

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 03:32
 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: Jul 20 06:37:08 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...	3.474	4.125	57222390	598.9E6	19.746	20.716
28)	SA Decachlor...	8.243	9.322	61843243	238.5E6	20.241	20.910
Target Compounds							
2)	A alpha-BHC	3.915	4.530	44584916	439.1E6	10.162	11.585
3)	MA gamma-BHC...	4.199	4.824	41445874	382.8E6	9.545	12.818 #
5)	MB Aldrin	4.746	5.654	122710	939471	0.029	0.051 #
6)	B beta-BHC	4.448	5.000	18351118	169.3E6	10.980	12.624
7)	B delta-BHC	0.000	5.241f	0	2357328	N.D.	0.100 #
8)	B Heptachlo...	5.188	6.040	234656	57158559	0.063	3.781 #
9)	A Endosulfan I	0.000	6.416	0	11396121	N.D.	0.785 #
10)	B gamma-Chl...	5.420	6.294	116108	25172066	0.030	1.596 #
11)	B alpha-Chl...	0.000	6.365	0	19930525	N.D.	1.295 #
12)	B 4,4'-DDE	5.645	6.513	1028210	2564110	0.292	0.171 #
13)	MA Dieldrin	0.000	6.675	0	8262520	N.D.	0.541 #
14)	MA Endrin	6.035	6.897	160.4E6	546.6E6	51.370	52.696
15)	B Endosulfa...	6.312	7.098	2262972	16218421	0.752	1.296 #
16)	A 4,4'-DDD	6.162	7.012	4842519	15633100	1.650	1.257
17)	MA 4,4'-DDT	6.403	7.314	335.3E6	1273.7E6	109.525	95.101
18)	B Endrin al...	6.477	7.236	6951749	36199914	2.898	3.590
20)	A Methoxychlor	6.953	7.773	412.0E6	1528.9E6	249.206	222.502
21)	B Endrin ke...	7.184	7.942	13394032	46010462	3.867	3.324
22)	Mirex	7.391f	0.000	1061487	0	0.383	N.D. #
23)	Chlordane-1	4.374f	0.000	3717696	0	34.468	N.D. #
24)	Chlordane-2	0.000	5.626	0	3782488	N.D.	6.342 #
25)	Chlordane-3	5.420	6.294	116108	25172066	0.326	12.747 #
26)	Chlordane-4	0.000	6.365	0	19930525	N.D.	8.689 #
27)	Chlordane-5	6.312	7.177	2262972	13514653	18.482	27.659 #

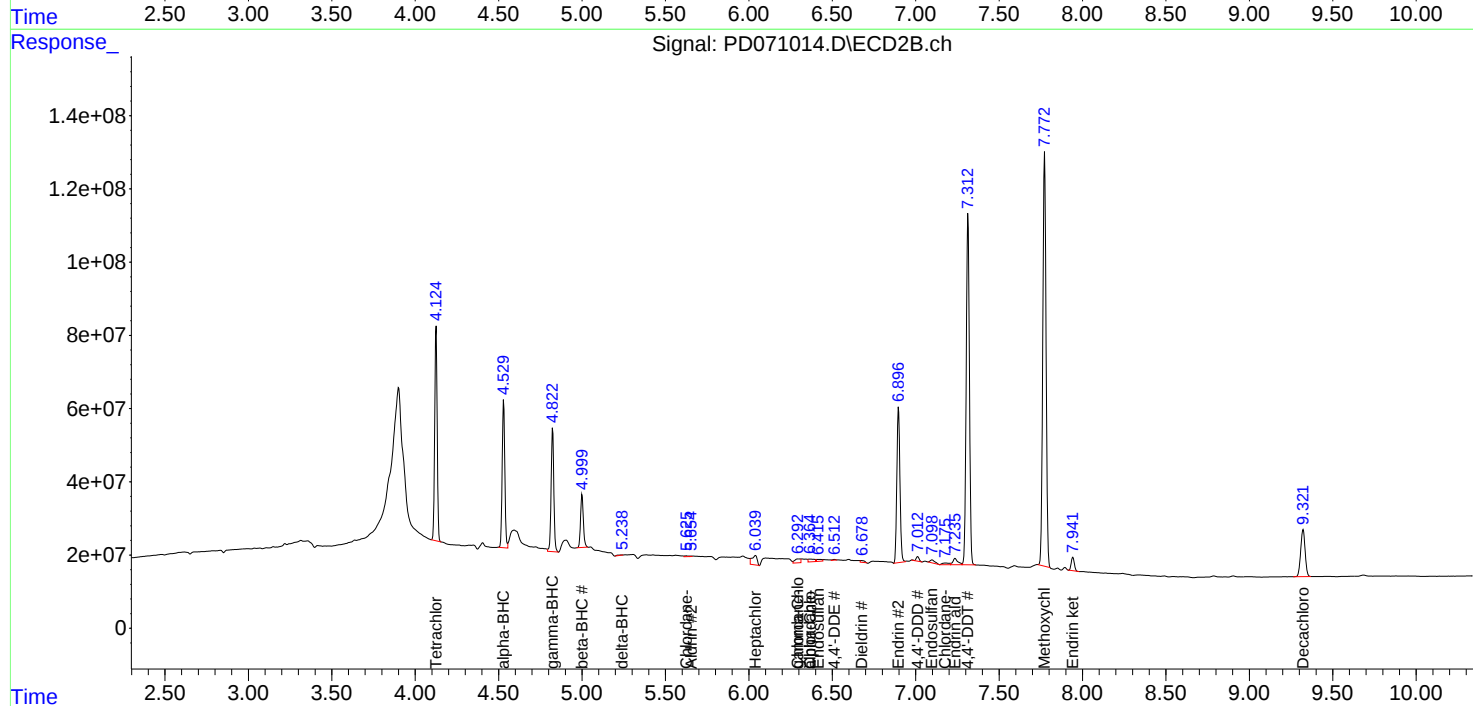
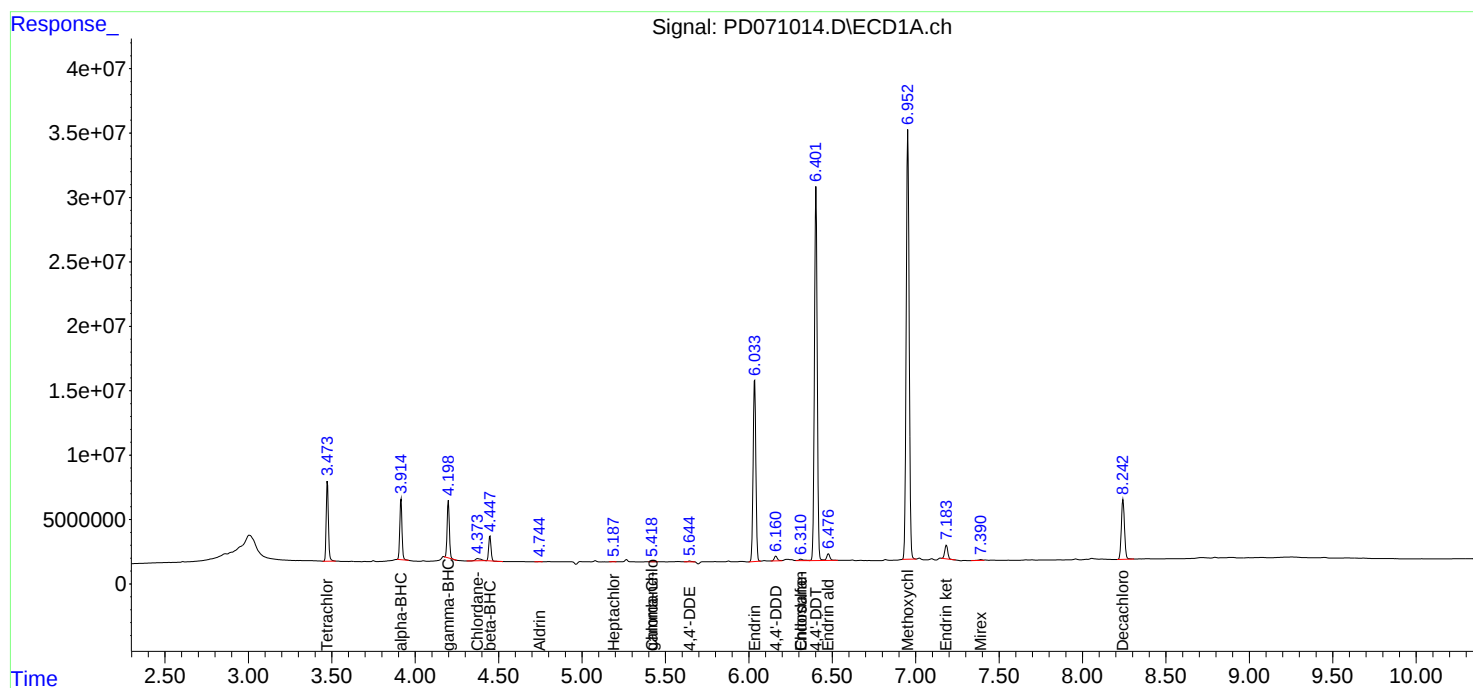
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

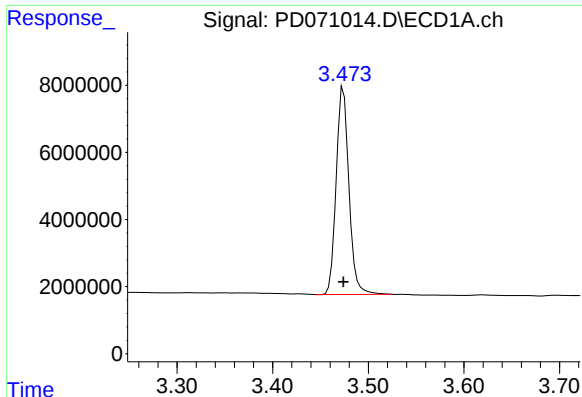
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
Data File : PD071014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 03:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 06:37:08 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

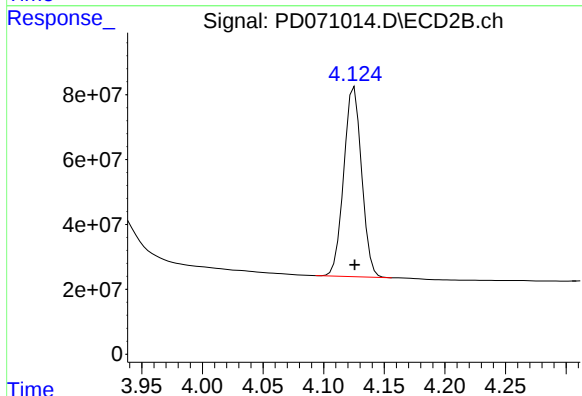




#1 Tetrachloro-m-xylene

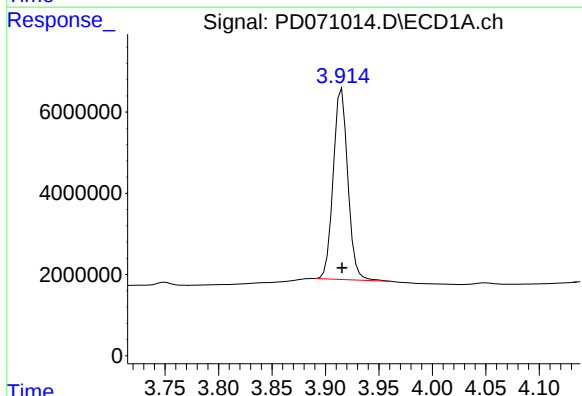
R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 57222390
Conc: 19.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



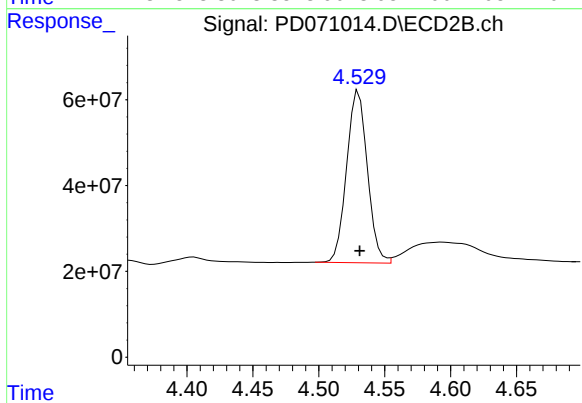
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 598940599
Conc: 20.72 ng/ml



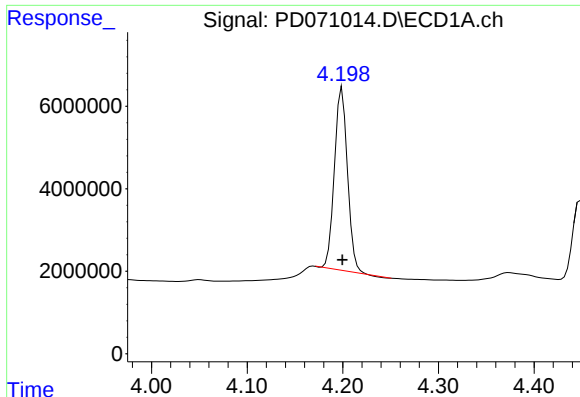
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 44584916
Conc: 10.16 ng/ml



#2 alpha-BHC

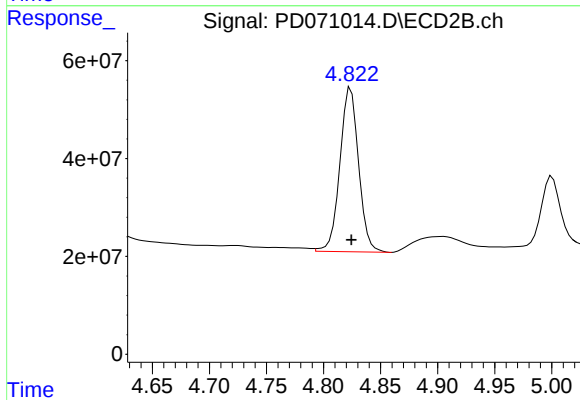
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 439115103
Conc: 11.59 ng/ml



#3 gamma-BHC (Lindane)

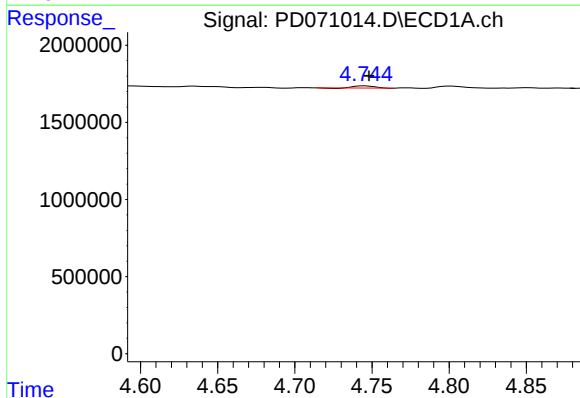
R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 41445874
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



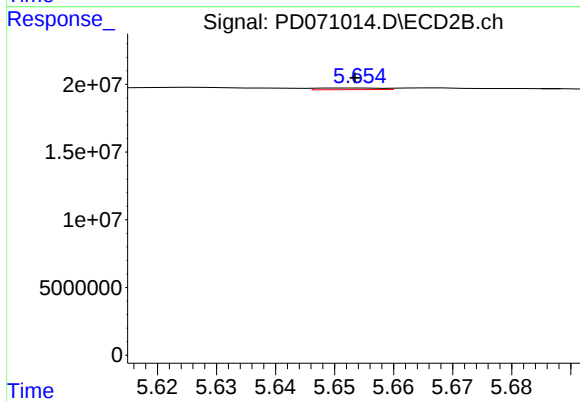
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 382842689
Conc: 12.82 ng/ml



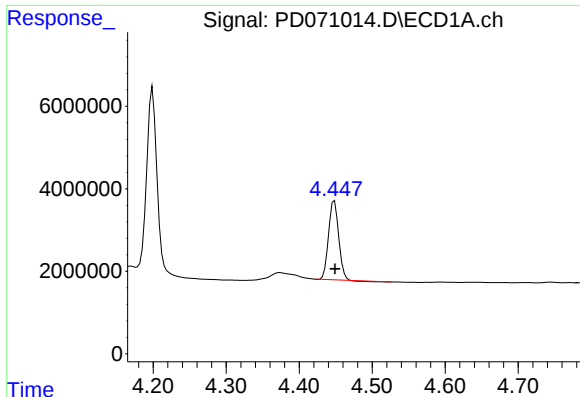
#5 Aldrin

R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 122710
Conc: 0.03 ng/ml



#5 Aldrin

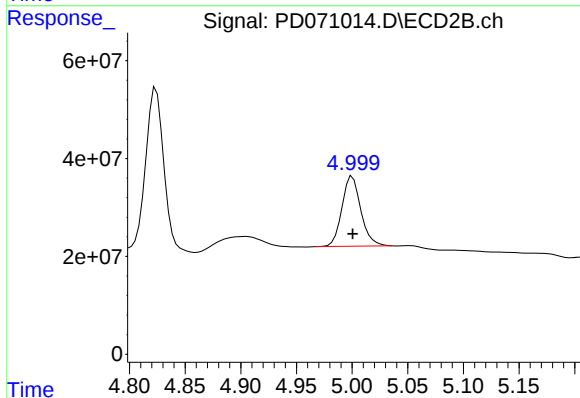
R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 939471
Conc: 0.05 ng/ml



#6 beta-BHC

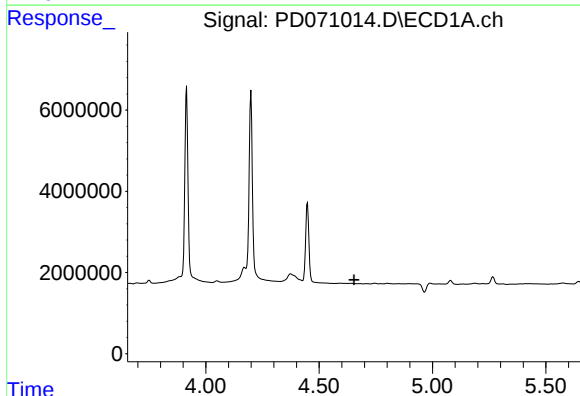
R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 18351118
Conc: 10.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



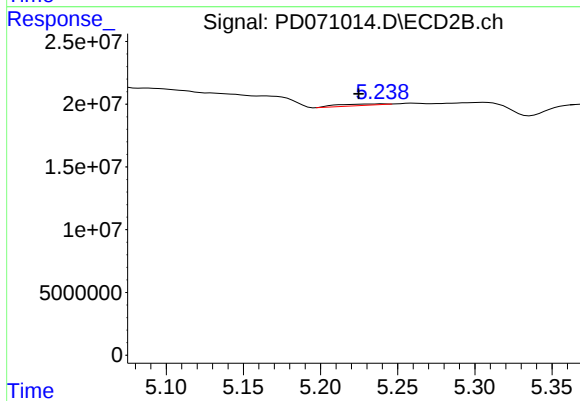
#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 169335521
Conc: 12.62 ng/ml



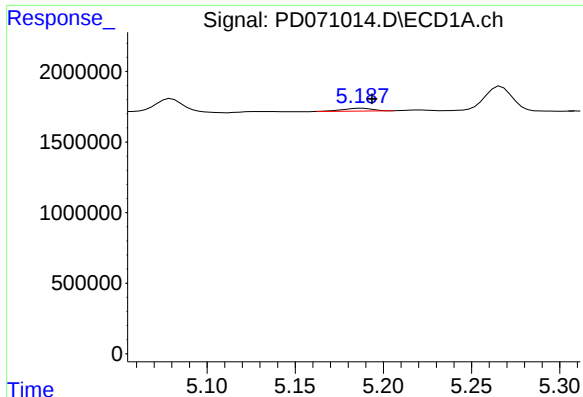
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



#7 delta-BHC

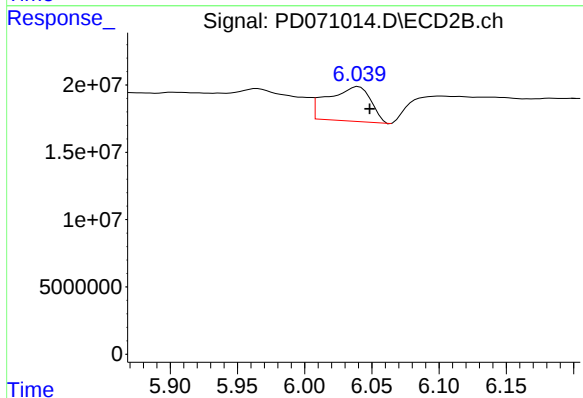
R.T.: 5.241 min
Delta R.T.: 0.016 min
Response: 2357328
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

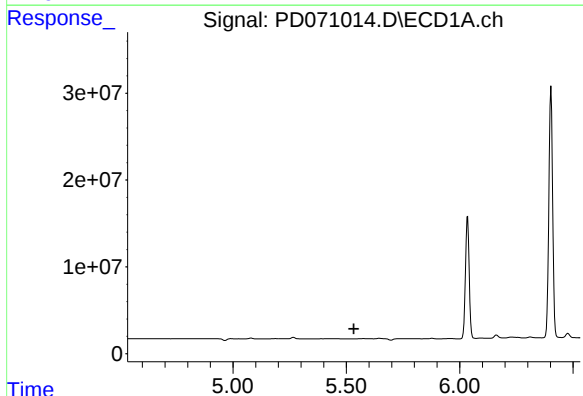
R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 234656
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



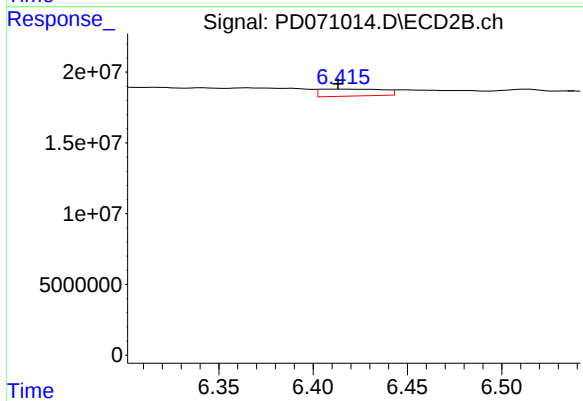
#8 Heptachlor epoxide

R.T.: 6.040 min
Delta R.T.: -0.008 min
Response: 57158559
Conc: 3.78 ng/ml



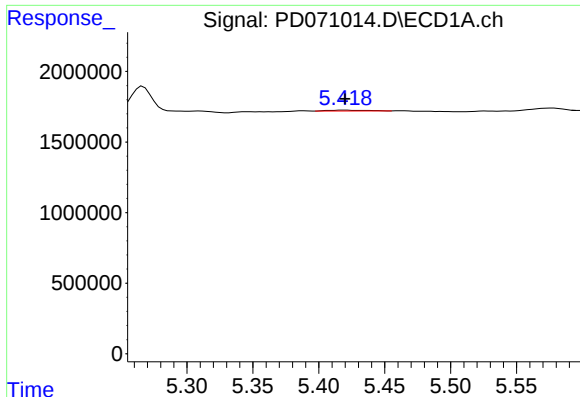
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



#9 Endosulfan I

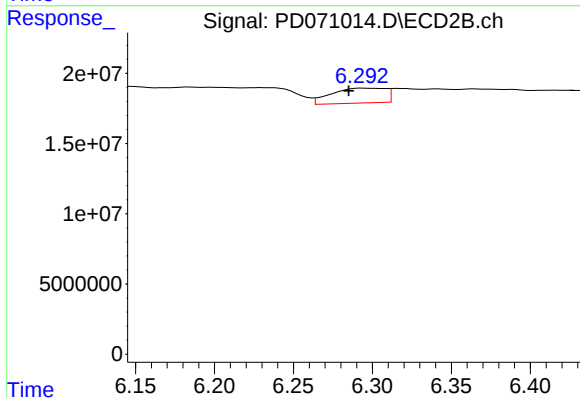
R.T.: 6.416 min
Delta R.T.: 0.003 min
Response: 11396121
Conc: 0.79 ng/ml



#10 gamma-Chlordane

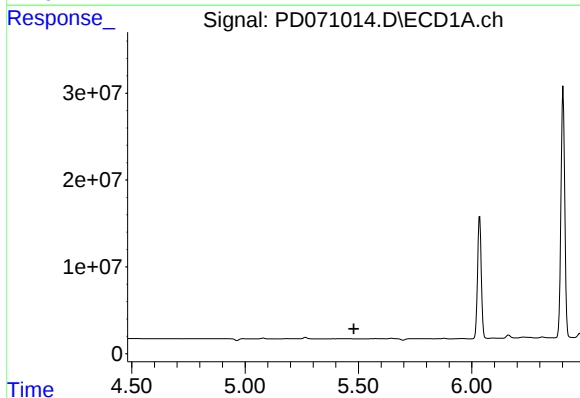
R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 116108
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



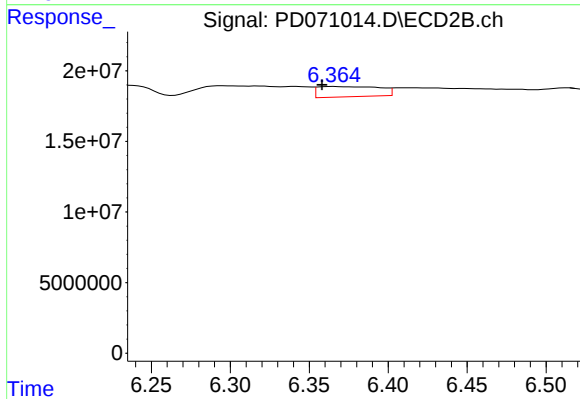
#10 gamma-Chlordane

R.T.: 6.294 min
Delta R.T.: 0.009 min
Response: 25172066
Conc: 1.60 ng/ml



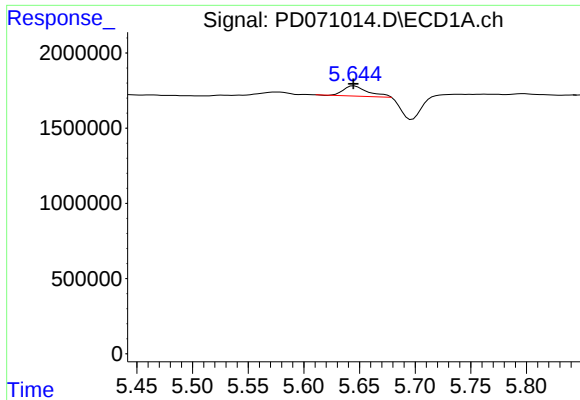
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.479 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

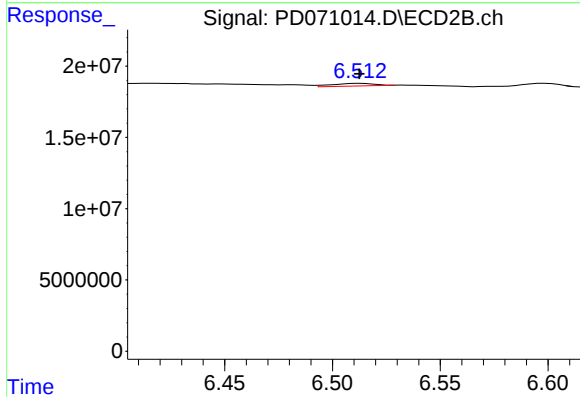
R.T.: 6.365 min
Delta R.T.: 0.007 min
Response: 19930525
Conc: 1.30 ng/ml



#12 4,4'-DDE

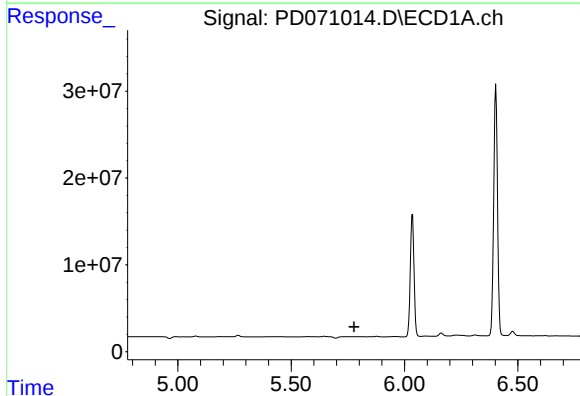
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 1028210
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



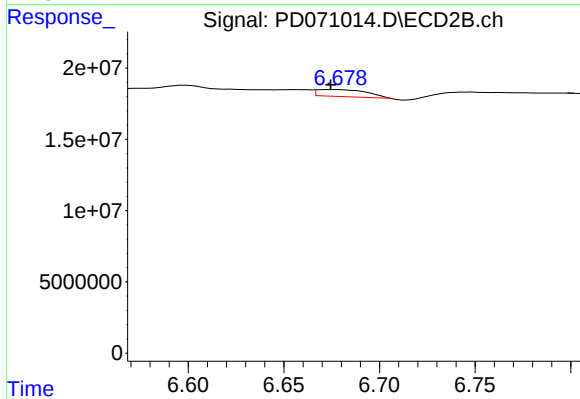
#12 4,4'-DDE

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2564110
Conc: 0.17 ng/ml



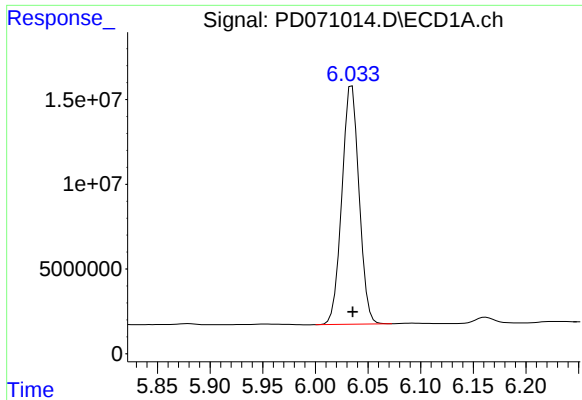
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.777 min
Response: 0
Conc: N.D.



#13 Dieldrin

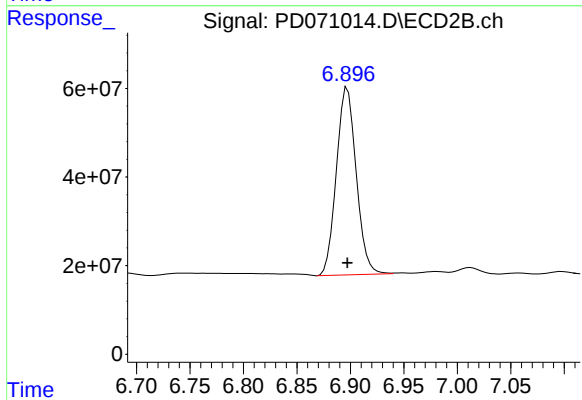
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 8262520
Conc: 0.54 ng/ml



#14 Endrin

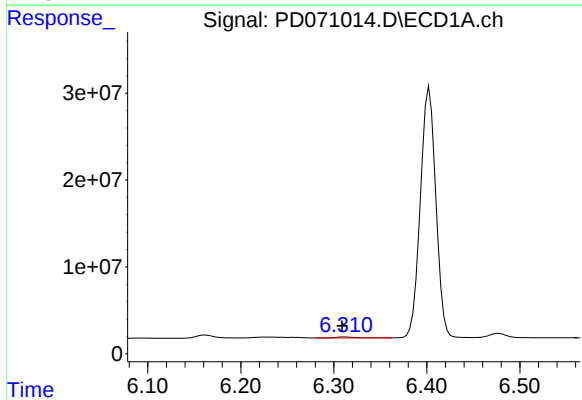
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 160415606
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



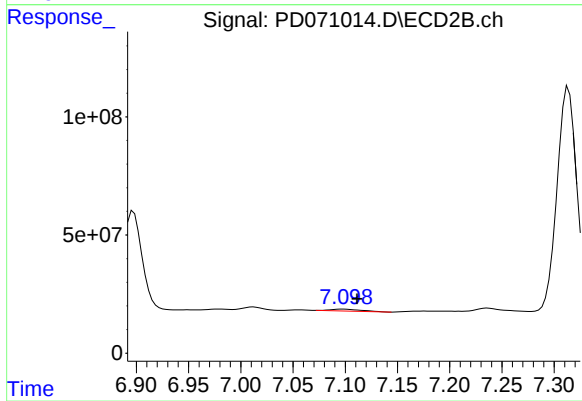
#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 546570902
Conc: 52.70 ng/ml



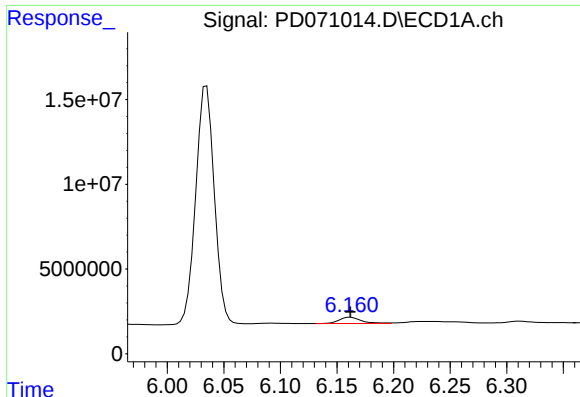
#15 Endosulfan II

R.T.: 6.312 min
Delta R.T.: 0.003 min
Response: 2262972
Conc: 0.75 ng/ml



#15 Endosulfan II

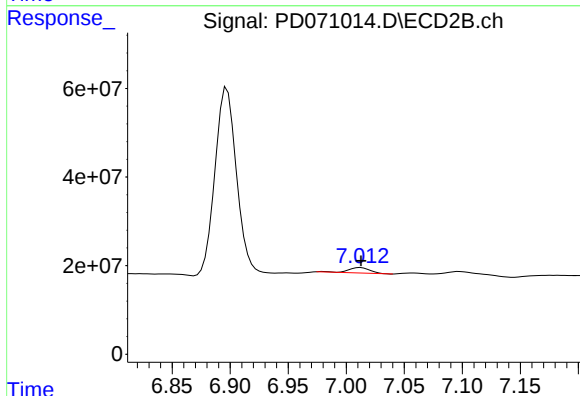
R.T.: 7.098 min
Delta R.T.: -0.014 min
Response: 16218421
Conc: 1.30 ng/ml



#16 4,4'-DDD

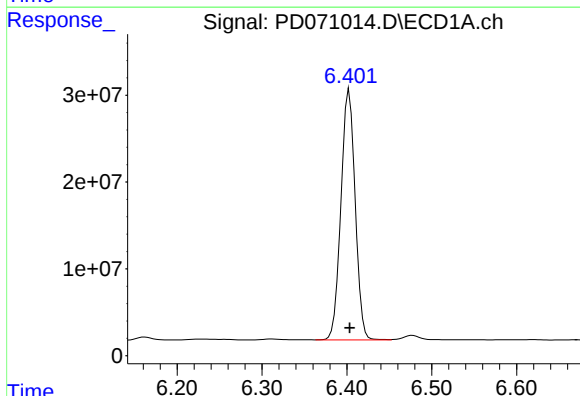
R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 4842519
Conc: 1.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



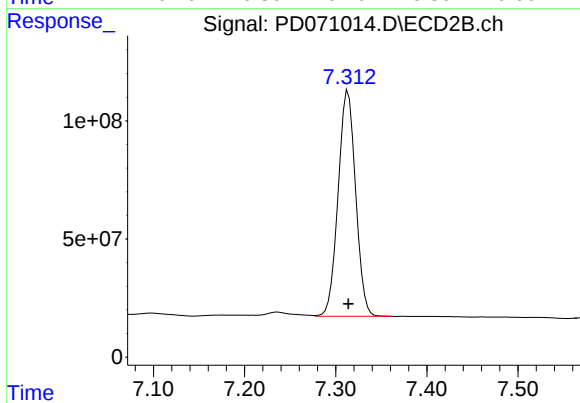
#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 15633100
Conc: 1.26 ng/ml



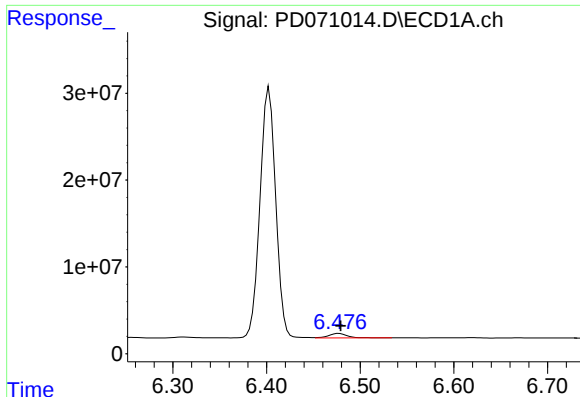
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 335269683
Conc: 109.52 ng/ml



#17 4,4'-DDT

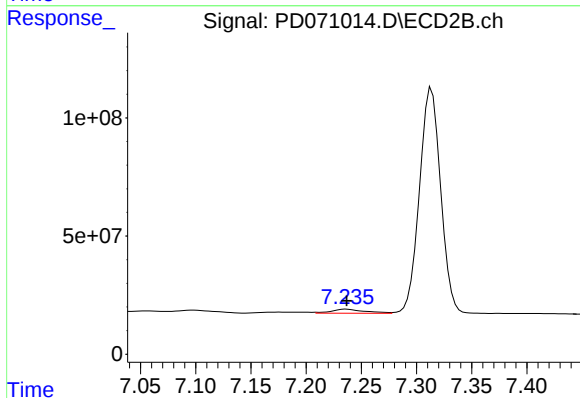
R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1273734893
Conc: 95.10 ng/ml



#18 Endrin aldehyde

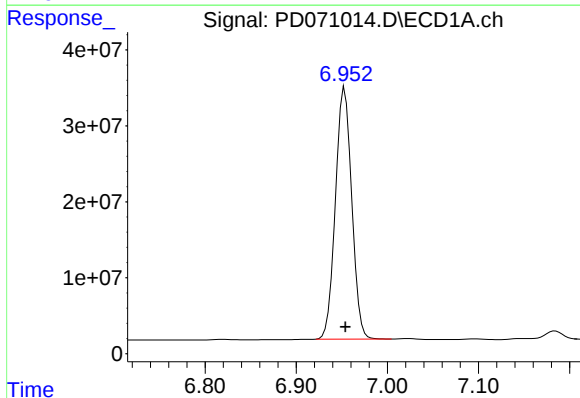
R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 6951749
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



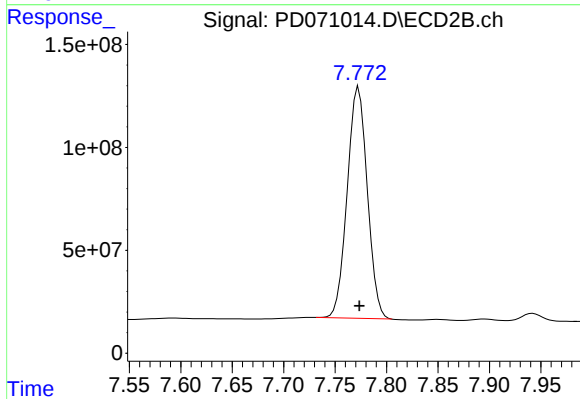
#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 36199914
Conc: 3.59 ng/ml



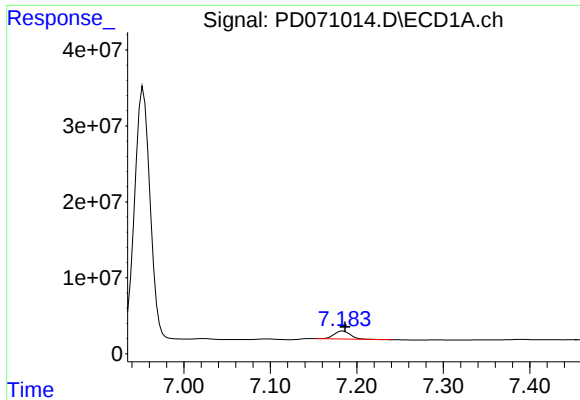
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 411969632
Conc: 249.21 ng/ml



#20 Methoxychlor

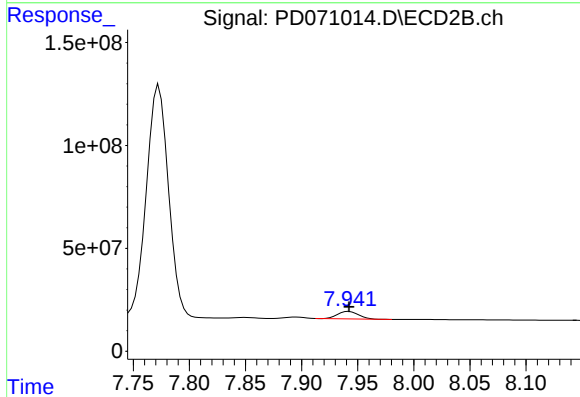
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1528920924
Conc: 222.50 ng/ml



#21 Endrin ketone

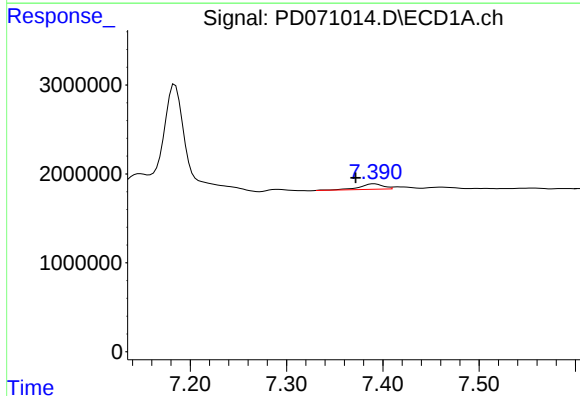
R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 13394032
Conc: 3.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



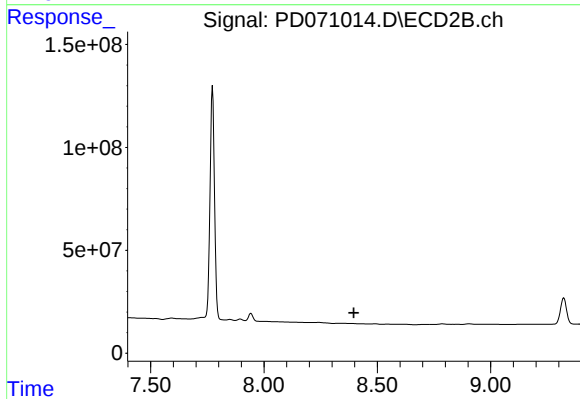
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 46010462
Conc: 3.32 ng/ml



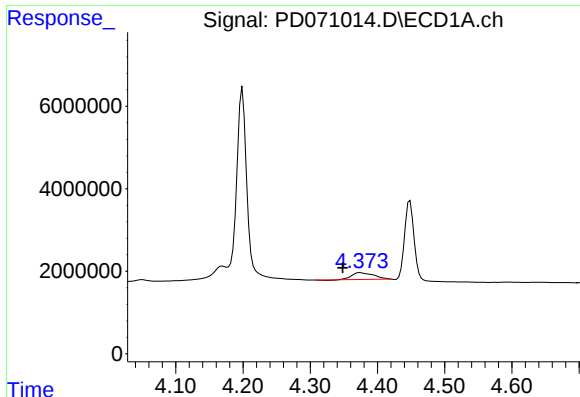
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.019 min
Response: 1061487
Conc: 0.38 ng/ml



#22 Mirex

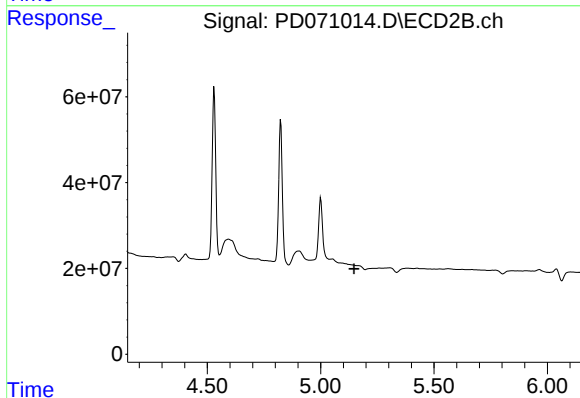
R.T.: 0.000 min
Exp R.T. : 8.397 min
Response: 0
Conc: N.D.



#23 Chlordane-1

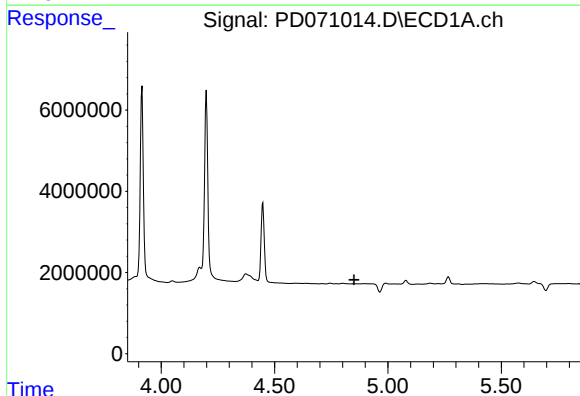
R.T.: 4.374 min
Delta R.T.: 0.026 min
Response: 3717696
Conc: 34.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



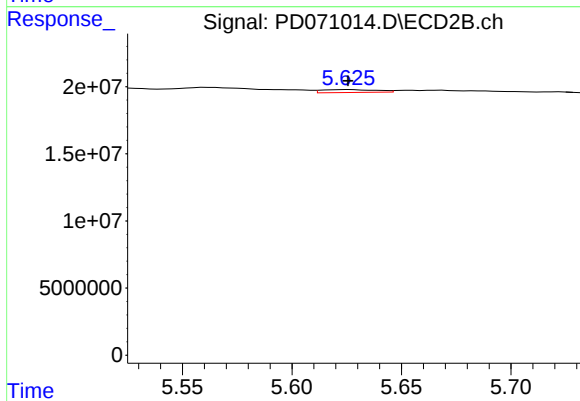
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.147 min
Response: 0
Conc: N.D.



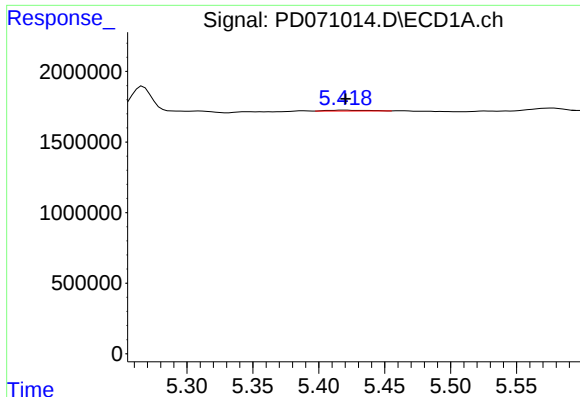
#24 Chlordane-2

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



#24 Chlordane-2

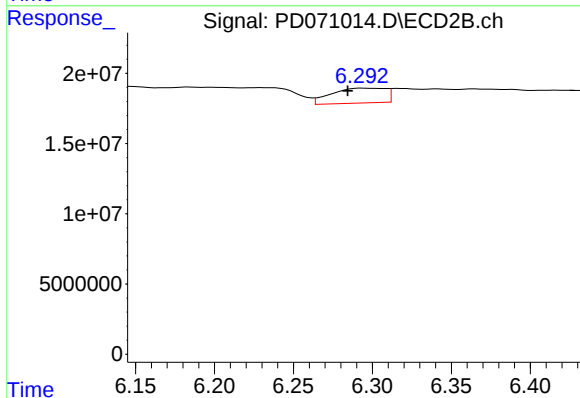
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 3782488
Conc: 6.34 ng/ml



#25 Chlordane-3

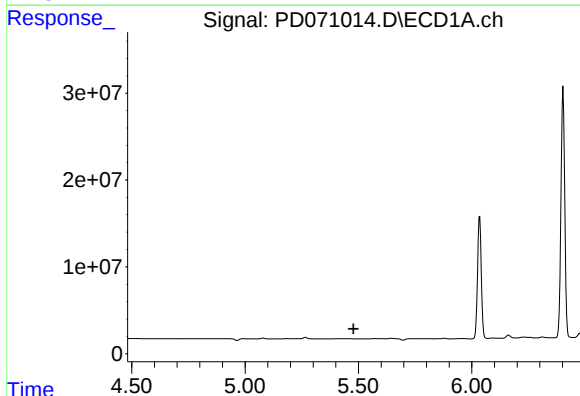
R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 116108
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



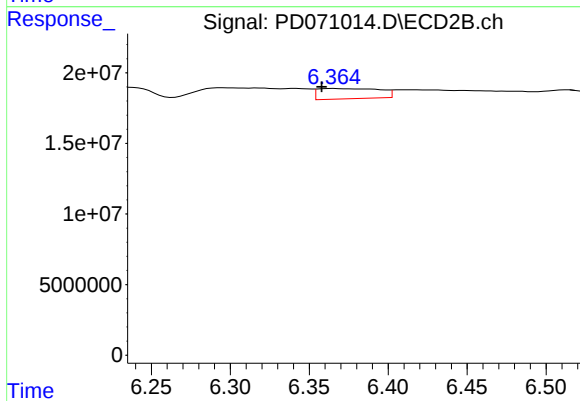
#25 Chlordane-3

R.T.: 6.294 min
Delta R.T.: 0.009 min
Response: 25172066
Conc: 12.75 ng/ml



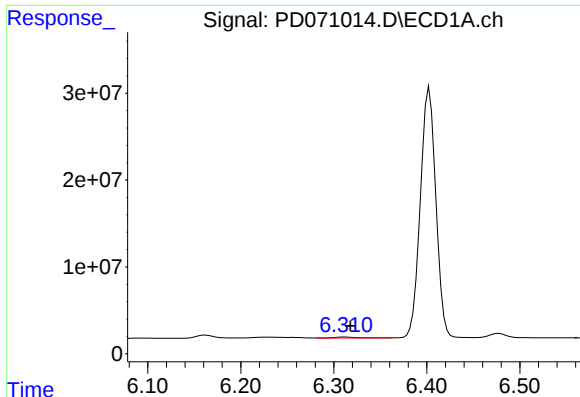
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.479 min
Response: 0
Conc: N.D.



#26 Chlordane-4

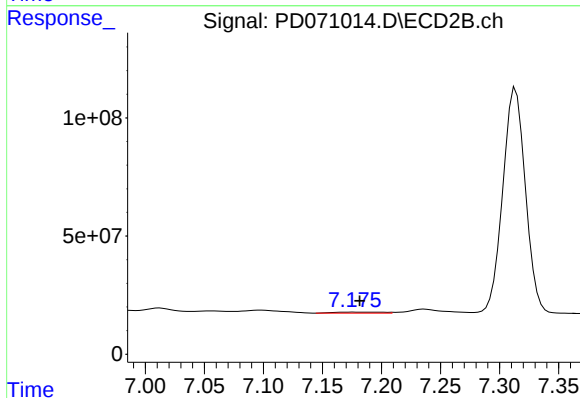
R.T.: 6.365 min
Delta R.T.: 0.007 min
Response: 19930525
Conc: 8.69 ng/ml



#27 Chlordane-5

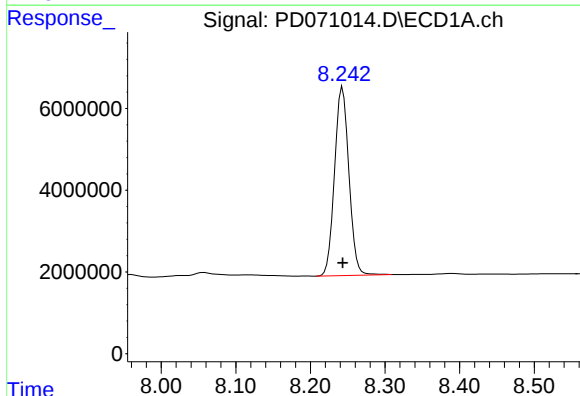
R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 2262972
Conc: 18.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



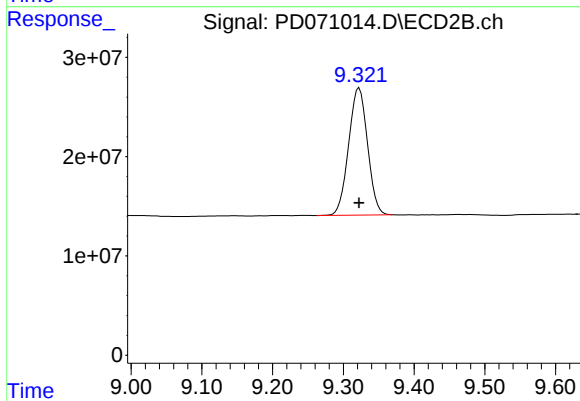
#27 Chlordane-5

R.T.: 7.177 min
Delta R.T.: -0.005 min
Response: 13514653
Conc: 27.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 61843243
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 238474275
Conc: 20.91 ng/ml