

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121922\
 Data File : PD073352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 10:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:16:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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...	2.701	3.457	102.8E6	4635.8E6	49.051	47.137
28)	SA Decachlor...	7.826	8.906	115.0E6	914.7E6	47.512	51.890
Target Compounds							
2)	A alpha-BHC	3.204	3.920	179.3E6	6404.2E6	51.850	47.915
3)	MA gamma-BHC...	3.534	4.254	161.3E6	4596.5E6	58.673	46.584
4)	MA Heptachlor	3.865	4.820	161.2E6	3078.5E6	51.522	48.309
5)	MB Aldrin	4.144	5.158	159.3E6	2669.0E6	51.431	48.439
6)	B beta-BHC	3.836	4.469	65274377	1588.2E6	51.402	46.868
7)	B delta-BHC	4.065	4.713	166.6E6	3420.2E6	52.909	51.545
8)	B Heptachlo...	4.649	5.590	142.7E6	2259.5E6	51.481	50.685
9)	A Endosulfan I	5.018	5.975	134.6E6	2067.7E6	50.849	49.804
10)	B gamma-Chl...	4.897	5.844	145.9E6	2078.5E6	51.146	46.499
11)	B alpha-Chl...	4.960	5.920	143.3E6	2168.6E6	50.864	49.555
12)	B 4,4'-DDE	5.148	6.093	140.0E6	2127.2E6	51.688	50.335
13)	MA Dieldrin	5.283	6.252	144.2E6	2122.0E6	51.089	50.513
14)	MA Endrin	5.560	6.483	129.7E6	1741.3E6	50.519	53.001
15)	B Endosulfa...	5.857	6.713	116.2E6	1587.9E6	49.167	49.987
16)	A 4,4'-DDD	5.706	6.617	115.2E6	1554.2E6	51.066	49.746
17)	MA 4,4'-DDT	5.956	6.925	112.8E6	1591.5E6	50.902	52.665
18)	B Endrin al...	6.039	6.845	90333166	1212.2E6	47.990	51.709
19)	B Endosulfa...	6.262	7.078	116.3E6	1423.8E6	48.939	52.041
20)	A Methoxychlor	6.537	7.405	63072774	704.2E6	47.323	52.029
21)	B Endrin ke...	6.772	7.567	136.3E6	1441.3E6	50.152	52.493
22)	Mirex	6.936	8.014	102.2E6	914.4E6	49.158	52.281
23)	Chlordane-1	0.000	4.594	0	2597255	N.D.	1.026 #
24)	Chlordane-2	4.288f	5.158f	85977	2669.0E6	0.863	1596.471 #
25)	Chlordane-3	4.897	5.844	145.9E6	2078.5E6	488.894	358.140 #
26)	Chlordane-4	4.960	5.920	143.3E6	2168.6E6	474.126	297.928 #
27)	Chlordane-5	5.857	0.000	116.2E6	0	1287.459	N.D. #

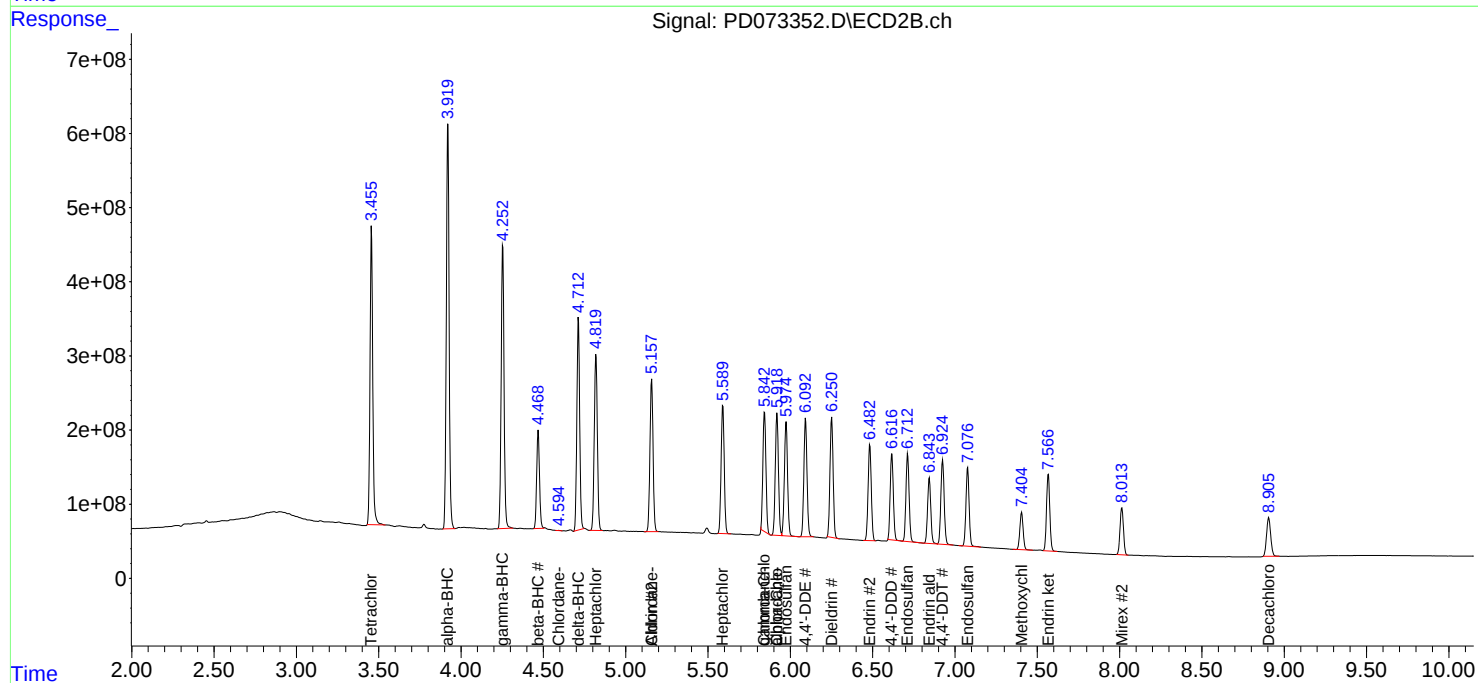
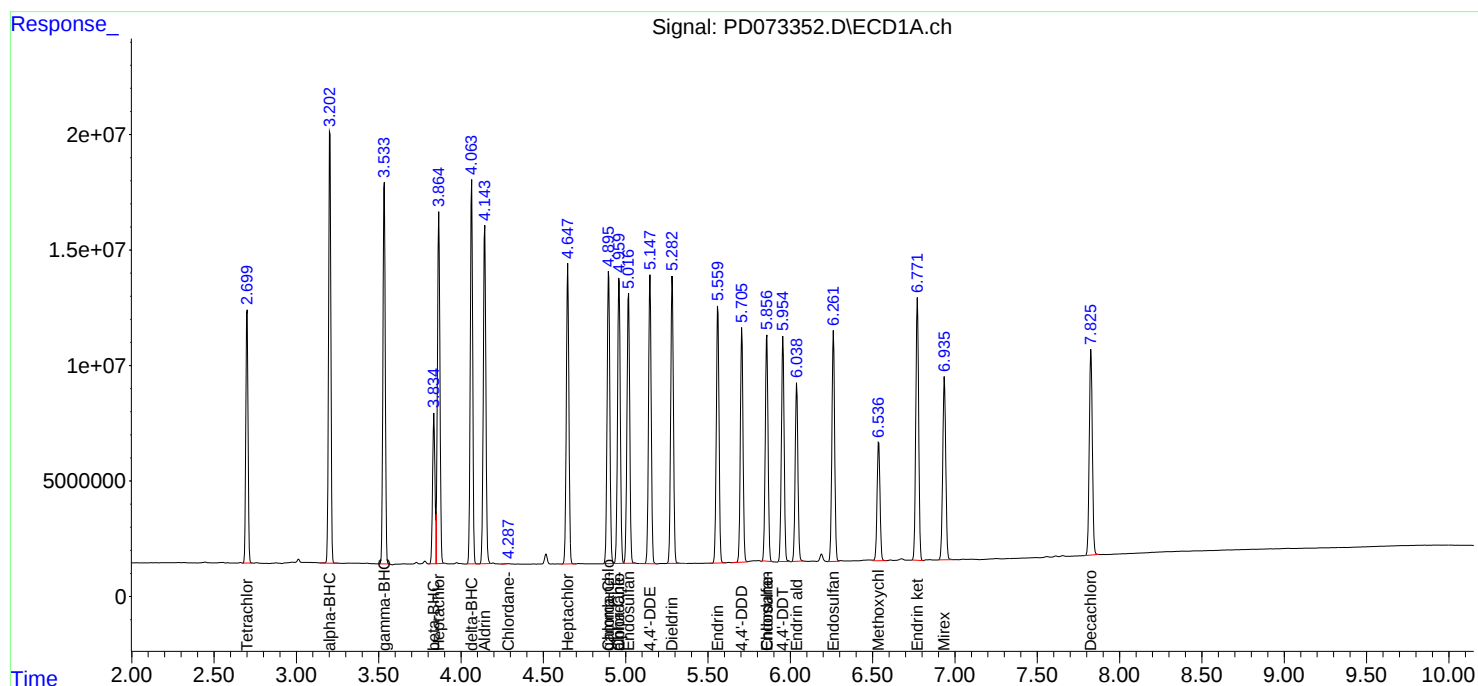
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

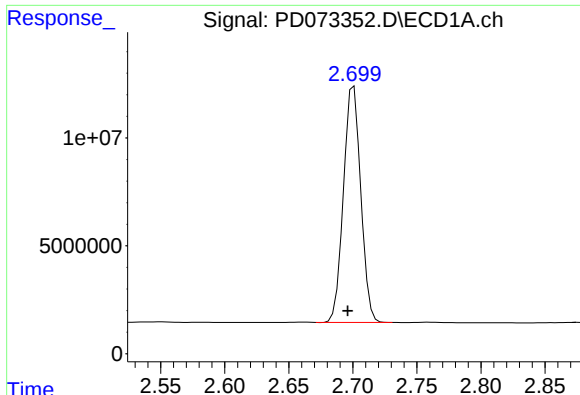
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121922\
 Data File : PD073352.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 10:00
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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

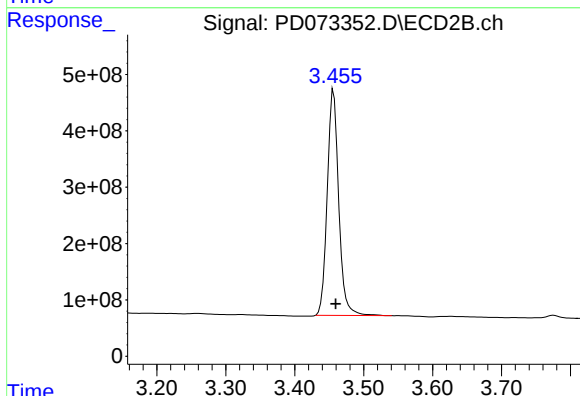




#1 Tetrachloro-m-xylene

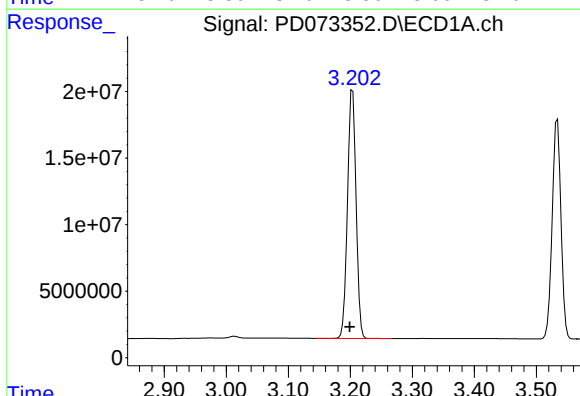
R.T.: 2.701 min
Delta R.T.: 0.005 min
Response: 102802759
Conc: 49.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



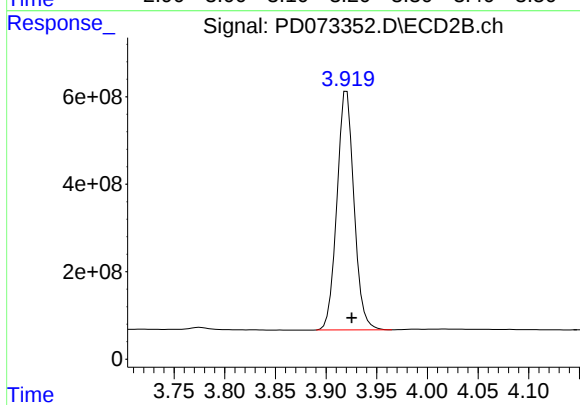
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 4635782942
Conc: 47.14 ng/ml



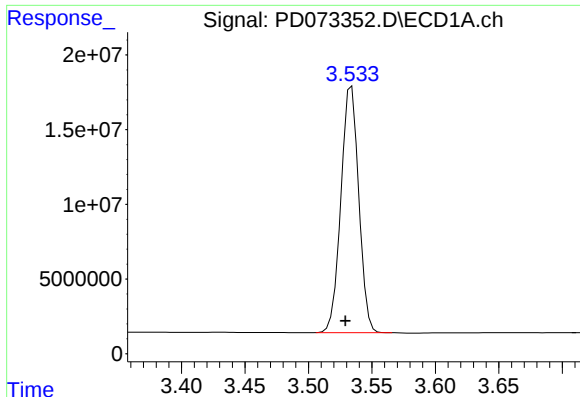
#2 alpha-BHC

R.T.: 3.204 min
Delta R.T.: 0.005 min
Response: 179343573
Conc: 51.85 ng/ml



#2 alpha-BHC

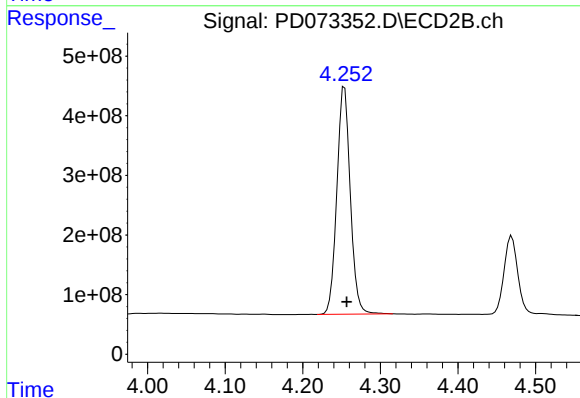
R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 6404170493
Conc: 47.91 ng/ml



#3 gamma-BHC (Lindane)

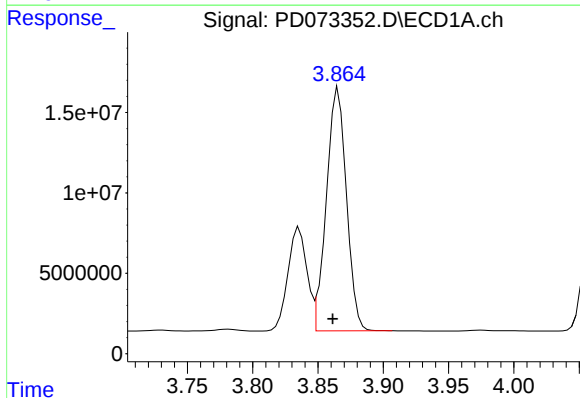
R.T.: 3.534 min
Delta R.T.: 0.005 min
Response: 161334136
Conc: 58.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



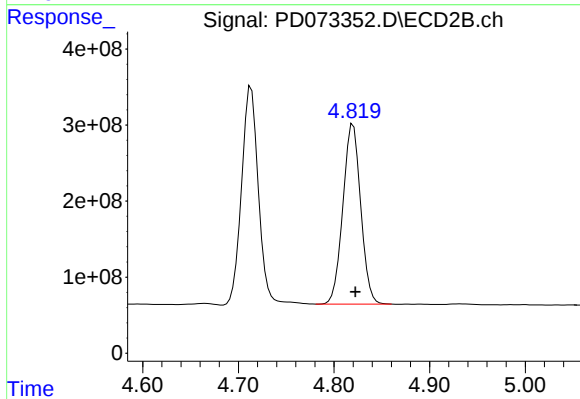
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 4596451365
Conc: 46.58 ng/ml



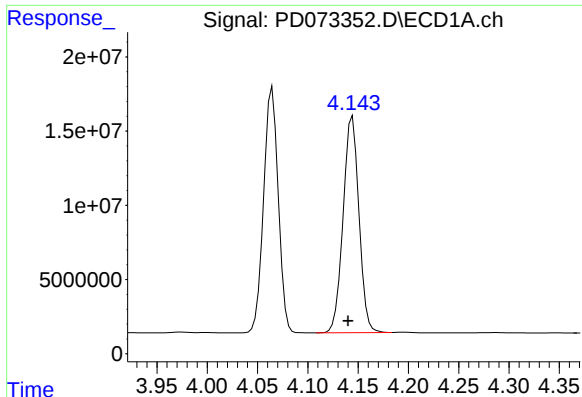
#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.004 min
Response: 161174510
Conc: 51.52 ng/ml



#4 Heptachlor

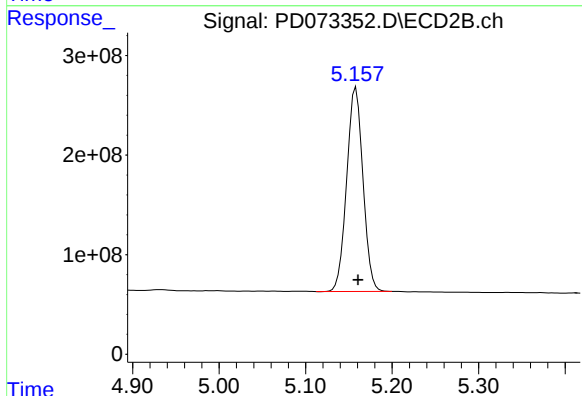
R.T.: 4.820 min
Delta R.T.: -0.002 min
Response: 3078503494
Conc: 48.31 ng/ml



#5 Aldrin

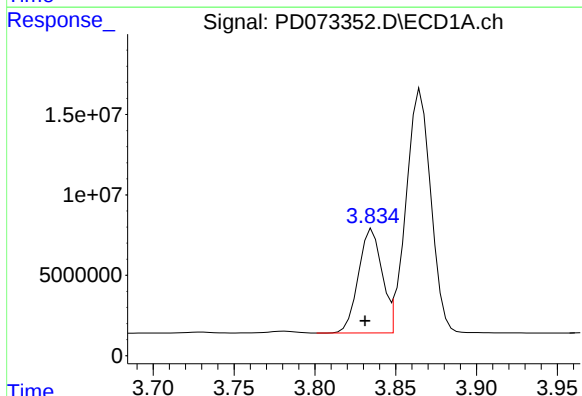
R.T.: 4.144 min
Delta R.T.: 0.005 min
Response: 159339130
Conc: 51.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



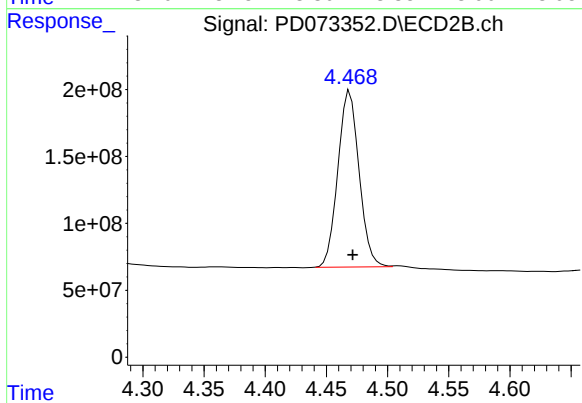
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 2668963106
Conc: 48.44 ng/ml



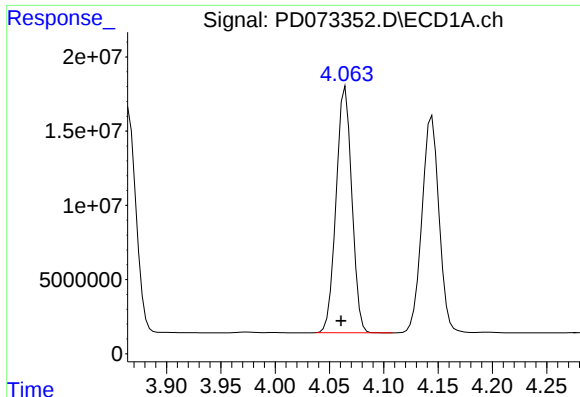
#6 beta-BHC

R.T.: 3.836 min
Delta R.T.: 0.004 min
Response: 65274377
Conc: 51.40 ng/ml



#6 beta-BHC

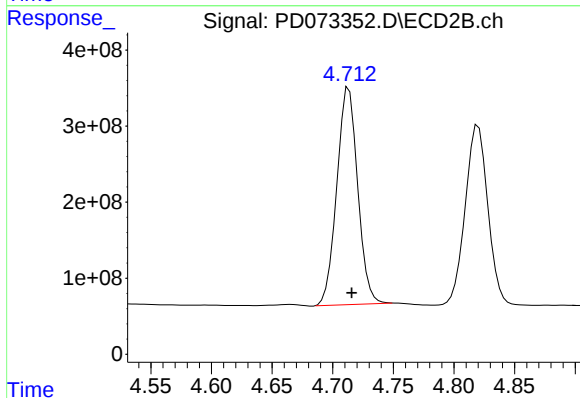
R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1588158455
Conc: 46.87 ng/ml



#7 delta-BHC

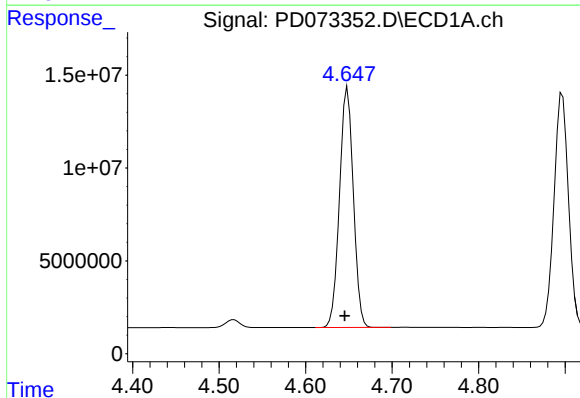
R.T.: 4.065 min
Delta R.T.: 0.004 min
Response: 166580458
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



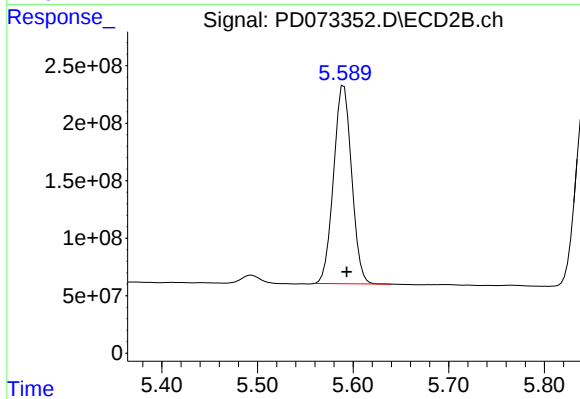
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 3420176736
Conc: 51.54 ng/ml



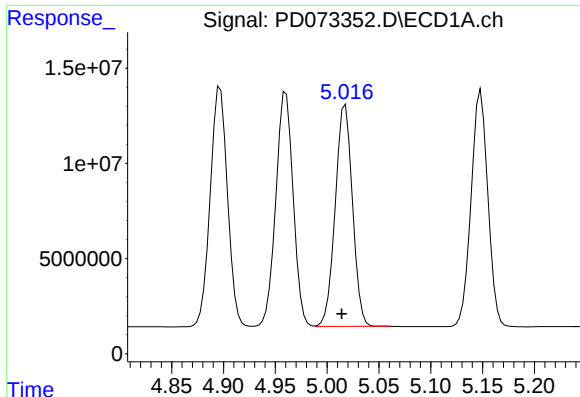
#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: 0.003 min
Response: 142686832
Conc: 51.48 ng/ml



#8 Heptachlor epoxide

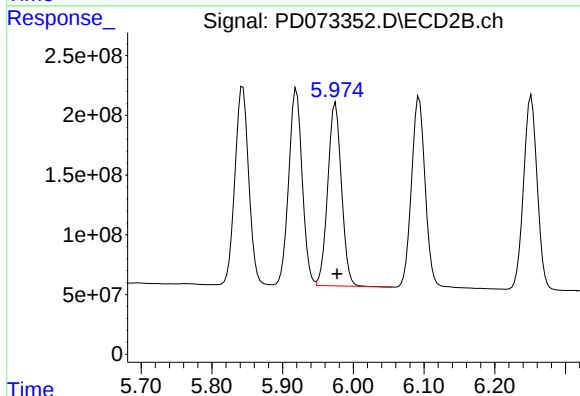
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 2259494768
Conc: 50.69 ng/ml



#9 Endosulfan I

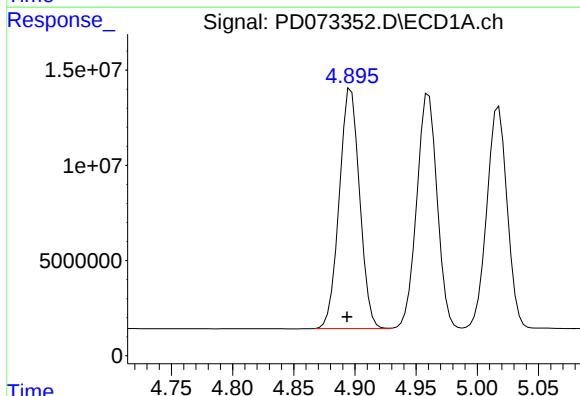
R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 134576284
Conc: 50.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



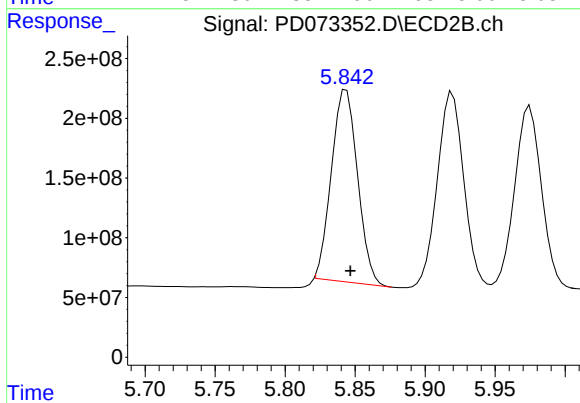
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2067709268
Conc: 49.80 ng/ml



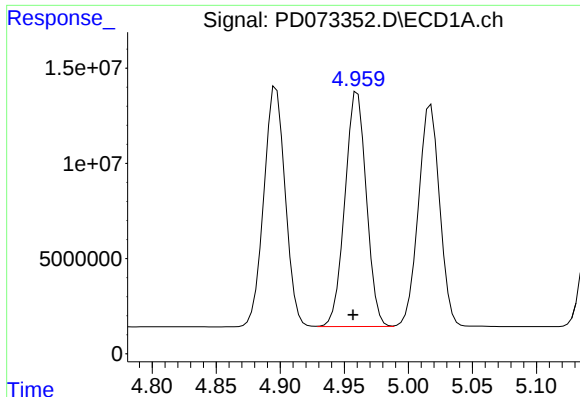
#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 145939741
Conc: 51.15 ng/ml



#10 gamma-Chlordane

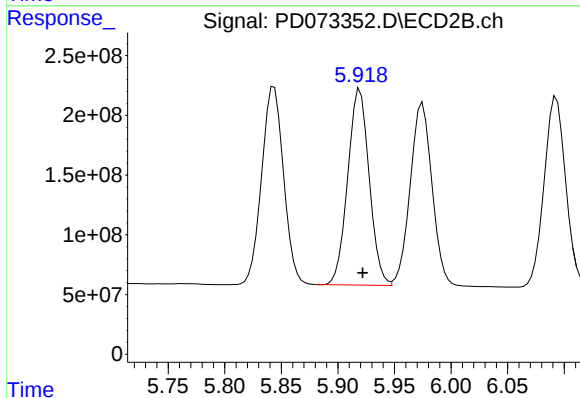
R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 2078486309
Conc: 46.50 ng/ml



#11 alpha-Chlordane

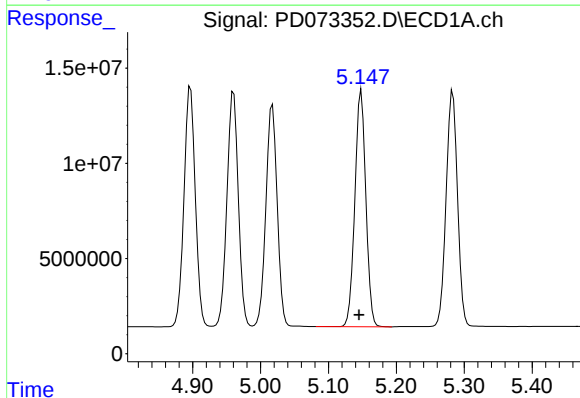
R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 143296673
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



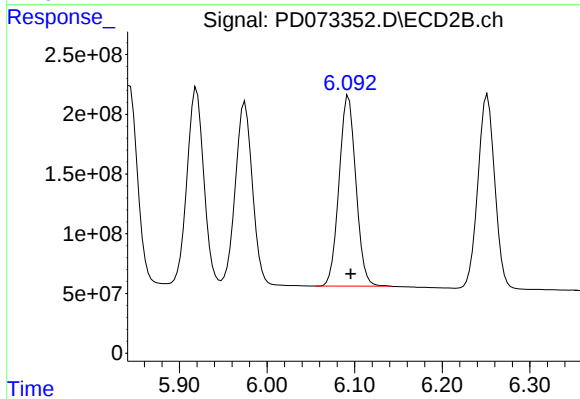
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 2168616863
Conc: 49.56 ng/ml



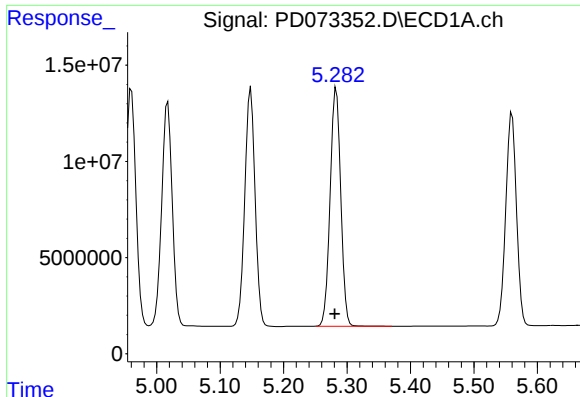
#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: 0.003 min
Response: 139961157
Conc: 51.69 ng/ml



#12 4,4'-DDE

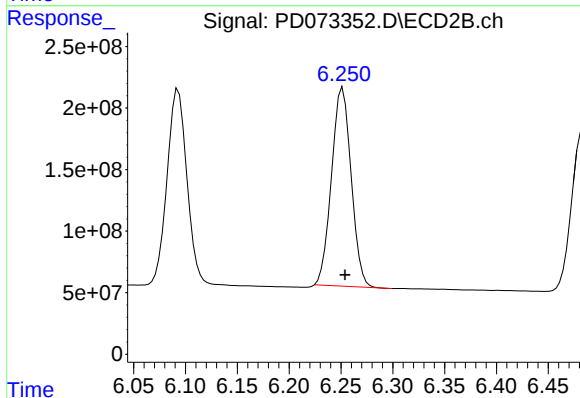
R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2127196121
Conc: 50.33 ng/ml



#13 Dieldrin

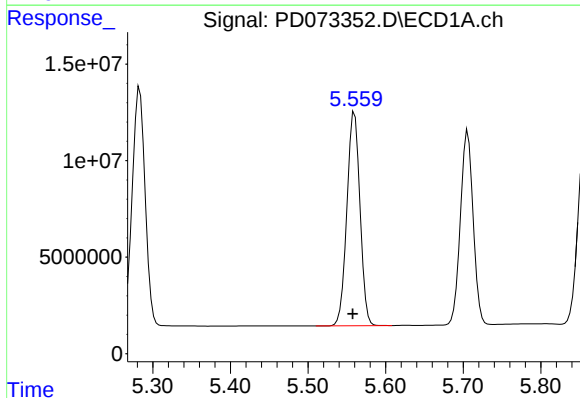
R.T.: 5.283 min
Delta R.T.: 0.002 min
Response: 144174577
Conc: 51.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



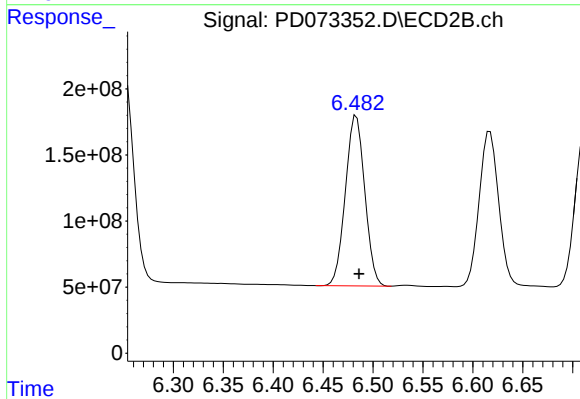
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 2122042591
Conc: 50.51 ng/ml



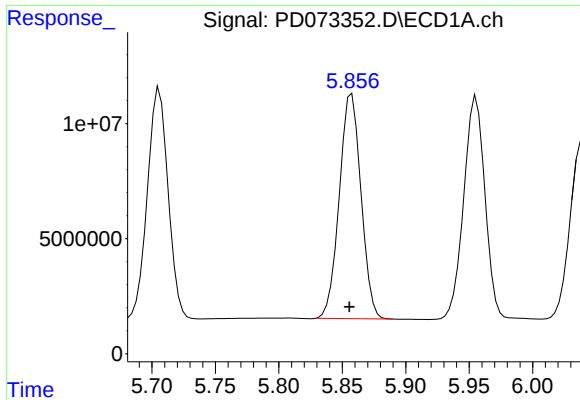
#14 Endrin

R.T.: 5.560 min
Delta R.T.: 0.002 min
Response: 129716591
Conc: 50.52 ng/ml



#14 Endrin

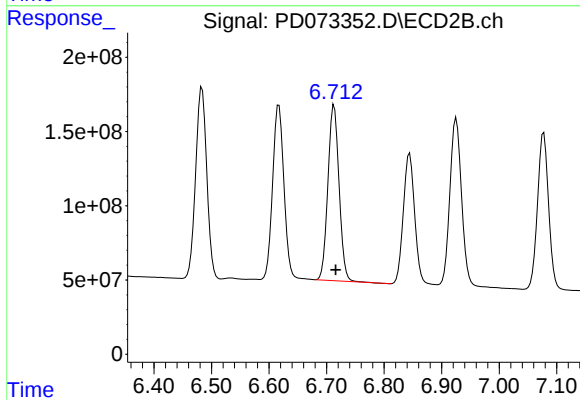
R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 1741262842
Conc: 53.00 ng/ml



#15 Endosulfan II

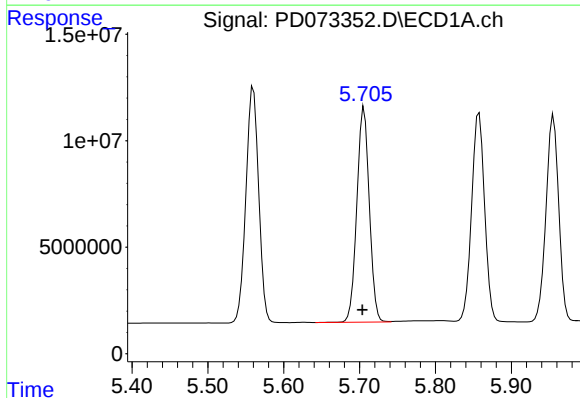
R.T.: 5.857 min
Delta R.T.: 0.002 min
Response: 116162379
Conc: 49.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



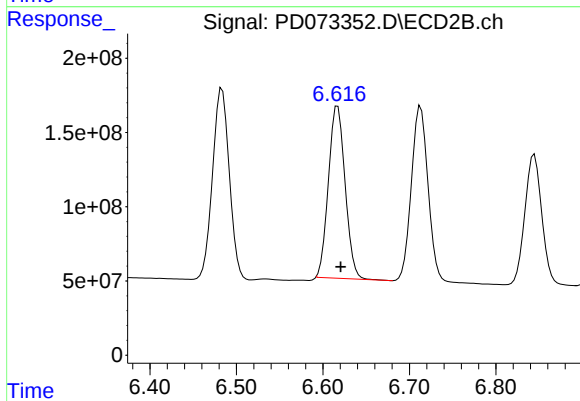
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 1587940270
Conc: 49.99 ng/ml



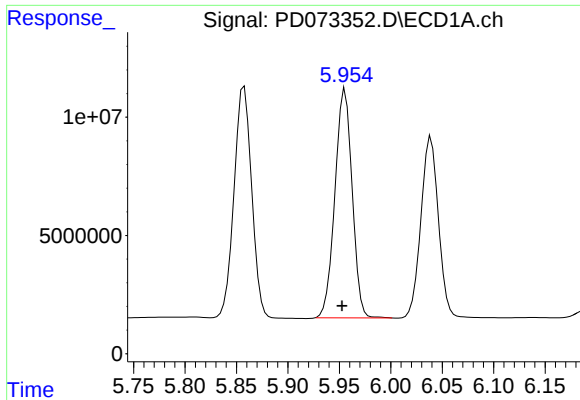
#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.002 min
Response: 115177314
Conc: 51.07 ng/ml



#16 4,4'-DDD

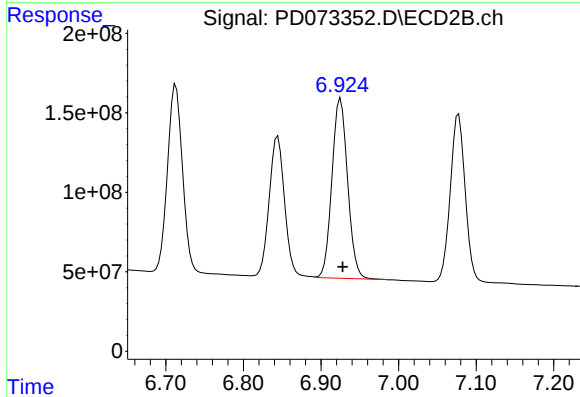
R.T.: 6.617 min
Delta R.T.: -0.003 min
Response: 1554213772
Conc: 49.75 ng/ml



#17 4,4'-DDT

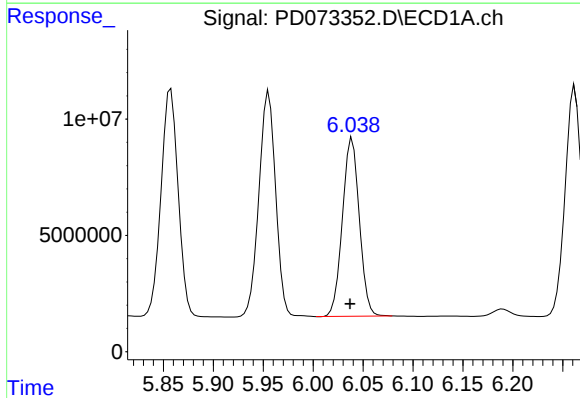
R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 112756551
Conc: 50.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



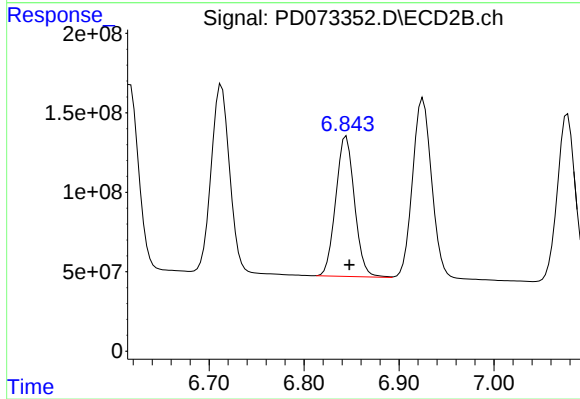
#17 4,4'-DDT

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 1591492061
Conc: 52.66 ng/ml



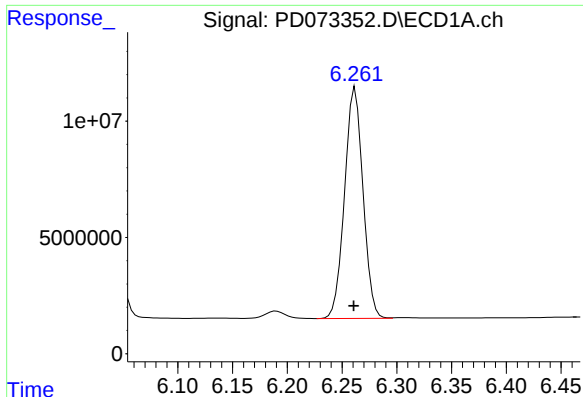
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.002 min
Response: 90333166
Conc: 47.99 ng/ml



#18 Endrin aldehyde

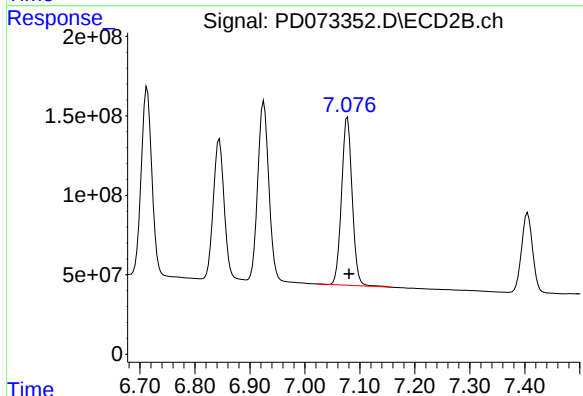
R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 1212217374
Conc: 51.71 ng/ml



#19 Endosulfan Sulfate

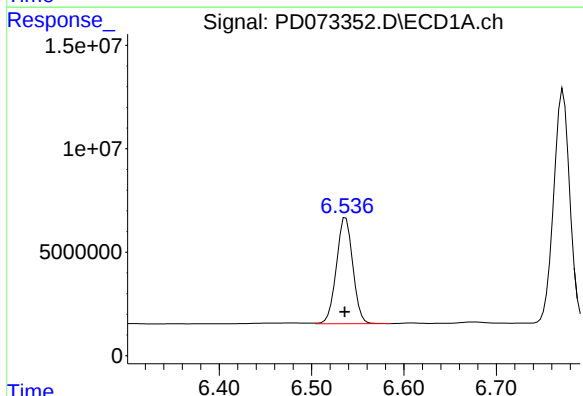
R.T.: 6.262 min
Delta R.T.: 0.001 min
Response: 116319941
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



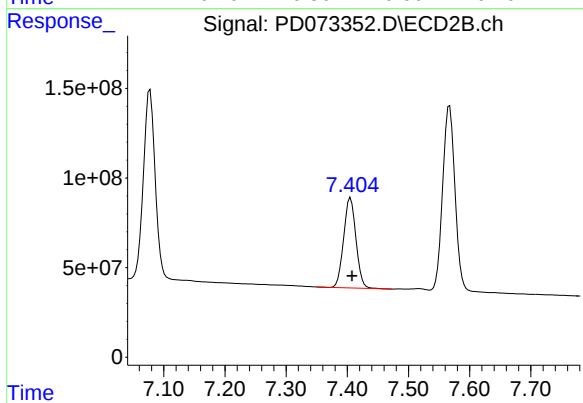
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 1423848913
Conc: 52.04 ng/ml



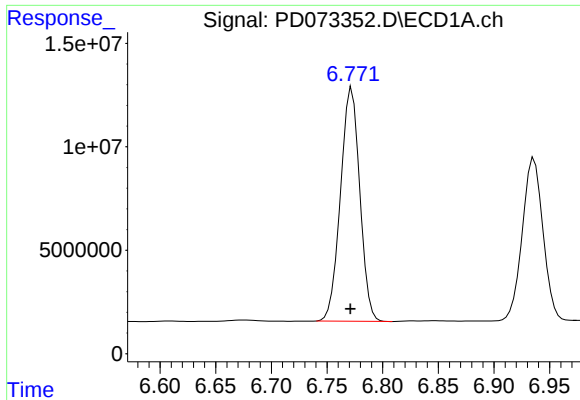
#20 Methoxychlor

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 63072774
Conc: 47.32 ng/ml



#20 Methoxychlor

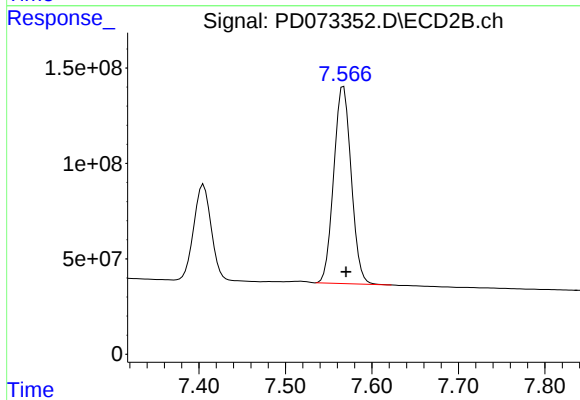
R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 704235971
Conc: 52.03 ng/ml



#21 Endrin ketone

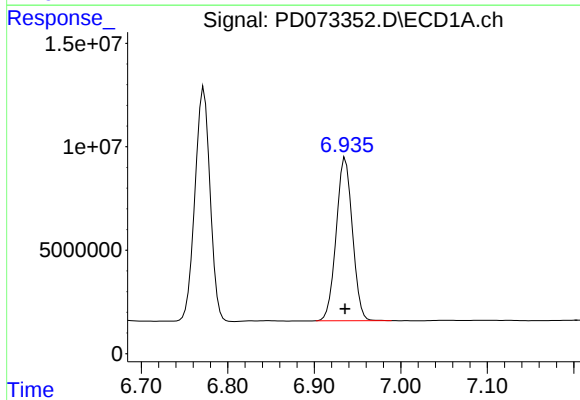
R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 136285768
Conc: 50.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



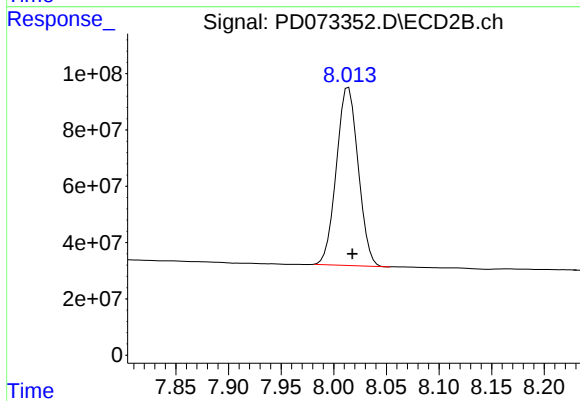
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 1441268745
Conc: 52.49 ng/ml



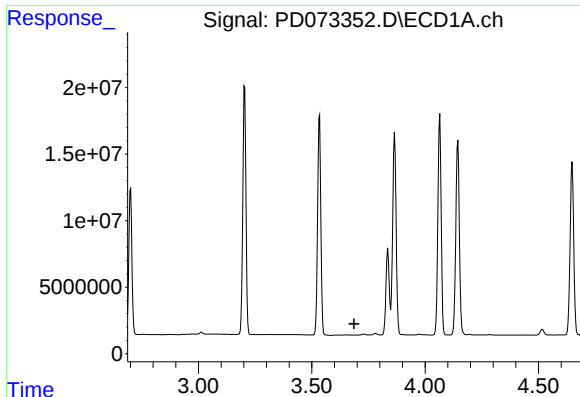
#22 Mirex

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 102182188
Conc: 49.16 ng/ml



#22 Mirex

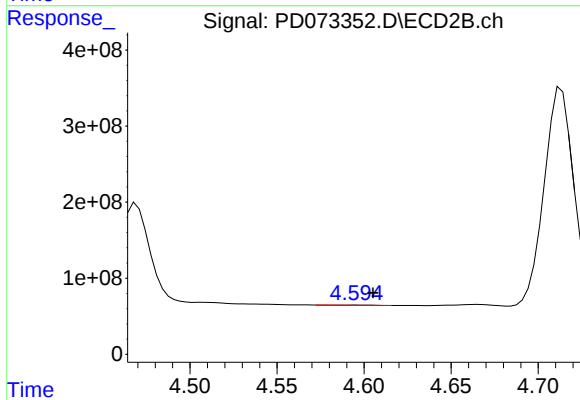
R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 914412729
Conc: 52.28 ng/ml



#23 Chlordane-1

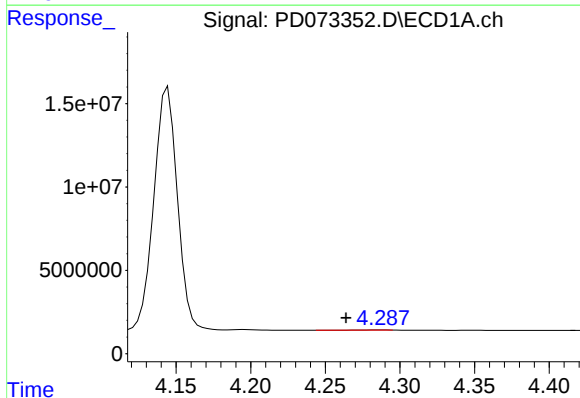
R.T.: 0.000 min
Exp R.T.: 3.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



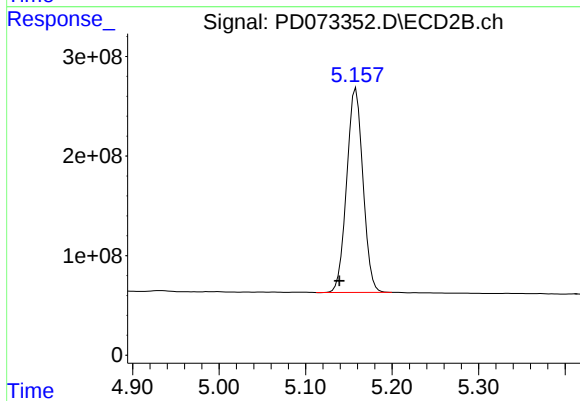
#23 Chlordane-1

R.T.: 4.594 min
Delta R.T.: -0.011 min
Response: 2597255
Conc: 1.03 ng/ml



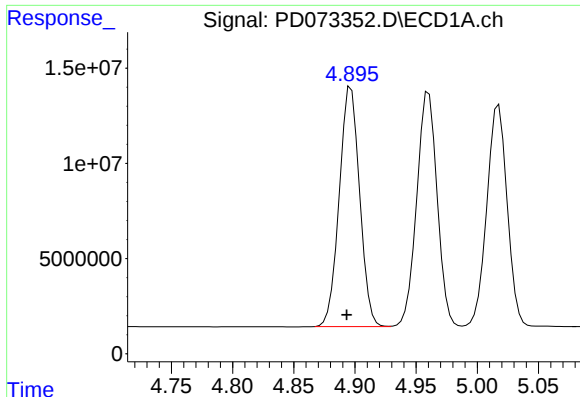
#24 Chlordane-2

R.T.: 4.288 min
Delta R.T.: 0.024 min
Response: 85977
Conc: 0.86 ng/ml



#24 Chlordane-2

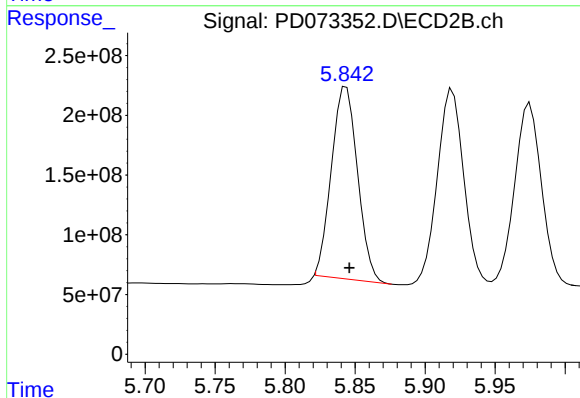
R.T.: 5.158 min
Delta R.T.: 0.019 min
Response: 2668963106
Conc: 1596.47 ng/ml



#25 Chlordane-3

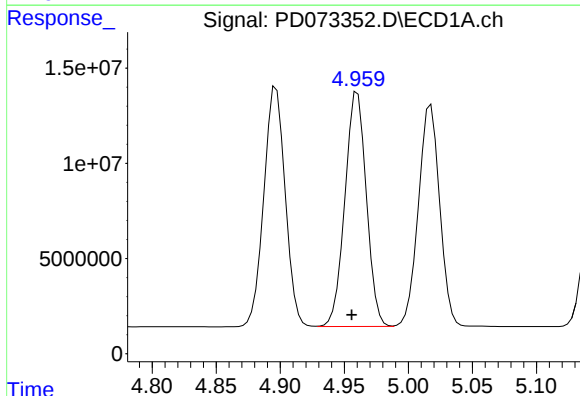
R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 145939741
Conc: 488.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



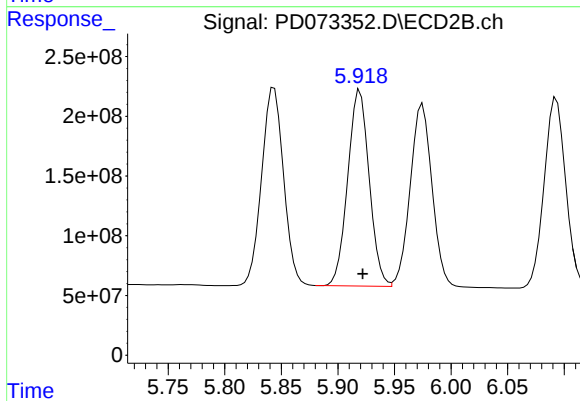
#25 Chlordane-3

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 2078486309
Conc: 358.14 ng/ml



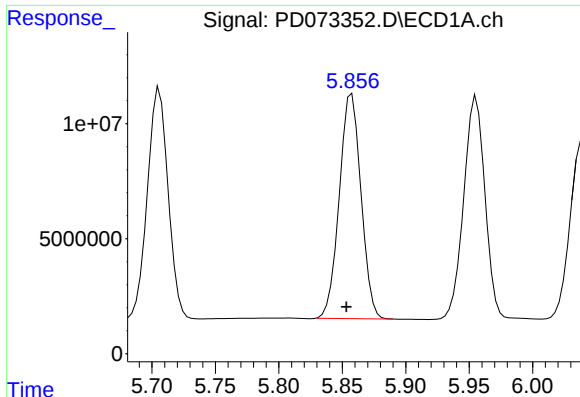
#26 Chlordane-4

R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 143296673
Conc: 474.13 ng/ml



#26 Chlordane-4

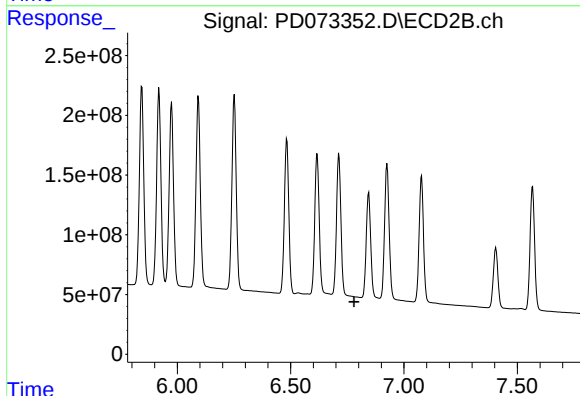
R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2168616863
Conc: 297.93 ng/ml



#27 Chlordane-5

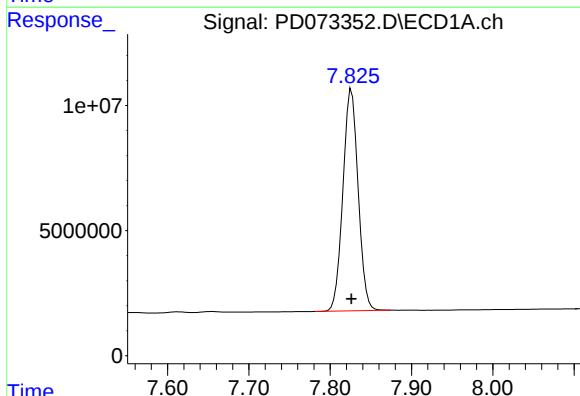
R.T.: 5.857 min
Delta R.T.: 0.004 min
Response: 116162379
Conc: 1287.46 ng/m

Instrument :
ECD_D
ClientSampleId :



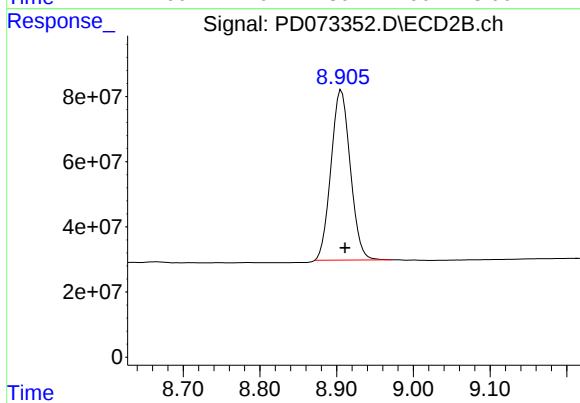
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 115036983
Conc: 47.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 914706837
Conc: 51.89 ng/ml