

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031121\
 Data File : PD061525.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2021 09:15
 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: Mar 12 07:32:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 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...	3.487	3.982	18404858	186.5E6	22.961	22.348
28)	SA Decachlor...	8.258	9.037	27416712	192.7E6	22.735	22.329
Target Compounds							
2)	A alpha-BHC	3.926	4.370	12969350	141.9E6	10.524	10.947
3)	MA gamma-BHC...	4.211	4.654	12870033	137.2E6	10.934	11.306
4)	MA Heptachlor	0.000	5.165	0	429729	N.D.	0.034 #
5)	MB Aldrin	4.758	5.471	119076	1175650	0.102	0.098
6)	B beta-BHC	4.461	4.823	7535422	58352126	14.252	11.965
7)	B delta-BHC	0.000	5.016f	0	25793113	N.D.	2.151 #
8)	B Heptachlo...	0.000	5.846	0	24682581	N.D.	2.268 #
9)	A Endosulfan I	0.000	6.215	0	4736435	N.D.	0.455 #
10)	B gamma-Chl...	0.000	6.094	0	6836571	N.D.	0.605 #
11)	B alpha-Chl...	0.000	6.181f	0	4607632	N.D.	0.423 #
12)	B 4,4'-DDE	5.657	6.314	1614569	6645667	1.470	0.598 #
13)	MA Dieldrin	0.000	6.480	0	2839284	N.D.	0.257 #
14)	MA Endrin	6.051	6.683	52258999	453.9E6	49.482	48.424
15)	B Endosulfa...	6.321	6.897	1016641	7486845	1.017	0.837
16)	A 4,4'-DDD	6.175	6.804	2210889	26416126	2.379	2.950
17)	MA 4,4'-DDT	6.417	7.103	109.6E6	933.9E6	110.200	100.965
18)	B Endrin al...	6.492	7.015	2780020	18613585	3.366	2.591
19)	B Endosulfa...	6.706	7.232	272322	3494111	0.262	0.379 #
20)	A Methoxychlor	6.963	7.560	140.4E6	1068.3E6	249.055	230.916
21)	B Endrin ke...	7.199	7.709	6117705	39209212	4.951	4.250
22)	Mirex	7.397	8.185f	936866	509892	0.945	0.084 #
23)	Chlordane-1	4.390f	4.967	539773	996137	14.947	2.404 #
24)	Chlordane-2	0.000	5.471f	0	1175650	N.D.	2.924 #
25)	Chlordane-3	0.000	6.094	0	6836571	N.D.	3.929 #
26)	Chlordane-4	0.000	6.181f	0	4607632	N.D.	2.285 #
27)	Chlordane-5	6.321	6.952	1016641	1220747	20.991	3.204 #

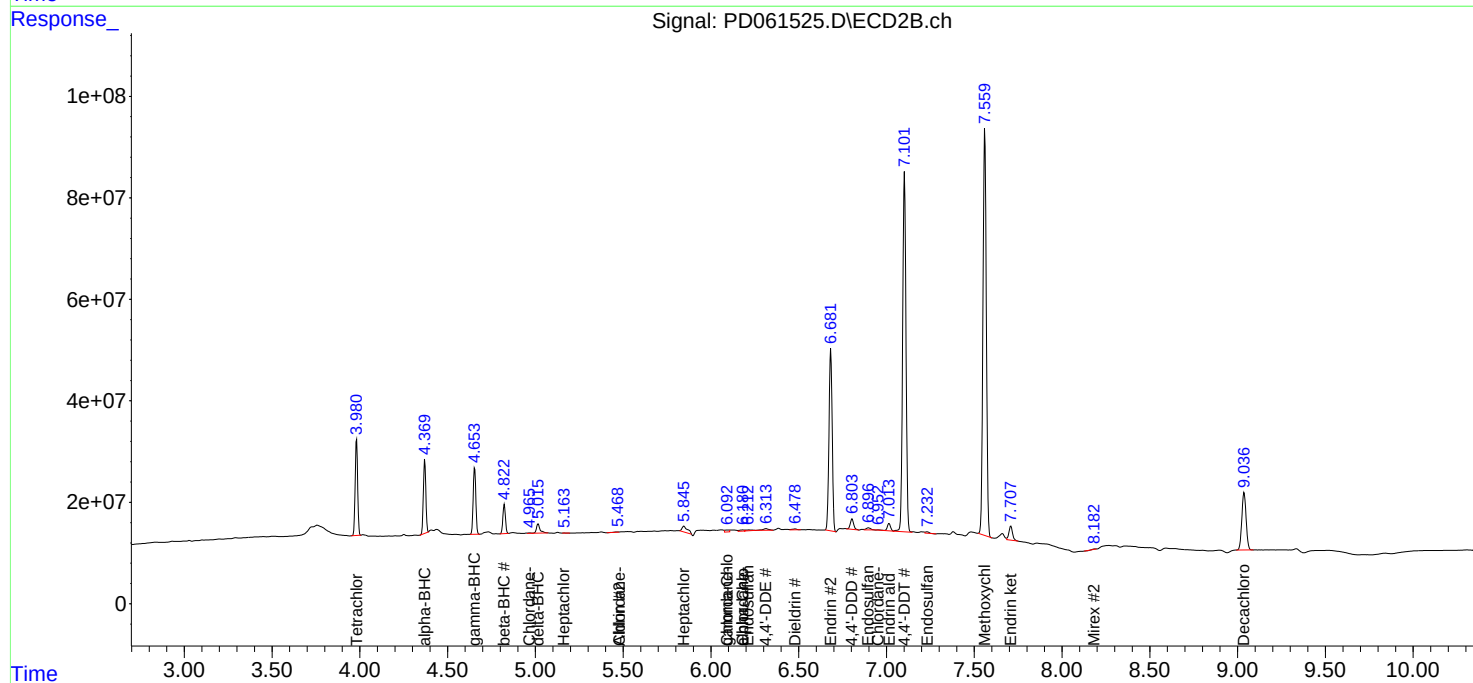
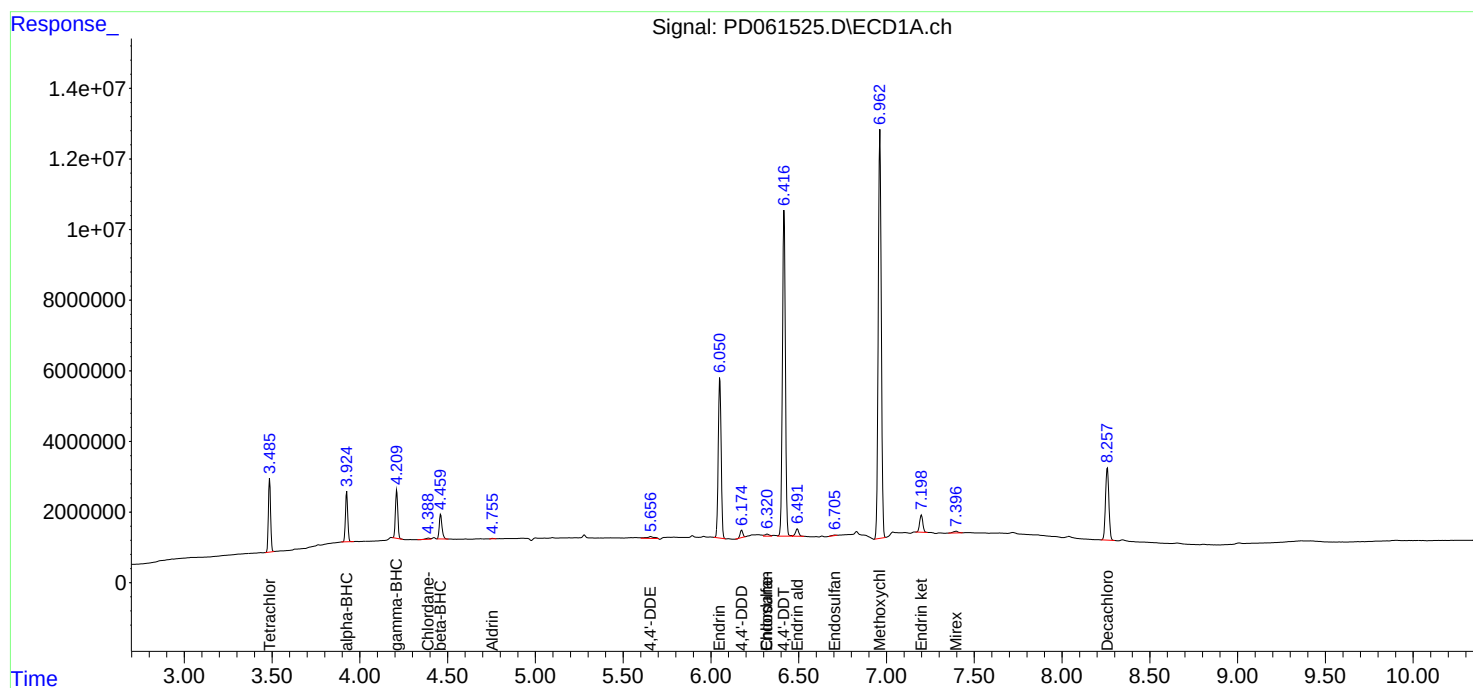
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

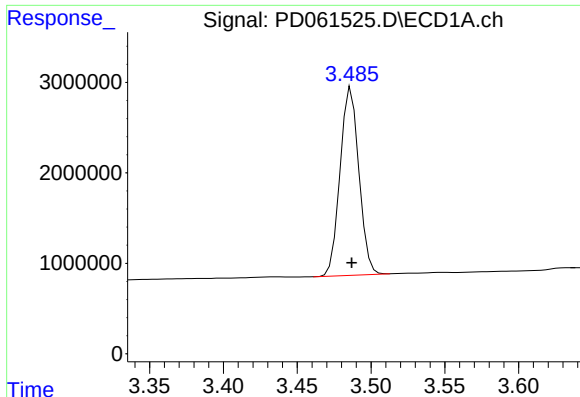
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031121\
Data File : PD061525.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2021 09:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 07:32:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
Quant Title : GC Extractables
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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

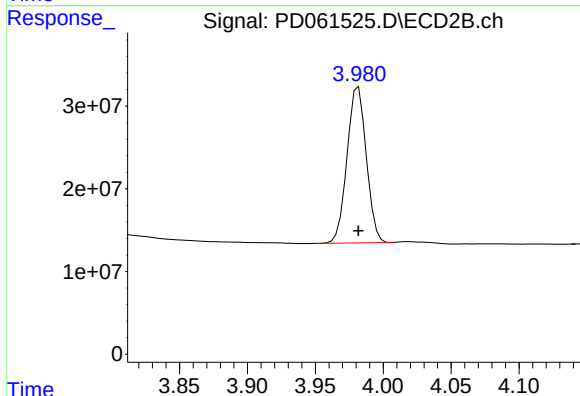




#1 Tetrachloro-m-xylene

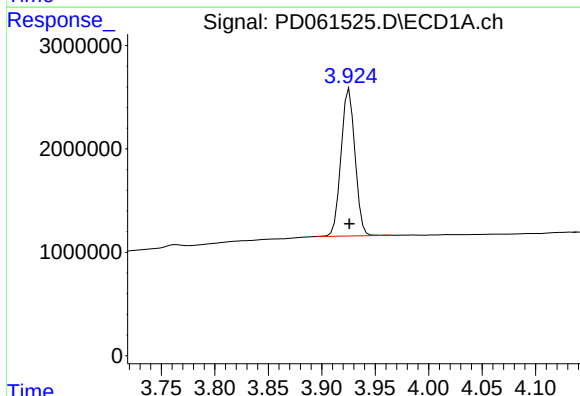
R.T.: 3.487 min
Delta R.T.: 0.000 min
Response: 18404858
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



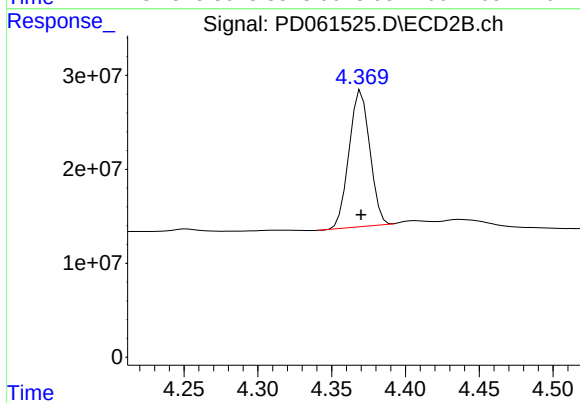
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 186452971
Conc: 22.35 ng/ml



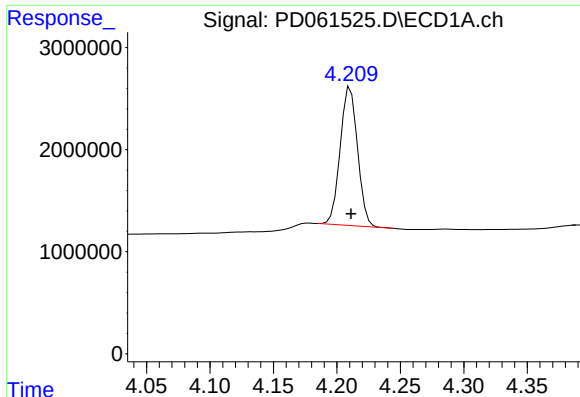
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 12969350
Conc: 10.52 ng/ml



#2 alpha-BHC

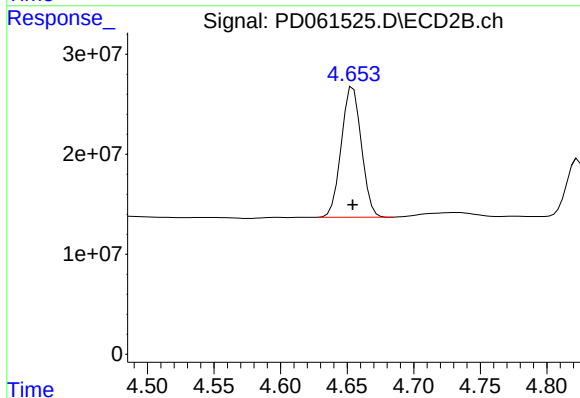
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 141890169
Conc: 10.95 ng/ml



#3 gamma-BHC (Lindane)

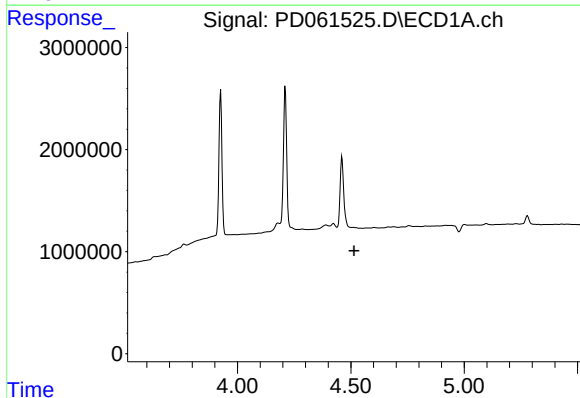
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 12870033
Conc: 10.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



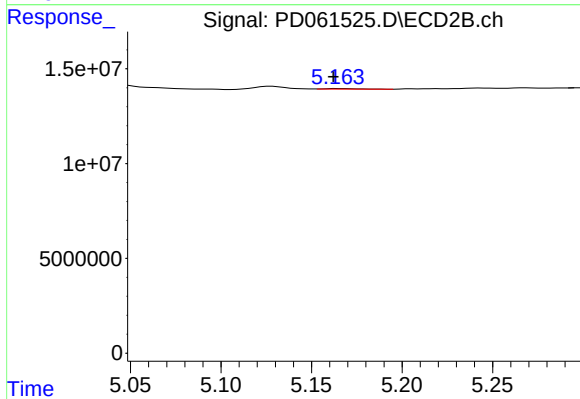
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 137169879
Conc: 11.31 ng/ml



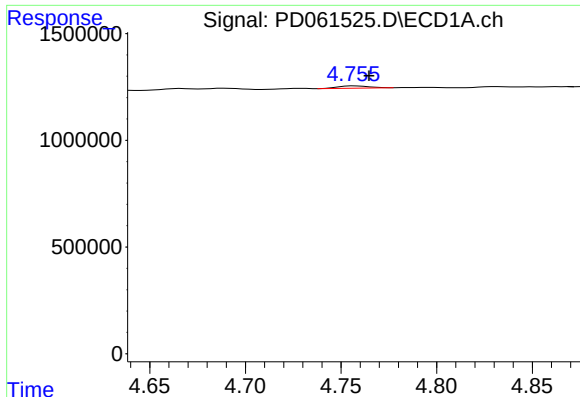
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



#4 Heptachlor

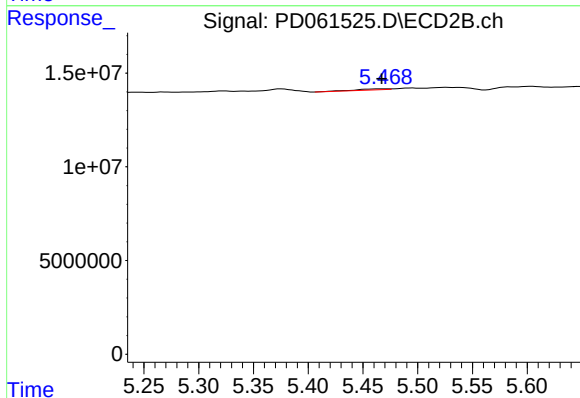
R.T.: 5.165 min
Delta R.T.: 0.003 min
Response: 429729
Conc: 0.03 ng/ml



#5 Aldrin

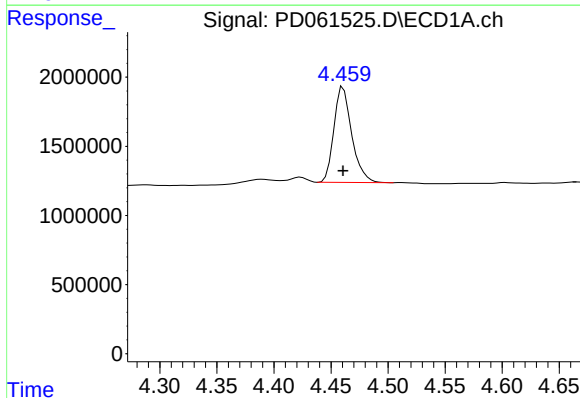
R.T.: 4.758 min
Delta R.T.: -0.007 min
Response: 119076
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



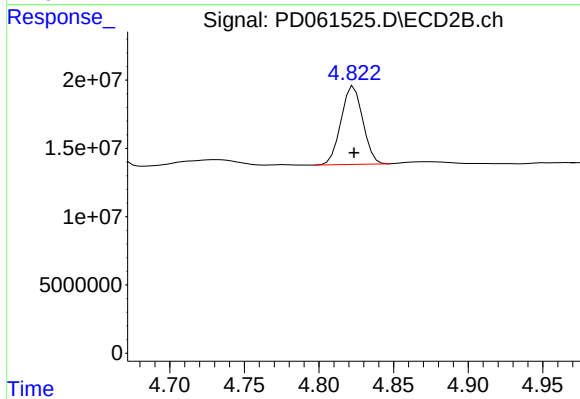
#5 Aldrin

R.T.: 5.471 min
Delta R.T.: 0.004 min
Response: 1175650
Conc: 0.10 ng/ml



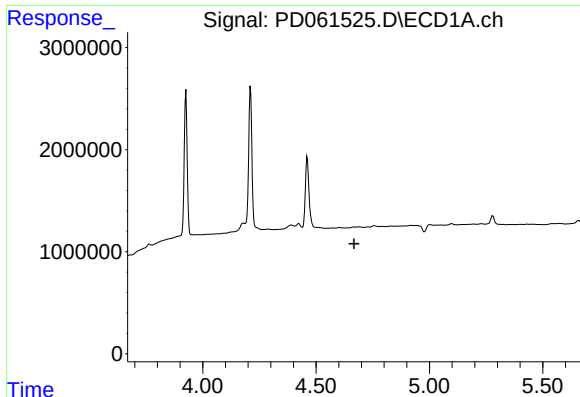
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 7535422
Conc: 14.25 ng/ml



#6 beta-BHC

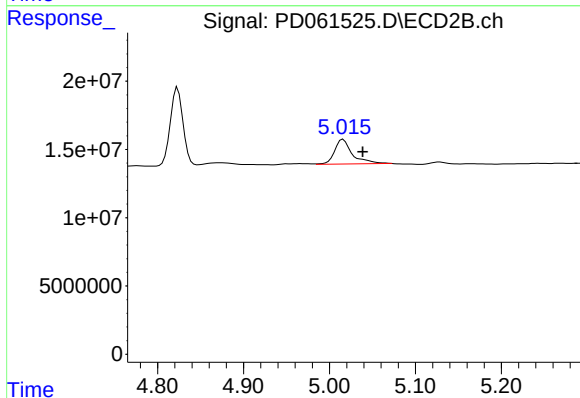
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 58352126
Conc: 11.97 ng/ml



#7 delta-BHC

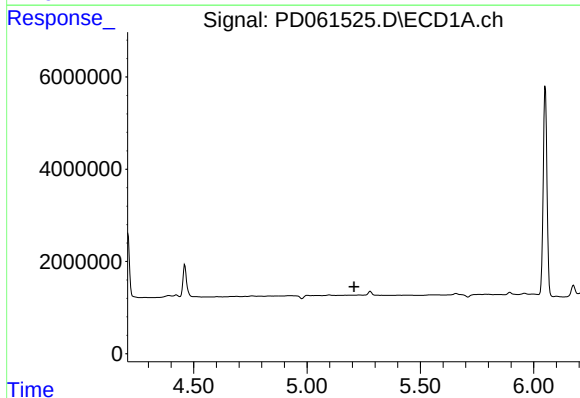
R.T.: 0.000 min
Exp R.T. : 4.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



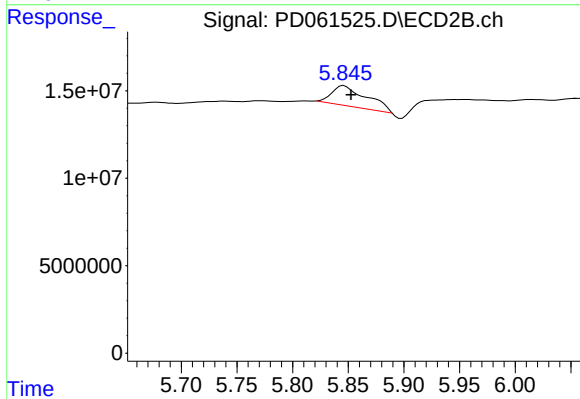
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: -0.023 min
Response: 25793113
Conc: 2.15 ng/ml



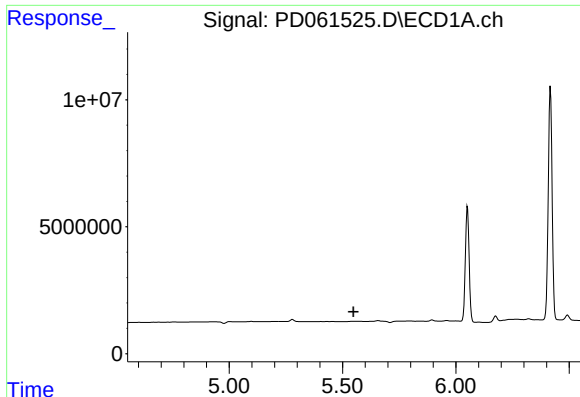
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.208 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

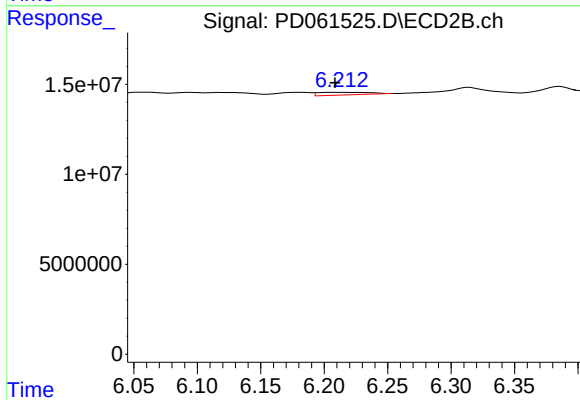
R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 24682581
Conc: 2.27 ng/ml



#9 Endosulfan I

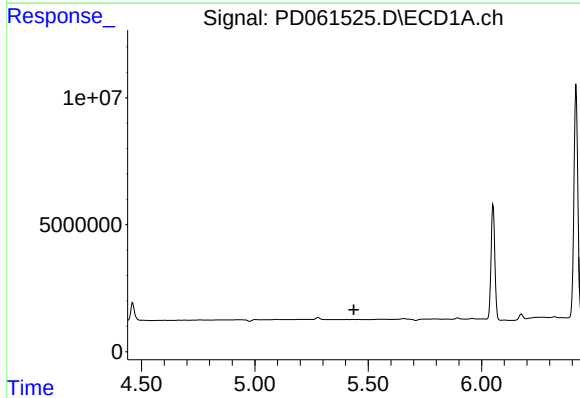
R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



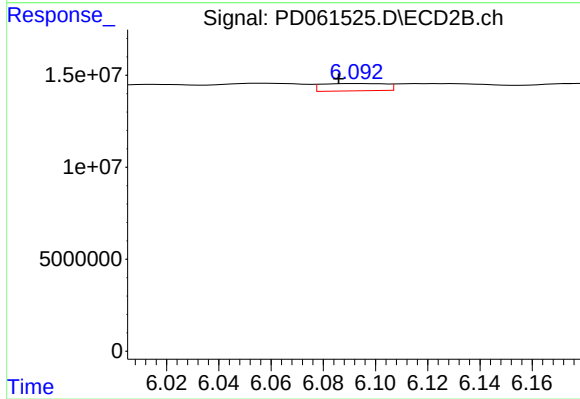
#9 Endosulfan I

R.T.: 6.215 min
Delta R.T.: 0.006 min
Response: 4736435
Conc: 0.46 ng/ml



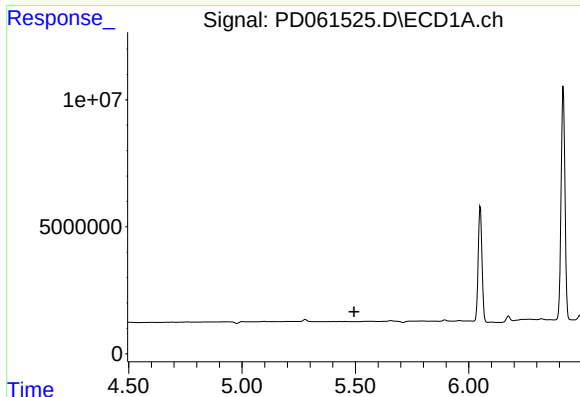
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.436 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

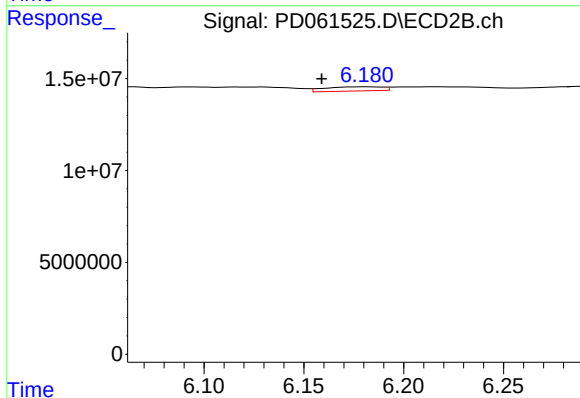
R.T.: 6.094 min
Delta R.T.: 0.008 min
Response: 6836571
Conc: 0.60 ng/ml



#11 alpha-Chlordane

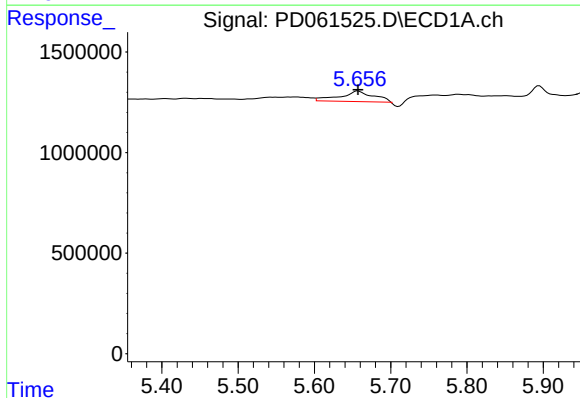
R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



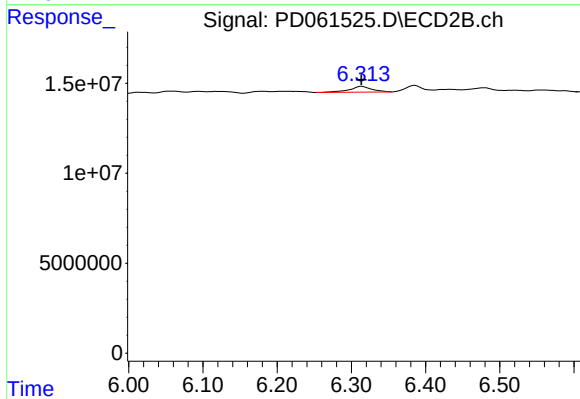
#11 alpha-Chlordane

R.T.: 6.181 min
Delta R.T.: 0.022 min
Response: 4607632
Conc: 0.42 ng/ml



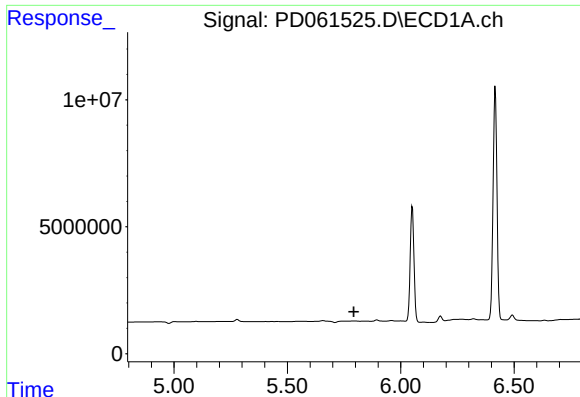
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1614569
Conc: 1.47 ng/ml



#12 4,4'-DDE

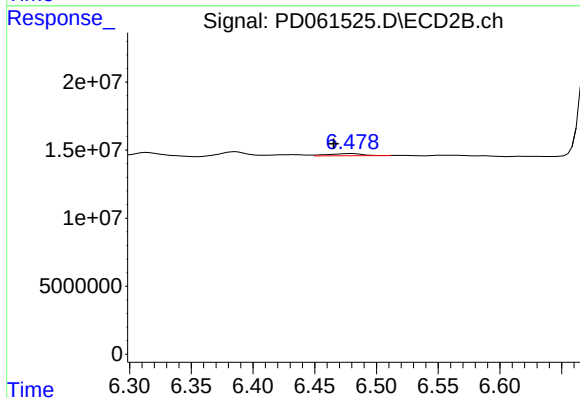
R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 6645667
Conc: 0.60 ng/ml



#13 Dieldrin

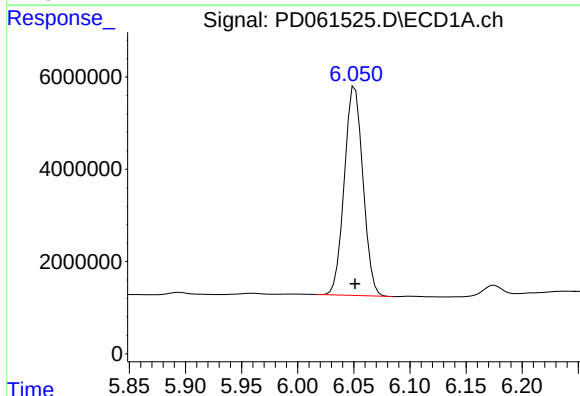
R.T.: 0.000 min
Exp R.T.: 5.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



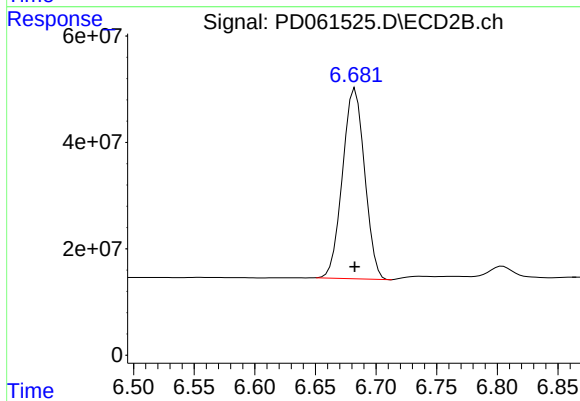
#13 Dieldrin

R.T.: 6.480 min
Delta R.T.: 0.014 min
Response: 2839284
Conc: 0.26 ng/ml



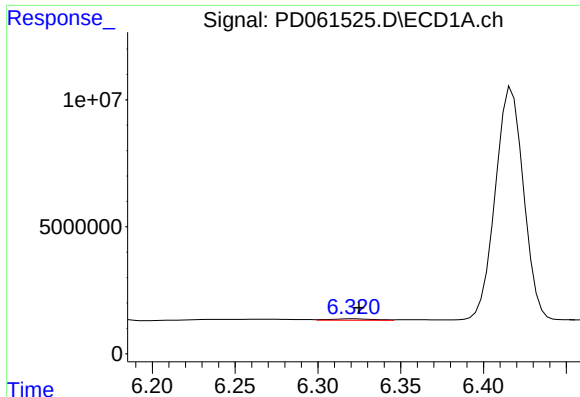
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 52258999
Conc: 49.48 ng/ml



#14 Endrin

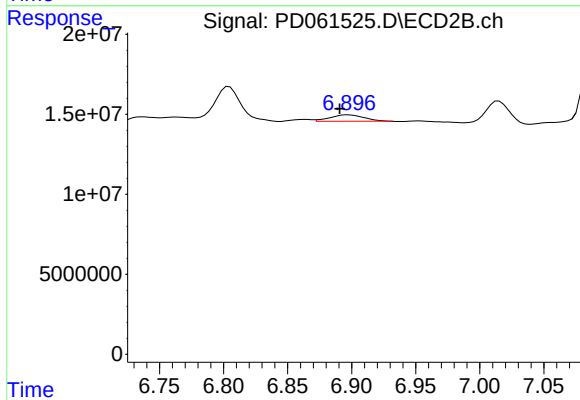
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 453939354
Conc: 48.42 ng/ml



#15 Endosulfan II

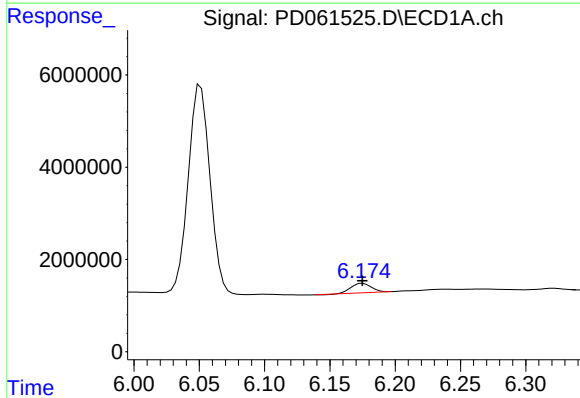
R.T.: 6.321 min
Delta R.T.: -0.004 min
Response: 1016641
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



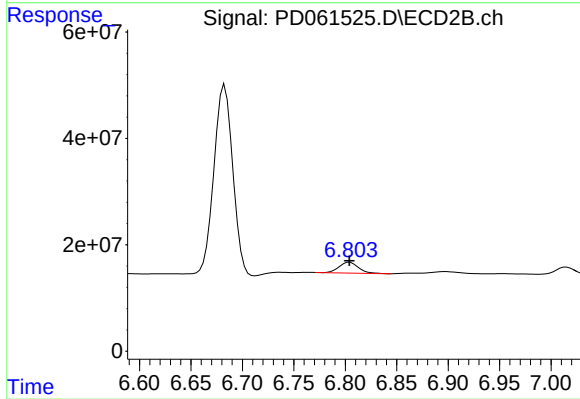
#15 Endosulfan II

R.T.: 6.897 min
Delta R.T.: 0.007 min
Response: 7486845
Conc: 0.84 ng/ml



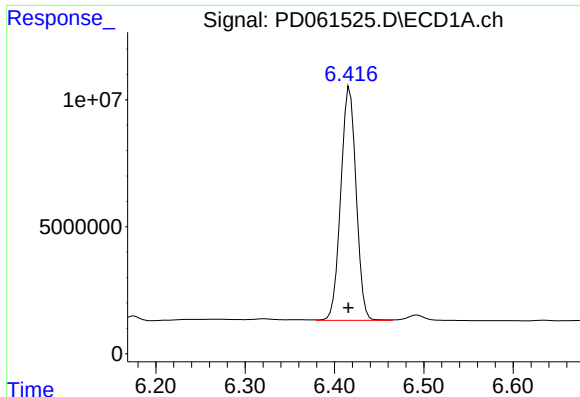
#16 4,4'-DDD

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 2210889
Conc: 2.38 ng/ml



#16 4,4'-DDD

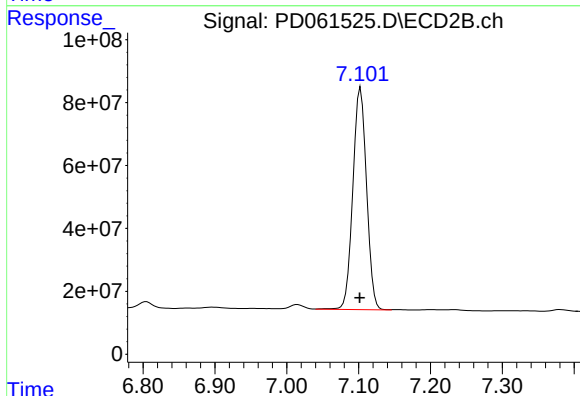
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 26416126
Conc: 2.95 ng/ml



#17 4,4'-DDT

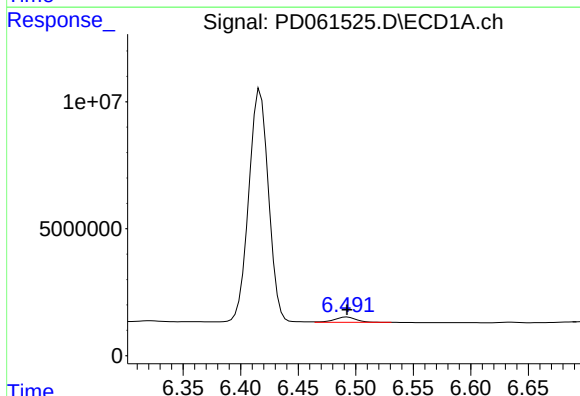
R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 109577240
Conc: 110.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



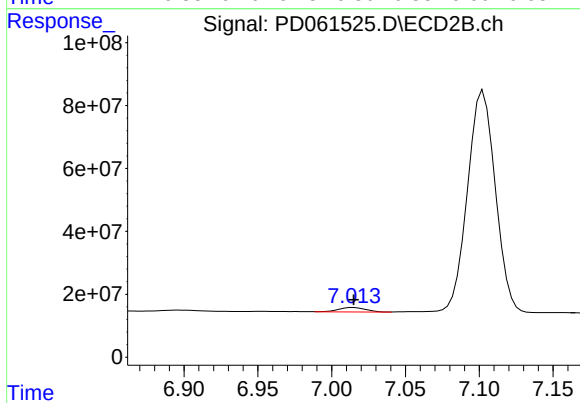
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 933853805
Conc: 100.97 ng/ml



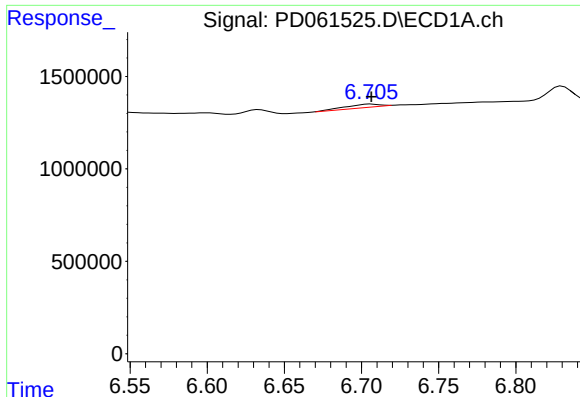
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 2780020
Conc: 3.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 18613585
Conc: 2.59 ng/ml



#19 Endosulfan Sulfate

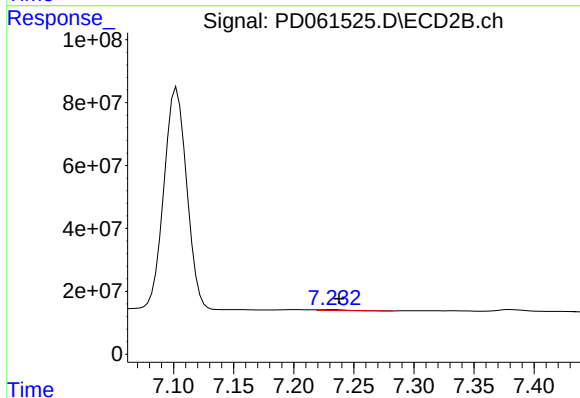
R.T.: 6.706 min

Delta R.T.: 0.000 min

Response: 272322

Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



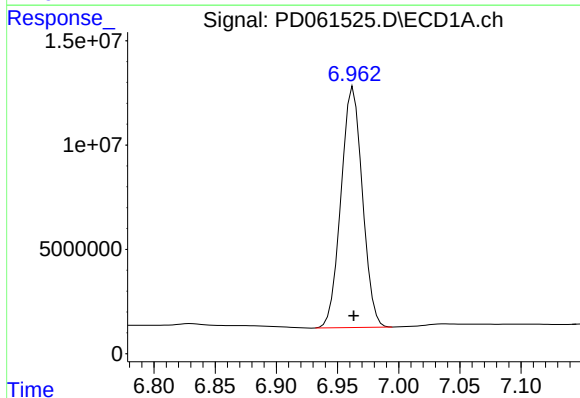
#19 Endosulfan Sulfate

R.T.: 7.232 min

Delta R.T.: -0.006 min

Response: 3494111

Conc: 0.38 ng/ml



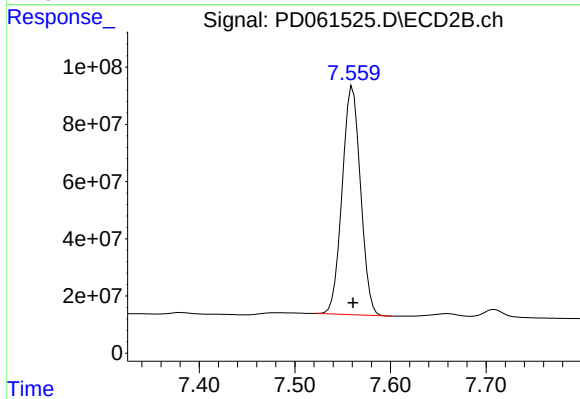
#20 Methoxychlor

R.T.: 6.963 min

Delta R.T.: 0.000 min

Response: 140388648

Conc: 249.06 ng/ml



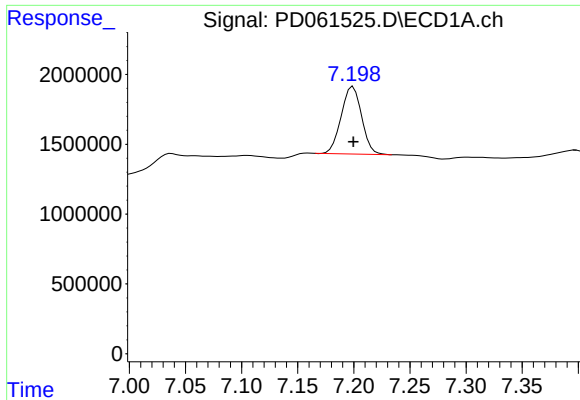
#20 Methoxychlor

R.T.: 7.560 min

Delta R.T.: 0.000 min

Response: 1068314086

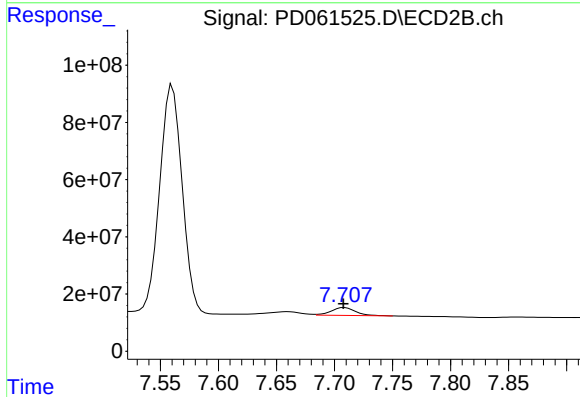
Conc: 230.92 ng/ml



#21 Endrin ketone

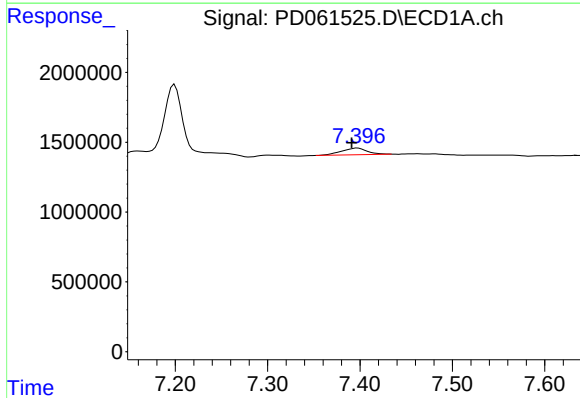
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 6117705
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



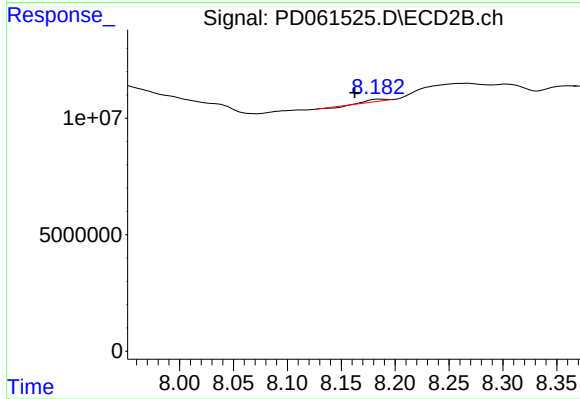
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 39209212
Conc: 4.25 ng/ml



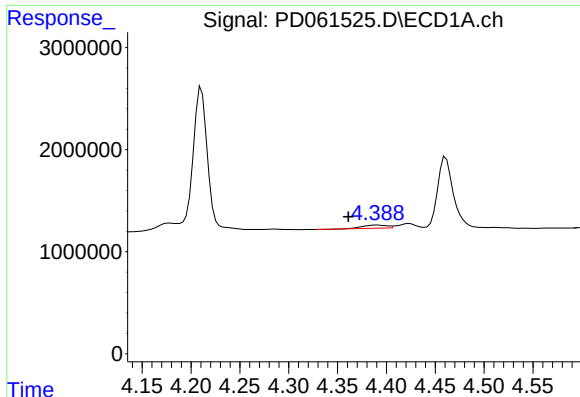
#22 Mirex

R.T.: 7.397 min
Delta R.T.: 0.006 min
Response: 936866
Conc: 0.94 ng/ml



#22 Mirex

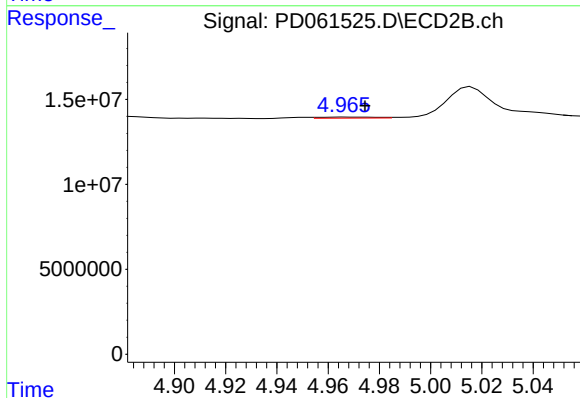
R.T.: 8.185 min
Delta R.T.: 0.023 min
Response: 509892
Conc: 0.08 ng/ml



#23 Chlordane-1

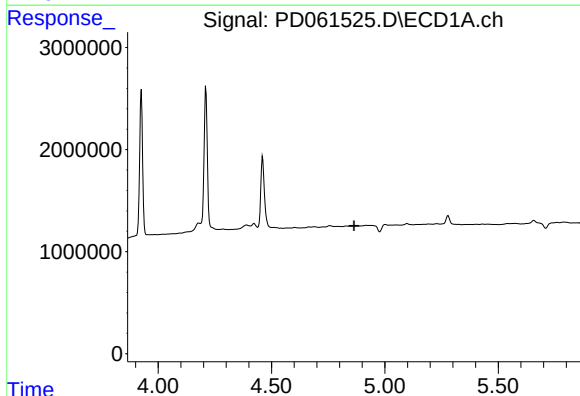
R.T.: 4.390 min
Delta R.T.: 0.029 min
Response: 539773
Conc: 14.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



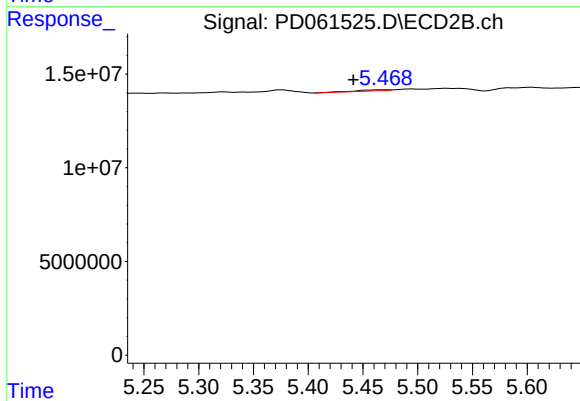
#23 Chlordane-1

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 996137
Conc: 2.40 ng/ml



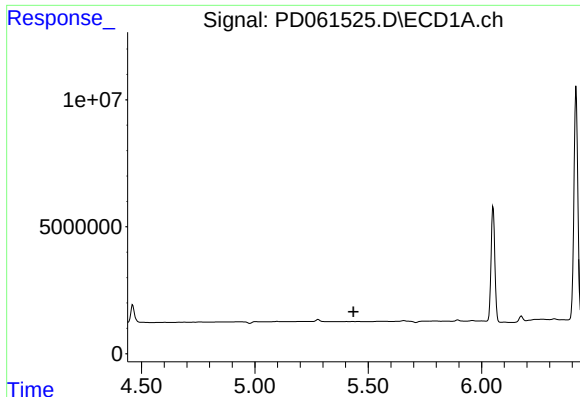
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#24 Chlordane-2

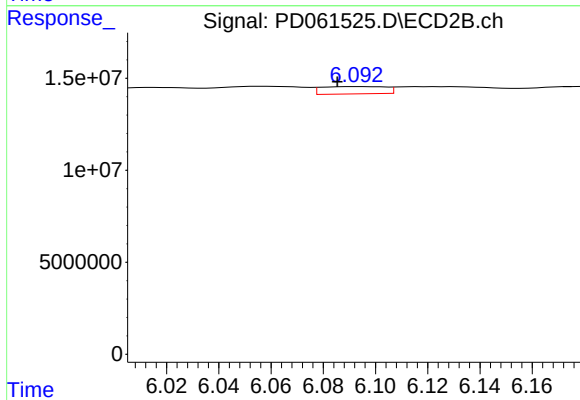
R.T.: 5.471 min
Delta R.T.: 0.030 min
Response: 1175650
Conc: 2.92 ng/ml



#25 Chlordane-3

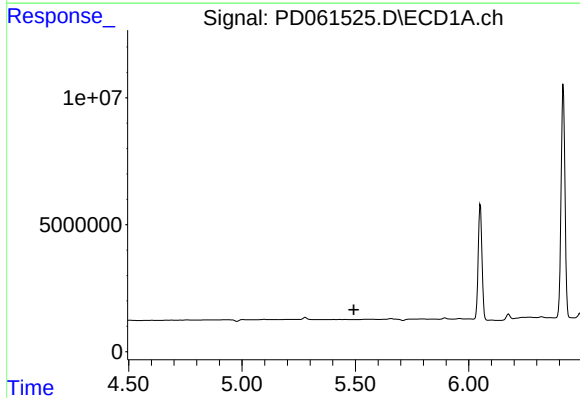
R.T.: 0.000 min
Exp R.T.: 5.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



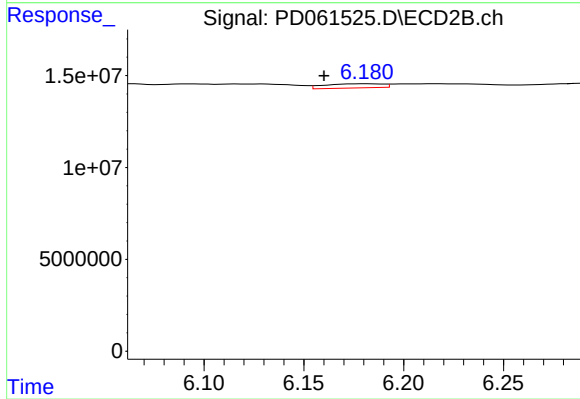
#25 Chlordane-3

R.T.: 6.094 min
Delta R.T.: 0.008 min
Response: 6836571
Conc: 3.93 ng/ml



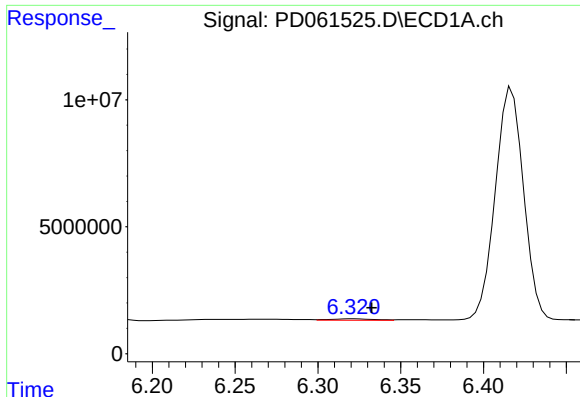
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.



#26 Chlordane-4

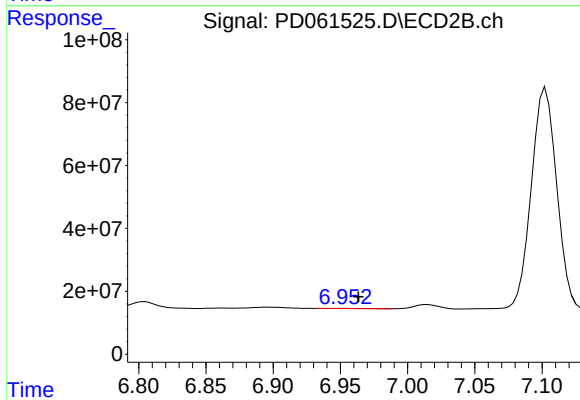
R.T.: 6.181 min
Delta R.T.: 0.021 min
Response: 4607632
Conc: 2.28 ng/ml



#27 Chlordane-5

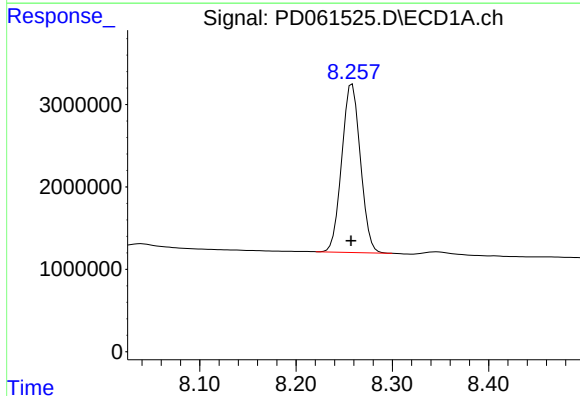
R.T.: 6.321 min
Delta R.T.: -0.011 min
Response: 1016641
Conc: 20.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



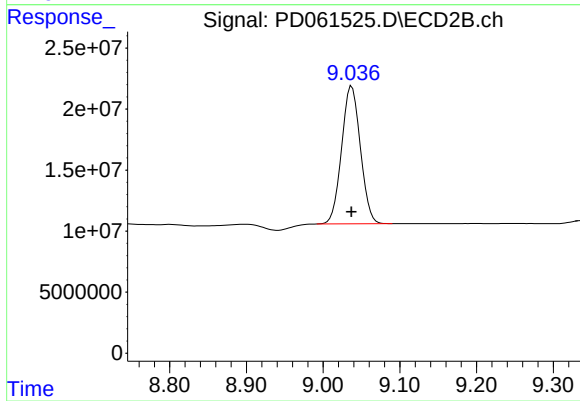
#27 Chlordane-5

R.T.: 6.952 min
Delta R.T.: -0.011 min
Response: 1220747
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.001 min
Response: 27416712
Conc: 22.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: 0.000 min
Response: 192654407
Conc: 22.33 ng/ml