

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
 Data File : PD071830.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 15:55
 Operator : AR\AJ
 Sample : N4509-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 S1-SO_UNK-20220902

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:36:43 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...	2.806	3.564	54702148	663.4E6	22.371	23.120
28)	SA Decachlor...	7.996	9.090	51125576	207.6E6	20.294	22.329
Target Compounds							
3)	MA gamma-BHC...	3.661f	4.362	596938	55940404	0.170	1.704 #
4)	MA Heptachlor	4.009f	4.941	63198724	141862	16.904	0.006 #
5)	MB Aldrin	4.292f	5.258f	33131630	24785824	9.048	1.223 #
6)	B beta-BHC	3.938	4.581	1592410	20874068	1.051	1.579 #
7)	B delta-BHC	4.191	4.844f	28122791	427.4E6	7.980	18.284 #
8)	B Heptachlo...	4.779	5.708	1847149	225.3E6	0.565	14.613 #
9)	A Endosulfan I	5.186f	6.112	3756902	10591318	1.182	0.718 #
10)	B gamma-Chl...	5.036	5.972	22215445	322.3E6	6.590	20.057 #
11)	B alpha-Chl...	5.105	6.050	51273506	212.8E6	15.450	13.637
12)	B 4,4'-DDE	5.292	6.222	4538644	148.1E6	1.483	10.051 #
13)	MA Dieldrin	5.425	6.381	17439667	12666500	5.214	0.836 #
14)	MA Endrin	5.709	6.606	2405168	69505878	0.812	5.503 #
15)	B Endosulfa...	5.985	6.815f	14369970	949245	5.217	0.077 #
16)	A 4,4'-DDD	5.850	6.747	5347352	30964960	2.109	2.605
17)	MA 4,4'-DDT	6.099	7.057	11070967	19965162	4.206	1.616 #
18)	B Endrin al...	6.198f	6.964	1327974	4741472	0.600	0.491
19)	B Endosulfa...	6.401	7.192	2289208	394193	0.854	0.035 #
20)	A Methoxychlor	6.657f	7.519	4658603	279719	3.111	0.046 #
21)	B Endrin ke...	0.000	7.707	0	15455422	N.D.	1.243 #
22)	Mirex	0.000	8.139f	0	2379707	N.D.	0.275 #
23)	Chlordane-1	3.817	4.724	7557522	113.6E6	74.313	118.342 #
24)	Chlordane-2	4.401	5.258	5641694	24785824	46.232	35.851
25)	Chlordane-3	5.036	5.972	22215445	322.3E6	65.335	146.698 #
26)	Chlordane-4	5.105	6.050	51273506	212.8E6	163.191	82.798 #
27)	Chlordane-5	5.985f	6.909	14369970	-37516401	115.179	N.D. #

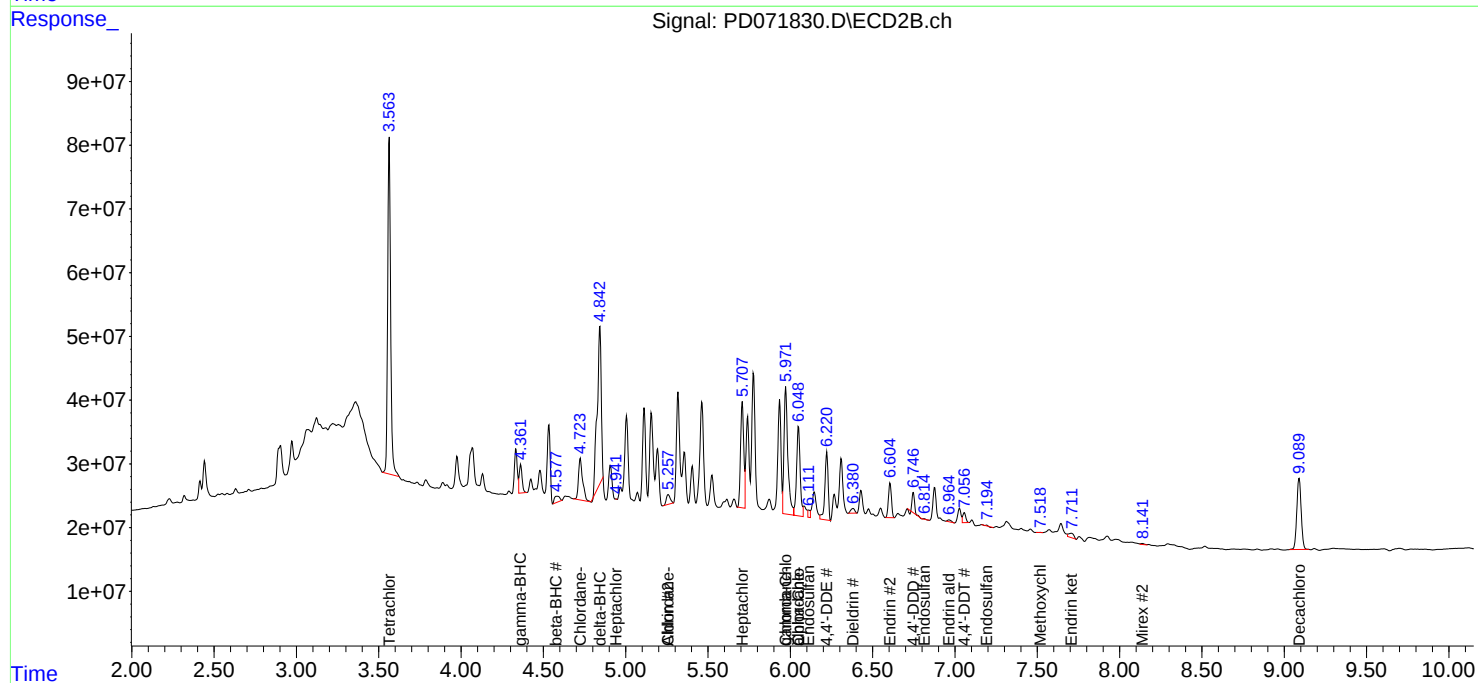
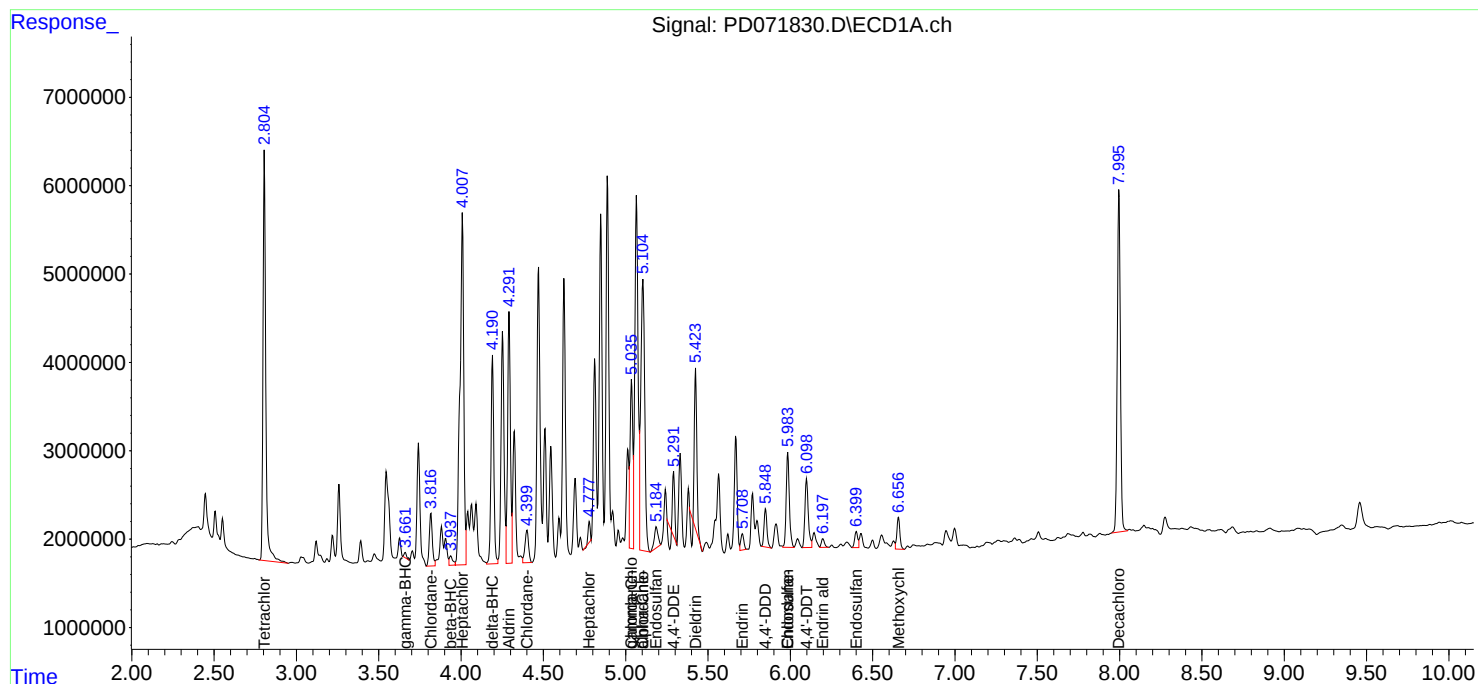
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

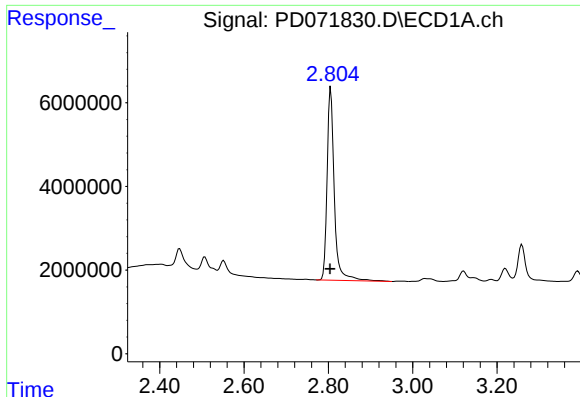
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
Data File : PD071830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2022 15:55
Operator : AR\AJ
Sample : N4509-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 04:36:43 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

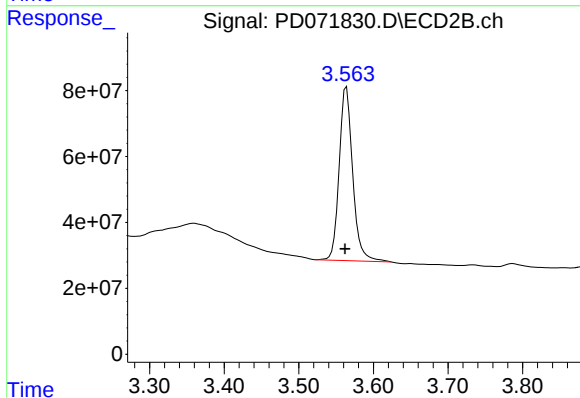




#1 Tetrachloro-m-xylene

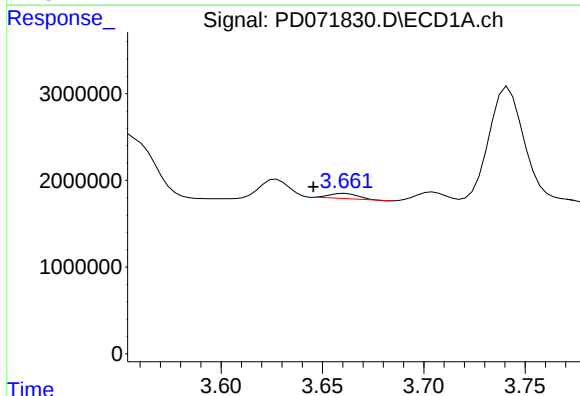
R.T.: 2.806 min
Delta R.T.: 0.002 min
Response: 54702148
Conc: 22.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



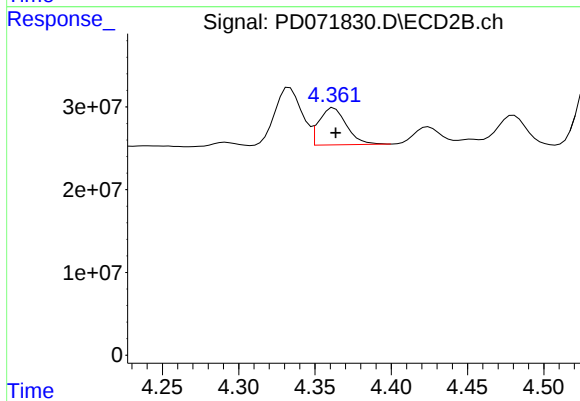
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.002 min
Response: 663447295
Conc: 23.12 ng/ml



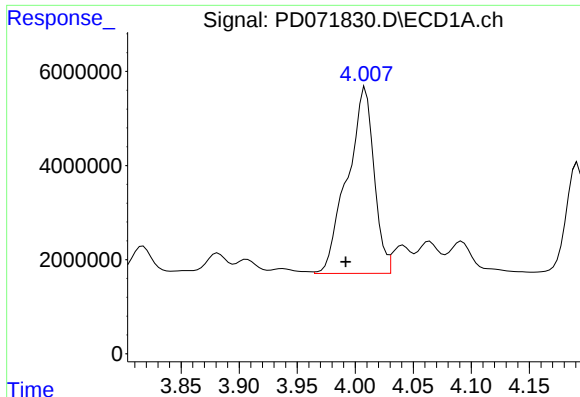
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.016 min
Response: 596938
Conc: 0.17 ng/ml



#3 gamma-BHC (Lindane)

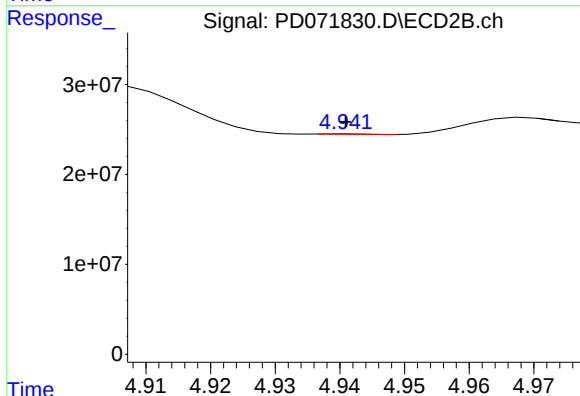
R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 55940404
Conc: 1.70 ng/ml



#4 Heptachlor

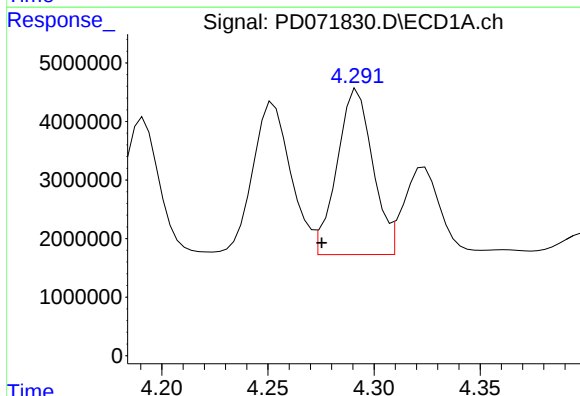
R.T.: 4.009 min
Delta R.T.: 0.017 min
Response: 63198724
Conc: 16.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



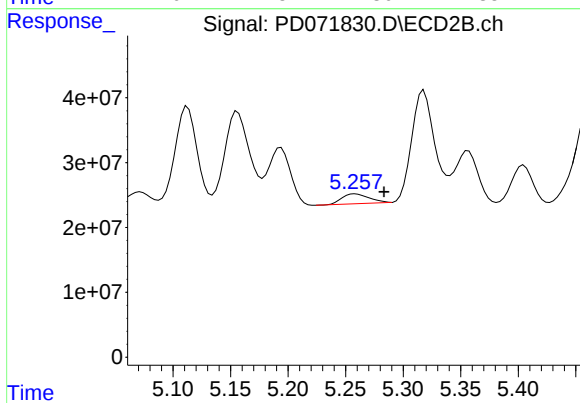
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 141862
Conc: 0.01 ng/ml



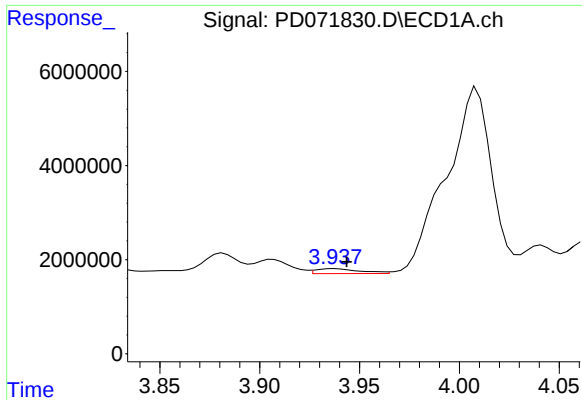
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: 0.017 min
Response: 33131630
Conc: 9.05 ng/ml



#5 Aldrin

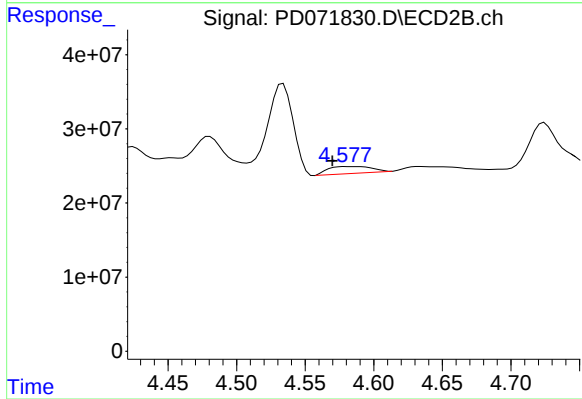
R.T.: 5.258 min
Delta R.T.: -0.025 min
Response: 24785824
Conc: 1.22 ng/ml



#6 beta-BHC

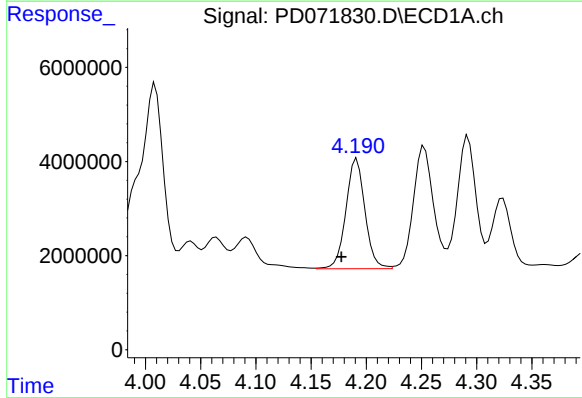
R.T.: 3.938 min
Delta R.T.: -0.006 min
Response: 1592410
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



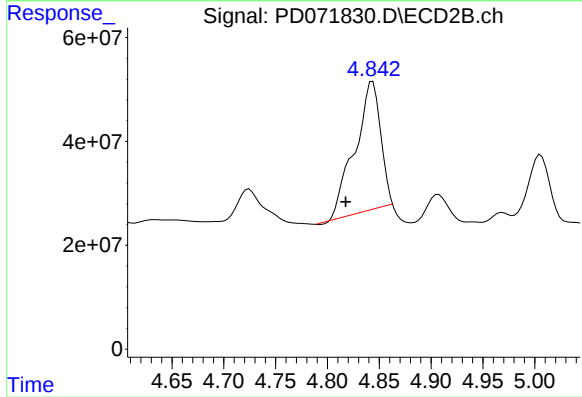
#6 beta-BHC

R.T.: 4.581 min
Delta R.T.: 0.011 min
Response: 20874068
Conc: 1.58 ng/ml



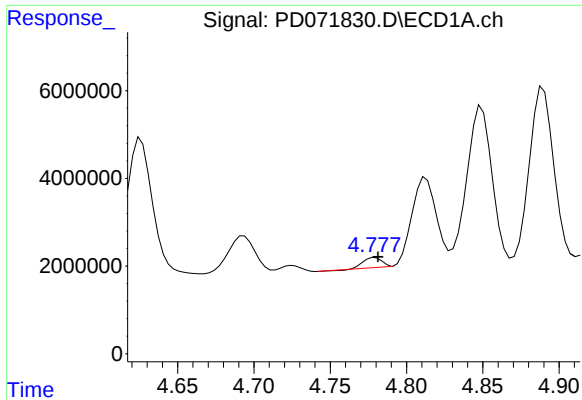
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: 0.014 min
Response: 28122791
Conc: 7.98 ng/ml



#7 delta-BHC

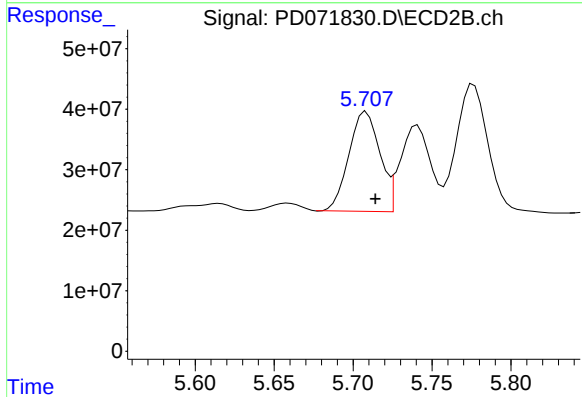
R.T.: 4.844 min
Delta R.T.: 0.026 min
Response: 427376646
Conc: 18.28 ng/ml



#8 Heptachlor epoxide

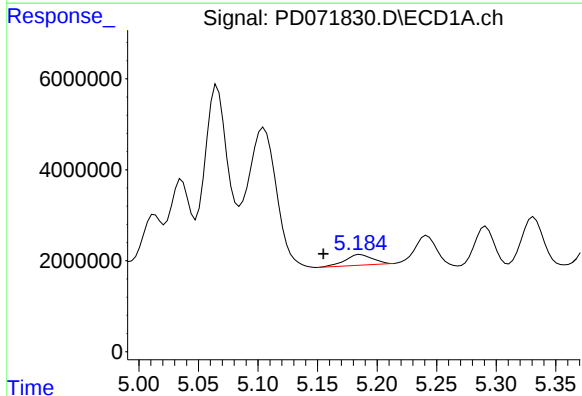
R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 1847149
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



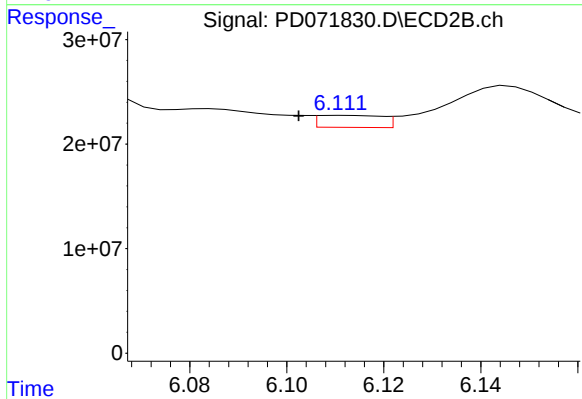
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 225332961
Conc: 14.61 ng/ml



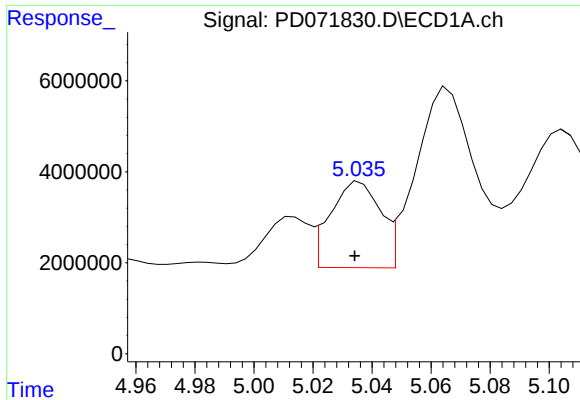
#9 Endosulfan I

R.T.: 5.186 min
Delta R.T.: 0.031 min
Response: 3756902
Conc: 1.18 ng/ml



#9 Endosulfan I

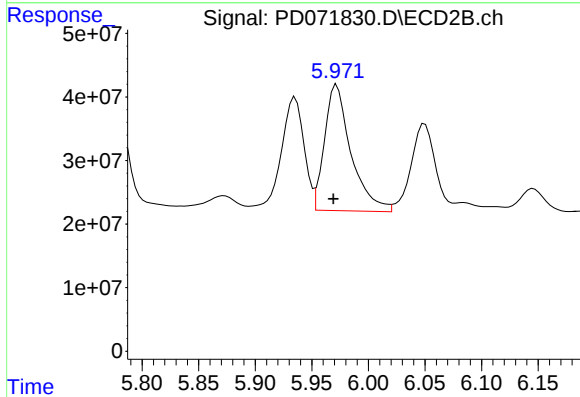
R.T.: 6.112 min
Delta R.T.: 0.009 min
Response: 10591318
Conc: 0.72 ng/ml



#10 gamma-Chlordane

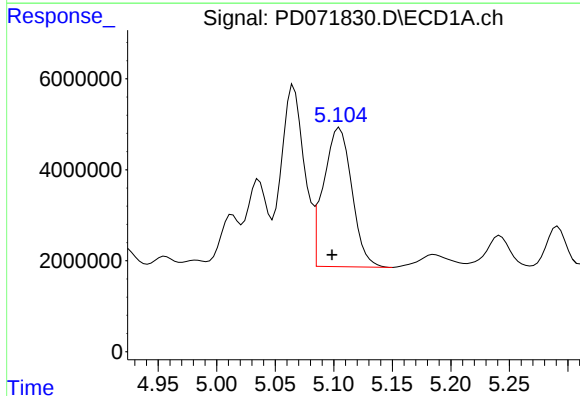
R.T.: 5.036 min
Delta R.T.: 0.002 min
Response: 22215445
Conc: 6.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



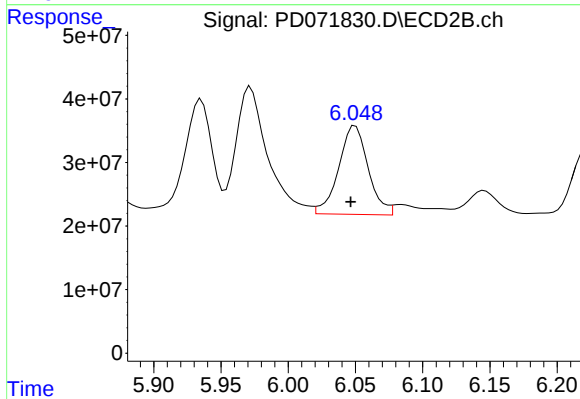
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 322269527
Conc: 20.06 ng/ml



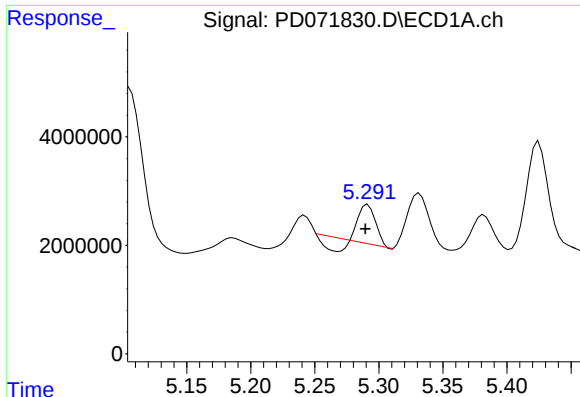
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: 0.006 min
Response: 51273506
Conc: 15.45 ng/ml



#11 alpha-Chlordane

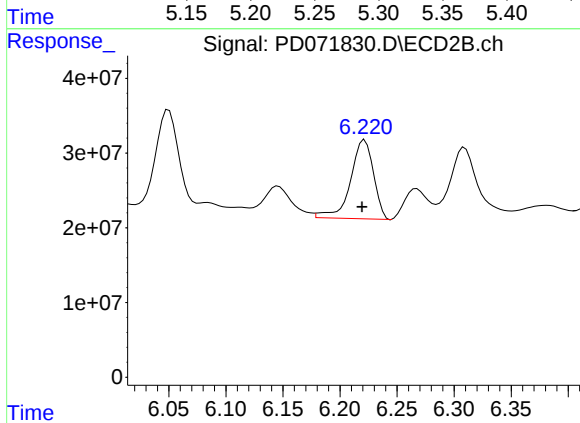
R.T.: 6.050 min
Delta R.T.: 0.003 min
Response: 212766184
Conc: 13.64 ng/ml



#12 4,4'-DDE

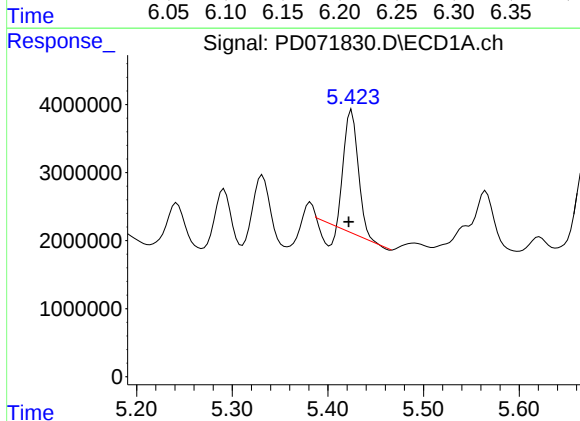
R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 4538644
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



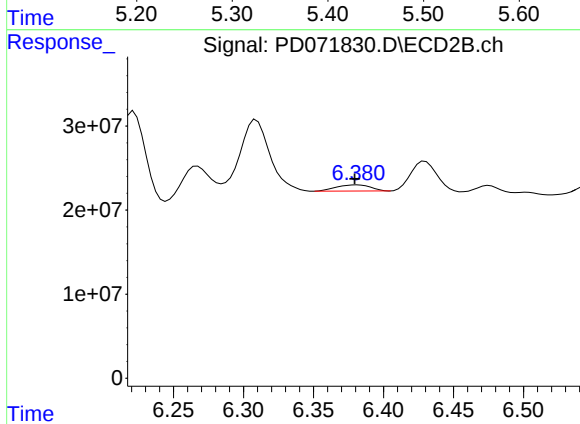
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.002 min
Response: 148061486
Conc: 10.05 ng/ml



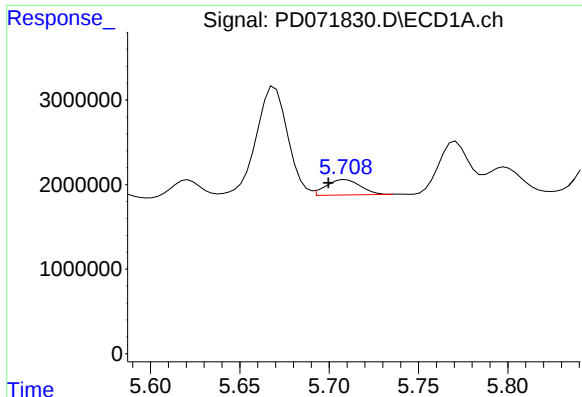
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 17439667
Conc: 5.21 ng/ml



#13 Dieldrin

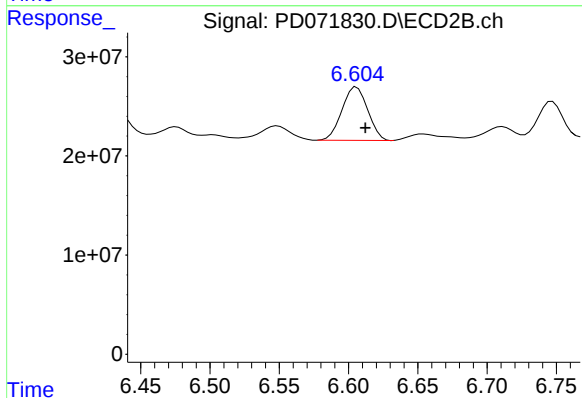
R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 12666500
Conc: 0.84 ng/ml



#14 Endrin

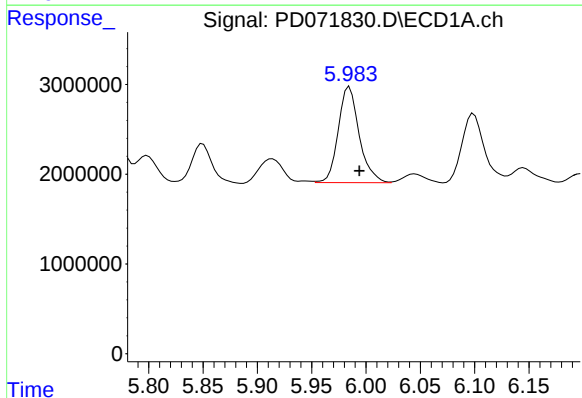
R.T.: 5.709 min
Delta R.T.: 0.010 min
Response: 2405168
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



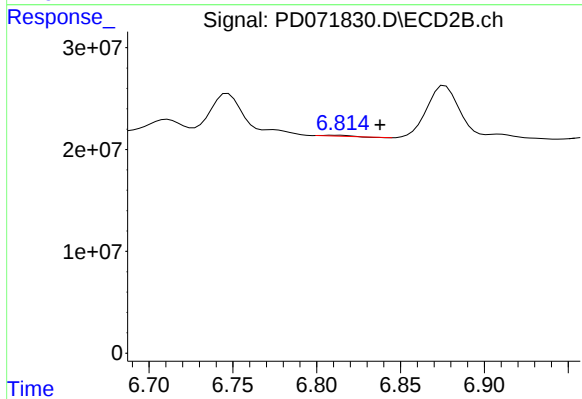
#14 Endrin

R.T.: 6.606 min
Delta R.T.: -0.006 min
Response: 69505878
Conc: 5.50 ng/ml



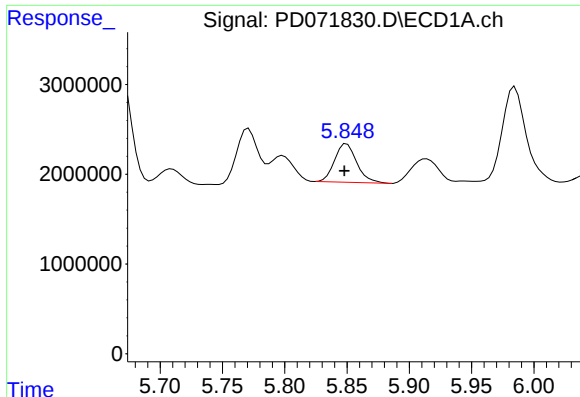
#15 Endosulfan II

R.T.: 5.985 min
Delta R.T.: -0.009 min
Response: 14369970
Conc: 5.22 ng/ml



#15 Endosulfan II

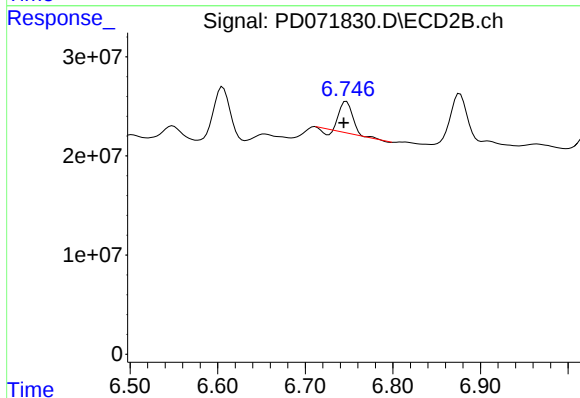
R.T.: 6.815 min
Delta R.T.: -0.023 min
Response: 949245
Conc: 0.08 ng/ml



#16 4,4'-DDD

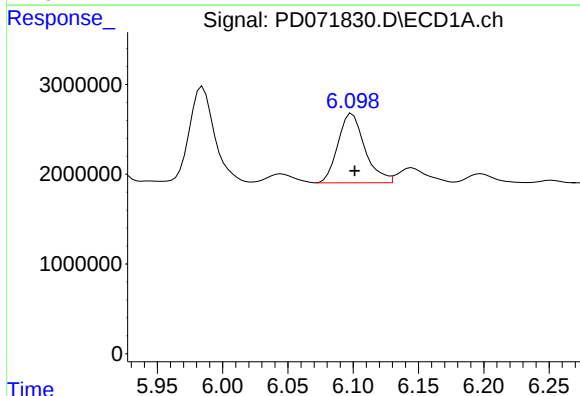
R.T.: 5.850 min
Delta R.T.: 0.002 min
Response: 5347352
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



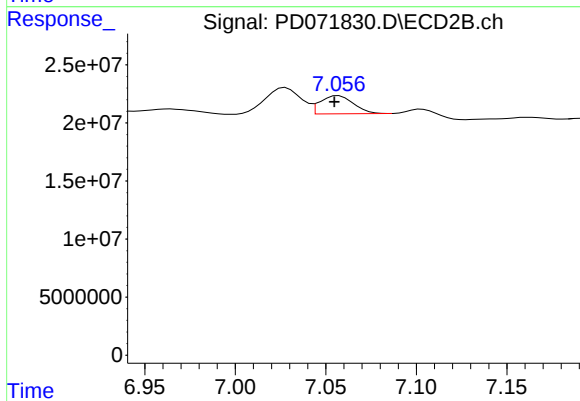
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 30964960
Conc: 2.61 ng/ml



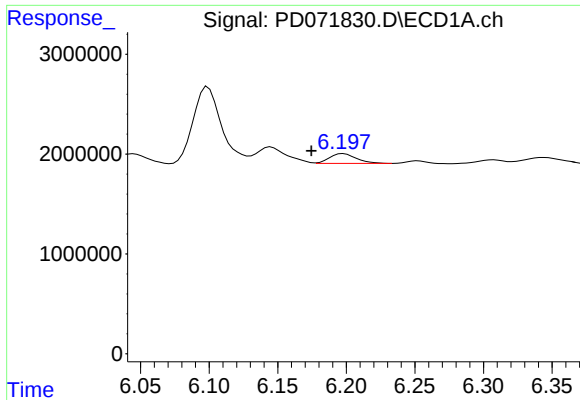
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 11070967
Conc: 4.21 ng/ml



#17 4,4'-DDT

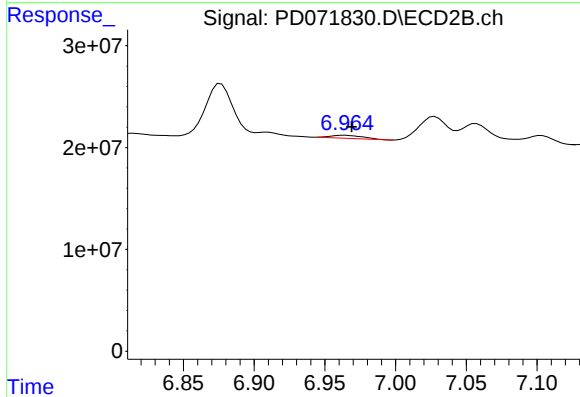
R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 19965162
Conc: 1.62 ng/ml



#18 Endrin aldehyde

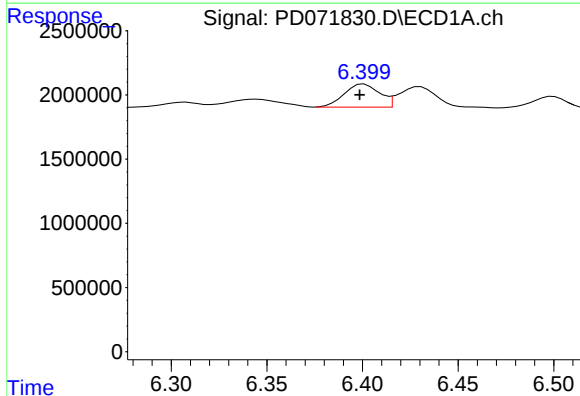
R.T.: 6.198 min
Delta R.T.: 0.023 min
Response: 1327974
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



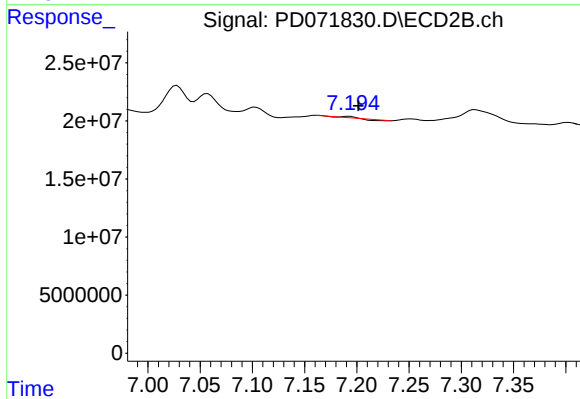
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: -0.005 min
Response: 4741472
Conc: 0.49 ng/ml



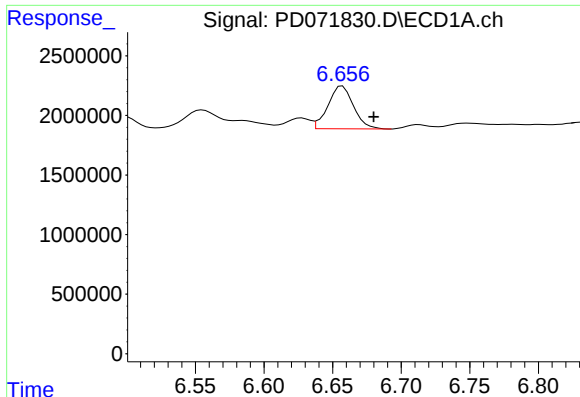
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 2289208
Conc: 0.85 ng/ml



#19 Endosulfan Sulfate

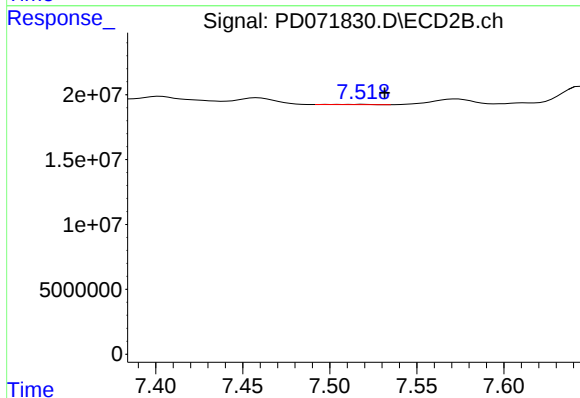
R.T.: 7.192 min
Delta R.T.: -0.009 min
Response: 394193
Conc: 0.04 ng/ml



#20 Methoxychlor

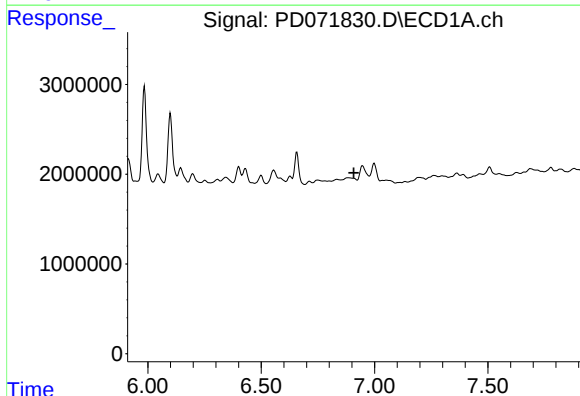
R.T.: 6.657 min
Delta R.T.: -0.023 min
Response: 4658603
Conc: 3.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



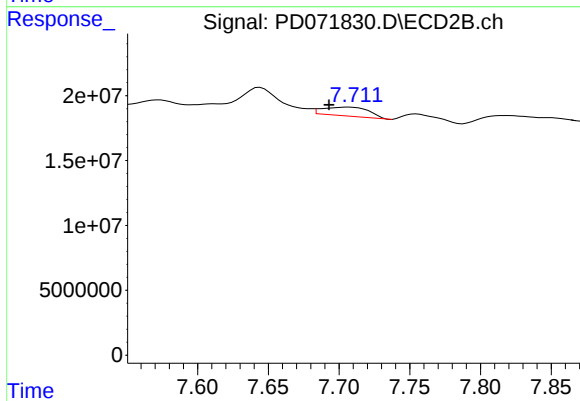
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.012 min
Response: 279719
Conc: 0.05 ng/ml



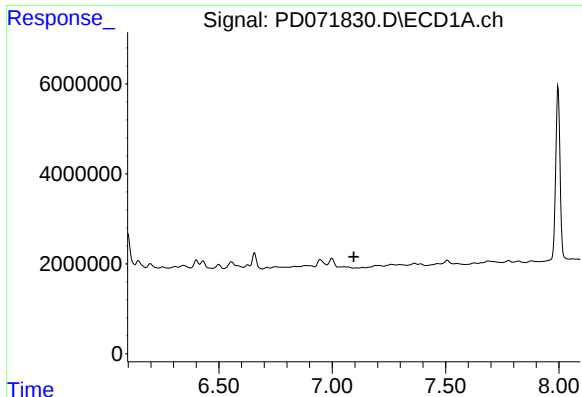
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.909 min
Response: 0
Conc: N.D.



#21 Endrin ketone

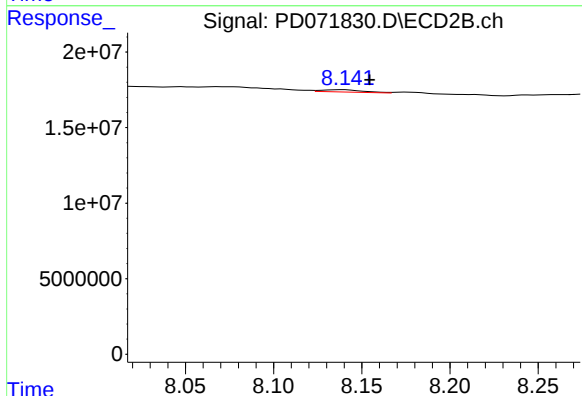
R.T.: 7.707 min
Delta R.T.: 0.014 min
Response: 15455422
Conc: 1.24 ng/ml



#22 Mirex

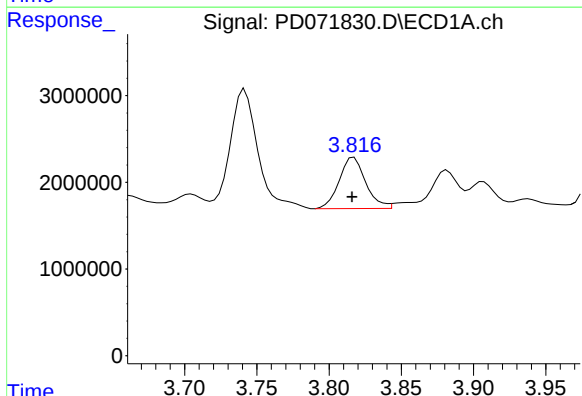
R.T.: 0.000 min
Exp R.T.: 7.095 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



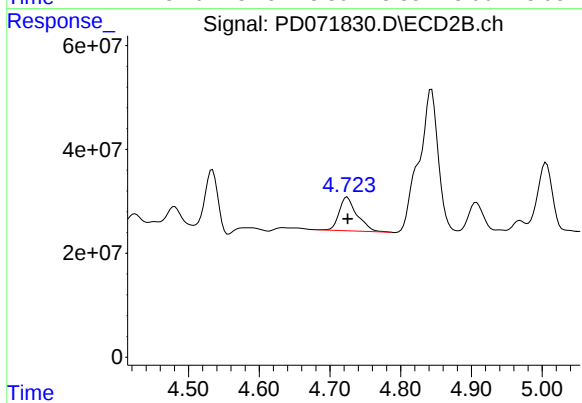
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.016 min
Response: 2379707
Conc: 0.27 ng/ml



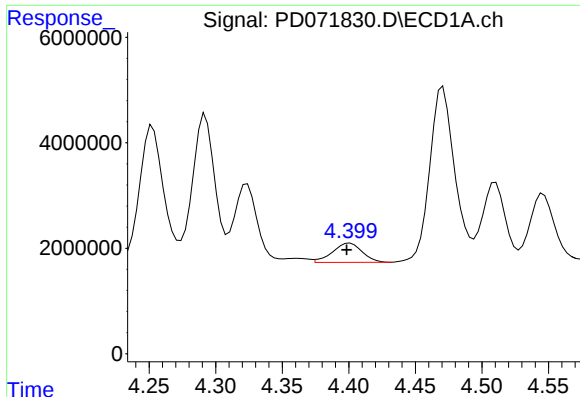
#23 Chlordane-1

R.T.: 3.817 min
Delta R.T.: 0.001 min
Response: 7557522
Conc: 74.31 ng/ml



#23 Chlordane-1

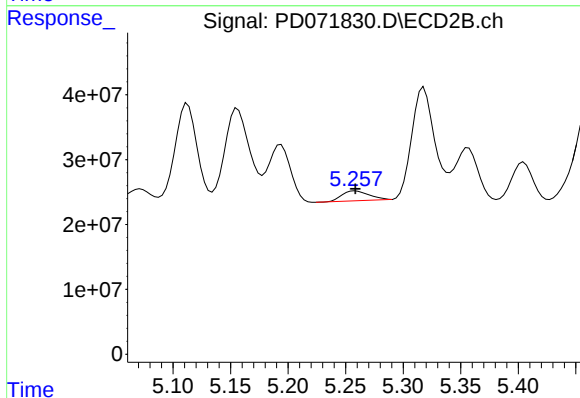
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 113562605
Conc: 118.34 ng/ml



#24 Chlordane-2

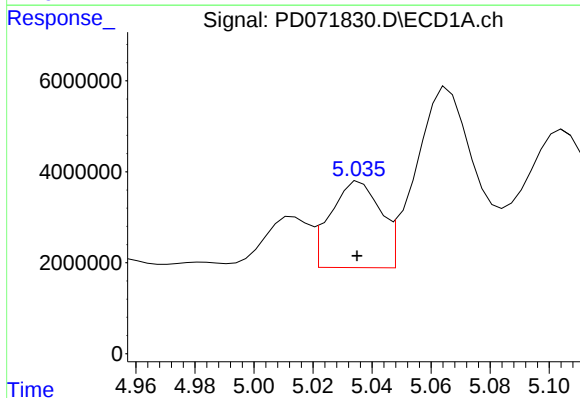
R.T.: 4.401 min
Delta R.T.: 0.002 min
Response: 5641694
Conc: 46.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



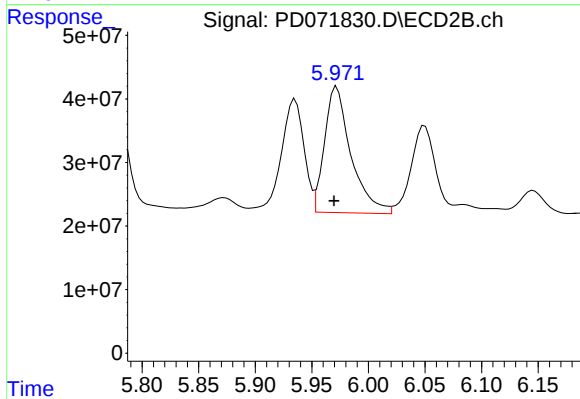
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 24785824
Conc: 35.85 ng/ml



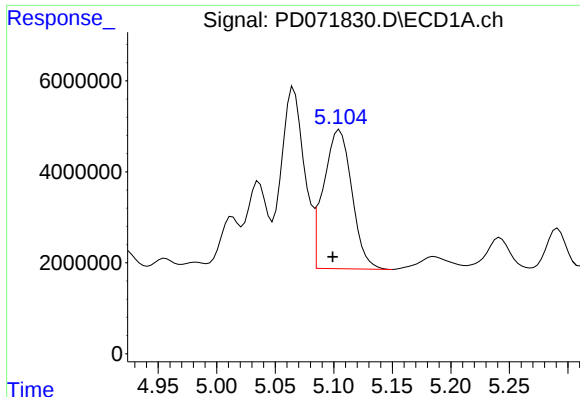
#25 Chlordane-3

R.T.: 5.036 min
Delta R.T.: 0.001 min
Response: 22215445
Conc: 65.33 ng/ml



#25 Chlordane-3

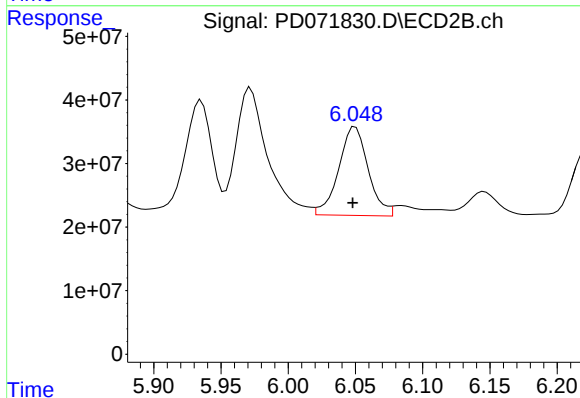
R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 322269527
Conc: 146.70 ng/ml



#26 Chlordane-4

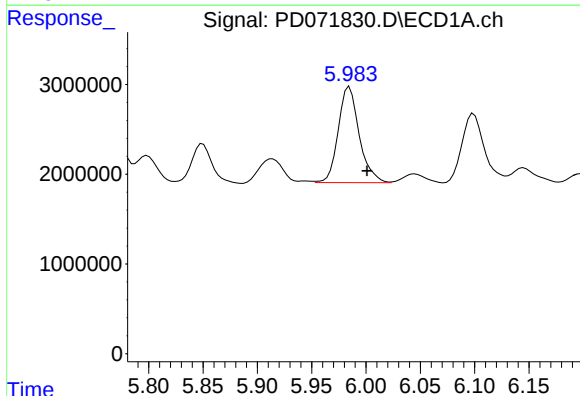
R.T.: 5.105 min
Delta R.T.: 0.006 min
Response: 51273506
Conc: 163.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



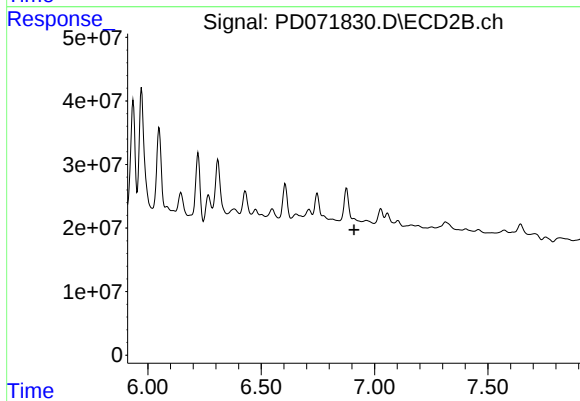
#26 Chlordane-4

R.T.: 6.050 min
Delta R.T.: 0.002 min
Response: 212766184
Conc: 82.80 ng/ml



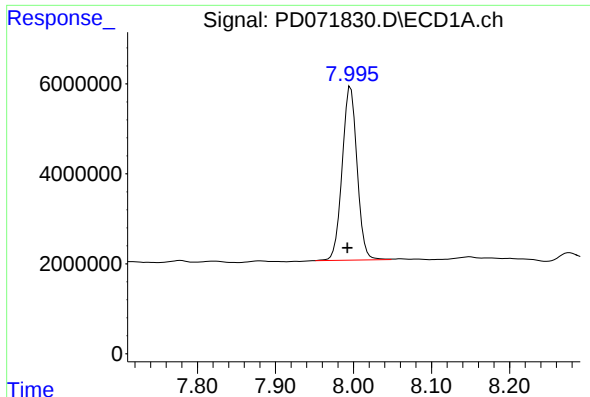
#27 Chlordane-5

R.T.: 5.985 min
Delta R.T.: -0.016 min
Response: 14369970
Conc: 115.18 ng/ml



#27 Chlordane-5

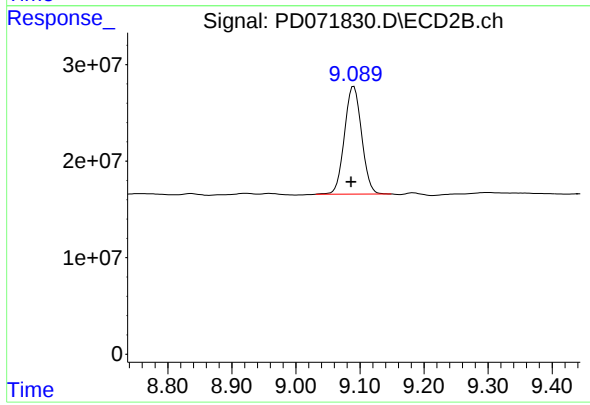
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: -37516401
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.004 min
Response: 51125576
Conc: 20.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_UNK-20220902



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.004 min
Response: 207599421
Conc: 22.33 ng/ml