

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 19:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:55:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.473	4.124	65605605	607.2E6	22.639	21.003
28)	SA Decachlor...	8.242	9.322	62967461	248.4E6	20.609	21.780
Target Compounds							
2)	A alpha-BHC	3.914	4.529	59450174	447.5E6	13.551	11.805
3)	MA gamma-BHC...	4.198	4.823	49411636	397.2E6	11.380	13.297
5)	MB Aldrin	4.743	5.642	208964	3120151	0.050	0.169 #
6)	B beta-BHC	4.448	5.000	20531480	175.7E6	12.284	13.098
7)	B delta-BHC	4.639	5.217	216458	2582434	0.055	0.109 #
8)	B Heptachlo...	5.184	6.040	427237	25186775	0.114	1.666 #
9)	A Endosulfan I	5.525	6.405	1687693	13421728	0.483	0.925 #
10)	B gamma-Chl...	5.412	6.293	2214352	17709942	0.569	1.123 #
11)	B alpha-Chl...	5.470	6.353	1665845	21368729	0.436	1.389 #
12)	B 4,4'-DDE	5.642	6.509	4024200	6080964	1.143	0.405 #
13)	MA Dieldrin	5.769	6.672	3531746	13949458	0.940	0.913
14)	MA Endrin	6.034	6.896	181.4E6	664.5E6	58.103	64.065
15)	B Endosulfa...	6.311	7.098	3826849	16951853	1.272	1.354
16)	A 4,4'-DDD	6.162	7.011	4640907	-1100631	1.581	N.D. #
17)	MA 4,4'-DDT	6.402	7.313	373.5E6	1429.9E6	122.004	106.763
18)	B Endrin al...	6.477	7.236	6140031	35031125	2.560	3.474 #
19)	B Endosulfa...	6.677f	7.460	466774	-112432	0.157	N.D. #
20)	A Methoxychlor	6.953	7.773	408.3E6	1671.0E6	246.974	243.173
21)	B Endrin ke...	7.184	7.942	15202163	34172768	4.389	2.469 #
22)	Mirex	7.390f	8.422f	176143	53139	0.064	0.006 #
23)	Chlordane-1	4.376f	5.171f	7023399	8395789	65.117	10.286 #
24)	Chlordane-2	0.000	5.626	0	5343275	N.D.	8.960 #
25)	Chlordane-3	5.412	6.293	2214352	17709942	6.217	8.968 #
26)	Chlordane-4	5.470	6.353	1665845	21368729	5.648	9.316 #
27)	Chlordane-5	6.311	7.174	3826849	10969917	31.254	22.451 #

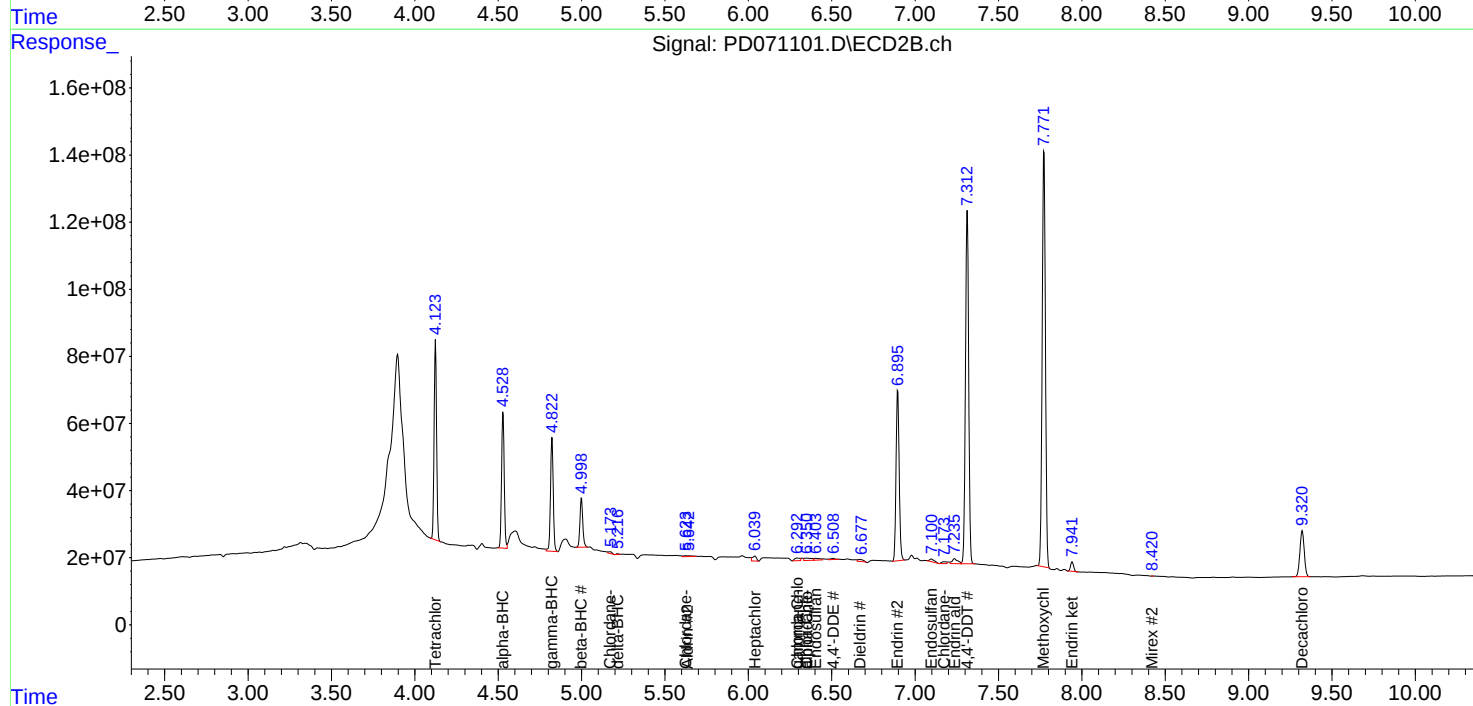
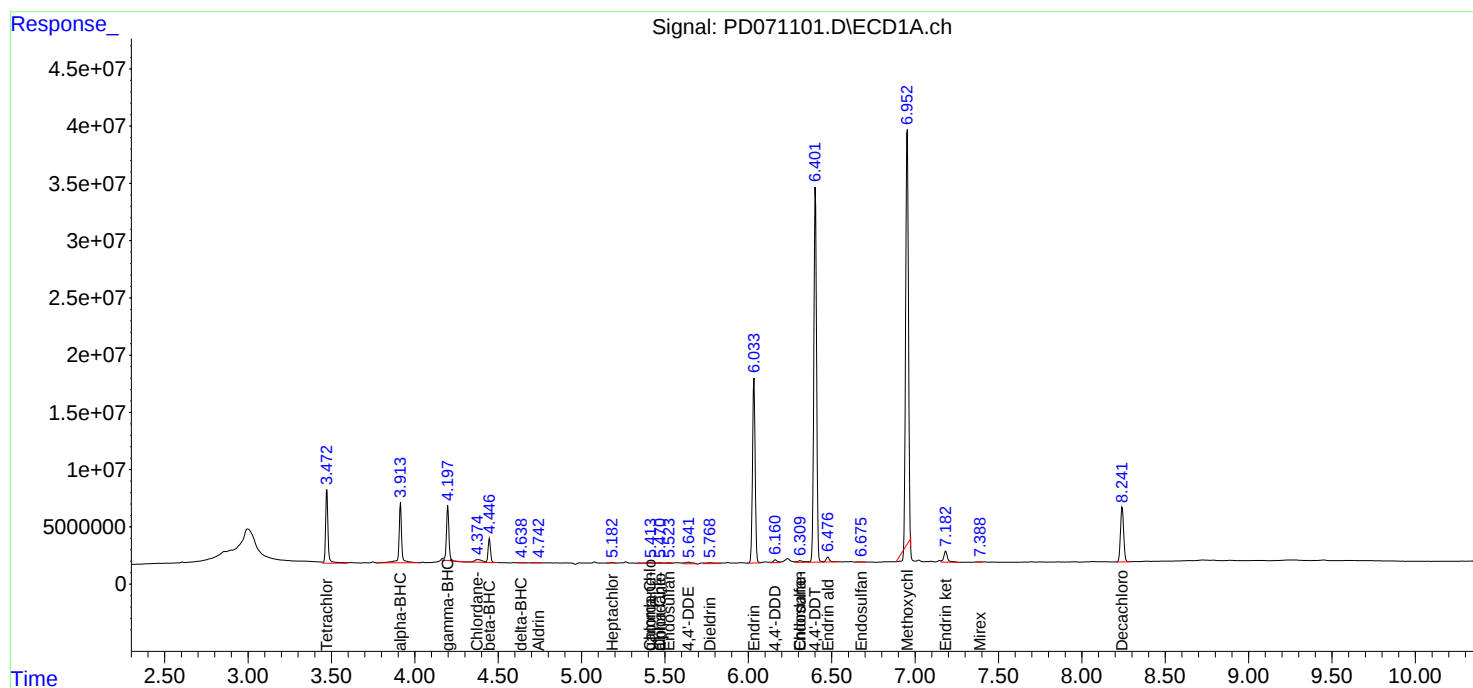
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

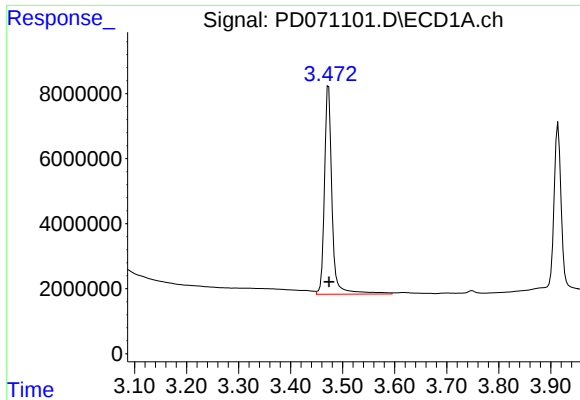
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
Data File : PD071101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2022 19:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 23:55:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 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

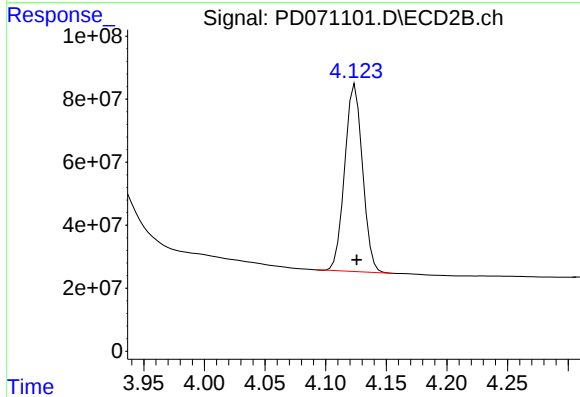




#1 Tetrachloro-m-xylene

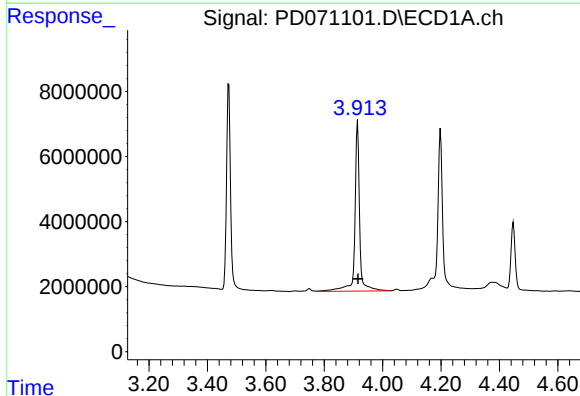
R.T.: 3.473 min
Delta R.T.: -0.001 min
Response: 65605605
Conc: 22.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



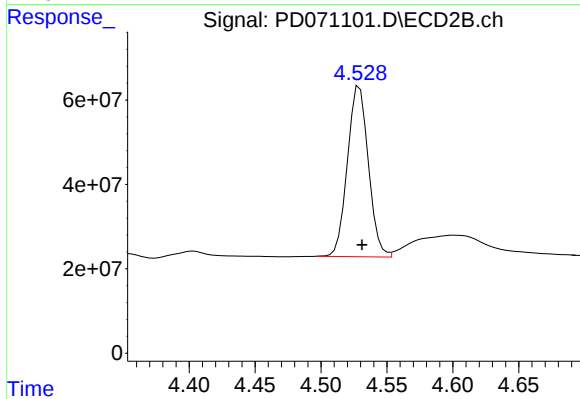
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 607235440
Conc: 21.00 ng/ml



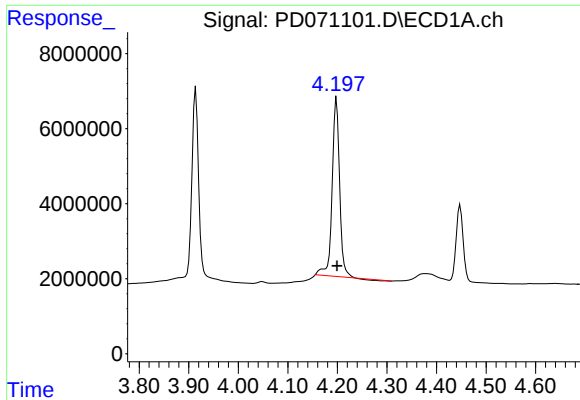
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 59450174
Conc: 13.55 ng/ml



#2 alpha-BHC

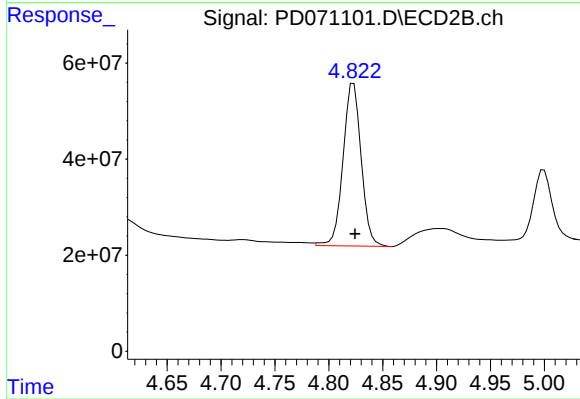
R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 447457641
Conc: 11.81 ng/ml



#3 gamma-BHC (Lindane)

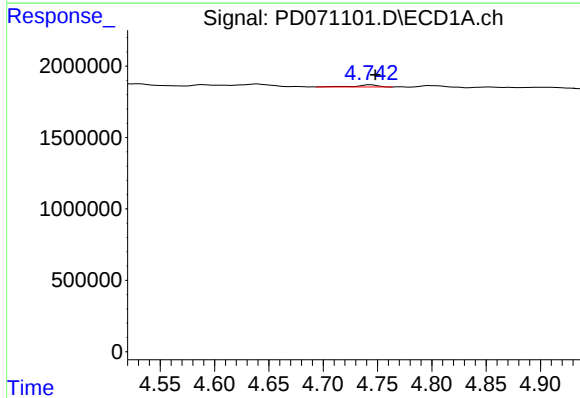
R.T.: 4.198 min
Delta R.T.: -0.001 min
Response: 49411636
Conc: 11.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



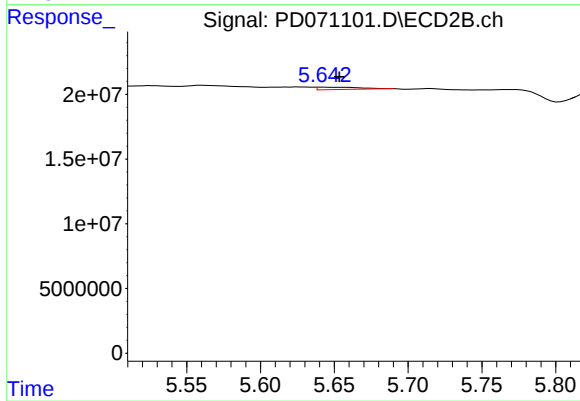
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 397151575
Conc: 13.30 ng/ml



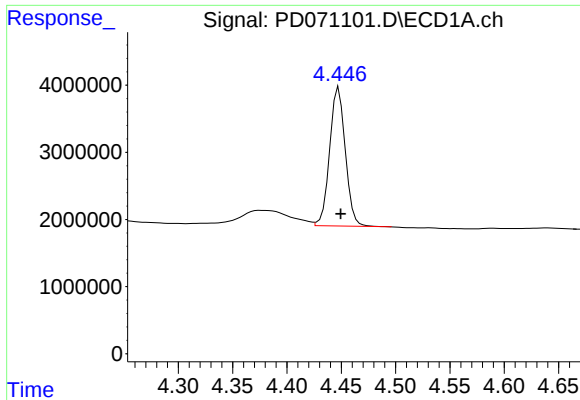
#5 Aldrin

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 208964
Conc: 0.05 ng/ml



#5 Aldrin

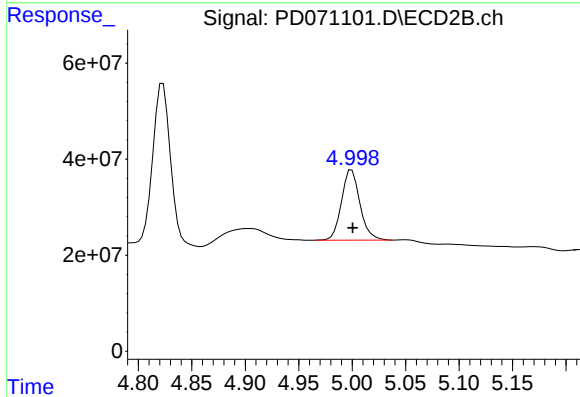
R.T.: 5.642 min
Delta R.T.: -0.012 min
Response: 3120151
Conc: 0.17 ng/ml



#6 beta-BHC

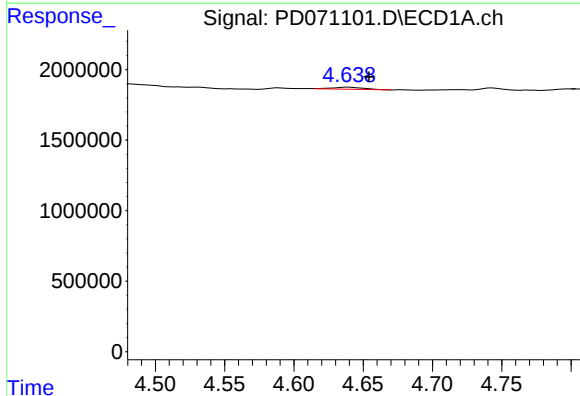
R.T.: 4.448 min
Delta R.T.: -0.002 min
Response: 20531480
Conc: 12.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



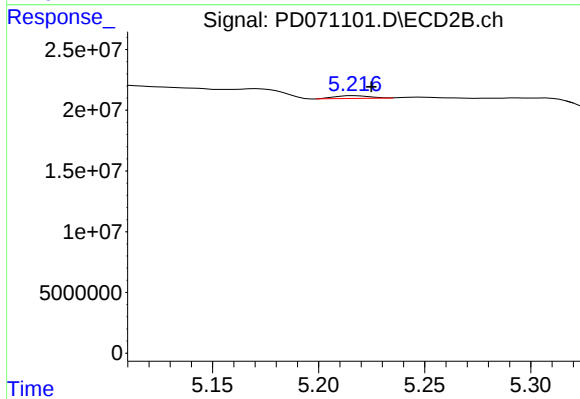
#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 175687094
Conc: 13.10 ng/ml



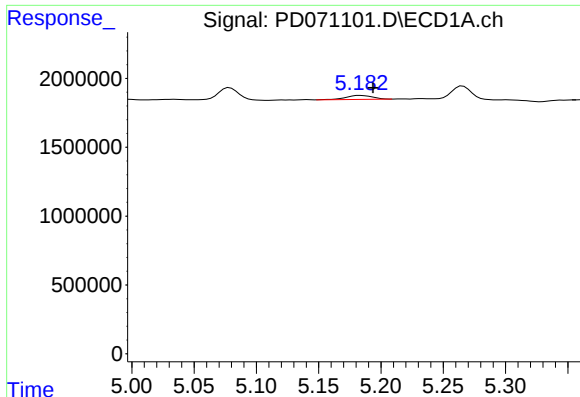
#7 delta-BHC

R.T.: 4.639 min
Delta R.T.: -0.015 min
Response: 216458
Conc: 0.05 ng/ml



#7 delta-BHC

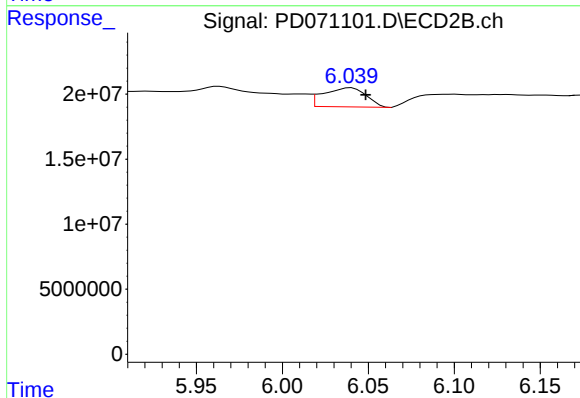
R.T.: 5.217 min
Delta R.T.: -0.008 min
Response: 2582434
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

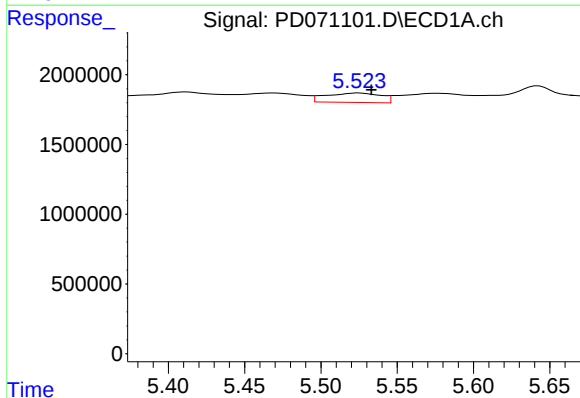
R.T.: 5.184 min
Delta R.T.: -0.010 min
Response: 427237
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



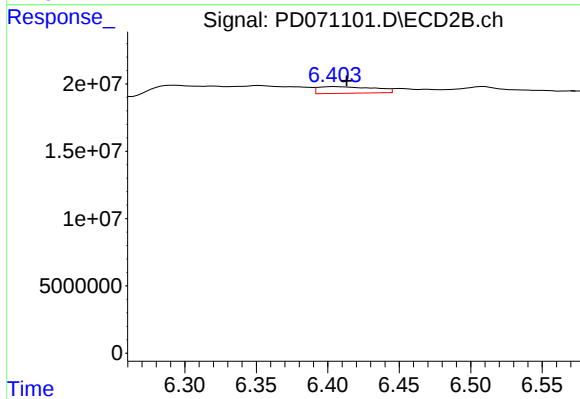
#8 Heptachlor epoxide

R.T.: 6.040 min
Delta R.T.: -0.009 min
Response: 25186775
Conc: 1.67 ng/ml



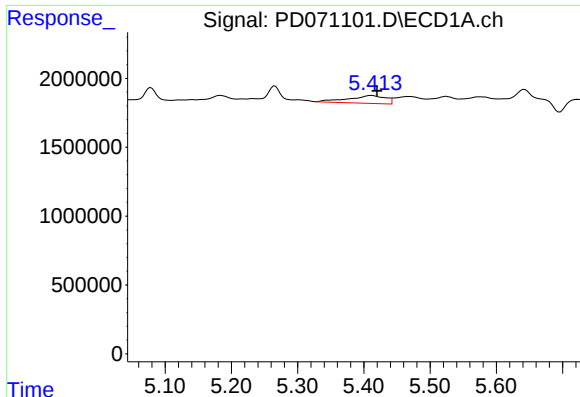
#9 Endosulfan I

R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 1687693
Conc: 0.48 ng/ml



#9 Endosulfan I

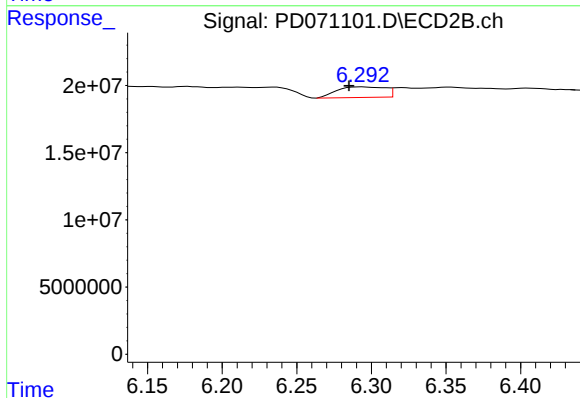
R.T.: 6.405 min
Delta R.T.: -0.009 min
Response: 13421728
Conc: 0.92 ng/ml



#10 gamma-Chlordane

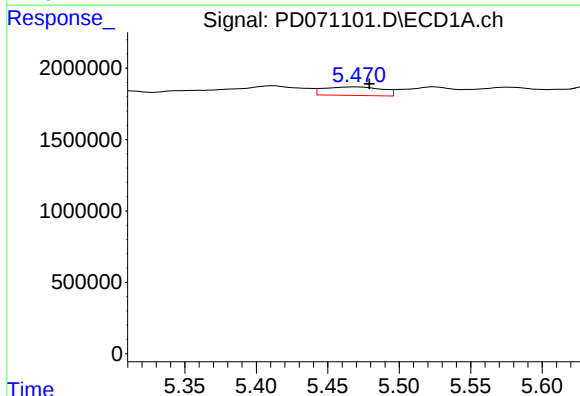
R.T.: 5.412 min
Delta R.T.: -0.008 min
Response: 2214352
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



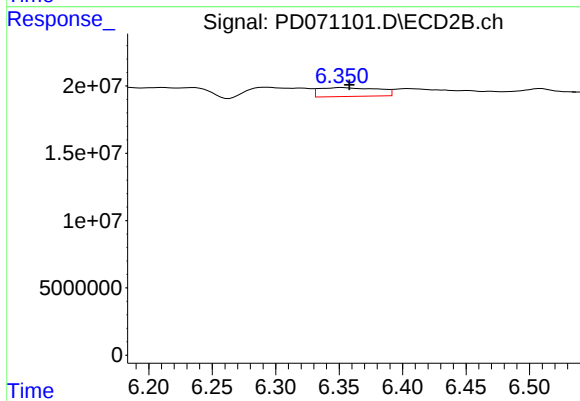
#10 gamma-Chlordane

R.T.: 6.293 min
Delta R.T.: 0.009 min
Response: 17709942
Conc: 1.12 ng/ml



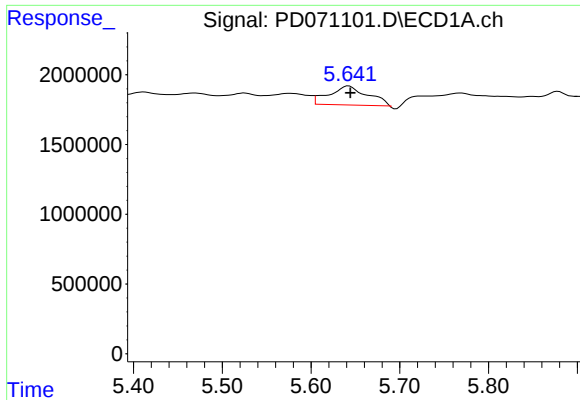
#11 alpha-Chlordane

R.T.: 5.470 min
Delta R.T.: -0.010 min
Response: 1665845
Conc: 0.44 ng/ml



#11 alpha-Chlordane

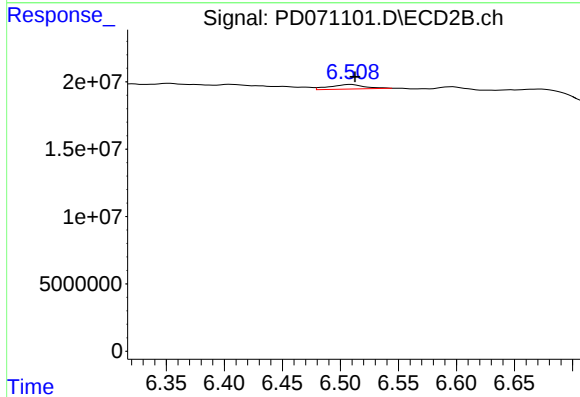
R.T.: 6.353 min
Delta R.T.: -0.005 min
Response: 21368729
Conc: 1.39 ng/ml



#12 4,4'-DDE

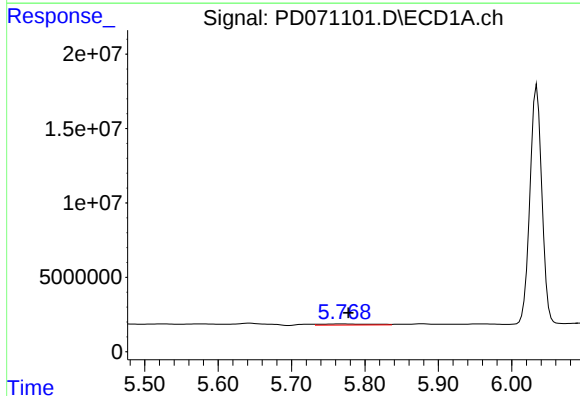
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 4024200
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



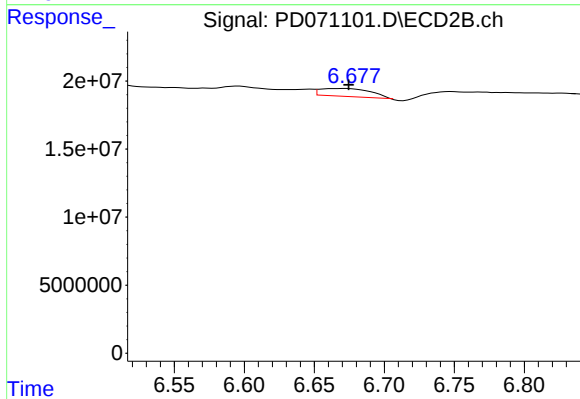
#12 4,4'-DDE

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 6080964
Conc: 0.41 ng/ml



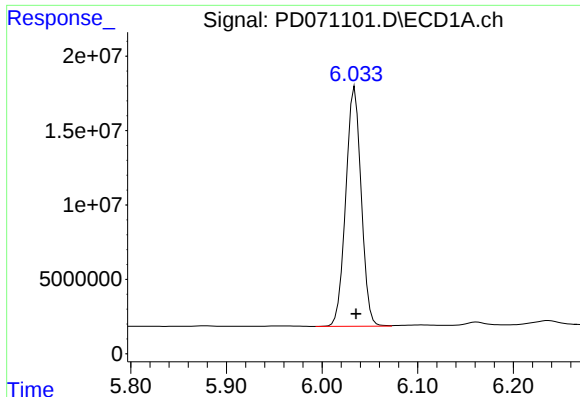
#13 Dieldrin

R.T.: 5.769 min
Delta R.T.: -0.008 min
Response: 3531746
Conc: 0.94 ng/ml



#13 Dieldrin

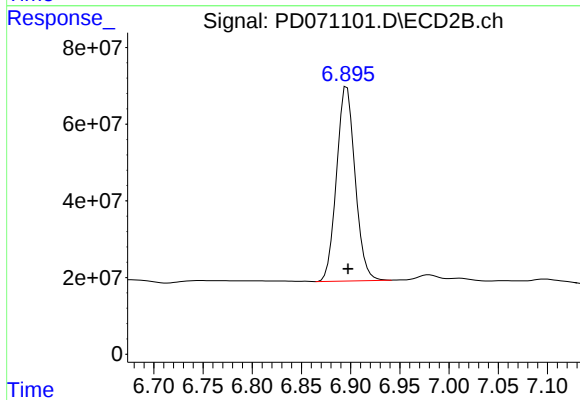
R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 13949458
Conc: 0.91 ng/ml



#14 Endrin

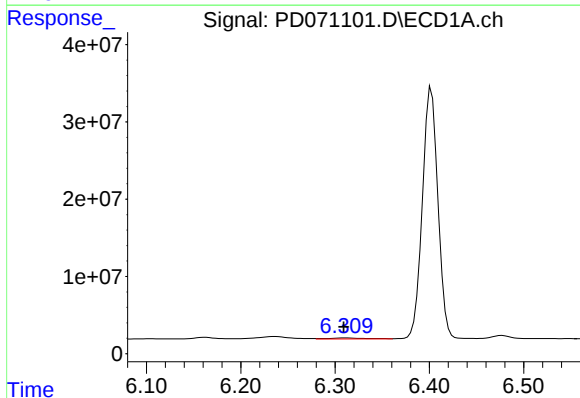
R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 181440780
Conc: 58.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



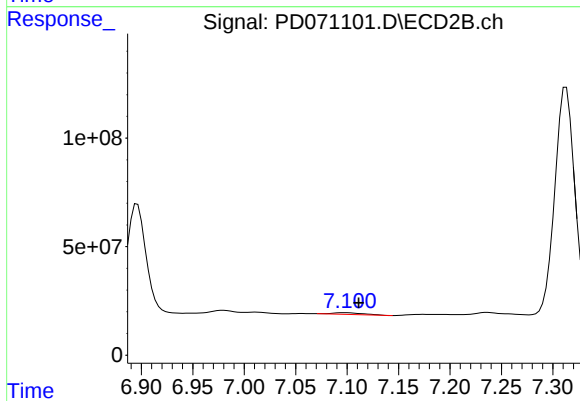
#14 Endrin

R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 664493364
Conc: 64.07 ng/ml



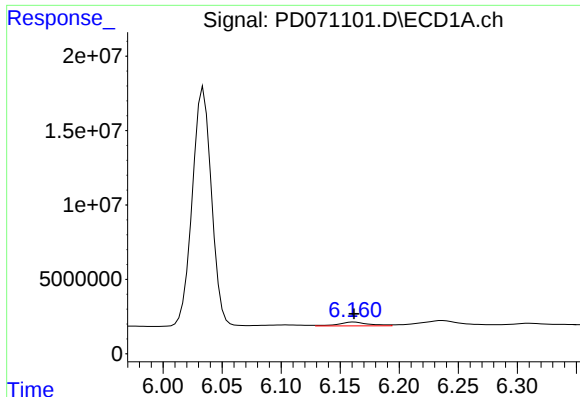
#15 Endosulfan II

R.T.: 6.311 min
Delta R.T.: 0.002 min
Response: 3826849
Conc: 1.27 ng/ml



#15 Endosulfan II

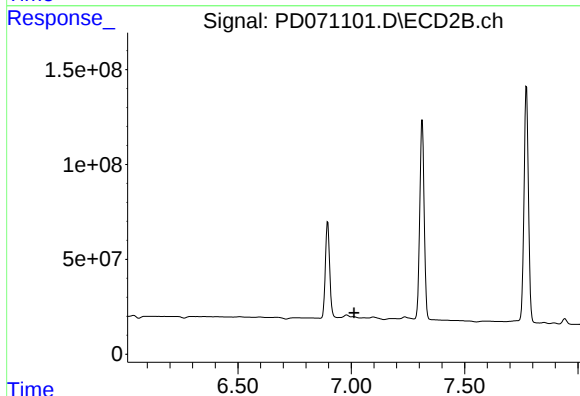
R.T.: 7.098 min
Delta R.T.: -0.014 min
Response: 16951853
Conc: 1.35 ng/ml



#16 4,4'-DDD

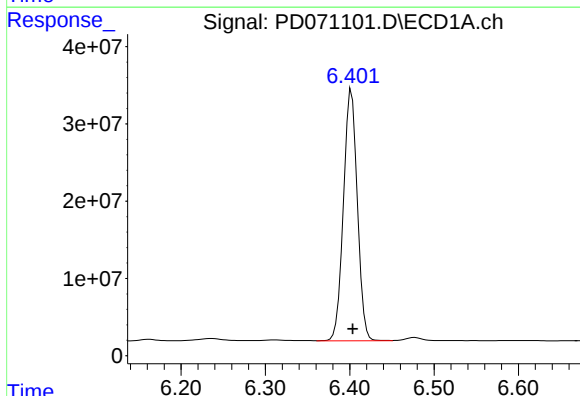
R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 4640907
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



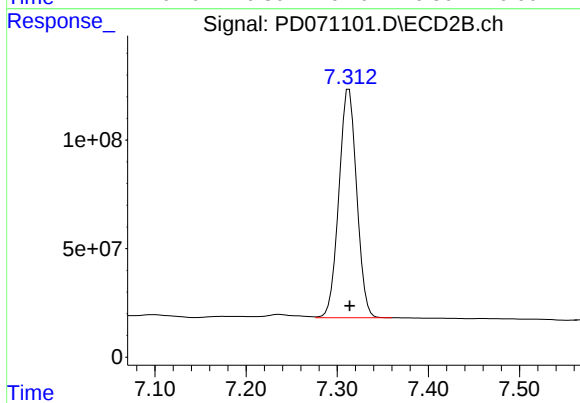
#16 4,4'-DDD

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: -1100631
Conc: N.D.



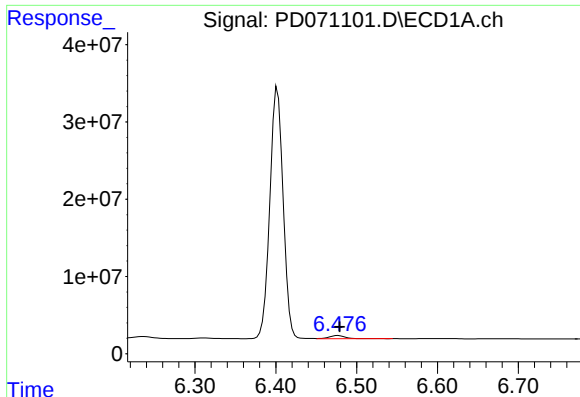
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 373471223
Conc: 122.00 ng/ml



#17 4,4'-DDT

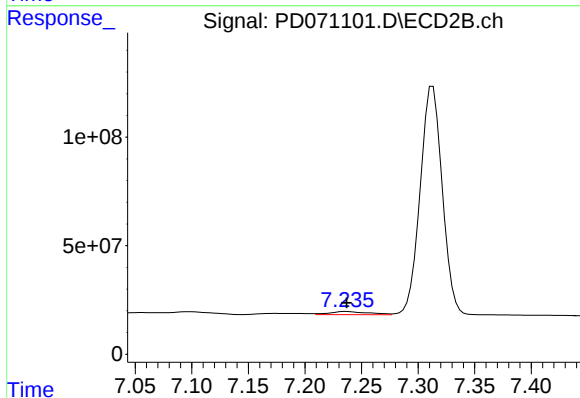
R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 1429918476
Conc: 106.76 ng/ml



#18 Endrin aldehyde

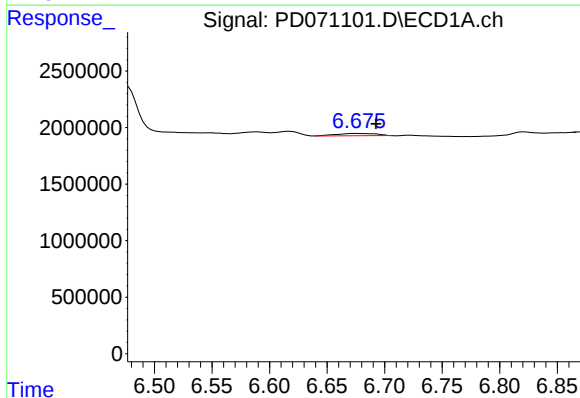
R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 6140031
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



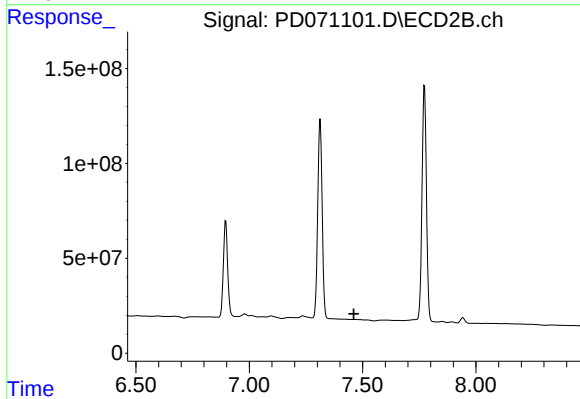
#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 35031125
Conc: 3.47 ng/ml



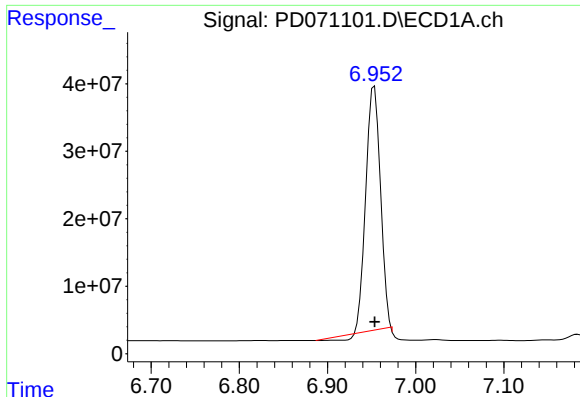
#19 Endosulfan Sulfate

R.T.: 6.677 min
Delta R.T.: -0.016 min
Response: 466774
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

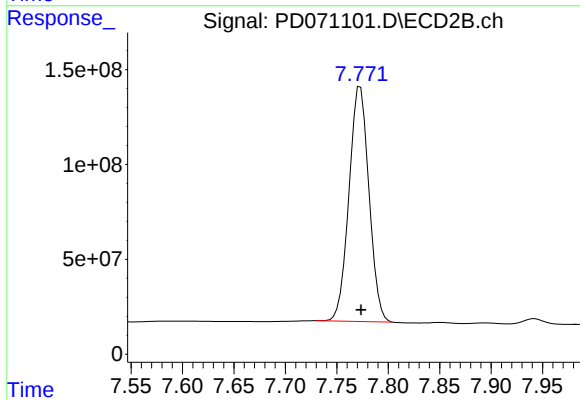
R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: -112432
Conc: N.D.



#20 Methoxychlor

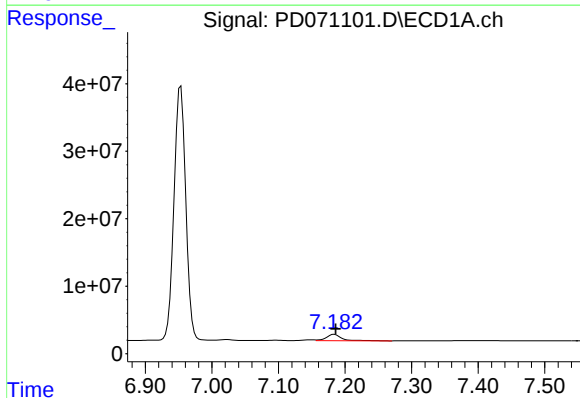
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 408279443
Conc: 246.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



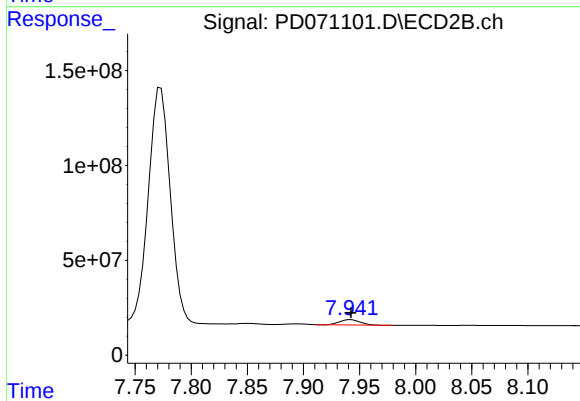
#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1670958915
Conc: 243.17 ng/ml



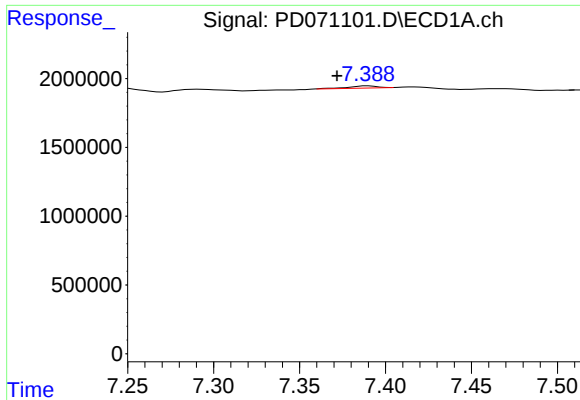
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 15202163
Conc: 4.39 ng/ml



#21 Endrin ketone

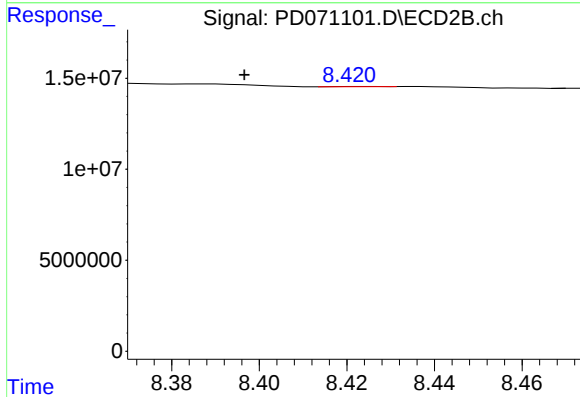
R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 34172768
Conc: 2.47 ng/ml



#22 Mirex

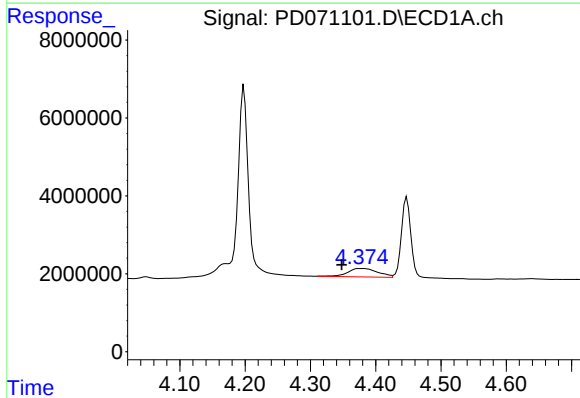
R.T.: 7.390 min
Delta R.T.: 0.018 min
Response: 176143
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



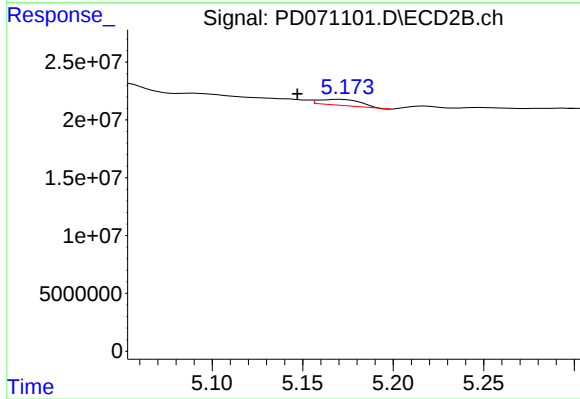
#22 Mirex

R.T.: 8.422 min
Delta R.T.: 0.025 min
Response: 53139
Conc: 0.01 ng/ml



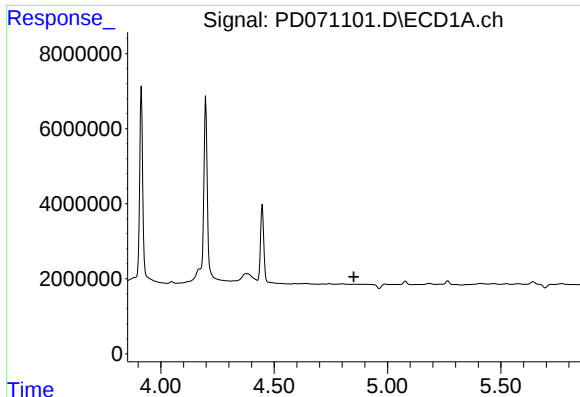
#23 Chlordane-1

R.T.: 4.376 min
Delta R.T.: 0.028 min
Response: 7023399
Conc: 65.12 ng/ml



#23 Chlordane-1

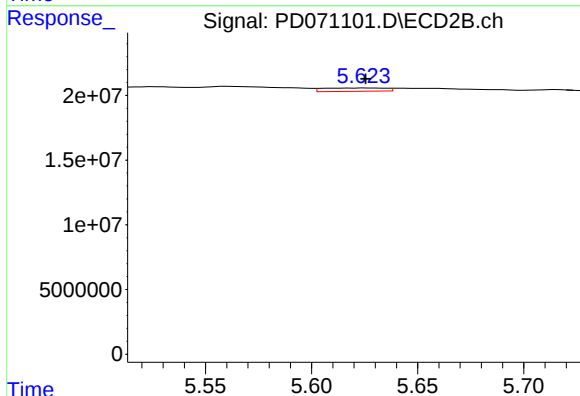
R.T.: 5.171 min
Delta R.T.: 0.024 min
Response: 8395789
Conc: 10.29 ng/ml



#24 Chlordane-2

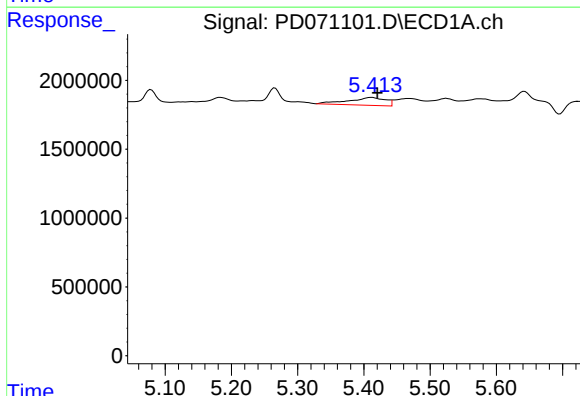
R.T.: 0.000 min
Exp R.T.: 4.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



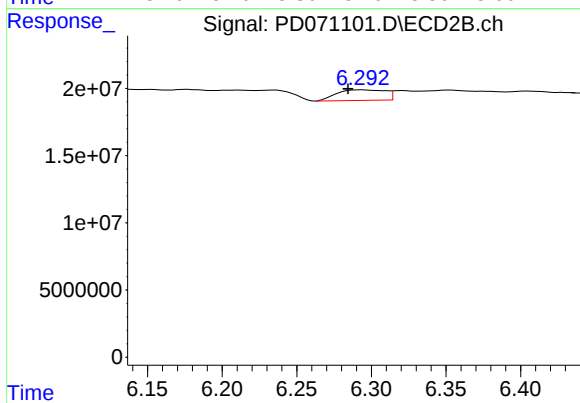
#24 Chlordane-2

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 5343275
Conc: 8.96 ng/ml



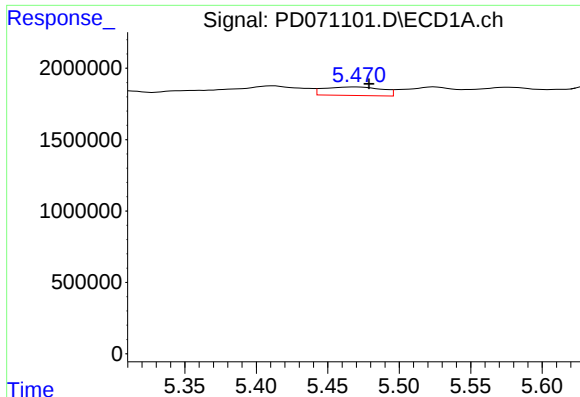
#25 Chlordane-3

R.T.: 5.412 min
Delta R.T.: -0.008 min
Response: 2214352
Conc: 6.22 ng/ml



#25 Chlordane-3

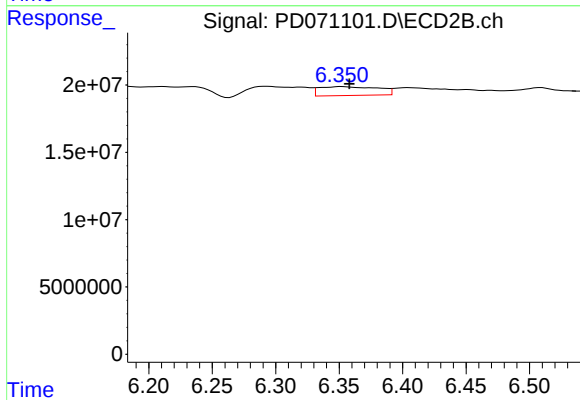
R.T.: 6.293 min
Delta R.T.: 0.009 min
Response: 17709942
Conc: 8.97 ng/ml



#26 Chlordane-4

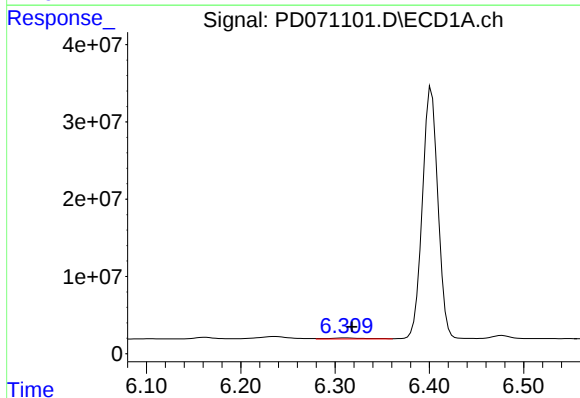
R.T.: 5.470 min
Delta R.T.: -0.009 min
Response: 1665845
Conc: 5.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



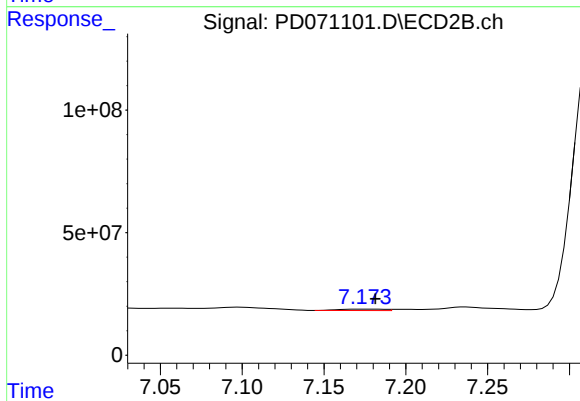
#26 Chlordane-4

R.T.: 6.353 min
Delta R.T.: -0.005 min
Response: 21368729
Conc: 9.32 ng/ml



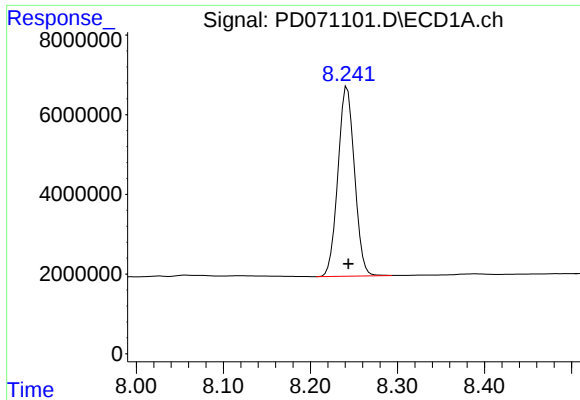
#27 Chlordane-5

R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 3826849
Conc: 31.25 ng/ml



#27 Chlordane-5

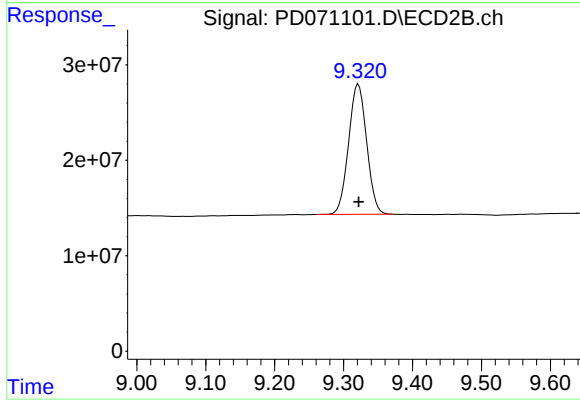
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 10969917
Conc: 22.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 62967461
Conc: 20.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 248397620
Conc: 21.78 ng/ml