

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080522\
 Data File : PD071354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 12:00
 Operator : AR\AJ
 Sample : SOIL IDOC 02
 Misc : FOR YOGESH PATEL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 22:29:45 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	42931824	491.1E6	15.138	17.446
28)	SA Decachlor...	8.015	9.105	46984058	196.7E6	16.940	19.000
Target Compounds							
2)	A alpha-BHC	3.325	4.040	189.7E6	1731.2E6	45.235	46.634
3)	MA gamma-BHC...	3.659	4.376	178.9E6	1385.3E6	44.716	46.264
4)	MA Heptachlor	4.006	4.955	189.4E6	1036.2E6	44.644	49.006
5)	MB Aldrin	4.290	5.297	186.7E6	863.5E6	45.789	48.895
6)	B beta-BHC	3.957	4.582	72898498	555.0E6	42.672	46.858
7)	B delta-BHC	4.191	4.830	175.9E6	1118.1E6	44.819	56.185 #
8)	B Heptachlo...	4.798	5.729	170.0E6	760.8E6	46.416	58.218 #
9)	A Endosulfan I	5.172	6.117	159.3E6	698.1E6	46.511	50.777
10)	B gamma-Chl...	5.051	5.983	173.4E6	749.3E6	45.629	51.026
11)	B alpha-Chl...	5.115	6.061	170.7E6	733.4E6	45.942	50.575
12)	B 4,4'-DDE	5.306	6.233	159.2E6	725.4E6	46.522	50.746
13)	MA Dieldrin	5.439	6.394	170.5E6	750.4E6	47.075	51.066
14)	MA Endrin	5.716	6.626	142.8E6	601.0E6	45.107	48.049
15)	B Endosulfa...	6.011	6.851	137.0E6	617.6E6	45.600	49.809
16)	A 4,4'-DDD	5.865	6.757	139.7E6	645.8E6	49.007	54.293
17)	MA 4,4'-DDT	6.120	7.068	129.9E6	628.7E6	44.006	48.200
18)	B Endrin al...	6.193	6.983	107.3E6	491.3E6	48.654	50.709
19)	B Endosulfa...	6.418	7.216	137.9E6	607.5E6	47.940	50.933
20)	A Methoxychlor	6.699	7.544	69409674	329.4E6	42.079	47.793
21)	B Endrin ke...	6.928	7.708	167.3E6	707.8E6	51.346	52.724
22)	Mirex	7.116	8.169	119.5E6	459.7E6	48.806	53.440
24)	Chlordane-2	0.000	5.297f	0	863.5E6	N.D.	1441.551 #
25)	Chlordane-3	5.051	5.983	173.4E6	749.3E6	507.758	404.192
26)	Chlordane-4	5.115	6.061	170.7E6	733.4E6	538.078	336.467 #
27)	Chlordane-5	6.011	0.000	137.0E6	0	1133.419	N.D. #

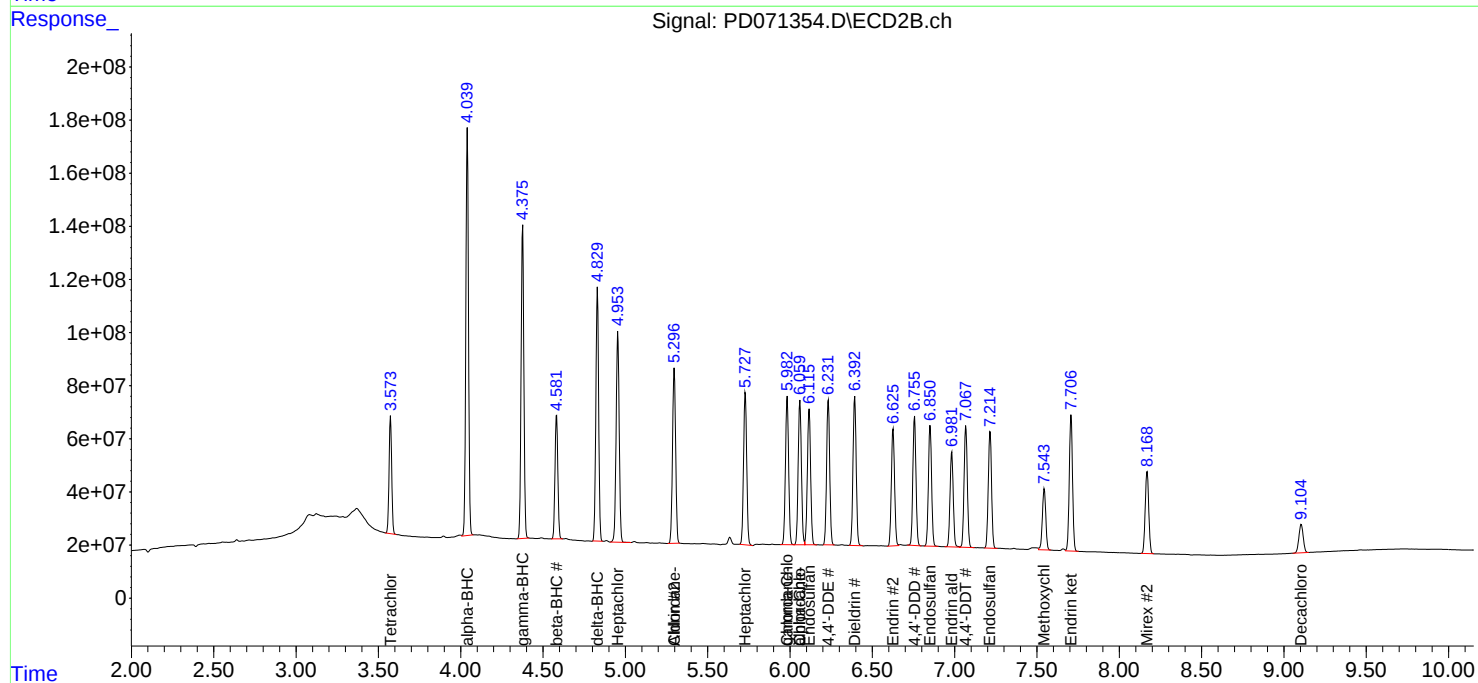
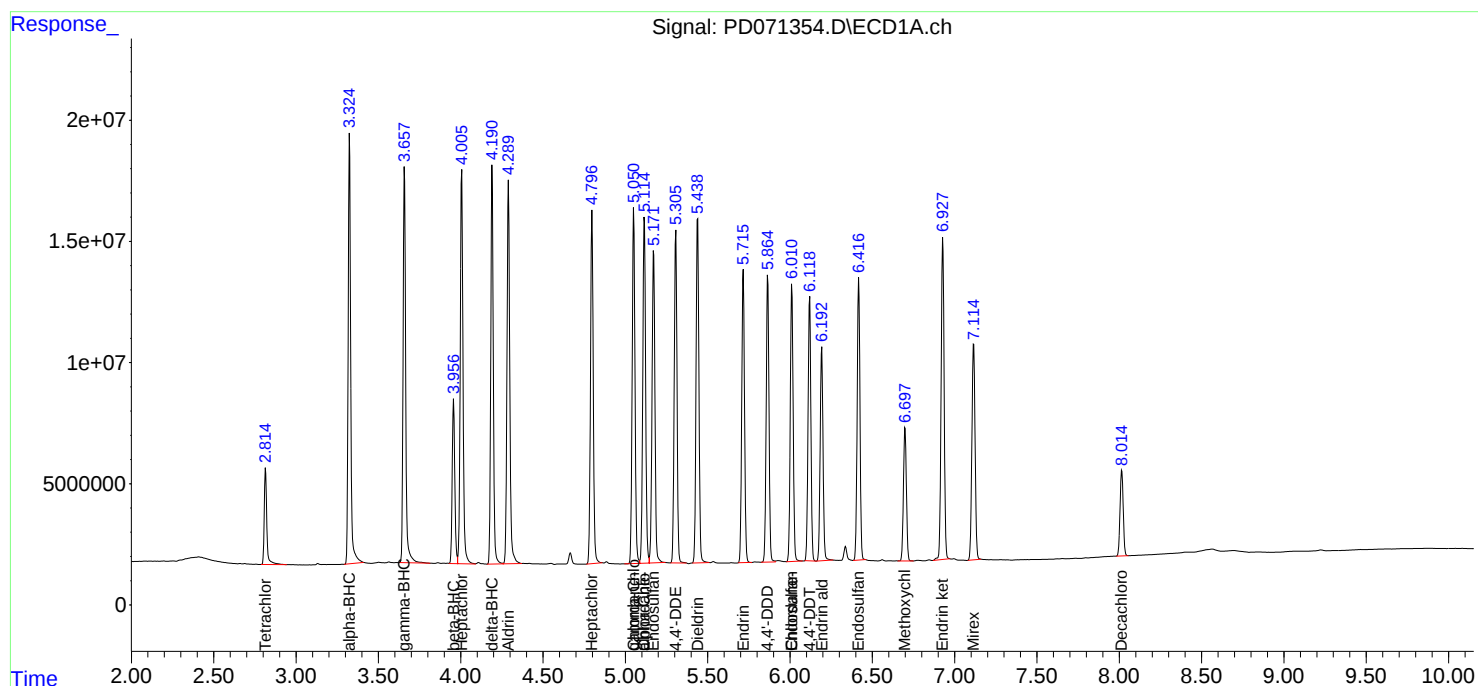
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

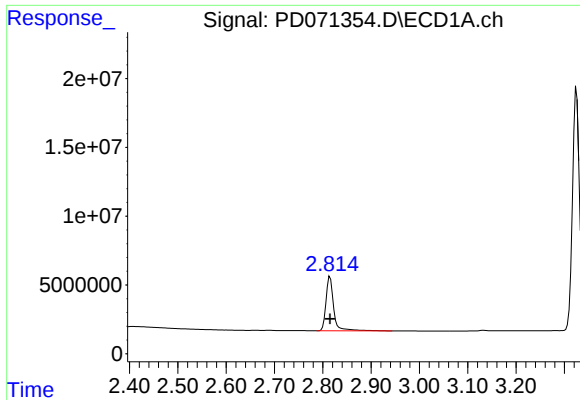
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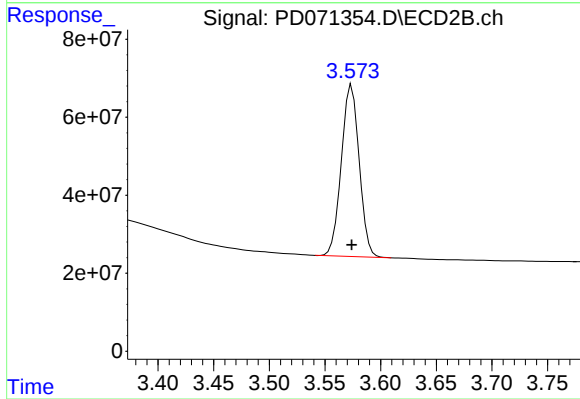




#1 Tetrachloro-m-xylene

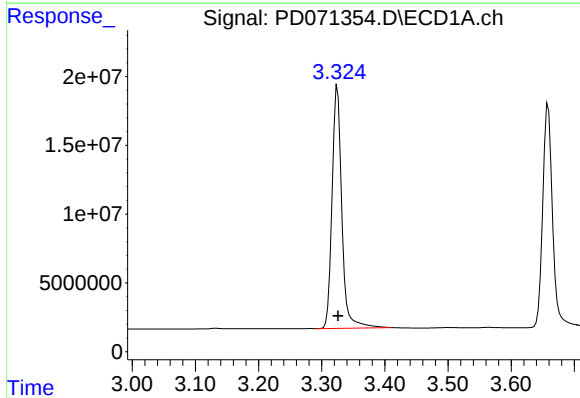
R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 42931824
Conc: 15.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



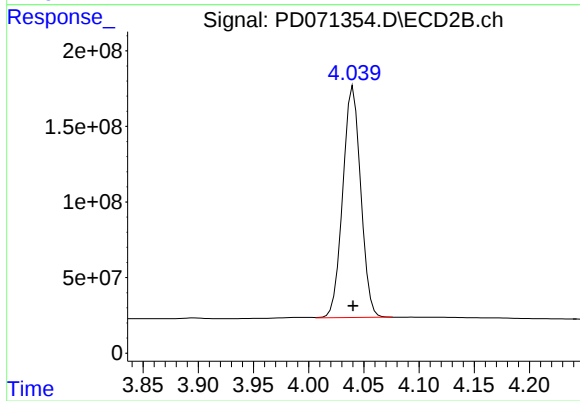
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 491100708
Conc: 17.45 ng/ml



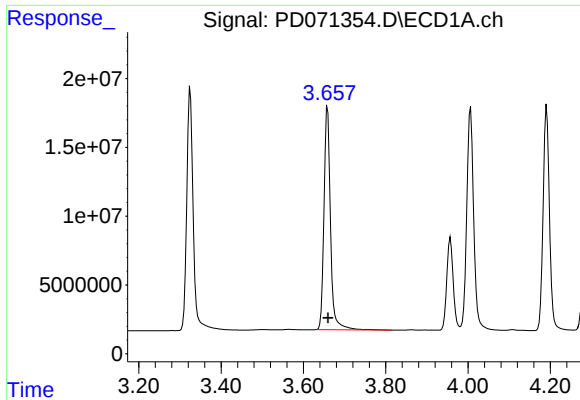
#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 189691820
Conc: 45.24 ng/ml



#2 alpha-BHC

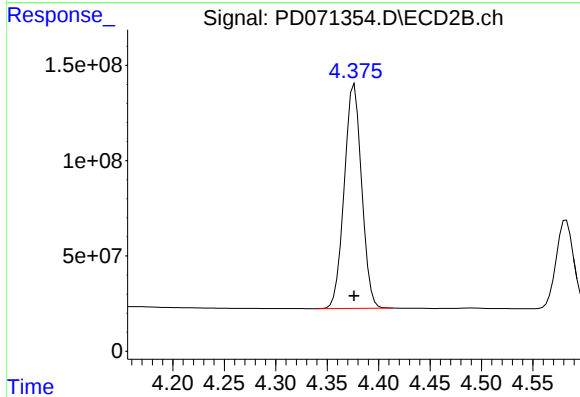
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 1731212788
Conc: 46.63 ng/ml



#3 gamma-BHC (Lindane)

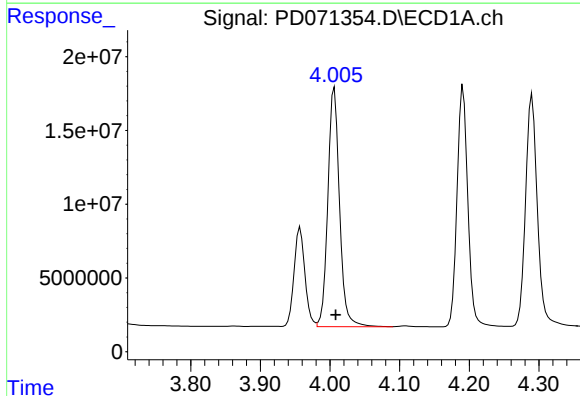
R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 178870007
Conc: 44.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



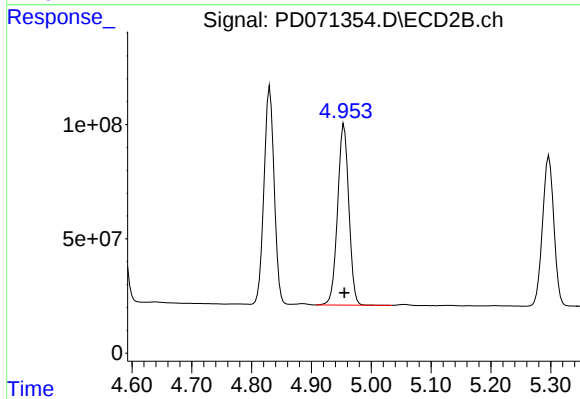
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 1385261869
Conc: 46.26 ng/ml



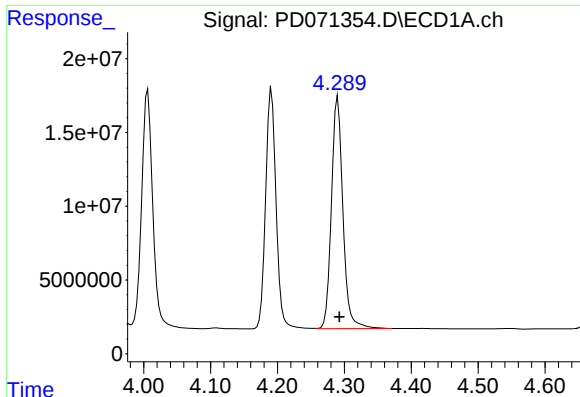
#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 189359375
Conc: 44.64 ng/ml



#4 Heptachlor

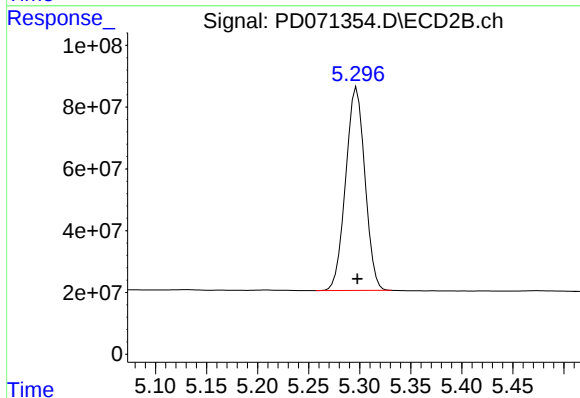
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 1036173759
Conc: 49.01 ng/ml



#5 Aldrin

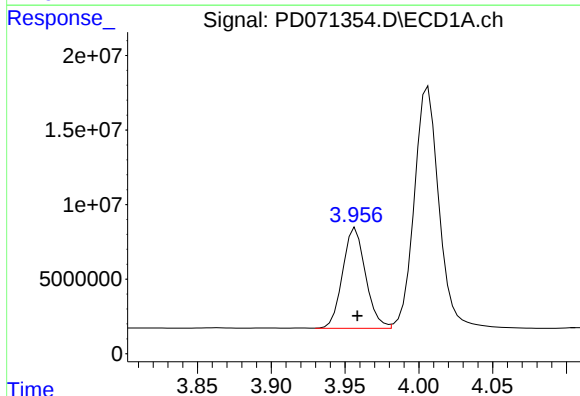
R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 186737728
Conc: 45.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



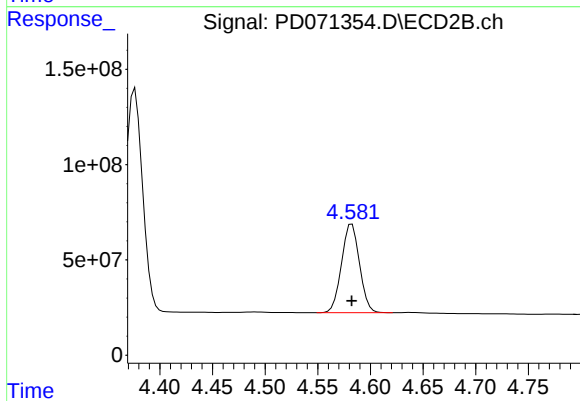
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 863499065
Conc: 48.90 ng/ml



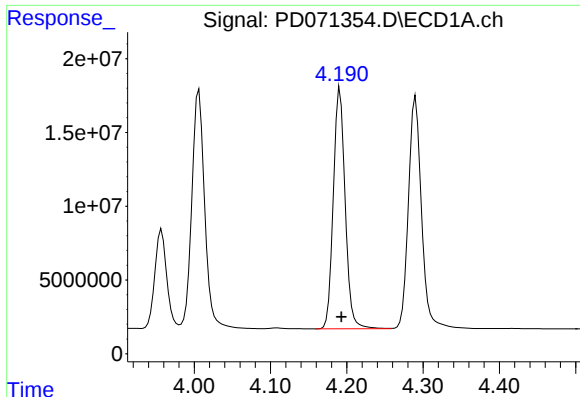
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 72898498
Conc: 42.67 ng/ml



#6 beta-BHC

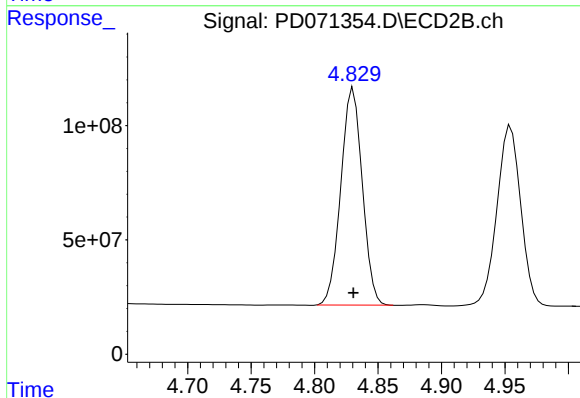
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 555012968
Conc: 46.86 ng/ml



#7 delta-BHC

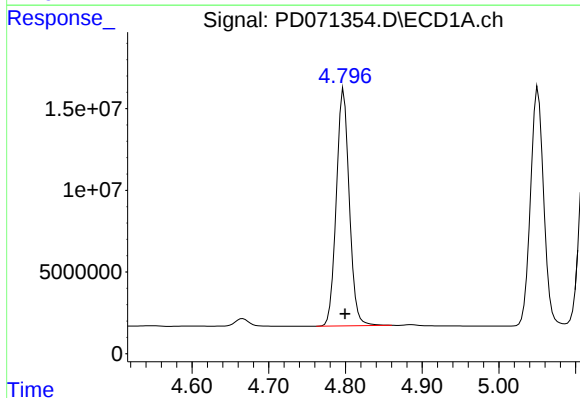
R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 175910528
Conc: 44.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



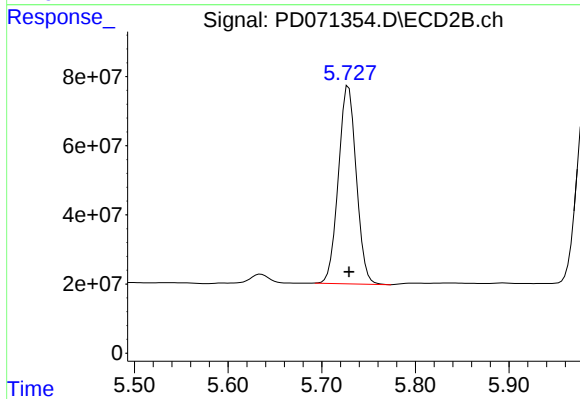
#7 delta-BHC

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 1118125365
Conc: 56.18 ng/ml



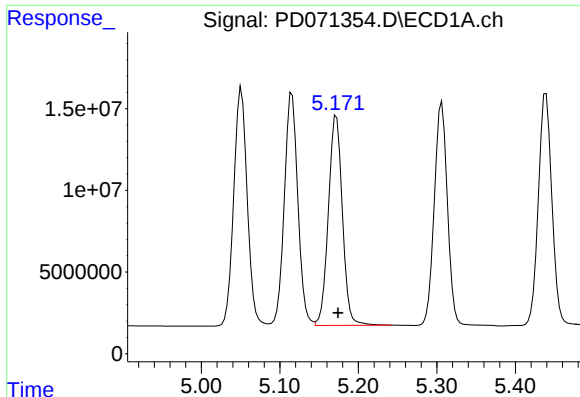
#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 169980766
Conc: 46.42 ng/ml



#8 Heptachlor epoxide

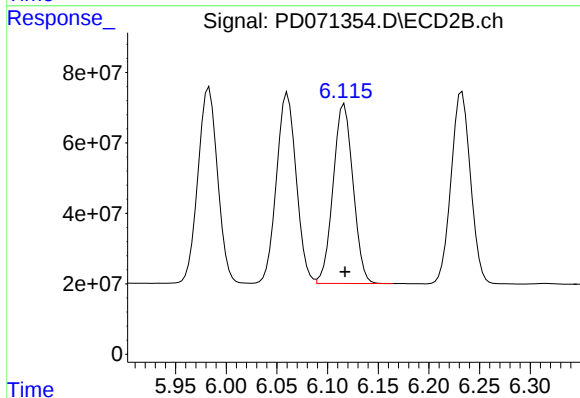
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 760828623
Conc: 58.22 ng/ml



#9 Endosulfan I

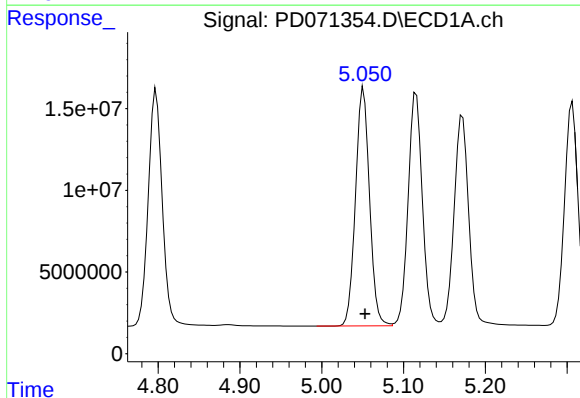
R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 159312852
Conc: 46.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



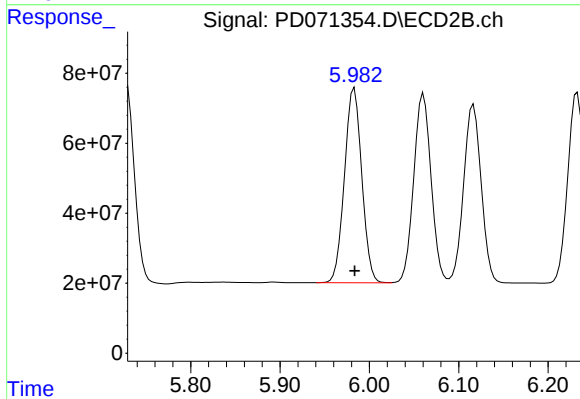
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 698139074
Conc: 50.78 ng/ml



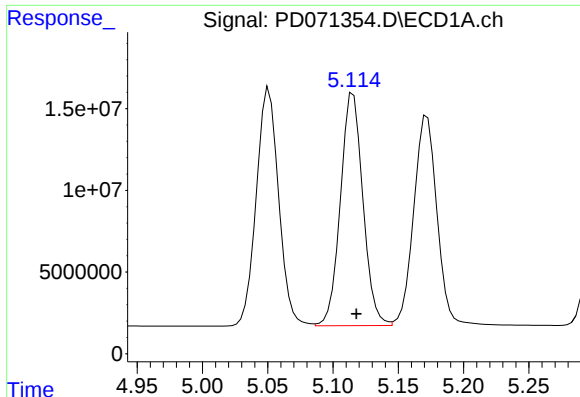
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 173377395
Conc: 45.63 ng/ml



#10 gamma-Chlordane

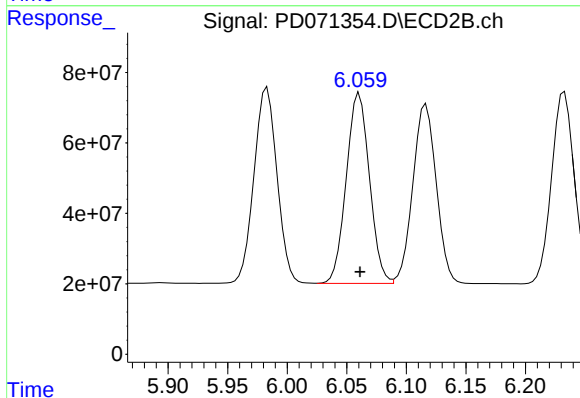
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 749341020
Conc: 51.03 ng/ml



#11 alpha-Chlordane

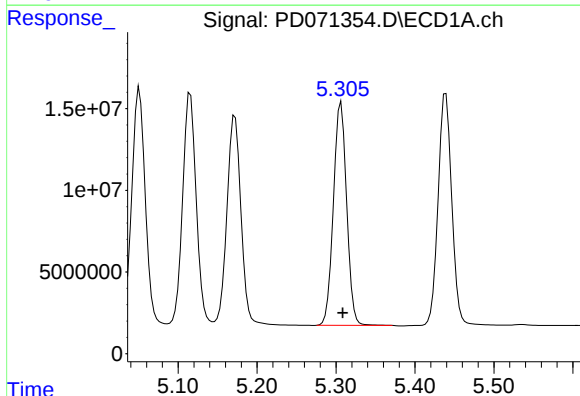
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 170707873
Conc: 45.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



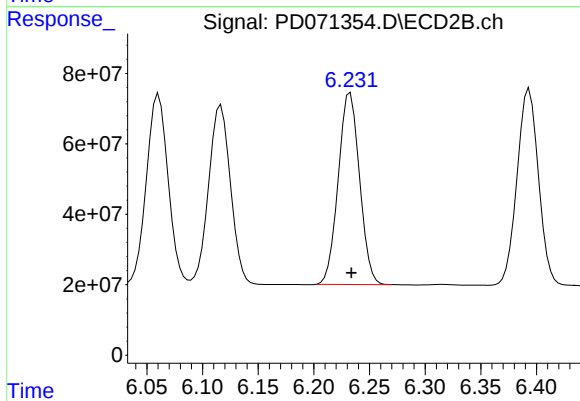
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 733369462
Conc: 50.57 ng/ml



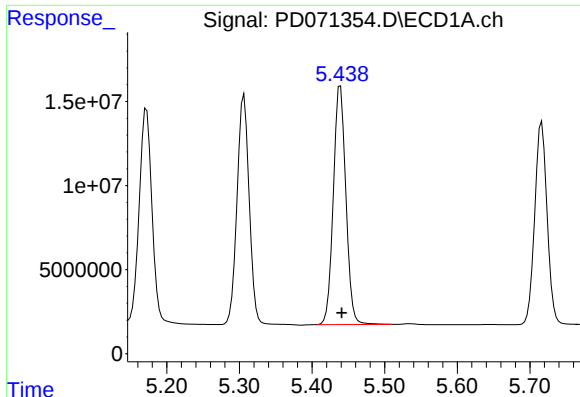
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 159224807
Conc: 46.52 ng/ml



#12 4,4'-DDE

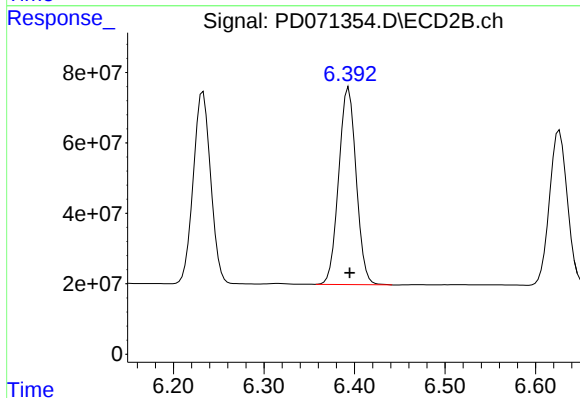
R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 725405176
Conc: 50.75 ng/ml



#13 Dieldrin

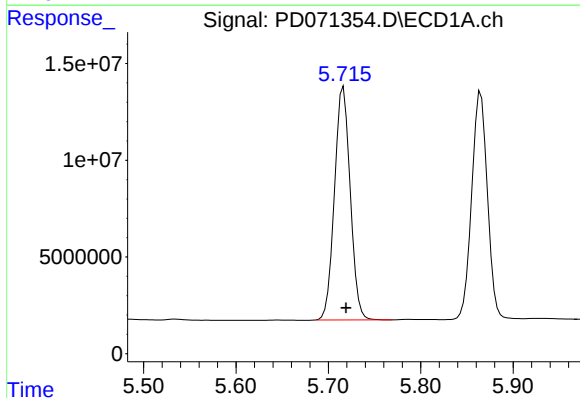
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 170500039
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



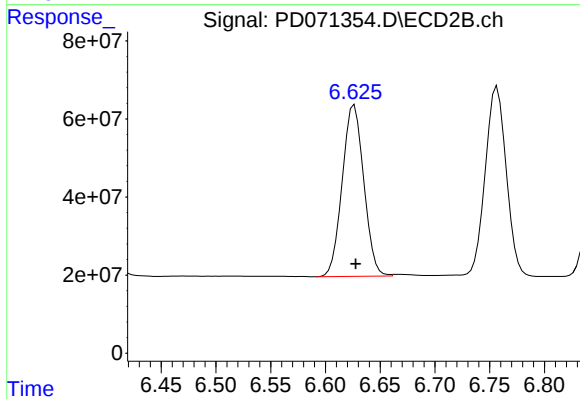
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 750399122
Conc: 51.07 ng/ml



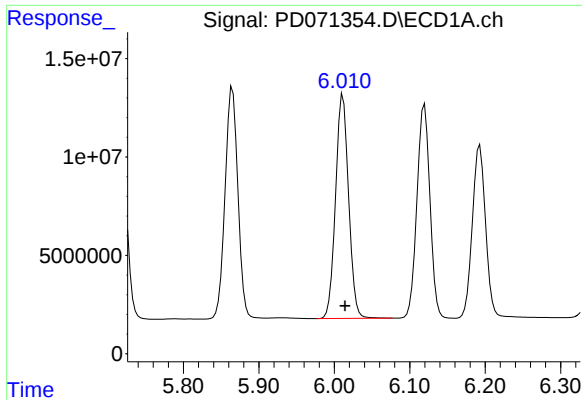
#14 Endrin

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 142814272
Conc: 45.11 ng/ml



#14 Endrin

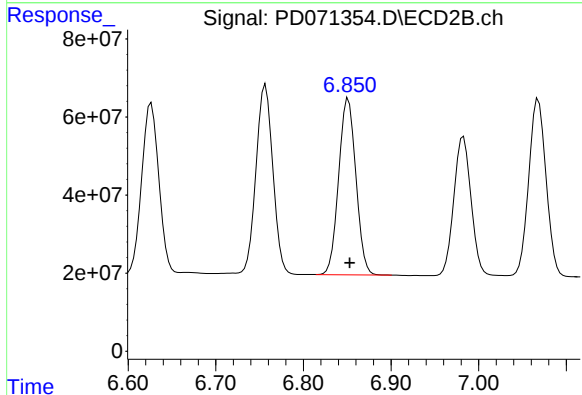
R.T.: 6.626 min
Delta R.T.: -0.001 min
Response: 601027477
Conc: 48.05 ng/ml



#15 Endosulfan II

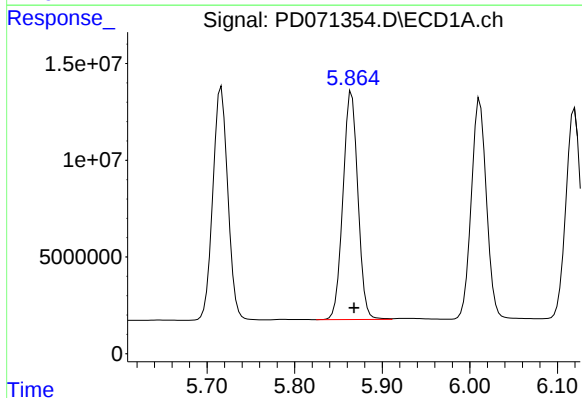
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 137039257
Conc: 45.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



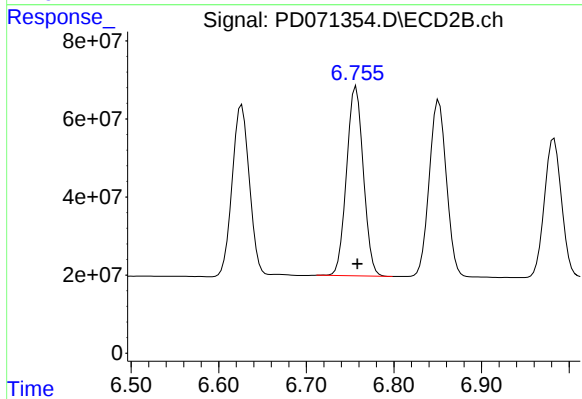
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 617589261
Conc: 49.81 ng/ml



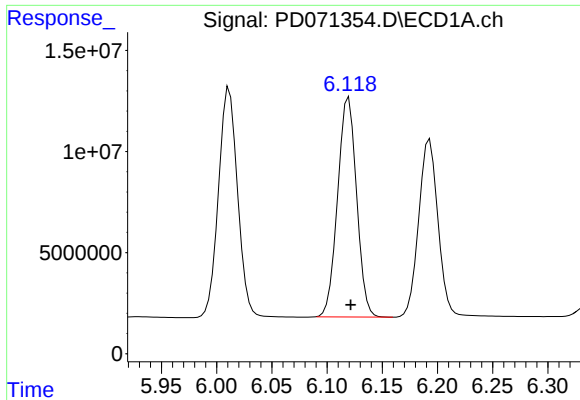
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 139702892
Conc: 49.01 ng/ml



#16 4,4'-DDD

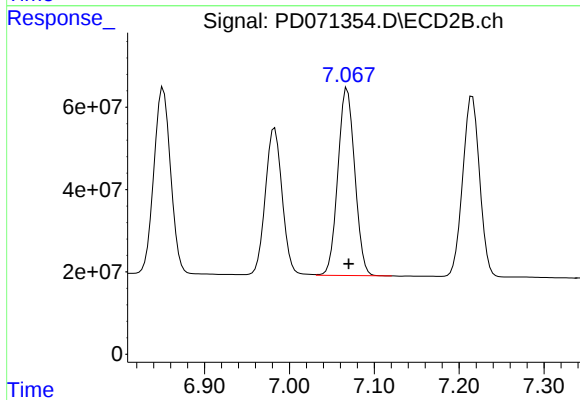
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 645752048
Conc: 54.29 ng/ml



#17 4,4'-DDT

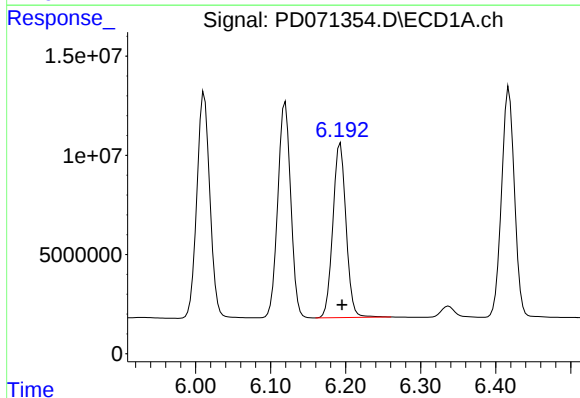
R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 129895525
Conc: 44.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



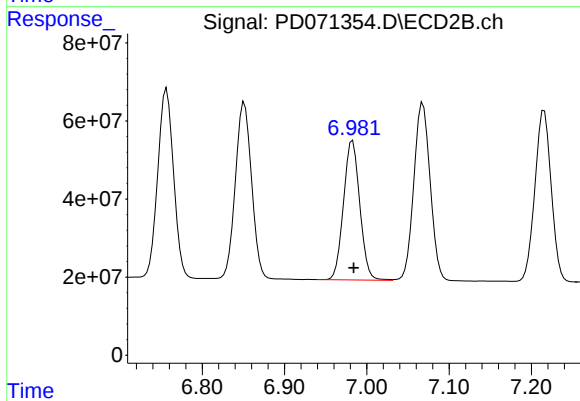
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 628674022
Conc: 48.20 ng/ml



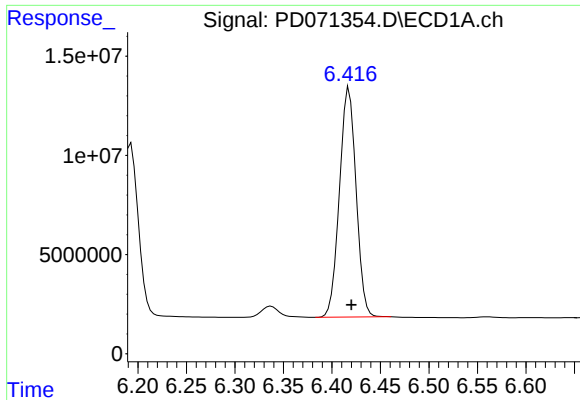
#18 Endrin aldehyde

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 107265205
Conc: 48.65 ng/ml



#18 Endrin aldehyde

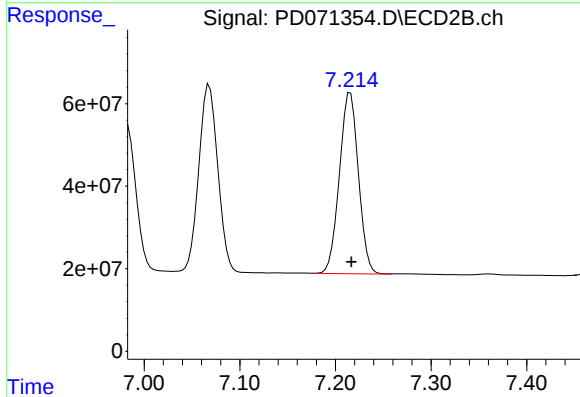
R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 491270815
Conc: 50.71 ng/ml



#19 Endosulfan Sulfate

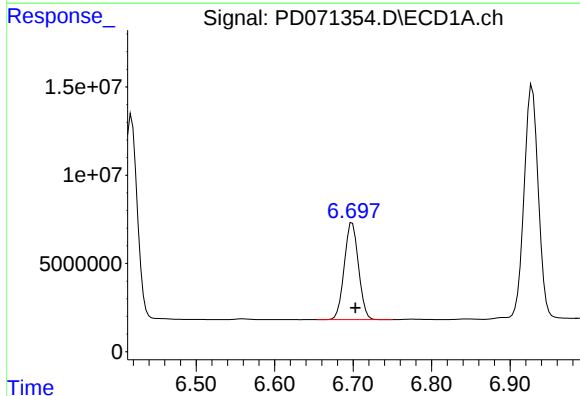
R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 137864411
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



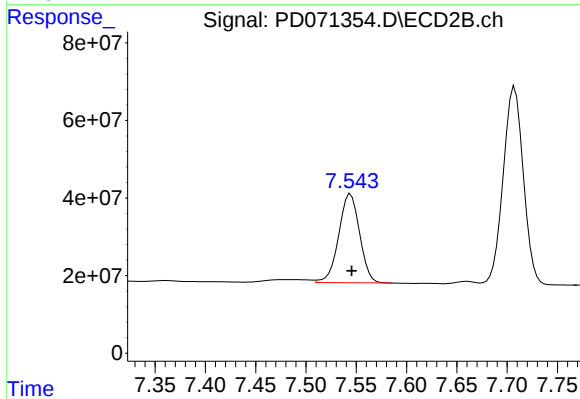
#19 Endosulfan Sulfate

R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 607461283
Conc: 50.93 ng/ml



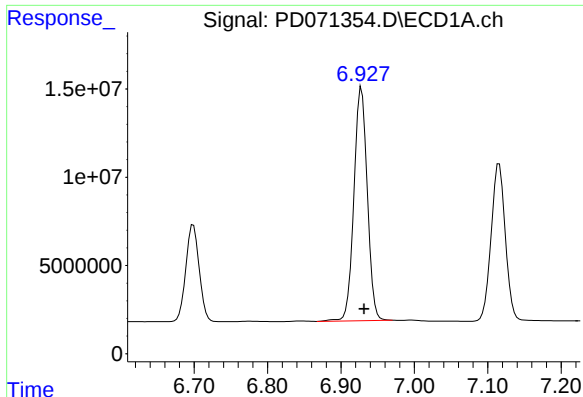
#20 Methoxychlor

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 69409674
Conc: 42.08 ng/ml



#20 Methoxychlor

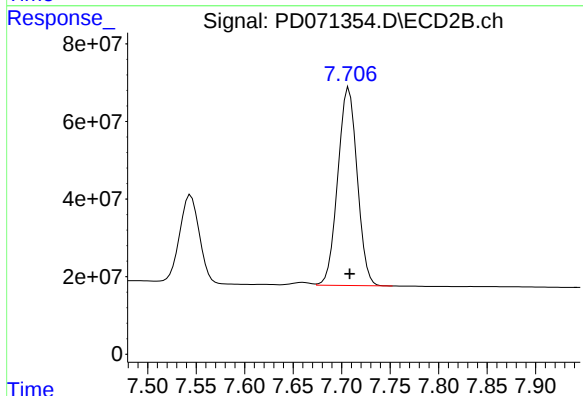
R.T.: 7.544 min
Delta R.T.: -0.001 min
Response: 329425235
Conc: 47.79 ng/ml



#21 Endrin ketone

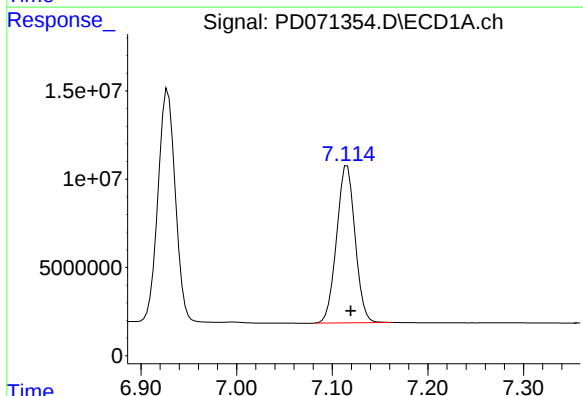
R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 167262436
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



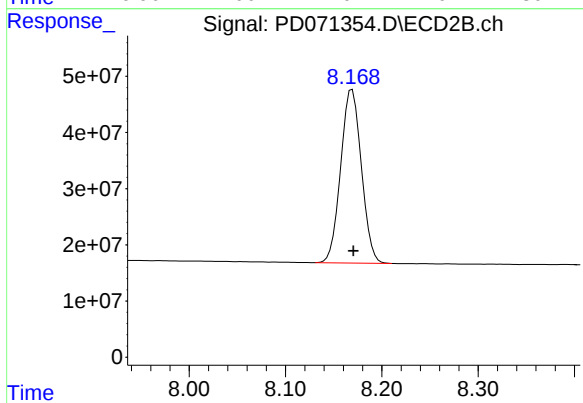
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 707796432
Conc: 52.72 ng/ml



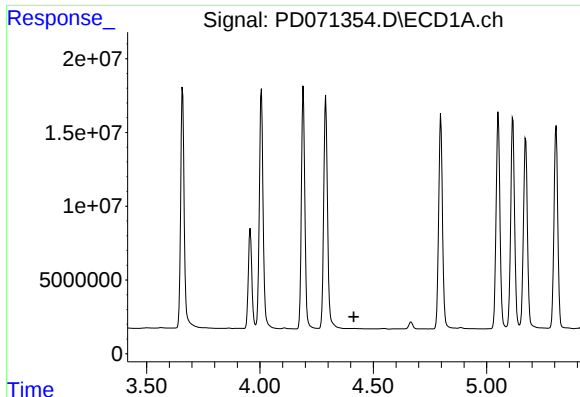
#22 Mirex

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 119490560
Conc: 48.81 ng/ml



#22 Mirex

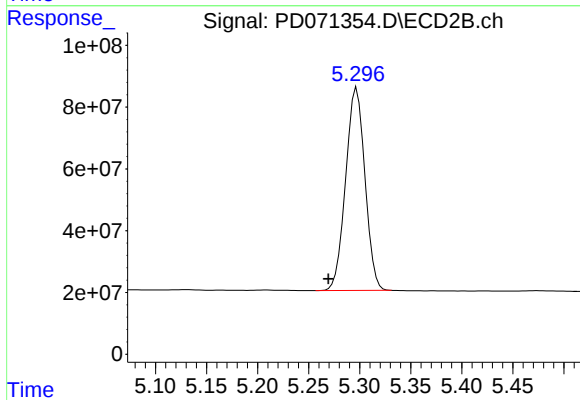
R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 459706926
Conc: 53.44 ng/ml



#24 Chlordane-2

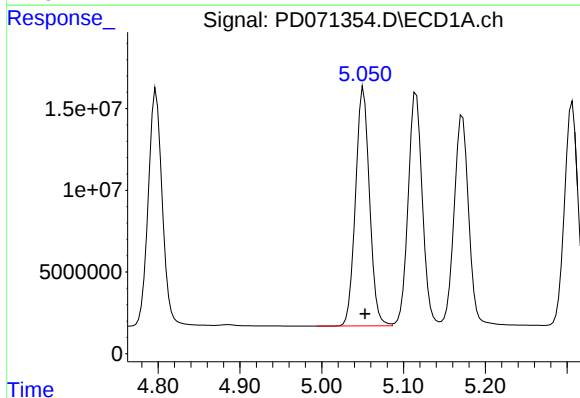
R.T.: 0.000 min
Exp R.T.: 4.415 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



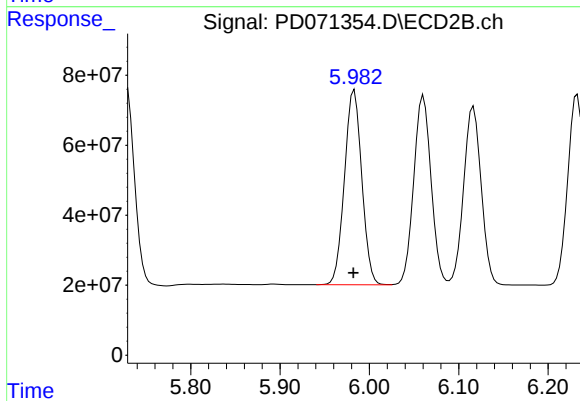
#24 Chlordane-2

R.T.: 5.297 min
Delta R.T.: 0.028 min
Response: 863499065
Conc: 1441.55 ng/ml



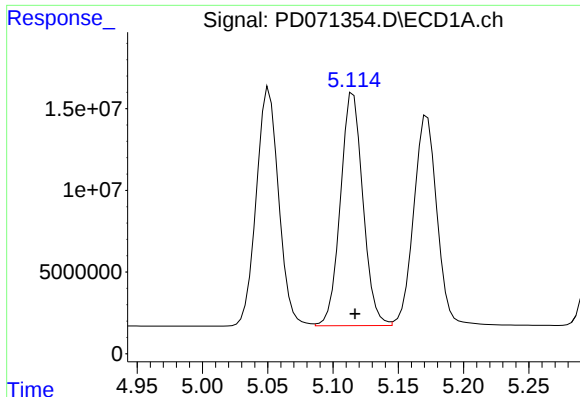
#25 Chlordane-3

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 173377395
Conc: 507.76 ng/ml



#25 Chlordane-3

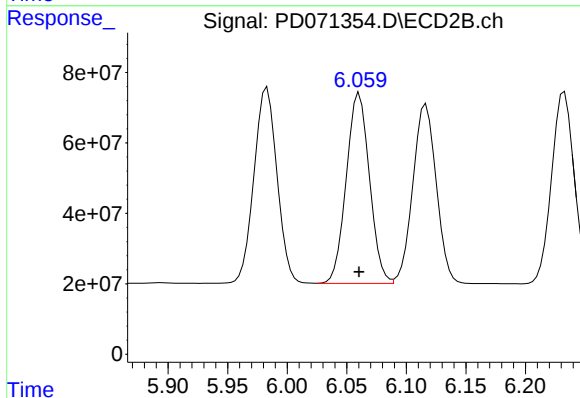
R.T.: 5.983 min
Delta R.T.: 0.001 min
Response: 749341020
Conc: 404.19 ng/ml



#26 Chlordane-4

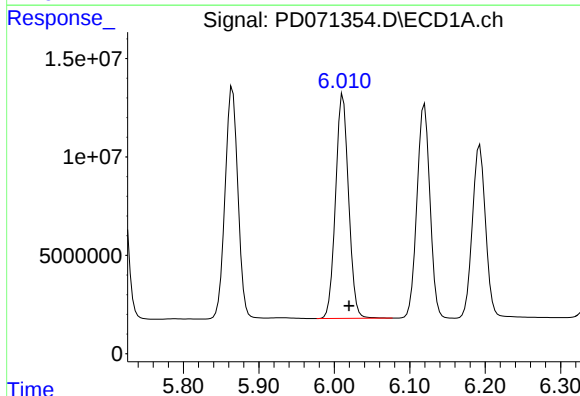
R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 170707873
Conc: 538.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



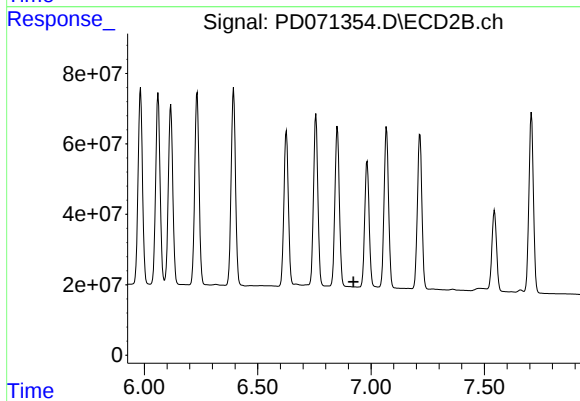
#26 Chlordane-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 733369462
Conc: 336.47 ng/ml



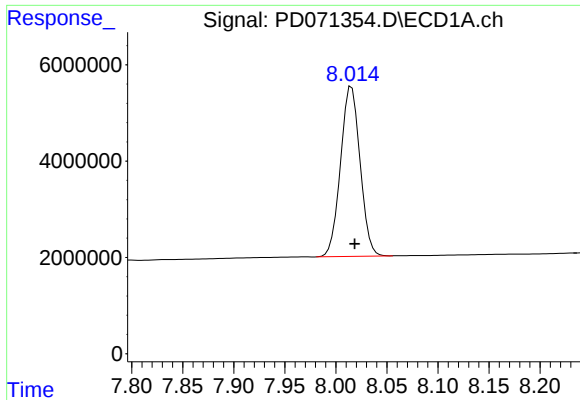
#27 Chlordane-5

R.T.: 6.011 min
Delta R.T.: -0.008 min
Response: 137039257
Conc: 1133.42 ng/ml



#27 Chlordane-5

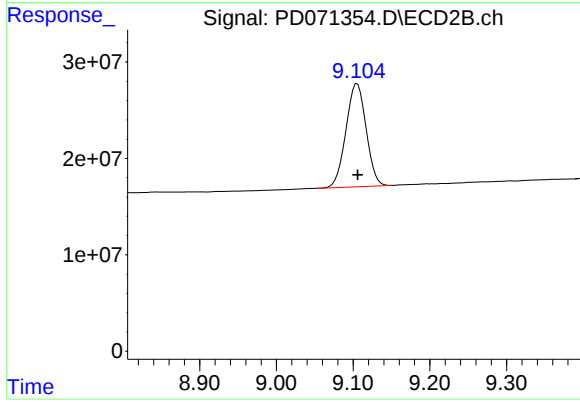
R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 46984058
Conc: 16.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 196694781
Conc: 19.00 ng/ml