

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
 Data File : PD071823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 13:32
 Operator : AR\AJ
 Sample : N4509-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 S1-SO_112D-20220902

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:34:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 2022
 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...	2.810	3.563	27093565	375.6E6	11.080	13.089
28)	SA Decachlor...	8.000	9.089	39089805	156.1E6	15.516	16.789
Target Compounds							
2)	A alpha-BHC	3.305	4.055f	1801121	2591548	0.467	0.065 #
3)	MA gamma-BHC...	3.632	4.361	1574102	73929500	0.448	2.252 #
4)	MA Heptachlor	4.013f	4.968f	64999119	1518976	17.385	0.063 #
5)	MB Aldrin	4.258f	5.257f	25090854	2974534	6.852	0.147 #
6)	B beta-BHC	3.942	4.583	1655184	1585891	1.092	0.120 #
7)	B delta-BHC	4.197f	4.841f	18005503	464.6E6	5.109	19.878 #
8)	B Heptachlo...	4.783	5.708	1177686	141.1E6	0.360	9.153 #
9)	A Endosulfan I	0.000	6.082f	0	7456171	N.D.	0.506 #
10)	B gamma-Chl...	5.018f	5.970	8726805	118.3E6	2.589	7.360 #
11)	B alpha-Chl...	5.116f	6.049	15066470	18964009	4.540	1.215 #
12)	B 4,4'-DDE	5.297	6.221	-537209	47680156	N.D.	3.237
13)	MA Dieldrin	5.430	6.368	5780624	1832851	1.728	0.121 #
14)	MA Endrin	5.713	6.605	599870	43716519	0.202	3.461 #
15)	B Endosulfa...	5.989	0.000	6589901	0	2.392	N.D. #
16)	A 4,4'-DDD	0.000	6.747	0	5049763	N.D.	0.425 #
17)	MA 4,4'-DDT	6.103	7.054	3356874	718543	1.275	0.058 #
18)	B Endrin al...	6.148f	0.000	899037	0	0.407	N.D. #
19)	B Endosulfa...	6.404	0.000	490580	0	0.183	N.D. #
20)	A Methoxychlor	6.662f	7.511f	1240648	834363	0.829	0.137 #
21)	B Endrin ke...	6.936f	0.000	349697	0	0.117	N.D. #
23)	Chlordane-1	3.821	4.719	1084552	53924363	10.664	56.194 #
24)	Chlordane-2	4.406	5.257	916653	2974534	7.512	4.302 #
25)	Chlordane-3	5.018f	5.970	8726805	118.3E6	25.665	53.835 #
26)	Chlordane-4	5.116f	6.049	15066470	18964009	47.953	7.380 #

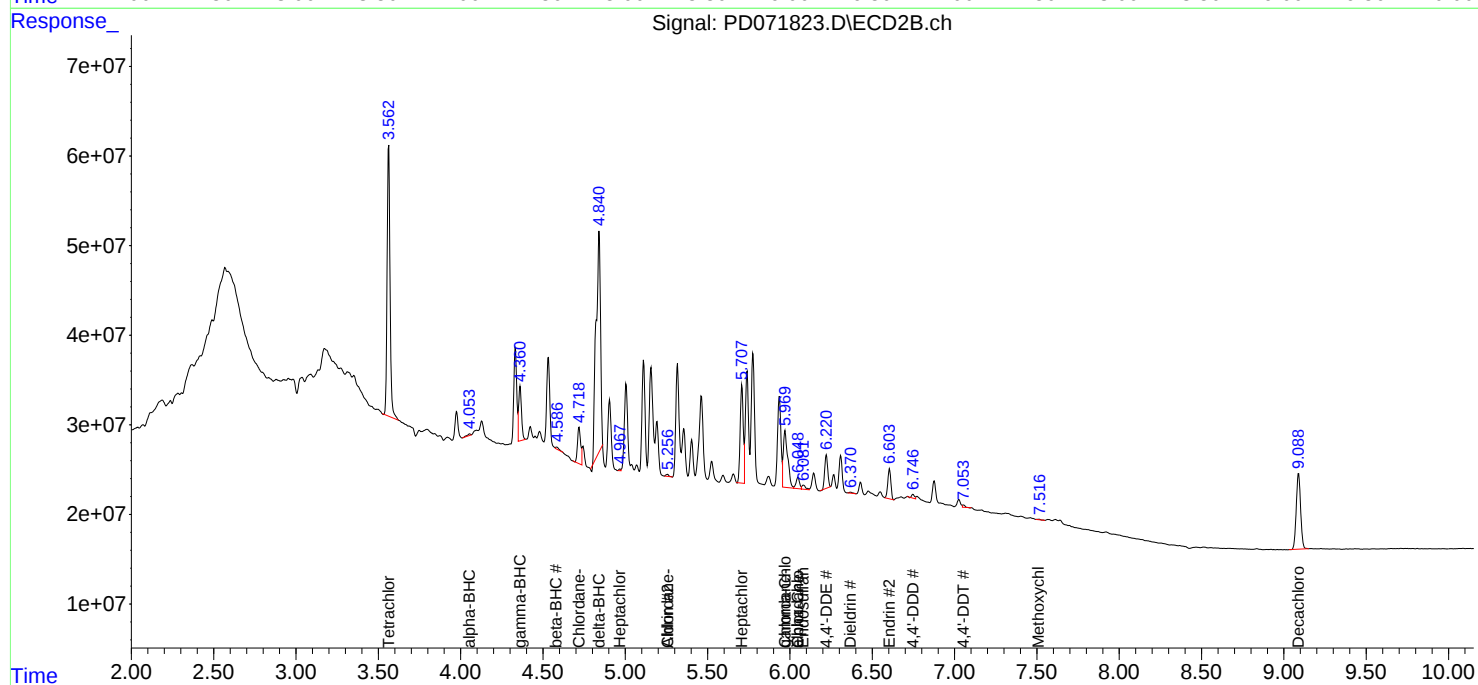
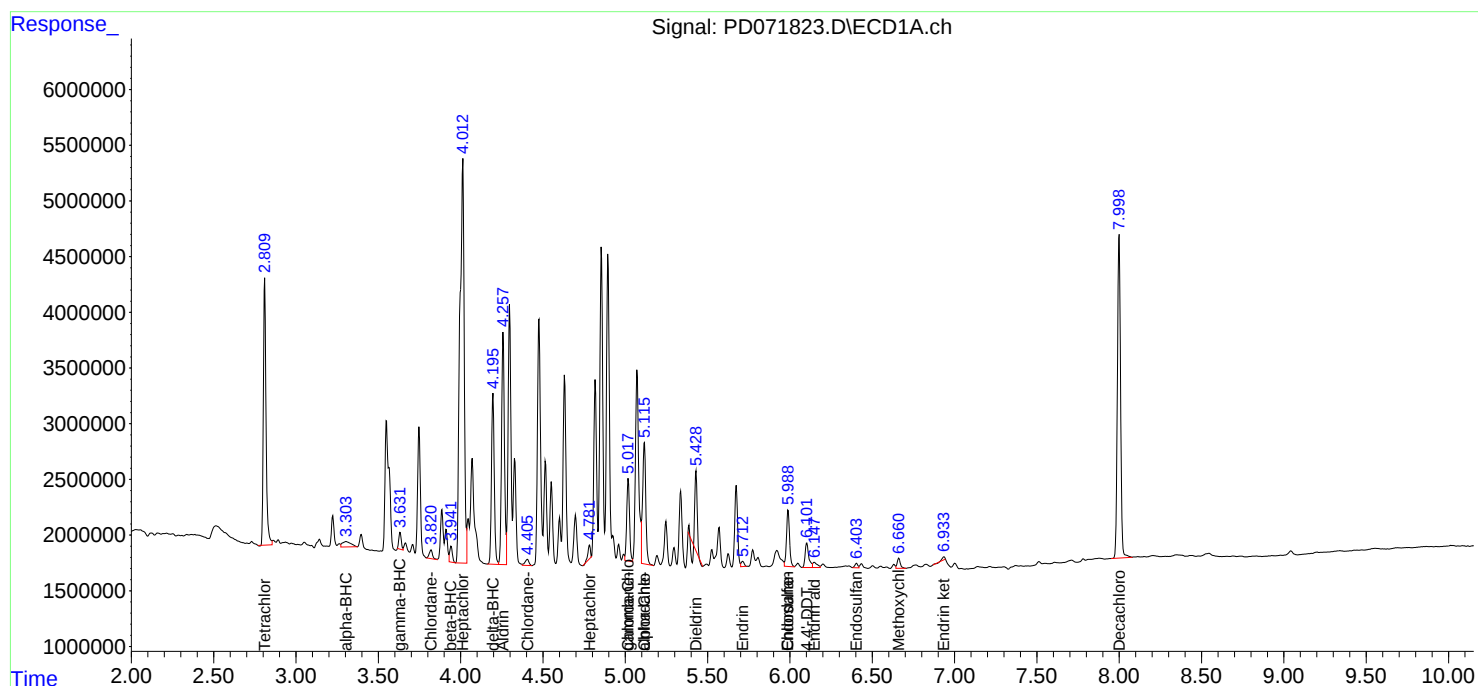
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

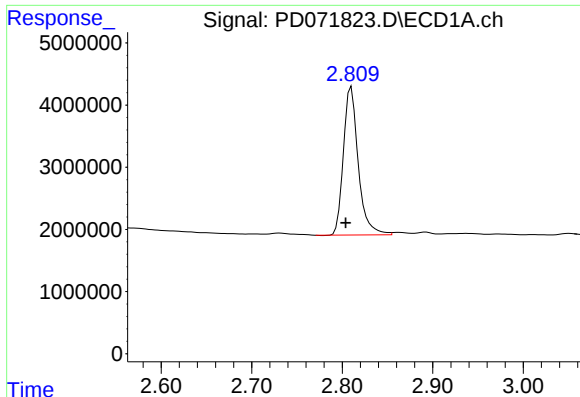
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
Data File : PD071823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2022 13:32
Operator : AR\AJ
Sample : N4509-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SI-SO_112D-20220902

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 04:34:03 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 2022
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

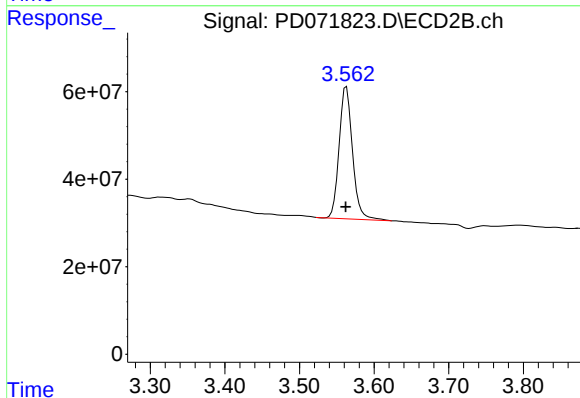




#1 Tetrachloro-m-xylene

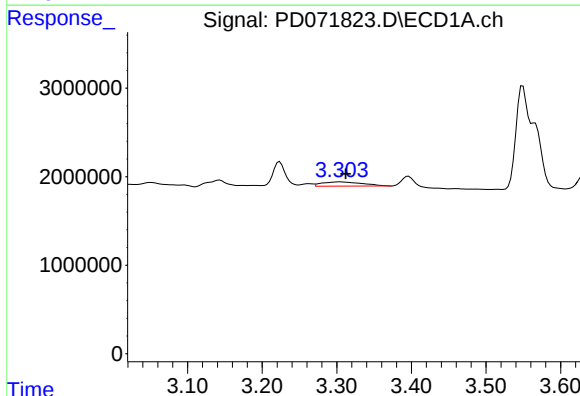
R.T.: 2.810 min
Delta R.T.: 0.006 min
Response: 27093565
Conc: 11.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



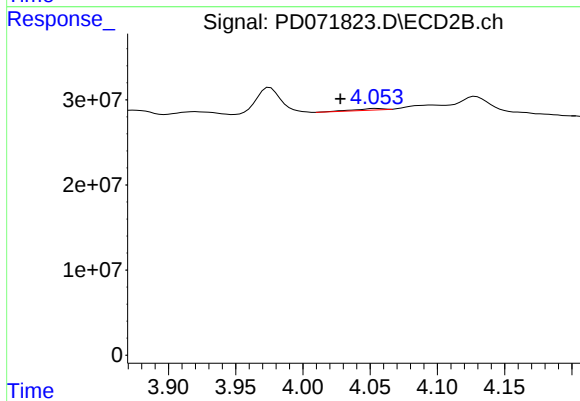
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 375587382
Conc: 13.09 ng/ml



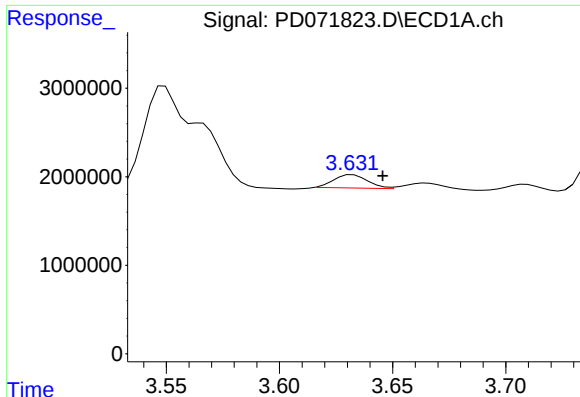
#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.008 min
Response: 1801121
Conc: 0.47 ng/ml



#2 alpha-BHC

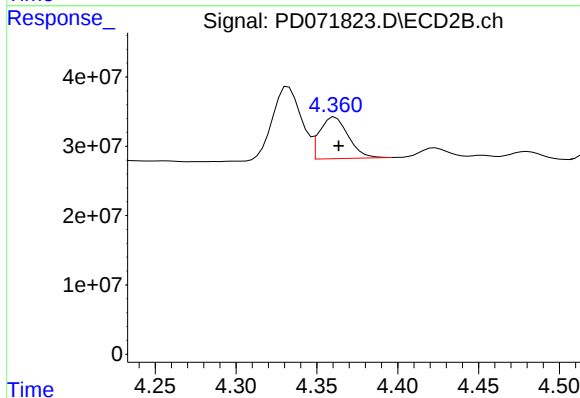
R.T.: 4.055 min
Delta R.T.: 0.027 min
Response: 2591548
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

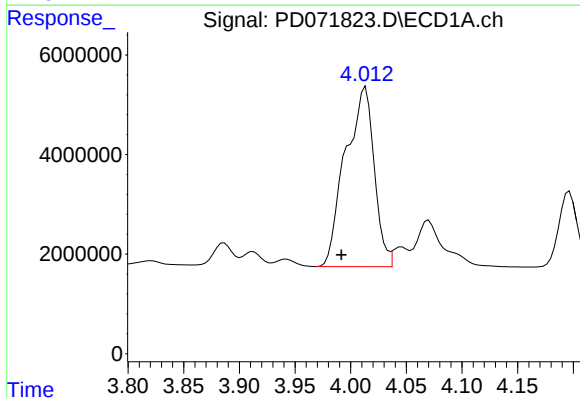
R.T.: 3.632 min
Delta R.T.: -0.013 min
Response: 1574102
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



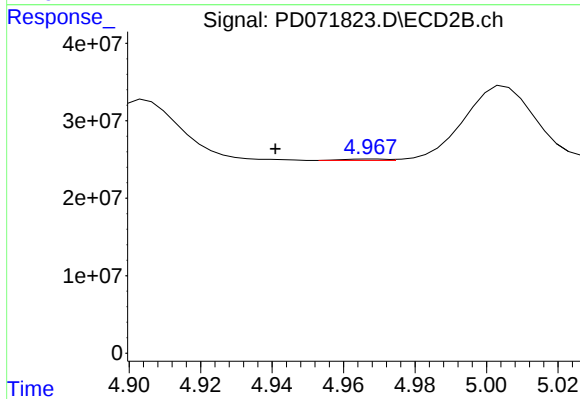
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 73929500
Conc: 2.25 ng/ml



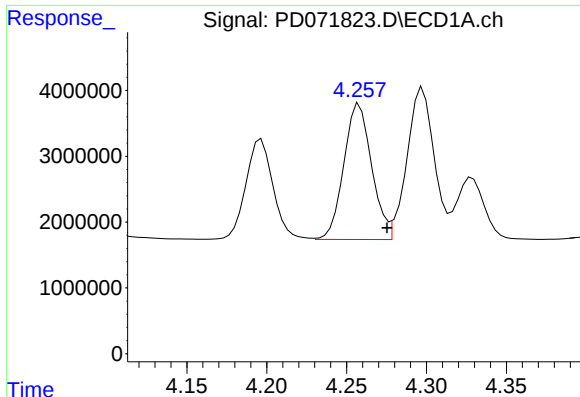
#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: 0.022 min
Response: 64999119
Conc: 17.39 ng/ml



#4 Heptachlor

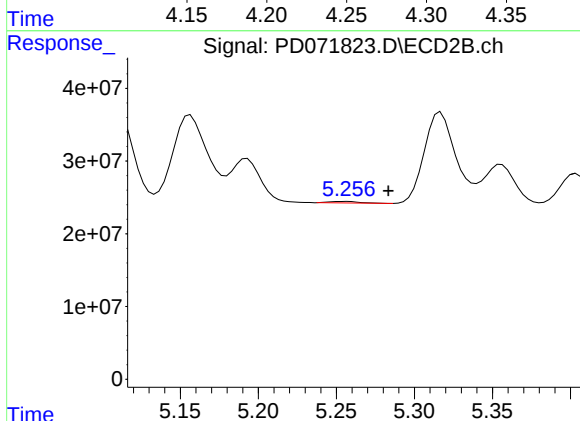
R.T.: 4.968 min
Delta R.T.: 0.027 min
Response: 1518976
Conc: 0.06 ng/ml



#5 Aldrin

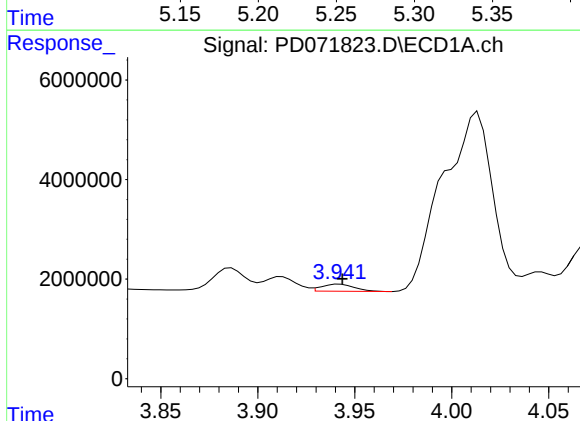
R.T.: 4.258 min
Delta R.T.: -0.017 min
Response: 25090854
Conc: 6.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



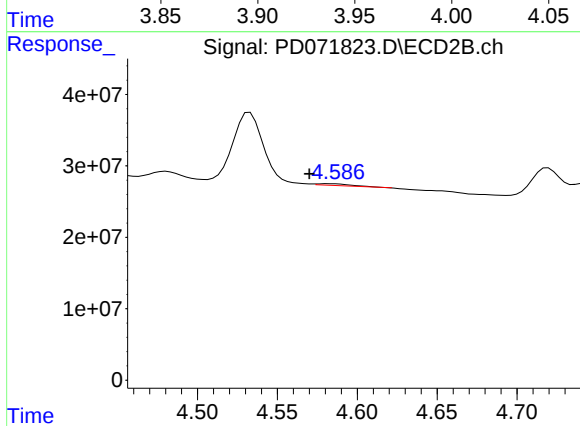
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.026 min
Response: 2974534
Conc: 0.15 ng/ml



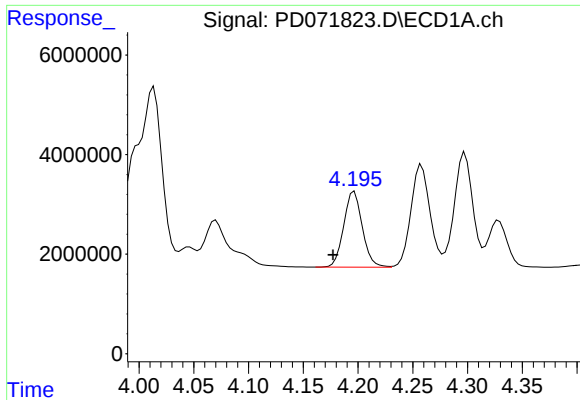
#6 beta-BHC

R.T.: 3.942 min
Delta R.T.: -0.001 min
Response: 1655184
Conc: 1.09 ng/ml



#6 beta-BHC

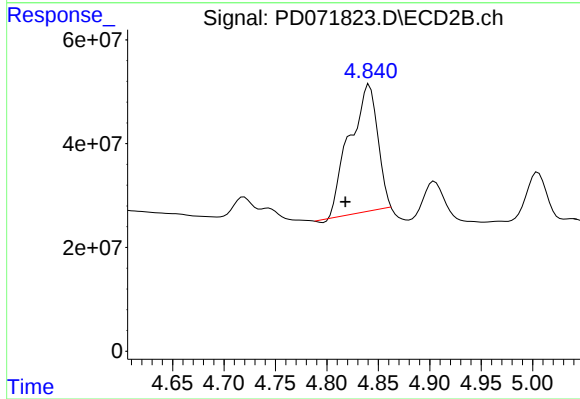
R.T.: 4.583 min
Delta R.T.: 0.013 min
Response: 1585891
Conc: 0.12 ng/ml



#7 delta-BHC

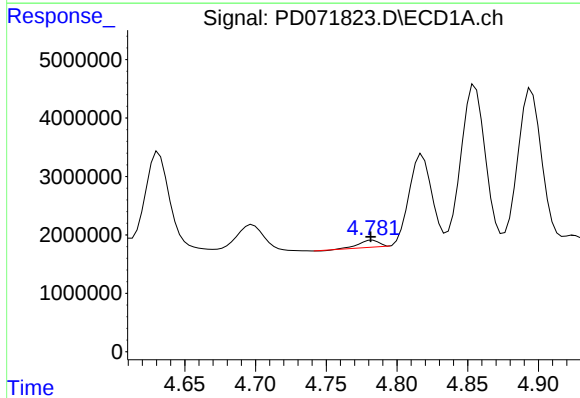
R.T.: 4.197 min
Delta R.T.: 0.019 min
Response: 18005503
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



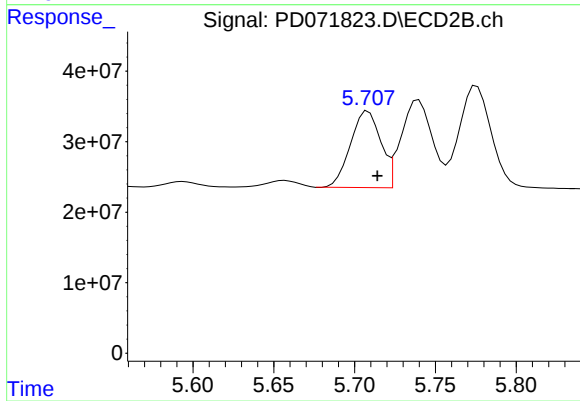
#7 delta-BHC

R.T.: 4.841 min
Delta R.T.: 0.023 min
Response: 464630322
Conc: 19.88 ng/ml



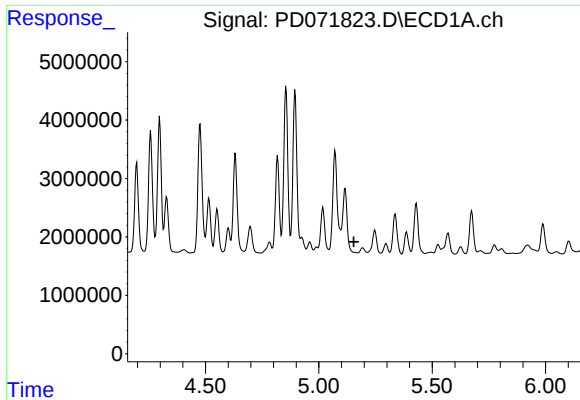
#8 Heptachlor epoxide

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 1177686
Conc: 0.36 ng/ml



#8 Heptachlor epoxide

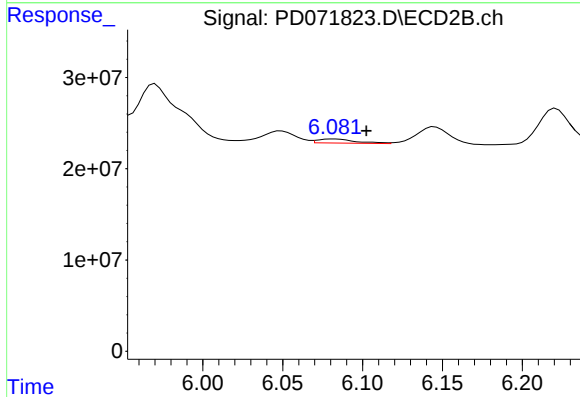
R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 141139178
Conc: 9.15 ng/ml



#9 Endosulfan I

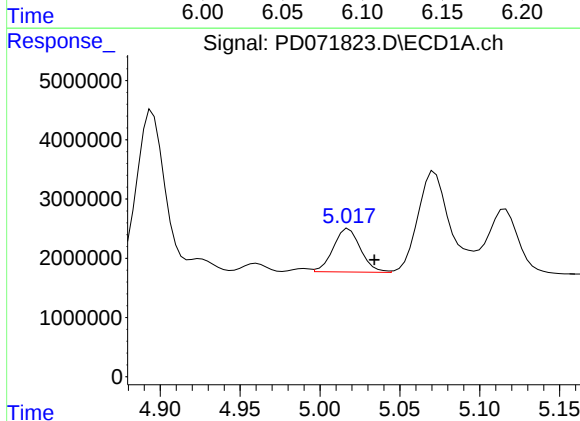
R.T.: 0.000 min
Exp R.T.: 5.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



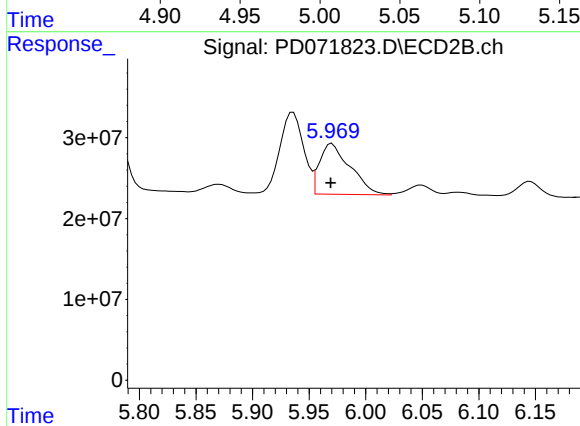
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: -0.020 min
Response: 7456171
Conc: 0.51 ng/ml



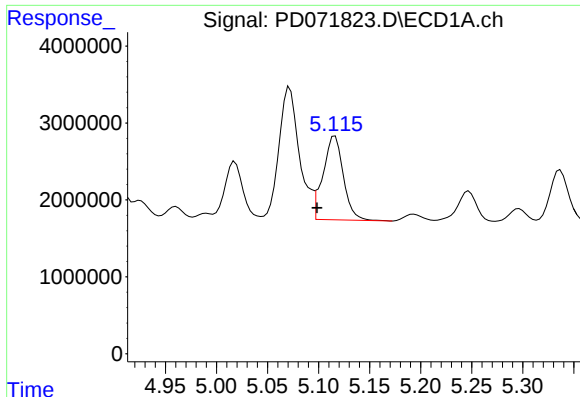
#10 gamma-Chlordane

R.T.: 5.018 min
Delta R.T.: -0.016 min
Response: 8726805
Conc: 2.59 ng/ml



#10 gamma-Chlordane

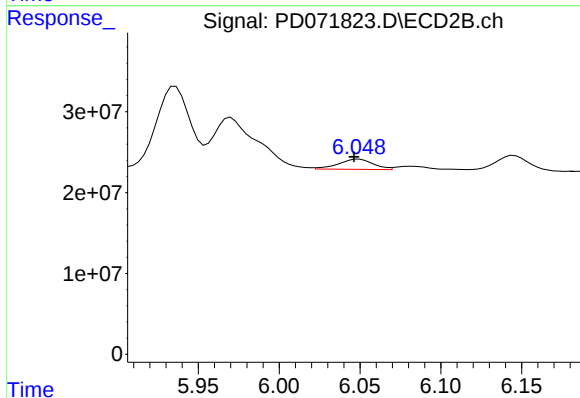
R.T.: 5.970 min
Delta R.T.: 0.001 min
Response: 118265890
Conc: 7.36 ng/ml



#11 alpha-Chlordane

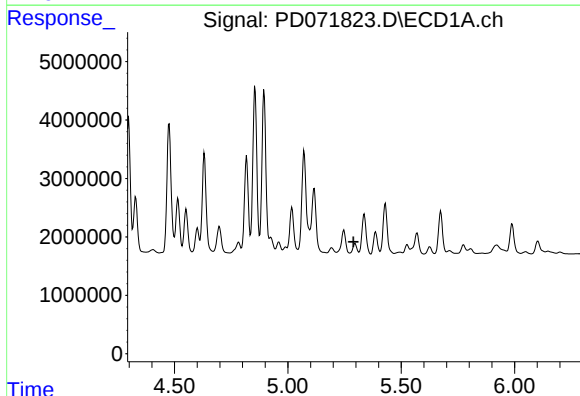
R.T.: 5.116 min
Delta R.T.: 0.017 min
Response: 15066470
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



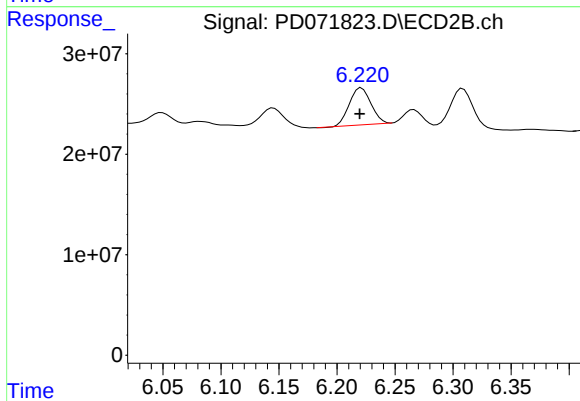
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.003 min
Response: 18964009
Conc: 1.22 ng/ml



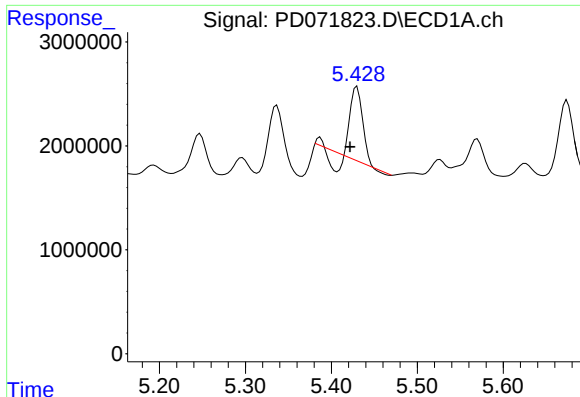
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.007 min
Response: -537209
Conc: N.D.



#12 4,4'-DDE

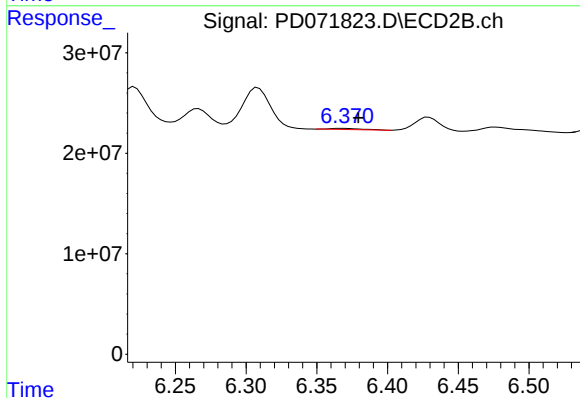
R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 47680156
Conc: 3.24 ng/ml



#13 Dieldrin

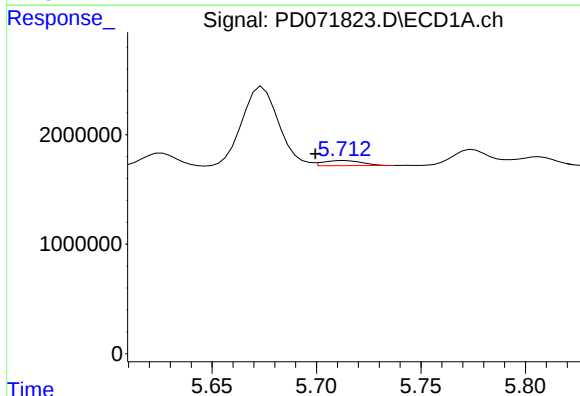
R.T.: 5.430 min
Delta R.T.: 0.008 min
Response: 5780624
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



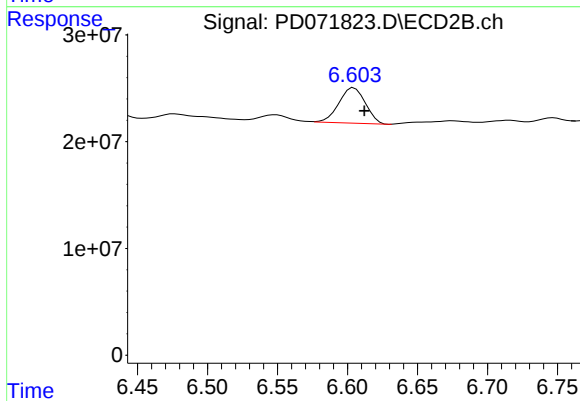
#13 Dieldrin

R.T.: 6.368 min
Delta R.T.: -0.012 min
Response: 1832851
Conc: 0.12 ng/ml



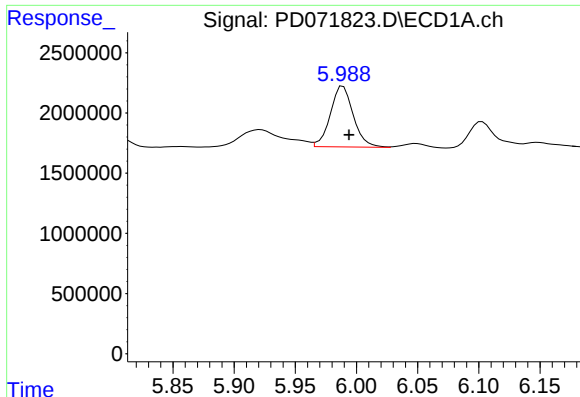
#14 Endrin

R.T.: 5.713 min
Delta R.T.: 0.014 min
Response: 599870
Conc: 0.20 ng/ml



#14 Endrin

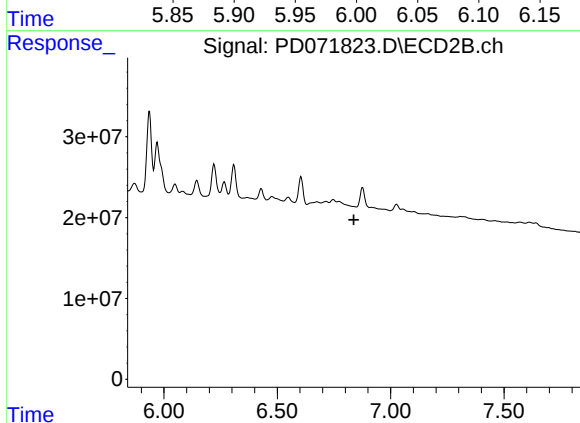
R.T.: 6.605 min
Delta R.T.: -0.008 min
Response: 43716519
Conc: 3.46 ng/ml



#15 Endosulfan II

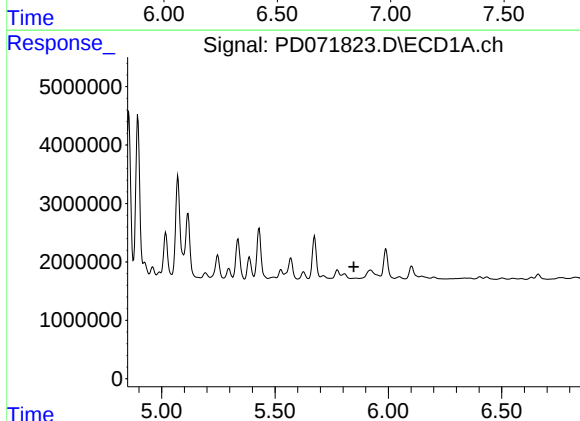
R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 6589901
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



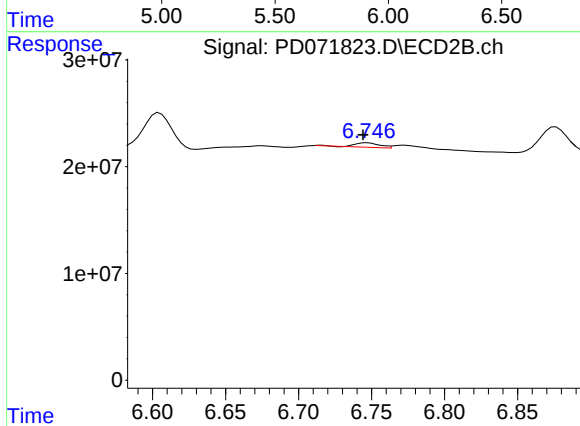
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.838 min
Response: 0
Conc: N.D.



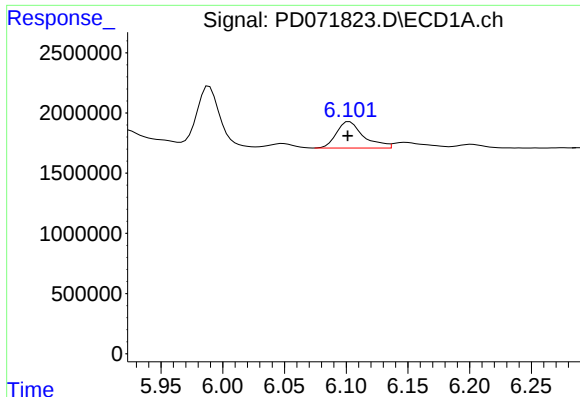
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.848 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

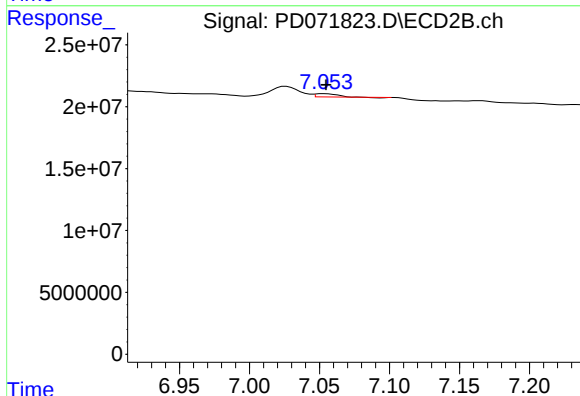
R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 5049763
Conc: 0.42 ng/ml



#17 4,4'-DDT

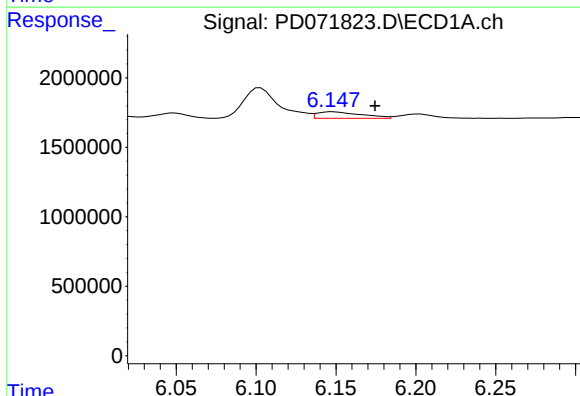
R.T.: 6.103 min
Delta R.T.: 0.002 min
Response: 3356874
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



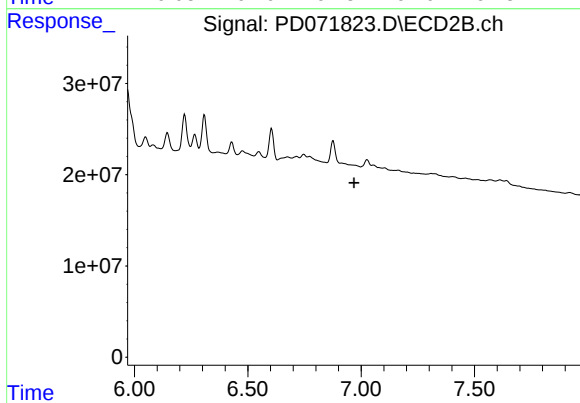
#17 4,4'-DDT

R.T.: 7.054 min
Delta R.T.: -0.001 min
Response: 718543
Conc: 0.06 ng/ml



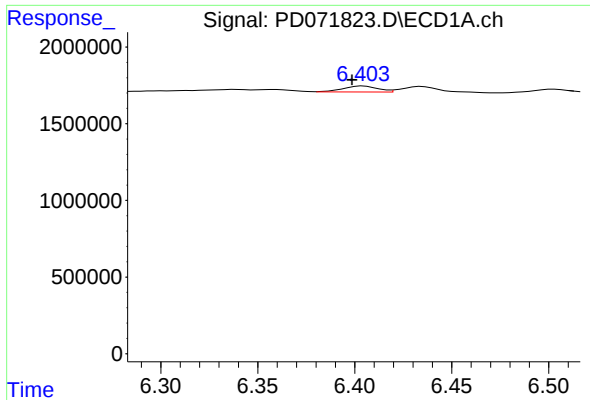
#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: -0.026 min
Response: 899037
Conc: 0.41 ng/ml



#18 Endrin aldehyde

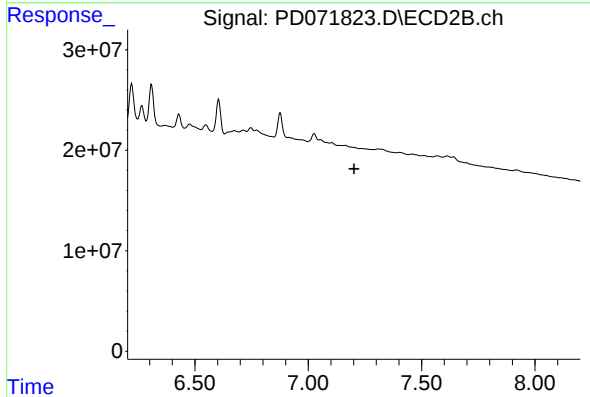
R.T.: 0.000 min
Exp R.T. : 6.969 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

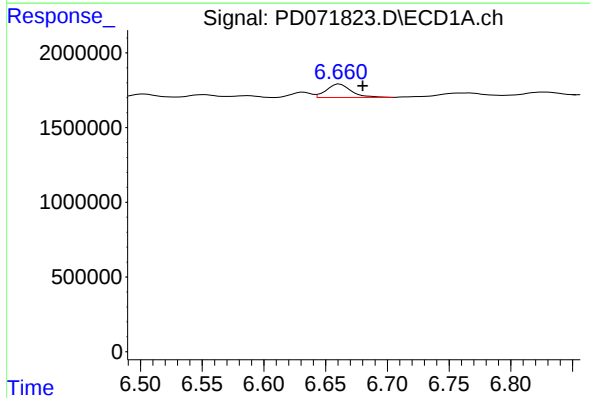
R.T.: 6.404 min
Delta R.T.: 0.006 min
Response: 490580
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



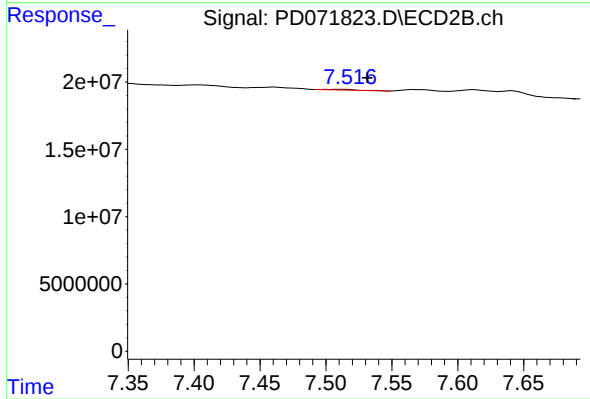
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.202 min
Response: 0
Conc: N.D.



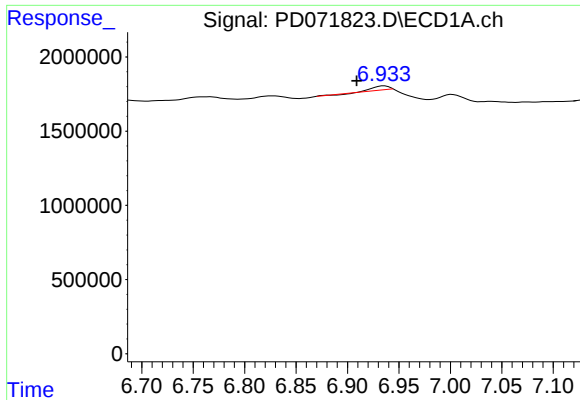
#20 Methoxychlor

R.T.: 6.662 min
Delta R.T.: -0.019 min
Response: 1240648
Conc: 0.83 ng/ml



#20 Methoxychlor

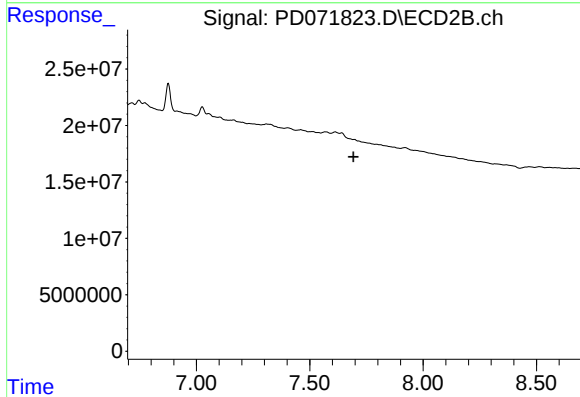
R.T.: 7.511 min
Delta R.T.: -0.020 min
Response: 834363
Conc: 0.14 ng/ml



#21 Endrin ketone

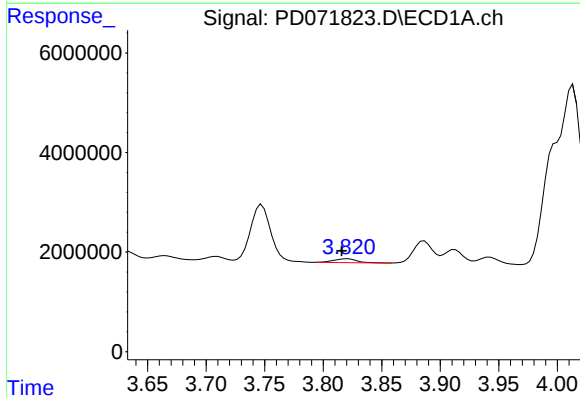
R.T.: 6.936 min
Delta R.T.: 0.027 min
Response: 349697
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



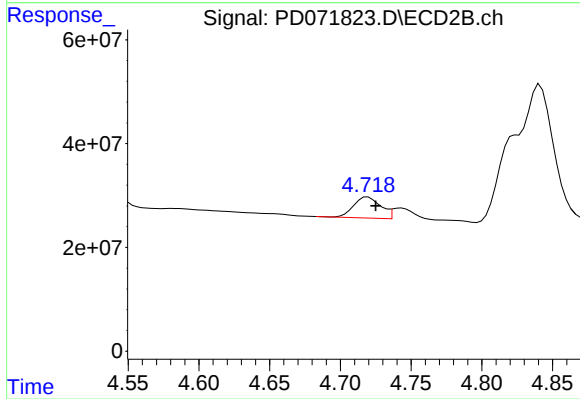
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.693 min
Response: 0
Conc: N.D.



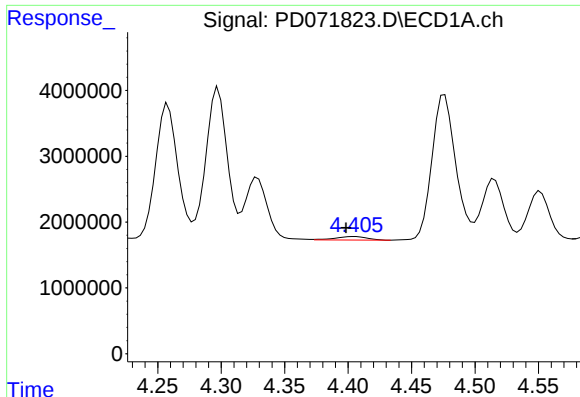
#23 Chlordane-1

R.T.: 3.821 min
Delta R.T.: 0.005 min
Response: 1084552
Conc: 10.66 ng/ml



#23 Chlordane-1

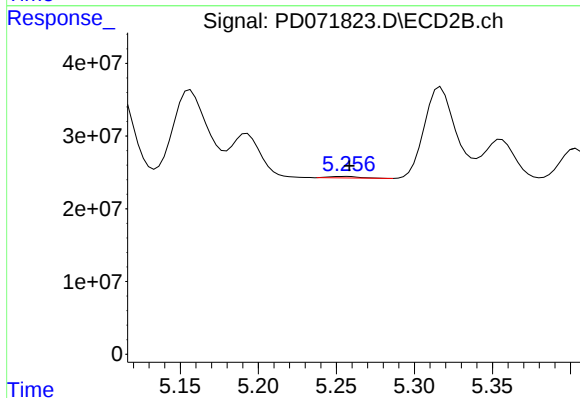
R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 53924363
Conc: 56.19 ng/ml



#24 Chlordane-2

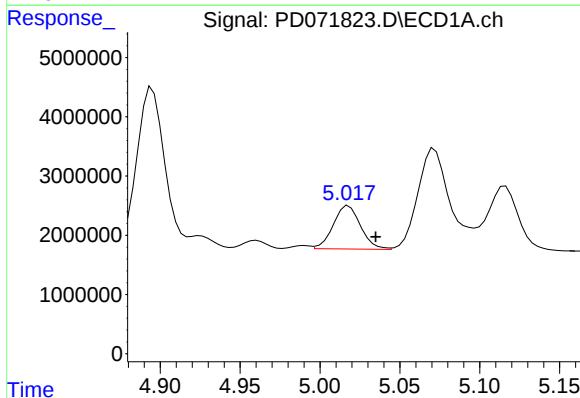
R.T.: 4.406 min
Delta R.T.: 0.007 min
Response: 916653
Conc: 7.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



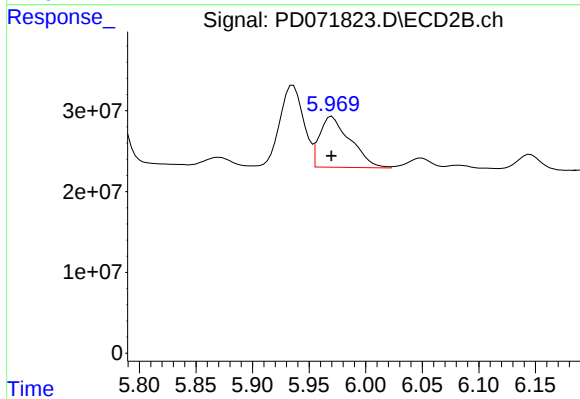
#24 Chlordane-2

R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 2974534
Conc: 4.30 ng/ml



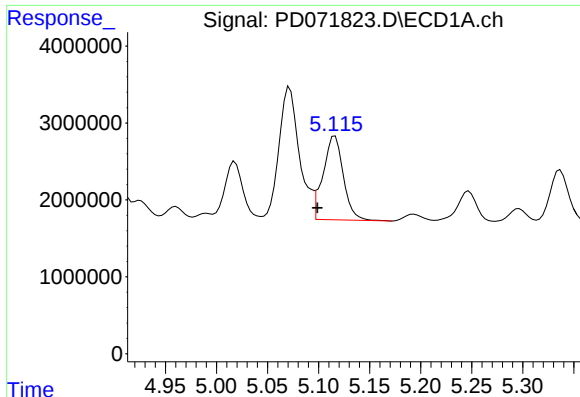
#25 Chlordane-3

R.T.: 5.018 min
Delta R.T.: -0.017 min
Response: 8726805
Conc: 25.67 ng/ml



#25 Chlordane-3

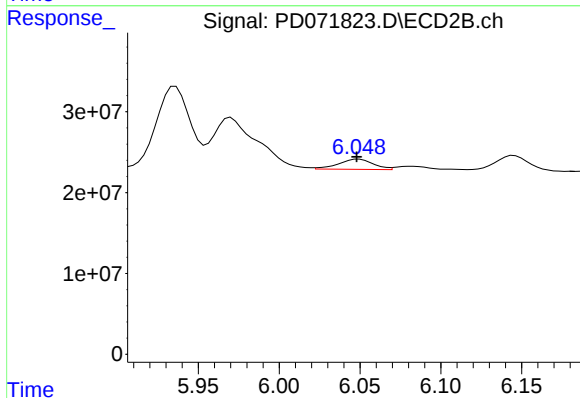
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 118265890
Conc: 53.84 ng/ml



#26 Chlordane-4

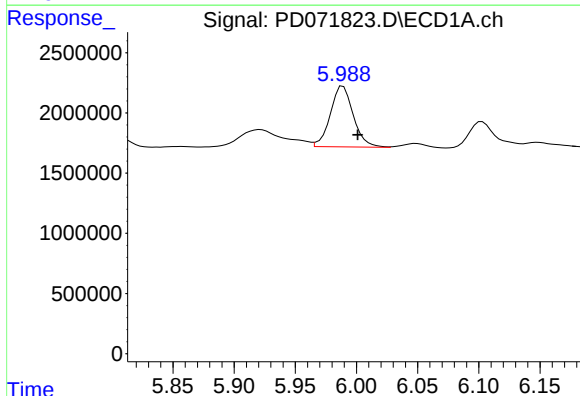
R.T.: 5.116 min
Delta R.T.: 0.017 min
Response: 15066470
Conc: 47.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



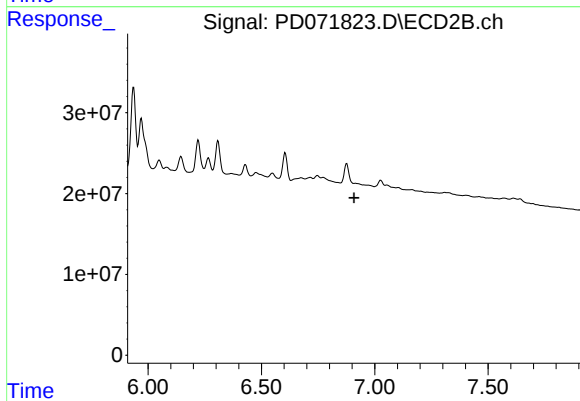
#26 Chlordane-4

R.T.: 6.049 min
Delta R.T.: 0.001 min
Response: 18964009
Conc: 7.38 ng/ml



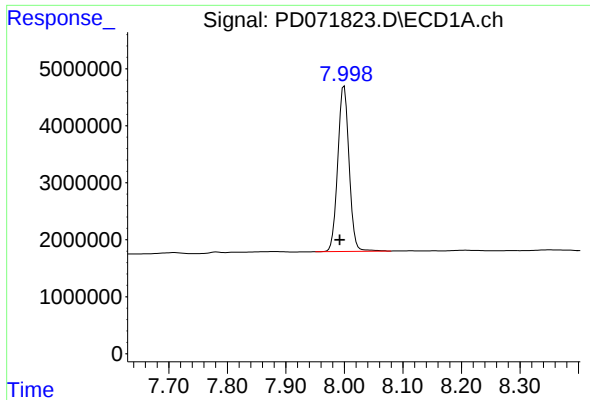
#27 Chlordane-5

R.T.: 5.989 min
Delta R.T.: -0.012 min
Response: 6589901
Conc: 52.82 ng/ml



#27 Chlordane-5

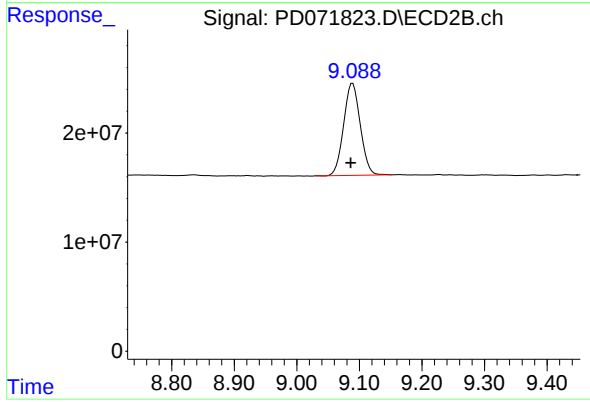
R.T.: 6.915 min
Delta R.T.: 0.005 min
Response: -44351521
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.000 min
Delta R.T.: 0.007 min
Response: 39089805
Conc: 15.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_112D-20220902



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.003 min
Response: 156088399
Conc: 16.79 ng/ml