

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
 Data File : PD091142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2025 09:34
 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 13 22:02:20 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	66846269	705.8E6	21.465	23.702
28)	SA Decachlor...	9.064	8.059	101.8E6	753.1E6	21.756	24.861
Target Compounds							
2)	A alpha-BHC	3.993	3.385	65669256	585.5E6	9.150	11.458 #
3)	MA gamma-BHC...	4.323	3.721	62697745	542.7E6	9.222	11.486
4)	MA Heptachlor	4.916	4.077	1489068	2861571	0.266	0.064 #
5)	MB Aldrin	0.000	4.357	0	2430292	N.D.	0.052 #
6)	B beta-BHC	4.511	4.017	26535252	230.0E6	10.129	11.599
7)	B delta-BHC	4.770	4.267	2785960	1375425	0.412	0.029 #
8)	B Heptachlo...	0.000	4.894f	0	11276495	N.D.	0.264 #
9)	A Endosulfan I	0.000	5.221f	0	5424004	N.D.	0.138 #
10)	B gamma-Chl...	0.000	5.115	0	6071915	N.D.	0.135 #
11)	B alpha-Chl...	5.993f	5.197f	10332661	6574620	1.672	0.152 #
12)	B 4,4'-DDE	6.189	5.365	891389	10535591	0.167	0.240 #
13)	MA Dieldrin	6.360f	5.502	912764	537470	0.157	0.012 #
14)	MA Endrin	6.567	5.778	219.3E6	2020.7E6	44.263	49.901
15)	B Endosulfa...	6.765f	6.075	3176936	11806649	0.635	0.314 #
16)	A 4,4'-DDD	6.699	5.918	34190703	366.2E6	8.433	10.049
17)	MA 4,4'-DDT	7.015	6.171	358.0E6	3358.9E6	87.099	95.770
18)	B Endrin al...	6.910	6.247	5537180	53922570	1.512	1.947 #
19)	B Endosulfa...	7.112f	6.469	347996	763917	0.075	0.021 #
20)	A Methoxychlor	7.488	6.742	448.4E6	3674.4E6	210.946	210.836
21)	B Endrin ke...	7.624	6.980	15223725	153.0E6	3.133	4.056 #
22)	Mirex	8.111	7.165	97321	14247335	0.030	0.555 #
23)	Chlordane-1	0.000	3.884	0	1127993	N.D.	0.905 #
24)	Chlordane-2	0.000	4.488	0	4060146	N.D.	3.112 #
25)	Chlordane-3	0.000	5.115	0	6071915	N.D.	1.560 #
26)	Chlordane-4	0.000	5.197	0	6574620	N.D.	1.968 #
27)	Chlordane-5	0.000	6.075	0	11806649	N.D.	7.999 #

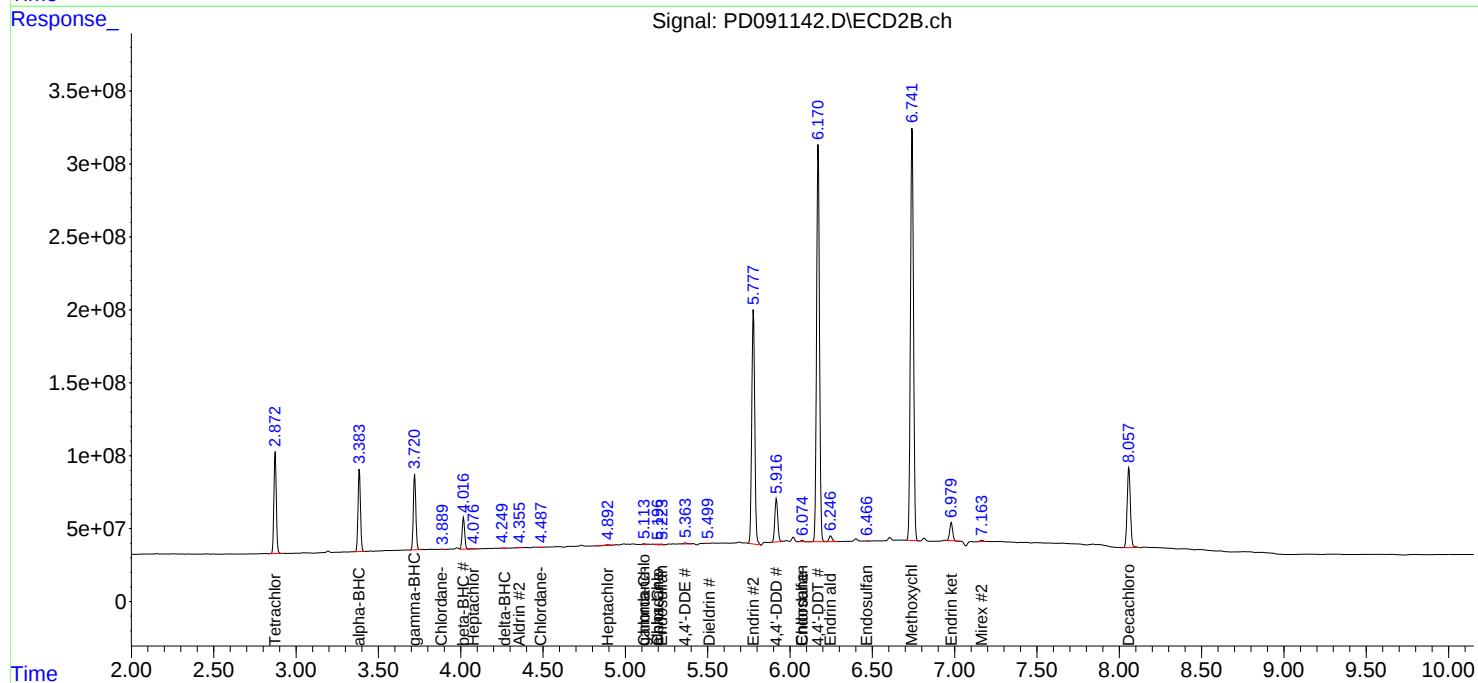
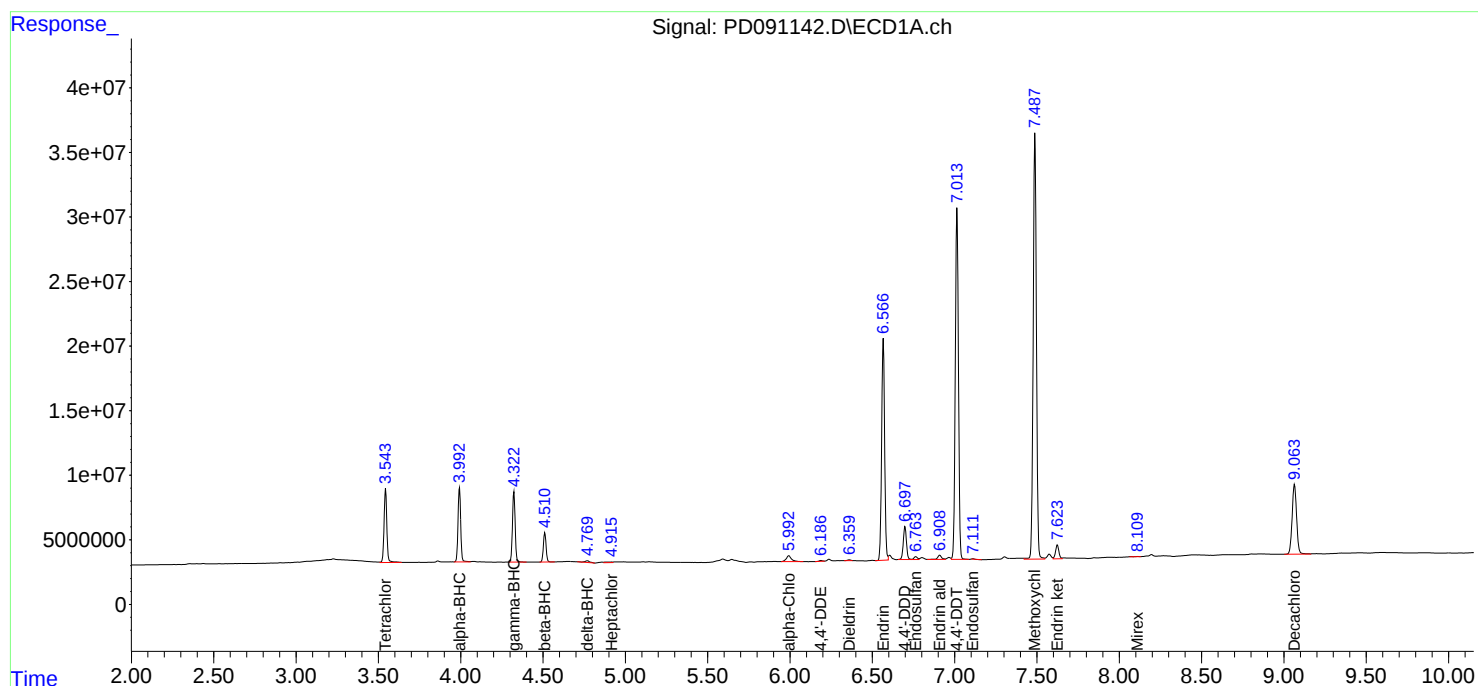
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

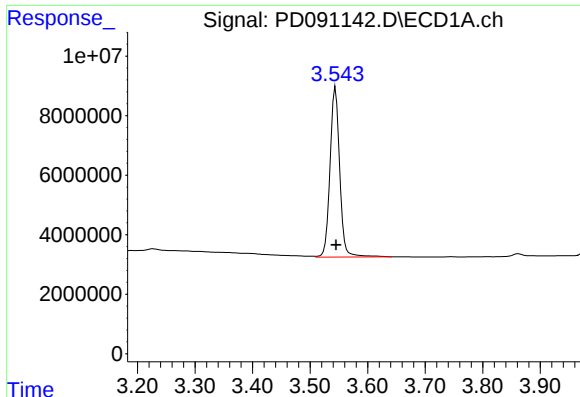
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
Data File : PD091142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2025 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 22:02:20 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

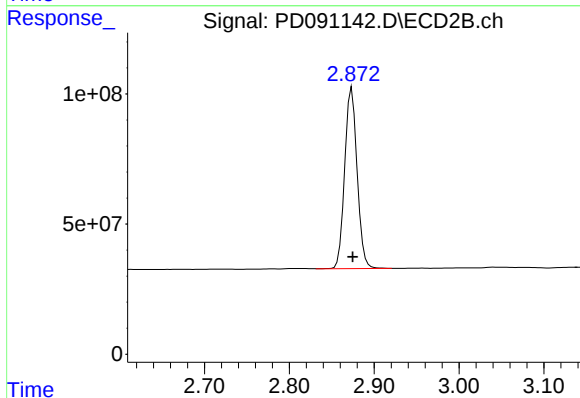




#1 Tetrachloro-m-xylene

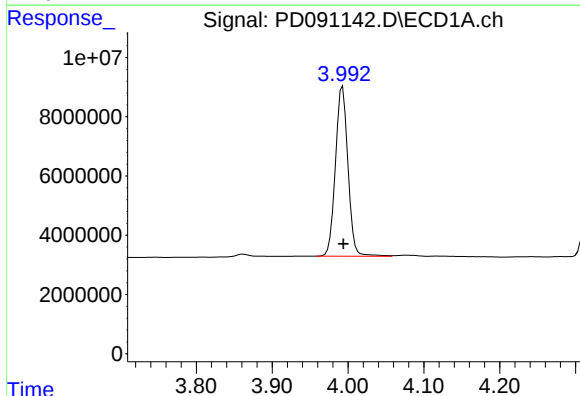
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 66846269
Conc: 21.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



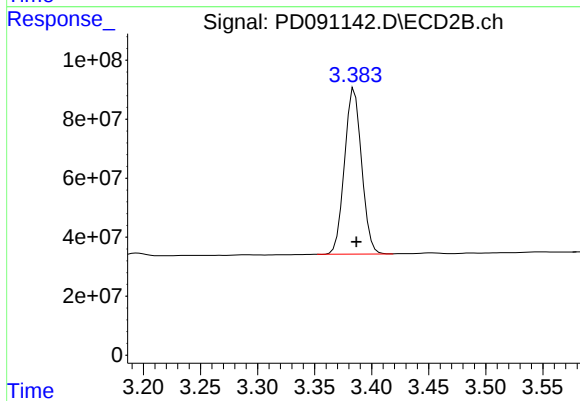
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 705788413
Conc: 23.70 ng/ml



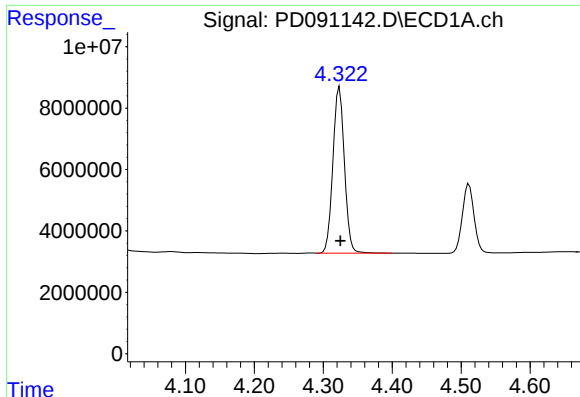
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 65669256
Conc: 9.15 ng/ml



#2 alpha-BHC

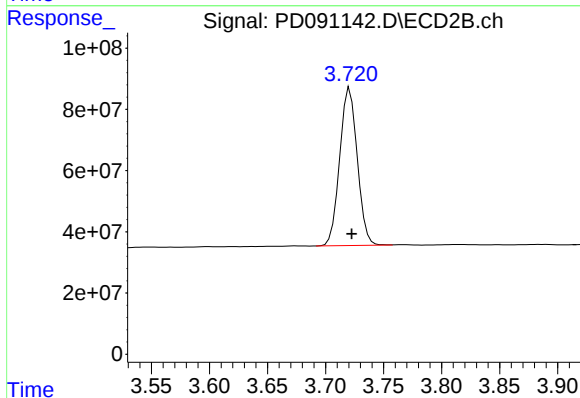
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 585478650
Conc: 11.46 ng/ml



#3 gamma-BHC (Lindane)

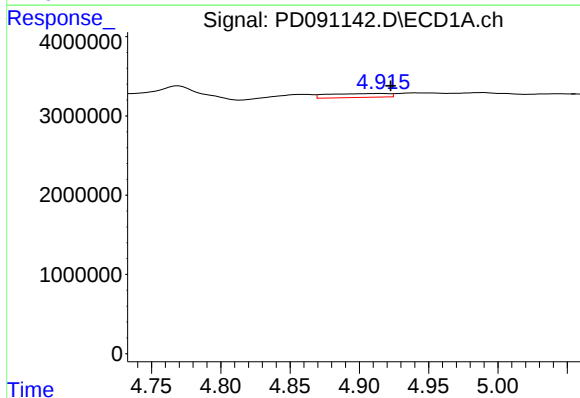
R.T.: 4.323 min
Delta R.T.: -0.001 min
Response: 62697745
Conc: 9.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



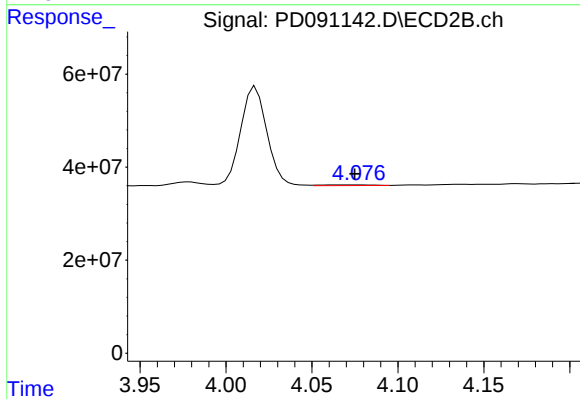
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 542712473
Conc: 11.49 ng/ml



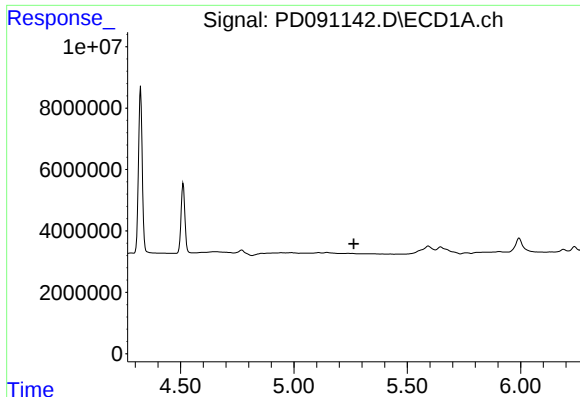
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.006 min
Response: 1489068
Conc: 0.27 ng/ml



#4 Heptachlor

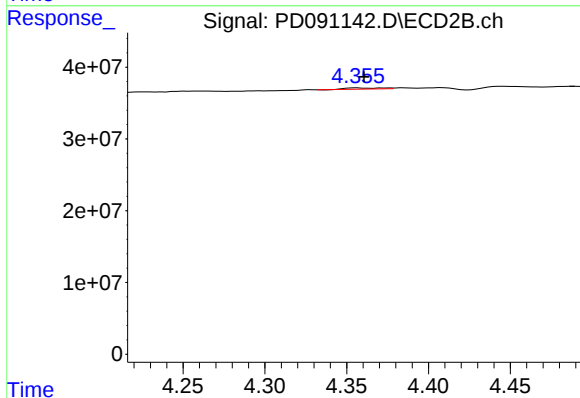
R.T.: 4.077 min
Delta R.T.: 0.002 min
Response: 2861571
Conc: 0.06 ng/ml



#5 Aldrin

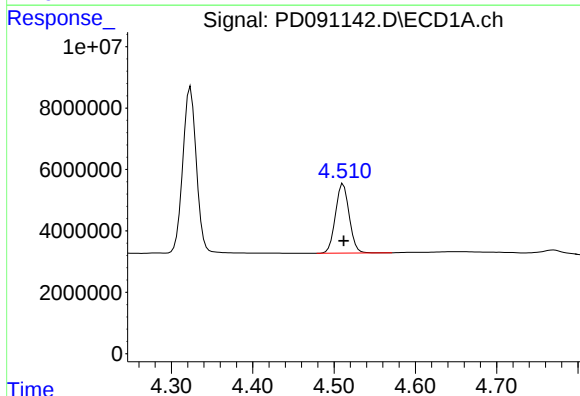
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



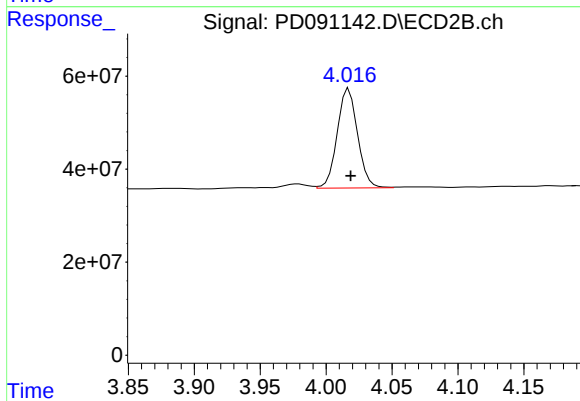
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 2430292
Conc: 0.05 ng/ml



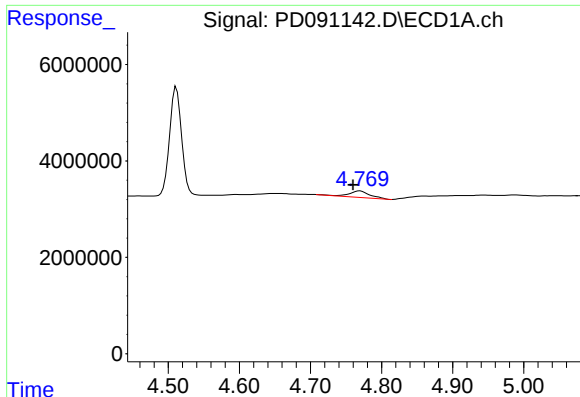
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 26535252
Conc: 10.13 ng/ml



#6 beta-BHC

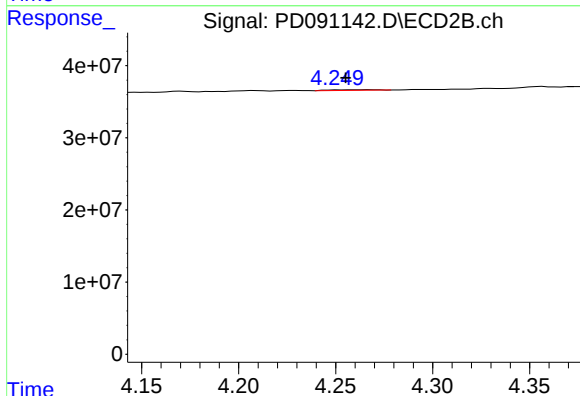
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 230008865
Conc: 11.60 ng/ml



#7 delta-BHC

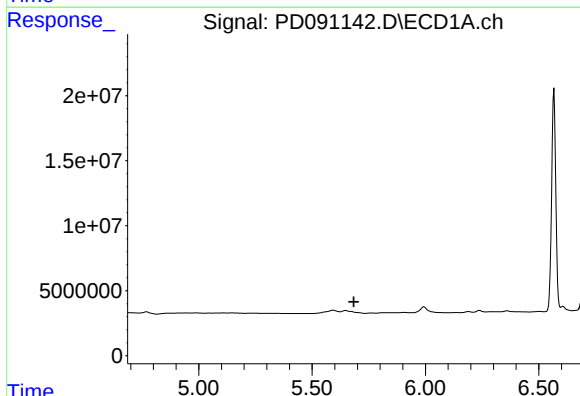
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 2785960
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



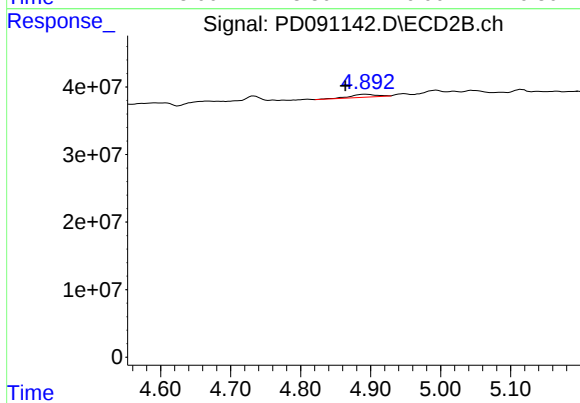
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.012 min
Response: 1375425
Conc: 0.03 ng/ml



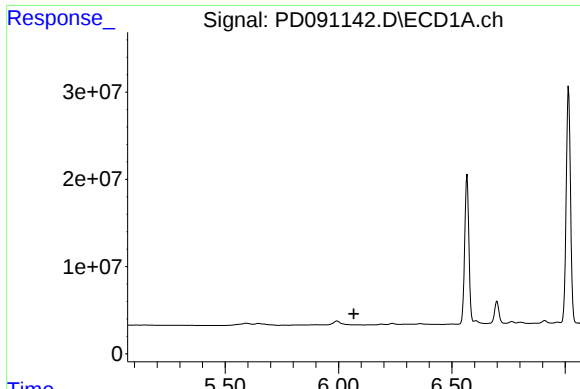
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

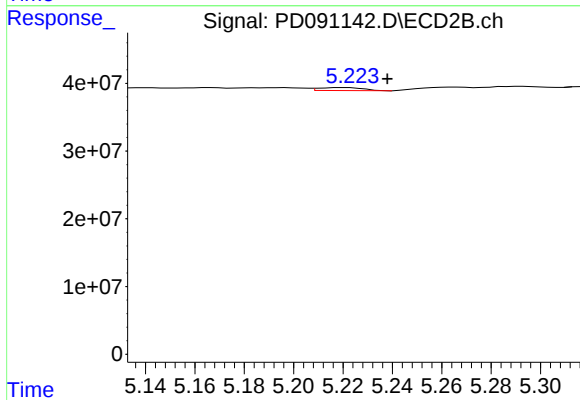
R.T.: 4.894 min
Delta R.T.: 0.030 min
Response: 11276495
Conc: 0.26 ng/ml



#9 Endosulfan I

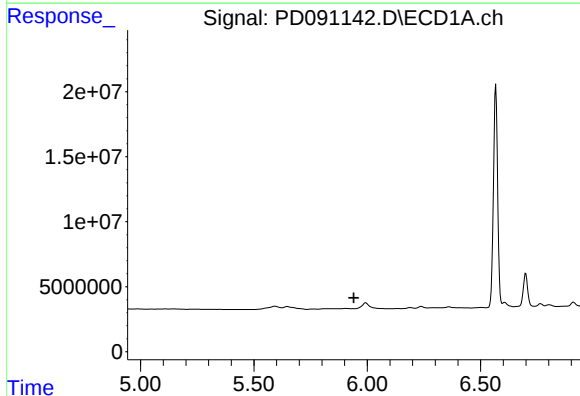
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



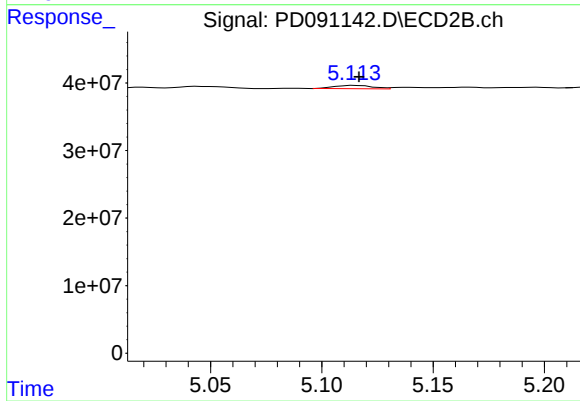
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.017 min
Response: 5424004
Conc: 0.14 ng/ml



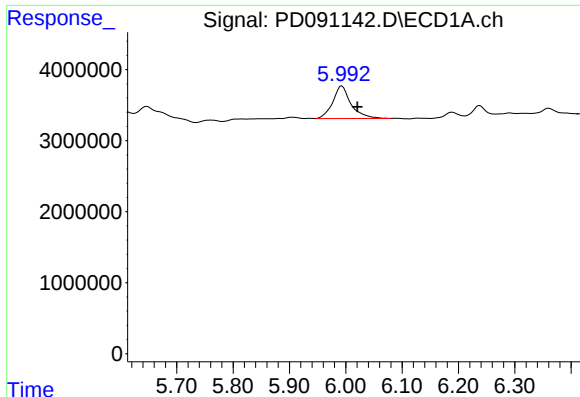
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

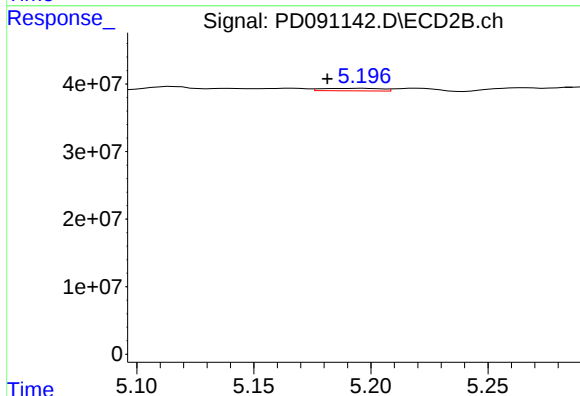
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 6071915
Conc: 0.14 ng/ml



#11 alpha-Chlordane

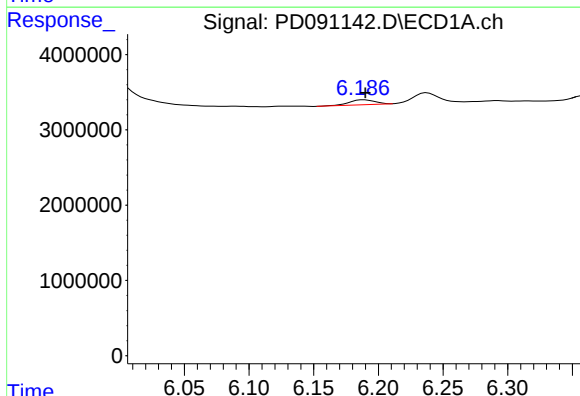
R.T.: 5.993 min
Delta R.T.: -0.027 min
Response: 10332661
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



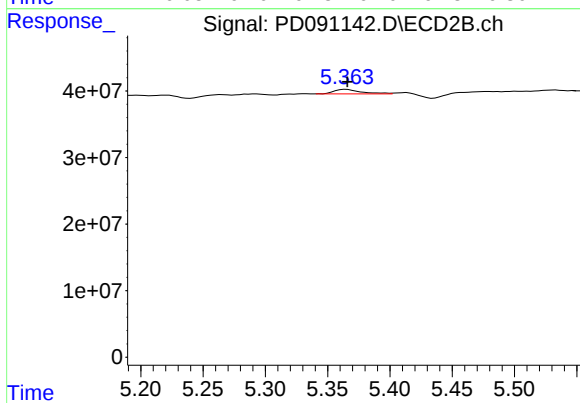
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.015 min
Response: 6574620
Conc: 0.15 ng/ml



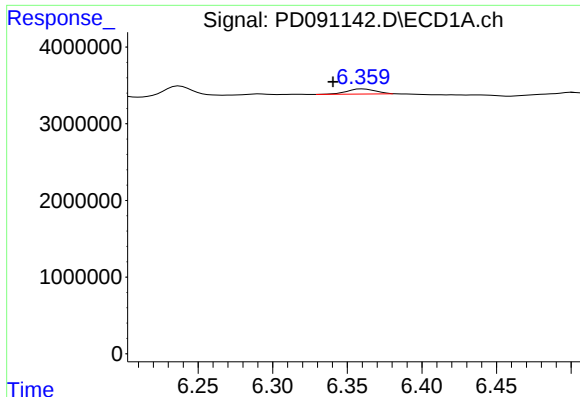
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 891389
Conc: 0.17 ng/ml



#12 4,4'-DDE

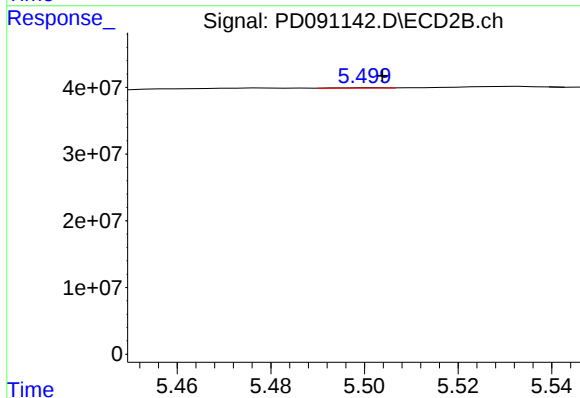
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 10535591
Conc: 0.24 ng/ml



#13 Dieldrin

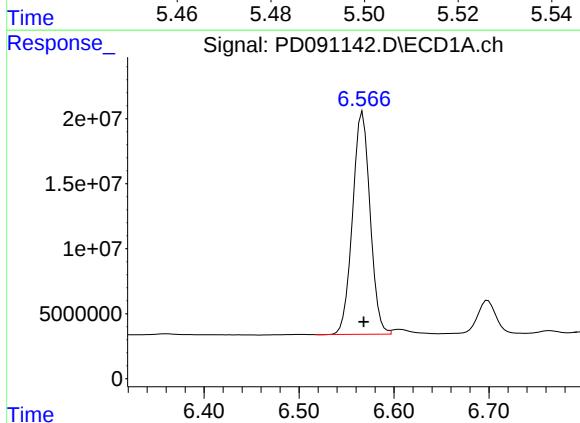
R.T.: 6.360 min
Delta R.T.: 0.020 min
Response: 912764
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



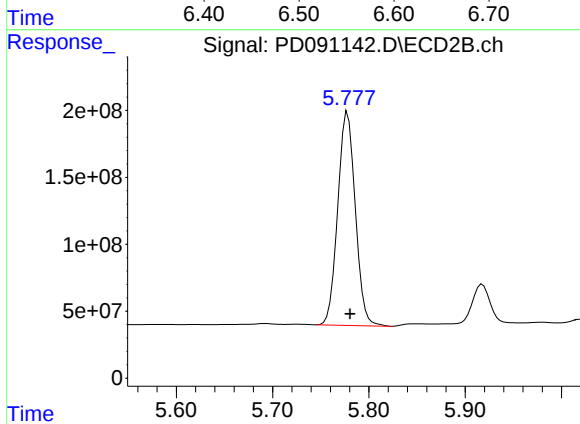
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 537470
Conc: 0.01 ng/ml



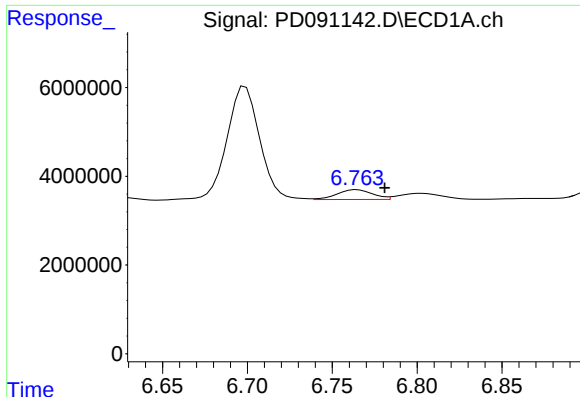
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 219263452
Conc: 44.26 ng/ml



#14 Endrin

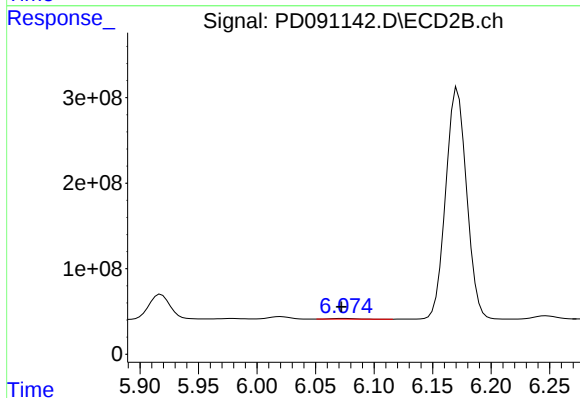
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 2020680787
Conc: 49.90 ng/ml



#15 Endosulfan II

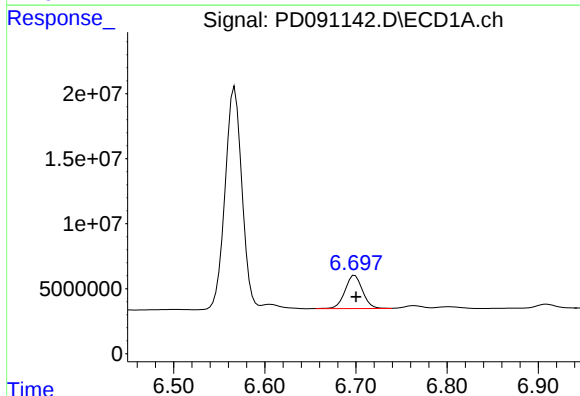
R.T.: 6.765 min
Delta R.T.: -0.016 min
Response: 3176936
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



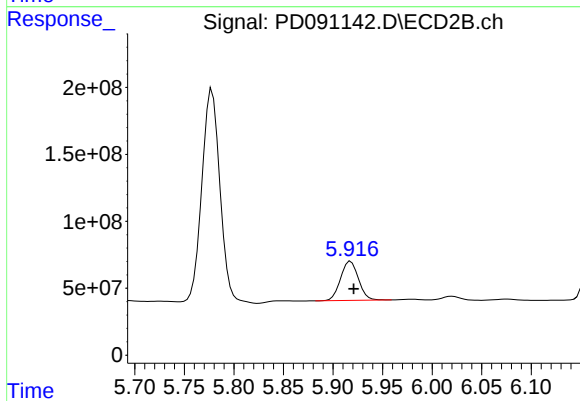
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 11806649
Conc: 0.31 ng/ml



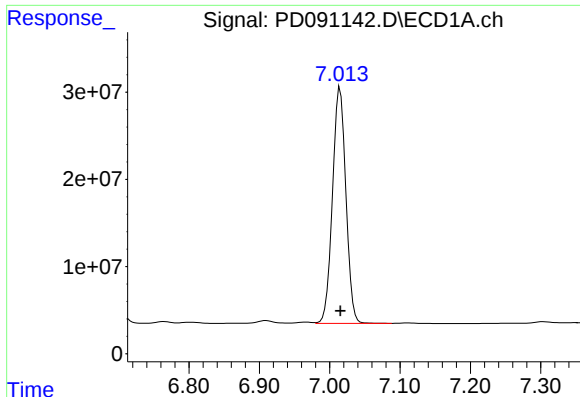
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 34190703
Conc: 8.43 ng/ml



#16 4,4'-DDD

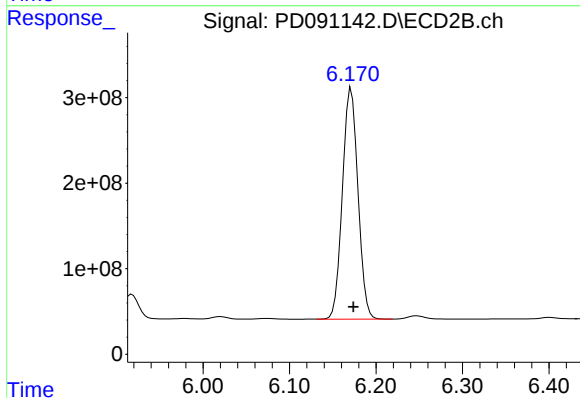
R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 366182048
Conc: 10.05 ng/ml



#17 4,4'-DDT

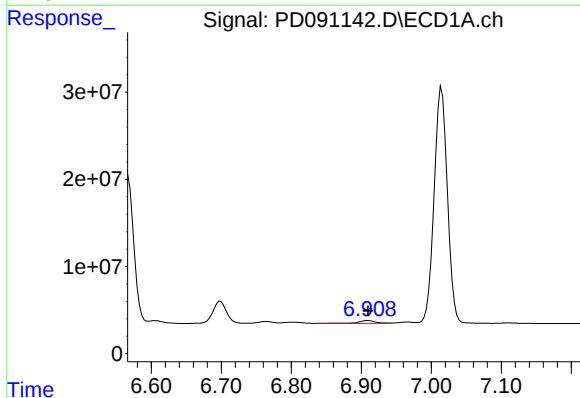
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 358017564
Conc: 87.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



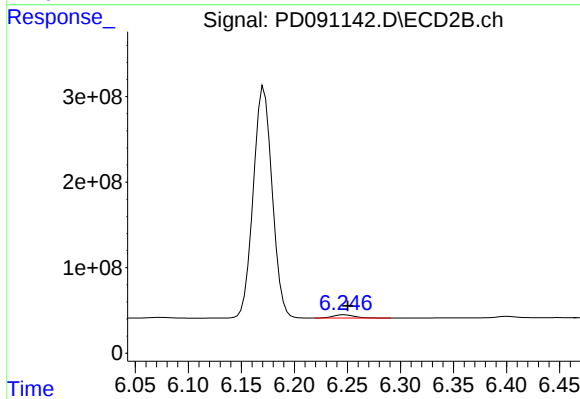
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 3358938544
Conc: 95.77 ng/ml



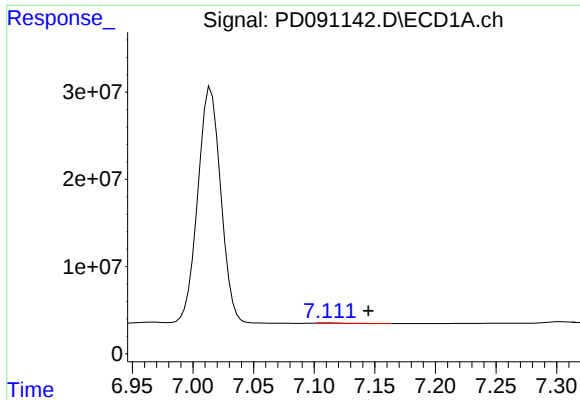
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 5537180
Conc: 1.51 ng/ml



#18 Endrin aldehyde

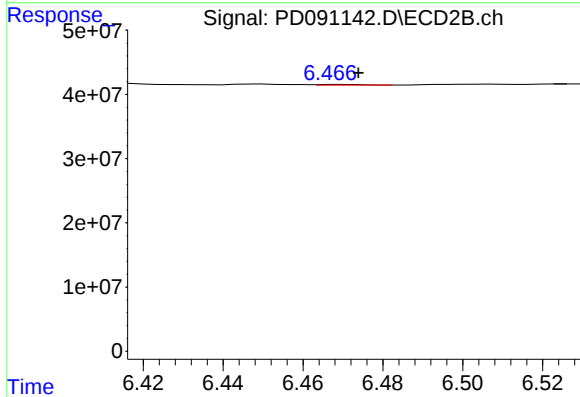
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 53922570
Conc: 1.95 ng/ml



#19 Endosulfan Sulfate

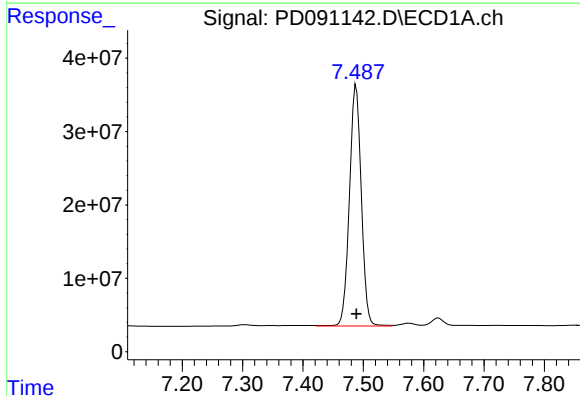
R.T.: 7.112 min
Delta R.T.: -0.033 min
Response: 347996
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



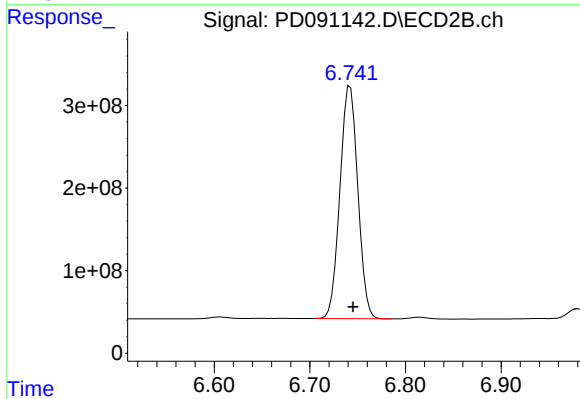
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.005 min
Response: 763917
Conc: 0.02 ng/ml



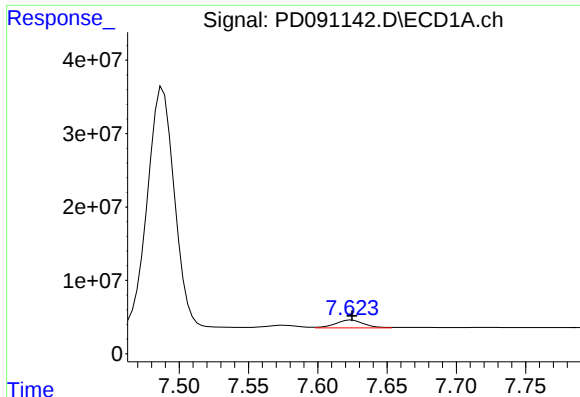
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 448383139
Conc: 210.95 ng/ml



#20 Methoxychlor

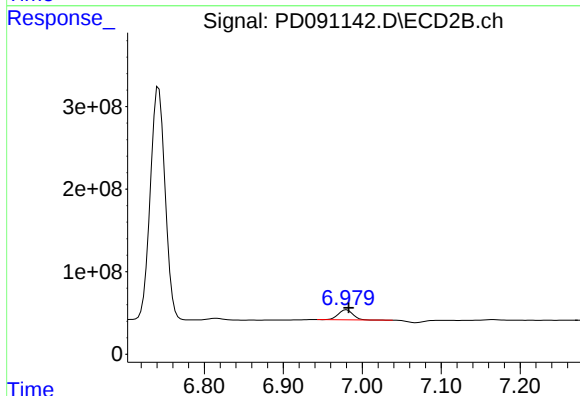
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 3674406984
Conc: 210.84 ng/ml



#21 Endrin ketone

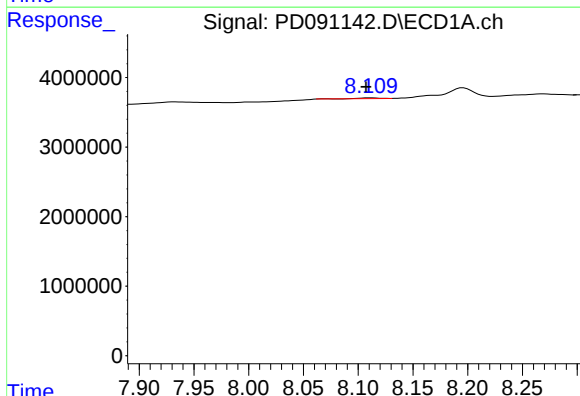
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 15223725
Conc: 3.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



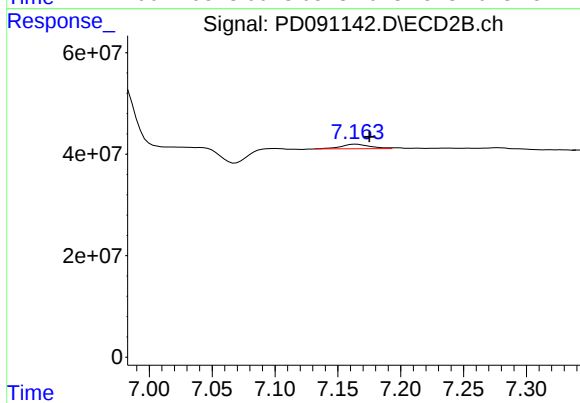
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 152992888
Conc: 4.06 ng/ml



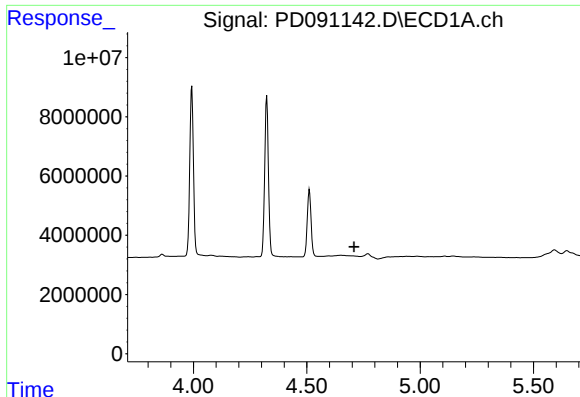
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.004 min
Response: 97321
Conc: 0.03 ng/ml



#22 Mirex

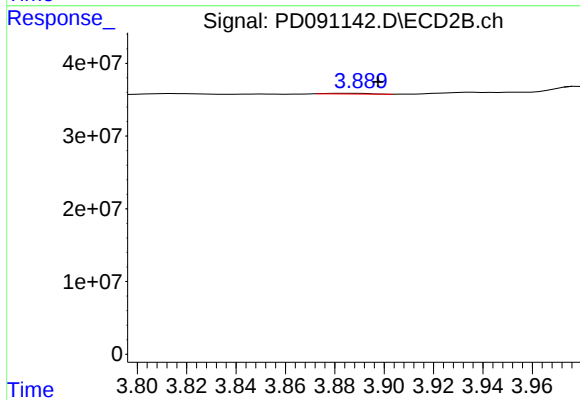
R.T.: 7.165 min
Delta R.T.: -0.011 min
Response: 14247335
Conc: 0.55 ng/ml



#23 Chlordane-1

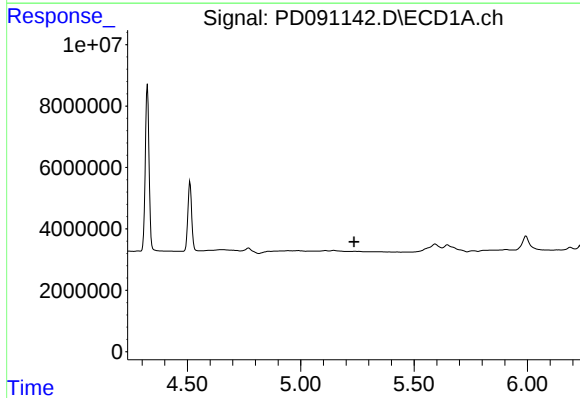
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



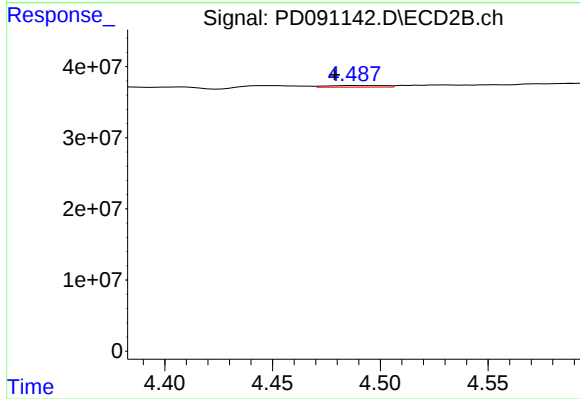
#23 Chlordane-1

R.T.: 3.884 min
Delta R.T.: -0.013 min
Response: 1127993
Conc: 0.91 ng/ml



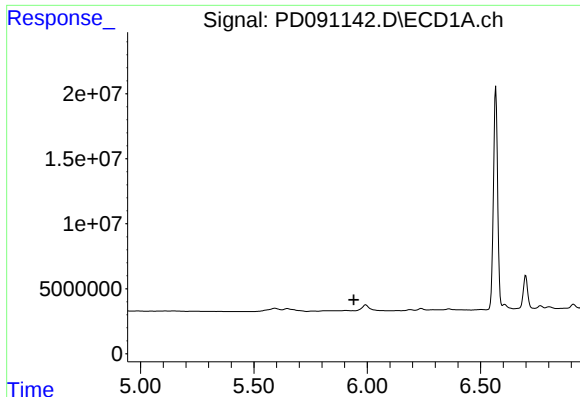
#24 Chlordane-2

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



#24 Chlordane-2

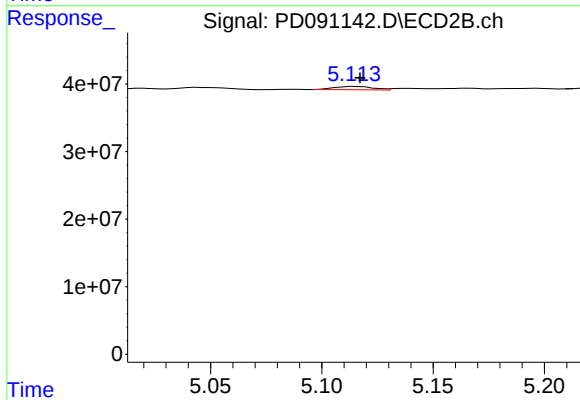
R.T.: 4.488 min
Delta R.T.: 0.009 min
Response: 4060146
Conc: 3.11 ng/ml



#25 Chlordane-3

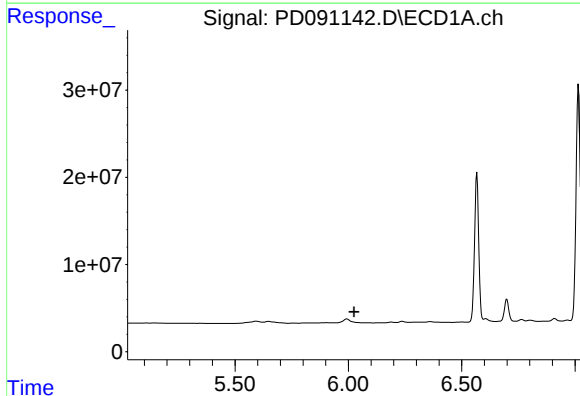
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



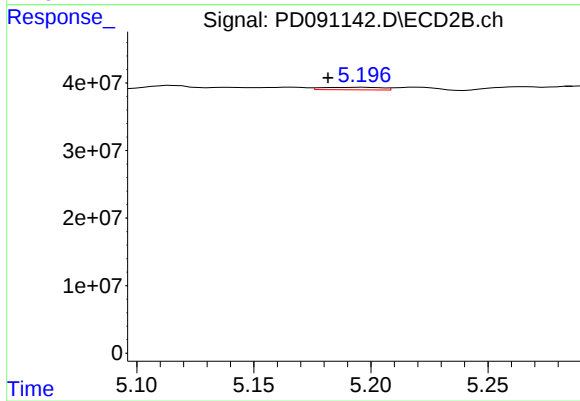
#25 Chlordane-3

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 6071915
Conc: 1.56 ng/ml



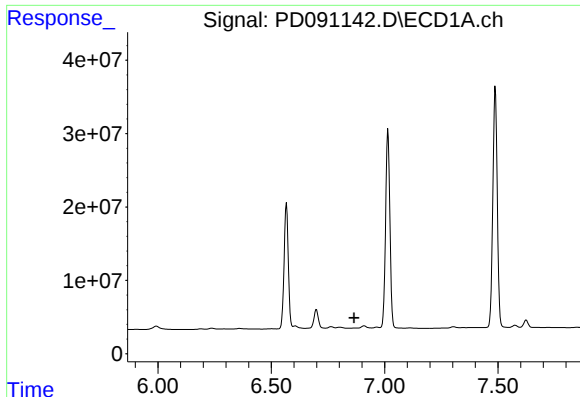
#26 Chlordane-4

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



#26 Chlordane-4

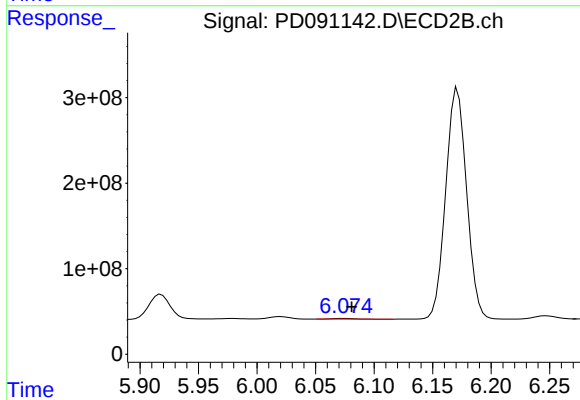
R.T.: 5.197 min
Delta R.T.: 0.015 min
Response: 6574620
Conc: 1.97 ng/ml



#27 Chlordane-5

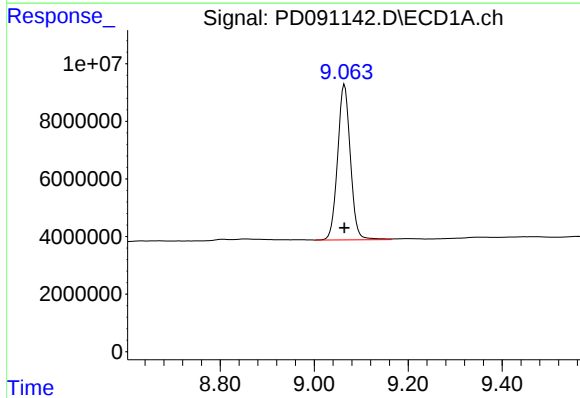
R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



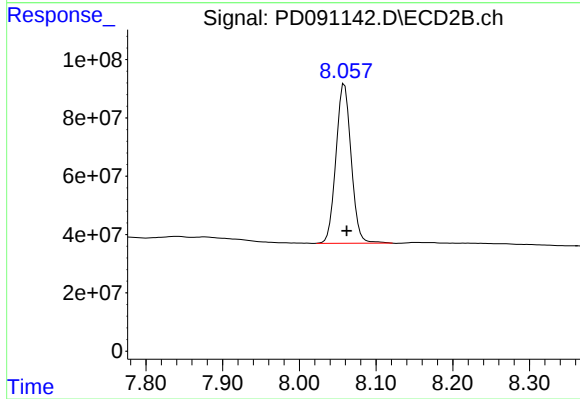
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.006 min
Response: 11806649
Conc: 8.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 101773811
Conc: 21.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 753072935
Conc: 24.86 ng/ml