

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052020\  
 Data File : PL058812.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2020 12:54  
 Operator : AJ\MA  
 Sample : PB128988BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB128988BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 17:25:49 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 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... | 3.530 | 4.076 | 35678891 | 54614571 | 19.458 | 20.165 |
| 2)                          | SA Decachlor... | 8.312 | 9.187 | 36138797 | 58117388 | 21.389 | 22.046 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.972 | 4.469 | 129.0E6  | 203.2E6  | 47.457 | 50.638 |
| 3)                          | MA gamma-BHC... | 4.258 | 4.756 | 112.4E6  | 187.4E6  | 47.629 | 49.451 |
| 4)                          | MA Heptachlor   | 4.566 | 5.270 | 109.4E6  | 195.3E6  | 48.636 | 50.974 |
| 5)                          | MB Aldrin       | 4.817 | 5.579 | 94705282 | 175.5E6  | 48.918 | 51.443 |
| 6)                          | B beta-BHC      | 4.508 | 4.924 | 50596256 | 87920446 | 49.230 | 50.528 |
| 7)                          | B delta-BHC     | 4.715 | 5.144 | 101.1E6  | 177.5E6  | 47.174 | 48.671 |
| 8)                          | B Heptachlo...  | 5.261 | 5.966 | 90782064 | 167.4E6  | 49.187 | 50.767 |
| 9)                          | A Endosulfan I  | 5.603 | 6.325 | 85246353 | 152.6E6  | 50.219 | 51.924 |
| 10)                         | B gamma-Chl...  | 5.490 | 6.200 | 90858120 | 168.8E6  | 49.558 | 50.974 |
| 11)                         | B alpha-Chl...  | 5.549 | 6.274 | 89051630 | 165.3E6  | 48.668 | 50.877 |
| 12)                         | B 4,4'-DDE      | 5.713 | 6.428 | 83010611 | 152.3E6  | 50.552 | 53.381 |
| 13)                         | MA Dieldrin     | 5.847 | 6.583 | 89659904 | 159.0E6  | 51.079 | 52.493 |
| 14)                         | MA Endrin       | 6.105 | 6.802 | 78421204 | 128.0E6  | 50.036 | 51.279 |
| 15)                         | B Endosulfa...  | 6.378 | 7.009 | 80627458 | 136.2E6  | 48.394 | 48.605 |
| 16)                         | A 4,4'-DDD      | 6.230 | 6.919 | 71360027 | 124.9E6  | 50.412 | 52.348 |
| 17)                         | MA 4,4'-DDT     | 6.472 | 7.219 | 73394955 | 122.6E6  | 50.457 | 51.562 |
| 18)                         | B Endrin al...  | 6.546 | 7.133 | 70143786 | 120.5E6  | 49.704 | 51.077 |
| 19)                         | B Endosulfa...  | 6.758 | 7.356 | 83639496 | 137.9E6  | 51.266 | 52.465 |
| 20)                         | A Methoxychlor  | 7.019 | 7.676 | 42712981 | 70903773 | 50.072 | 50.839 |
| 21)                         | B Endrin ke...  | 7.251 | 7.830 | 97699291 | 147.7E6  | 52.978 | 53.320 |
| 22)                         | Mirex           | 7.446 | 8.287 | 76717802 | 111.5E6  | 49.602 | 50.892 |
| -----                       |                 |       |       |          |          |        |        |

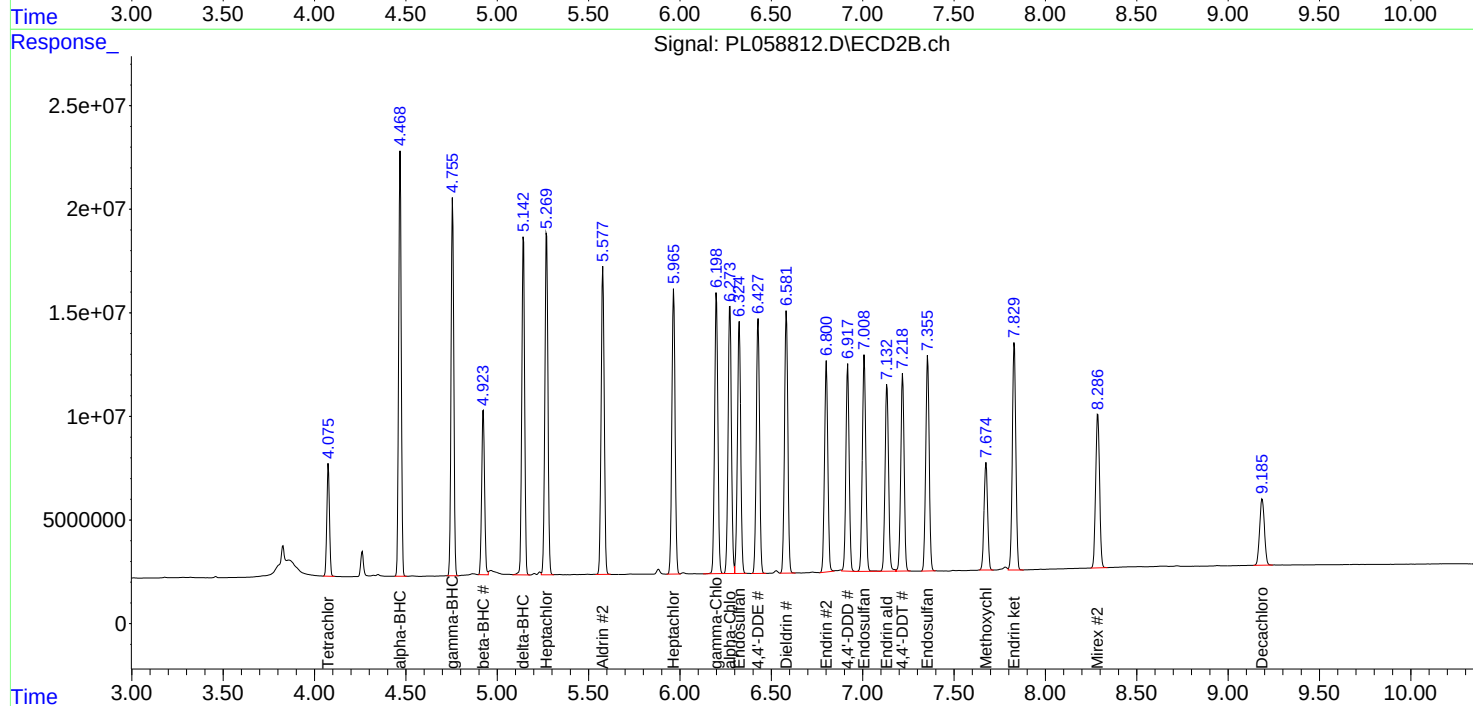
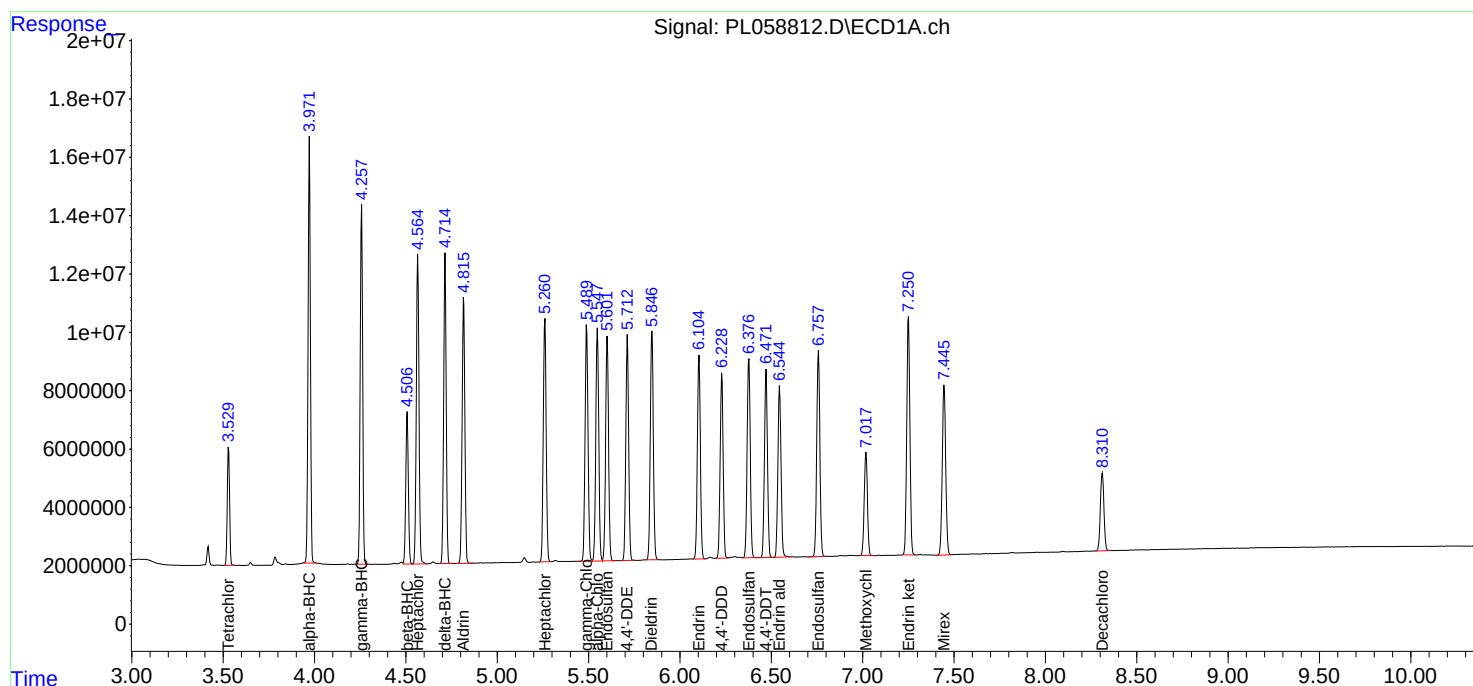
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

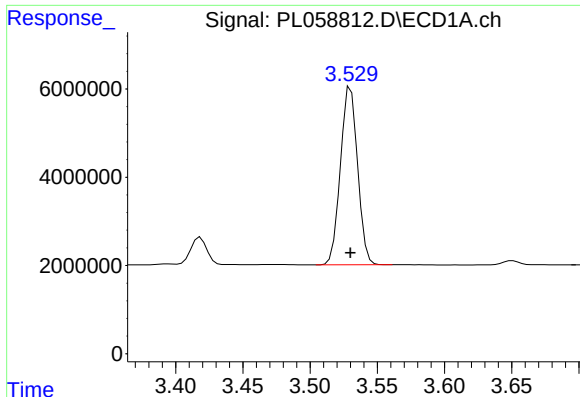
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052020\  
Data File : PL058812.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 May 2020 12:54  
Operator : AJ\MA  
Sample : PB128988BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 17:25:49 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
Quant Title : GC Extractables  
QLast Update : Wed May 20 11:27:53 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

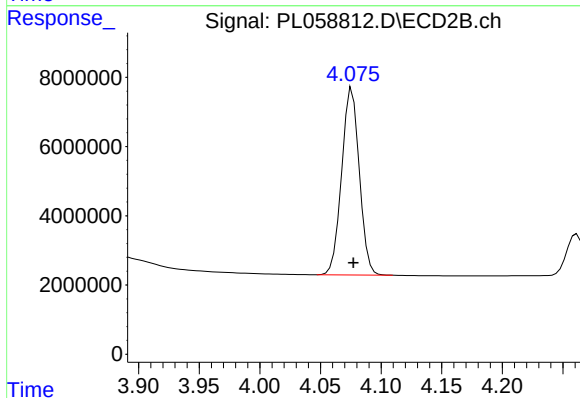




#1 Tetrachloro-m-xylene

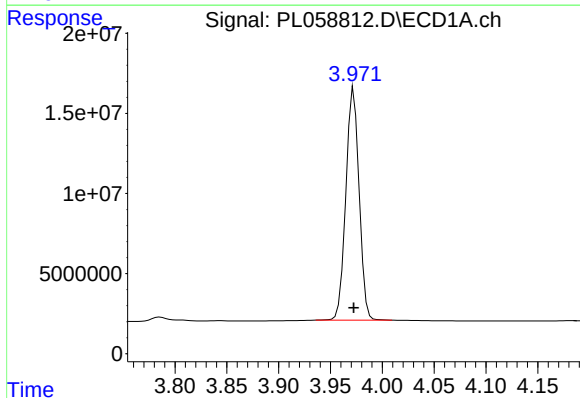
R.T.: 3.530 min  
Delta R.T.: 0.000 min  
Response: 35678891  
Conc: 19.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



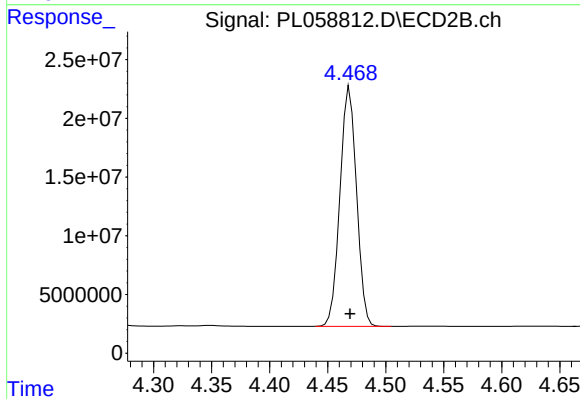
#1 Tetrachloro-m-xylene

R.T.: 4.076 min  
Delta R.T.: -0.001 min  
Response: 54614571  
Conc: 20.16 ng/ml



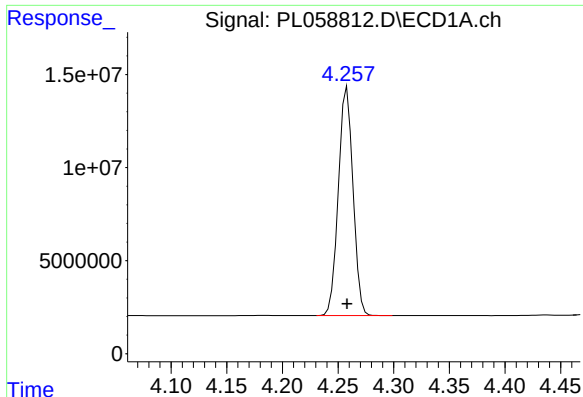
#2 alpha-BHC

R.T.: 3.972 min  
Delta R.T.: 0.000 min  
Response: 129028195  
Conc: 47.46 ng/ml



#2 alpha-BHC

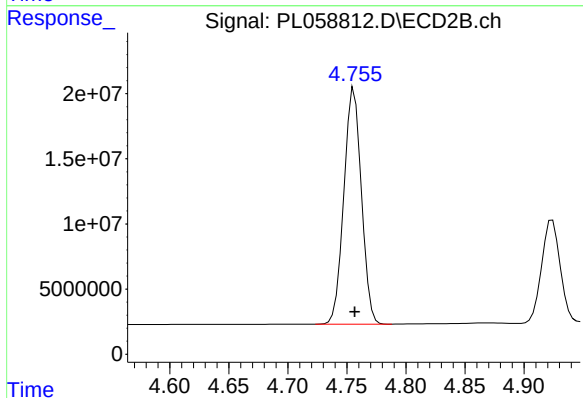
R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 203222877  
Conc: 50.64 ng/ml



#3 gamma-BHC (Lindane)

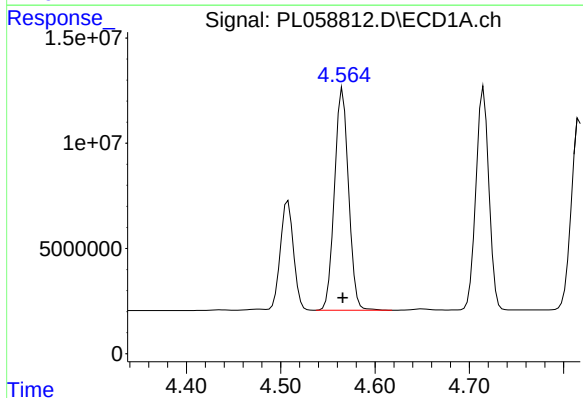
R.T.: 4.258 min  
Delta R.T.: 0.000 min  
Response: 112416661  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



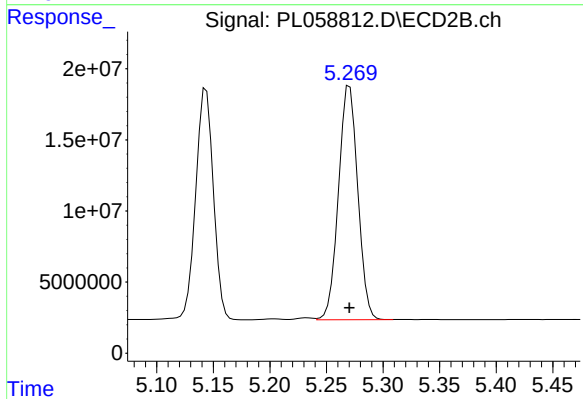
#3 gamma-BHC (Lindane)

R.T.: 4.756 min  
Delta R.T.: 0.000 min  
Response: 187413142  
Conc: 49.45 ng/ml



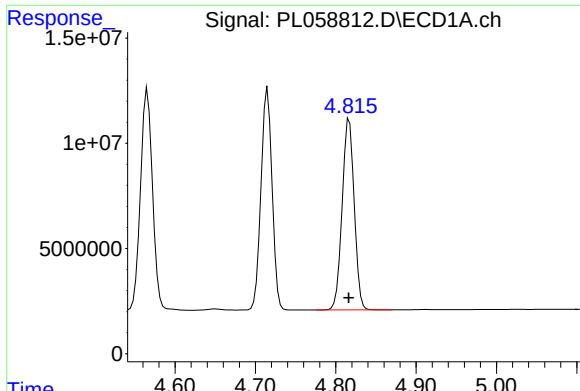
#4 Heptachlor

R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 109357559  
Conc: 48.64 ng/ml



#4 Heptachlor

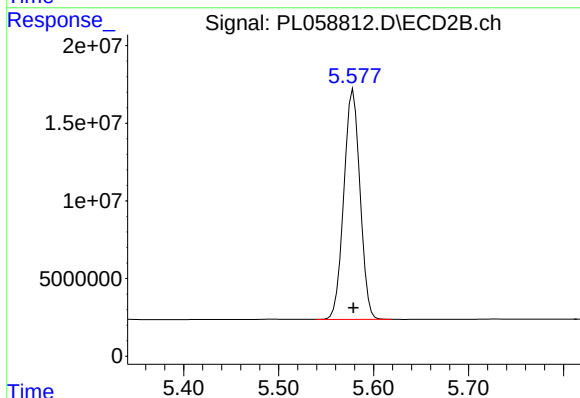
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 195250509  
Conc: 50.97 ng/ml



#5 Aldrin

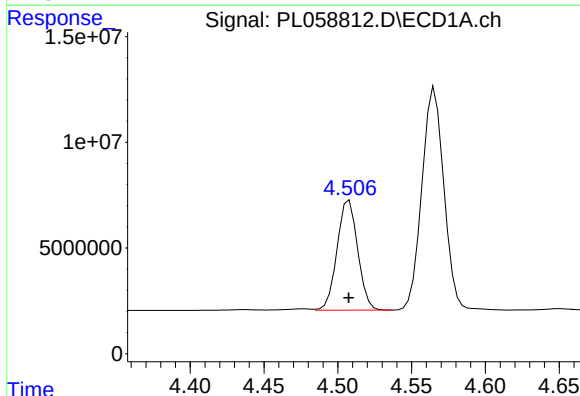
R.T.: 4.817 min  
Delta R.T.: 0.000 min  
Response: 94705282  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



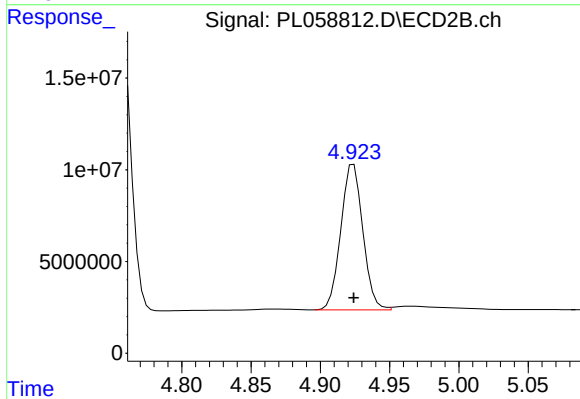
#5 Aldrin

R.T.: 5.579 min  
Delta R.T.: 0.000 min  
Response: 175481956  
Conc: 51.44 ng/ml



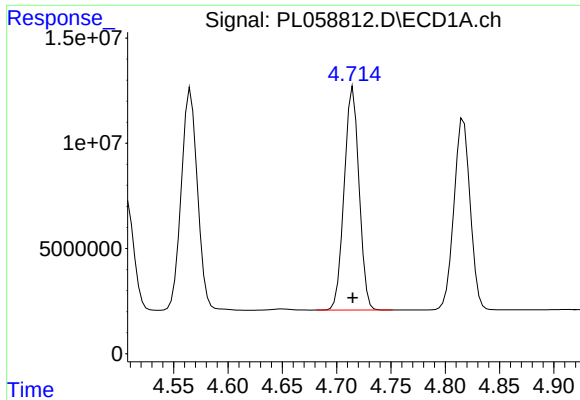
#6 beta-BHC

R.T.: 4.508 min  
Delta R.T.: 0.000 min  
Response: 50596256  
Conc: 49.23 ng/ml



#6 beta-BHC

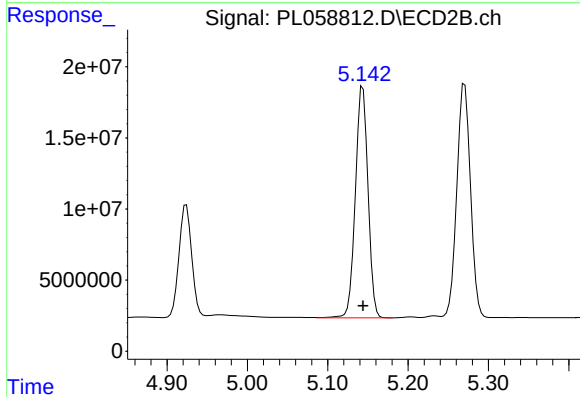
R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 87920446  
Conc: 50.53 ng/ml



#7 delta-BHC

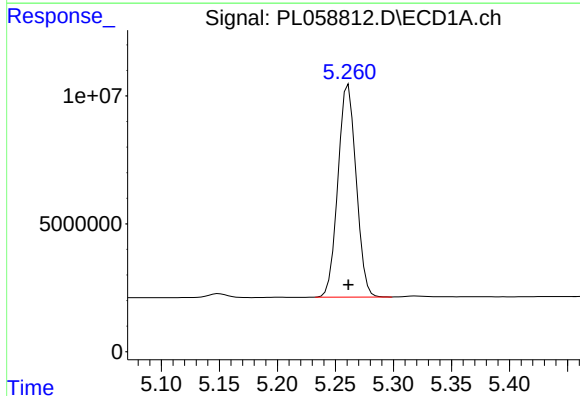
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 101148760  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



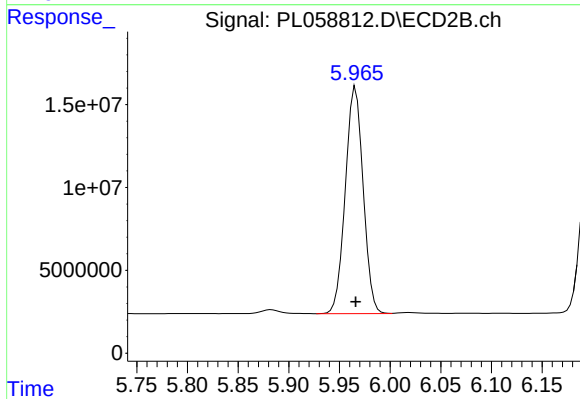
#7 delta-BHC

R.T.: 5.144 min  
Delta R.T.: 0.000 min  
Response: 177509163  
Conc: 48.67 ng/ml



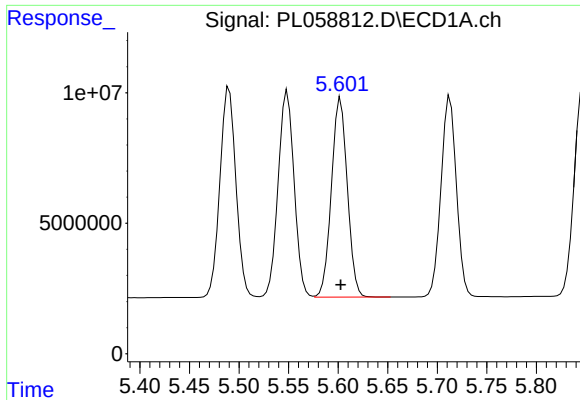
#8 Heptachlor epoxide

R.T.: 5.261 min  
Delta R.T.: 0.000 min  
Response: 90782064  
Conc: 49.19 ng/ml



#8 Heptachlor epoxide

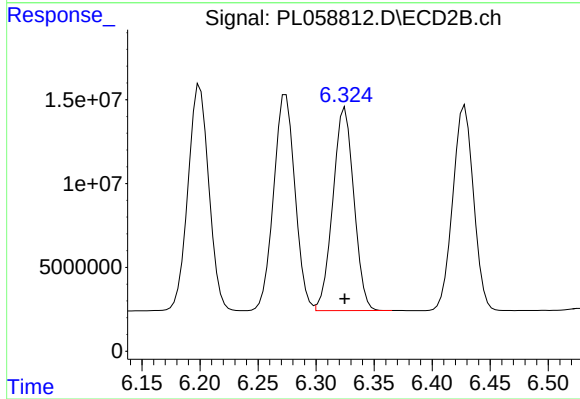
R.T.: 5.966 min  
Delta R.T.: 0.000 min  
Response: 167440712  
Conc: 50.77 ng/ml



#9 Endosulfan I

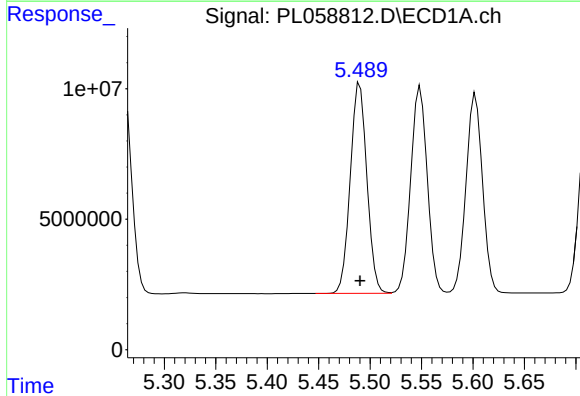
R.T.: 5.603 min  
Delta R.T.: 0.000 min  
Response: 85246353  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



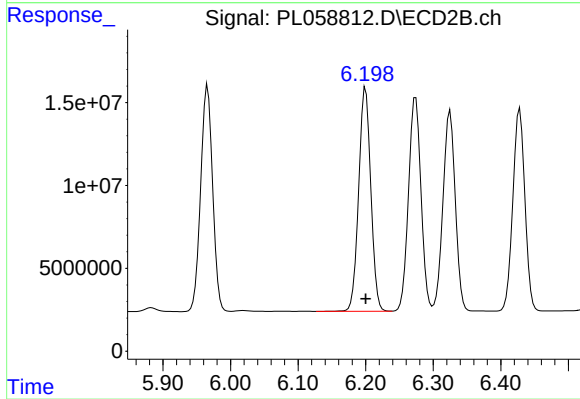
#9 Endosulfan I

R.T.: 6.325 min  
Delta R.T.: 0.000 min  
Response: 152644131  
Conc: 51.92 ng/ml



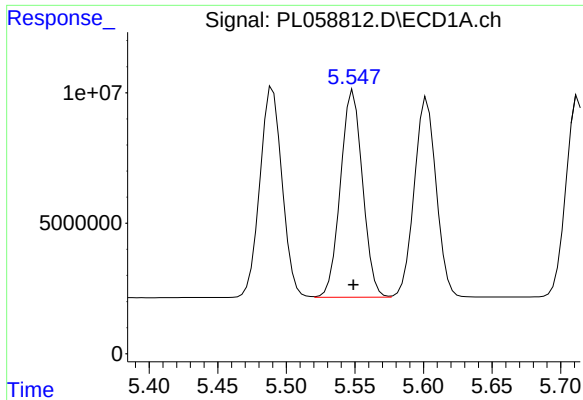
#10 gamma-Chlordane

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 90858120  
Conc: 49.56 ng/ml



#10 gamma-Chlordane

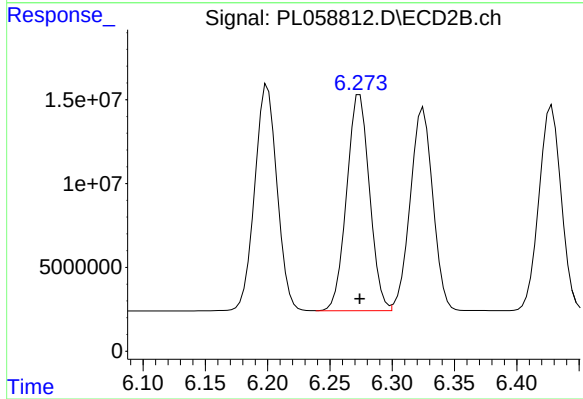
R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 168835384  
Conc: 50.97 ng/ml



#11 alpha-Chlordane

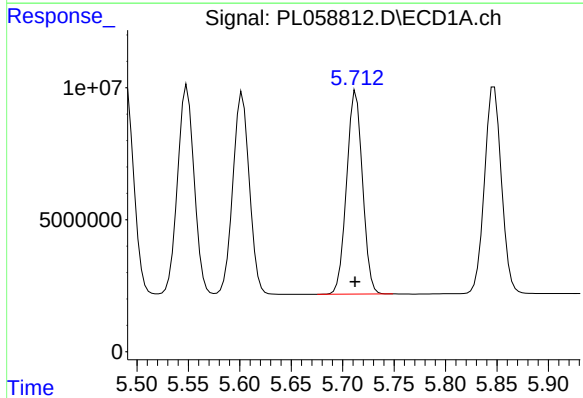
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 89051630  
Conc: 48.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



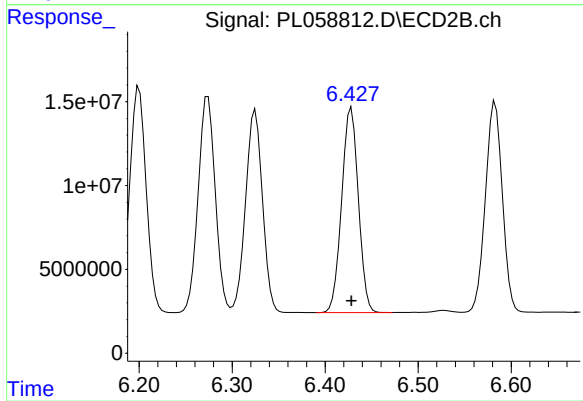
#11 alpha-Chlordane

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 165254627  
Conc: 50.88 ng/ml



#12 4,4'-DDE

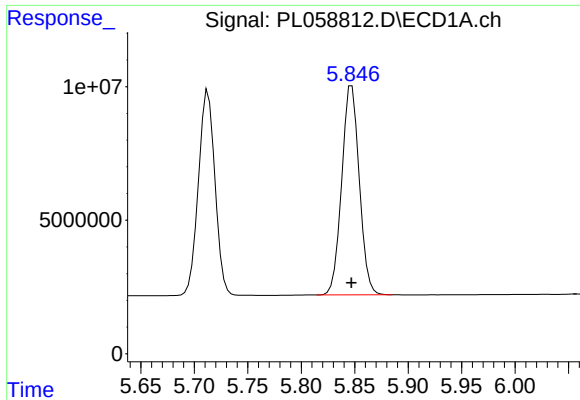
R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 83010611  
Conc: 50.55 ng/ml



#12 4,4'-DDE

R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 152347528  
Conc: 53.38 ng/ml

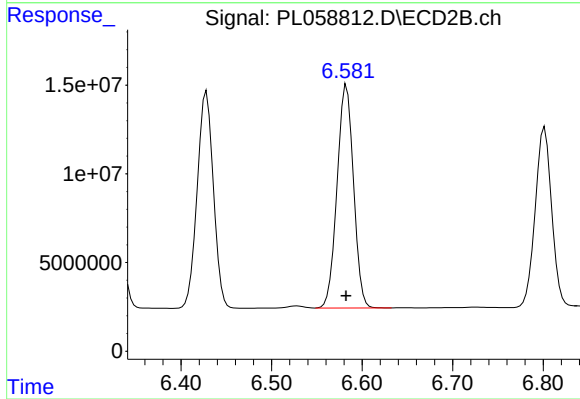




#13 Dieldrin

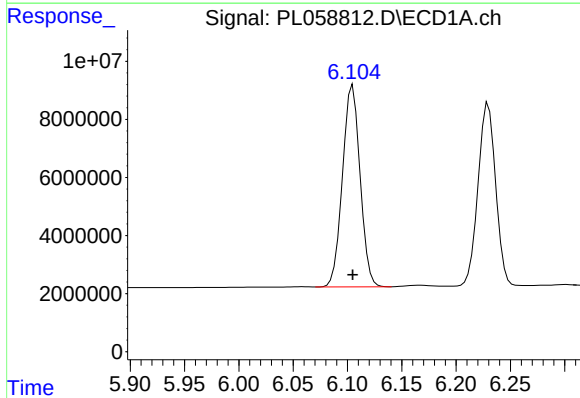
R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 89659904  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



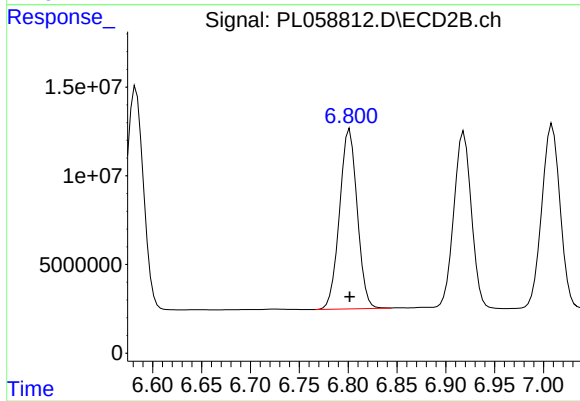
#13 Dieldrin

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 159004589  
Conc: 52.49 ng/ml



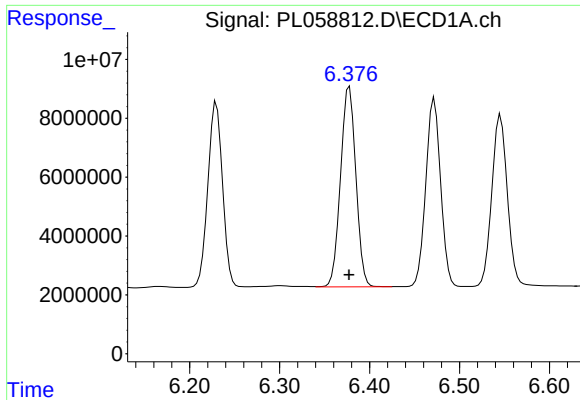
#14 Endrin

R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 78421204  
Conc: 50.04 ng/ml



#14 Endrin

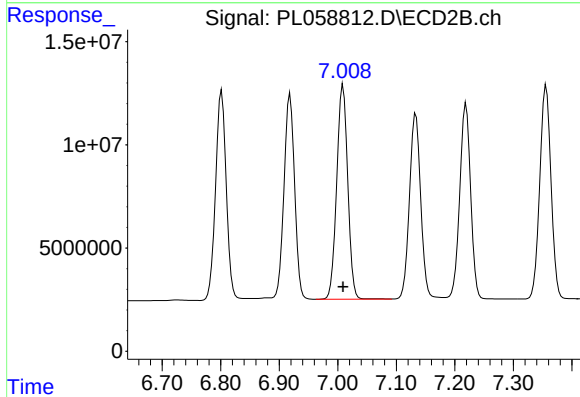
R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 127957042  
Conc: 51.28 ng/ml



#15 Endosulfan II

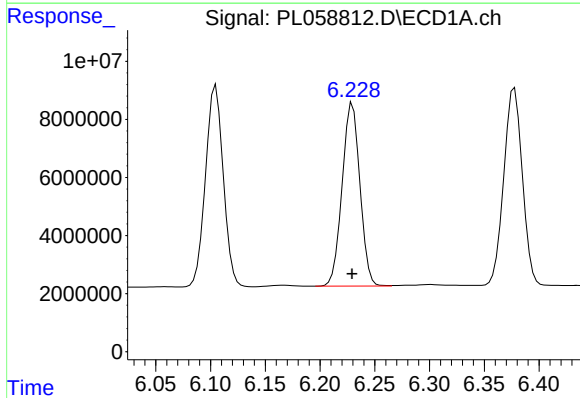
R.T.: 6.378 min  
Delta R.T.: 0.000 min  
Response: 80627458  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



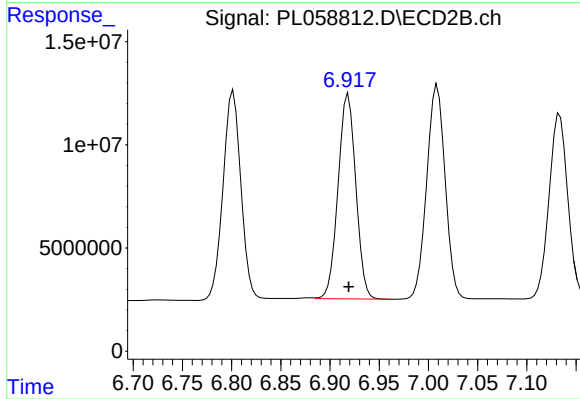
#15 Endosulfan II

R.T.: 7.009 min  
Delta R.T.: 0.000 min  
Response: 136241451  
Conc: 48.60 ng/ml



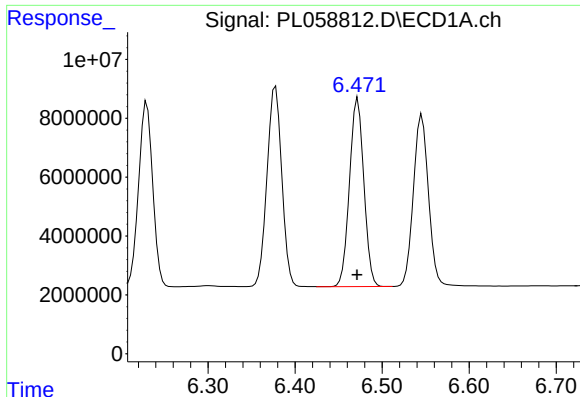
#16 4,4'-DDD

R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 71360027  
Conc: 50.41 ng/ml



#16 4,4'-DDD

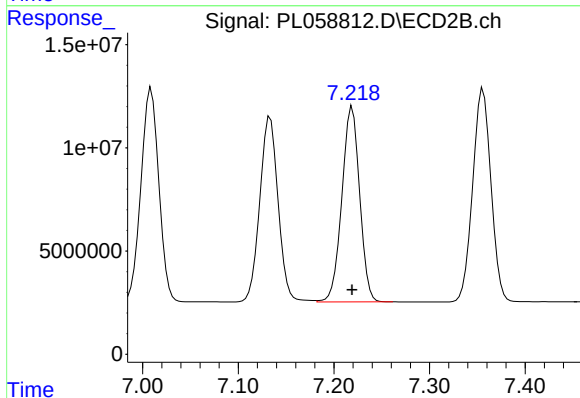
R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 124895522  
Conc: 52.35 ng/ml



#17 4,4'-DDT

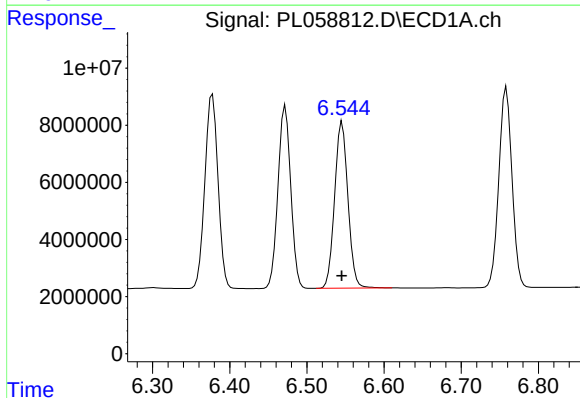
R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 73394955  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



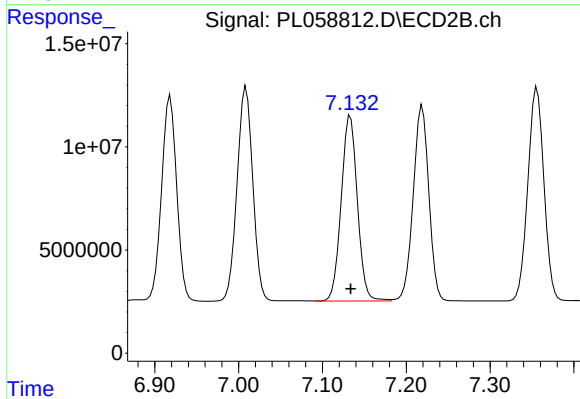
#17 4,4'-DDT

R.T.: 7.219 min  
Delta R.T.: 0.000 min  
Response: 122619204  
Conc: 51.56 ng/ml



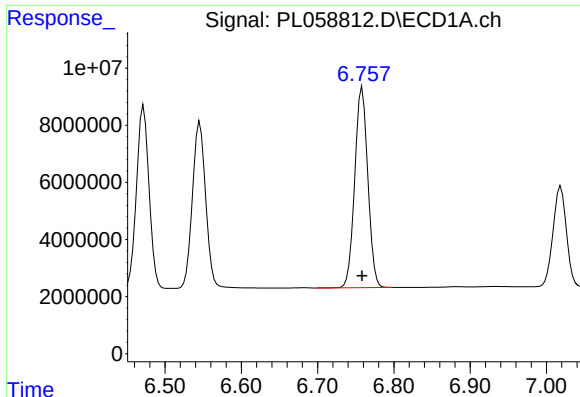
#18 Endrin aldehyde

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 70143786  
Conc: 49.70 ng/ml



#18 Endrin aldehyde

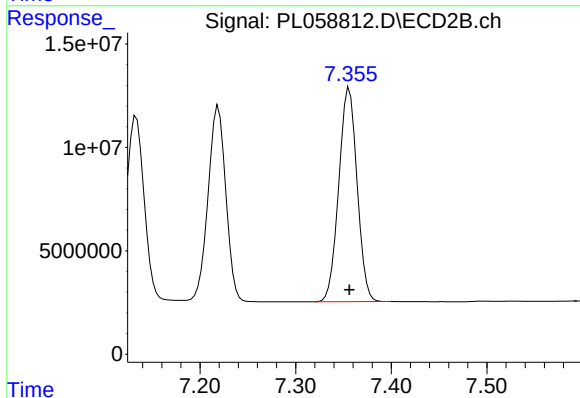
R.T.: 7.133 min  
Delta R.T.: 0.000 min  
Response: 120522438  
Conc: 51.08 ng/ml



#19 Endosulfan Sulfate

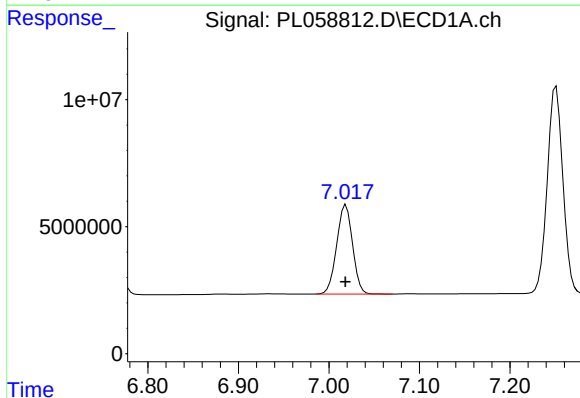
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 83639496  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



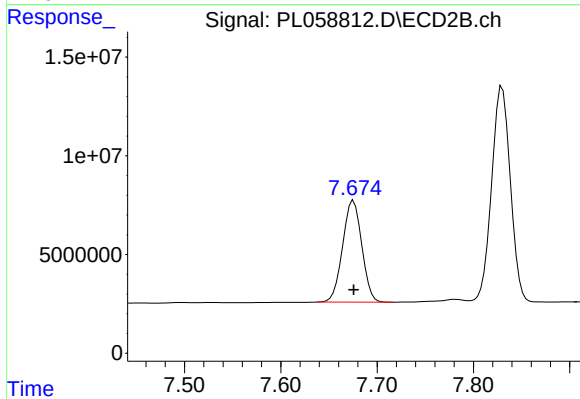
#19 Endosulfan Sulfate

R.T.: 7.356 min  
Delta R.T.: 0.000 min  
Response: 137872347  
Conc: 52.46 ng/ml



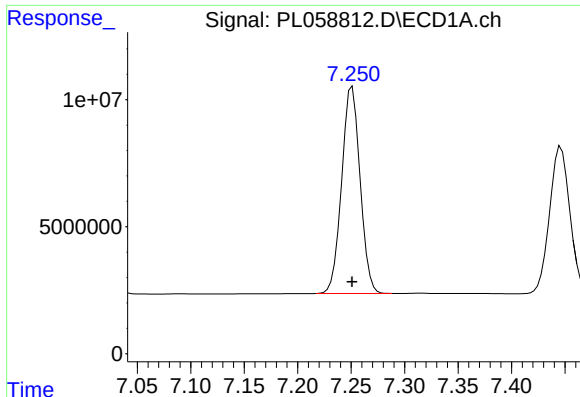
#20 Methoxychlor

R.T.: 7.019 min  
Delta R.T.: 0.000 min  
Response: 42712981  
Conc: 50.07 ng/ml



#20 Methoxychlor

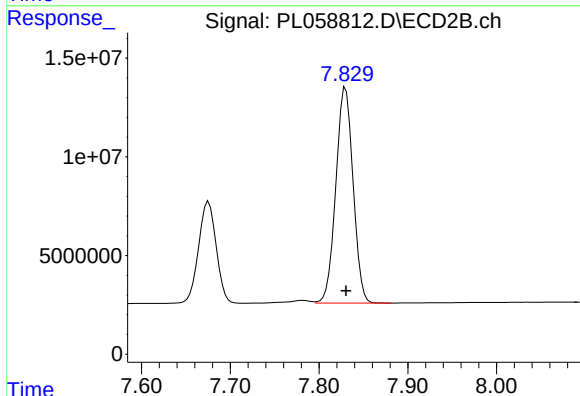
R.T.: 7.676 min  
Delta R.T.: 0.000 min  
Response: 70903773  
Conc: 50.84 ng/ml



#21 Endrin ketone

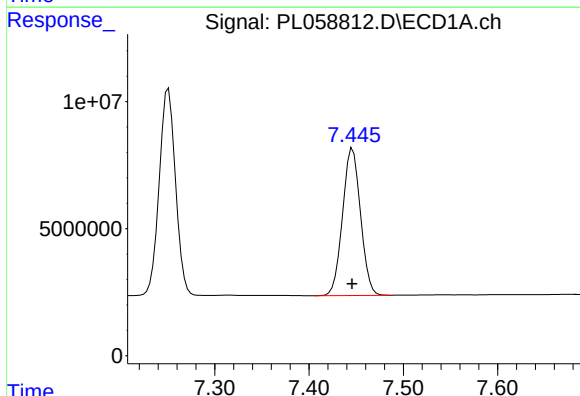
R.T.: 7.251 min  
Delta R.T.: 0.000 min  
Response: 97699291  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



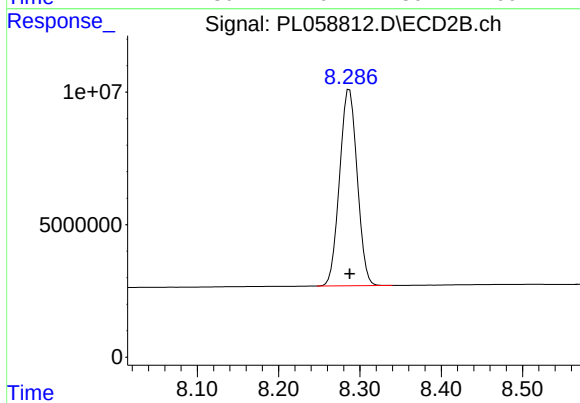
#21 Endrin ketone

R.T.: 7.830 min  
Delta R.T.: 0.000 min  
Response: 147714548  
Conc: 53.32 ng/ml



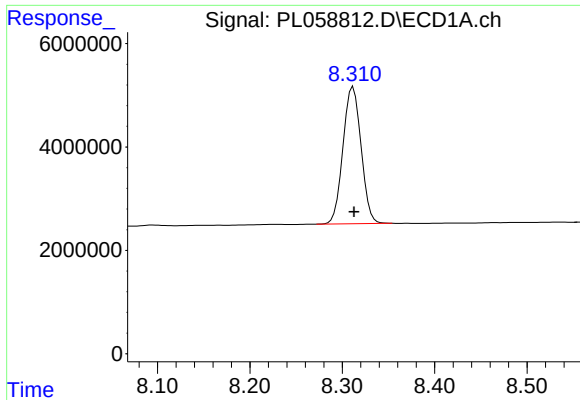
#22 Mirex

R.T.: 7.446 min  
Delta R.T.: 0.000 min  
Response: 76717802  
Conc: 49.60 ng/ml



#22 Mirex

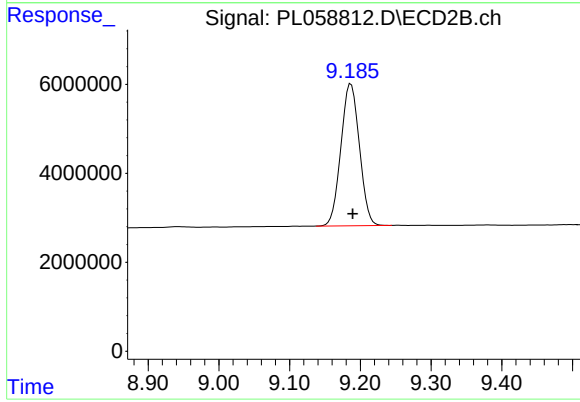
R.T.: 8.287 min  
Delta R.T.: 0.000 min  
Response: 111538346  
Conc: 50.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.312 min  
Delta R.T.: -0.001 min  
Response: 36138797  
Conc: 21.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB128988BS



#28 Decachlorobiphenyl

R.T.: 9.187 min  
Delta R.T.: -0.002 min  
Response: 58117388  
Conc: 22.05 ng/ml