

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082922\  
 Data File : PL077354.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2022 14:41  
 Operator : AR\AJ  
 Sample : N4398-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ROCK-FINES-QA/QC-COMPMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 15:23:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 23 05:36:06 2022  
 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... | 3.416 | 2.630 | 21032540 | 48284068 | 15.458 | 15.711 |
| 2)                          | SA Decachlor... | 8.908 | 7.734 | 19060639 | 41699977 | 16.265 | 14.944 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.881 | 3.123 | 93520774 | 210.3E6  | 50.483 | 48.154 |
| 3)                          | MA gamma-BHC... | 4.217 | 3.447 | 86807748 | 192.6E6  | 49.590 | 49.314 |
| 4)                          | MA Heptachlor   | 4.793 | 3.780 | 88975344 | 189.8E6  | 51.417 | 48.683 |
| 5)                          | MB Aldrin       | 5.134 | 4.054 | 82922648 | 179.8E6  | 52.831 | 48.573 |
| 6)                          | B beta-BHC      | 4.429 | 3.746 | 36585448 | 78369258 | 49.232 | 47.521 |
| 7)                          | B delta-BHC     | 4.673 | 3.970 | 78731648 | 189.8E6  | 50.955 | 47.665 |
| 8)                          | B Heptachlo...  | 5.567 | 4.554 | 76589240 | 158.9E6  | 56.907 | 47.886 |
| 9)                          | A Endosulfan I  | 5.953 | 4.920 | 63733039 | 148.6E6  | 48.398 | 48.130 |
| 10)                         | B gamma-Chl...  | 5.823 | 4.803 | 93946660 | 241.5E6  | 66.994 | 72.230 |
| 11)                         | B alpha-Chl...  | 5.900 | 4.866 | 97851359 | 205.0E6  | 69.561 | 62.617 |
| 12)                         | B 4,4'-DDE      | 6.079 | 5.060 | 61391883 | 162.3E6  | 47.292 | 50.260 |
| 13)                         | MA Dieldrin     | 6.230 | 5.183 | 65230470 | 160.4E6  | 48.832 | 48.848 |
| 14)                         | MA Endrin       | 6.462 | 5.456 | 62300408 | 155.9E6  | 52.808 | 57.024 |
| 15)                         | B Endosulfa...  | 6.690 | 5.752 | 57531326 | 140.6E6  | 52.510 | 51.854 |
| 16)                         | A 4,4'-DDD      | 6.604 | 5.613 | 59339018 | 138.1E6  | 58.093 | 51.649 |
| 17)                         | MA 4,4'-DDT     | 6.914 | 5.862 | 59596819 | 137.2E6  | 53.352 | 52.090 |
| 18)                         | B Endrin al...  | 6.821 | 5.931 | 42962824 | 95457696 | 47.064 | 45.621 |
| 19)                         | B Endosulfa...  | 7.054 | 6.154 | 53530569 | 122.9E6  | 48.422 | 45.817 |
| 20)                         | A Methoxychlor  | 7.395 | 6.440 | 28299509 | 65423651 | 46.990 | 46.375 |
| 21)                         | B Endrin ke...  | 7.543 | 6.654 | 58352470 | 133.5E6  | 47.833 | 46.338 |
| 22)                         | Mirex           | 8.003 | 6.830 | 44861248 | 98760829 | 48.761 | 46.110 |
| -----                       |                 |       |       |          |          |        |        |

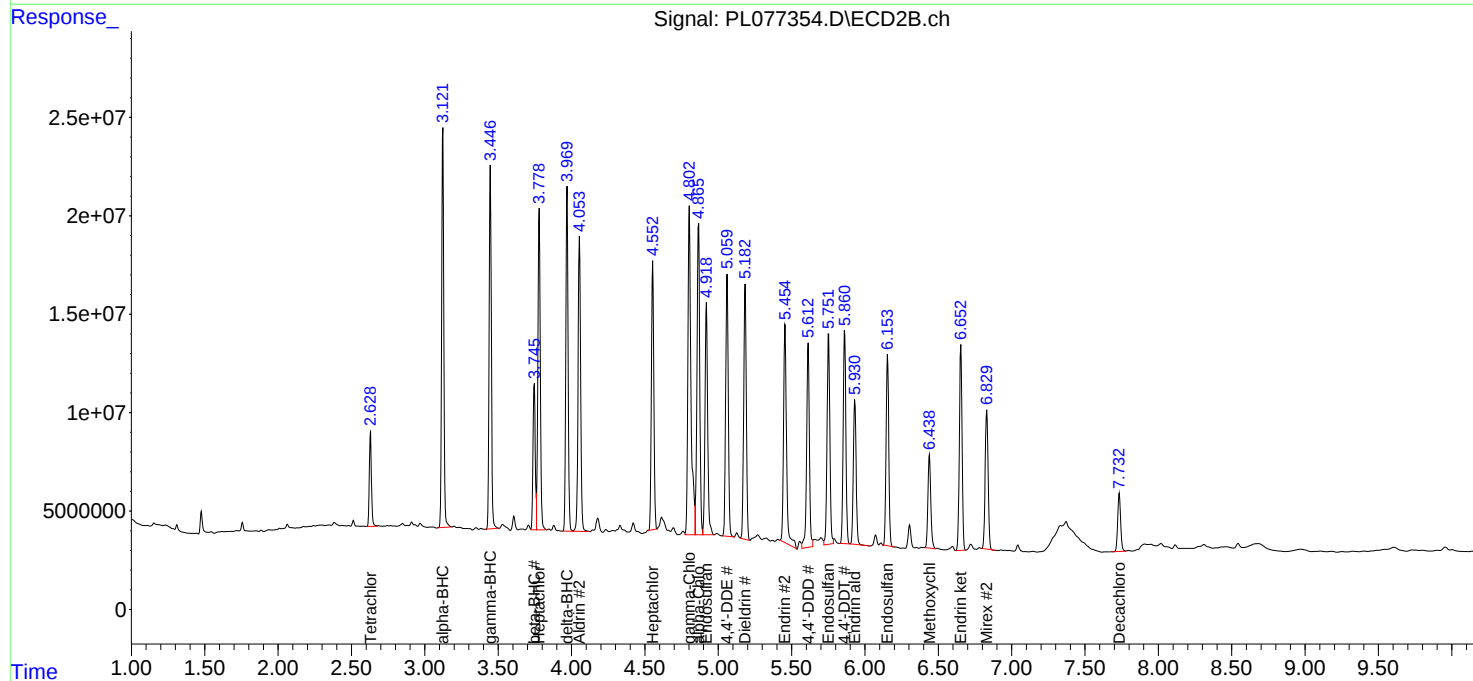
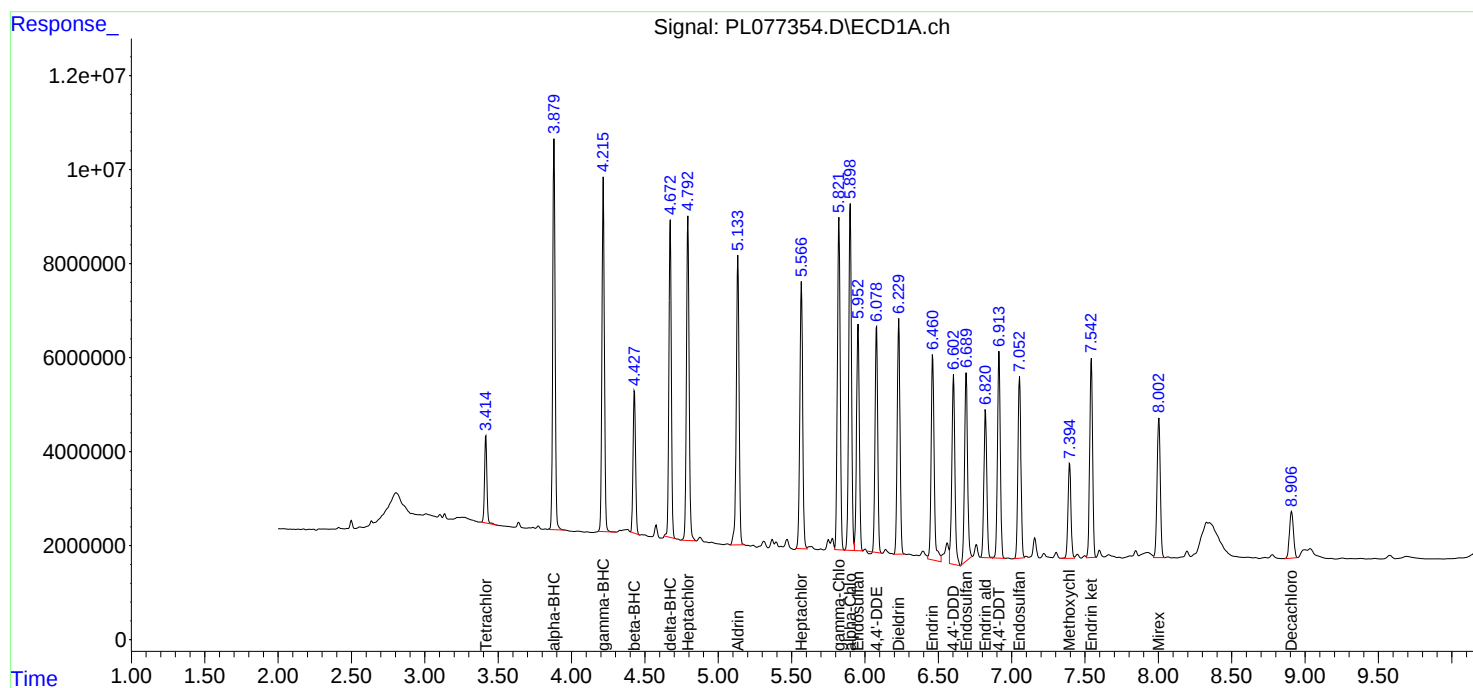
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

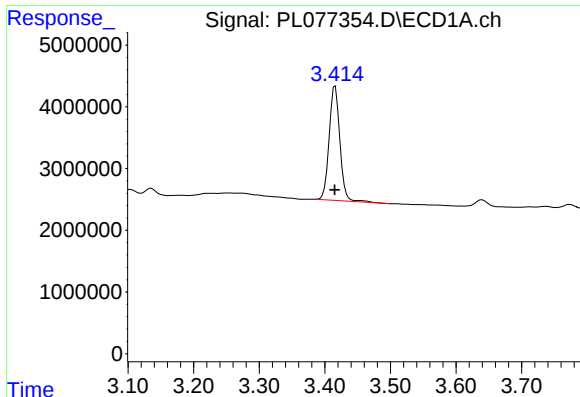
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082922\  
Data File : PL077354.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2022 14:41  
Operator : AR\AJ  
Sample : N4398-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 15:23:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 23 05:36:06 2022  
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

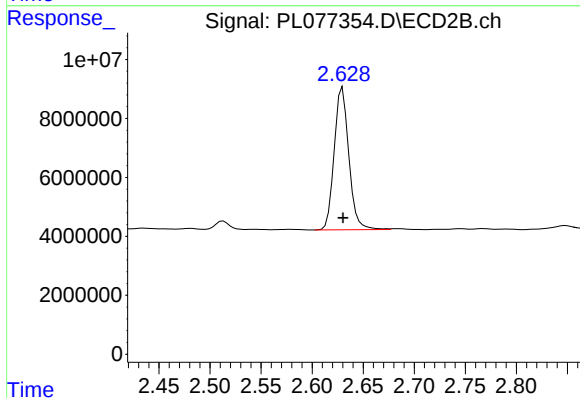




#1 Tetrachloro-m-xylene

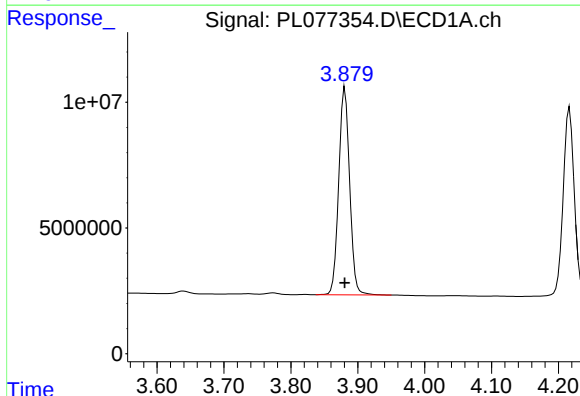
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 21032540  
Conc: 15.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



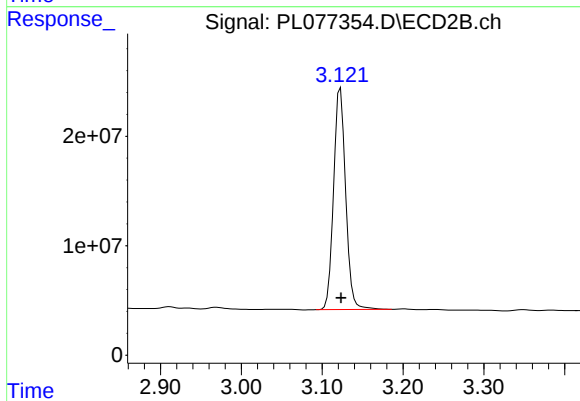
#1 Tetrachloro-m-xylene

R.T.: 2.630 min  
Delta R.T.: 0.000 min  
Response: 48284068  
Conc: 15.71 ng/ml



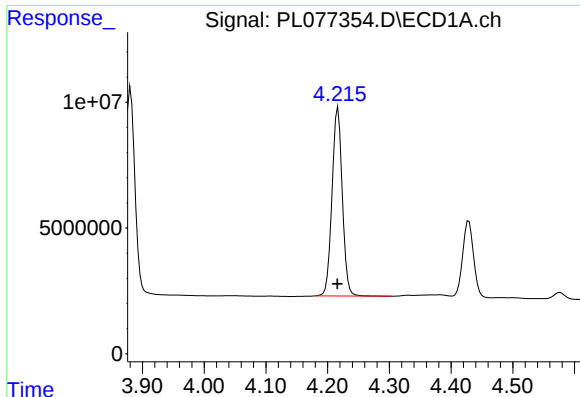
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 93520774  
Conc: 50.48 ng/ml



#2 alpha-BHC

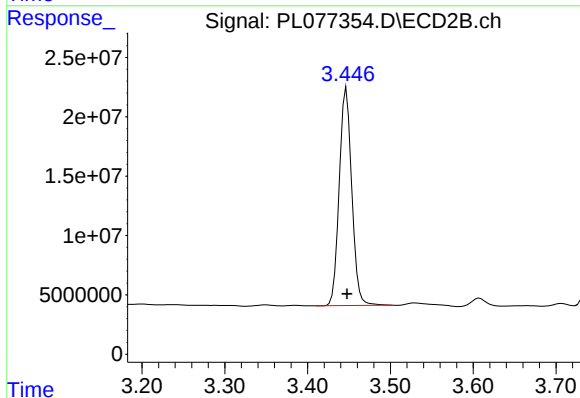
R.T.: 3.123 min  
Delta R.T.: 0.000 min  
Response: 210266496  
Conc: 48.15 ng/ml



#3 gamma-BHC (Lindane)

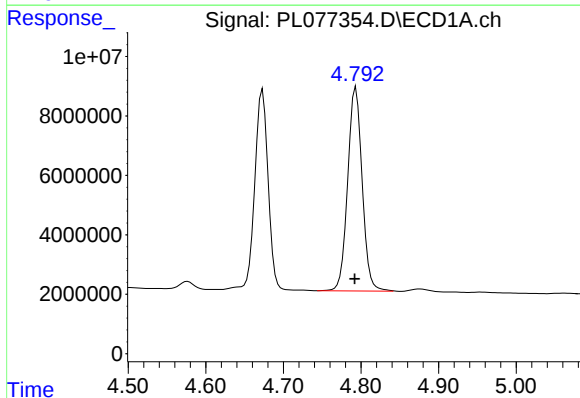
R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 86807748  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



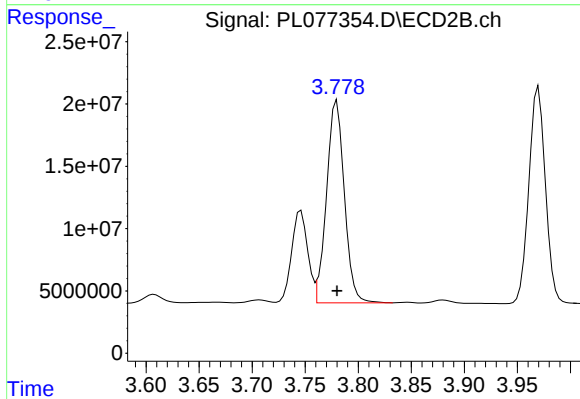
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: 0.000 min  
Response: 192646820  
Conc: 49.31 ng/ml



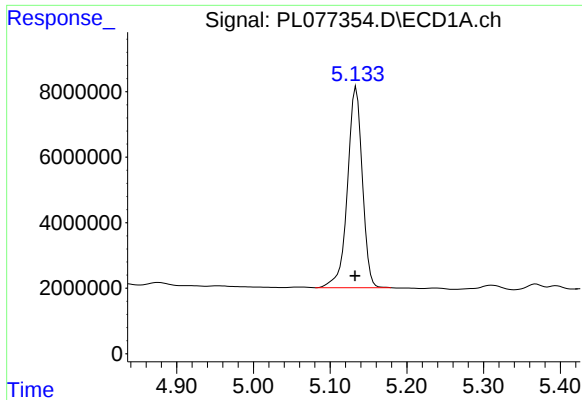
#4 Heptachlor

R.T.: 4.793 min  
Delta R.T.: 0.001 min  
Response: 88975344  
Conc: 51.42 ng/ml



#4 Heptachlor

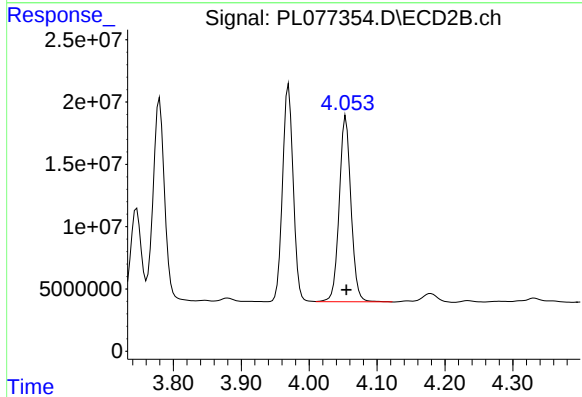
R.T.: 3.780 min  
Delta R.T.: 0.000 min  
Response: 189789197  
Conc: 48.68 ng/ml



#5 Aldrin

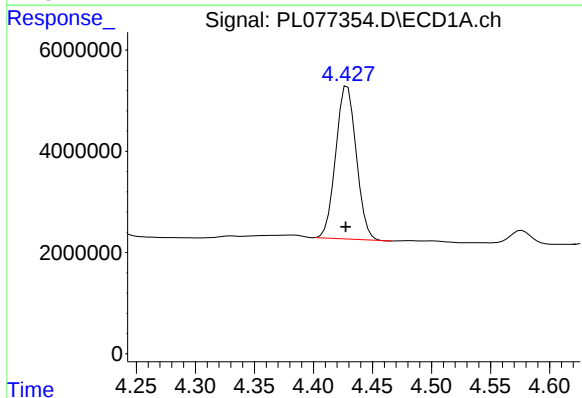
R.T.: 5.134 min  
Delta R.T.: 0.002 min  
Response: 82922648  
Conc: 52.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



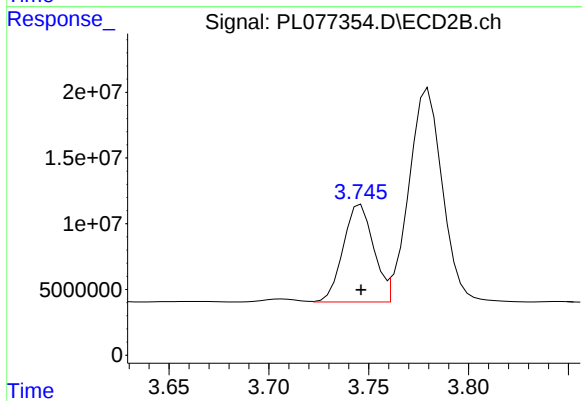
#5 Aldrin

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 179772173  
Conc: 48.57 ng/ml



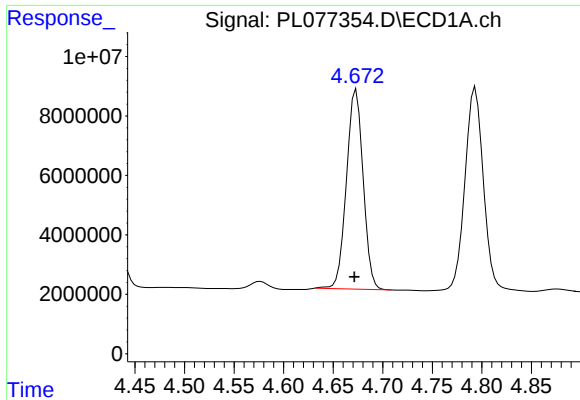
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.001 min  
Response: 36585448  
Conc: 49.23 ng/ml



#6 beta-BHC

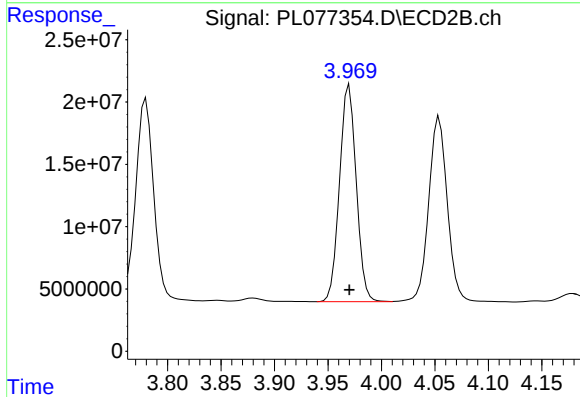
R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 78369258  
Conc: 47.52 ng/ml



#7 delta-BHC

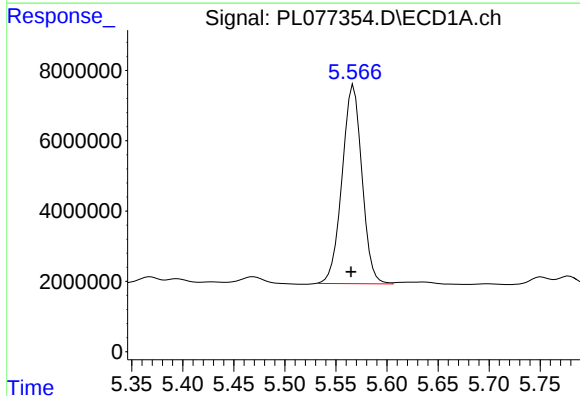
R.T.: 4.673 min  
Delta R.T.: 0.002 min  
Response: 78731648  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



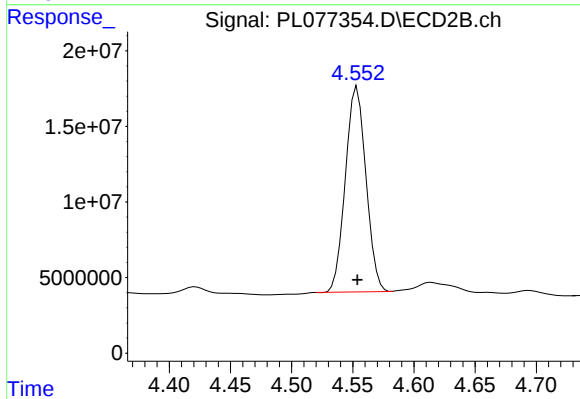
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 189791296  
Conc: 47.67 ng/ml



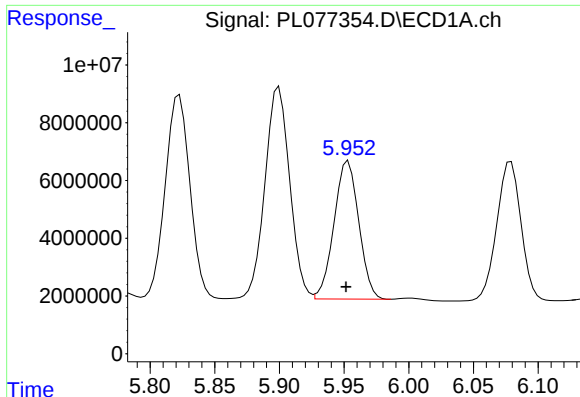
#8 Heptachlor epoxide

R.T.: 5.567 min  
Delta R.T.: 0.002 min  
Response: 76589240  
Conc: 56.91 ng/ml



#8 Heptachlor epoxide

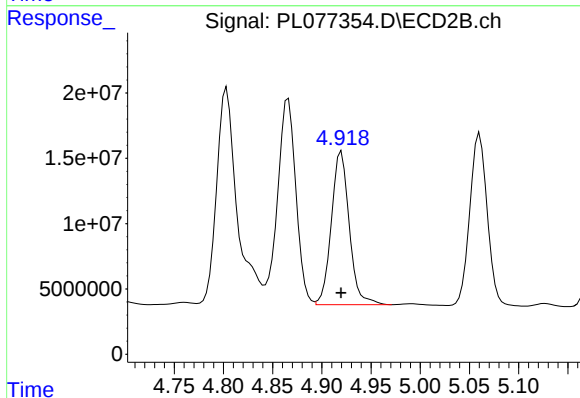
R.T.: 4.554 min  
Delta R.T.: 0.000 min  
Response: 158926585  
Conc: 47.89 ng/ml



#9 Endosulfan I

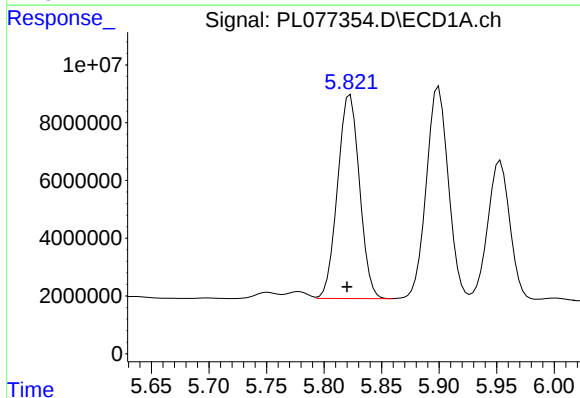
R.T.: 5.953 min  
Delta R.T.: 0.002 min  
Response: 63733039  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



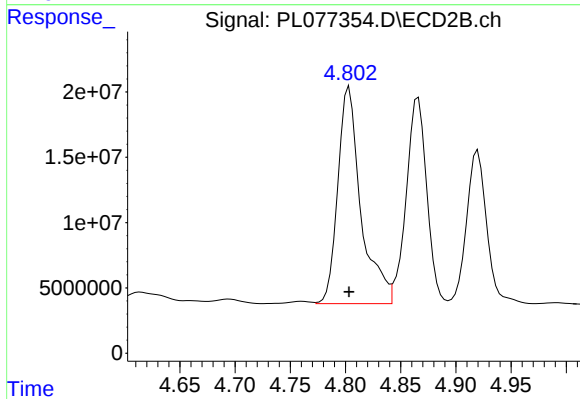
#9 Endosulfan I

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 148562082  
Conc: 48.13 ng/ml



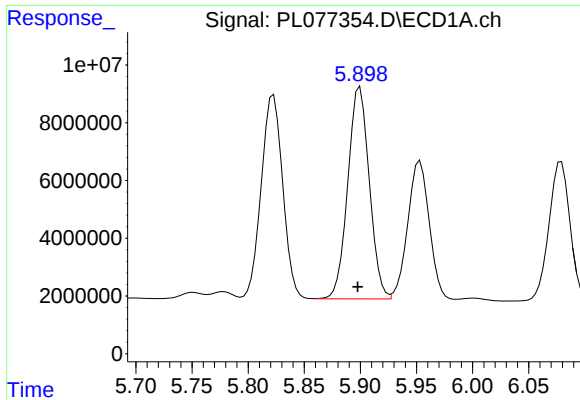
#10 gamma-Chlordane

R.T.: 5.823 min  
Delta R.T.: 0.003 min  
Response: 93946660  
Conc: 66.99 ng/ml



#10 gamma-Chlordane

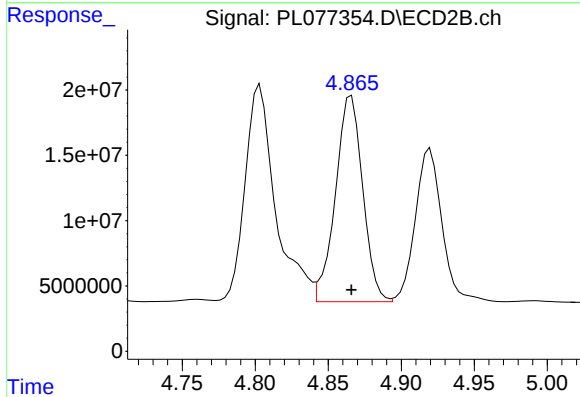
R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 241486207  
Conc: 72.23 ng/ml



#11 alpha-Chlordane

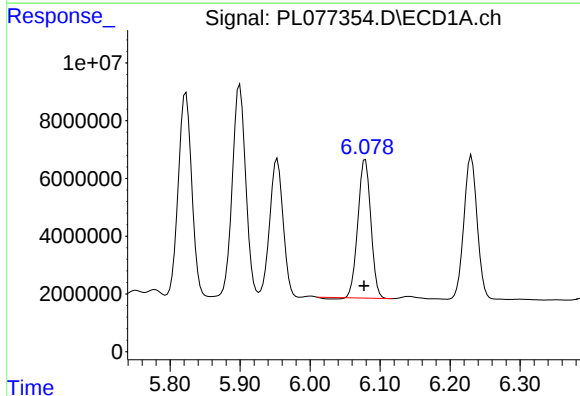
R.T.: 5.900 min  
Delta R.T.: 0.002 min  
Response: 97851359  
Conc: 69.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



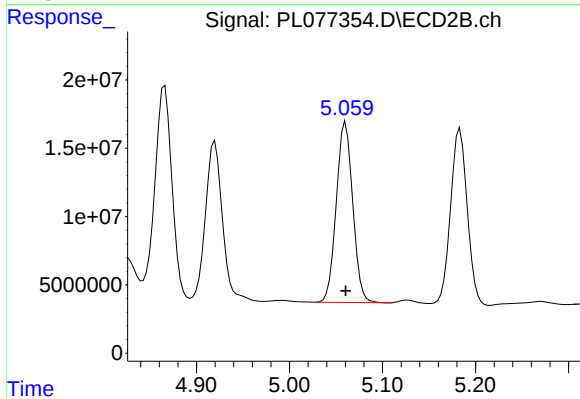
#11 alpha-Chlordane

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 204984999  
Conc: 62.62 ng/ml



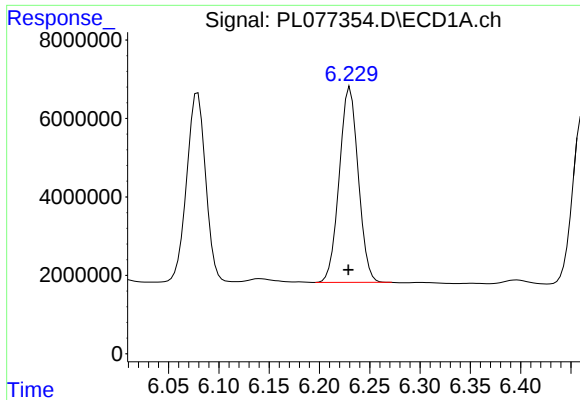
#12 4,4'-DDE

R.T.: 6.079 min  
Delta R.T.: 0.002 min  
Response: 61391883  
Conc: 47.29 ng/ml



#12 4,4'-DDE

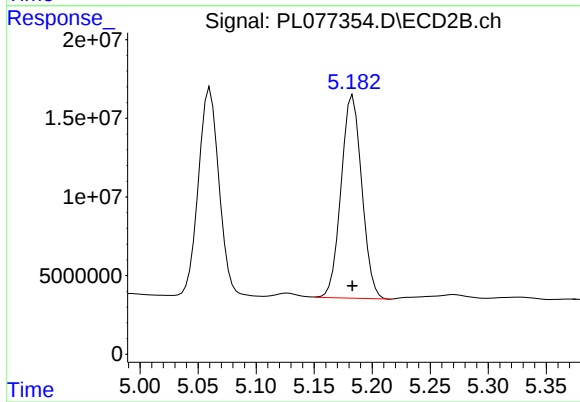
R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 162337707  
Conc: 50.26 ng/ml



#13 Dieldrin

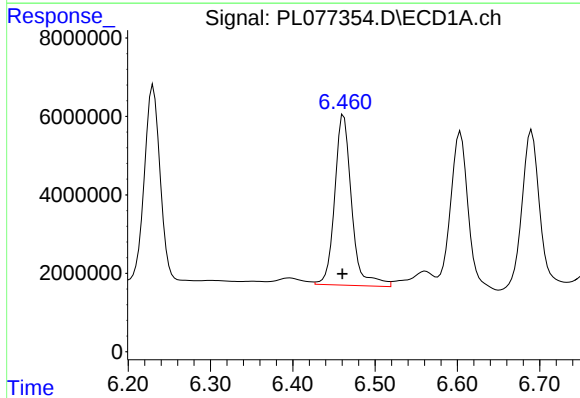
R.T.: 6.230 min  
Delta R.T.: 0.002 min  
Response: 65230470  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



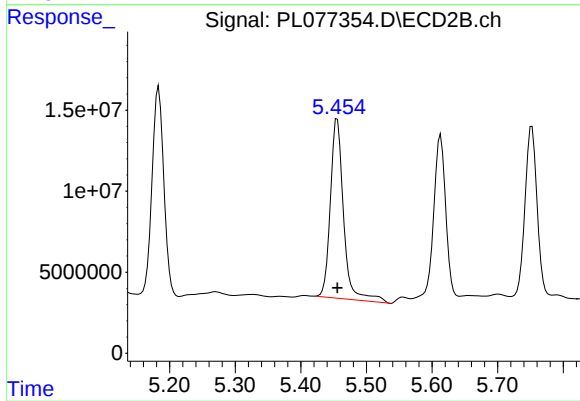
#13 Dieldrin

R.T.: 5.183 min  
Delta R.T.: 0.000 min  
Response: 160407027  
Conc: 48.85 ng/ml



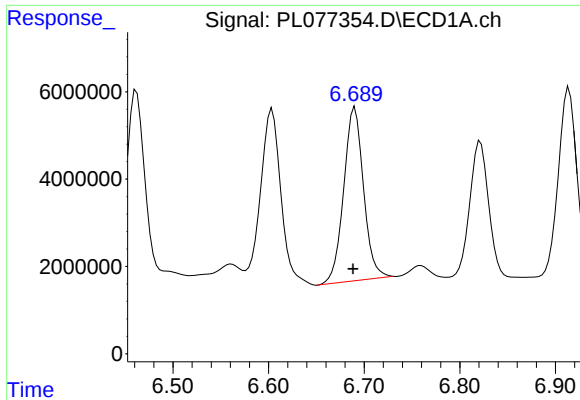
#14 Endrin

R.T.: 6.462 min  
Delta R.T.: 0.001 min  
Response: 62300408  
Conc: 52.81 ng/ml



#14 Endrin

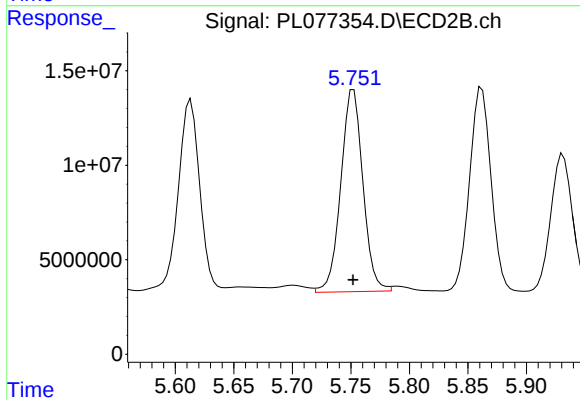
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 155895181  
Conc: 57.02 ng/ml



#15 Endosulfan II

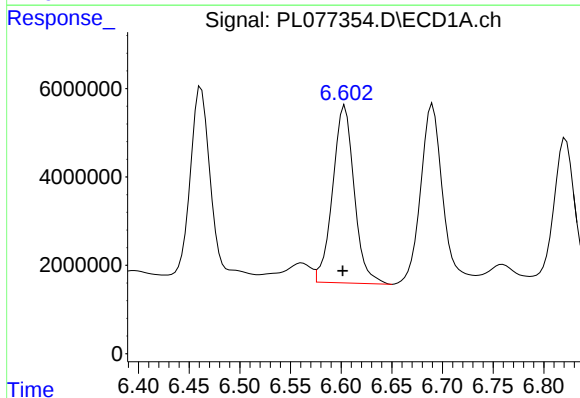
R.T.: 6.690 min  
Delta R.T.: 0.002 min  
Response: 57531326  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



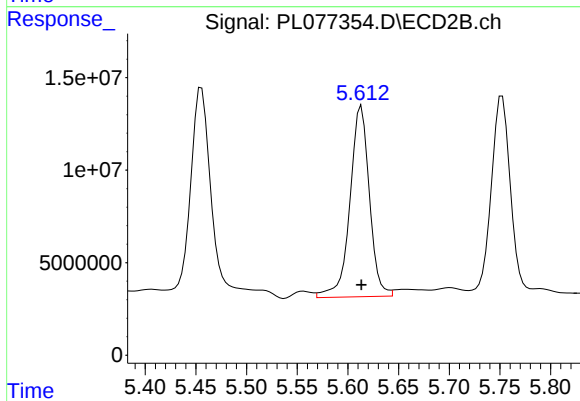
#15 Endosulfan II

R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 140631446  
Conc: 51.85 ng/ml



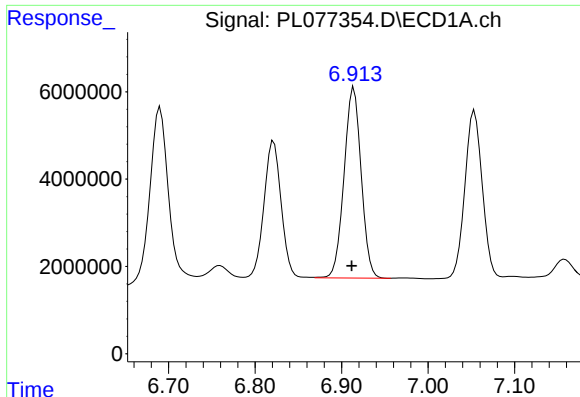
#16 4,4'-DDD

R.T.: 6.604 min  
Delta R.T.: 0.002 min  
Response: 59339018  
Conc: 58.09 ng/ml



#16 4,4'-DDD

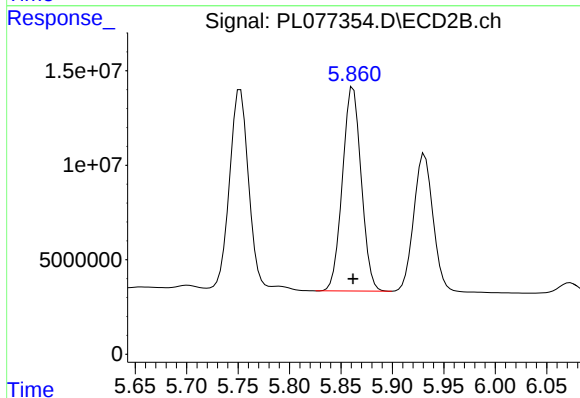
R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 138100468  
Conc: 51.65 ng/ml



#17 4,4'-DDT

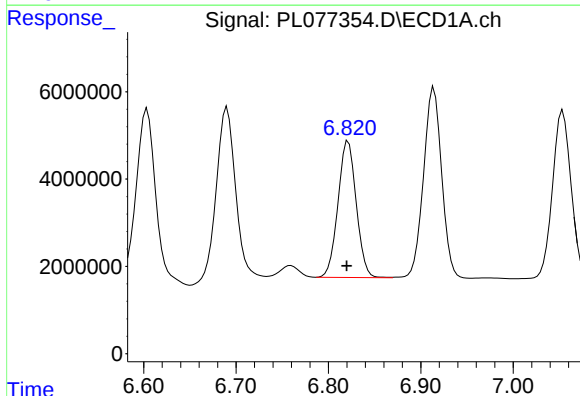
R.T.: 6.914 min  
Delta R.T.: 0.002 min  
Response: 59596819  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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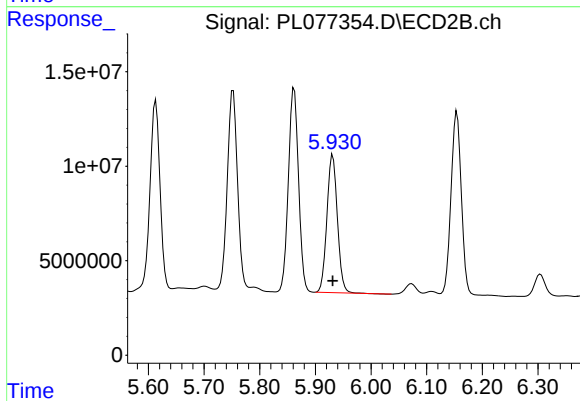
#17 4,4'-DDT

R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 137213317  
Conc: 52.09 ng/ml



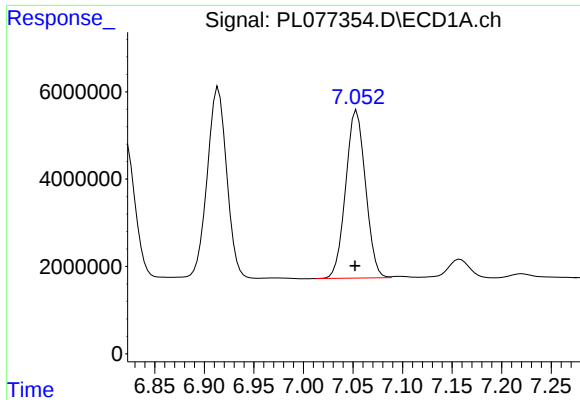
#18 Endrin aldehyde

R.T.: 6.821 min  
Delta R.T.: 0.002 min  
Response: 42962824  
Conc: 47.06 ng/ml



#18 Endrin aldehyde

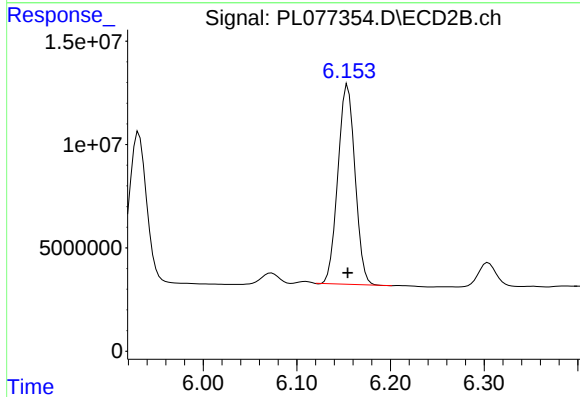
R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 95457696  
Conc: 45.62 ng/ml



#19 Endosulfan Sulfate

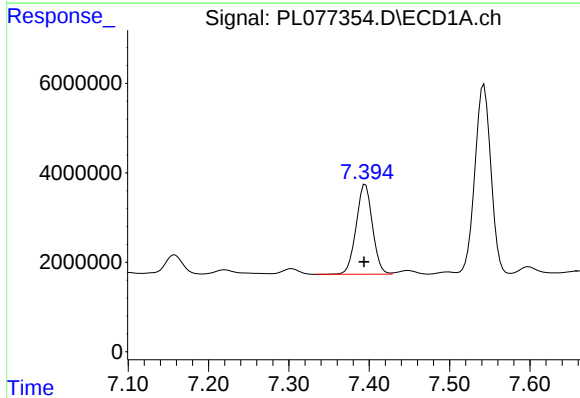
R.T.: 7.054 min  
Delta R.T.: 0.002 min  
Response: 53530569  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



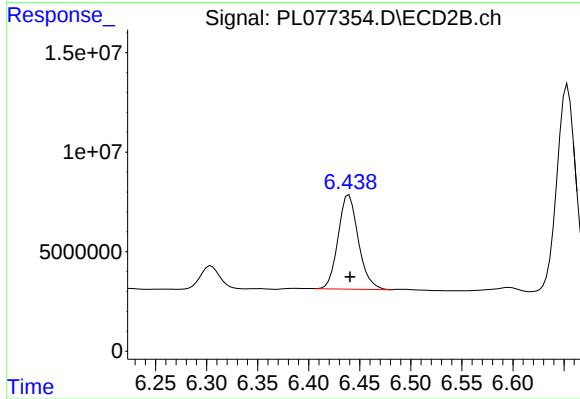
#19 Endosulfan Sulfate

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 122902473  
Conc: 45.82 ng/ml



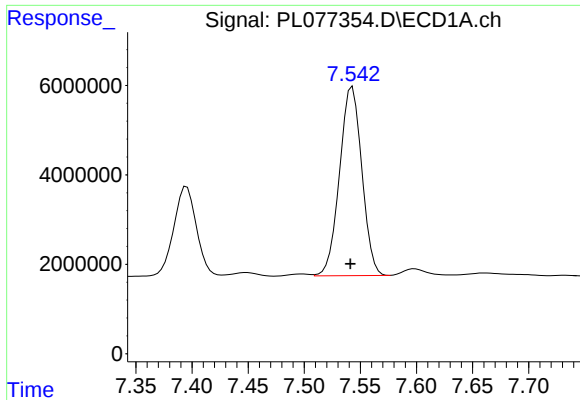
#20 Methoxychlor

R.T.: 7.395 min  
Delta R.T.: 0.002 min  
Response: 28299509  
Conc: 46.99 ng/ml



#20 Methoxychlor

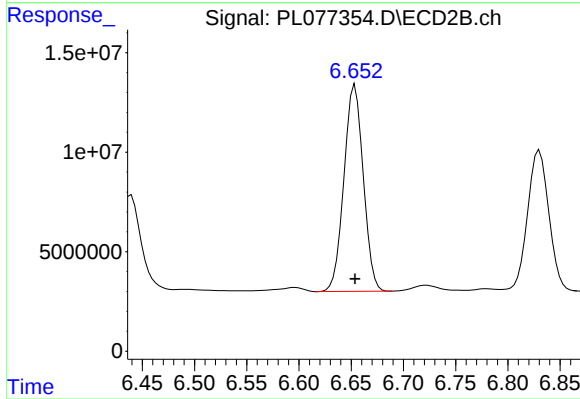
R.T.: 6.440 min  
Delta R.T.: 0.000 min  
Response: 65423651  
Conc: 46.38 ng/ml



#21 Endrin ketone

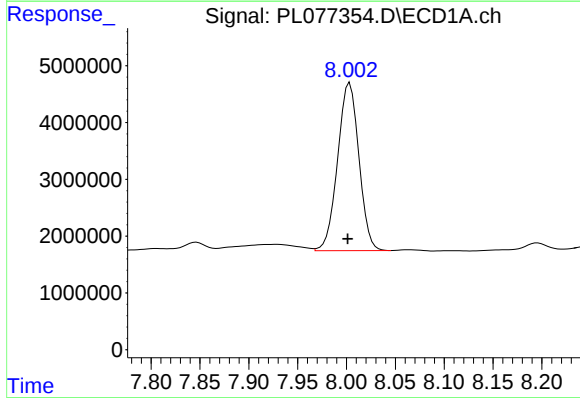
R.T.: 7.543 min  
Delta R.T.: 0.002 min  
Response: 58352470  
Conc: 47.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



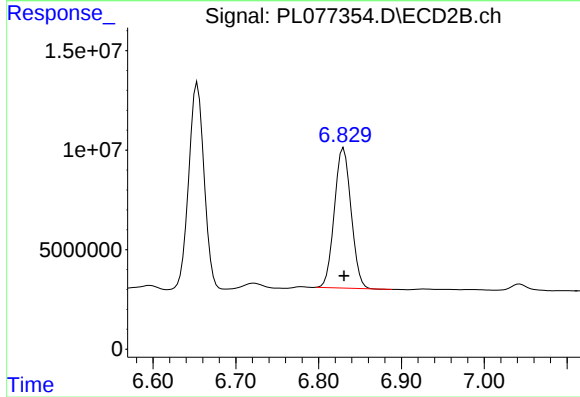
#21 Endrin ketone

R.T.: 6.654 min  
Delta R.T.: 0.000 min  
Response: 133492194  
Conc: 46.34 ng/ml



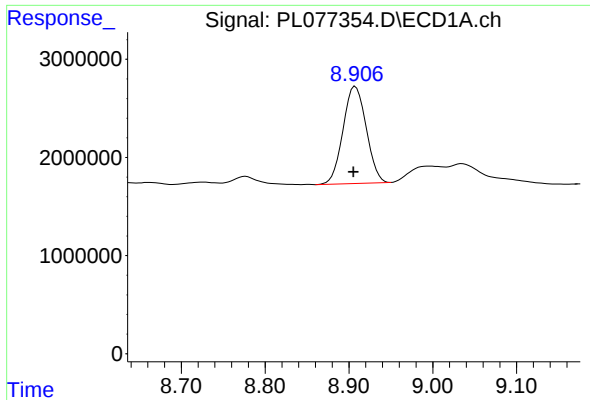
#22 Mirex

R.T.: 8.003 min  
Delta R.T.: 0.002 min  
Response: 44861248  
Conc: 48.76 ng/ml



#22 Mirex

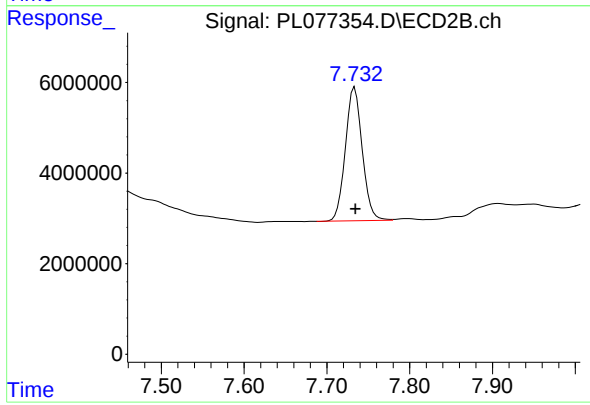
R.T.: 6.830 min  
Delta R.T.: 0.000 min  
Response: 98760829  
Conc: 46.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.908 min  
Delta R.T.: 0.002 min  
Response: 19060639  
Conc: 16.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ROCK-FINES-QA/QC-COMPMSD



#28 Decachlorobiphenyl

R.T.: 7.734 min  
Delta R.T.: 0.000 min  
Response: 41699977  
Conc: 14.94 ng/ml