

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
 Data File : PD063022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2021 19:26  
 Operator : AR\AJ  
 Sample : PB136391BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB136391BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 18 07:20:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 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... | 3.440 | 3.970  | 19971907 | 214.3E6 | 18.131   | 18.495     |
| 28)                         | SA Decachlor... | 8.195 | 9.025  | 21392348 | 204.5E6 | 16.998   | 20.045     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.876 | 4.358  | 82506332 | 851.8E6 | 47.585   | 44.241     |
| 3)                          | MA gamma-BHC... | 4.159 | 4.642  | 76543308 | 770.5E6 | 47.078   | 44.644     |
| 4)                          | MA Heptachlor   | 4.460 | 5.150  | 75120608 | 779.5E6 | 47.754   | 47.014     |
| 5)                          | MB Aldrin       | 4.708 | 5.454  | 73156084 | 745.9E6 | 47.753   | 44.685     |
| 6)                          | B beta-BHC      | 4.410 | 4.813  | 32632919 | 326.8E6 | 40.489   | 44.054     |
| 7)                          | B delta-BHC     | 4.615 | 5.029  | 78014138 | 805.6E6 | 47.327   | 57.657     |
| 8)                          | B Heptachlo...  | 5.151 | 5.840  | 67446364 | 673.7E6 | 46.802   | 44.048     |
| 9)                          | A Endosulfan I  | 5.490 | 6.196  | 62520964 | 619.9E6 | 46.073   | 43.637     |
| 10)                         | B gamma-Chl...  | 5.378 | 6.074  | 67637561 | 676.3E6 | 46.112   | 43.386     |
| 11)                         | B alpha-Chl...  | 5.437 | 6.146  | 66652283 | 647.0E6 | 46.166   | 43.659     |
| 12)                         | B 4,4'-DDE      | 5.600 | 0.000  | 65553492 | 0       | 45.694   | N.D. #     |
| 13)                         | MA Dieldrin     | 5.733 | 6.453  | 66371419 | 651.8E6 | 44.857   | 42.986     |
| 14)                         | MA Endrin       | 5.991 | 6.671  | 58043313 | 535.0E6 | 43.398   | 41.934     |
| 15)                         | B Endosulfa...  | 6.264 | 6.880  | 54355463 | 515.6E6 | 43.690   | 42.997     |
| 16)                         | A 4,4'-DDD      | 6.117 | 6.793  | 55447868 | 540.8E6 | 46.093   | 44.576     |
| 17)                         | MA 4,4'-DDT     | 6.357 | 7.092  | 51160611 | 619.3E6 | 44.761   | 54.920     |
| 18)                         | B Endrin al...  | 6.433 | 7.004  | 45016930 | 495.3E6 | 42.351   | 48.635     |
| 19)                         | B Endosulfa...  | 6.647 | 7.227  | 54328990 | 518.9E6 | 45.075   | 42.287     |
| 20)                         | A Methoxychlor  | 6.905 | 7.550  | 28495317 | 242.3E6 | 42.463   | 42.236     |
| 21)                         | B Endrin ke...  | 7.139 | 7.697  | 65112020 | 511.8E6 | 44.062   | 42.663     |
| 22)                         | Mirex           | 7.326 | 8.151  | 46763653 | 308.2E6 | 43.582   | 40.527     |
| 24)                         | Chlordane-2     | 0.000 | 5.454f | 0        | 745.9E6 | N.D.     | 1530.304 # |
| 25)                         | Chlordane-3     | 5.378 | 6.074  | 67637561 | 676.3E6 | 470.910  | 329.884 #  |
| 26)                         | Chlordane-4     | 5.437 | 6.146  | 66652283 | 647.0E6 | 564.883  | 275.058 #  |
| 27)                         | Chlordane-5     | 6.264 | 0.000  | 54355463 | 0       | 1183.465 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

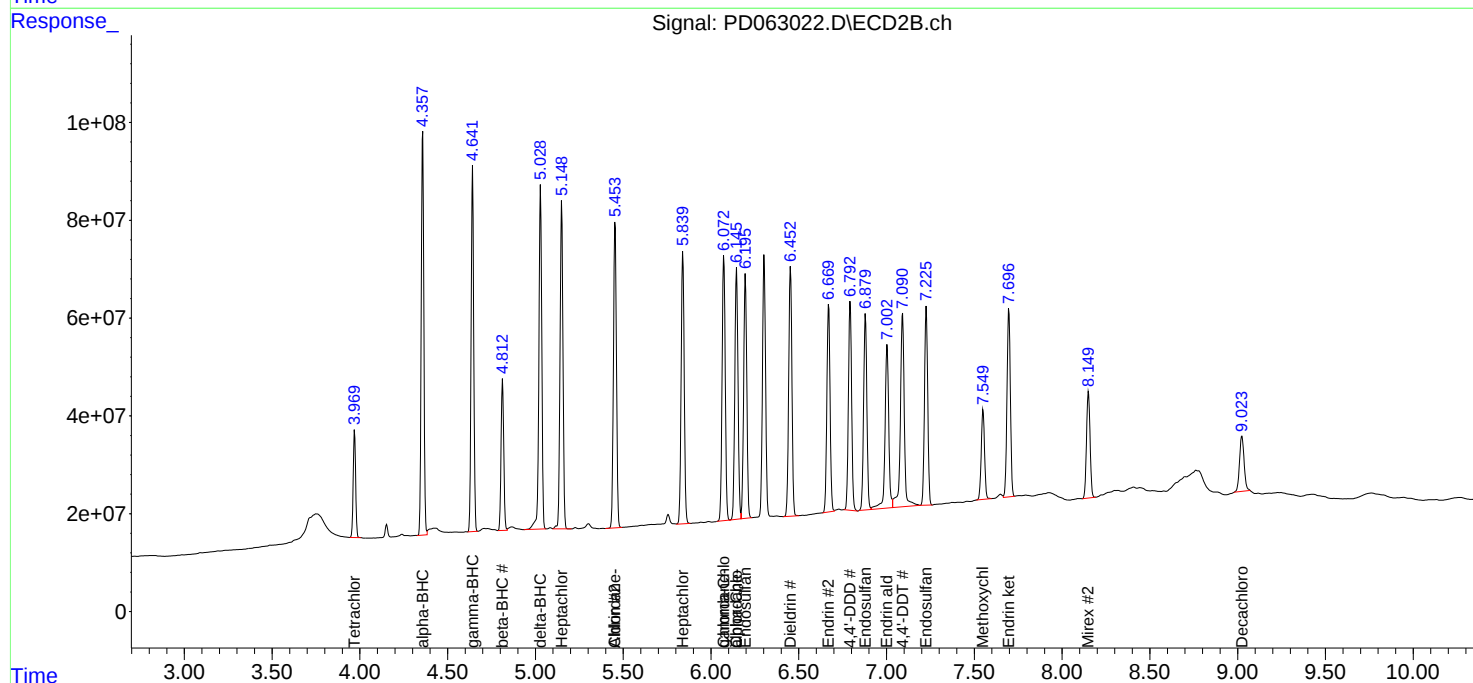
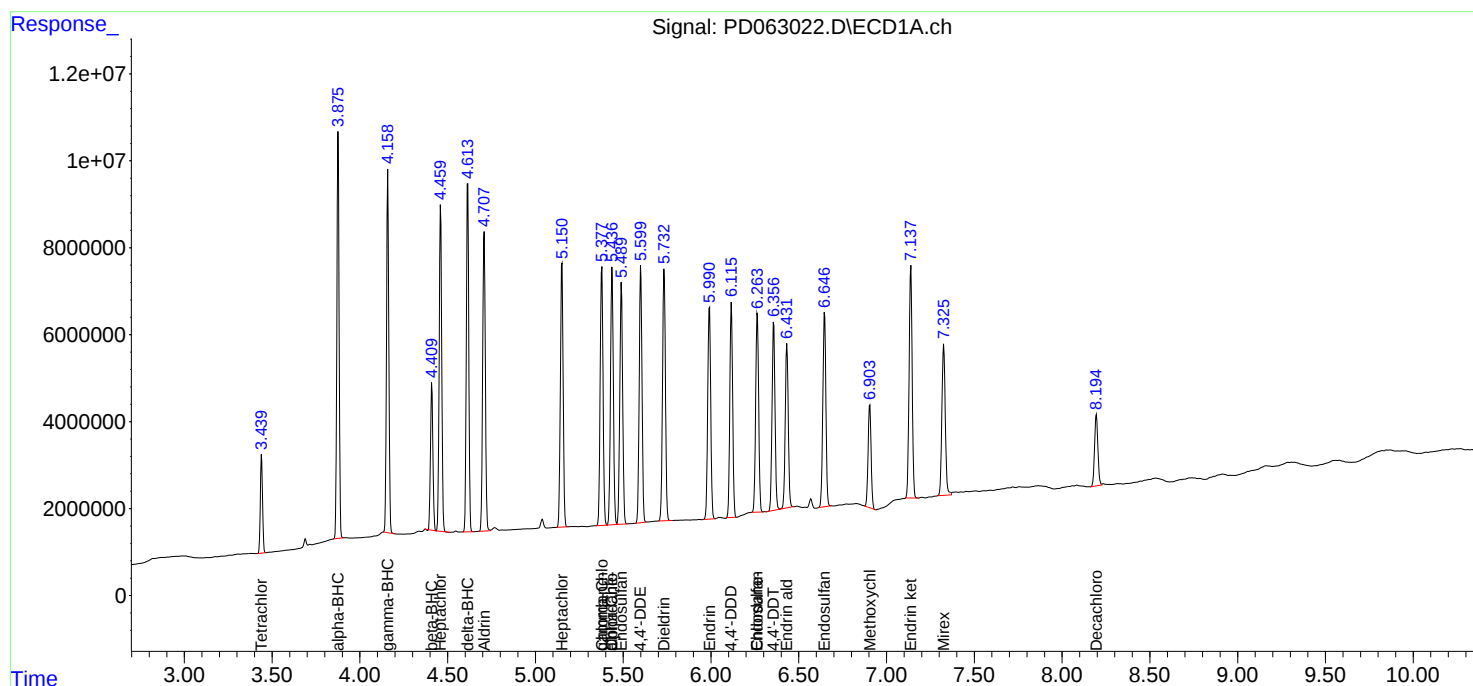
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

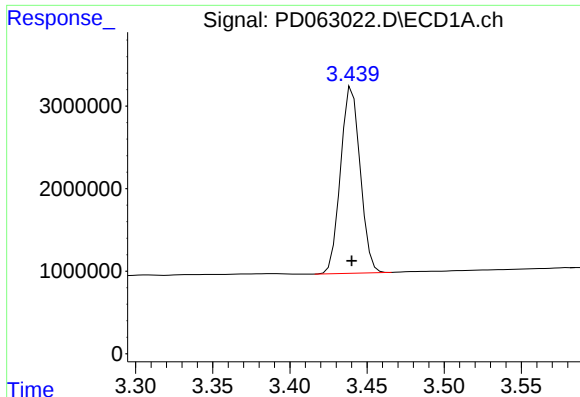
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
Data File : PD063022.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2021 19:26  
Operator : AR\AJ  
Sample : PB136391BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 07:20:25 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 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

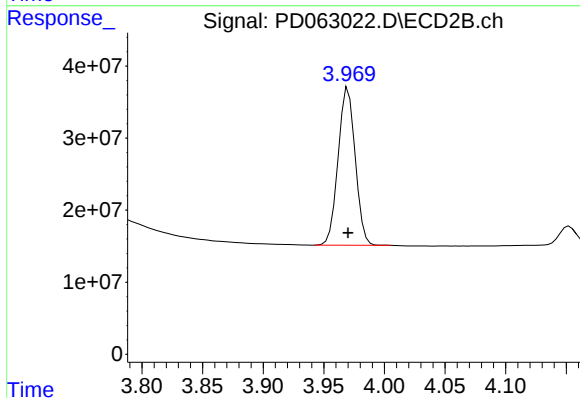




#1 Tetrachloro-m-xylene

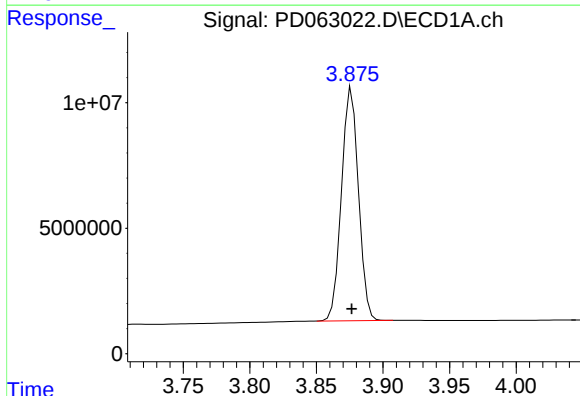
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 19971907  
Conc: 18.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



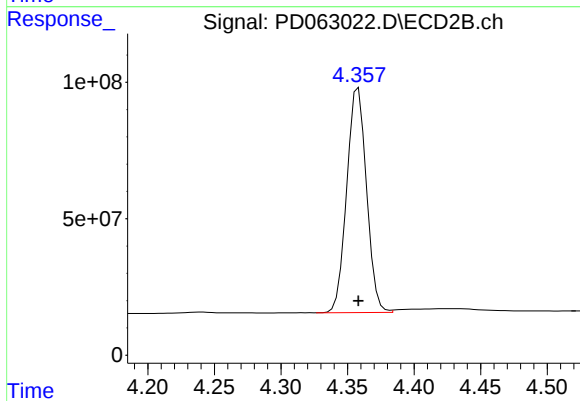
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 214327353  
Conc: 18.50 ng/ml



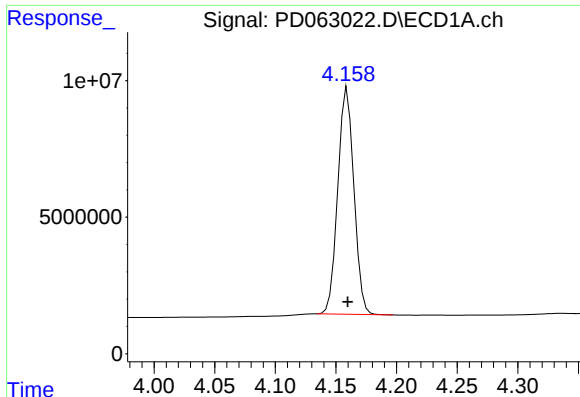
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 82506332  
Conc: 47.59 ng/ml



#2 alpha-BHC

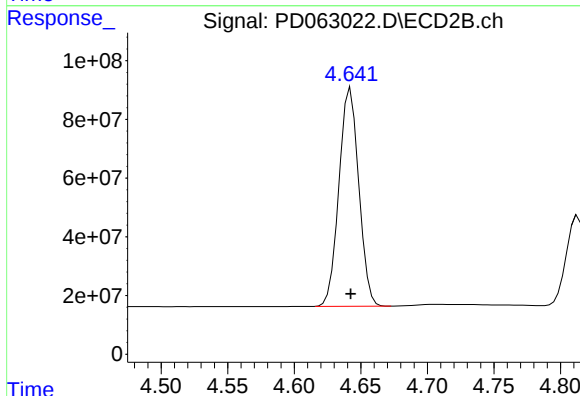
R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 851839996  
Conc: 44.24 ng/ml



#3 gamma-BHC (Lindane)

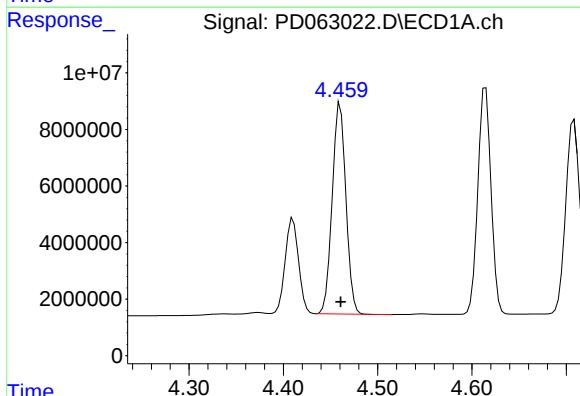
R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 76543308  
Conc: 47.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



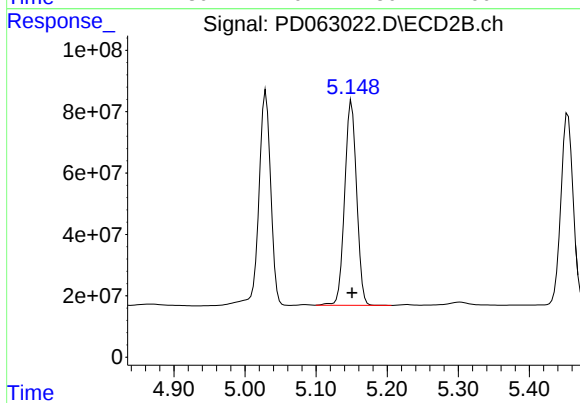
#3 gamma-BHC (Lindane)

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 770507701  
Conc: 44.64 ng/ml



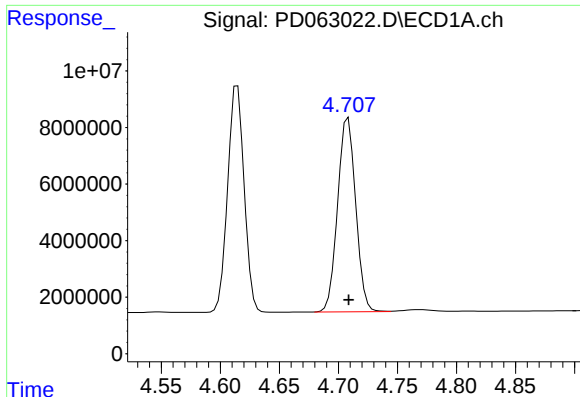
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 75120608  
Conc: 47.75 ng/ml



#4 Heptachlor

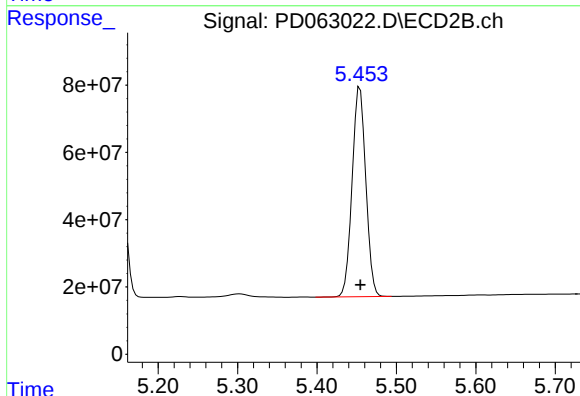
R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 779520012  
Conc: 47.01 ng/ml



#5 Aldrin

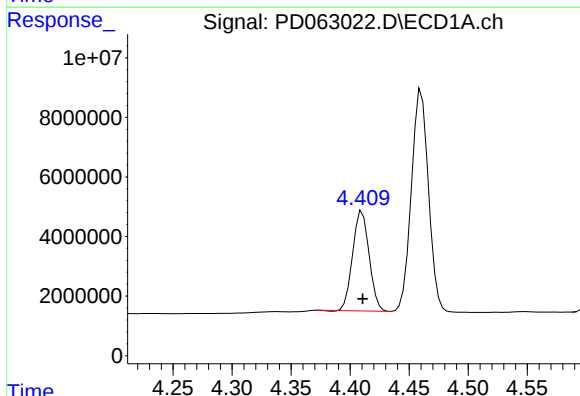
R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 73156084  
Conc: 47.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



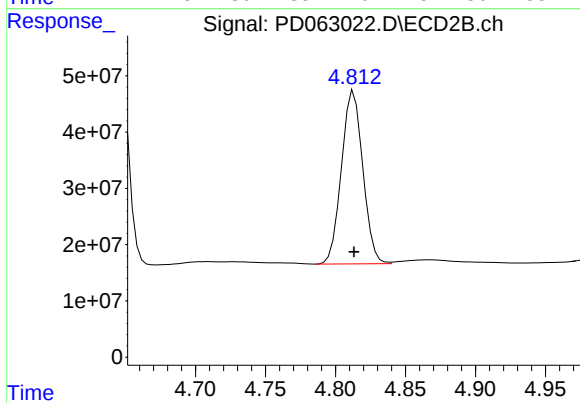
#5 Aldrin

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 745877443  
Conc: 44.68 ng/ml



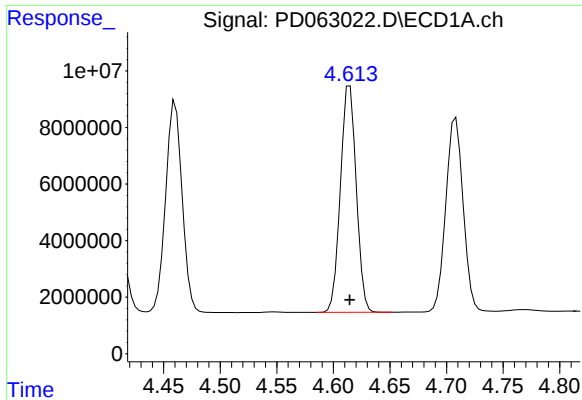
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 32632919  
Conc: 40.49 ng/ml



#6 beta-BHC

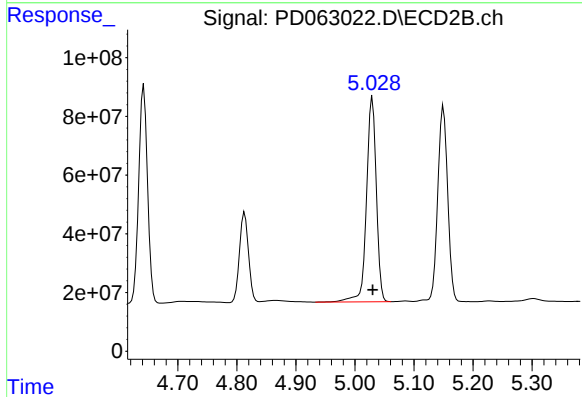
R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 326772323  
Conc: 44.05 ng/ml



#7 delta-BHC

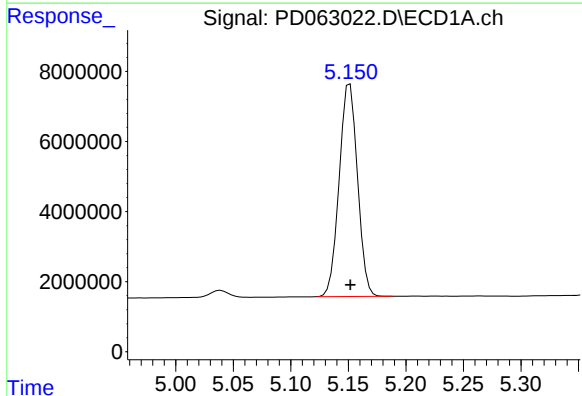
R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 78014138  
Conc: 47.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



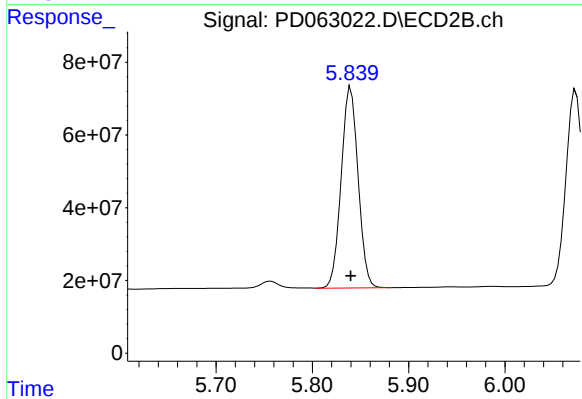
#7 delta-BHC

R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 805578807  
Conc: 57.66 ng/ml



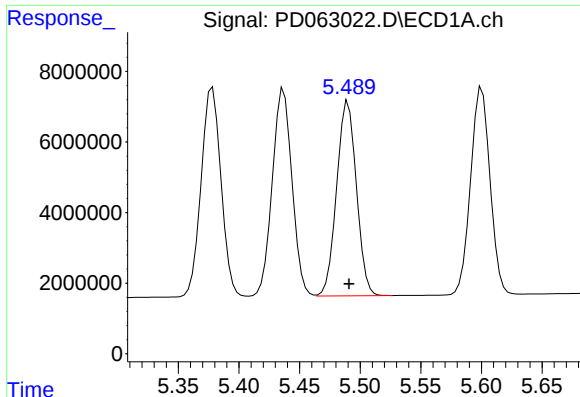
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 67446364  
Conc: 46.80 ng/ml



#8 Heptachlor epoxide

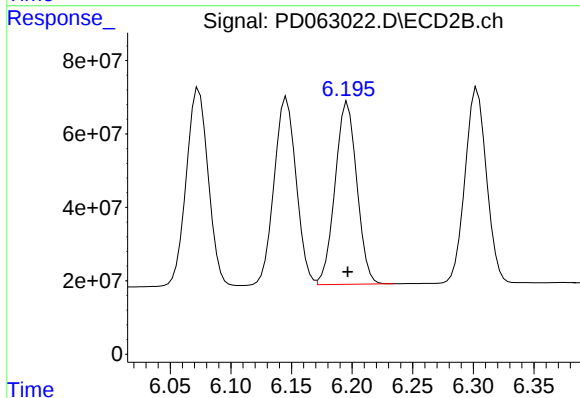
R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 673740778  
Conc: 44.05 ng/ml



#9 Endosulfan I

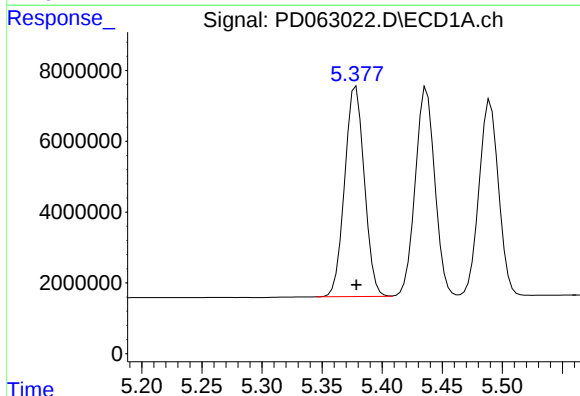
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 62520964  
Conc: 46.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



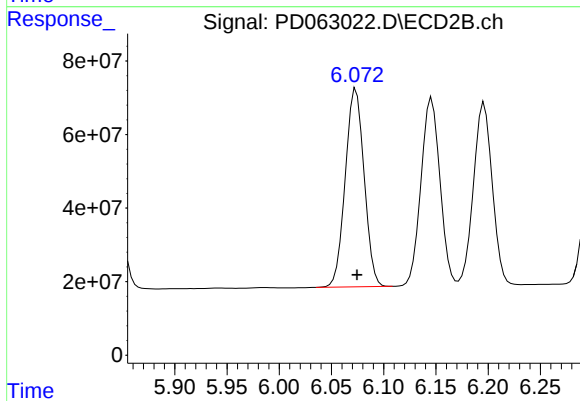
#9 Endosulfan I

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 619852741  
Conc: 43.64 ng/ml



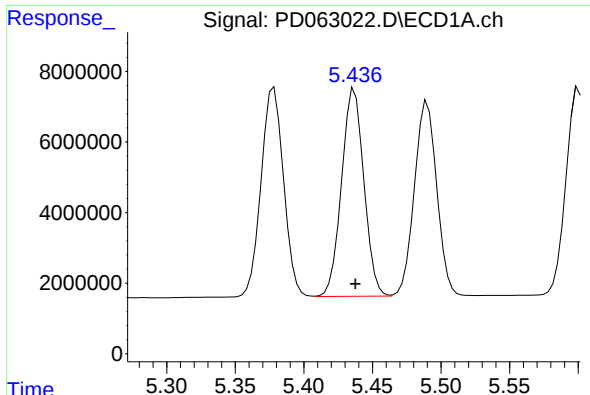
#10 gamma-Chlordane

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 67637561  
Conc: 46.11 ng/ml



#10 gamma-Chlordane

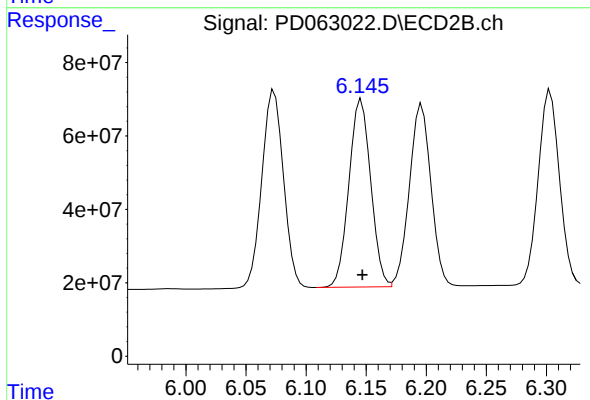
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 676332298  
Conc: 43.39 ng/ml



#11 alpha-Chlordane

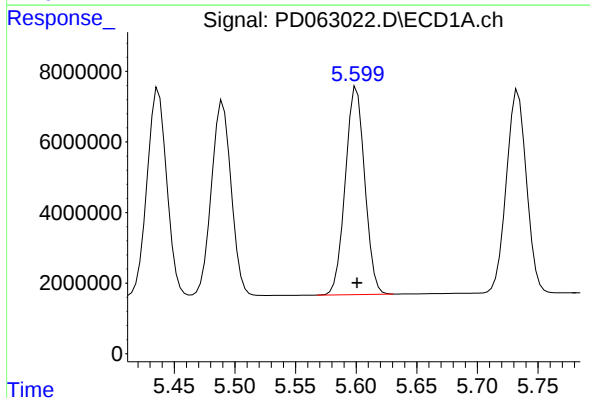
R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 66652283  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



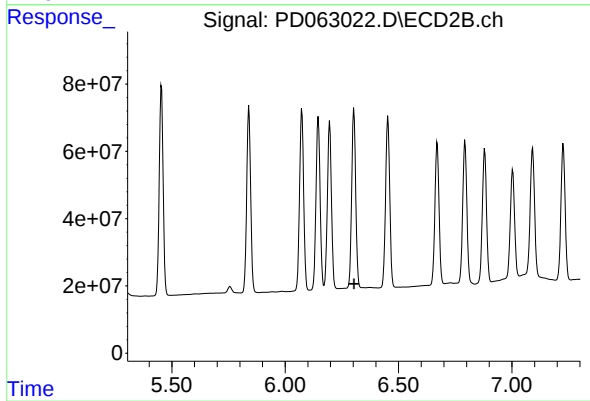
#11 alpha-Chlordane

R.T.: 6.146 min  
Delta R.T.: 0.000 min  
Response: 647016252  
Conc: 43.66 ng/ml



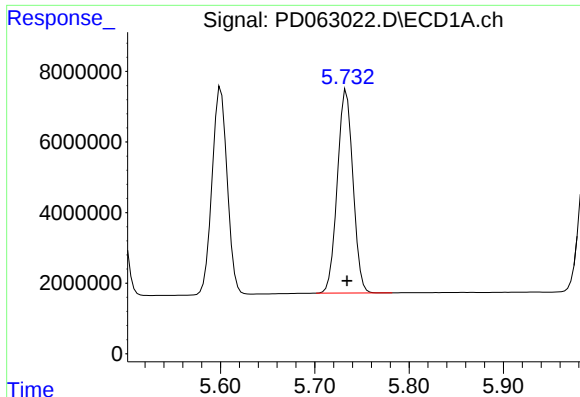
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: 0.000 min  
Response: 65553492  
Conc: 45.69 ng/ml



#12 4,4'-DDE

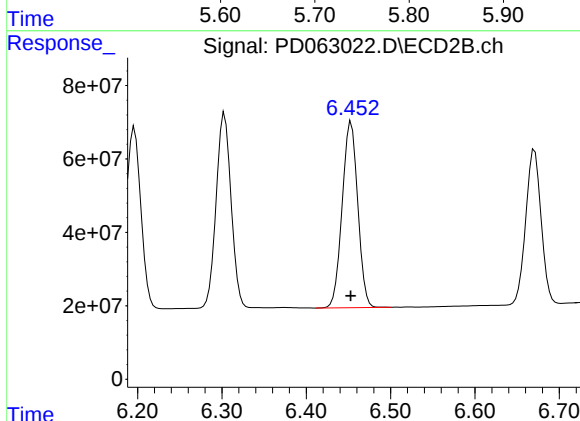
R.T.: 0.000 min  
Exp R.T.: 6.304 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

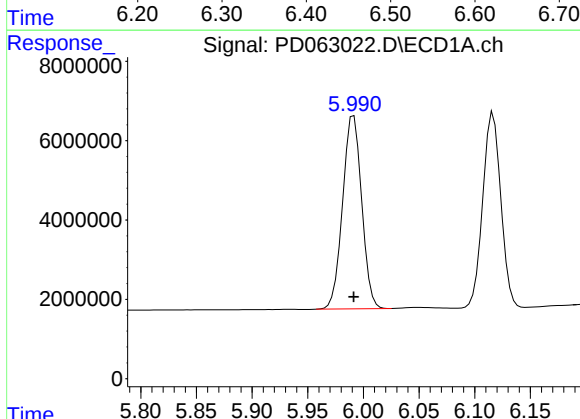
R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 66371419  
Conc: 44.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



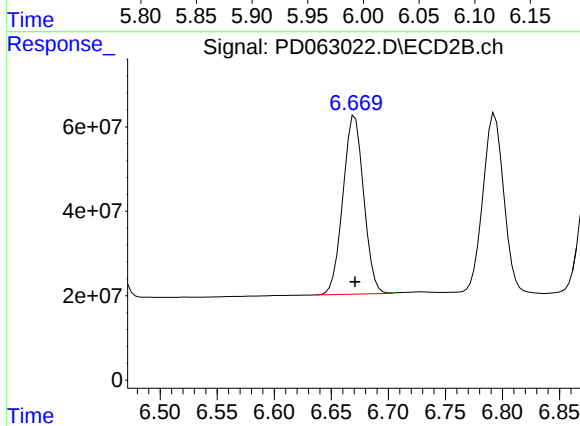
#13 Dieldrin

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 651818650  
Conc: 42.99 ng/ml



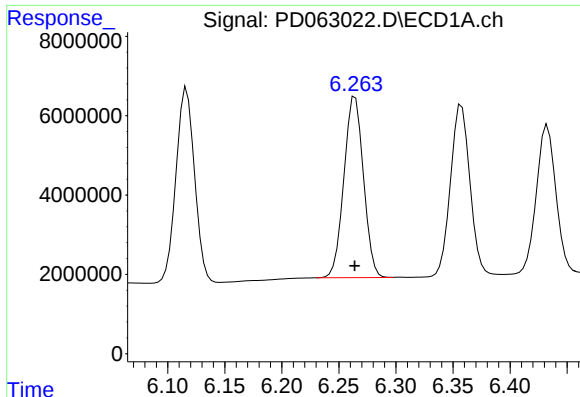
#14 Endrin

R.T.: 5.991 min  
Delta R.T.: 0.000 min  
Response: 58043313  
Conc: 43.40 ng/ml



#14 Endrin

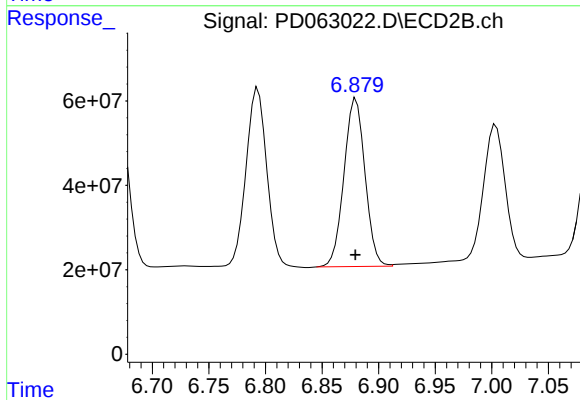
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 535018919  
Conc: 41.93 ng/ml



#15 Endosulfan II

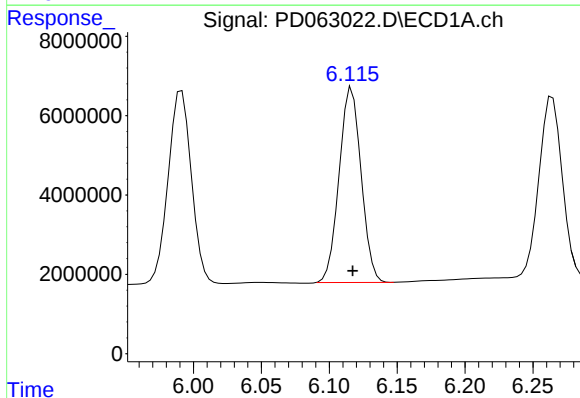
R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 54355463  
Conc: 43.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



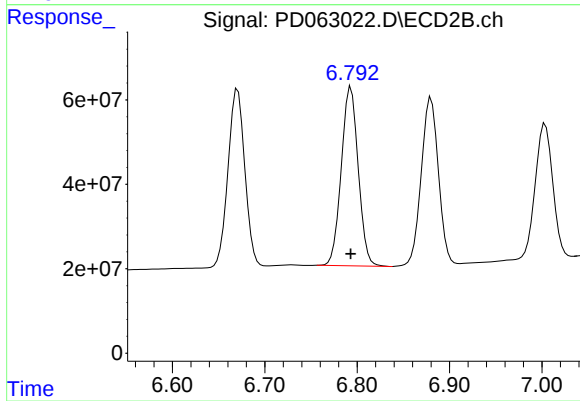
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 515604335  
Conc: 43.00 ng/ml



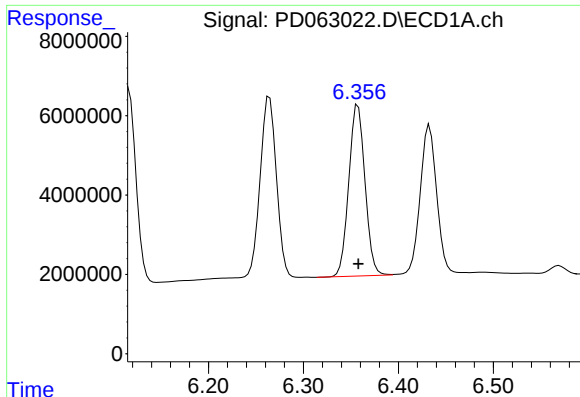
#16 4,4'-DDD

R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 55447868  
Conc: 46.09 ng/ml



#16 4,4'-DDD

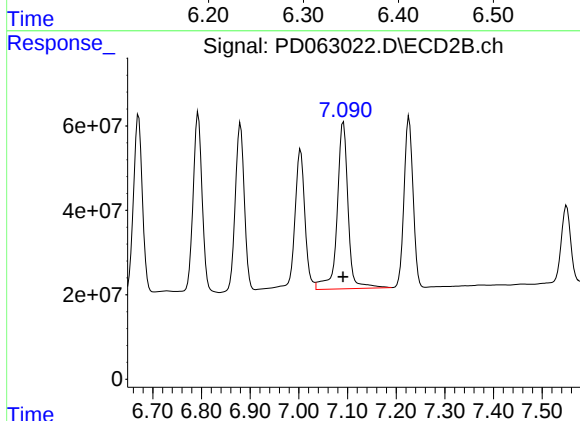
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 540820387  
Conc: 44.58 ng/ml



#17 4,4'-DDT

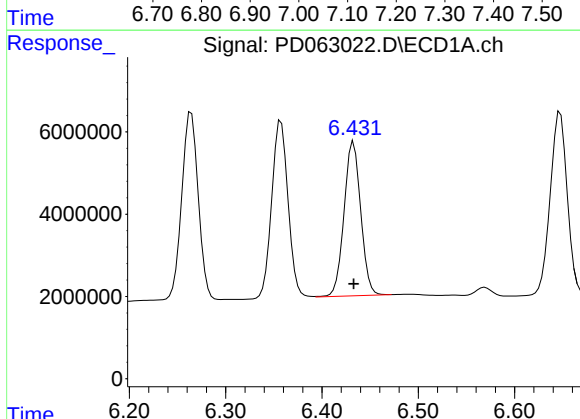
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 51160611  
Conc: 44.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



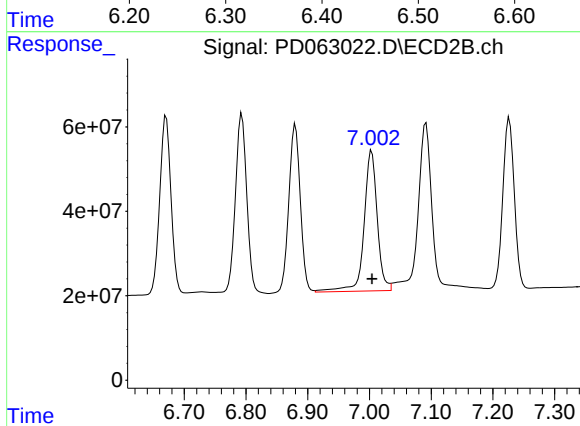
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 619259356  
Conc: 54.92 ng/ml



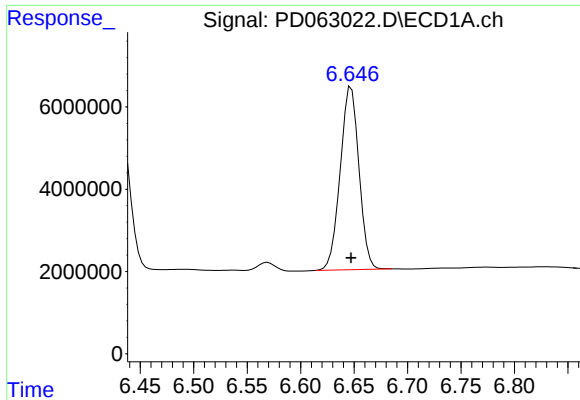
#18 Endrin aldehyde

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 45016930  
Conc: 42.35 ng/ml



#18 Endrin aldehyde

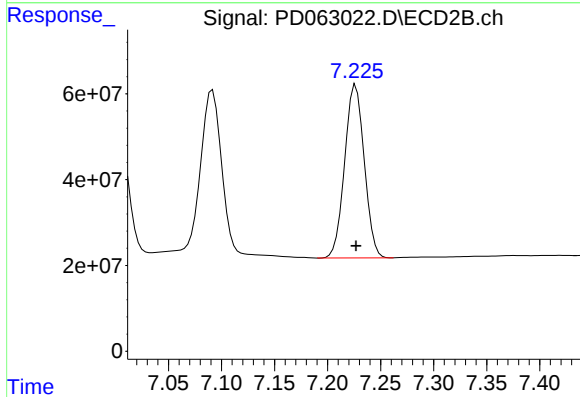
R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 495328547  
Conc: 48.64 ng/ml



#19 Endosulfan Sulfate

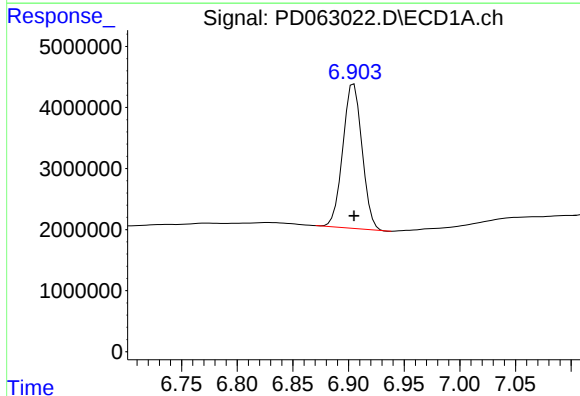
R.T.: 6.647 min  
Delta R.T.: 0.000 min  
Response: 54328990  
Conc: 45.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



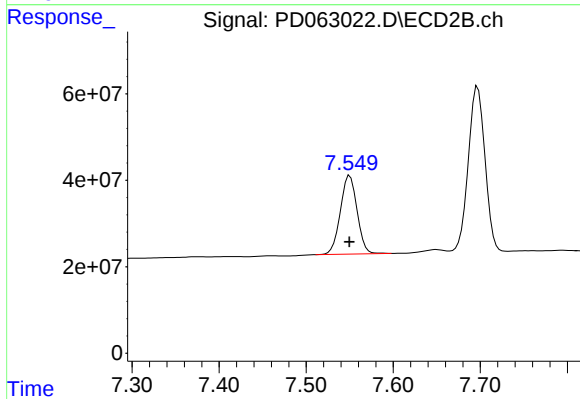
#19 Endosulfan Sulfate

R.T.: 7.227 min  
Delta R.T.: 0.000 min  
Response: 518863529  
Conc: 42.29 ng/ml



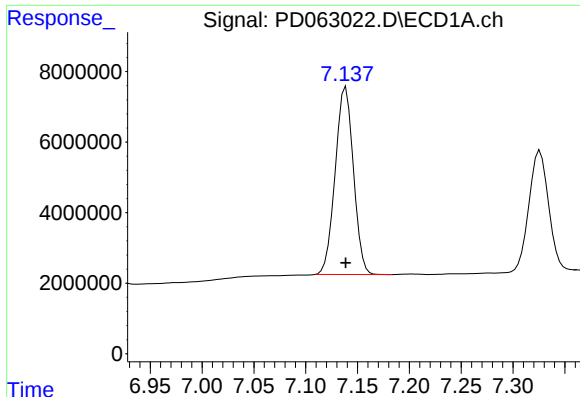
#20 Methoxychlor

R.T.: 6.905 min  
Delta R.T.: 0.000 min  
Response: 28495317  
Conc: 42.46 ng/ml



#20 Methoxychlor

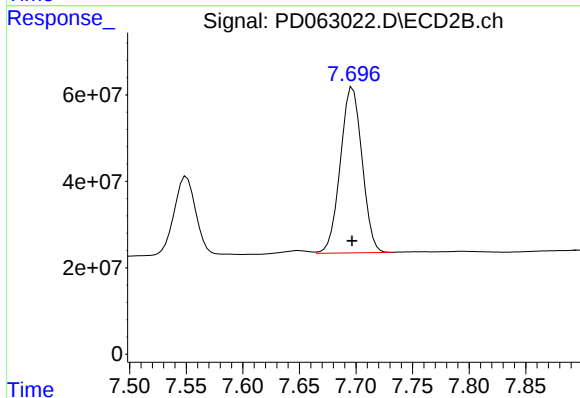
R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 242290874  
Conc: 42.24 ng/ml



#21 Endrin ketone

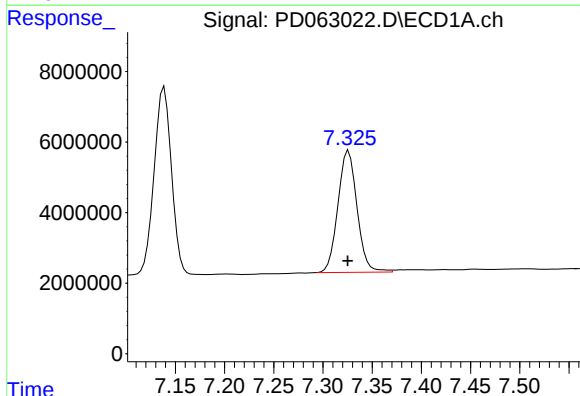
R.T.: 7.139 min  
Delta R.T.: 0.000 min  
Response: 65112020  
Conc: 44.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



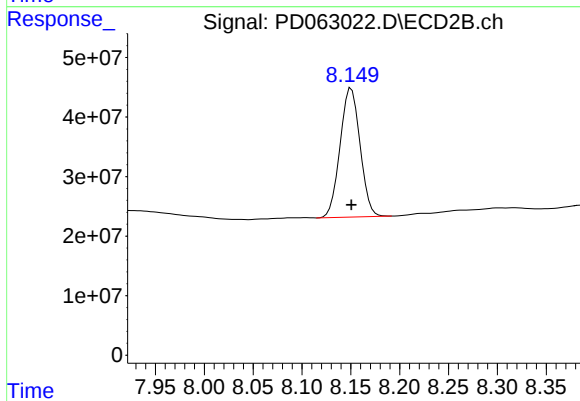
#21 Endrin ketone

R.T.: 7.697 min  
Delta R.T.: 0.000 min  
Response: 511756660  
Conc: 42.66 ng/ml



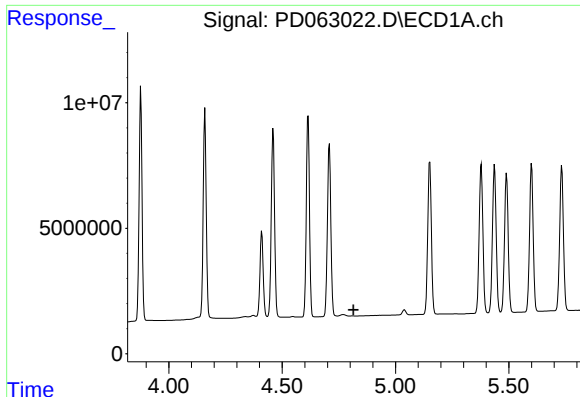
#22 Mirex

R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 46763653  
Conc: 43.58 ng/ml



#22 Mirex

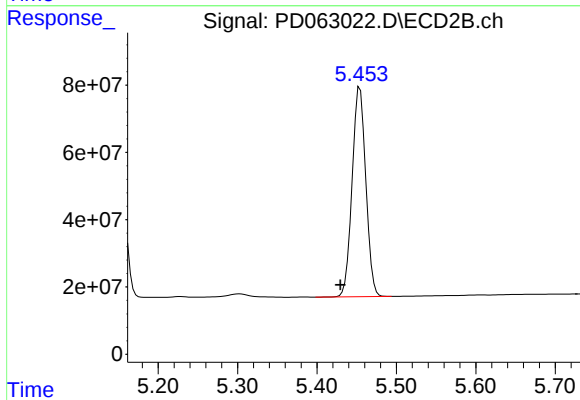
R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 308183015  
Conc: 40.53 ng/ml



#24 Chlordane-2

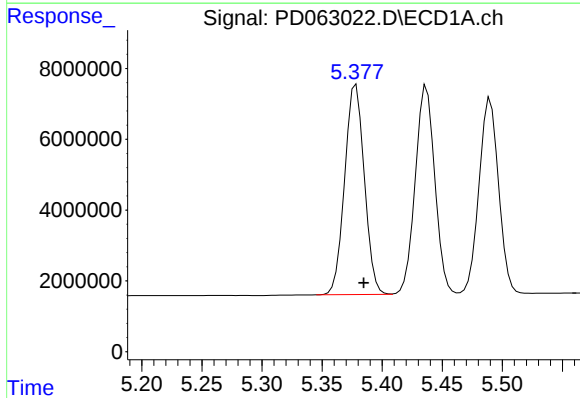
R.T.: 0.000 min  
Exp R.T.: 4.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



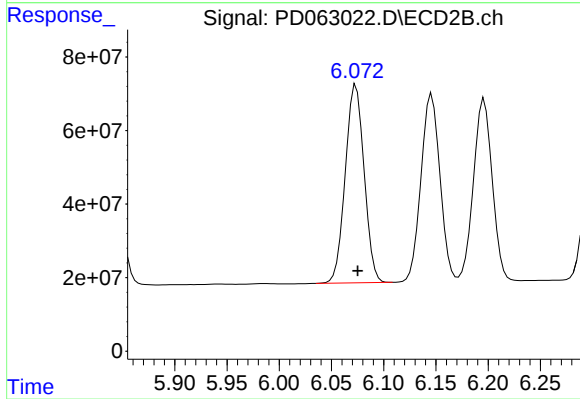
#24 Chlordane-2

R.T.: 5.454 min  
Delta R.T.: 0.025 min  
Response: 745877443  
Conc: 1530.30 ng/ml



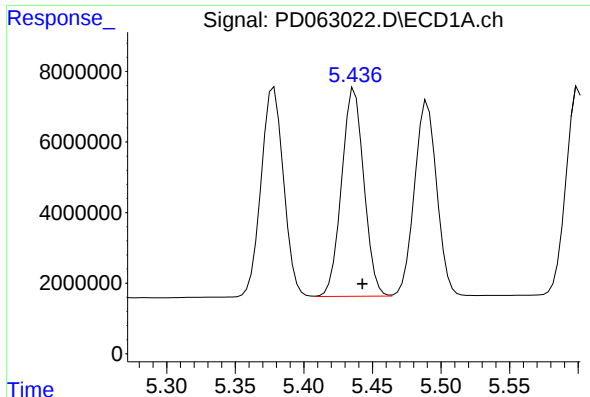
#25 Chlordane-3

R.T.: 5.378 min  
Delta R.T.: -0.006 min  
Response: 67637561  
Conc: 470.91 ng/ml



#25 Chlordane-3

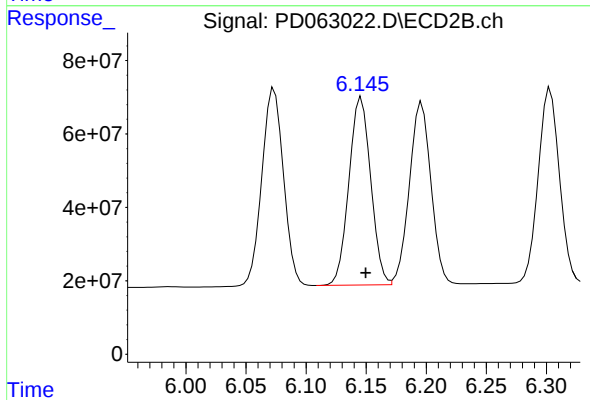
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 676332298  
Conc: 329.88 ng/ml



#26 Chlordane-4

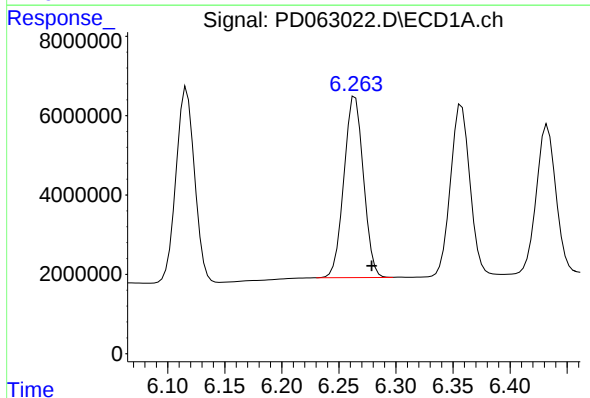
R.T.: 5.437 min  
Delta R.T.: -0.006 min  
Response: 66652283  
Conc: 564.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



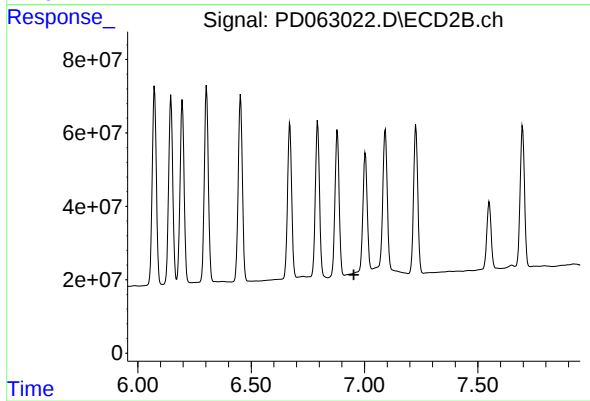
#26 Chlordane-4

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 647016252  
Conc: 275.06 ng/ml



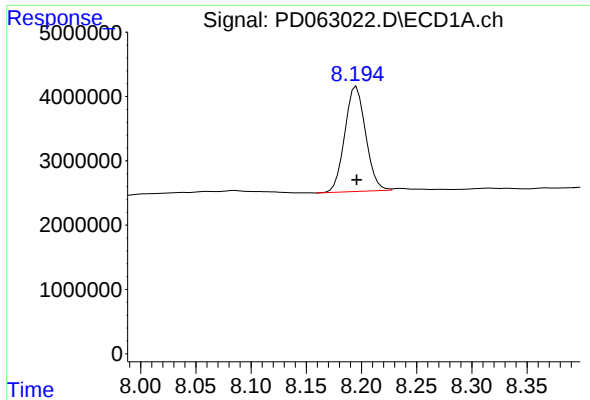
#27 Chlordane-5

R.T.: 6.264 min  
Delta R.T.: -0.014 min  
Response: 54355463  
Conc: 1183.47 ng/ml



#27 Chlordane-5

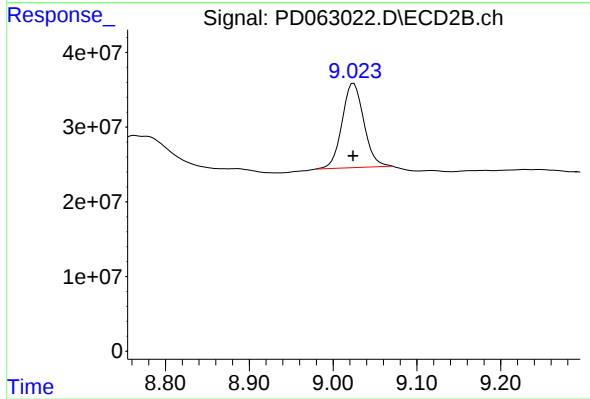
R.T.: 0.000 min  
Exp R.T.: 6.953 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 21392348  
Conc: 17.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 204496293  
Conc: 20.04 ng/ml