

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100621\
 Data File : PD066034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2021 10:57
 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 06 22:22:26 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...	3.493	4.010	16462906	121.7E6	22.230	21.190
28)	SA Decachlor...	8.232	9.081	30960707	100.2E6	22.666	25.902
Target Compounds							
2)	A alpha-BHC	3.932	4.404	11537176	87485833	10.273	10.405
3)	MA gamma-BHC...	4.215	4.691	11964630	87418394	10.670	11.315
4)	MA Heptachlor	0.000	5.174f	0	1036658	N.D.	0.143 #
5)	MB Aldrin	4.759	5.486f	147905	596605	0.132	0.089 #
6)	B beta-BHC	4.464	4.868	7726368	46847670	13.534	12.676
7)	B delta-BHC	4.668	5.098	21569	656590	0.019	0.091 #
8)	B Heptachlo...	0.000	5.913f	0	1239666	N.D.	0.240 #
9)	A Endosulfan I	5.532	6.272f	62653	214441	0.058	0.039 #
10)	B gamma-Chl...	0.000	6.138	0	819351	N.D.	0.137 #
11)	B alpha-Chl...	0.000	6.211	0	903136	N.D.	0.150 #
12)	B 4,4'-DDE	5.648	6.352	304804	1505994	0.280	0.261
13)	MA Dieldrin	0.000	6.507	0	127674	N.D.	0.022 #
14)	MA Endrin	6.041	6.725	60247455	269.0E6	56.937	54.566
15)	B Endosulfa...	6.316	6.930	564457	1215474	0.522	0.251 #
16)	A 4,4'-DDD	6.164	6.849	368769	3005982	0.376	0.612 #
17)	MA 4,4'-DDT	6.403	7.145	127.5E6	517.3E6	115.861	102.406
18)	B Endrin al...	6.476	7.062	843801	772594	0.952	0.197 #
19)	B Endosulfa...	6.687	0.000	312975	0	0.274	N.D. #
20)	A Methoxychlor	6.948	7.605	181.5E6	647.6E6	265.568	246.069
21)	B Endrin ke...	7.185	7.758	1658186	8021372	1.177	1.407
22)	Mirex	7.381	8.210	859178	1694349	0.712	0.429 #
23)	Chlordane-1	4.337f	0.000	429729	0	12.829	N.D. #
24)	Chlordane-2	4.844f	5.486	12413	596605	0.306	2.579 #
25)	Chlordane-3	0.000	6.138	0	819351	N.D.	0.999 #
26)	Chlordane-4	0.000	6.211	0	903136	N.D.	0.942 #
27)	Chlordane-5	6.316	7.020	564457	-42045	11.614	N.D. #

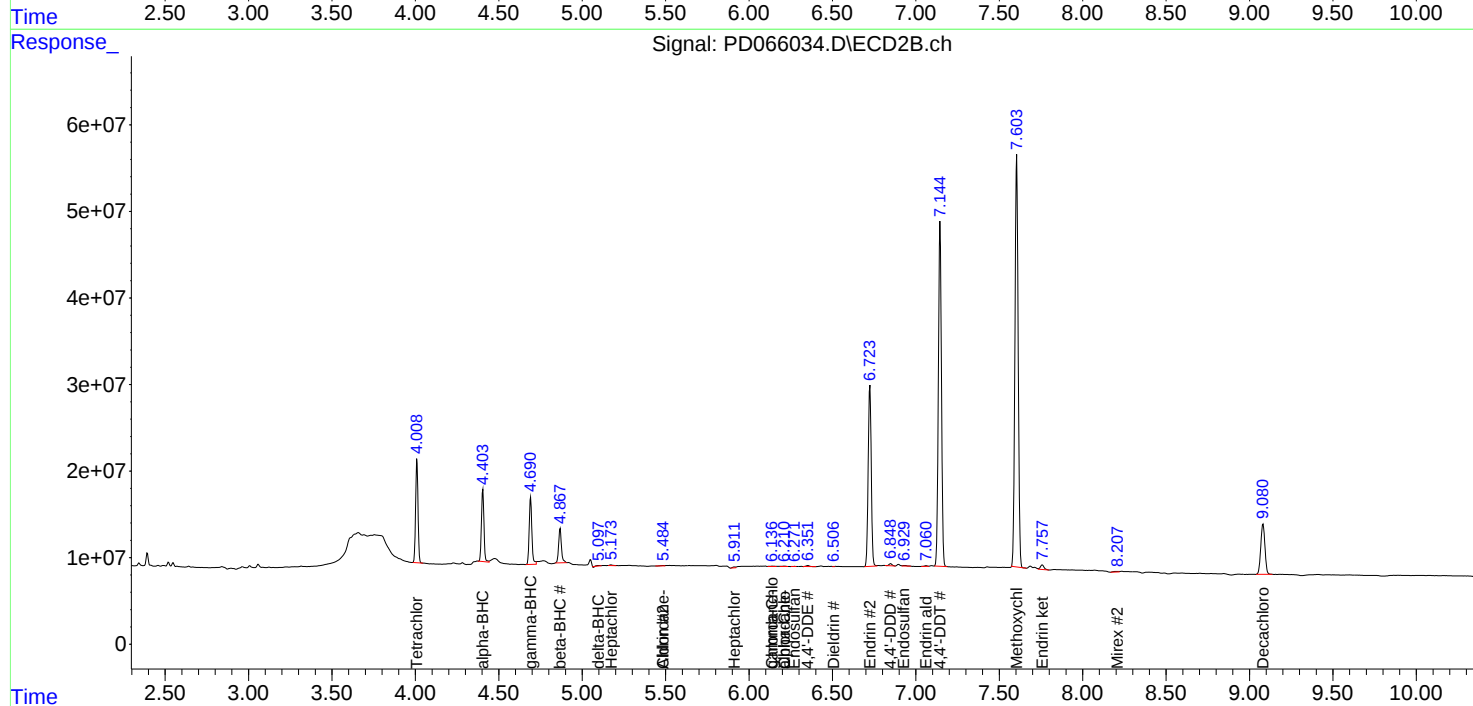
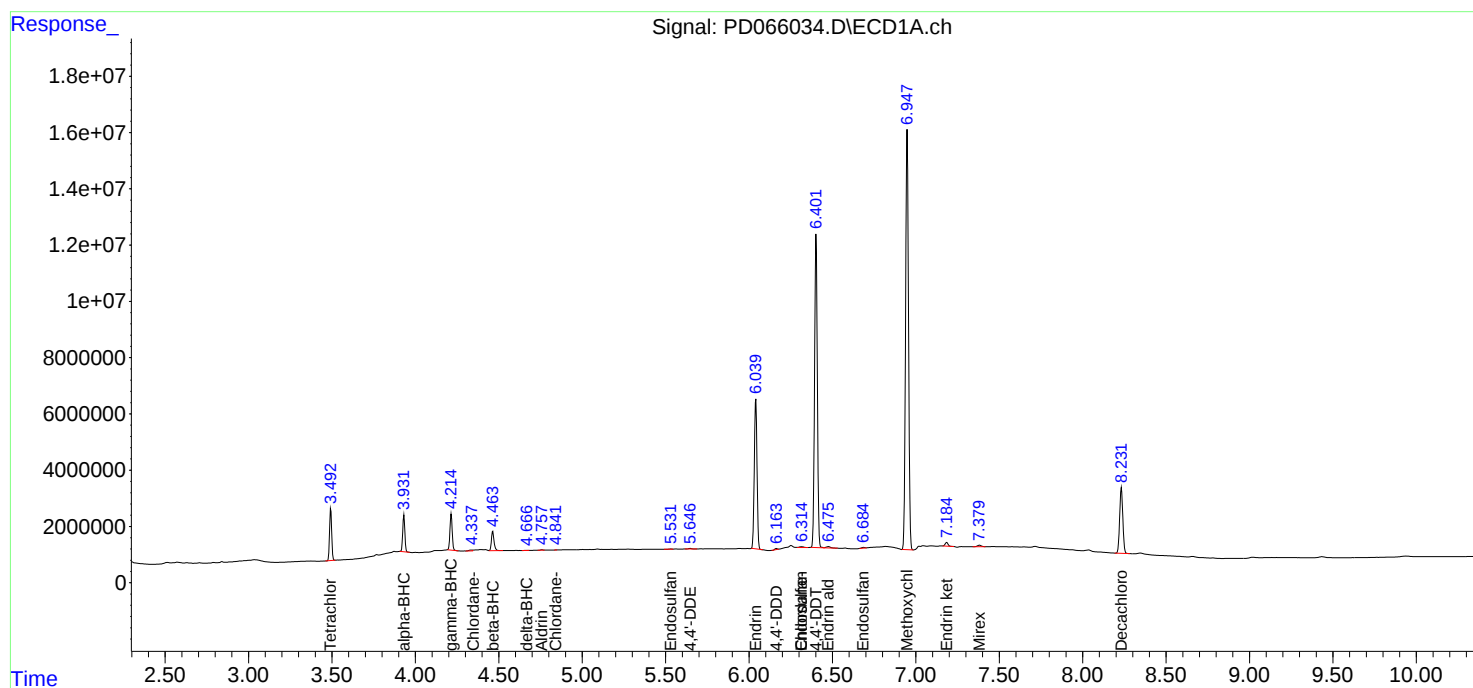
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

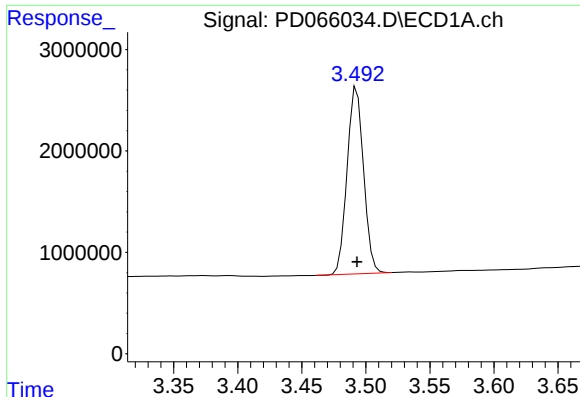
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100621\
Data File : PD066034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2021 10:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 06 22:22:26 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

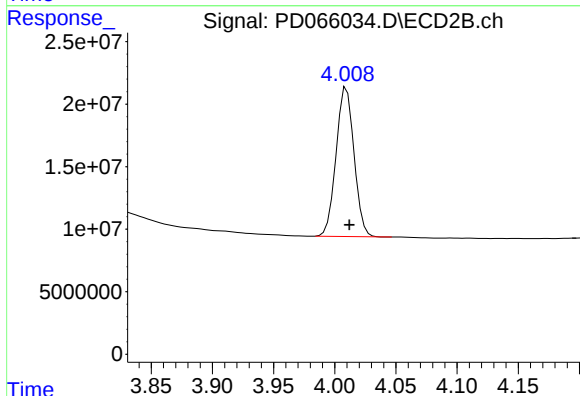




#1 Tetrachloro-m-xylene

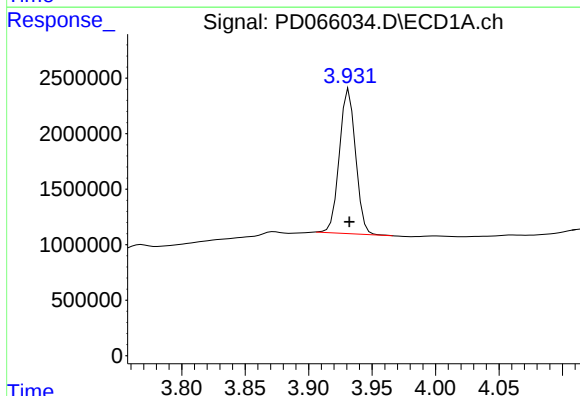
R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 16462906
Conc: 22.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



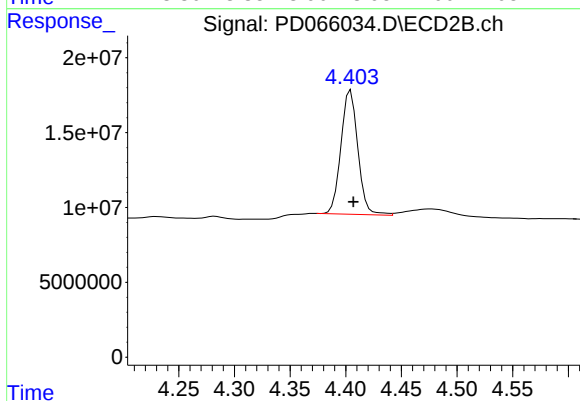
#1 Tetrachloro-m-xylene

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 121674014
Conc: 21.19 ng/ml



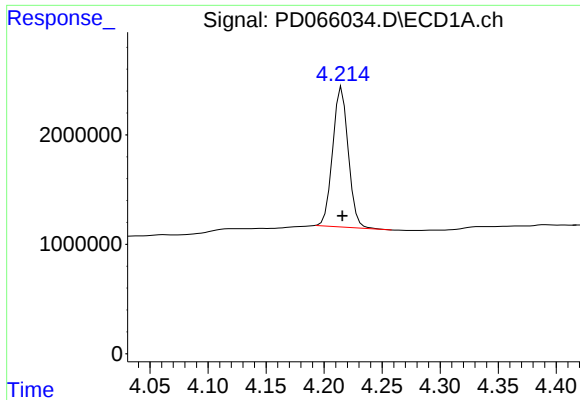
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 11537176
Conc: 10.27 ng/ml



#2 alpha-BHC

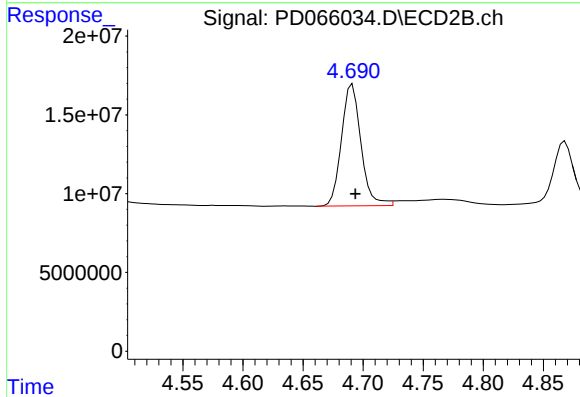
R.T.: 4.404 min
Delta R.T.: -0.003 min
Response: 87485833
Conc: 10.40 ng/ml



#3 gamma-BHC (Lindane)

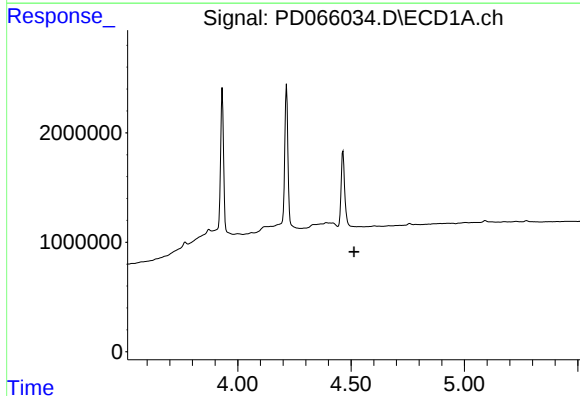
R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 11964630
Conc: 10.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



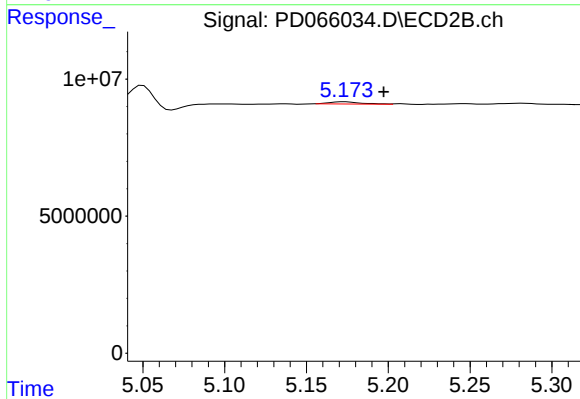
#3 gamma-BHC (Lindane)

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 87418394
Conc: 11.32 ng/ml



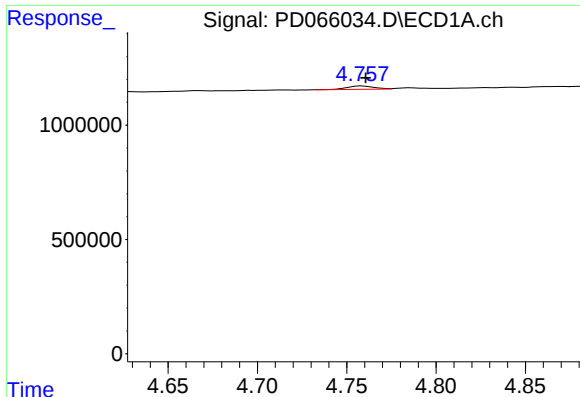
#4 Heptachlor

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



#4 Heptachlor

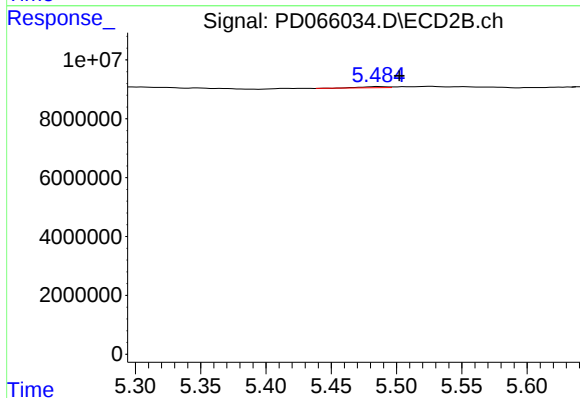
R.T.: 5.174 min
Delta R.T.: -0.023 min
Response: 1036658
Conc: 0.14 ng/ml



#5 Aldrin

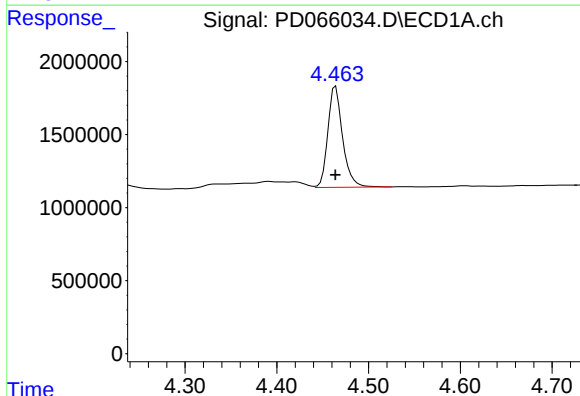
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 147905
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



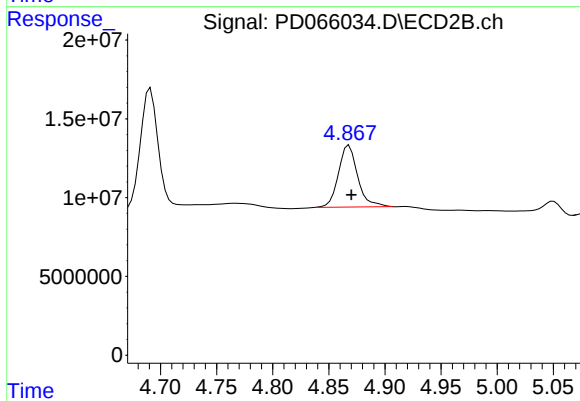
#5 Aldrin

R.T.: 5.486 min
Delta R.T.: -0.016 min
Response: 596605
Conc: 0.09 ng/ml



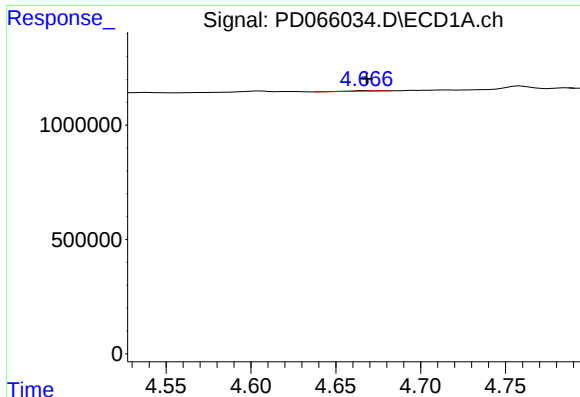
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 7726368
Conc: 13.53 ng/ml



#6 beta-BHC

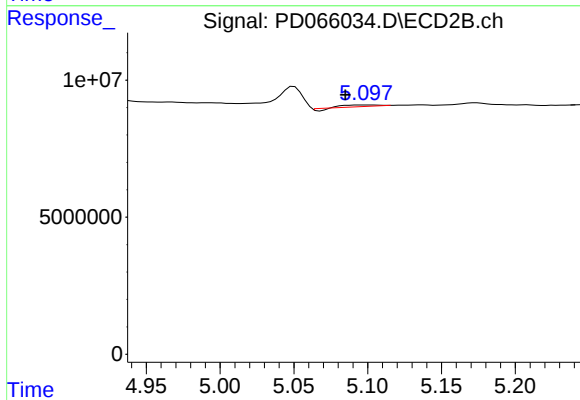
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 46847670
Conc: 12.68 ng/ml



#7 delta-BHC

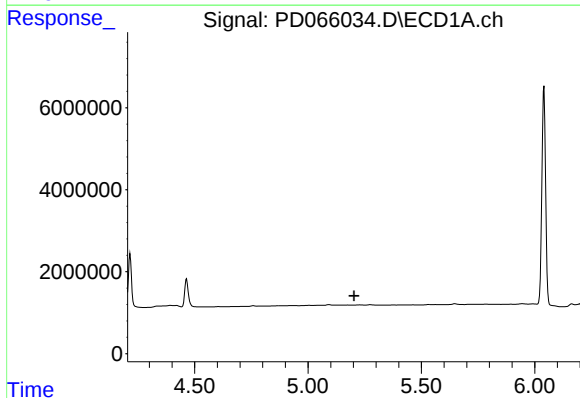
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 21569
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



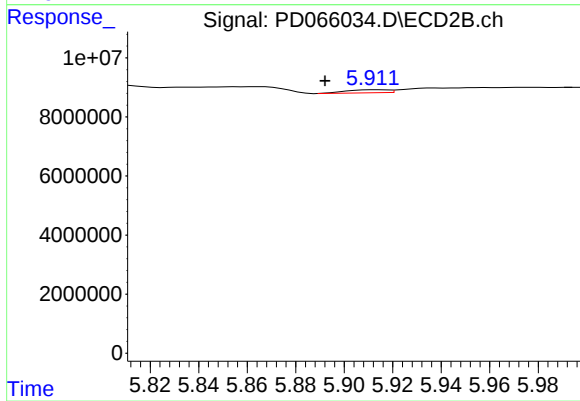
#7 delta-BHC

R.T.: 5.098 min
Delta R.T.: 0.013 min
Response: 656590
Conc: 0.09 ng/ml



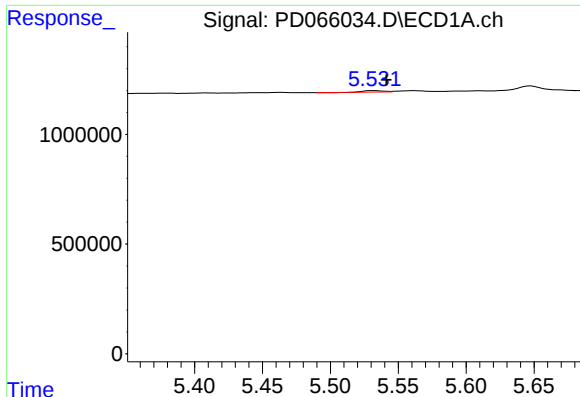
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

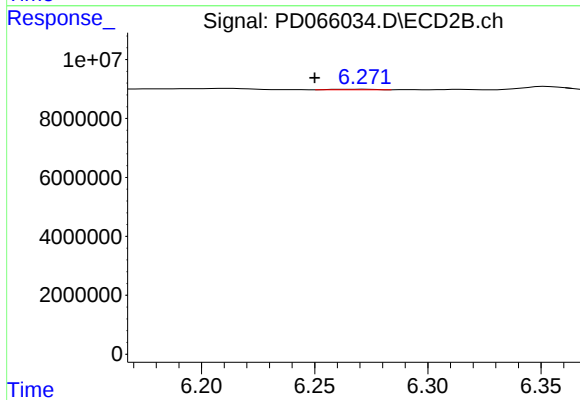
R.T.: 5.913 min
Delta R.T.: 0.021 min
Response: 1239666
Conc: 0.24 ng/ml



#9 Endosulfan I

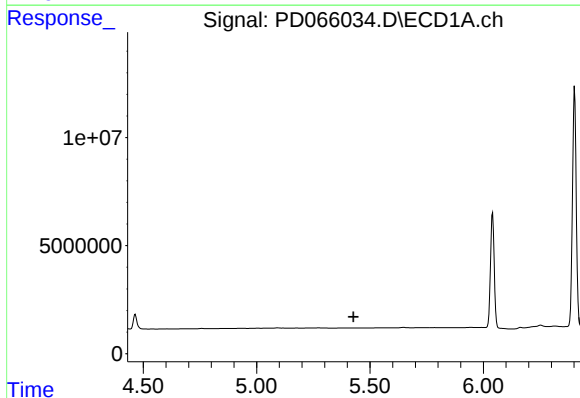
R.T.: 5.532 min
Delta R.T.: -0.009 min
Response: 62653
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



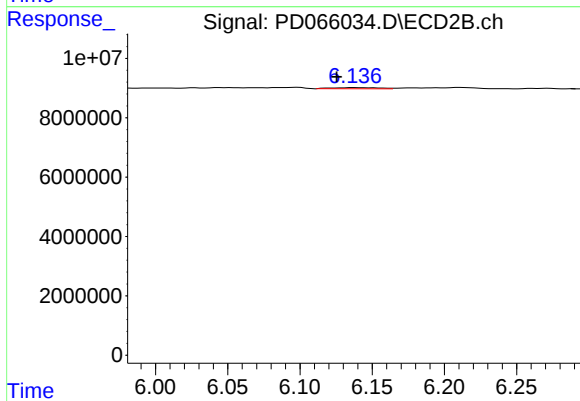
#9 Endosulfan I

R.T.: 6.272 min
Delta R.T.: 0.022 min
Response: 214441
Conc: 0.04 ng/ml



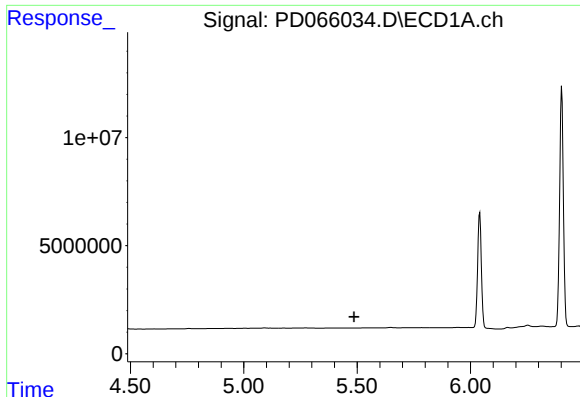
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.428 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

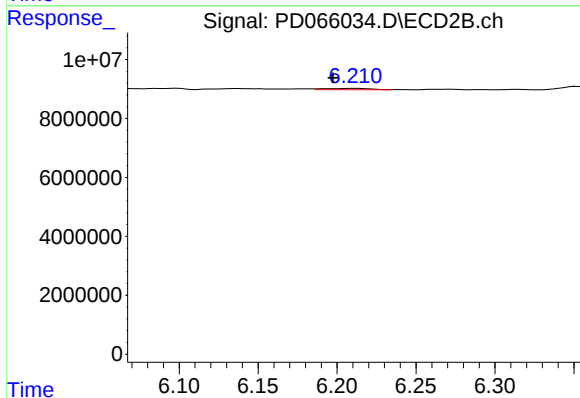
R.T.: 6.138 min
Delta R.T.: 0.012 min
Response: 819351
Conc: 0.14 ng/ml



#11 alpha-Chlordane

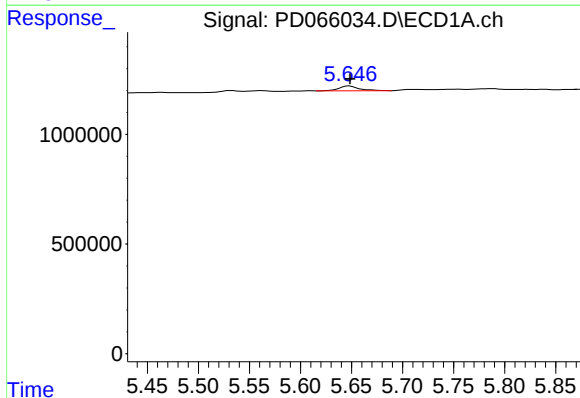
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



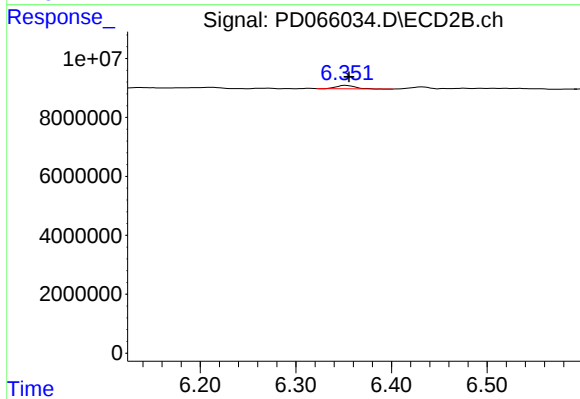
#11 alpha-Chlordane

R.T.: 6.211 min
Delta R.T.: 0.014 min
Response: 903136
Conc: 0.15 ng/ml



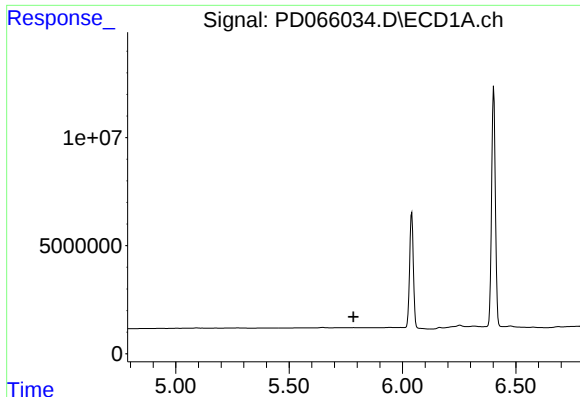
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 304804
Conc: 0.28 ng/ml



#12 4,4'-DDE

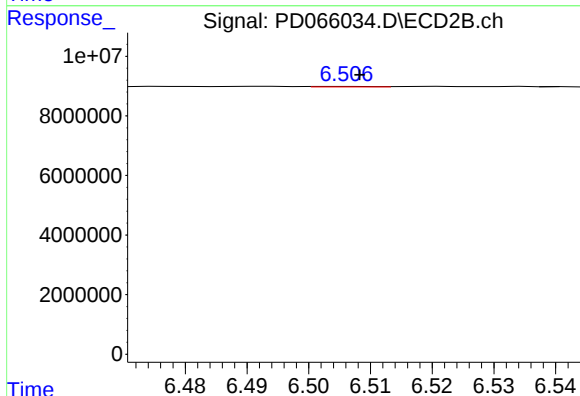
R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 1505994
Conc: 0.26 ng/ml



#13 Dieldrin

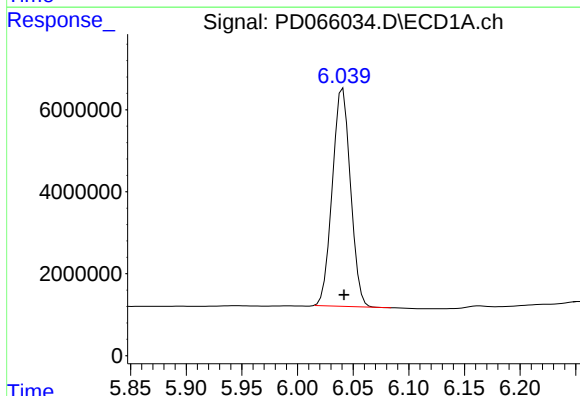
R.T.: 0.000 min
Exp R.T.: 5.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



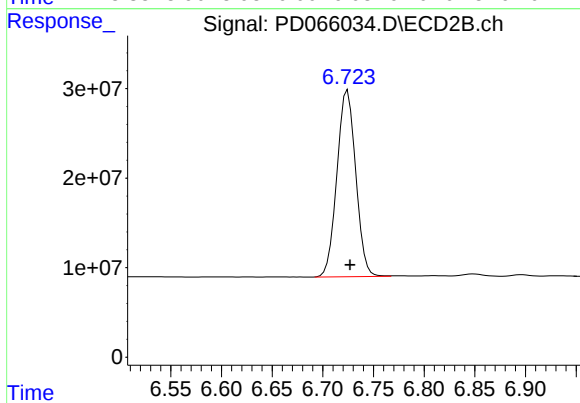
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 127674
Conc: 0.02 ng/ml



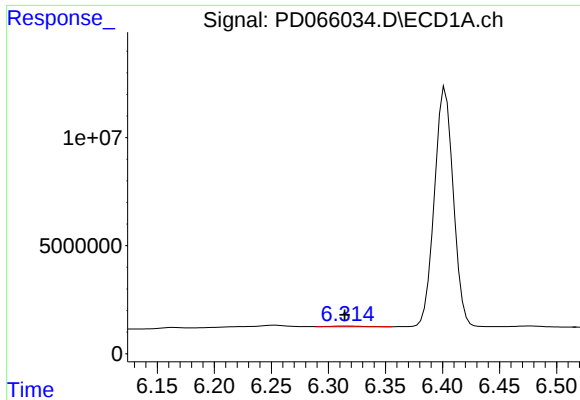
#14 Endrin

R.T.: 6.041 min
Delta R.T.: -0.001 min
Response: 60247455
Conc: 56.94 ng/ml



#14 Endrin

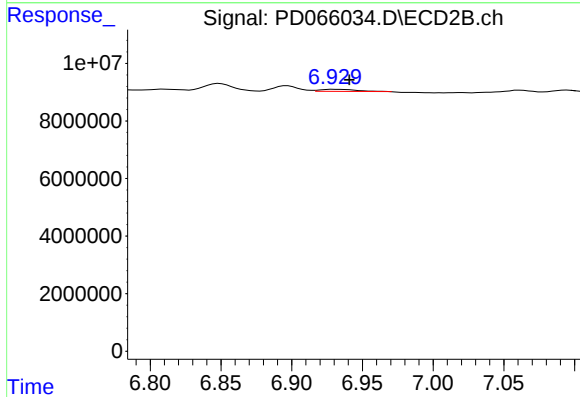
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 269016675
Conc: 54.57 ng/ml



#15 Endosulfan II

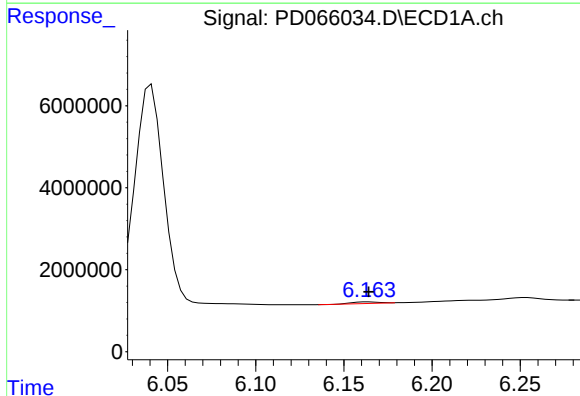
R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 564457
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



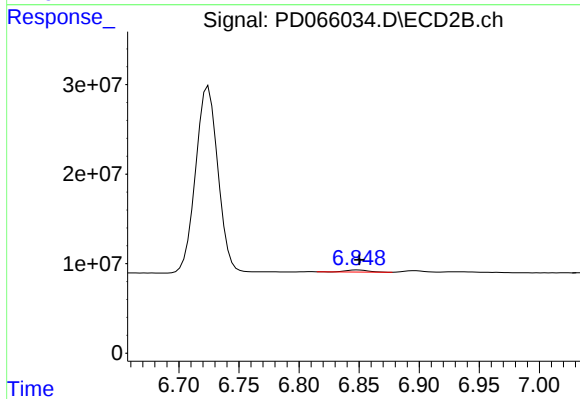
#15 Endosulfan II

R.T.: 6.930 min
Delta R.T.: -0.011 min
Response: 1215474
Conc: 0.25 ng/ml



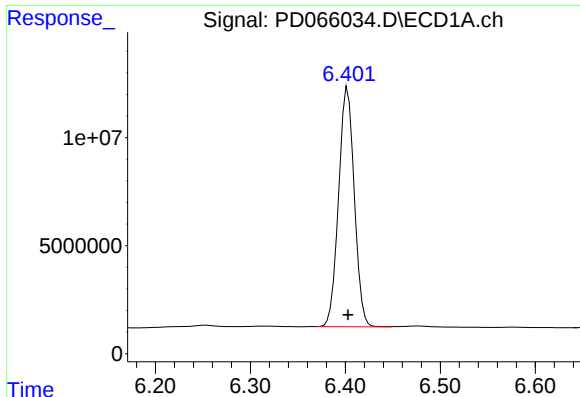
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 368769
Conc: 0.38 ng/ml



#16 4,4'-DDD

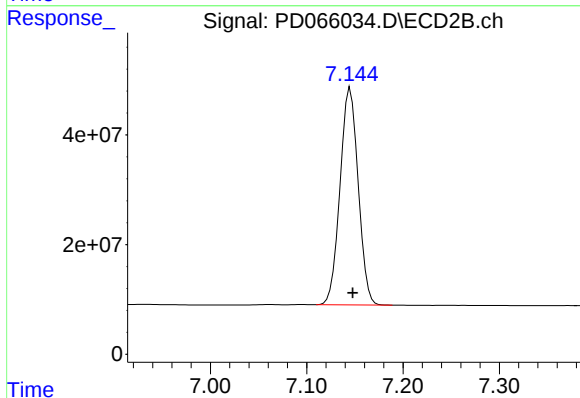
R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 3005982
Conc: 0.61 ng/ml



#17 4,4'-DDT

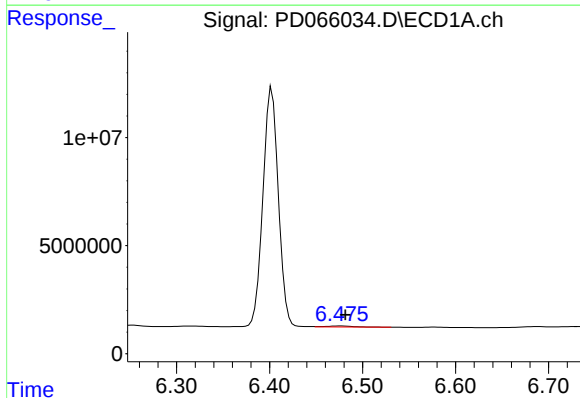
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 127527527
Conc: 115.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



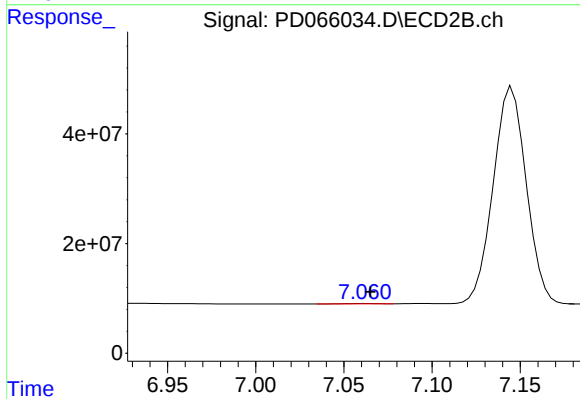
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 517290018
Conc: 102.41 ng/ml



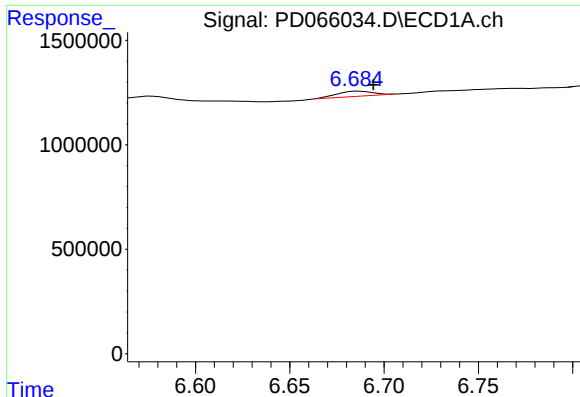
#18 Endrin aldehyde

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 843801
Conc: 0.95 ng/ml



#18 Endrin aldehyde

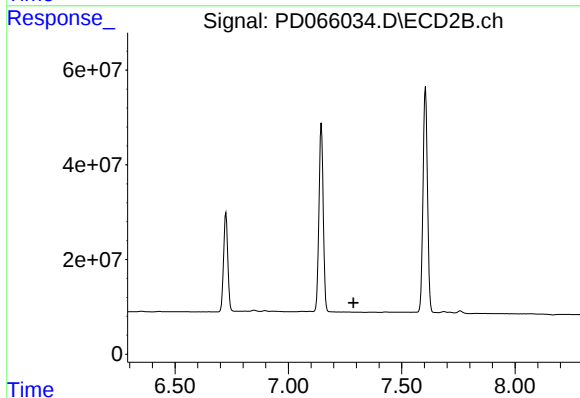
R.T.: 7.062 min
Delta R.T.: -0.003 min
Response: 772594
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

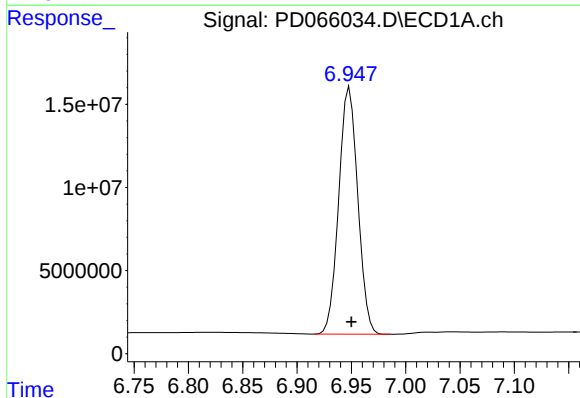
R.T.: 6.687 min
Delta R.T.: -0.007 min
Response: 312975
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



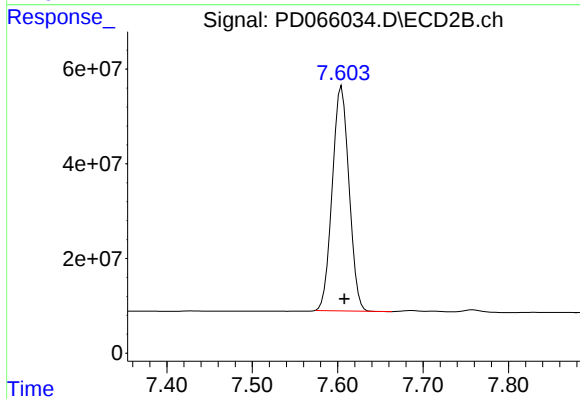
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.288 min
Response: 0
Conc: N.D.



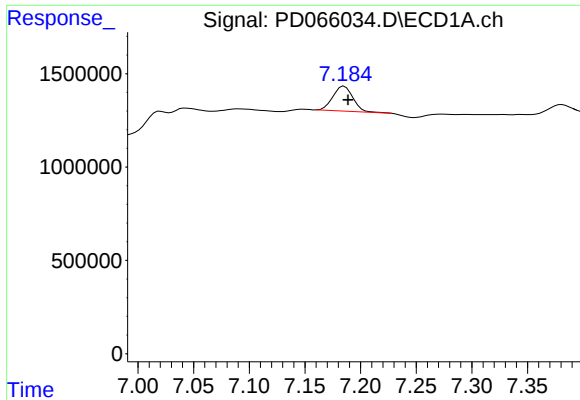
#20 Methoxychlor

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 181478358
Conc: 265.57 ng/ml



#20 Methoxychlor

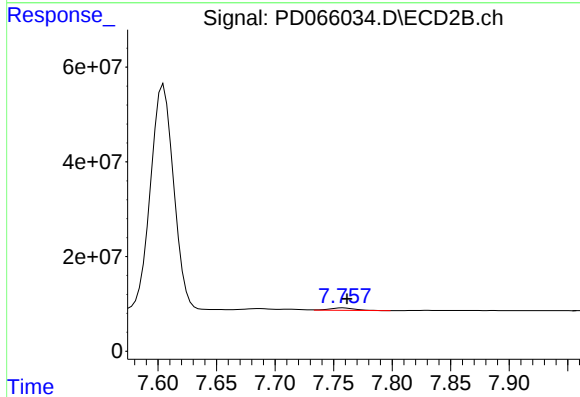
R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 647560121
Conc: 246.07 ng/ml



#21 Endrin ketone

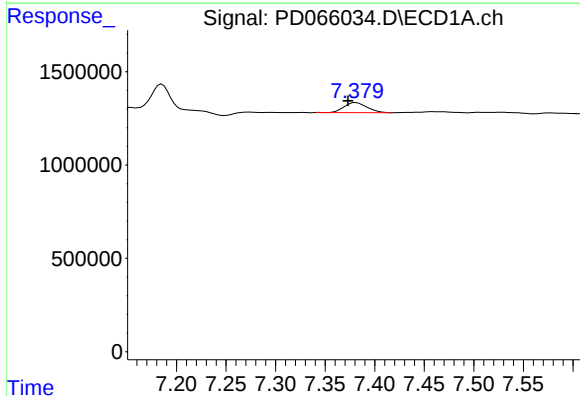
R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 1658186
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



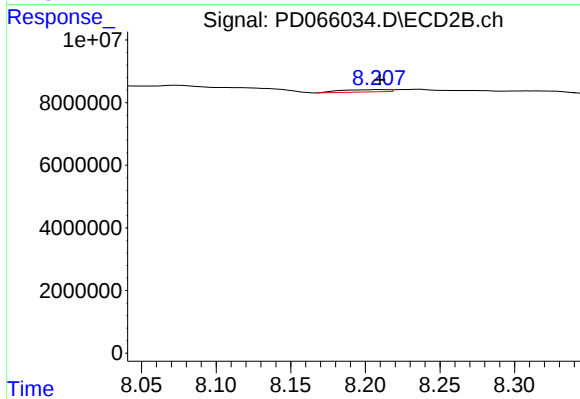
#21 Endrin ketone

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 8021372
Conc: 1.41 ng/ml



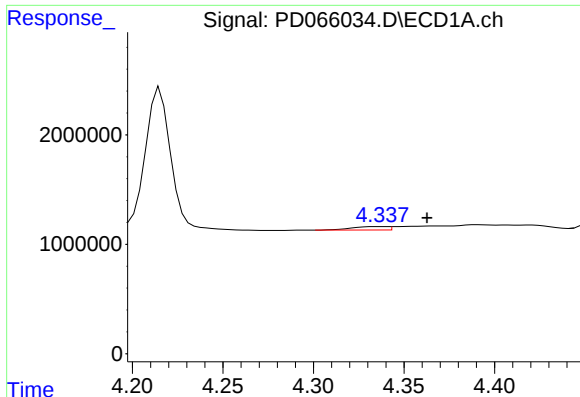
#22 Mirex

R.T.: 7.381 min
Delta R.T.: 0.008 min
Response: 859178
Conc: 0.71 ng/ml



#22 Mirex

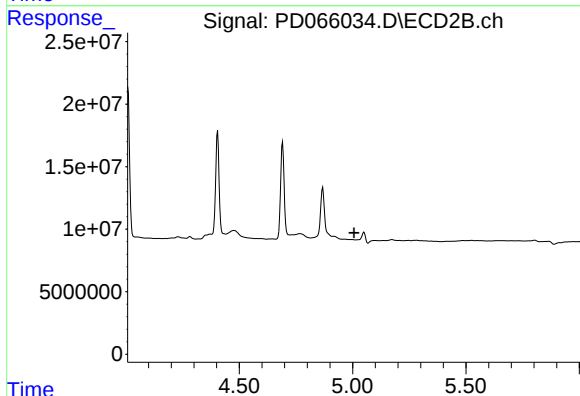
R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 1694349
Conc: 0.43 ng/ml



#23 Chlordane-1

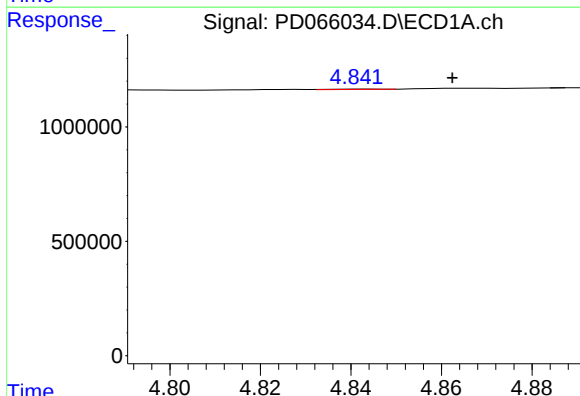
R.T.: 4.337 min
Delta R.T.: -0.025 min
Response: 429729
Conc: 12.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



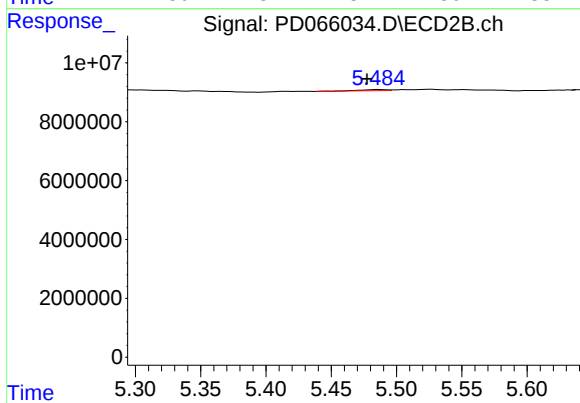
#23 Chlordane-1

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



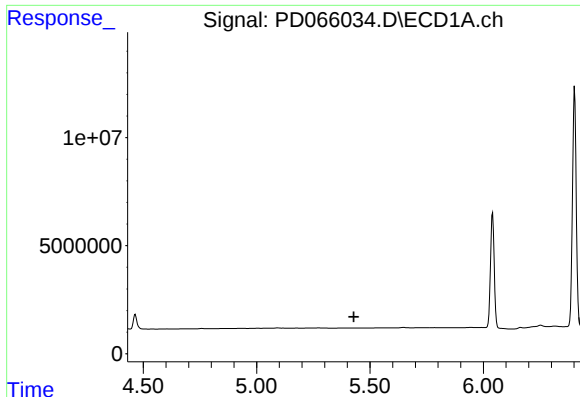
#24 Chlordane-2

R.T.: 4.844 min
Delta R.T.: -0.019 min
Response: 12413
Conc: 0.31 ng/ml



#24 Chlordane-2

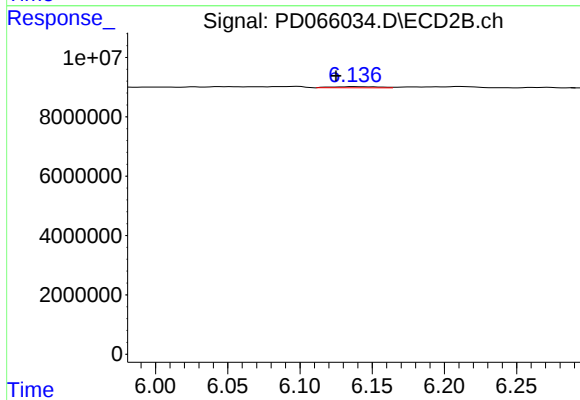
R.T.: 5.486 min
Delta R.T.: 0.009 min
Response: 596605
Conc: 2.58 ng/ml



#25 Chlordane-3

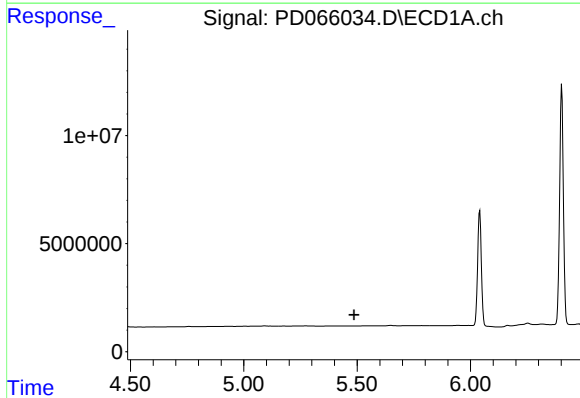
R.T.: 0.000 min
Exp R.T.: 5.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



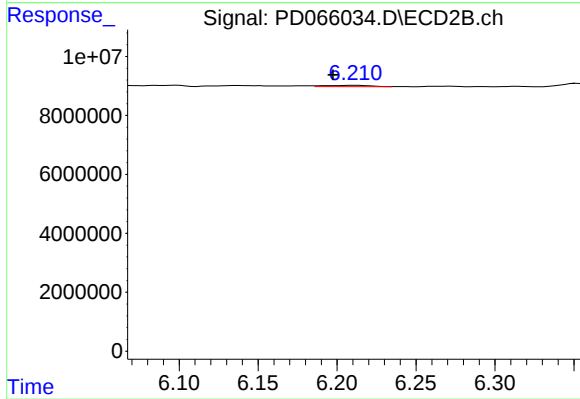
#25 Chlordane-3

R.T.: 6.138 min
Delta R.T.: 0.013 min
Response: 819351
Conc: 1.00 ng/ml



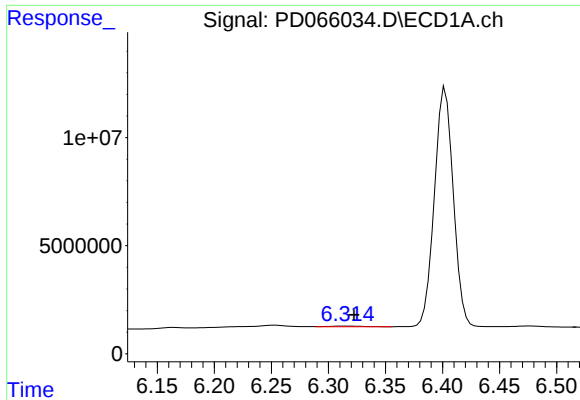
#26 Chlordane-4

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



#26 Chlordane-4

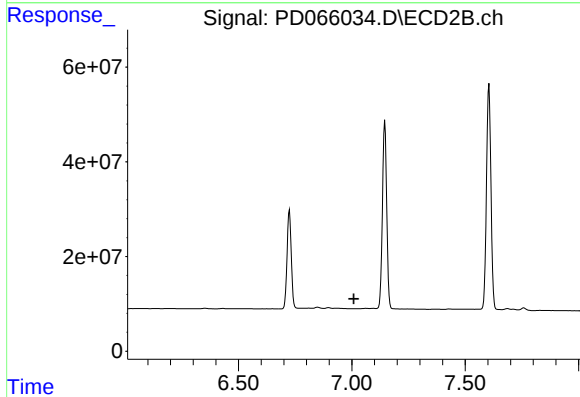
R.T.: 6.211 min
Delta R.T.: 0.014 min
Response: 903136
Conc: 0.94 ng/ml



#27 Chlordane-5

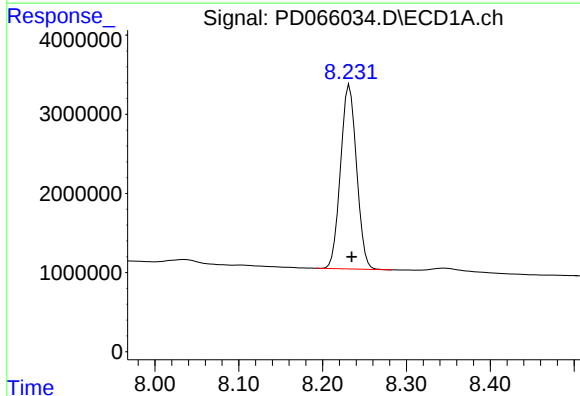
R.T.: 6.316 min
Delta R.T.: -0.007 min
Response: 564457
Conc: 11.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



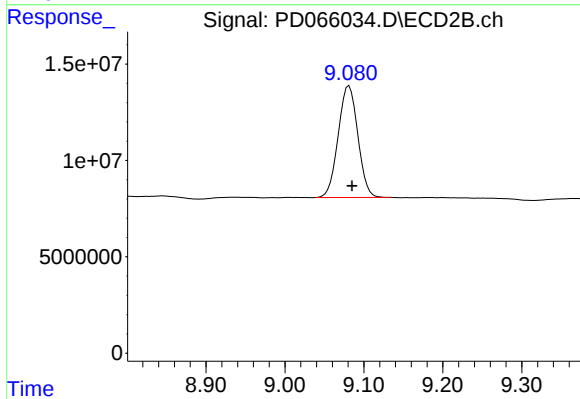
#27 Chlordane-5

R.T.: 7.020 min
Delta R.T.: 0.012 min
Response: -42045
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: -0.003 min
Response: 30960707
Conc: 22.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.004 min
Response: 100245049
Conc: 25.90 ng/ml