

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
 Data File : PD076501.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2023 17:11  
 Operator : AR\AJ  
 Sample : PSTDI100  
 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: Jul 12 01:25:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 01:24:03 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|---------|
| -----                       |                 |       |       |         |          |         |         |
| System Monitoring Compounds |                 |       |       |         |          |         |         |
| 1)                          | SA Tetrachlo... | 3.546 | 2.765 | 219.9E6 | 110.5E6  | 100.574 | 99.855  |
| 28)                         | SA Decachlor... | 9.088 | 7.908 | 239.2E6 | 98296300 | 96.810  | 97.777  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 4.002 | 3.267 | 407.7E6 | 175.1E6  | 104.499 | 105.155 |
| 3)                          | MA gamma-BHC... | 4.336 | 3.597 | 385.6E6 | 168.3E6  | 104.014 | 104.454 |
| 4)                          | MA Heptachlor   | 4.927 | 3.937 | 376.2E6 | 161.2E6  | 102.970 | 103.763 |
| 5)                          | MB Aldrin       | 5.270 | 4.217 | 387.3E6 | 164.9E6  | 102.844 | 104.432 |
| 6)                          | B beta-BHC      | 4.532 | 3.894 | 143.4E6 | 64013255 | 97.777  | 98.616  |
| 7)                          | B delta-BHC     | 4.781 | 4.124 | 367.2E6 | 162.8E6  | 104.111 | 104.853 |
| 8)                          | B Heptachlo...  | 5.698 | 4.719 | 331.8E6 | 145.6E6  | 100.789 | 102.815 |
| 9)                          | A Endosulfan I  | 6.085 | 5.090 | 307.5E6 | 134.4E6  | 101.033 | 102.795 |
| 10)                         | B gamma-Chl...  | 5.954 | 4.970 | 337.3E6 | 145.0E6  | 102.256 | 103.779 |
| 11)                         | B alpha-Chl...  | 6.034 | 5.034 | 333.5E6 | 144.2E6  | 101.214 | 102.813 |
| 12)                         | B 4,4'-DDE      | 6.206 | 5.223 | 312.3E6 | 127.2E6  | 104.113 | 105.116 |
| 13)                         | MA Dieldrin     | 6.360 | 5.355 | 340.9E6 | 149.5E6  | 102.822 | 104.375 |
| 14)                         | MA Endrin       | 6.591 | 5.630 | 280.2E6 | 129.5E6  | 102.884 | 104.258 |
| 15)                         | B Endosulfa...  | 6.810 | 5.924 | 278.7E6 | 122.6E6  | 99.538  | 101.906 |
| 16)                         | A 4,4'-DDD      | 6.724 | 5.778 | 245.8E6 | 102.2E6  | 102.579 | 104.297 |
| 17)                         | MA 4,4'-DDT     | 7.039 | 6.029 | 255.1E6 | 105.6E6  | 105.535 | 107.499 |
| 18)                         | B Endrin al...  | 6.941 | 6.104 | 209.6E6 | 95055207 | 91.731  | 93.824  |
| 19)                         | B Endosulfa...  | 7.176 | 6.327 | 257.9E6 | 115.7E6  | 99.941  | 101.558 |
| 20)                         | A Methoxychlor  | 7.515 | 6.605 | 135.7E6 | 54942532 | 98.580  | 100.343 |
| 21)                         | B Endrin ke...  | 7.662 | 6.834 | 300.9E6 | 138.8E6  | 100.958 | 101.403 |
| 22)                         | Mirex           | 8.137 | 7.015 | 211.5E6 | 104.9E6  | 97.757  | 98.518  |
| -----                       |                 |       |       |         |          |         |         |

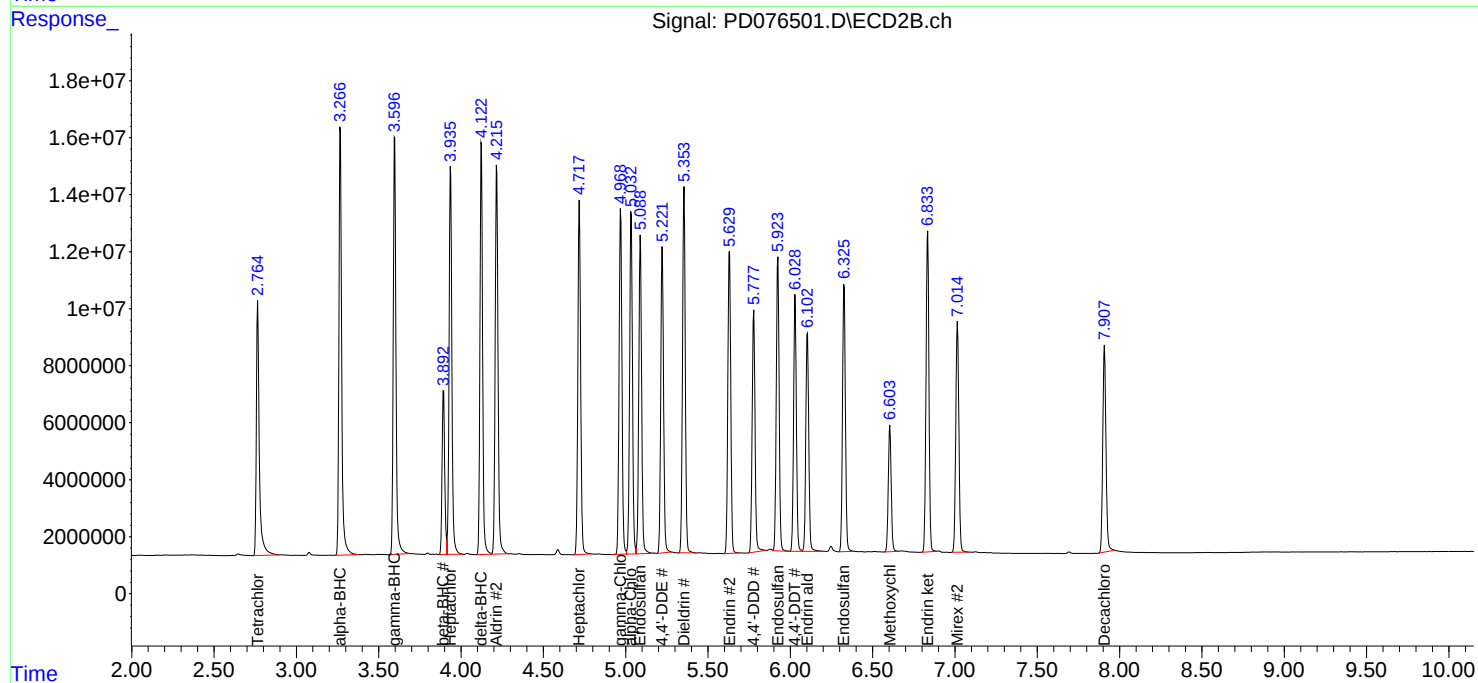
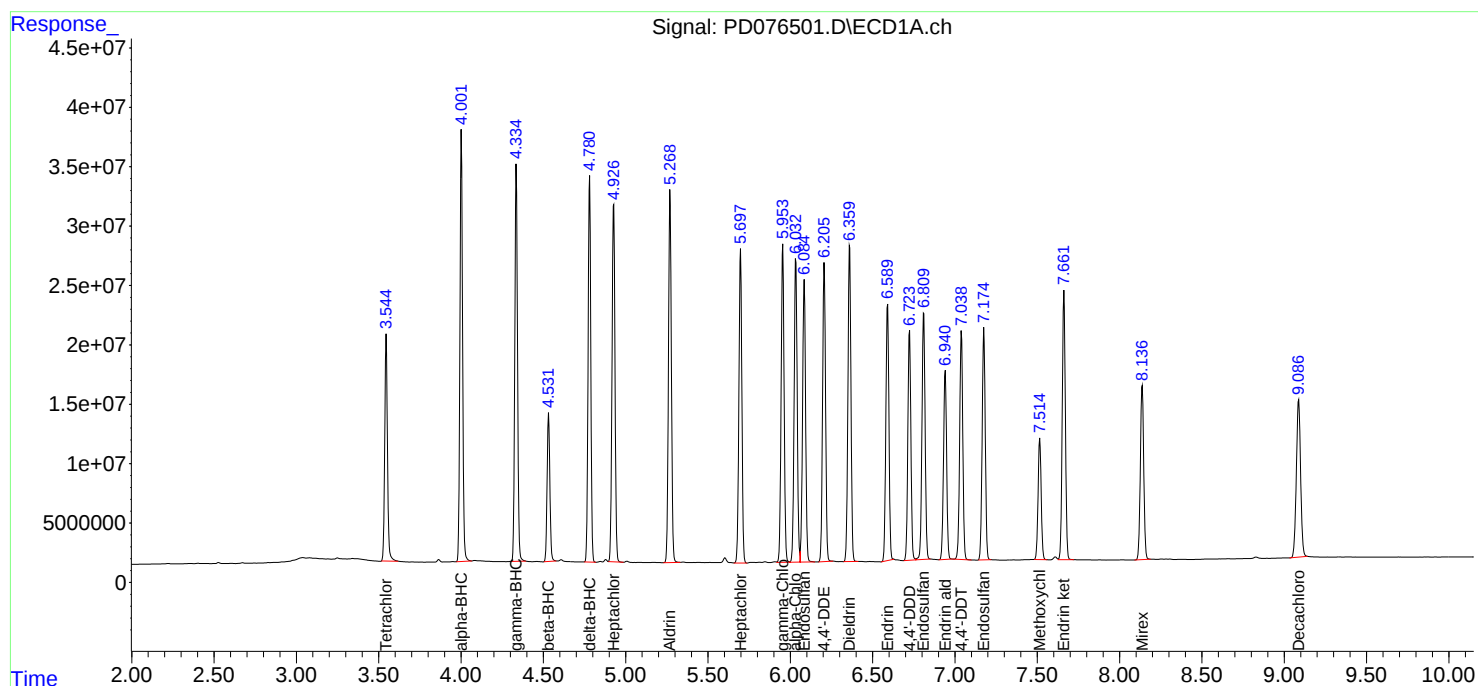
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

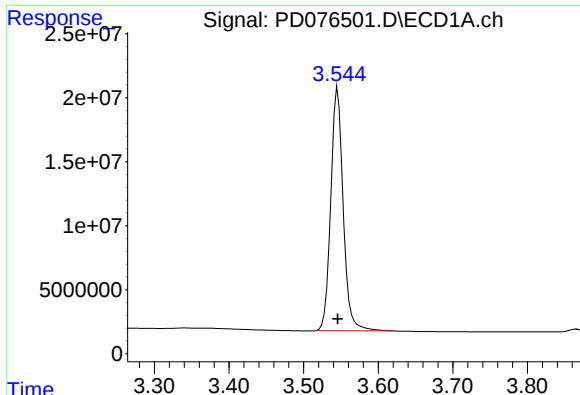
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071123\  
Data File : PD076501.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2023 17:11  
Operator : AR\AJ  
Sample : PSTDICC100  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 01:25:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071123.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 12 01:24:03 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

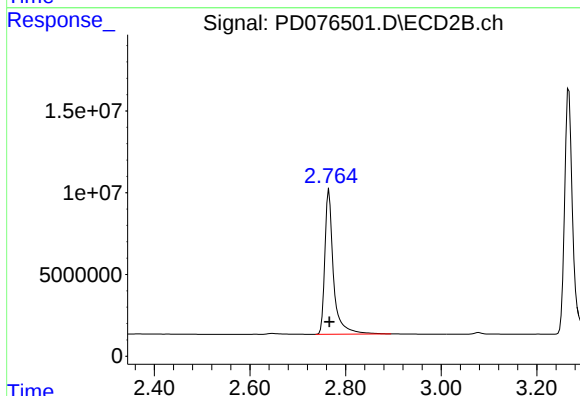




#1 Tetrachloro-m-xylene

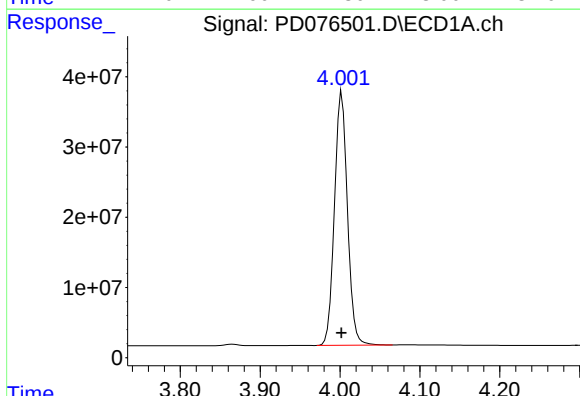
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 219908122  
Conc: 100.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



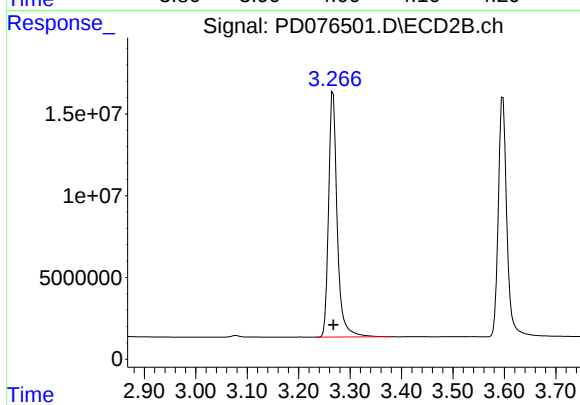
#1 Tetrachloro-m-xylene

R.T.: 2.765 min  
Delta R.T.: 0.000 min  
Response: 110482143  
Conc: 99.86 ng/ml



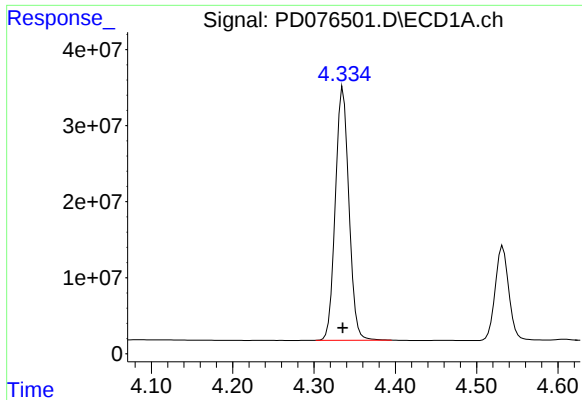
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 407684198  
Conc: 104.50 ng/ml



#2 alpha-BHC

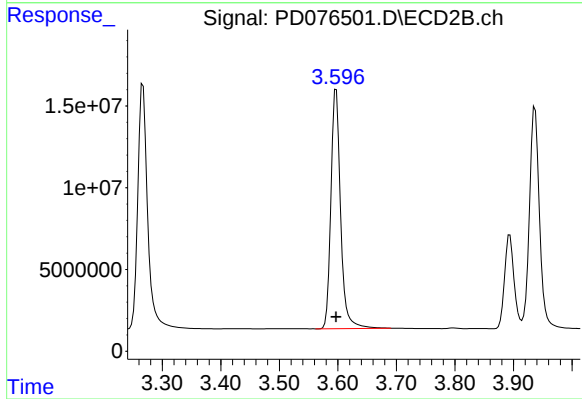
R.T.: 3.267 min  
Delta R.T.: 0.000 min  
Response: 175105010  
Conc: 105.16 ng/ml



#3 gamma-BHC (Lindane)

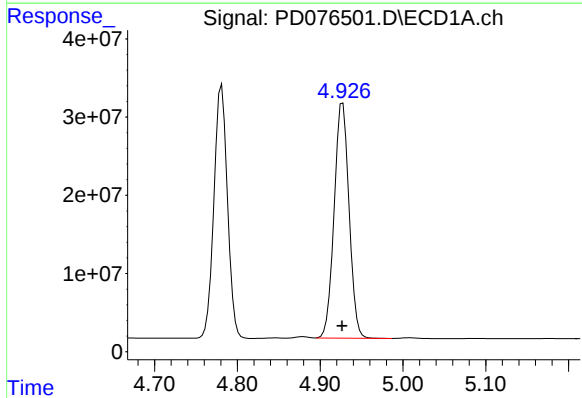
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 385647911  
Conc: 104.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



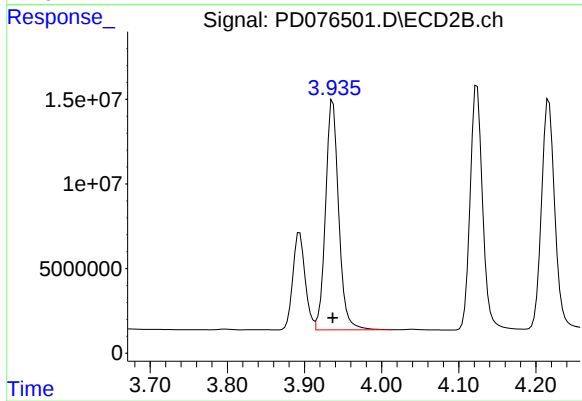
#3 gamma-BHC (Lindane)

R.T.: 3.597 min  
Delta R.T.: 0.000 min  
Response: 168270124  
Conc: 104.45 ng/ml



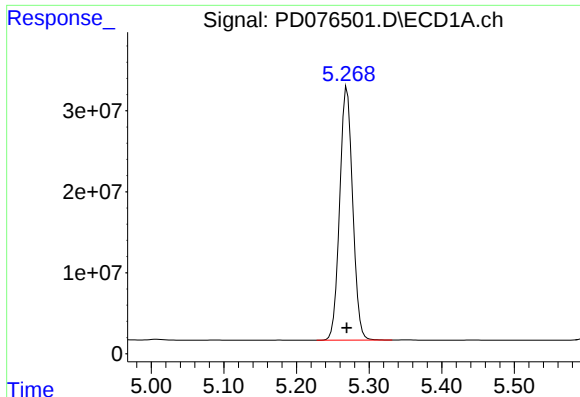
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 376173149  
Conc: 102.97 ng/ml



#4 Heptachlor

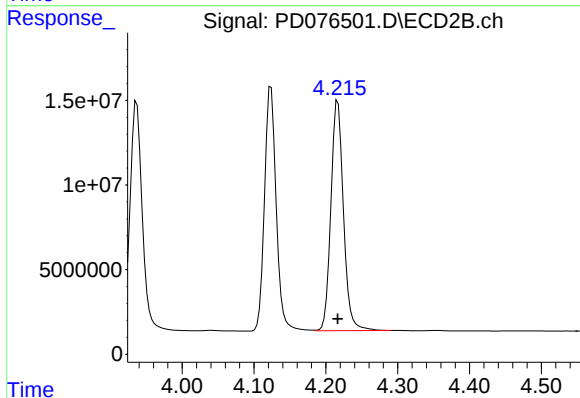
R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 161220687  
Conc: 103.76 ng/ml



#5 Aldrin

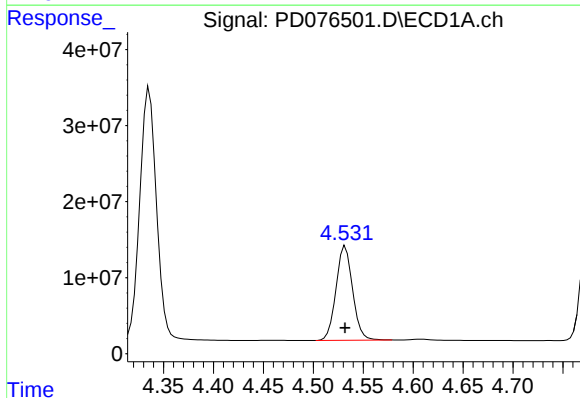
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 387273397  
Conc: 102.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



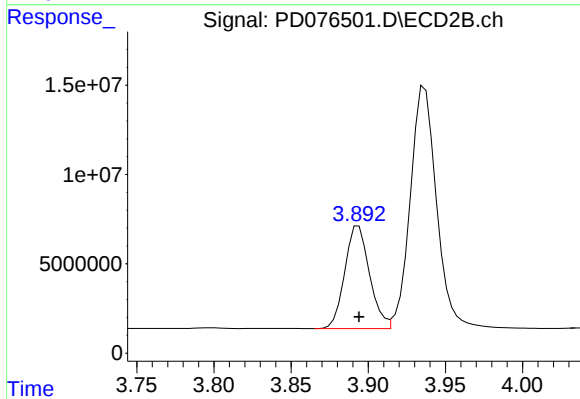
#5 Aldrin

R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 164872275  
Conc: 104.43 ng/ml



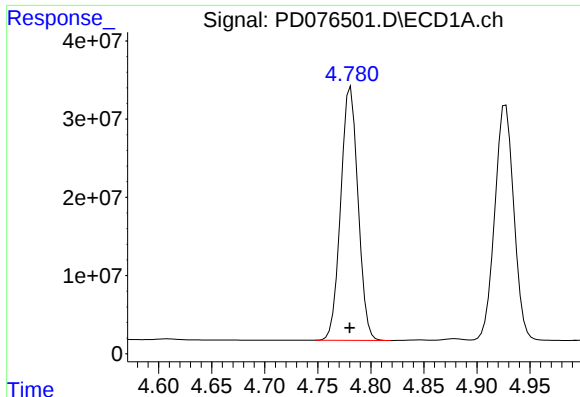
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 143439660  
Conc: 97.78 ng/ml



#6 beta-BHC

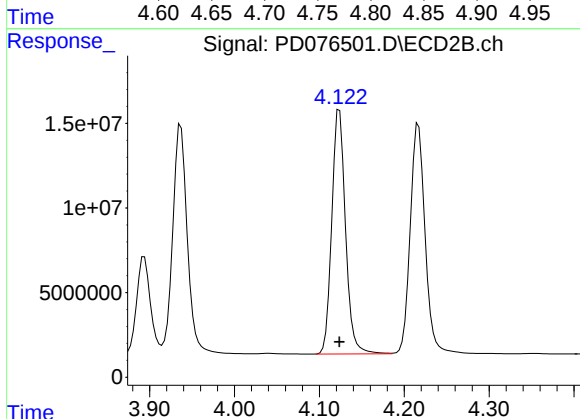
R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 64013255  
Conc: 98.62 ng/ml



#7 delta-BHC

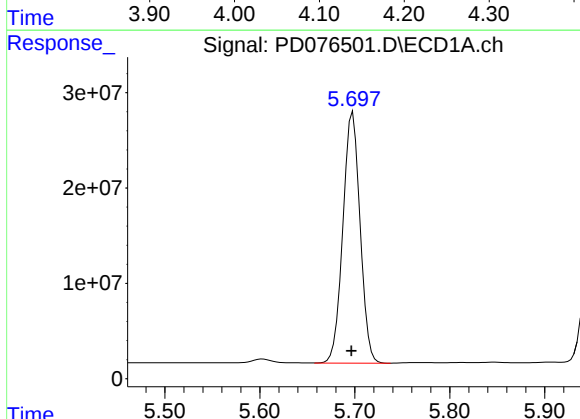
R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 367191671  
Conc: 104.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



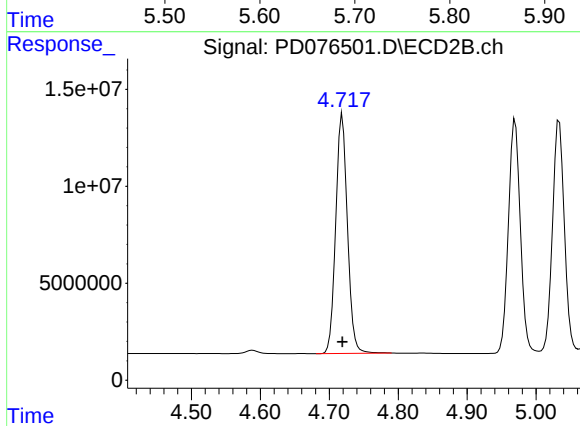
#7 delta-BHC

R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 162827036  
Conc: 104.85 ng/ml



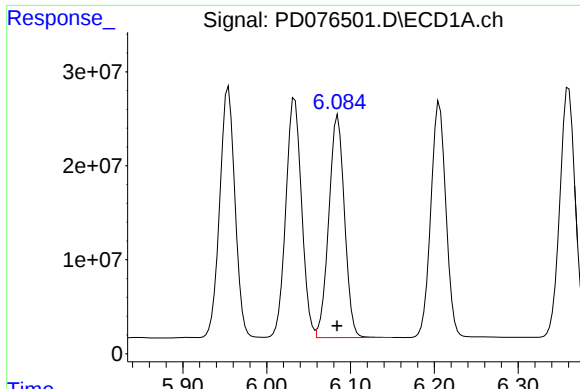
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.002 min  
Response: 331796229  
Conc: 100.79 ng/ml



#8 Heptachlor epoxide

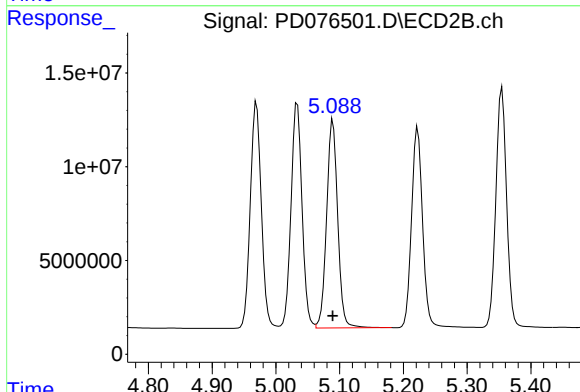
R.T.: 4.719 min  
Delta R.T.: 0.000 min  
Response: 145560560  
Conc: 102.82 ng/ml



#9 Endosulfan I

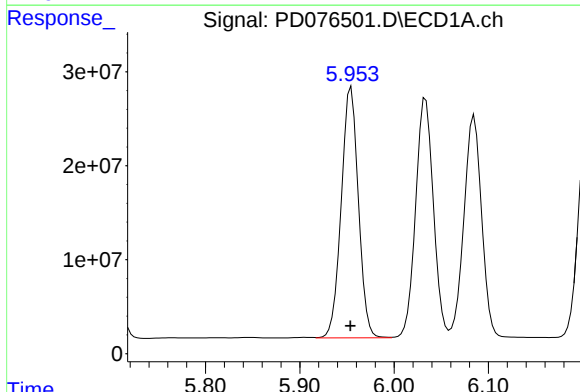
R.T.: 6.085 min  
Delta R.T.: 0.001 min  
Response: 307497899  
Conc: 101.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



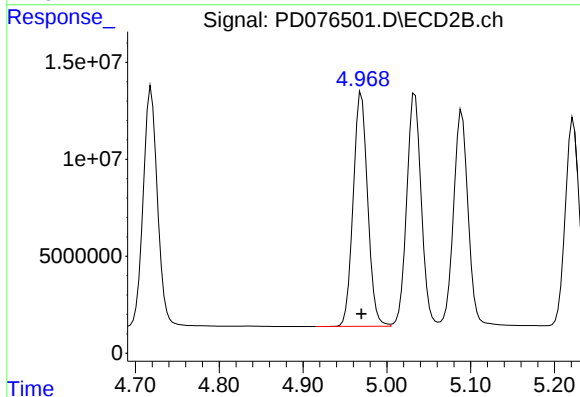
#9 Endosulfan I

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 134366537  
Conc: 102.79 ng/ml



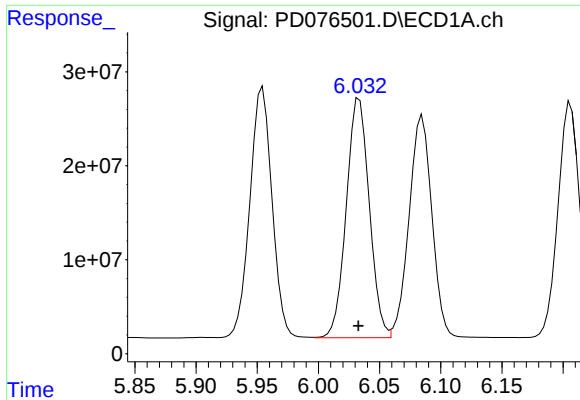
#10 gamma-Chlordane

R.T.: 5.954 min  
Delta R.T.: 0.000 min  
Response: 337328751  
Conc: 102.26 ng/ml



#10 gamma-Chlordane

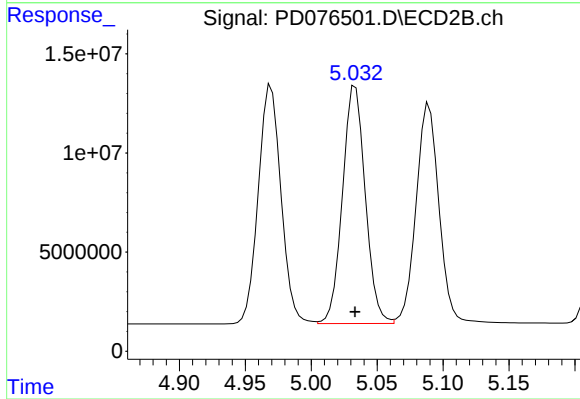
R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 144993368  
Conc: 103.78 ng/ml



#11 alpha-Chlordane

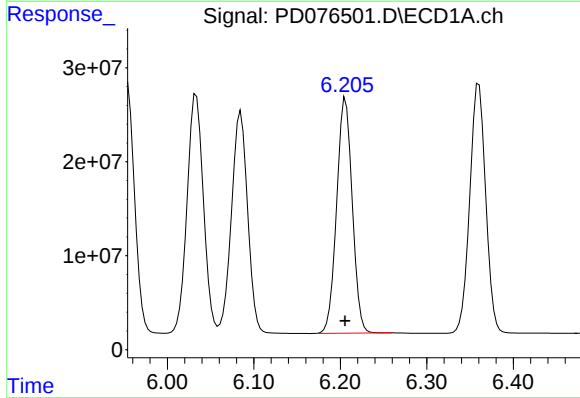
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 333457714  
Conc: 101.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



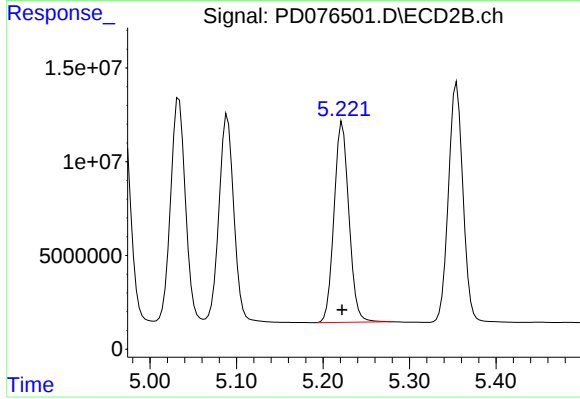
#11 alpha-Chlordane

R.T.: 5.034 min  
Delta R.T.: 0.000 min  
Response: 144238001  
Conc: 102.81 ng/ml



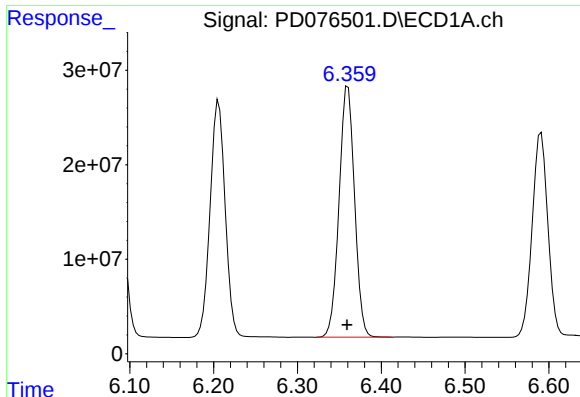
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 312269345  
Conc: 104.11 ng/ml



#12 4,4'-DDE

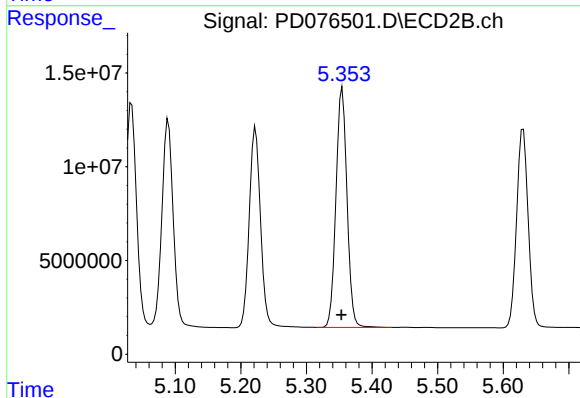
R.T.: 5.223 min  
Delta R.T.: 0.000 min  
Response: 127183724  
Conc: 105.12 ng/ml



#13 Dieldrin

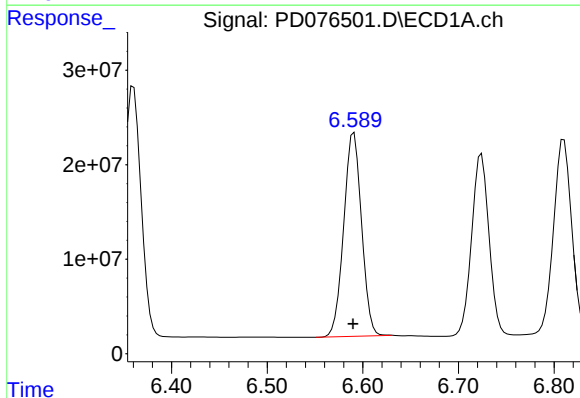
R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 340902189  
Conc: 102.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



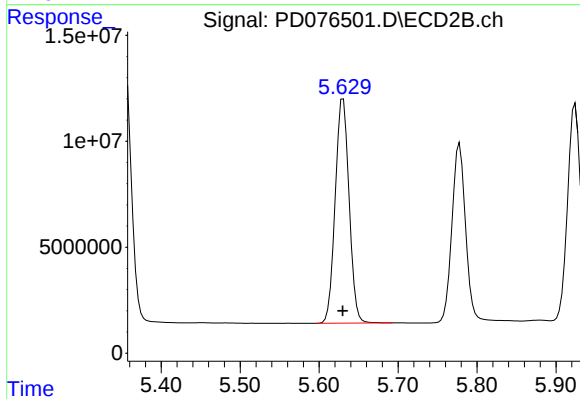
#13 Dieldrin

R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: 149473210  
Conc: 104.38 ng/ml



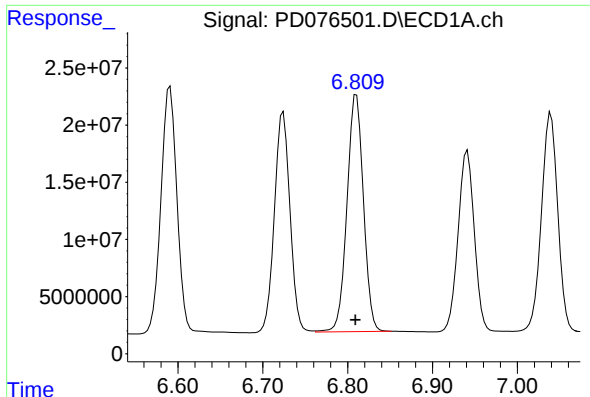
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: 0.001 min  
Response: 280203090  
Conc: 102.88 ng/ml



#14 Endrin

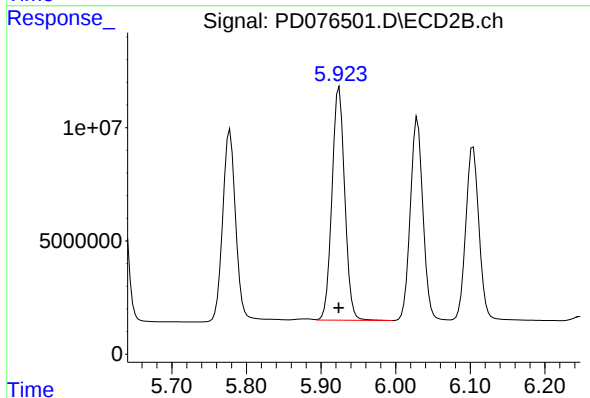
R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 129541991  
Conc: 104.26 ng/ml



#15 Endosulfan II

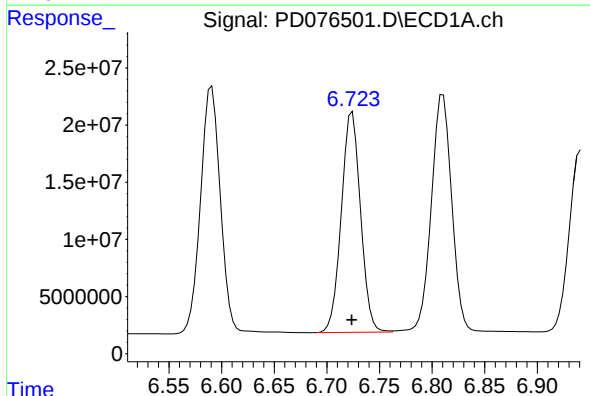
R.T.: 6.810 min  
Delta R.T.: 0.001 min  
Response: 278713763  
Conc: 99.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



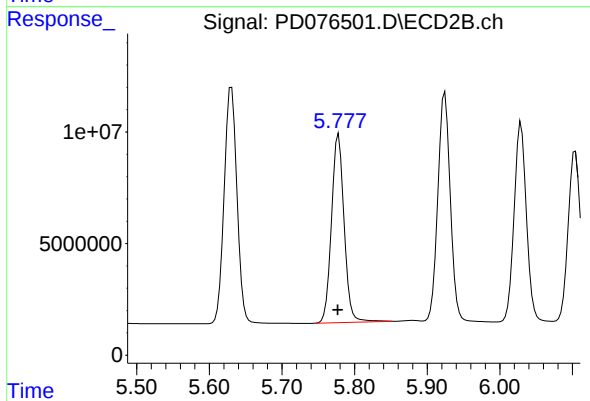
#15 Endosulfan II

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 122648228  
Conc: 101.91 ng/ml



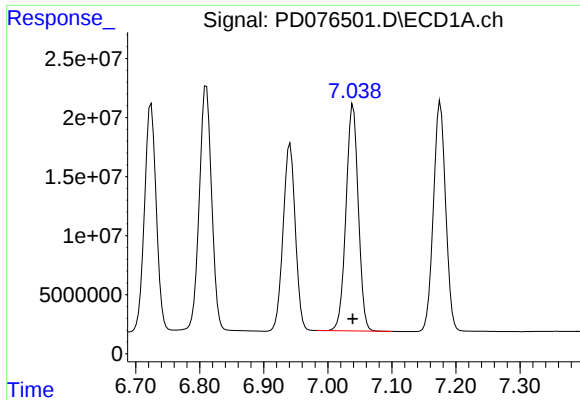
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 245805569  
Conc: 102.58 ng/ml



#16 4,4'-DDD

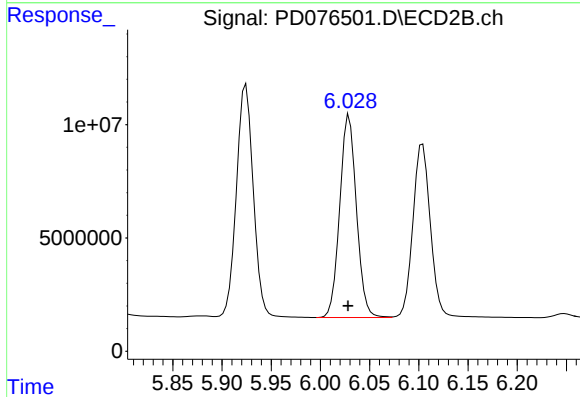
R.T.: 5.778 min  
Delta R.T.: 0.001 min  
Response: 102171722  
Conc: 104.30 ng/ml



#17 4,4'-DDT

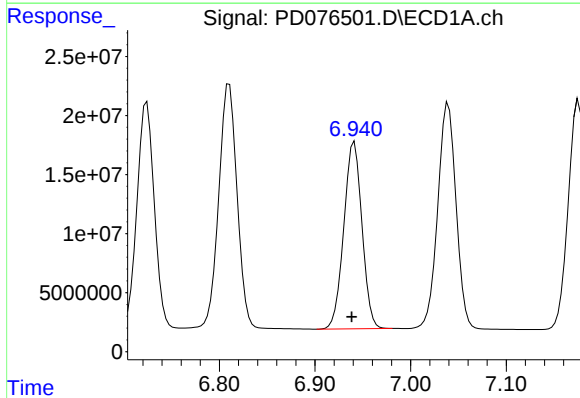
R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 255102954  
Conc: 105.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



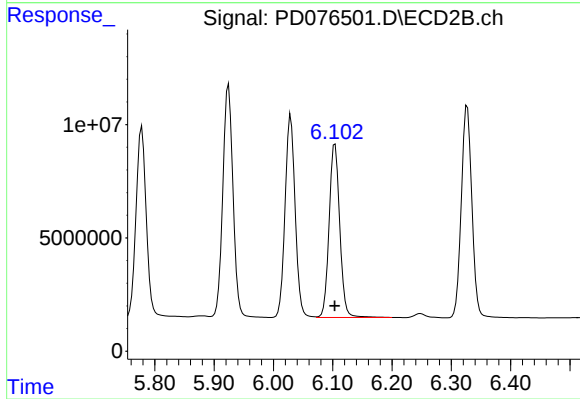
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: 0.001 min  
Response: 105609260  
Conc: 107.50 ng/ml



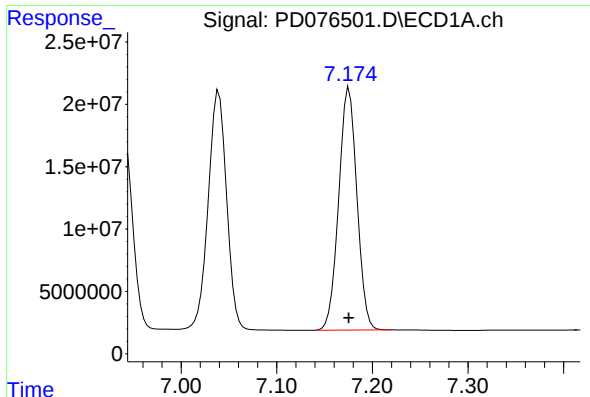
#18 Endrin aldehyde

R.T.: 6.941 min  
Delta R.T.: 0.003 min  
Response: 209612490  
Conc: 91.73 ng/ml



#18 Endrin aldehyde

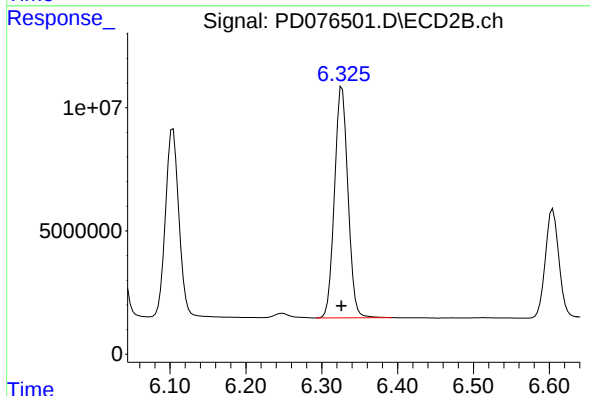
R.T.: 6.104 min  
Delta R.T.: 0.000 min  
Response: 95055207  
Conc: 93.82 ng/ml



#19 Endosulfan Sulfate

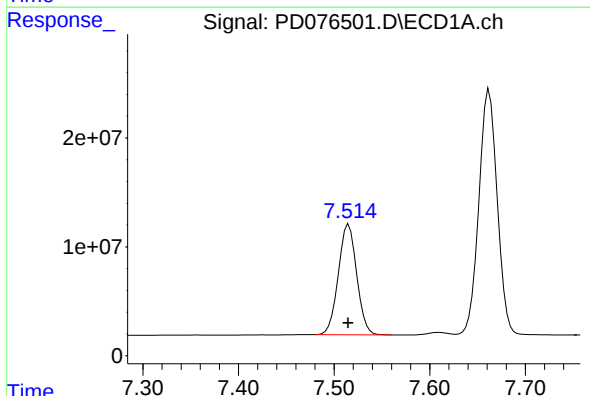
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 257928507  
Conc: 99.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



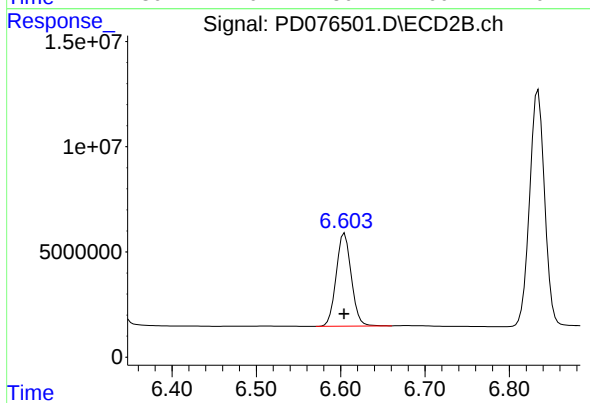
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 115731356  
Conc: 101.56 ng/ml



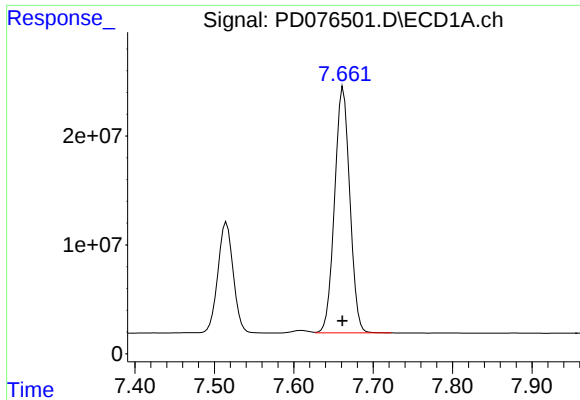
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 135668945  
Conc: 98.58 ng/ml



#20 Methoxychlor

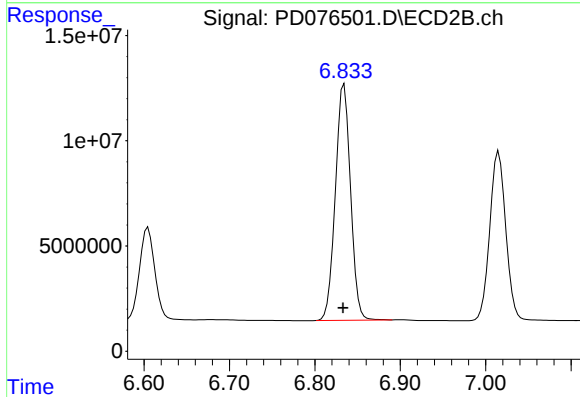
R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 54942532  
Conc: 100.34 ng/ml



#21 Endrin ketone

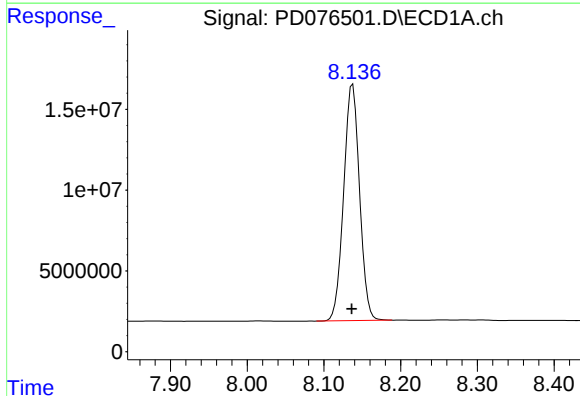
R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 300933713  
Conc: 100.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



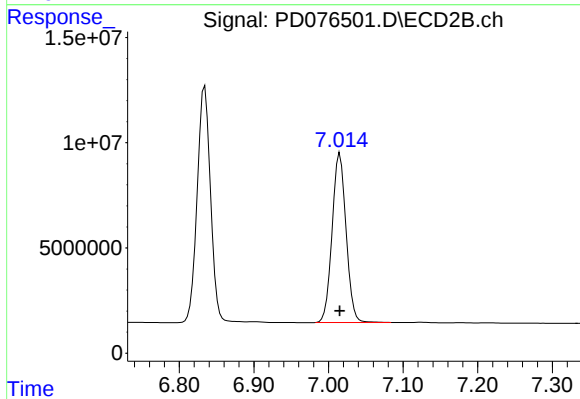
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: 0.001 min  
Response: 138796591  
Conc: 101.40 ng/ml



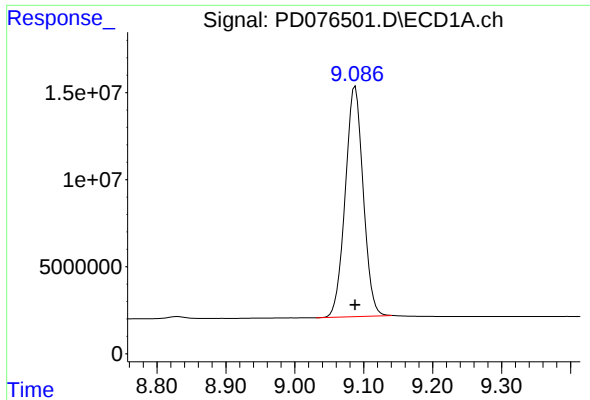
#22 Mirex

R.T.: 8.137 min  
Delta R.T.: 0.000 min  
Response: 211480862  
Conc: 97.76 ng/ml



#22 Mirex

R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 104853424  
Conc: 98.52 ng/ml



#28 Decachlorobiphenyl

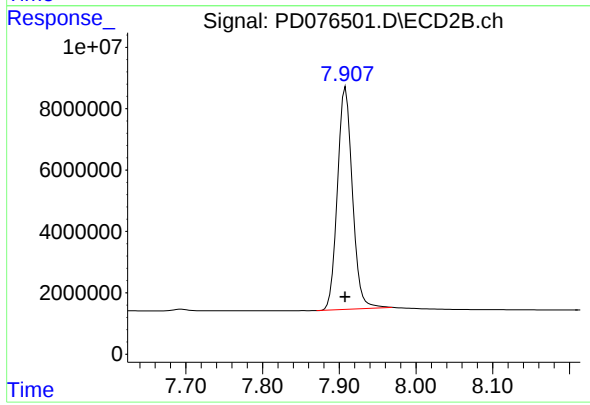
R.T.: 9.088 min

Delta R.T.: 0.000 min

Response: 239187793

Conc: 96.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.908 min

Delta R.T.: 0.000 min

Response: 98296300

Conc: 97.78 ng/ml