

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 09:49
 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 04:56:23 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...	3.539	2.869	75058118	966.2E6	21.610	24.520
28)	SA Decachlor...	9.058	8.053	105.2E6	1066.7E6	20.246	25.759 #
Target Compounds							
2)	A alpha-BHC	3.988	3.380	74068700	817.0E6	9.200	11.984 #
3)	MA gamma-BHC...	4.319	3.716	72007864	757.9E6	9.581	13.479 #
4)	MA Heptachlor	0.000	4.065	0	2185043	N.D.	0.037 #
5)	MB Aldrin	0.000	4.350	0	12273726	N.D.	0.212 #
6)	B beta-BHC	4.507	4.012	30780240	316.3E6	10.661	13.203
7)	B delta-BHC	4.765	4.252	1984102	2158371	0.332	0.036 #
8)	B Heptachlo...	5.672	4.865	2610854	837655	0.422	0.017 #
9)	A Endosulfan I	0.000	5.209f	0	21584857	N.D.	0.441 #
10)	B gamma-Chl...	5.931	5.111	140184	53773932	0.022	0.963 #
11)	B alpha-Chl...	6.022	5.184	344872	35947918	0.051	0.671 #
12)	B 4,4'-DDE	6.184	5.360	648464	66773418	0.112	1.218 #
13)	MA Dieldrin	6.356f	5.507	751956	1603135	0.116	0.029 #
14)	MA Endrin	6.562	5.772	267.9E6	2913.5E6	47.774	55.732
15)	B Endosulfa...	6.759f	6.069	1892073	19221275	0.311	0.408 #
16)	A 4,4'-DDD	6.694	5.913	16081375	180.1E6	3.494	3.959
17)	MA 4,4'-DDT	7.009	6.166	463.0E6	5455.1E6	89.800	115.089 #
18)	B Endrin al...	6.904	6.241	3882500	40897472	0.929	1.146
19)	B Endosulfa...	0.000	6.445f	0	7077645	N.D.	0.154 #
20)	A Methoxychlor	7.483	6.736	549.9E6	5259.3E6	204.565	222.868
21)	B Endrin ke...	7.619	6.974	9942801	122.2E6	1.765	2.512 #
22)	Mirex	0.000	7.158	0	8824674	N.D.	0.269 #
23)	Chlordane-1	0.000	3.885	0	1037170	N.D.	0.694 #
24)	Chlordane-2	0.000	4.495f	0	80572889	N.D.	51.030 #
25)	Chlordane-3	5.931	5.111	140184	53773932	0.171	10.559 #
26)	Chlordane-4	6.022	5.184	344872	35947918	0.340	8.422 #
27)	Chlordane-5	6.868	6.069	784606	19221275	4.436	10.137 #

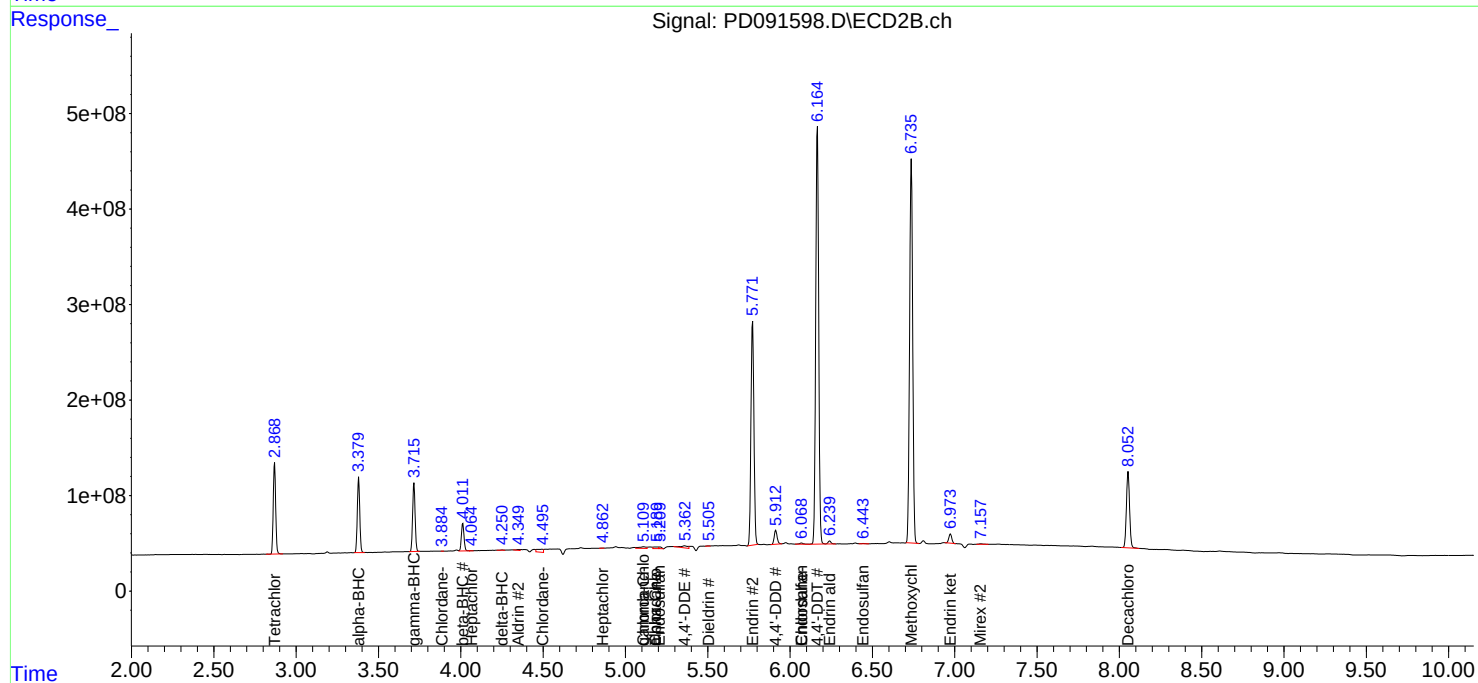
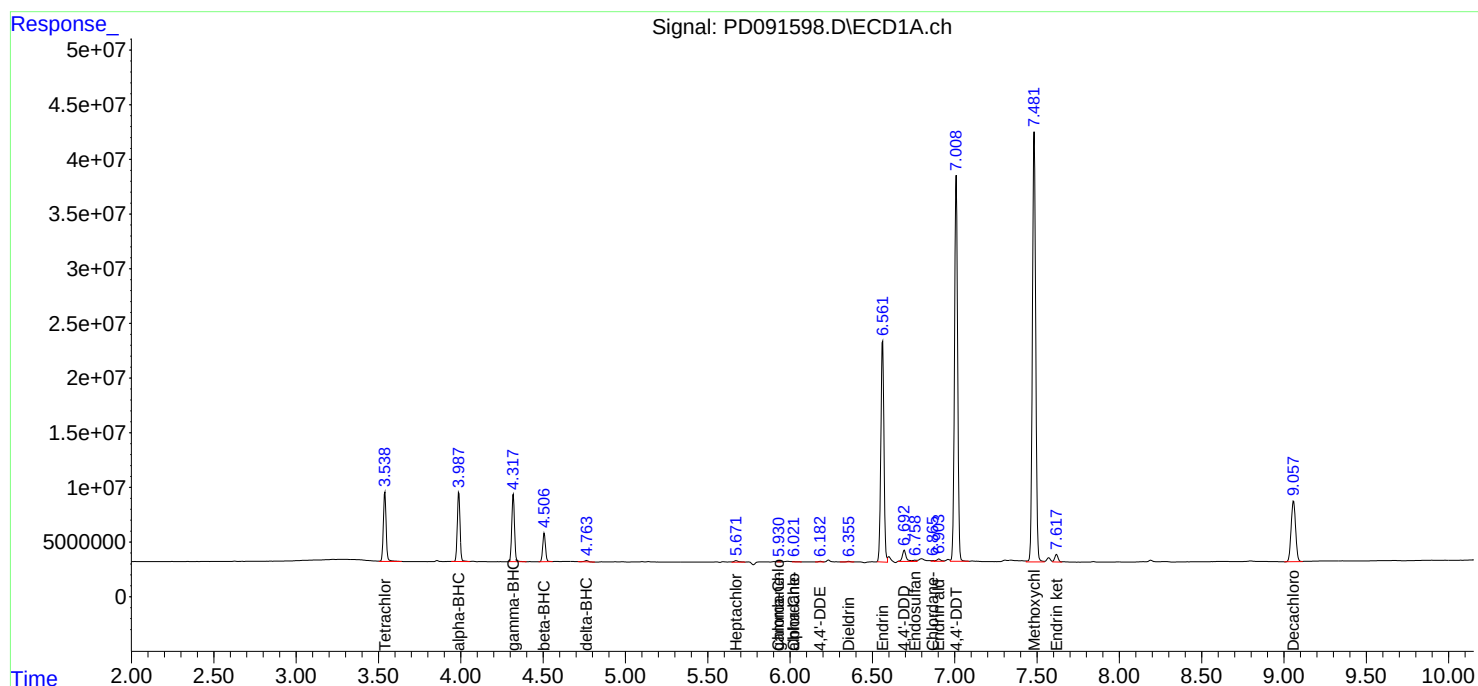
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

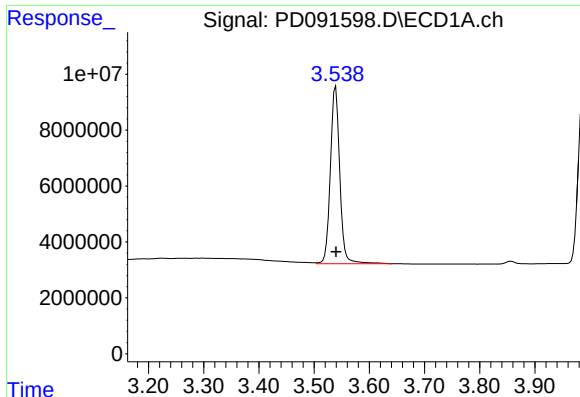
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 09:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:56:23 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

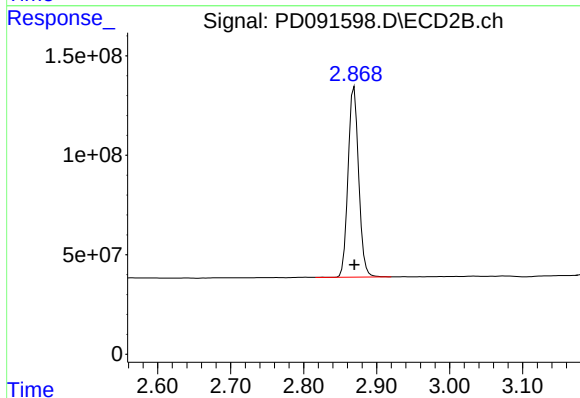




#1 Tetrachloro-m-xylene

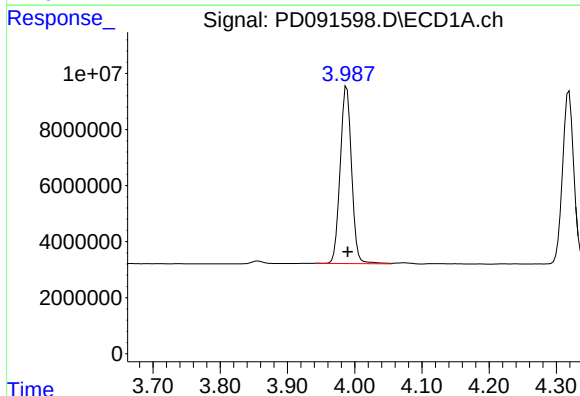
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 75058118
Conc: 21.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



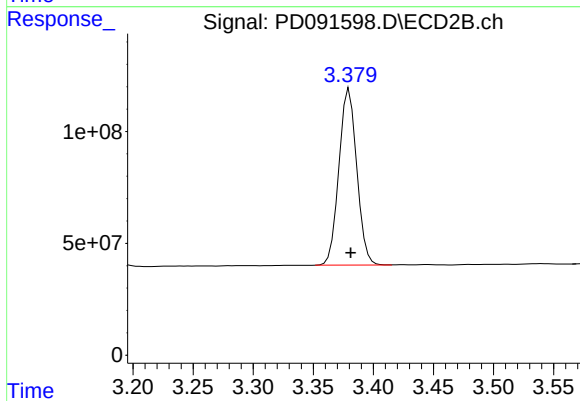
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 966175712
Conc: 24.52 ng/ml



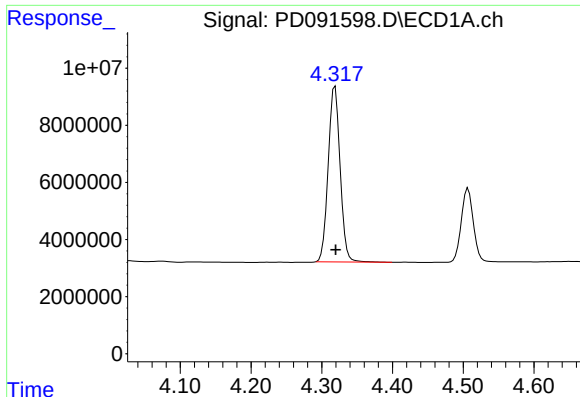
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 74068700
Conc: 9.20 ng/ml



#2 alpha-BHC

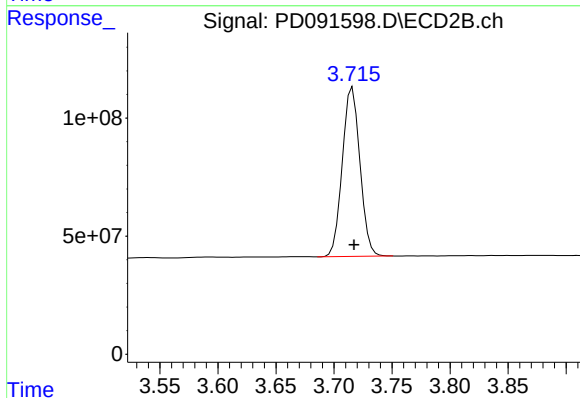
R.T.: 3.380 min
Delta R.T.: -0.001 min
Response: 817001451
Conc: 11.98 ng/ml



#3 gamma-BHC (Lindane)

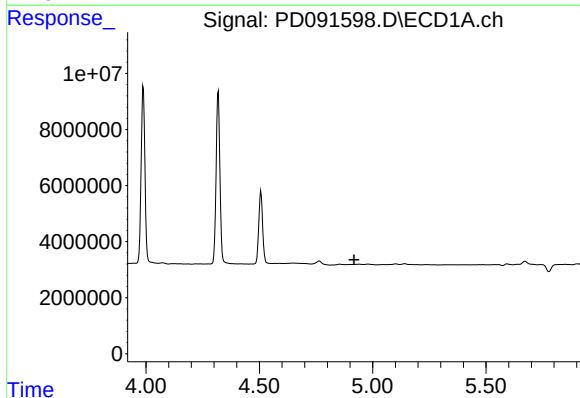
R.T.: 4.319 min
Delta R.T.: -0.001 min
Response: 72007864
Conc: 9.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



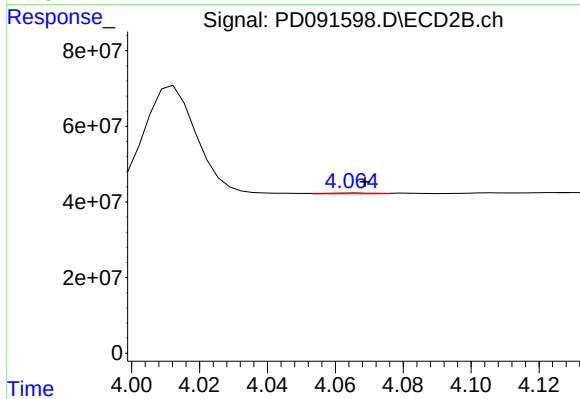
#3 gamma-BHC (Lindane)

R.T.: 3.716 min
Delta R.T.: -0.001 min
Response: 757923645
Conc: 13.48 ng/ml



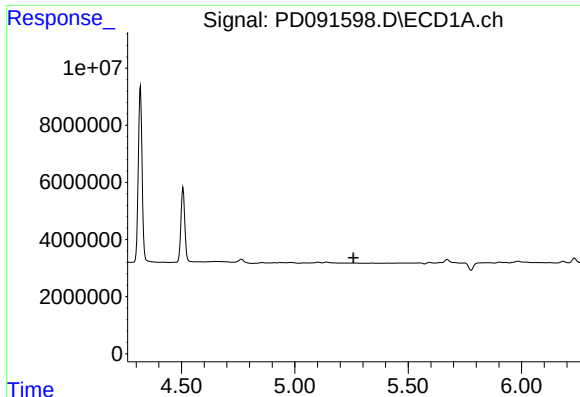
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#4 Heptachlor

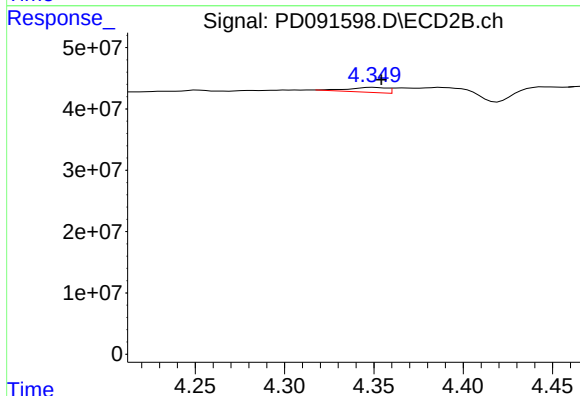
R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 2185043
Conc: 0.04 ng/ml



#5 Aldrin

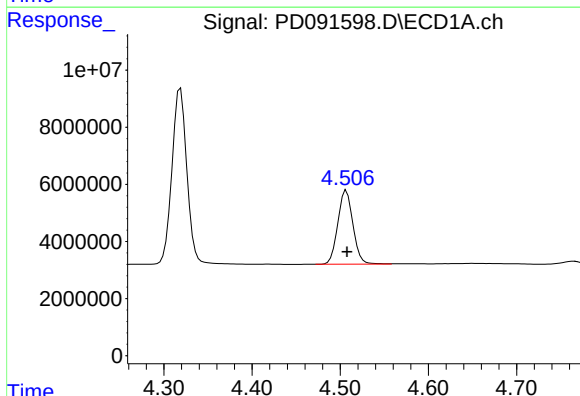
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



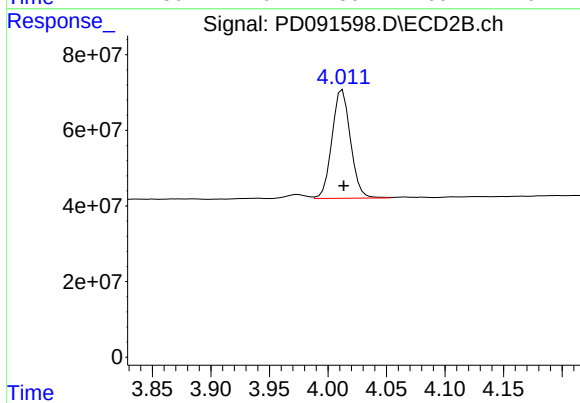
#5 Aldrin

R.T.: 4.350 min
Delta R.T.: -0.004 min
Response: 12273726
Conc: 0.21 ng/ml



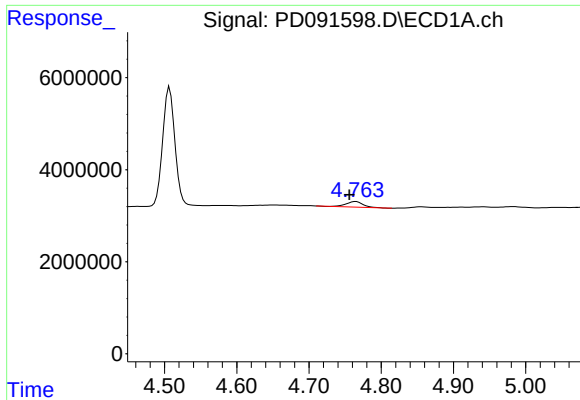
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 30780240
Conc: 10.66 ng/ml



#6 beta-BHC

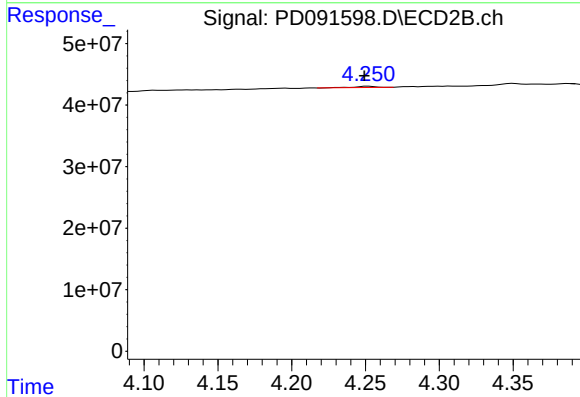
R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 316324486
Conc: 13.20 ng/ml



#7 delta-BHC

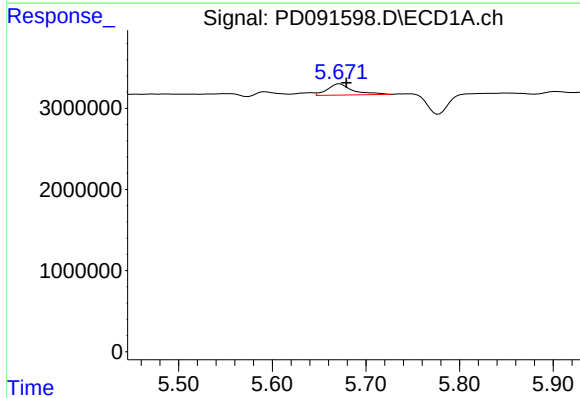
R.T.: 4.765 min
Delta R.T.: 0.009 min
Response: 1984102
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



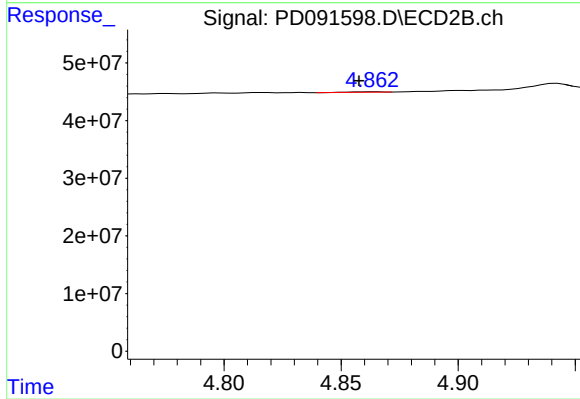
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.002 min
Response: 2158371
Conc: 0.04 ng/ml



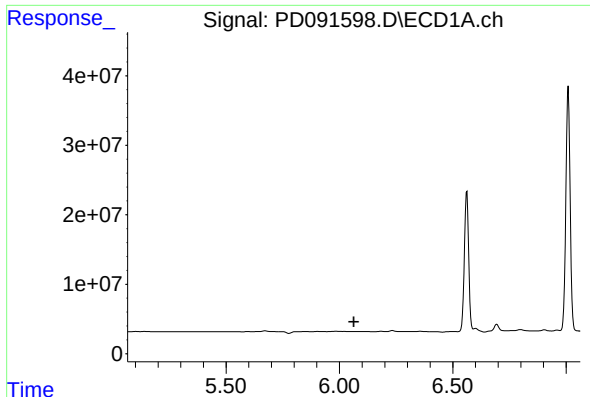
#8 Heptachlor epoxide

R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 2610854
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

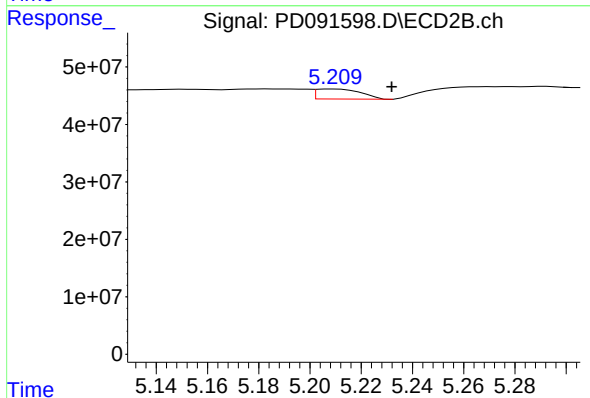
R.T.: 4.865 min
Delta R.T.: 0.007 min
Response: 837655
Conc: 0.02 ng/ml



#9 Endosulfan I

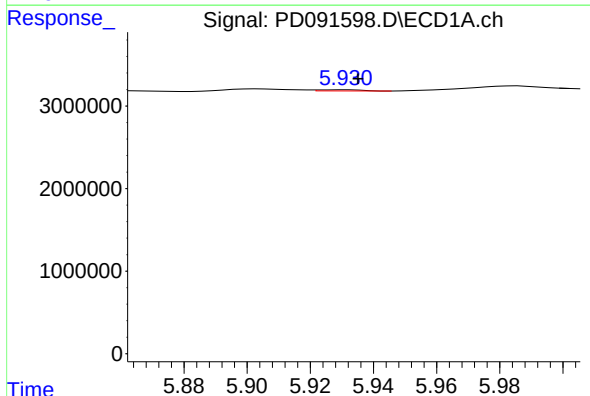
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



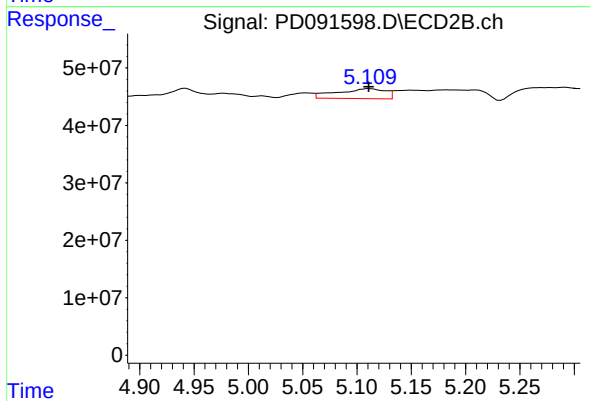
#9 Endosulfan I

R.T.: 5.209 min
Delta R.T.: -0.023 min
Response: 21584857
Conc: 0.44 ng/ml



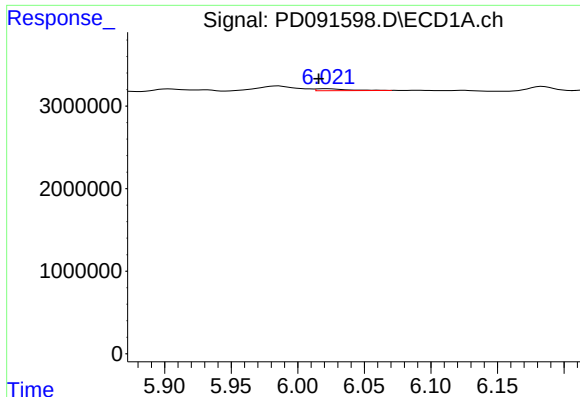
#10 gamma-Chlordane

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 140184
Conc: 0.02 ng/ml



#10 gamma-Chlordane

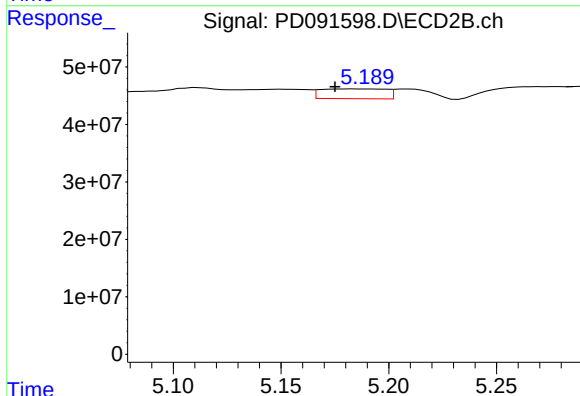
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 53773932
Conc: 0.96 ng/ml



#11 alpha-Chlordane

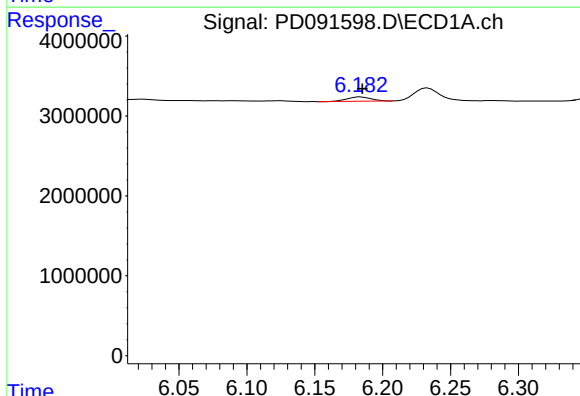
R.T.: 6.022 min
Delta R.T.: 0.007 min
Response: 344872
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



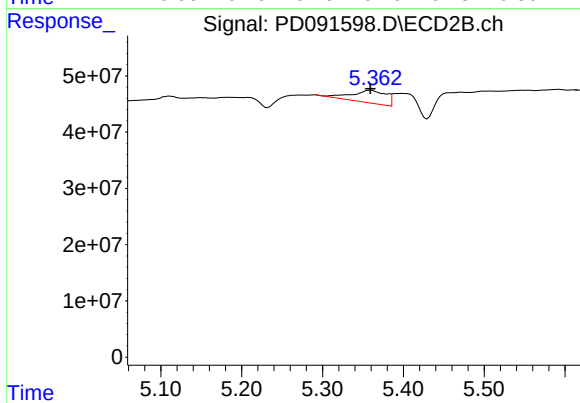
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.009 min
Response: 35947918
Conc: 0.67 ng/ml



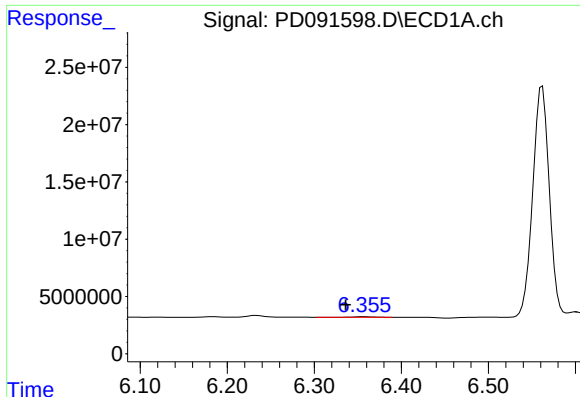
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: -0.001 min
Response: 648464
Conc: 0.11 ng/ml



#12 4,4'-DDE

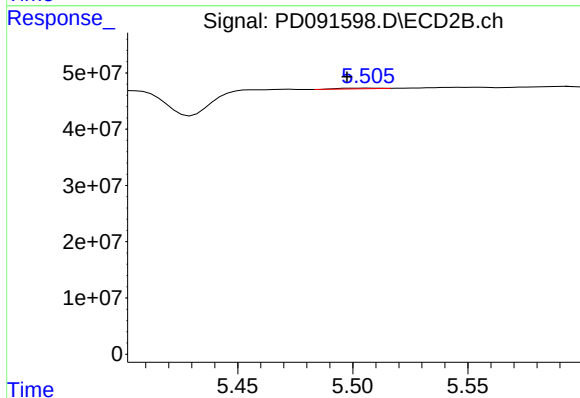
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 66773418
Conc: 1.22 ng/ml



#13 Dieldrin

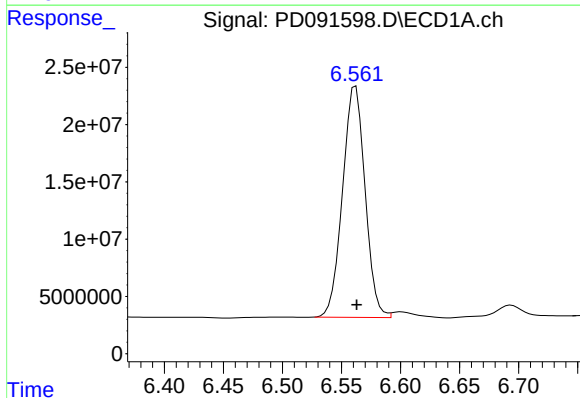
R.T.: 6.356 min
Delta R.T.: 0.020 min
Response: 751956
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



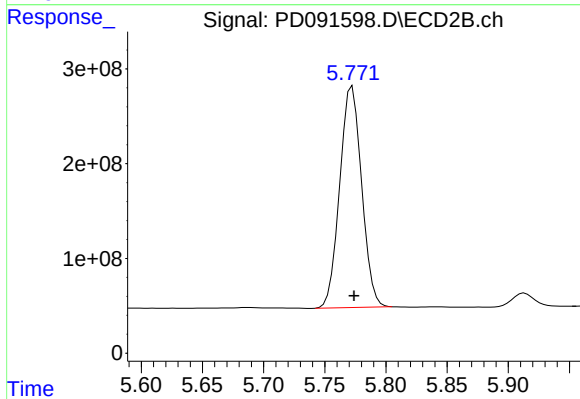
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.009 min
Response: 1603135
Conc: 0.03 ng/ml



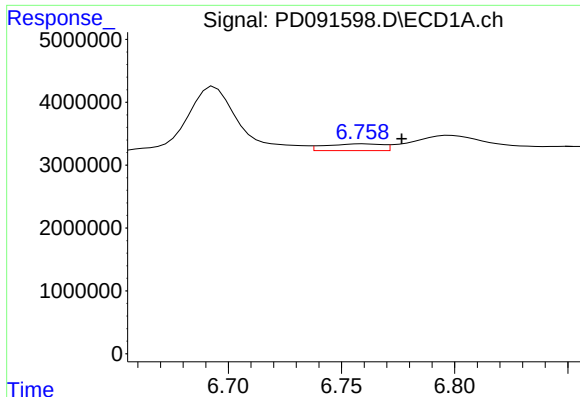
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 267928531
Conc: 47.77 ng/ml



#14 Endrin

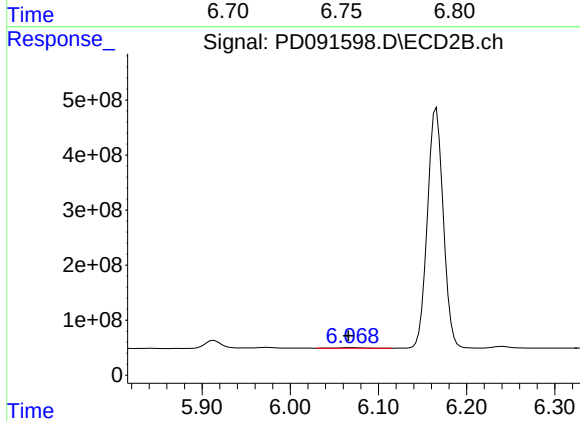
R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 2913549172
Conc: 55.73 ng/ml



#15 Endosulfan II

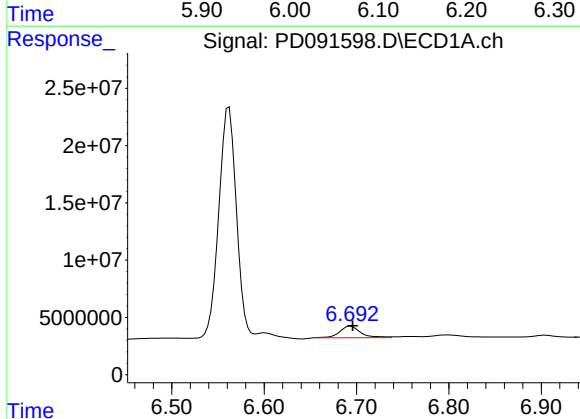
R.T.: 6.759 min
Delta R.T.: -0.017 min
Response: 1892073
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



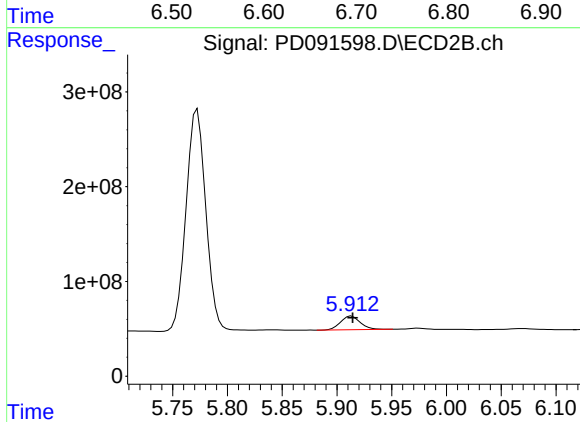
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 19221275
Conc: 0.41 ng/ml



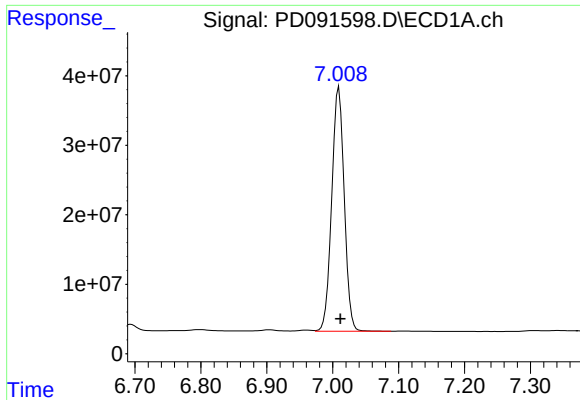
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 16081375
Conc: 3.49 ng/ml



#16 4,4'-DDD

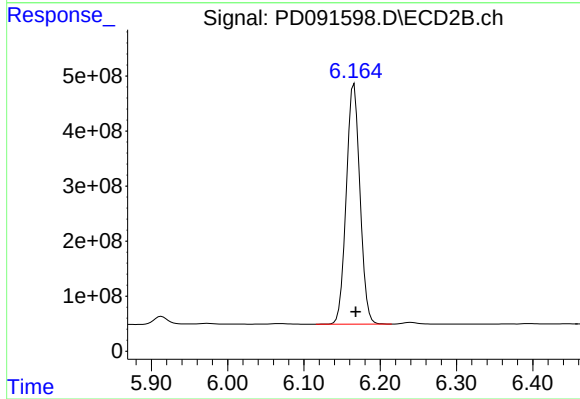
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 180062558
Conc: 3.96 ng/ml



#17 4,4'-DDT

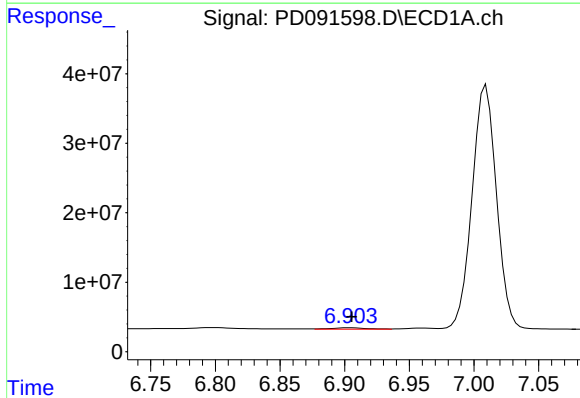
R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 463049134
Conc: 89.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



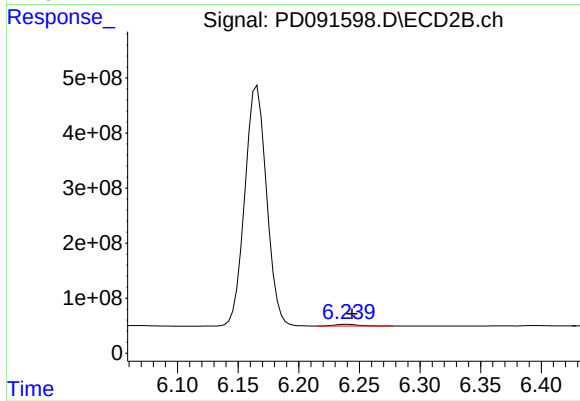
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 5455063492
Conc: 115.09 ng/ml



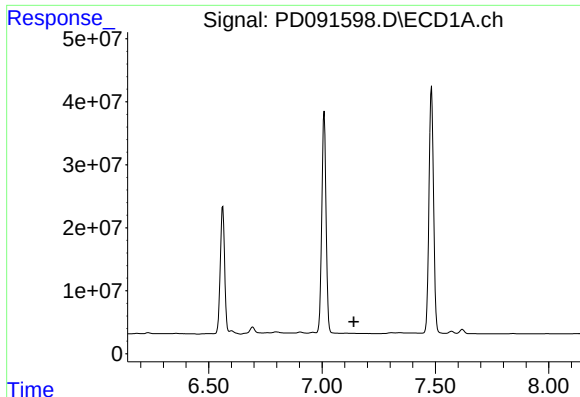
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 3882500
Conc: 0.93 ng/ml



#18 Endrin aldehyde

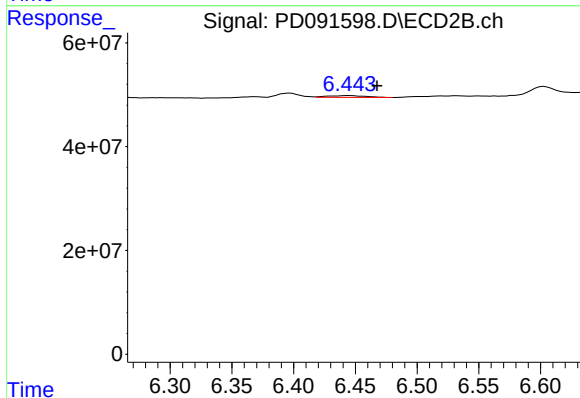
R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 40897472
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

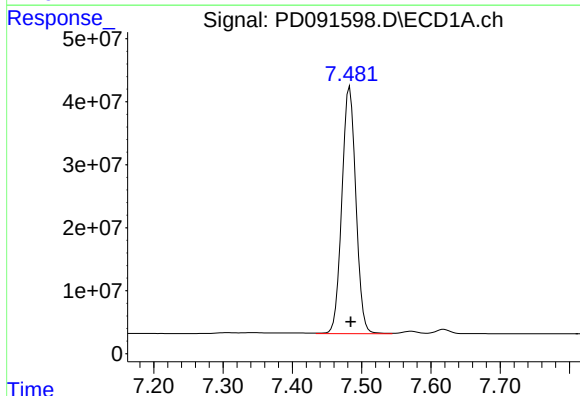
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



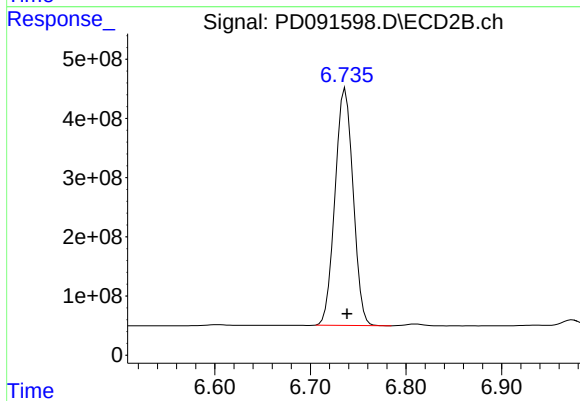
#19 Endosulfan Sulfate

R.T.: 6.445 min
Delta R.T.: -0.023 min
Response: 7077645
Conc: 0.15 ng/ml



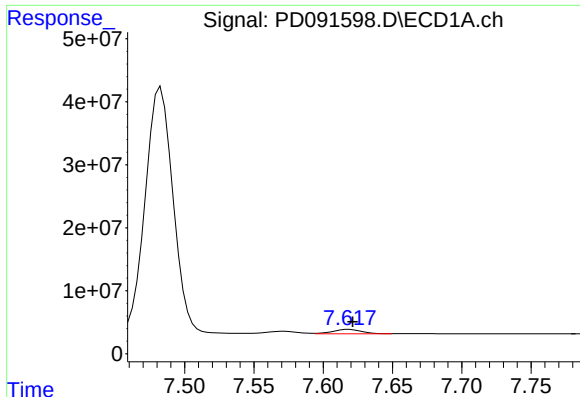
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 549866324
Conc: 204.56 ng/ml



#20 Methoxychlor

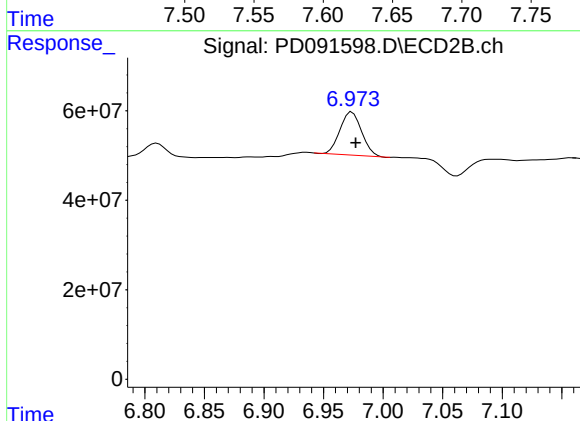
R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 5259260811
Conc: 222.87 ng/ml



#21 Endrin ketone

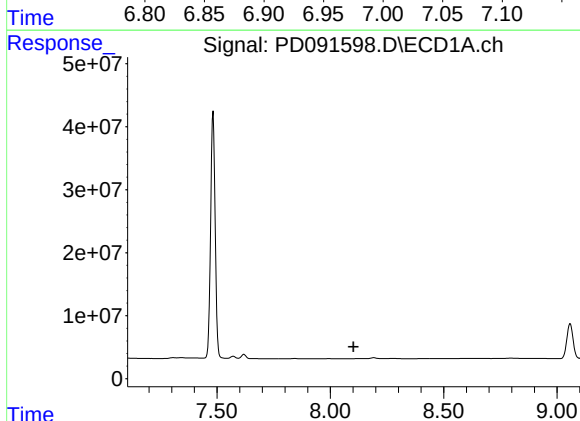
R.T.: 7.619 min
Delta R.T.: -0.003 min
Response: 9942801
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



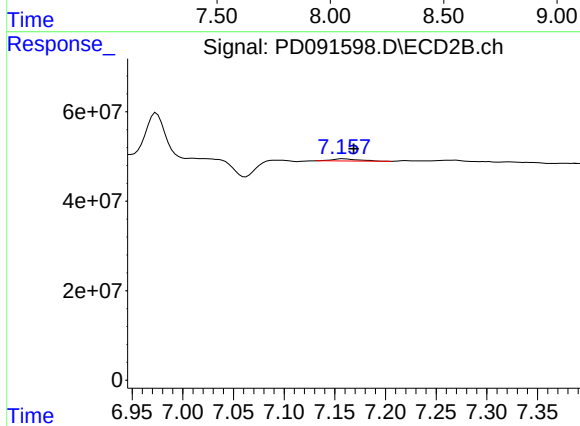
#21 Endrin ketone

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 122203380
Conc: 2.51 ng/ml



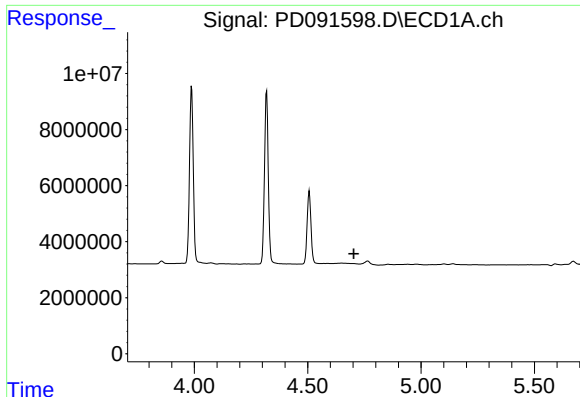
#22 Mirex

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



#22 Mirex

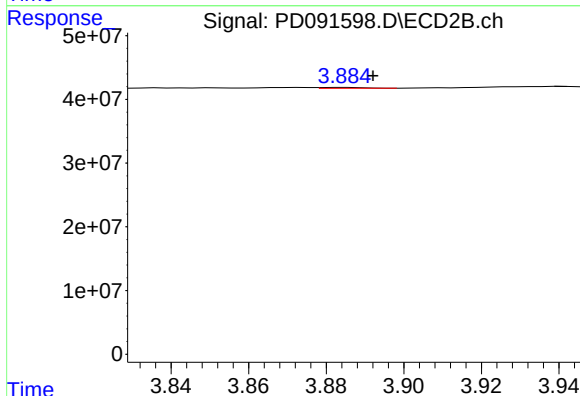
R.T.: 7.158 min
Delta R.T.: -0.010 min
Response: 8824674
Conc: 0.27 ng/ml



#23 Chlordane-1

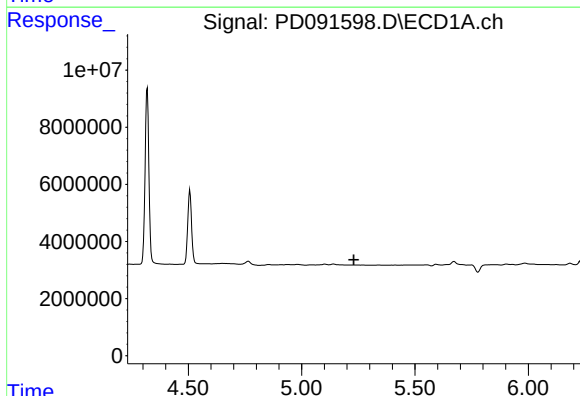
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



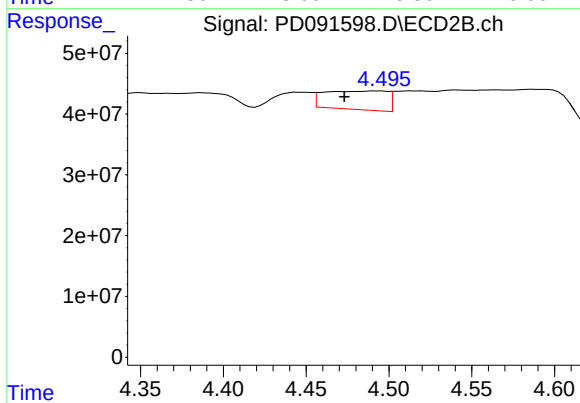
#23 Chlordane-1

R.T.: 3.885 min
Delta R.T.: -0.007 min
Response: 1037170
Conc: 0.69 ng/ml



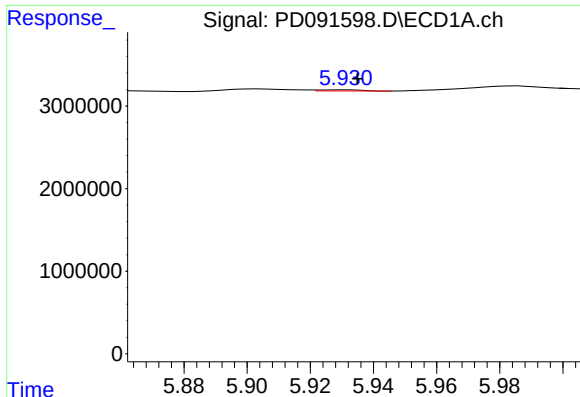
#24 Chlordane-2

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



#24 Chlordane-2

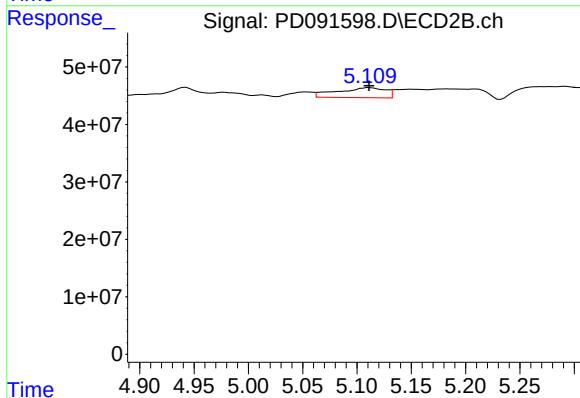
R.T.: 4.495 min
Delta R.T.: 0.022 min
Response: 80572889
Conc: 51.03 ng/ml



#25 Chlordane-3

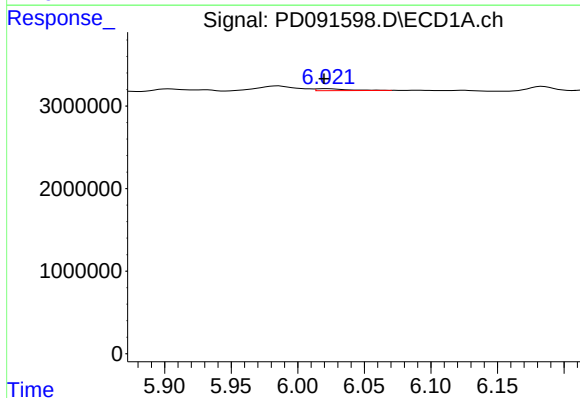
R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 140184
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



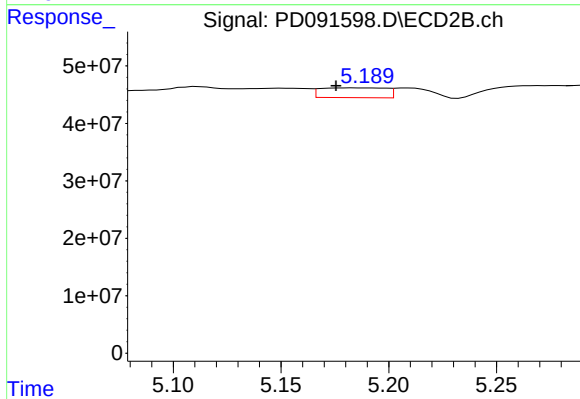
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 53773932
Conc: 10.56 ng/ml



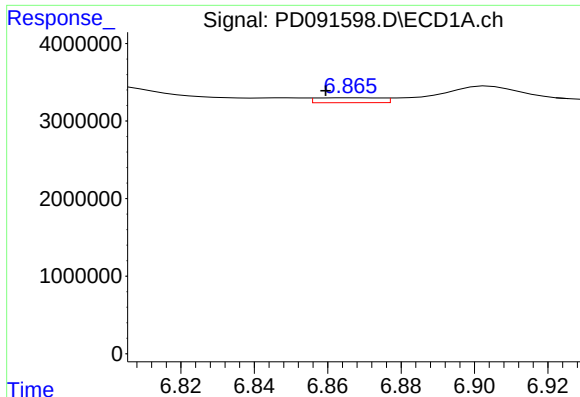
#26 Chlordane-4

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 344872
Conc: 0.34 ng/ml



#26 Chlordane-4

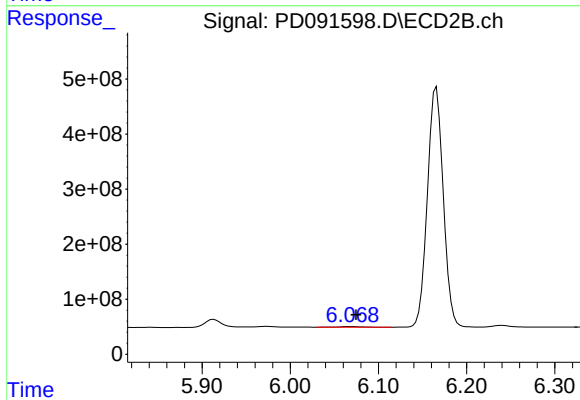
R.T.: 5.184 min
Delta R.T.: 0.008 min
Response: 35947918
Conc: 8.42 ng/ml



#27 Chlordane-5

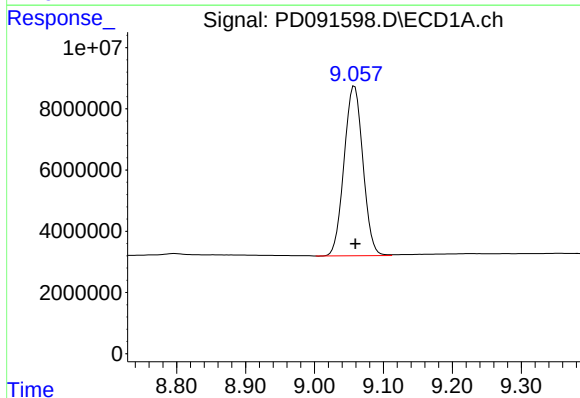
R.T.: 6.868 min
Delta R.T.: 0.008 min
Response: 784606
Conc: 4.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



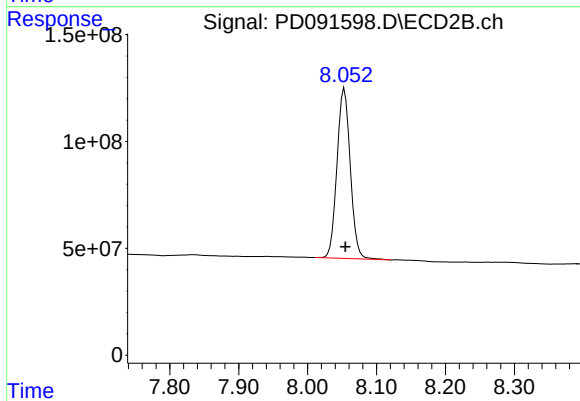
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 19221275
Conc: 10.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.001 min
Response: 105236841
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.001 min
Response: 1066707139
Conc: 25.76 ng/ml