

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120419\  
 Data File : PL054777.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Dec 2019 21:05  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 00:17:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|--------|
| -----                       |                 |       |       |         |          |        |        |
| System Monitoring Compounds |                 |       |       |         |          |        |        |
| 1)                          | SA Tetrachlo... | 3.538 | 4.051 | 562.0E6 | 134.2E6  | 48.306 | 52.579 |
| 28)                         | SA Decachlor... | 8.322 | 9.154 | 406.4E6 | 112.2E6  | 42.439 | 46.793 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.982 | 4.443 | 923.5E6 | 191.5E6  | 48.645 | 54.065 |
| 3)                          | MA gamma-BHC... | 4.268 | 4.729 | 840.7E6 | 174.3E6  | 49.317 | 53.444 |
| 4)                          | MA Heptachlor   | 4.574 | 5.239 | 839.5E6 | 157.1E6  | 47.610 | 52.048 |
| 5)                          | MB Aldrin       | 4.826 | 5.544 | 789.8E6 | 147.6E6  | 48.455 | 52.963 |
| 6)                          | B beta-BHC      | 4.519 | 4.899 | 354.7E6 | 75149823 | 47.825 | 53.365 |
| 7)                          | B delta-BHC     | 4.727 | 5.117 | 795.8E6 | 158.0E6  | 48.958 | 59.259 |
| 8)                          | B Heptachlor... | 5.271 | 5.931 | 738.2E6 | 147.3E6  | 48.801 | 58.975 |
| 9)                          | A Endosulfan I  | 5.613 | 6.289 | 660.6E6 | 125.3E6  | 48.443 | 50.651 |
| 10)                         | B gamma-Chl...  | 5.500 | 6.166 | 739.0E6 | 135.3E6  | 48.735 | 51.354 |
| 11)                         | B alpha-Chl...  | 5.558 | 6.239 | 689.5E6 | 133.7E6  | 46.758 | 50.906 |
| 12)                         | B 4,4'-DDE      | 5.722 | 6.395 | 571.7E6 | 126.2E6  | 42.973 | 50.965 |
| 13)                         | MA Dieldrin     | 5.858 | 6.547 | 670.3E6 | 129.6E6  | 47.268 | 50.903 |
| 14)                         | MA Endrin       | 6.116 | 6.766 | 571.1E6 | 104.9E6  | 44.846 | 47.328 |
| 15)                         | B Endosulfa...  | 6.389 | 6.976 | 532.3E6 | 114.9E6  | 43.993 | 48.881 |
| 16)                         | A 4,4'-DDD      | 6.239 | 6.887 | 483.5E6 | 103.1E6  | 49.505 | 53.690 |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.186 | 441.7E6 | 92203623 | 42.158 | 46.536 |
| 18)                         | B Endrin al...  | 6.558 | 7.100 | 433.7E6 | 97004020 | 43.794 | 49.487 |
| 19)                         | B Endosulfa...  | 6.772 | 7.324 | 472.9E6 | 104.9E6  | 44.164 | 49.463 |
| 20)                         | A Methoxychlor  | 7.026 | 7.647 | 215.1E6 | 50664263 | 42.910 | 44.416 |
| 21)                         | B Endrin ke...  | 7.265 | 7.798 | 495.8E6 | 111.4E6  | 45.612 | 49.488 |
| 22)                         | Mirex           | 7.458 | 8.255 | 348.4E6 | 82807924 | 42.909 | 47.912 |
| -----                       |                 |       |       |         |          |        |        |

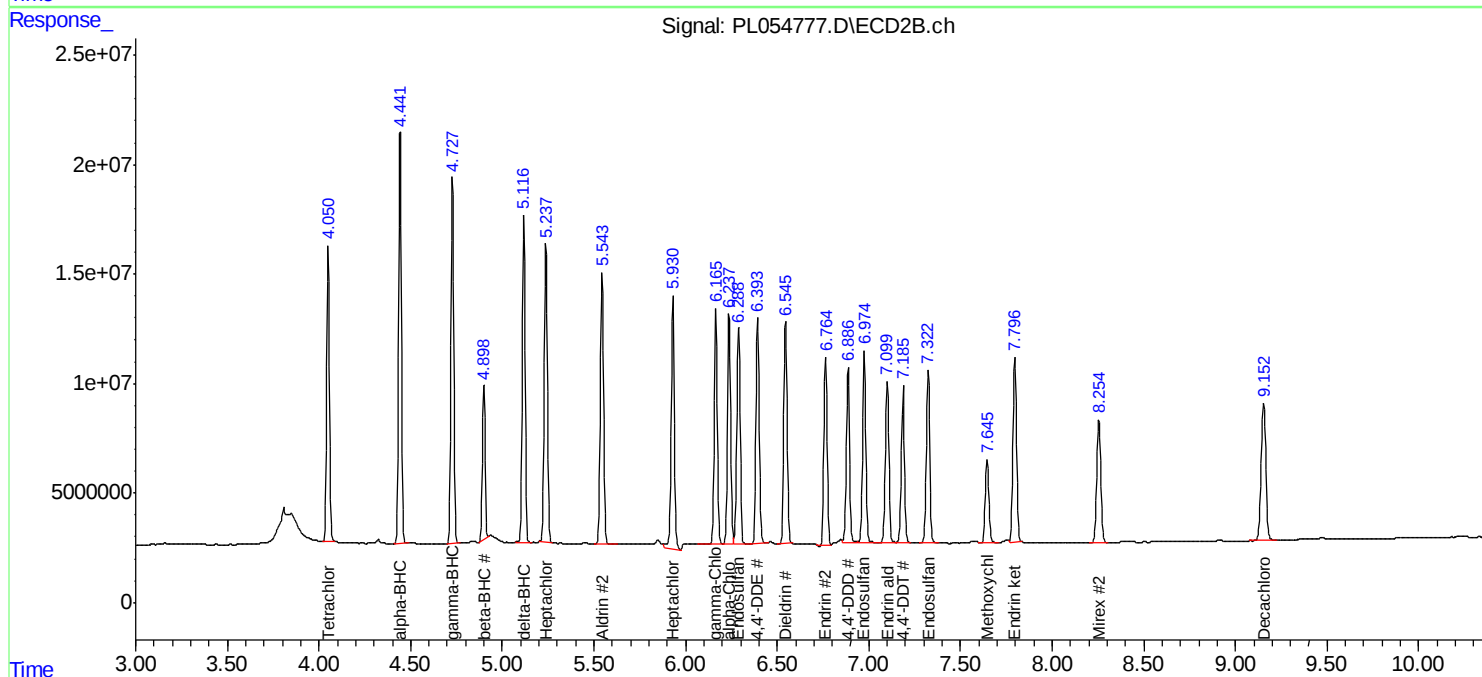
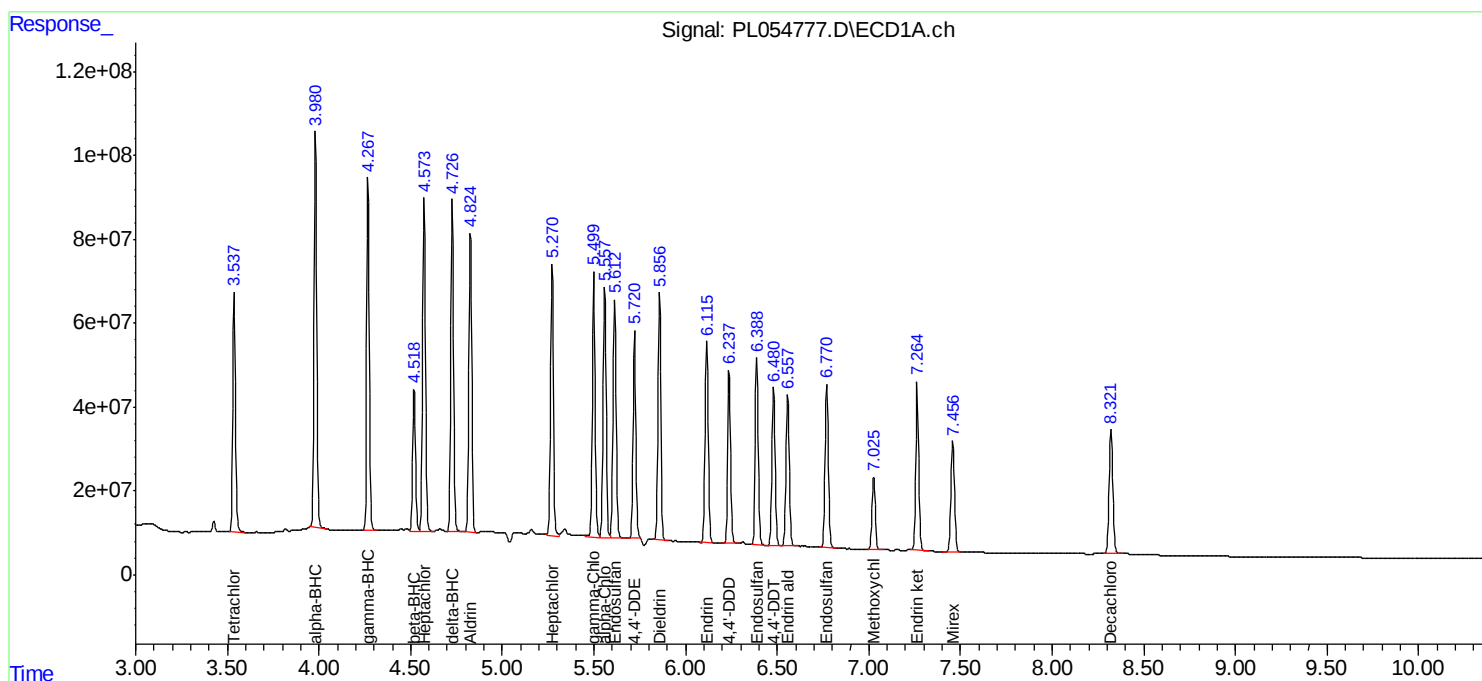
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

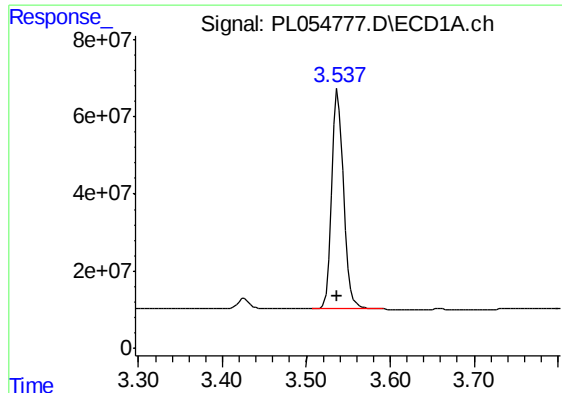
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120419\  
Data File : PL054777.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Dec 2019 21:05  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 00:17:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 2019  
Response via : Initial Calibration  
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Volume Inj. : 1 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 x0.5µm

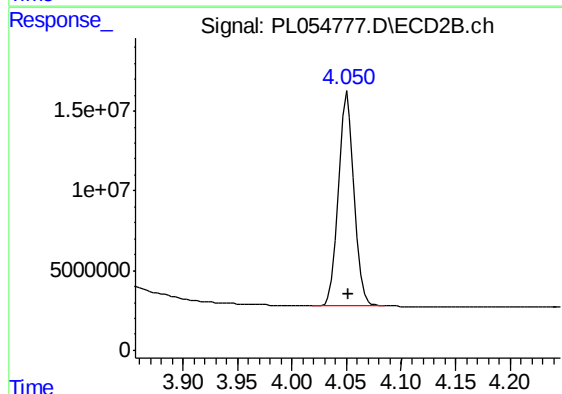




#1 Tetrachloro-m-xylene

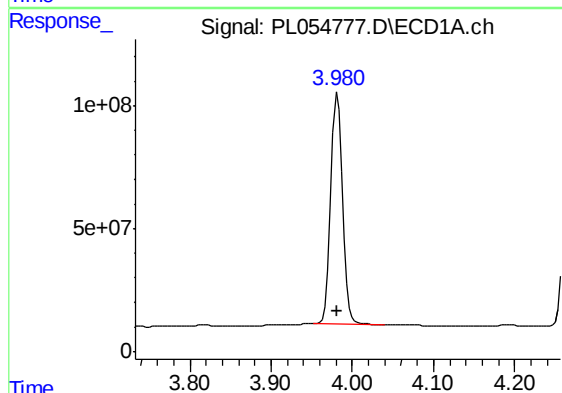
R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 561995729  
Conc: 48.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



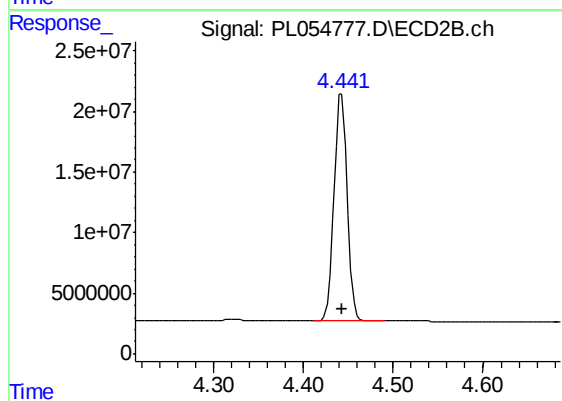
#1 Tetrachloro-m-xylene

R.T.: 4.051 min  
Delta R.T.: 0.000 min  
Response: 134171620  
Conc: 52.58 ng/ml



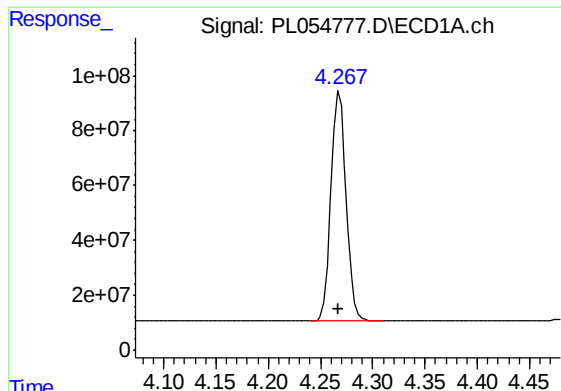
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 923489525  
Conc: 48.65 ng/ml



#2 alpha-BHC

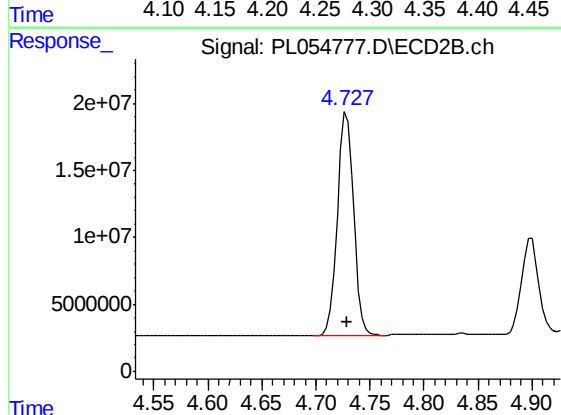
R.T.: 4.443 min  
Delta R.T.: 0.000 min  
Response: 191537685  
Conc: 54.06 ng/ml



#3 gamma-BHC (Lindane)

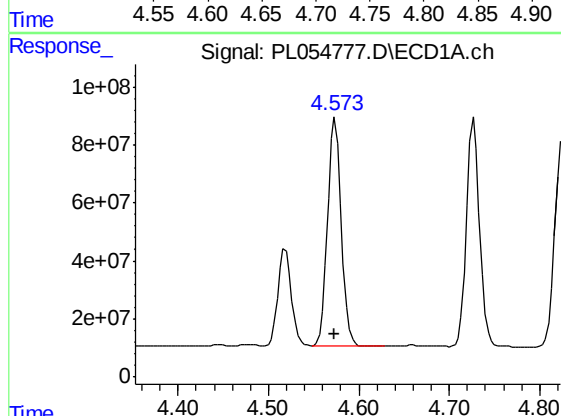
R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 840653341  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



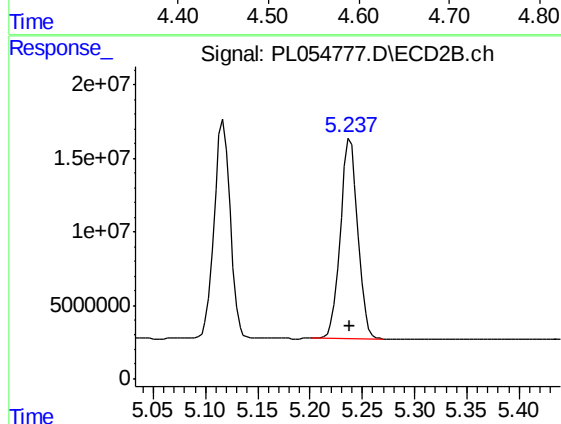
#3 gamma-BHC (Lindane)

R.T.: 4.729 min  
Delta R.T.: 0.000 min  
Response: 174255358  
Conc: 53.44 ng/ml



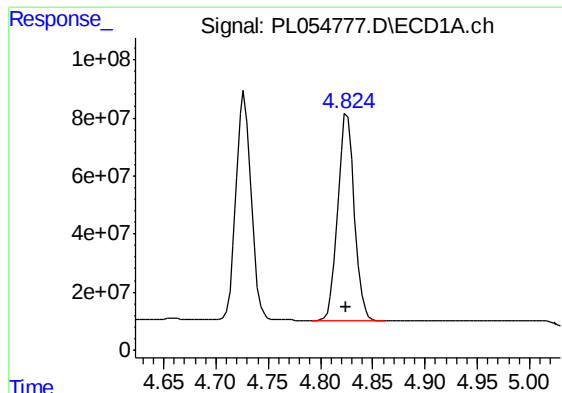
#4 Heptachlor

R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 839524713  
Conc: 47.61 ng/ml



#4 Heptachlor

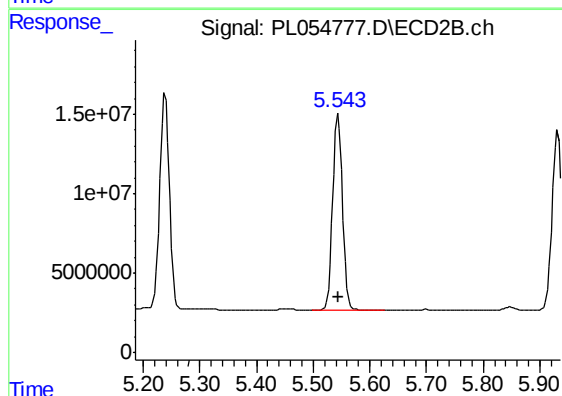
R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 157080893  
Conc: 52.05 ng/ml



#5 Aldrin

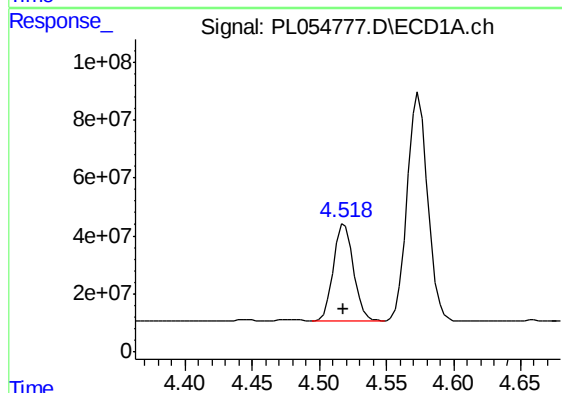
R.T.: 4.826 min  
Delta R.T.: 0.000 min  
Response: 789813629  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



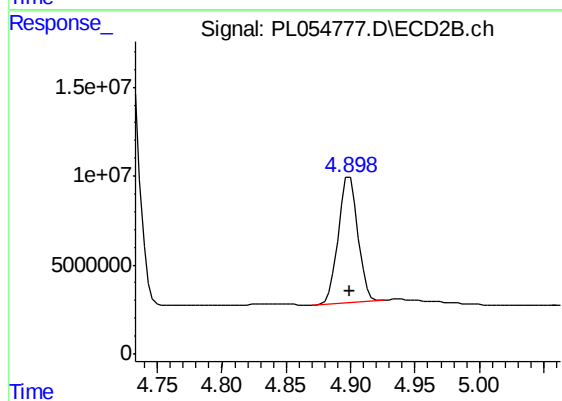
#5 Aldrin

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 147579898  
Conc: 52.96 ng/ml



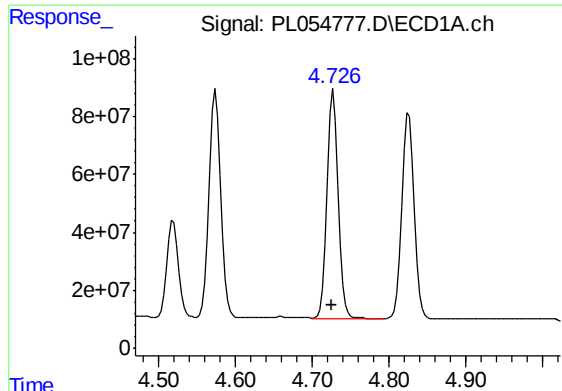
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.001 min  
Response: 354711345  
Conc: 47.82 ng/ml



#6 beta-BHC

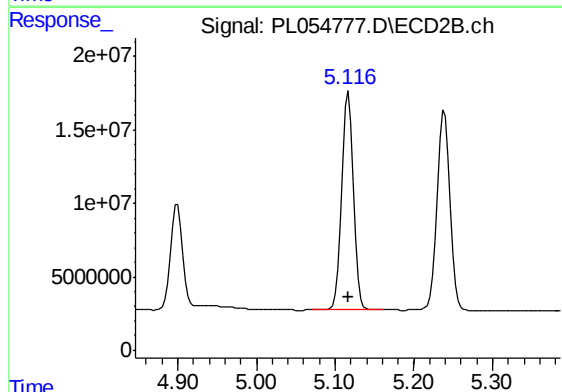
R.T.: 4.899 min  
Delta R.T.: 0.000 min  
Response: 75149823  
Conc: 53.36 ng/ml



#7 delta-BHC

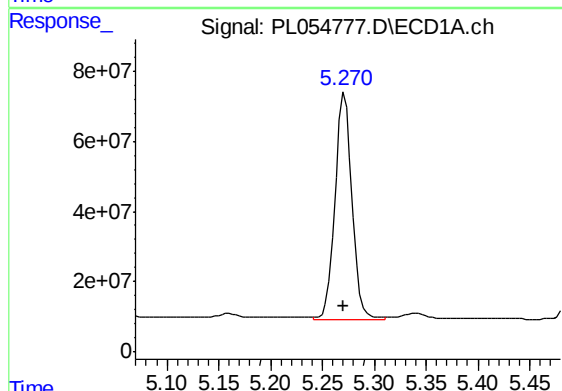
R.T.: 4.727 min  
Delta R.T.: 0.001 min  
Response: 795824524  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



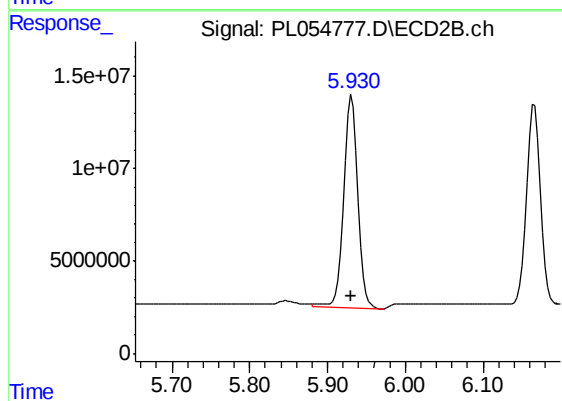
#7 delta-BHC

R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 157995758  
Conc: 59.26 ng/ml



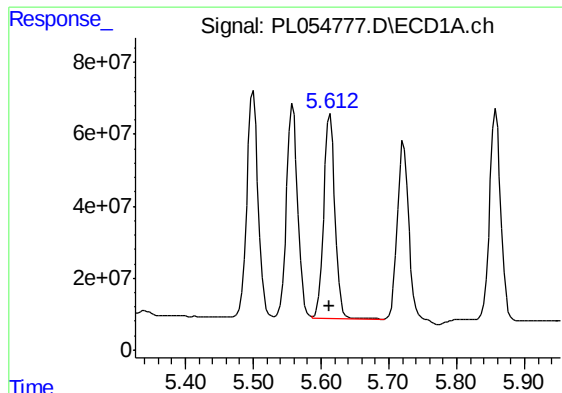
#8 Heptachlor epoxide

R.T.: 5.271 min  
Delta R.T.: 0.002 min  
Response: 738172841  
Conc: 48.80 ng/ml



#8 Heptachlor epoxide

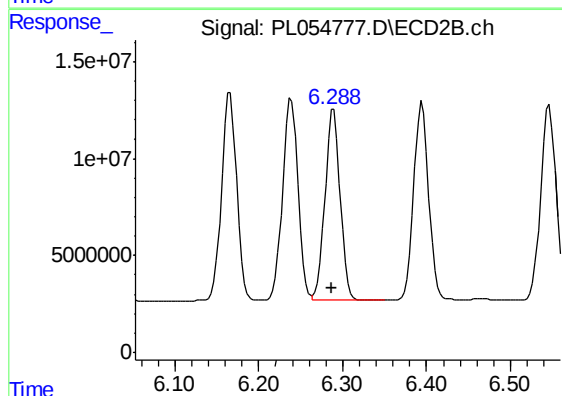
R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 147331628  
Conc: 58.98 ng/ml



#9 Endosulfan I

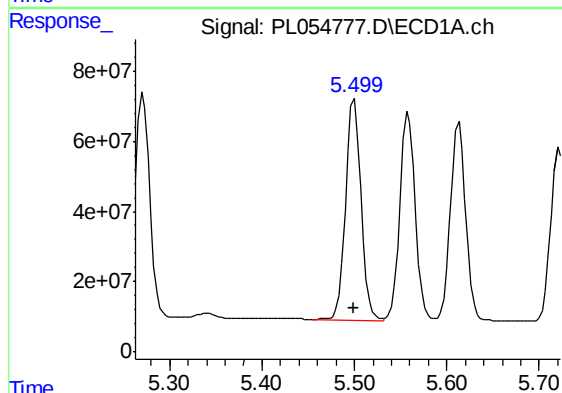
R.T.: 5.613 min  
Delta R.T.: 0.002 min  
Response: 660605781  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



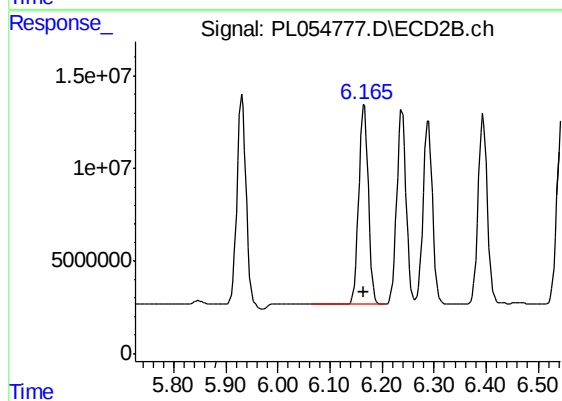
#9 Endosulfan I

R.T.: 6.289 min  
Delta R.T.: 0.002 min  
Response: 125285733  
Conc: 50.65 ng/ml



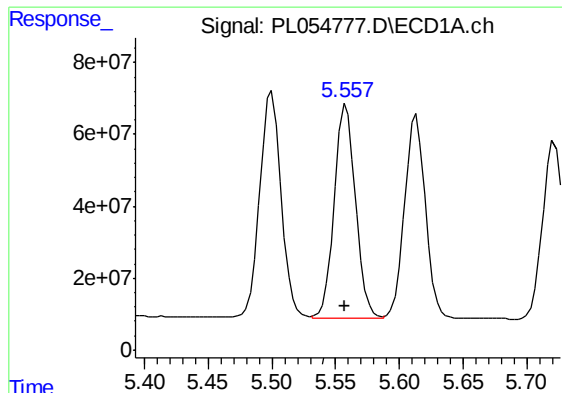
#10 gamma-Chlordane

R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 739021691  
Conc: 48.73 ng/ml



#10 gamma-Chlordane

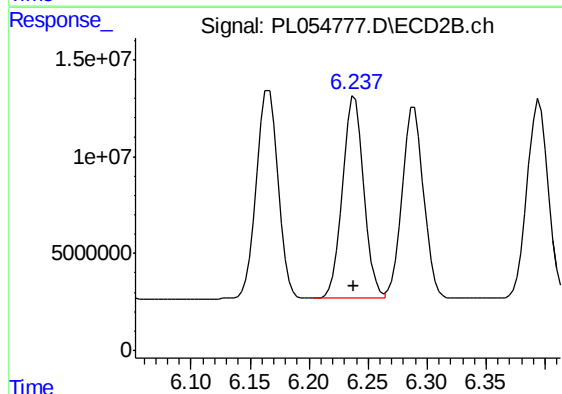
R.T.: 6.166 min  
Delta R.T.: 0.001 min  
Response: 135286500  
Conc: 51.35 ng/ml



#11 alpha-Chlordane

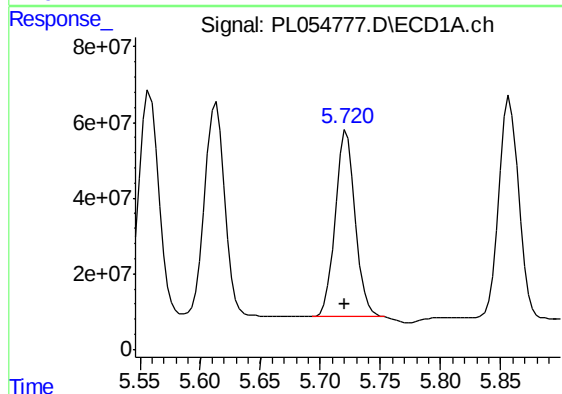
R.T.: 5.558 min  
Delta R.T.: 0.002 min  
Response: 689482564  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



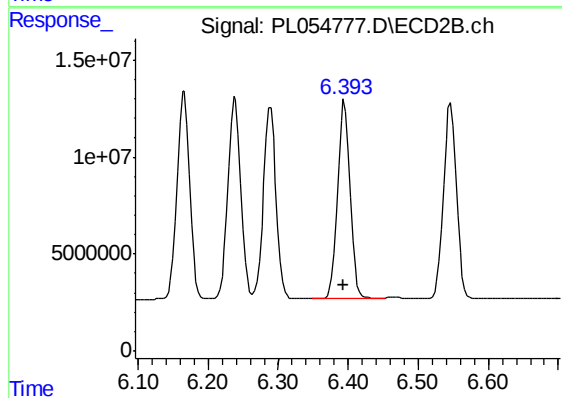
#11 alpha-Chlordane

R.T.: 6.239 min  
Delta R.T.: 0.001 min  
Response: 133661803  
Conc: 50.91 ng/ml



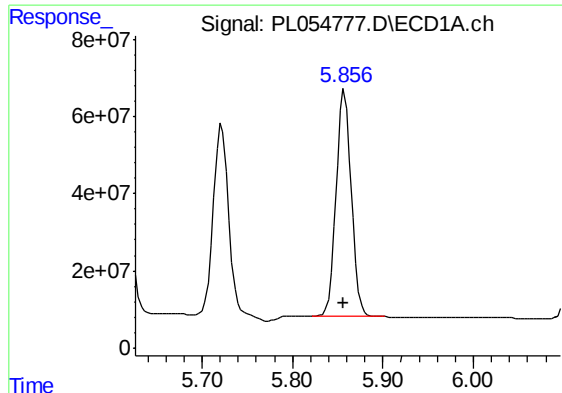
#12 4,4'-DDE

R.T.: 5.722 min  
Delta R.T.: 0.002 min  
Response: 571743506  
Conc: 42.97 ng/ml



#12 4,4'-DDE

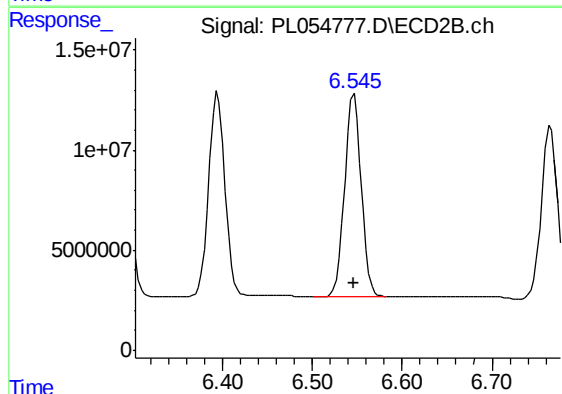
R.T.: 6.395 min  
Delta R.T.: 0.001 min  
Response: 126158936  
Conc: 50.96 ng/ml



#13 Dielddrin

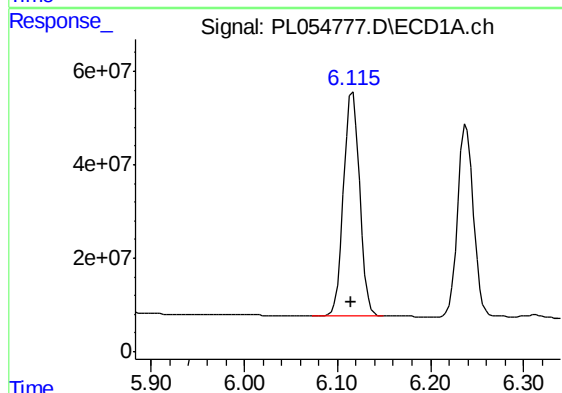
R.T.: 5.858 min  
Delta R.T.: 0.002 min  
Response: 670299882  
Conc: 47.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



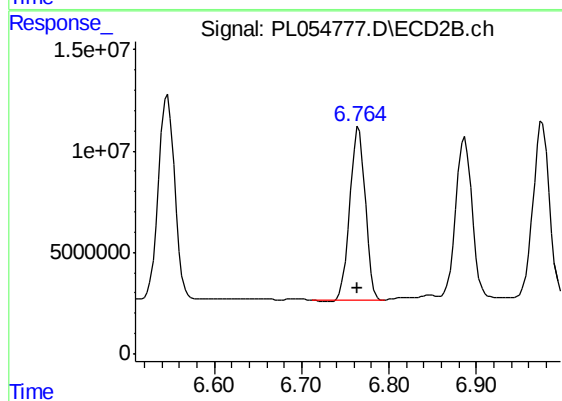
#13 Dielddrin

R.T.: 6.547 min  
Delta R.T.: 0.001 min  
Response: 129564281  
Conc: 50.90 ng/ml



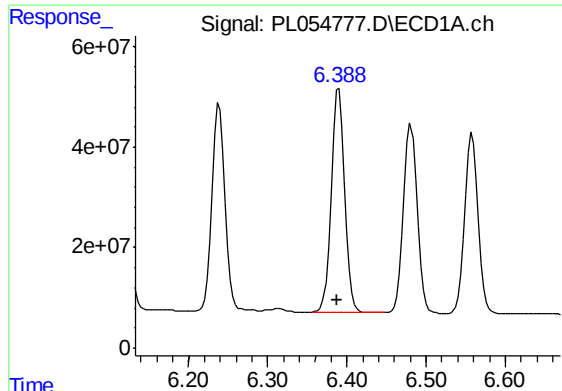
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: 0.002 min  
Response: 571054736  
Conc: 44.85 ng/ml



#14 Endrin

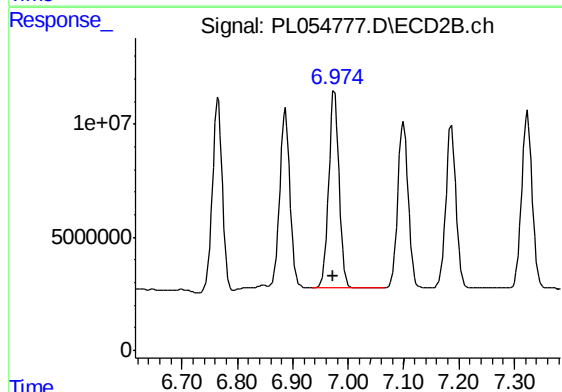
R.T.: 6.766 min  
Delta R.T.: 0.001 min  
Response: 104850079  
Conc: 47.33 ng/ml



#15 Endosulfan II

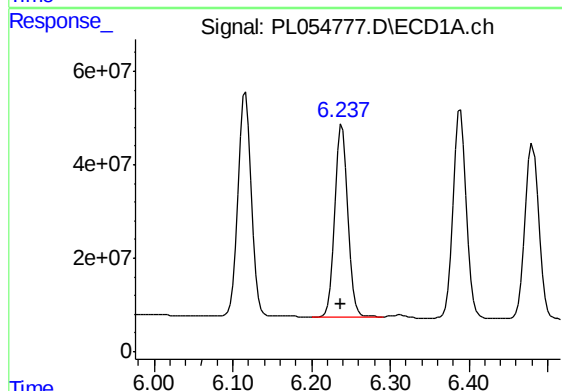
R.T.: 6.389 min  
Delta R.T.: 0.002 min  
Response: 532322219  
Conc: 43.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



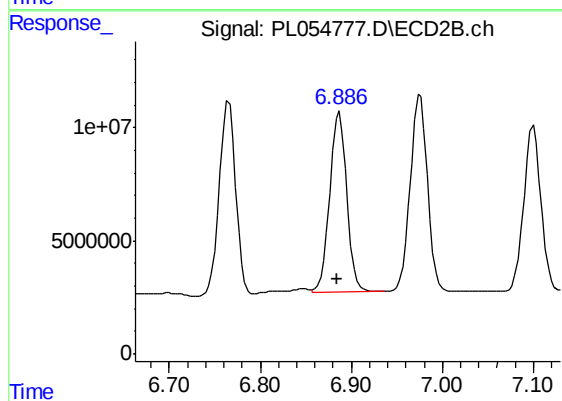
#15 Endosulfan II

R.T.: 6.976 min  
Delta R.T.: 0.002 min  
Response: 114919892  
Conc: 48.88 ng/ml



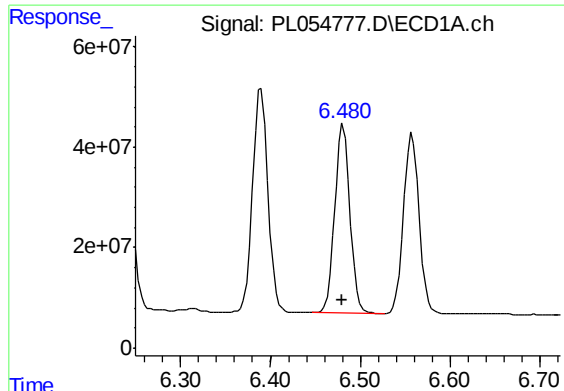
#16 4,4'-DDD

R.T.: 6.239 min  
Delta R.T.: 0.001 min  
Response: 483535011  
Conc: 49.51 ng/ml



#16 4,4'-DDD

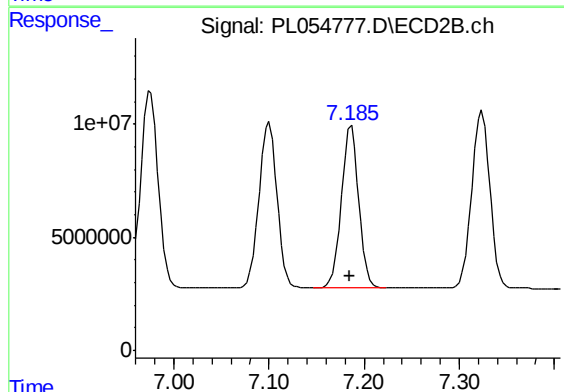
R.T.: 6.887 min  
Delta R.T.: 0.002 min  
Response: 103088358  
Conc: 53.69 ng/ml



#17 4,4'-DDT

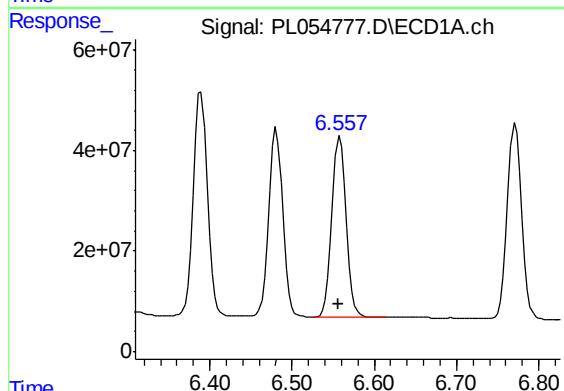
R.T.: 6.481 min  
Delta R.T.: 0.002 min  
Response: 441656564  
Conc: 42.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



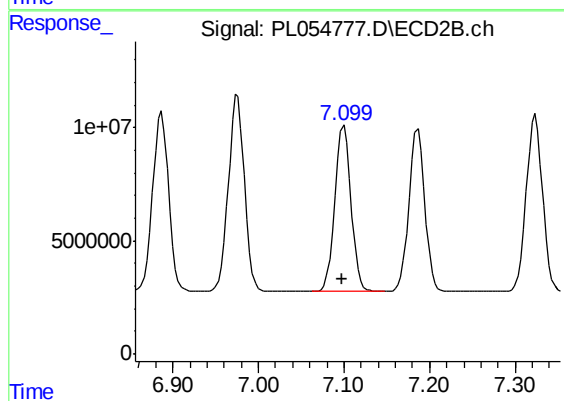
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: 0.002 min  
Response: 92203623  
Conc: 46.54 ng/ml



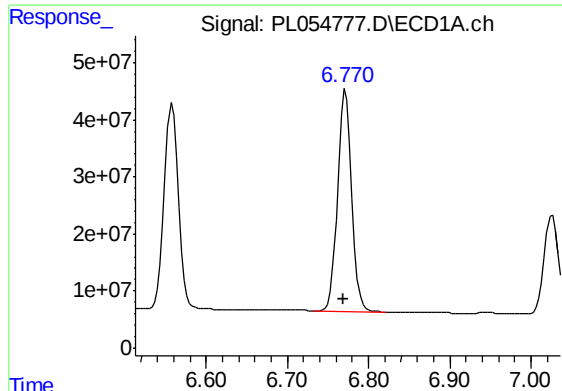
#18 Endrin aldehyde

R.T.: 6.558 min  
Delta R.T.: 0.002 min  
Response: 433690972  
Conc: 43.79 ng/ml



#18 Endrin aldehyde

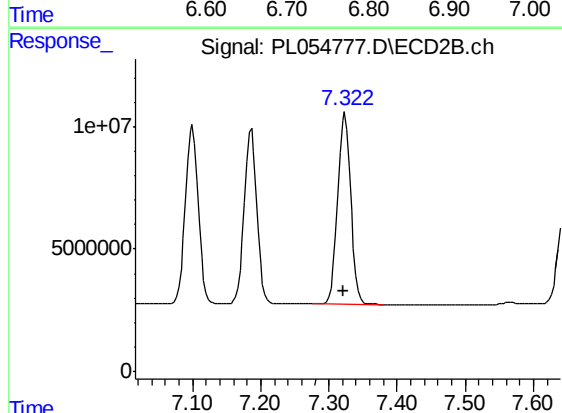
R.T.: 7.100 min  
Delta R.T.: 0.002 min  
Response: 97004020  
Conc: 49.49 ng/ml



#19 Endosulfan Sulfate

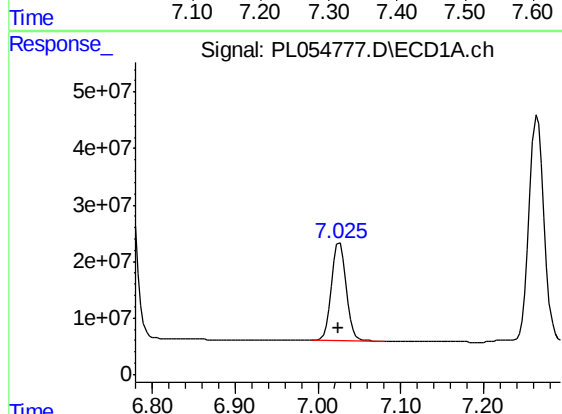
R.T.: 6.772 min  
Delta R.T.: 0.002 min  
Response: 472944996  
Conc: 44.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



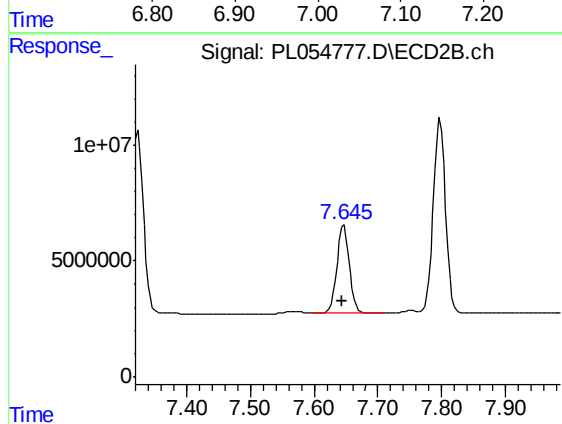
#19 Endosulfan Sulfate

R.T.: 7.324 min  
Delta R.T.: 0.002 min  
Response: 104886120  
Conc: 49.46 ng/ml



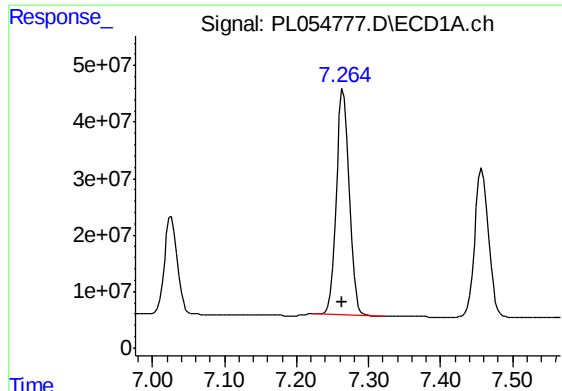
#20 Methoxychlor

R.T.: 7.026 min  
Delta R.T.: 0.002 min  
Response: 215056862  
Conc: 42.91 ng/ml



#20 Methoxychlor

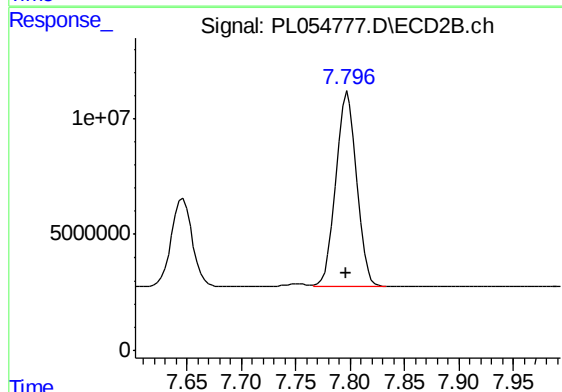
R.T.: 7.647 min  
Delta R.T.: 0.002 min  
Response: 50664263  
Conc: 44.42 ng/ml



#21 Endrin ketone

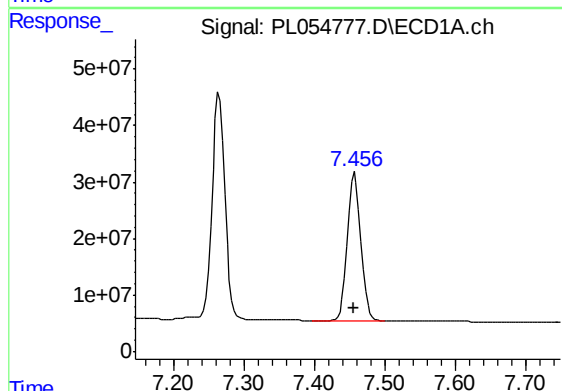
R.T.: 7.265 min  
Delta R.T.: 0.002 min  
Response: 495761958  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



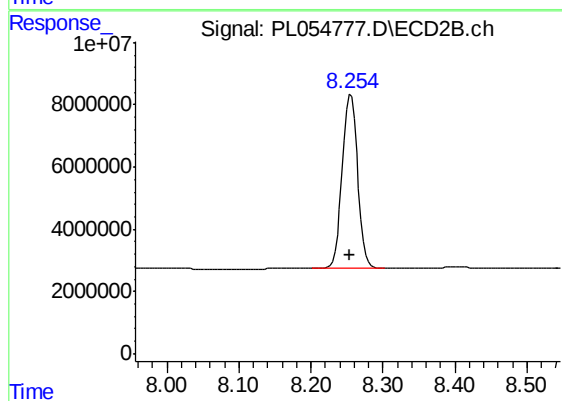
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: 0.002 min  
Response: 111394527  
Conc: 49.49 ng/ml



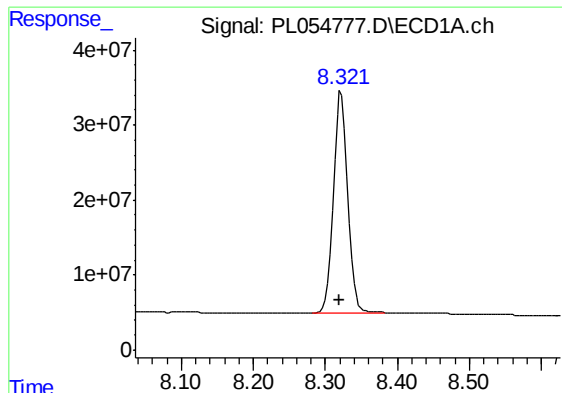
#22 Mirex

R.T.: 7.458 min  
Delta R.T.: 0.002 min  
Response: 348357968  
Conc: 42.91 ng/ml



#22 Mirex

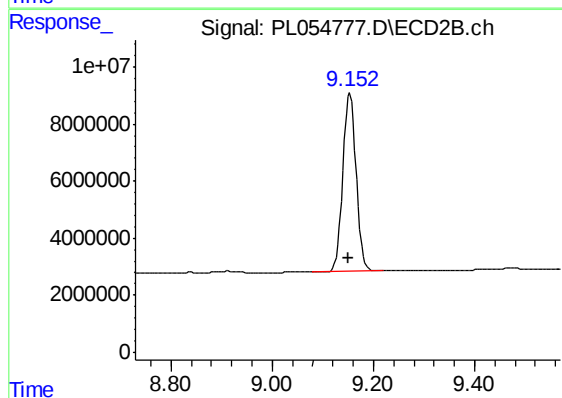
R.T.: 8.255 min  
Delta R.T.: 0.001 min  
Response: 82807924  
Conc: 47.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.322 min  
Delta R.T.: 0.002 min  
Response: 406395880  
Conc: 42.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.154 min  
Delta R.T.: 0.002 min  
Response: 112184080  
Conc: 46.79 ng/ml