

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031621\  
 Data File : PD061641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2021 13:32  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 05:56:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031521.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 16 02:33:48 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... | 3.486 | 3.982 | 38952969 | 384.4E6 | 49.916 | 50.223 |
| 28)                         | SA Decachlor... | 8.258 | 9.038 | 55145364 | 395.4E6 | 48.829 | 47.226 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.926 | 4.370 | 60111911 | 582.1E6 | 50.627 | 50.696 |
| 3)                          | MA gamma-BHC... | 4.211 | 4.655 | 54870037 | 529.7E6 | 50.336 | 50.651 |
| 4)                          | MA Heptachlor   | 4.514 | 5.163 | 45939205 | 524.7E6 | 57.608 | 54.491 |
| 5)                          | MB Aldrin       | 4.764 | 5.468 | 56011750 | 544.5E6 | 50.953 | 49.927 |
| 6)                          | B beta-BHC      | 4.461 | 4.824 | 25394618 | 222.2E6 | 50.272 | 52.466 |
| 7)                          | B delta-BHC     | 4.667 | 5.040 | 58092660 | 560.3E6 | 51.935 | 52.558 |
| 8)                          | B Heptachlo...  | 5.209 | 5.853 | 52825429 | 491.8E6 | 50.878 | 51.280 |
| 9)                          | A Endosulfan I  | 5.549 | 6.210 | 50933018 | 467.8E6 | 50.648 | 50.305 |
| 10)                         | B gamma-Chl...  | 5.436 | 6.086 | 54235317 | 514.4E6 | 50.752 | 49.777 |
| 11)                         | B alpha-Chl...  | 5.495 | 6.159 | 53745486 | 489.4E6 | 50.893 | 49.980 |
| 12)                         | B 4,4'-DDE      | 5.658 | 6.316 | 52667321 | 496.7E6 | 50.566 | 49.575 |
| 13)                         | MA Dieldrin     | 5.793 | 6.467 | 53668547 | 500.4E6 | 52.339 | 49.724 |
| 14)                         | MA Endrin       | 6.051 | 6.684 | 42629600 | 372.8E6 | 46.604 | 45.252 |
| 15)                         | B Endosulfa...  | 6.324 | 6.892 | 47490898 | 406.6E6 | 50.548 | 48.477 |
| 16)                         | A 4,4'-DDD      | 6.175 | 6.805 | 43593916 | 410.1E6 | 57.014 | 51.082 |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.104 | 41957848 | 409.3E6 | 52.581 | 48.471 |
| 18)                         | B Endrin al...  | 6.494 | 7.016 | 39333524 | 341.7E6 | 52.149 | 49.722 |
| 19)                         | B Endosulfa...  | 6.707 | 7.240 | 49666423 | 430.2E6 | 51.227 | 49.438 |
| 20)                         | A Methoxychlor  | 6.963 | 7.561 | 20850719 | 183.0E6 | 53.605 | 47.803 |
| 21)                         | B Endrin ke...  | 7.201 | 7.710 | 62304084 | 444.5E6 | 53.711 | 48.779 |
| 22)                         | Mirex           | 7.391 | 8.164 | 43154627 | 279.2E6 | 49.447 | 48.933 |
| -----                       |                 |       |       |          |         |        |        |

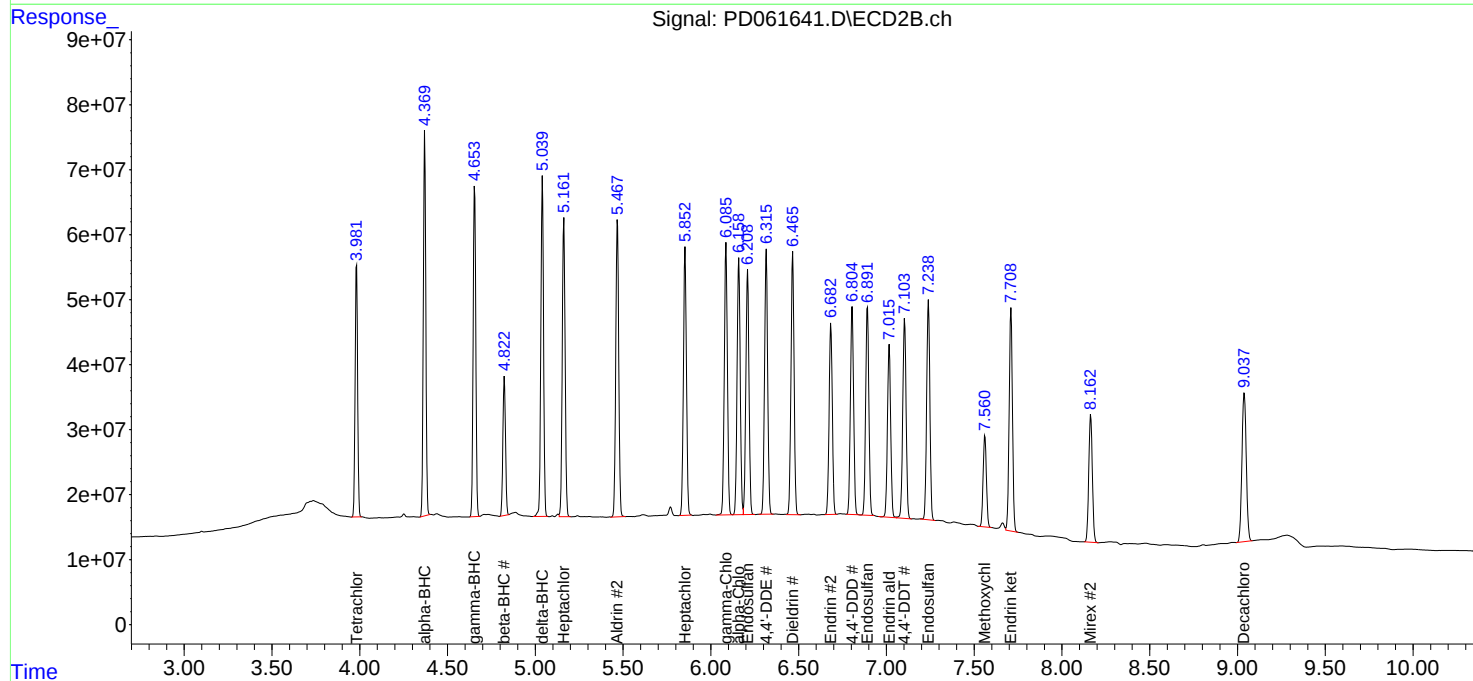
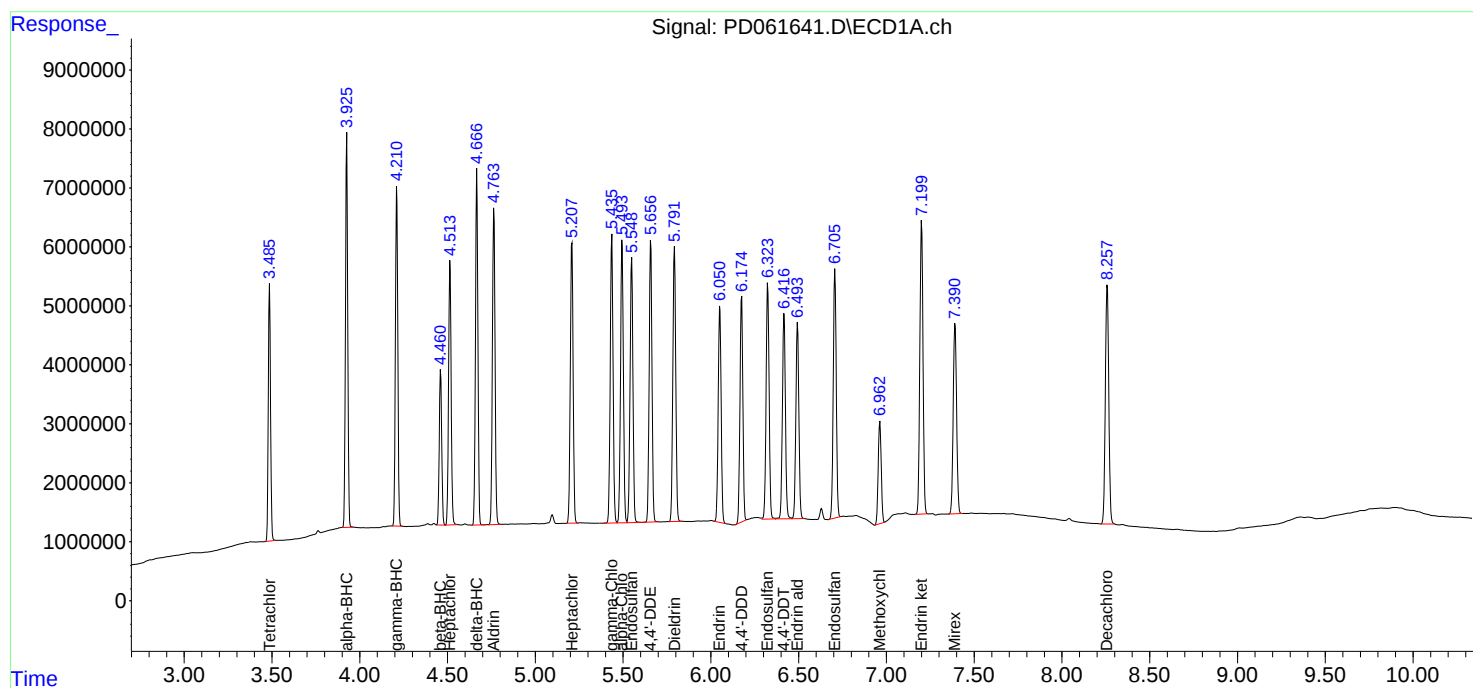
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

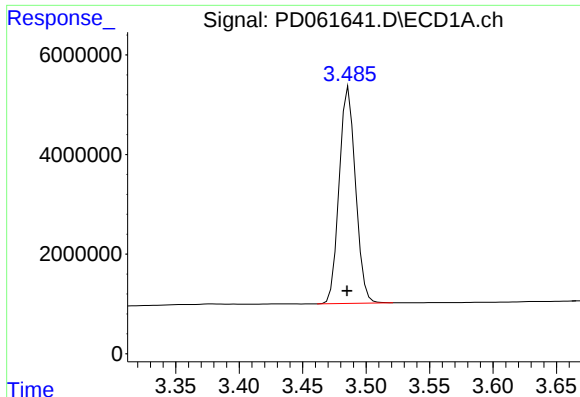
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031621\  
Data File : PD061641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2021 13:32  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 05:56:28 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031521.M  
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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

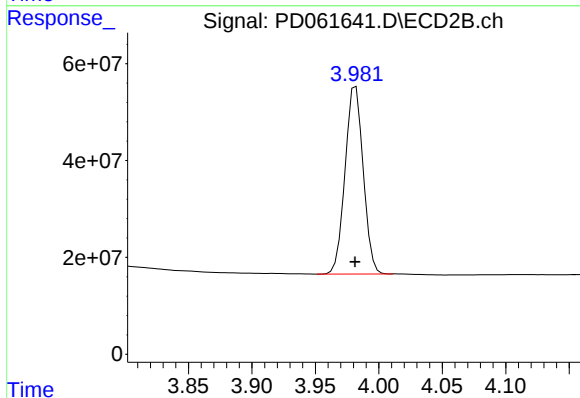




#1 Tetrachloro-m-xylene

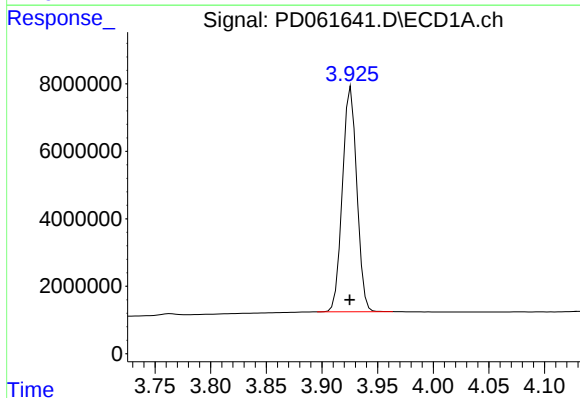
R.T.: 3.486 min  
Delta R.T.: 0.001 min  
Response: 38952969  
Conc: 49.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



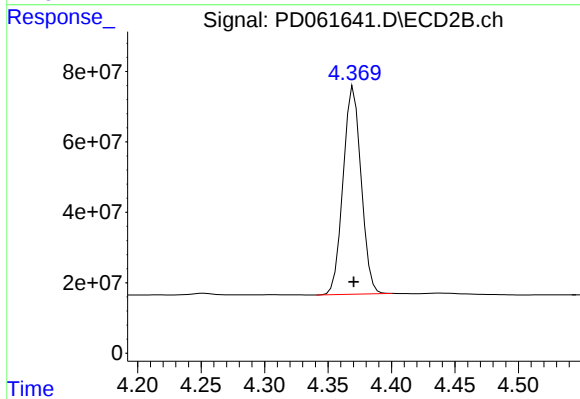
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 384412250  
Conc: 50.22 ng/ml



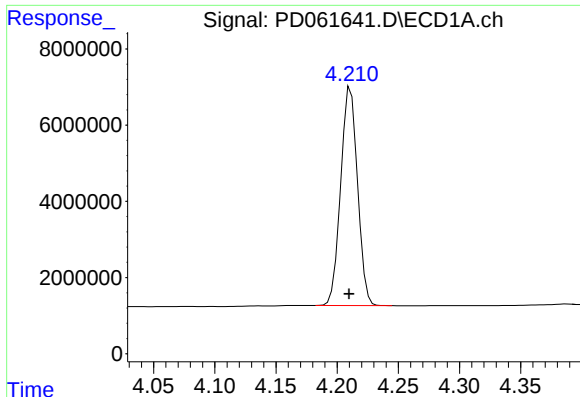
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 60111911  
Conc: 50.63 ng/ml



#2 alpha-BHC

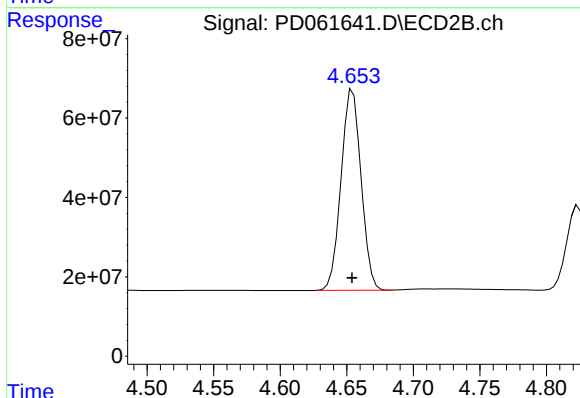
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 582129656  
Conc: 50.70 ng/ml



#3 gamma-BHC (Lindane)

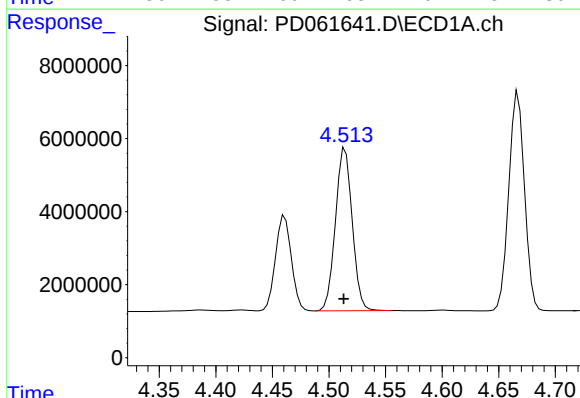
R.T.: 4.211 min  
Delta R.T.: 0.001 min  
Response: 54870037  
Conc: 50.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



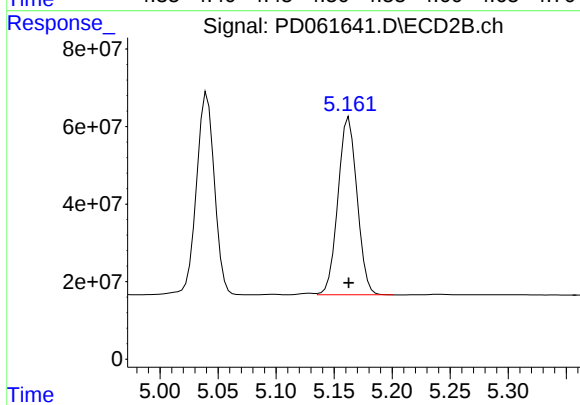
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 529746834  
Conc: 50.65 ng/ml



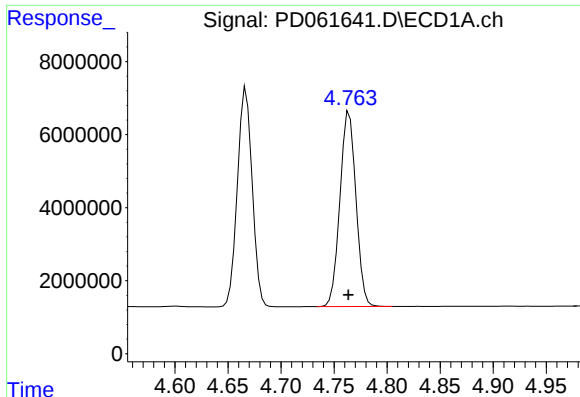
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: 0.001 min  
Response: 45939205  
Conc: 57.61 ng/ml



#4 Heptachlor

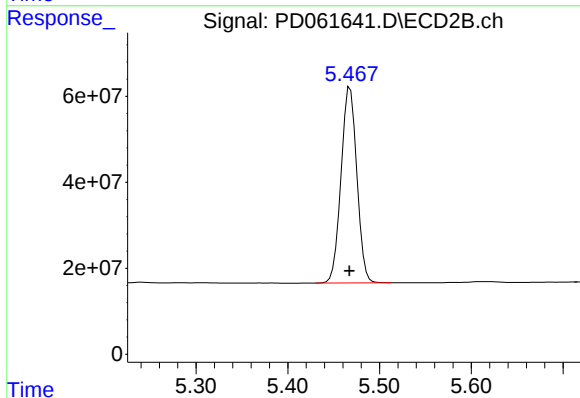
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 524690642  
Conc: 54.49 ng/ml



#5 Aldrin

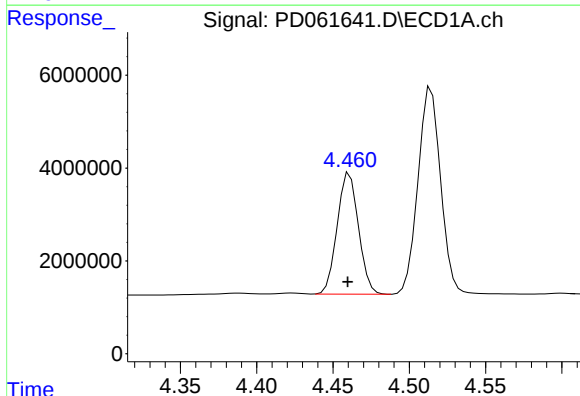
R.T.: 4.764 min  
Delta R.T.: 0.001 min  
Response: 56011750  
Conc: 50.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



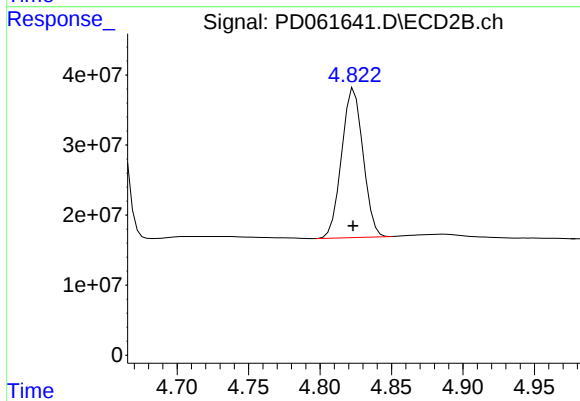
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 544527193  
Conc: 49.93 ng/ml



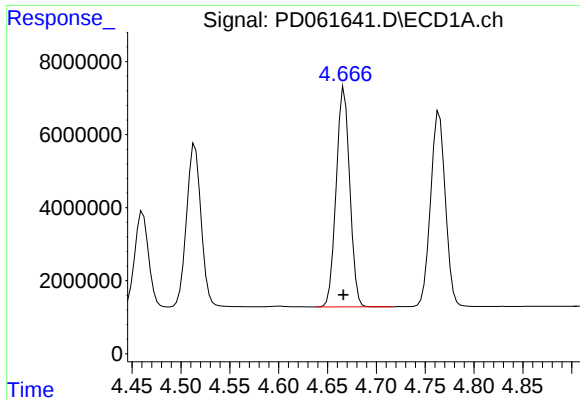
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.001 min  
Response: 25394618  
Conc: 50.27 ng/ml



#6 beta-BHC

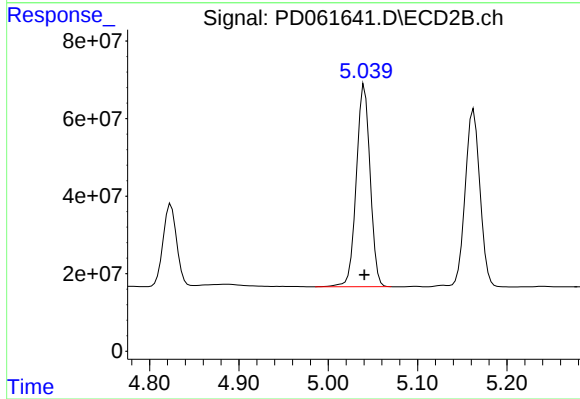
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 222208555  
Conc: 52.47 ng/ml



#7 delta-BHC

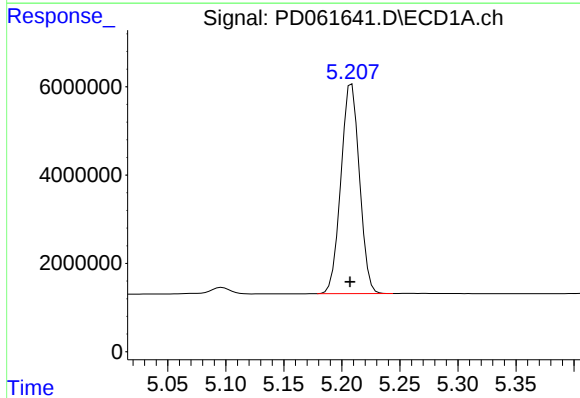
R.T.: 4.667 min  
Delta R.T.: 0.000 min  
Response: 58092660  
Conc: 51.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



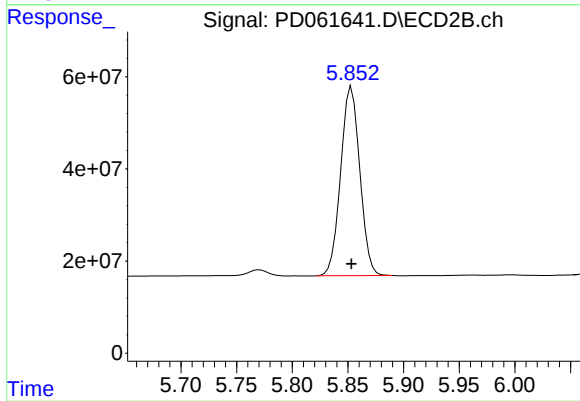
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 560292944  
Conc: 52.56 ng/ml



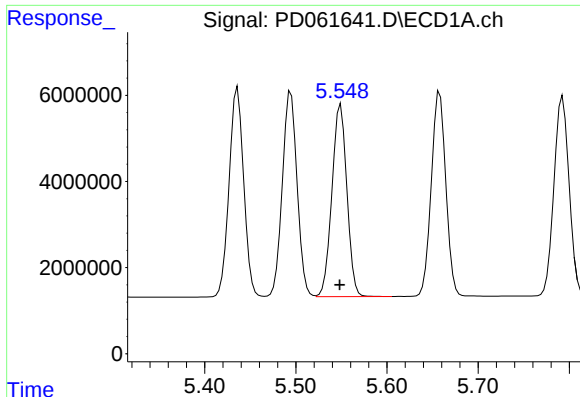
#8 Heptachlor epoxide

R.T.: 5.209 min  
Delta R.T.: 0.001 min  
Response: 52825429  
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

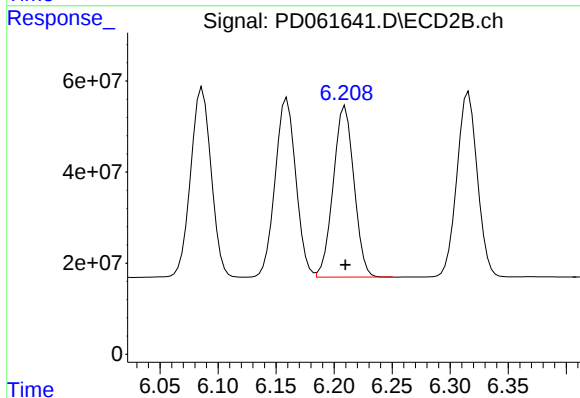
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 491848464  
Conc: 51.28 ng/ml



#9 Endosulfan I

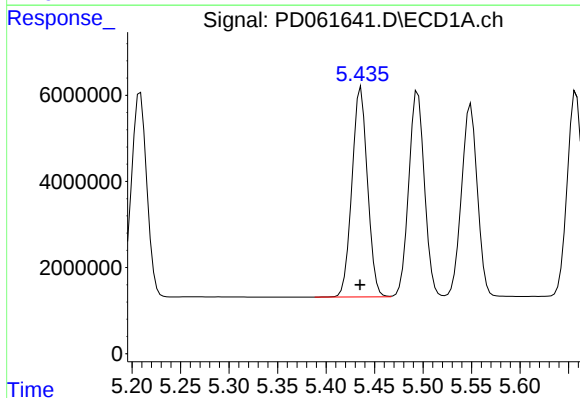
R.T.: 5.549 min  
Delta R.T.: 0.001 min  
Response: 50933018  
Conc: 50.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



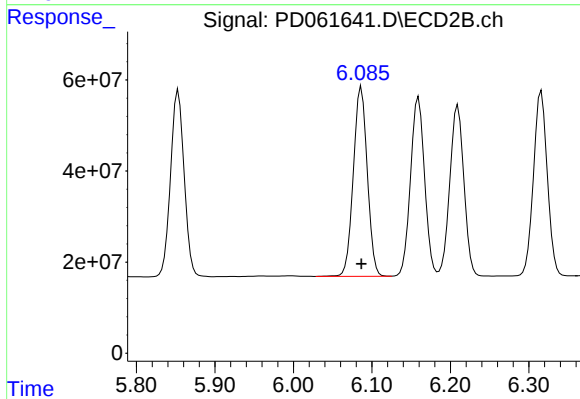
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 467819237  
Conc: 50.31 ng/ml



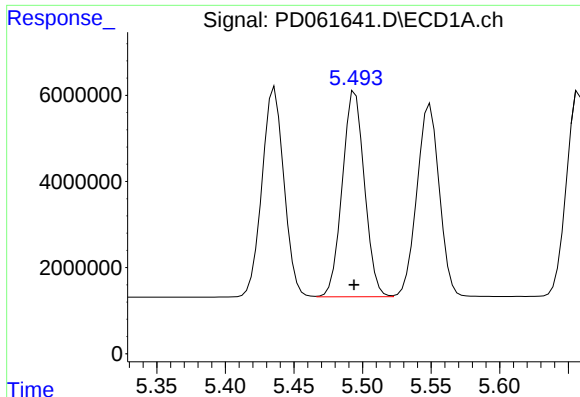
#10 gamma-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.001 min  
Response: 54235317  
Conc: 50.75 ng/ml



#10 gamma-Chlordane

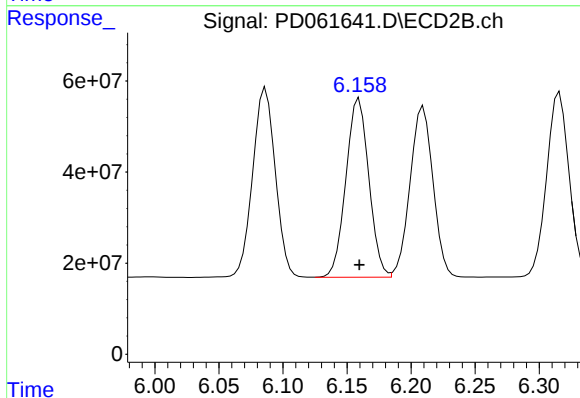
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 514353443  
Conc: 49.78 ng/ml



#11 alpha-Chlordane

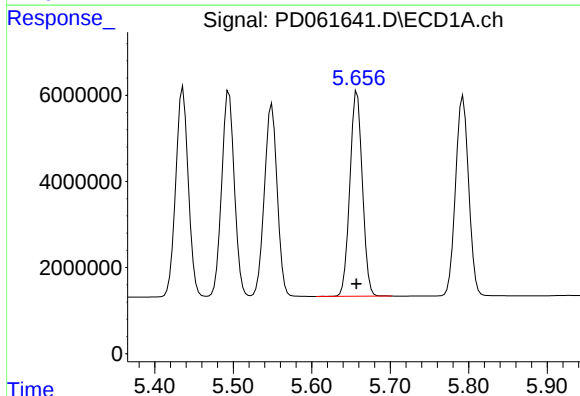
R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 53745486  
Conc: 50.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



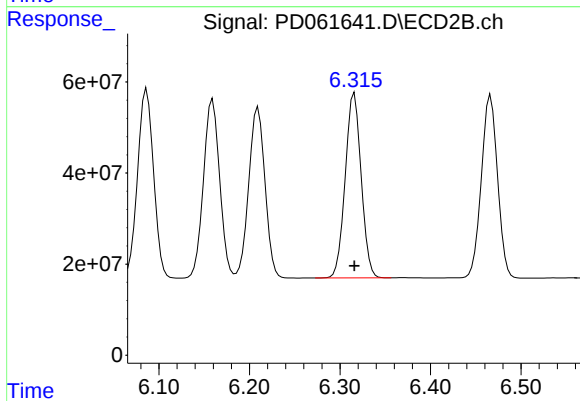
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 489375630  
Conc: 49.98 ng/ml



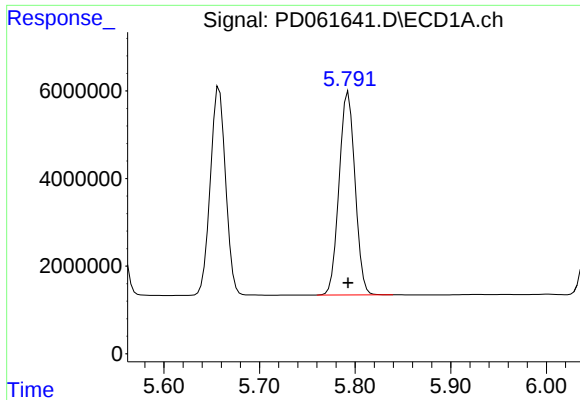
#12 4,4'-DDE

R.T.: 5.658 min  
Delta R.T.: 0.001 min  
Response: 52667321  
Conc: 50.57 ng/ml



#12 4,4'-DDE

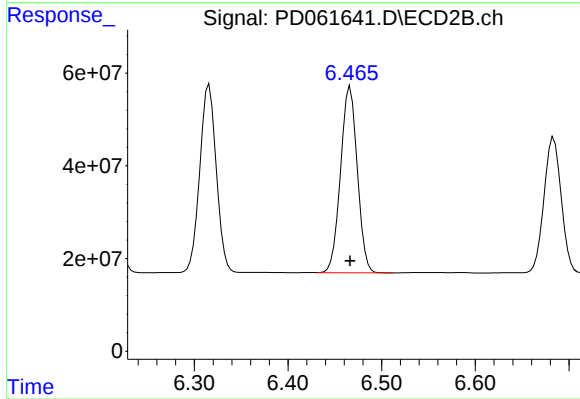
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 496742034  
Conc: 49.57 ng/ml



#13 Dieldrin

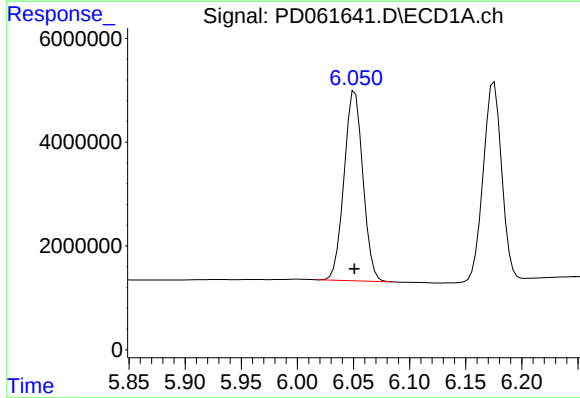
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 53668547  
Conc: 52.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



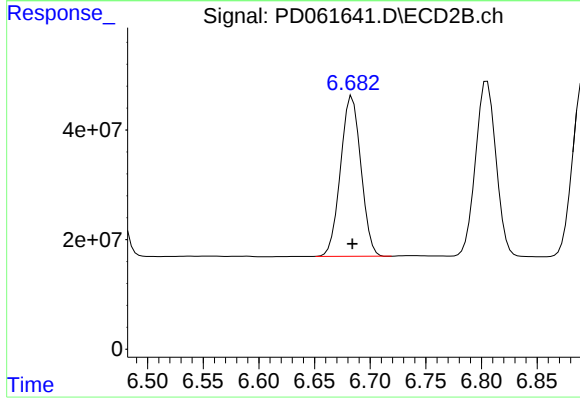
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 500433649  
Conc: 49.72 ng/ml



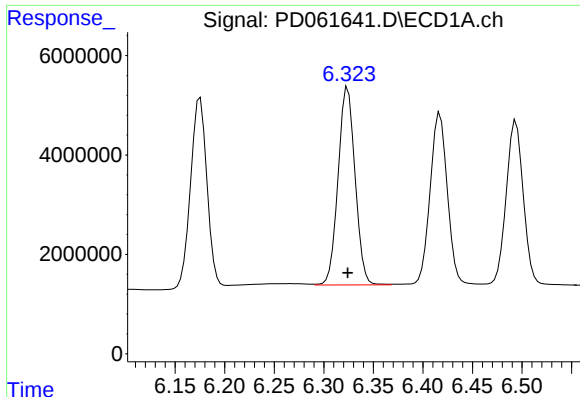
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 42629600  
Conc: 46.60 ng/ml



#14 Endrin

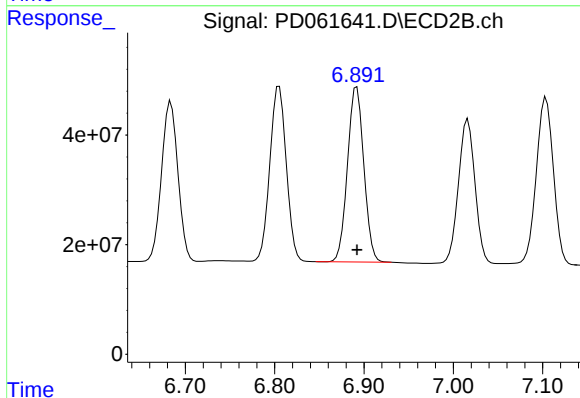
R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 372780447  
Conc: 45.25 ng/ml



#15 Endosulfan II

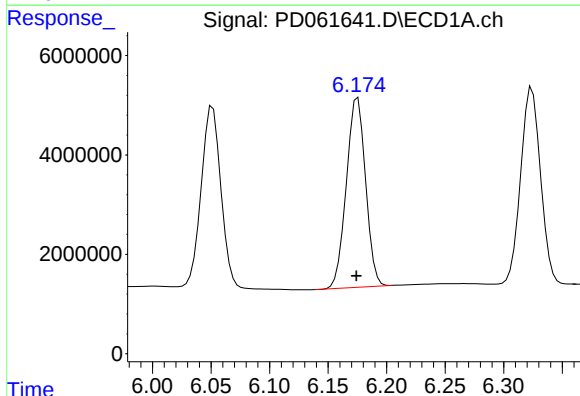
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 47490898  
Conc: 50.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



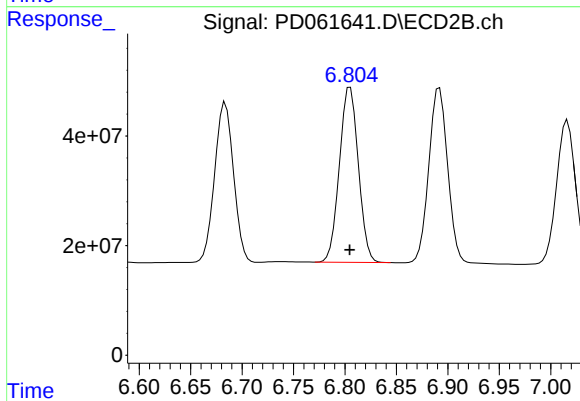
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 406584785  
Conc: 48.48 ng/ml



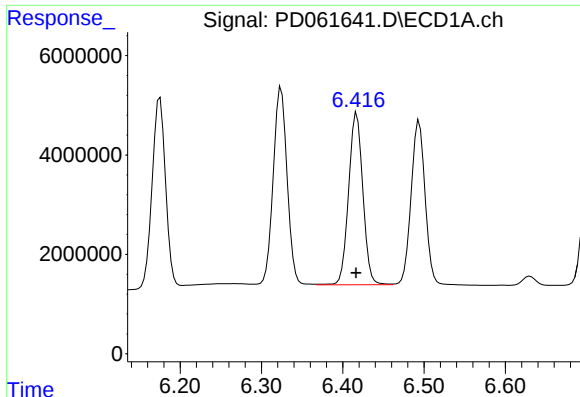
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: 0.001 min  
Response: 43593916  
Conc: 57.01 ng/ml



#16 4,4'-DDD

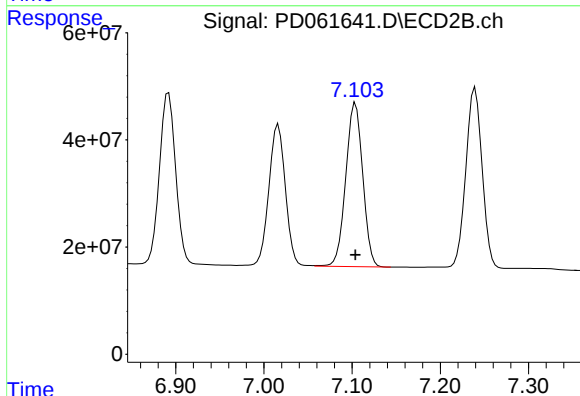
R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 410054303  
Conc: 51.08 ng/ml



#17 4,4'-DDT

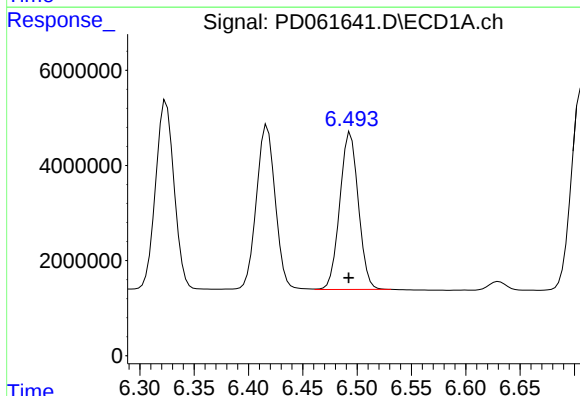
R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 41957848  
Conc: 52.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



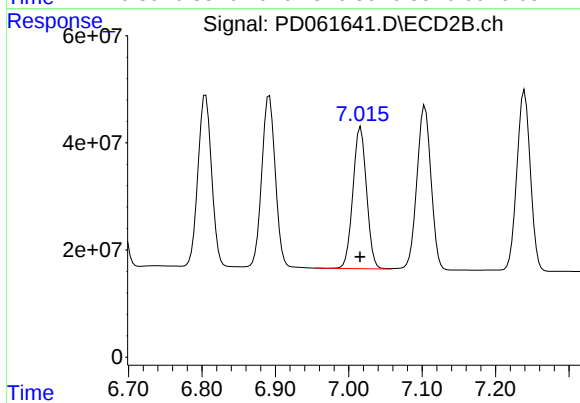
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 409293888  
Conc: 48.47 ng/ml



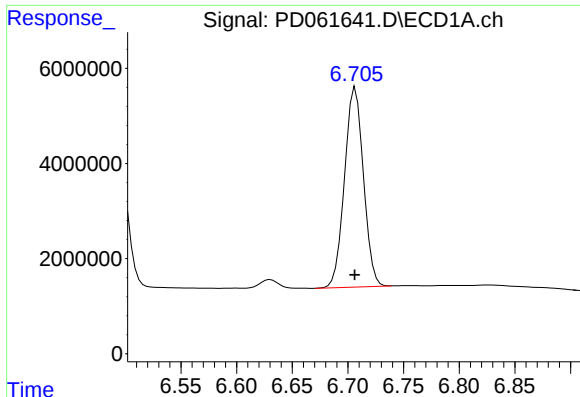
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.002 min  
Response: 39333524  
Conc: 52.15 ng/ml



#18 Endrin aldehyde

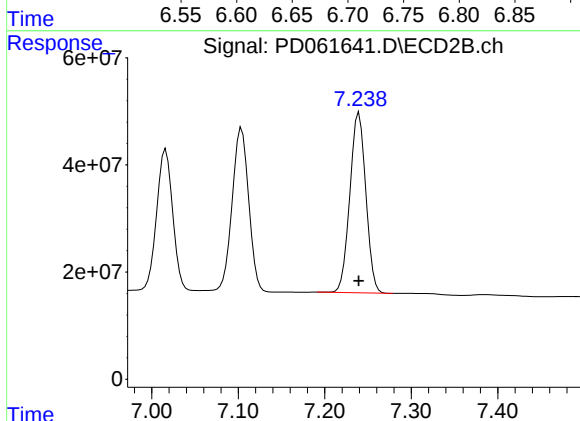
R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 341739271  
Conc: 49.72 ng/ml



#19 Endosulfan Sulfate

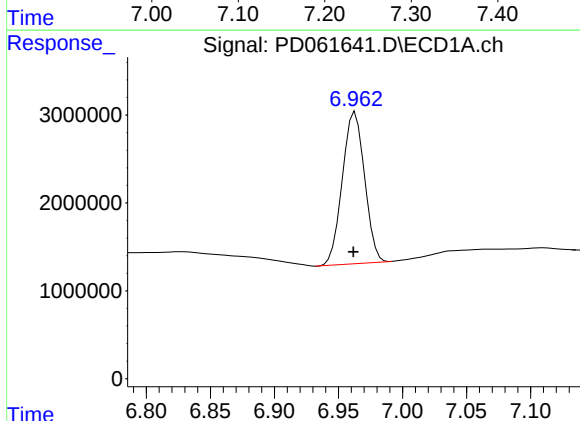
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 49666423  
Conc: 51.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



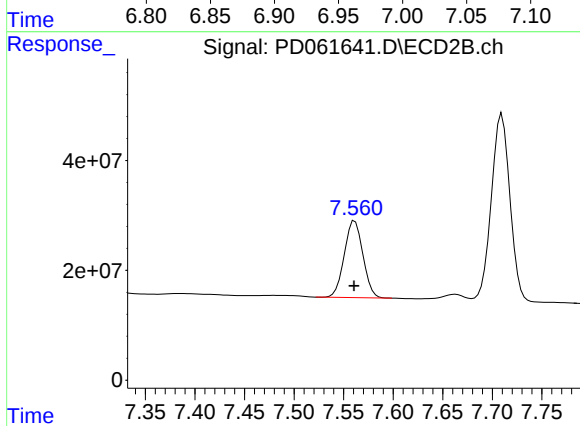
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 430159114  
Conc: 49.44 ng/ml



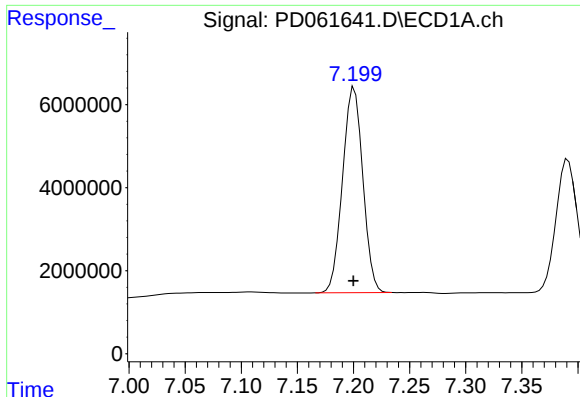
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.001 min  
Response: 20850719  
Conc: 53.61 ng/ml



#20 Methoxychlor

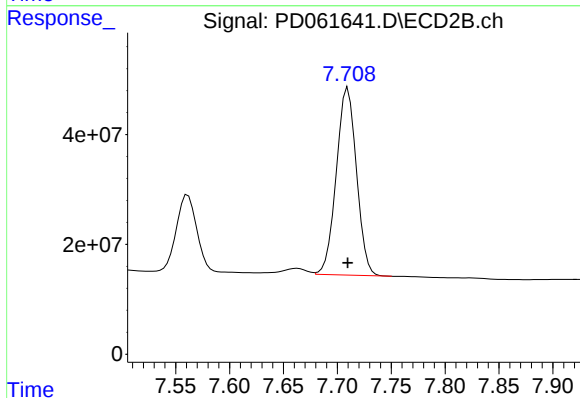
R.T.: 7.561 min  
Delta R.T.: 0.000 min  
Response: 182955828  
Conc: 47.80 ng/ml



#21 Endrin ketone

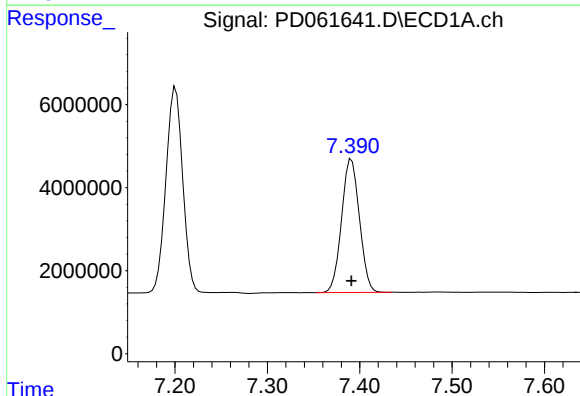
R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 62304084  
Conc: 53.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



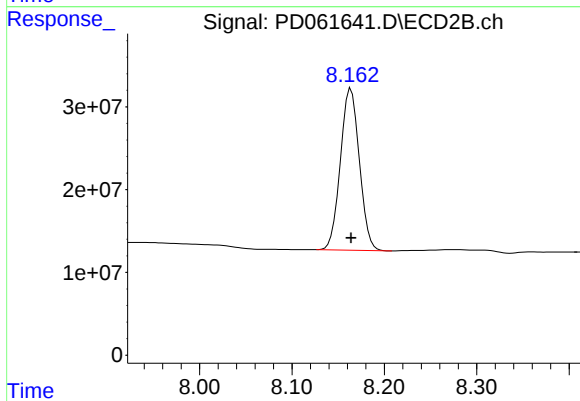
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 444509058  
Conc: 48.78 ng/ml



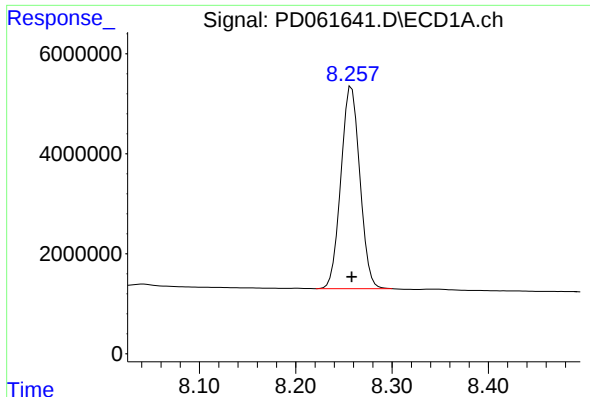
#22 Mirex

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 43154627  
Conc: 49.45 ng/ml



#22 Mirex

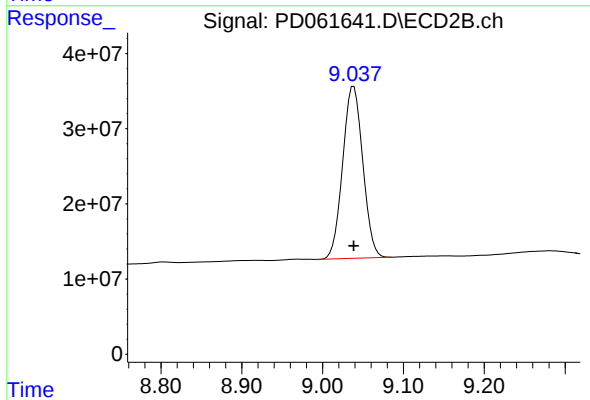
R.T.: 8.164 min  
Delta R.T.: 0.000 min  
Response: 279224045  
Conc: 48.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min  
Delta R.T.: 0.000 min  
Response: 55145364  
Conc: 48.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: 0.000 min  
Response: 395388085  
Conc: 47.23 ng/ml