

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 17:00
 Operator : AR\AJ
 Sample : PB149769BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:22:58 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...	2.700	3.453	62637145	2386.5E6	29.887	24.266
28)	SA Decachlor...	7.826	8.902	84130226	572.1E6	34.747	32.457
Target Compounds							
2)	A alpha-BHC	3.204	3.918	175.1E6	5100.4E6	50.636	38.160
3)	MA gamma-BHC...	3.534	4.251	161.5E6	3842.6E6	58.716	38.944 #
4)	MA Heptachlor	3.865	4.817	173.5E6	2595.7E6	55.448	40.733 #
5)	MB Aldrin	4.144	5.155	156.1E6	2290.9E6	50.389	41.579
6)	B beta-BHC	3.836	4.467	66582934	1196.6E6	52.432	35.314 #
7)	B delta-BHC	4.065	4.710	165.9E6	2795.7E6	52.700	42.133
8)	B Heptachlo...	4.649	5.588	151.7E6	1875.5E6	54.718	42.070
9)	A Endosulfan I	5.018	5.972	142.8E6	1784.5E6	53.965	42.983
10)	B gamma-Chl...	4.897	5.841	156.4E6	1656.0E6	54.817	37.047 #
11)	B alpha-Chl...	4.960	5.916	154.0E6	1871.2E6	54.674	42.759
12)	B 4,4'-DDE	5.148	6.090	150.1E6	1867.6E6	55.421	44.193
13)	MA Dieldrin	5.283	6.248	158.2E6	1828.6E6	56.073	43.528
14)	MA Endrin	5.560	6.480	143.5E6	1446.4E6	55.898	44.026
15)	B Endosulfa...	5.858	6.710	131.3E6	1489.7E6	55.573	46.894
16)	A 4,4'-DDD	5.706	6.615	126.6E6	1321.2E6	56.132	42.288
17)	MA 4,4'-DDT	5.955	6.923	128.2E6	1465.5E6	57.879	48.496
18)	B Endrin al...	6.039	6.841	104.3E6	1168.4E6	55.402	49.841
19)	B Endosulfa...	6.262	7.074	130.9E6	1330.5E6	55.082	48.629
20)	A Methoxychlor	6.537	7.403	79785946	693.4E6	59.863	51.228
21)	B Endrin ke...	6.771	7.564	147.3E6	1379.8E6	54.221	50.254
22)	Mirex	6.936	8.011	115.1E6	871.9E6	55.395	49.852
23)	Chlordane-1	0.000	4.608	0	1105490	N.D.	0.437 #
24)	Chlordane-2	4.288f	5.155f	208127	2290.9E6	2.088	1370.356 #
25)	Chlordane-3	4.897	5.841	156.4E6	1656.0E6	523.976	285.340 #
26)	Chlordane-4	4.960	5.916	154.0E6	1871.2E6	509.635	257.068 #
27)	Chlordane-5	5.858	0.000	131.3E6	0	1455.201	N.D. #

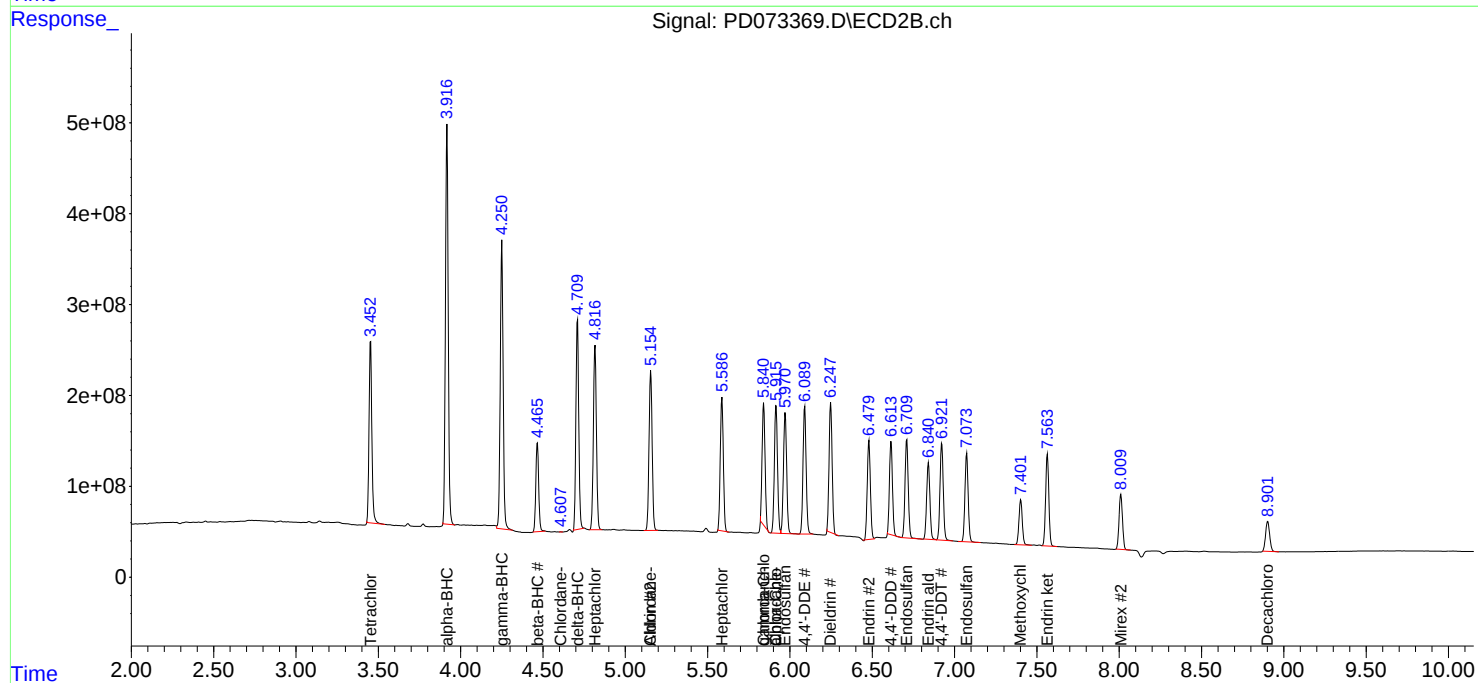
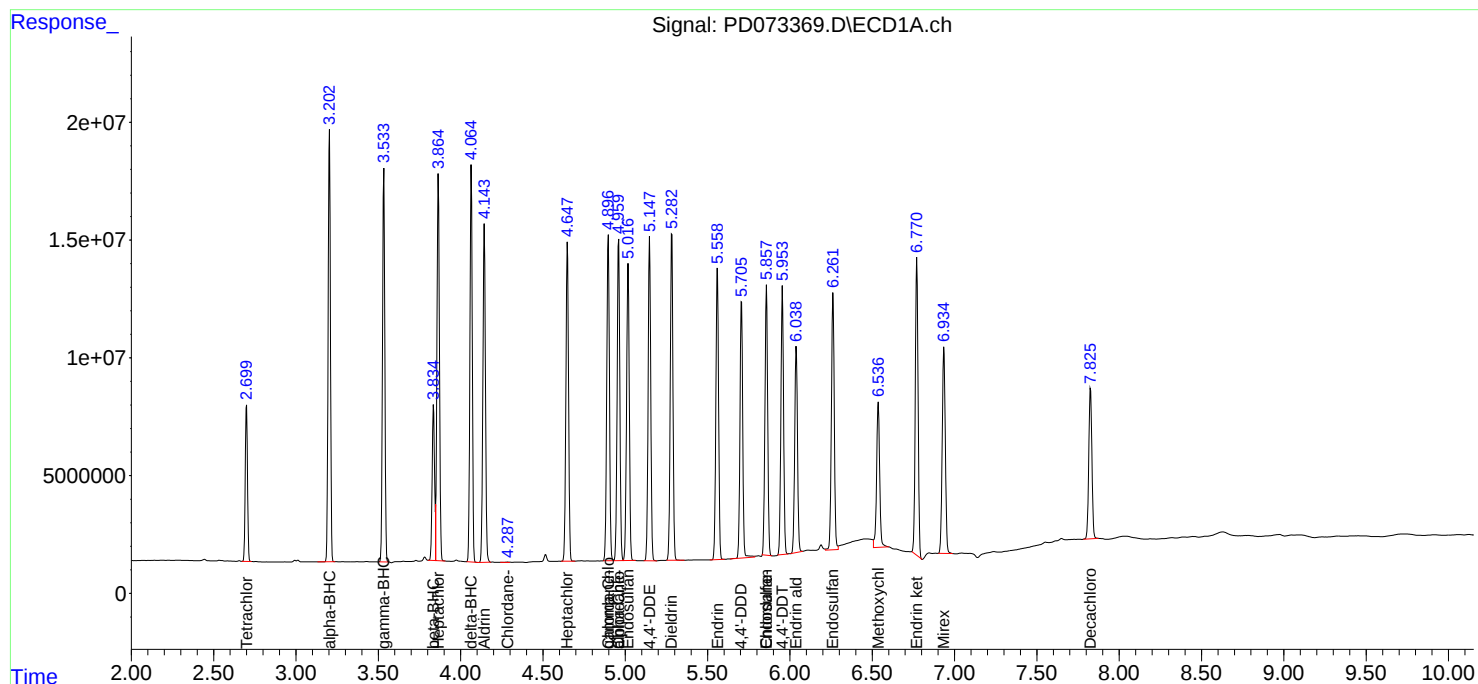
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

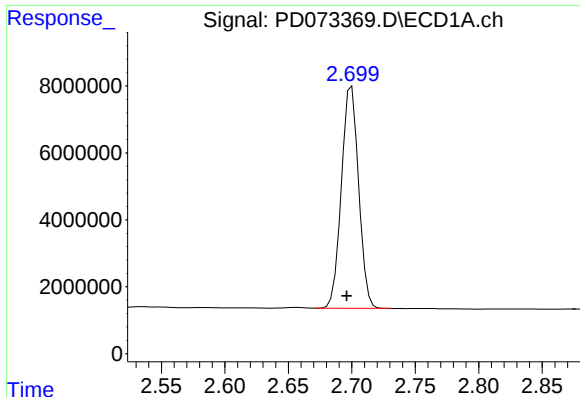
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
Data File : PD073369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2022 17:00
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Quant Time: Dec 20 20:22:58 2022
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

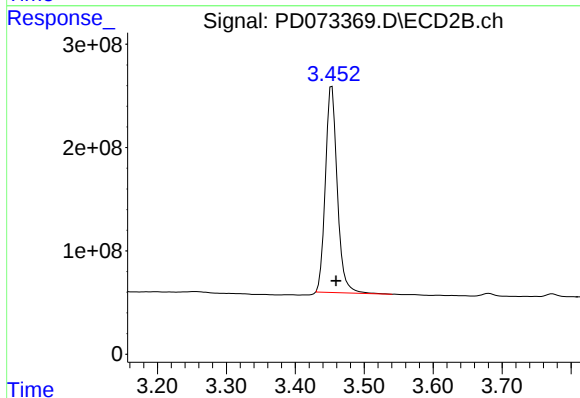




#1 Tetrachloro-m-xylene

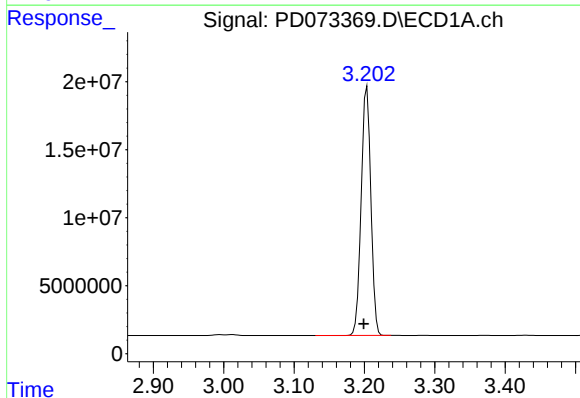
R.T.: 2.700 min
Delta R.T.: 0.004 min
Response: 62637145
Conc: 29.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



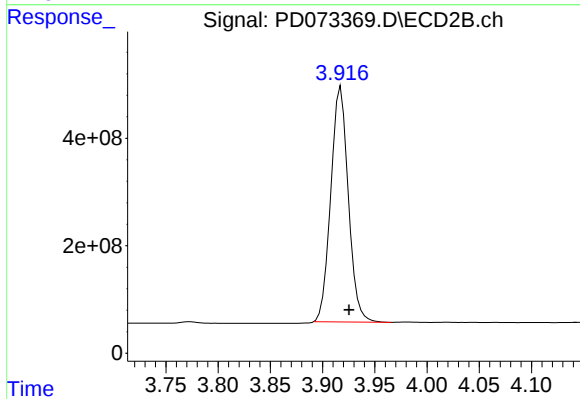
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: -0.006 min
Response: 2386471647
Conc: 24.27 ng/ml



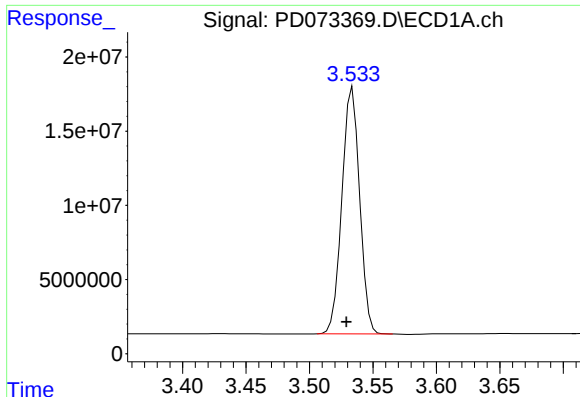
#2 alpha-BHC

R.T.: 3.204 min
Delta R.T.: 0.005 min
Response: 175145079
Conc: 50.64 ng/ml



#2 alpha-BHC

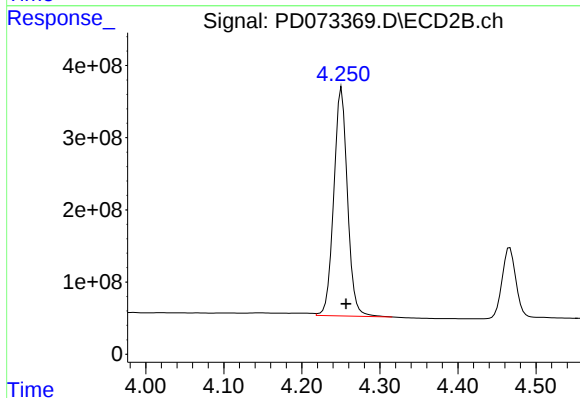
R.T.: 3.918 min
Delta R.T.: -0.008 min
Response: 5100372015
Conc: 38.16 ng/ml



#3 gamma-BHC (Lindane)

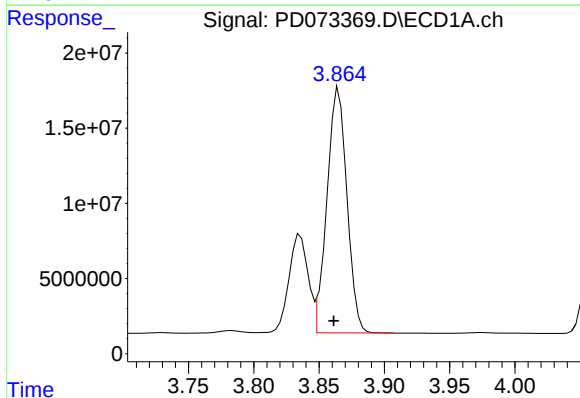
R.T.: 3.534 min
Delta R.T.: 0.005 min
Response: 161451264
Conc: 58.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



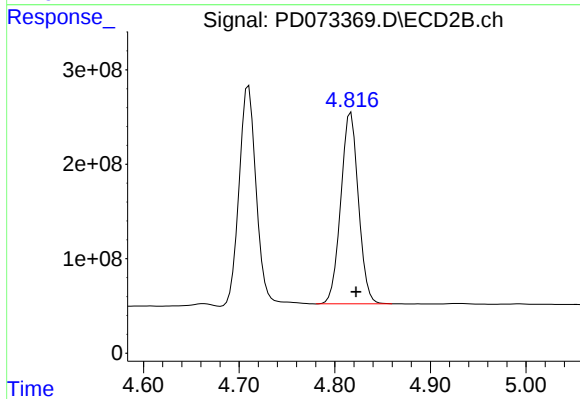
#3 gamma-BHC (Lindane)

R.T.: 4.251 min
Delta R.T.: -0.006 min
Response: 3842561750
Conc: 38.94 ng/ml



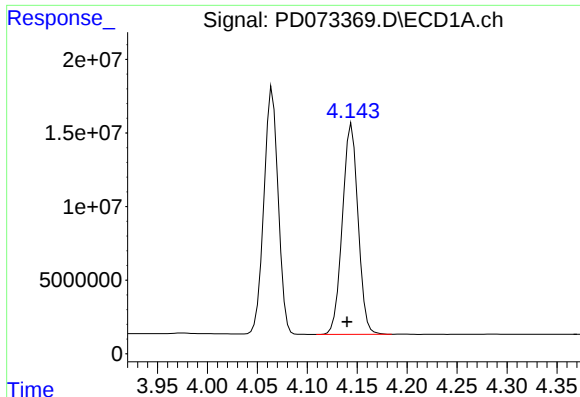
#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.004 min
Response: 173456068
Conc: 55.45 ng/ml



#4 Heptachlor

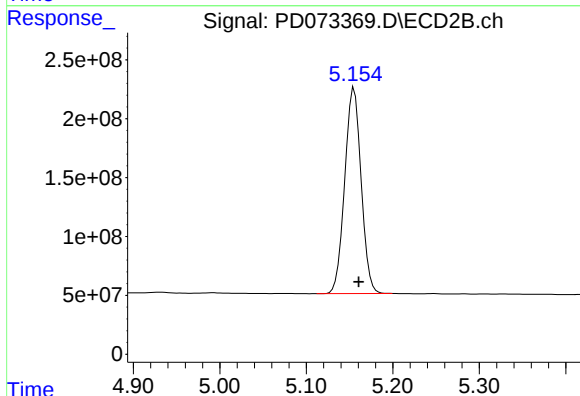
R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 2595697310
Conc: 40.73 ng/ml



#5 Aldrin

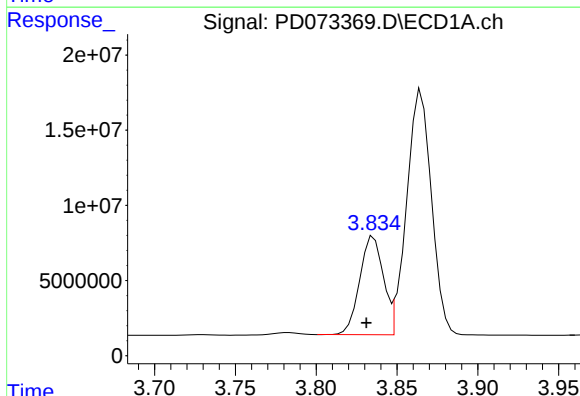
R.T.: 4.144 min
Delta R.T.: 0.005 min
Response: 156112475
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



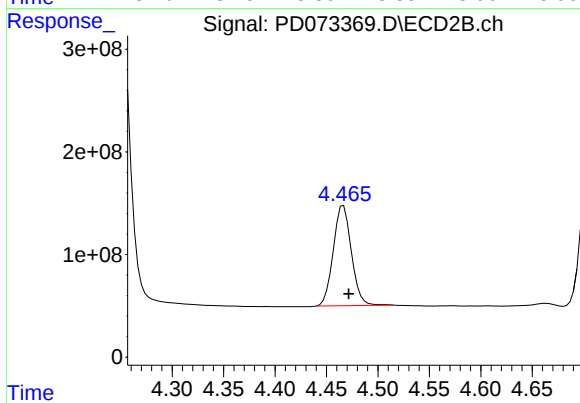
#5 Aldrin

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 2290945708
Conc: 41.58 ng/ml



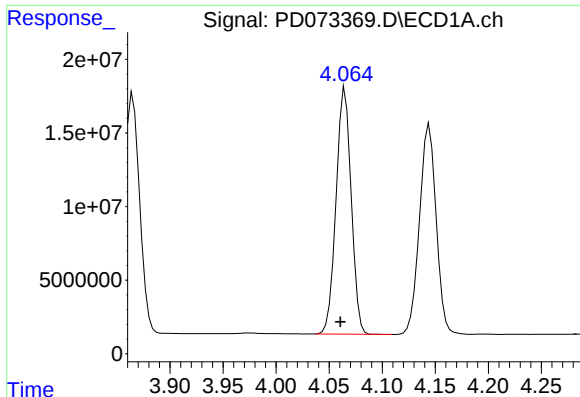
#6 beta-BHC

R.T.: 3.836 min
Delta R.T.: 0.004 min
Response: 66582934
Conc: 52.43 ng/ml



#6 beta-BHC

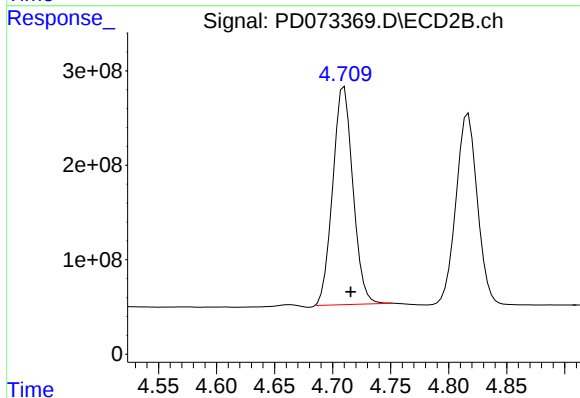
R.T.: 4.467 min
Delta R.T.: -0.005 min
Response: 1196613462
Conc: 35.31 ng/ml



#7 delta-BHC

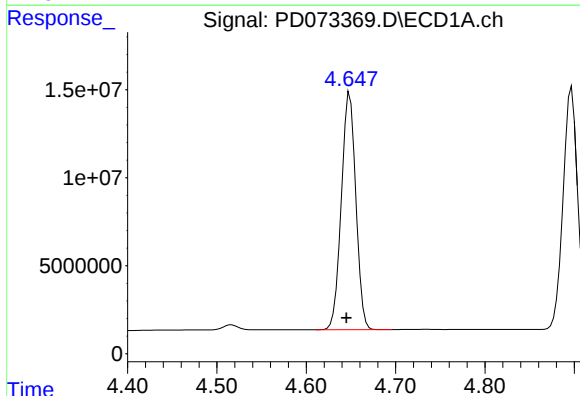
R.T.: 4.065 min
Delta R.T.: 0.005 min
Response: 165921806
Conc: 52.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



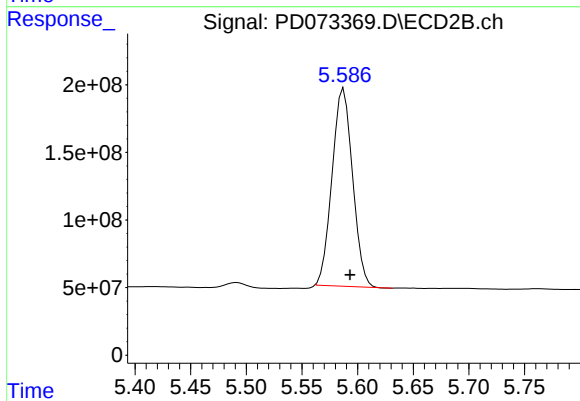
#7 delta-BHC

R.T.: 4.710 min
Delta R.T.: -0.006 min
Response: 2795660172
Conc: 42.13 ng/ml



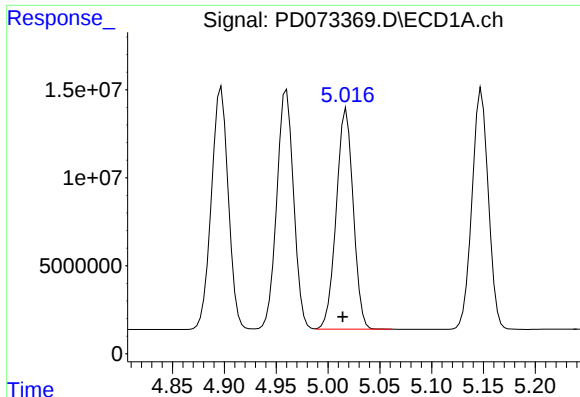
#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: 0.004 min
Response: 151657071
Conc: 54.72 ng/ml



#8 Heptachlor epoxide

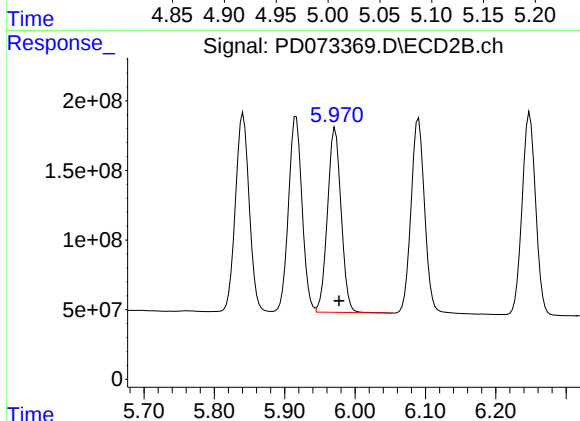
R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 1875461471
Conc: 42.07 ng/ml



#9 Endosulfan I

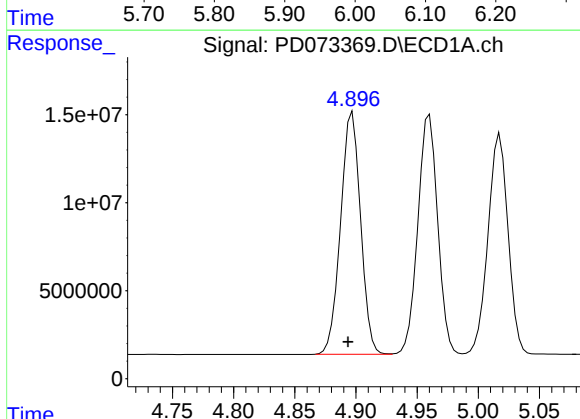
R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 142821208
Conc: 53.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



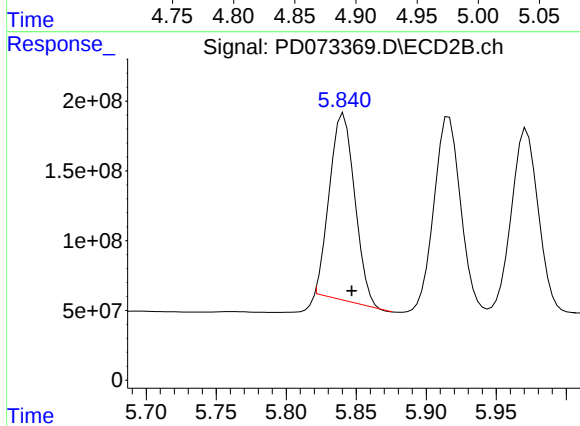
#9 Endosulfan I

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 1784486604
Conc: 42.98 ng/ml



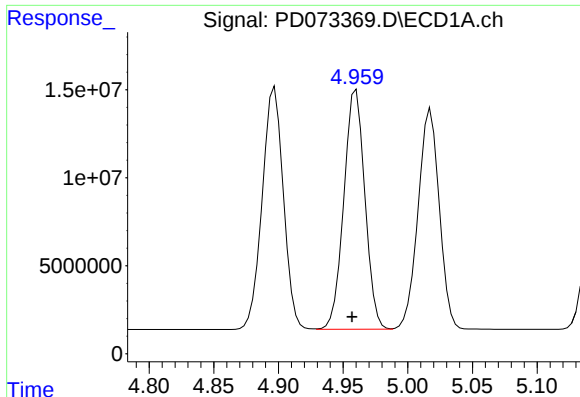
#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.004 min
Response: 156412146
Conc: 54.82 ng/ml



#10 gamma-Chlordane

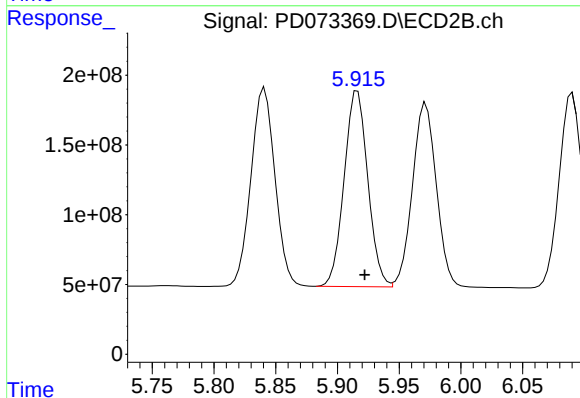
R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 1655990440
Conc: 37.05 ng/ml



#11 alpha-Chlordane

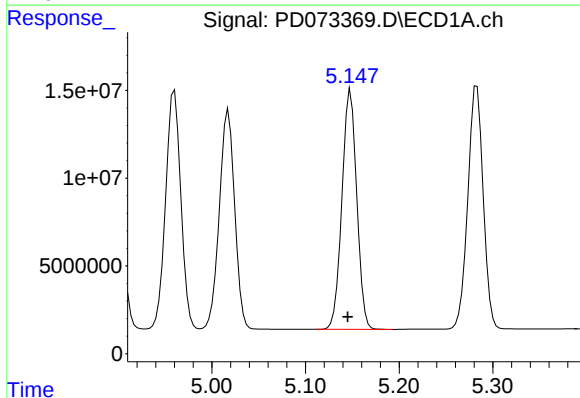
R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 154028698
Conc: 54.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



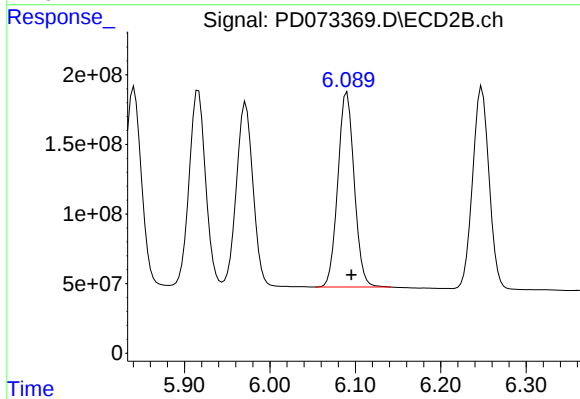
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.006 min
Response: 1871196440
Conc: 42.76 ng/ml



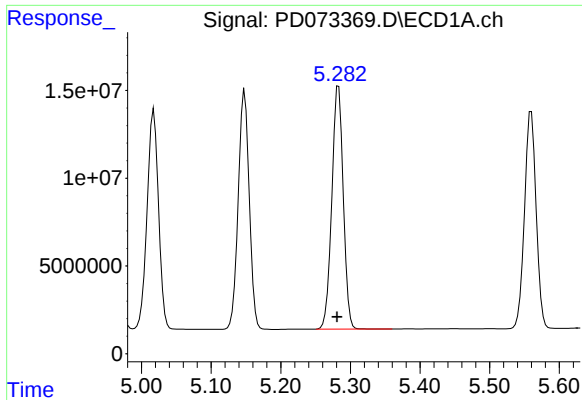
#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: 0.003 min
Response: 150068667
Conc: 55.42 ng/ml



#12 4,4'-DDE

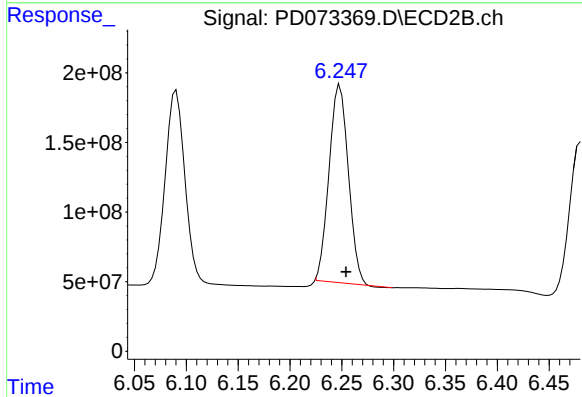
R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 1867631105
Conc: 44.19 ng/ml



#13 Dieldrin

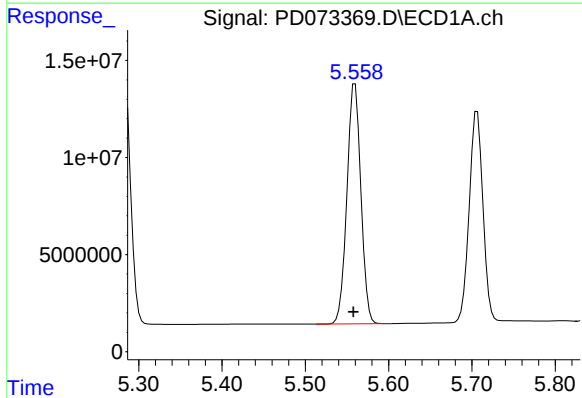
R.T.: 5.283 min
Delta R.T.: 0.002 min
Response: 158238299
Conc: 56.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



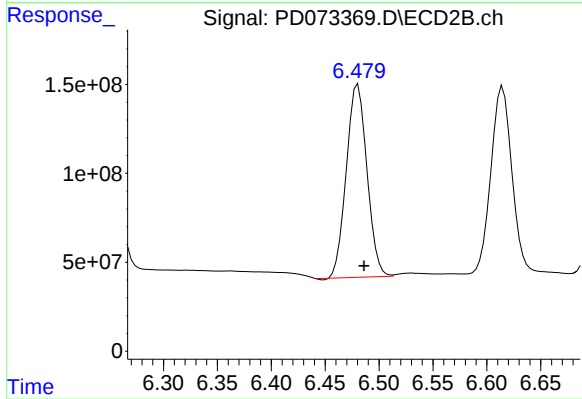
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 1828610881
Conc: 43.53 ng/ml



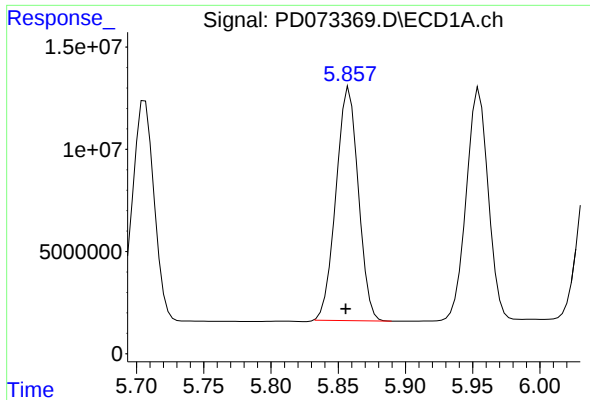
#14 Endrin

R.T.: 5.560 min
Delta R.T.: 0.002 min
Response: 143527446
Conc: 55.90 ng/ml



#14 Endrin

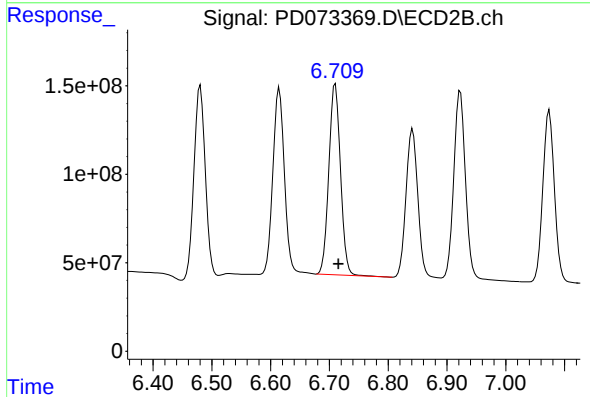
R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 1446412931
Conc: 44.03 ng/ml



#15 Endosulfan II

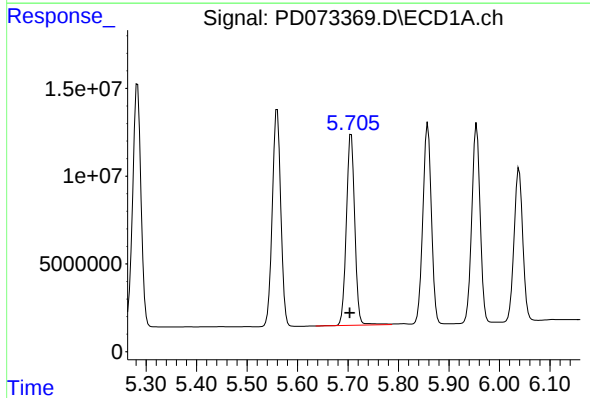
R.T.: 5.858 min
Delta R.T.: 0.002 min
Response: 131297124
Conc: 55.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



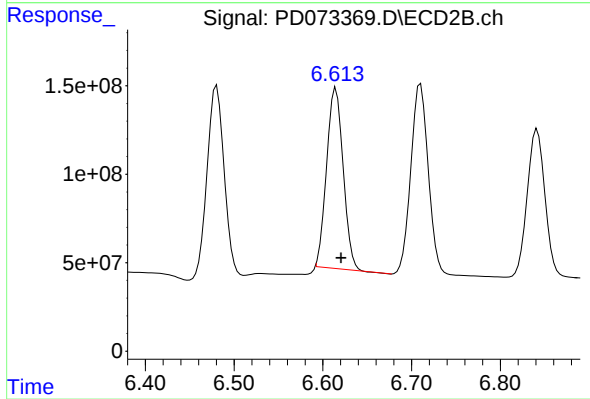
#15 Endosulfan II

R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 1489690625
Conc: 46.89 ng/ml



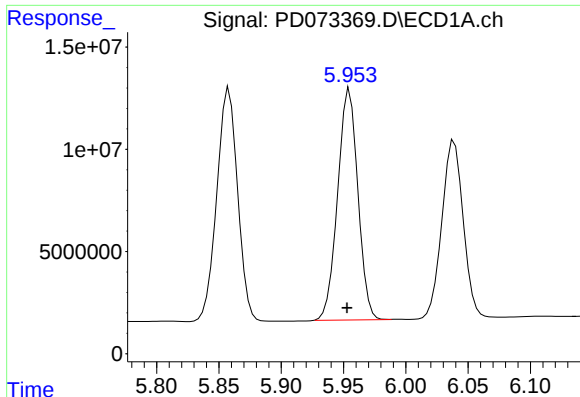
#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.003 min
Response: 126602756
Conc: 56.13 ng/ml



#16 4,4'-DDD

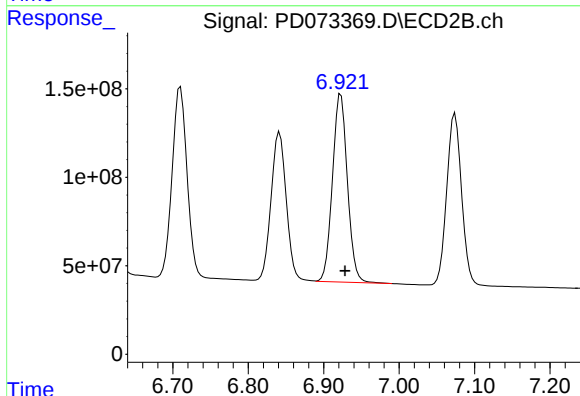
R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 1321199959
Conc: 42.29 ng/ml



#17 4,4'-DDT

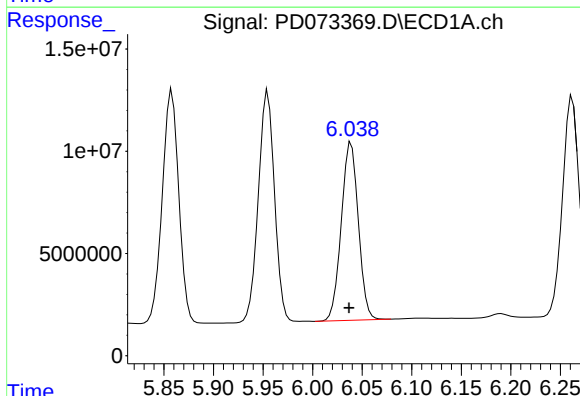
R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 128210937
Conc: 57.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



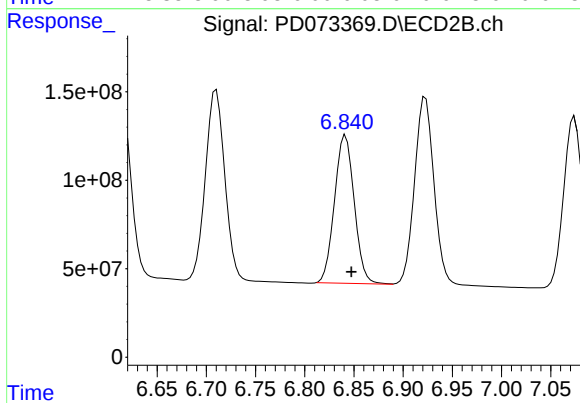
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1465520095
Conc: 48.50 ng/ml



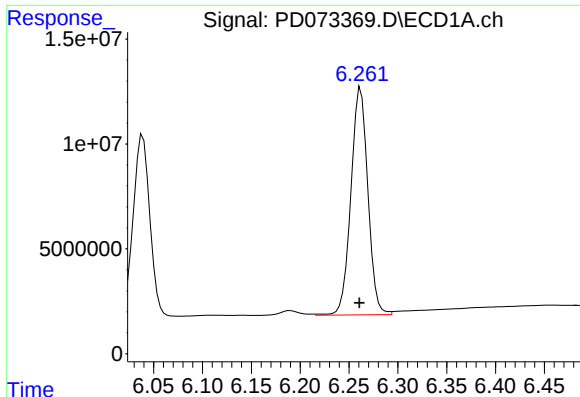
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.002 min
Response: 104283596
Conc: 55.40 ng/ml



#18 Endrin aldehyde

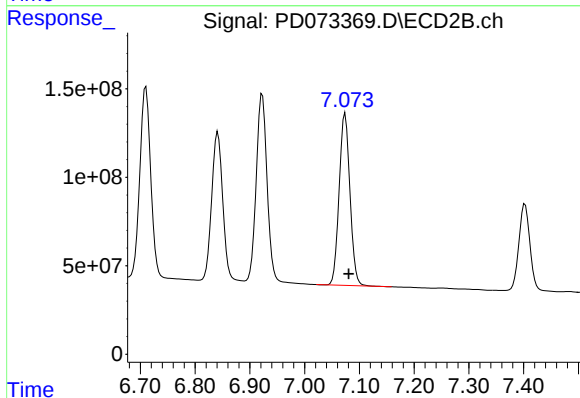
R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 1168420667
Conc: 49.84 ng/ml



#19 Endosulfan Sulfate

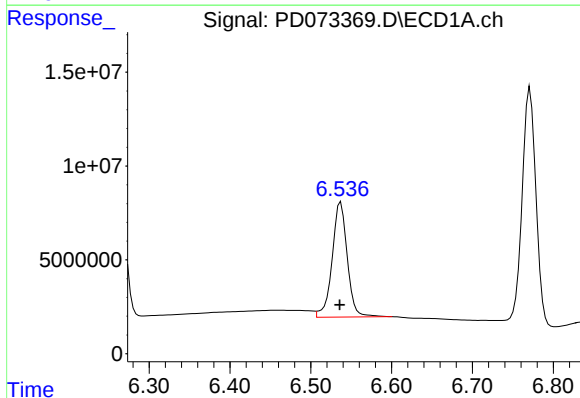
R.T.: 6.262 min
Delta R.T.: 0.001 min
Response: 130920883
Conc: 55.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



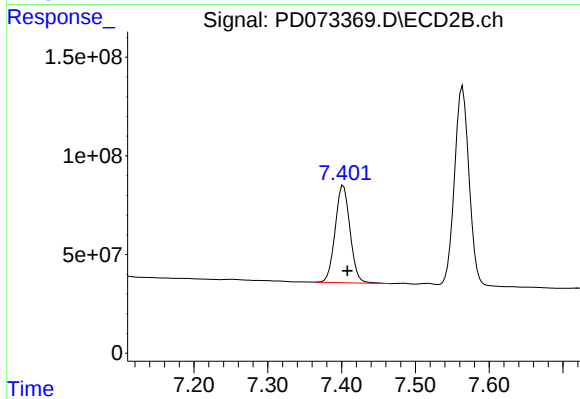
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.006 min
Response: 1330489722
Conc: 48.63 ng/ml



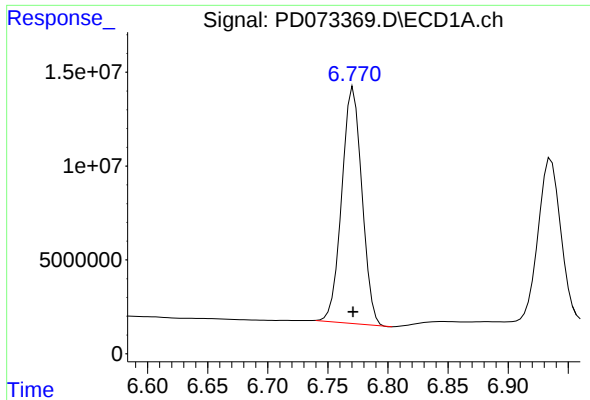
#20 Methoxychlor

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 79785946
Conc: 59.86 ng/ml



#20 Methoxychlor

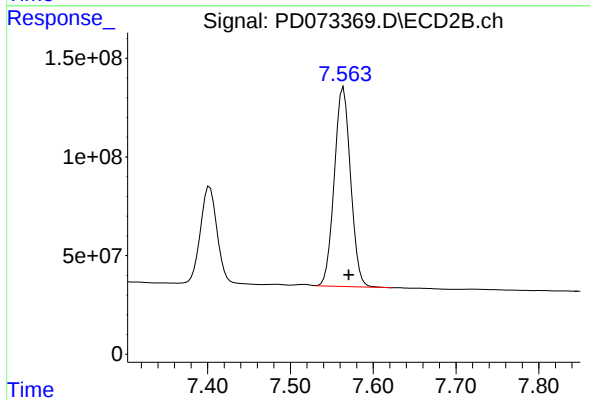
R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 693393374
Conc: 51.23 ng/ml



#21 Endrin ketone

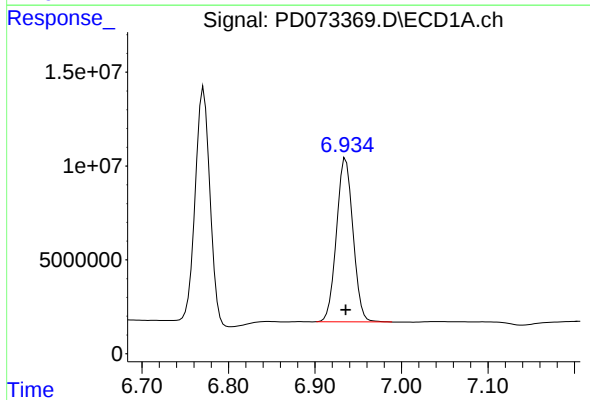
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 147343372
Conc: 54.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



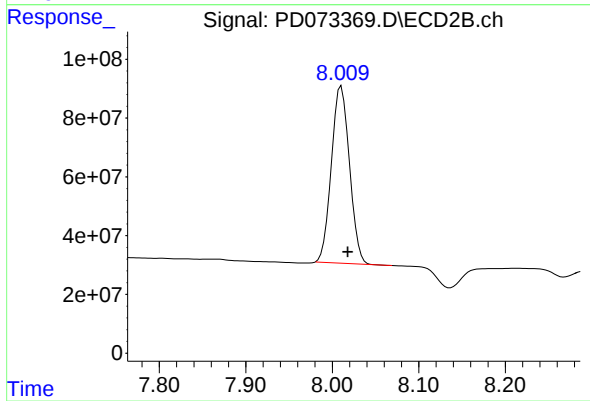
#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: -0.006 min
Response: 1379799312
Conc: 50.25 ng/ml



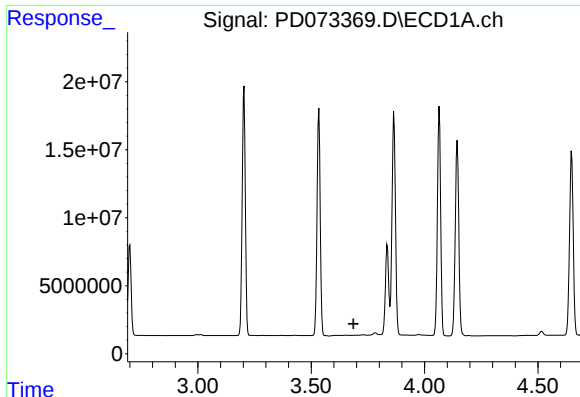
#22 Mirex

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 115145544
Conc: 55.39 ng/ml



#22 Mirex

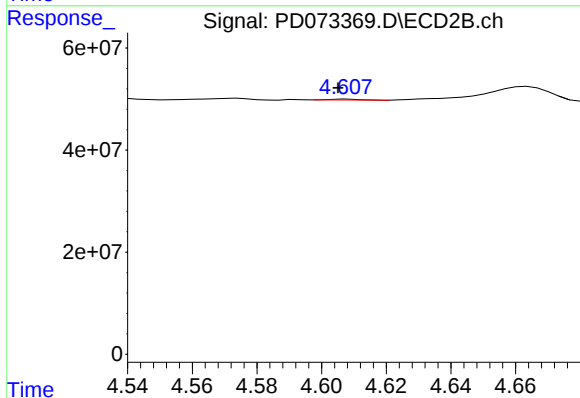
R.T.: 8.011 min
Delta R.T.: -0.007 min
Response: 871929645
Conc: 49.85 ng/ml



#23 Chlordane-1

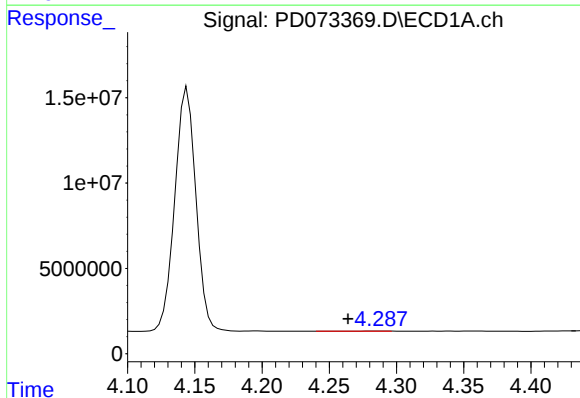
R.T.: 0.000 min
Exp R.T.: 3.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



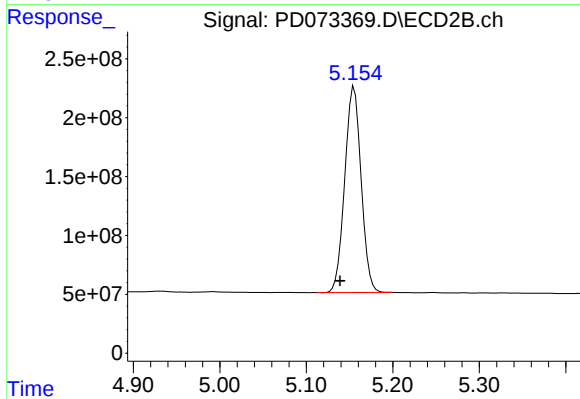
#23 Chlordane-1

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 1105490
Conc: 0.44 ng/ml



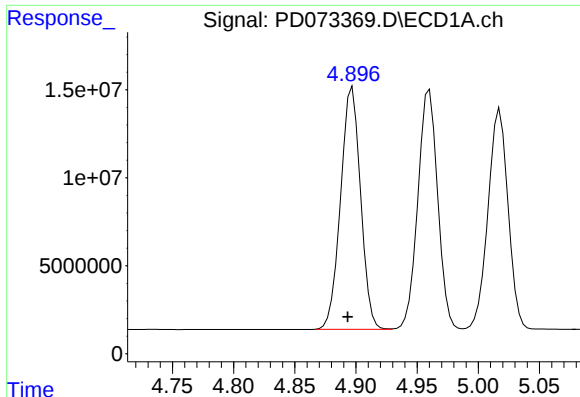
#24 Chlordane-2

R.T.: 4.288 min
Delta R.T.: 0.024 min
Response: 208127
Conc: 2.09 ng/ml



#24 Chlordane-2

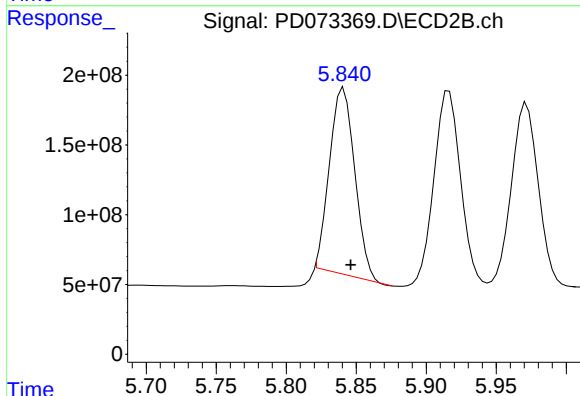
R.T.: 5.155 min
Delta R.T.: 0.016 min
Response: 2290945708
Conc: 1370.36 ng/ml



#25 Chlordane-3

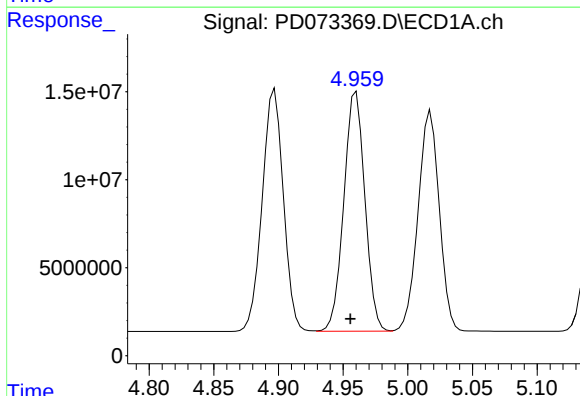
R.T.: 4.897 min
Delta R.T.: 0.004 min
Response: 156412146
Conc: 523.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



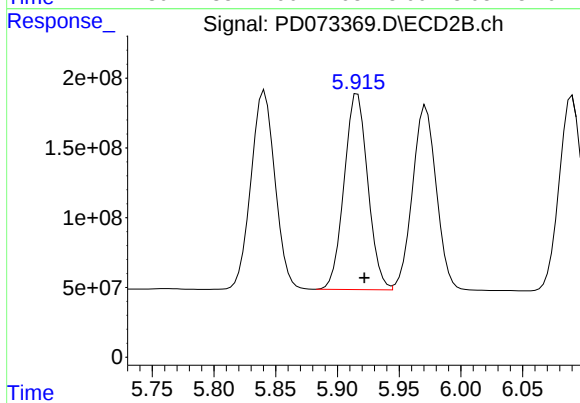
#25 Chlordane-3

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 1655990440
Conc: 285.34 ng/ml



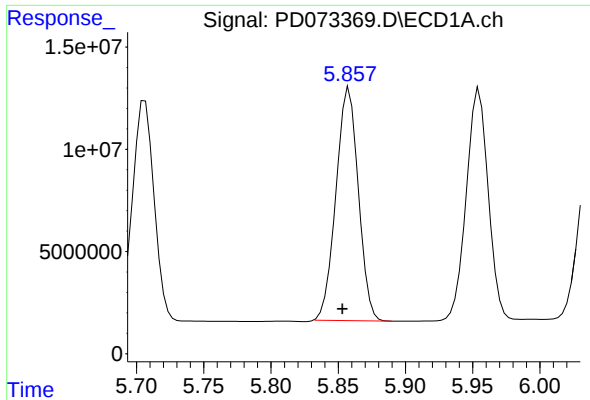
#26 Chlordane-4

R.T.: 4.960 min
Delta R.T.: 0.004 min
Response: 154028698
Conc: 509.63 ng/ml



#26 Chlordane-4

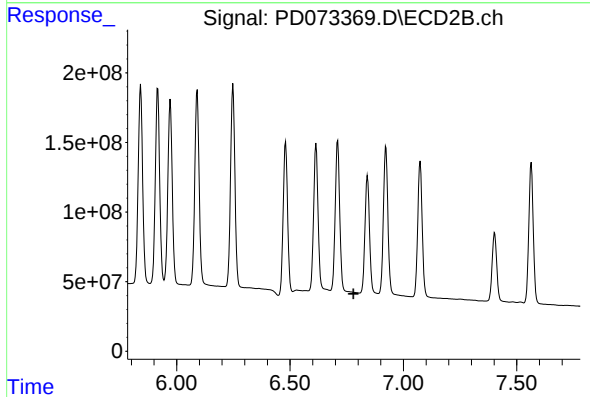
R.T.: 5.916 min
Delta R.T.: -0.006 min
Response: 1871196440
Conc: 257.07 ng/ml



#27 Chlordane-5

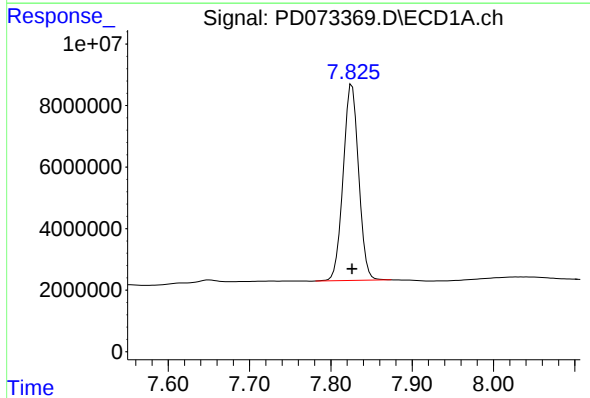
R.T.: 5.858 min
Delta R.T.: 0.005 min
Response: 131297124
Conc: 1455.20 ng/m

Instrument :
ECD_D
ClientSampleId :



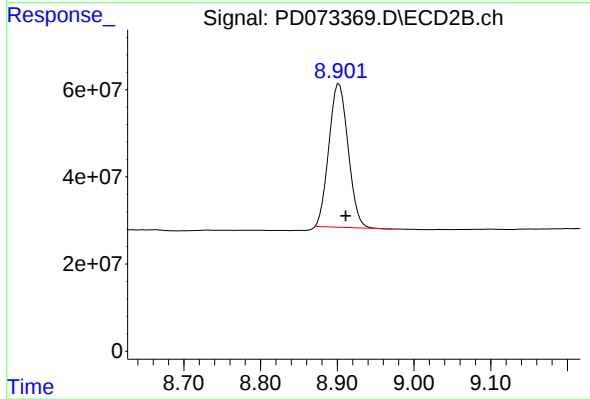
#27 Chlordane-5

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: 84130226
Conc: 34.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.009 min
Response: 572133631
Conc: 32.46 ng/ml