

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041922\  
 Data File : PL074190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2022 18:07  
 Operator : AR\AJ  
 Sample : N2434-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RCA-EDISON-PILE-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 20 00:44:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 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... | 4.637  | 5.491  | 6882472  | 39461239 | 21.301 | 22.132 |
| 28)                         | SA Decachlor... | 10.410 | 11.336 | 10701178 | 39081810 | 20.578 | 22.126 |
| Target Compounds            |                 |        |        |          |          |        |        |
| 2)                          | A alpha-BHC     | 5.345  | 6.054  | 7928916  | 50087783 | 18.894 | 19.891 |
| 3)                          | MA gamma-BHC... | 5.769  | 6.443  | 7918941  | 47520418 | 18.882 | 20.075 |
| 4)                          | MA Heptachlor   | 6.180  | 7.103  | 8100750  | 50295298 | 17.983 | 19.282 |
| 5)                          | MB Aldrin       | 6.505  | 7.470  | 8099063  | 49404484 | 19.513 | 21.036 |
| 6)                          | B beta-BHC      | 6.149  | 6.680  | 3768590  | 22672912 | 18.444 | 20.118 |
| 7)                          | B delta-BHC     | 6.411  | 6.948  | 7843135  | 50156840 | 18.960 | 20.537 |
| 8)                          | B Heptachlo...  | 7.081  | 7.927  | 8330026  | 45675654 | 19.420 | 20.286 |
| 9)                          | A Endosulfan I  | 7.485  | 8.327  | 7987395  | 40741343 | 19.476 | 20.695 |
| 10)                         | B gamma-Chl...  | 7.359  | 8.195  | 8544341  | 45638571 | 19.481 | 20.462 |
| 11)                         | B alpha-Chl...  | 7.429  | 8.278  | 8662564  | 44786744 | 19.609 | 20.806 |
| 12)                         | B 4,4'-DDE      | 7.642  | 8.463  | 6990349  | 42512698 | 19.161 | 21.345 |
| 13)                         | MA Dieldrin     | 7.771  | 8.612  | 8158097  | 42775261 | 18.991 | 21.331 |
| 14)                         | MA Endrin       | 8.063  | 8.847  | 7443840  | 34535360 | 18.324 | 20.391 |
| 15)                         | B Endosulfa...  | 8.373  | 9.071  | 8361123  | 35794891 | 20.286 | 20.605 |
| 16)                         | A 4,4'-DDD      | 8.228  | 8.990  | 6438750  | 33004528 | 19.939 | 21.451 |
| 17)                         | MA 4,4'-DDT     | 8.490  | 9.309  | 6062771  | 29877447 | 16.402 | 16.855 |
| 18)                         | B Endrin al...  | 8.562  | 9.204  | 6832076  | 29597738 | 21.116 | 22.915 |
| 19)                         | B Endosulfa...  | 8.793  | 9.441  | 8474712  | 32962555 | 19.846 | 19.805 |
| 20)                         | A Methoxychlor  | 9.085  | 9.789  | 4503336  | 17168628 | 18.139 | 17.850 |
| 21)                         | B Endrin ke...  | 9.312  | 9.930  | 9741956  | 35781918 | 19.940 | 20.672 |
| 22)                         | Mirex           | 9.499  | 10.407 | 9237867  | 28456265 | 19.807 | 20.659 |
| -----                       |                 |        |        |          |          |        |        |

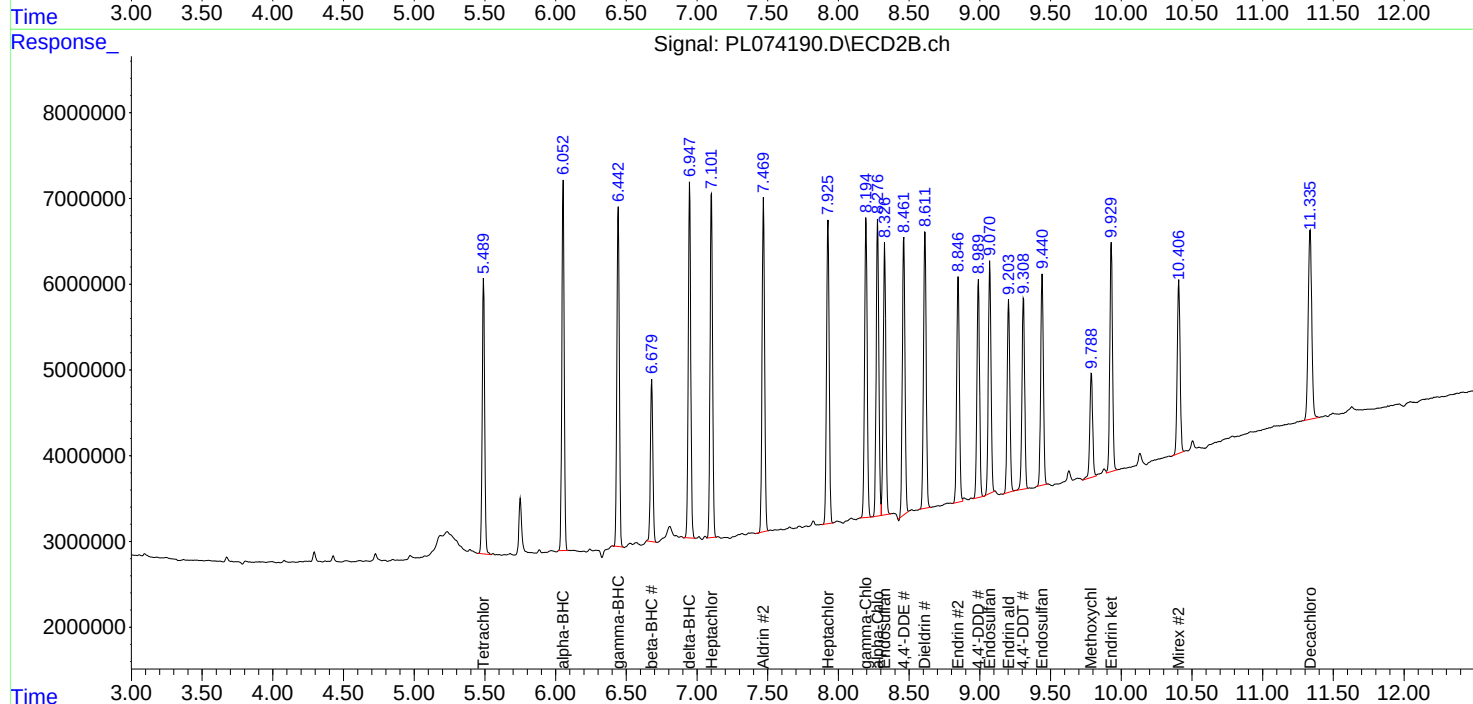
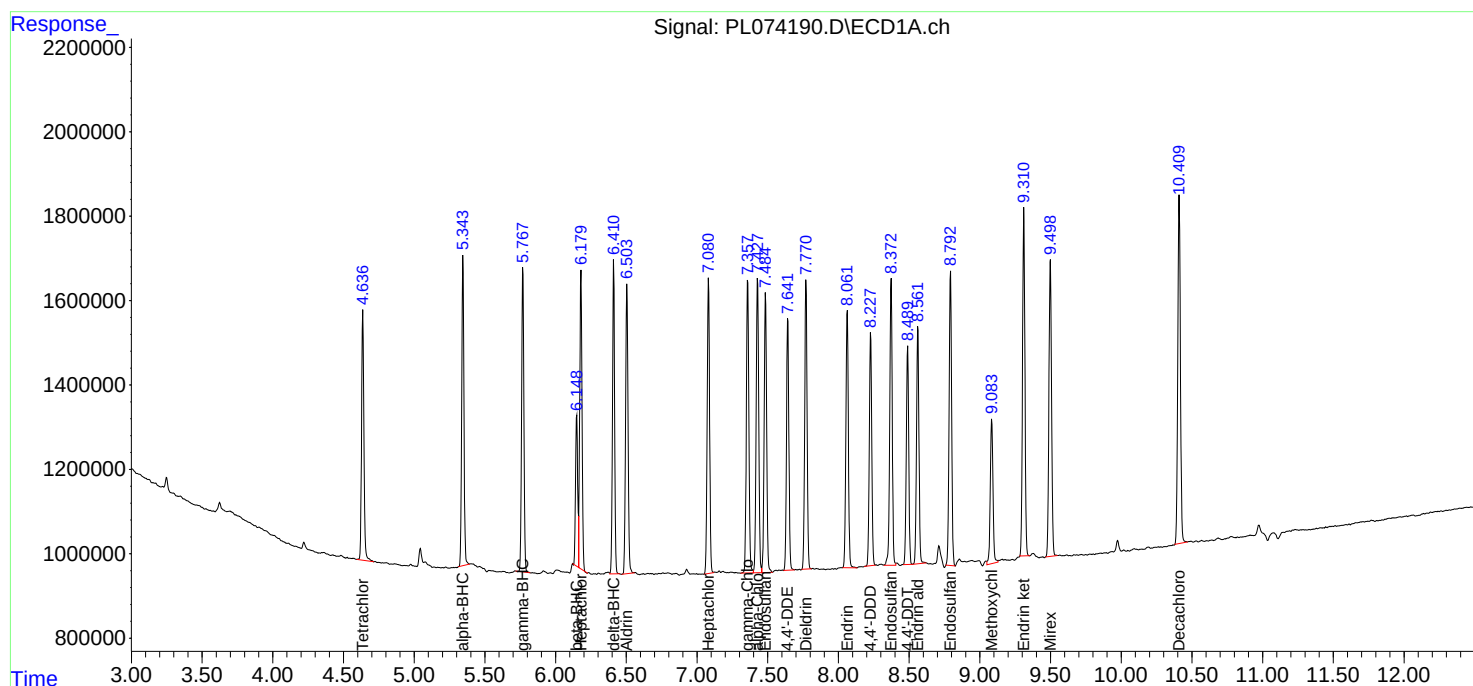
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

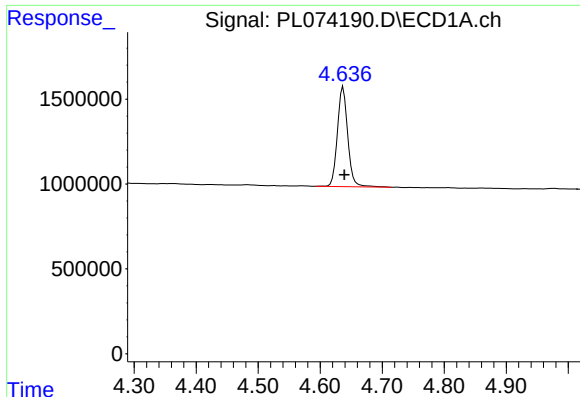
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041922\  
Data File : PL074190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2022 18:07  
Operator : AR\AJ  
Sample : N2434-02MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 20 00:44:01 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 14 09:29:23 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

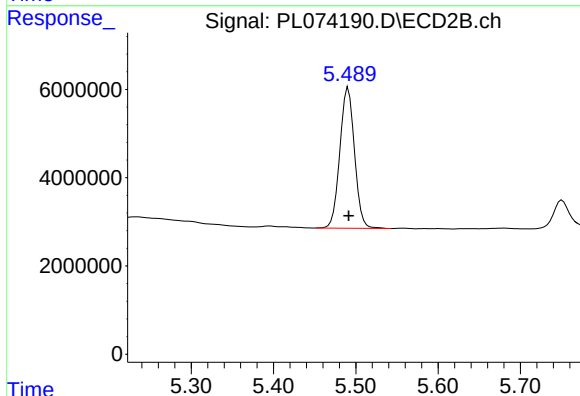




#1 Tetrachloro-m-xylene

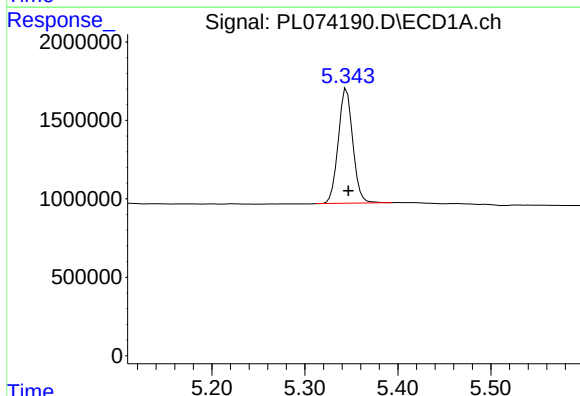
R.T.: 4.637 min  
Delta R.T.: -0.002 min  
Response: 6882472  
Conc: 21.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



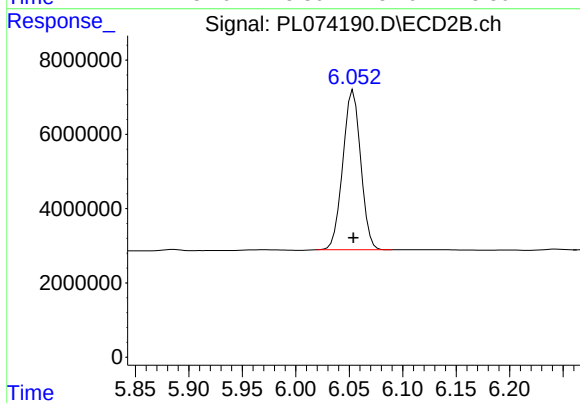
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 39461239  
Conc: 22.13 ng/ml



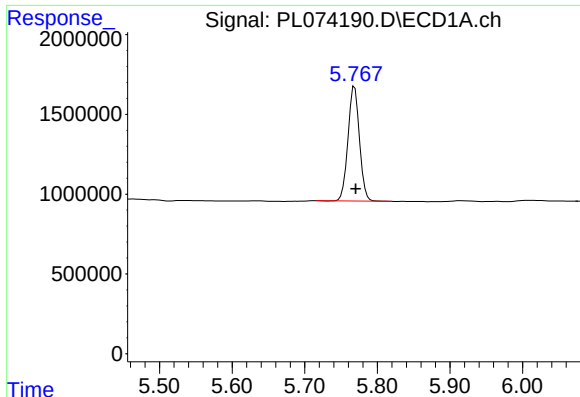
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 7928916  
Conc: 18.89 ng/ml



#2 alpha-BHC

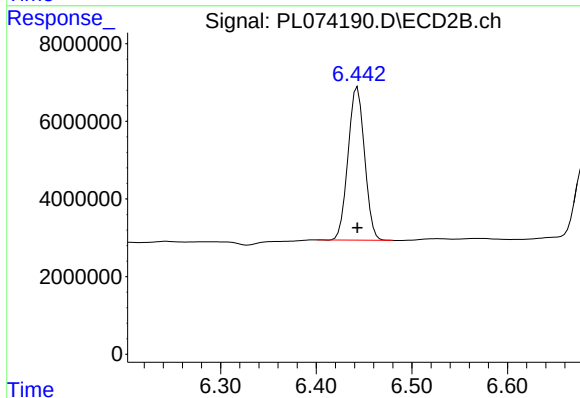
R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 50087783  
Conc: 19.89 ng/ml



#3 gamma-BHC (Lindane)

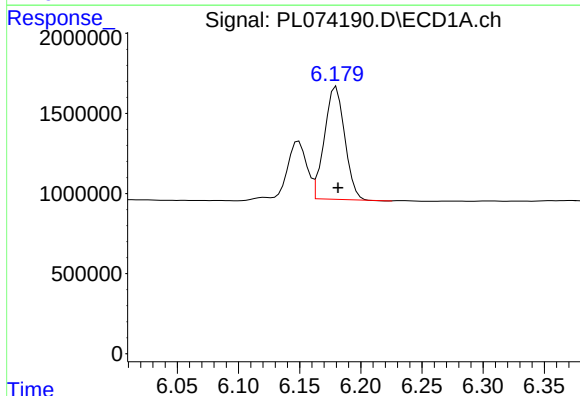
R.T.: 5.769 min  
Delta R.T.: -0.001 min  
Response: 7918941  
Conc: 18.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



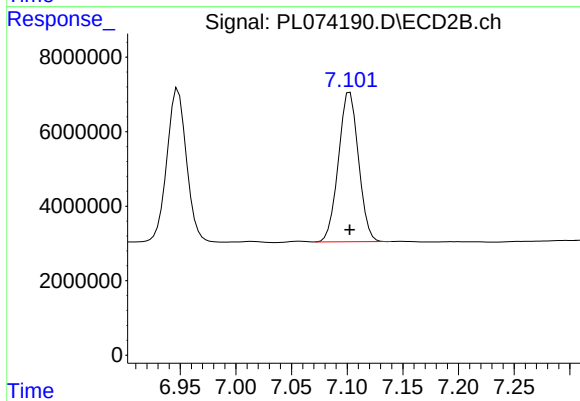
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 47520418  
Conc: 20.08 ng/ml



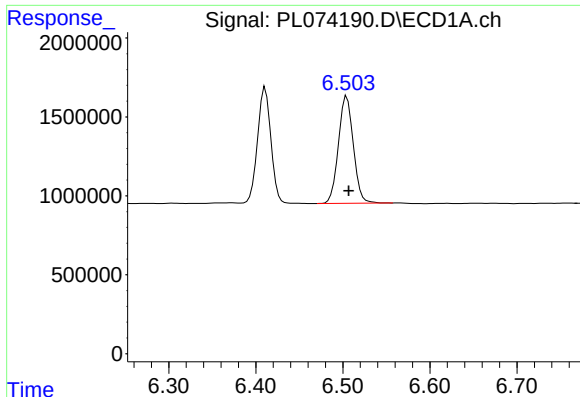
#4 Heptachlor

R.T.: 6.180 min  
Delta R.T.: -0.001 min  
Response: 8100750  
Conc: 17.98 ng/ml



#4 Heptachlor

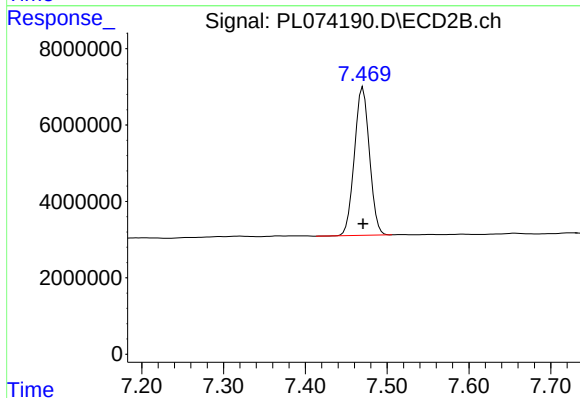
R.T.: 7.103 min  
Delta R.T.: 0.000 min  
Response: 50295298  
Conc: 19.28 ng/ml



#5 Aldrin

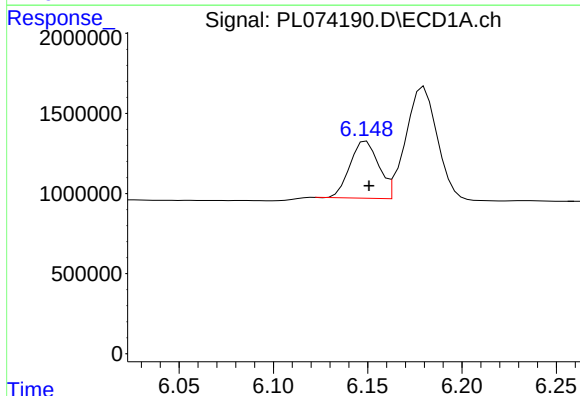
R.T.: 6.505 min  
Delta R.T.: -0.002 min  
Response: 8099063  
Conc: 19.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



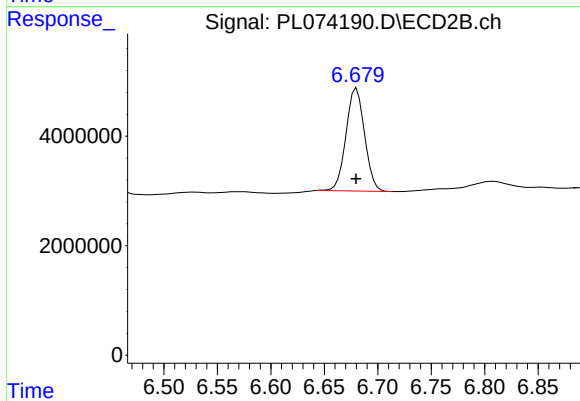
#5 Aldrin

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 49404484  
Conc: 21.04 ng/ml



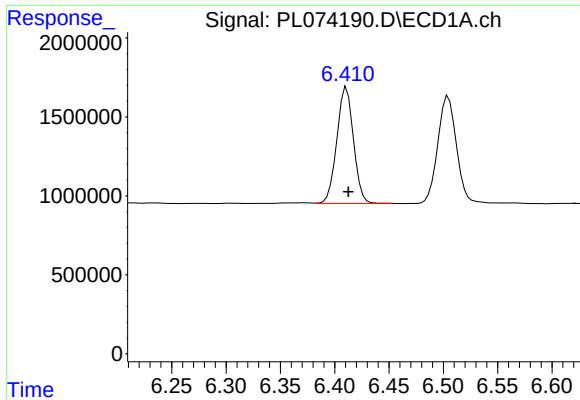
#6 beta-BHC

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 3768590  
Conc: 18.44 ng/ml



#6 beta-BHC

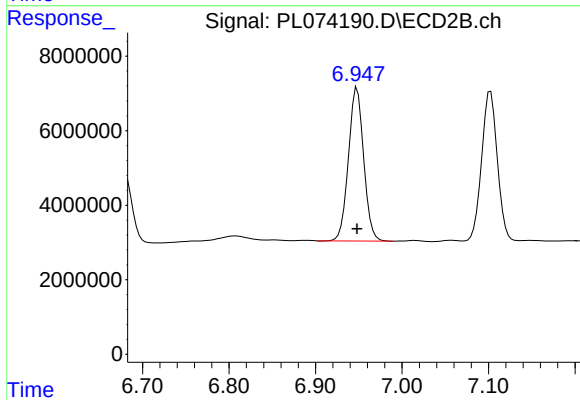
R.T.: 6.680 min  
Delta R.T.: 0.000 min  
Response: 22672912  
Conc: 20.12 ng/ml



#7 delta-BHC

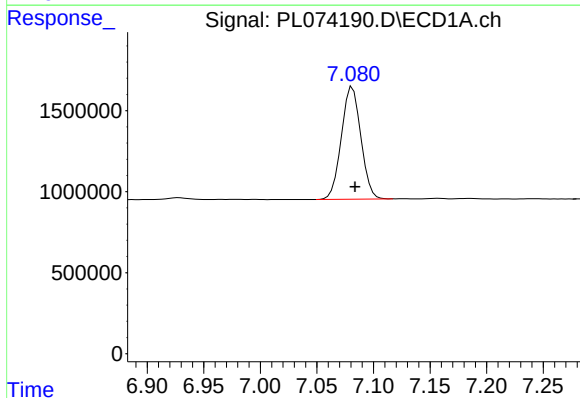
R.T.: 6.411 min  
Delta R.T.: -0.001 min  
Response: 7843135  
Conc: 18.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



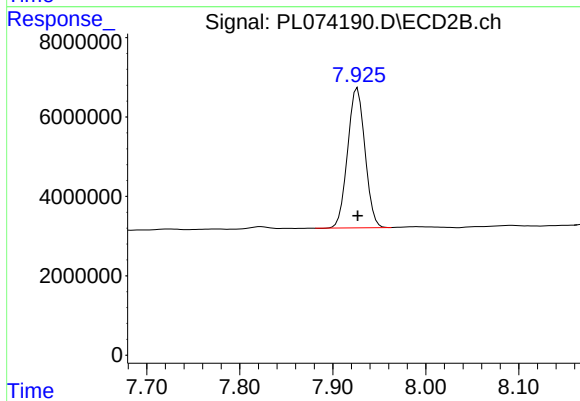
#7 delta-BHC

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 50156840  
Conc: 20.54 ng/ml



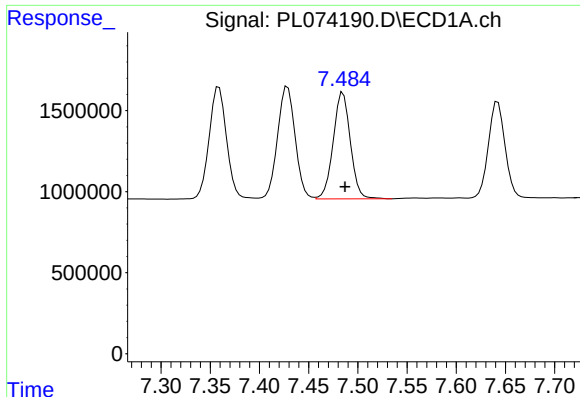
#8 Heptachlor epoxide

R.T.: 7.081 min  
Delta R.T.: -0.002 min  
Response: 8330026  
Conc: 19.42 ng/ml



#8 Heptachlor epoxide

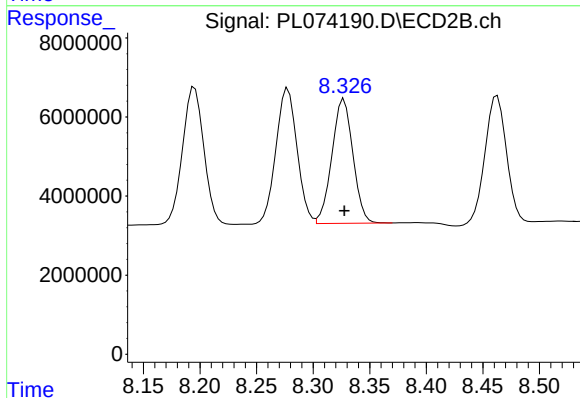
R.T.: 7.927 min  
Delta R.T.: 0.000 min  
Response: 45675654  
Conc: 20.29 ng/ml



#9 Endosulfan I

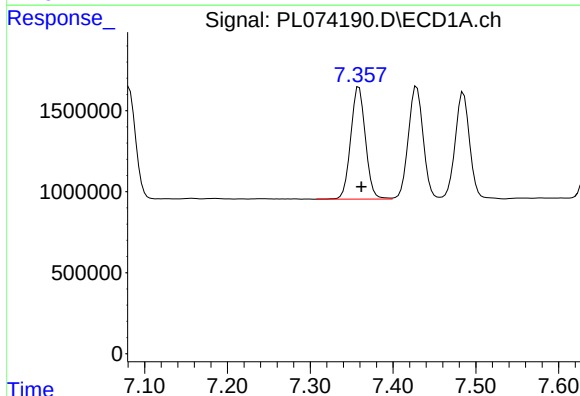
R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 7987395  
Conc: 19.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



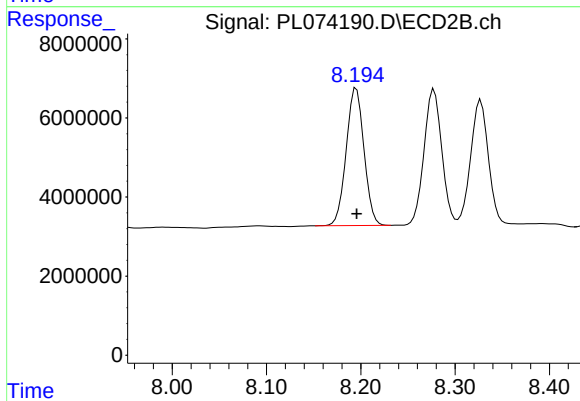
#9 Endosulfan I

R.T.: 8.327 min  
Delta R.T.: 0.000 min  
Response: 40741343  
Conc: 20.69 ng/ml



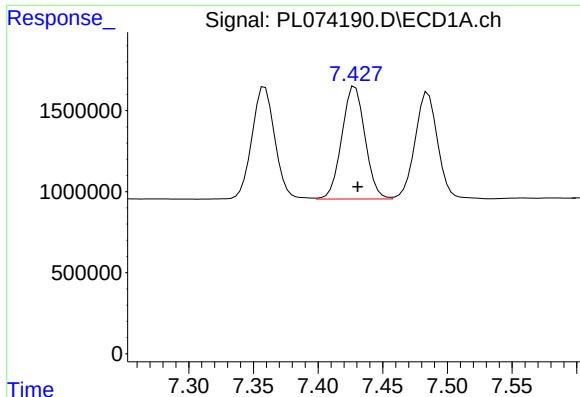
#10 gamma-Chlordane

R.T.: 7.359 min  
Delta R.T.: -0.003 min  
Response: 8544341  
Conc: 19.48 ng/ml



#10 gamma-Chlordane

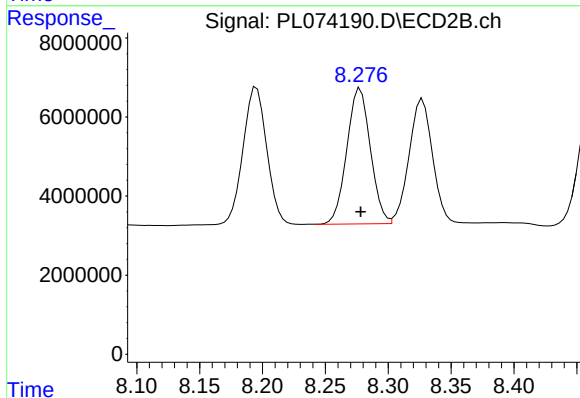
R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 45638571  
Conc: 20.46 ng/ml



#11 alpha-Chlordane

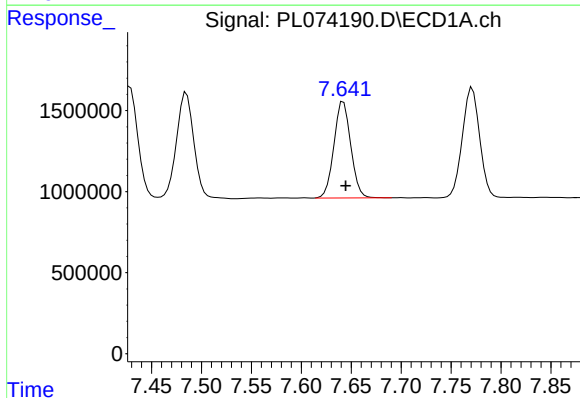
R.T.: 7.429 min  
Delta R.T.: -0.002 min  
Response: 8662564  
Conc: 19.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



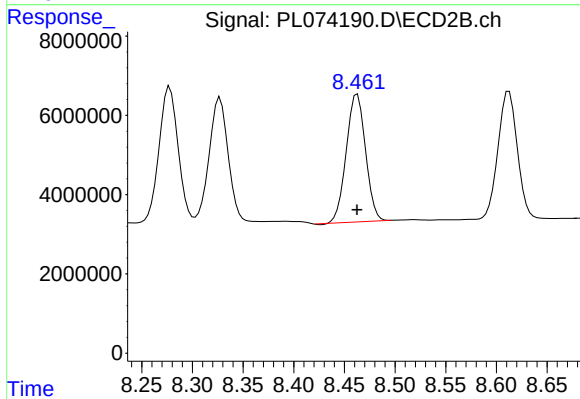
#11 alpha-Chlordane

R.T.: 8.278 min  
Delta R.T.: 0.000 min  
Response: 44786744  
Conc: 20.81 ng/ml



#12 4,4'-DDE

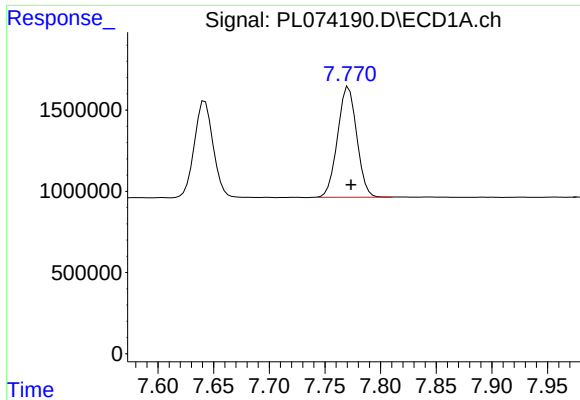
R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 6990349  
Conc: 19.16 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min  
Delta R.T.: 0.000 min  
Response: 42512698  
Conc: 21.34 ng/ml

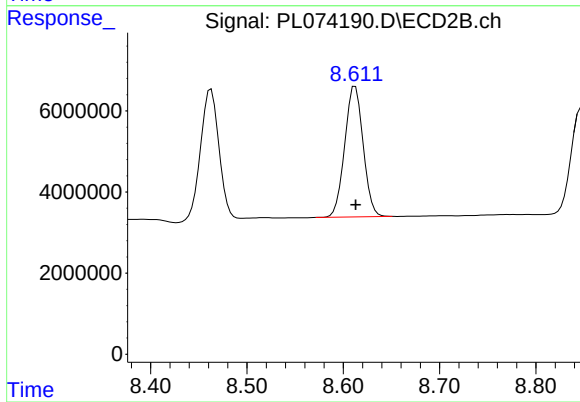




#13 Dieldrin

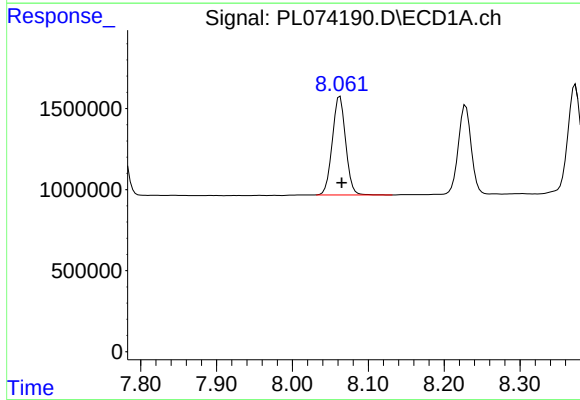
R.T.: 7.771 min  
Delta R.T.: -0.002 min  
Response: 8158097  
Conc: 18.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



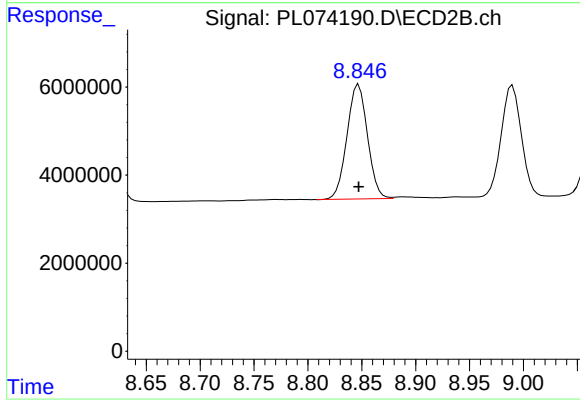
#13 Dieldrin

R.T.: 8.612 min  
Delta R.T.: 0.000 min  
Response: 42775261  
Conc: 21.33 ng/ml



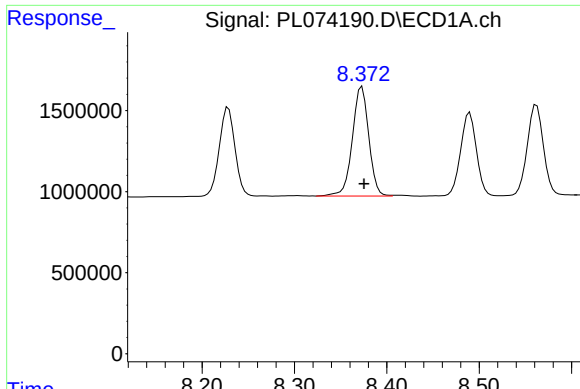
#14 Endrin

R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 7443840  
Conc: 18.32 ng/ml



#14 Endrin

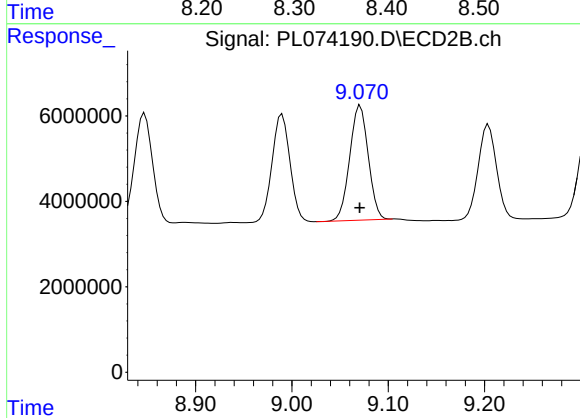
R.T.: 8.847 min  
Delta R.T.: 0.000 min  
Response: 34535360  
Conc: 20.39 ng/ml



#15 Endosulfan II

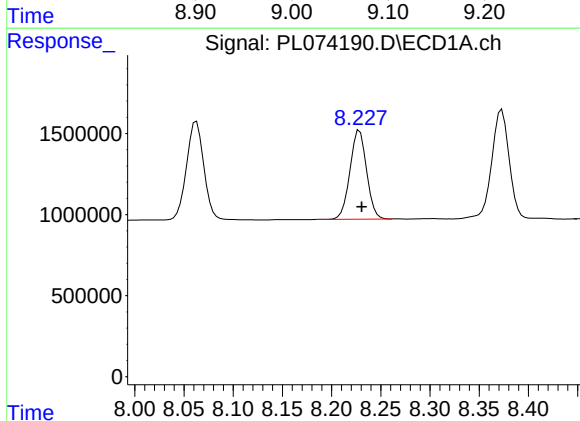
R.T.: 8.373 min  
Delta R.T.: -0.002 min  
Response: 8361123  
Conc: 20.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



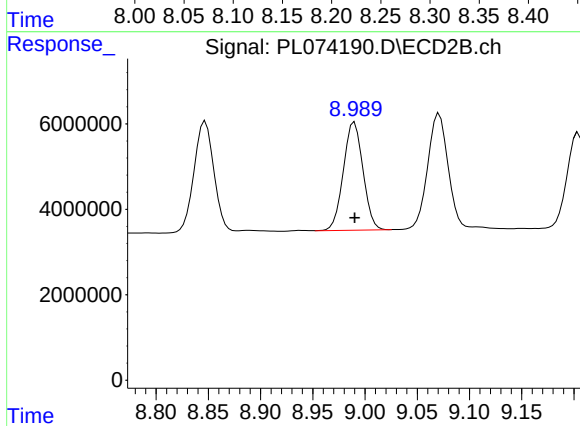
#15 Endosulfan II

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 35794891  
Conc: 20.60 ng/ml



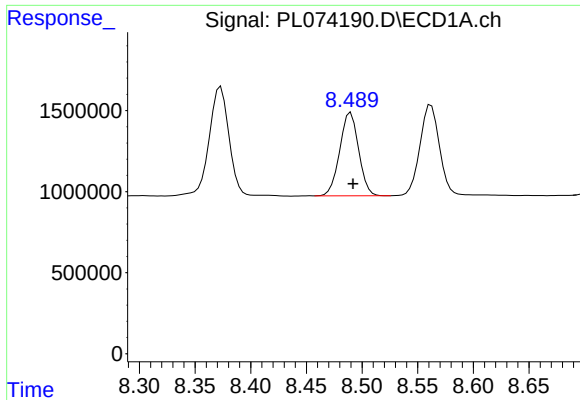
#16 4,4'-DDD

R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 6438750  
Conc: 19.94 ng/ml



#16 4,4'-DDD

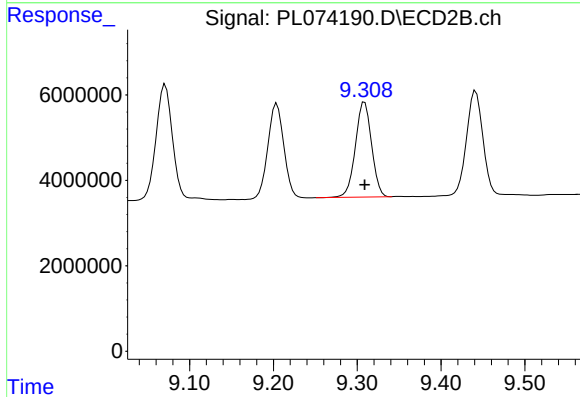
R.T.: 8.990 min  
Delta R.T.: 0.000 min  
Response: 33004528  
Conc: 21.45 ng/ml



#17 4,4'-DDT

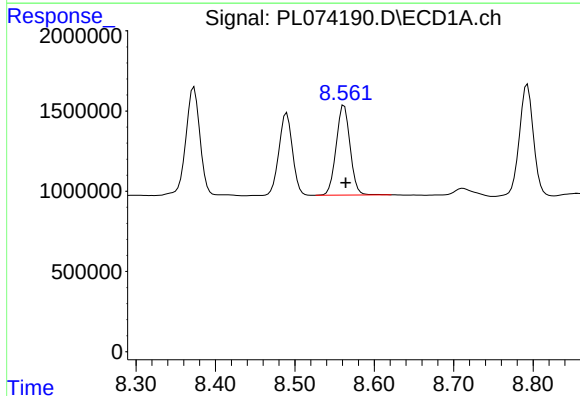
R.T.: 8.490 min  
Delta R.T.: -0.002 min  
Response: 6062771  
Conc: 16.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



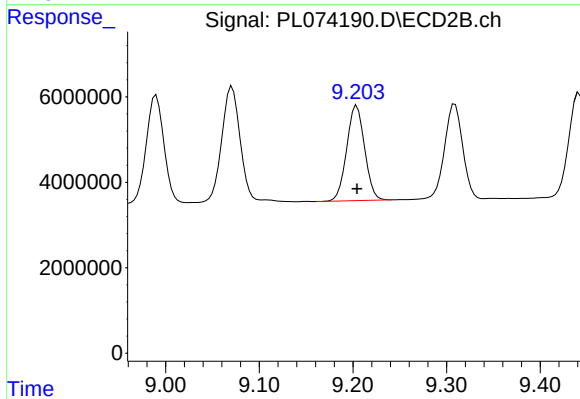
#17 4,4'-DDT

R.T.: 9.309 min  
Delta R.T.: 0.000 min  
Response: 29877447  
Conc: 16.85 ng/ml



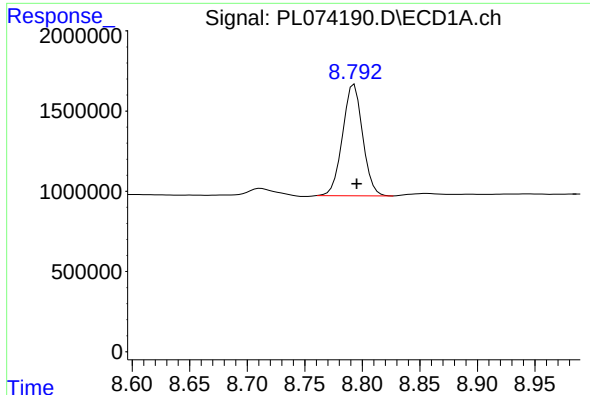
#18 Endrin aldehyde

R.T.: 8.562 min  
Delta R.T.: -0.002 min  
Response: 6832076  
Conc: 21.12 ng/ml



#18 Endrin aldehyde

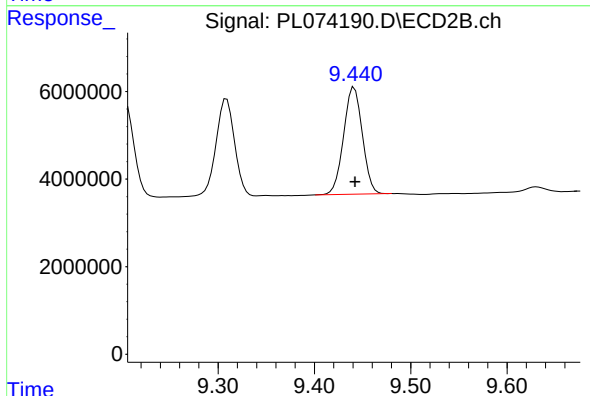
R.T.: 9.204 min  
Delta R.T.: 0.000 min  
Response: 29597738  
Conc: 22.92 ng/ml



#19 Endosulfan Sulfate

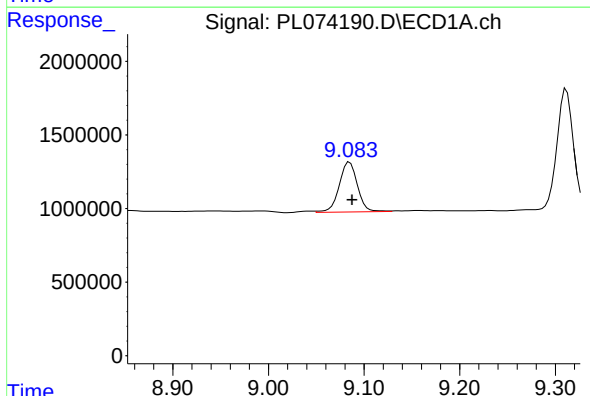
R.T.: 8.793 min  
Delta R.T.: -0.002 min  
Response: 8474712  
Conc: 19.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



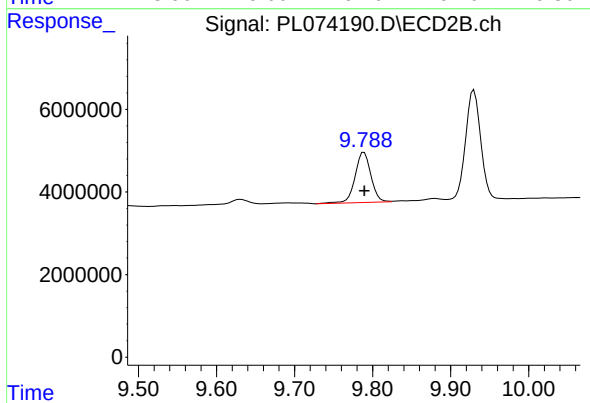
#19 Endosulfan Sulfate

R.T.: 9.441 min  
Delta R.T.: 0.000 min  
Response: 32962555  
Conc: 19.81 ng/ml



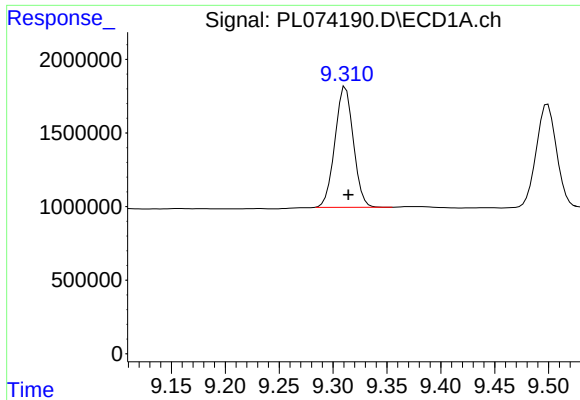
#20 Methoxychlor

R.T.: 9.085 min  
Delta R.T.: -0.003 min  
Response: 4503336  
Conc: 18.14 ng/ml



#20 Methoxychlor

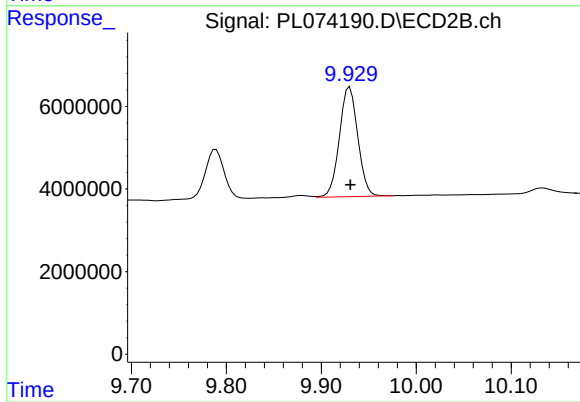
R.T.: 9.789 min  
Delta R.T.: 0.000 min  
Response: 17168628  
Conc: 17.85 ng/ml



#21 Endrin ketone

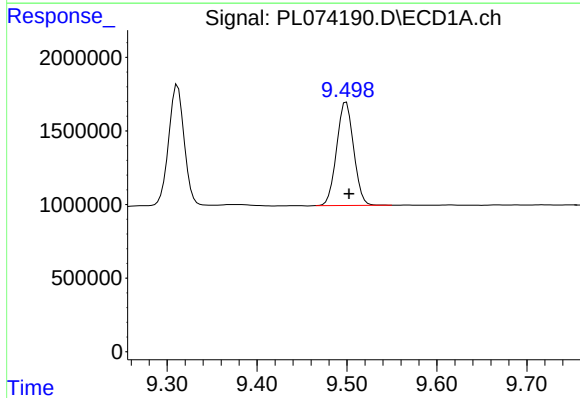
R.T.: 9.312 min  
Delta R.T.: -0.003 min  
Response: 9741956  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



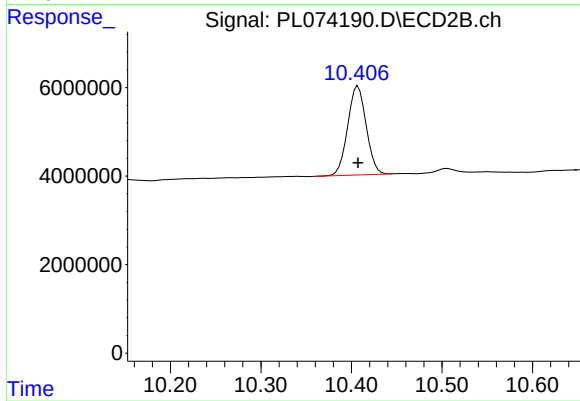
#21 Endrin ketone

R.T.: 9.930 min  
Delta R.T.: 0.000 min  
Response: 35781918  
Conc: 20.67 ng/ml



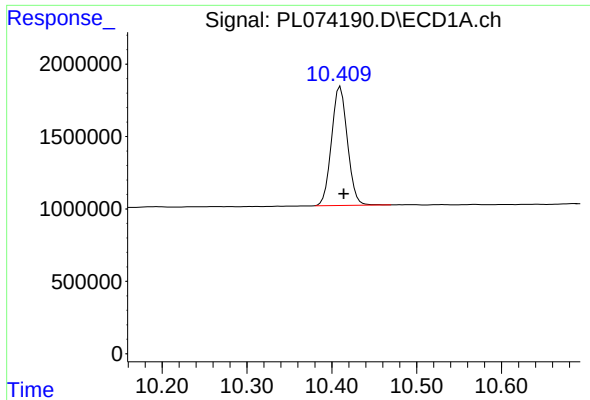
#22 Mirex

R.T.: 9.499 min  
Delta R.T.: -0.003 min  
Response: 9237867  
Conc: 19.81 ng/ml



#22 Mirex

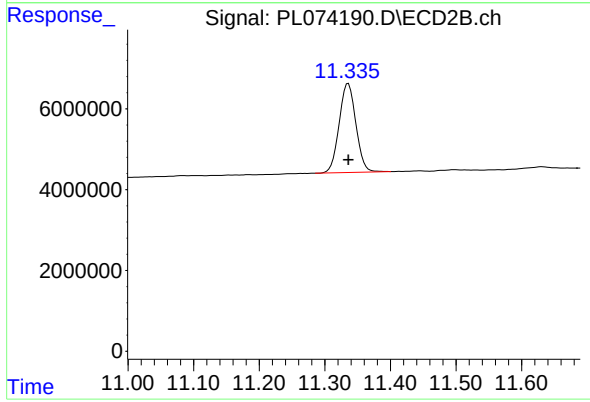
R.T.: 10.407 min  
Delta R.T.: 0.000 min  
Response: 28456265  
Conc: 20.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.410 min  
Delta R.T.: -0.004 min  
Response: 10701178  
Conc: 20.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RCA-EDISON-PILE-1MSD



#28 Decachlorobiphenyl

R.T.: 11.336 min  
Delta R.T.: 0.000 min  
Response: 39081810  
Conc: 22.13 ng/ml