

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031521\  
 Data File : PD061611.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2021 23:10  
 Operator : AR\AJ  
 Sample : M1557-09DL 10X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PT-PEST-WPDL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 08:59:49 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... | 3.485 | 3.978 | 1723732  | 69717229 | 2.209   | 9.108 # |
| 28)                         | SA Decachlor... | 8.257 | 9.039 | 2836227  | 19629253 | 2.511   | 2.345   |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.926 | 4.370 | 241.2E6  | 2183.0E6 | 203.176 | 190.117 |
| 3)                          | MA gamma-BHC... | 4.210 | 4.655 | 50332380 | 483.1E6  | 46.173  | 46.186  |
| 4)                          | MA Heptachlor   | 4.513 | 5.163 | 77231812 | 922.6E6  | 96.850  | 95.813  |
| 5)                          | MB Aldrin       | 4.764 | 5.468 | 147.3E6  | 1354.1E6 | 134.007 | 124.158 |
| 6)                          | B beta-BHC      | 4.460 | 4.824 | 19544851 | 171.7E6  | 38.691  | 40.529  |
| 8)                          | B Heptachlo...  | 5.207 | 5.853 | 29486996 | 282.6E6  | 28.400  | 29.464  |
| 9)                          | A Endosulfan I  | 5.548 | 6.210 | 162.6E6  | 1412.1E6 | 161.737 | 151.841 |
| 10)                         | B gamma-Chl...  | 5.435 | 6.087 | 57023793 | 537.5E6  | 53.362  | 52.016  |
| 11)                         | B alpha-Chl...  | 5.494 | 6.160 | 33676263 | 311.7E6  | 31.889  | 31.830  |
| 12)                         | B 4,4'-DDE      | 5.656 | 6.316 | 112.8E6  | 1016.3E6 | 108.344 | 101.422 |
| 13)                         | MA Dieldrin     | 5.792 | 6.467 | 125.3E6  | 1119.1E6 | 122.171 | 111.197 |
| 14)                         | MA Endrin       | 6.051 | 6.684 | 68980112 | 603.2E6  | 75.411  | 73.221  |
| 15)                         | B Endosulfa...  | 6.324 | 6.892 | 126.9E6  | 1055.0E6 | 135.035 | 125.794 |
| 16)                         | A 4,4'-DDD      | 6.174 | 6.805 | 61395219 | 591.7E6  | 80.295  | 73.704  |
| 17)                         | MA 4,4'-DDT     | 6.416 | 7.104 | 24188811 | 247.0E6  | 30.313  | 29.254  |
| 18)                         | B Endrin al...  | 6.492 | 7.016 | 144.6E6  | 1227.7E6 | 191.741 | 178.632 |
| 19)                         | B Endosulfa...  | 6.706 | 7.239 | 54483856 | 482.3E6  | 56.195  | 55.435  |
| 20)                         | A Methoxychlor  | 6.961 | 7.562 | 50129956 | 470.8E6  | 128.880 | 123.017 |
| 21)                         | B Endrin ke...  | 7.199 | 7.710 | 181.8E6  | 1303.6E6 | 156.752 | 143.059 |
| -----                       |                 |       |       |          |          |         |         |

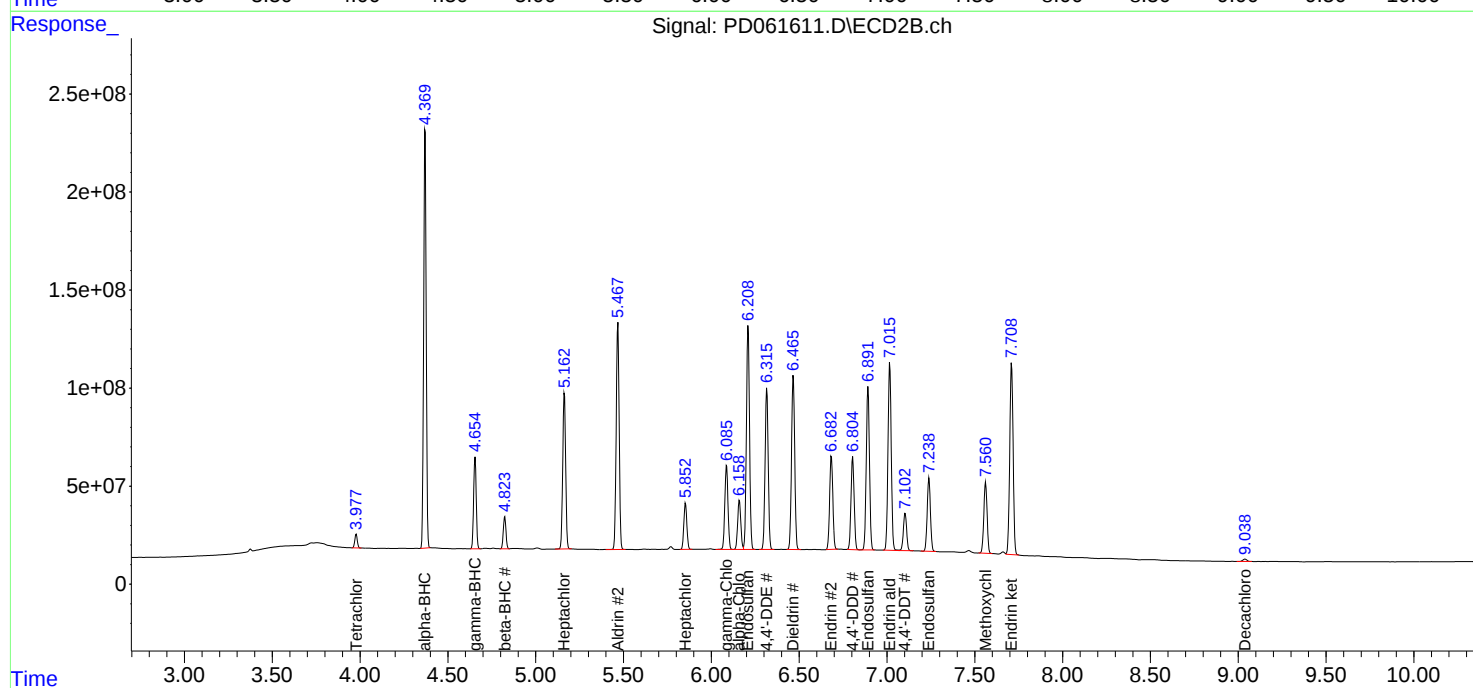
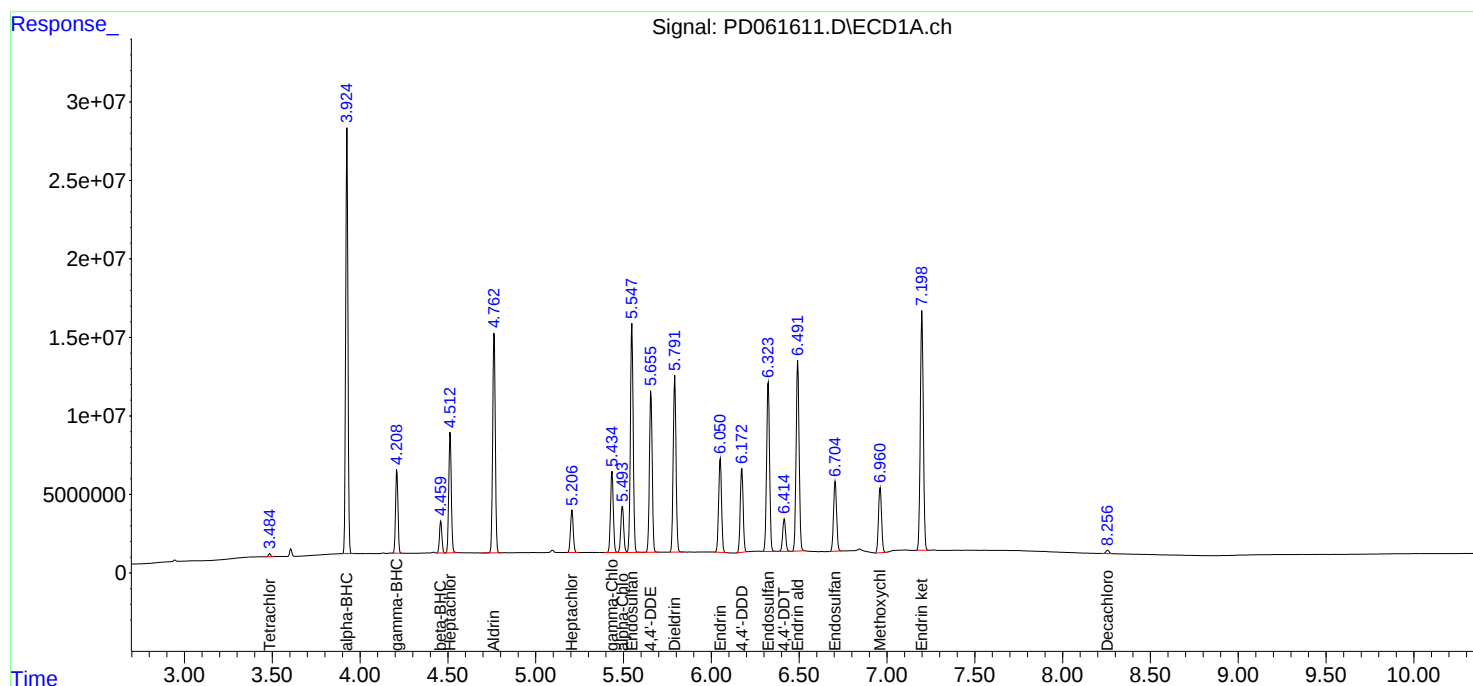
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

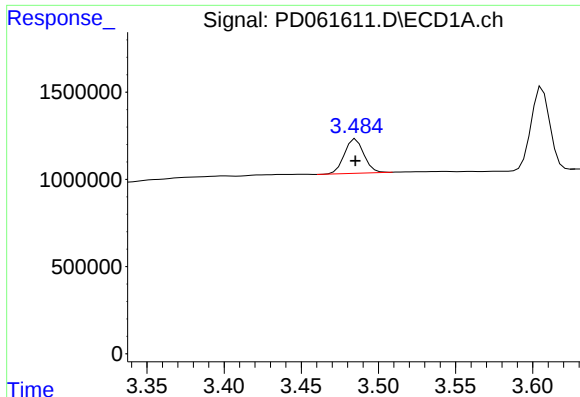
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031521\  
Data File : PD061611.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2021 23:10  
Operator : AR\AJ  
Sample : M1557-09DL 10X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 08:59:49 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  
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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

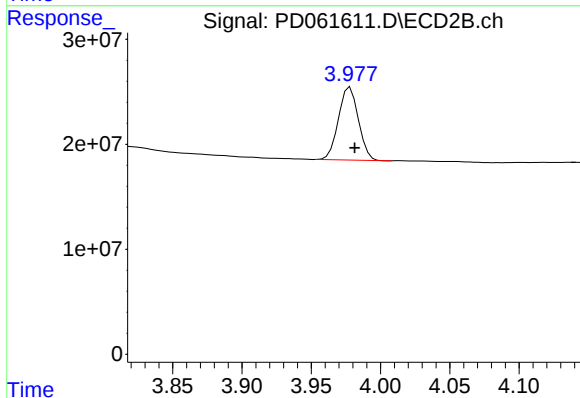




#1 Tetrachloro-m-xylene

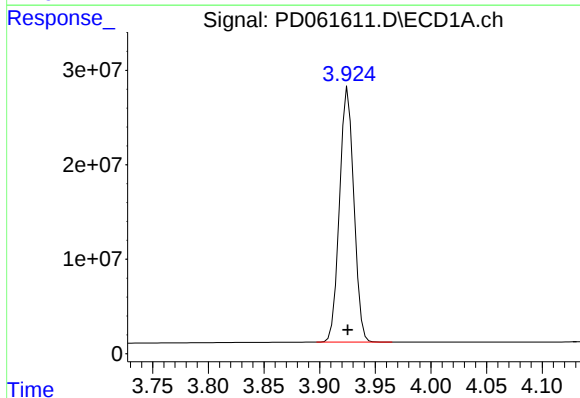
R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 1723732  
Conc: 2.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



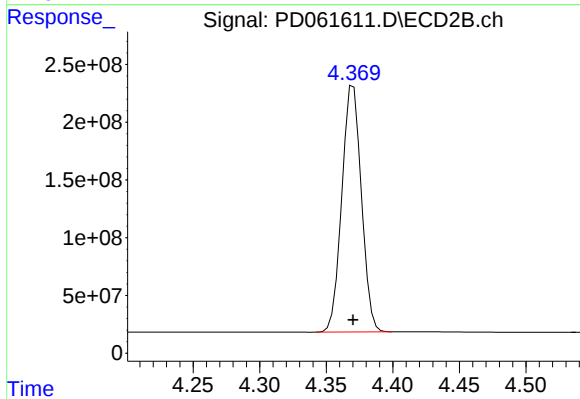
#1 Tetrachloro-m-xylene

R.T.: 3.978 min  
Delta R.T.: -0.003 min  
Response: 69717229  
Conc: 9.11 ng/ml



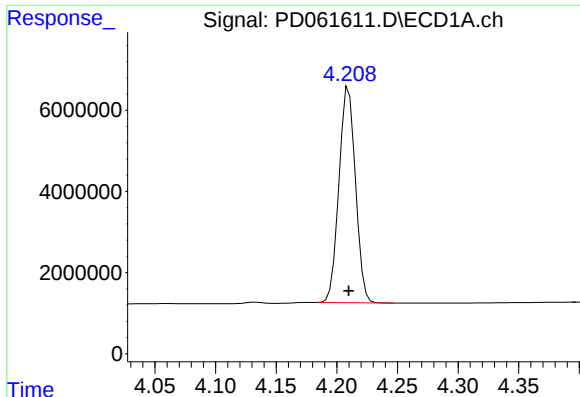
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 241243764  
Conc: 203.18 ng/ml



#2 alpha-BHC

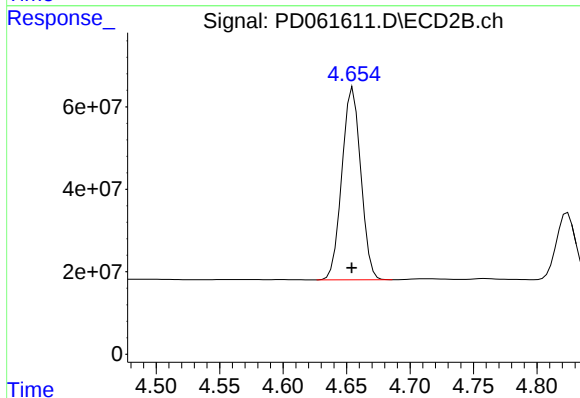
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 2183047025  
Conc: 190.12 ng/ml



#3 gamma-BHC (Lindane)

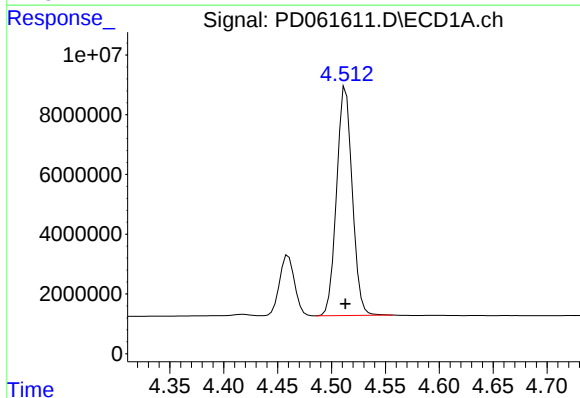
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 50332380  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



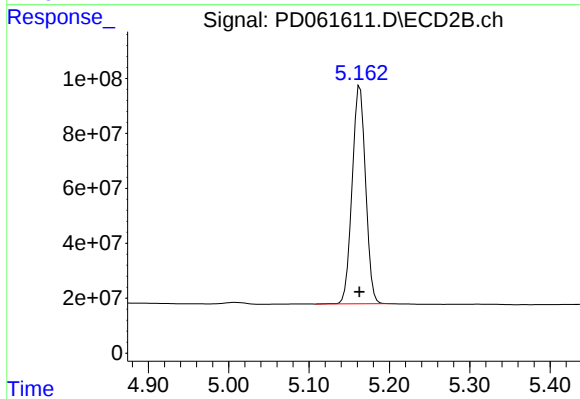
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.001 min  
Response: 483052688  
Conc: 46.19 ng/ml



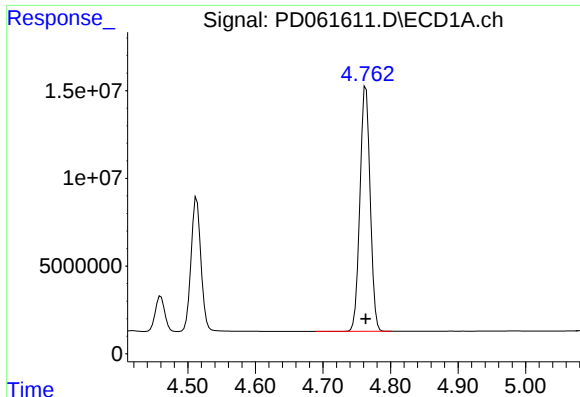
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 77231812  
Conc: 96.85 ng/ml



#4 Heptachlor

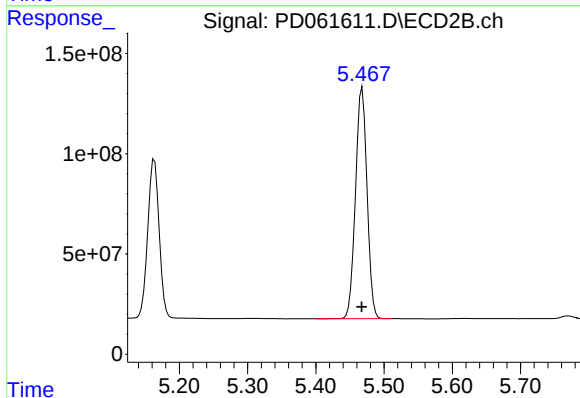
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 922581188  
Conc: 95.81 ng/ml



#5 Aldrin

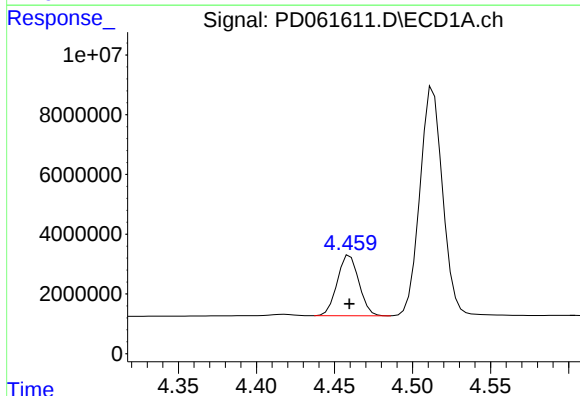
R.T.: 4.764 min  
Delta R.T.: 0.000 min  
Response: 147310348  
Conc: 134.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



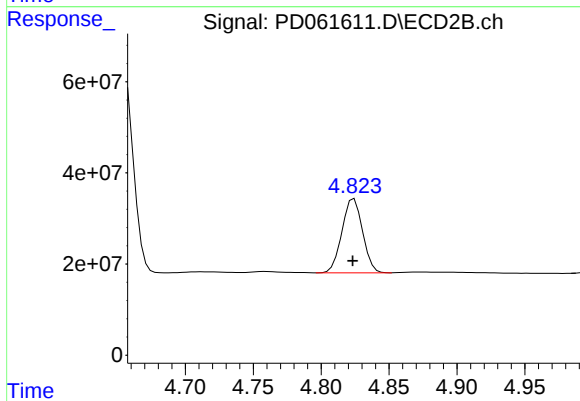
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 1354124772  
Conc: 124.16 ng/ml



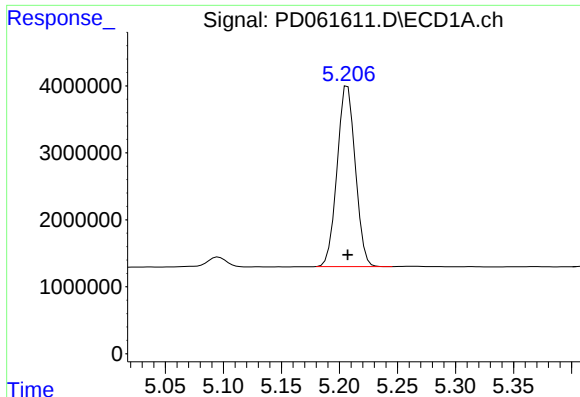
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 19544851  
Conc: 38.69 ng/ml



#6 beta-BHC

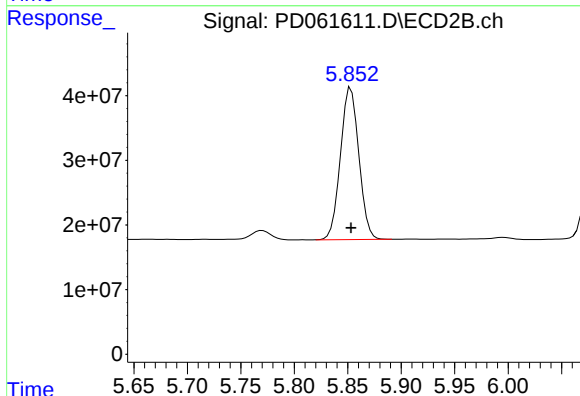
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 171651937  
Conc: 40.53 ng/ml



#8 Heptachlor epoxide

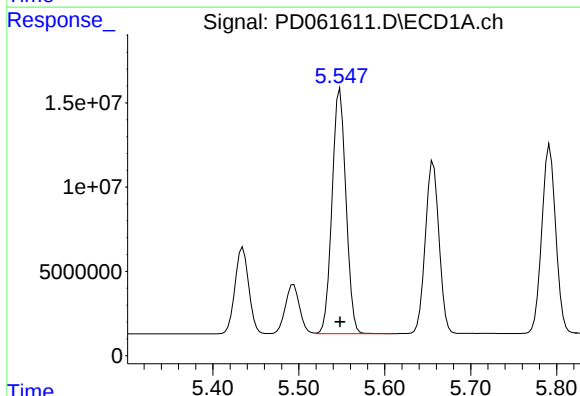
R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 29486996  
Conc: 28.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



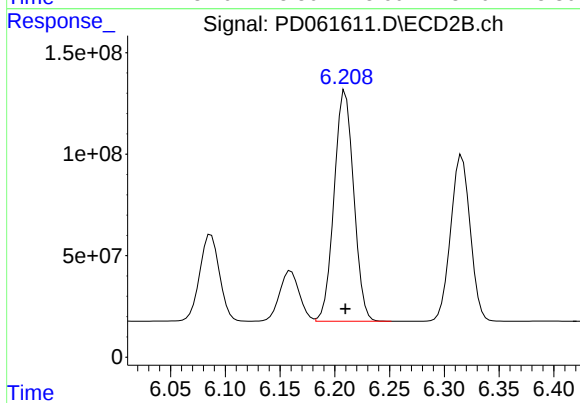
#8 Heptachlor epoxide

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 282600043  
Conc: 29.46 ng/ml



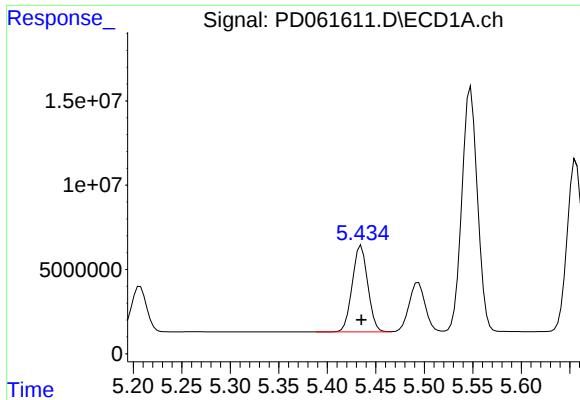
#9 Endosulfan I

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 162646921  
Conc: 161.74 ng/ml



#9 Endosulfan I

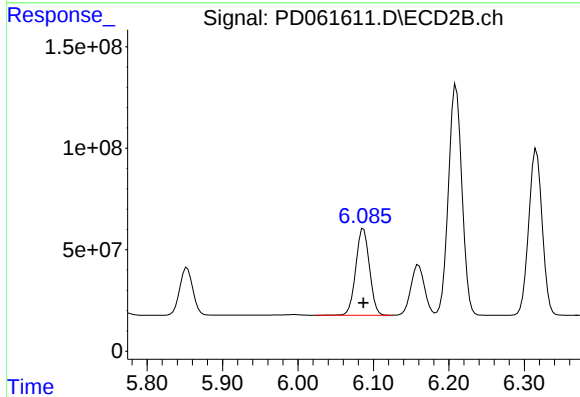
R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 1412066676  
Conc: 151.84 ng/ml



#10 gamma-Chlordane

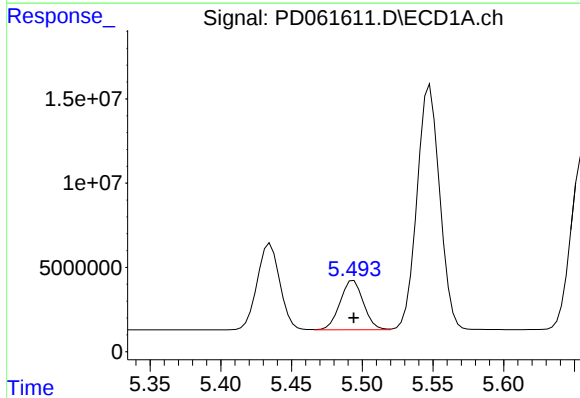
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 57023793  
Conc: 53.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



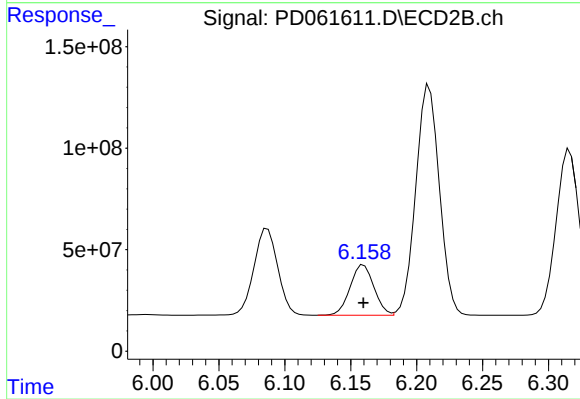
#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 537484391  
Conc: 52.02 ng/ml



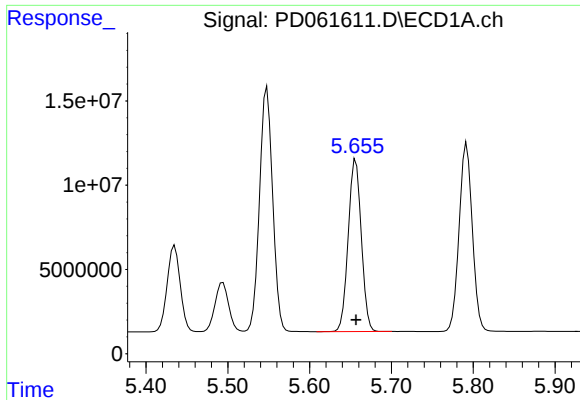
#11 alpha-Chlordane

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 33676263  
Conc: 31.89 ng/ml



#11 alpha-Chlordane

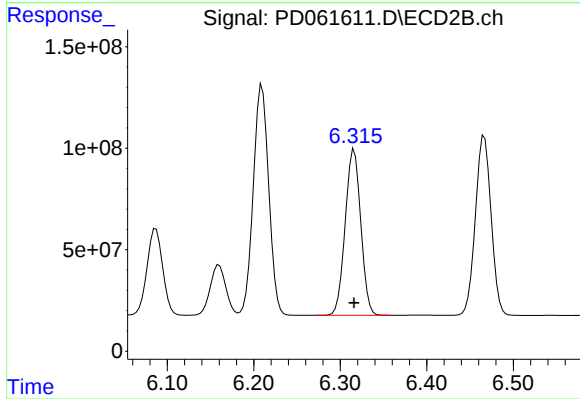
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 311660255  
Conc: 31.83 ng/ml



#12 4,4'-DDE

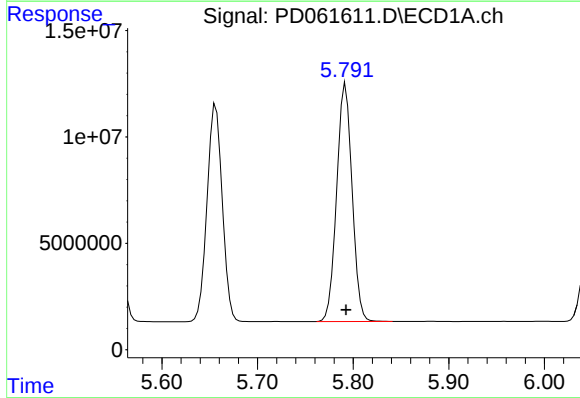
R.T.: 5.656 min  
Delta R.T.: 0.000 min  
Response: 112847024  
Conc: 108.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



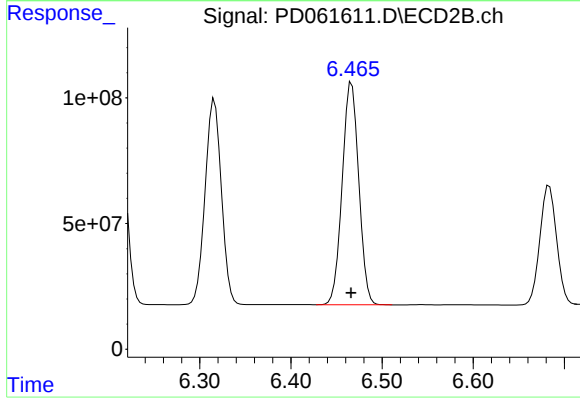
#12 4,4'-DDE

R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 1016250335  
Conc: 101.42 ng/ml



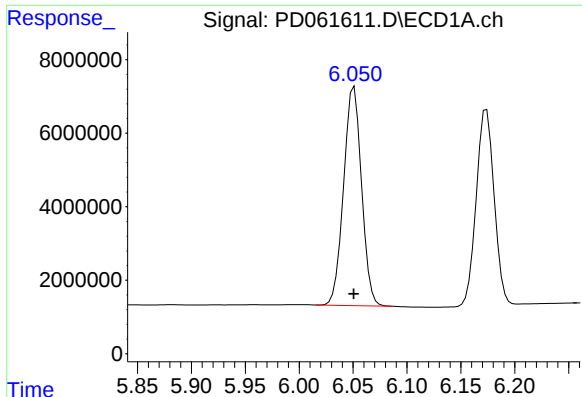
#13 Dieldrin

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 125274847  
Conc: 122.17 ng/ml



#13 Dieldrin

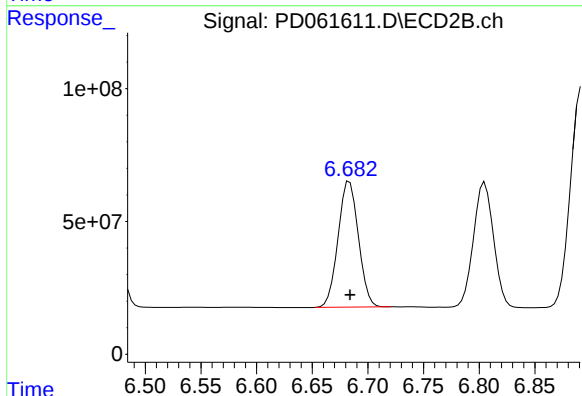
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 1119118534  
Conc: 111.20 ng/ml



#14 Endrin

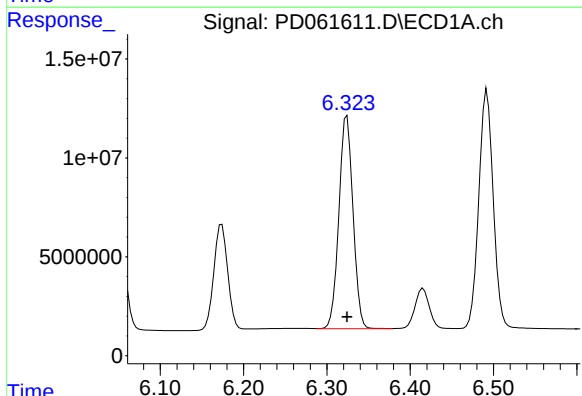
R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 68980112  
Conc: 75.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



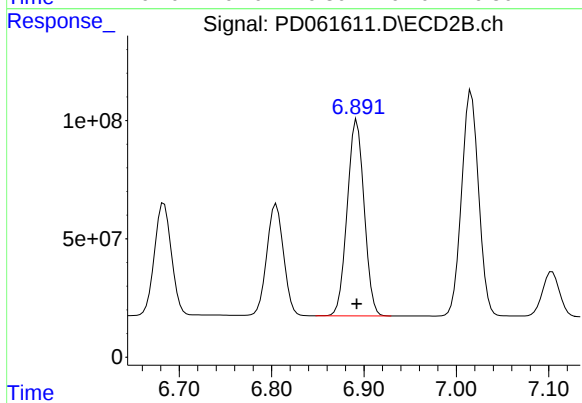
#14 Endrin

R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 603187389  
Conc: 73.22 ng/ml



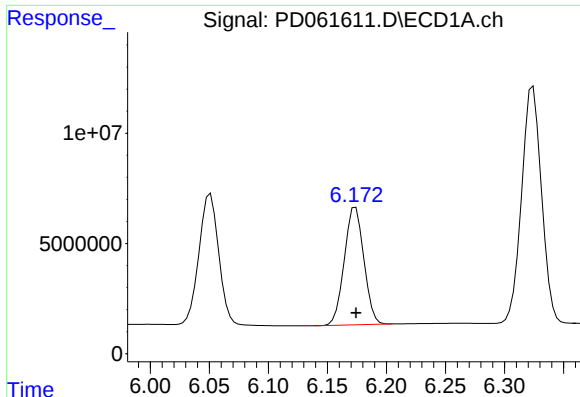
#15 Endosulfan II

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 126868571  
Conc: 135.04 ng/ml



#15 Endosulfan II

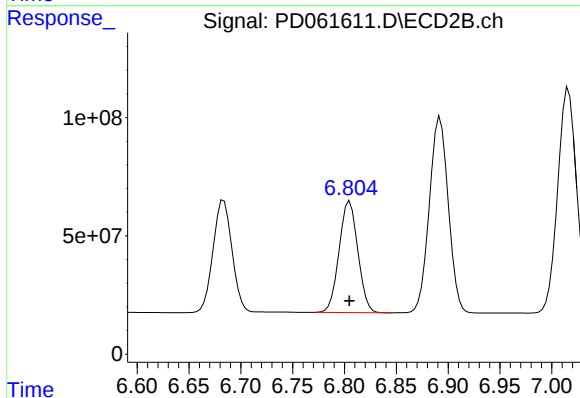
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 1055049951  
Conc: 125.79 ng/ml



#16 4,4'-DDD

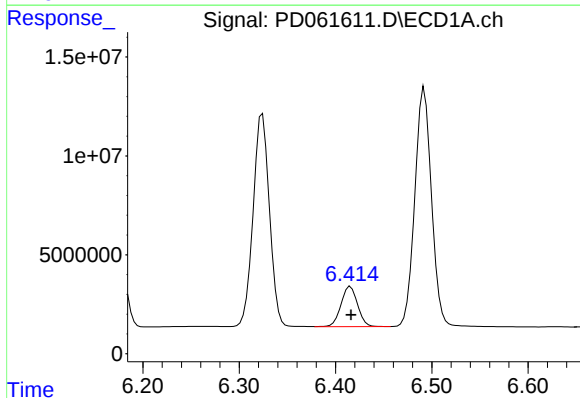
R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 61395219  
Conc: 80.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



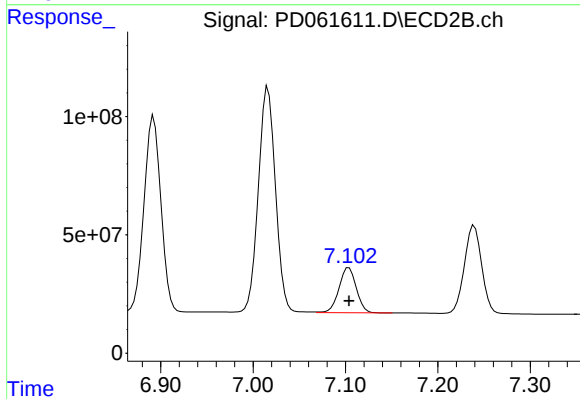
#16 4,4'-DDD

R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 591653751  
Conc: 73.70 ng/ml



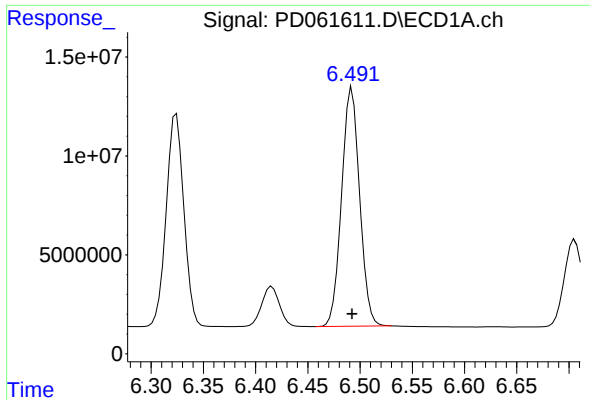
#17 4,4'-DDT

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 24188811  
Conc: 30.31 ng/ml



#17 4,4'-DDT

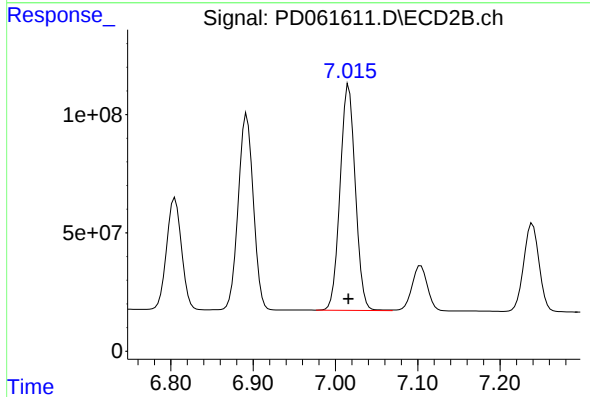
R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 247022918  
Conc: 29.25 ng/ml



#18 Endrin aldehyde

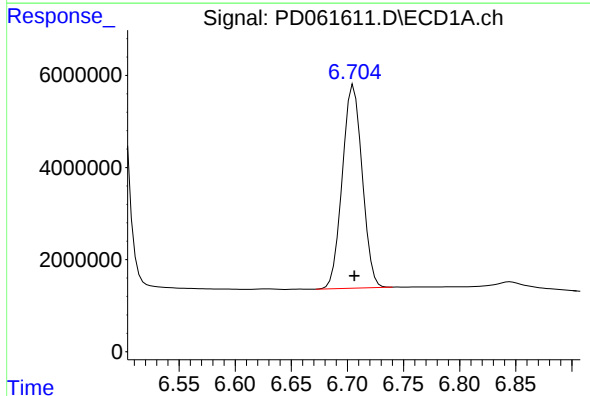
R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 144621636  
Conc: 191.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



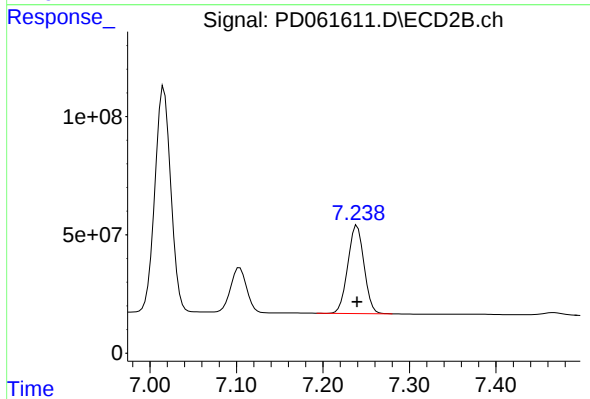
#18 Endrin aldehyde

R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 1227739265  
Conc: 178.63 ng/ml



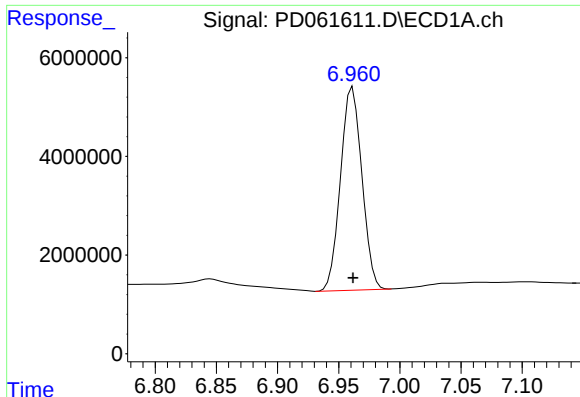
#19 Endosulfan Sulfate

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 54483856  
Conc: 56.20 ng/ml



#19 Endosulfan Sulfate

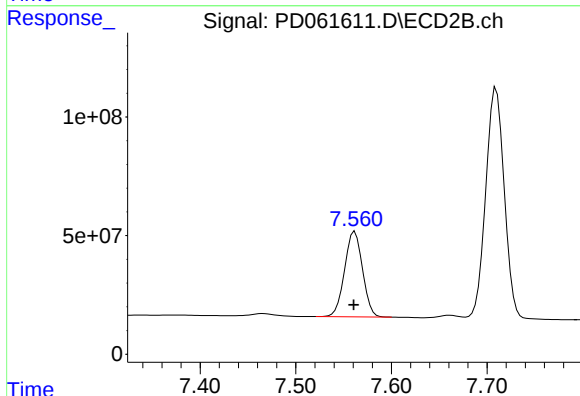
R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 482345226  
Conc: 55.44 ng/ml



#20 Methoxychlor

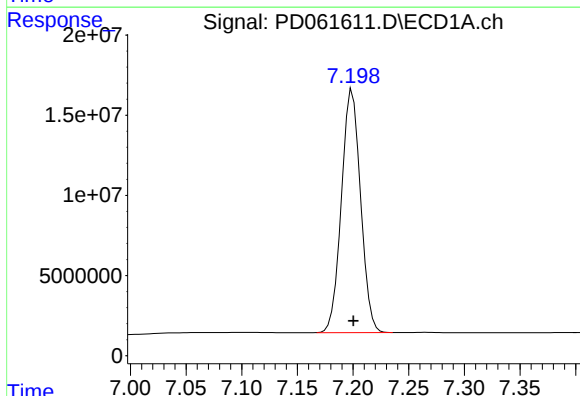
R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 50129956  
Conc: 128.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



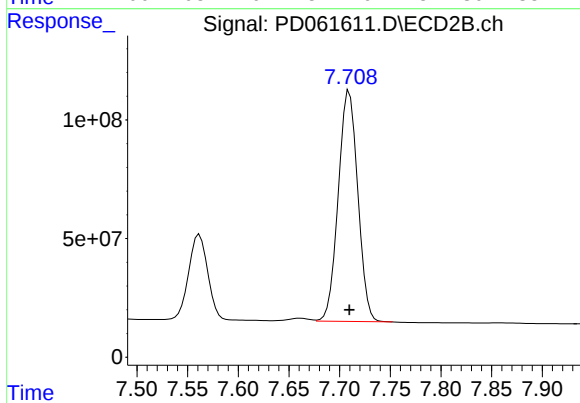
#20 Methoxychlor

R.T.: 7.562 min  
Delta R.T.: 0.001 min  
Response: 470822767  
Conc: 123.02 ng/ml



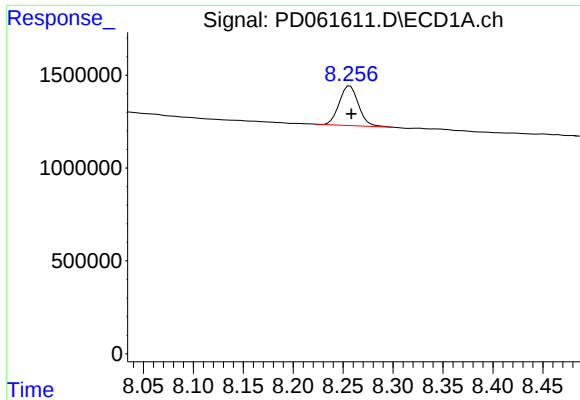
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 181831045  
Conc: 156.75 ng/ml



#21 Endrin ketone

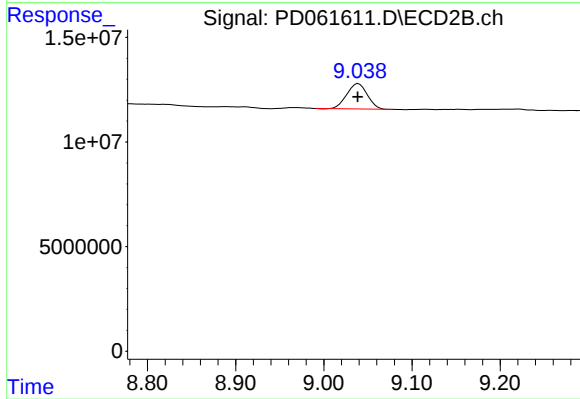
R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 1303644561  
Conc: 143.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min  
Delta R.T.: -0.001 min  
Response: 2836227  
Conc: 2.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-WPDL



#28 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 19629253  
Conc: 2.34 ng/ml