

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032921\  
 Data File : PD061844.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Mar 2021 03:29  
 Operator : AR\AJ  
 Sample : M1817-04MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PHC-326FB-003MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 30 05:59:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 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... | 3.485 | 3.981  | 18098756 | 226.6E6 | 21.616   | 26.078     |
| 28)                         | SA Decachlor... | 8.256 | 9.038  | 24550082 | 185.2E6 | 19.952   | 19.622     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.925 | 4.370  | 64179844 | 648.7E6 | 50.815   | 48.229     |
| 3)                          | MA gamma-BHC... | 4.210 | 4.655  | 63299621 | 635.3E6 | 53.315   | 50.932     |
| 4)                          | MA Heptachlor   | 4.513 | 5.163  | 67811127 | 692.6E6 | 58.249   | 53.148     |
| 5)                          | MB Aldrin       | 4.763 | 5.468  | 66388861 | 655.6E6 | 55.318   | 52.681     |
| 6)                          | B beta-BHC      | 4.460 | 4.824  | 30520431 | 289.0E6 | 55.968   | 55.957     |
| 7)                          | B delta-BHC     | 4.666 | 5.040  | 19671415 | 245.6E6 | 16.193   | 18.572     |
| 8)                          | B Heptachlo...  | 5.206 | 5.853  | 64920530 | 618.6E6 | 56.633   | 52.246     |
| 9)                          | A Endosulfan I  | 5.547 | 6.210  | 62558502 | 588.4E6 | 56.969   | 54.280     |
| 10)                         | B gamma-Chl...  | 5.434 | 6.087  | 66735998 | 640.6E6 | 56.973   | 54.036     |
| 11)                         | B alpha-Chl...  | 5.493 | 6.160  | 65356371 | 605.6E6 | 56.244   | 53.119     |
| 12)                         | B 4,4'-DDE      | 5.656 | 6.316  | 65466028 | 635.5E6 | 58.261   | 55.148     |
| 13)                         | MA Dieldrin     | 5.791 | 6.466  | 68805479 | 641.5E6 | 59.526   | 55.581     |
| 14)                         | MA Endrin       | 6.050 | 6.684  | 60638885 | 544.4E6 | 59.015   | 55.014     |
| 15)                         | B Endosulfa...  | 6.323 | 6.892  | 59006253 | 530.4E6 | 57.573   | 55.869     |
| 16)                         | A 4,4'-DDD      | 6.173 | 6.806  | 53746344 | 500.4E6 | 57.753   | 52.844     |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.104  | 53817378 | 498.4E6 | 59.749   | 52.183     |
| 18)                         | B Endrin al...  | 6.492 | 7.016  | 52077866 | 459.5E6 | 60.955   | 58.423     |
| 19)                         | B Endosulfa...  | 6.705 | 7.239  | 51730037 | 470.1E6 | 47.941   | 46.901     |
| 20)                         | A Methoxychlor  | 6.961 | 7.561  | 29632816 | 255.7E6 | 62.715   | 56.728     |
| 21)                         | B Endrin ke...  | 7.199 | 7.710  | 73434891 | 550.4E6 | 57.540   | 54.270     |
| 22)                         | Mirex           | 7.389 | 8.164  | 53030361 | 357.3E6 | 64.948   | 55.440     |
| 24)                         | Chlordane-2     | 0.000 | 5.468f | 0        | 655.6E6 | N.D.     | 1708.496 # |
| 25)                         | Chlordane-3     | 5.434 | 6.087  | 66735998 | 640.6E6 | 575.255  | 386.427 #  |
| 26)                         | Chlordane-4     | 5.493 | 6.160  | 65356371 | 605.6E6 | 679.327  | 315.566 #  |
| 27)                         | Chlordane-5     | 6.323 | 0.000  | 59006253 | 0       | 1340.021 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

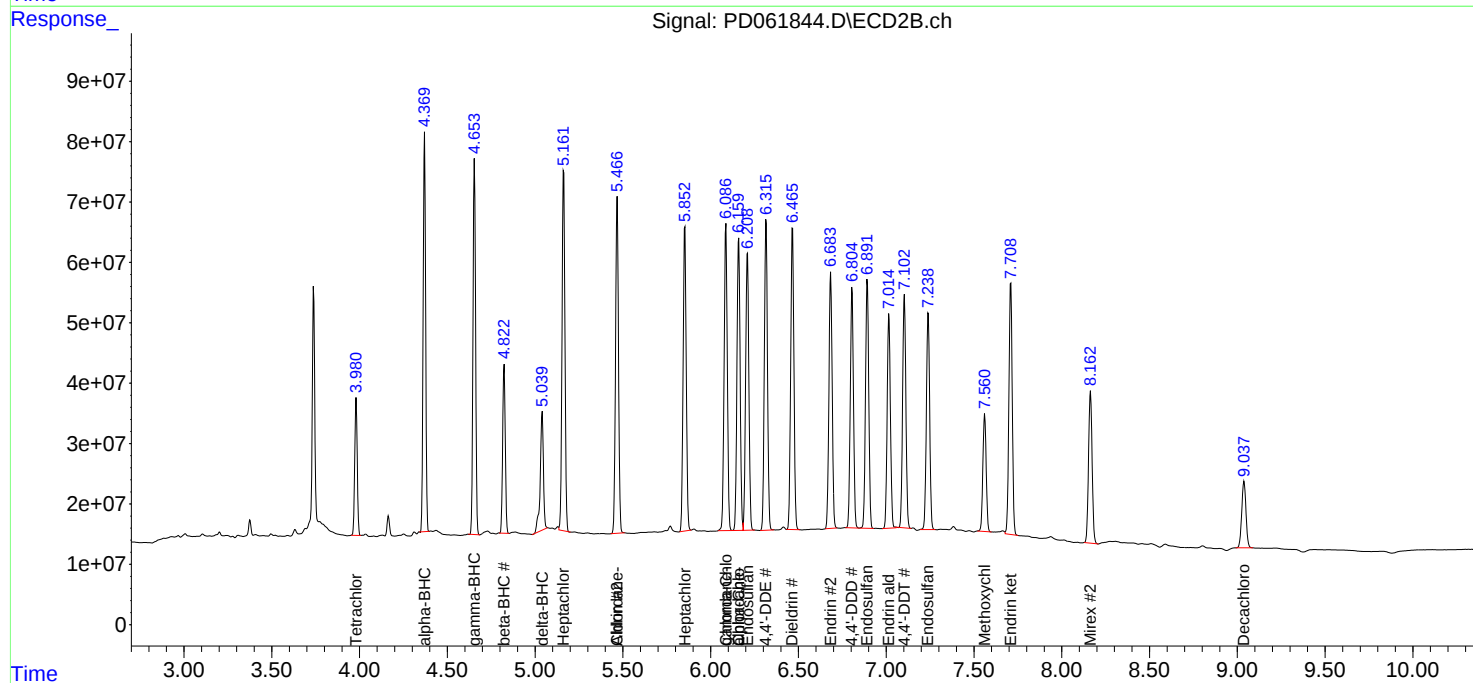
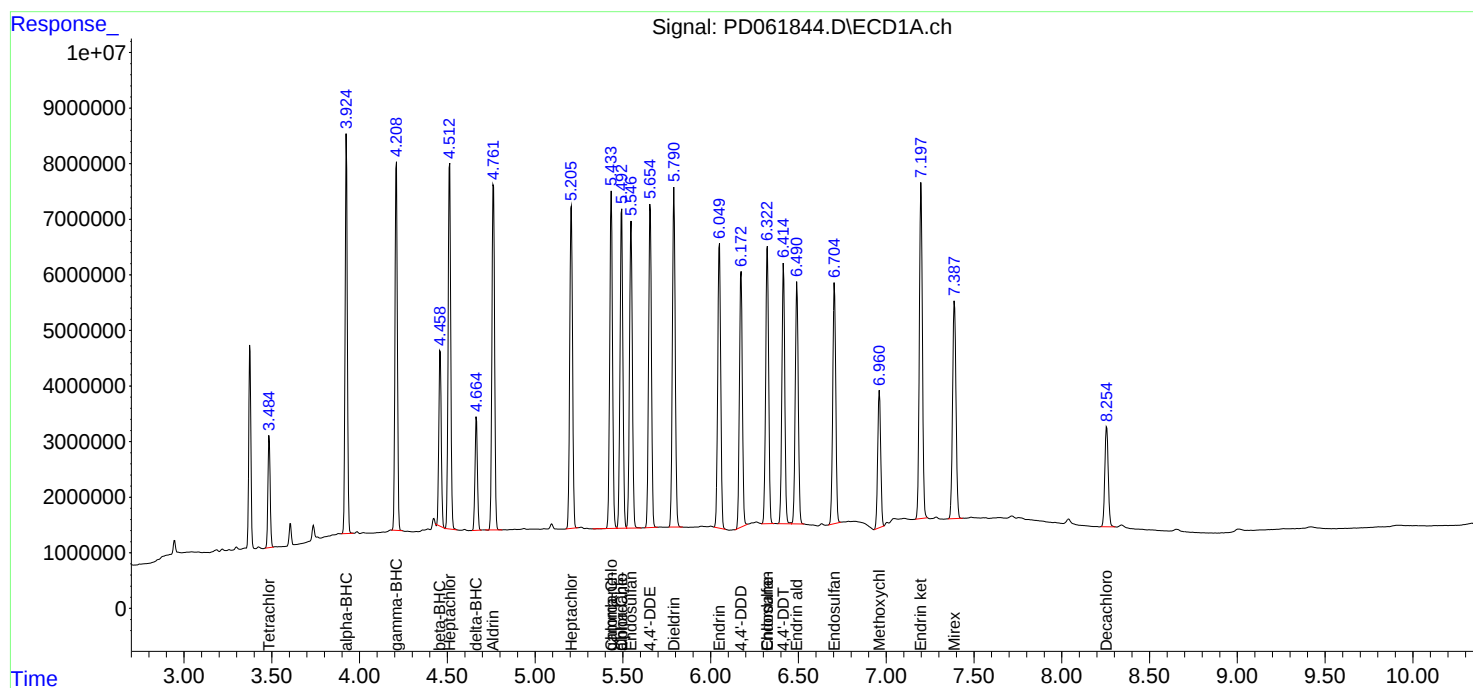
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

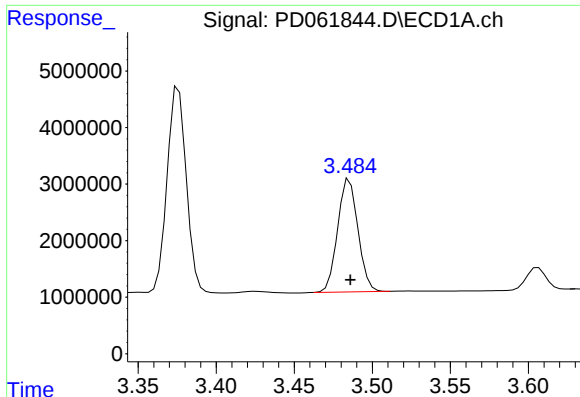
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032921\  
Data File : PD061844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Mar 2021 03:29  
Operator : AR\AJ  
Sample : M1817-04MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 05:59:27 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
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

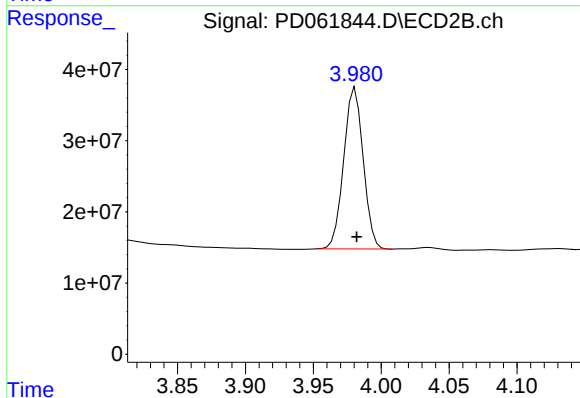




#1 Tetrachloro-m-xylene

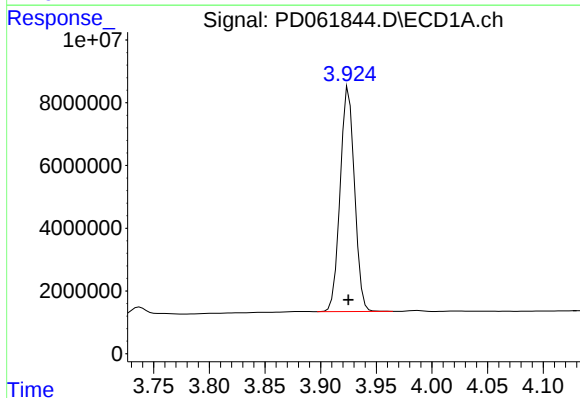
R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 18098756  
Conc: 21.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



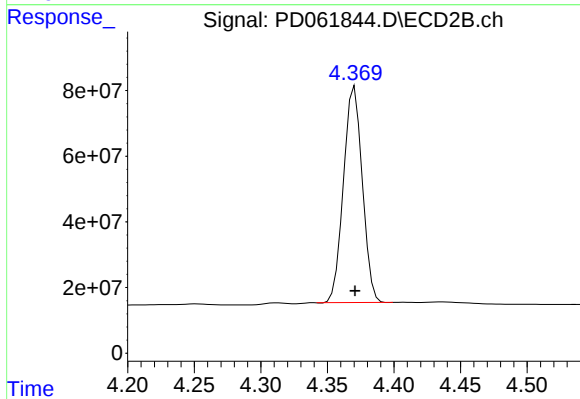
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: -0.001 min  
Response: 226587721  
Conc: 26.08 ng/ml



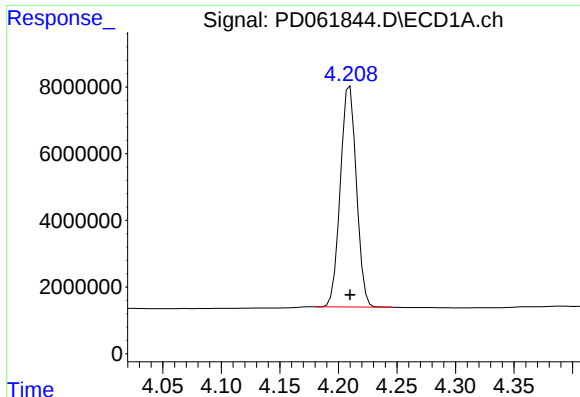
#2 alpha-BHC

R.T.: 3.925 min  
Delta R.T.: 0.000 min  
Response: 64179844  
Conc: 50.81 ng/ml



#2 alpha-BHC

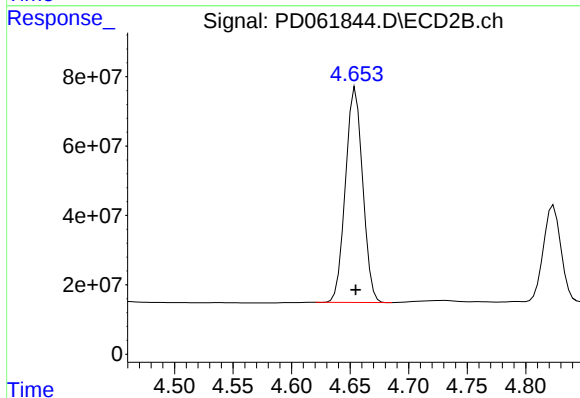
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 648718146  
Conc: 48.23 ng/ml



#3 gamma-BHC (Lindane)

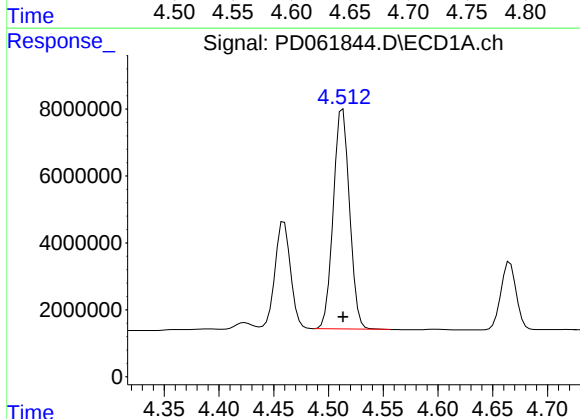
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 63299621  
Conc: 53.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



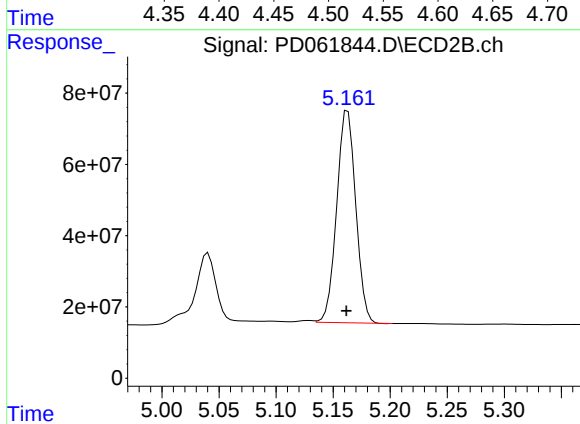
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 635310060  
Conc: 50.93 ng/ml



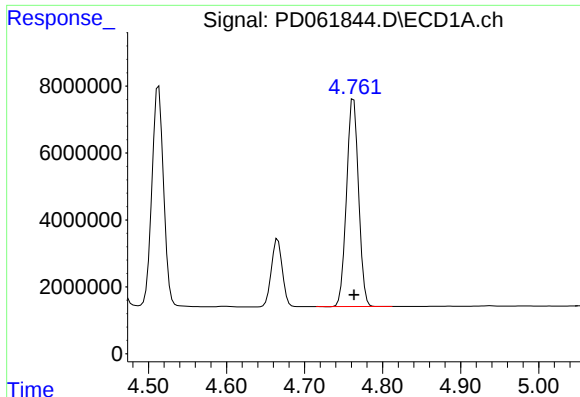
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 67811127  
Conc: 58.25 ng/ml



#4 Heptachlor

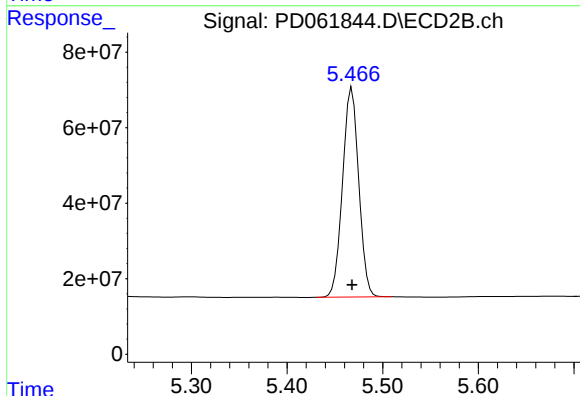
R.T.: 5.163 min  
Delta R.T.: 0.001 min  
Response: 692593545  
Conc: 53.15 ng/ml



#5 Aldrin

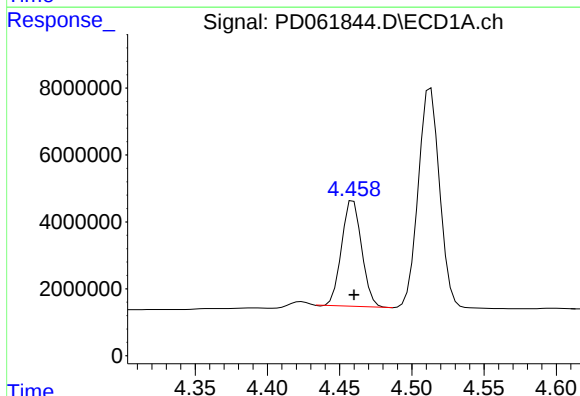
R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 66388861  
Conc: 55.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



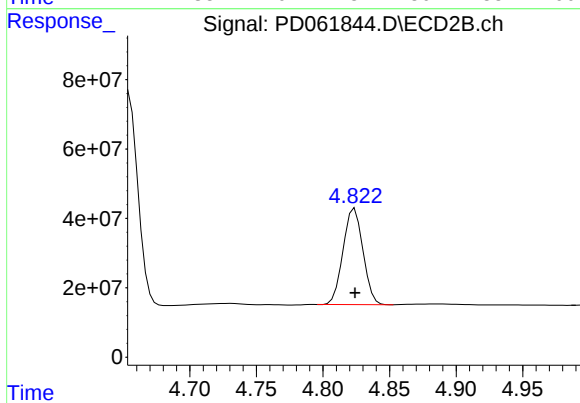
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 655573501  
Conc: 52.68 ng/ml



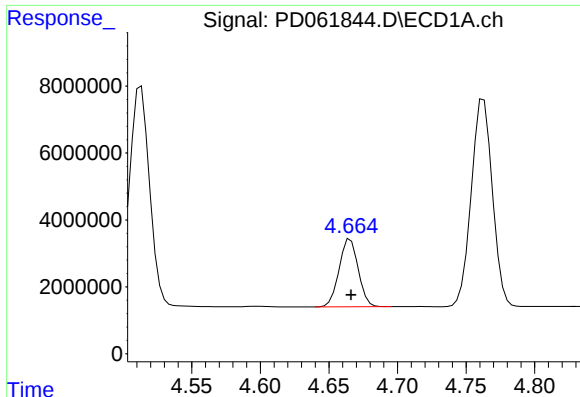
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 30520431  
Conc: 55.97 ng/ml



#6 beta-BHC

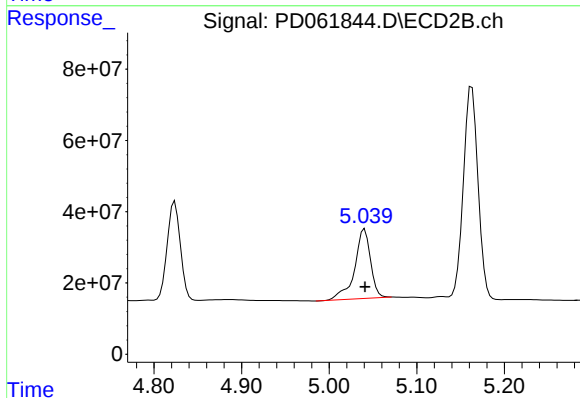
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 289026988  
Conc: 55.96 ng/ml



#7 delta-BHC

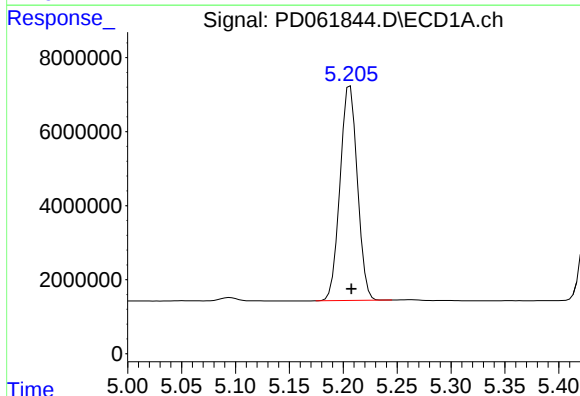
R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 19671415  
Conc: 16.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



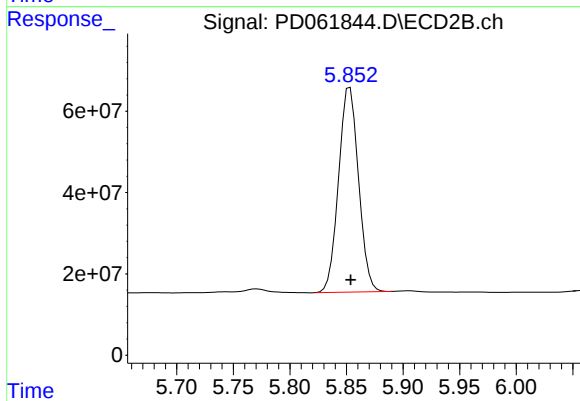
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 245647044  
Conc: 18.57 ng/ml



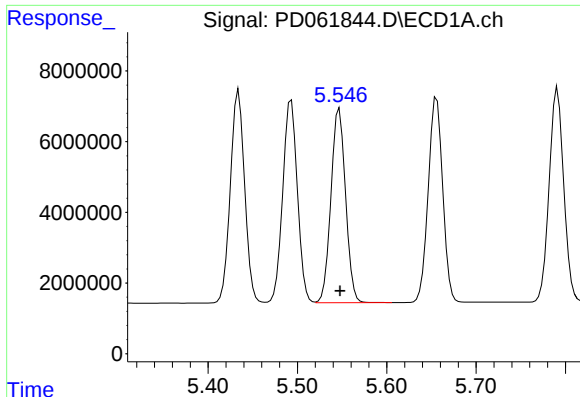
#8 Heptachlor epoxide

R.T.: 5.206 min  
Delta R.T.: -0.001 min  
Response: 64920530  
Conc: 56.63 ng/ml



#8 Heptachlor epoxide

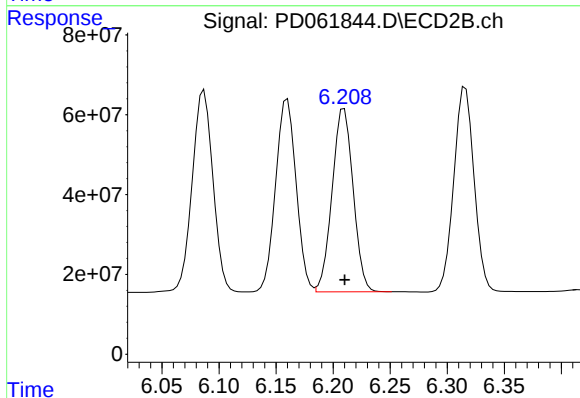
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 618634239  
Conc: 52.25 ng/ml



#9 Endosulfan I

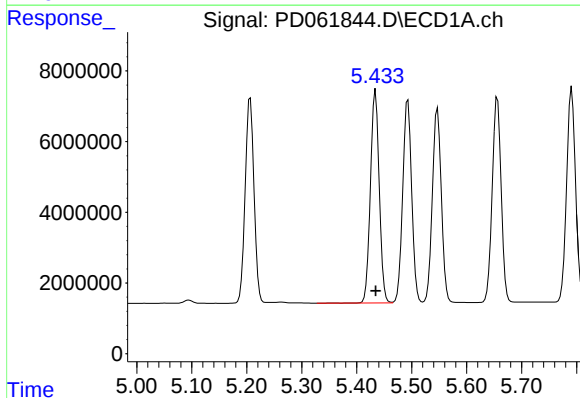
R.T.: 5.547 min  
Delta R.T.: 0.000 min  
Response: 62558502  
Conc: 56.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



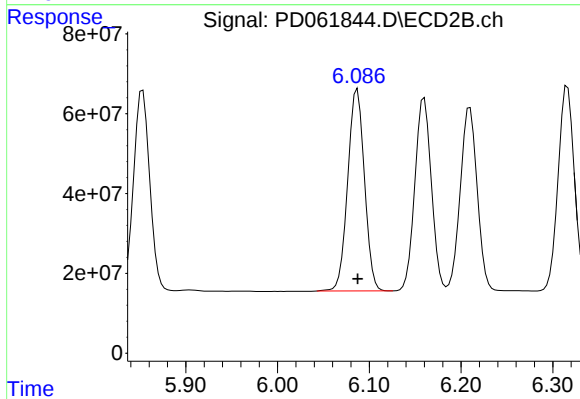
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 588402599  
Conc: 54.28 ng/ml



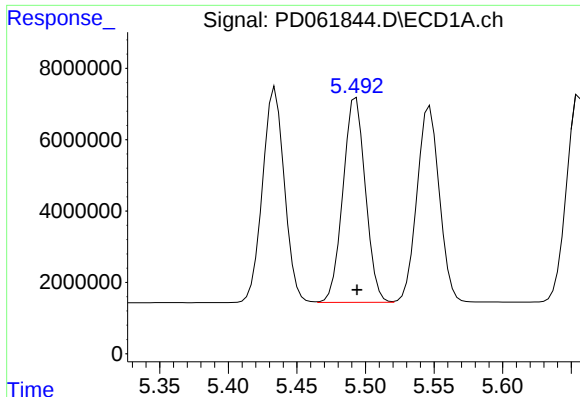
#10 gamma-Chlordane

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 66735998  
Conc: 56.97 ng/ml



#10 gamma-Chlordane

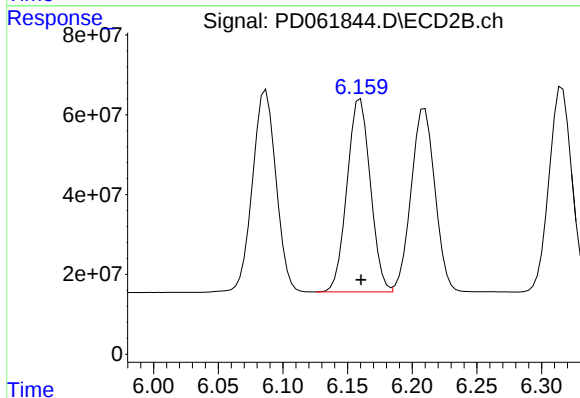
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 640595326  
Conc: 54.04 ng/ml



#11 alpha-Chlordane

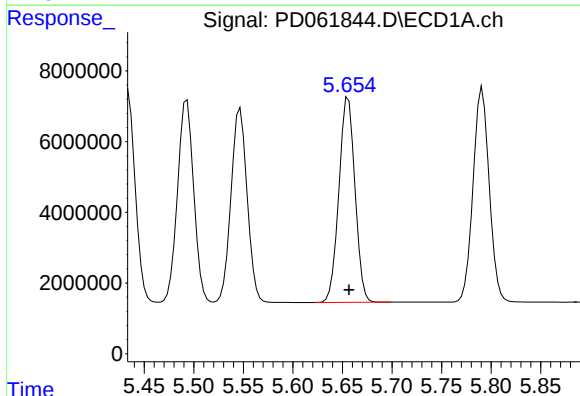
R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 65356371  
Conc: 56.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



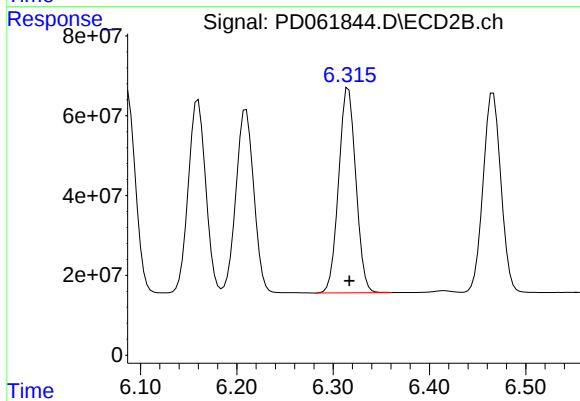
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 605554744  
Conc: 53.12 ng/ml



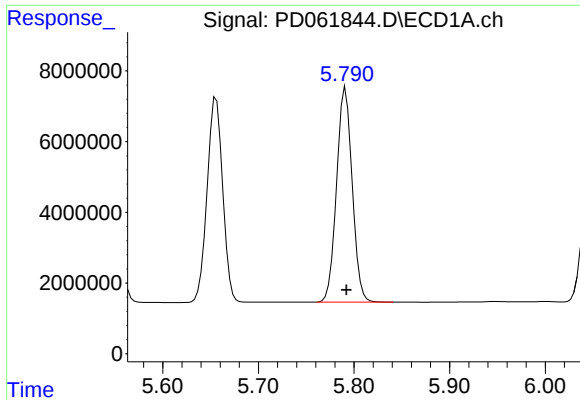
#12 4,4'-DDE

R.T.: 5.656 min  
Delta R.T.: 0.000 min  
Response: 65466028  
Conc: 58.26 ng/ml



#12 4,4'-DDE

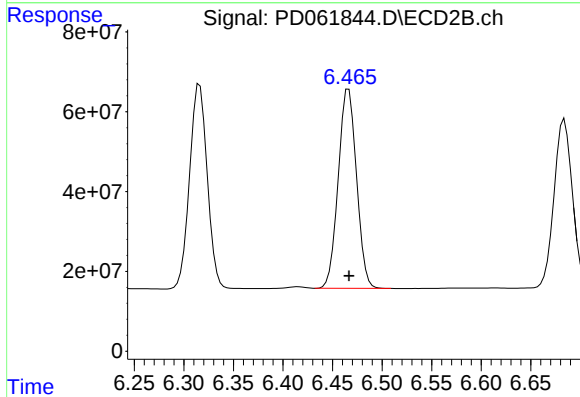
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 635528335  
Conc: 55.15 ng/ml



#13 Dieldrin

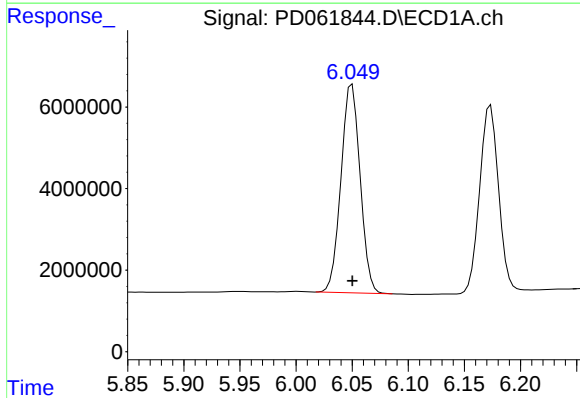
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 68805479  
Conc: 59.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



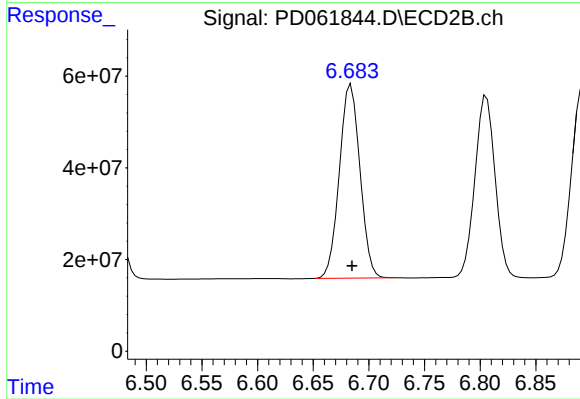
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 641546683  
Conc: 55.58 ng/ml



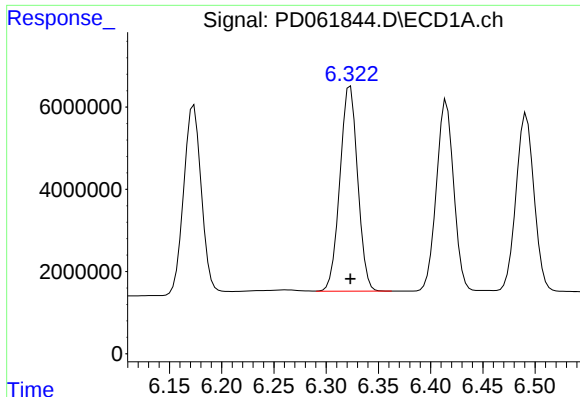
#14 Endrin

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 60638885  
Conc: 59.02 ng/ml



#14 Endrin

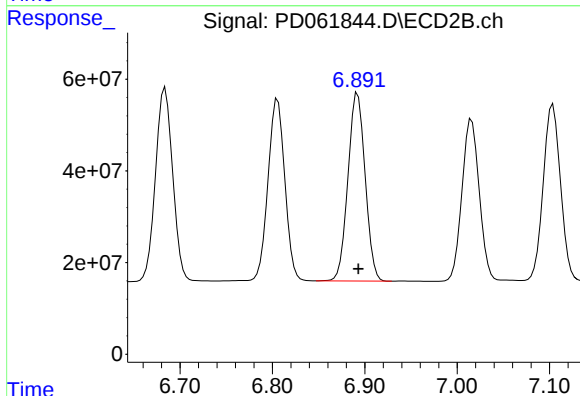
R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 544427476  
Conc: 55.01 ng/ml



#15 Endosulfan II

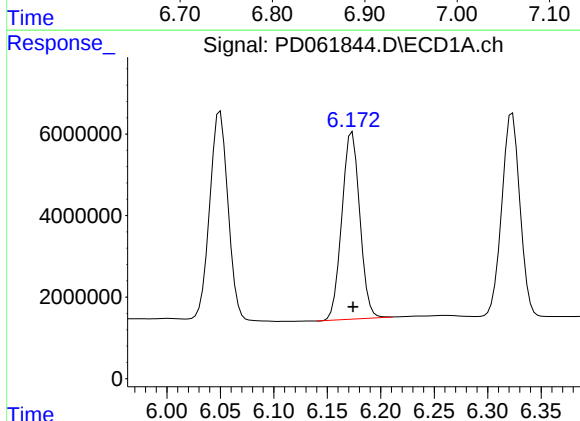
R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 59006253  
Conc: 57.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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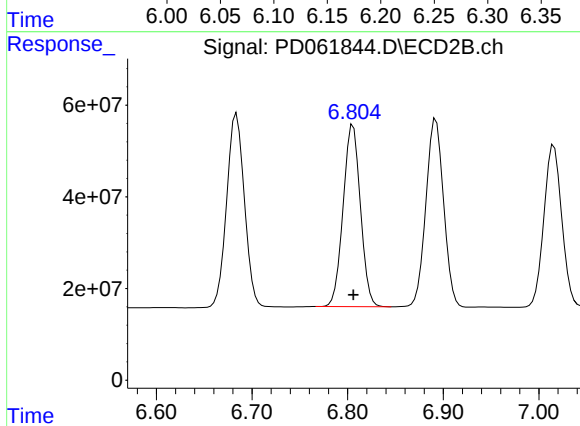
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 530449146  
Conc: 55.87 ng/ml



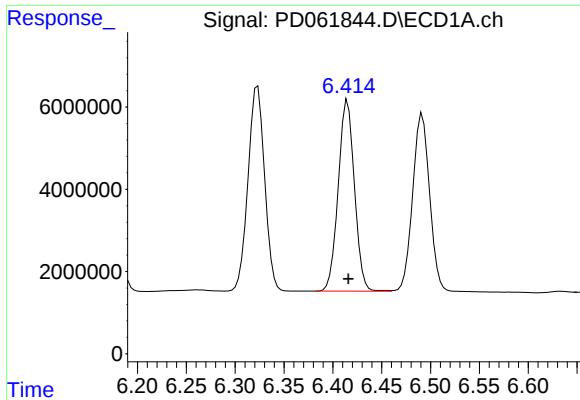
#16 4,4'-DDD

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 53746344  
Conc: 57.75 ng/ml



#16 4,4'-DDD

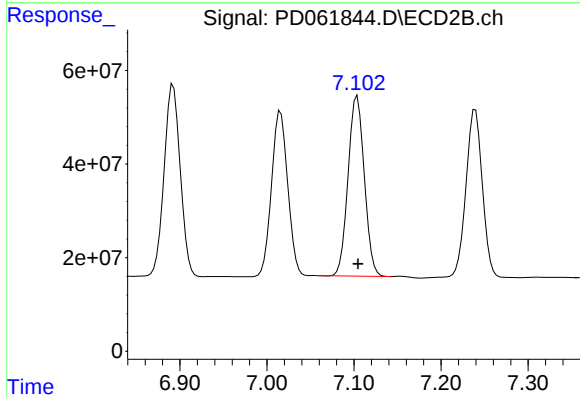
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 500371378  
Conc: 52.84 ng/ml



#17 4,4'-DDT

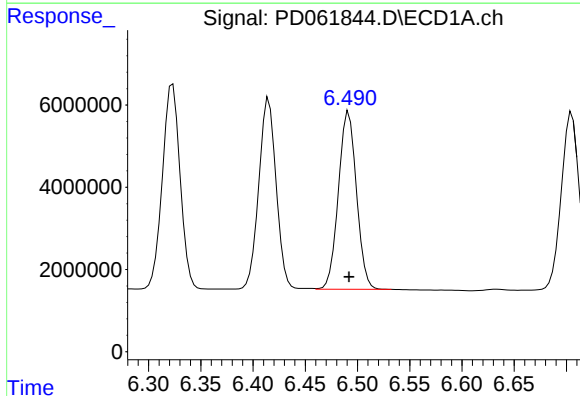
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 53817378  
Conc: 59.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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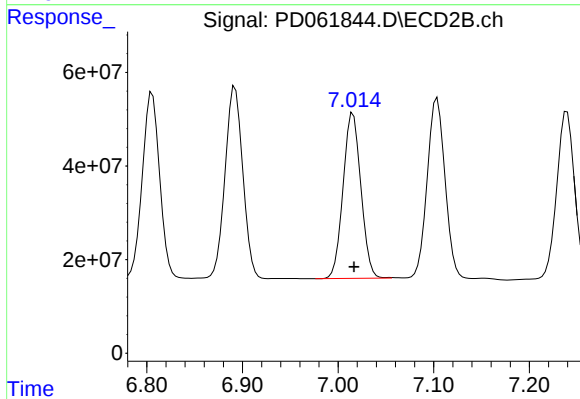
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 498429577  
Conc: 52.18 ng/ml



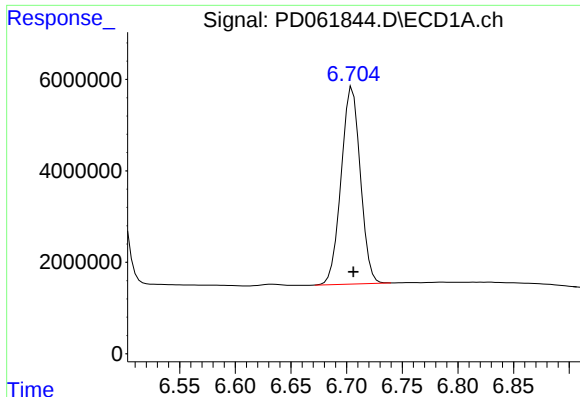
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 52077866  
Conc: 60.96 ng/ml



#18 Endrin aldehyde

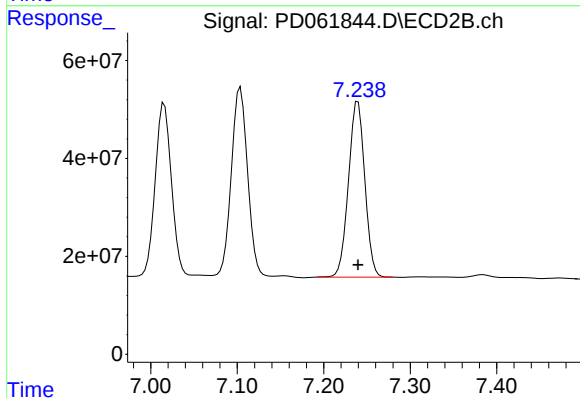
R.T.: 7.016 min  
Delta R.T.: -0.001 min  
Response: 459452621  
Conc: 58.42 ng/ml



#19 Endosulfan Sulfate

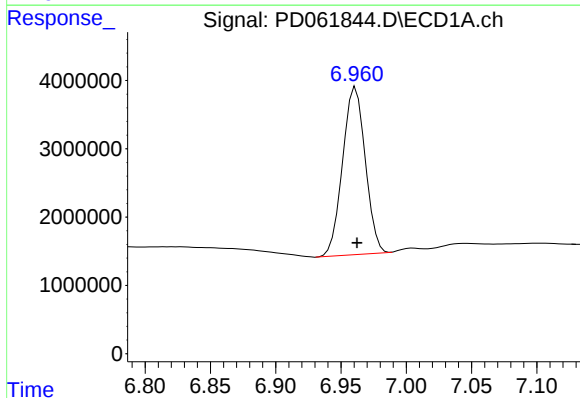
R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 51730037  
Conc: 47.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



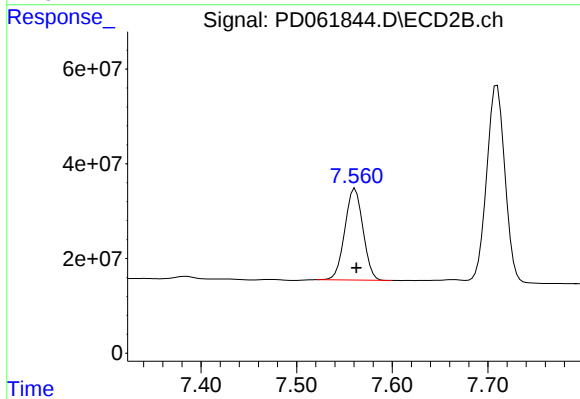
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 470051438  
Conc: 46.90 ng/ml



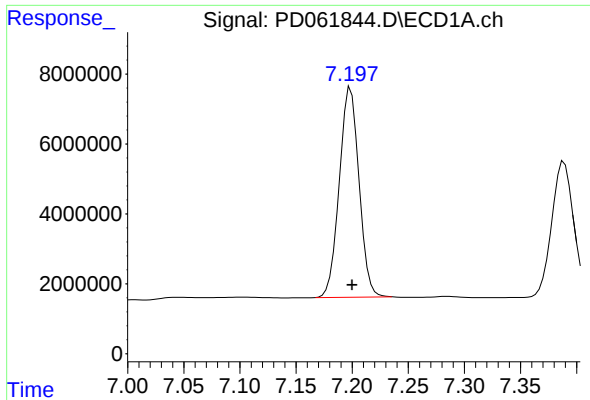
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 29632816  
Conc: 62.71 ng/ml



#20 Methoxychlor

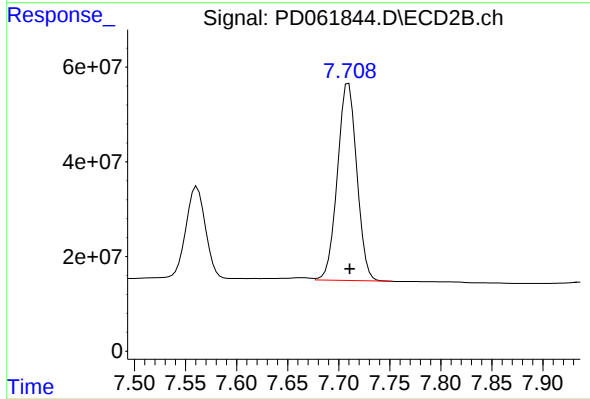
R.T.: 7.561 min  
Delta R.T.: -0.001 min  
Response: 255725206  
Conc: 56.73 ng/ml



#21 Endrin ketone

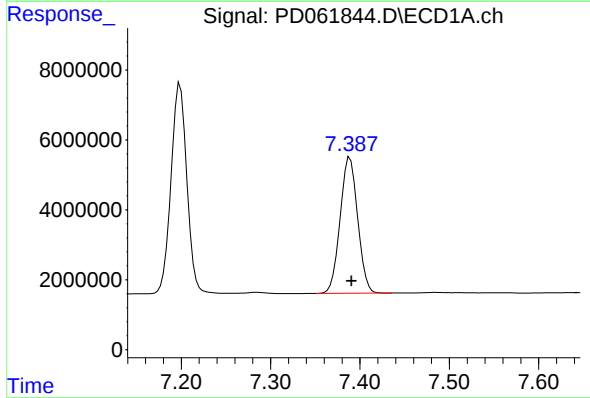
R.T.: 7.199 min  
Delta R.T.: -0.001 min  
Response: 73434891  
Conc: 57.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



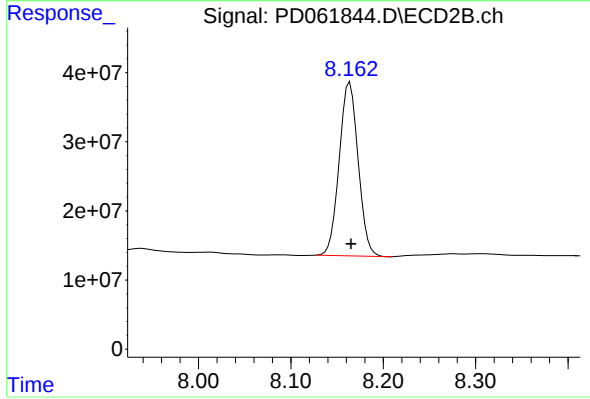
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: -0.001 min  
Response: 550443474  
Conc: 54.27 ng/ml



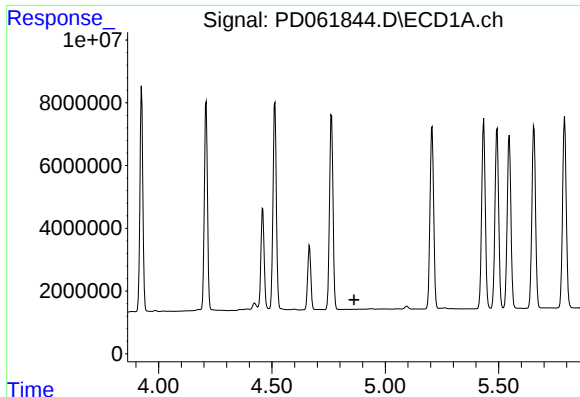
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: -0.002 min  
Response: 53030361  
Conc: 64.95 ng/ml



#22 Mirex

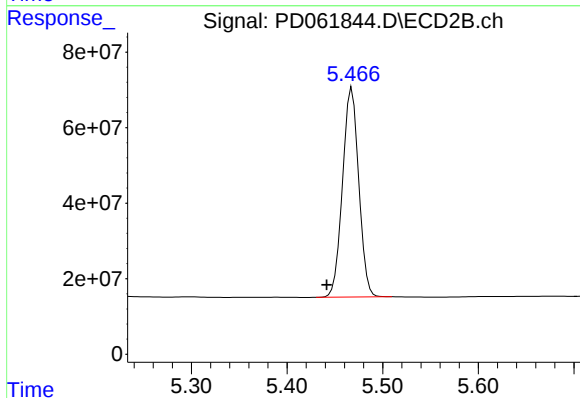
R.T.: 8.164 min  
Delta R.T.: -0.001 min  
Response: 357280209  
Conc: 55.44 ng/ml



#24 Chlordane-2

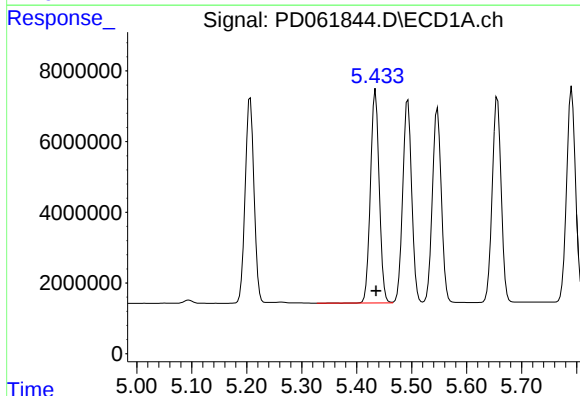
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



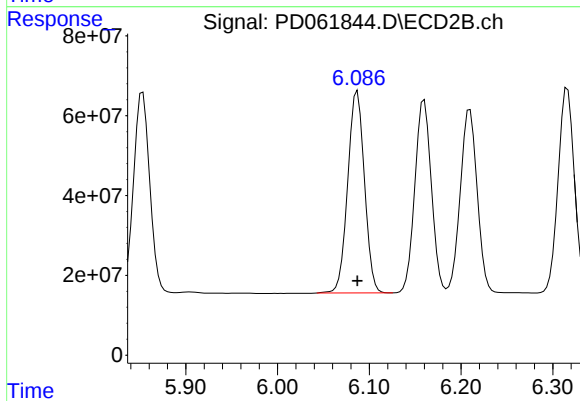
#24 Chlordane-2

R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 65573501  
Conc: 1708.50 ng/ml



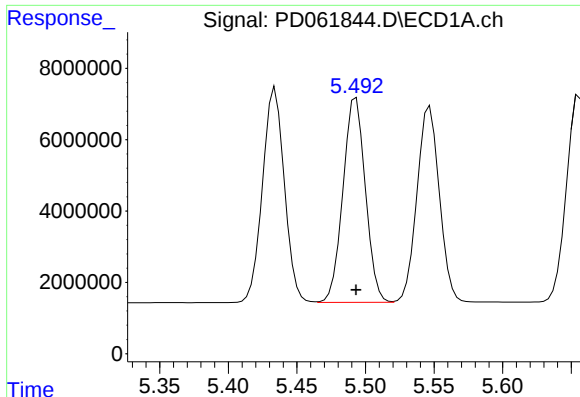
#25 Chlordane-3

R.T.: 5.434 min  
Delta R.T.: -0.001 min  
Response: 66735998  
Conc: 575.26 ng/ml



#25 Chlordane-3

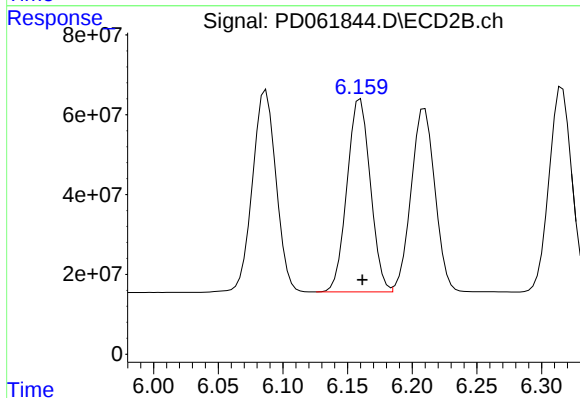
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 640595326  
Conc: 386.43 ng/ml



#26 Chlordane-4

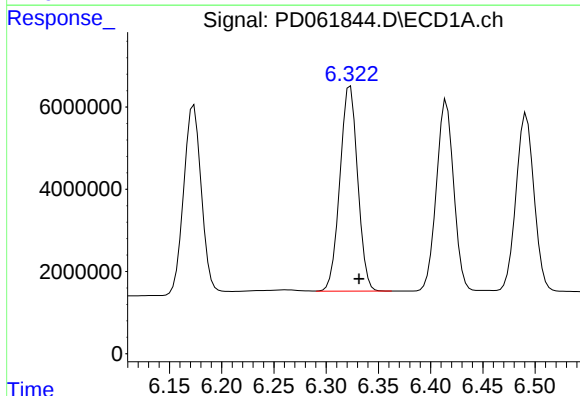
R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 65356371  
Conc: 679.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



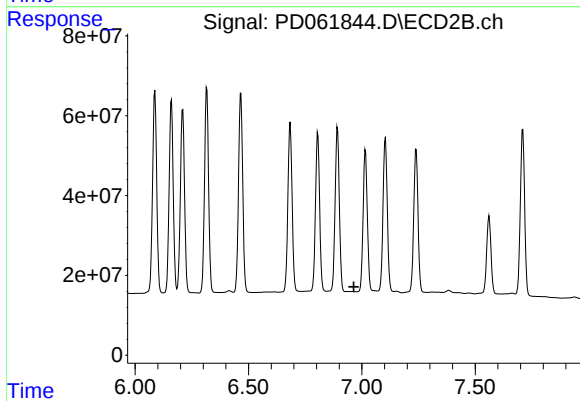
#26 Chlordane-4

R.T.: 6.160 min  
Delta R.T.: -0.002 min  
Response: 605554744  
Conc: 315.57 ng/ml



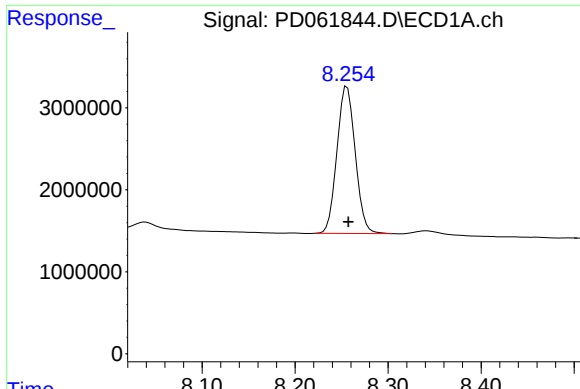
#27 Chlordane-5

R.T.: 6.323 min  
Delta R.T.: -0.009 min  
Response: 59006253  
Conc: 1340.02 ng/ml



#27 Chlordane-5

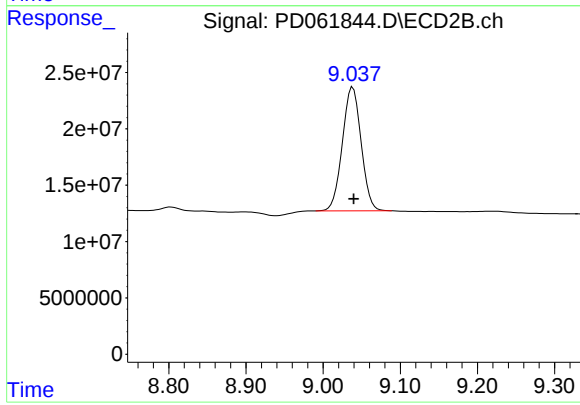
R.T.: 0.000 min  
Exp R.T.: 6.964 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.256 min  
Delta R.T.: -0.001 min  
Response: 24550082  
Conc: 19.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PHC-326FB-003MSD



#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: -0.001 min  
Response: 185237730  
Conc: 19.62 ng/ml