

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111320\  
 Data File : PL063023.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2020 15:56  
 Operator : DD\AJ  
 Sample : L4719-04MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-3-SMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 16:54:34 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.411 | 3.951 | 32108297 | 59124953 | 18.667 | 20.119 |
| 28)                         | SA Decachlor... | 8.127 | 8.991 | 32420797 | 41416797 | 20.209 | 19.789 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.843 | 4.338 | 140.6E6  | 270.6E6  | 55.140 | 60.910 |
| 3)                          | MA gamma-BHC... | 4.123 | 4.621 | 125.5E6  | 235.2E6  | 54.174 | 56.322 |
| 4)                          | MA Heptachlor   | 4.420 | 5.126 | 113.7E6  | 220.0E6  | 52.982 | 55.169 |
| 5)                          | MB Aldrin       | 4.664 | 5.429 | 106.9E6  | 213.4E6  | 55.981 | 58.957 |
| 6)                          | B beta-BHC      | 4.372 | 4.793 | 49193964 | 106.1E6  | 51.502 | 56.357 |
| 7)                          | B delta-BHC     | 4.573 | 5.007 | 123.3E6  | 242.3E6  | 56.715 | 69.238 |
| 8)                          | B Heptachlo...  | 5.103 | 5.815 | 103.2E6  | 199.8E6  | 56.580 | 61.704 |
| 9)                          | A Endosulfan I  | 5.438 | 6.170 | 96448640 | 183.2E6  | 57.698 | 58.083 |
| 10)                         | B gamma-Chl...  | 5.328 | 6.048 | 102.2E6  | 191.6E6  | 56.740 | 56.923 |
| 11)                         | B alpha-Chl...  | 5.386 | 6.120 | 101.6E6  | 192.3E6  | 56.195 | 57.080 |
| 12)                         | B 4,4'-DDE      | 5.551 | 6.280 | 94362952 | 190.3E6  | 57.036 | 59.052 |
| 13)                         | MA Dieldrin     | 5.679 | 6.426 | 99639503 | 187.1E6  | 56.390 | 58.454 |
| 14)                         | MA Endrin       | 5.934 | 6.644 | 85603079 | 154.1E6  | 51.451 | 55.220 |
| 15)                         | B Endosulfa...  | 6.206 | 6.854 | 88221068 | 155.9E6  | 53.511 | 54.521 |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.769 | 88930670 | 174.1E6  | 62.871 | 67.991 |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.067 | 67120294 | 121.9E6  | 50.294 | 54.305 |
| 18)                         | B Endrin al...  | 6.373 | 6.978 | 74650502 | 125.5E6  | 51.409 | 55.015 |
| 19)                         | B Endosulfa...  | 6.586 | 7.201 | 93638891 | 147.1E6  | 56.743 | 61.302 |
| 20)                         | A Methoxychlor  | 6.846 | 7.527 | 40710330 | 63298798 | 47.266 | 51.233 |
| 21)                         | B Endrin ke...  | 7.072 | 7.670 | 112.3E6  | 161.4E6  | 62.260 | 68.104 |
| 22)                         | Mirex           | 7.258 | 8.123 | 82117763 | 109.1E6  | 57.924 | 64.023 |
| -----                       |                 |       |       |          |          |        |        |

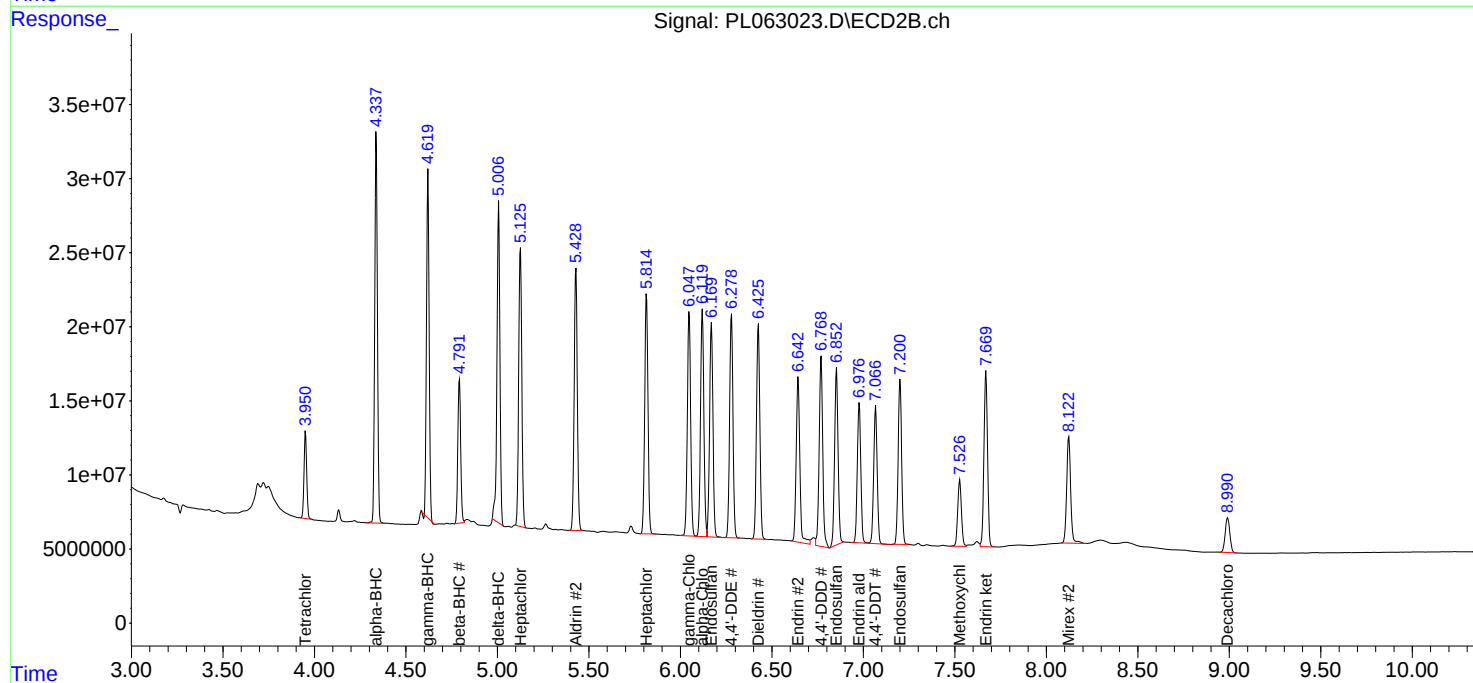
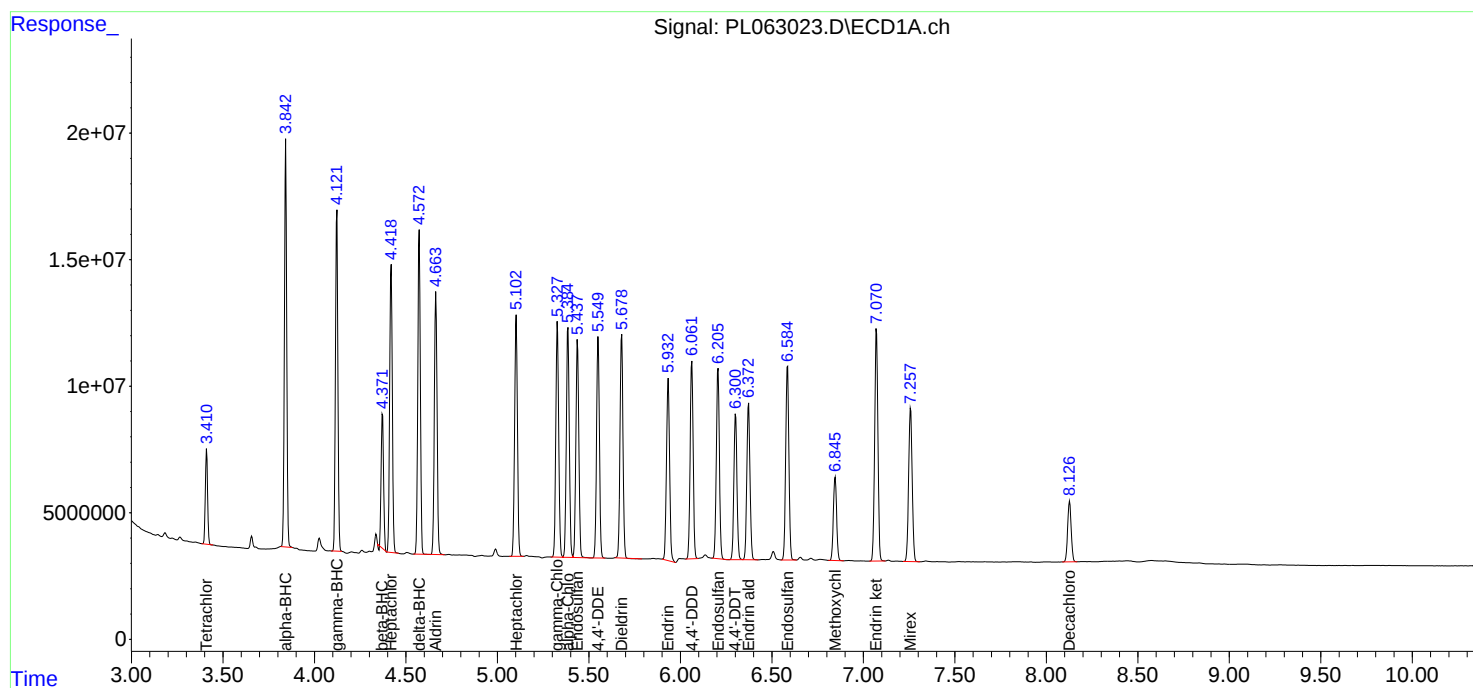
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

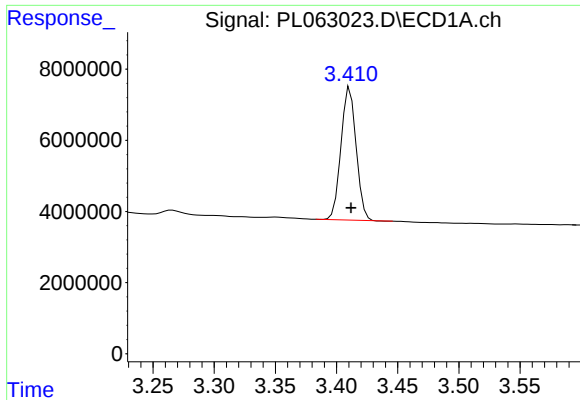
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111320\  
Data File : PL063023.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2020 15:56  
Operator : DD\AJ  
Sample : L4719-04MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
TP-3-SMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 16:54:34 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

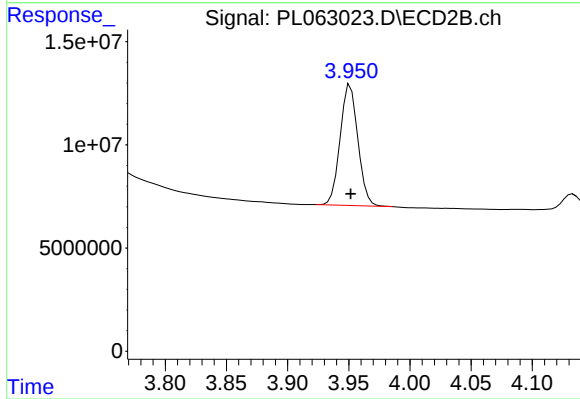




#1 Tetrachloro-m-xylene

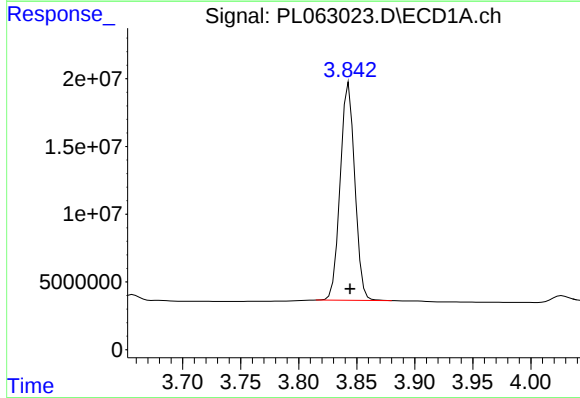
R.T.: 3.411 min  
Delta R.T.: 0.000 min  
Response: 32108297  
Conc: 18.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



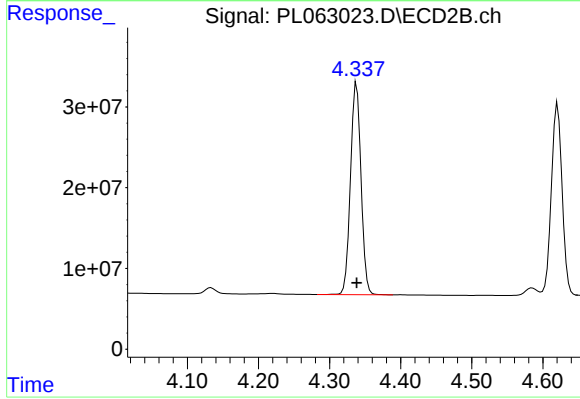
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 59124953  
Conc: 20.12 ng/ml



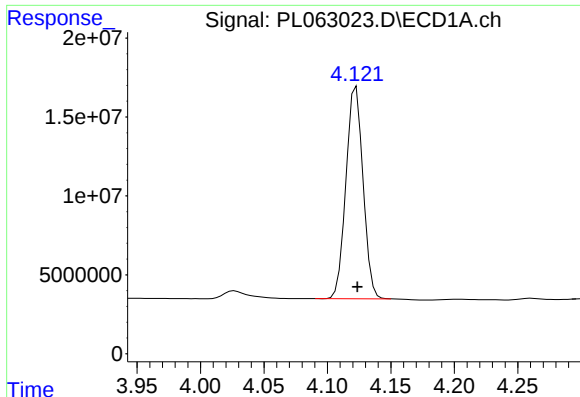
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: 0.000 min  
Response: 140590917  
Conc: 55.14 ng/ml



#2 alpha-BHC

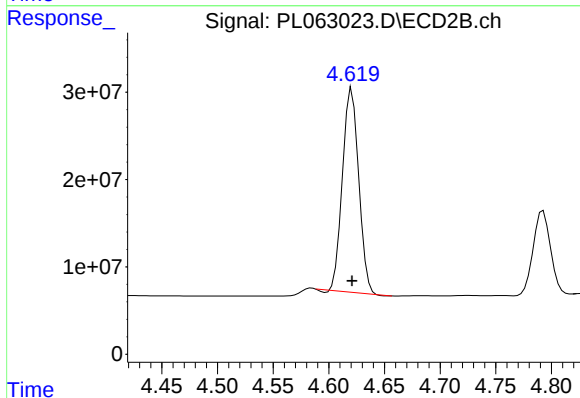
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 270638760  
Conc: 60.91 ng/ml



#3 gamma-BHC (Lindane)

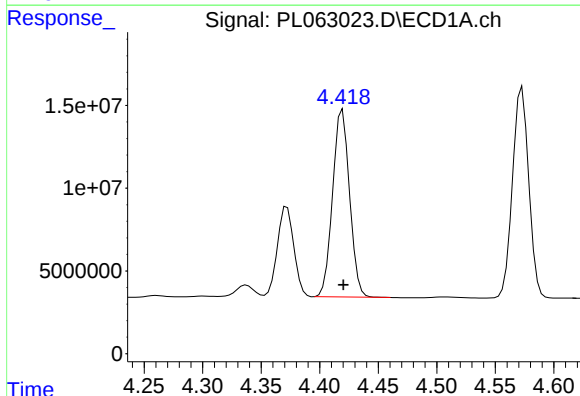
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 125503377  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



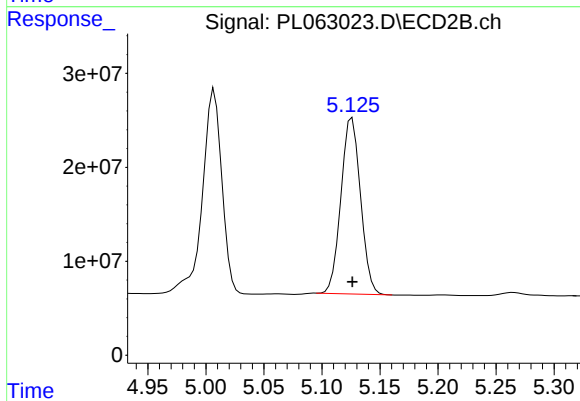
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 235183378  
Conc: 56.32 ng/ml



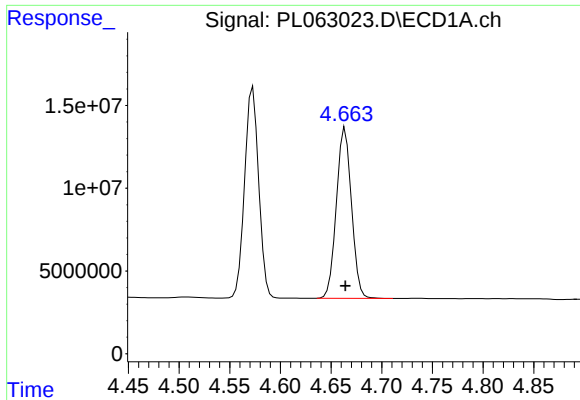
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 113687925  
Conc: 52.98 ng/ml



#4 Heptachlor

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 220007984  
Conc: 55.17 ng/ml



#5 Aldrin

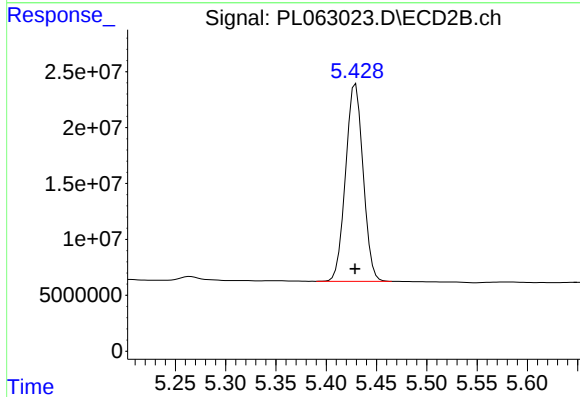
R.T.: 4.664 min

Delta R.T.: 0.000 min

Response: 106853544

Conc: 55.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



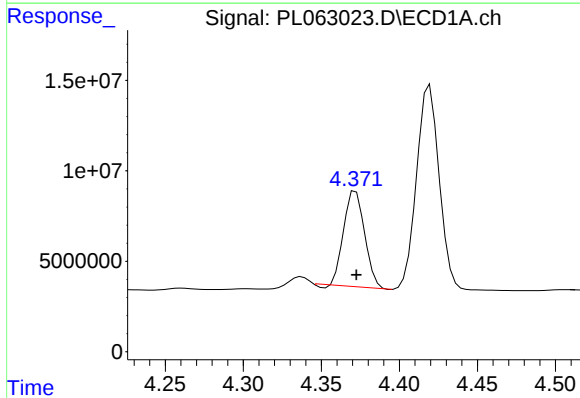
#5 Aldrin

R.T.: 5.429 min

Delta R.T.: 0.000 min

Response: 213392847

Conc: 58.96 ng/ml



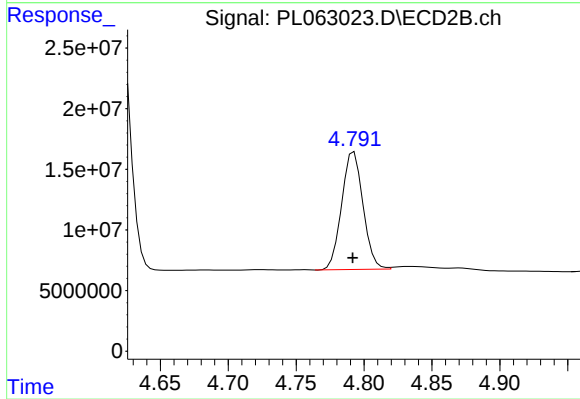
#6 beta-BHC

R.T.: 4.372 min

Delta R.T.: 0.000 min

Response: 49193964

Conc: 51.50 ng/ml



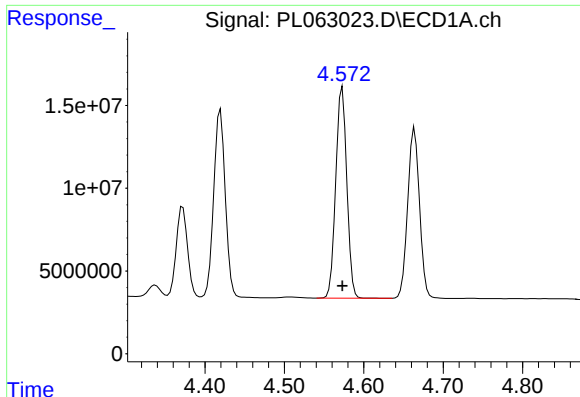
#6 beta-BHC

R.T.: 4.793 min

Delta R.T.: 0.000 min

Response: 106121606

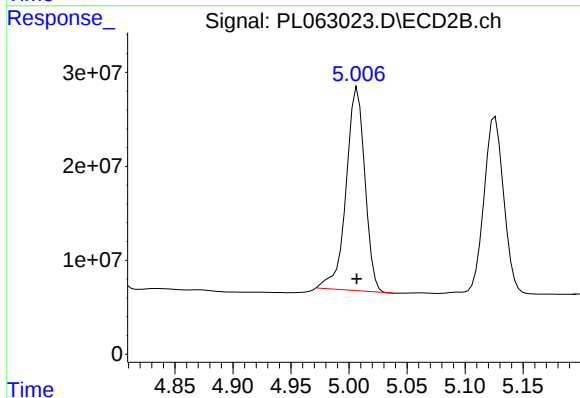
Conc: 56.36 ng/ml



#7 delta-BHC

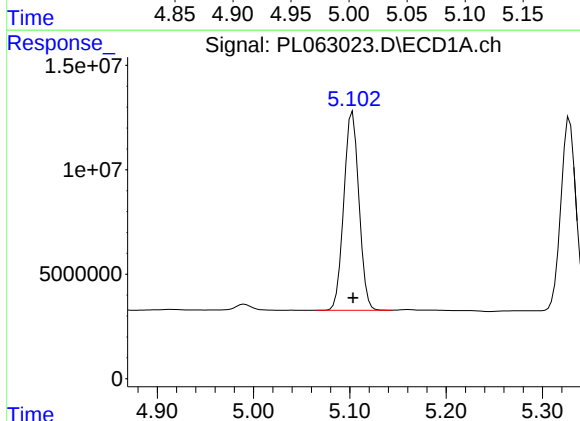
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 123253612  
Conc: 56.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



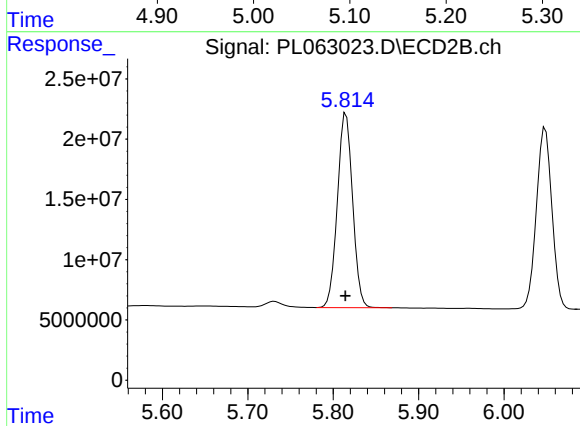
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 242294530  
Conc: 69.24 ng/ml



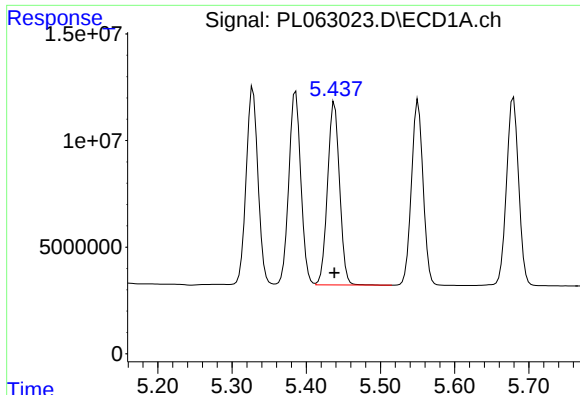
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 103235376  
Conc: 56.58 ng/ml



#8 Heptachlor epoxide

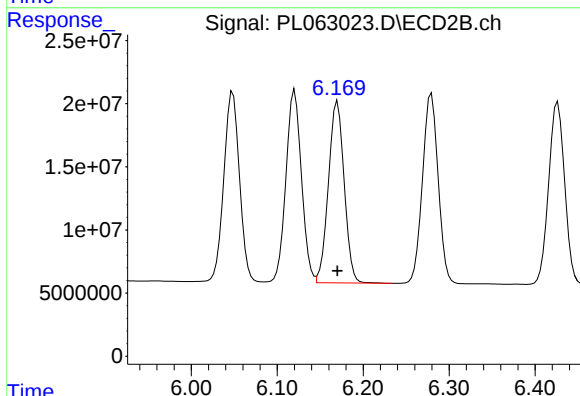
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 199834205  
Conc: 61.70 ng/ml



#9 Endosulfan I

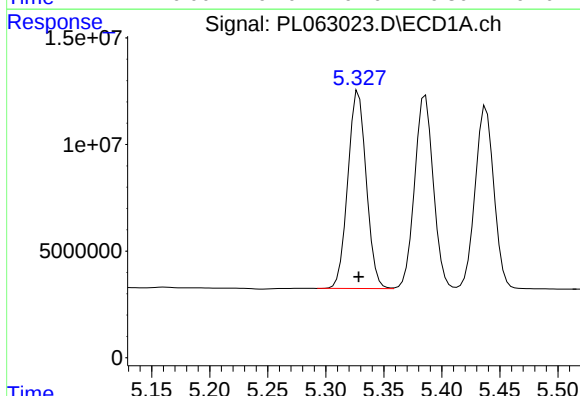
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 96448640  
Conc: 57.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



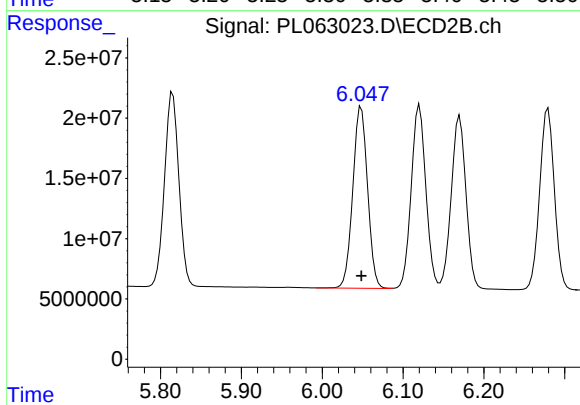
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 183183056  
Conc: 58.08 ng/ml



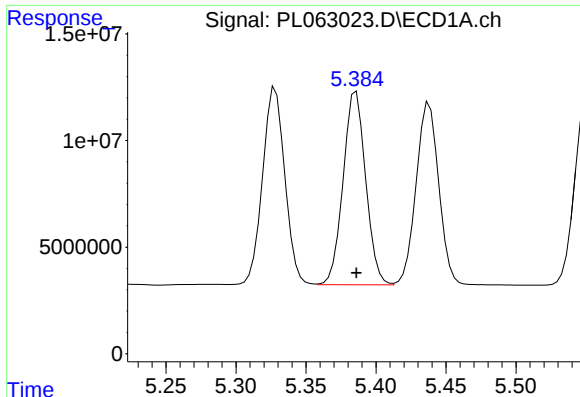
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 102221972  
Conc: 56.74 ng/ml



#10 gamma-Chlordane

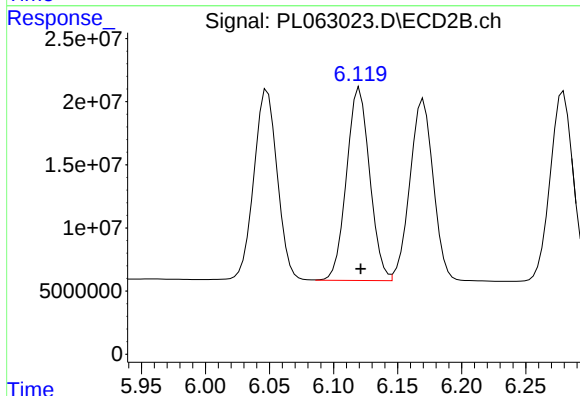
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 191621682  
Conc: 56.92 ng/ml



#11 alpha-Chlordane

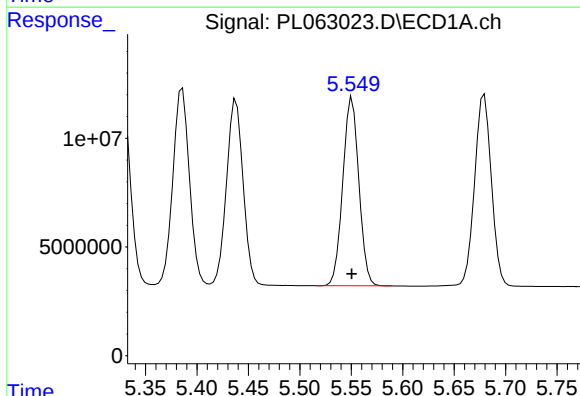
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 101586827  
Conc: 56.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



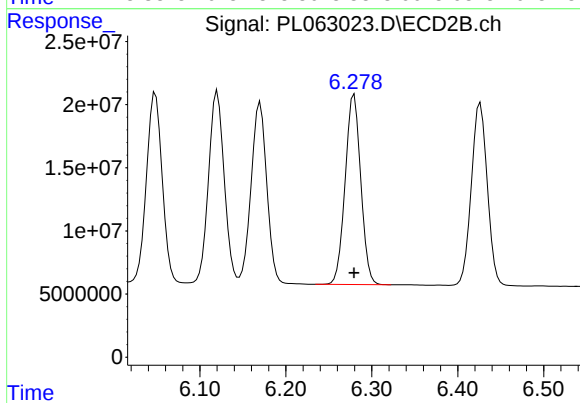
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 192296454  
Conc: 57.08 ng/ml



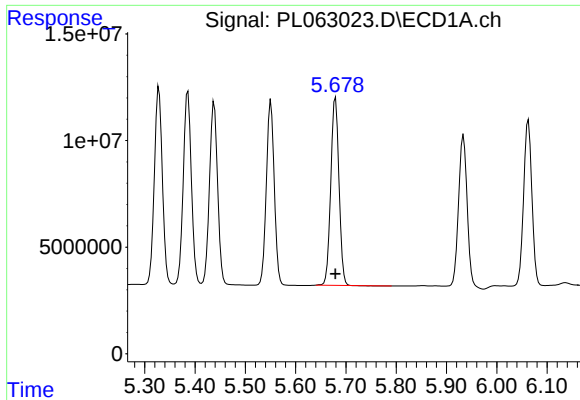
#12 4,4'-DDE

R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 94362952  
Conc: 57.04 ng/ml



#12 4,4'-DDE

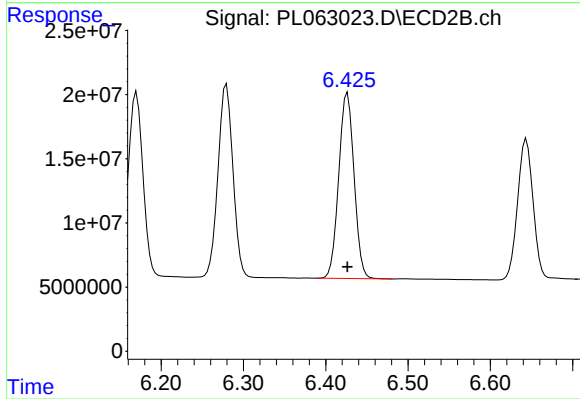
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 190268097  
Conc: 59.05 ng/ml



#13 Dieldrin

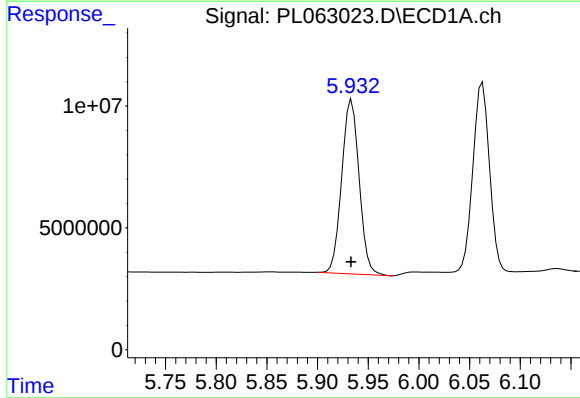
R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 99639503  
Conc: 56.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



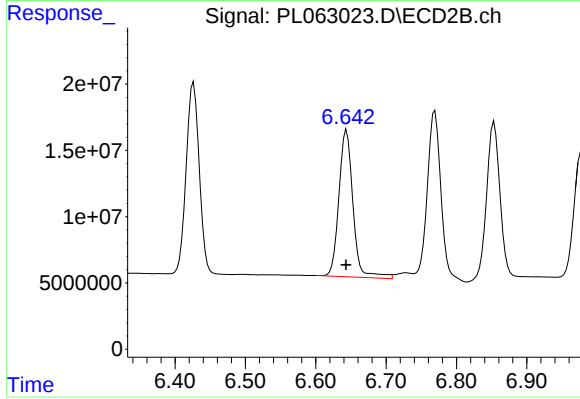
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 187102370  
Conc: 58.45 ng/ml



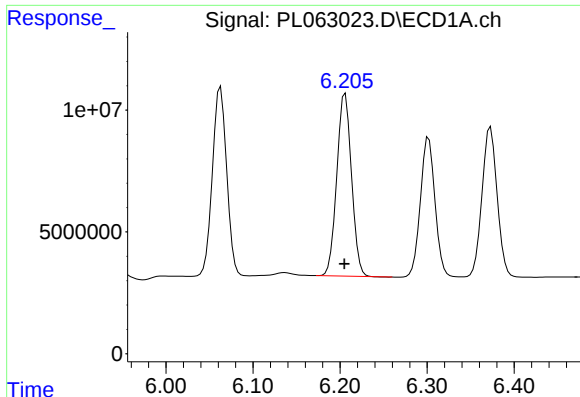
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 85603079  
Conc: 51.45 ng/ml



#14 Endrin

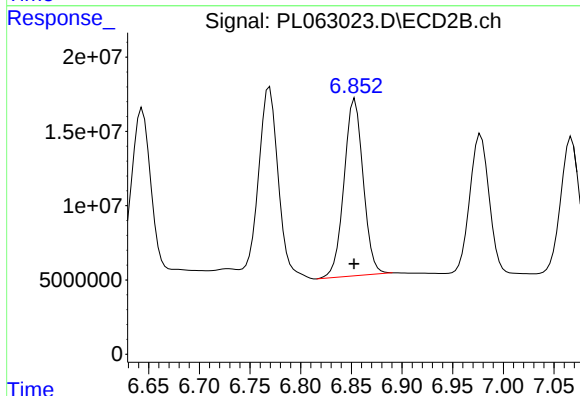
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 154125696  
Conc: 55.22 ng/ml



#15 Endosulfan II

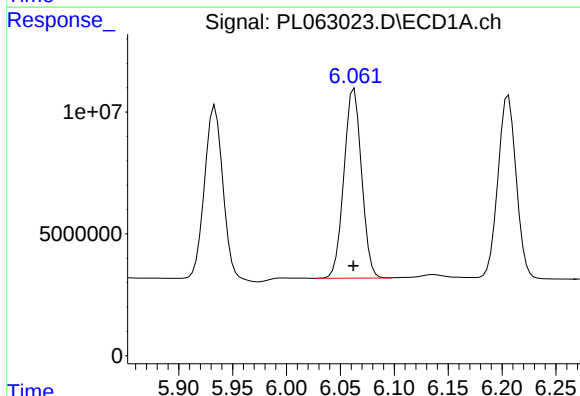
R.T.: 6.206 min  
Delta R.T.: 0.001 min  
Response: 88221068  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



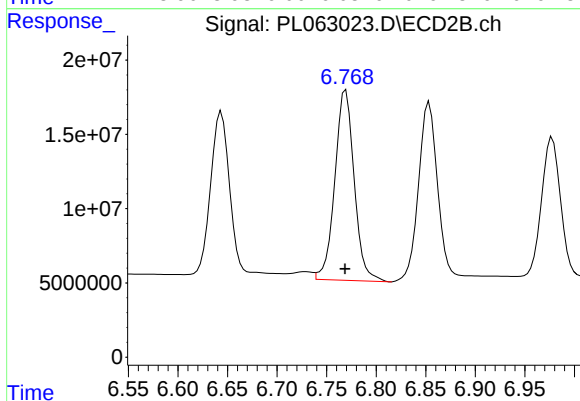
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 155854717  
Conc: 54.52 ng/ml



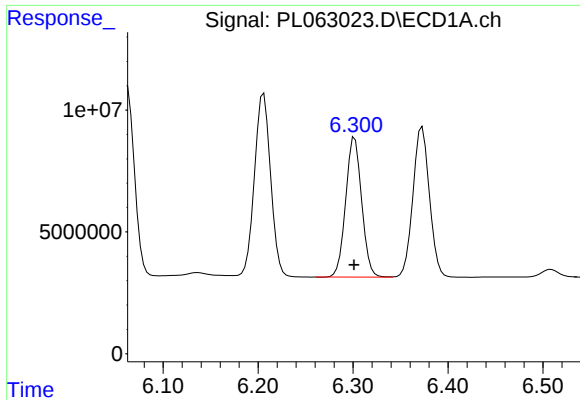
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 88930670  
Conc: 62.87 ng/ml



#16 4,4'-DDD

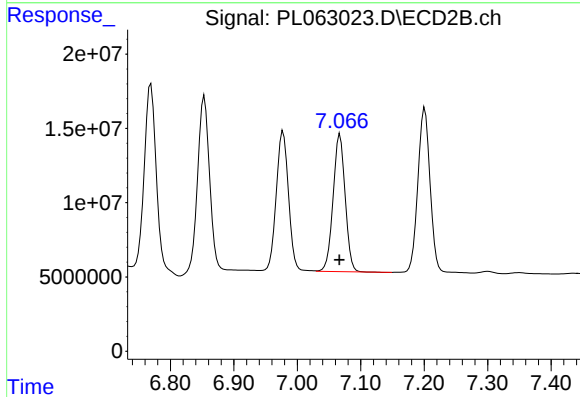
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 174055478  
Conc: 67.99 ng/ml



#17 4,4'-DDT

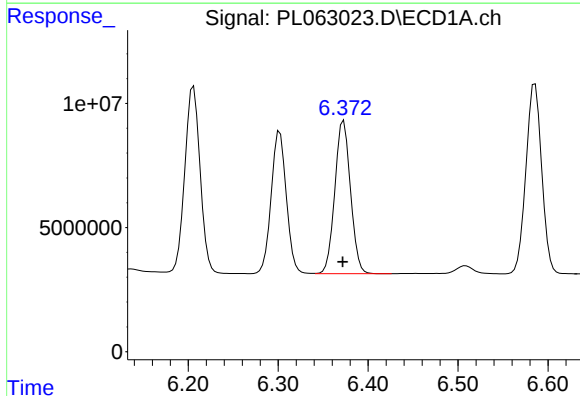
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 67120294  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



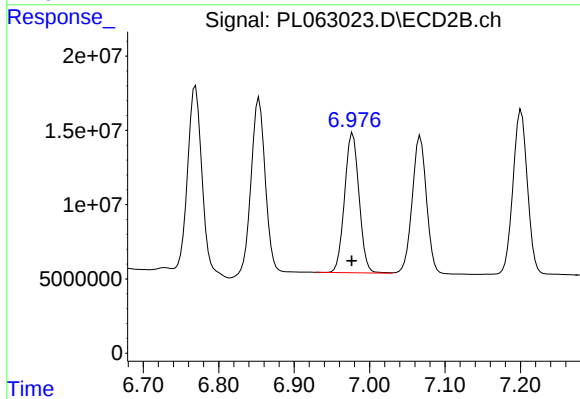
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.001 min  
Response: 121929810  
Conc: 54.31 ng/ml



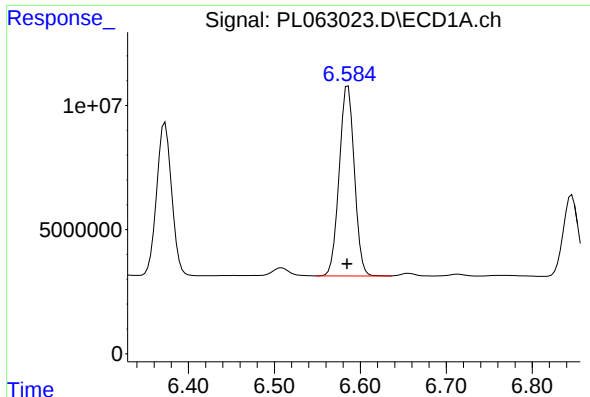
#18 Endrin aldehyde

R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 74650502  
Conc: 51.41 ng/ml



#18 Endrin aldehyde

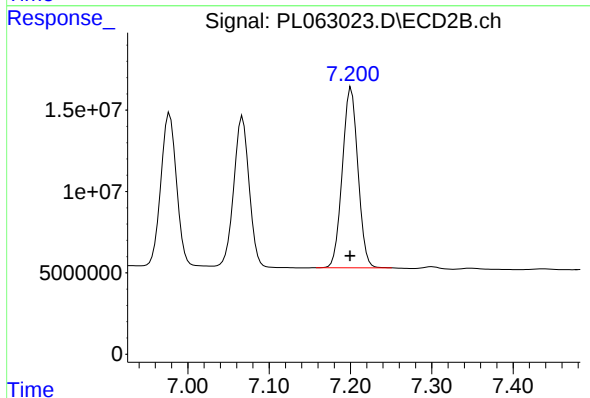
R.T.: 6.978 min  
Delta R.T.: 0.001 min  
Response: 125466199  
Conc: 55.01 ng/ml



#19 Endosulfan Sulfate

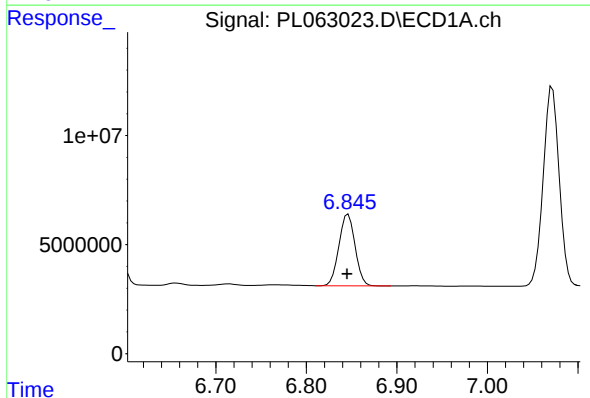
R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 93638891  
Conc: 56.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



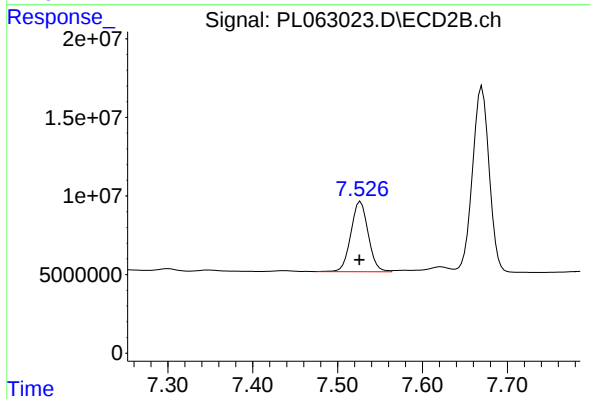
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: 0.002 min  
Response: 147076961  
Conc: 61.30 ng/ml



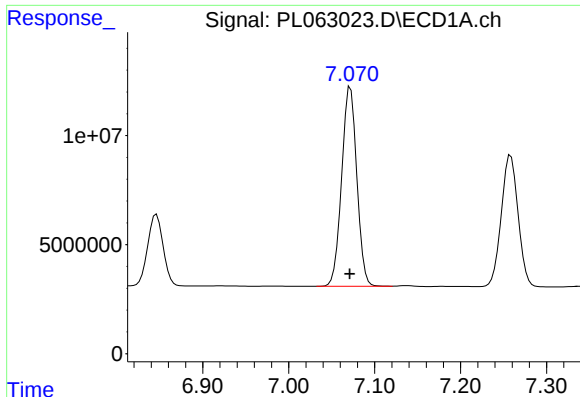
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 40710330  
Conc: 47.27 ng/ml



#20 Methoxychlor

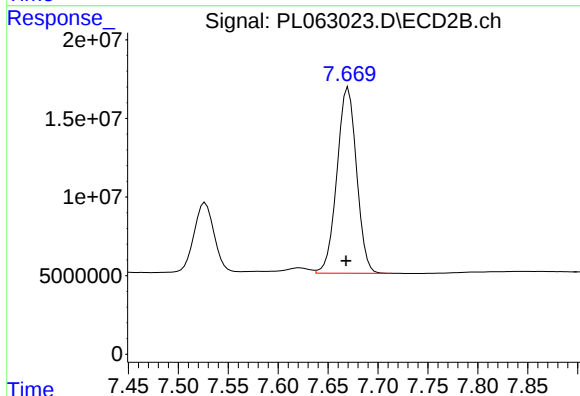
R.T.: 7.527 min  
Delta R.T.: 0.002 min  
Response: 63298798  
Conc: 51.23 ng/ml



#21 Endrin ketone

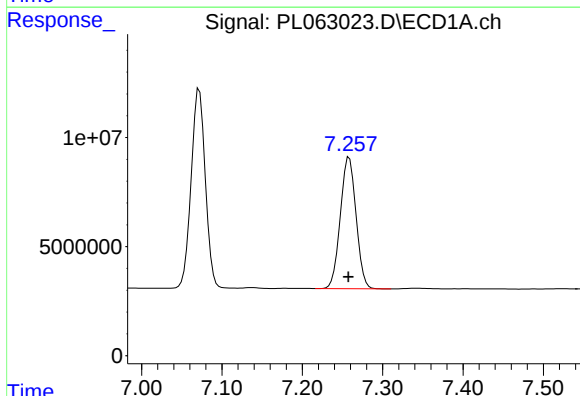
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 112255151  
Conc: 62.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



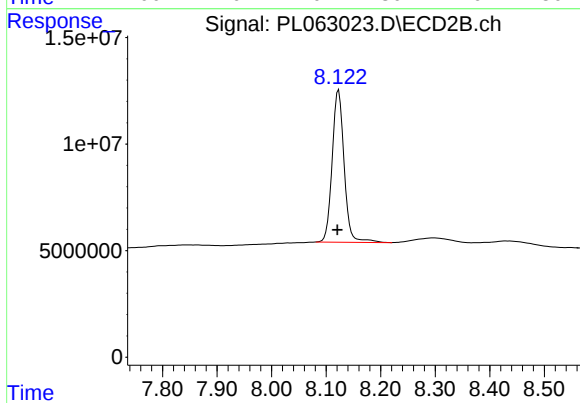
#21 Endrin ketone

R.T.: 7.670 min  
Delta R.T.: 0.002 min  
Response: 161393018  
Conc: 68.10 ng/ml



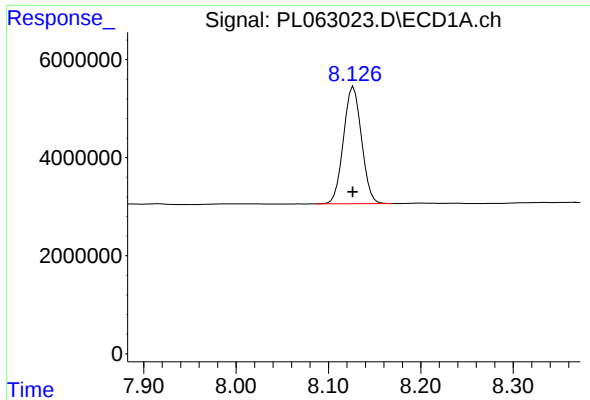
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.001 min  
Response: 82117763  
Conc: 57.92 ng/ml



#22 Mirex

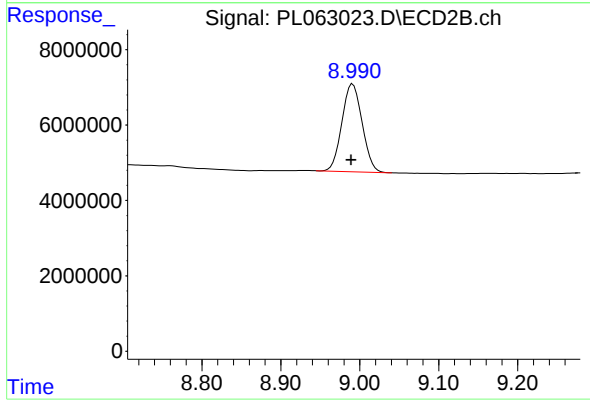
R.T.: 8.123 min  
Delta R.T.: 0.002 min  
Response: 109100654  
Conc: 64.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 32420797  
Conc: 20.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3-SMSD



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 41416797  
Conc: 19.79 ng/ml