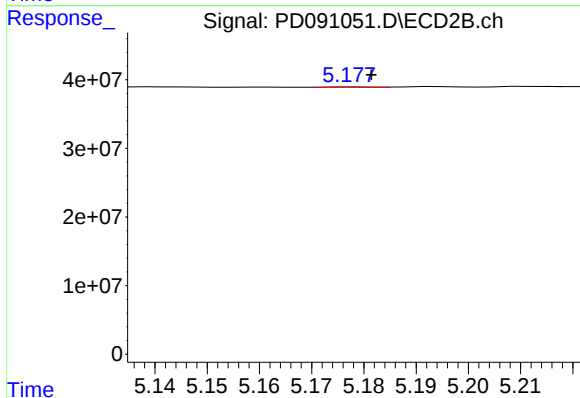
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: -105537
Conc: N.D.



#11 alpha-Chlordane

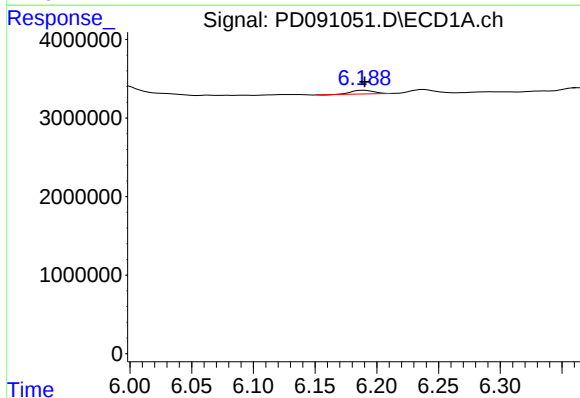
R.T.: 5.993 min
Delta R.T.: -0.027 min
Response: 4088301
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



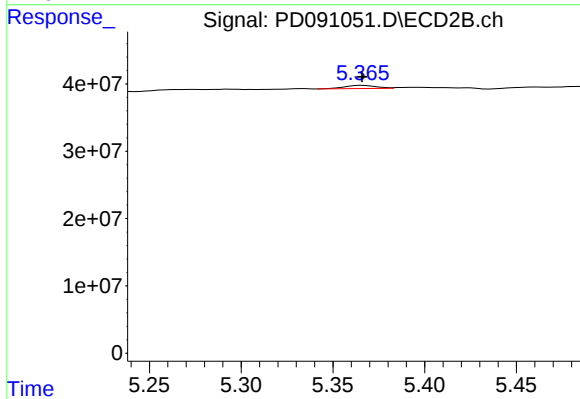
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.003 min
Response: 345854
Conc: 0.01 ng/ml



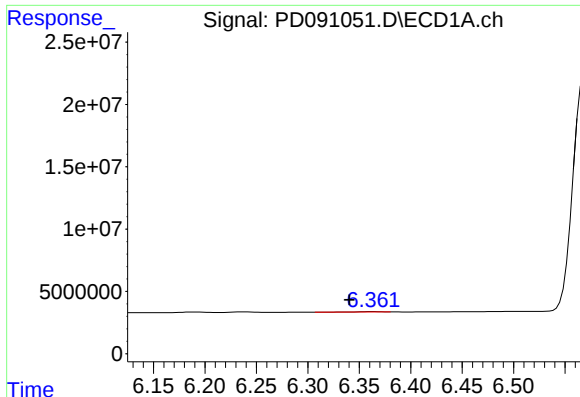
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 595207
Conc: 0.11 ng/ml



#12 4,4'-DDE

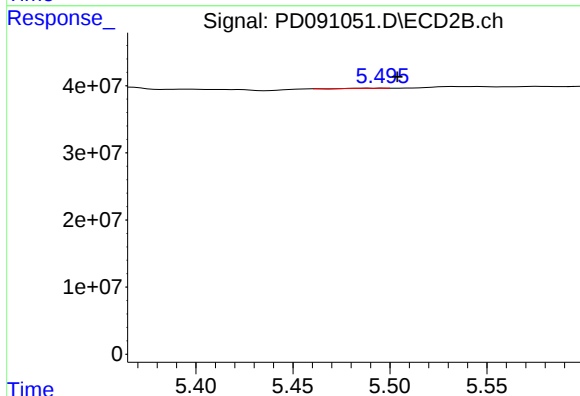
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 5887475
Conc: 0.13 ng/ml



#13 Dieldrin

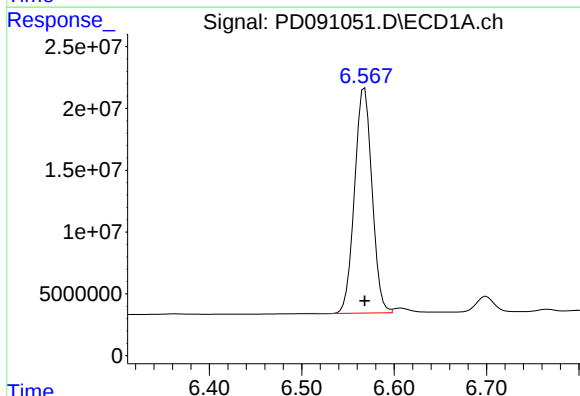
R.T.: 6.363 min
Delta R.T.: 0.022 min
Response: 416990
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



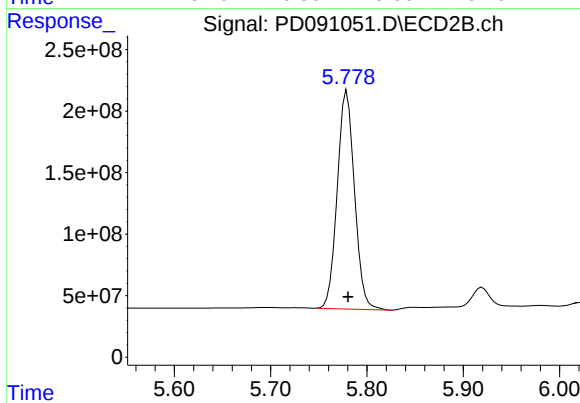
#13 Dieldrin

R.T.: 5.489 min
Delta R.T.: -0.015 min
Response: 172749
Conc: 0.00 ng/ml



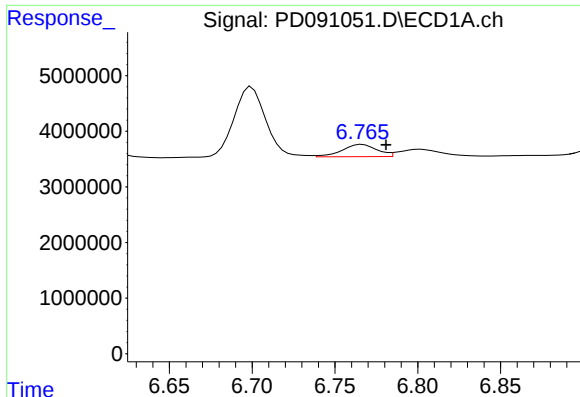
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 238923770
Conc: 48.23 ng/ml



#14 Endrin

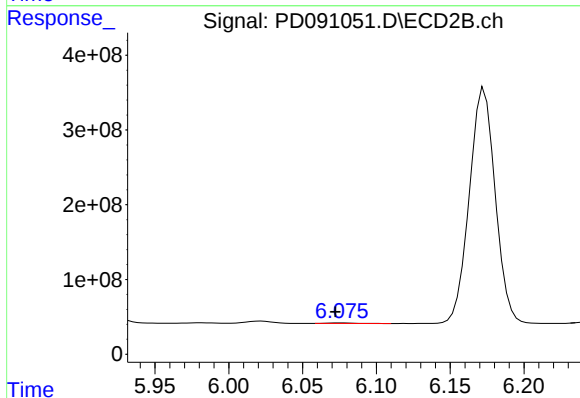
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2209178682
Conc: 54.56 ng/ml



#15 Endosulfan II

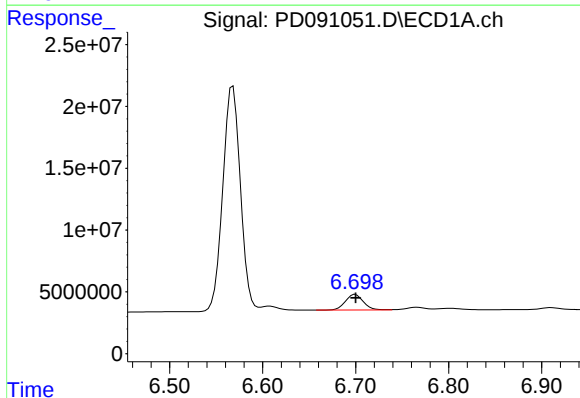
R.T.: 6.766 min
Delta R.T.: -0.015 min
Response: 3209707
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



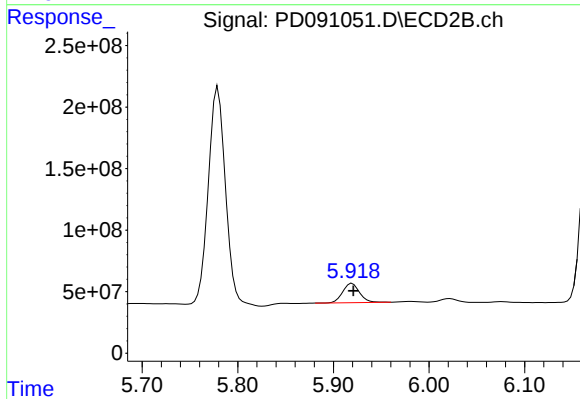
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.004 min
Response: 8064360
Conc: 0.21 ng/ml



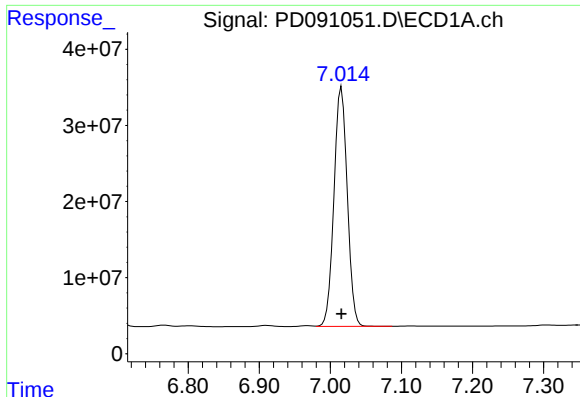
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 16942306
Conc: 4.18 ng/ml



#16 4,4'-DDD

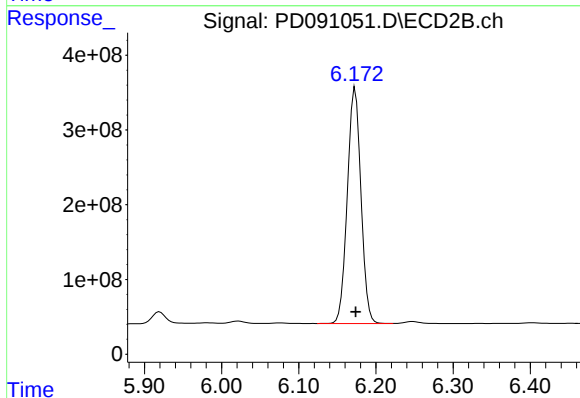
R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 192136440
Conc: 5.27 ng/ml



#17 4,4'-DDT

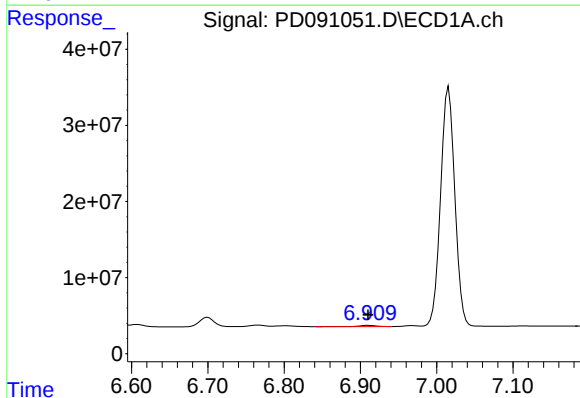
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 409207691
Conc: 99.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



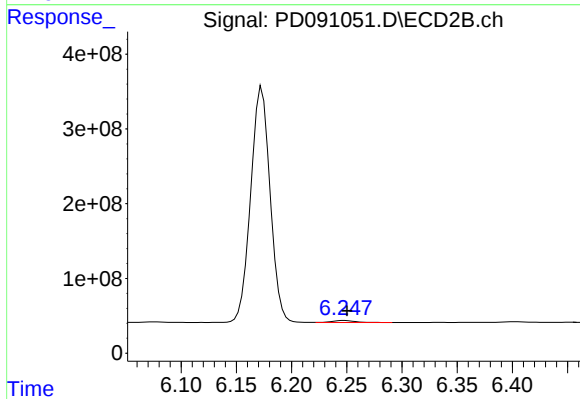
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 3855940198
Conc: 109.94 ng/ml



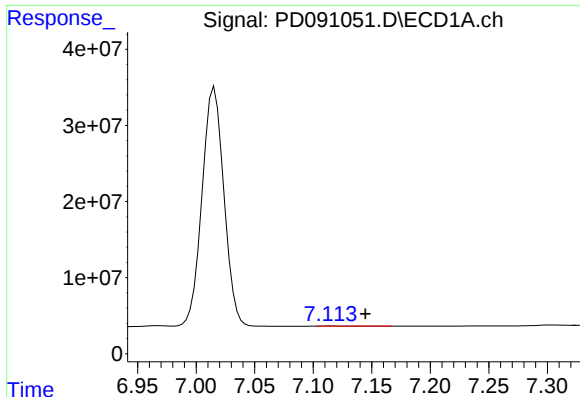
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 2357305
Conc: 0.64 ng/ml



#18 Endrin aldehyde

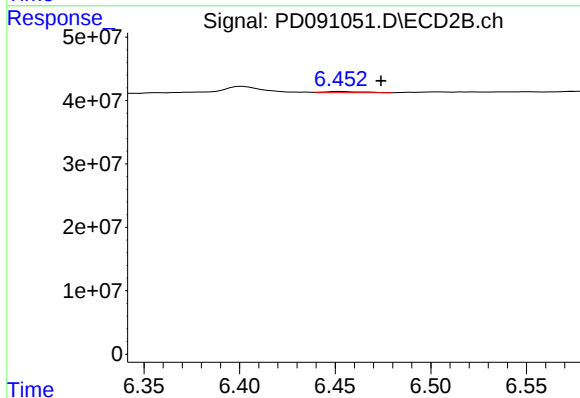
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 36902757
Conc: 1.33 ng/ml



#19 Endosulfan Sulfate

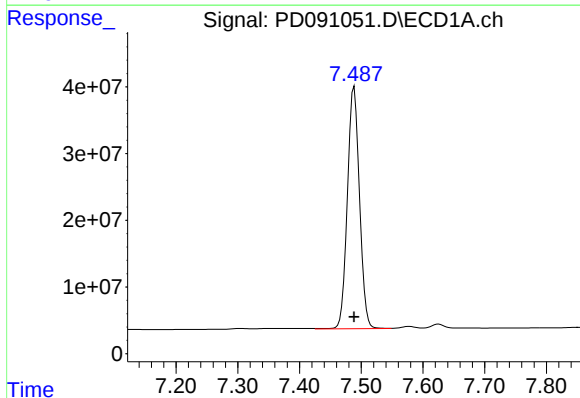
R.T.: 7.114 min
Delta R.T.: -0.031 min
Response: 276806
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



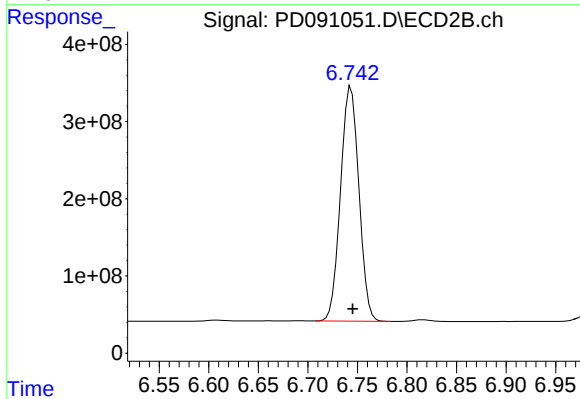
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: -0.021 min
Response: 2584488
Conc: 0.07 ng/ml



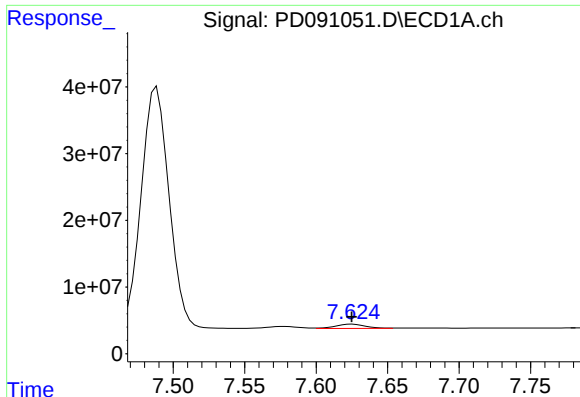
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 495202943
Conc: 232.97 ng/ml



#20 Methoxychlor

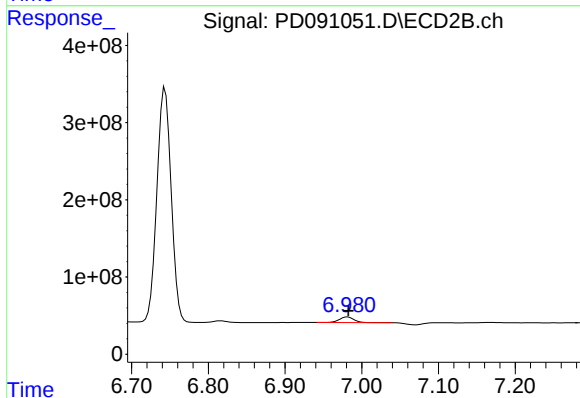
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 3915554740
Conc: 224.67 ng/ml



#21 Endrin ketone

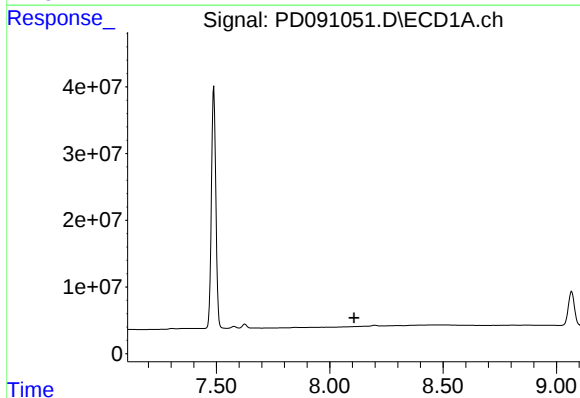
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 9119276
Conc: 1.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



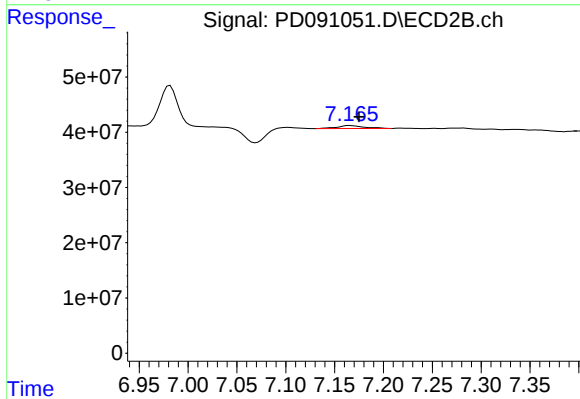
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.001 min
Response: 96251305
Conc: 2.55 ng/ml



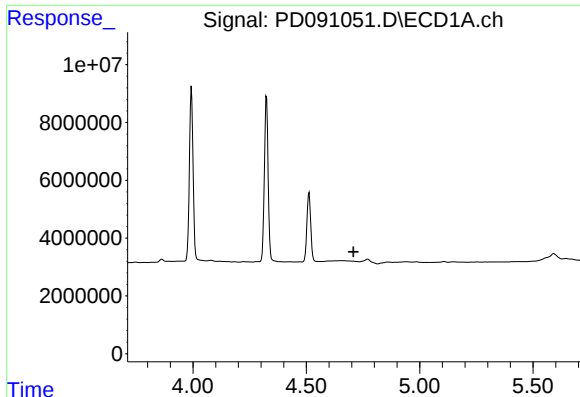
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

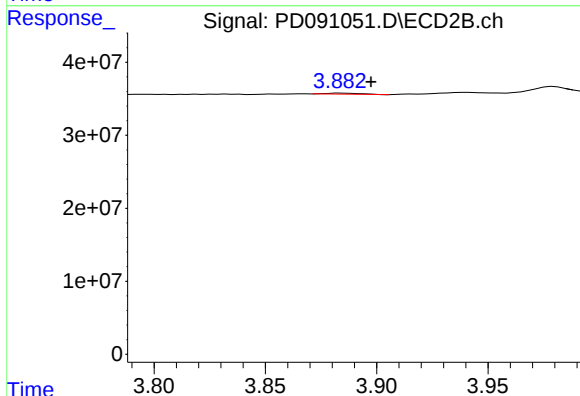
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 10422107
Conc: 0.41 ng/ml



#23 Chlordane-1

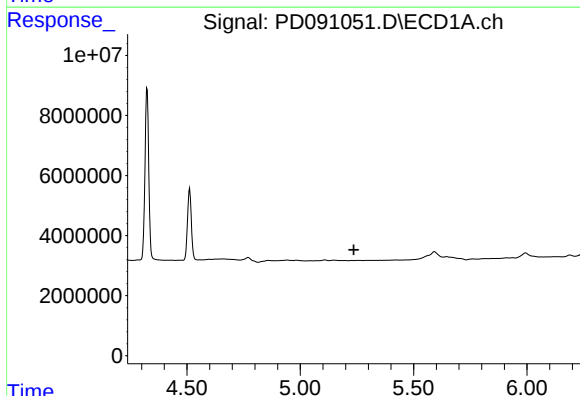
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



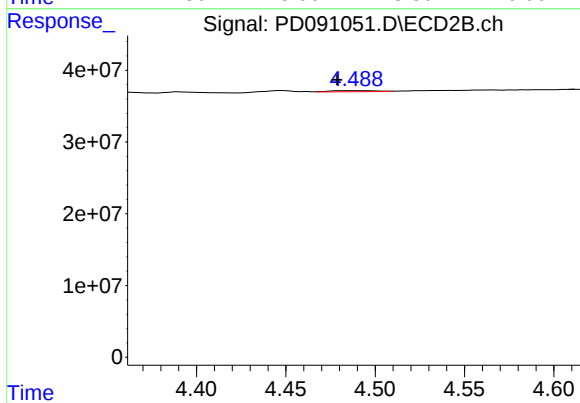
#23 Chlordane-1

R.T.: 3.884 min
Delta R.T.: -0.014 min
Response: 1548359
Conc: 1.24 ng/ml



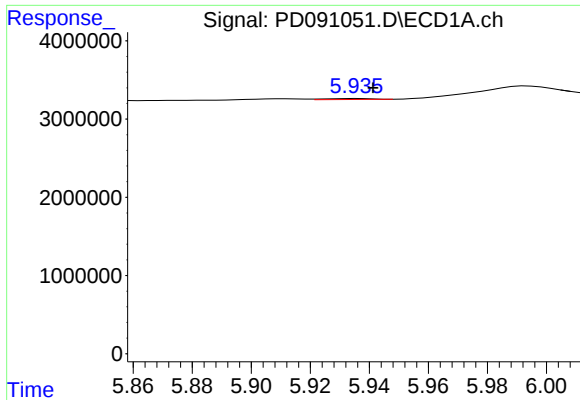
#24 Chlordane-2

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



#24 Chlordane-2

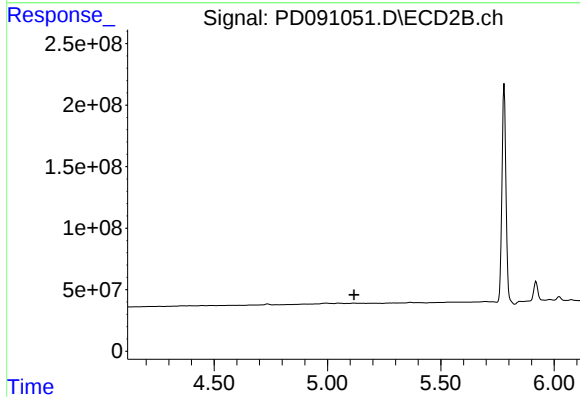
R.T.: 4.489 min
Delta R.T.: 0.010 min
Response: 2702543
Conc: 2.07 ng/ml



#25 Chlordane-3

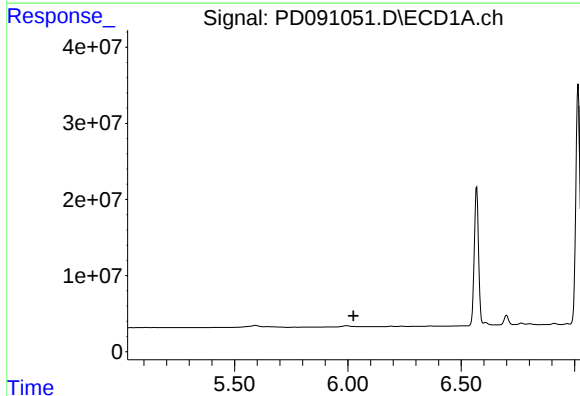
R.T.: 5.936 min
Delta R.T.: -0.005 min
Response: 132922
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



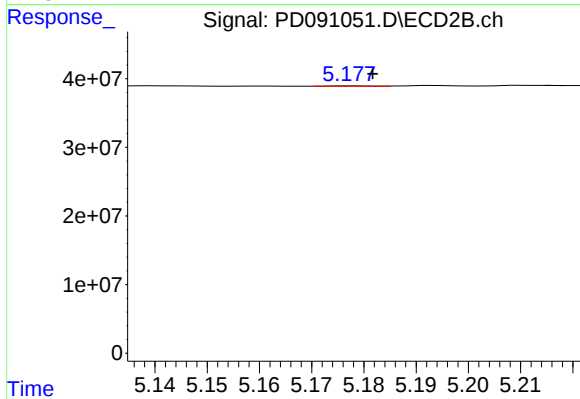
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: -105537
Conc: N.D.



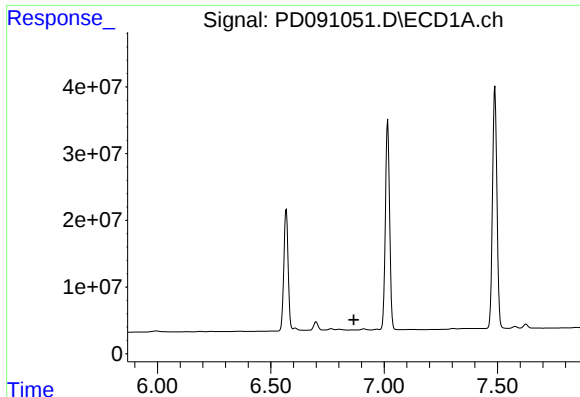
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#26 Chlordane-4

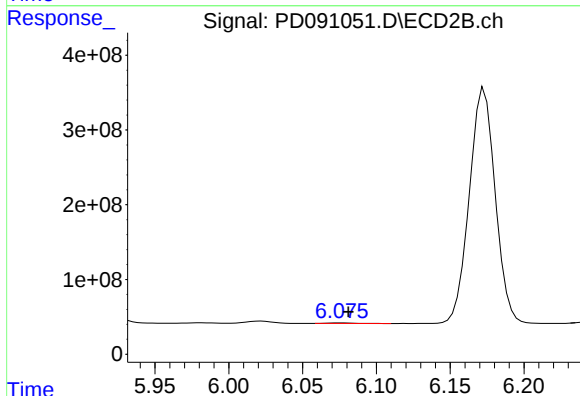
R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 345854
Conc: 0.10 ng/ml



#27 Chlordane-5

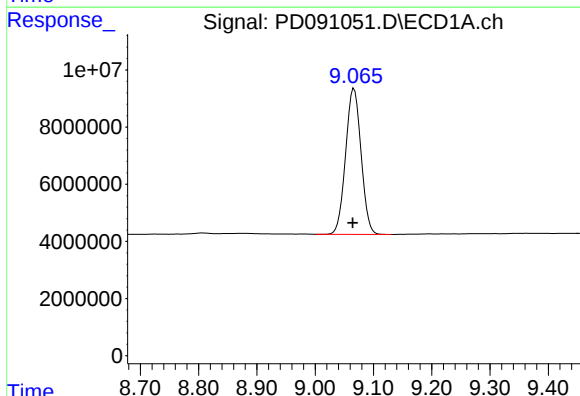
R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



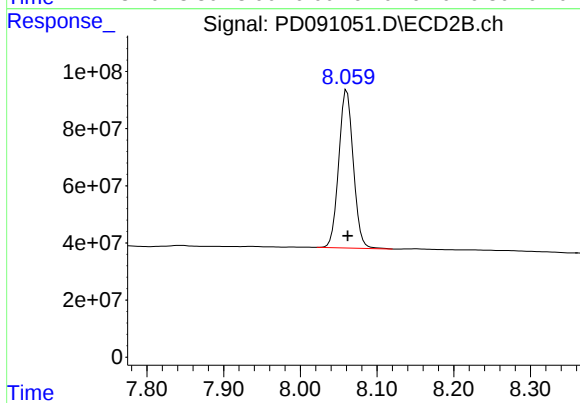
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 8064360
Conc: 5.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 94015428
Conc: 20.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 728134395
Conc: 24.04 ng/ml