

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
 Data File : PD071824.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 13:46
 Operator : AR\AJ
 Sample : N4509-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 S1-SO_113D-20220902

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:34:26 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...	2.805	3.562	30088423	376.5E6	12.305	13.121
28)	SA Decachlor...	7.995	9.087	41537217	156.9E6	16.488	16.875
Target Compounds							
2)	A alpha-BHC	0.000	4.027	0	5129666	N.D.	0.128 #
3)	MA gamma-BHC...	3.625f	4.360	256350	8516346	0.073	0.259 #
4)	MA Heptachlor	4.008f	4.967f	19319169	19341250	5.167	0.800 #
5)	MB Aldrin	4.291f	5.254f	13772624	22629619	3.761	1.116 #
6)	B beta-BHC	0.000	4.575	0	3693352	N.D.	0.279 #
7)	B delta-BHC	4.191	4.842f	6132121	124.3E6	1.740	5.317 #
8)	B Heptachlo...	4.777	5.706	650994	81621871	0.199	5.293 #
9)	A Endosulfan I	5.187f	0.000	720856	0	0.227	N.D. #
10)	B gamma-Chl...	5.035	5.970	3302126	105.5E6	0.980	6.565 #
11)	B alpha-Chl...	5.101	6.048	21052165	144.9E6	6.344	9.284 #
12)	B 4,4'-DDE	5.290	6.220	1290219	58751483	0.422	3.988 #
13)	MA Dieldrin	5.423	6.366	7605757	3487352	2.274	0.230 #
14)	MA Endrin	5.707	6.604	1176494	38640879	0.397	3.059 #
15)	B Endosulfa...	5.984	0.000	6792601	0	2.466	N.D. #
16)	A 4,4'-DDD	0.000	6.744	0	14984478	N.D.	1.261 #
17)	MA 4,4'-DDT	6.097	7.055	7185914	8142889	2.730	0.659 #
18)	B Endrin al...	6.198f	6.959	1011562	2722398	0.457	0.282 #
19)	B Endosulfa...	6.399	0.000	1214732	0	0.453	N.D. #
20)	A Methoxychlor	6.656f	0.000	2968234	0	1.982	N.D. #
22)	Mirex	7.077f	8.131f	677914	3923093	0.288	0.453 #
23)	Chlordane-1	3.816	4.724	8608277	84265153	84.645	87.812
24)	Chlordane-2	4.401	5.254	4969508	22629619	40.723	32.732
25)	Chlordane-3	5.035	5.970	3302126	105.5E6	9.711	48.017 #
26)	Chlordane-4	5.101	6.048	21052165	144.9E6	67.004	56.370
27)	Chlordane-5	5.984f	6.910	6792601	-13614455	54.444	N.D. #

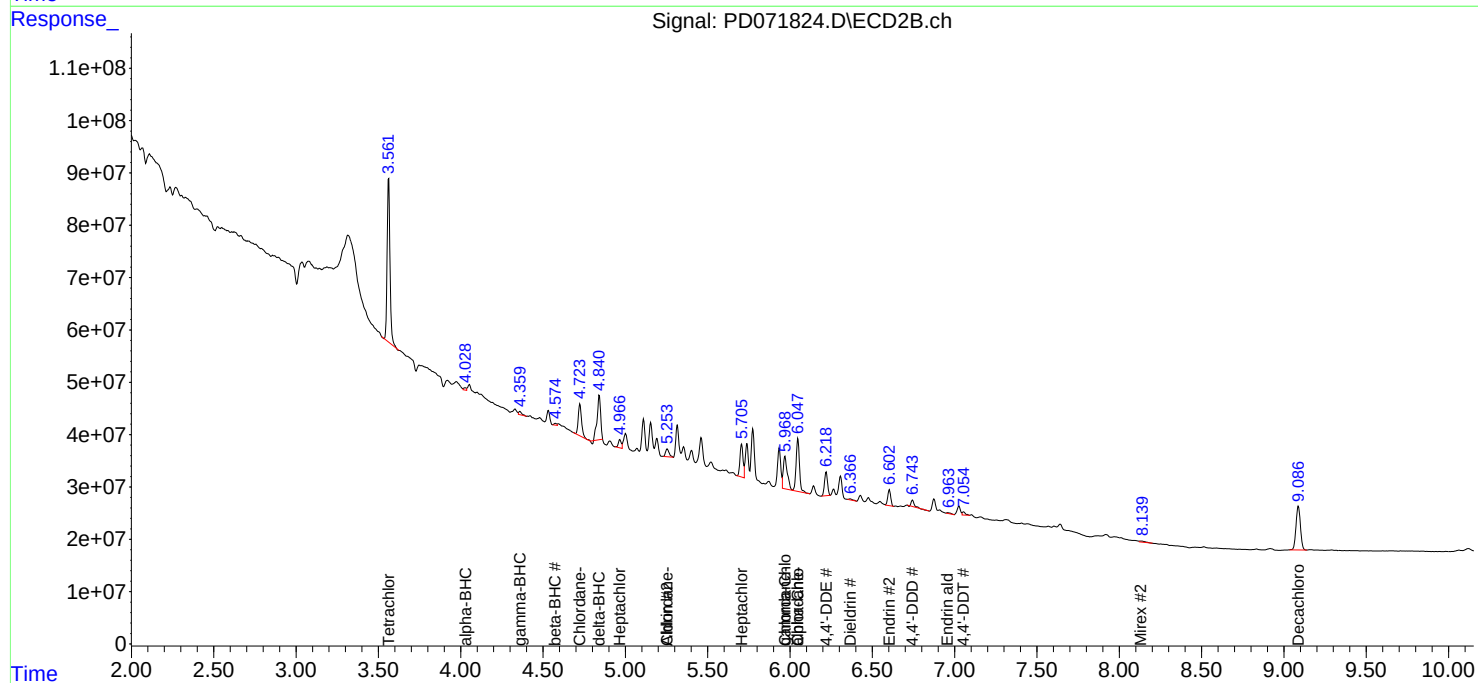
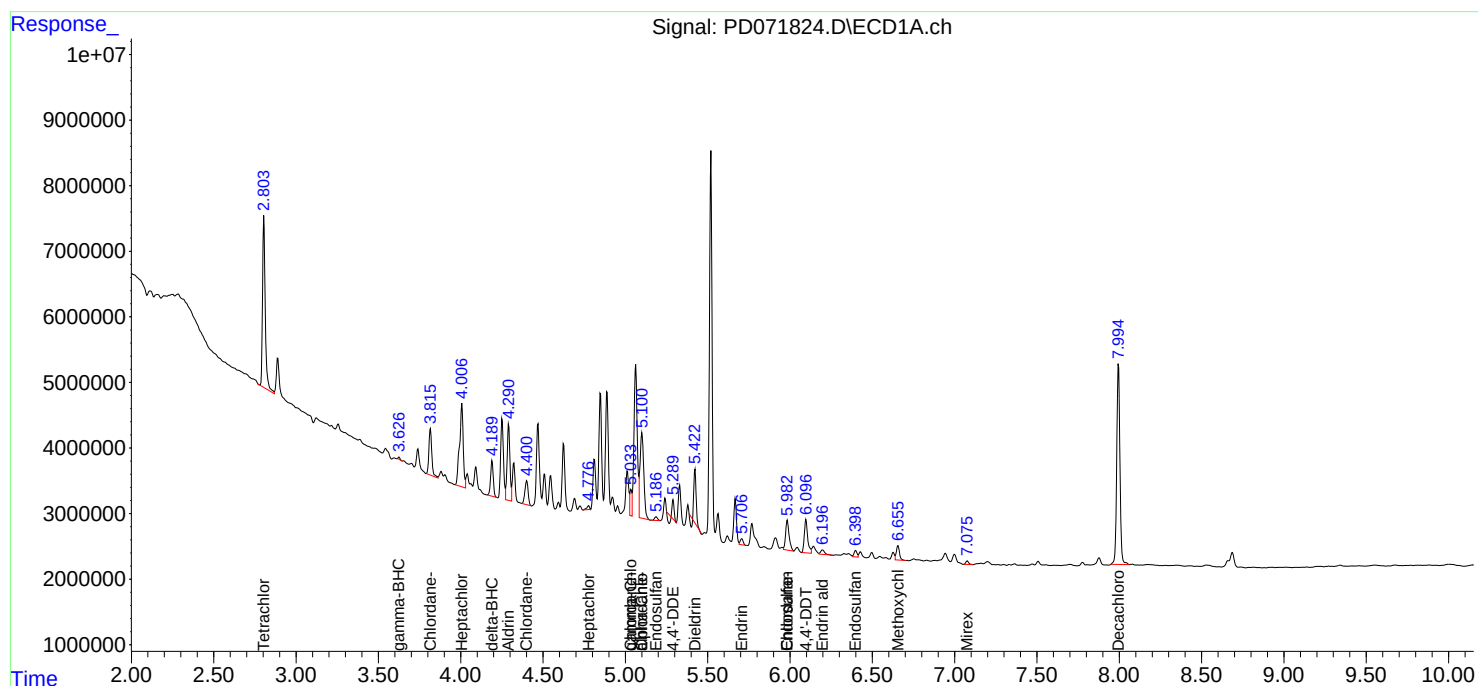
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

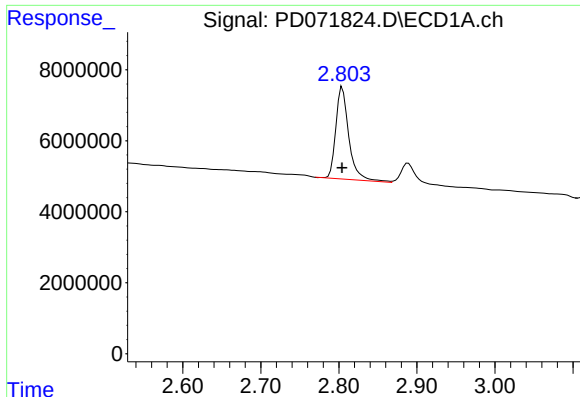
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091222\
Data File : PD071824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2022 13:46
Operator : AR\AJ
Sample : N4509-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 04:34:26 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

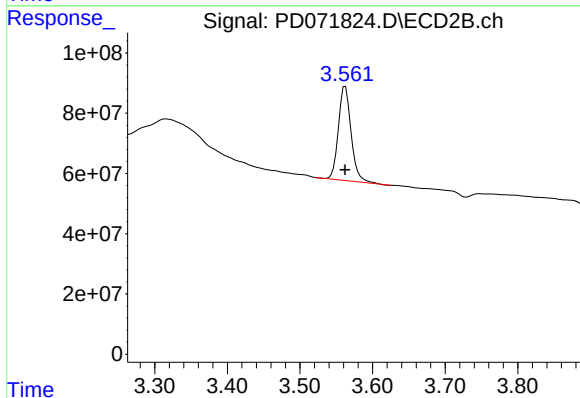




#1 Tetrachloro-m-xylene

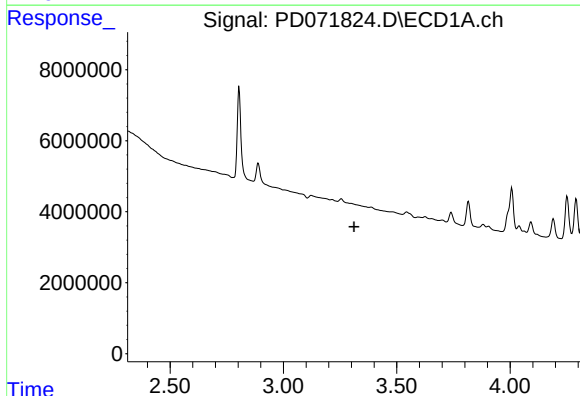
R.T.: 2.805 min
Delta R.T.: 0.000 min
Response: 30088423
Conc: 12.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



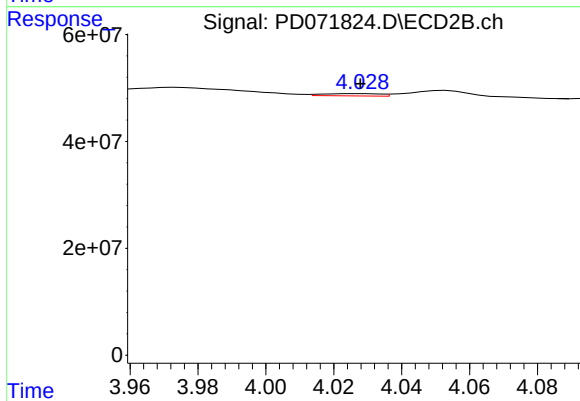
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 376507717
Conc: 13.12 ng/ml



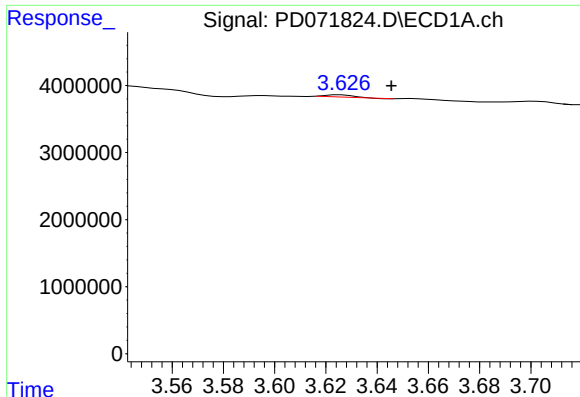
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.312 min
Response: 0
Conc: N.D.



#2 alpha-BHC

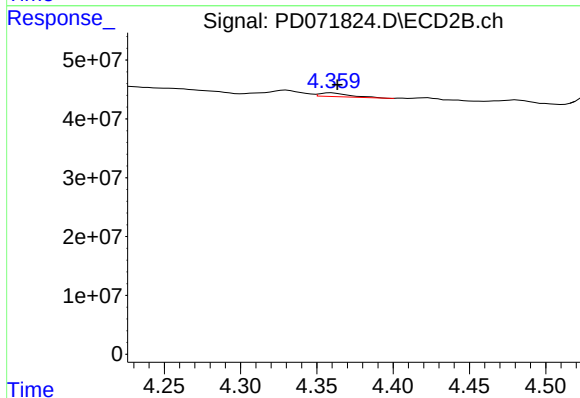
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 5129666
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

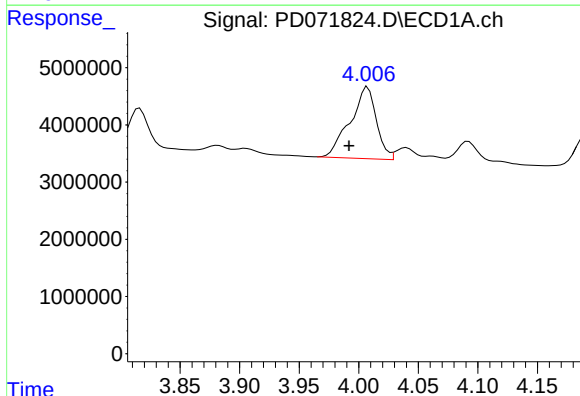
R.T.: 3.625 min
Delta R.T.: -0.020 min
Response: 256350
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



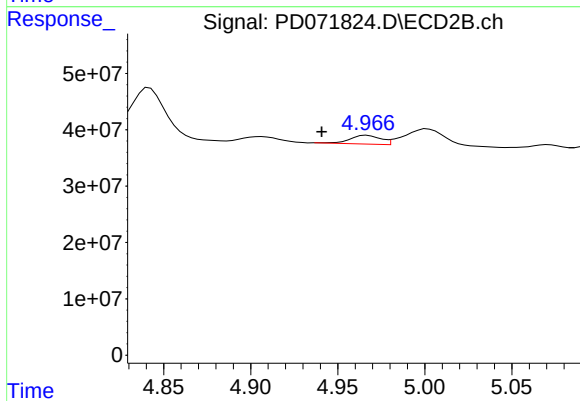
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 8516346
Conc: 0.26 ng/ml



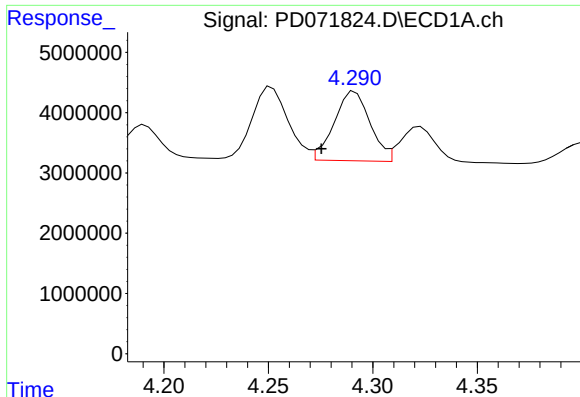
#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.016 min
Response: 19319169
Conc: 5.17 ng/ml



#4 Heptachlor

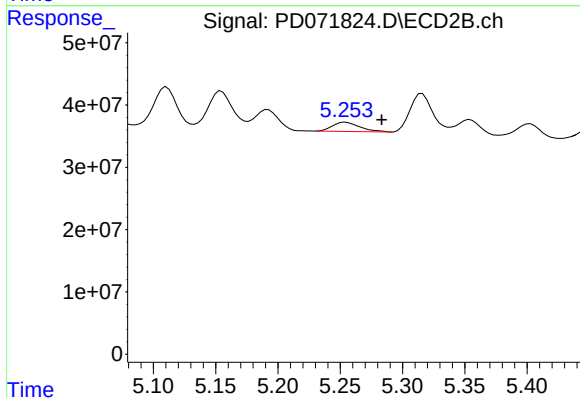
R.T.: 4.967 min
Delta R.T.: 0.026 min
Response: 19341250
Conc: 0.80 ng/ml



#5 Aldrin

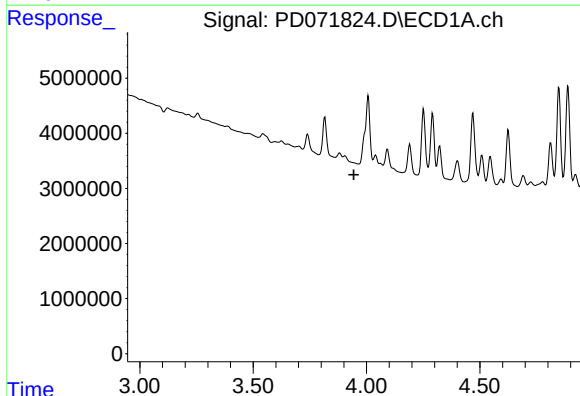
R.T.: 4.291 min
Delta R.T.: 0.016 min
Response: 13772624
Conc: 3.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



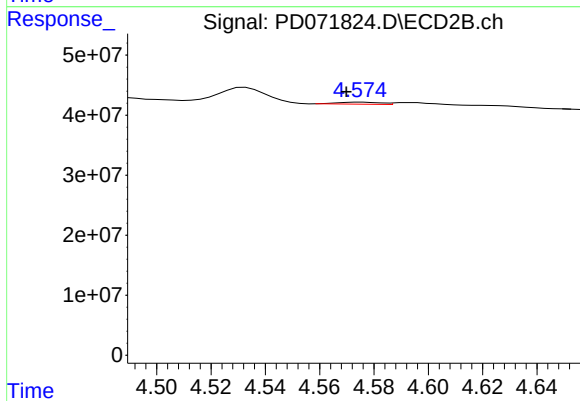
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.029 min
Response: 22629619
Conc: 1.12 ng/ml



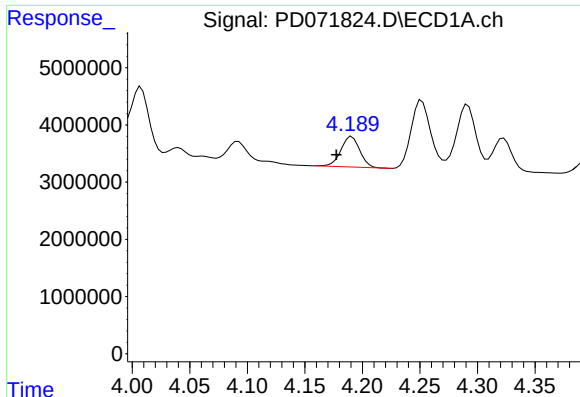
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 3.944 min
Response: 0
Conc: N.D.



#6 beta-BHC

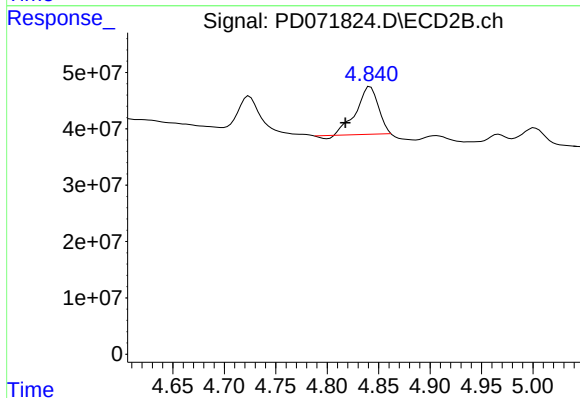
R.T.: 4.575 min
Delta R.T.: 0.005 min
Response: 3693352
Conc: 0.28 ng/ml



#7 delta-BHC

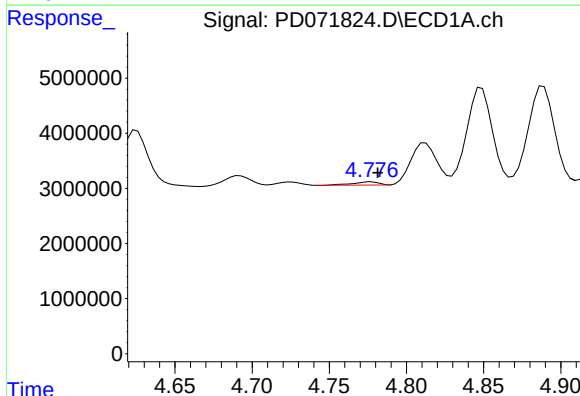
R.T.: 4.191 min
Delta R.T.: 0.013 min
Response: 6132121
Conc: 1.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



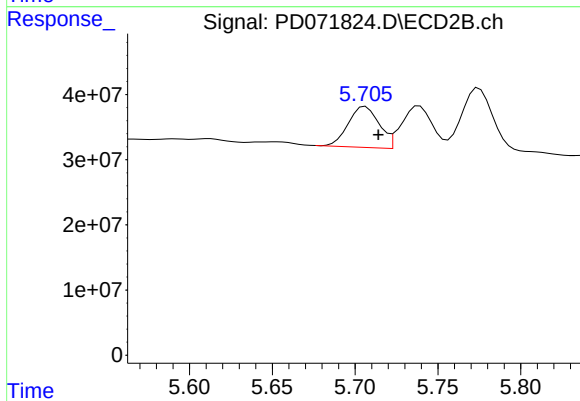
#7 delta-BHC

R.T.: 4.842 min
Delta R.T.: 0.024 min
Response: 124274676
Conc: 5.32 ng/ml



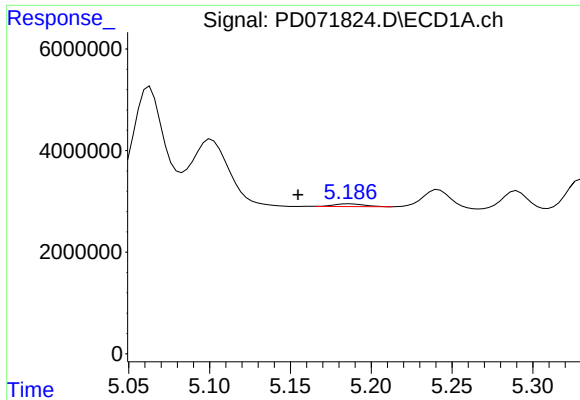
#8 Heptachlor epoxide

R.T.: 4.777 min
Delta R.T.: -0.004 min
Response: 650994
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

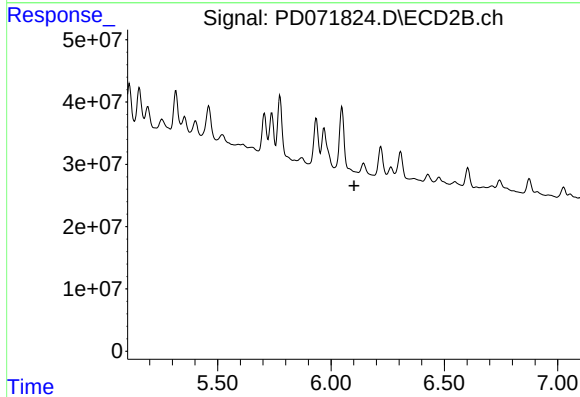
R.T.: 5.706 min
Delta R.T.: -0.008 min
Response: 81621871
Conc: 5.29 ng/ml



#9 Endosulfan I

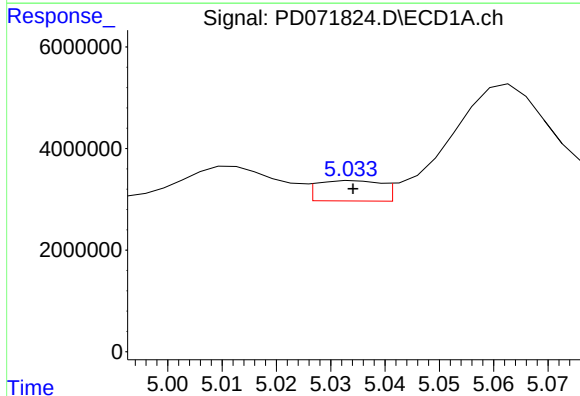
R.T.: 5.187 min
Delta R.T.: 0.032 min
Response: 720856
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



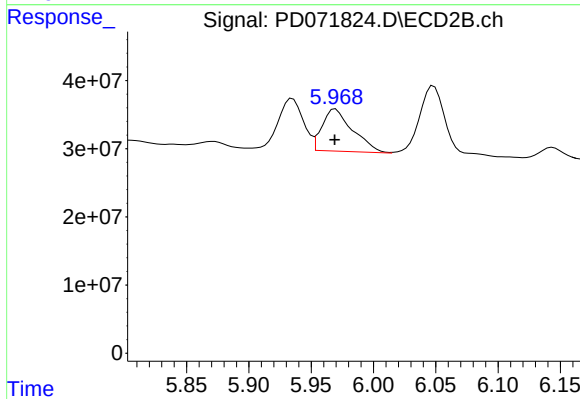
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.102 min
Response: 0
Conc: N.D.



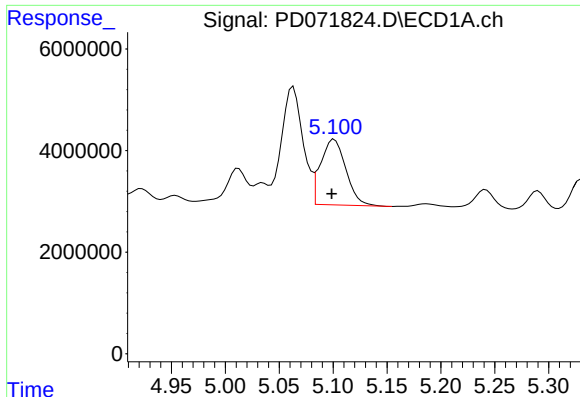
#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 3302126
Conc: 0.98 ng/ml



#10 gamma-Chlordane

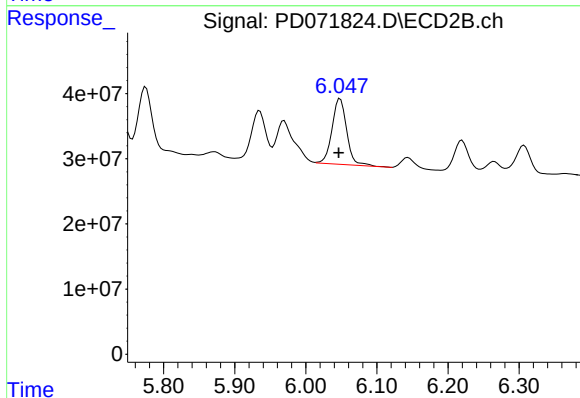
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 105484484
Conc: 6.56 ng/ml



#11 alpha-Chlordane

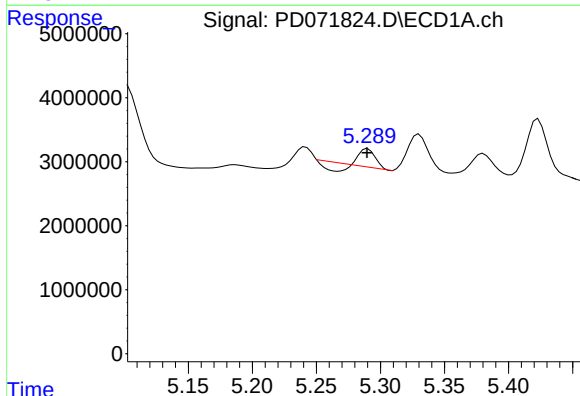
R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 21052165
Conc: 6.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



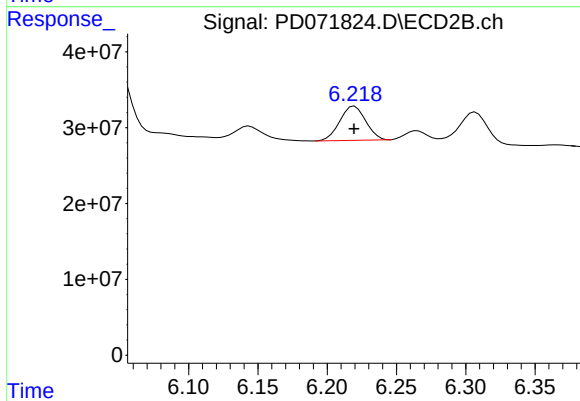
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 144853250
Conc: 9.28 ng/ml



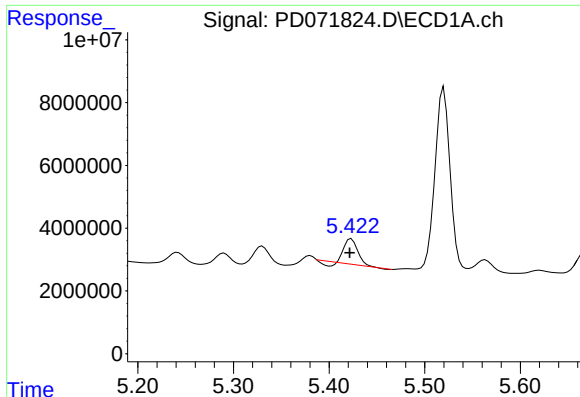
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 1290219
Conc: 0.42 ng/ml



#12 4,4'-DDE

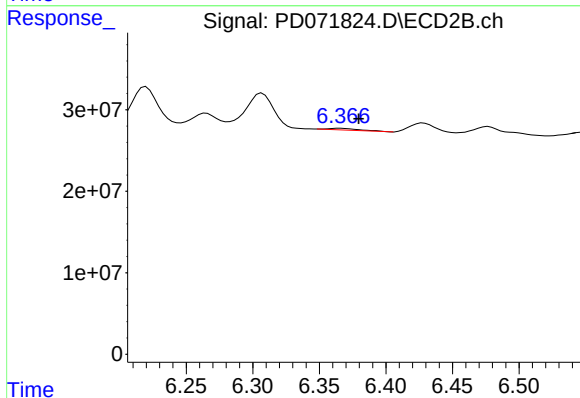
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 58751483
Conc: 3.99 ng/ml



#13 Dieldrin

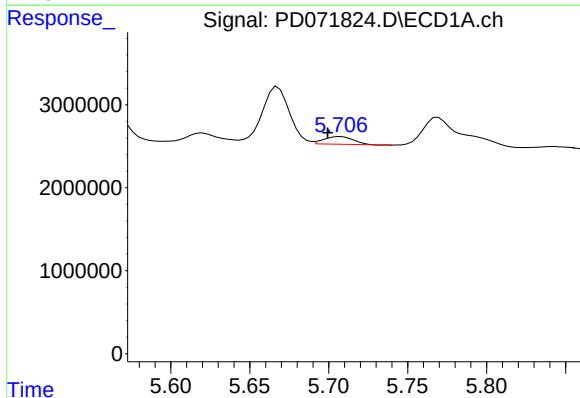
R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 7605757
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



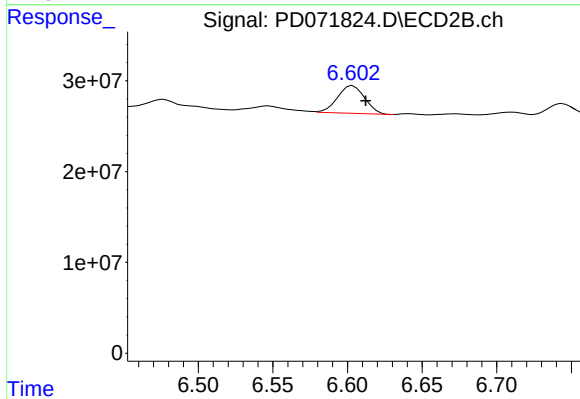
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: -0.014 min
Response: 3487352
Conc: 0.23 ng/ml



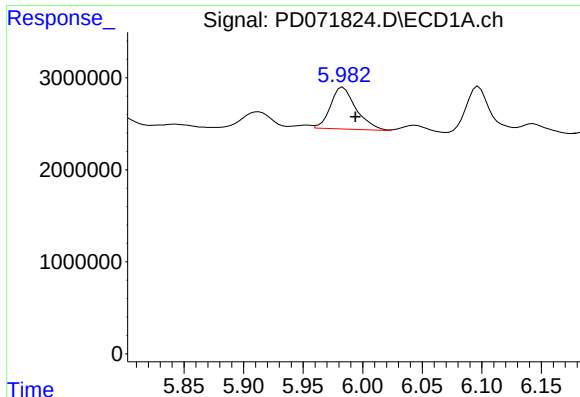
#14 Endrin

R.T.: 5.707 min
Delta R.T.: 0.008 min
Response: 1176494
Conc: 0.40 ng/ml



#14 Endrin

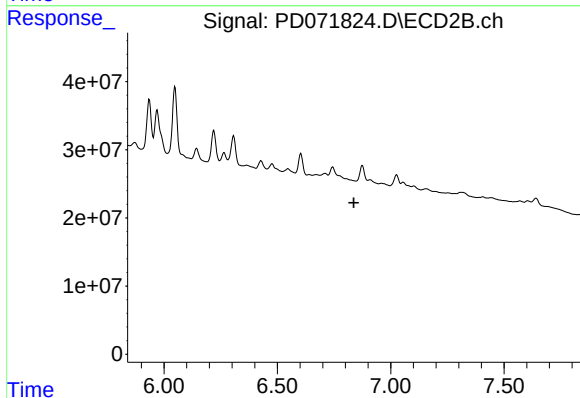
R.T.: 6.604 min
Delta R.T.: -0.009 min
Response: 38640879
Conc: 3.06 ng/ml



#15 Endosulfan II

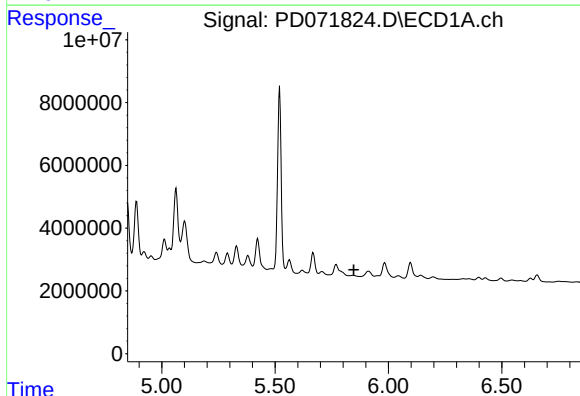
R.T.: 5.984 min
Delta R.T.: -0.010 min
Response: 6792601
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



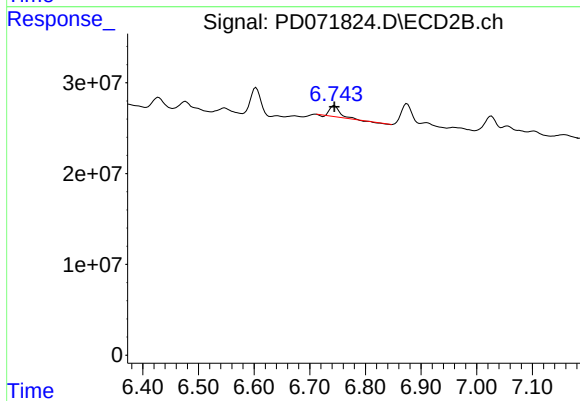
#15 Endosulfan II

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



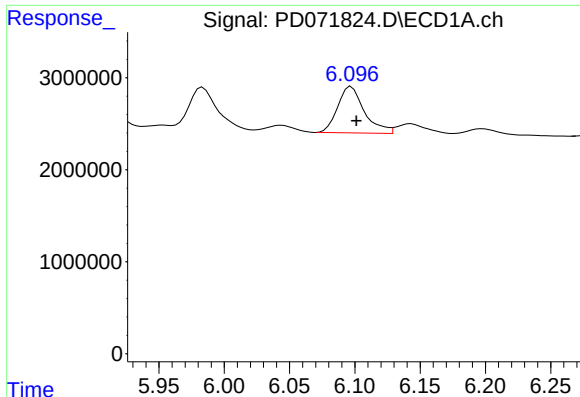
#16 4,4'-DDD

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



#16 4,4'-DDD

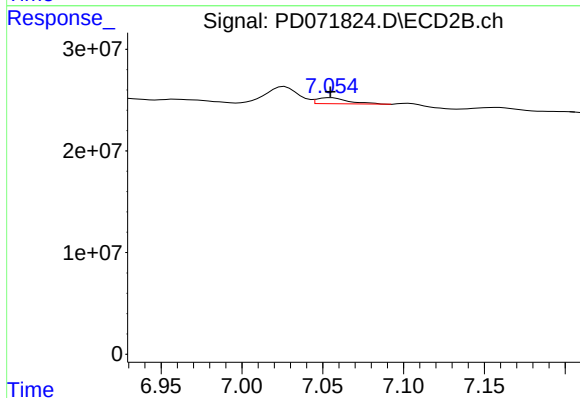
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 14984478
Conc: 1.26 ng/ml



#17 4,4'-DDT

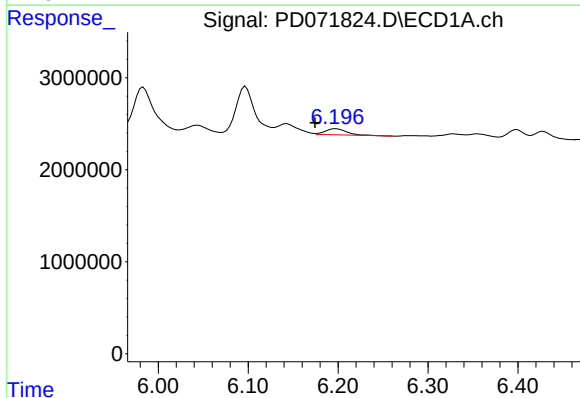
R.T.: 6.097 min
Delta R.T.: -0.004 min
Response: 7185914
Conc: 2.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



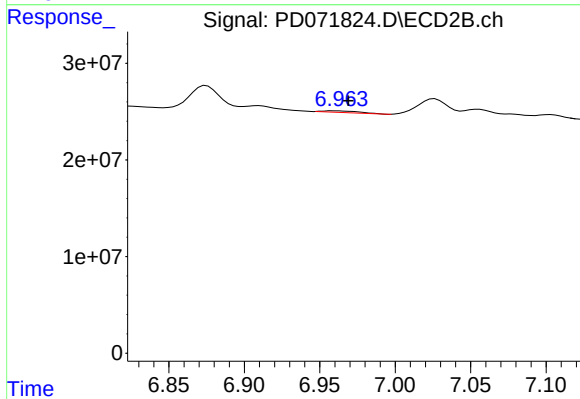
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 8142889
Conc: 0.66 ng/ml



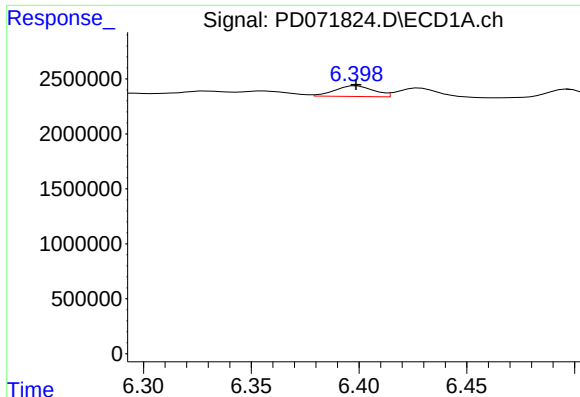
#18 Endrin aldehyde

R.T.: 6.198 min
Delta R.T.: 0.023 min
Response: 1011562
Conc: 0.46 ng/ml



#18 Endrin aldehyde

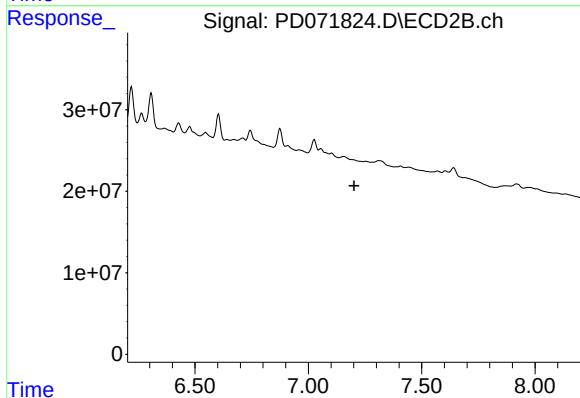
R.T.: 6.959 min
Delta R.T.: -0.010 min
Response: 2722398
Conc: 0.28 ng/ml



#19 Endosulfan Sulfate

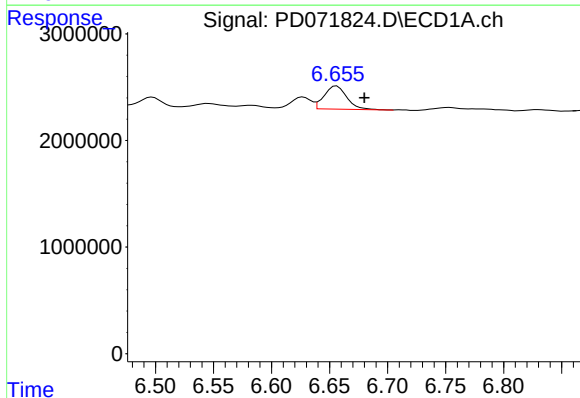
R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 1214732
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



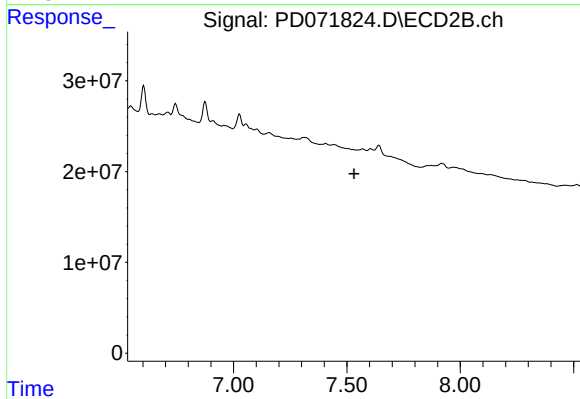
#19 Endosulfan Sulfate

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



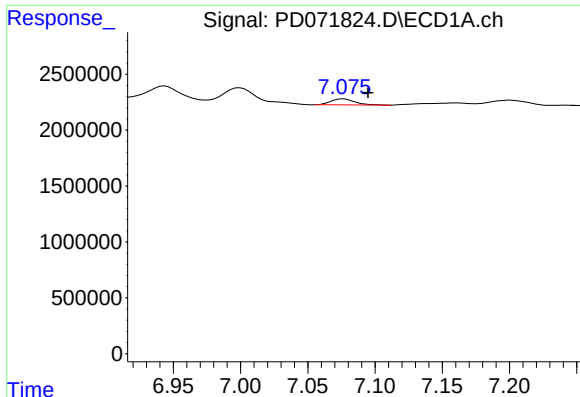
#20 Methoxychlor

R.T.: 6.656 min
Delta R.T.: -0.024 min
Response: 2968234
Conc: 1.98 ng/ml



#20 Methoxychlor

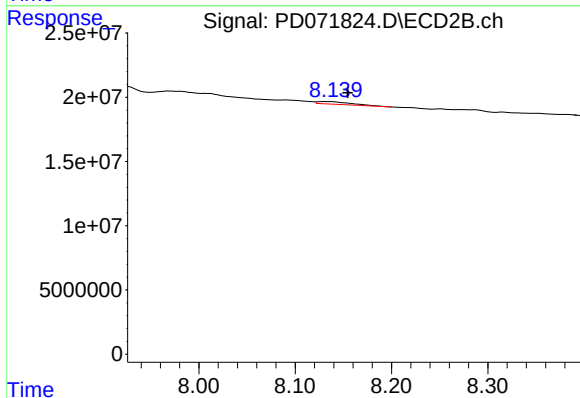
R.T.: 0.000 min
Exp R.T. : 7.532 min
Response: 0
Conc: N.D.



#22 Mirex

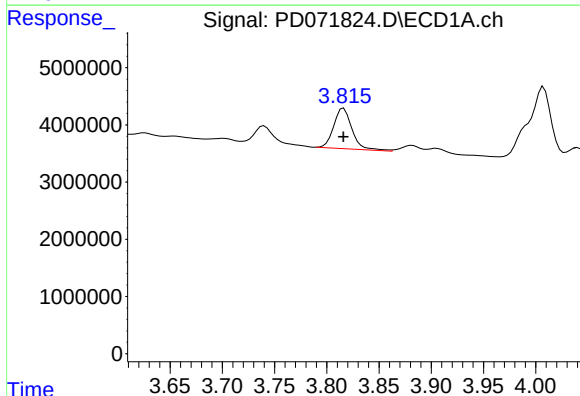
R.T.: 7.077 min
Delta R.T.: -0.018 min
Response: 677914
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



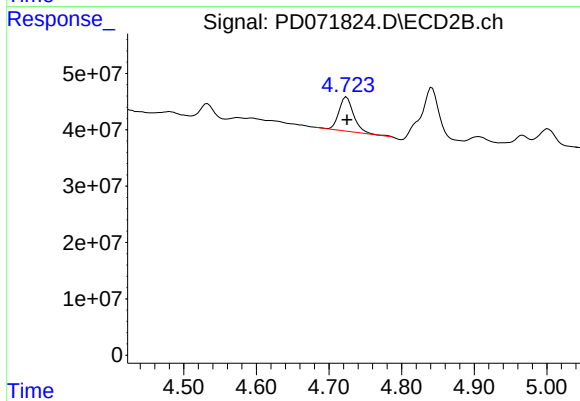
#22 Mirex

R.T.: 8.131 min
Delta R.T.: -0.023 min
Response: 3923093
Conc: 0.45 ng/ml



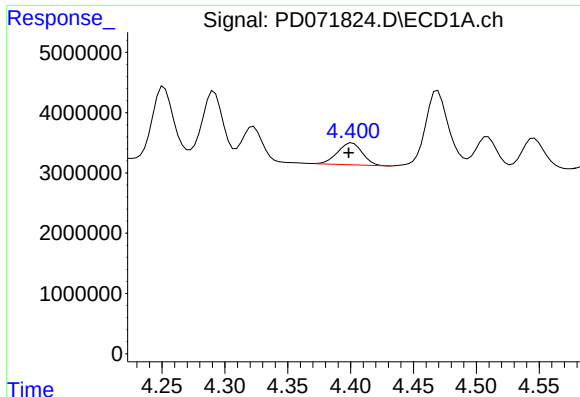
#23 Chlordane-1

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 8608277
Conc: 84.64 ng/ml



#23 Chlordane-1

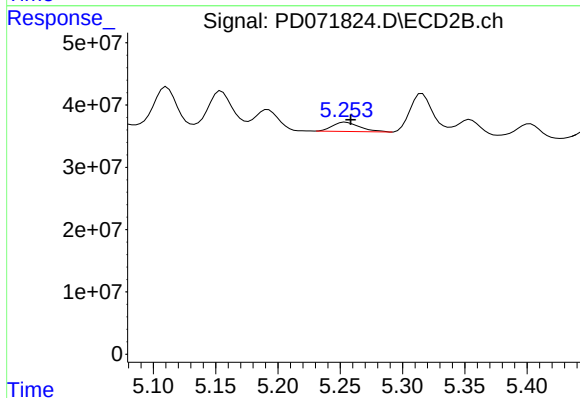
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 84265153
Conc: 87.81 ng/ml



#24 Chlordane-2

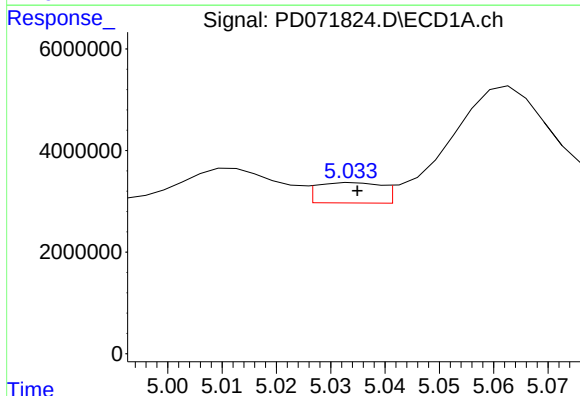
R.T.: 4.401 min
Delta R.T.: 0.003 min
Response: 4969508
Conc: 40.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



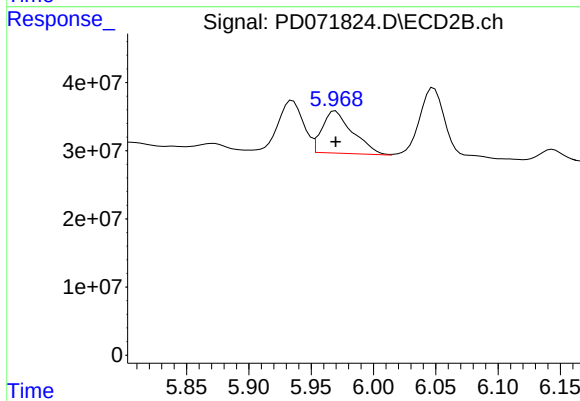
#24 Chlordane-2

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 22629619
Conc: 32.73 ng/ml



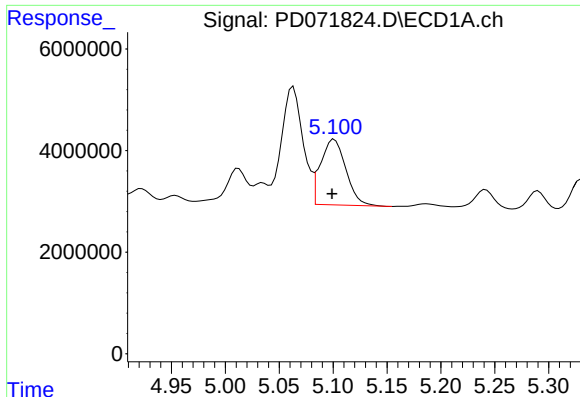
#25 Chlordane-3

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 3302126
Conc: 9.71 ng/ml



#25 Chlordane-3

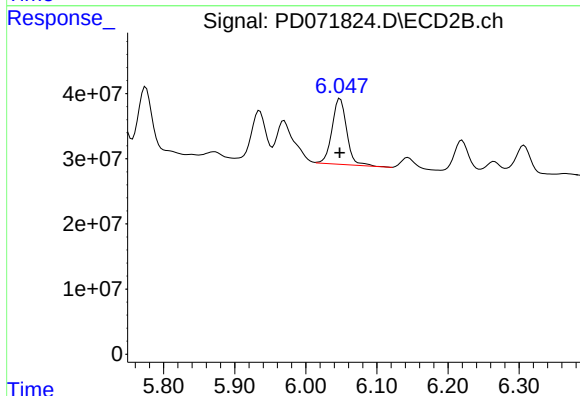
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 105484484
Conc: 48.02 ng/ml



#26 Chlordane-4

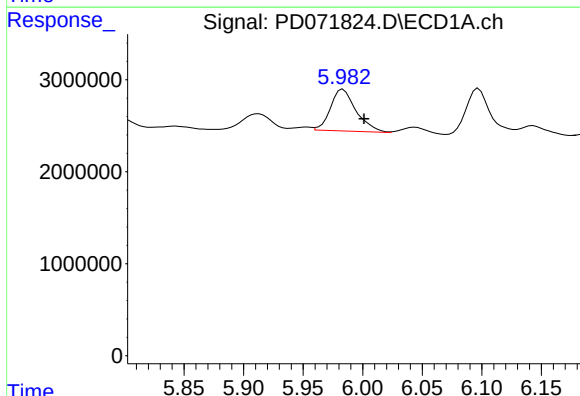
R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 21052165
Conc: 67.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



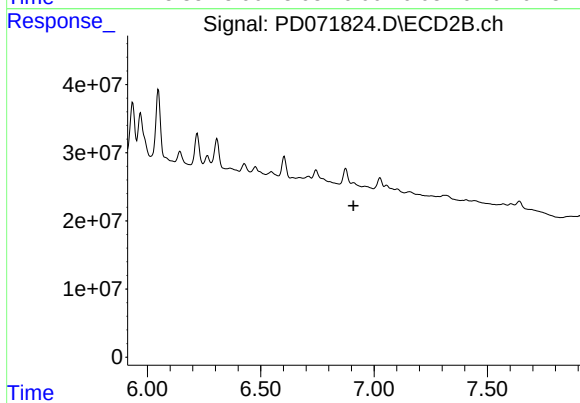
#26 Chlordane-4

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 144853250
Conc: 56.37 ng/ml



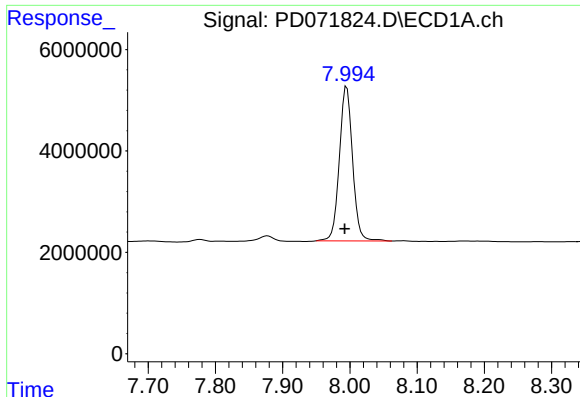
#27 Chlordane-5

R.T.: 5.984 min
Delta R.T.: -0.017 min
Response: 6792601
Conc: 54.44 ng/ml



#27 Chlordane-5

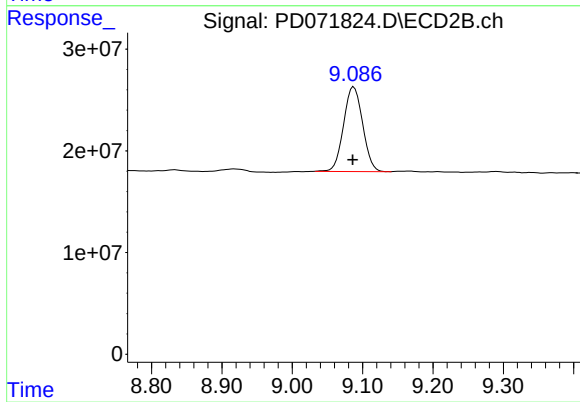
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: -13614455
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: 0.003 min
Response: 41537217
Conc: 16.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
S1-SO_113D-20220902



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.001 min
Response: 156888353
Conc: 16.87 ng/ml