

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
 Data File : PD061662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2021 14:48
 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 17 19:17:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 19:16:30 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...	3.485	3.981	16533933	168.8E6	19.369	19.680
28)	SA Decachlor...	8.258	9.040	24189431	98969016	19.765	11.385 #
Target Compounds							
2)	A alpha-BHC	3.924	4.370	12019882	117.9E6	9.242	9.274
3)	MA gamma-BHC...	4.209	4.655	11375901	114.6E6	9.424	9.840
5)	MB Aldrin	4.755	5.460	94701	516747	0.078	0.043 #
6)	B beta-BHC	4.459	4.824	5877076	48386002	10.475	10.020
7)	B delta-BHC	0.000	5.023f	0	22932484	N.D.	1.901 #
8)	B Heptachlo...	0.000	5.859	0	6136704	N.D.	0.576 #
9)	A Endosulfan I	5.579f	6.236f	282381	585955	0.255	0.056 #
10)	B gamma-Chl...	0.000	6.058f	0	890582	N.D.	0.079 #
11)	B alpha-Chl...	0.000	6.181f	0	4126032	N.D.	0.378 #
12)	B 4,4'-DDE	5.657	6.315	392789	3523305	0.346	0.318
13)	MA Dieldrin	5.807	6.469	508214	6582950	0.435	0.589 #
14)	MA Endrin	6.050	6.684	51964779	461.0E6	49.402	49.234
15)	B Endosulfa...	6.324	6.896	595364	6183594	0.562	0.667
16)	A 4,4'-DDD	6.178	6.804	129946	4036940	0.136	0.446 #
17)	MA 4,4'-DDT	6.416	7.104	98999970	890.7E6	93.761	90.349
18)	B Endrin al...	6.489	7.015	1039805	2959528	1.192	0.390 #
19)	B Endosulfa...	0.000	7.246	0	586422	N.D.	0.061 #
20)	A Methoxychlor	6.963	7.562	131.2E6	1040.1E6	239.651	227.895
21)	B Endrin ke...	7.199	7.710	1102300	7135056	0.854	0.742
22)	Mirex	7.396	0.000	408710	0	0.427	N.D. #
23)	Chlordane-1	4.344f	0.000	185662	0	5.621	N.D. #
24)	Chlordane-2	0.000	5.429	0	1703617	N.D.	4.547 #
25)	Chlordane-3	0.000	6.058f	0	890582	N.D.	0.557 #
26)	Chlordane-4	0.000	6.181f	0	4126032	N.D.	2.231 #
27)	Chlordane-5	6.324	6.971	595364	2219483	12.721	6.326 #

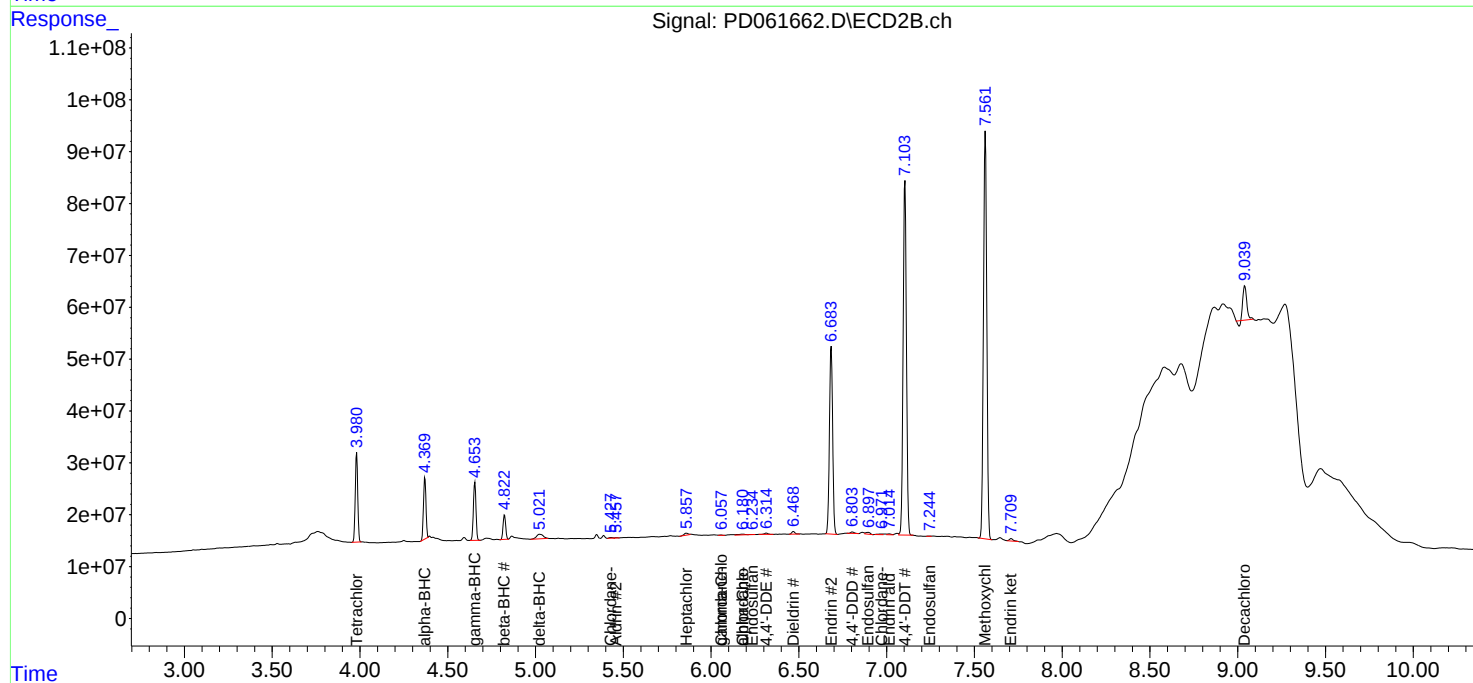
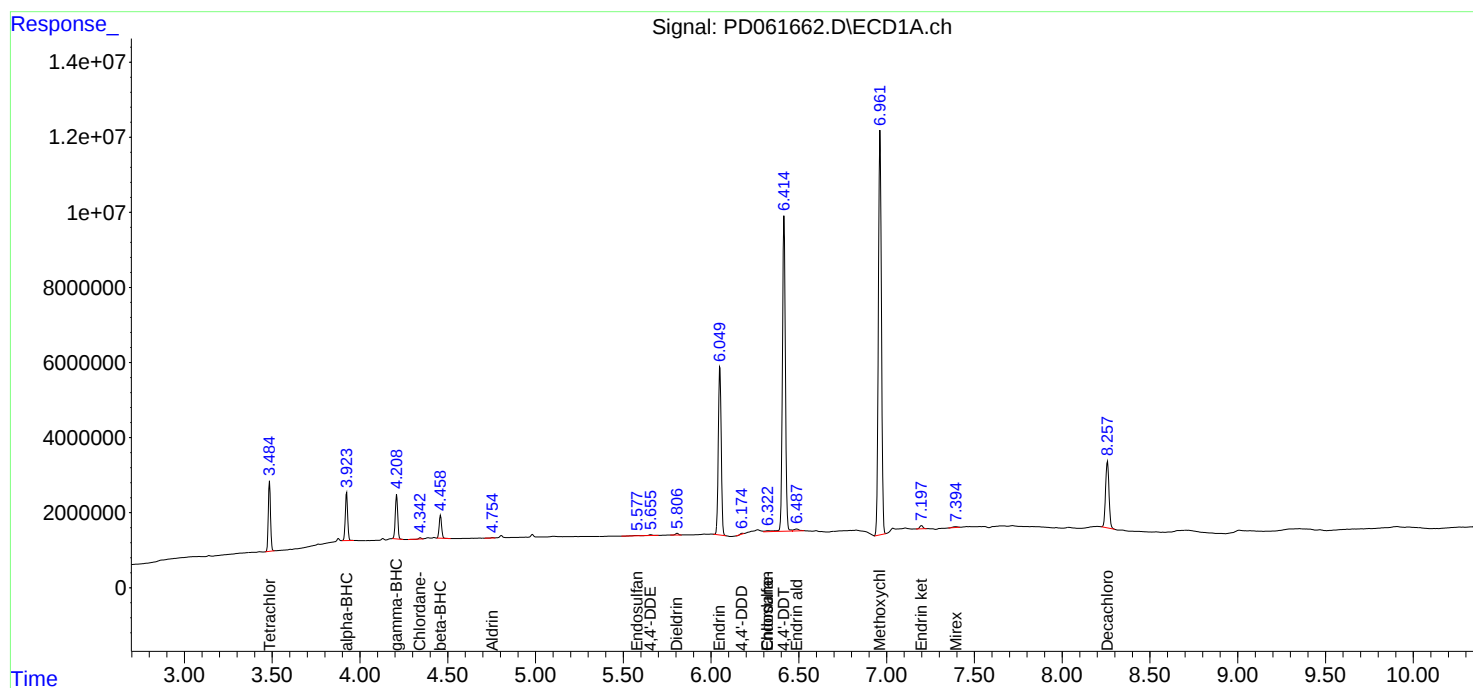
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

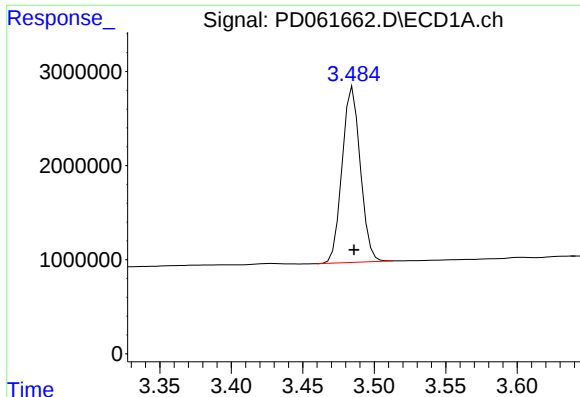
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
Data File : PD061662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2021 14:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 19:17:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
Quant Title : GC Extractables
QLast Update : Wed Mar 17 19:16:30 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

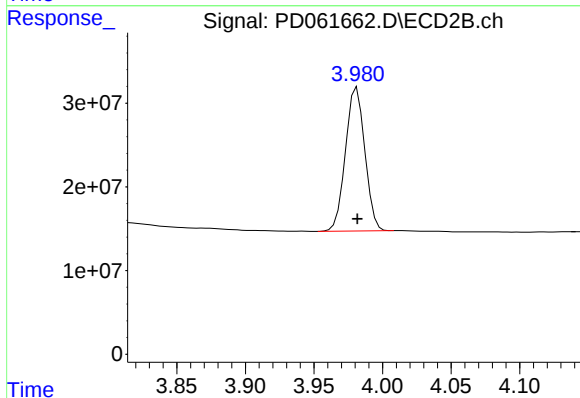




#1 Tetrachloro-m-xylene

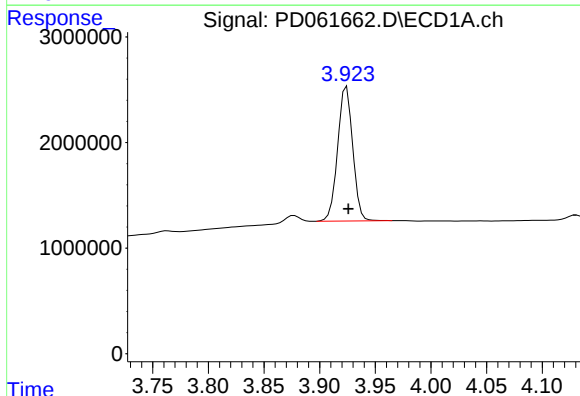
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 16533933
Conc: 19.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



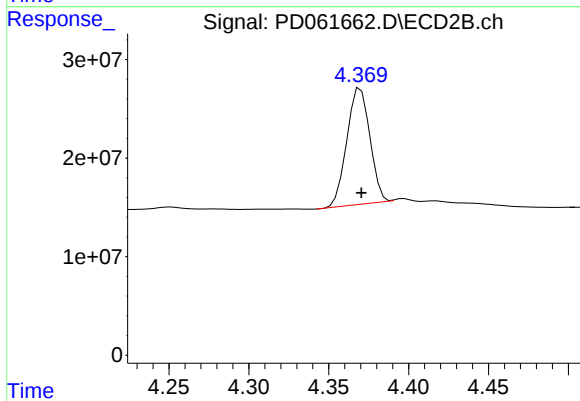
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 168840353
Conc: 19.68 ng/ml



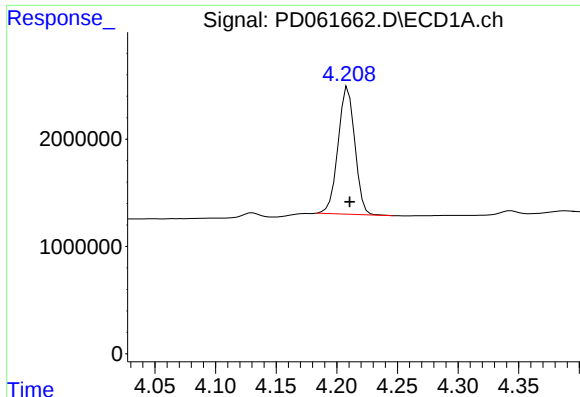
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 12019882
Conc: 9.24 ng/ml



#2 alpha-BHC

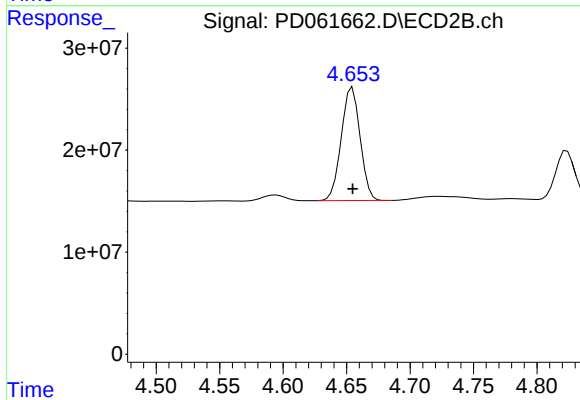
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 117932939
Conc: 9.27 ng/ml



#3 gamma-BHC (Lindane)

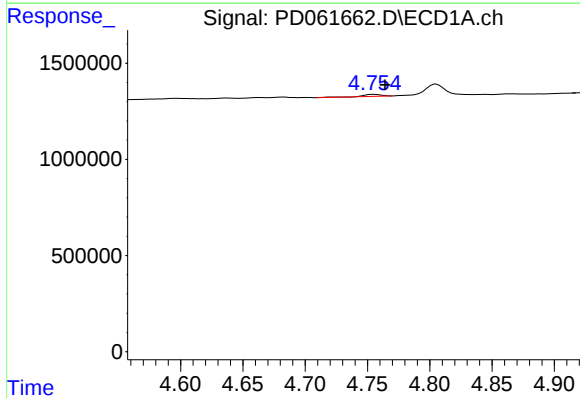
R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 11375901
Conc: 9.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



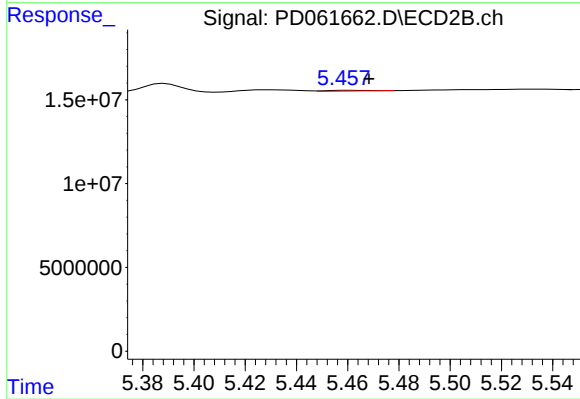
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 114647487
Conc: 9.84 ng/ml



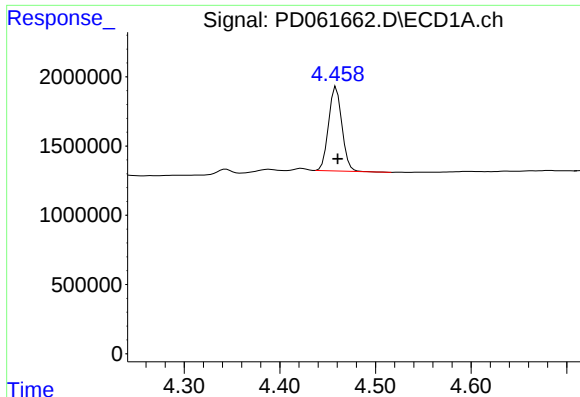
#5 Aldrin

R.T.: 4.755 min
Delta R.T.: -0.009 min
Response: 94701
Conc: 0.08 ng/ml



#5 Aldrin

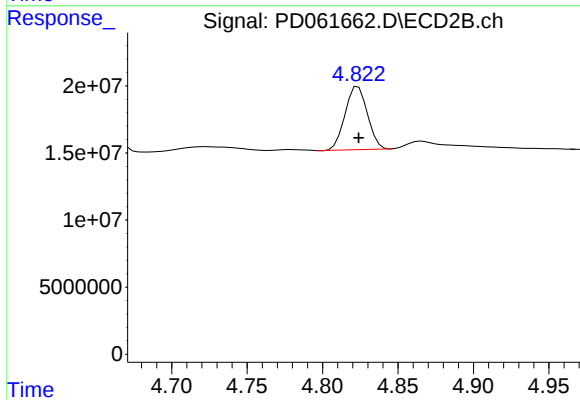
R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 516747
Conc: 0.04 ng/ml



#6 beta-BHC

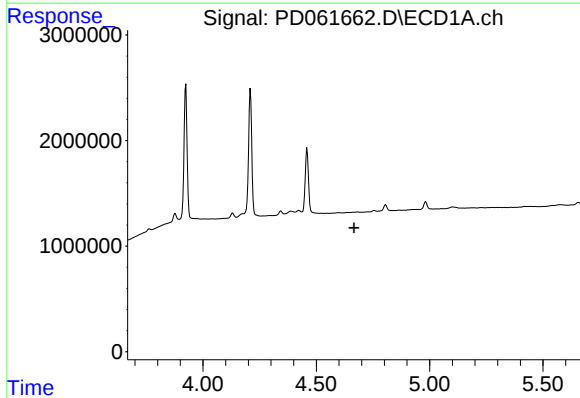
R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 5877076
Conc: 10.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



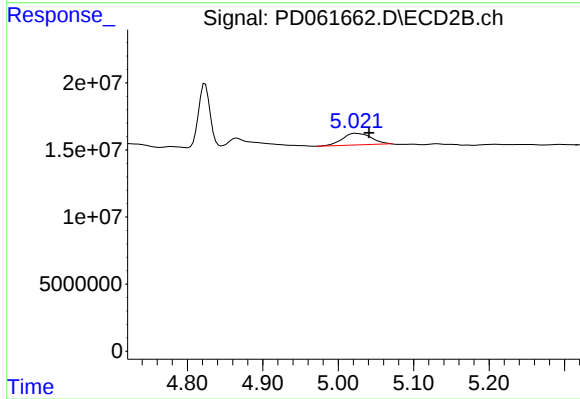
#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 48386002
Conc: 10.02 ng/ml



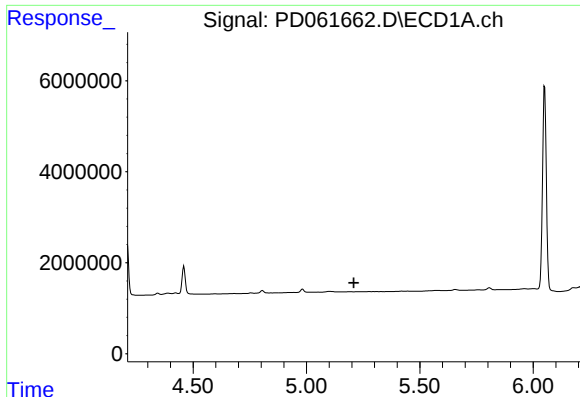
#7 delta-BHC

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



#7 delta-BHC

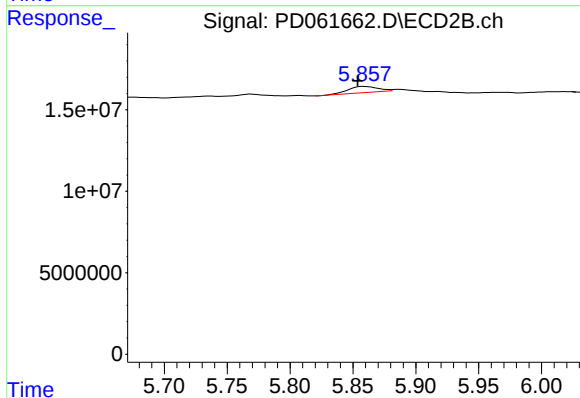
R.T.: 5.023 min
Delta R.T.: -0.018 min
Response: 22932484
Conc: 1.90 ng/ml



#8 Heptachlor epoxide

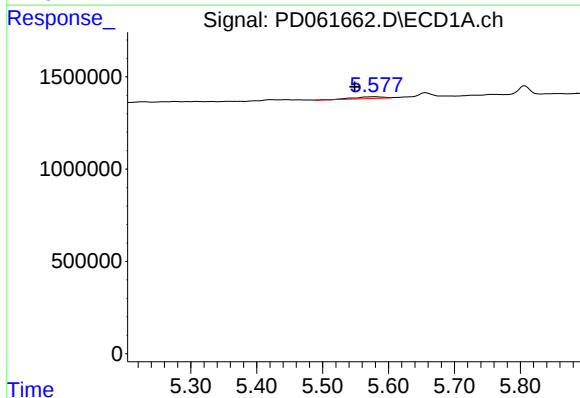
R.T.: 0.000 min
Exp R.T.: 5.209 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



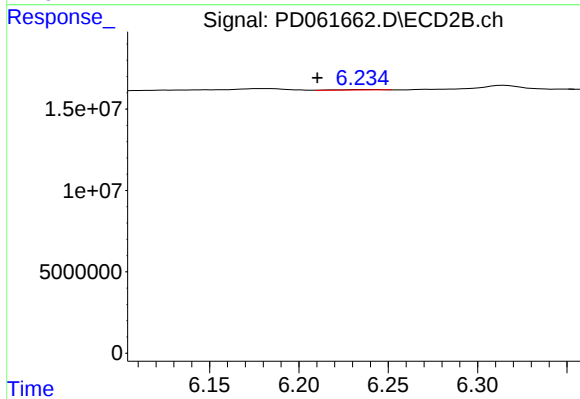
#8 Heptachlor epoxide

R.T.: 5.859 min
Delta R.T.: 0.005 min
Response: 6136704
Conc: 0.58 ng/ml



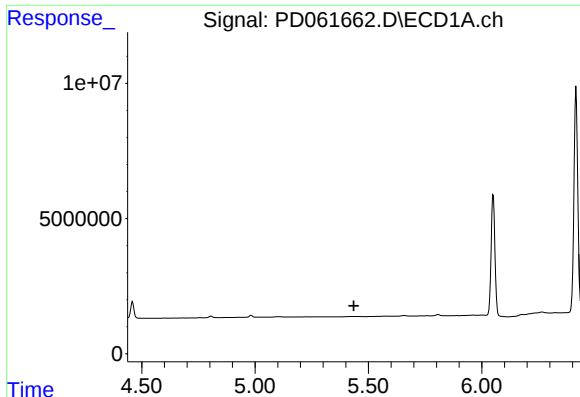
#9 Endosulfan I

R.T.: 5.579 min
Delta R.T.: 0.030 min
Response: 282381
Conc: 0.25 ng/ml



#9 Endosulfan I

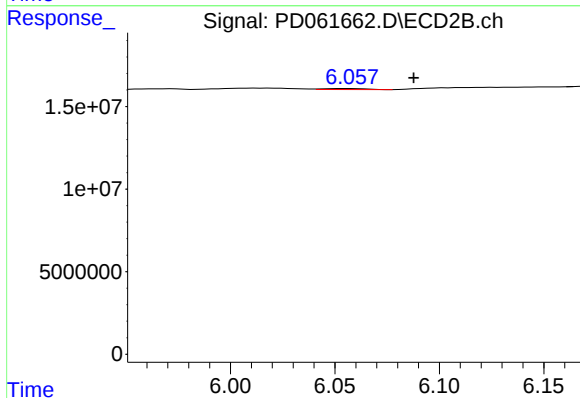
R.T.: 6.236 min
Delta R.T.: 0.026 min
Response: 585955
Conc: 0.06 ng/ml



#10 gamma-Chlordane

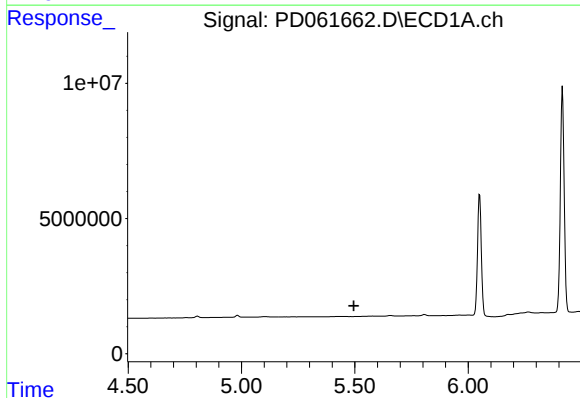
R.T.: 0.000 min
Exp R.T.: 5.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



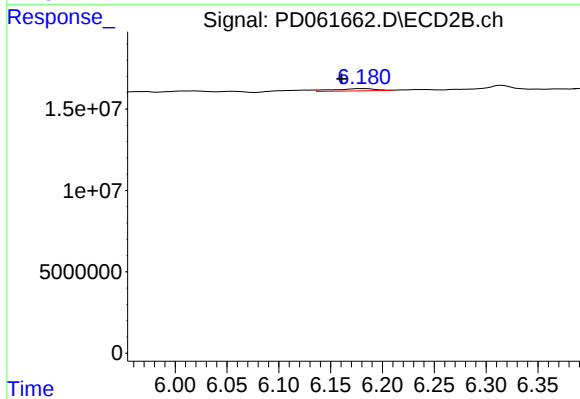
#10 gamma-Chlordane

R.T.: 6.058 min
Delta R.T.: -0.029 min
Response: 890582
Conc: 0.08 ng/ml



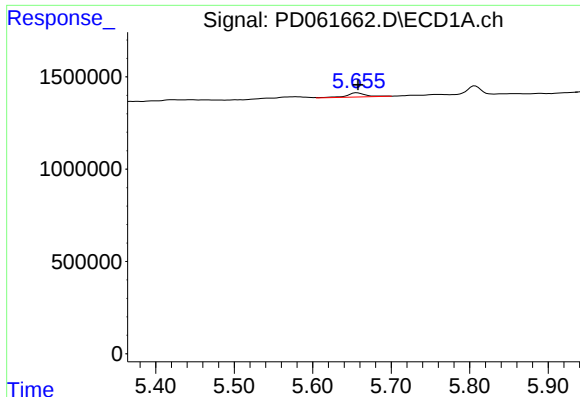
#11 alpha-Chlordane

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



#11 alpha-Chlordane

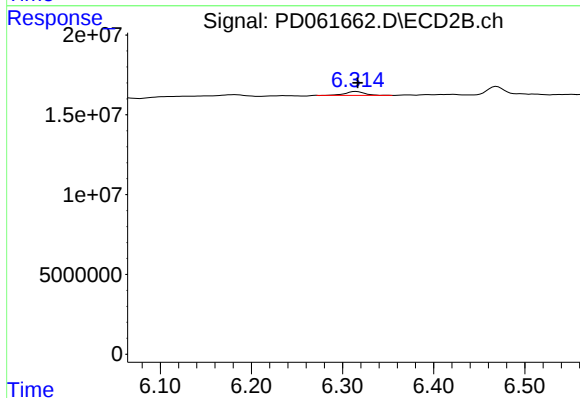
R.T.: 6.181 min
Delta R.T.: 0.021 min
Response: 4126032
Conc: 0.38 ng/ml



#12 4,4'-DDE

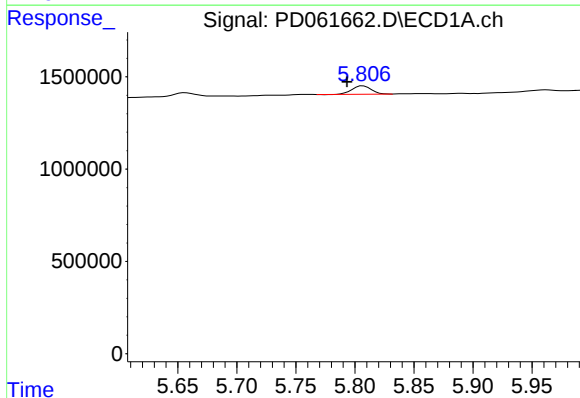
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 392789
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



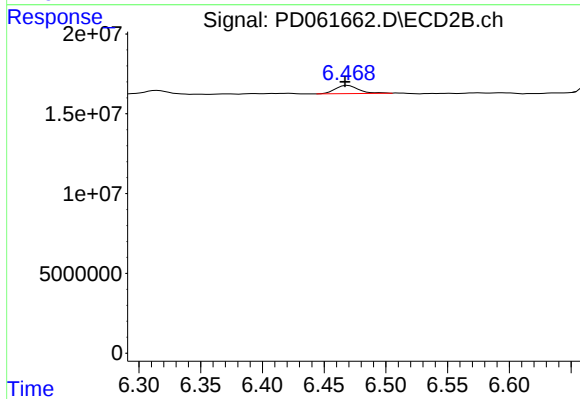
#12 4,4'-DDE

R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 3523305
Conc: 0.32 ng/ml



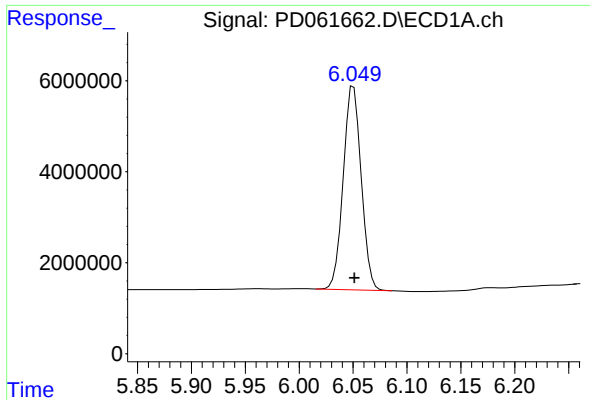
#13 Dieldrin

R.T.: 5.807 min
Delta R.T.: 0.014 min
Response: 508214
Conc: 0.43 ng/ml



#13 Dieldrin

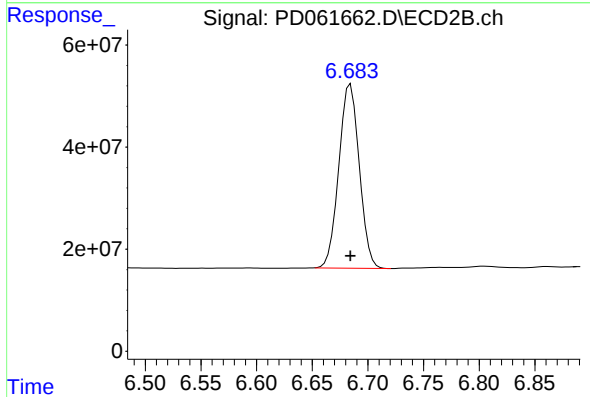
R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 6582950
Conc: 0.59 ng/ml



#14 Endrin

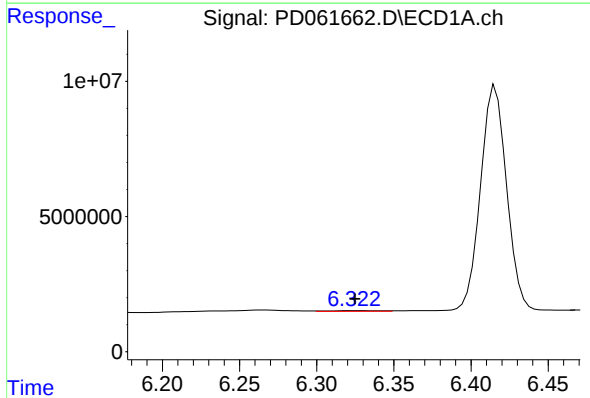
R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 51964779
Conc: 49.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



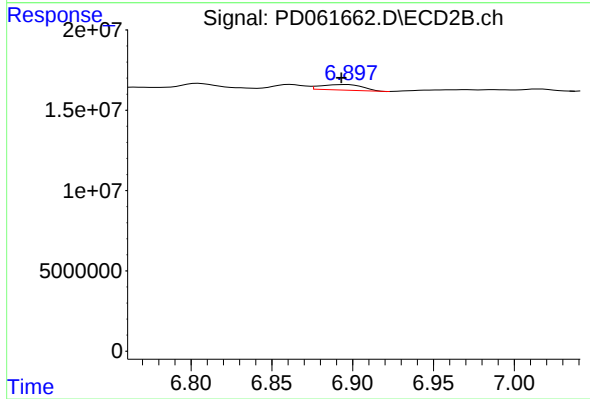
#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 460950500
Conc: 49.23 ng/ml



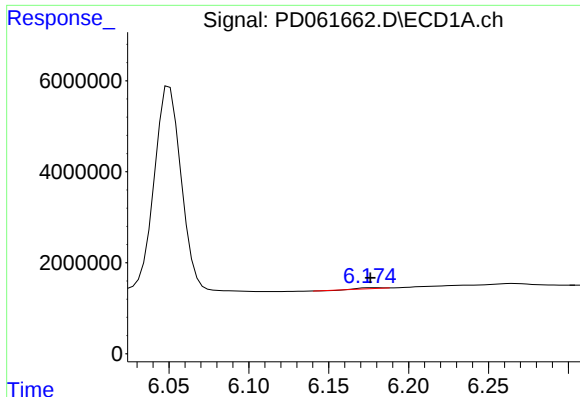
#15 Endosulfan II

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 595364
Conc: 0.56 ng/ml



#15 Endosulfan II

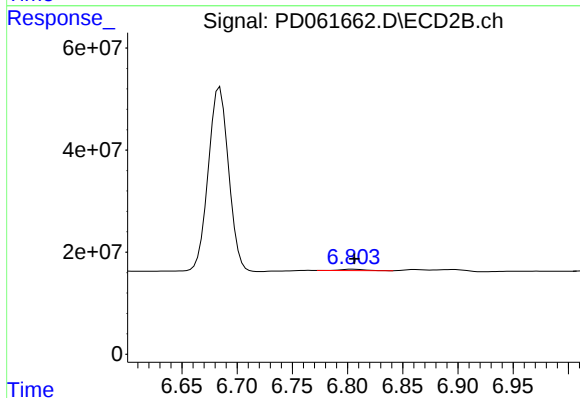
R.T.: 6.896 min
Delta R.T.: 0.003 min
Response: 6183594
Conc: 0.67 ng/ml



#16 4,4'-DDD

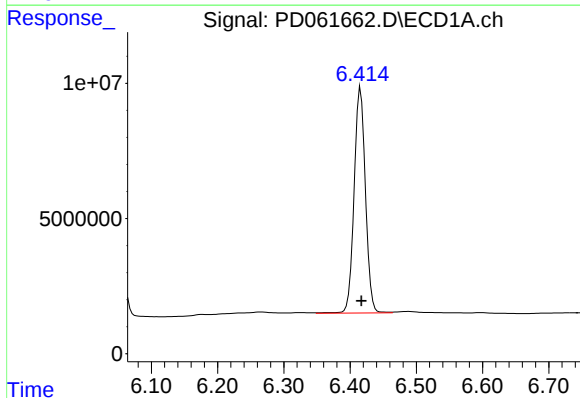
R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 129946
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



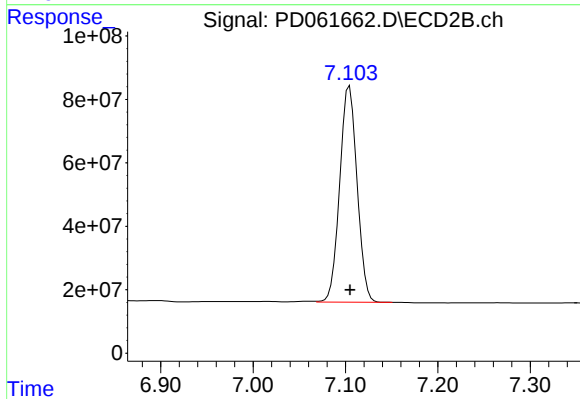
#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 4036940
Conc: 0.45 ng/ml



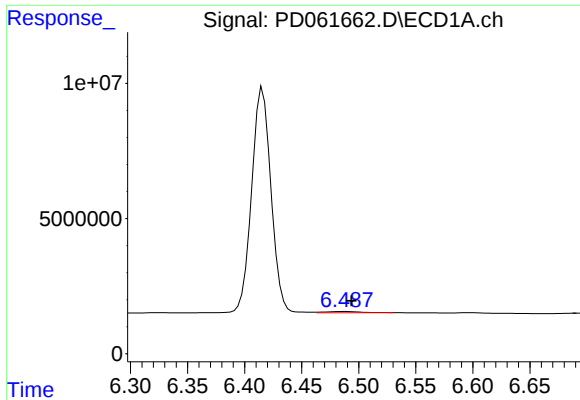
#17 4,4'-DDT

R.T.: 6.416 min
Delta R.T.: -0.001 min
Response: 98999970
Conc: 93.76 ng/ml



#17 4,4'-DDT

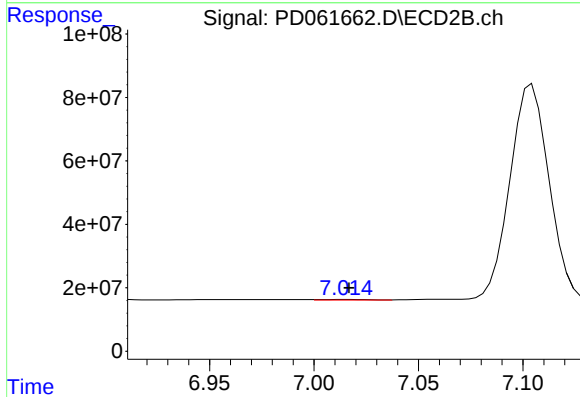
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 890705592
Conc: 90.35 ng/ml



#18 Endrin aldehyde

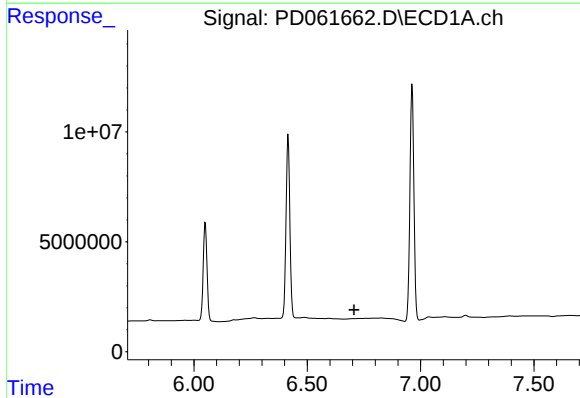
R.T.: 6.489 min
Delta R.T.: -0.005 min
Response: 1039805
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



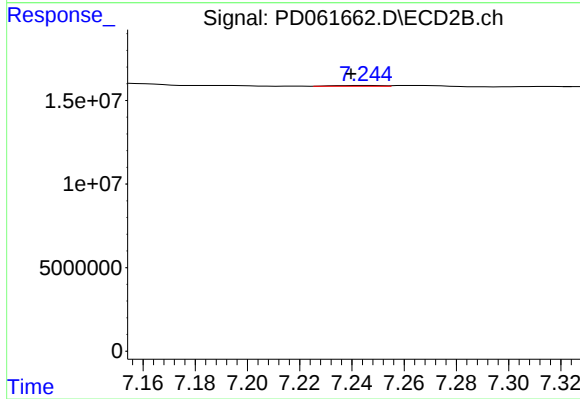
#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 2959528
Conc: 0.39 ng/ml



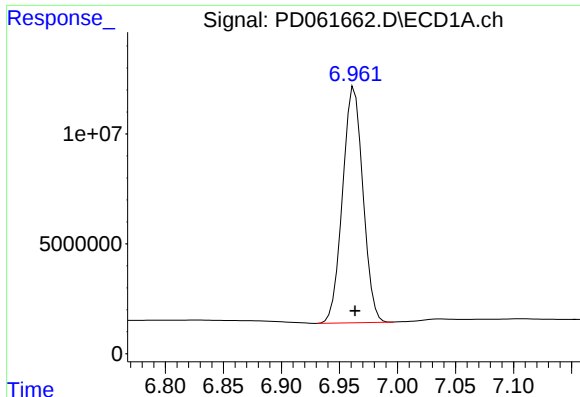
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.707 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

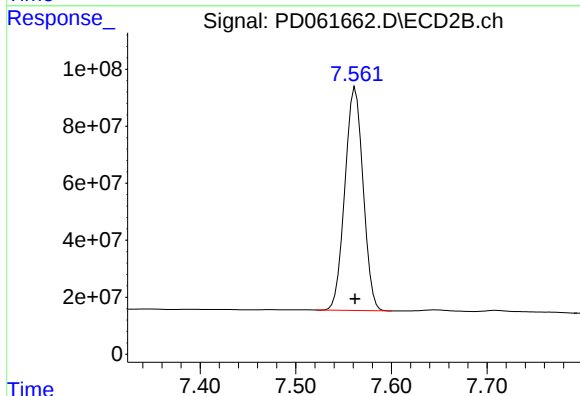
R.T.: 7.246 min
Delta R.T.: 0.006 min
Response: 586422
Conc: 0.06 ng/ml



#20 Methoxychlor

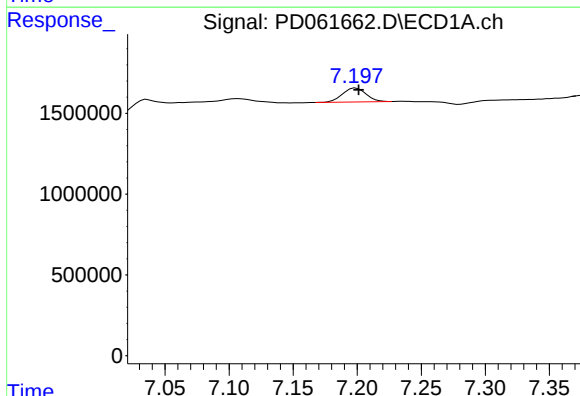
R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 131181955
Conc: 239.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



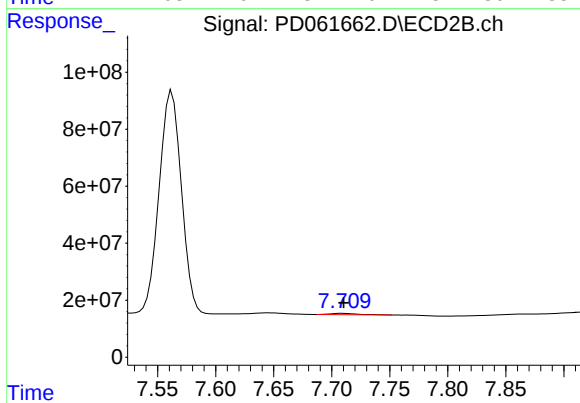
#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 1040071374
Conc: 227.90 ng/ml



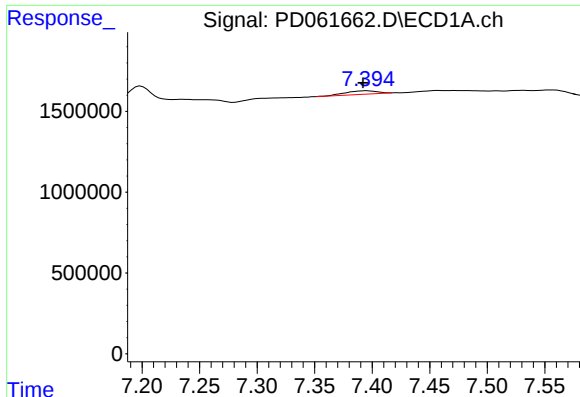
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 1102300
Conc: 0.85 ng/ml



#21 Endrin ketone

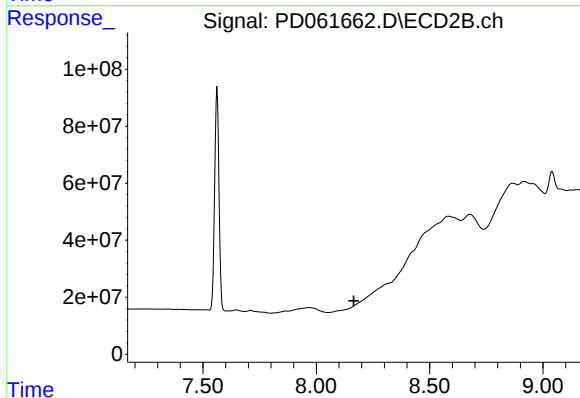
R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 7135056
Conc: 0.74 ng/ml



#22 Mirex

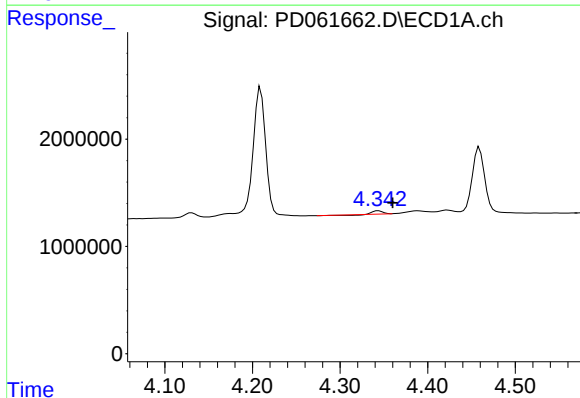
R.T.: 7.396 min
Delta R.T.: 0.003 min
Response: 408710
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



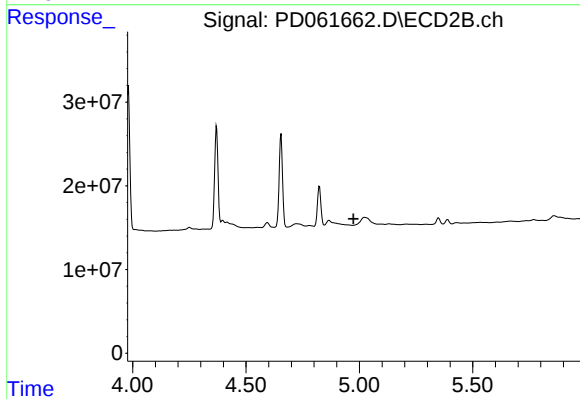
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.166 min
Response: 0
Conc: N.D.



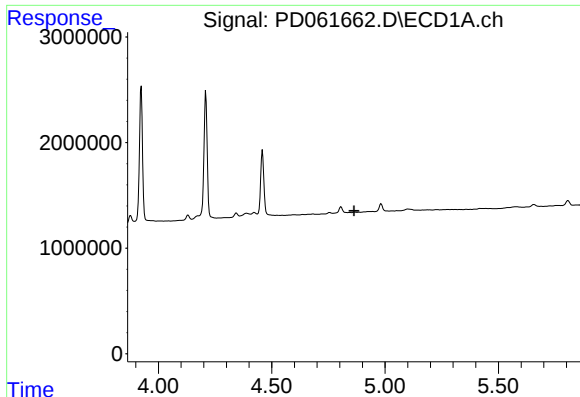
#23 Chlordane-1

R.T.: 4.344 min
Delta R.T.: -0.016 min
Response: 185662
Conc: 5.62 ng/ml



#23 Chlordane-1

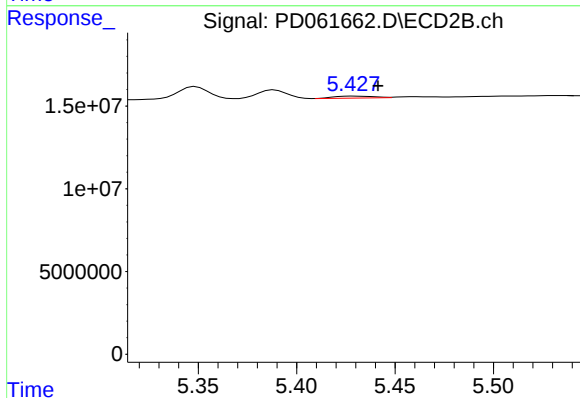
R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



#24 Chlordane-2

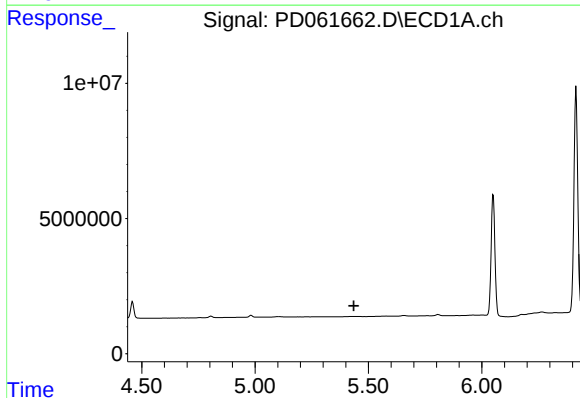
R.T.: 0.000 min
Exp R.T.: 4.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



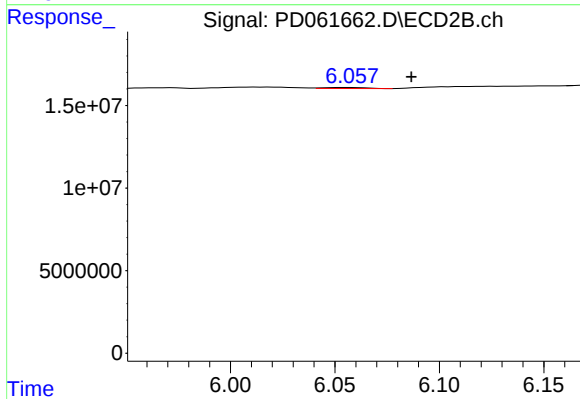
#24 Chlordane-2

R.T.: 5.429 min
Delta R.T.: -0.012 min
Response: 1703617
Conc: 4.55 ng/ml



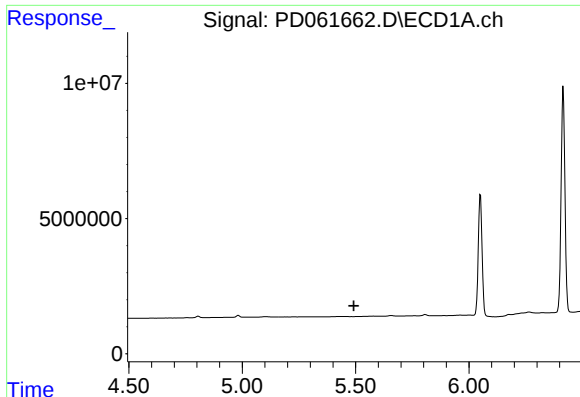
#25 Chlordane-3

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



#25 Chlordane-3

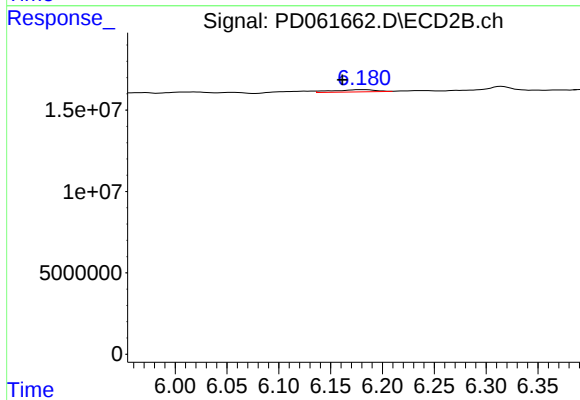
R.T.: 6.058 min
Delta R.T.: -0.028 min
Response: 890582
Conc: 0.56 ng/ml



#26 Chlordane-4

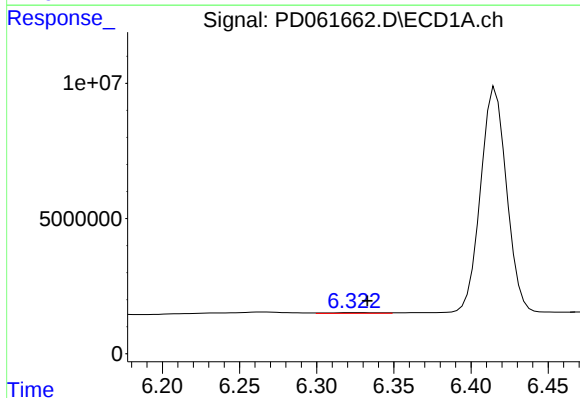
R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



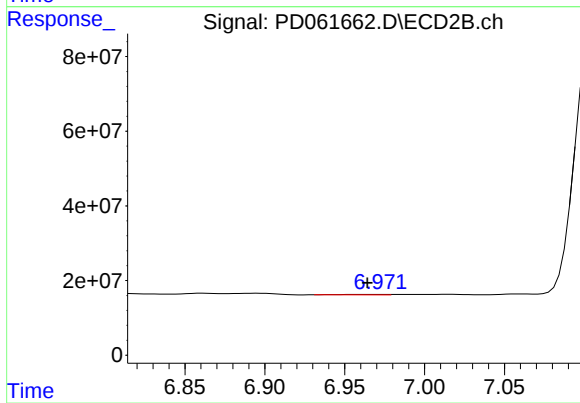
#26 Chlordane-4

R.T.: 6.181 min
Delta R.T.: 0.020 min
Response: 4126032
Conc: 2.23 ng/ml



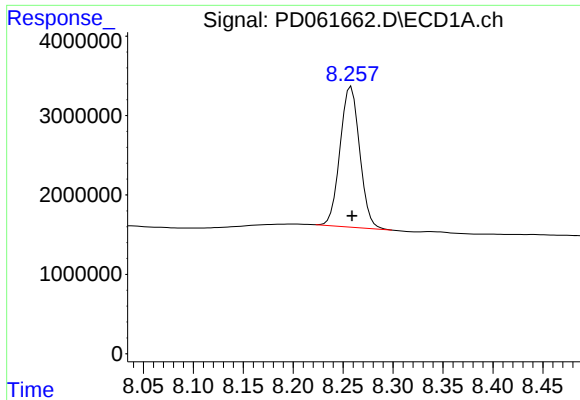
#27 Chlordane-5

R.T.: 6.324 min
Delta R.T.: -0.009 min
Response: 595364
Conc: 12.72 ng/ml



#27 Chlordane-5

R.T.: 6.971 min
Delta R.T.: 0.006 min
Response: 2219483
Conc: 6.33 ng/ml



#28 Decachlorobiphenyl

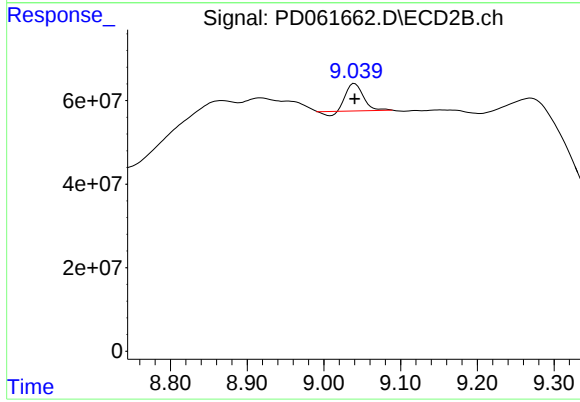
R.T.: 8.258 min

Delta R.T.: 0.000 min

Response: 24189431

Conc: 19.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.040 min

Delta R.T.: 0.000 min

Response: 98969016

Conc: 11.38 ng/ml