

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012821\  
 Data File : PL064475.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2021 14:35  
 Operator : AR\AJ  
 Sample : M1236-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 L229R-WO(S)-1-14-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 28 17:13:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 18 13:25:12 2021  
 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... | 3.433 | 4.107 | 58024389 | 42463057 | 19.351 | 16.610 |
| 28)                         | SA Decachlor... | 8.164 | 9.269 | 52090719 | 35831636 | 17.067 | 15.097 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.867 | 4.509 | 216.0E6  | 152.2E6  | 43.425 | 41.657 |
| 3)                          | MA gamma-BHC... | 4.147 | 4.800 | 201.2E6  | 145.5E6  | 43.390 | 41.299 |
| 4)                          | MA Heptachlor   | 4.447 | 5.313 | 191.7E6  | 146.6E6  | 43.749 | 40.826 |
| 5)                          | MB Aldrin       | 4.692 | 5.623 | 179.4E6  | 128.1E6  | 44.760 | 41.277 |
| 6)                          | B beta-BHC      | 4.397 | 4.977 | 82786615 | 65751087 | 44.135 | 40.053 |
| 7)                          | B delta-BHC     | 4.599 | 5.198 | 184.8E6  | 124.0E6  | 39.895 | 39.057 |
| 8)                          | B Heptachlo...  | 5.133 | 6.018 | 170.1E6  | 109.8E6  | 44.894 | 42.135 |
| 9)                          | A Endosulfan I  | 5.469 | 6.380 | 154.8E6  | 112.7E6  | 43.826 | 41.127 |
| 10)                         | B gamma-Chl...  | 5.359 | 6.253 | 170.9E6  | 148.2E6  | 44.123 | 49.328 |
| 11)                         | B alpha-Chl...  | 5.417 | 6.326 | 169.4E6  | 123.8E6  | 44.273 | 40.655 |
| 12)                         | B 4,4'-DDE      | 5.584 | 6.482 | 156.5E6  | 108.6E6  | 44.432 | 40.767 |
| 13)                         | MA Dieldrin     | 5.710 | 6.641 | 164.0E6  | 114.6E6  | 44.079 | 40.748 |
| 14)                         | MA Endrin       | 5.965 | 6.862 | 135.6E6  | 82638207 | 39.039 | 36.189 |
| 15)                         | B Endosulfa...  | 6.237 | 7.076 | 140.8E6  | 100.4E6  | 41.540 | 39.740 |
| 16)                         | A 4,4'-DDD      | 6.096 | 6.981 | 126.1E6  | 92625174 | 43.234 | 41.788 |
| 17)                         | MA 4,4'-DDT     | 6.336 | 7.281 | 115.0E6  | 82634381 | 38.508 | 36.484 |
| 18)                         | B Endrin al...  | 6.406 | 7.201 | 122.8E6  | 88518487 | 42.801 | 40.827 |
| 19)                         | B Endosulfa...  | 6.618 | 7.425 | 141.2E6  | 96708425 | 41.607 | 39.153 |
| 20)                         | A Methoxychlor  | 6.882 | 7.741 | 66598026 | 48102987 | 39.852 | 35.601 |
| 21)                         | B Endrin ke...  | 7.104 | 7.904 | 158.2E6  | 101.4E6  | 44.062 | 40.646 |
| 22)                         | Mirex           | 7.291 | 8.357 | 116.4E6  | 75151983 | 42.790 | 37.045 |
| -----                       |                 |       |       |          |          |        |        |

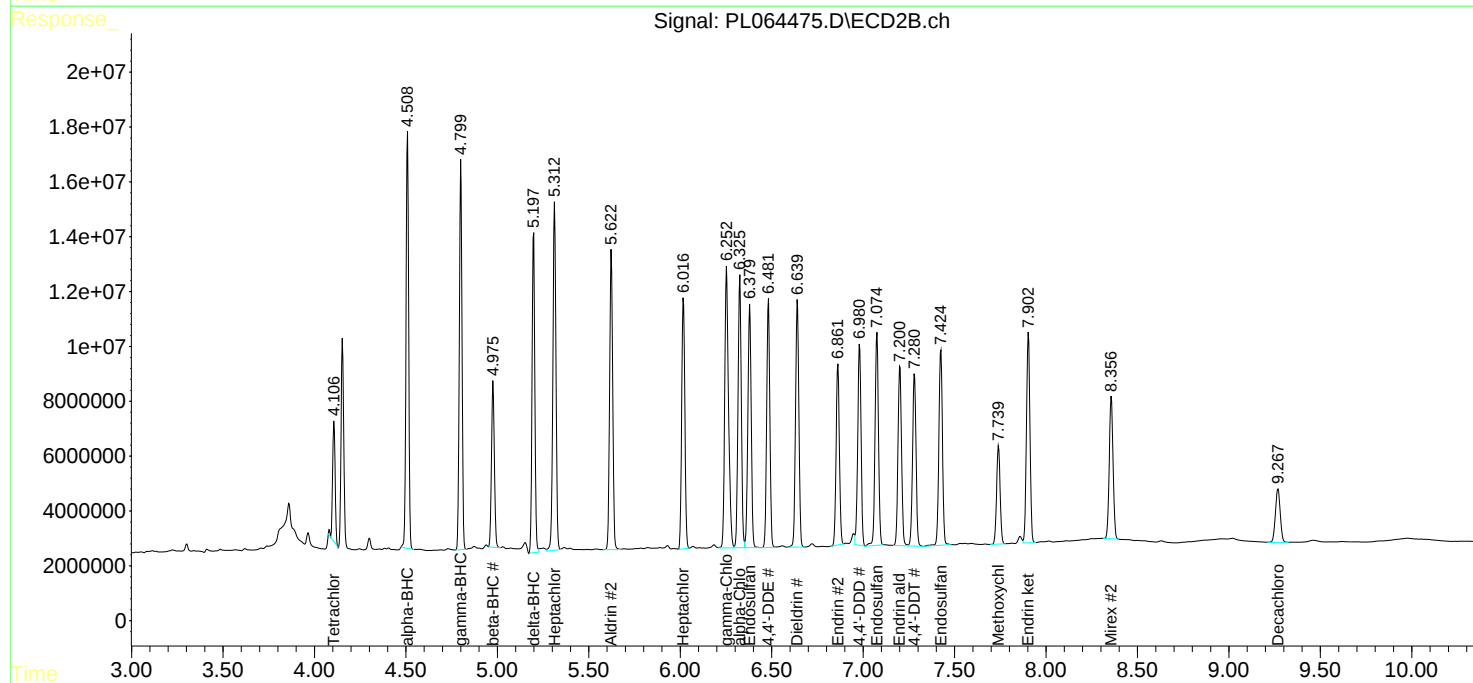
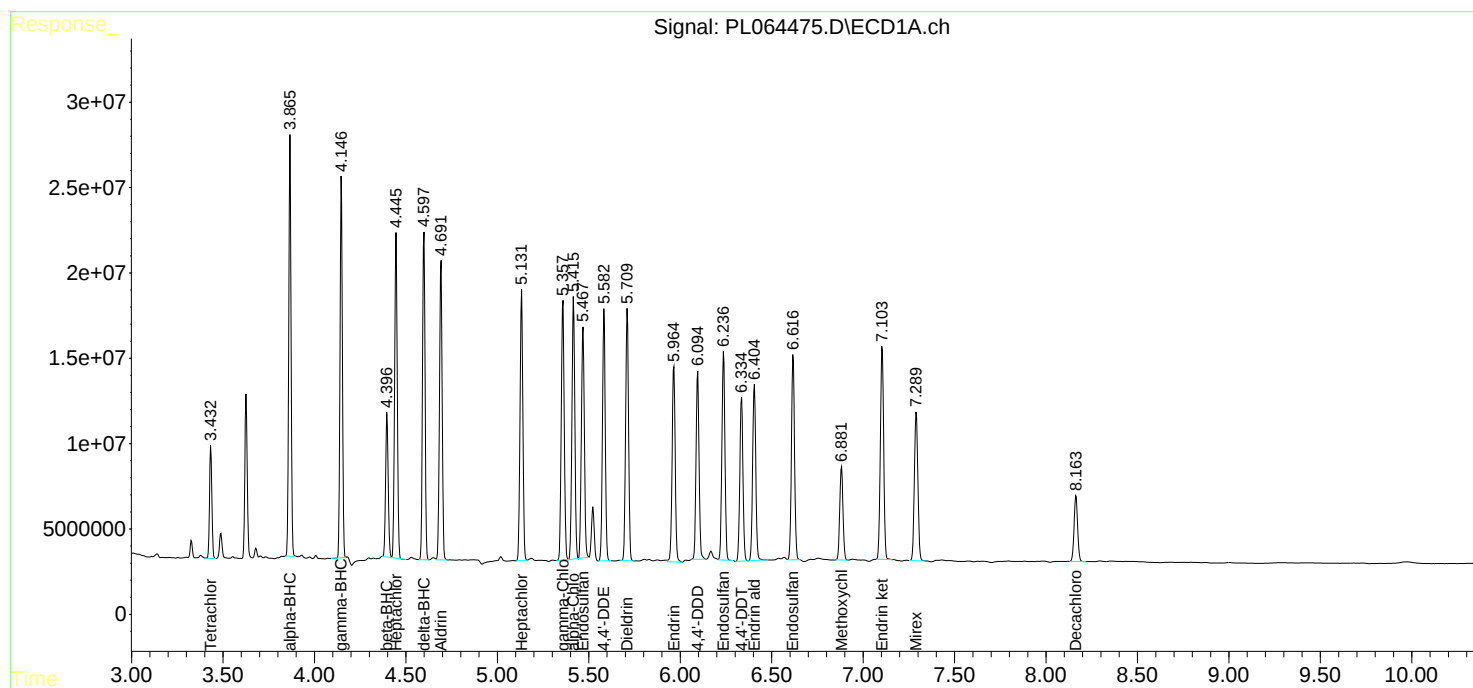
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

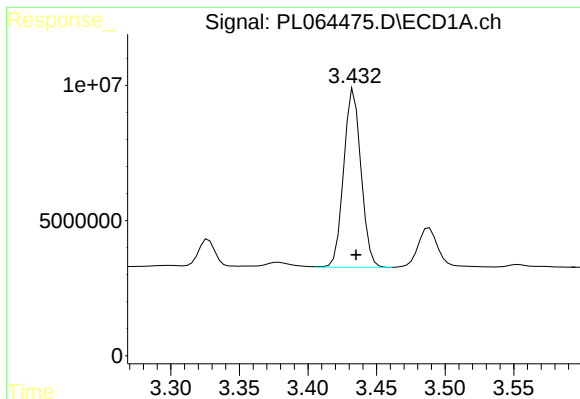
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012821\  
Data File : PL064475.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jan 2021 14:35  
Operator : AR\AJ  
Sample : M1236-02MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 28 17:13:26 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 18 13:25:12 2021  
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

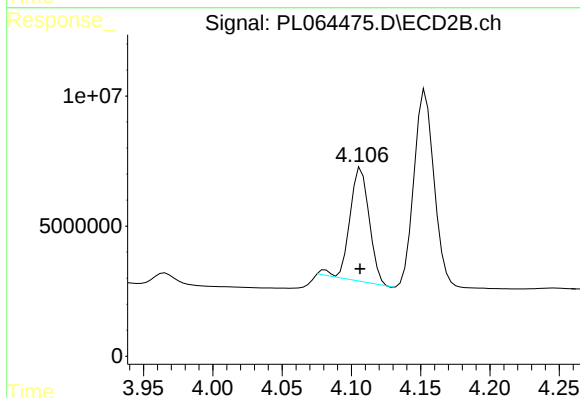




#1 Tetrachloro-m-xylene

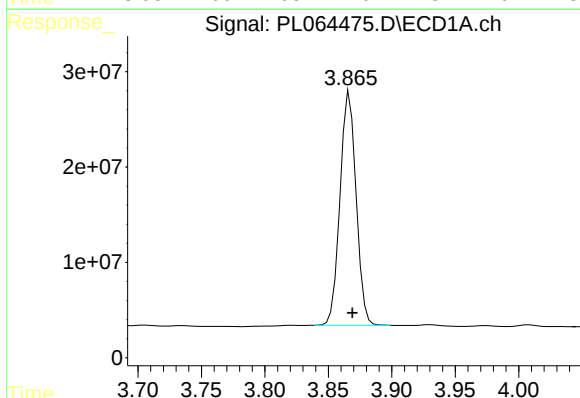
R.T.: 3.433 min  
Delta R.T.: -0.002 min  
Response: 58024389  
Conc: 19.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



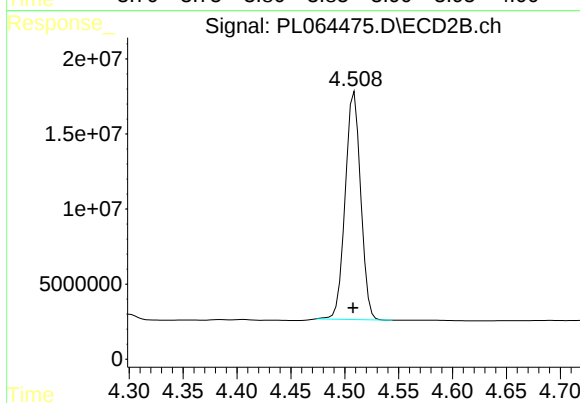
#1 Tetrachloro-m-xylene

R.T.: 4.107 min  
Delta R.T.: 0.000 min  
Response: 42463057  
Conc: 16.61 ng/ml



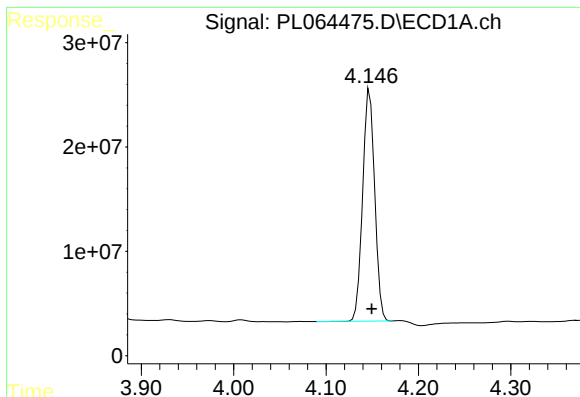
#2 alpha-BHC

R.T.: 3.867 min  
Delta R.T.: -0.002 min  
Response: 215990806  
Conc: 43.43 ng/ml



#2 alpha-BHC

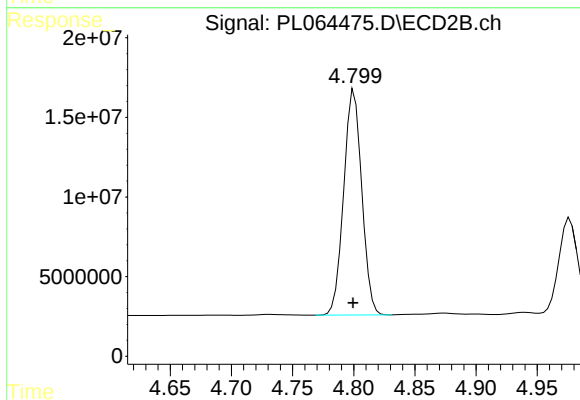
R.T.: 4.509 min  
Delta R.T.: 0.001 min  
Response: 152239008  
Conc: 41.66 ng/ml



#3 gamma-BHC (Lindane)

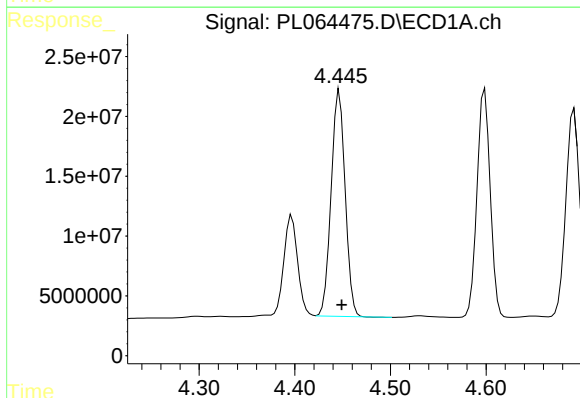
R.T.: 4.147 min  
Delta R.T.: -0.002 min  
Response: 201178267  
Conc: 43.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



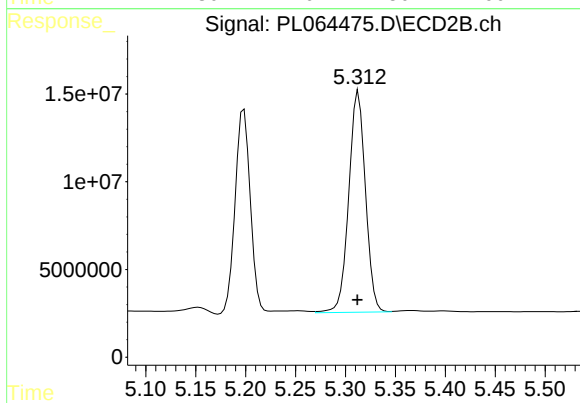
#3 gamma-BHC (Lindane)

R.T.: 4.800 min  
Delta R.T.: 0.001 min  
Response: 145473730  
Conc: 41.30 ng/ml



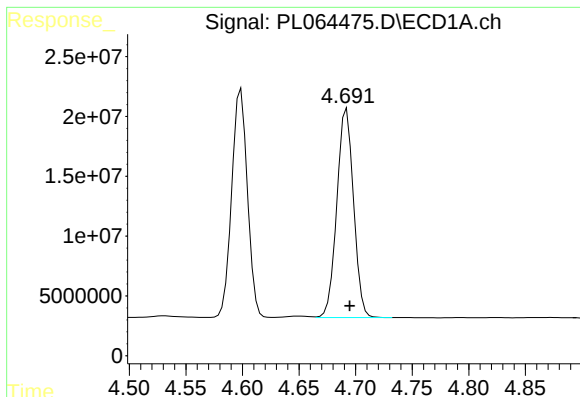
#4 Heptachlor

R.T.: 4.447 min  
Delta R.T.: -0.003 min  
Response: 191699563  
Conc: 43.75 ng/ml



#4 Heptachlor

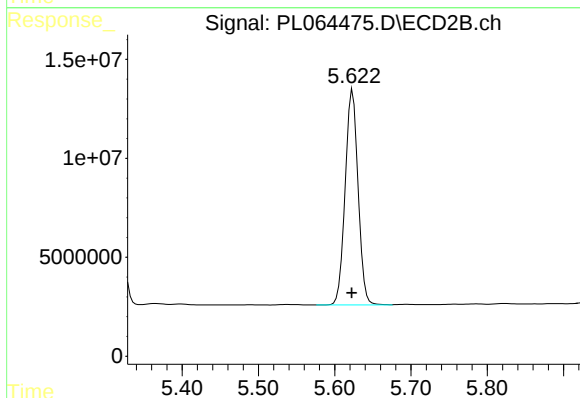
R.T.: 5.313 min  
Delta R.T.: 0.001 min  
Response: 146636578  
Conc: 40.83 ng/ml



#5 Aldrin

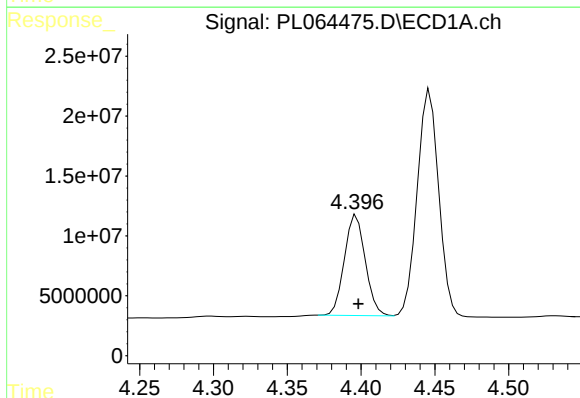
R.T.: 4.692 min  
Delta R.T.: -0.003 min  
Response: 179352764  
Conc: 44.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



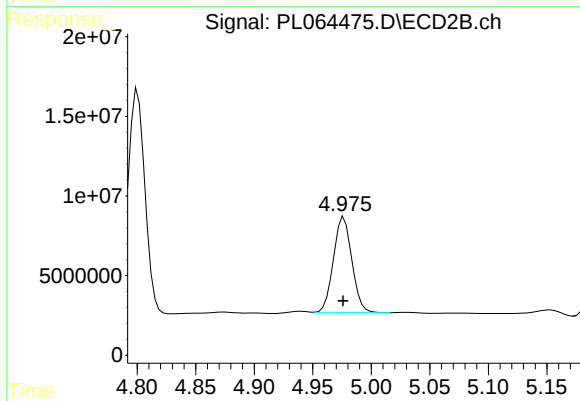
#5 Aldrin

R.T.: 5.623 min  
Delta R.T.: 0.001 min  
Response: 128117231  
Conc: 41.28 ng/ml



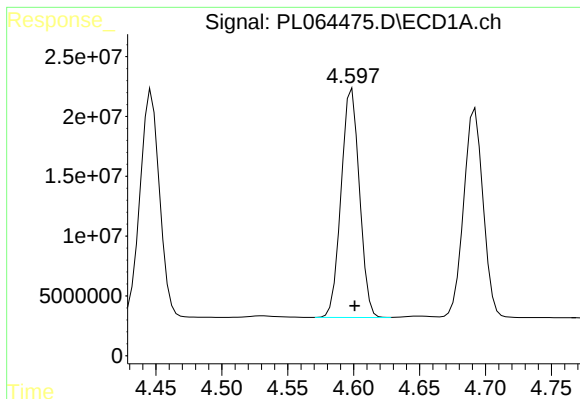
#6 beta-BHC

R.T.: 4.397 min  
Delta R.T.: -0.001 min  
Response: 82786615  
Conc: 44.14 ng/ml



#6 beta-BHC

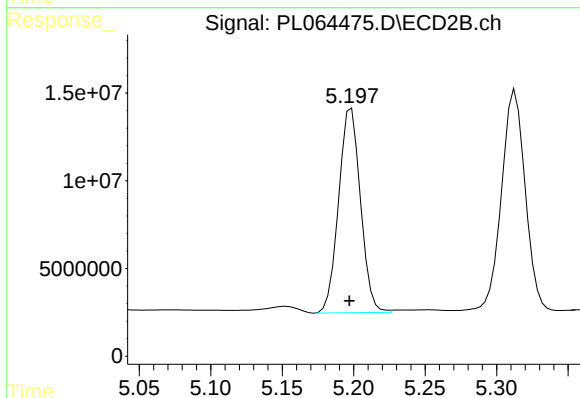
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 65751087  
Conc: 40.05 ng/ml



#7 delta-BHC

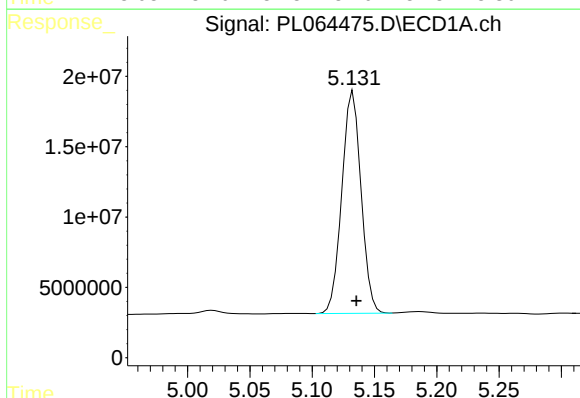
R.T.: 4.599 min  
Delta R.T.: -0.002 min  
Response: 184750613  
Conc: 39.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



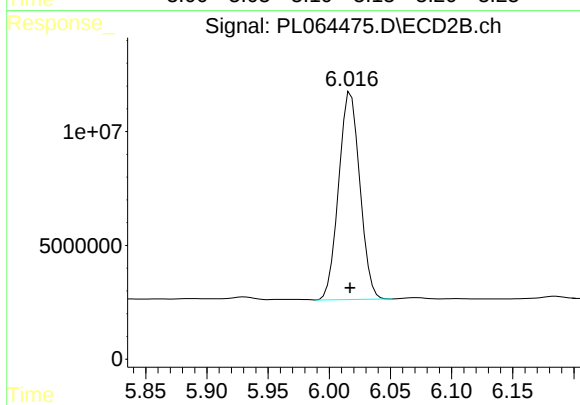
#7 delta-BHC

R.T.: 5.198 min  
Delta R.T.: 0.001 min  
Response: 123993577  
Conc: 39.06 ng/ml



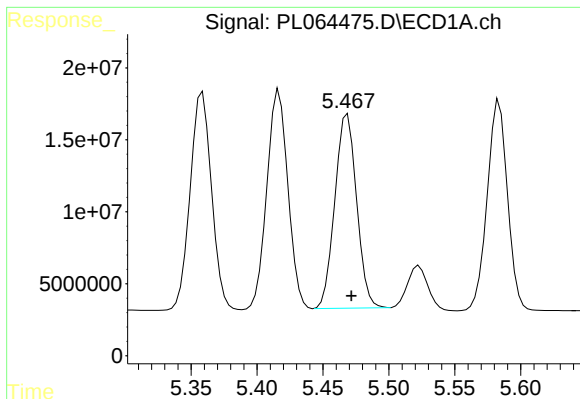
#8 Heptachlor epoxide

R.T.: 5.133 min  
Delta R.T.: -0.002 min  
Response: 170129367  
Conc: 44.89 ng/ml



#8 Heptachlor epoxide

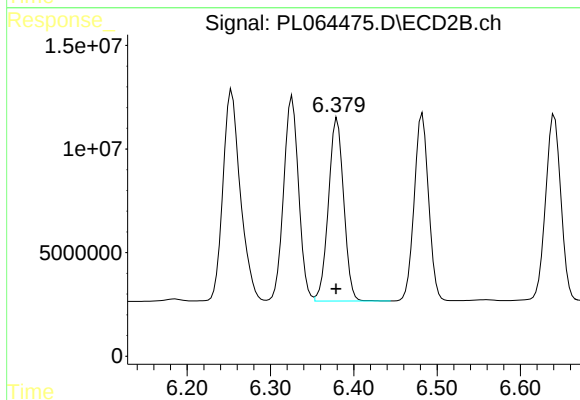
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 109767708  
Conc: 42.14 ng/ml



#9 Endosulfan I

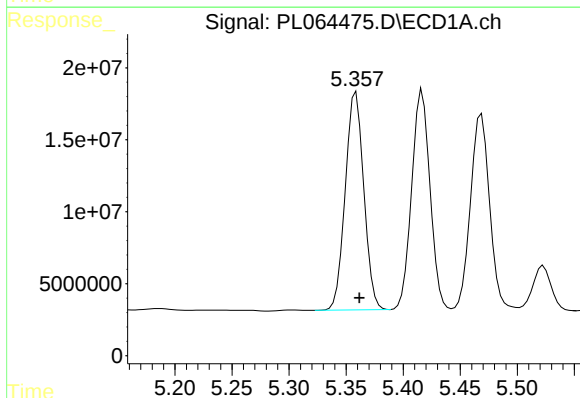
R.T.: 5.469 min  
Delta R.T.: -0.003 min  
Response: 154800257  
Conc: 43.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



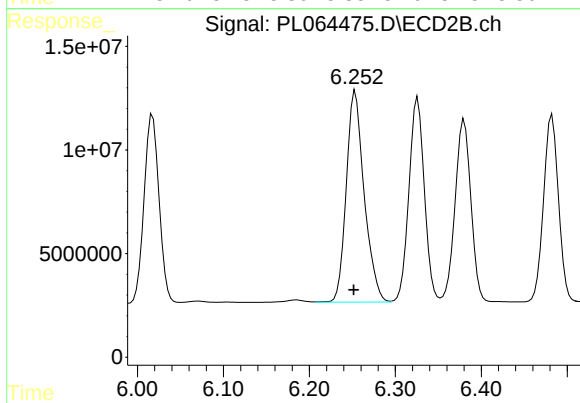
#9 Endosulfan I

R.T.: 6.380 min  
Delta R.T.: 0.001 min  
Response: 112719776  
Conc: 41.13 ng/ml



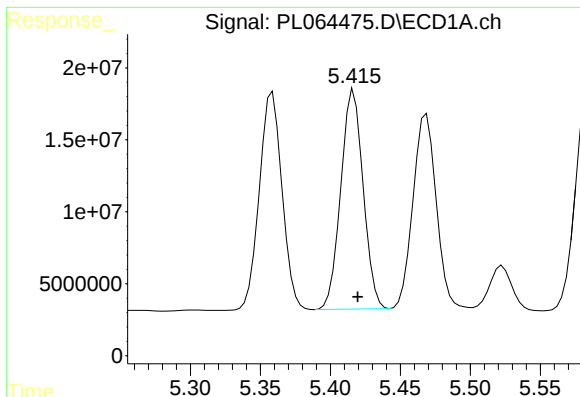
#10 gamma-Chlordane

R.T.: 5.359 min  
Delta R.T.: -0.003 min  
Response: 170917473  
Conc: 44.12 ng/ml



#10 gamma-Chlordane

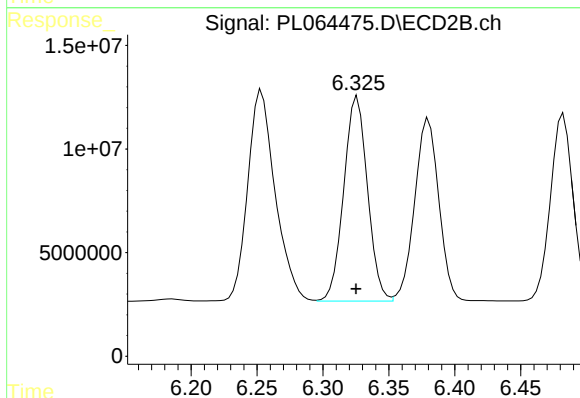
R.T.: 6.253 min  
Delta R.T.: 0.002 min  
Response: 148220395  
Conc: 49.33 ng/ml



#11 alpha-Chlordane

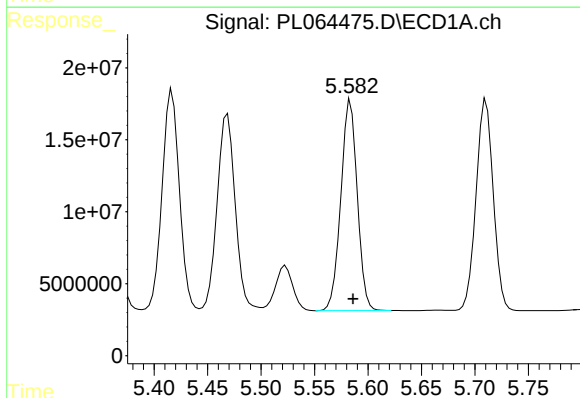
R.T.: 5.417 min  
Delta R.T.: -0.003 min  
Response: 169397779  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



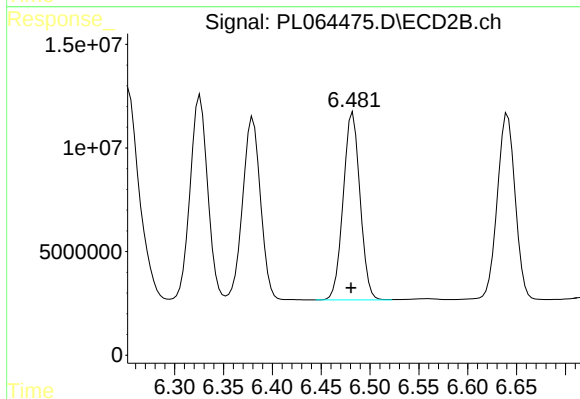
#11 alpha-Chlordane

R.T.: 6.326 min  
Delta R.T.: 0.001 min  
Response: 123758468  
Conc: 40.65 ng/ml



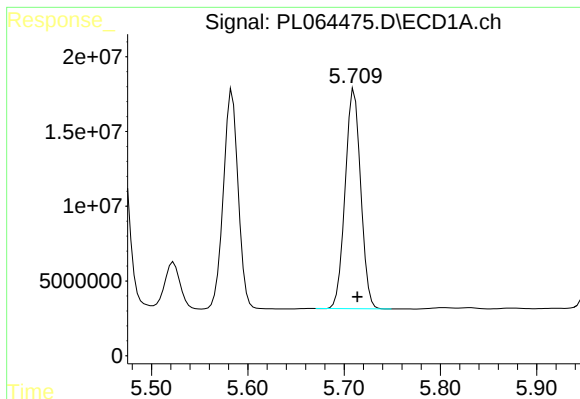
#12 4,4'-DDE

R.T.: 5.584 min  
Delta R.T.: -0.002 min  
Response: 156527036  
Conc: 44.43 ng/ml



#12 4,4'-DDE

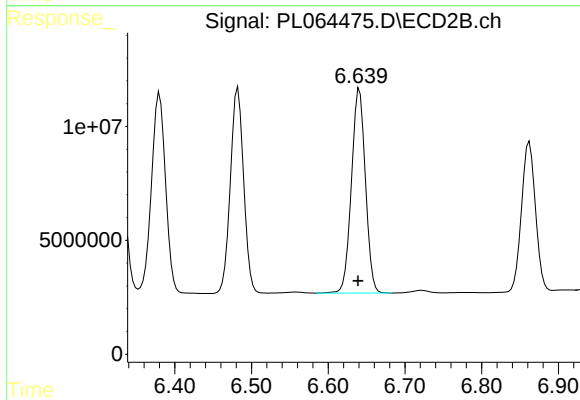
R.T.: 6.482 min  
Delta R.T.: 0.002 min  
Response: 108588055  
Conc: 40.77 ng/ml



#13 Dieldrin

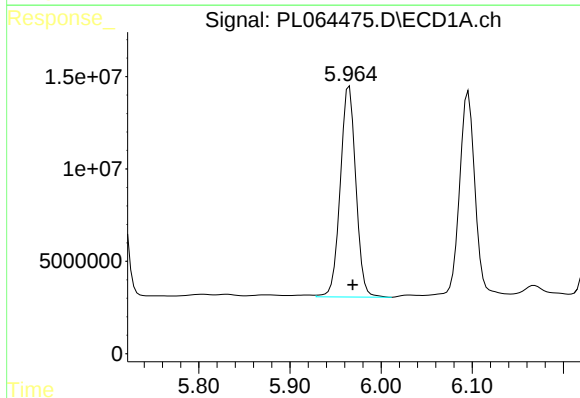
R.T.: 5.710 min  
Delta R.T.: -0.003 min  
Response: 163953104  
Conc: 44.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



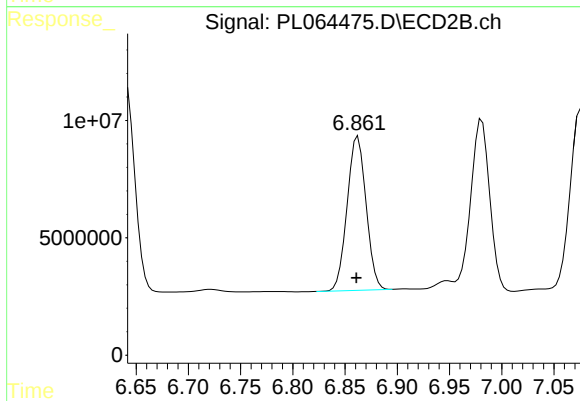
#13 Dieldrin

R.T.: 6.641 min  
Delta R.T.: 0.002 min  
Response: 114581408  
Conc: 40.75 ng/ml



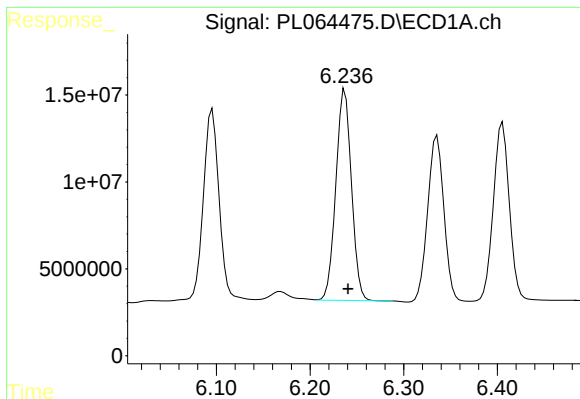
#14 Endrin

R.T.: 5.965 min  
Delta R.T.: -0.004 min  
Response: 135559688  
Conc: 39.04 ng/ml



#14 Endrin

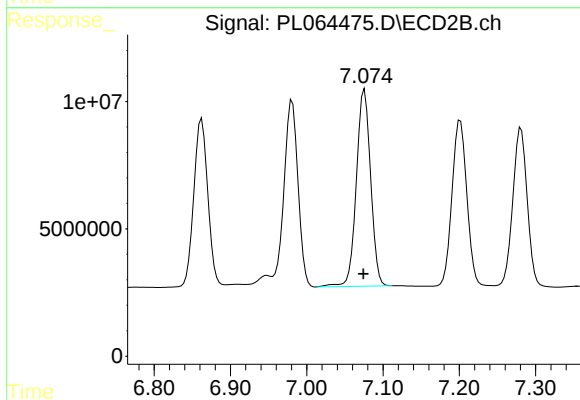
R.T.: 6.862 min  
Delta R.T.: 0.001 min  
Response: 82638207  
Conc: 36.19 ng/ml



#15 Endosulfan II

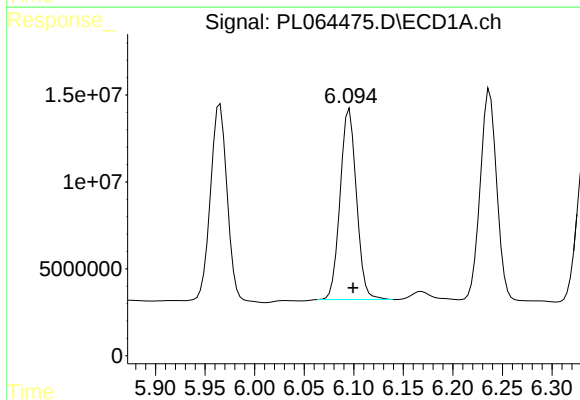
R.T.: 6.237 min  
Delta R.T.: -0.004 min  
Response: 140807141  
Conc: 41.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



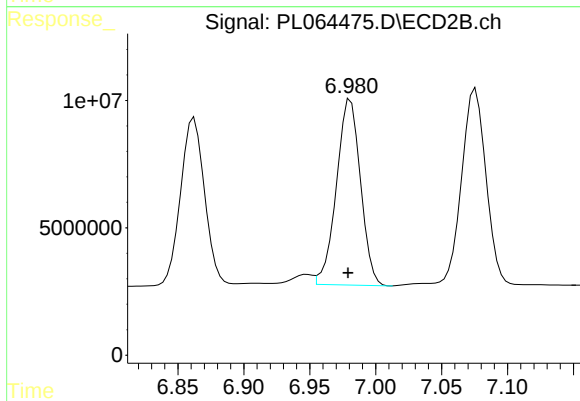
#15 Endosulfan II

R.T.: 7.076 min  
Delta R.T.: 0.001 min  
Response: 100389416  
Conc: 39.74 ng/ml



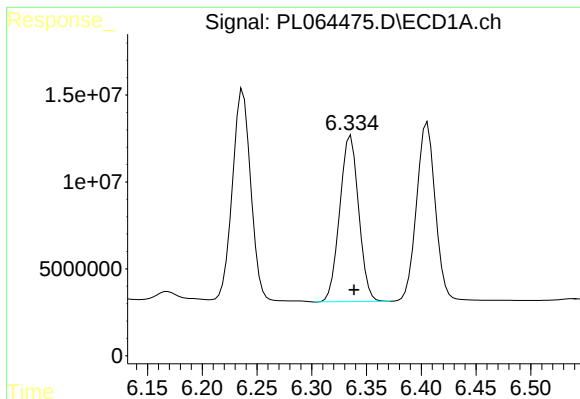
#16 4,4'-DDD

R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 126096412  
Conc: 43.23 ng/ml



#16 4,4'-DDD

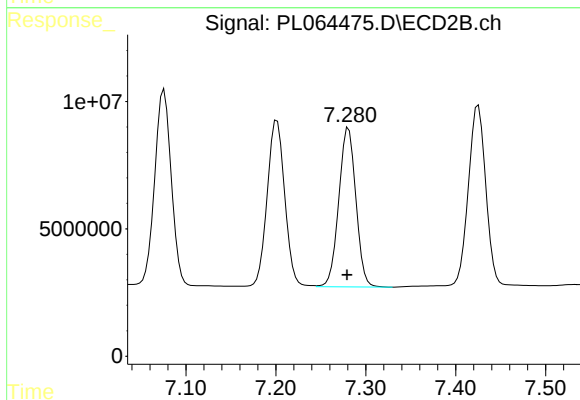
R.T.: 6.981 min  
Delta R.T.: 0.002 min  
Response: 92625174  
Conc: 41.79 ng/ml



#17 4,4'-DDT

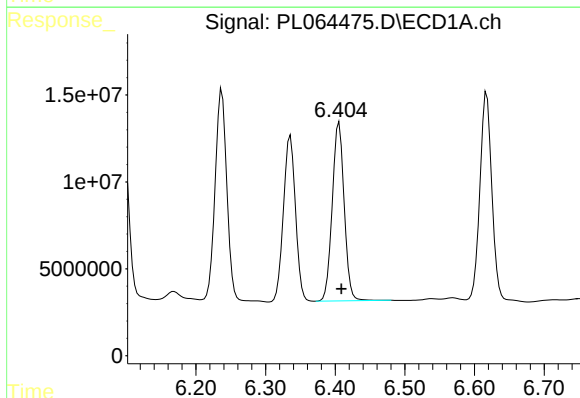
R.T.: 6.336 min  
Delta R.T.: -0.003 min  
Response: 114959627  
Conc: 38.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



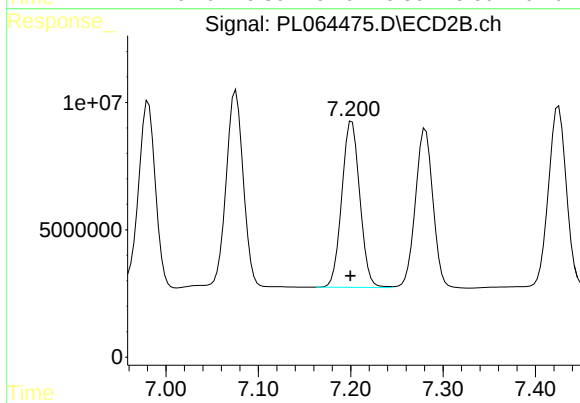
#17 4,4'-DDT

R.T.: 7.281 min  
Delta R.T.: 0.002 min  
Response: 82634381  
Conc: 36.48 ng/ml



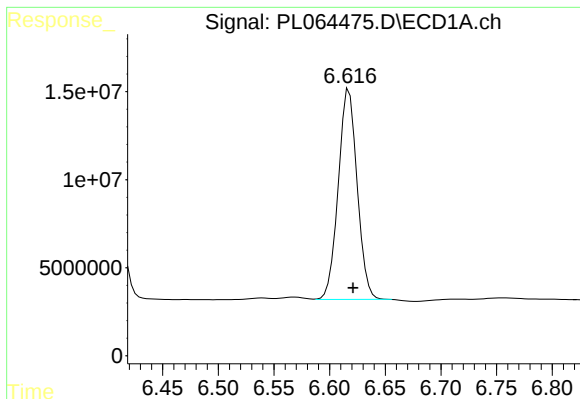
#18 Endrin aldehyde

R.T.: 6.406 min  
Delta R.T.: -0.003 min  
Response: 122775696  
Conc: 42.80 ng/ml



#18 Endrin aldehyde

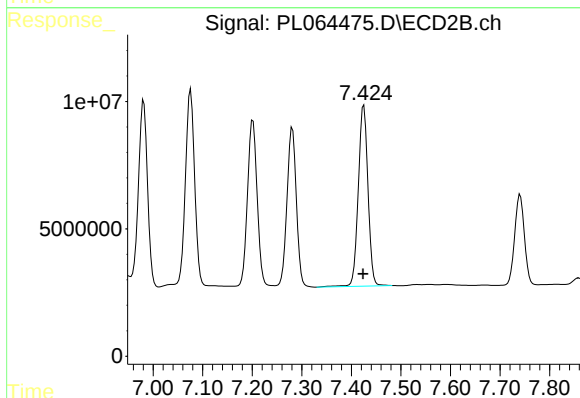
R.T.: 7.201 min  
Delta R.T.: 0.002 min  
Response: 88518487  
Conc: 40.83 ng/ml



#19 Endosulfan Sulfate

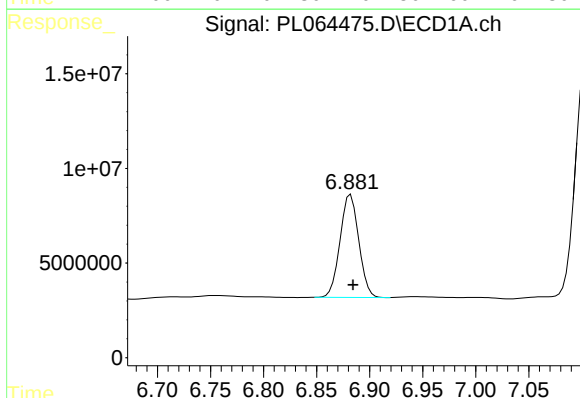
R.T.: 6.618 min  
Delta R.T.: -0.003 min  
Response: 141150789  
Conc: 41.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



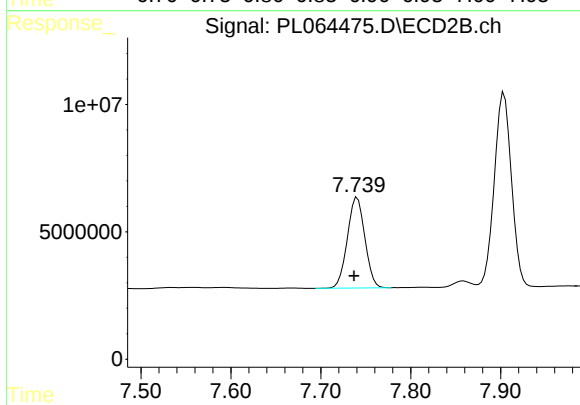
#19 Endosulfan Sulfate

R.T.: 7.425 min  
Delta R.T.: 0.002 min  
Response: 96708425  
Conc: 39.15 ng/ml



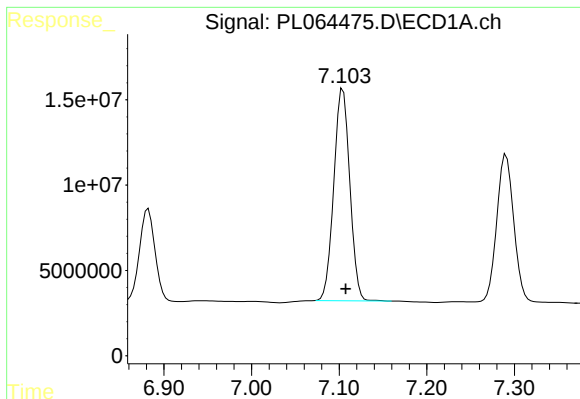
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: -0.002 min  
Response: 66598026  
Conc: 39.85 ng/ml



#20 Methoxychlor

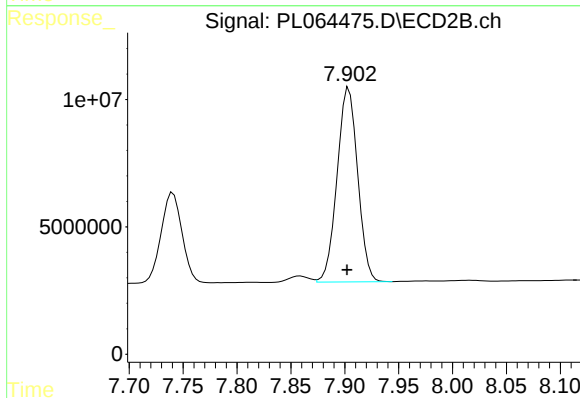
R.T.: 7.741 min  
Delta R.T.: 0.004 min  
Response: 48102987  
Conc: 35.60 ng/ml



#21 Endrin ketone

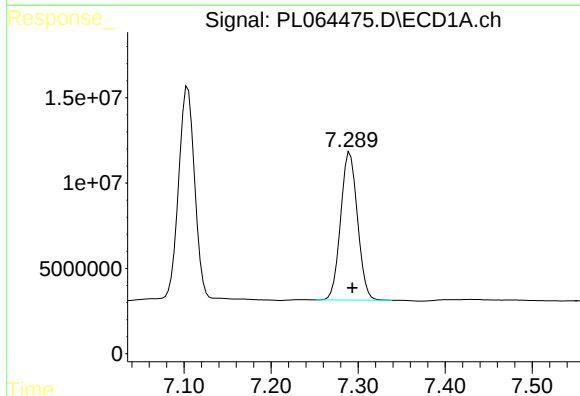
R.T.: 7.104 min  
Delta R.T.: -0.003 min  
Response: 158240887  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



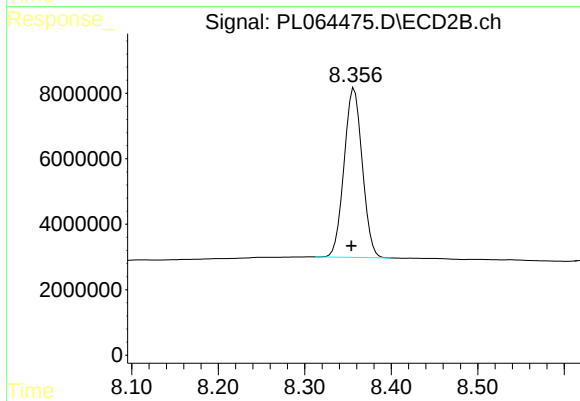
#21 Endrin ketone

R.T.: 7.904 min  
Delta R.T.: 0.001 min  
Response: 101378513  
Conc: 40.65 ng/ml



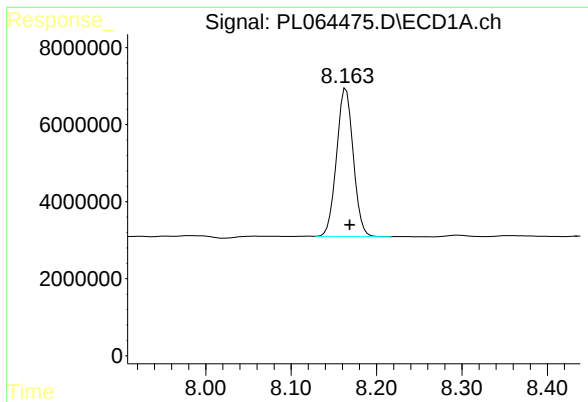
#22 Mirex

R.T.: 7.291 min  
Delta R.T.: -0.003 min  
Response: 116418048  
Conc: 42.79 ng/ml



#22 Mirex

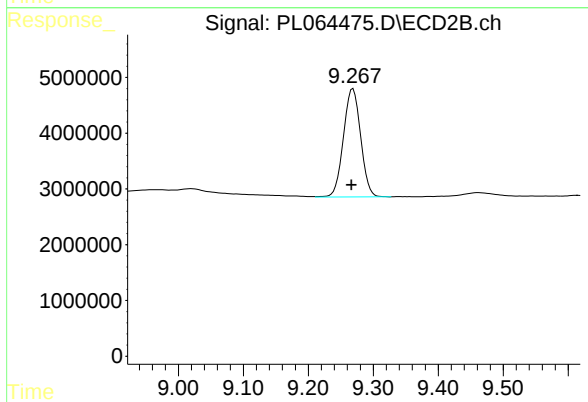
R.T.: 8.357 min  
Delta R.T.: 0.003 min  
Response: 75151983  
Conc: 37.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min  
Delta R.T.: -0.005 min  
Response: 52090719  
Conc: 17.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
L229R-WO(S)-1-14-1MSD



#28 Decachlorobiphenyl

R.T.: 9.269 min  
Delta R.T.: 0.003 min  
Response: 35831636  
Conc: 15.10 ng/ml