

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092022\
 Data File : PD071947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2022 10:24
 Operator : AR\AJ
 Sample : PB147681BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 23:16:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.812	3.563	45902129	627.8E6	18.772	21.877
28)	SA Decachlor...	8.002	9.092	42618586	190.1E6	16.917	20.449
Target Compounds							
2)	A alpha-BHC	3.322	4.030	207.8E6	2217.2E6	53.916	55.251
3)	MA gamma-BHC...	3.656	4.366	187.7E6	1800.1E6	53.458	54.828
4)	MA Heptachlor	4.002	4.944	191.9E6	1331.7E6	51.321	55.116
5)	MB Aldrin	4.286	5.286	197.6E6	1143.6E6	53.966	56.411
6)	B beta-BHC	3.955	4.573	74520386	676.7E6	49.185	51.198
7)	B delta-BHC	4.188	4.821	182.3E6	1295.9E6	51.724	55.442
8)	B Heptachlo...	4.792	5.718	167.7E6	881.5E6	51.297	57.166
9)	A Endosulfan I	5.166	6.106	153.7E6	826.7E6	48.357	56.076
10)	B gamma-Chl...	5.045	5.972	171.7E6	907.5E6	50.942	56.478
11)	B alpha-Chl...	5.110	6.050	168.3E6	890.7E6	50.727	57.090
12)	B 4,4'-DDE	5.301	6.223	157.9E6	839.7E6	51.614	57.003
13)	MA Dieldrin	5.433	6.383	171.3E6	891.9E6	51.202	58.847
14)	MA Endrin	5.710	6.616	152.6E6	765.1E6	51.494	60.575
15)	B Endosulfa...	6.005	6.842	138.6E6	717.8E6	50.319	57.970
16)	A 4,4'-DDD	5.859	6.747	126.1E6	693.6E6	49.726	58.356
17)	MA 4,4'-DDT	6.112	7.059	138.2E6	719.0E6	52.491	58.200
18)	B Endrin al...	6.186	6.972	110.2E6	572.4E6	49.843	59.289
19)	B Endosulfa...	6.410	7.206	130.0E6	645.9E6	48.472	57.915
20)	A Methoxychlor	6.691	7.535	74705895	358.5E6	49.892	58.973
21)	B Endrin ke...	6.919	7.697	147.3E6	702.8E6	49.104	56.507
22)	Mirex	7.105	8.159	114.0E6	480.0E6	48.371	55.422
23)	Chlordane-1	3.838f	0.000	594377	0	5.844	N.D. #
24)	Chlordane-2	4.383f	5.286f	1325346	1143.6E6	10.861	1654.094 #
25)	Chlordane-3	5.045	5.972	171.7E6	907.5E6	505.037	413.086
26)	Chlordane-4	5.110	6.050	168.3E6	890.7E6	535.810	346.637 #
27)	Chlordane-5	6.005	6.929f	138.6E6	-1134135	1110.965	N.D. #

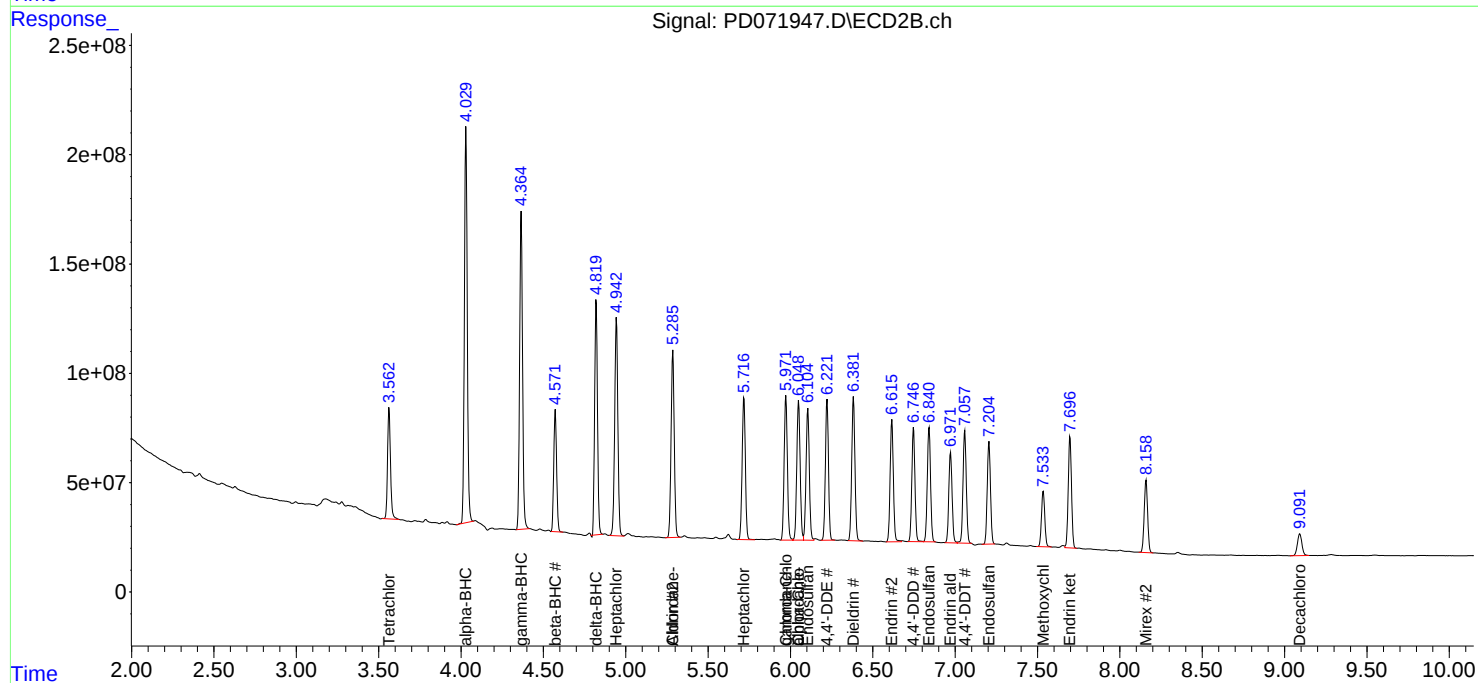
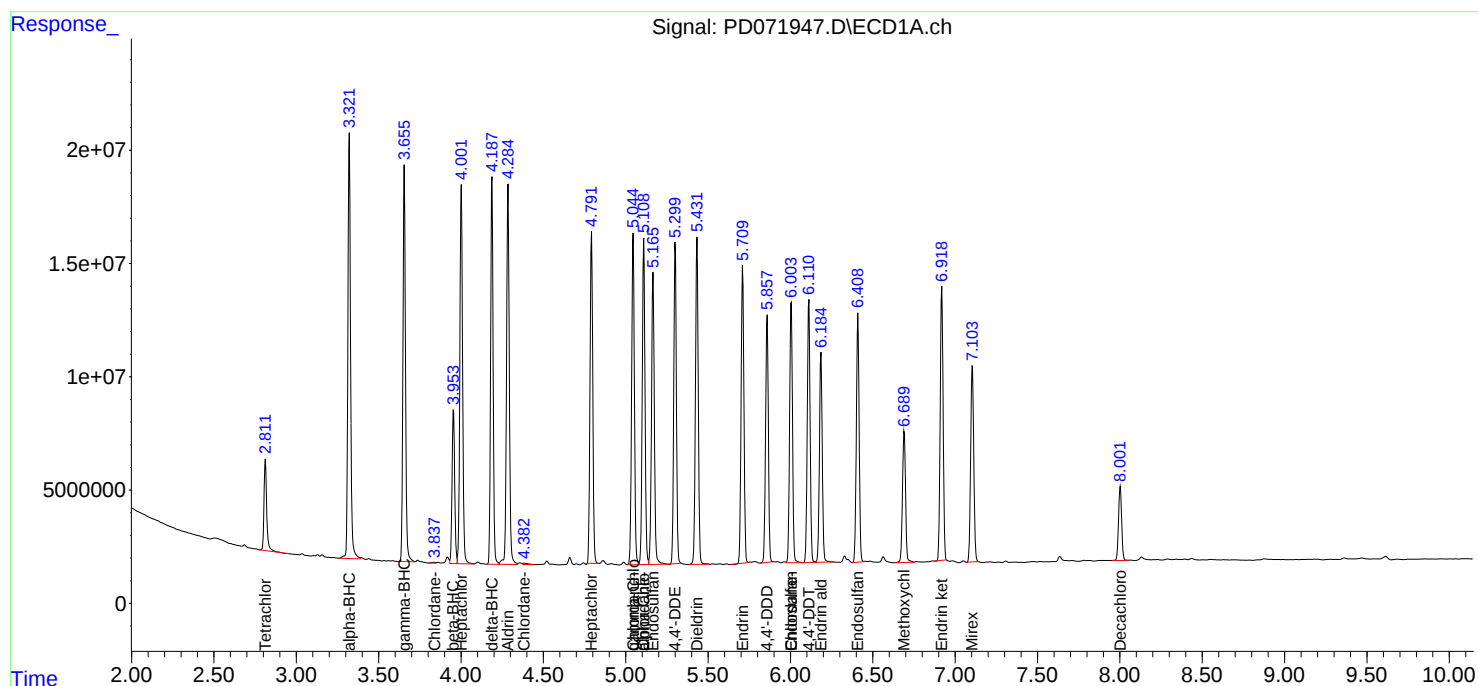
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

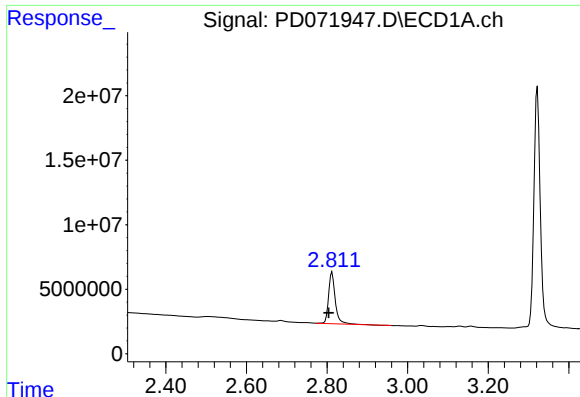
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091022\
Data File : PD071947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2022 10:24
Operator : AR\AJ
Sample : PB147681BS
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Sep 19 23:16:53 2022
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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

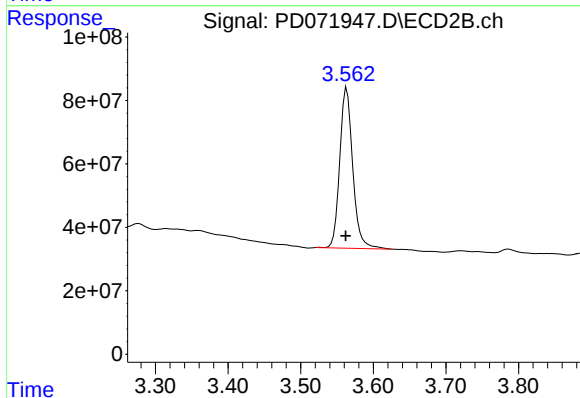




#1 Tetrachloro-m-xylene

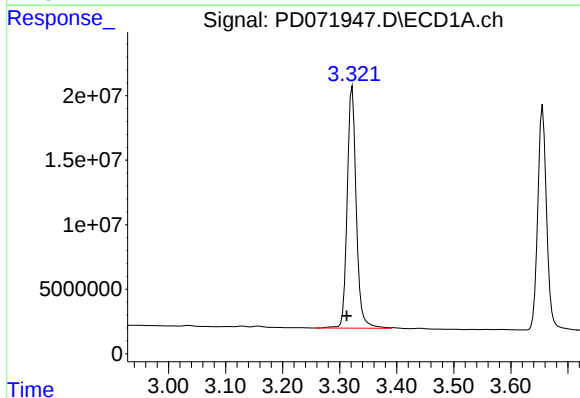
R.T.: 2.812 min
Delta R.T.: 0.008 min
Response: 45902129
Conc: 18.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



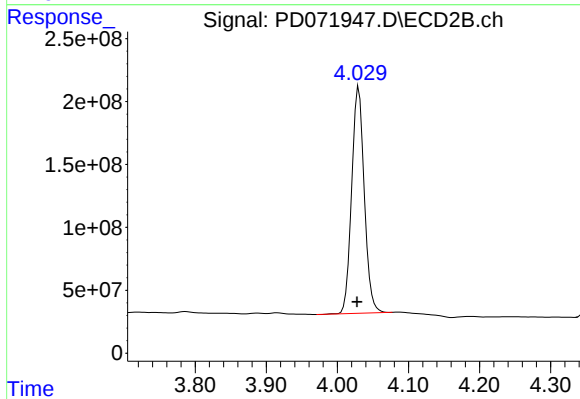
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.001 min
Response: 627782928
Conc: 21.88 ng/ml



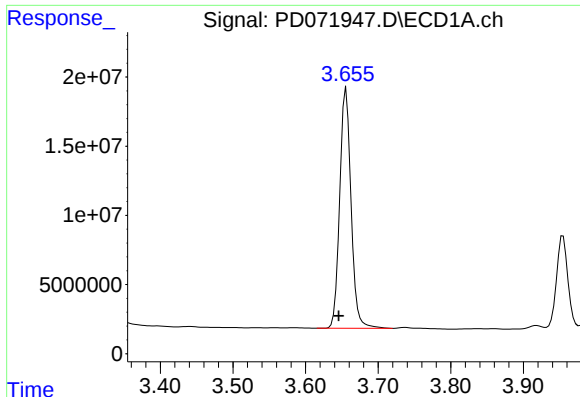
#2 alpha-BHC

R.T.: 3.322 min
Delta R.T.: 0.010 min
Response: 207781170
Conc: 53.92 ng/ml



#2 alpha-BHC

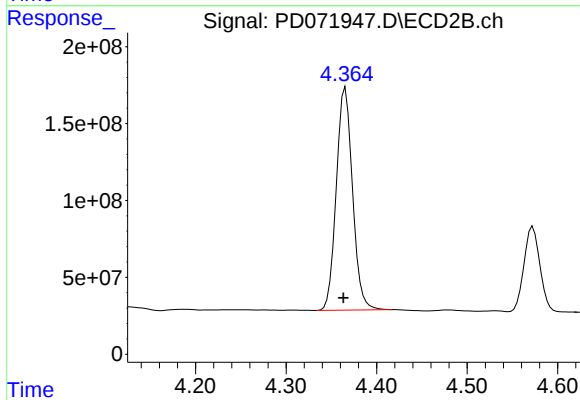
R.T.: 4.030 min
Delta R.T.: 0.002 min
Response: 2217182025
Conc: 55.25 ng/ml



#3 gamma-BHC (Lindane)

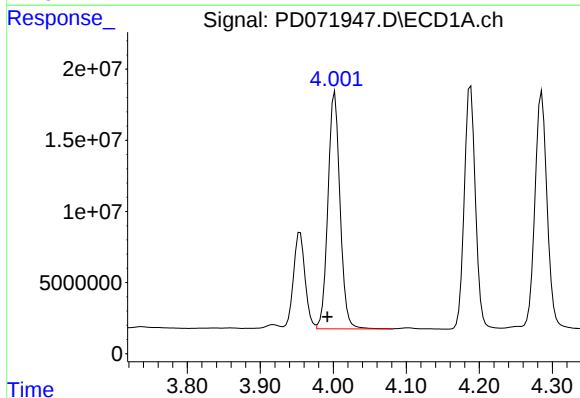
R.T.: 3.656 min
Delta R.T.: 0.010 min
Response: 187699199
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



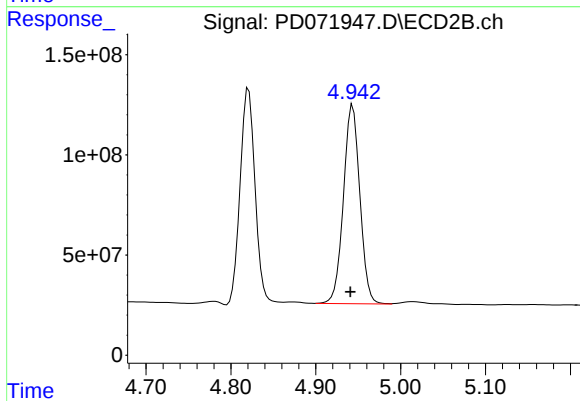
#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 1800128482
Conc: 54.83 ng/ml



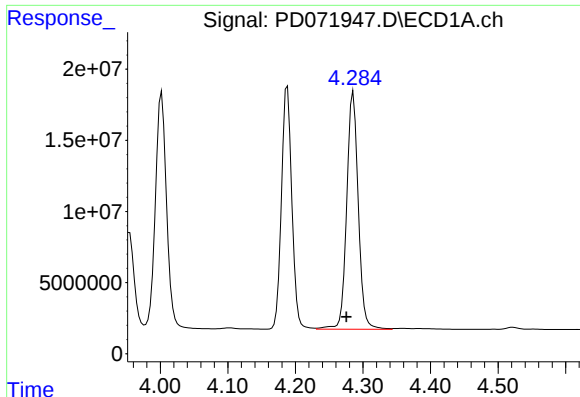
#4 Heptachlor

R.T.: 4.002 min
Delta R.T.: 0.010 min
Response: 191875896
Conc: 51.32 ng/ml



#4 Heptachlor

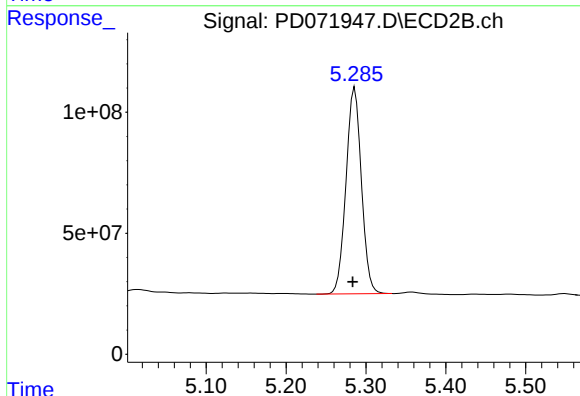
R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 1331724644
Conc: 55.12 ng/ml



#5 Aldrin

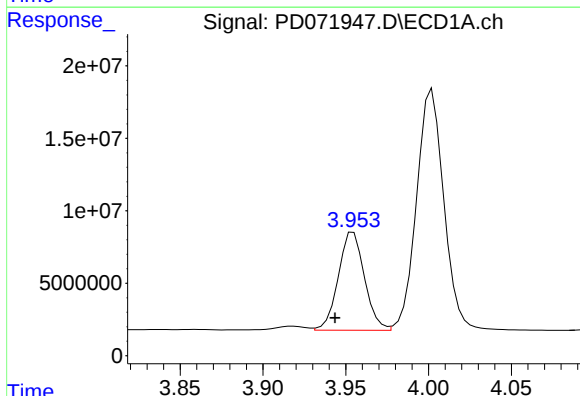
R.T.: 4.286 min
Delta R.T.: 0.010 min
Response: 197616057
Conc: 53.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



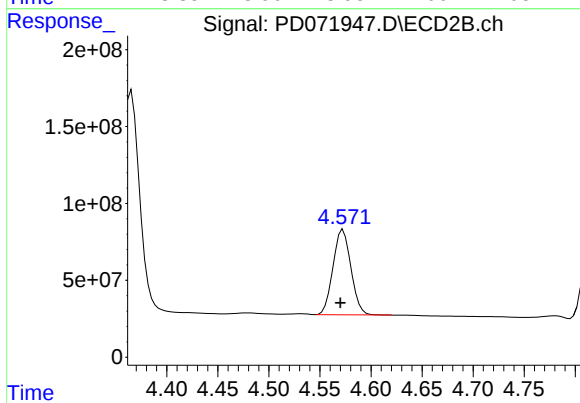
#5 Aldrin

R.T.: 5.286 min
Delta R.T.: 0.003 min
Response: 1143572918
Conc: 56.41 ng/ml



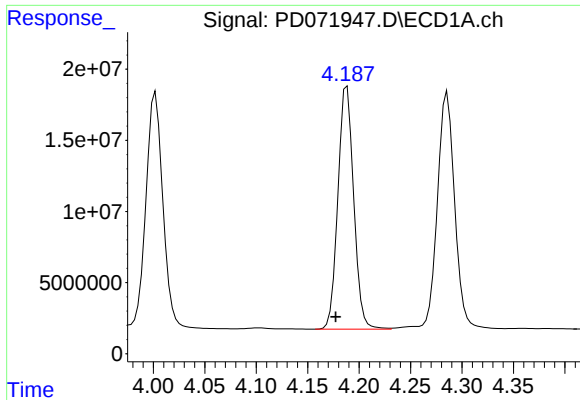
#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.011 min
Response: 74520386
Conc: 49.19 ng/ml



#6 beta-BHC

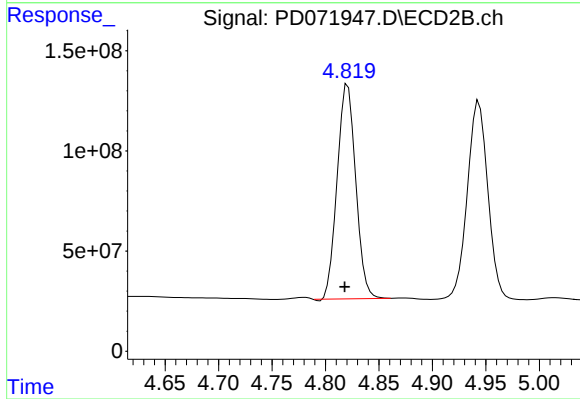
R.T.: 4.573 min
Delta R.T.: 0.003 min
Response: 676664855
Conc: 51.20 ng/ml



#7 delta-BHC

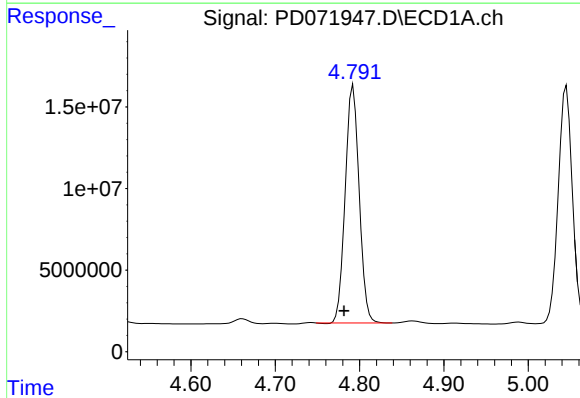
R.T.: 4.188 min
Delta R.T.: 0.011 min
Response: 182281788
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



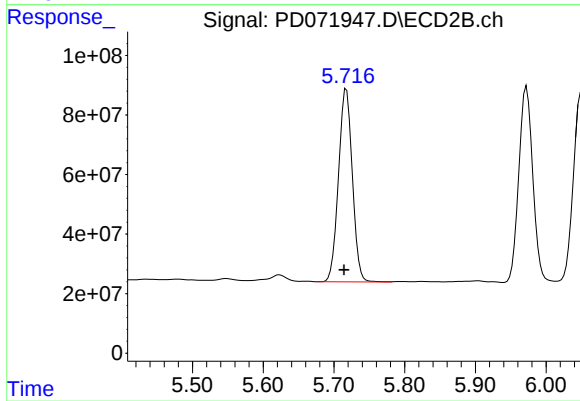
#7 delta-BHC

R.T.: 4.821 min
Delta R.T.: 0.003 min
Response: 1295943439
Conc: 55.44 ng/ml



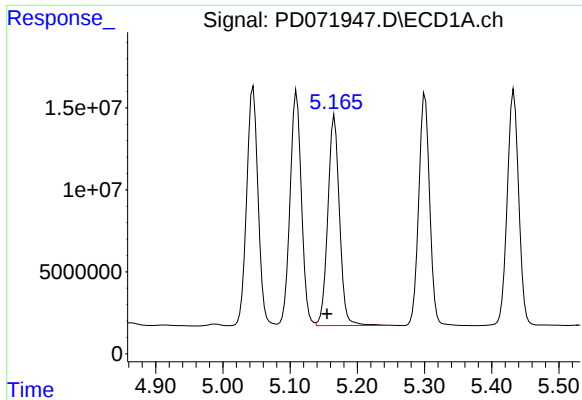
#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.011 min
Response: 167738578
Conc: 51.30 ng/ml



#8 Heptachlor epoxide

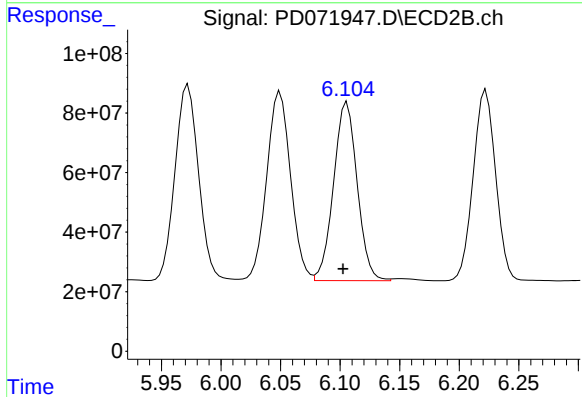
R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 881499230
Conc: 57.17 ng/ml



#9 Endosulfan I

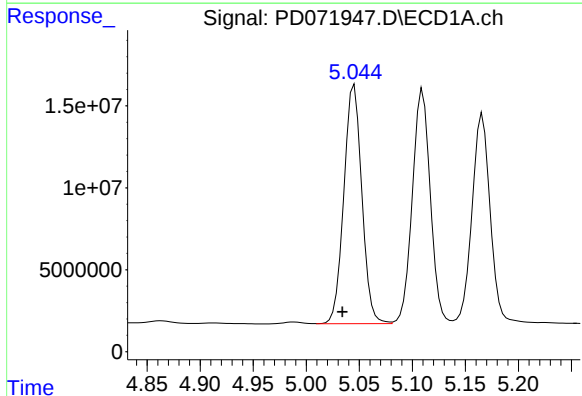
R.T.: 5.166 min
Delta R.T.: 0.011 min
Response: 153689288
Conc: 48.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



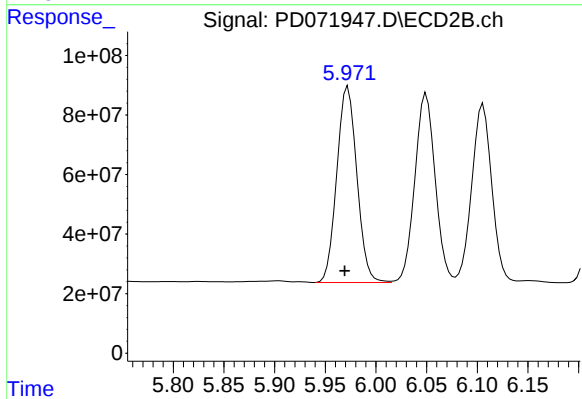
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.003 min
Response: 826674195
Conc: 56.08 ng/ml



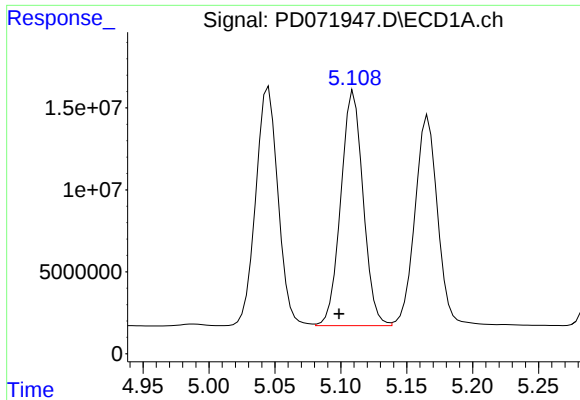
#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.011 min
Response: 171724892
Conc: 50.94 ng/ml



#10 gamma-Chlordane

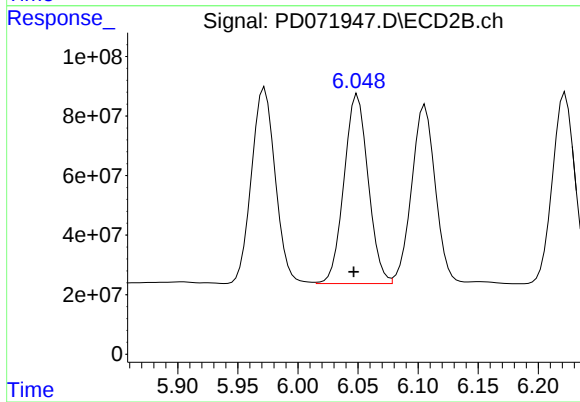
R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 907473487
Conc: 56.48 ng/ml



#11 alpha-Chlordane

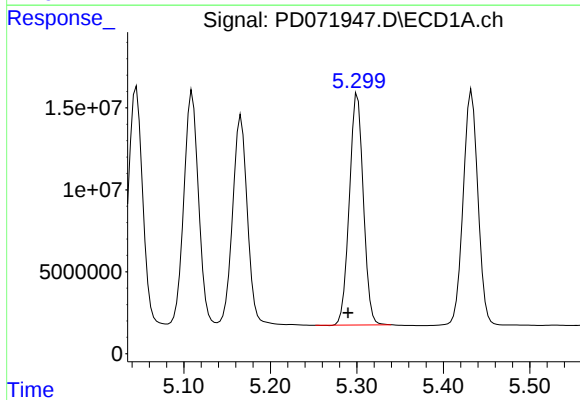
R.T.: 5.110 min
Delta R.T.: 0.011 min
Response: 168347906
Conc: 50.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



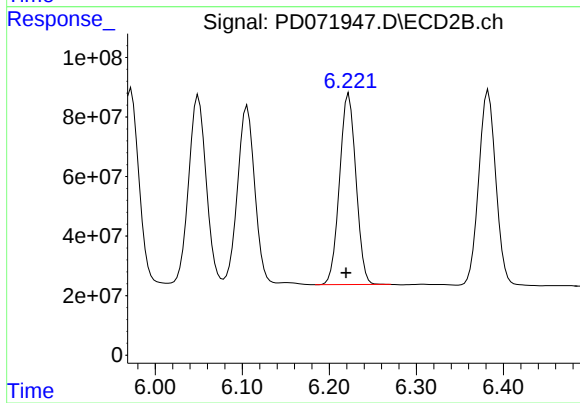
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.003 min
Response: 890749756
Conc: 57.09 ng/ml



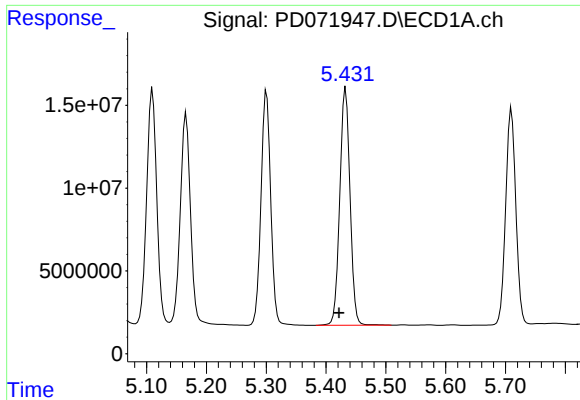
#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: 0.011 min
Response: 157924484
Conc: 51.61 ng/ml



#12 4,4'-DDE

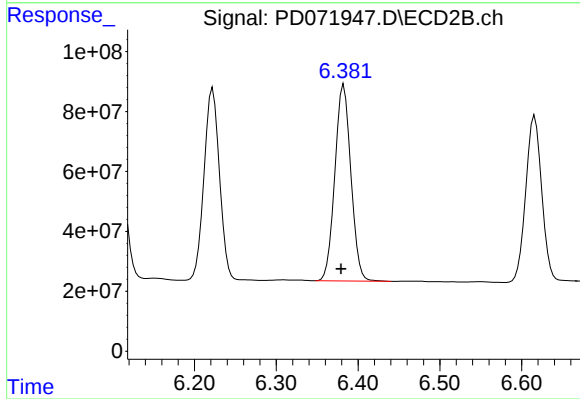
R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 839732018
Conc: 57.00 ng/ml



#13 Dieldrin

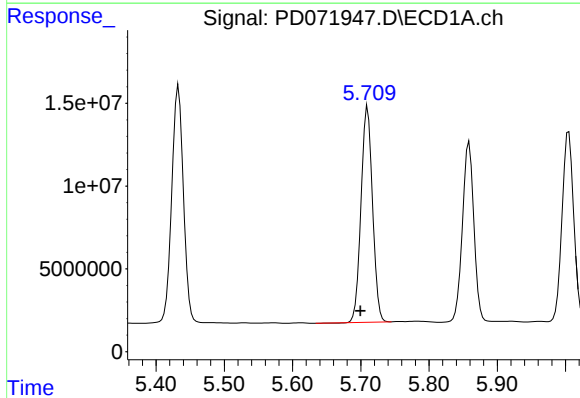
R.T.: 5.433 min
Delta R.T.: 0.011 min
Response: 171254909
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



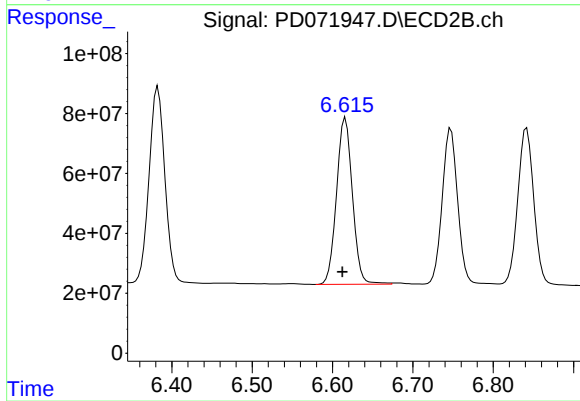
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.003 min
Response: 891940548
Conc: 58.85 ng/ml



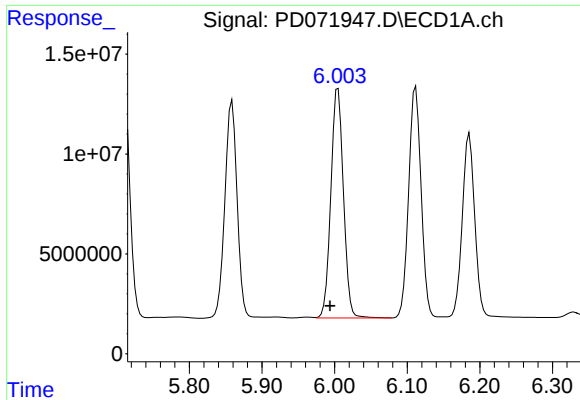
#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.011 min
Response: 152567643
Conc: 51.49 ng/ml



#14 Endrin

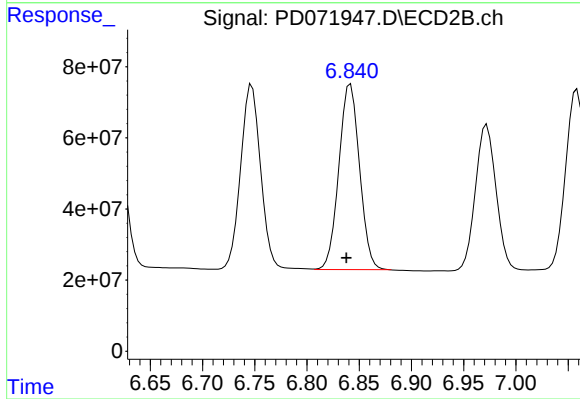
R.T.: 6.616 min
Delta R.T.: 0.004 min
Response: 765088456
Conc: 60.57 ng/ml



#15 Endosulfan II

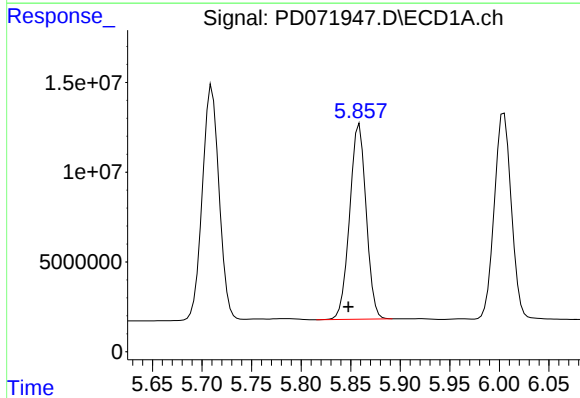
R.T.: 6.005 min
Delta R.T.: 0.011 min
Response: 138606824
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



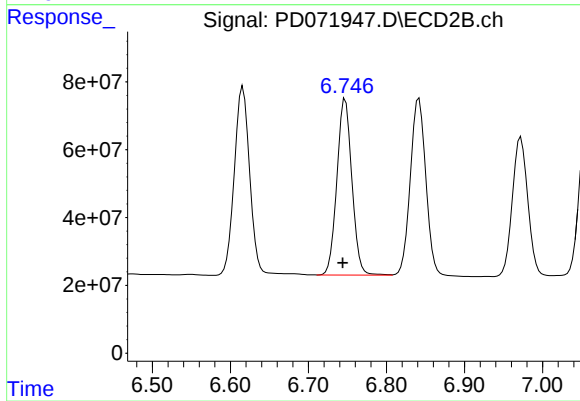
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.004 min
Response: 717813728
Conc: 57.97 ng/ml



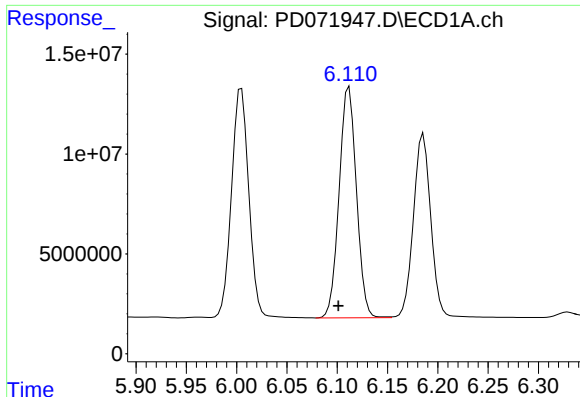
#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.011 min
Response: 126082690
Conc: 49.73 ng/ml



#16 4,4'-DDD

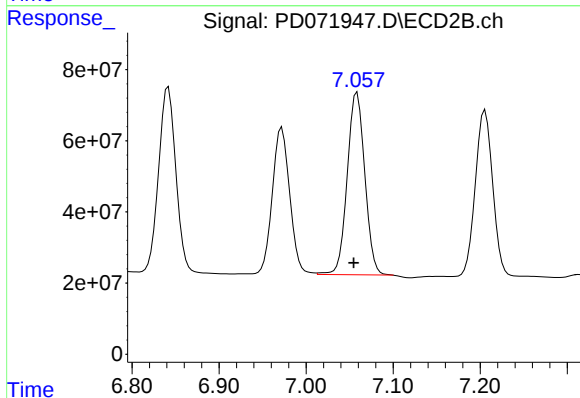
R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 693589172
Conc: 58.36 ng/ml



#17 4,4'-DDT

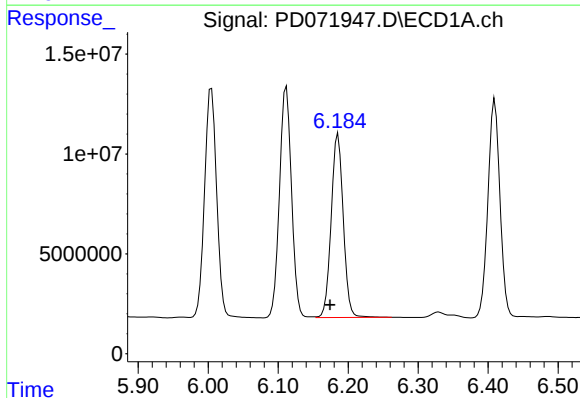
R.T.: 6.112 min
Delta R.T.: 0.011 min
Response: 138156744
Conc: 52.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



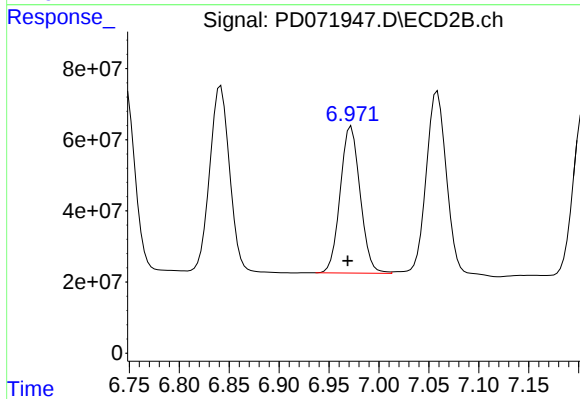
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.004 min
Response: 718986255
Conc: 58.20 ng/ml



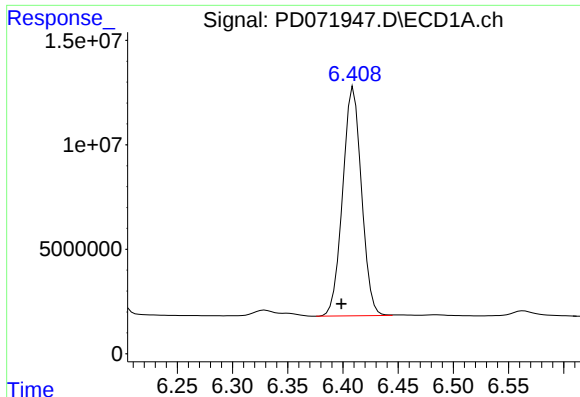
#18 Endrin aldehyde

R.T.: 6.186 min
Delta R.T.: 0.011 min
Response: 110227884
Conc: 49.84 ng/ml



#18 Endrin aldehyde

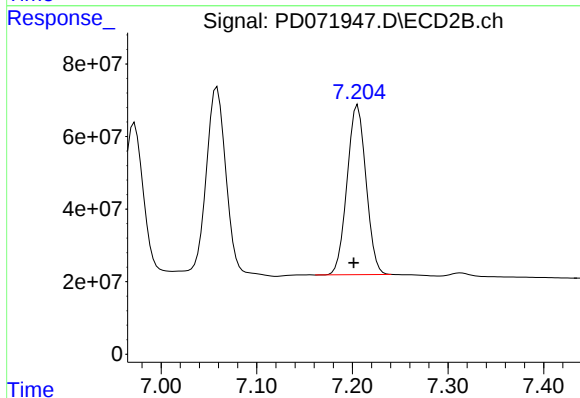
R.T.: 6.972 min
Delta R.T.: 0.003 min
Response: 572436449
Conc: 59.29 ng/ml



#19 Endosulfan Sulfate

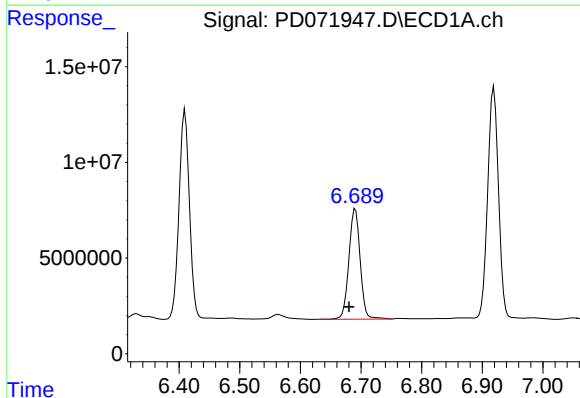
R.T.: 6.410 min
Delta R.T.: 0.011 min
Response: 129995381
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



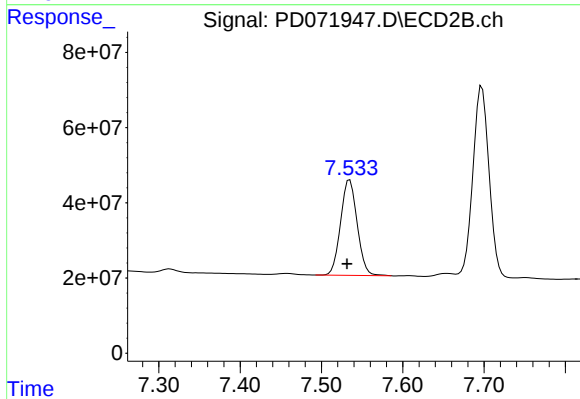
#19 Endosulfan Sulfate

R.T.: 7.206 min
Delta R.T.: 0.004 min
Response: 645887176
Conc: 57.91 ng/ml



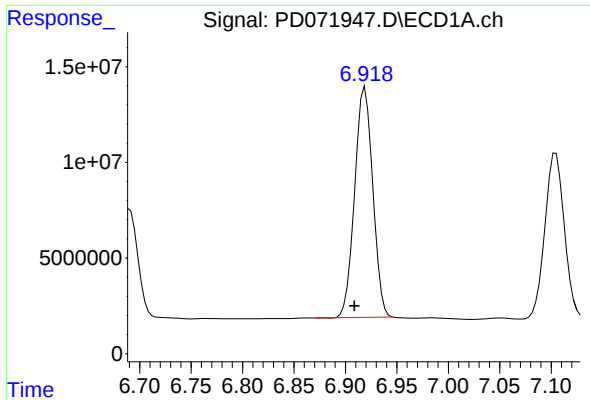
#20 Methoxychlor

R.T.: 6.691 min
Delta R.T.: 0.011 min
Response: 74705895
Conc: 49.89 ng/ml



#20 Methoxychlor

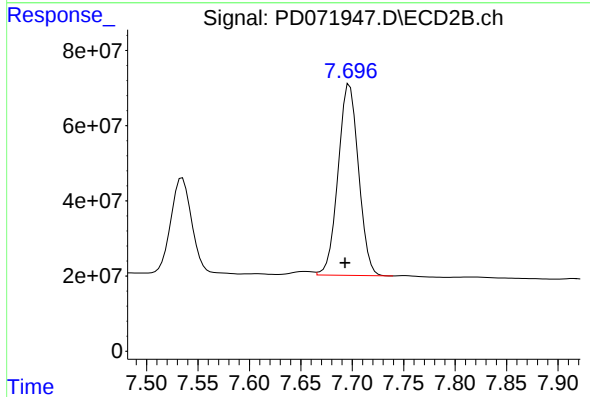
R.T.: 7.535 min
Delta R.T.: 0.003 min
Response: 358506607
Conc: 58.97 ng/ml



#21 Endrin ketone

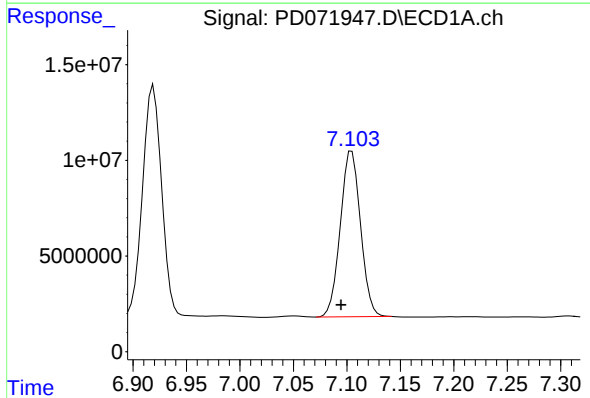
R.T.: 6.919 min
Delta R.T.: 0.010 min
Response: 147338423
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



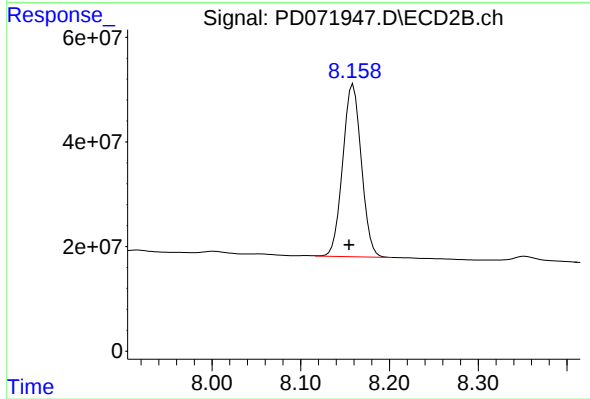
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.004 min
Response: 702792983
Conc: 56.51 ng/ml



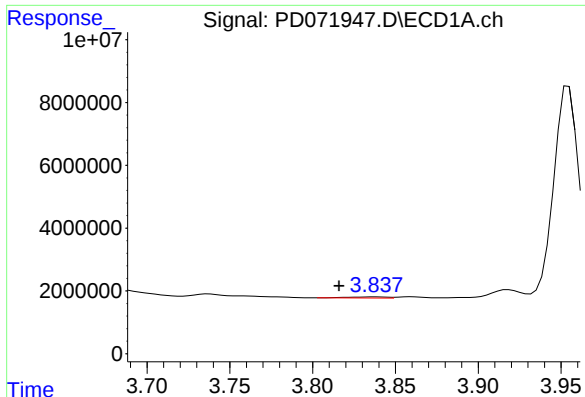
#22 Mirex

R.T.: 7.105 min
Delta R.T.: 0.010 min
Response: 113999909
Conc: 48.37 ng/ml



#22 Mirex

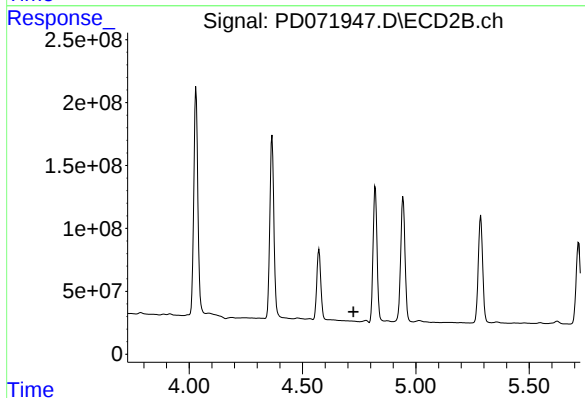
R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 479971368
Conc: 55.42 ng/ml



#23 Chlordane-1

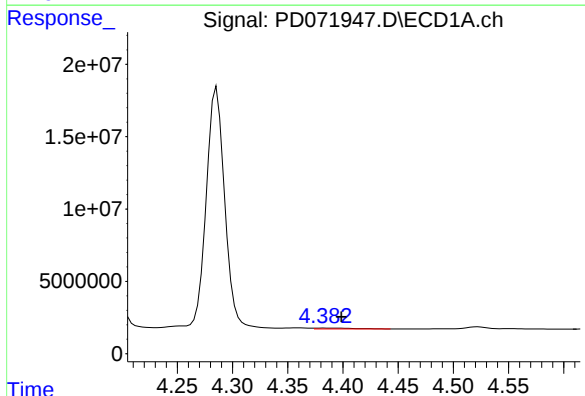
R.T.: 3.838 min
Delta R.T.: 0.022 min
Response: 594377
Conc: 5.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



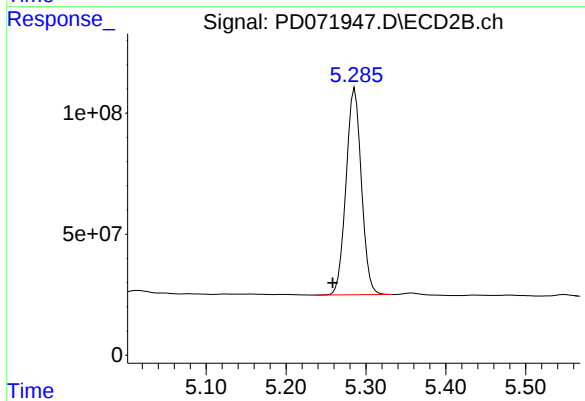
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.725 min
Response: 0
Conc: N.D.



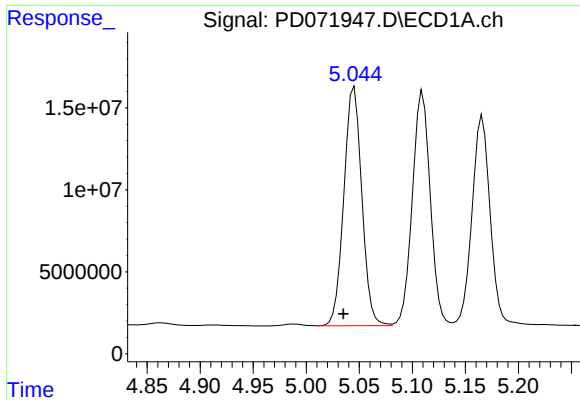
#24 Chlordane-2

R.T.: 4.383 min
Delta R.T.: -0.016 min
Response: 1325346
Conc: 10.86 ng/ml



#24 Chlordane-2

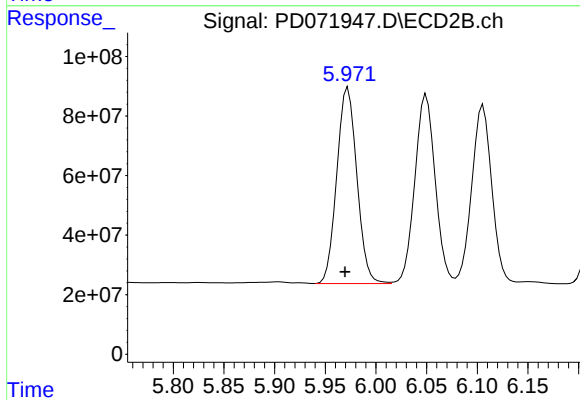
R.T.: 5.286 min
Delta R.T.: 0.028 min
Response: 1143572918
Conc: 1654.09 ng/ml



#25 Chlordane-3

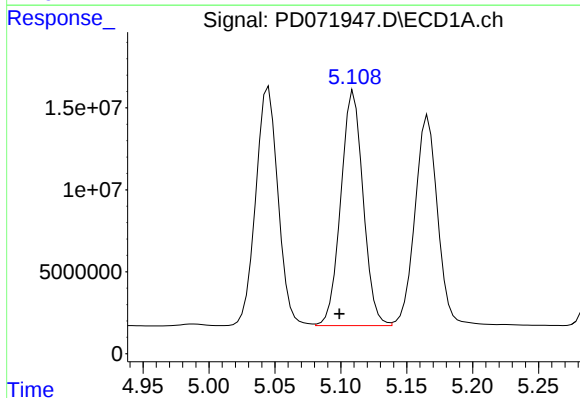
R.T.: 5.045 min
Delta R.T.: 0.010 min
Response: 171724892
Conc: 505.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



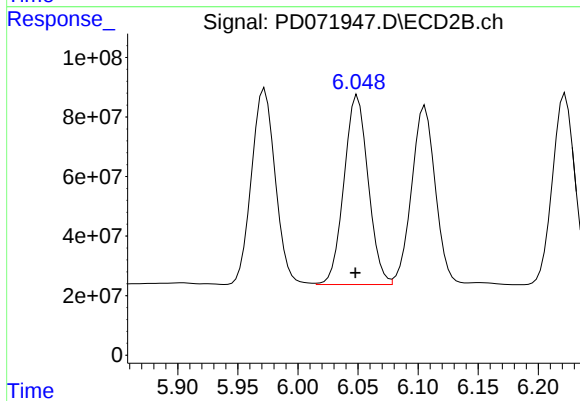
#25 Chlordane-3

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 907473487
Conc: 413.09 ng/ml



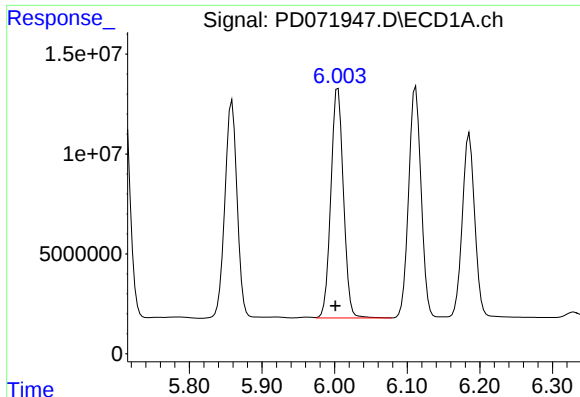
#26 Chlordane-4

R.T.: 5.110 min
Delta R.T.: 0.011 min
Response: 168347906
Conc: 535.81 ng/ml



#26 Chlordane-4

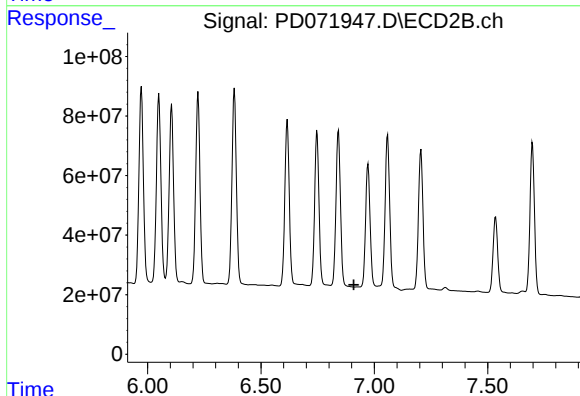
R.T.: 6.050 min
Delta R.T.: 0.002 min
Response: 890749756
Conc: 346.64 ng/ml



#27 Chlordane-5

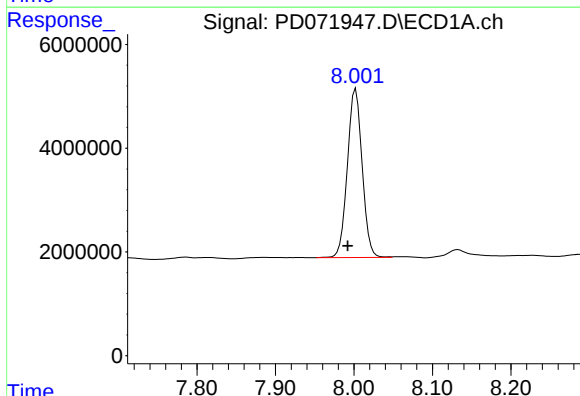
R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 138606824
Conc: 1110.97 ng/m

Instrument :
ECD_D
ClientSampleId :



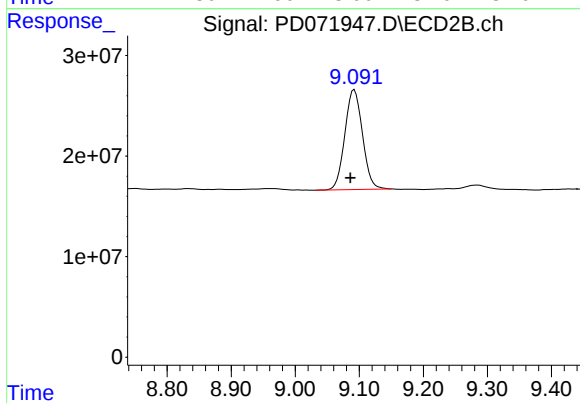
#27 Chlordane-5

R.T.: 6.929 min
Delta R.T.: 0.020 min
Response: -1134135
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.002 min
Delta R.T.: 0.010 min
Response: 42618586
Conc: 16.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.006 min
Response: 190118106
Conc: 20.45 ng/ml