

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080822\
 Data File : PD071432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 21:17
 Operator : AR\AJ
 Sample : N4091-09MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 00:17:08 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...	2.814	3.573	39059079	485.1E6	13.773	17.234 #
28)	SA Decachlor...	8.014	9.102	33336008	138.9E6	12.019	13.415
Target Compounds							
2)	A alpha-BHC	3.324	4.039	203.9E6	1958.8E6	48.612	52.765
3)	MA gamma-BHC...	3.658	4.375	191.3E6	1557.0E6	47.828	51.998
4)	MA Heptachlor	4.005	4.953	208.6E6	1143.4E6	49.174	54.077
5)	MB Aldrin	4.289	5.296	201.7E6	948.7E6	49.469	53.717
6)	B beta-BHC	3.956	4.581	79352580	645.5E6	46.450	54.497
7)	B delta-BHC	4.190	4.829	191.0E6	1131.7E6	48.660	56.867
8)	B Heptachlo...	4.796	5.727	180.2E6	799.7E6	49.198	61.189
9)	A Endosulfan I	5.171	6.115	169.6E6	755.9E6	49.529	54.978
10)	B gamma-Chl...	5.050	5.982	185.7E6	808.7E6	48.870	55.070
11)	B alpha-Chl...	5.114	6.059	182.8E6	797.8E6	49.205	55.019
12)	B 4,4'-DDE	5.306	6.232	170.1E6	791.5E6	49.703	55.373
13)	MA Dieldrin	5.438	6.392	180.9E6	811.1E6	49.933	55.199
14)	MA Endrin	5.715	6.625	164.4E6	703.8E6	51.932	56.263
15)	B Endosulfa...	6.011	6.850	147.7E6	644.6E6	49.142	51.989
16)	A 4,4'-DDD	5.864	6.756	142.2E6	675.3E6	49.898	56.778
17)	MA 4,4'-DDT	6.118	7.067	153.4E6	712.4E6	51.982	54.622
18)	B Endrin al...	6.192	6.981	113.0E6	515.0E6	51.259	53.160
19)	B Endosulfa...	6.417	7.214	146.9E6	629.4E6	51.080	52.776
20)	A Methoxychlor	6.698	7.543	82525111	362.0E6	50.030	52.516
21)	B Endrin ke...	6.927	7.706	162.0E6	689.3E6	49.739	51.344
22)	Mirex	7.114	8.168	121.1E6	450.7E6	49.452	52.397
23)	Chlordane-1	3.841	0.000	884375	0	8.237	N.D. #
24)	Chlordane-2	0.000	5.296f	0	948.7E6	N.D.	1583.714 #
25)	Chlordane-3	5.050	5.982	185.7E6	808.7E6	543.831	436.218
26)	Chlordane-4	5.114	6.059	182.8E6	797.8E6	576.293	366.035 #
27)	Chlordane-5	6.011	0.000	147.7E6	0	1221.435	N.D. #

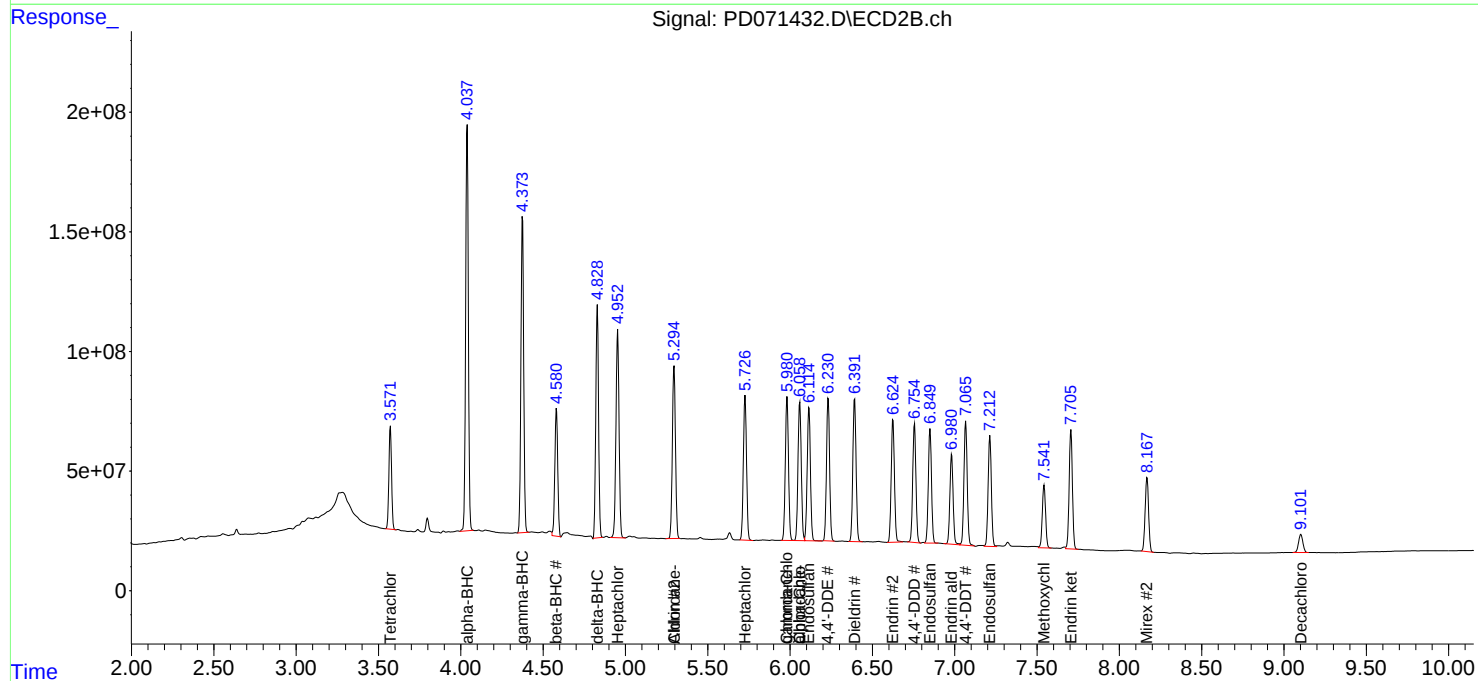
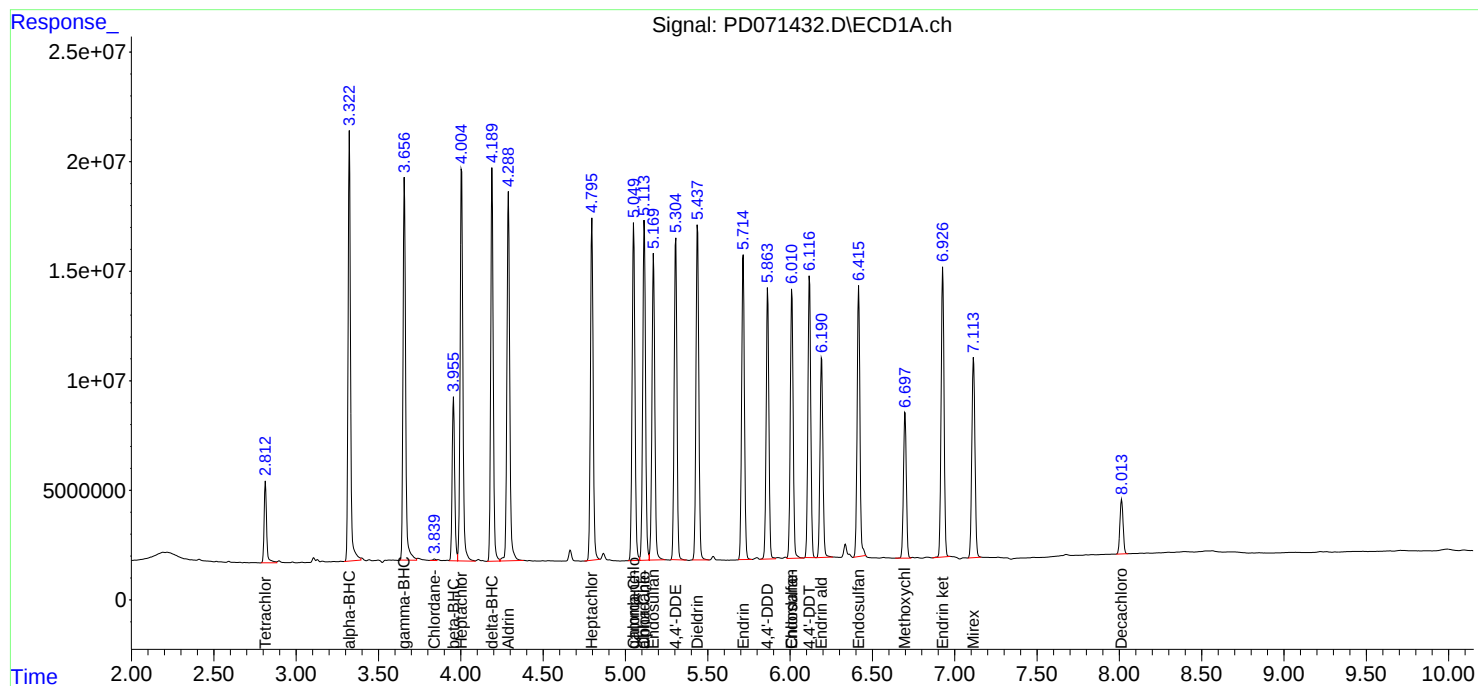
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

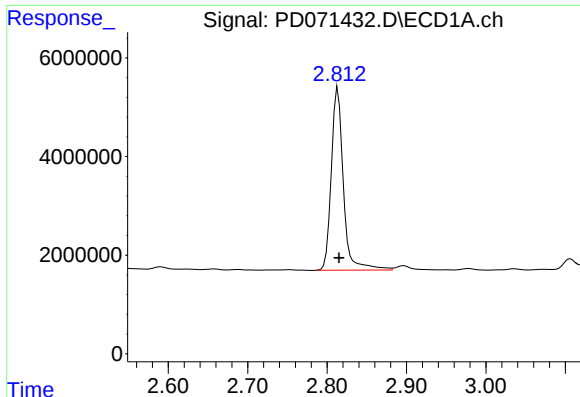
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080822\
Data File : PD071432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2022 21:17
Operator : AR\AJ
Sample : N4091-09MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 00:17:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
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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

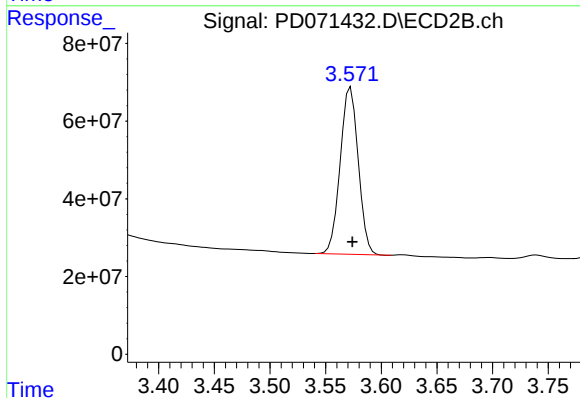




#1 Tetrachloro-m-xylene

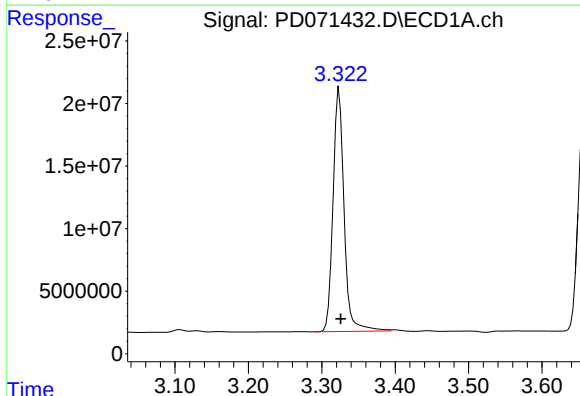
R.T.: 2.814 min
Delta R.T.: -0.001 min
Response: 39059079
Conc: 13.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



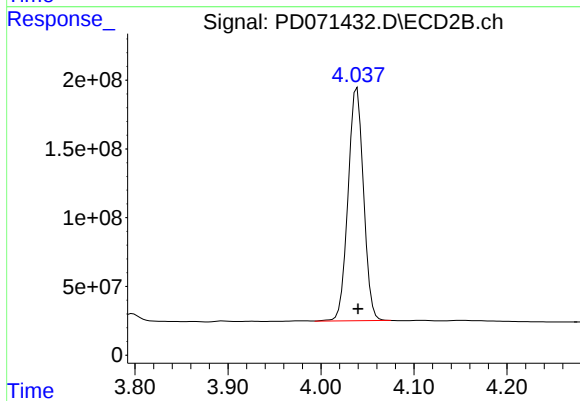
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.001 min
Response: 485139936
Conc: 17.23 ng/ml



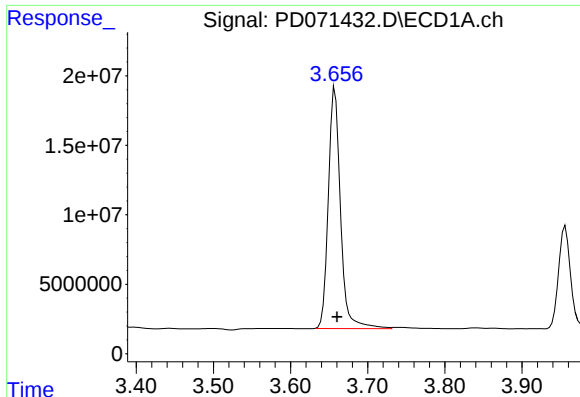
#2 alpha-BHC

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 203853506
Conc: 48.61 ng/ml



#2 alpha-BHC

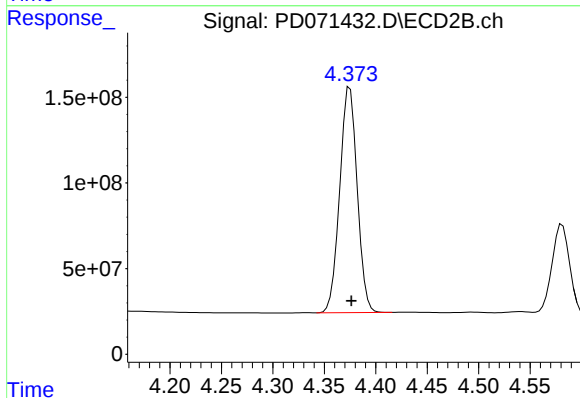
R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 1958844782
Conc: 52.77 ng/ml



#3 gamma-BHC (Lindane)

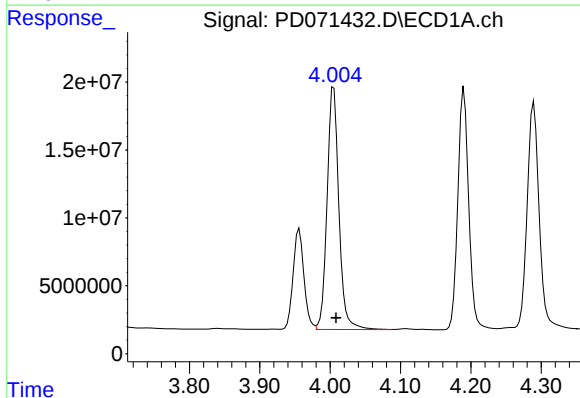
R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 191320220
Conc: 47.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



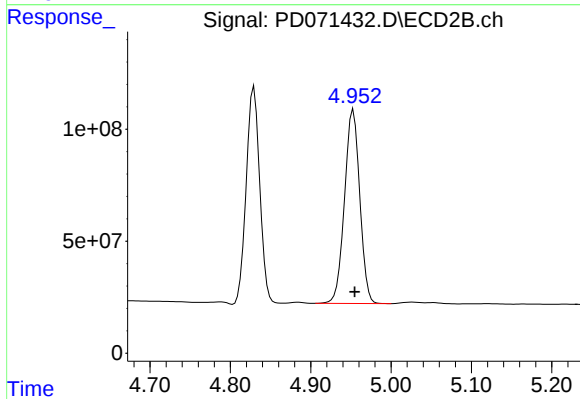
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 1556959487
Conc: 52.00 ng/ml



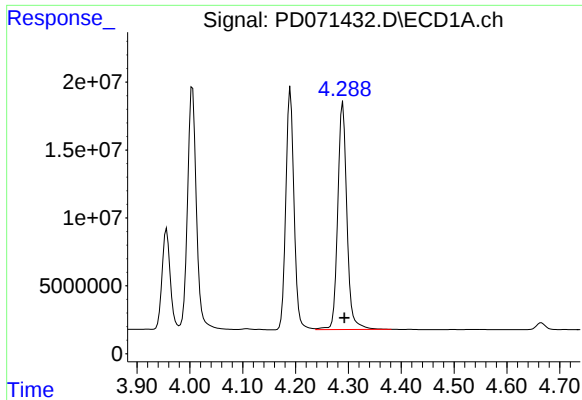
#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 208576275
Conc: 49.17 ng/ml



#4 Heptachlor

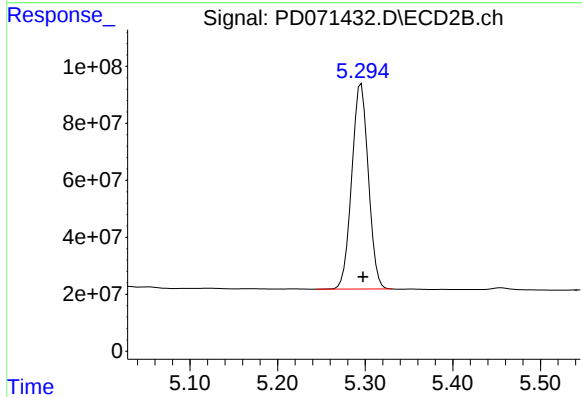
R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 1143393215
Conc: 54.08 ng/ml



#5 Aldrin

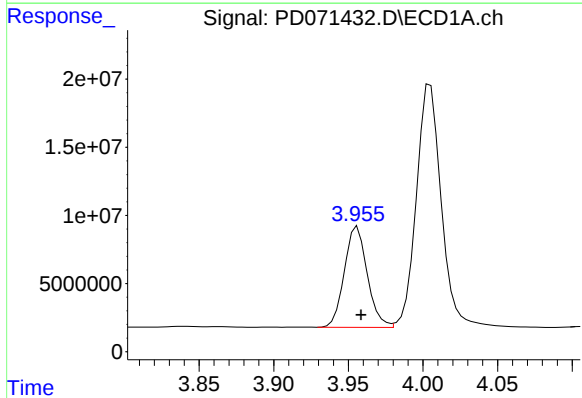
R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 201742973
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



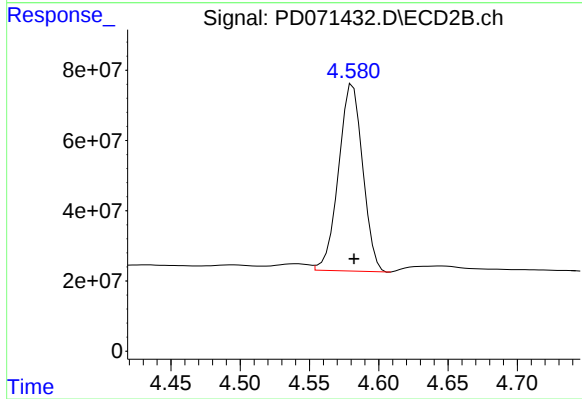
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.002 min
Response: 948655726
Conc: 53.72 ng/ml



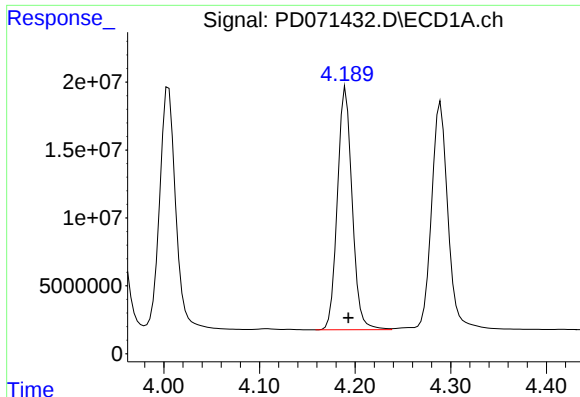
#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 79352580
Conc: 46.45 ng/ml



#6 beta-BHC

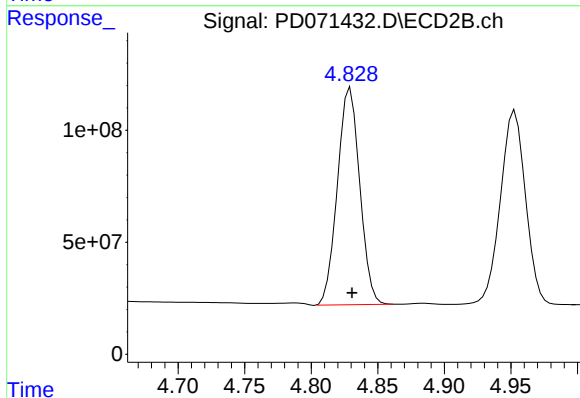
R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 645497916
Conc: 54.50 ng/ml



#7 delta-BHC

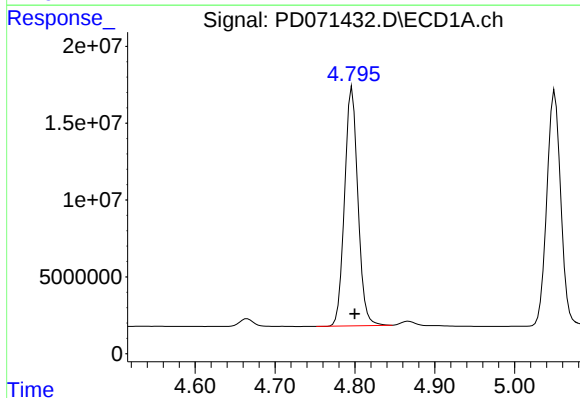
R.T.: 4.190 min
Delta R.T.: -0.003 min
Response: 190989673
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



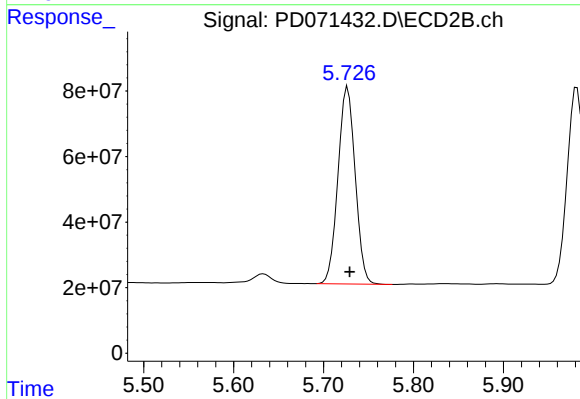
#7 delta-BHC

R.T.: 4.829 min
Delta R.T.: -0.001 min
Response: 1131694091
Conc: 56.87 ng/ml



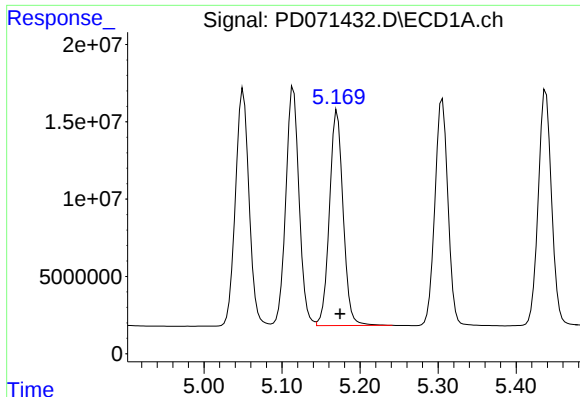
#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 180168031
Conc: 49.20 ng/ml



#8 Heptachlor epoxide

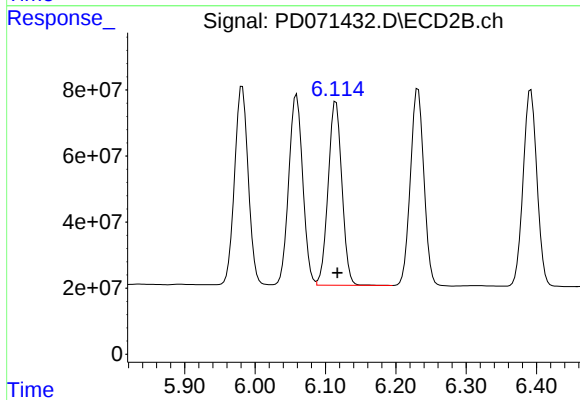
R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 799664671
Conc: 61.19 ng/ml



#9 Endosulfan I

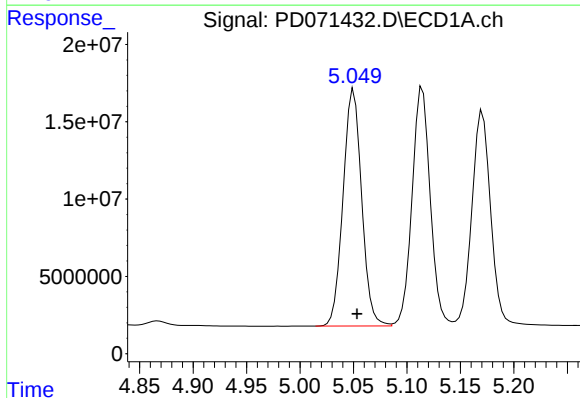
R.T.: 5.171 min
Delta R.T.: -0.004 min
Response: 169649799
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



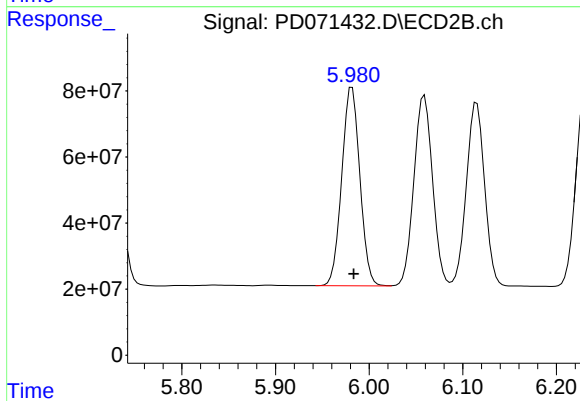
#9 Endosulfan I

R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 755892443
Conc: 54.98 ng/ml



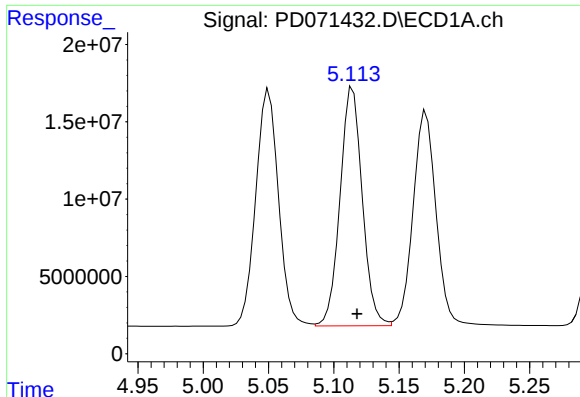
#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 185695063
Conc: 48.87 ng/ml



#10 gamma-Chlordane

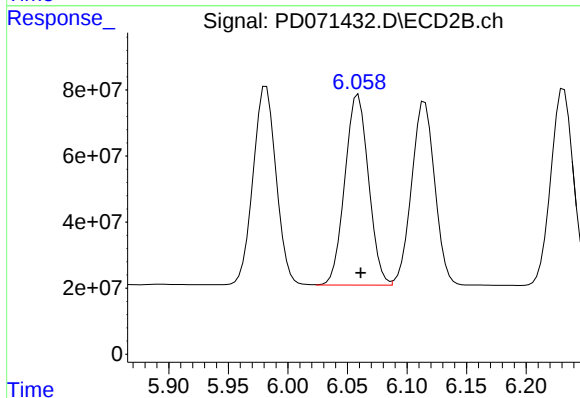
R.T.: 5.982 min
Delta R.T.: -0.002 min
Response: 808715269
Conc: 55.07 ng/ml



#11 alpha-Chlordane

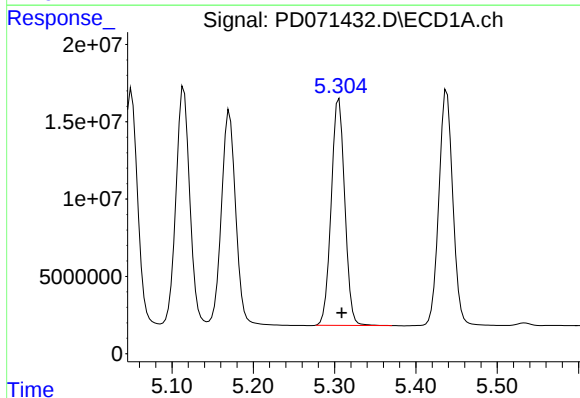
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 182831817
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



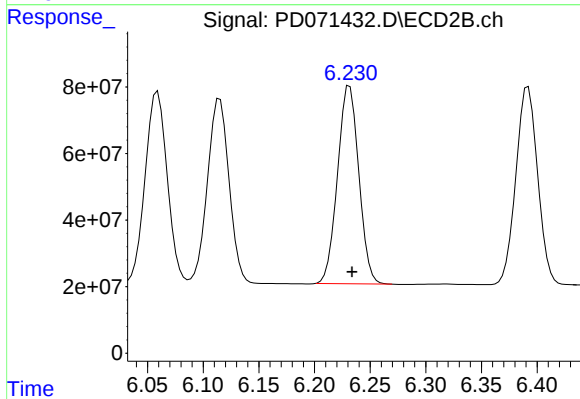
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 797817681
Conc: 55.02 ng/ml



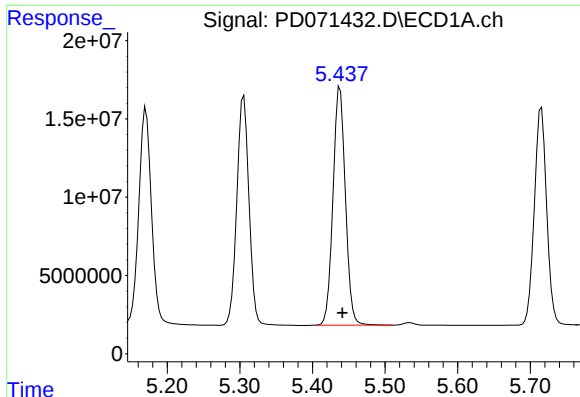
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.003 min
Response: 170114550
Conc: 49.70 ng/ml



#12 4,4'-DDE

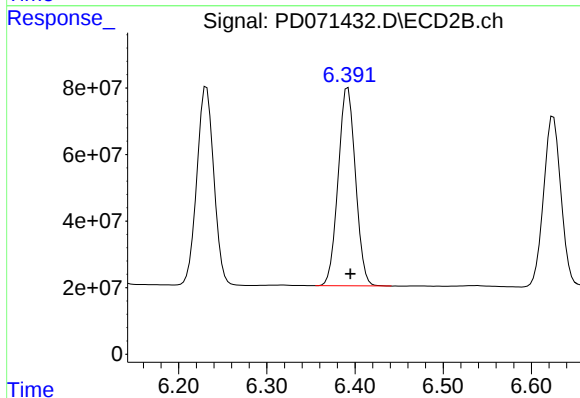
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 791538363
Conc: 55.37 ng/ml



#13 Dieldrin

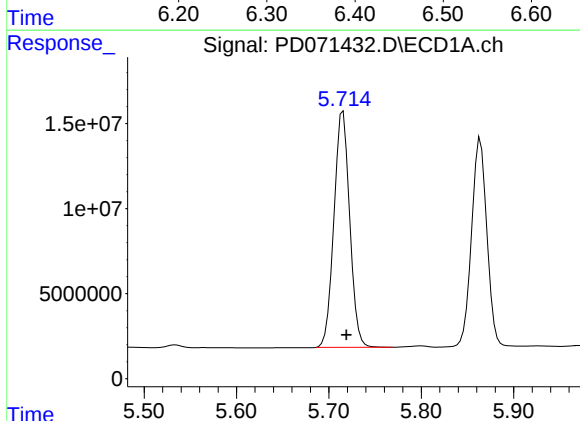
R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 180851521
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



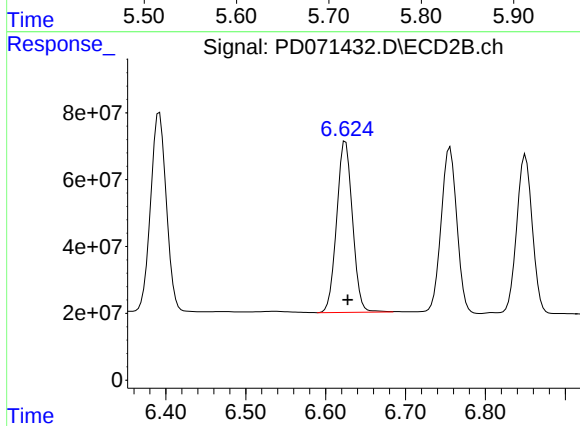
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 811133173
Conc: 55.20 ng/ml



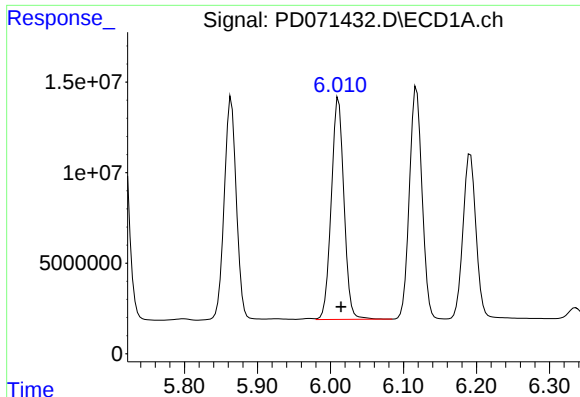
#14 Endrin

R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 164424751
Conc: 51.93 ng/ml



#14 Endrin

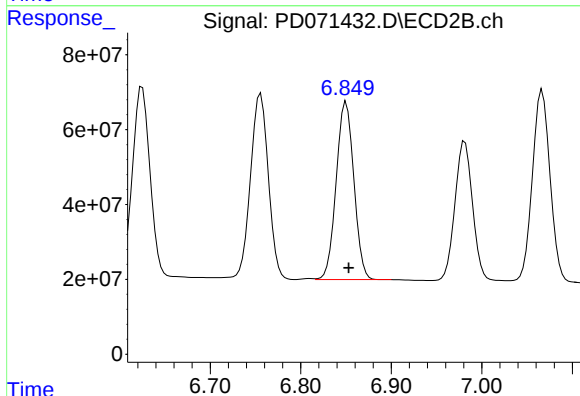
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 703780524
Conc: 56.26 ng/ml



#15 Endosulfan II

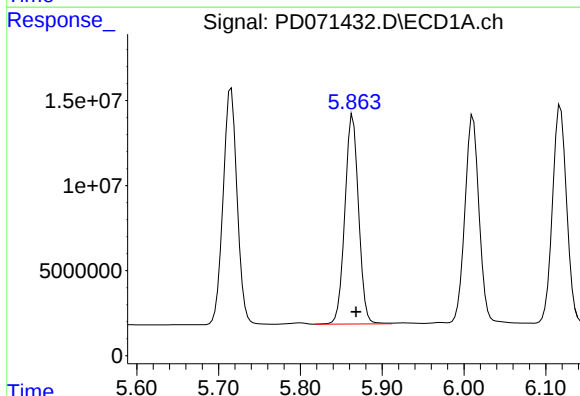
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 147681139
Conc: 49.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



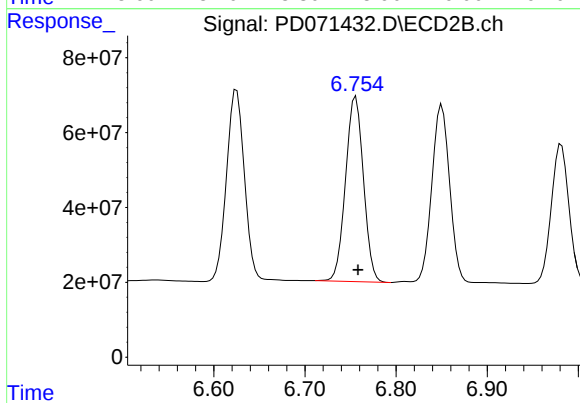
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 644625223
Conc: 51.99 ng/ml



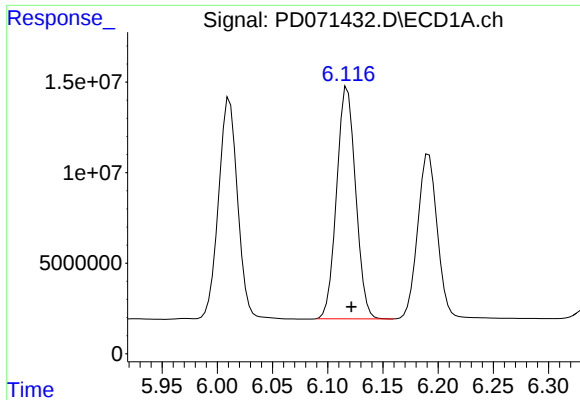
#16 4,4'-DDD

R.T.: 5.864 min
Delta R.T.: -0.004 min
Response: 142241983
Conc: 49.90 ng/ml



#16 4,4'-DDD

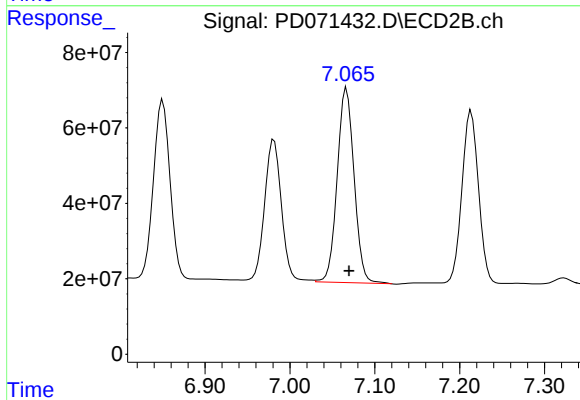
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 675307809
Conc: 56.78 ng/ml



#17 4,4'-DDT

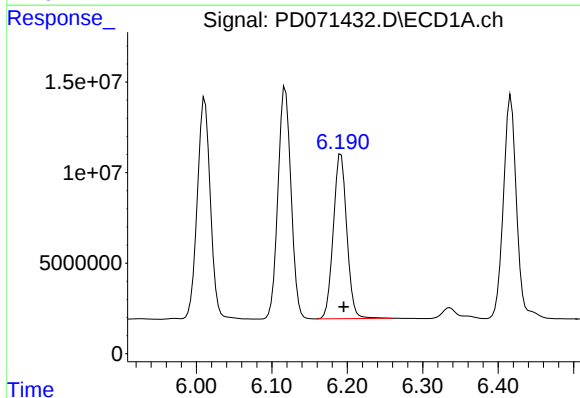
R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 153438101
Conc: 51.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



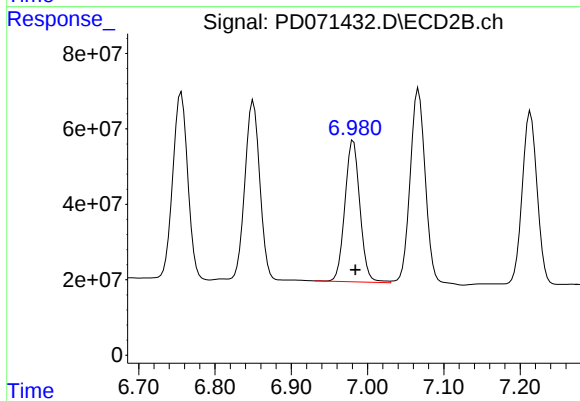
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 712437477
Conc: 54.62 ng/ml



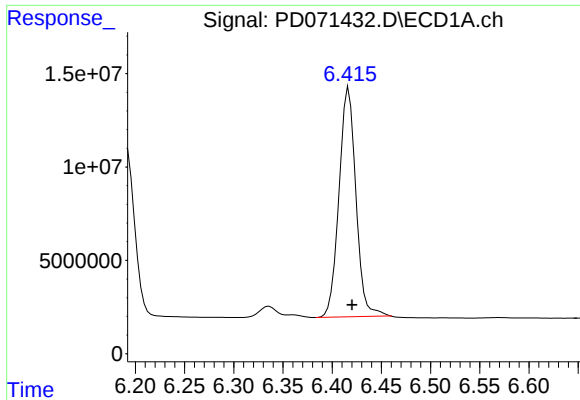
#18 Endrin aldehyde

R.T.: 6.192 min
Delta R.T.: -0.004 min
Response: 113008433
Conc: 51.26 ng/ml



#18 Endrin aldehyde

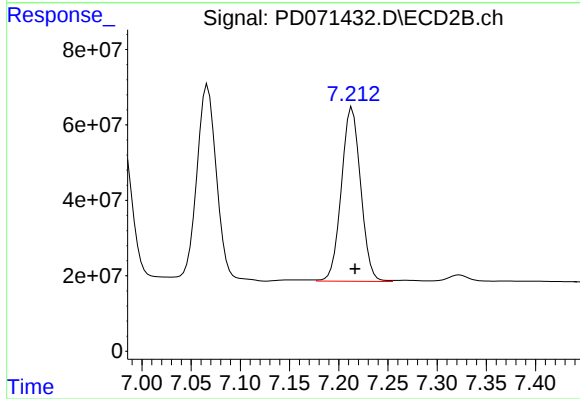
R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 515011426
Conc: 53.16 ng/ml



#19 Endosulfan Sulfate

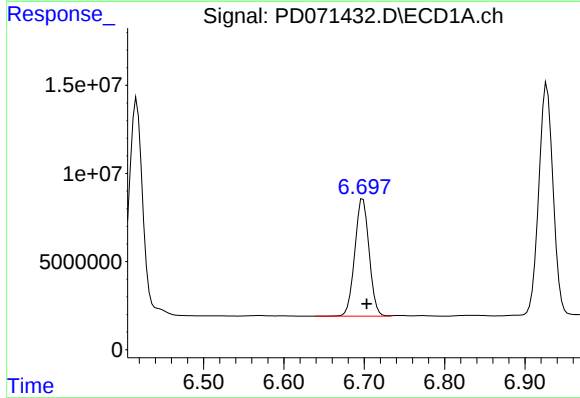
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 146893627
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



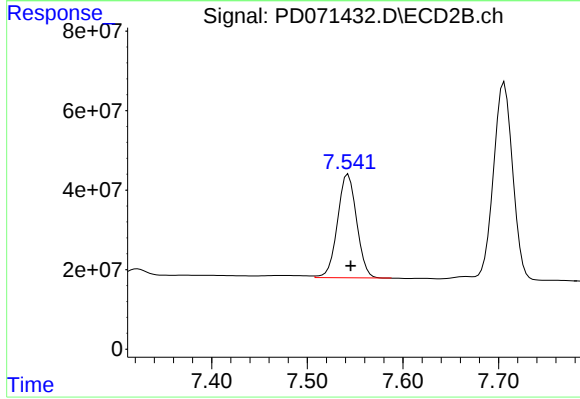
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 629440650
Conc: 52.78 ng/ml



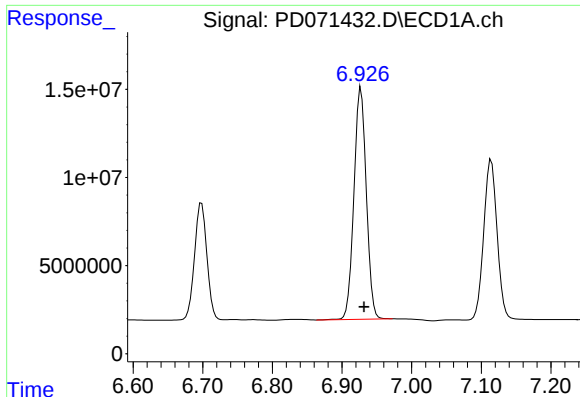
#20 Methoxychlor

R.T.: 6.698 min
Delta R.T.: -0.005 min
Response: 82525111
Conc: 50.03 ng/ml



#20 Methoxychlor

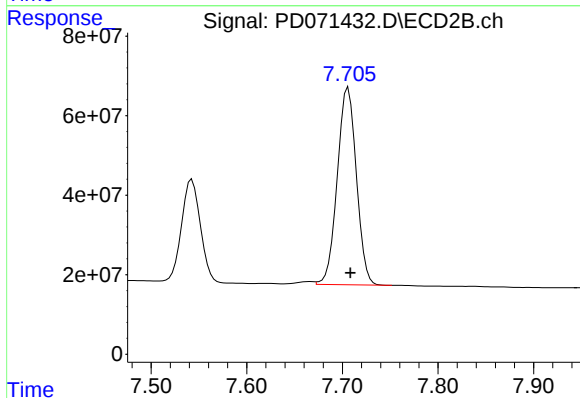
R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 361977011
Conc: 52.52 ng/ml



#21 Endrin ketone

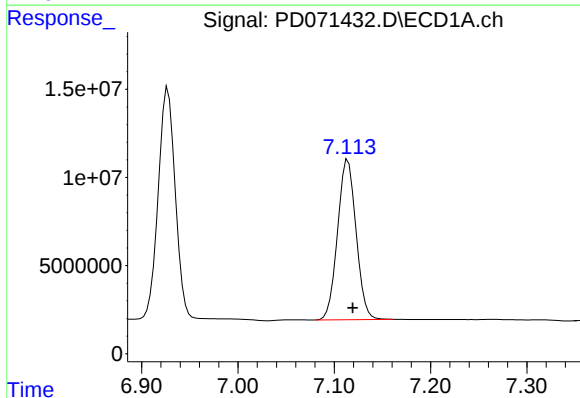
R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 162029934
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



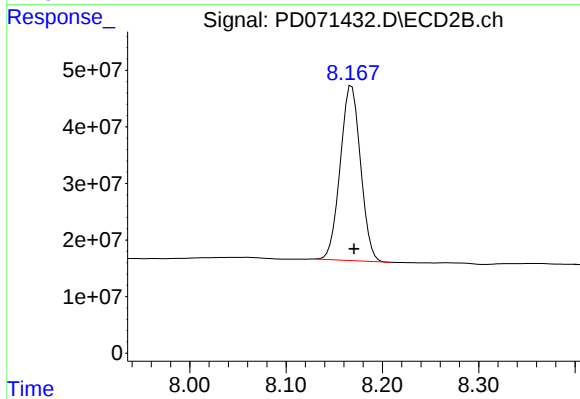
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.002 min
Response: 689264106
Conc: 51.34 ng/ml



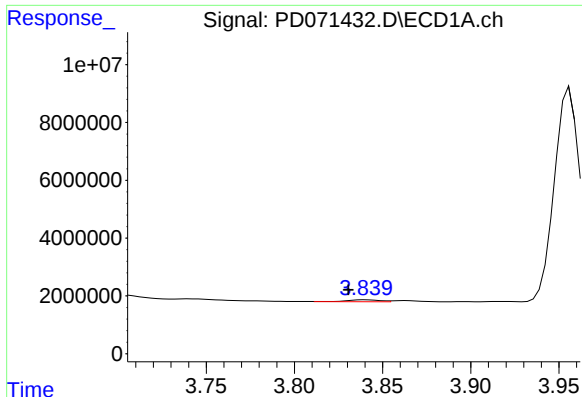
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.005 min
Response: 121071427
Conc: 49.45 ng/ml



#22 Mirex

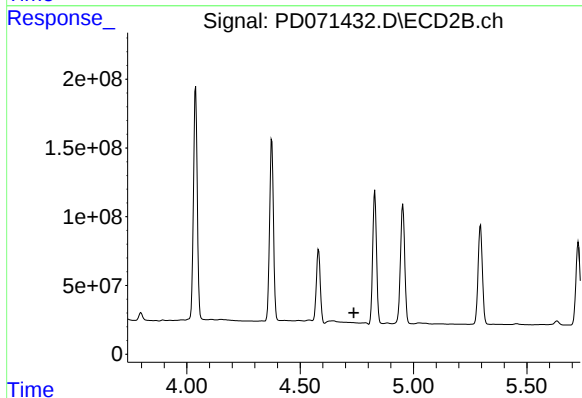
R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 450729042
Conc: 52.40 ng/ml



#23 Chlordane-1

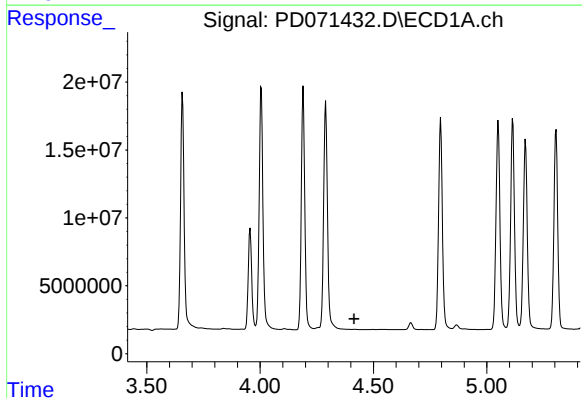
R.T.: 3.841 min
Delta R.T.: 0.010 min
Response: 884375
Conc: 8.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



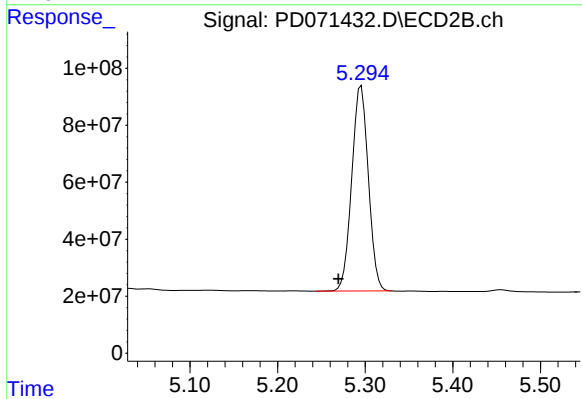
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.736 min
Response: 0
Conc: N.D.



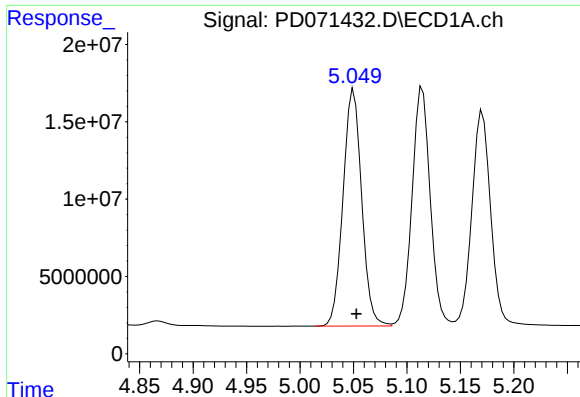
#24 Chlordane-2

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



#24 Chlordane-2

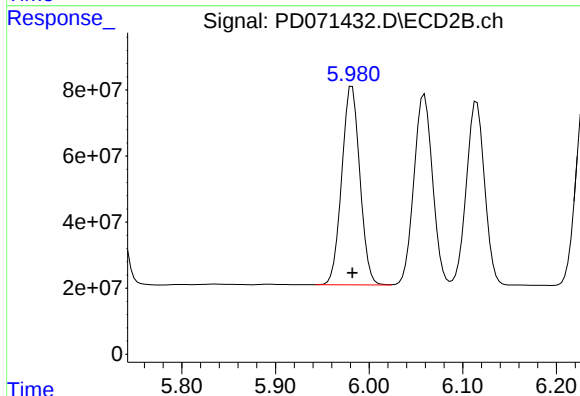
R.T.: 5.296 min
Delta R.T.: 0.026 min
Response: 948655726
Conc: 1583.71 ng/ml



#25 Chlordane-3

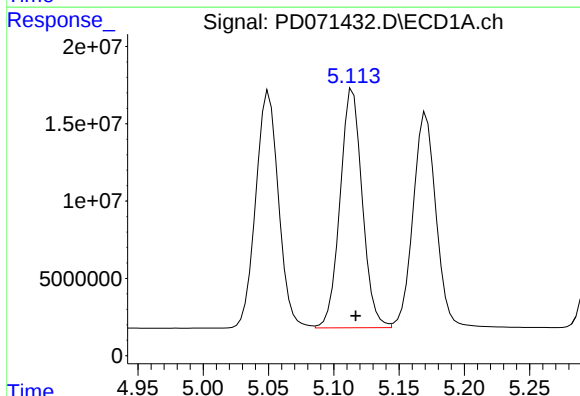
R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 185695063
Conc: 543.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



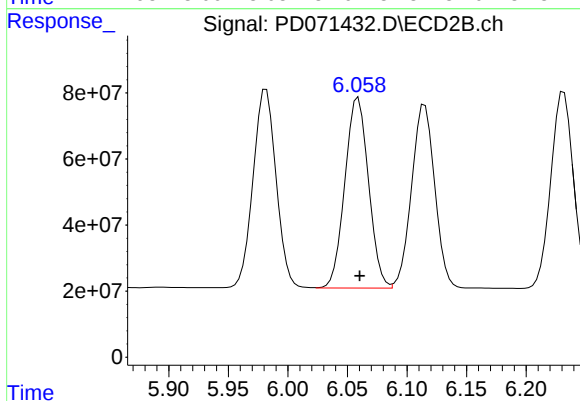
#25 Chlordane-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 808715269
Conc: 436.22 ng/ml



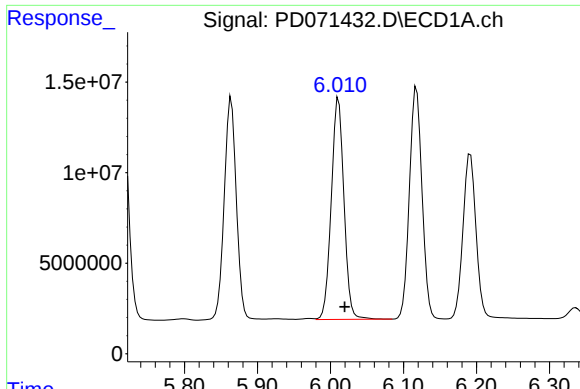
#26 Chlordane-4

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 182831817
Conc: 576.29 ng/ml



#26 Chlordane-4

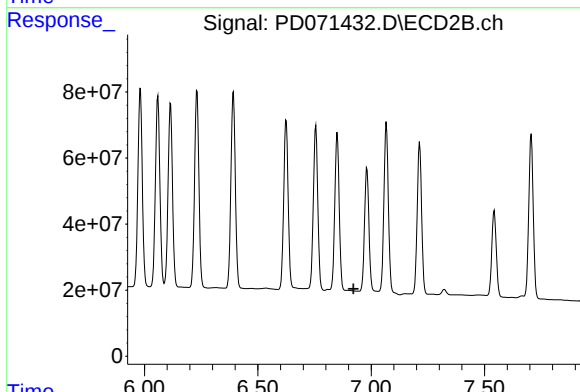
R.T.: 6.059 min
Delta R.T.: -0.001 min
Response: 797817681
Conc: 366.04 ng/ml



#27 Chlordane-5

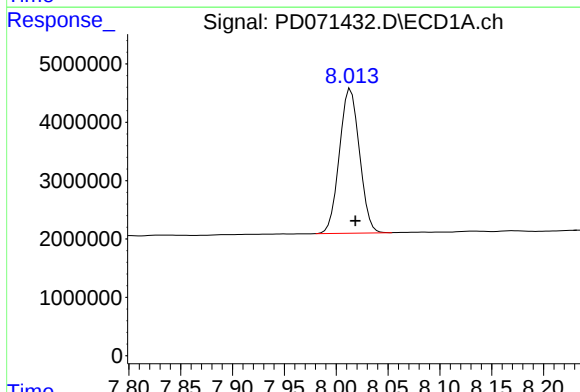
R.T.: 6.011 min
Delta R.T.: -0.008 min
Response: 147681139
Conc: 1221.44 ng/m

Instrument :
ECD_D
ClientSampleId :



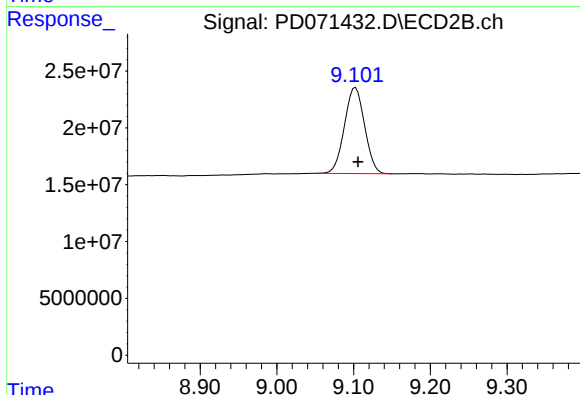
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 33336008
Conc: 12.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.003 min
Response: 138882908
Conc: 13.42 ng/ml