

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
 Data File : PD066057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 09:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:13:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.491	4.010	17607737	127.0E6	23.776	22.115
28)	SA Decachlor...	8.229	9.079	29727846	99683837	21.763	25.757
Target Compounds							
2)	A alpha-BHC	3.930	4.405	12185650	92244714	10.850	10.971
3)	MA gamma-BHC...	4.213	4.691	12451829	85411047	11.104	11.055
4)	MA Heptachlor	0.000	5.201	0	240131	N.D.	0.033 #
5)	MB Aldrin	4.757	5.509	181751	192265	0.162	0.029 #
6)	B beta-BHC	4.462	4.868	8276551	43137861	14.498	11.672
7)	B delta-BHC	4.663	5.110f	78593	1376396	0.070	0.191 #
8)	B Heptachlo...	0.000	5.907f	0	548294	N.D.	0.106 #
9)	A Endosulfan I	5.529	6.270f	80235	153006	0.074	0.028 #
10)	B gamma-Chl...	5.423	6.139	95153	328035	0.079	0.055 #
11)	B alpha-Chl...	0.000	6.187	0	277468	N.D.	0.046 #
12)	B 4,4'-DDE	5.645	6.352	345477	1371869	0.317	0.238 #
13)	MA Dieldrin	0.000	6.497	0	85877	N.D.	0.015 #
14)	MA Endrin	6.038	6.724	56905709	264.8E6	53.779	53.710
15)	B Endosulfa...	6.312	6.937	1085030	2074279	1.004	0.428 #
16)	A 4,4'-DDD	6.160	6.847	1127385	7583348	1.149	1.543 #
17)	MA 4,4'-DDT	6.400	7.145	121.9E6	509.4E6	110.711	100.852
18)	B Endrin al...	6.478	7.062	1321476	3093936	1.491	0.790 #
19)	B Endosulfa...	6.683	7.300	589311	-24936	0.516	N.D. #
20)	A Methoxychlor	6.946	7.604	171.7E6	622.0E6	251.209	236.349
21)	B Endrin ke...	7.183	7.758	3603060	16915887	2.558	2.966
22)	Mirex	7.379	8.196	1725277	2607741	1.429	0.660 #
23)	Chlordane-1	4.388f	0.000	1301694	0	38.860	N.D. #
24)	Chlordane-2	4.862	5.483	67753	498632	1.668	2.156 #
25)	Chlordane-3	5.423	6.139	95153	328035	0.808	0.400 #
26)	Chlordane-4	0.000	6.187	0	277468	N.D.	0.289 #
27)	Chlordane-5	6.312	0.000	1085030	0	22.326	N.D. #

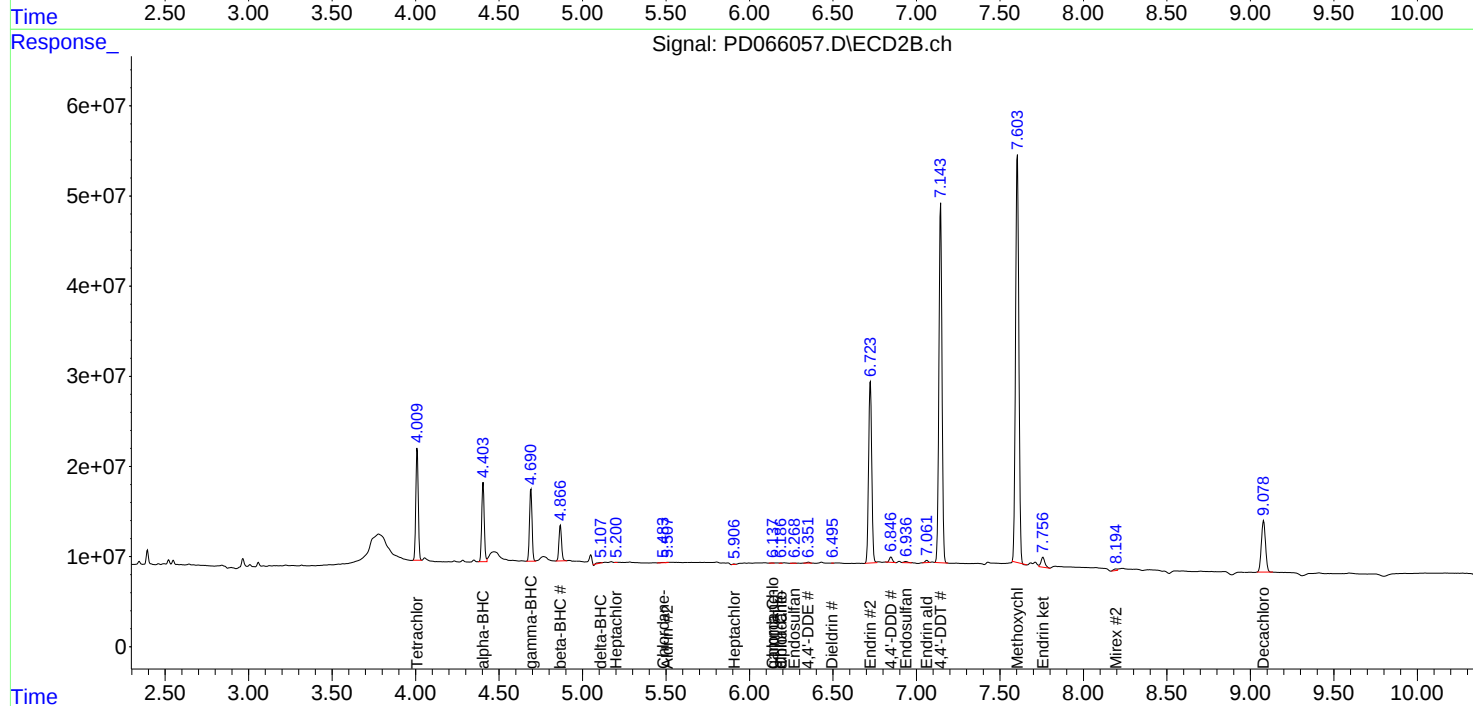
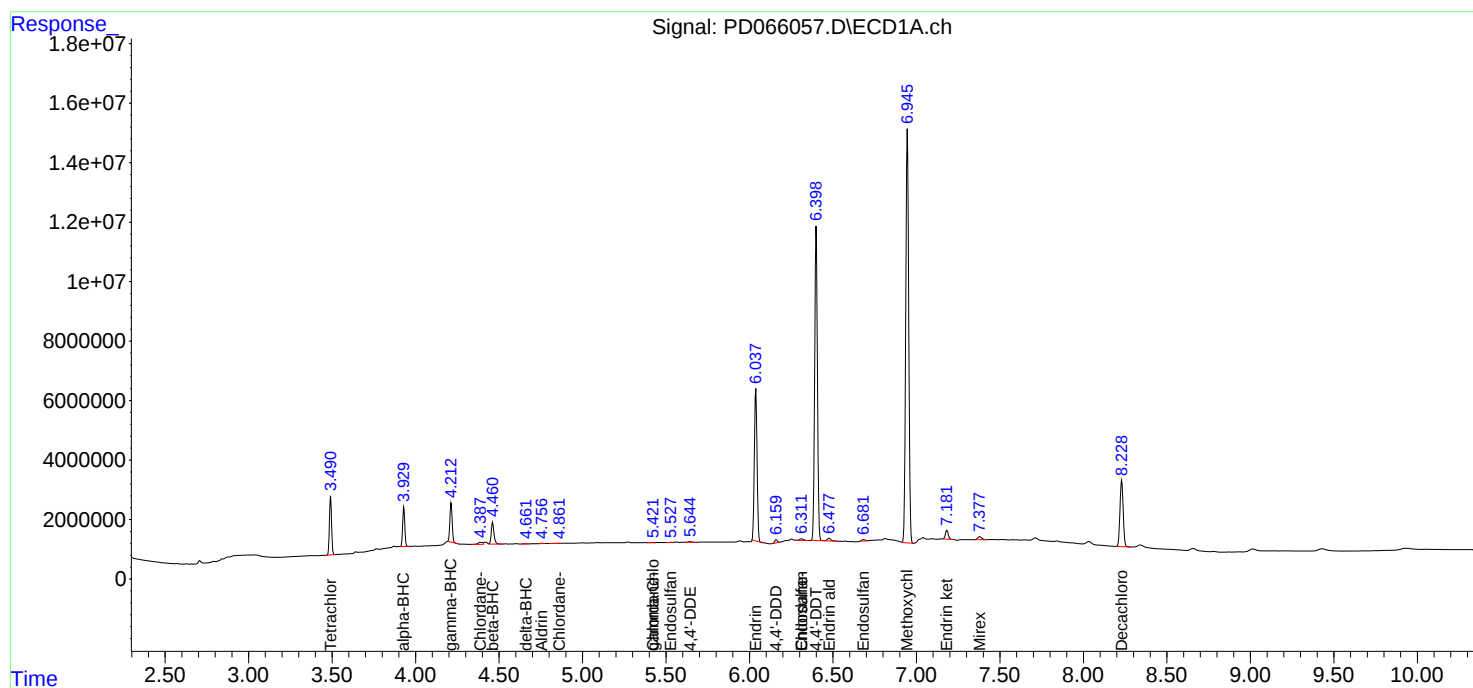
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

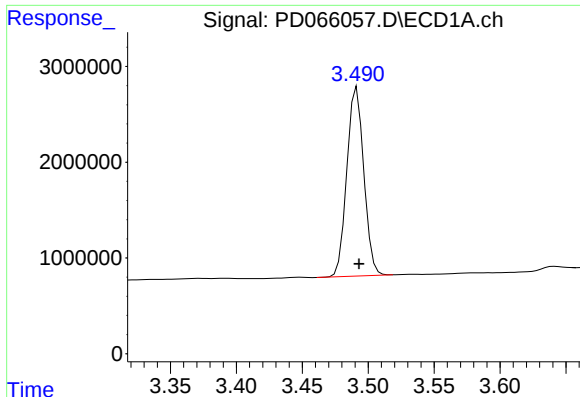
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
Data File : PD066057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2021 09:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:13:21 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

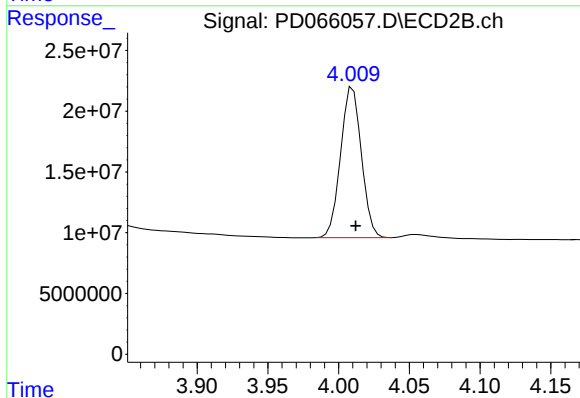




#1 Tetrachloro-m-xylene

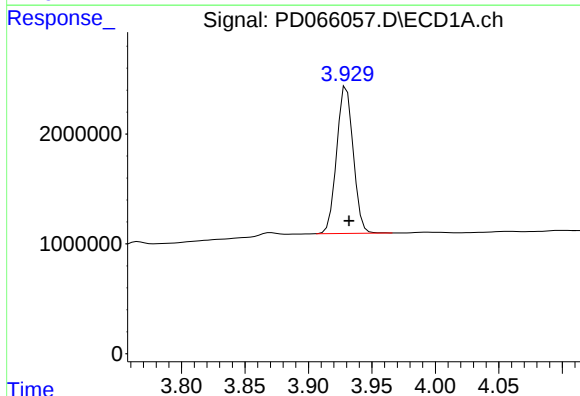
R.T.: 3.491 min
Delta R.T.: -0.002 min
Response: 17607737
Conc: 23.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



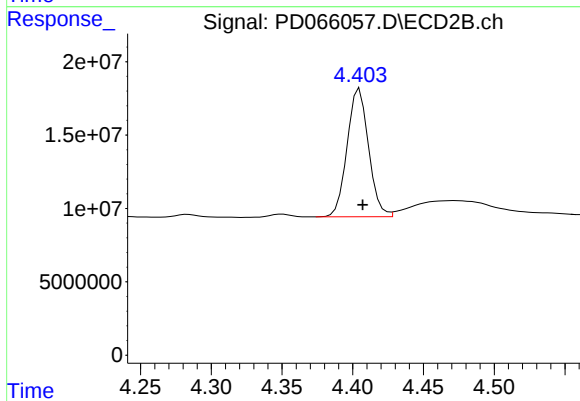
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 126989538
Conc: 22.12 ng/ml



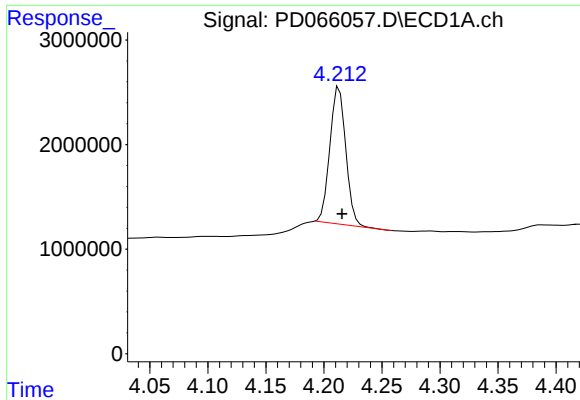
#2 alpha-BHC

R.T.: 3.930 min
Delta R.T.: -0.002 min
Response: 12185650
Conc: 10.85 ng/ml



#2 alpha-BHC

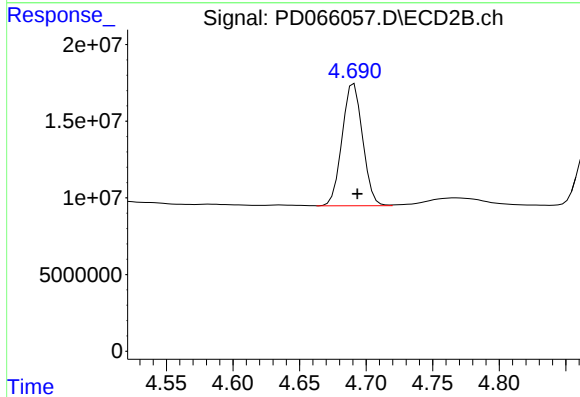
R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 92244714
Conc: 10.97 ng/ml



#3 gamma-BHC (Lindane)

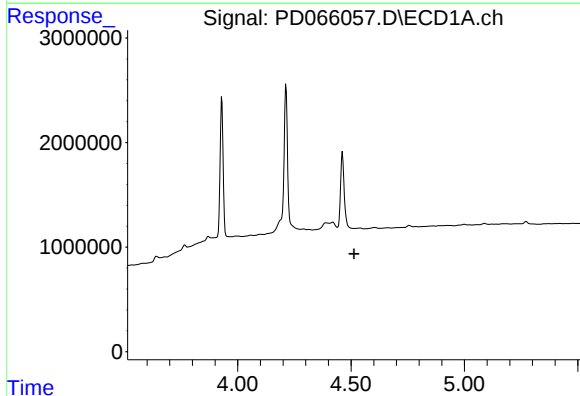
R.T.: 4.213 min
Delta R.T.: -0.003 min
Response: 12451829
Conc: 11.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



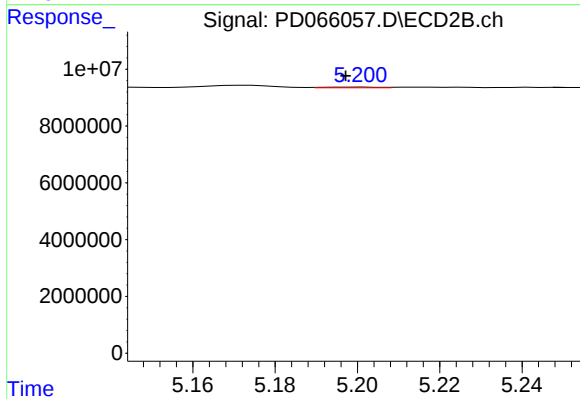
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 85411047
Conc: 11.06 ng/ml



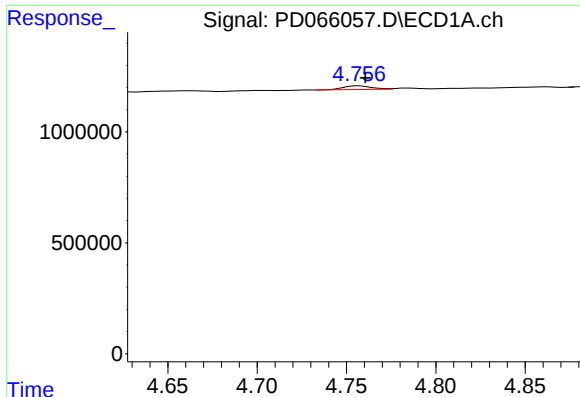
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.513 min
Response: 0
Conc: N.D.



#4 Heptachlor

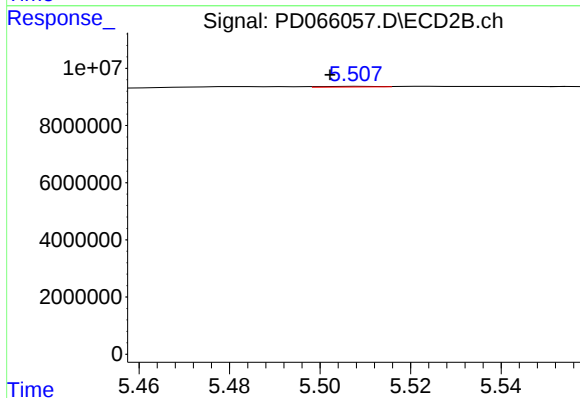
R.T.: 5.201 min
Delta R.T.: 0.003 min
Response: 240131
Conc: 0.03 ng/ml



#5 Aldrin

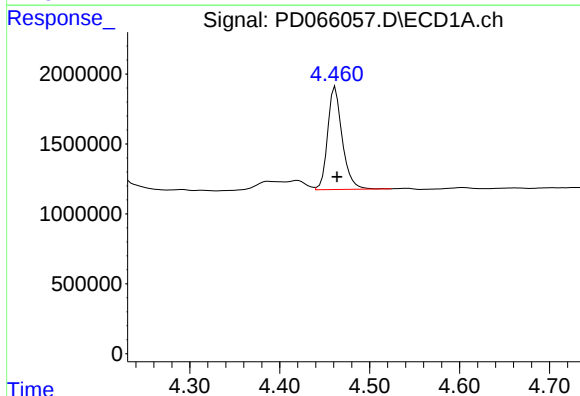
R.T.: 4.757 min
Delta R.T.: -0.004 min
Response: 181751
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



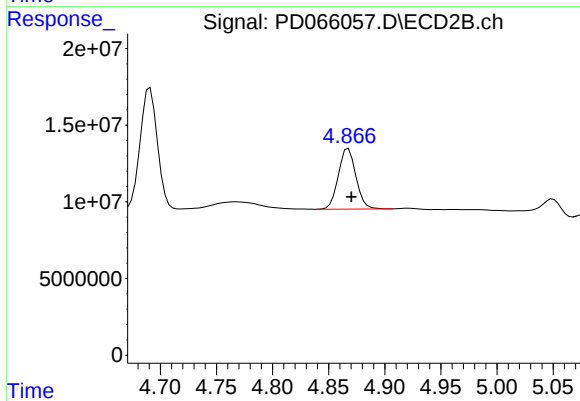
#5 Aldrin

R.T.: 5.509 min
Delta R.T.: 0.007 min
Response: 192265
Conc: 0.03 ng/ml



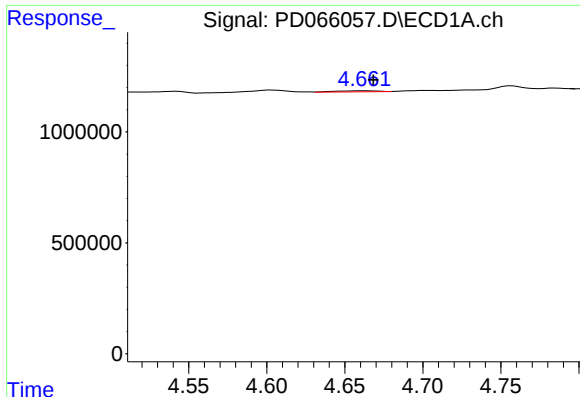
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 8276551
Conc: 14.50 ng/ml



#6 beta-BHC

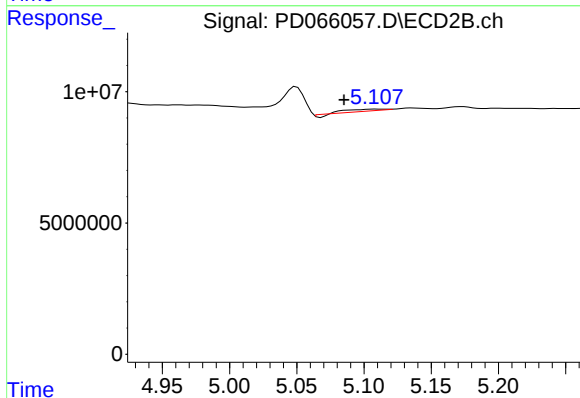
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 43137861
Conc: 11.67 ng/ml



#7 delta-BHC

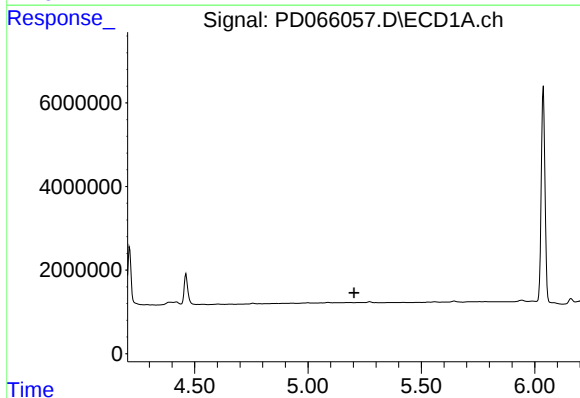
R.T.: 4.663 min
Delta R.T.: -0.005 min
Response: 78593
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



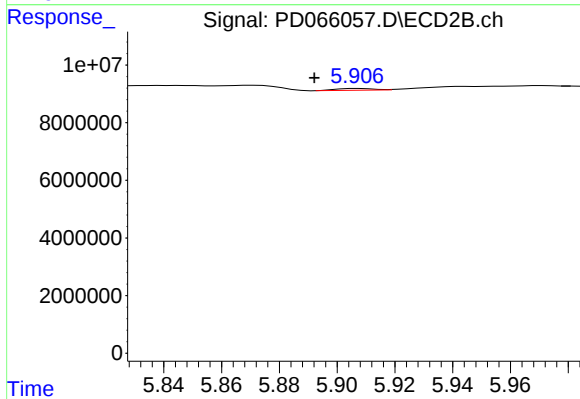
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.024 min
Response: 1376396
Conc: 0.19 ng/ml



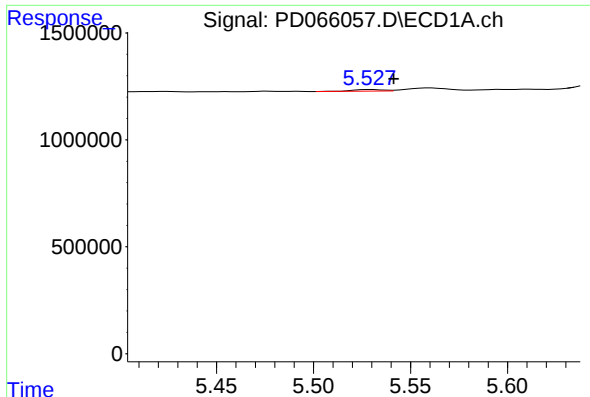
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

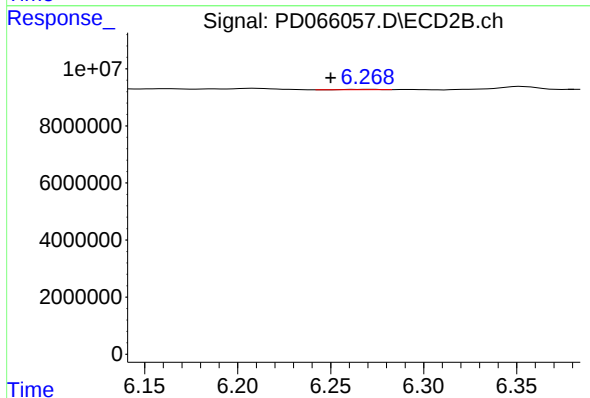
R.T.: 5.907 min
Delta R.T.: 0.015 min
Response: 548294
Conc: 0.11 ng/ml



#9 Endosulfan I

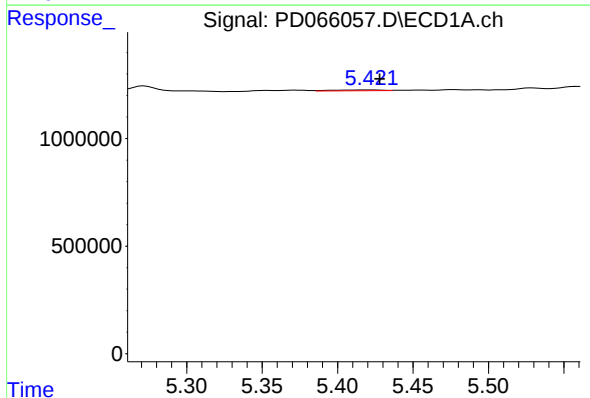
R.T.: 5.529 min
Delta R.T.: -0.012 min
Response: 80235
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



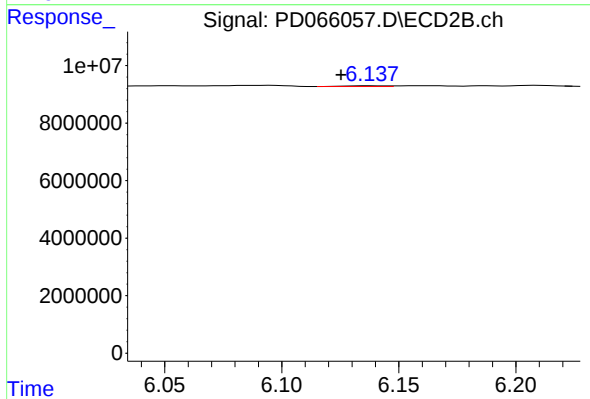
#9 Endosulfan I

R.T.: 6.270 min
Delta R.T.: 0.020 min
Response: 153006
Conc: 0.03 ng/ml



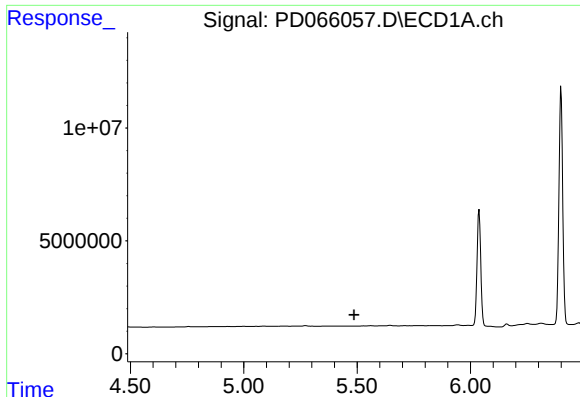
#10 gamma-Chlordane

R.T.: 5.423 min
Delta R.T.: -0.005 min
Response: 95153
Conc: 0.08 ng/ml



#10 gamma-Chlordane

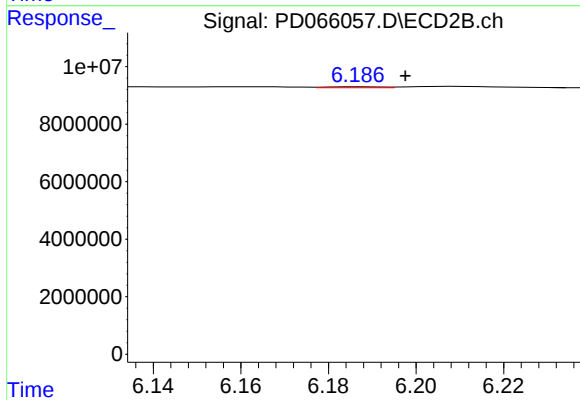
R.T.: 6.139 min
Delta R.T.: 0.013 min
Response: 328035
Conc: 0.05 ng/ml



#11 alpha-Chlordane

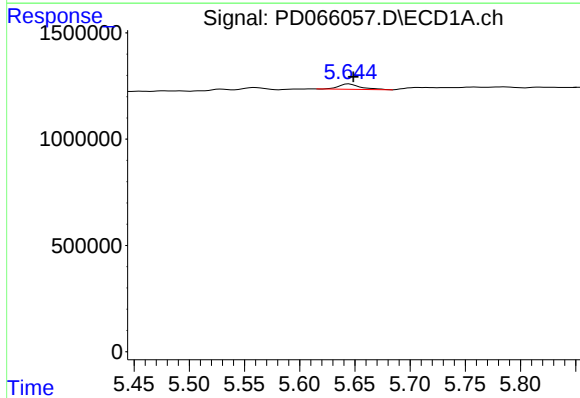
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



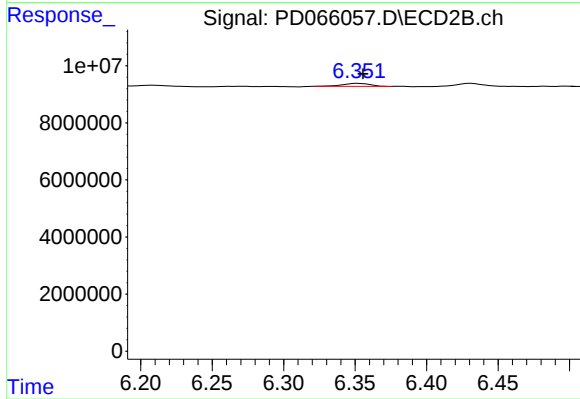
#11 alpha-Chlordane

R.T.: 6.187 min
Delta R.T.: -0.010 min
Response: 277468
Conc: 0.05 ng/ml



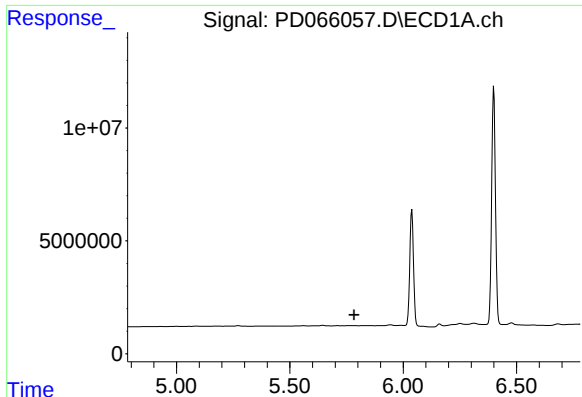
#12 4,4'-DDE

R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 345477
Conc: 0.32 ng/ml



#12 4,4'-DDE

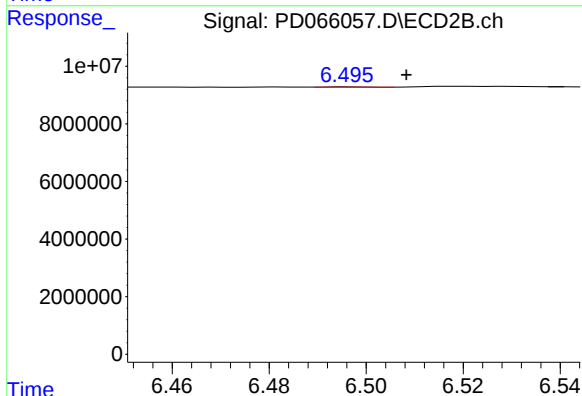
R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 1371869
Conc: 0.24 ng/ml



#13 Dieldrin

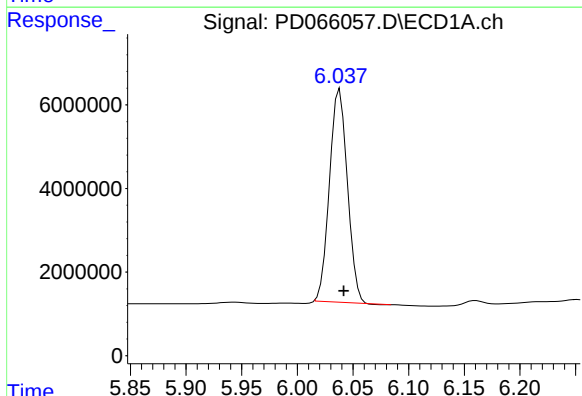
R.T.: 0.000 min
Exp R.T.: 5.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



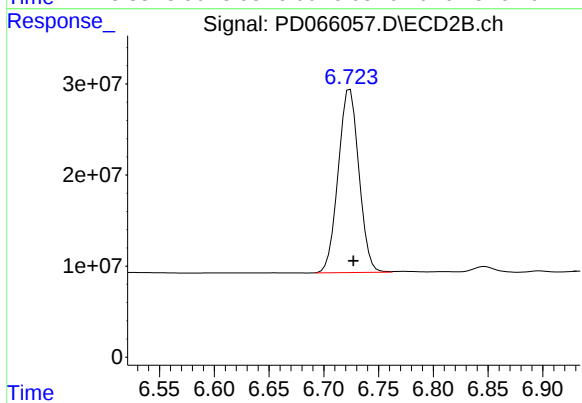
#13 Dieldrin

R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 85877
Conc: 0.01 ng/ml



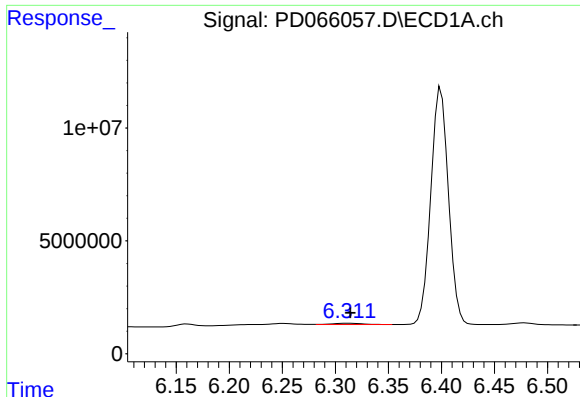
#14 Endrin

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 56905709
Conc: 53.78 ng/ml



#14 Endrin

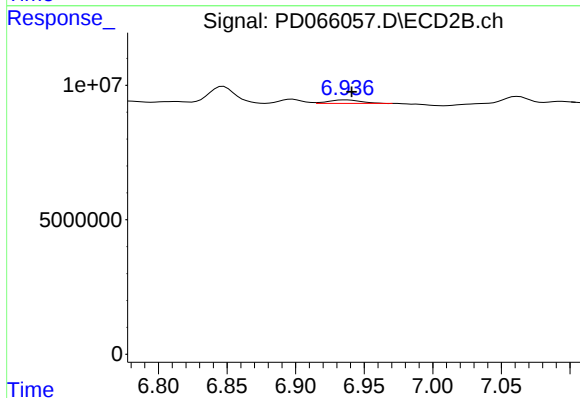
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 264792736
Conc: 53.71 ng/ml



#15 Endosulfan II

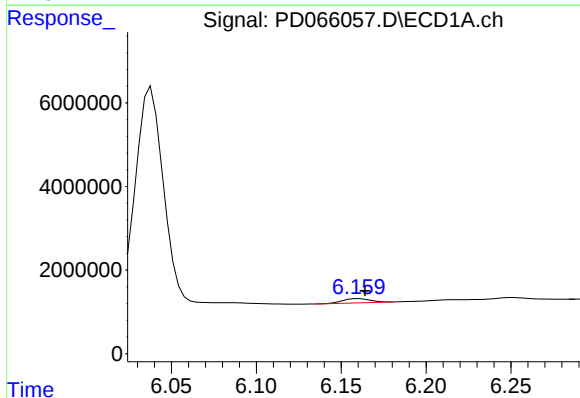
R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 1085030
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



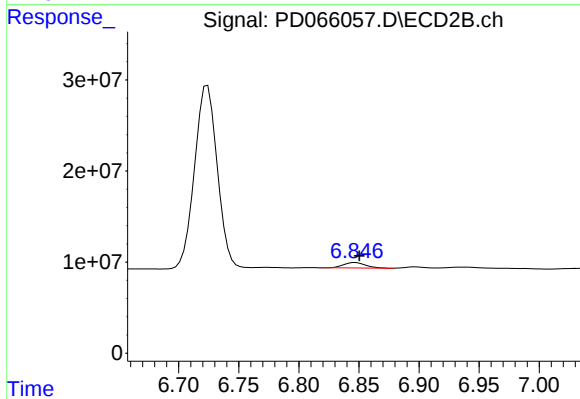
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 2074279
Conc: 0.43 ng/ml



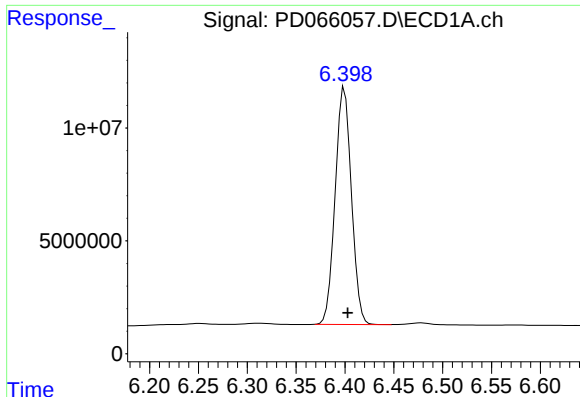
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 1127385
Conc: 1.15 ng/ml



#16 4,4'-DDD

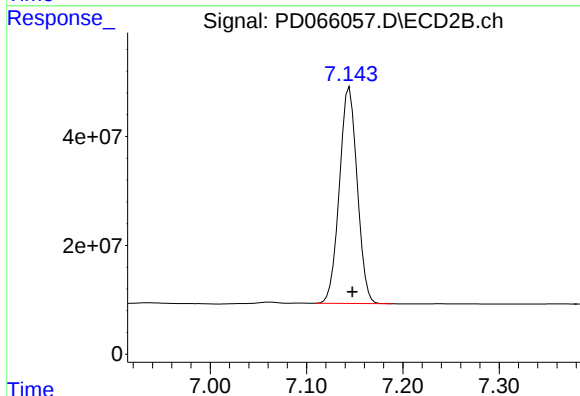
R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 7583348
Conc: 1.54 ng/ml



#17 4,4'-DDT

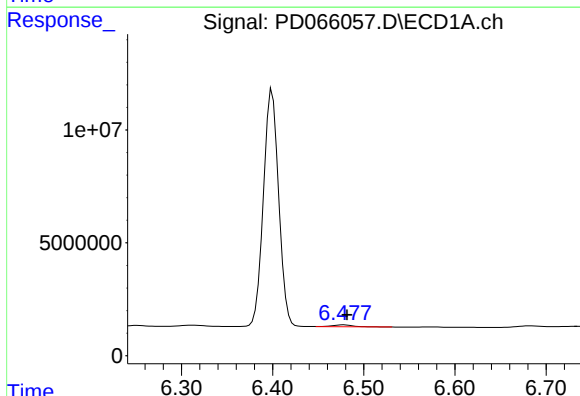
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 121859816
Conc: 110.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



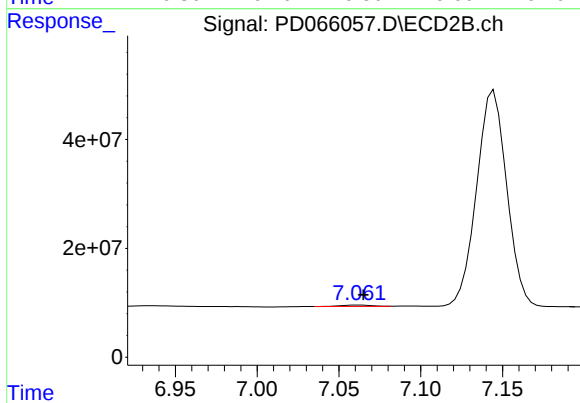
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 509441798
Conc: 100.85 ng/ml



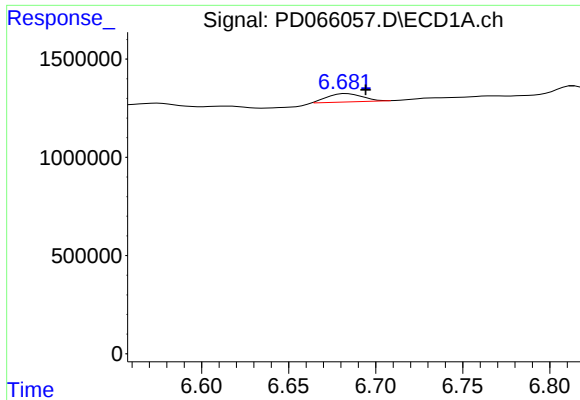
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.004 min
Response: 1321476
Conc: 1.49 ng/ml



#18 Endrin aldehyde

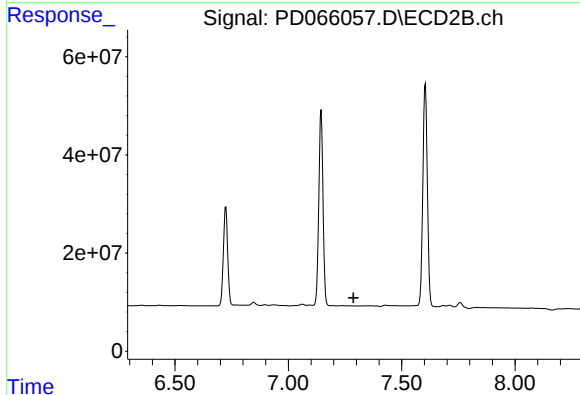
R.T.: 7.062 min
Delta R.T.: -0.003 min
Response: 3093936
Conc: 0.79 ng/ml



#19 Endosulfan Sulfate

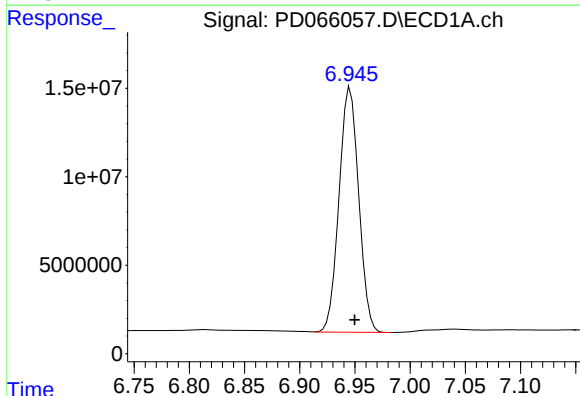
R.T.: 6.683 min
Delta R.T.: -0.011 min
Response: 589311
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



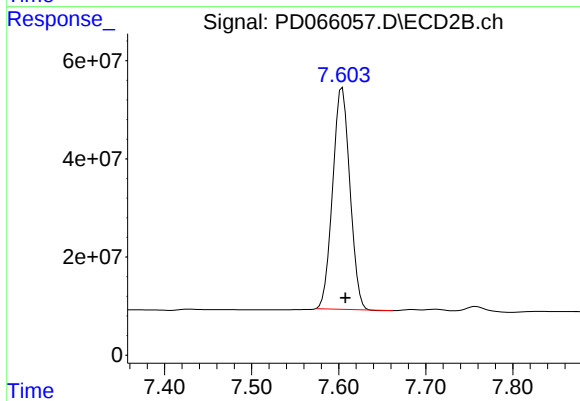
#19 Endosulfan Sulfate

R.T.: 7.300 min
Delta R.T.: 0.012 min
Response: -24936
Conc: N.D.



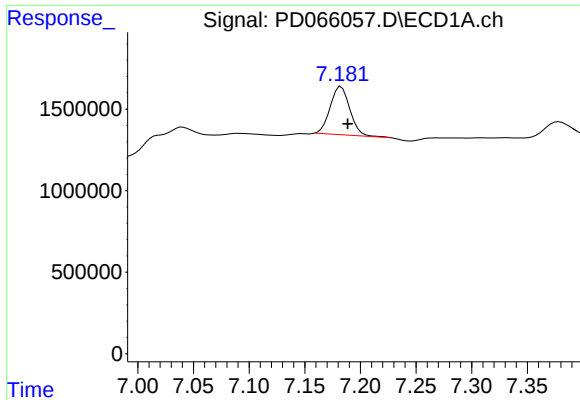
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: -0.004 min
Response: 171666118
Conc: 251.21 ng/ml



#20 Methoxychlor

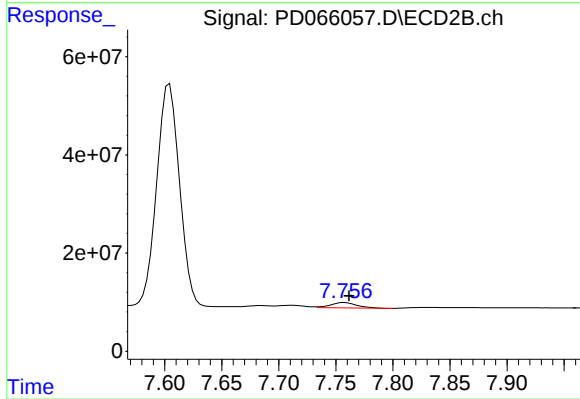
R.T.: 7.604 min
Delta R.T.: -0.003 min
Response: 621979778
Conc: 236.35 ng/ml



#21 Endrin ketone

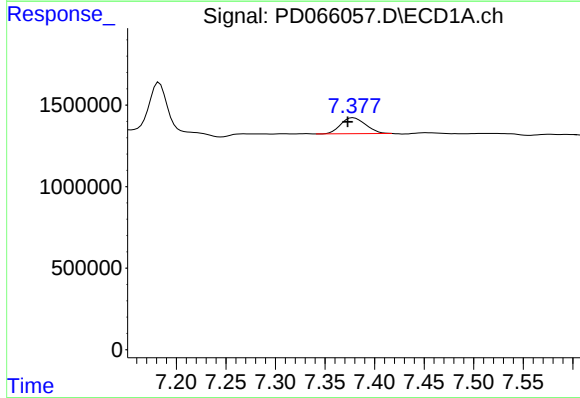
R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 3603060
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



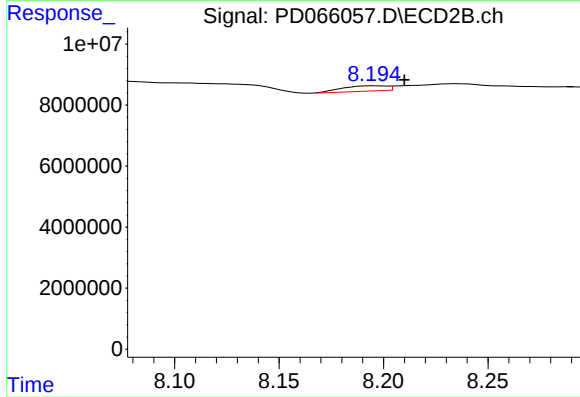
#21 Endrin ketone

R.T.: 7.758 min
Delta R.T.: -0.004 min
Response: 16915887
Conc: 2.97 ng/ml



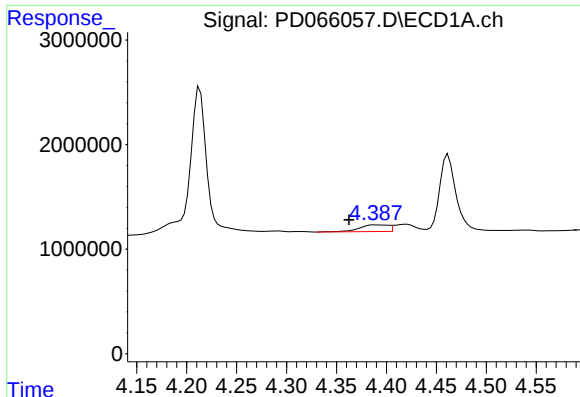
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.006 min
Response: 1725277
Conc: 1.43 ng/ml



#22 Mirex

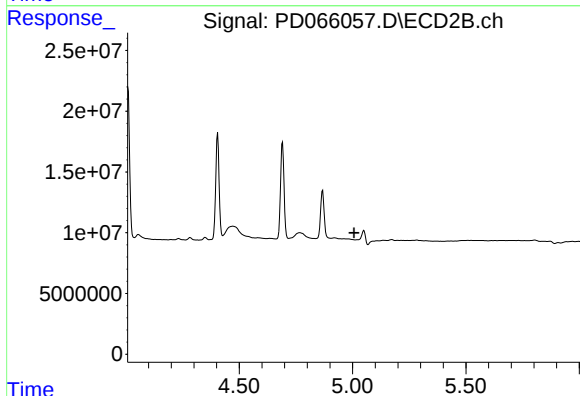
R.T.: 8.196 min
Delta R.T.: -0.014 min
Response: 2607741
Conc: 0.66 ng/ml



#23 Chlordane-1

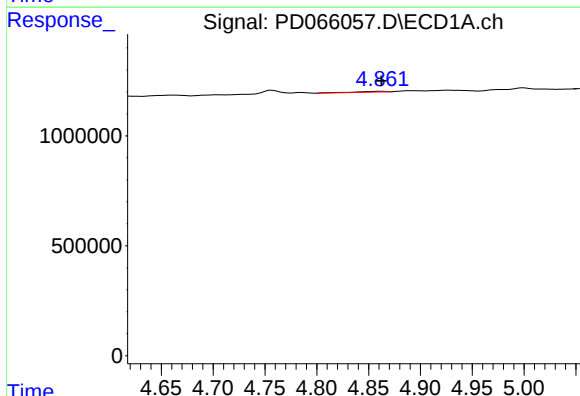
R.T.: 4.388 min
Delta R.T.: 0.026 min
Response: 1301694
Conc: 38.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



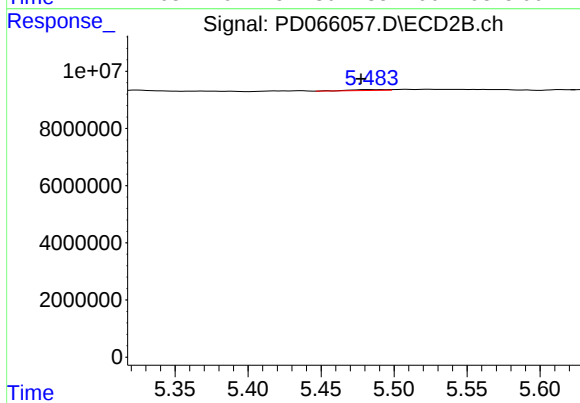
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



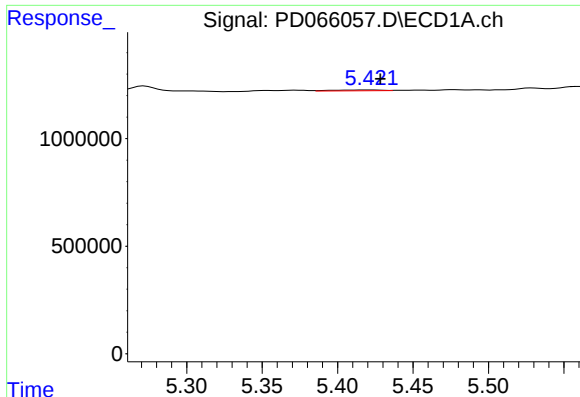
#24 Chlordane-2

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 67753
Conc: 1.67 ng/ml



#24 Chlordane-2

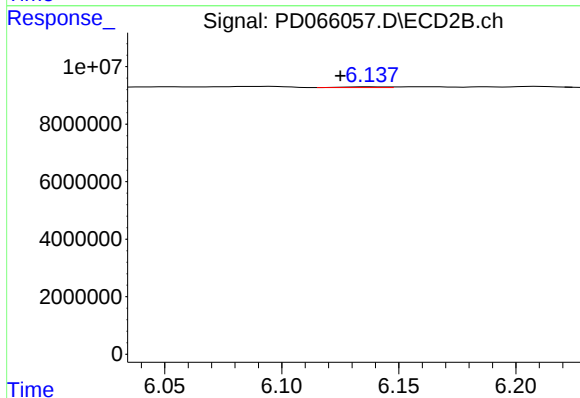
R.T.: 5.483 min
Delta R.T.: 0.006 min
Response: 498632
Conc: 2.16 ng/ml



#25 Chlordane-3

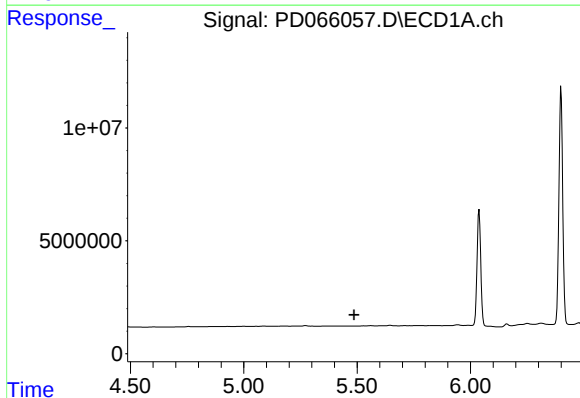
R.T.: 5.423 min
Delta R.T.: -0.005 min
Response: 95153
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



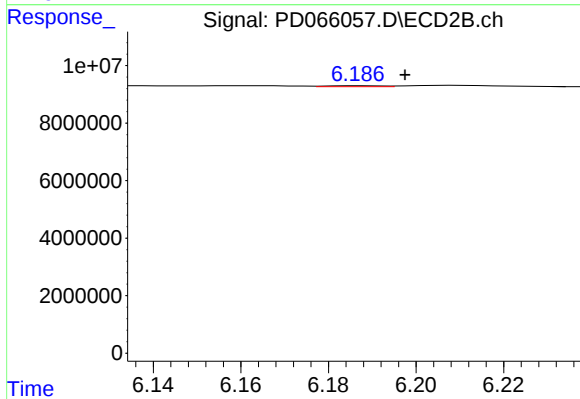
#25 Chlordane-3

R.T.: 6.139 min
Delta R.T.: 0.014 min
Response: 328035
Conc: 0.40 ng/ml



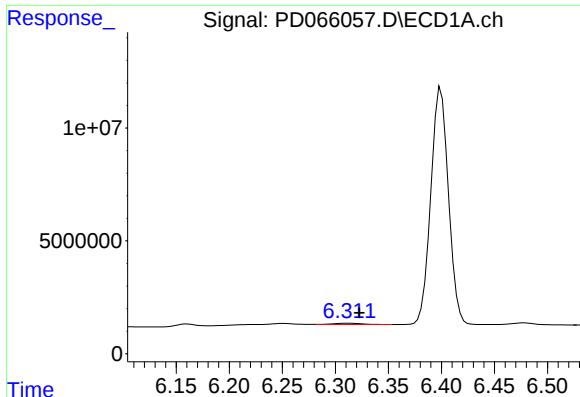
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#26 Chlordane-4

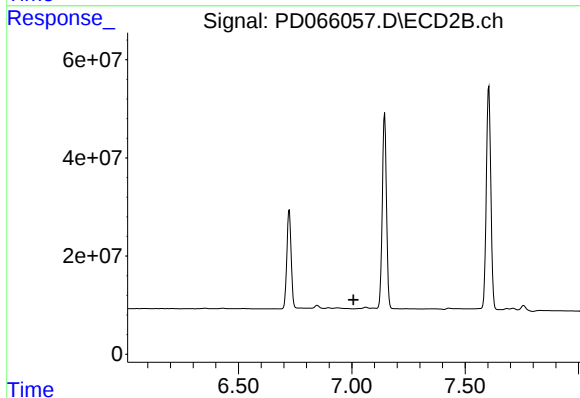
R.T.: 6.187 min
Delta R.T.: -0.010 min
Response: 277468
Conc: 0.29 ng/ml



#27 Chlordane-5

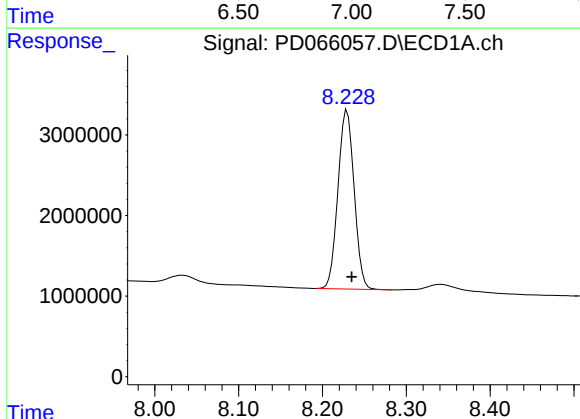
R.T.: 6.312 min
Delta R.T.: -0.010 min
Response: 1085030
Conc: 22.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



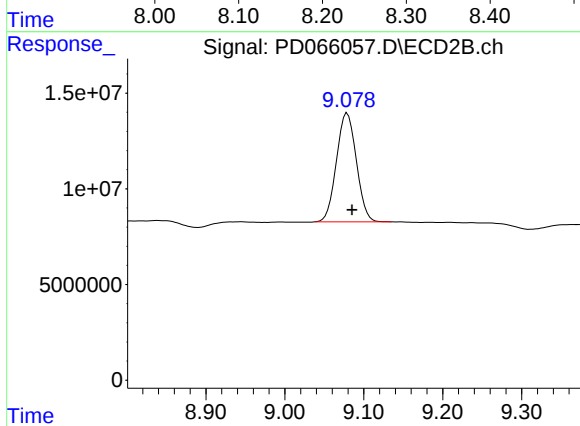
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 29727846
Conc: 21.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: -0.006 min
Response: 99683837
Conc: 25.76 ng/ml