

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 08:27:01 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 |
| 2)                          | 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 | 6.303 | 65553492 | 655.2E6 | 45.694 | 43.408 |
| 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 | 508.4E6 | 43.690 | 42.399 |
| 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 | 510.9E6 | 44.761 | 45.309 |
| 18)                         | B Endrin al...  | 6.433 | 7.004 | 45016930 | 417.8E6 | 42.351 | 41.019 |
| 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 |
| -----                       |                 |       |       |          |         |        |        |

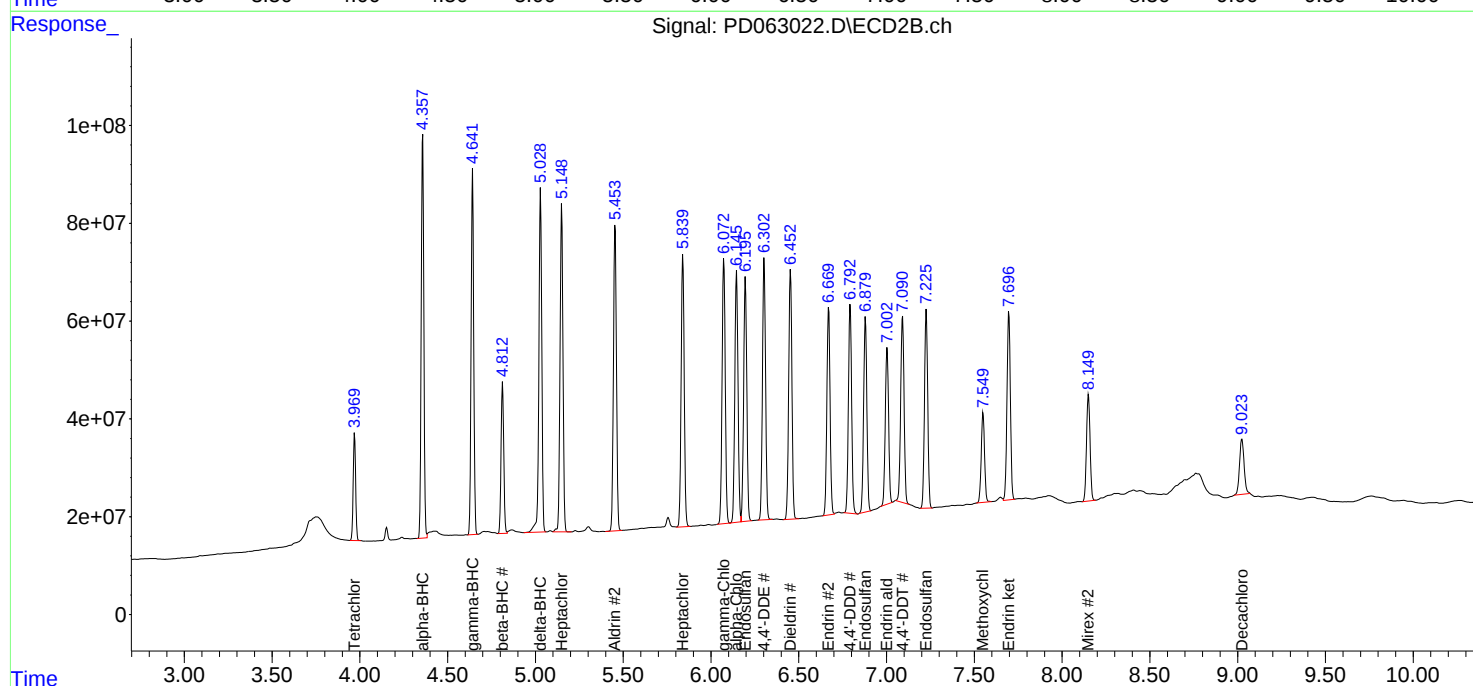
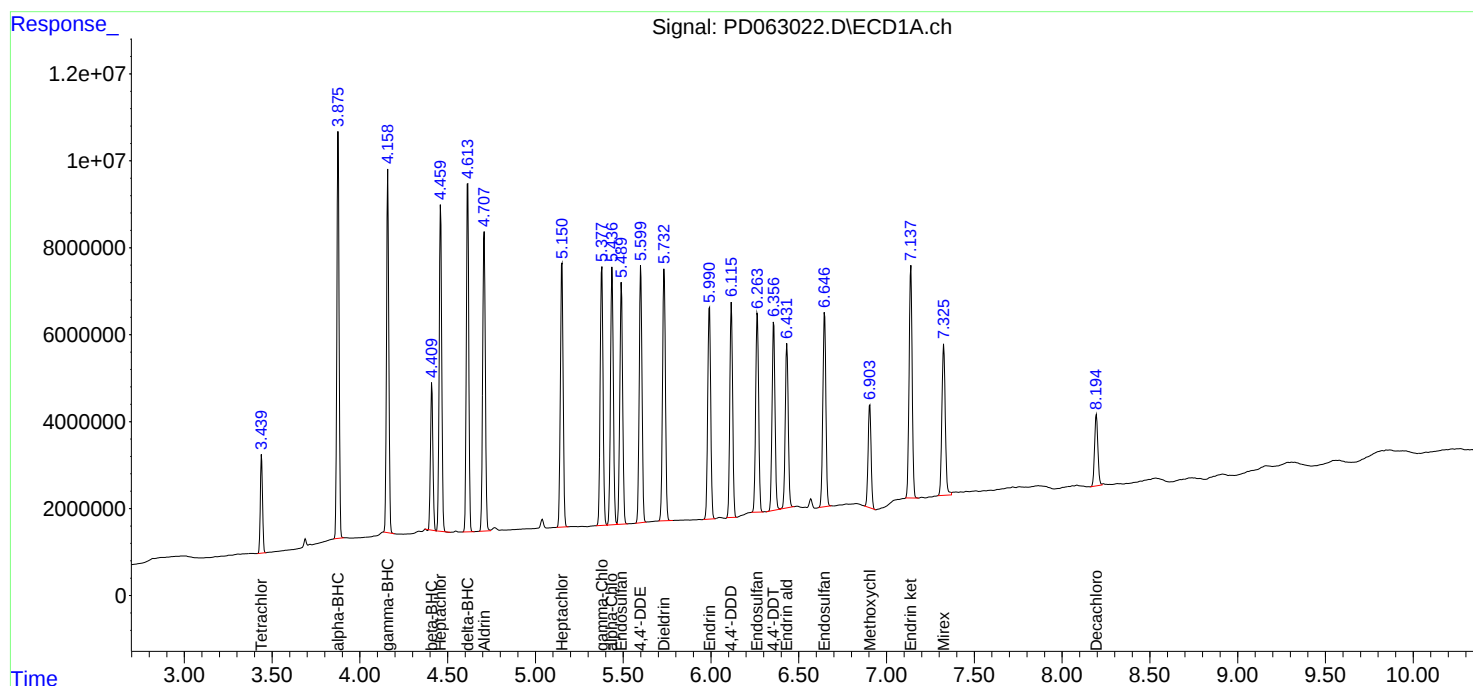
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

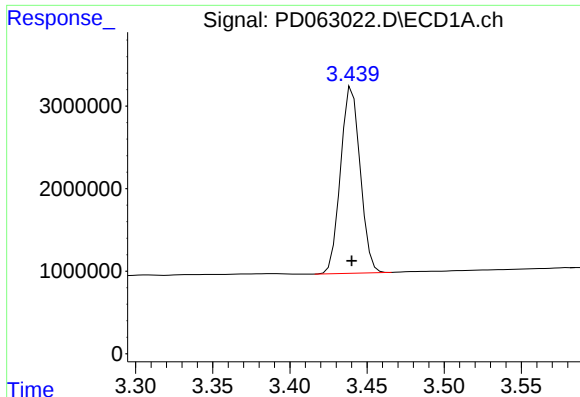
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
Data File : PD063022.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2021 19:26  
Operator : AR\AJ  
Sample : PB136391BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 08:27:01 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 2021  
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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

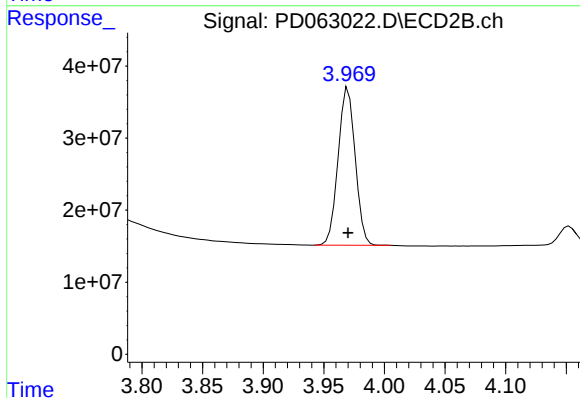




#1 Tetrachloro-m-xylene

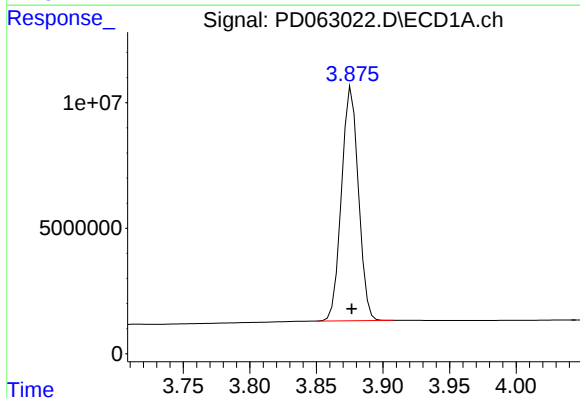
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 19971907  
Conc: 18.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



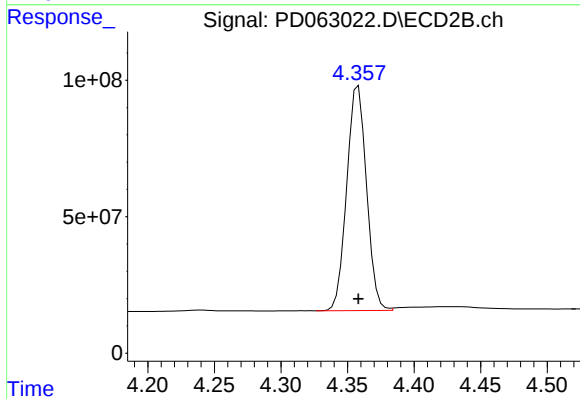
#1 Tetrachloro-m-xylene

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



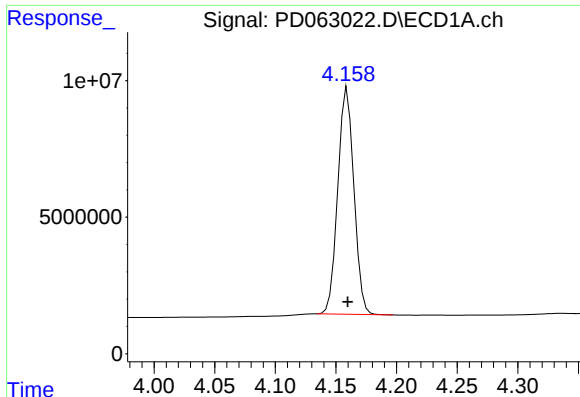
#2 alpha-BHC

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



#2 alpha-BHC

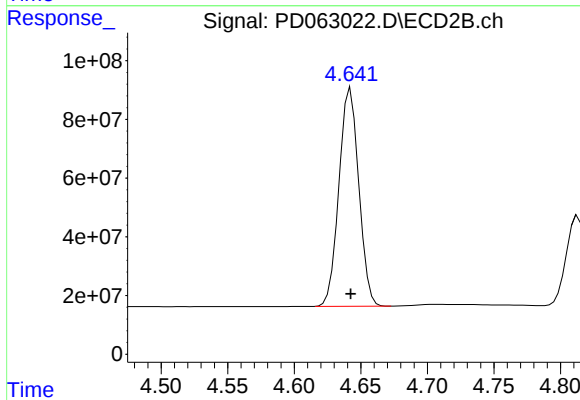
R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 851839996  
Conc: 44.24 ng/ml



#3 gamma-BHC (Lindane)

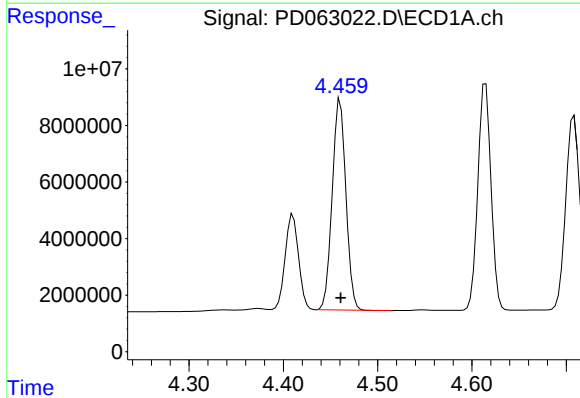
R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 76543308  
Conc: 47.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



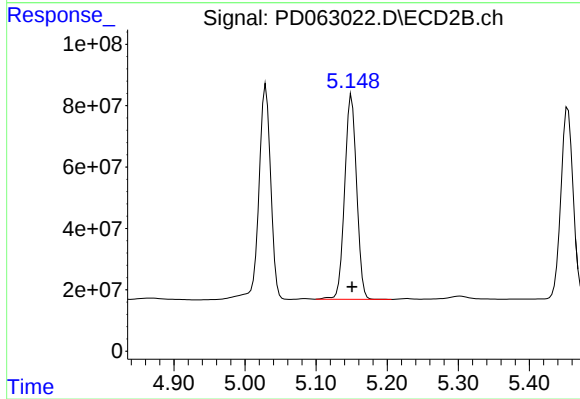
#3 gamma-BHC (Lindane)

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



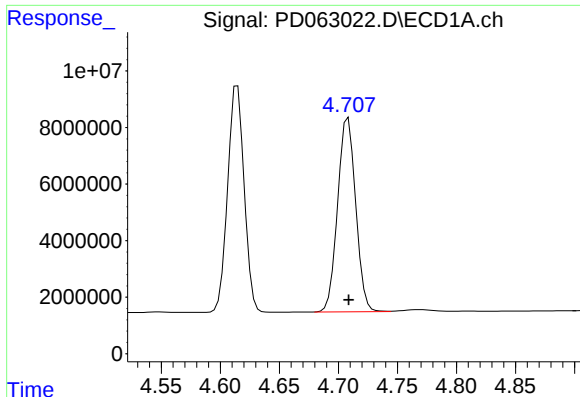
#4 Heptachlor

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



#4 Heptachlor

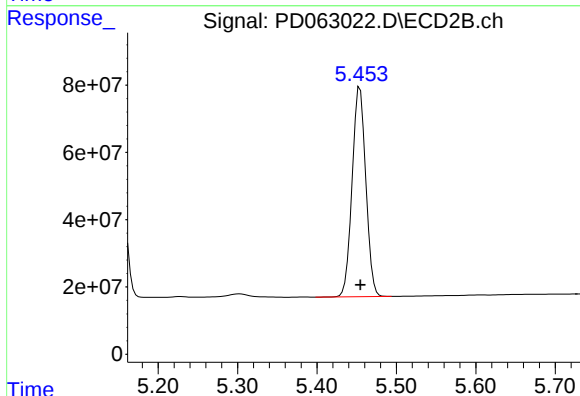
R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 779520012  
Conc: 47.01 ng/ml



#5 Aldrin

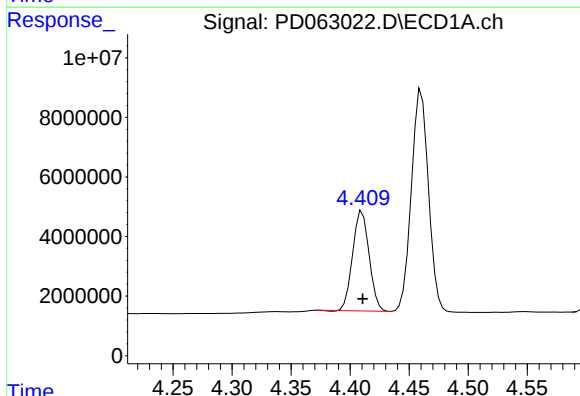
R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 73156084  
Conc: 47.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



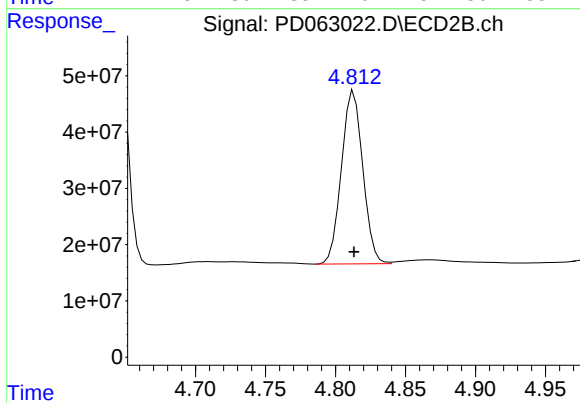
#5 Aldrin

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



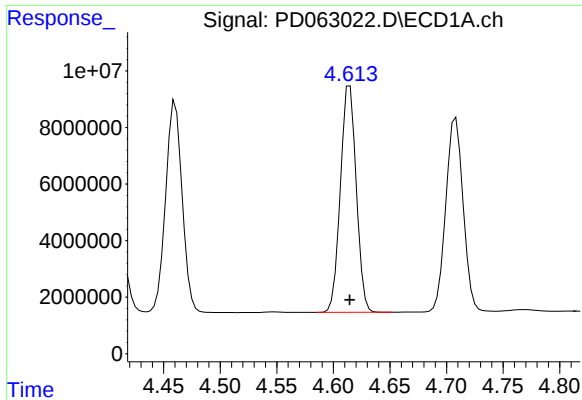
#6 beta-BHC

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



#6 beta-BHC

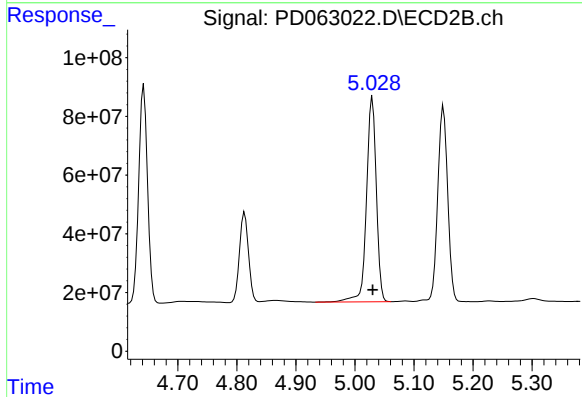
R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 326772323  
Conc: 44.05 ng/ml



#7 delta-BHC

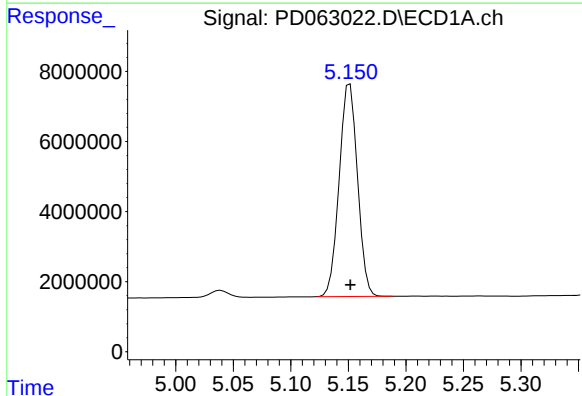
R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 78014138  
Conc: 47.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



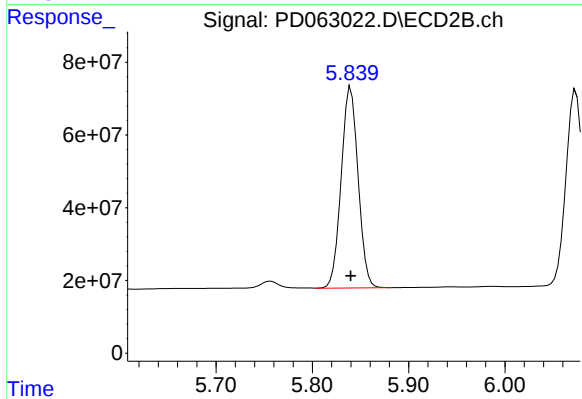
#7 delta-BHC

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



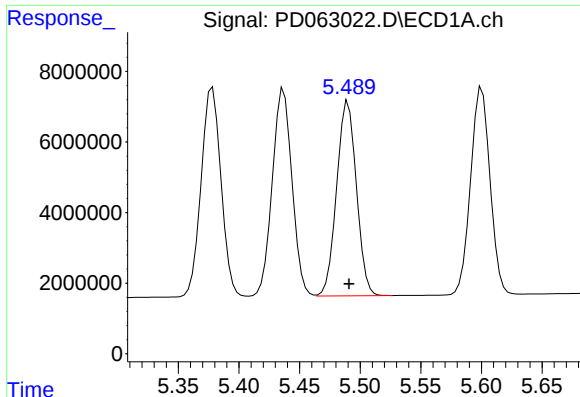
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

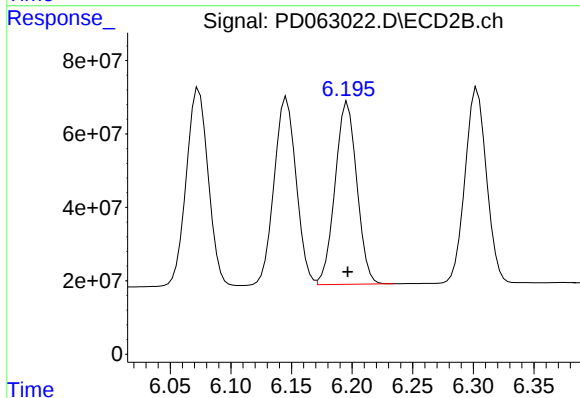
R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 673740778  
Conc: 44.05 ng/ml



#9 Endosulfan I

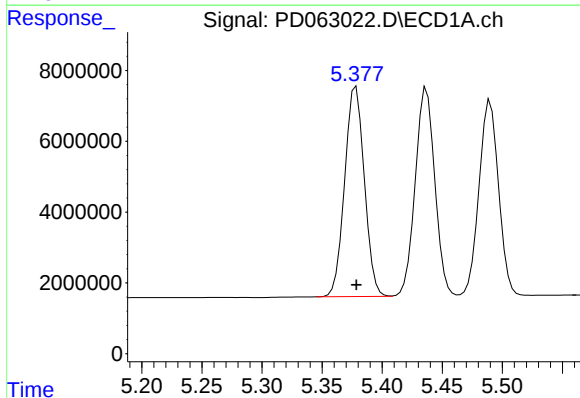
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 62520964  
Conc: 46.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



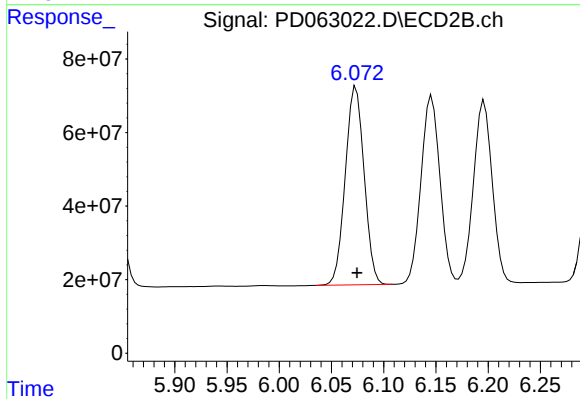
#9 Endosulfan I

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



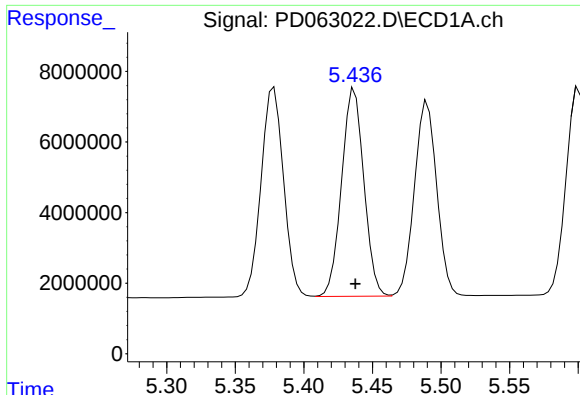
#10 gamma-Chlordane

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



#10 gamma-Chlordane

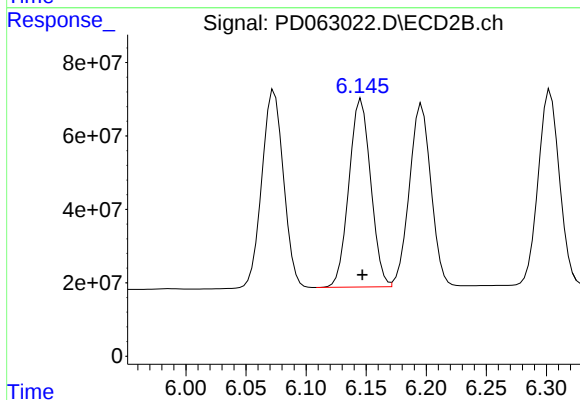
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 676332298  
Conc: 43.39 ng/ml



#11 alpha-Chlordane

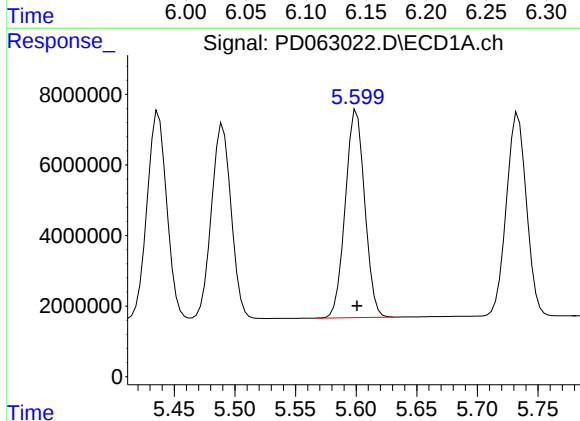
R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 66652283  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



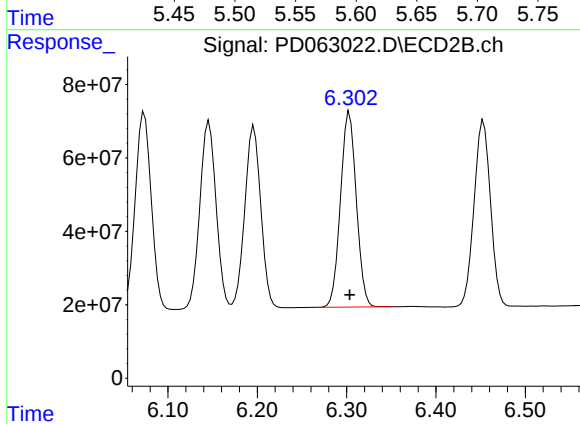
#11 alpha-Chlordane

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



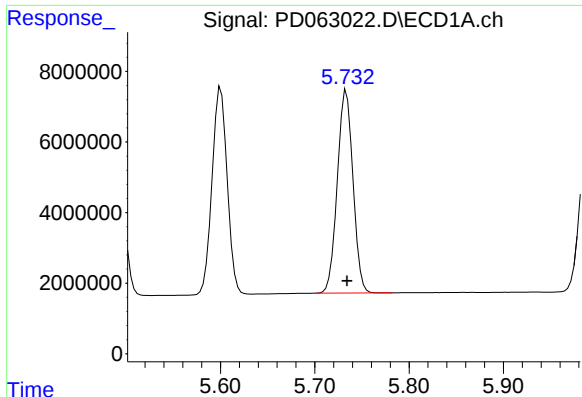
#12 4,4'-DDE

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



#12 4,4'-DDE

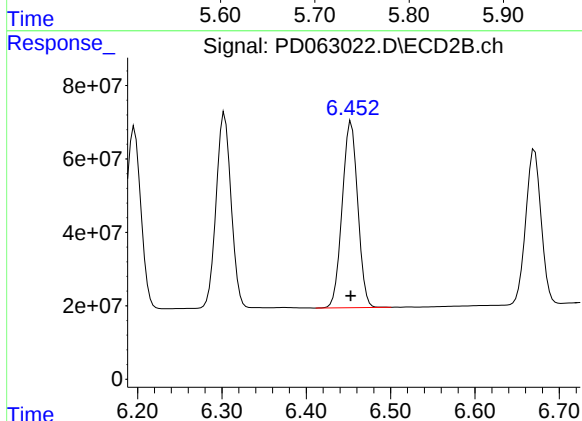
R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 655210863  
Conc: 43.41 ng/ml



#13 Dieldrin

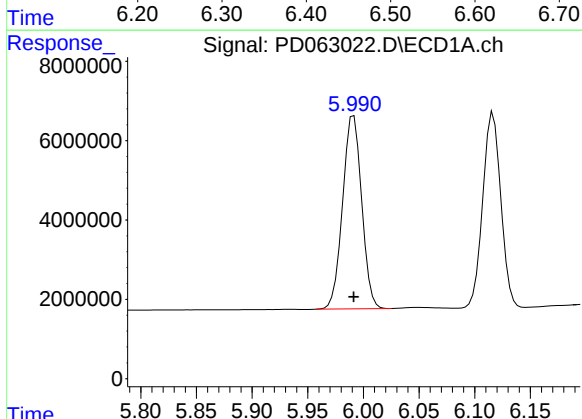
R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 66371419  
Conc: 44.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



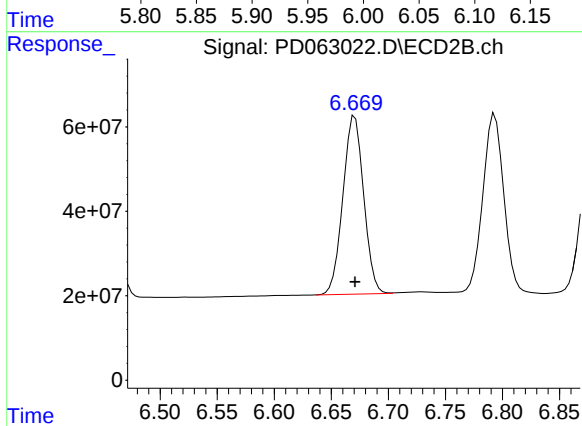
#13 Dieldrin

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



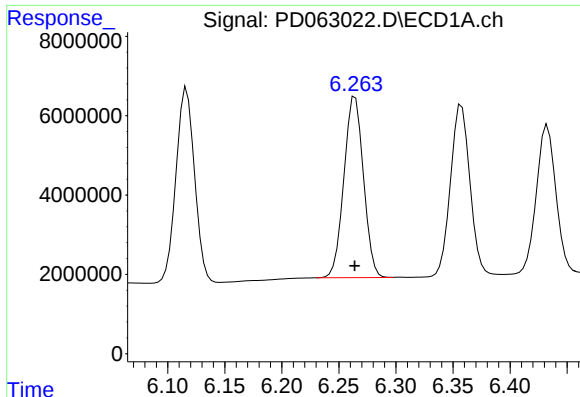
#14 Endrin

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



#14 Endrin

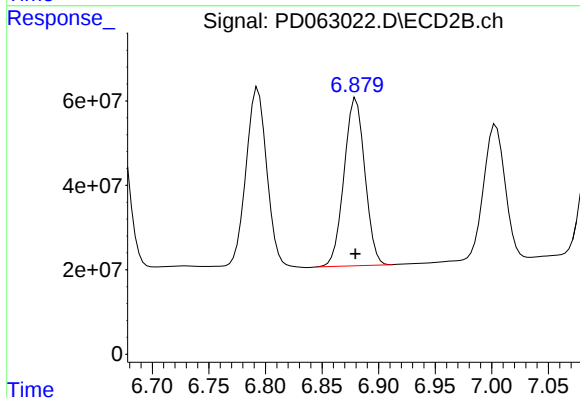
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 535018919  
Conc: 41.93 ng/ml



#15 Endosulfan II

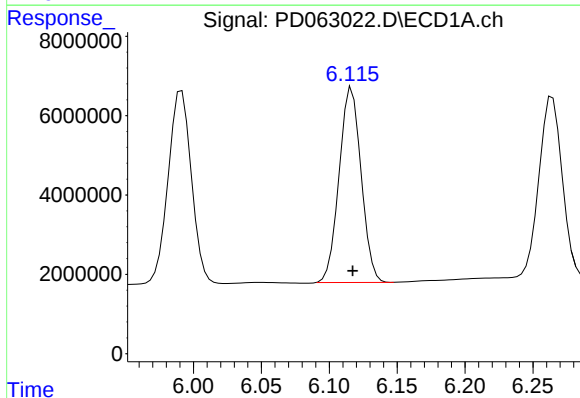
R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 54355463  
Conc: 43.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



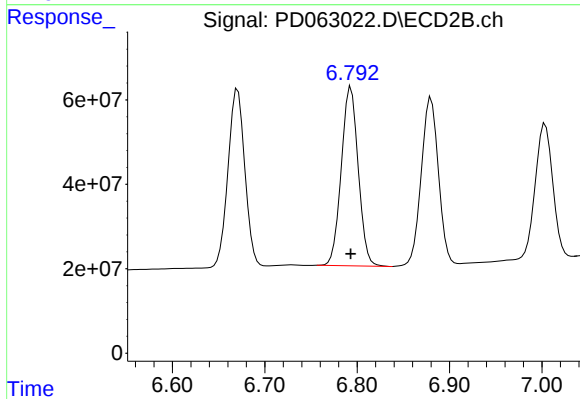
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 508438736  
Conc: 42.40 ng/ml



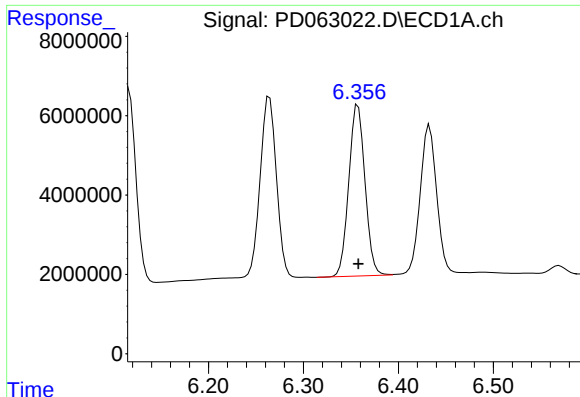
#16 4,4'-DDD

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



#16 4,4'-DDD

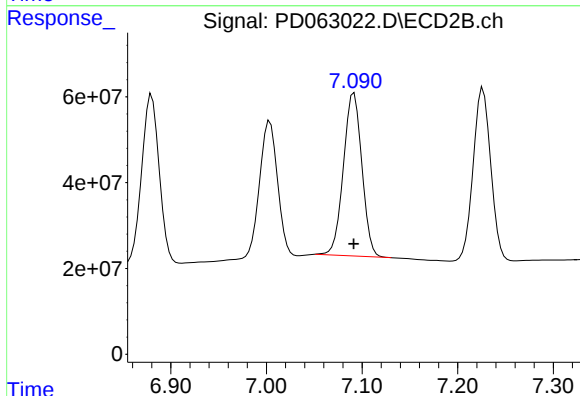
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 540820387  
Conc: 44.58 ng/ml



#17 4,4'-DDT

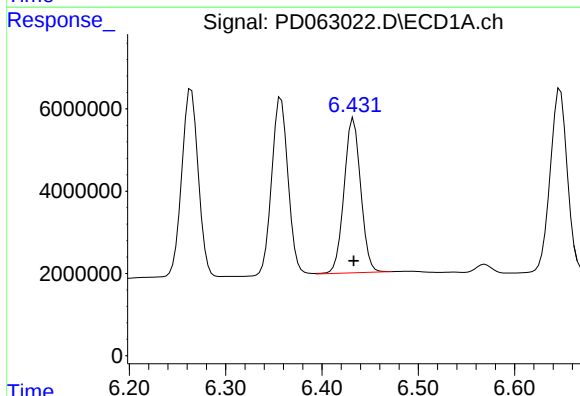
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 51160611  
Conc: 44.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



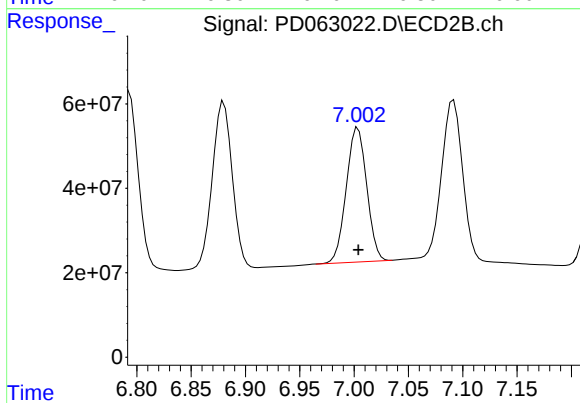
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 510889687  
Conc: 45.31 ng/ml



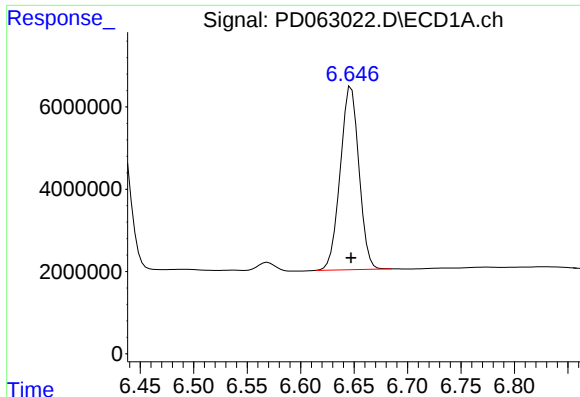
#18 Endrin aldehyde

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



#18 Endrin aldehyde

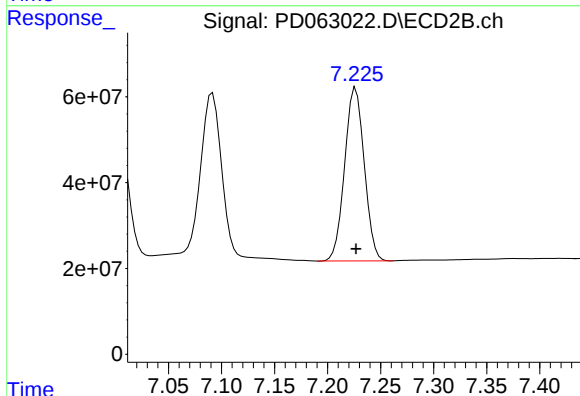
R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 417756696  
Conc: 41.02 ng/ml



#19 Endosulfan Sulfate

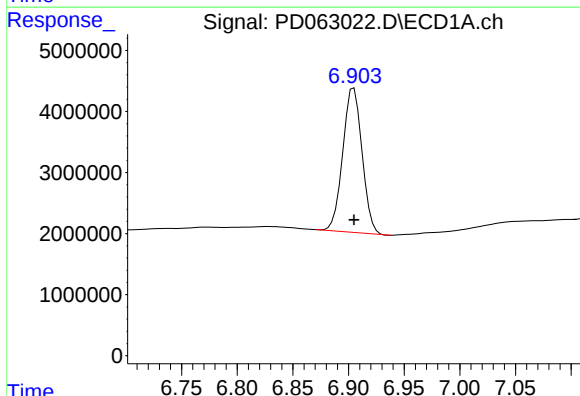
R.T.: 6.647 min  
Delta R.T.: 0.000 min  
Response: 54328990  
Conc: 45.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



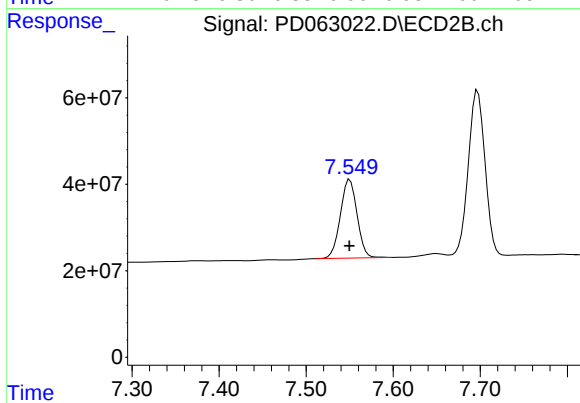
#19 Endosulfan Sulfate

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



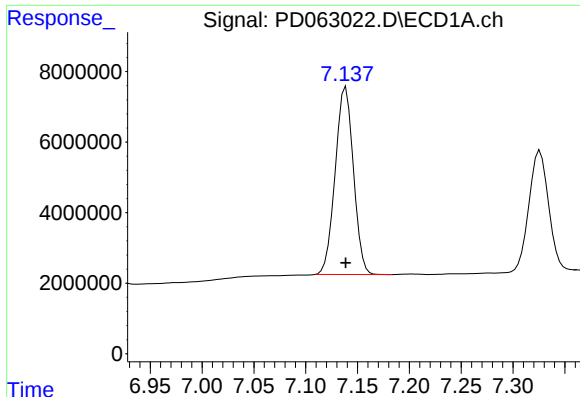
#20 Methoxychlor

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



#20 Methoxychlor

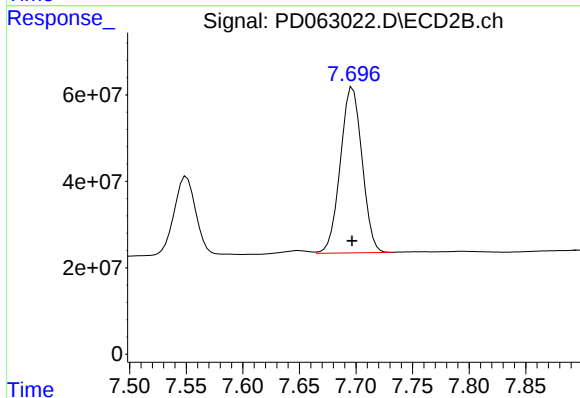
R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 242290874  
Conc: 42.24 ng/ml



#21 Endrin ketone

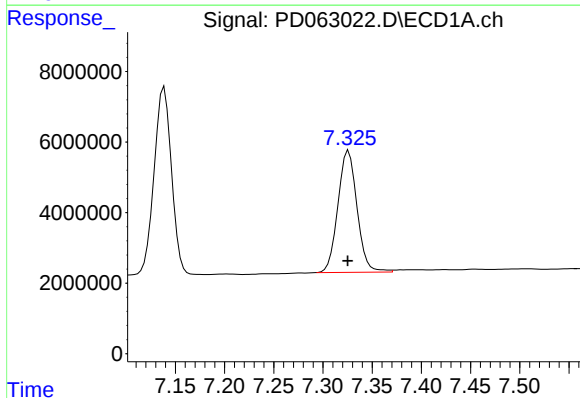
R.T.: 7.139 min  
Delta R.T.: 0.000 min  
Response: 65112020  
Conc: 44.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136391BS



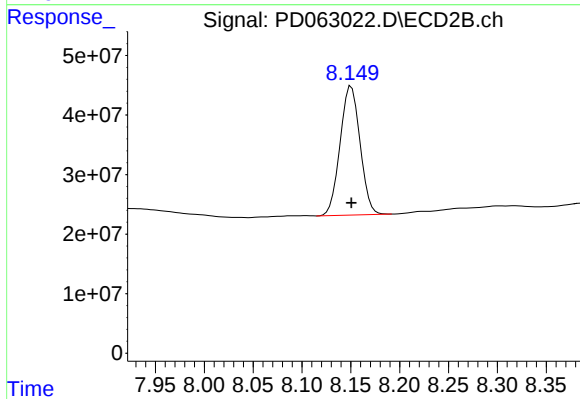
#21 Endrin ketone

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



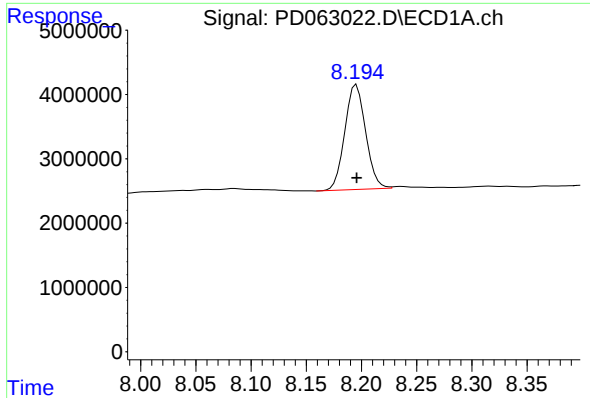
#22 Mirex

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



#22 Mirex

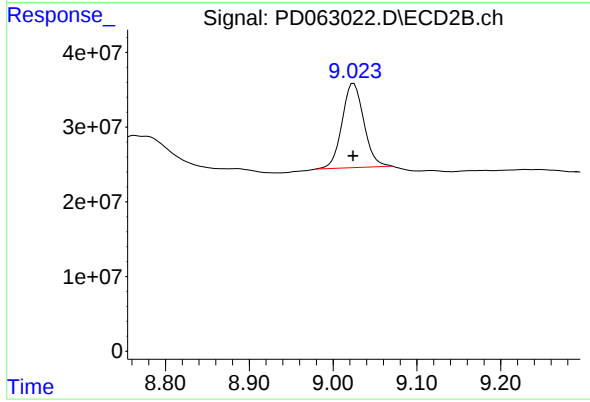
R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 308183015  
Conc: 40.53 ng/ml



#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