

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080522\
 Data File : PD071356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 12:26
 Operator : AR\AJ
 Sample : SOIL IDOC 04
 Misc : FOR YOGESH PATEL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

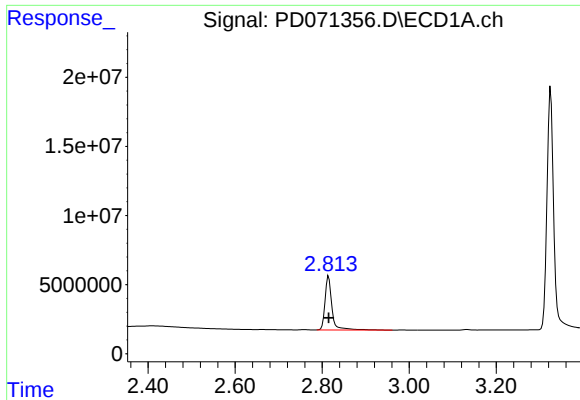
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 22:30:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	2.815	3.574	42643655	482.0E6	15.037	17.121
28)	SA Decachlor...	8.015	9.103	46085815	194.5E6	16.616	18.785
Target Compounds							
2)	A alpha-BHC	3.325	4.040	186.2E6	1697.4E6	44.401	45.722
3)	MA gamma-BHC...	3.659	4.376	174.7E6	1360.6E6	43.683	45.440
4)	MA Heptachlor	4.006	4.955	185.7E6	1013.8E6	43.788	47.949
5)	MB Aldrin	4.290	5.297	183.6E6	844.5E6	45.010	47.822
6)	B beta-BHC	3.957	4.582	71284837	544.7E6	41.728	45.991
7)	B delta-BHC	4.191	4.830	172.9E6	1085.7E6	44.043	54.554
8)	B Heptachlo...	4.797	5.728	165.8E6	762.9E6	45.280	58.374 #
9)	A Endosulfan I	5.172	6.116	154.6E6	683.9E6	45.130	49.741
10)	B gamma-Chl...	5.051	5.983	169.5E6	733.5E6	44.606	49.946
11)	B alpha-Chl...	5.115	6.060	166.9E6	719.3E6	44.916	49.604
12)	B 4,4'-DDE	5.306	6.233	155.7E6	708.7E6	45.498	49.580
13)	MA Dieldrin	5.439	6.393	166.7E6	744.7E6	46.025	50.677
14)	MA Endrin	5.716	6.626	141.6E6	577.9E6	44.723	46.196
15)	B Endosulfa...	6.011	6.851	133.9E6	604.9E6	44.556	48.789
16)	A 4,4'-DDD	5.865	6.757	136.6E6	631.8E6	47.913	53.122
17)	MA 4,4'-DDT	6.118	7.068	127.1E6	618.0E6	43.062	47.380
18)	B Endrin al...	6.192	6.982	104.5E6	479.3E6	47.402	49.472
19)	B Endosulfa...	6.417	7.215	134.9E6	597.9E6	46.919	50.134
20)	A Methoxychlor	6.699	7.544	68877724	344.5E6	41.756	49.983
21)	B Endrin ke...	6.927	7.707	164.8E6	690.8E6	50.604	51.456
22)	Mirex	7.115	8.169	116.8E6	449.2E6	47.724	52.218
24)	Chlordane-2	0.000	5.297f	0	844.5E6	N.D.	1409.906 #
25)	Chlordane-3	5.051	5.983	169.5E6	733.5E6	496.380	395.637
26)	Chlordane-4	5.115	6.060	166.9E6	719.3E6	526.056	330.010 #
27)	Chlordane-5	6.011	0.000	133.9E6	0	1107.457	N.D. #

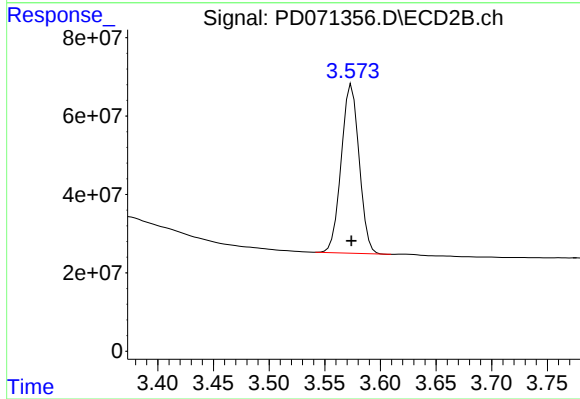
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

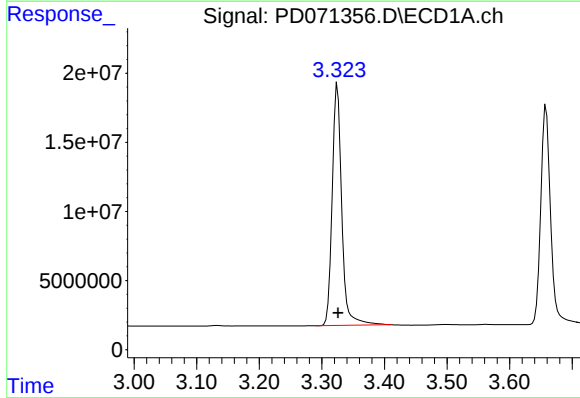
R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 42643655
Conc: 15.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



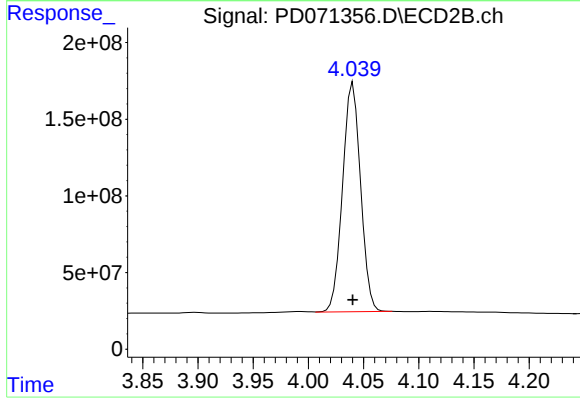
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 481961661
Conc: 17.12 ng/ml



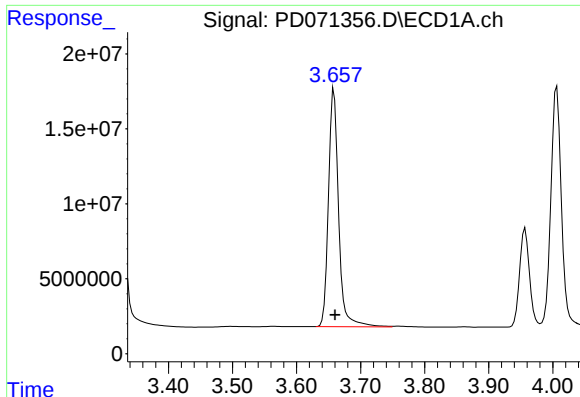
#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.001 min
Response: 186195264
Conc: 44.40 ng/ml



#2 alpha-BHC

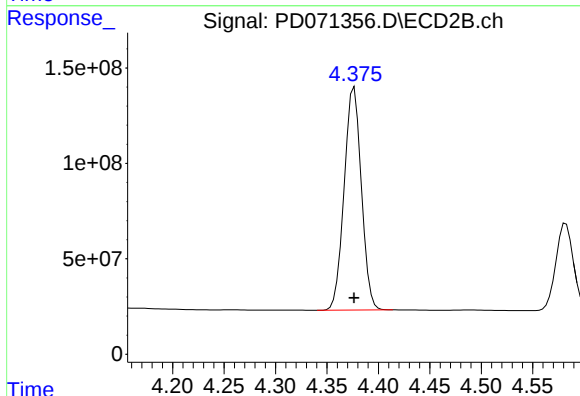
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 1697380056
Conc: 45.72 ng/ml



#3 gamma-BHC (Lindane)

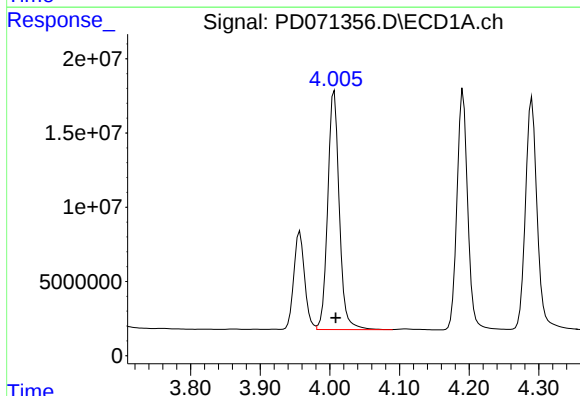
R.T.: 3.659 min
Delta R.T.: -0.002 min
Response: 174737135
Conc: 43.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



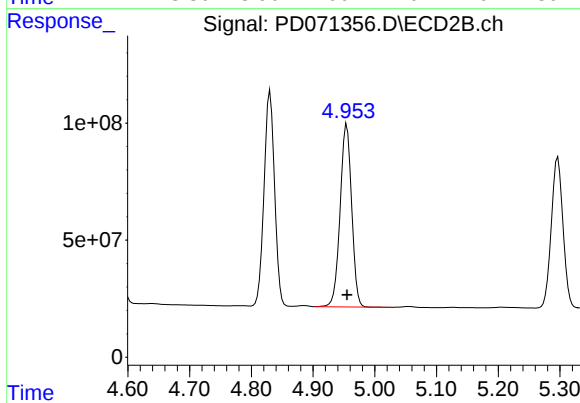
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 1360598415
Conc: 45.44 ng/ml



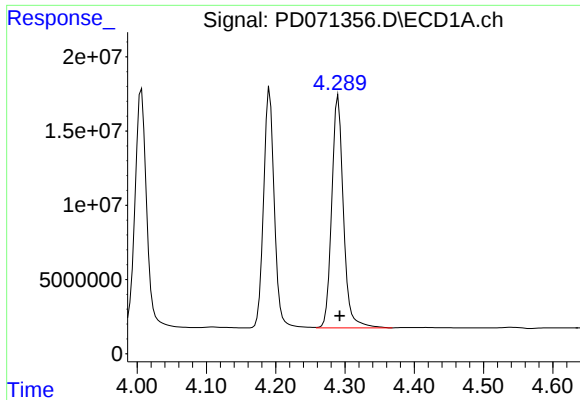
#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 185729438
Conc: 43.79 ng/ml



#4 Heptachlor

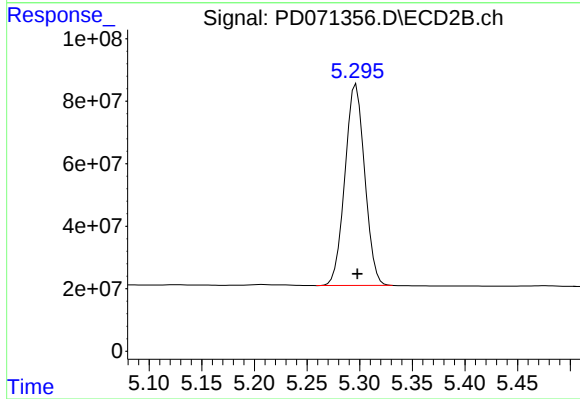
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 1013808782
Conc: 47.95 ng/ml



#5 Aldrin

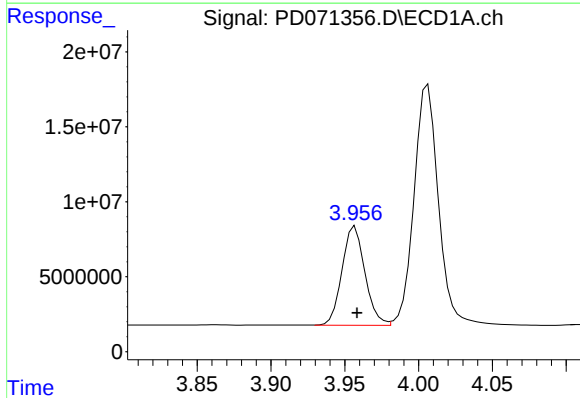
R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 183558873
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



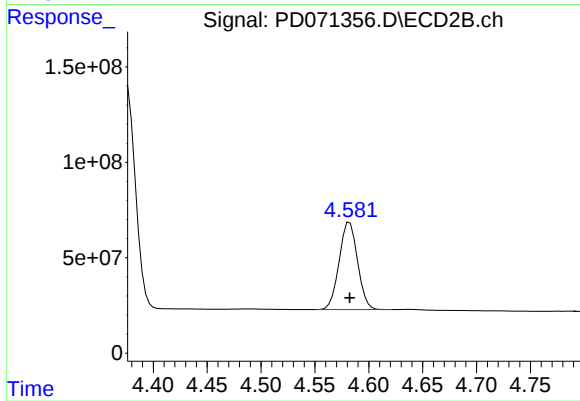
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: -0.001 min
Response: 844543566
Conc: 47.82 ng/ml



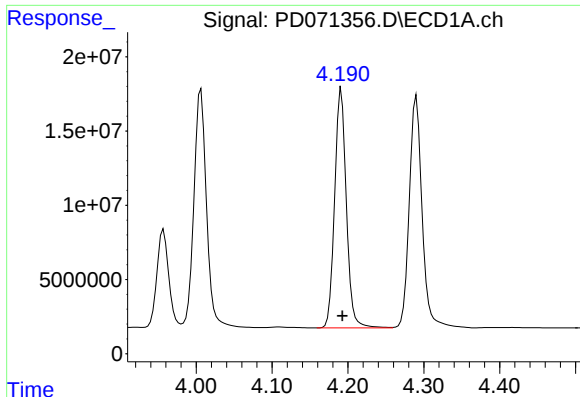
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 71284837
Conc: 41.73 ng/ml



#6 beta-BHC

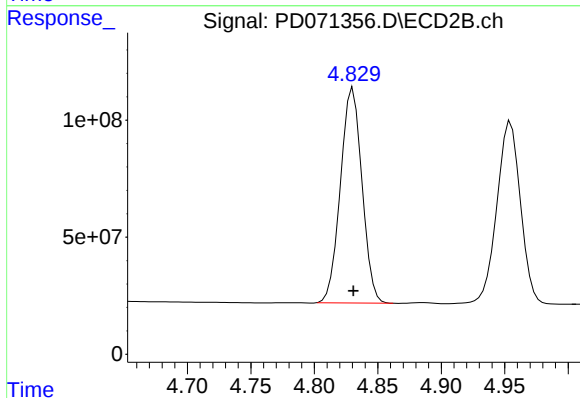
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 544745120
Conc: 45.99 ng/ml



#7 delta-BHC

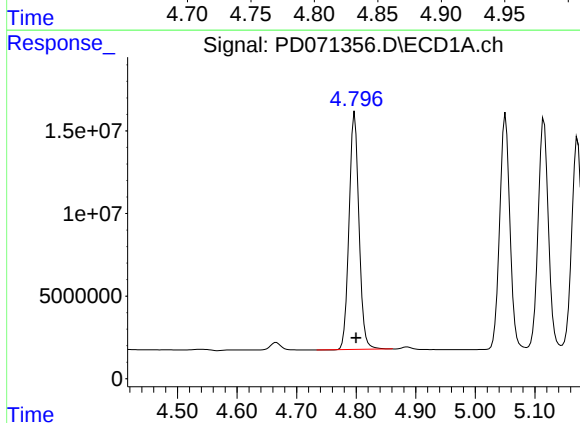
R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 172865076
Conc: 44.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



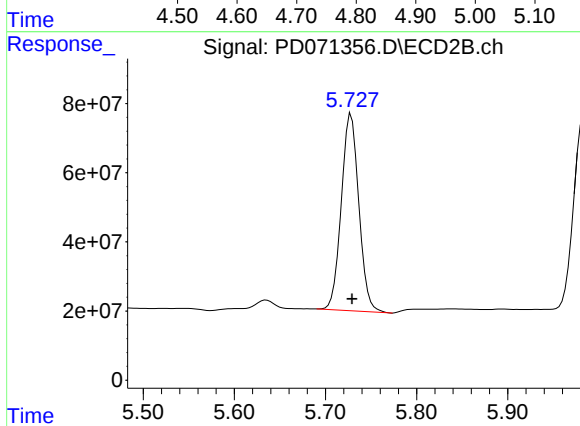
#7 delta-BHC

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 1085673017
Conc: 54.55 ng/ml



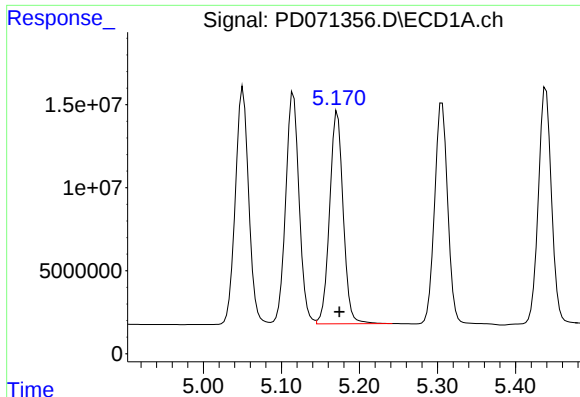
#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 165820288
Conc: 45.28 ng/ml



#8 Heptachlor epoxide

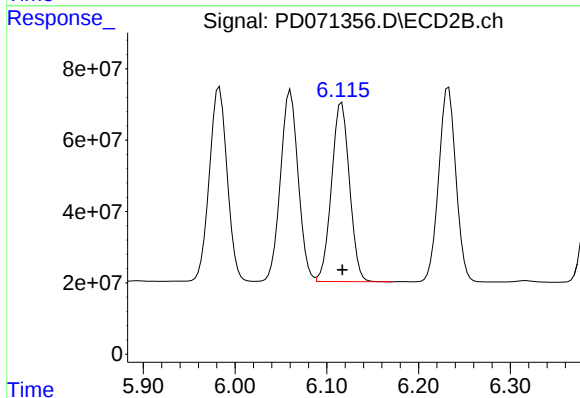
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 762874833
Conc: 58.37 ng/ml



#9 Endosulfan I

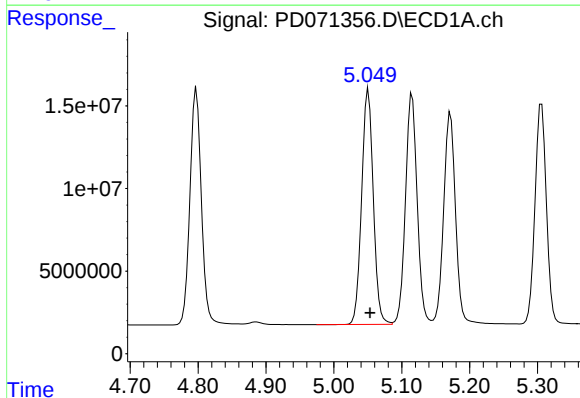
R.T.: 5.172 min
Delta R.T.: -0.003 min
Response: 154580593
Conc: 45.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



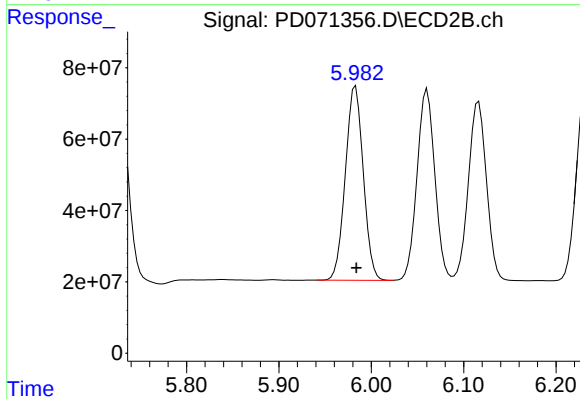
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 683897240
Conc: 49.74 ng/ml



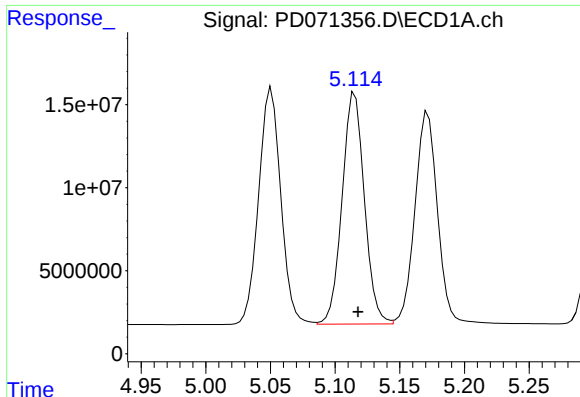
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 169492563
Conc: 44.61 ng/ml



#10 gamma-Chlordane

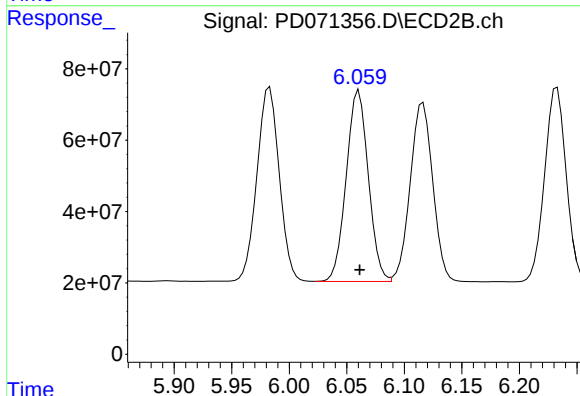
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 733480410
Conc: 49.95 ng/ml



#11 alpha-Chlordane

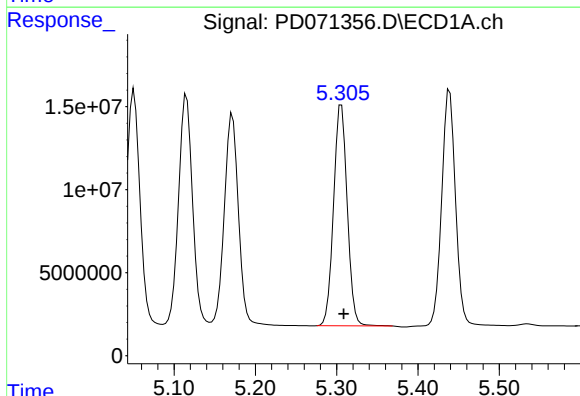
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 166893816
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



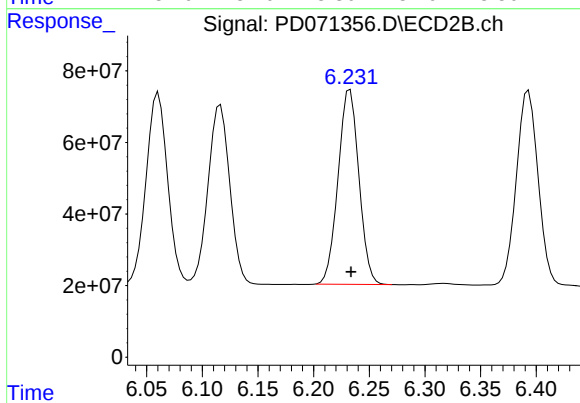
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 719297401
Conc: 49.60 ng/ml



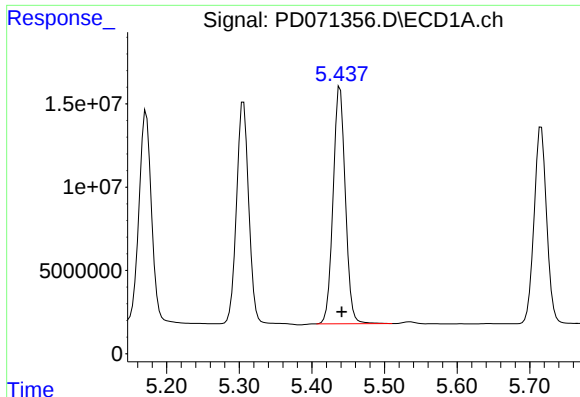
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.003 min
Response: 155720566
Conc: 45.50 ng/ml



#12 4,4'-DDE

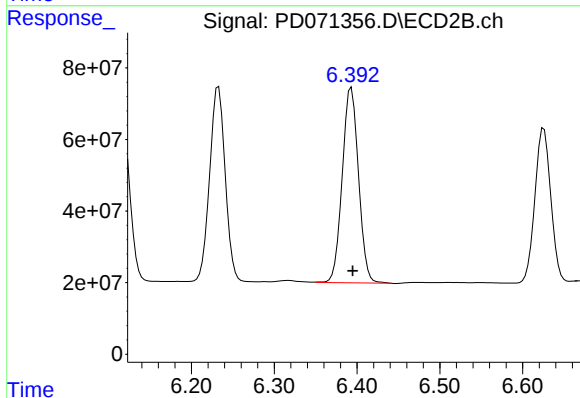
R.T.: 6.233 min
Delta R.T.: -0.001 min
Response: 708737255
Conc: 49.58 ng/ml



#13 Dieldrin

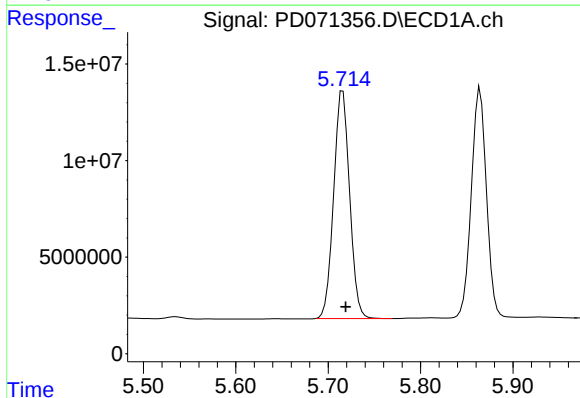
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 166697362
Conc: 46.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



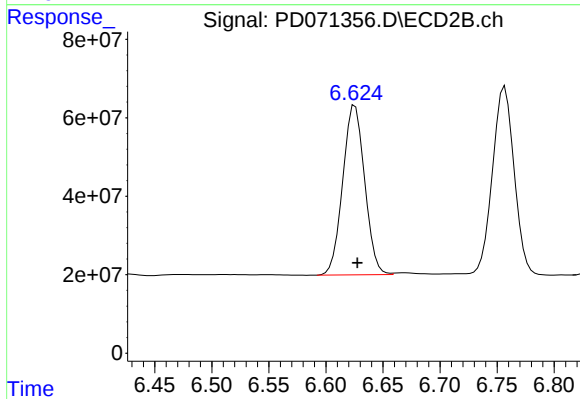
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 744687418
Conc: 50.68 ng/ml



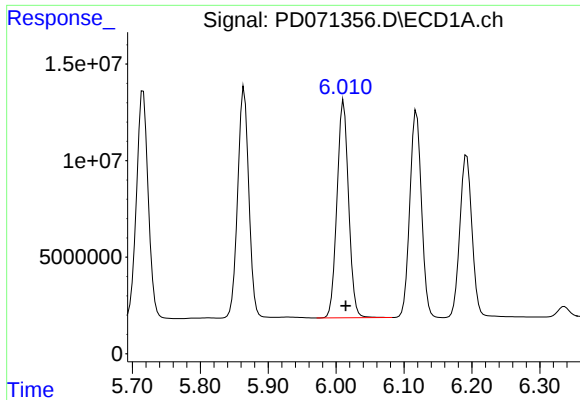
#14 Endrin

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 141599745
Conc: 44.72 ng/ml



#14 Endrin

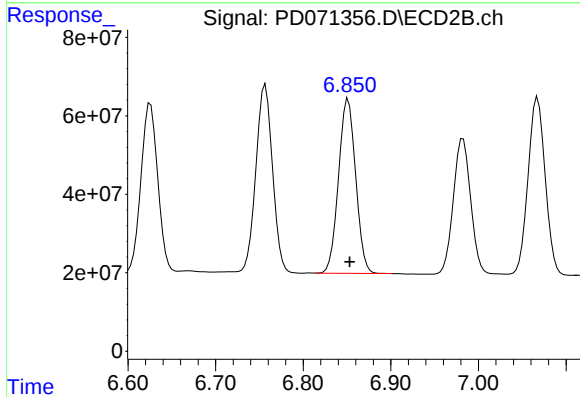
R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 577855010
Conc: 46.20 ng/ml



#15 Endosulfan II

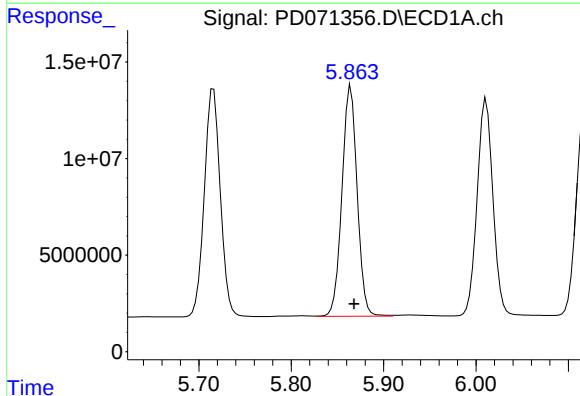
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 133900279
Conc: 44.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



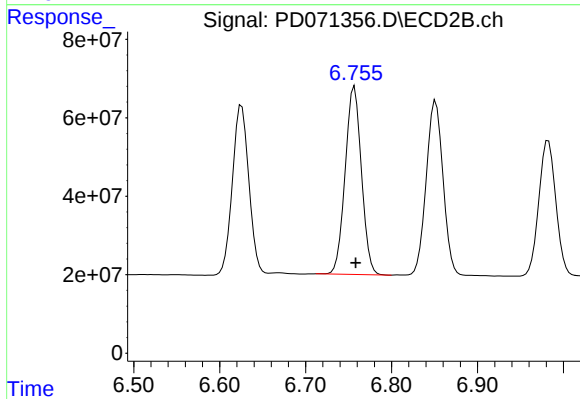
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 604948773
Conc: 48.79 ng/ml



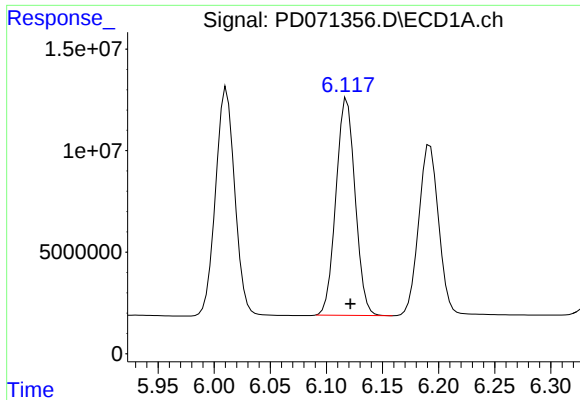
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 136584532
Conc: 47.91 ng/ml



#16 4,4'-DDD

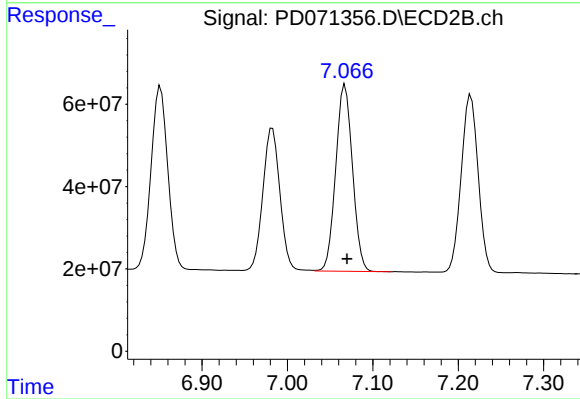
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 631821511
Conc: 53.12 ng/ml



#17 4,4'-DDT

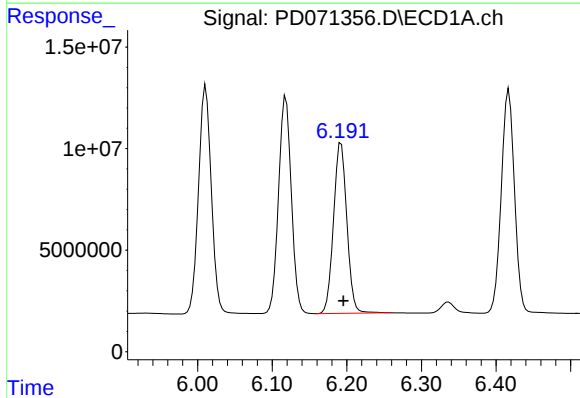
R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 127108426
Conc: 43.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



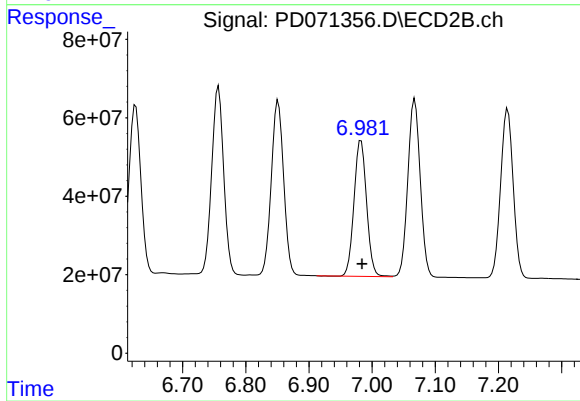
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 617974534
Conc: 47.38 ng/ml



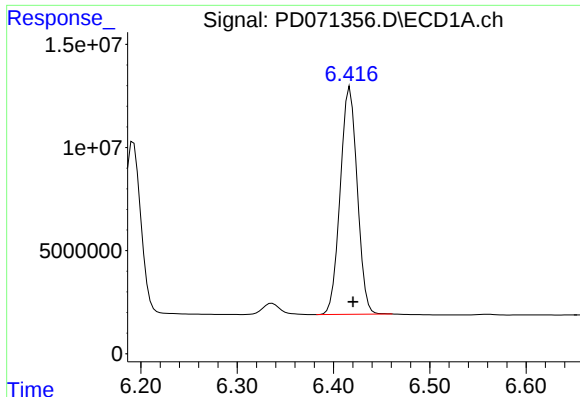
#18 Endrin aldehyde

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 104505242
Conc: 47.40 ng/ml



#18 Endrin aldehyde

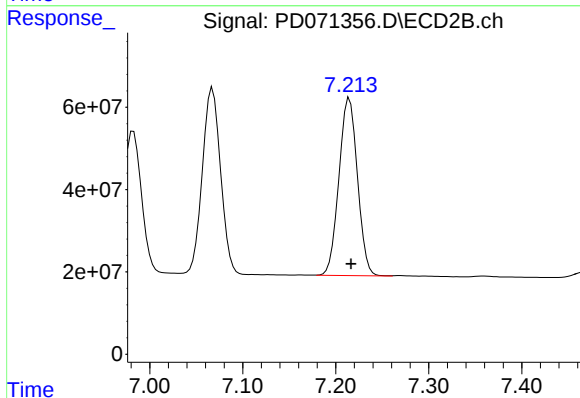
R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 479281969
Conc: 49.47 ng/ml



#19 Endosulfan Sulfate

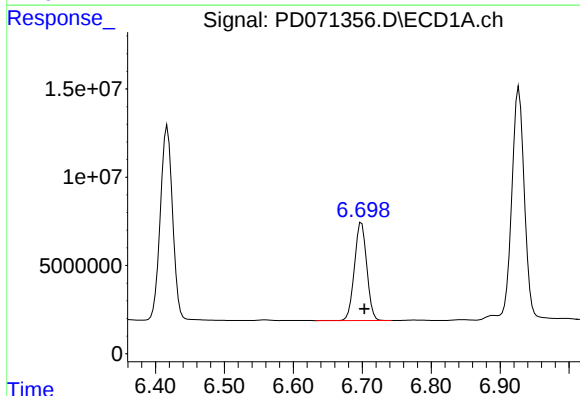
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 134927590
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



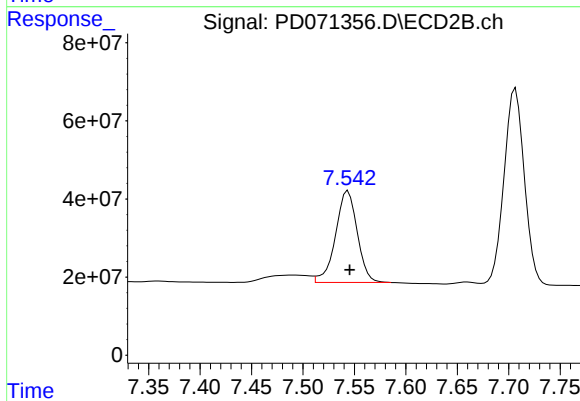
#19 Endosulfan Sulfate

R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 597937004
Conc: 50.13 ng/ml



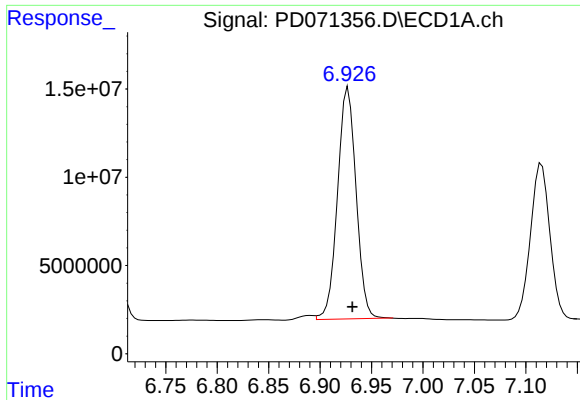
#20 Methoxychlor

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 68877724
Conc: 41.76 ng/ml



#20 Methoxychlor

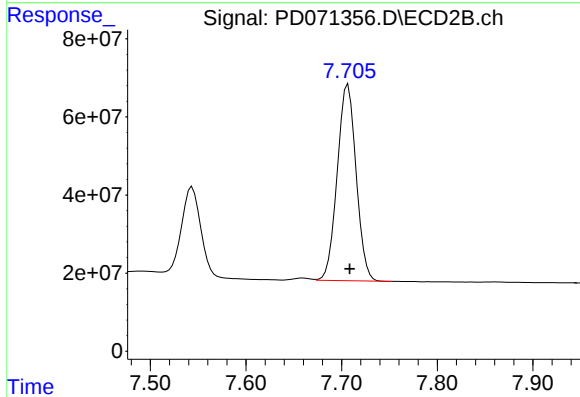
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 344516365
Conc: 49.98 ng/ml



#21 Endrin ketone

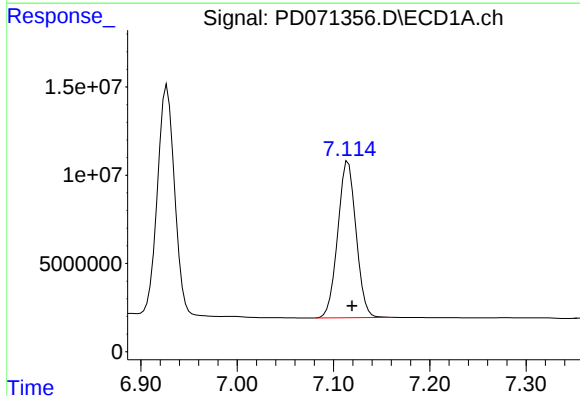
R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 164845700
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



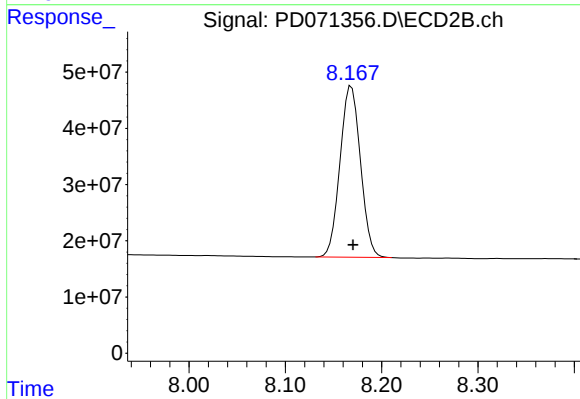
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: -0.002 min
Response: 690765648
Conc: 51.46 ng/ml



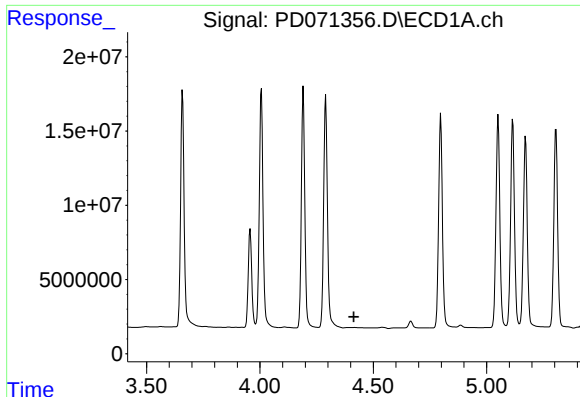
#22 Mirex

R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 116840911
Conc: 47.72 ng/ml



#22 Mirex

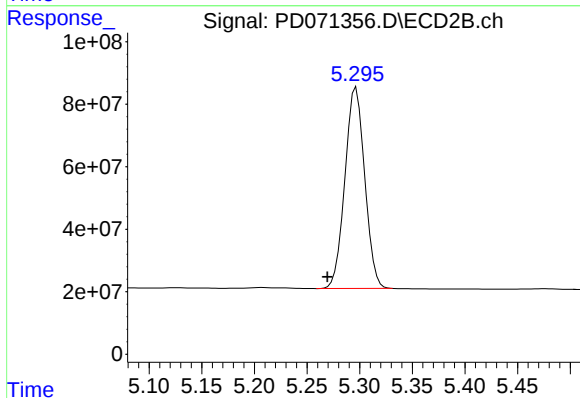
R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 449192884
Conc: 52.22 ng/ml



#24 Chlordane-2

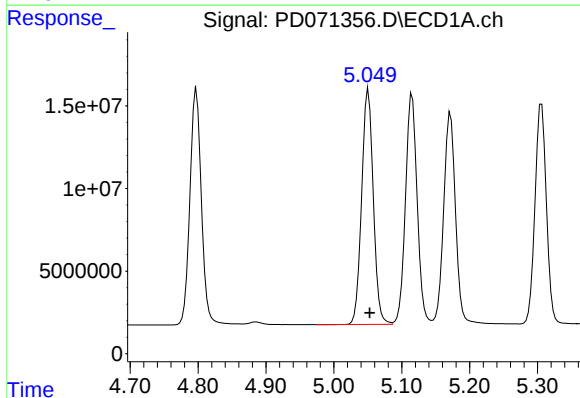
R.T.: 0.000 min
Exp R.T.: 4.415 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



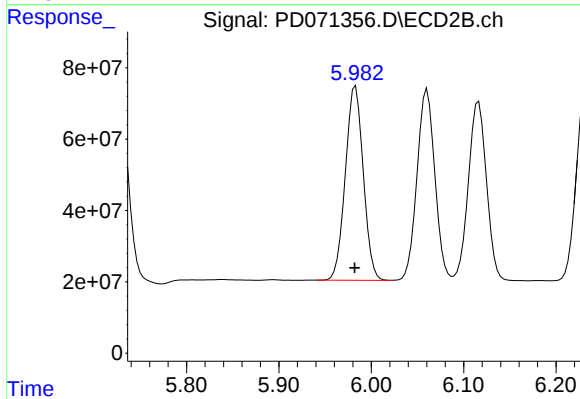
#24 Chlordane-2

R.T.: 5.297 min
Delta R.T.: 0.027 min
Response: 844543566
Conc: 1409.91 ng/ml



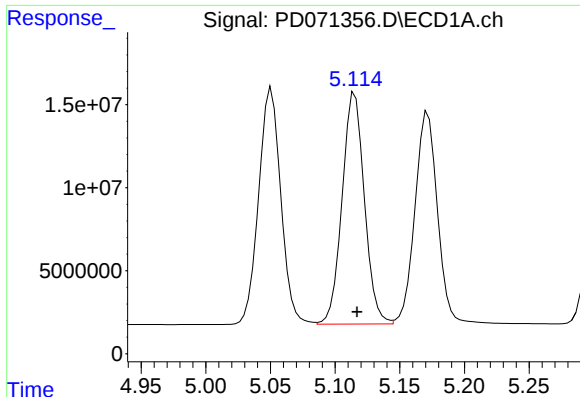
#25 Chlordane-3

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 169492563
Conc: 496.38 ng/ml



#25 Chlordane-3

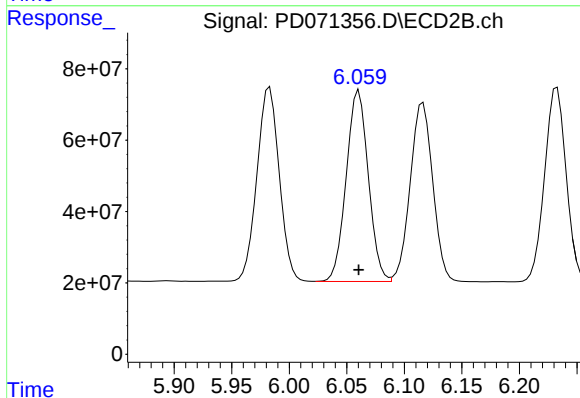
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 733480410
Conc: 395.64 ng/ml



#26 Chlordane-4

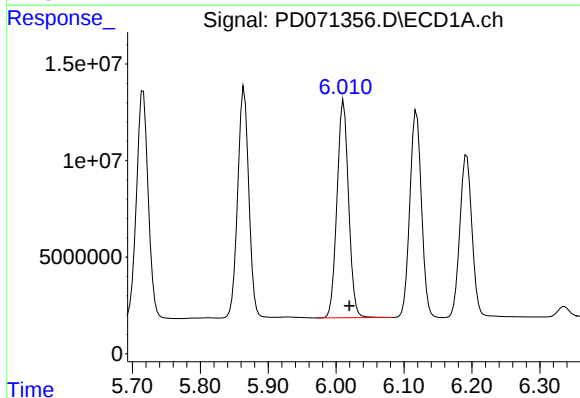
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 166893816
Conc: 526.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



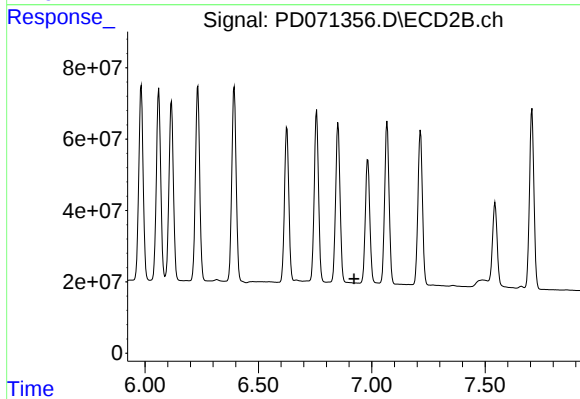
#26 Chlordane-4

R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 719297401
Conc: 330.01 ng/ml



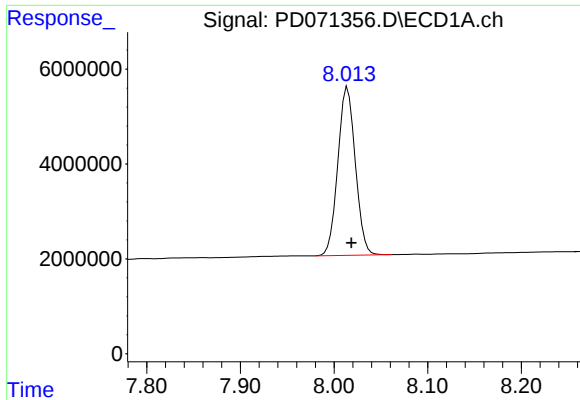
#27 Chlordane-5

R.T.: 6.011 min
Delta R.T.: -0.008 min
Response: 133900279
Conc: 1107.46 ng/ml



#27 Chlordane-5

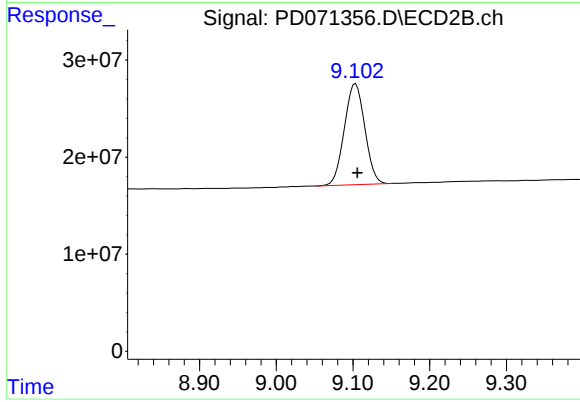
R.T.: 0.000 min
Exp R.T.: 6.923 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 46085815
Conc: 16.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: -0.002 min
Response: 194473106
Conc: 18.78 ng/ml