

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042120\  
 Data File : PL058270.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2020 23:54  
 Operator : AJ\MA  
 Sample : L2123-14MS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TR-05-042020MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 01:06:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 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... | 3.456 | 3.955 | 229.4E6  | 48952364 | 22.755 | 22.557 |
| 28)                         | SA Decachlor... | 8.204 | 8.977 | 232.9E6  | 47621383 | 22.594 | 21.319 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.893 | 4.343 | 1046.8E6 | 201.7E6  | 60.257 | 61.421 |
| 3)                          | MA gamma-BHC... | 4.176 | 4.625 | 968.4E6  | 196.7E6  | 66.626 | 60.561 |
| 4)                          | MA Heptachlor   | 4.477 | 5.127 | 963.0E6  | 198.0E6  | 60.074 | 58.986 |
| 5)                          | MB Aldrin       | 4.724 | 5.428 | 950.8E6  | 200.5E6  | 64.573 | 61.927 |
| 6)                          | B beta-BHC      | 4.429 | 4.799 | 414.7E6  | 91767591 | 65.674 | 66.087 |
| 7)                          | B delta-BHC     | 4.632 | 5.012 | 942.6E6  | 189.3E6  | 62.109 | 74.666 |
| 8)                          | B Heptachlo...  | 5.167 | 5.813 | 853.9E6  | 192.3E6  | 63.534 | 71.218 |
| 9)                          | A Endosulfan I  | 5.506 | 6.167 | 795.8E6  | 180.2E6  | 64.930 | 60.431 |
| 10)                         | B gamma-Chl...  | 5.394 | 6.047 | 866.1E6  | 197.1E6  | 63.775 | 60.850 |
| 11)                         | B alpha-Chl...  | 5.452 | 6.118 | 827.9E6  | 193.6E6  | 62.178 | 59.171 |
| 12)                         | B 4,4'-DDE      | 5.616 | 6.277 | 848.8E6  | 182.3E6  | 64.797 | 61.575 |
| 13)                         | MA Dieldrin     | 5.748 | 6.423 | 855.5E6  | 186.5E6  | 65.759 | 61.045 |
| 14)                         | MA Endrin       | 6.006 | 6.640 | 746.8E6  | 152.2E6  | 63.979 | 60.925 |
| 15)                         | B Endosulfa...  | 6.279 | 6.850 | 671.1E6  | 145.2E6  | 60.663 | 55.982 |
| 16)                         | A 4,4'-DDD      | 6.132 | 6.766 | 638.4E6  | 136.2E6  | 63.875 | 59.693 |
| 17)                         | MA 4,4'-DDT     | 6.371 | 7.062 | 631.1E6  | 128.8E6  | 62.179 | 57.843 |
| 18)                         | B Endrin al...  | 6.447 | 6.974 | 563.5E6  | 125.2E6  | 60.267 | 56.344 |
| 19)                         | B Endosulfa...  | 6.661 | 7.196 | 656.1E6  | 139.7E6  | 64.583 | 58.862 |
| 20)                         | A Methoxychlor  | 6.917 | 7.522 | 311.6E6  | 70537391 | 56.531 | 55.453 |
| 21)                         | B Endrin ke...  | 7.151 | 7.664 | 695.0E6  | 147.3E6  | 62.429 | 59.607 |
| 22)                         | Mirex           | 7.337 | 8.114 | 486.3E6  | 108.1E6  | 59.326 | 58.788 |
| -----                       |                 |       |       |          |          |        |        |

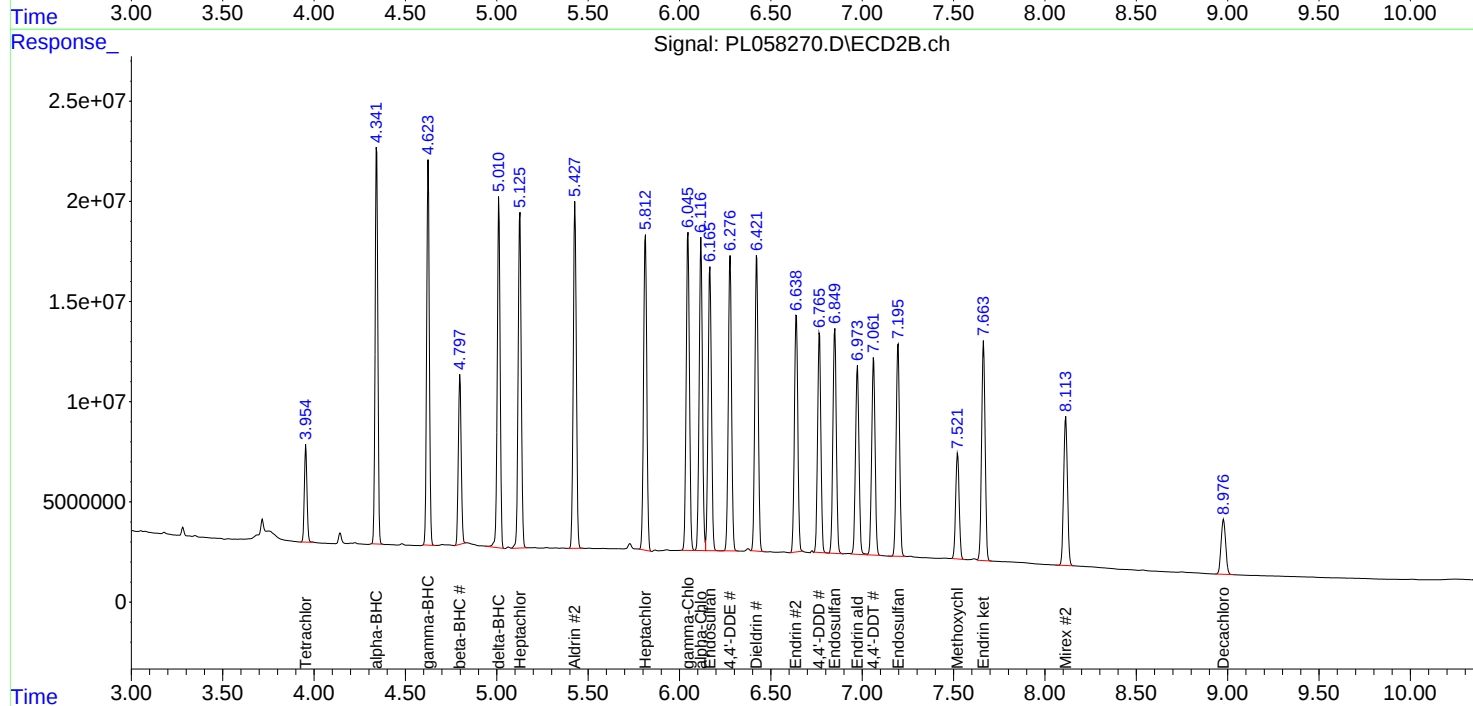
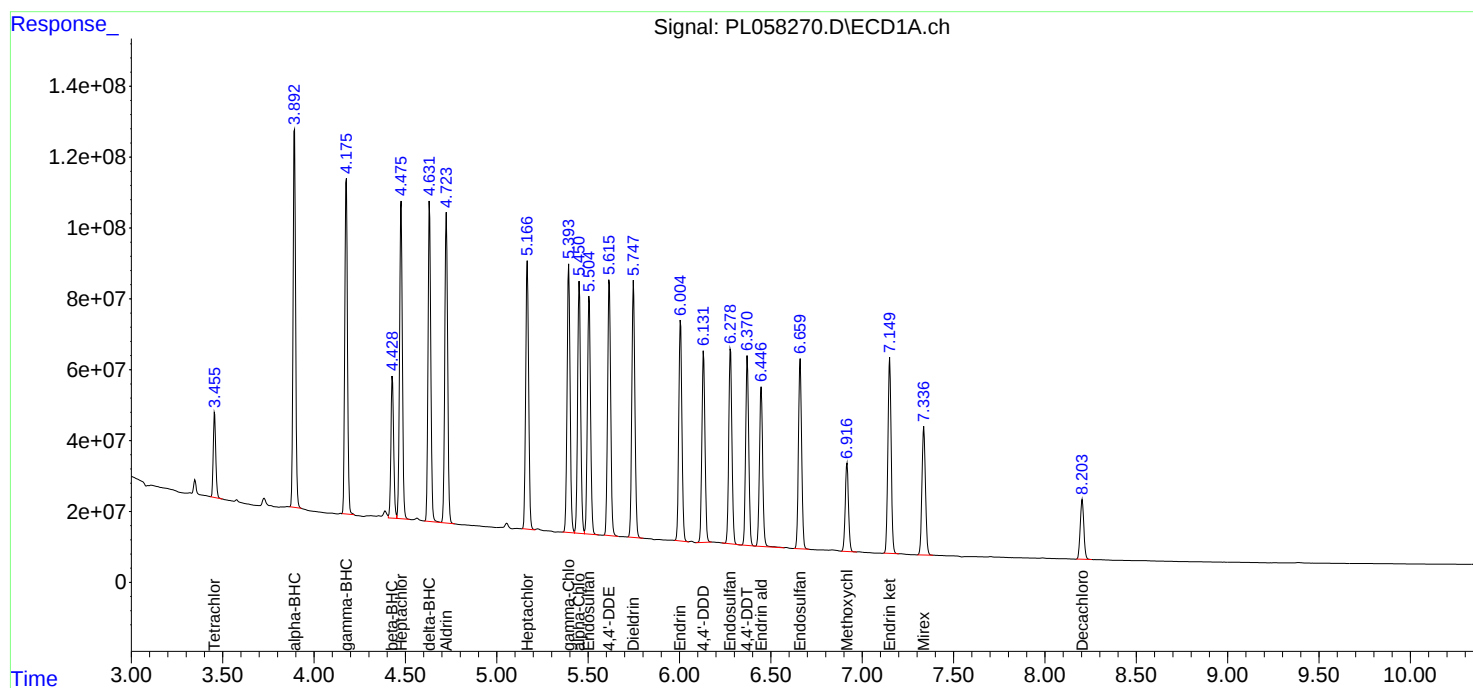
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

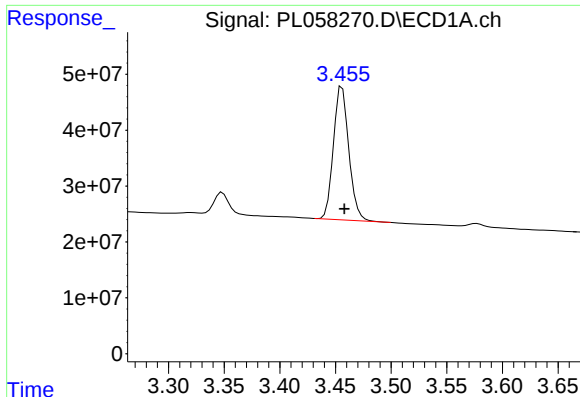
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042120\  
Data File : PL058270.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2020 23:54  
Operator : AJ\MA  
Sample : L2123-14MS  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 01:06:36 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 2020  
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

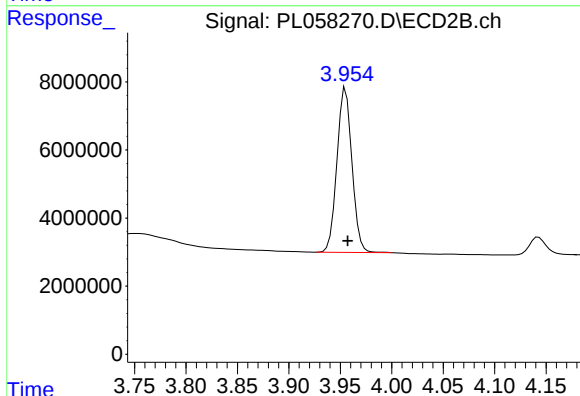




#1 Tetrachloro-m-xylene

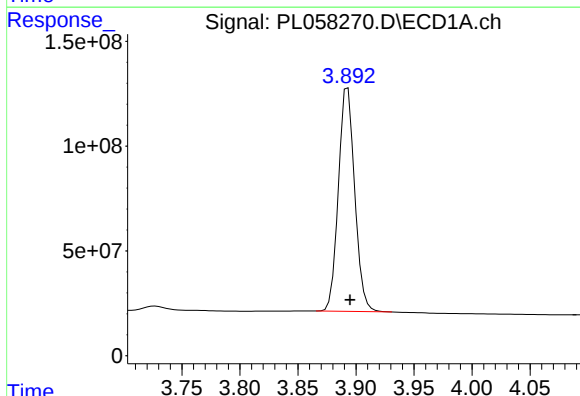
R.T.: 3.456 min  
Delta R.T.: -0.002 min  
Response: 229392698  
Conc: 22.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



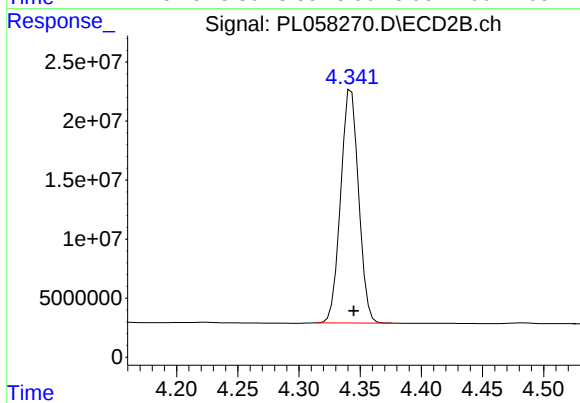
#1 Tetrachloro-m-xylene

R.T.: 3.955 min  
Delta R.T.: -0.002 min  
Response: 48952364  
Conc: 22.56 ng/ml



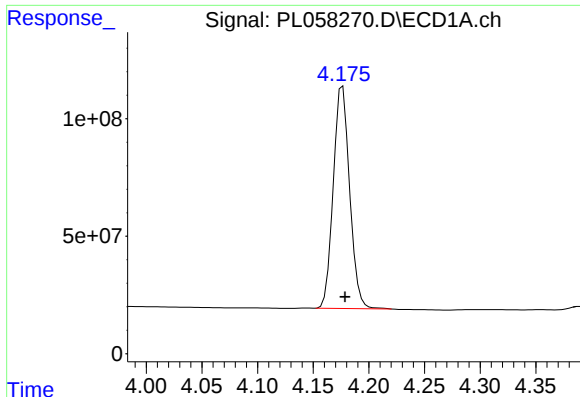
#2 alpha-BHC

R.T.: 3.893 min  
Delta R.T.: -0.002 min  
Response: 1046774075  
Conc: 60.26 ng/ml



#2 alpha-BHC

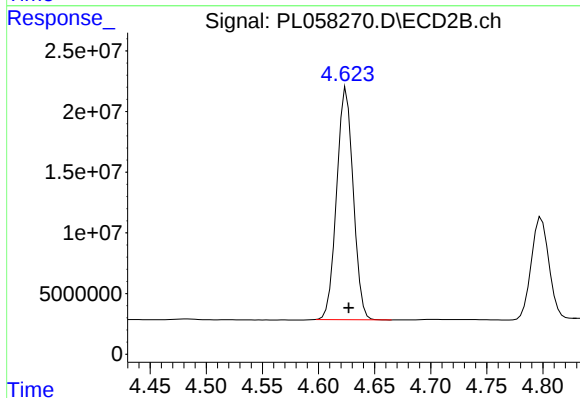
R.T.: 4.343 min  
Delta R.T.: -0.002 min  
Response: 201686679  
Conc: 61.42 ng/ml



#3 gamma-BHC (Lindane)

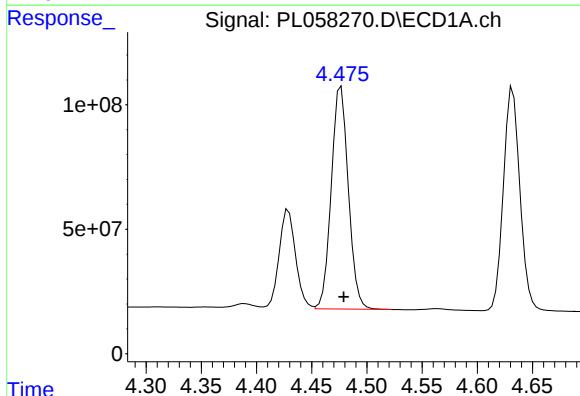
R.T.: 4.176 min  
Delta R.T.: -0.002 min  
Response: 968421119  
Conc: 66.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



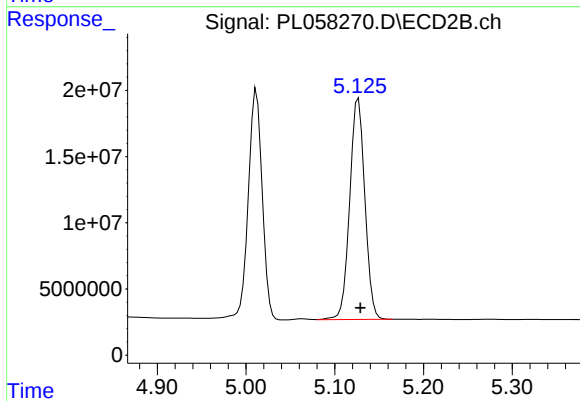
#3 gamma-BHC (Lindane)

R.T.: 4.625 min  
Delta R.T.: -0.002 min  
Response: 196737991  
Conc: 60.56 ng/ml



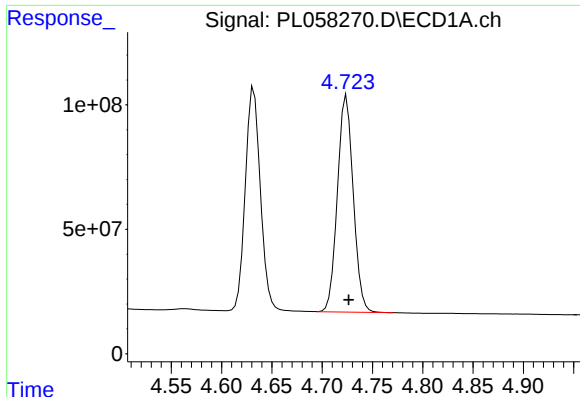
#4 Heptachlor

R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 963012800  
Conc: 60.07 ng/ml



#4 Heptachlor

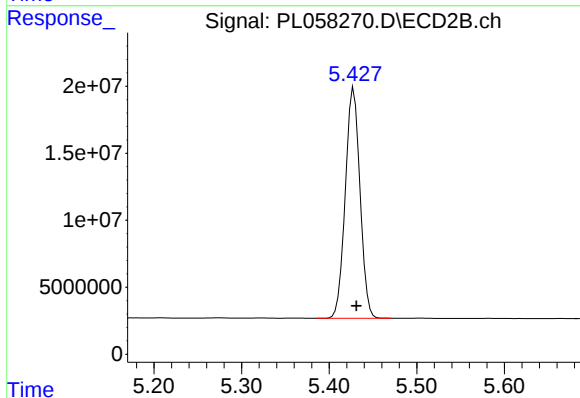
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 197965961  
Conc: 58.99 ng/ml



#5 Aldrin

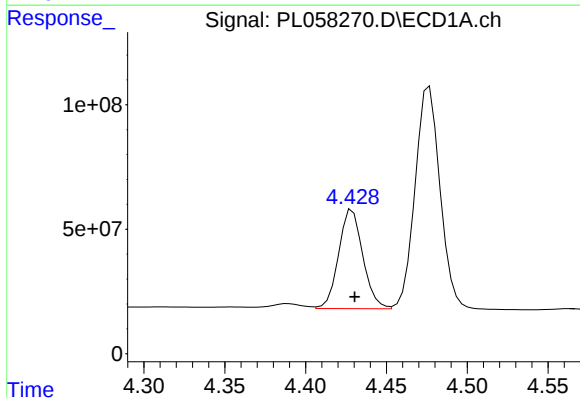
R.T.: 4.724 min  
Delta R.T.: -0.002 min  
Response: 950841371  
Conc: 64.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



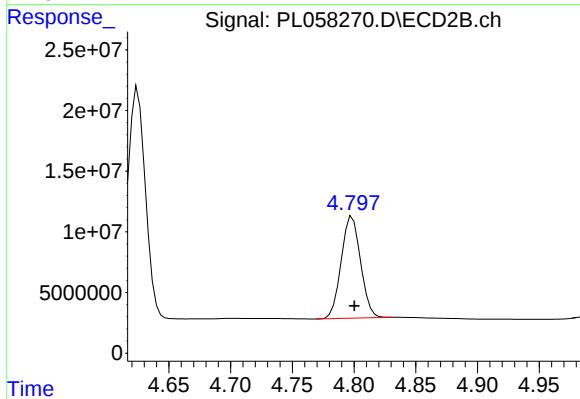
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.003 min  
Response: 200529672  
Conc: 61.93 ng/ml



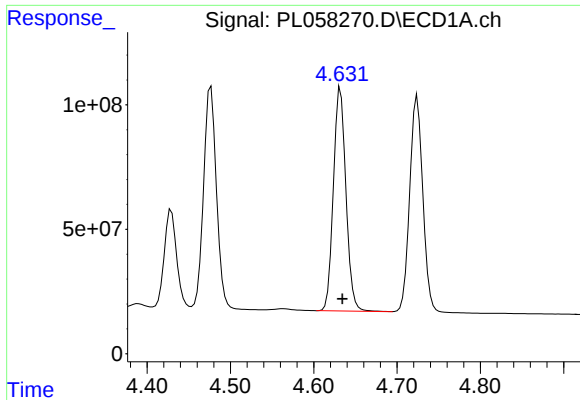
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: -0.001 min  
Response: 414748092  
Conc: 65.67 ng/ml



#6 beta-BHC

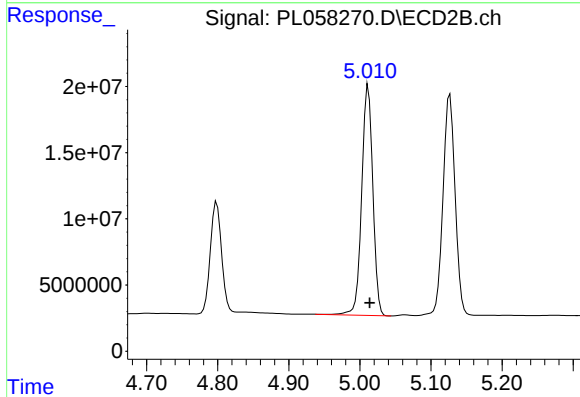
R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 91767591  
Conc: 66.09 ng/ml



#7 delta-BHC

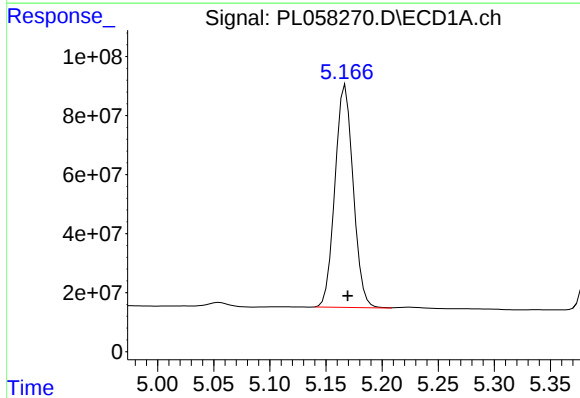
R.T.: 4.632 min  
Delta R.T.: -0.002 min  
Response: 942571668  
Conc: 62.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



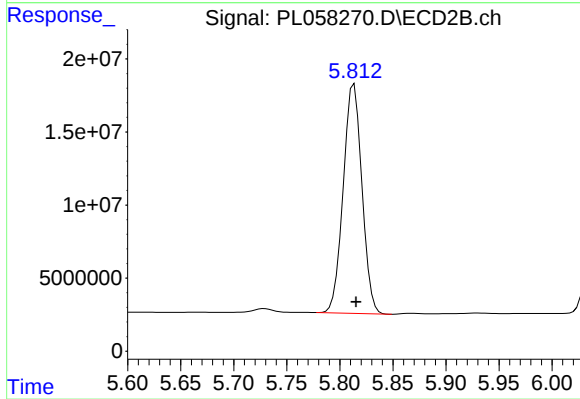
#7 delta-BHC

R.T.: 5.012 min  
Delta R.T.: -0.002 min  
Response: 189281906  
Conc: 74.67 ng/ml



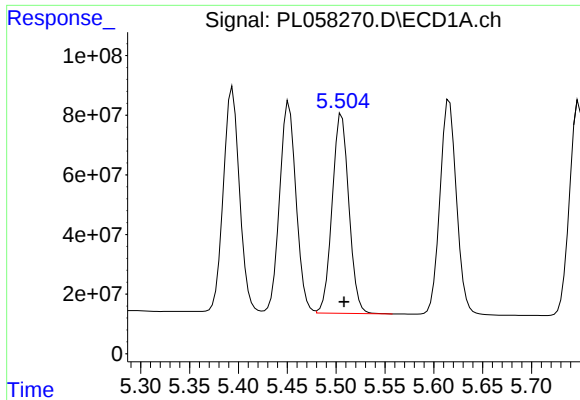
#8 Heptachlor epoxide

R.T.: 5.167 min  
Delta R.T.: -0.002 min  
Response: 853888471  
Conc: 63.53 ng/ml



#8 Heptachlor epoxide

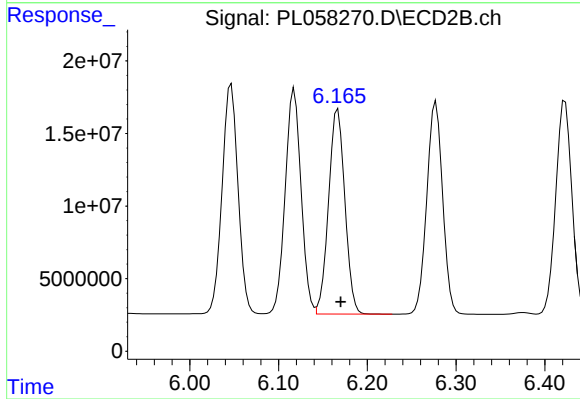
R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 192311525  
Conc: 71.22 ng/ml



#9 Endosulfan I

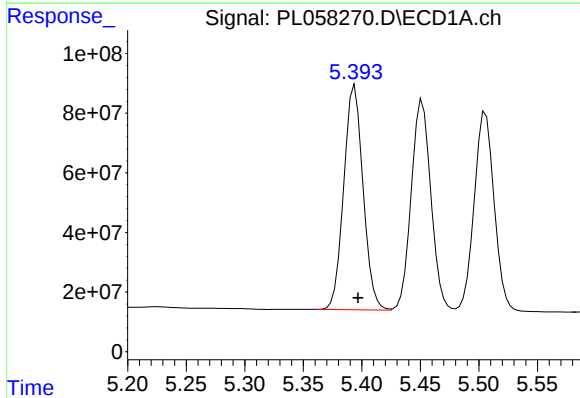
R.T.: 5.506 min  
Delta R.T.: -0.003 min  
Response: 795826358  
Conc: 64.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



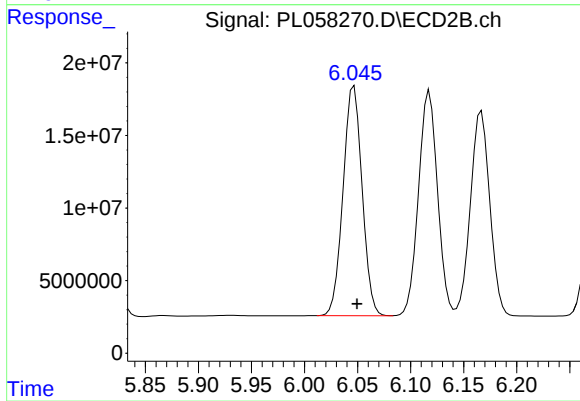
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 180189734  
Conc: 60.43 ng/ml



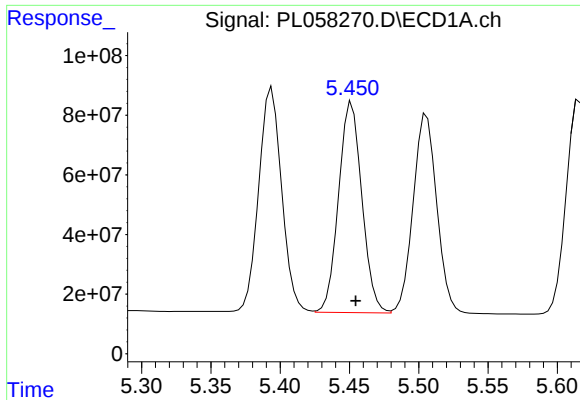
#10 gamma-Chlordane

R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 866143021  
Conc: 63.77 ng/ml



#10 gamma-Chlordane

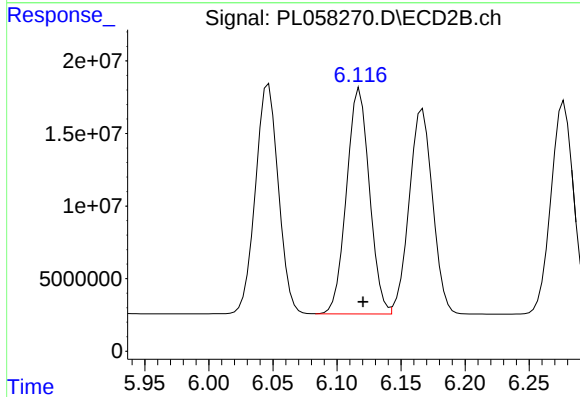
R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 197147065  
Conc: 60.85 ng/ml



#11 alpha-Chlordane

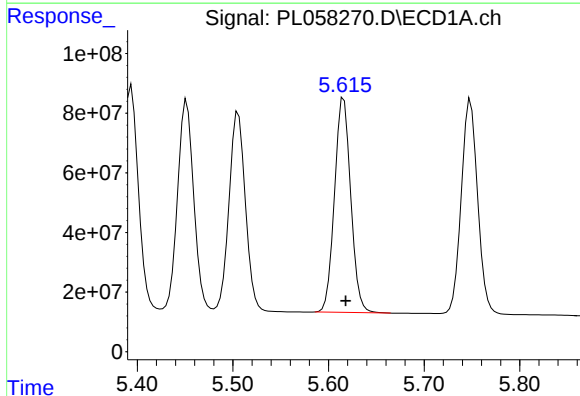
R.T.: 5.452 min  
Delta R.T.: -0.003 min  
Response: 827943850  
Conc: 62.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



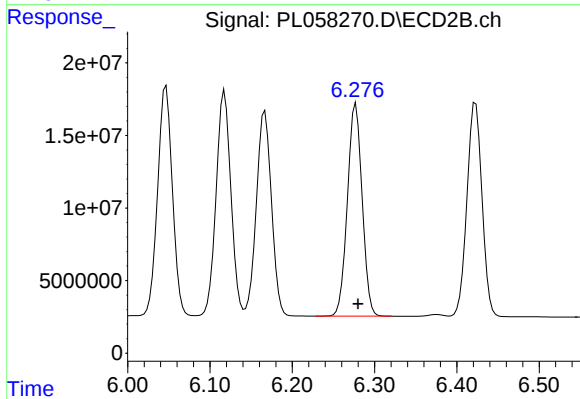
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 193626589  
Conc: 59.17 ng/ml



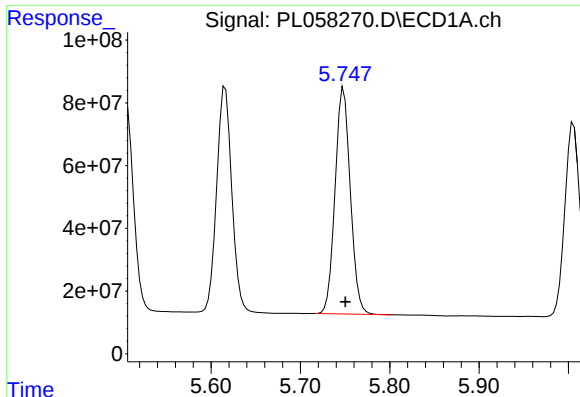
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 848841779  
Conc: 64.80 ng/ml



#12 4,4'-DDE

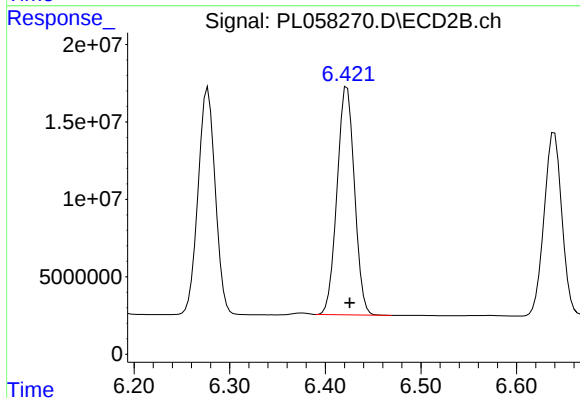
R.T.: 6.277 min  
Delta R.T.: -0.003 min  
Response: 182303584  
Conc: 61.58 ng/ml



#13 Dieldrin

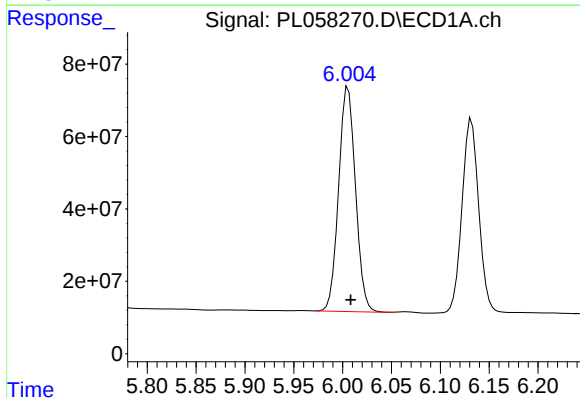
R.T.: 5.748 min  
Delta R.T.: -0.002 min  
Response: 855458787  
Conc: 65.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



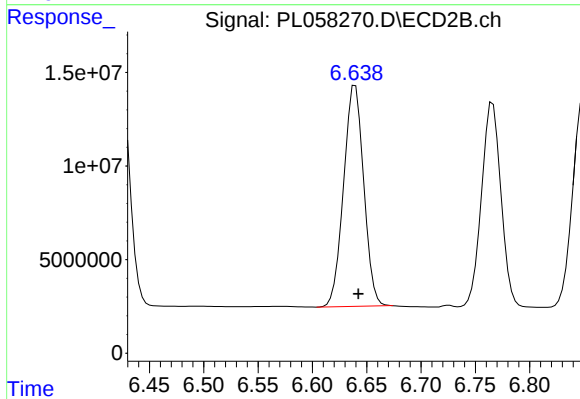
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: -0.003 min  
Response: 186532568  
Conc: 61.05 ng/ml



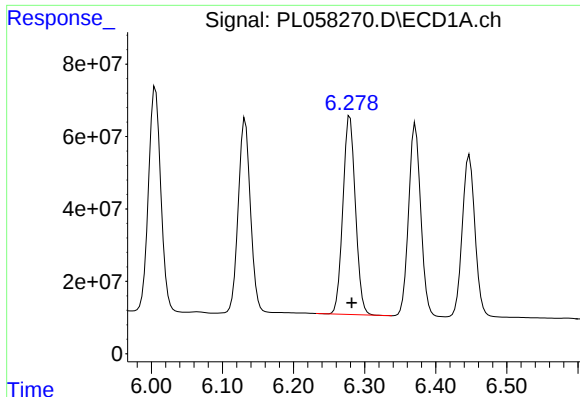
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.003 min  
Response: 746814595  
Conc: 63.98 ng/ml



#14 Endrin

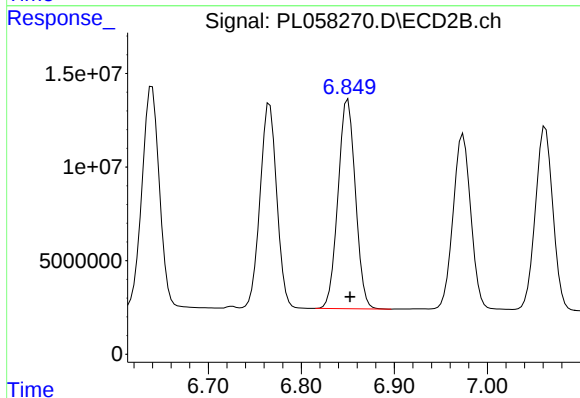
R.T.: 6.640 min  
Delta R.T.: -0.003 min  
Response: 152222820  
Conc: 60.92 ng/ml



#15 Endosulfan II

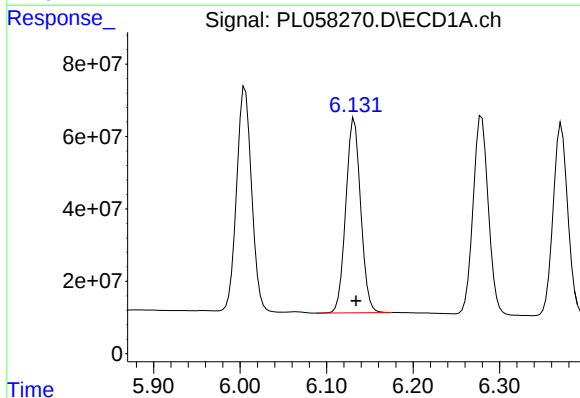
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 671061455  
Conc: 60.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



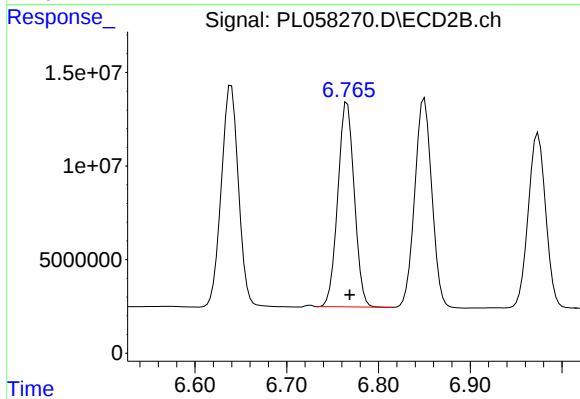
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.002 min  
Response: 145196545  
Conc: 55.98 ng/ml



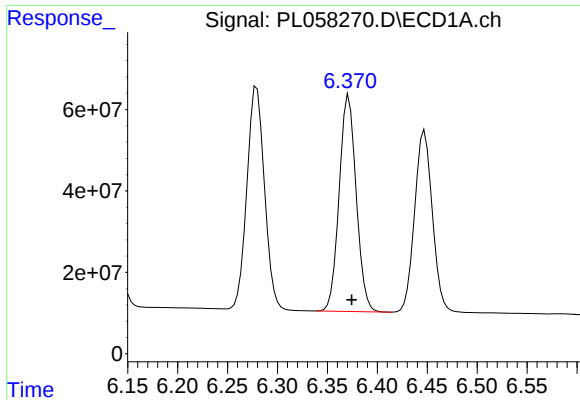
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 638401299  
Conc: 63.88 ng/ml



#16 4,4'-DDD

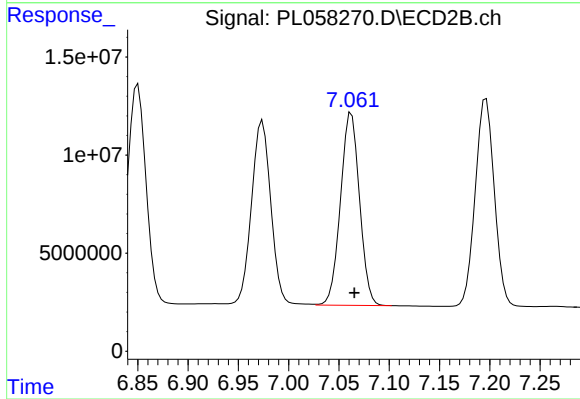
R.T.: 6.766 min  
Delta R.T.: -0.003 min  
Response: 136230024  
Conc: 59.69 ng/ml



#17 4,4'-DDT

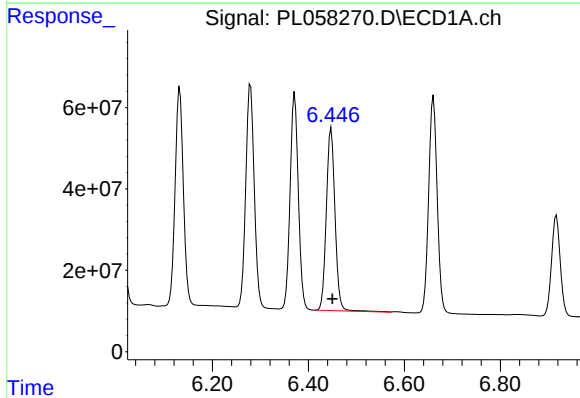
R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 631083453  
Conc: 62.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



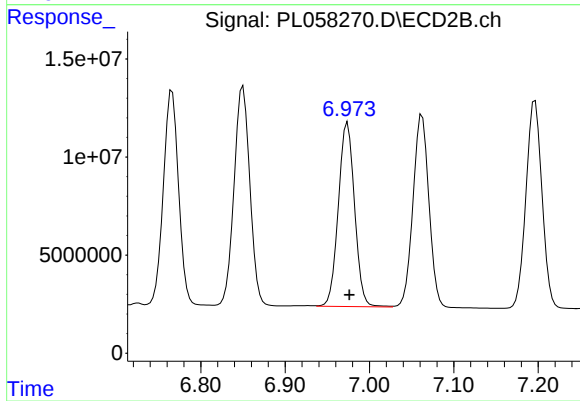
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: -0.003 min  
Response: 128837974  
Conc: 57.84 ng/ml



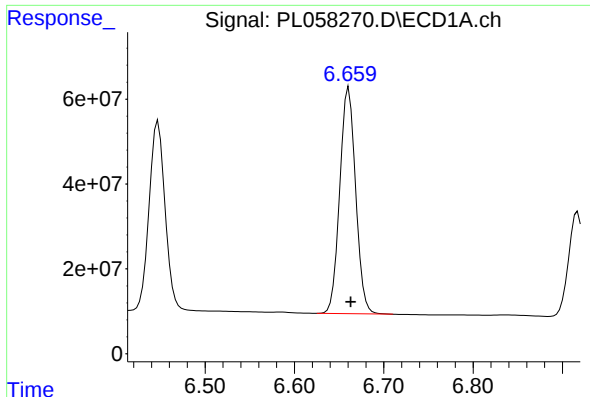
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 563472566  
Conc: 60.27 ng/ml



#18 Endrin aldehyde

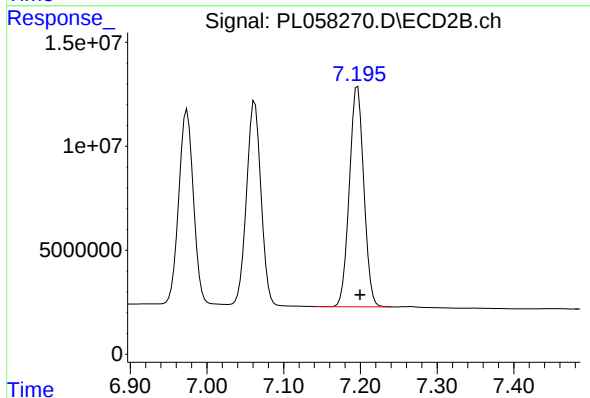
R.T.: 6.974 min  
Delta R.T.: -0.002 min  
Response: 125175294  
Conc: 56.34 ng/ml



#19 Endosulfan Sulfate

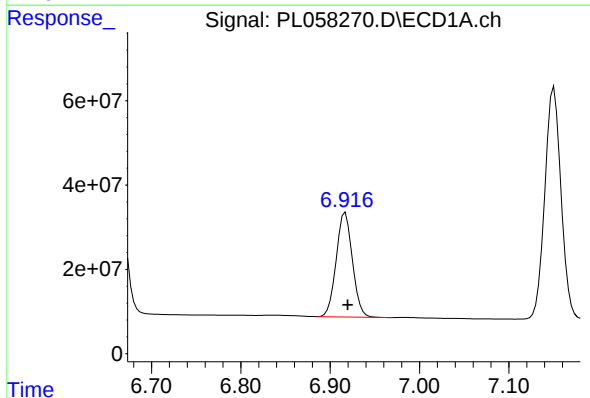
R.T.: 6.661 min  
Delta R.T.: -0.002 min  
Response: 656140996  
Conc: 64.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



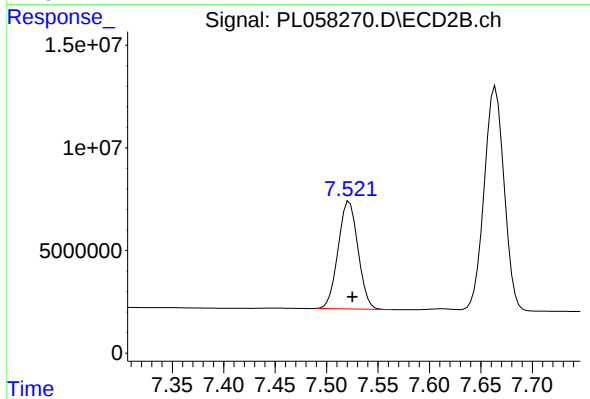
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.003 min  
Response: 139681493  
Conc: 58.86 ng/ml



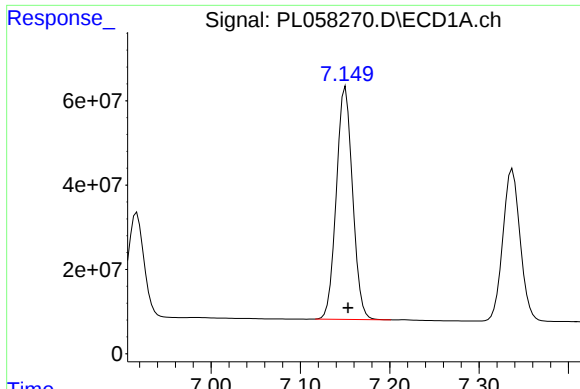
#20 Methoxychlor

R.T.: 6.917 min  
Delta R.T.: -0.003 min  
Response: 311633315  
Conc: 56.53 ng/ml



#20 Methoxychlor

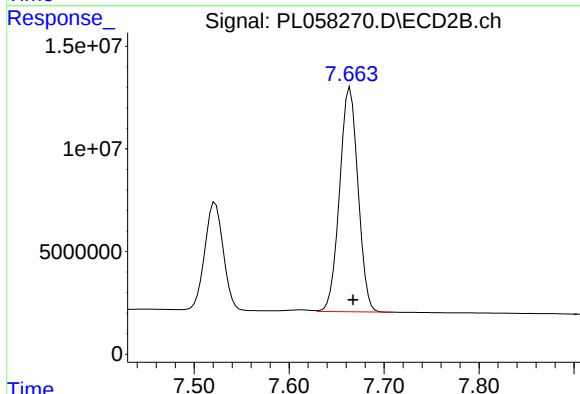
R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 70537391  
Conc: 55.45 ng/ml



#21 Endrin ketone

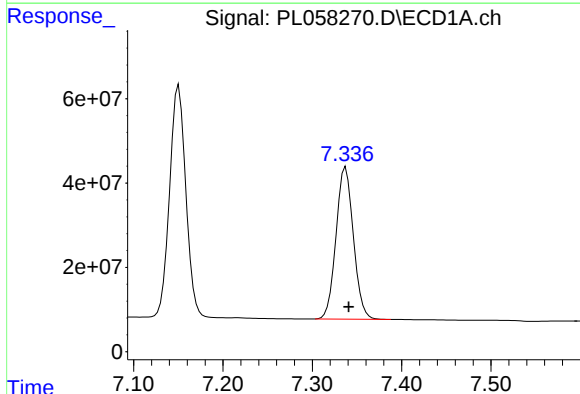
R.T.: 7.151 min  
Delta R.T.: -0.003 min  
Response: 695011210  
Conc: 62.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



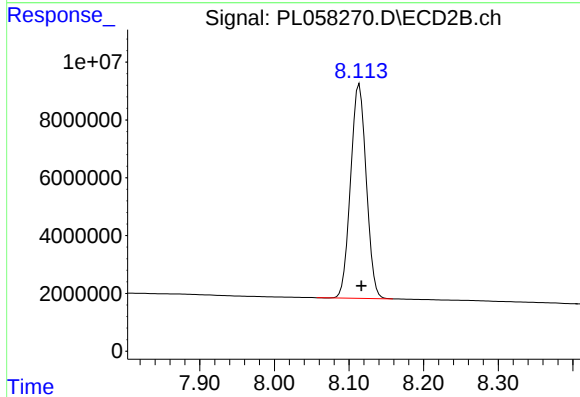
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.003 min  
Response: 147349401  
Conc: 59.61 ng/ml



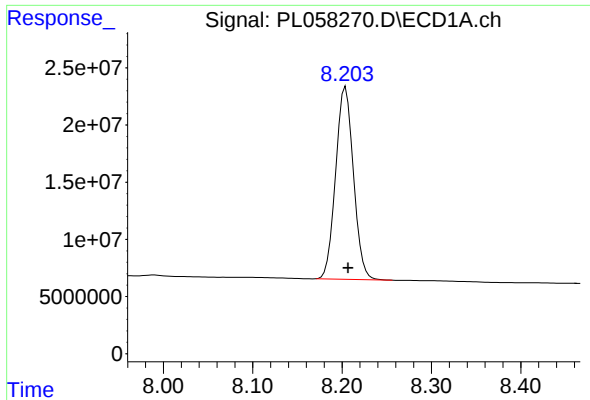
#22 Mirex

R.T.: 7.337 min  
Delta R.T.: -0.003 min  
Response: 486303623  
Conc: 59.33 ng/ml



#22 Mirex

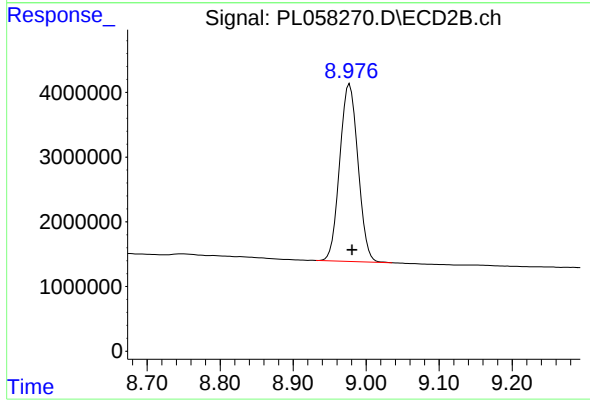
R.T.: 8.114 min  
Delta R.T.: -0.003 min  
Response: 108087964  
Conc: 58.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 232913946  
Conc: 22.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020MS



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.003 min  
Response: 47621383  
Conc: 21.32 ng/ml