

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 21:42
 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 11 04:51:53 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	16471143	171.8E6	20.549	20.590
28)	SA Decachlor...	8.257	9.037	25624930	178.8E6	21.249	20.728
Target Compounds							
2)	A alpha-BHC	3.926	4.370	11790244	129.4E6	9.567	9.985
3)	MA gamma-BHC...	4.210	4.654	11599262	124.5E6	9.855	10.259
4)	MA Heptachlor	0.000	5.164	0	336438	N.D.	0.026 #
5)	MB Aldrin	4.757	5.459	128791	478830	0.110	0.040 #
6)	B beta-BHC	4.461	4.823	7164134	53028002	13.550	10.874
7)	B delta-BHC	0.000	5.016f	0	25988226	N.D.	2.167 #
8)	B Heptachlo...	0.000	5.848	0	12309824	N.D.	1.131 #
9)	A Endosulfan I	0.000	6.204	0	1326653	N.D.	0.128 #
10)	B gamma-Chl...	0.000	6.093	0	2600775	N.D.	0.230 #
11)	B alpha-Chl...	0.000	6.178f	0	2412925	N.D.	0.221 #
12)	B 4,4'-DDE	5.658	6.313	754438	2686089	0.687	0.242 #
13)	MA Dieldrin	0.000	6.477	0	2568184	N.D.	0.232 #
14)	MA Endrin	6.051	6.684	49606338	436.5E6	46.970	46.563
15)	B Endosulfa...	6.323	6.904	875359	3385022	0.876	0.379 #
16)	A 4,4'-DDD	6.175	6.805	1255917	14513501	1.352	1.621
17)	MA 4,4'-DDT	6.417	7.103	102.8E6	880.6E6	103.429	95.204
18)	B Endrin al...	6.492	7.015	1969245	11968616	2.384	1.666 #
19)	B Endosulfa...	6.704	0.000	213628	0	0.205	N.D. #
20)	A Methoxychlor	6.962	7.560	136.5E6	1012.9E6	242.156	218.948
21)	B Endrin ke...	7.199	7.709	4267164	25678356	3.454	2.784
22)	Mirex	7.396	8.165	1209023	4388694	1.219	0.723 #
23)	Chlordane-1	4.388f	0.000	452097	0	12.519	N.D. #
24)	Chlordane-2	0.000	5.459f	0	478830	N.D.	1.191 #
25)	Chlordane-3	0.000	6.093	0	2600775	N.D.	1.495 #
26)	Chlordane-4	0.000	6.178f	0	2412925	N.D.	1.196 #
27)	Chlordane-5	6.323	0.000	875359	0	18.074	N.D. #

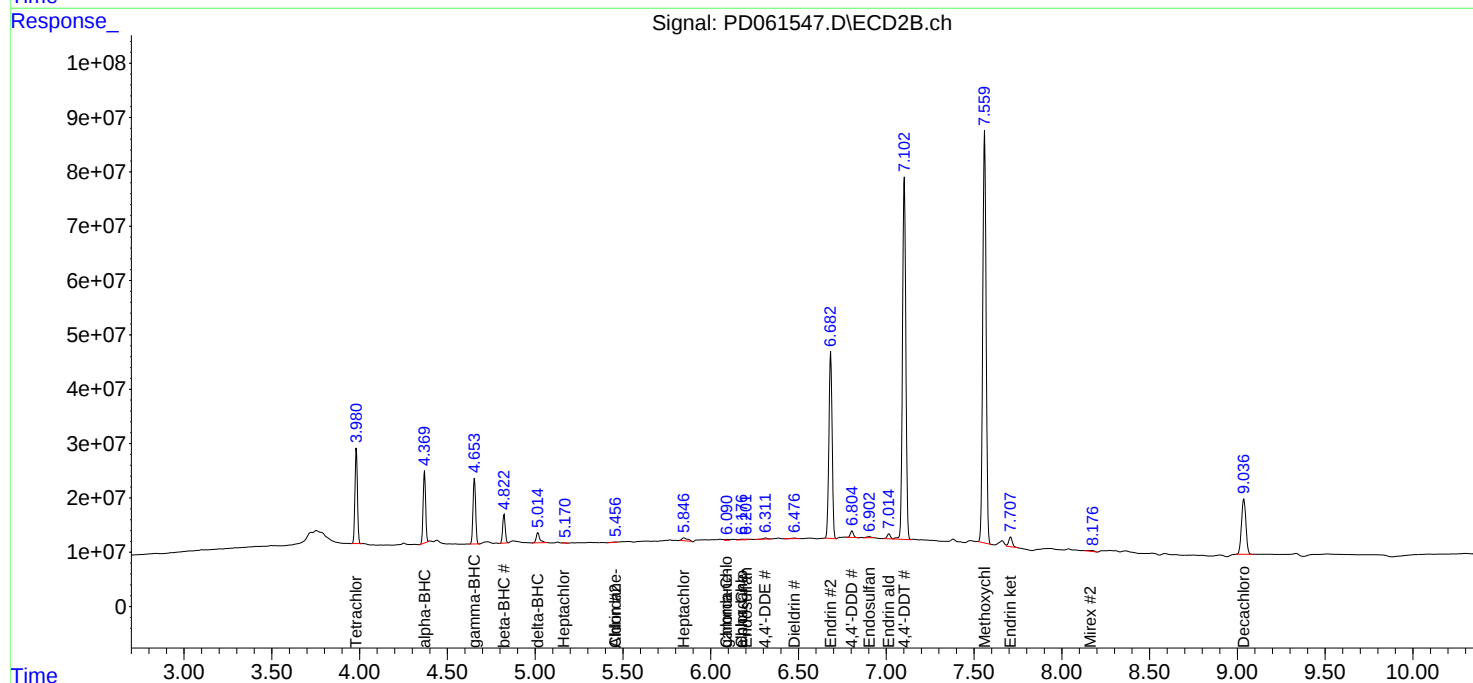
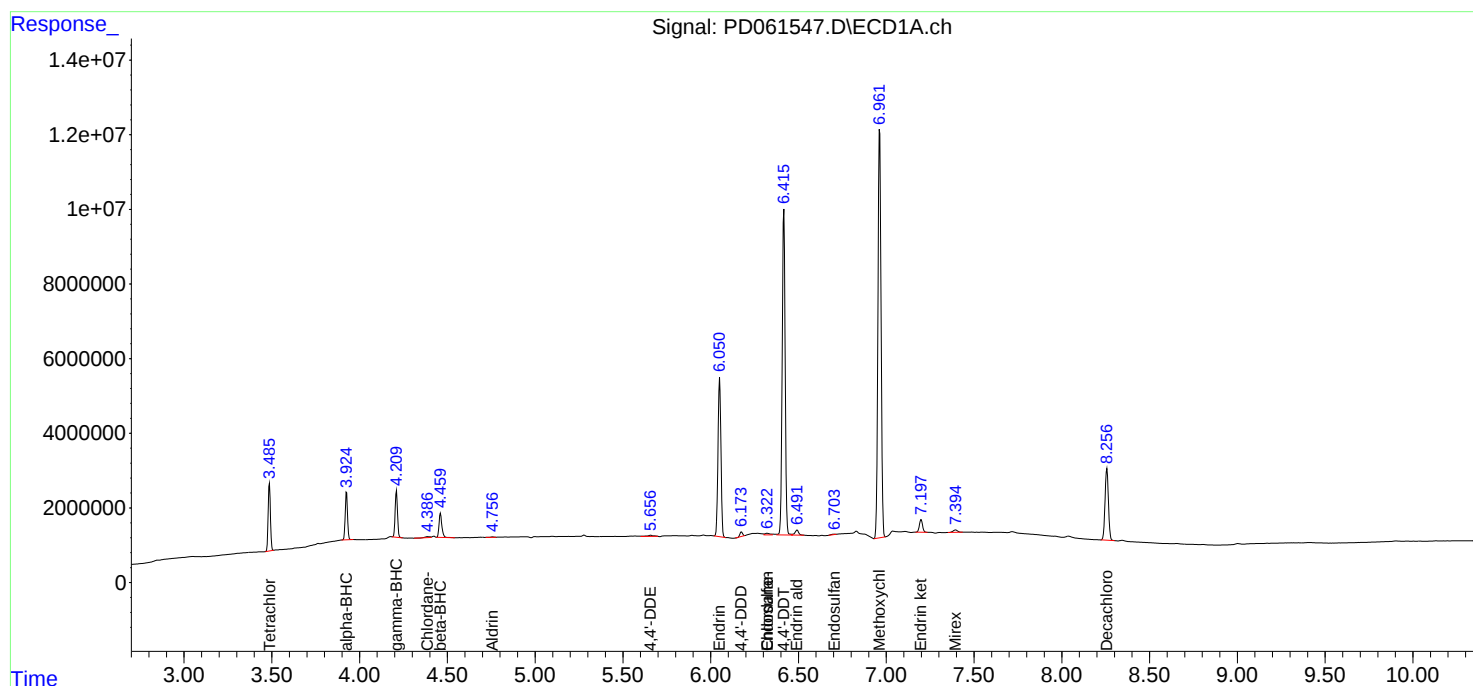
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

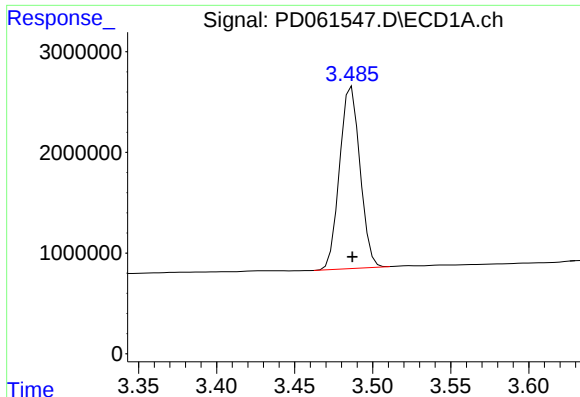
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
Data File : PD061547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2021 21:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 04:51:53 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

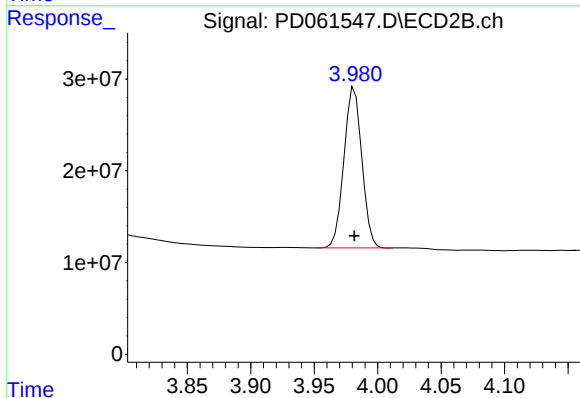




#1 Tetrachloro-m-xylene

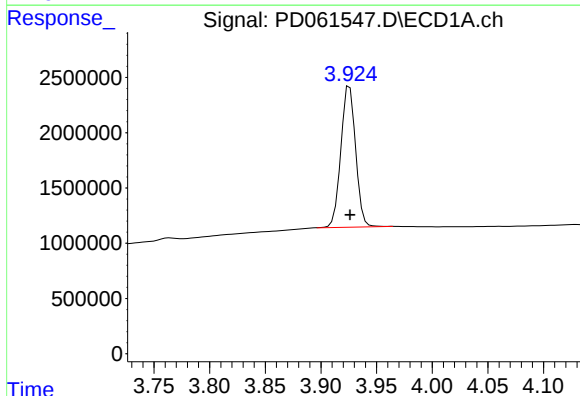
R.T.: 3.487 min
Delta R.T.: 0.000 min
Response: 16471143
Conc: 20.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



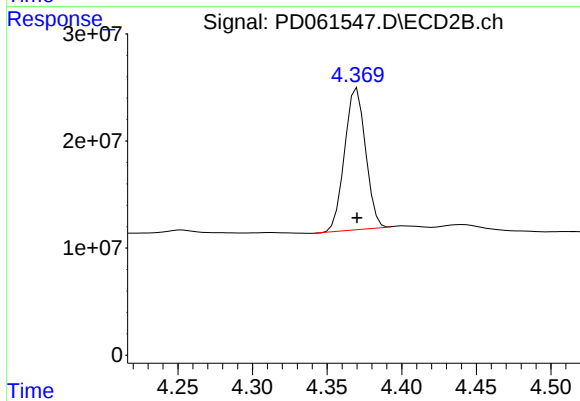
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 171788233
Conc: 20.59 ng/ml



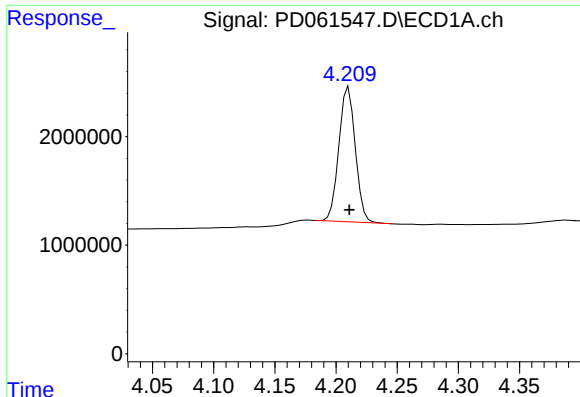
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 11790244
Conc: 9.57 ng/ml



#2 alpha-BHC

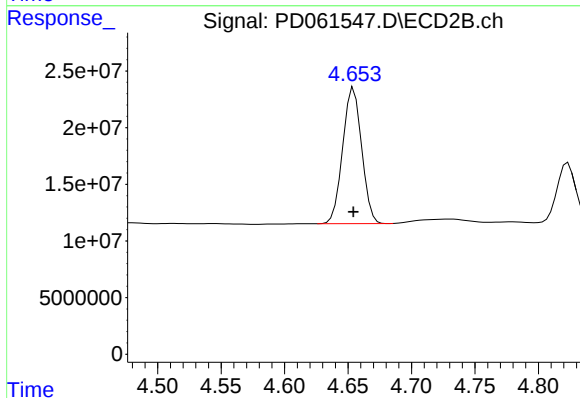
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 129422363
Conc: 9.99 ng/ml



#3 gamma-BHC (Lindane)

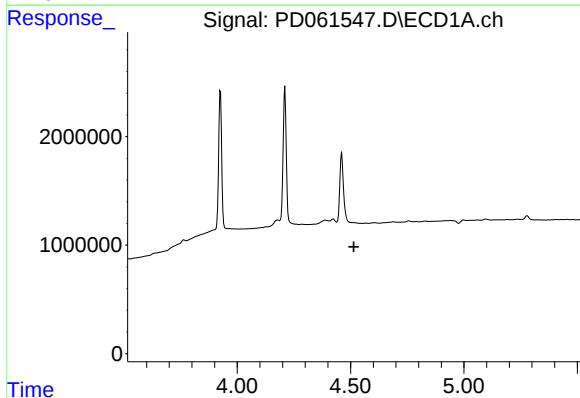
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 11599262
Conc: 9.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



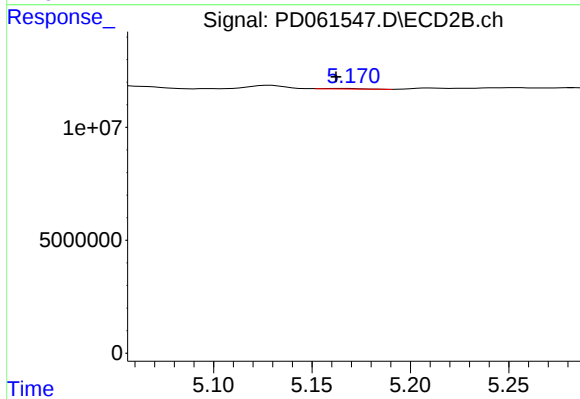
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 124460163
Conc: 10.26 ng/ml



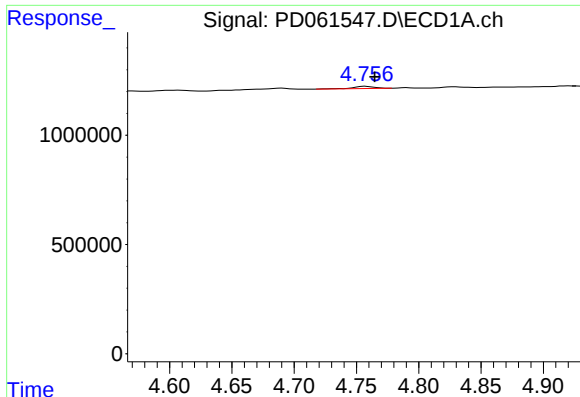
#4 Heptachlor

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



#4 Heptachlor

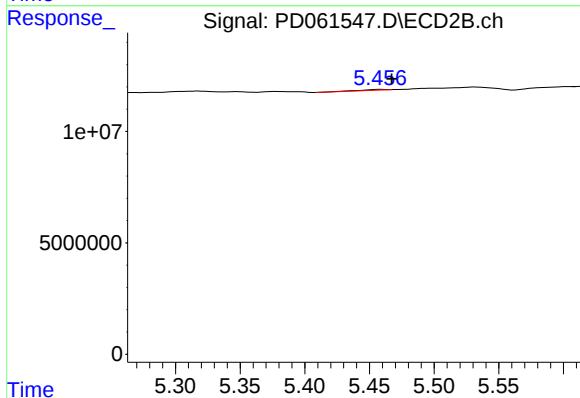
R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 336438
Conc: 0.03 ng/ml



#5 Aldrin

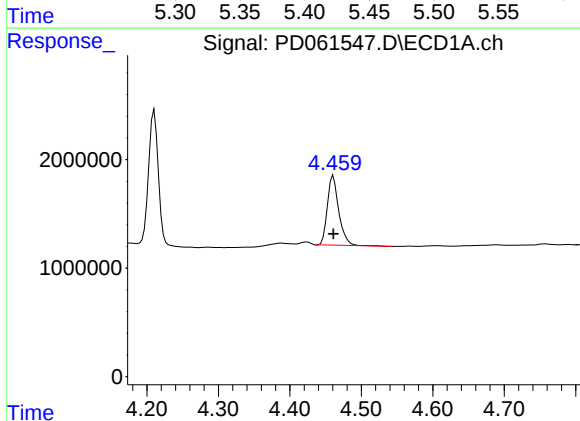
R.T.: 4.757 min
Delta R.T.: -0.007 min
Response: 128791
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



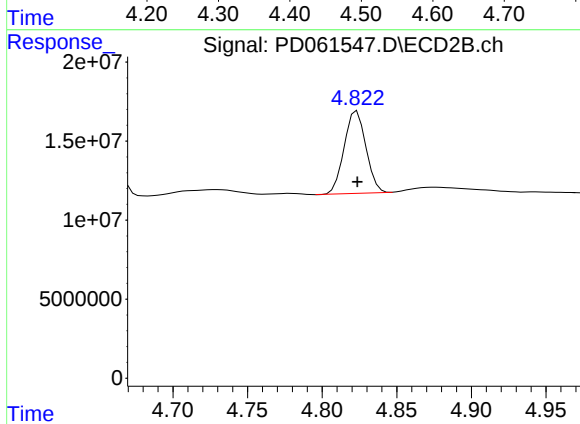
#5 Aldrin

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 478830
Conc: 0.04 ng/ml



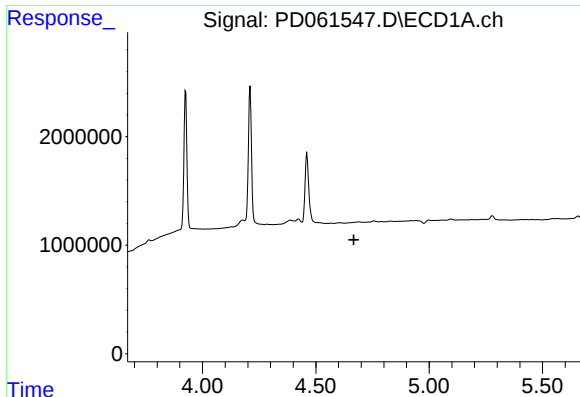
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 7164134
Conc: 13.55 ng/ml



#6 beta-BHC

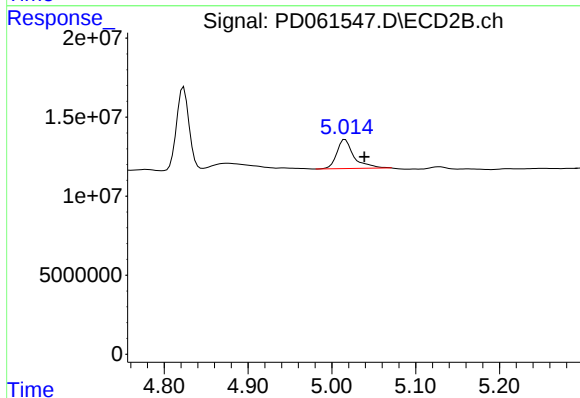
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 53028002
Conc: 10.87 ng/ml



#7 delta-BHC

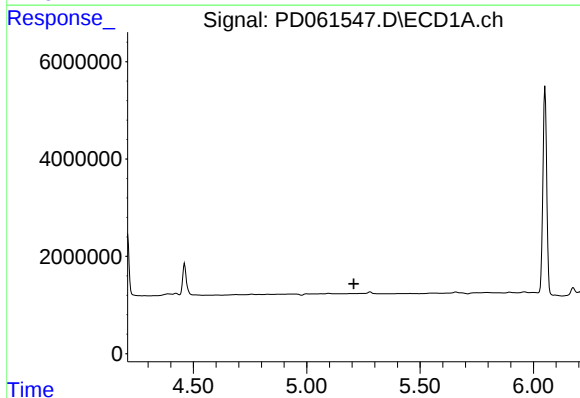
R.T.: 0.000 min
Exp R.T.: 4.667 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



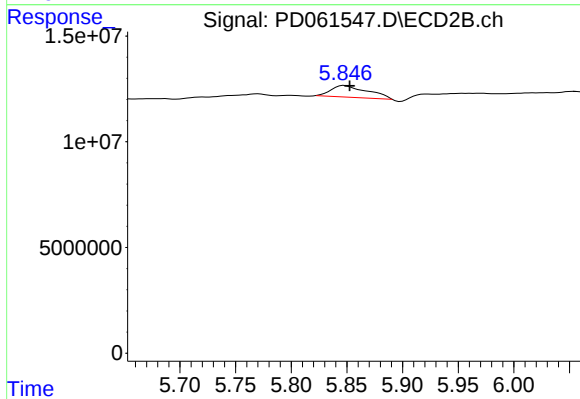
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: -0.023 min
Response: 25988226
Conc: 2.17 ng/ml



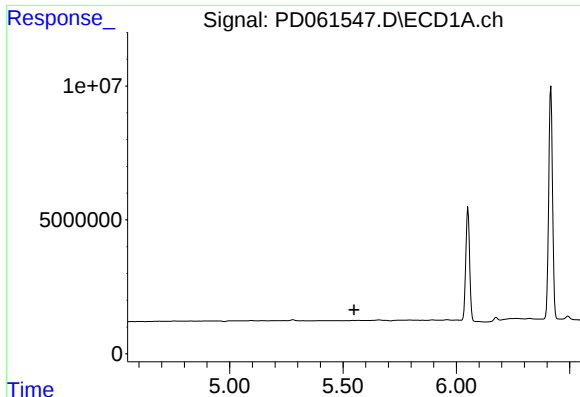
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

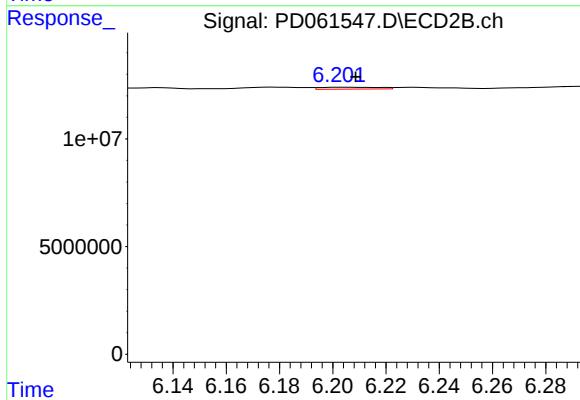
R.T.: 5.848 min
Delta R.T.: -0.005 min
Response: 12309824
Conc: 1.13 ng/ml



#9 Endosulfan I

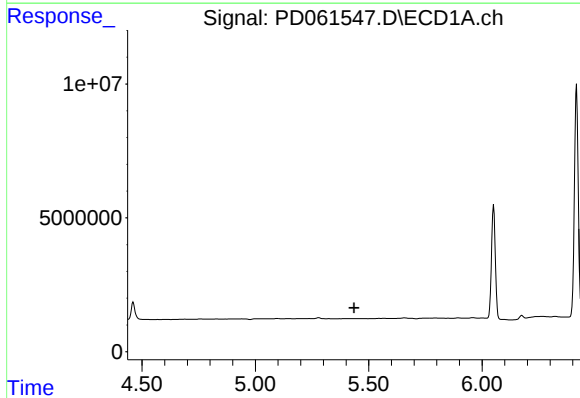
R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



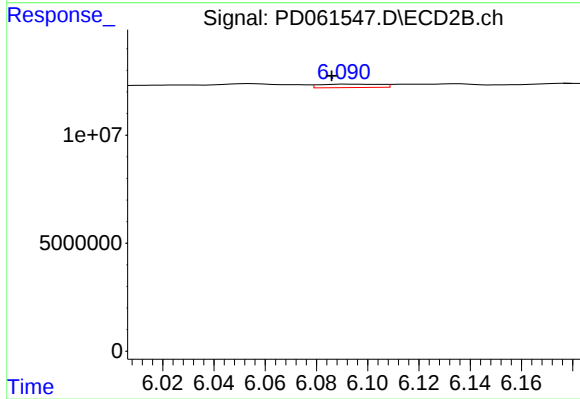
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: 1326653
Conc: 0.13 ng/ml



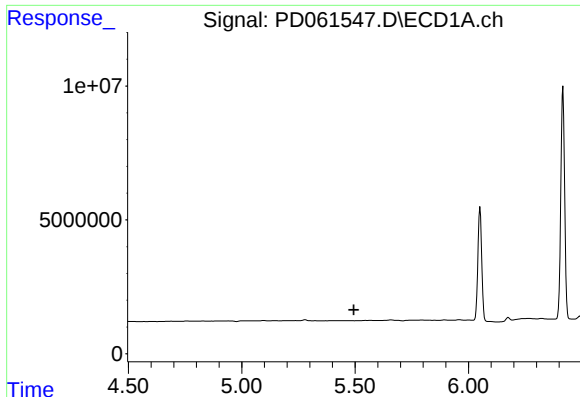
#10 gamma-Chlordane

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



#10 gamma-Chlordane

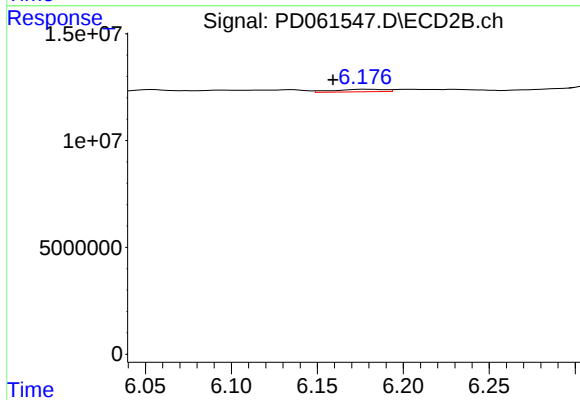
R.T.: 6.093 min
Delta R.T.: 0.007 min
Response: 2600775
Conc: 0.23 ng/ml



#11 alpha-Chlordane

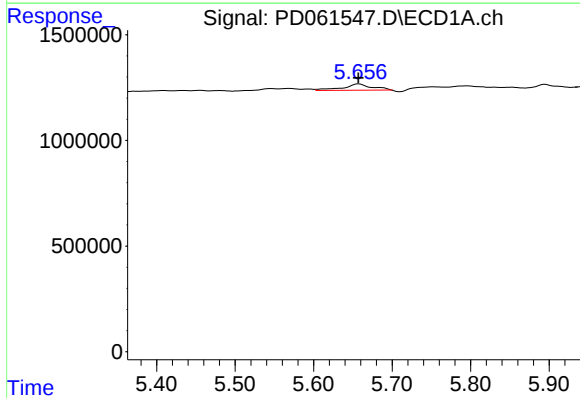
R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



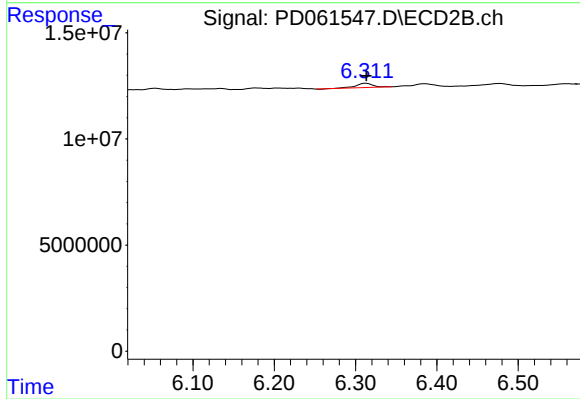
#11 alpha-Chlordane

R.T.: 6.178 min
Delta R.T.: 0.019 min
Response: 2412925
Conc: 0.22 ng/ml



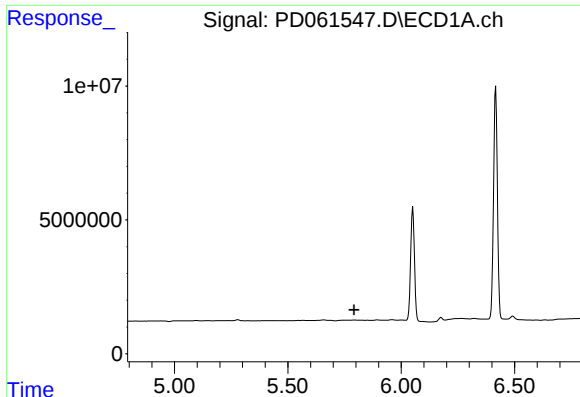
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 754438
Conc: 0.69 ng/ml



#12 4,4'-DDE

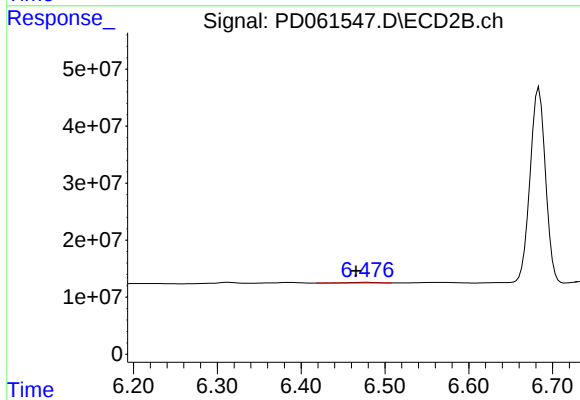
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2686089
Conc: 0.24 ng/ml



#13 Dieldrin

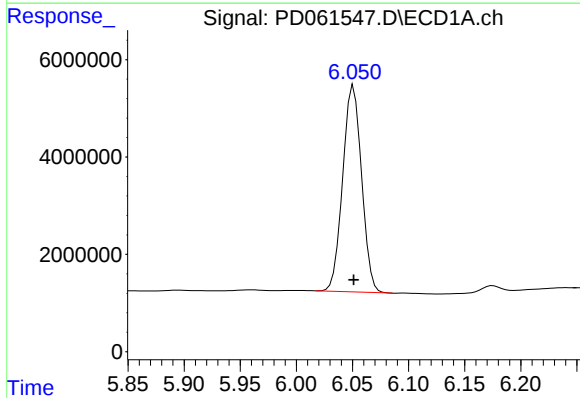
R.T.: 0.000 min
Exp R.T.: 5.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



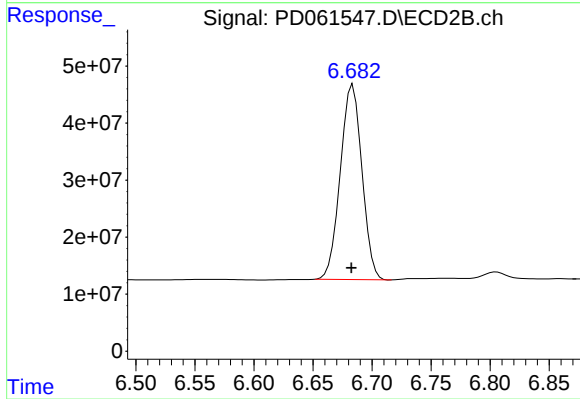
#13 Dieldrin

R.T.: 6.477 min
Delta R.T.: 0.012 min
Response: 2568184
Conc: 0.23 ng/ml



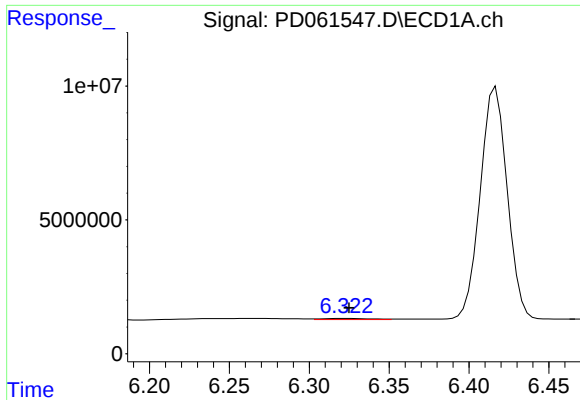
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 49606338
Conc: 46.97 ng/ml



#14 Endrin

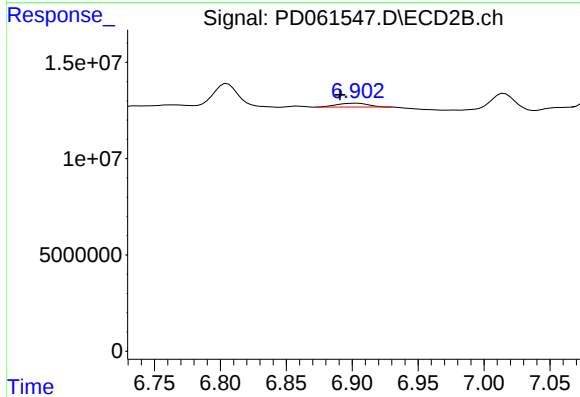
R.T.: 6.684 min
Delta R.T.: 0.001 min
Response: 436492094
Conc: 46.56 ng/ml



#15 Endosulfan II

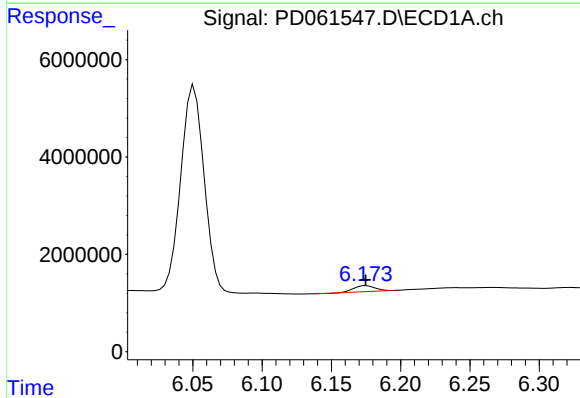
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 875359
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



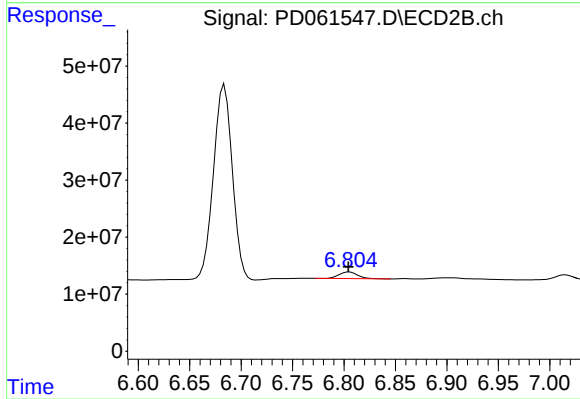
#15 Endosulfan II

R.T.: 6.904 min
Delta R.T.: 0.013 min
Response: 3385022
Conc: 0.38 ng/ml



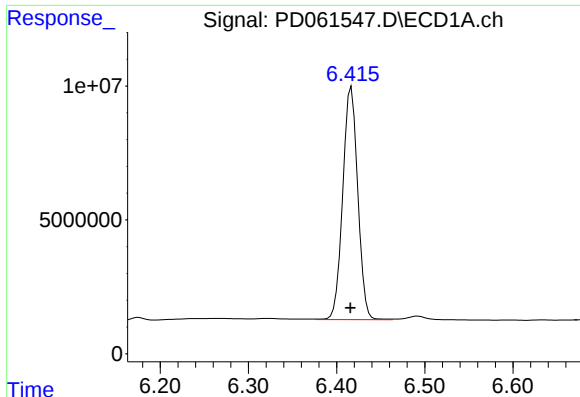
#16 4,4'-DDD

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1255917
Conc: 1.35 ng/ml



#16 4,4'-DDD

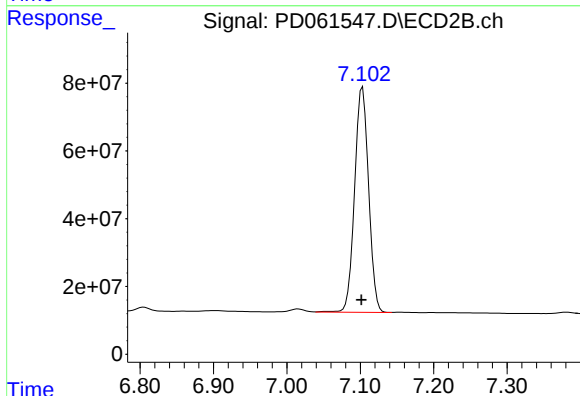
R.T.: 6.805 min
Delta R.T.: 0.001 min
Response: 14513501
Conc: 1.62 ng/ml



#17 4,4'-DDT

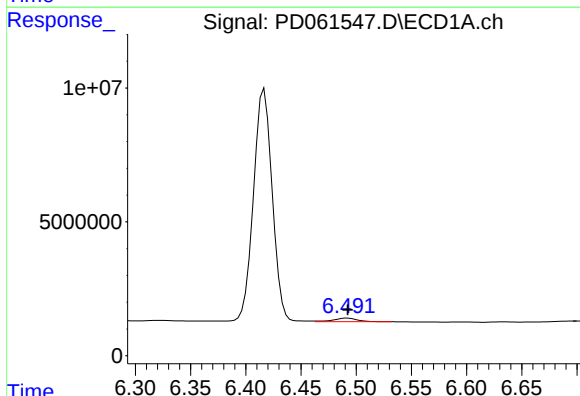
R.T.: 6.417 min
Delta R.T.: 0.001 min
Response: 102843925
Conc: 103.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



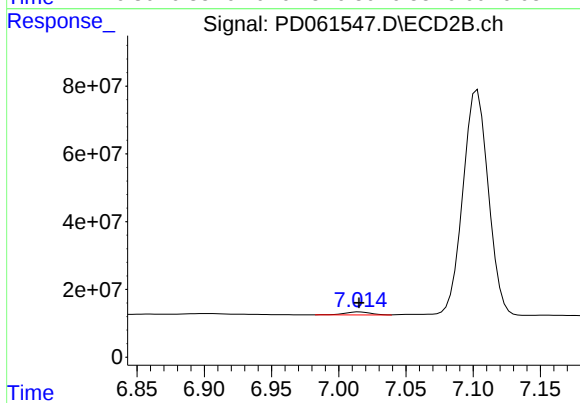
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 880561270
Conc: 95.20 ng/ml



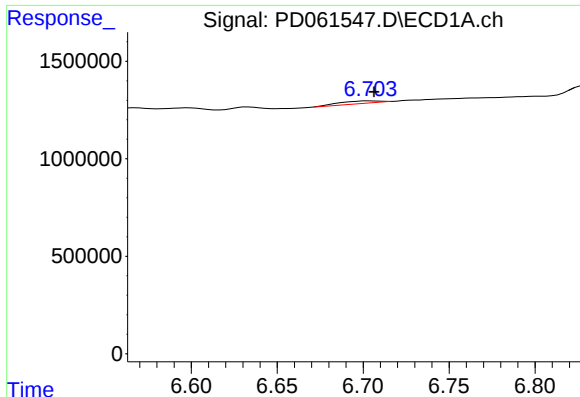
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 1969245
Conc: 2.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 11968616
Conc: 1.67 ng/ml



#19 Endosulfan Sulfate

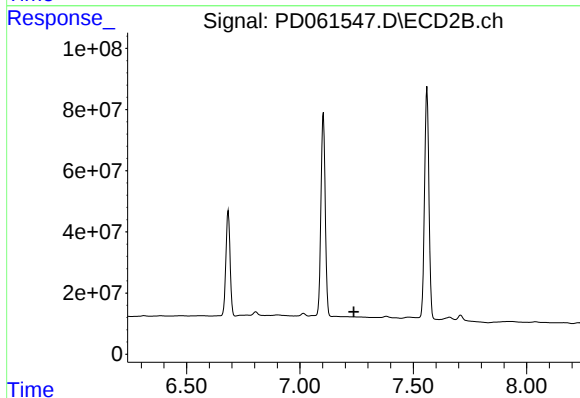
R.T.: 6.704 min

Delta R.T.: -0.002 min

Response: 213628

Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



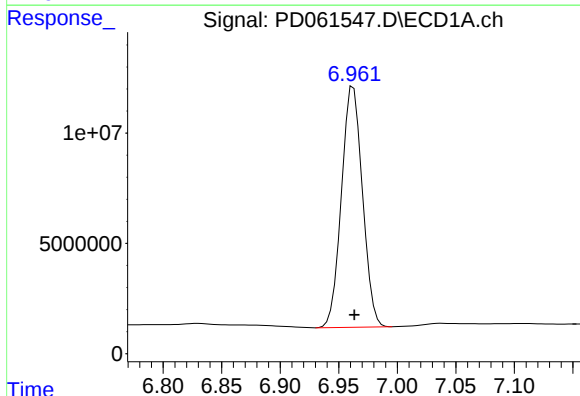
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 7.238 min

Response: 0

Conc: N.D.



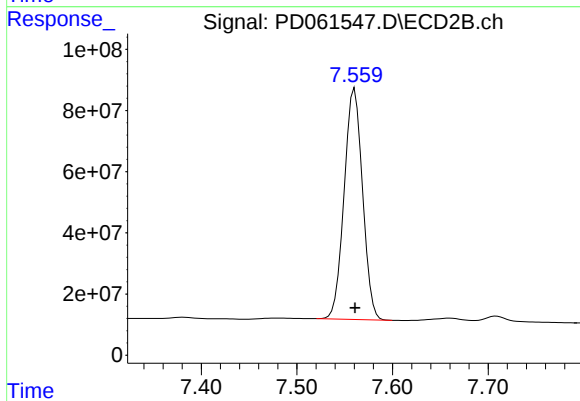
#20 Methoxychlor

R.T.: 6.962 min

Delta R.T.: 0.000 min

Response: 136499333

Conc: 242.16 ng/ml



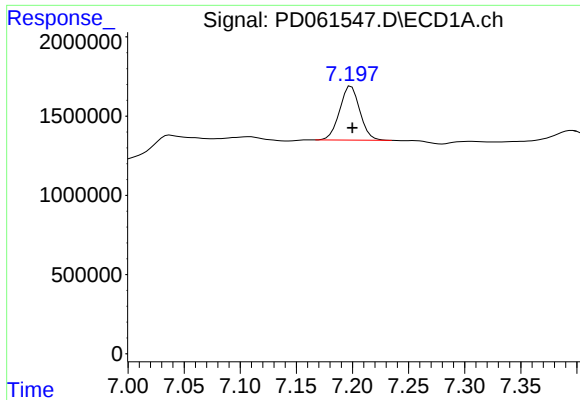
#20 Methoxychlor

R.T.: 7.560 min

Delta R.T.: 0.000 min

Response: 1012947195

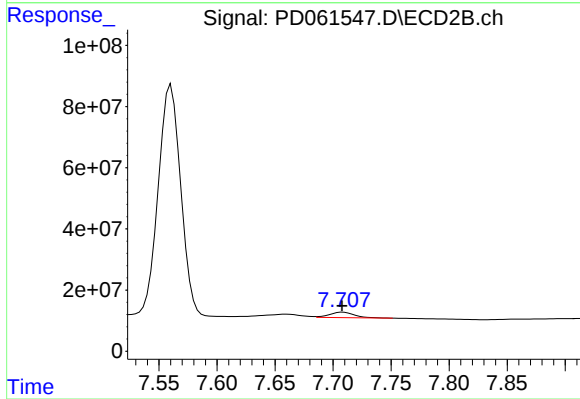
Conc: 218.95 ng/ml



#21 Endrin ketone

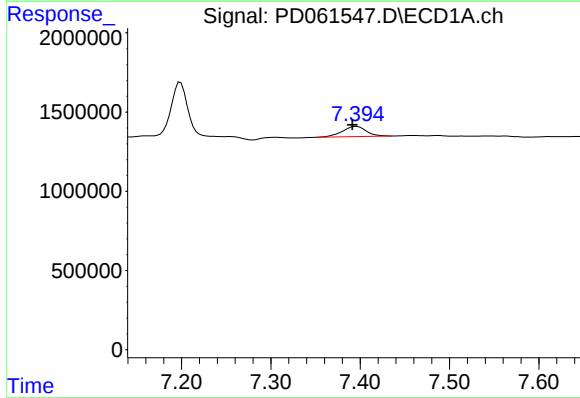
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 4267164
Conc: 3.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



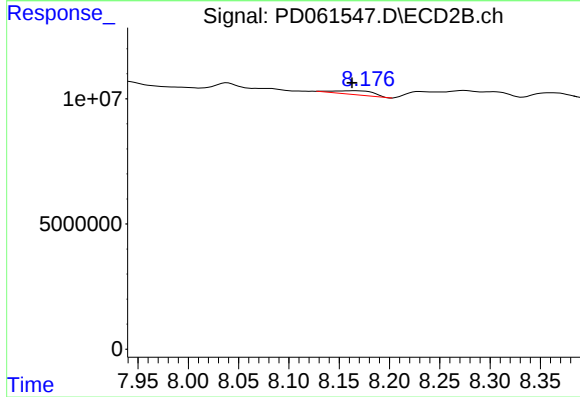
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 25678356
Conc: 2.78 ng/ml



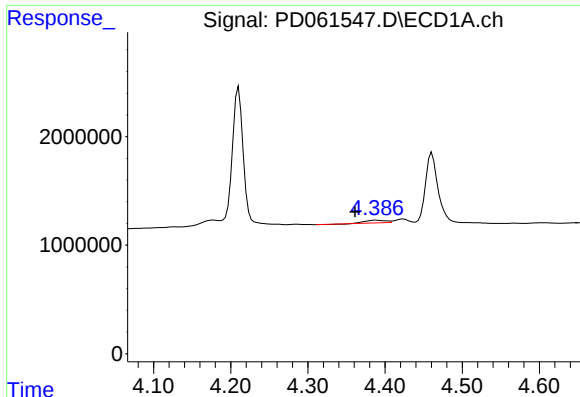
#22 Mirex

R.T.: 7.396 min
Delta R.T.: 0.005 min
Response: 1209023
Conc: 1.22 ng/ml



#22 Mirex

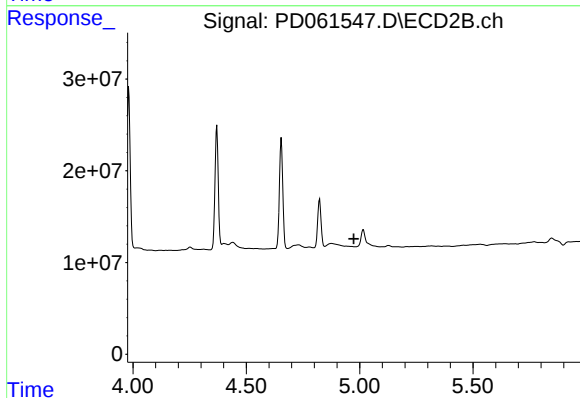
R.T.: 8.165 min
Delta R.T.: 0.003 min
Response: 4388694
Conc: 0.72 ng/ml



#23 Chlordane-1

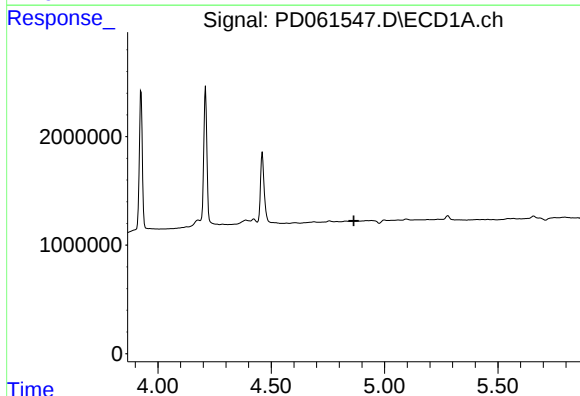
R.T.: 4.388 min
Delta R.T.: 0.027 min
Response: 452097
Conc: 12.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



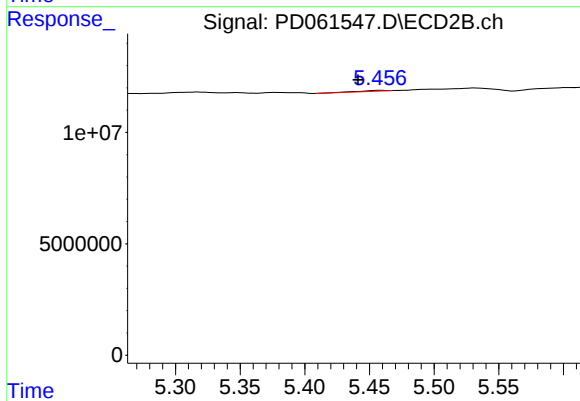
#23 Chlordane-1

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



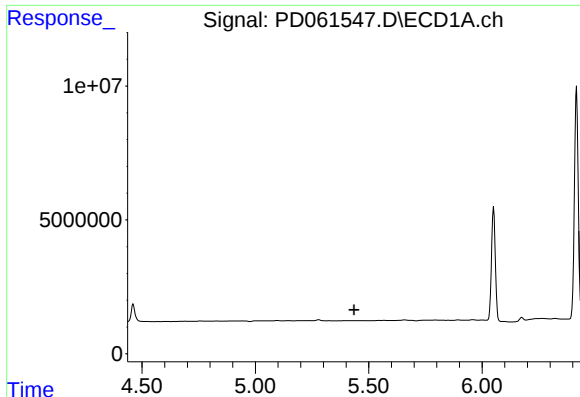
#24 Chlordane-2

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



#24 Chlordane-2

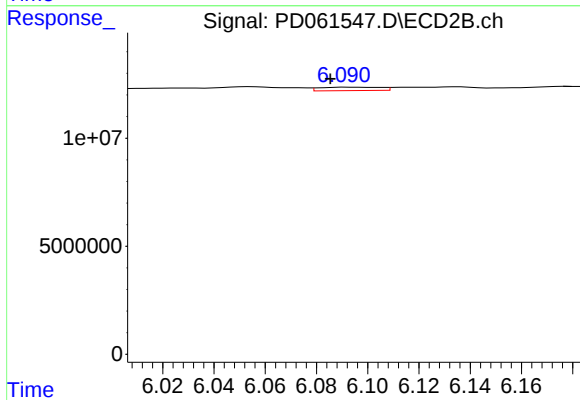
R.T.: 5.459 min
Delta R.T.: 0.018 min
Response: 478830
Conc: 1.19 ng/ml



#25 Chlordane-3

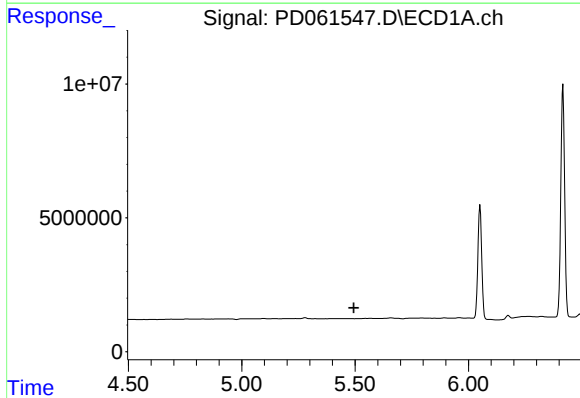
R.T.: 0.000 min
Exp R.T.: 5.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



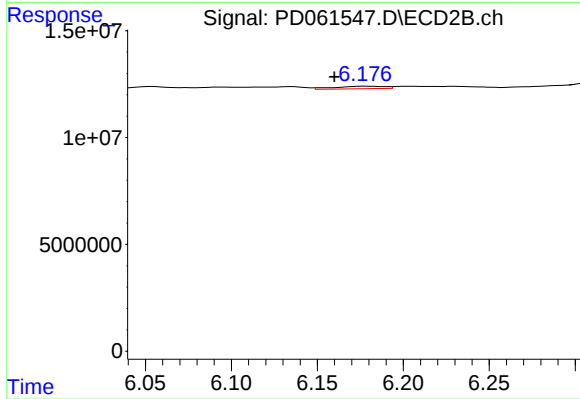
#25 Chlordane-3

R.T.: 6.093 min
Delta R.T.: 0.008 min
Response: 2600775
Conc: 1.49 ng/ml



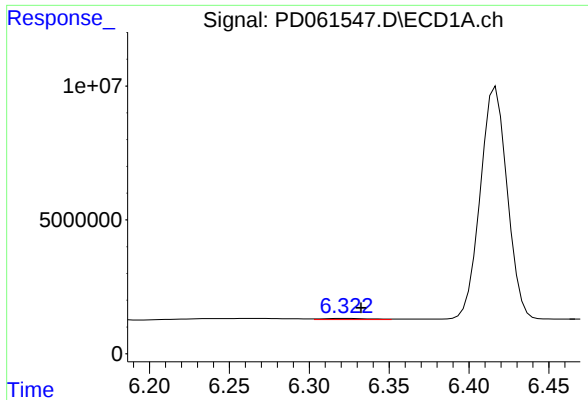
#26 Chlordane-4

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



#26 Chlordane-4

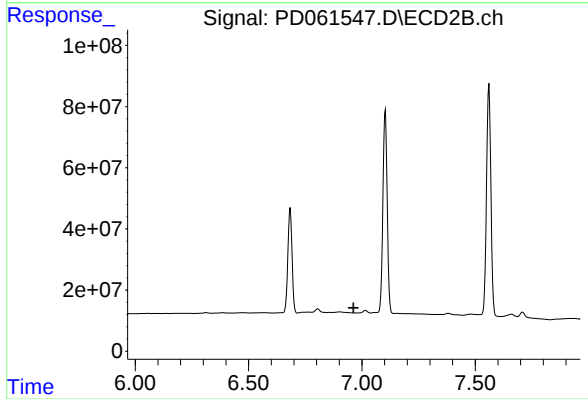
R.T.: 6.178 min
Delta R.T.: 0.018 min
Response: 2412925
Conc: 1.20 ng/ml



#27 Chlordane-5

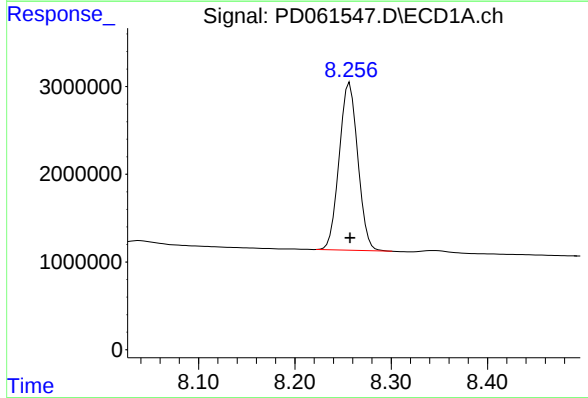
R.T.: 6.323 min
Delta R.T.: -0.010 min
Response: 875359
Conc: 18.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



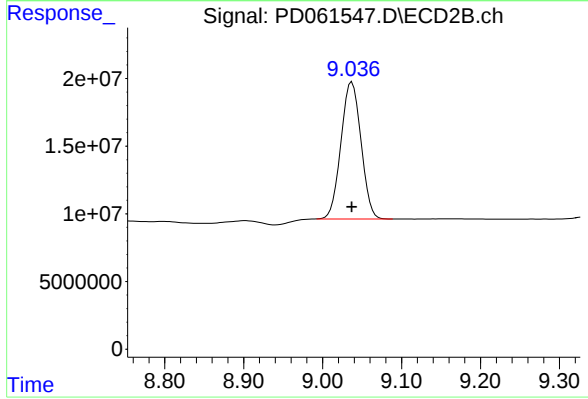
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 25624930
Conc: 21.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: 0.000 min
Response: 178842547
Conc: 20.73 ng/ml