

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071024\  
 Data File : PL090474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2024 15:52  
 Operator : AR\AJ  
 Sample : P3187-05MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-2MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 01:39:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 25 11:05:38 2024  
 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... | 3.545  | 2.788 | 41696199 | 34696129 | 18.372   | 21.935    |
| 28)                         | SA Decachlor... | 9.056  | 7.931 | 27067192 | 29169764 | 17.551   | 19.555    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.000  | 3.292 | 122.8E6  | 108.4E6  | 39.143   | 48.491    |
| 3)                          | MA gamma-BHC... | 4.332  | 3.622 | 117.6E6  | 107.4E6  | 39.130   | 50.228 #  |
| 4)                          | MA Heptachlor   | 4.922  | 3.962 | 119.1E6  | 98302594 | 42.858   | 47.287    |
| 5)                          | MB Aldrin       | 5.263  | 4.243 | 128.5E6  | 100.2E6  | 46.946   | 50.642    |
| 6)                          | B beta-BHC      | 4.528  | 3.919 | 50803969 | 46233892 | 37.717   | 47.892 #  |
| 7)                          | B delta-BHC     | 4.775  | 4.150 | 114.5E6  | 102.5E6  | 40.610   | 50.518    |
| 8)                          | B Heptachlo...  | 5.689  | 4.745 | 101.9E6  | 90032657 | 39.973   | 49.007    |
| 9)                          | A Endosulfan I  | 6.074  | 5.116 | 94057863 | 76771340 | 39.942   | 44.369    |
| 10)                         | B gamma-Chl...  | 5.944  | 4.995 | 100.1E6  | 89904143 | 39.627   | 46.909    |
| 11)                         | B alpha-Chl...  | 6.023  | 5.059 | 98567383 | 89974567 | 39.516   | 46.977    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.248 | 78098640 | 80645500 | 35.776   | 48.683 #  |
| 13)                         | MA Dieldrin     | 6.348  | 5.380 | 92093880 | 87705877 | 37.668   | 47.552 #  |
| 14)                         | MA Endrin       | 6.578  | 5.655 | 77972270 | 75979120 | 36.774   | 45.949    |
| 15)                         | B Endosulfa...  | 6.797  | 5.949 | 83704125 | 76586931 | 37.856   | 46.678    |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.802 | 75109102 | 66632961 | 40.997   | 48.615    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.053 | 70337468 | 67041080 | 36.654   | 45.294    |
| 18)                         | B Endrin al...  | 6.926  | 6.128 | 63056327 | 56168511 | 37.347   | 44.106    |
| 19)                         | B Endosulfa...  | 7.160  | 6.350 | 76908242 | 71834881 | 38.829   | 45.938    |
| 20)                         | A Methoxychlor  | 7.501  | 6.628 | 39514030 | 36900742 | 38.343   | 44.231    |
| 21)                         | B Endrin ke...  | 7.644  | 6.856 | 83945424 | 81703799 | 38.701   | 45.632    |
| 22)                         | Mirex           | 8.119  | 7.038 | 66033019 | 62786828 | 37.978   | 41.114    |
| 23)                         | Chlordane-1     | 0.000  | 3.799 | 0        | 1944520  | N.D.     | 31.937 #  |
| 24)                         | Chlordane-2     | 5.263f | 4.379 | 128.5E6  | 358239   | 1083.425 | 5.069 #   |
| 25)                         | Chlordane-3     | 5.944  | 4.995 | 100.1E6  | 89904143 | 272.342  | 445.268 # |
| 26)                         | Chlordane-4     | 6.023  | 5.059 | 98567383 | 89974567 | 220.949  | 471.269 # |
| 27)                         | Chlordane-5     | 6.858f | 5.742 | 1218632  | 440465   | 13.530   | 7.292 #   |
| -----                       |                 |        |       |          |          |          |           |

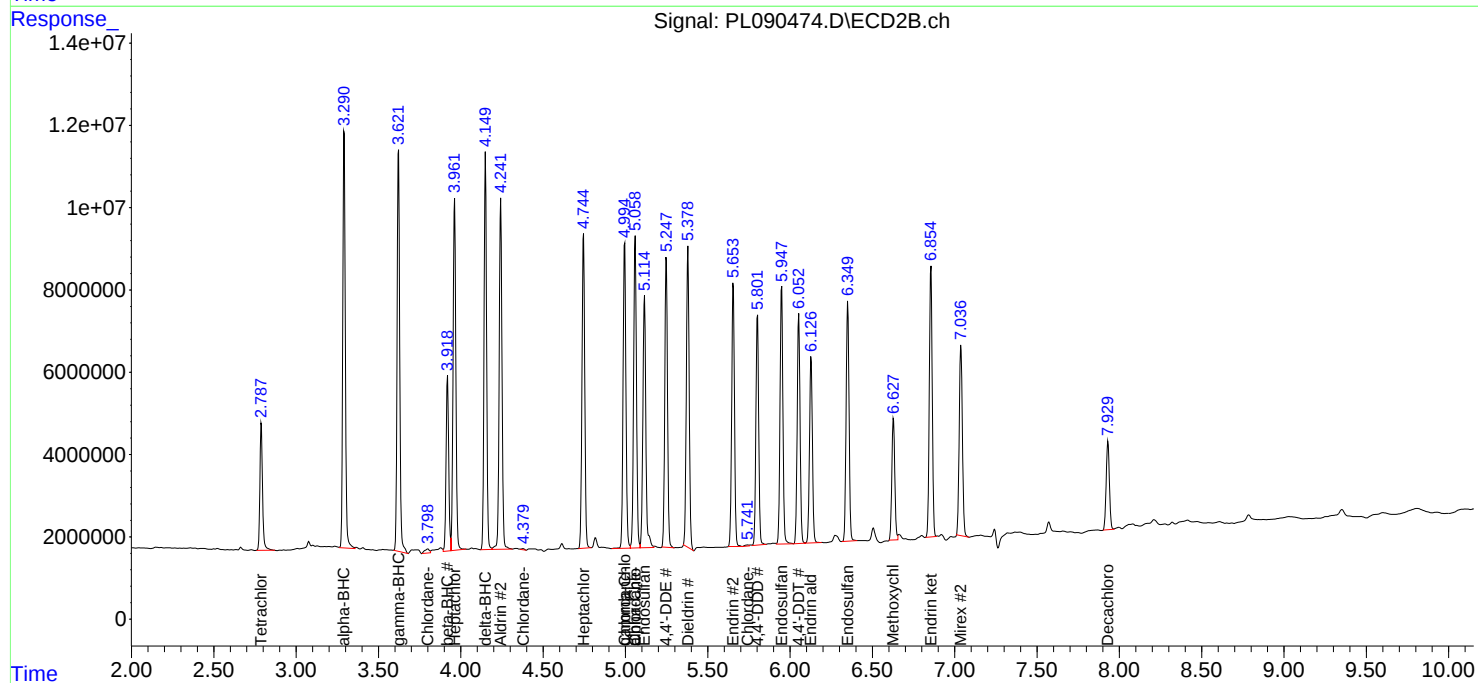
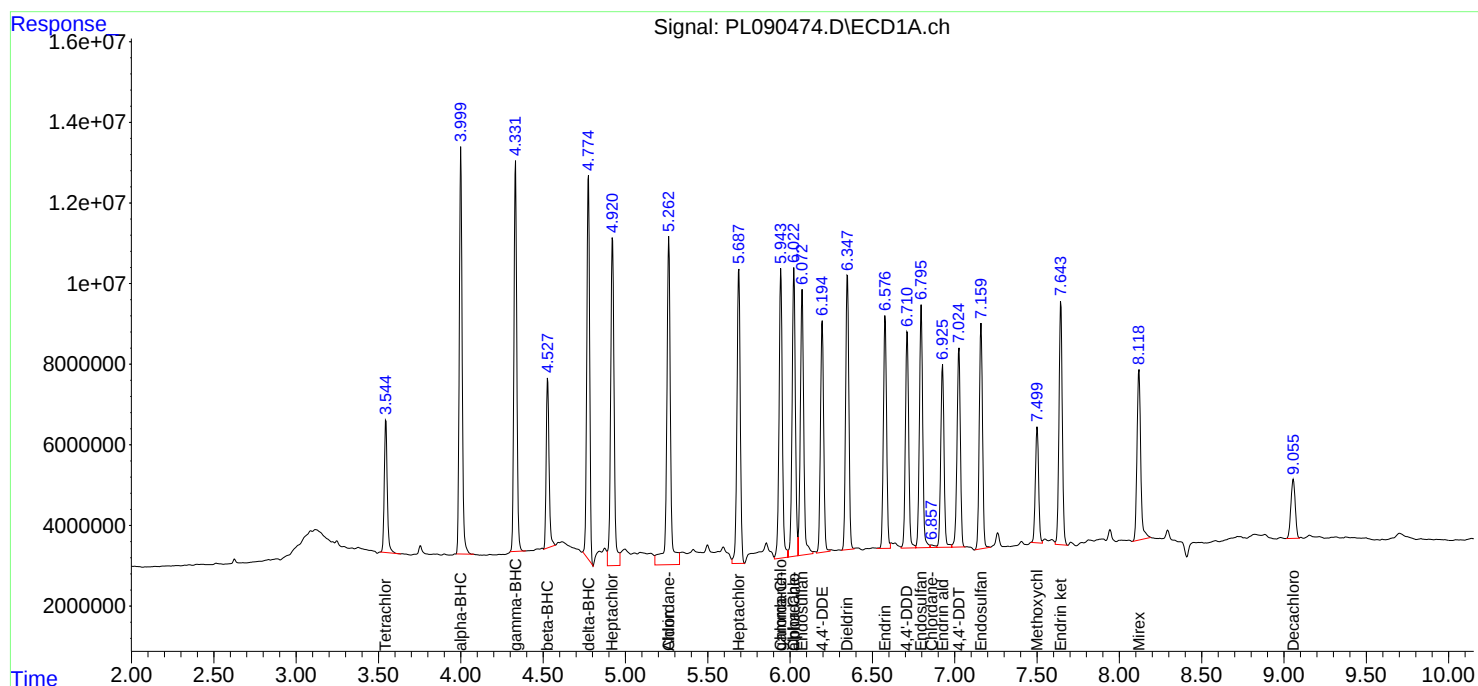
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

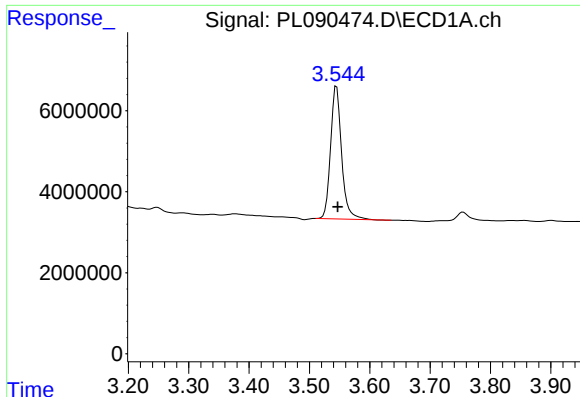
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071024\  
Data File : PL090474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2024 15:52  
Operator : AR\AJ  
Sample : P3187-05MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 01:39:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 25 11:05:38 2024  
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

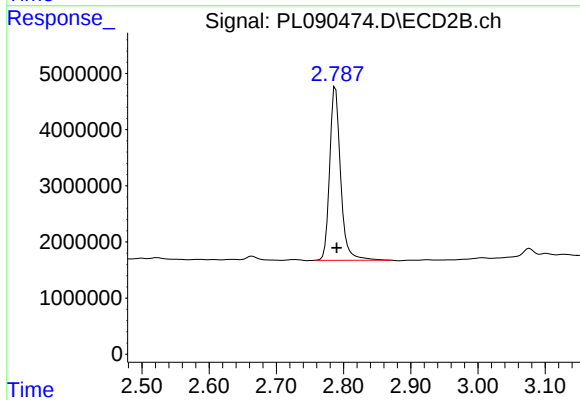




#1 Tetrachloro-m-xylene

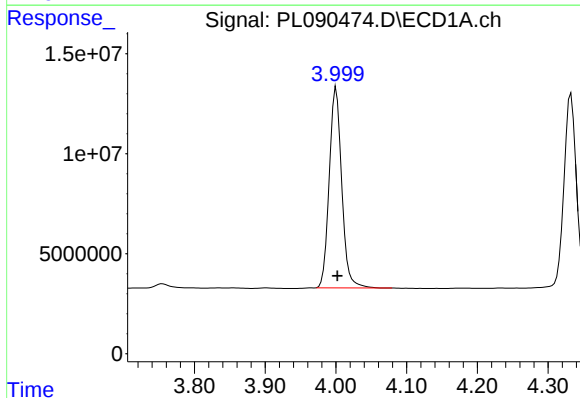
R.T.: 3.545 min  
Delta R.T.: -0.002 min  
Response: 41696199  
Conc: 18.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



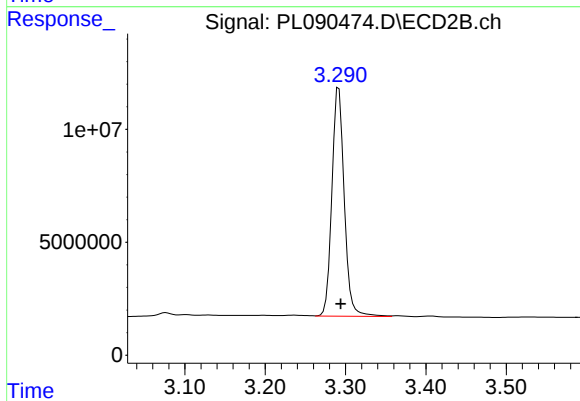
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: -0.002 min  
Response: 34696129  
Conc: 21.94 ng/ml



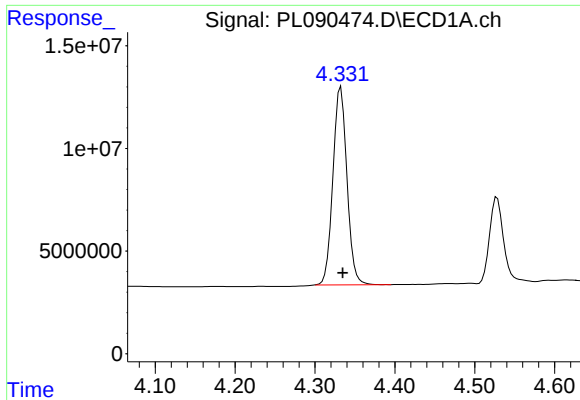
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 122773270  
Conc: 39.14 ng/ml



#2 alpha-BHC

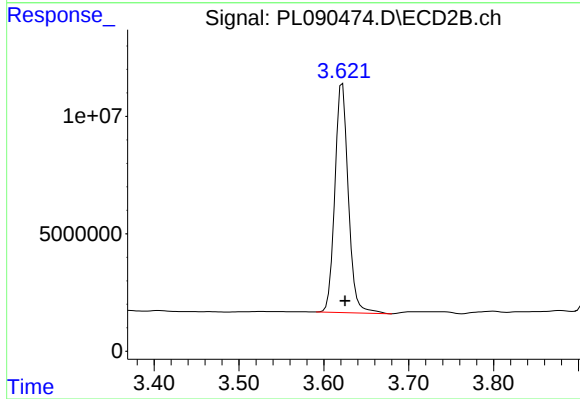
R.T.: 3.292 min  
Delta R.T.: -0.002 min  
Response: 108402153  
Conc: 48.49 ng/ml



#3 gamma-BHC (Lindane)

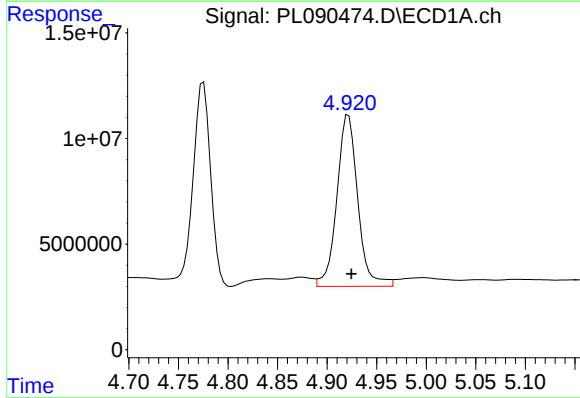
R.T.: 4.332 min  
Delta R.T.: -0.002 min  
Response: 117624561  
Conc: 39.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



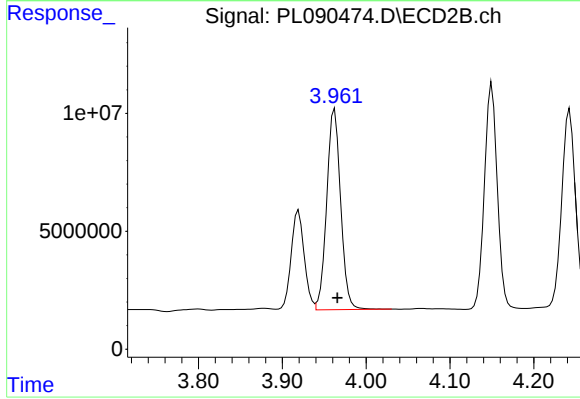
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: -0.003 min  
Response: 107385839  
Conc: 50.23 ng/ml



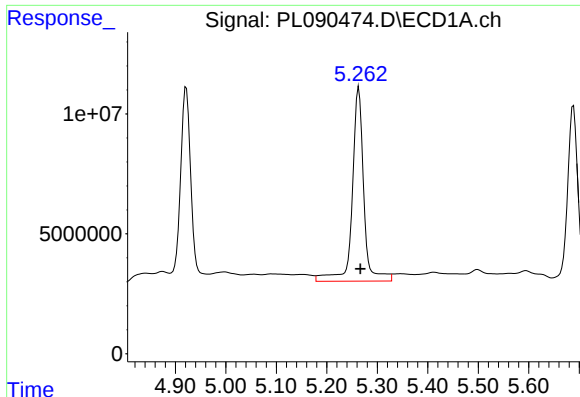
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.003 min  
Response: 119106725  
Conc: 42.86 ng/ml



#4 Heptachlor

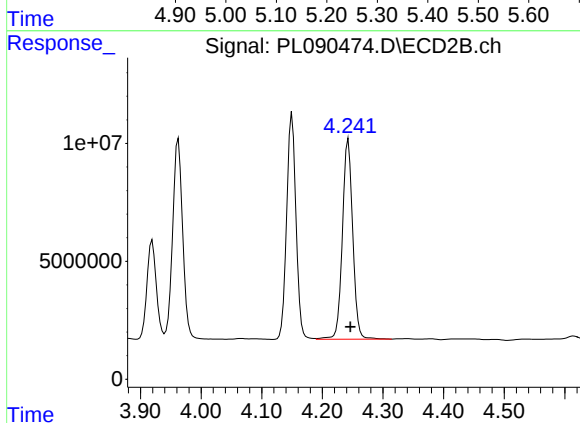
R.T.: 3.962 min  
Delta R.T.: -0.003 min  
Response: 98302594  
Conc: 47.29 ng/ml



#5 Aldrin

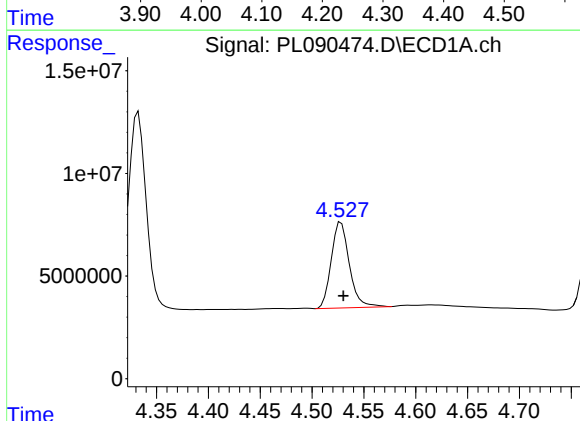
R.T.: 5.263 min  
Delta R.T.: -0.003 min  
Response: 128514811  
Conc: 46.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



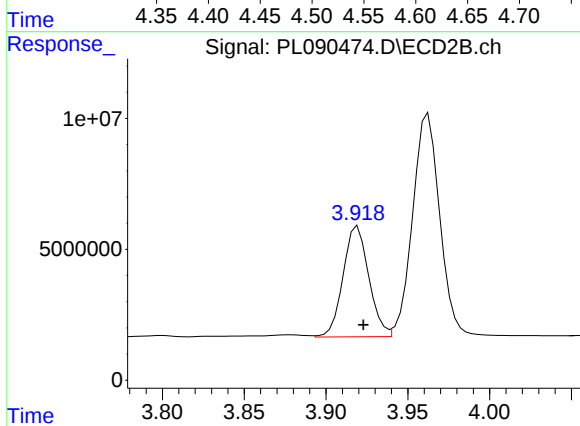
#5 Aldrin

R.T.: 4.243 min  
Delta R.T.: -0.004 min  
Response: 100190120  
Conc: 50.64 ng/ml



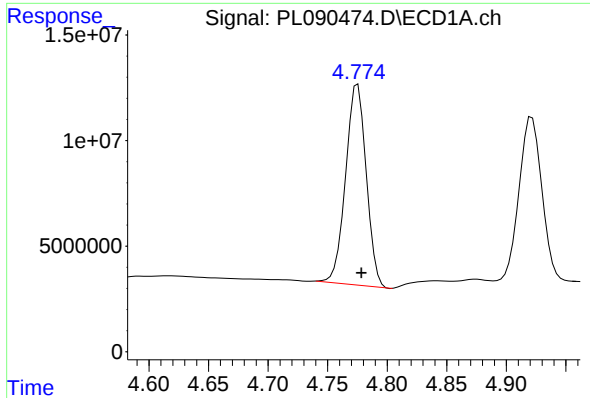
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.002 min  
Response: 50803969  
Conc: 37.72 ng/ml



#6 beta-BHC

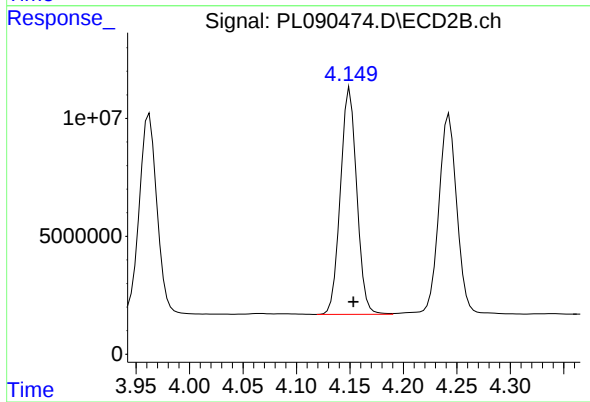
R.T.: 3.919 min  
Delta R.T.: -0.003 min  
Response: 46233892  
Conc: 47.89 ng/ml



#7 delta-BHC

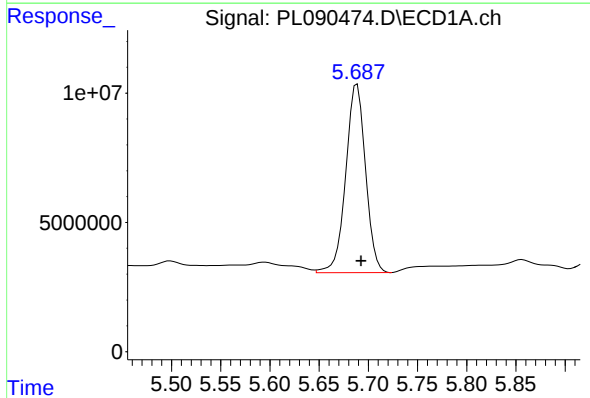
R.T.: 4.775 min  
Delta R.T.: -0.003 min  
Response: 114538669  
Conc: 40.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



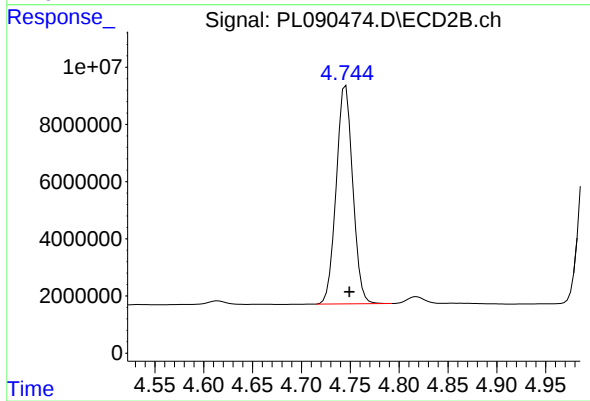
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: -0.003 min  
Response: 102489931  
Conc: 50.52 ng/ml



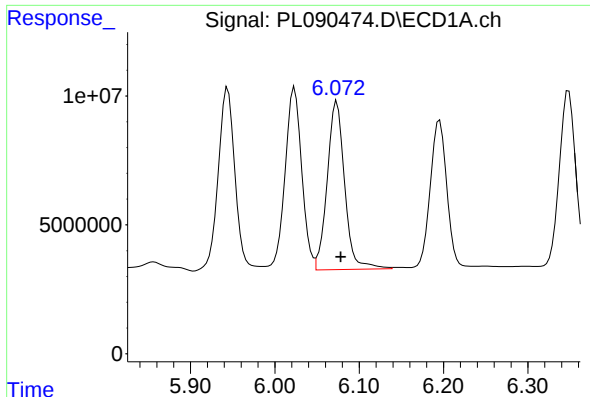
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.004 min  
Response: 101937621  
Conc: 39.97 ng/ml



#8 Heptachlor epoxide

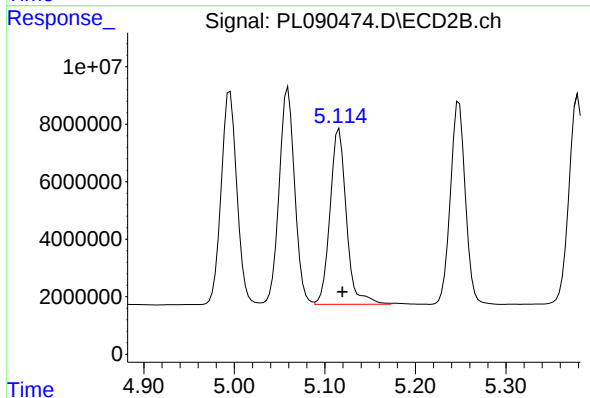
R.T.: 4.745 min  
Delta R.T.: -0.004 min  
Response: 90032657  
Conc: 49.01 ng/ml



#9 Endosulfan I

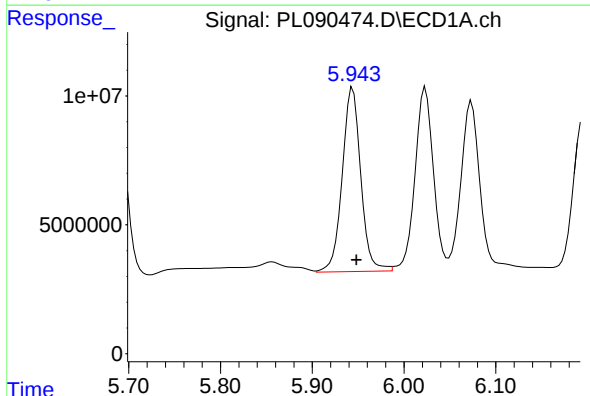
R.T.: 6.074 min  
Delta R.T.: -0.004 min  
Response: 94057863  
Conc: 39.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



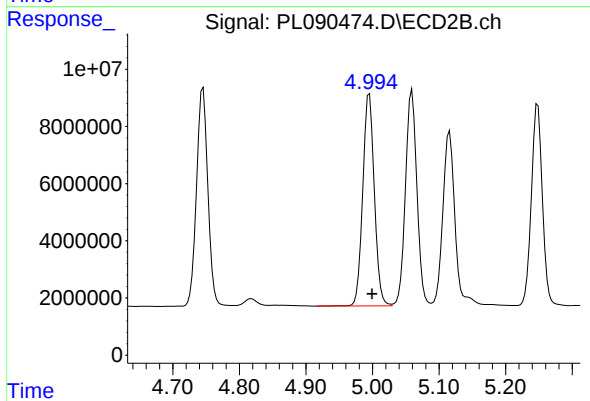
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.004 min  
Response: 76771340  
Conc: 44.37 ng/ml



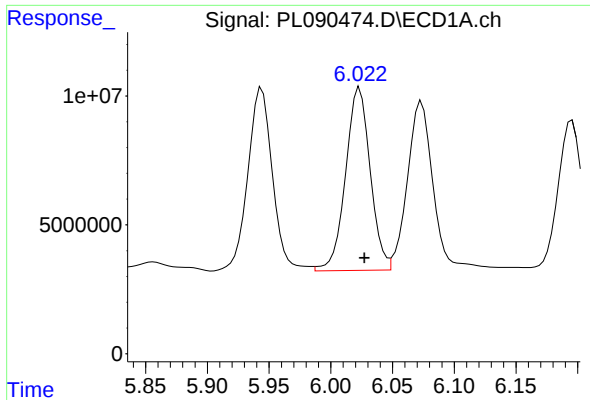
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.004 min  
Response: 100128983  
Conc: 39.63 ng/ml



#10 gamma-Chlordane

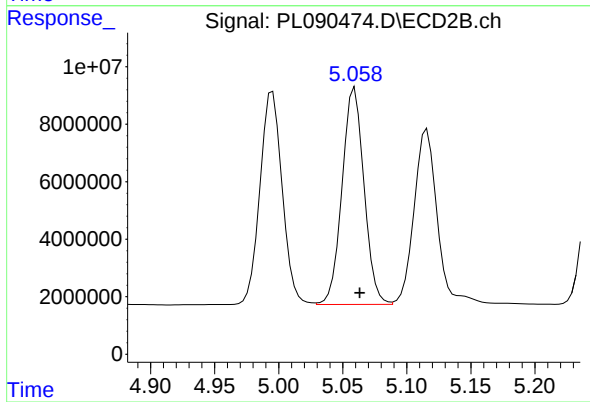
R.T.: 4.995 min  
Delta R.T.: -0.004 min  
Response: 89904143  
Conc: 46.91 ng/ml



#11 alpha-Chlordane

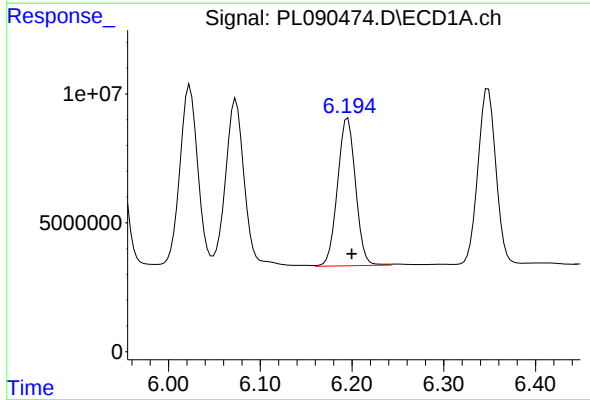
R.T.: 6.023 min  
Delta R.T.: -0.004 min  
Response: 98567383  
Conc: 39.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



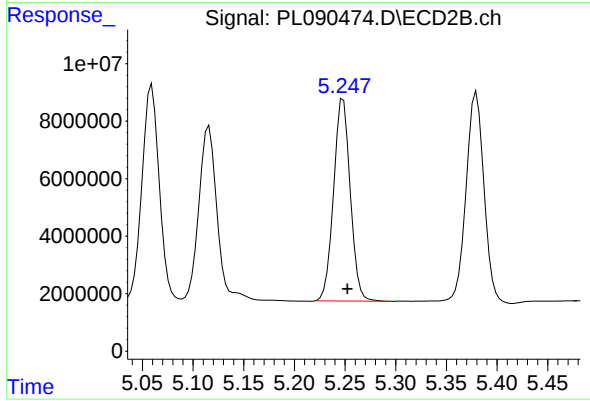
#11 alpha-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.004 min  
Response: 89974567  
Conc: 46.98 ng/ml



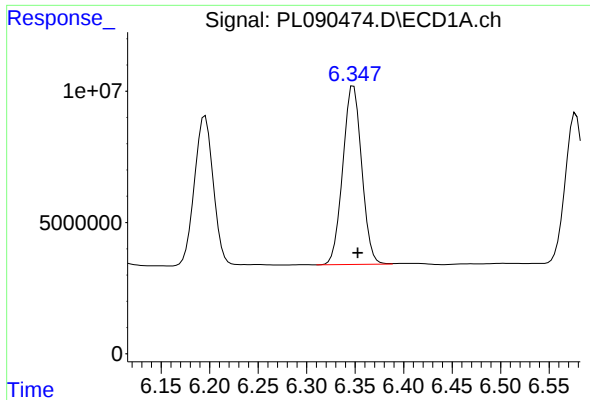
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.004 min  
Response: 78098640  
Conc: 35.78 ng/ml



#12 4,4'-DDE

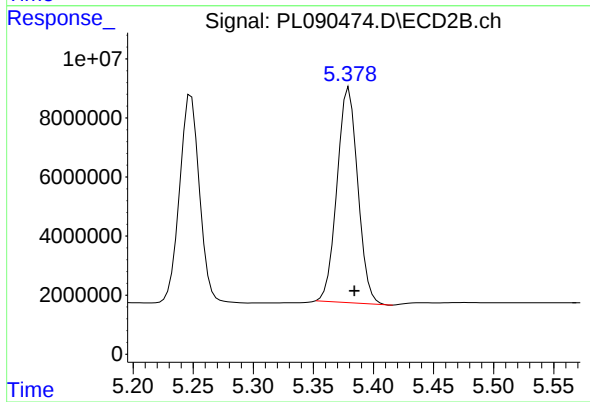
R.T.: 5.248 min  
Delta R.T.: -0.004 min  
Response: 80645500  
Conc: 48.68 ng/ml



#13 Dieldrin

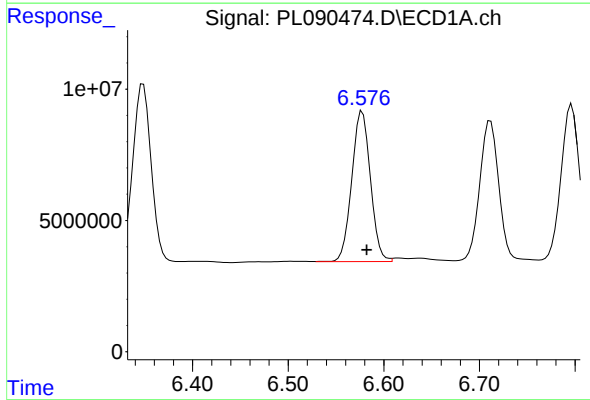
R.T.: 6.348 min  
Delta R.T.: -0.004 min  
Response: 92093880  
Conc: 37.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



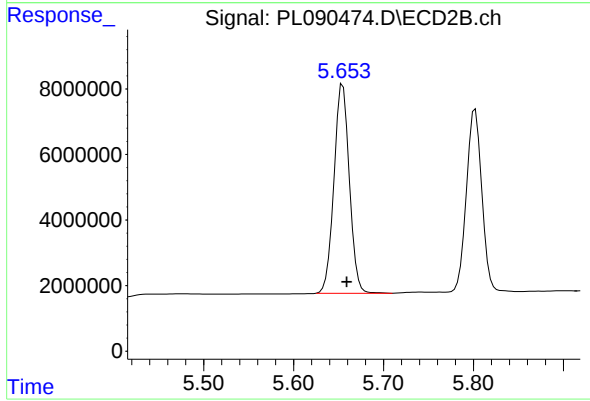
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.004 min  
Response: 87705877  
Conc: 47.55 ng/ml



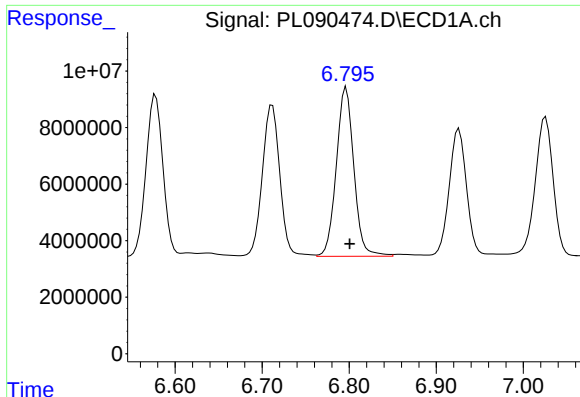
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: -0.004 min  
Response: 77972270  
Conc: 36.77 ng/ml



#14 Endrin

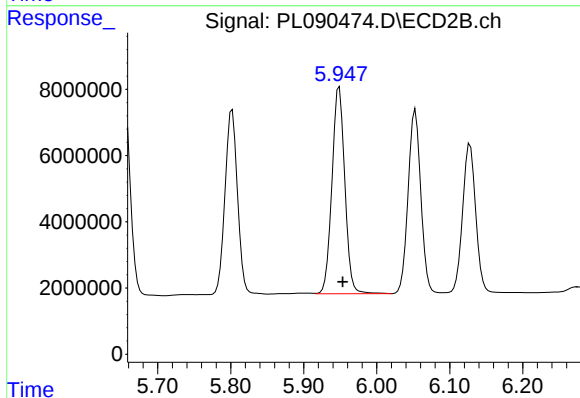
R.T.: 5.655 min  
Delta R.T.: -0.005 min  
Response: 75979120  
Conc: 45.95 ng/ml



#15 Endosulfan II

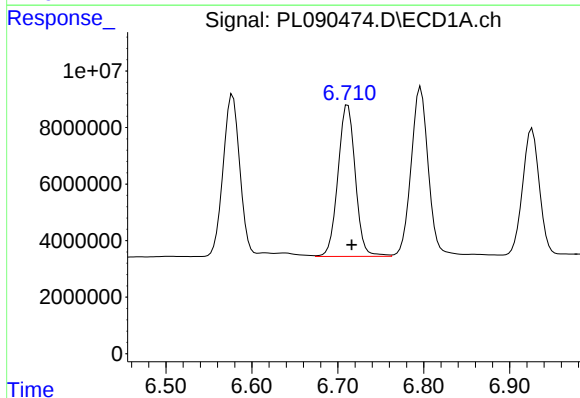
R.T.: 6.797 min  
Delta R.T.: -0.004 min  
Response: 83704125  
Conc: 37.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



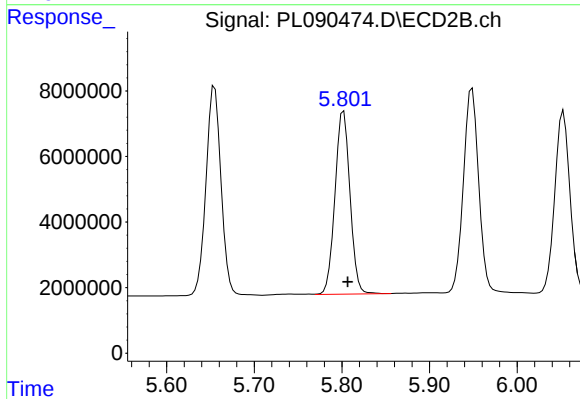
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: -0.005 min  
Response: 76586931  
Conc: 46.68 ng/ml



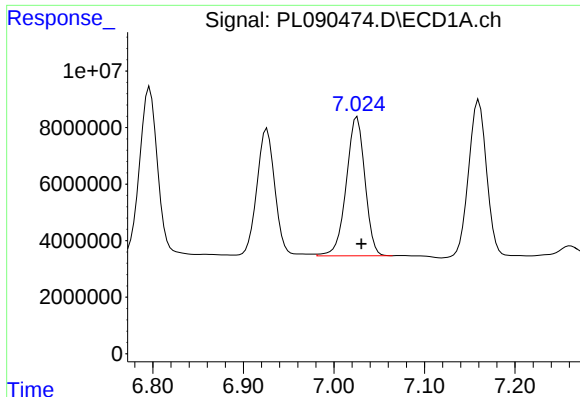
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.005 min  
Response: 75109102  
Conc: 41.00 ng/ml



#16 4,4'-DDD

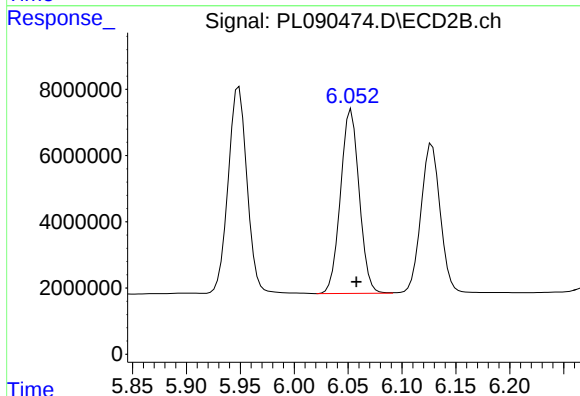
R.T.: 5.802 min  
Delta R.T.: -0.005 min  
Response: 66632961  
Conc: 48.61 ng/ml



#17 4,4'-DDT

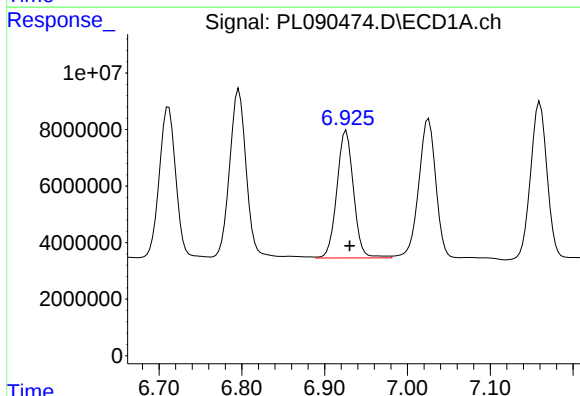
R.T.: 7.026 min  
Delta R.T.: -0.005 min  
Response: 70337468  
Conc: 36.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



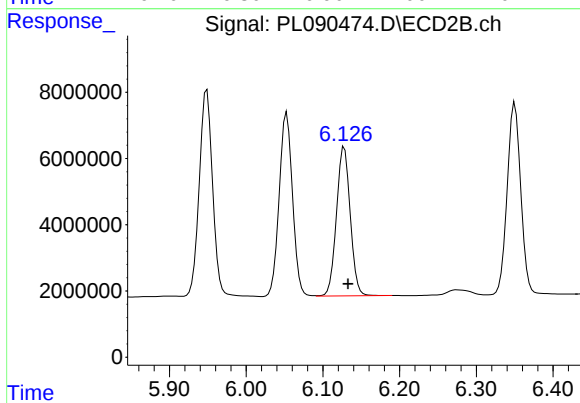
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: -0.005 min  
Response: 67041080  
Conc: 45.29 ng/ml



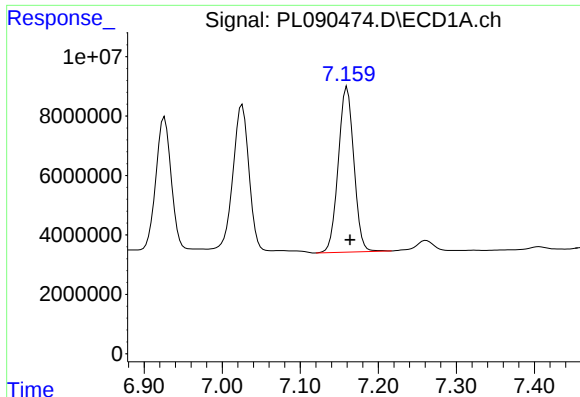
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.004 min  
Response: 63056327  
Conc: 37.35 ng/ml



#18 Endrin aldehyde

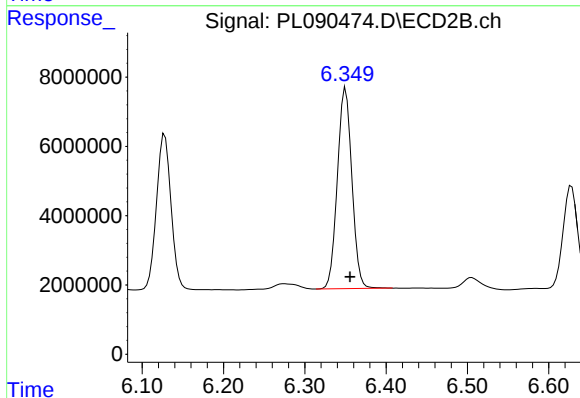
R.T.: 6.128 min  
Delta R.T.: -0.005 min  
Response: 56168511  
Conc: 44.11 ng/ml



#19 Endosulfan Sulfate

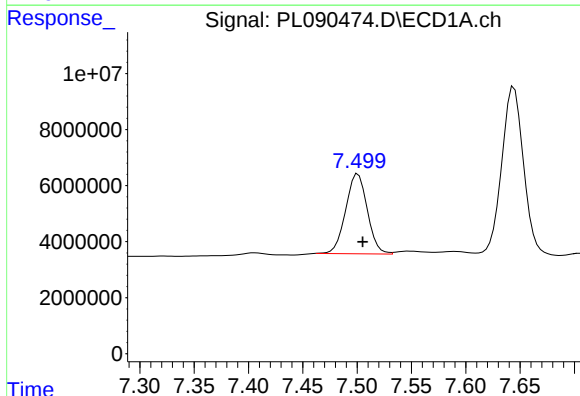
R.T.: 7.160 min  
Delta R.T.: -0.004 min  
Response: 76908242  
Conc: 38.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



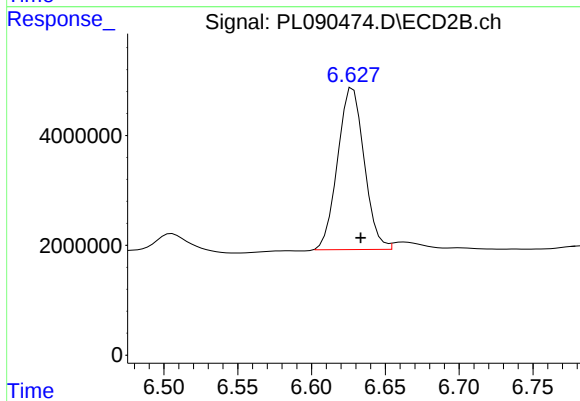
#19 Endosulfan Sulfate

R.T.: 6.350 min  
Delta R.T.: -0.006 min  
Response: 71834881  
Conc: 45.94 ng/ml



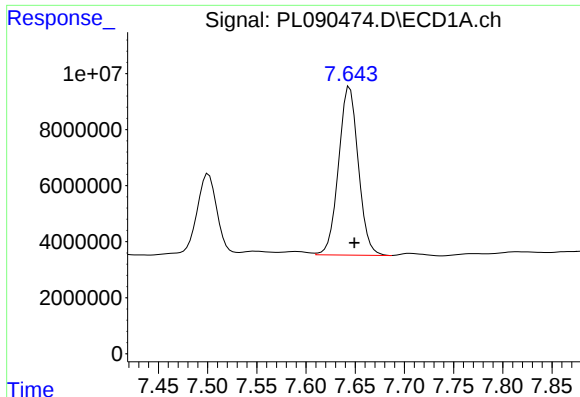
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.004 min  
Response: 39514030  
Conc: 38.34 ng/ml



#20 Methoxychlor

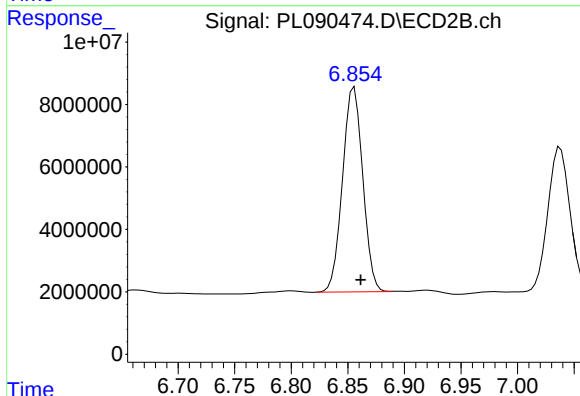
R.T.: 6.628 min  
Delta R.T.: -0.005 min  
Response: 36900742  
Conc: 44.23 ng/ml



#21 Endrin ketone

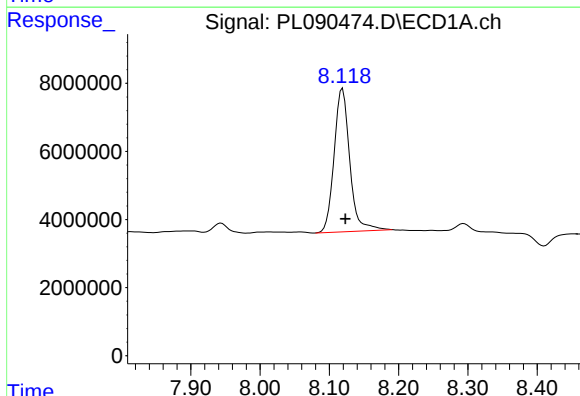
R.T.: 7.644 min  
Delta R.T.: -0.005 min  
Response: 83945424  
Conc: 38.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



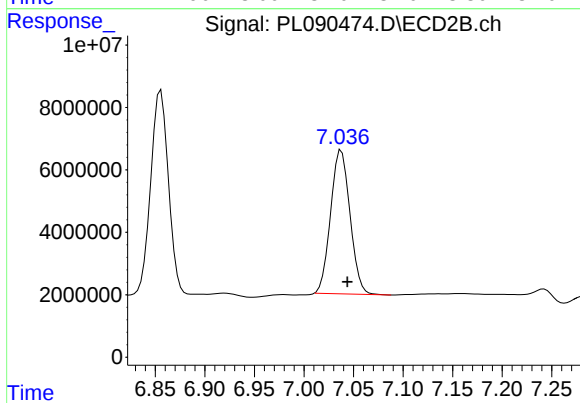
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: -0.006 min  
Response: 81703799  
Conc: 45.63 ng/ml



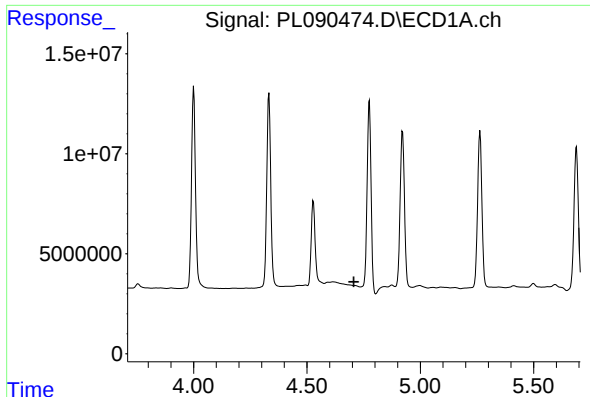
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.004 min  
Response: 66033019  
Conc: 37.98 ng/ml



#22 Mirex

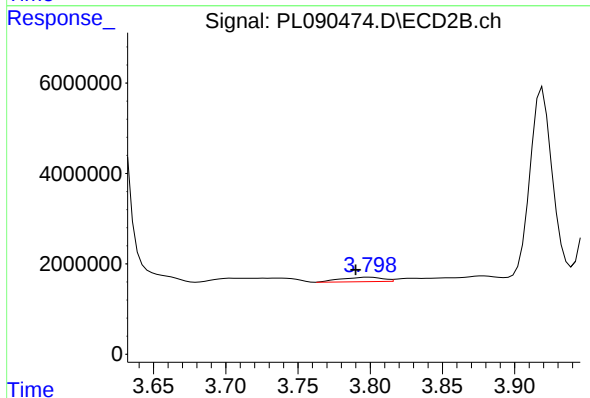
R.T.: 7.038 min  
Delta R.T.: -0.006 min  
Response: 62786828  
Conc: 41.11 ng/ml



#23 Chlordane-1

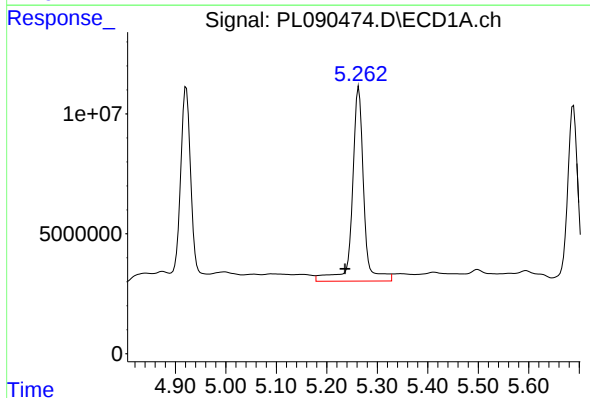
R.T.: 0.000 min  
Exp R.T.: 4.707 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



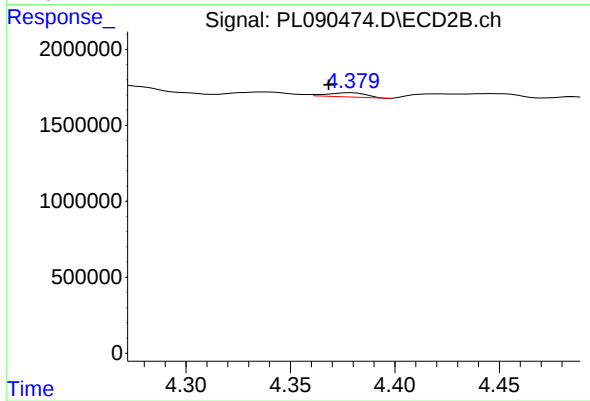
#23 Chlordane-1

R.T.: 3.799 min  
Delta R.T.: 0.010 min  
Response: 1944520  
Conc: 31.94 ng/ml



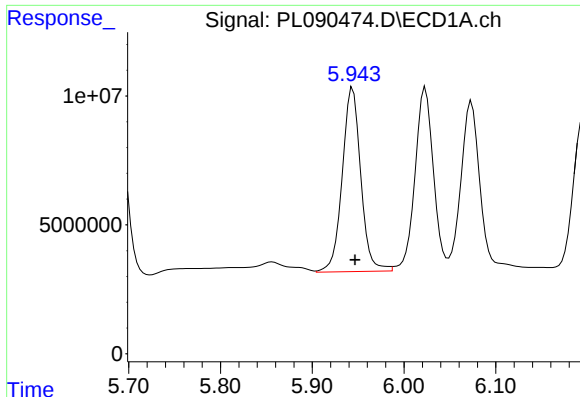
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: 0.027 min  
Response: 128514811  
Conc: 1083.42 ng/ml



#24 Chlordane-2

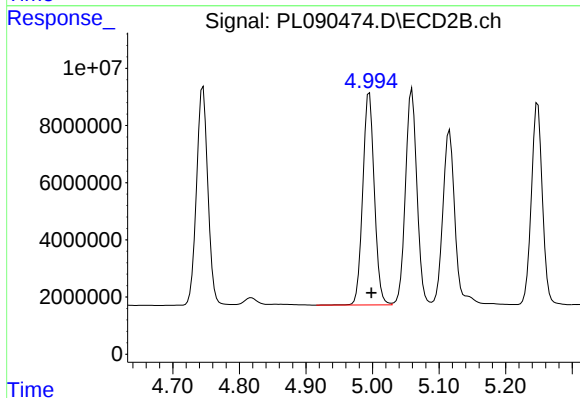
R.T.: 4.379 min  
Delta R.T.: 0.011 min  
Response: 358239  
Conc: 5.07 ng/ml



#25 Chlordane-3

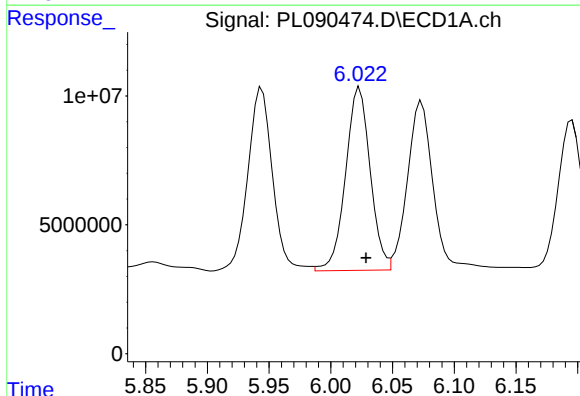
R.T.: 5.944 min  
Delta R.T.: -0.003 min  
Response: 100128983  
Conc: 272.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



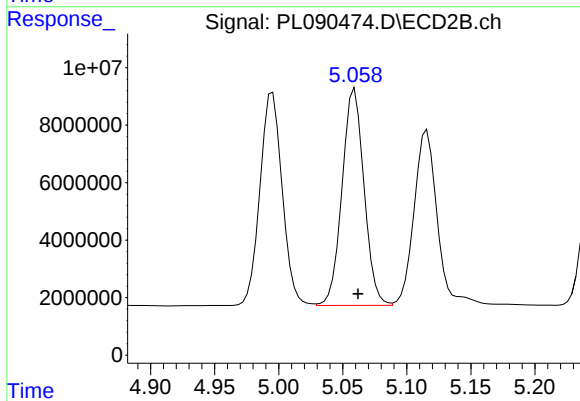
#25 Chlordane-3

R.T.: 4.995 min  
Delta R.T.: -0.003 min  
Response: 89904143  
Conc: 445.27 ng/ml



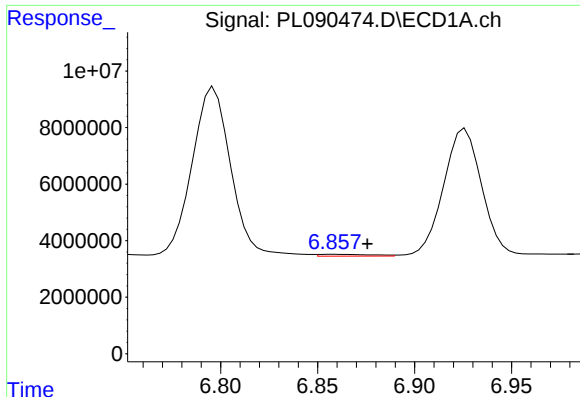
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 98567383  
Conc: 220.95 ng/ml



#26 Chlordane-4

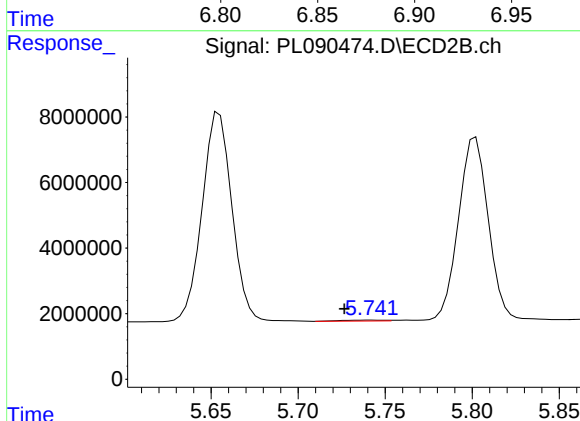
R.T.: 5.059 min  
Delta R.T.: -0.003 min  
Response: 89974567  
Conc: 471.27 ng/ml



#27 Chlordane-5

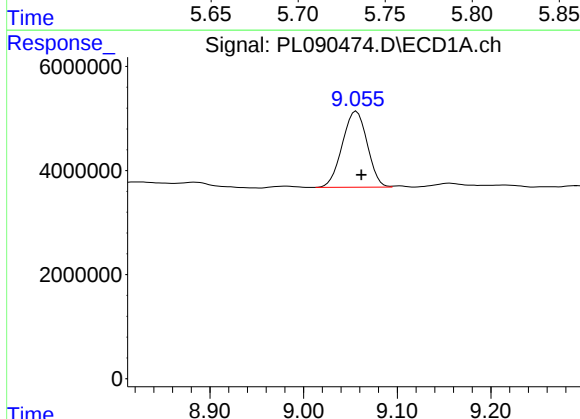
R.T.: 6.858 min  
Delta R.T.: -0.018 min  
Response: 1218632  
Conc: 13.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-2MS



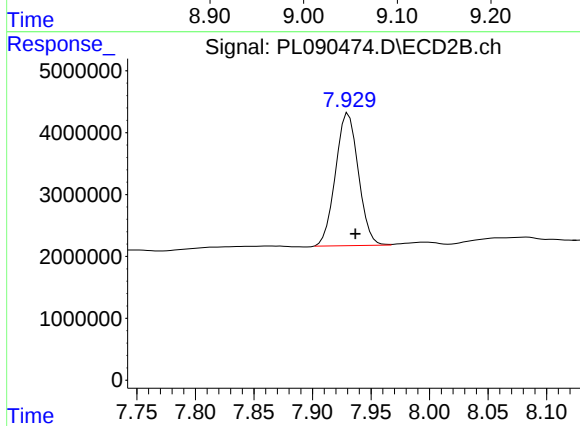
#27 Chlordane-5

R.T.: 5.742 min  
Delta R.T.: 0.016 min  
Response: 440465  
Conc: 7.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.005 min  
Response: 27067192  
Conc: 17.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.006 min  
Response: 29169764  
Conc: 19.55 ng/ml