

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080320\  
 Data File : PL060474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2020 17:21  
 Operator : DD\AJ  
 Sample : L3521-07MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-CDMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 18:14:31 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 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... | 3.464 | 4.010  | 37521396 | 54378517 | 18.826   | 20.790     |
| 28)                         | SA Decachlor... | 8.221 | 9.100  | 32149970 | 36885953 | 21.067   | 20.508     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.900 | 4.400  | 152.3E6  | 222.8E6  | 52.227   | 58.195     |
| 3)                          | MA gamma-BHC... | 4.184 | 4.686  | 132.5E6  | 199.3E6  | 52.224   | 55.353     |
| 4)                          | MA Heptachlor   | 4.486 | 5.197  | 125.8E6  | 200.2E6  | 53.961   | 58.809     |
| 5)                          | MB Aldrin       | 4.735 | 5.503  | 108.7E6  | 181.3E6  | 54.847   | 59.088     |
| 6)                          | B beta-BHC      | 4.435 | 4.856  | 56599173 | 91810310 | 55.808   | 61.055     |
| 7)                          | B delta-BHC     | 4.639 | 5.074  | 88742847 | 113.0E6  | 39.122   | 44.631     |
| 8)                          | B Heptachlo...  | 5.178 | 5.890  | 101.5E6  | 152.5E6  | 53.523   | 62.947     |
| 9)                          | A Endosulfan I  | 5.516 | 6.248  | 94761308 | 155.3E6  | 56.671   | 57.428     |
| 10)                         | B gamma-Chl...  | 5.405 | 6.125  | 102.2E6  | 167.5E6  | 56.402   | 59.229     |
| 11)                         | B alpha-Chl...  | 5.463 | 6.198  | 100.5E6  | 166.1E6  | 55.771   | 56.886     |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.356  | 95271343 | 157.1E6  | 56.513   | 59.377     |
| 13)                         | MA Dieldrin     | 5.760 | 6.506  | 100.8E6  | 160.3E6  | 56.957   | 58.459     |
| 14)                         | MA Endrin       | 6.016 | 6.724  | 93139993 | 139.3E6  | 55.876   | 59.470     |
| 15)                         | B Endosulfa...  | 6.289 | 6.934  | 87955569 | 136.6E6  | 51.809   | 56.696     |
| 16)                         | A 4,4'-DDD      | 6.144 | 6.847  | 76598656 | 127.6E6  | 53.013   | 61.257     |
| 17)                         | MA 4,4'-DDT     | 6.385 | 7.147  | 79243613 | 126.8E6  | 58.010   | 62.682     |
| 18)                         | B Endrin al...  | 6.457 | 7.058  | 76201122 | 119.0E6  | 53.043   | 59.397     |
| 19)                         | B Endosulfa...  | 6.670 | 7.282  | 87264145 | 130.9E6  | 54.764   | 59.563     |
| 20)                         | A Methoxychlor  | 6.931 | 7.607  | 45821824 | 69732596 | 56.011   | 60.554     |
| 21)                         | B Endrin ke...  | 7.160 | 7.754  | 98888032 | 139.2E6  | 58.654   | 63.179     |
| 22)                         | Mirex           | 7.350 | 8.211  | 73612964 | 98183970 | 53.921   | 62.699     |
| 24)                         | Chlordane-2     | 0.000 | 5.503f | 0        | 181.3E6  | N.D.     | 1782.003 # |
| 25)                         | Chlordane-3     | 5.405 | 6.125  | 102.2E6  | 167.5E6  | 611.322  | 455.140 #  |
| 26)                         | Chlordane-4     | 5.463 | 6.198  | 100.5E6  | 166.1E6  | 729.636  | 363.770 #  |
| 27)                         | Chlordane-5     | 6.289 | 0.000  | 87955569 | 0        | 1554.548 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

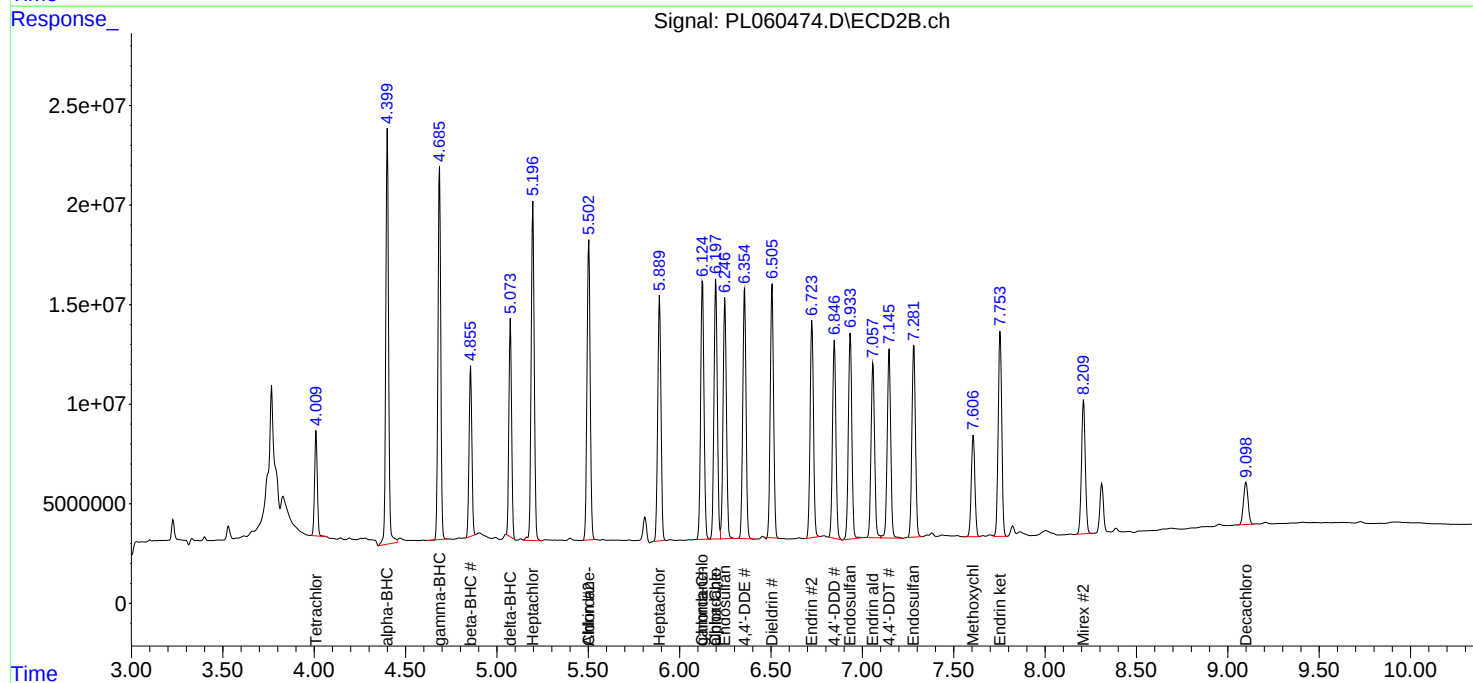
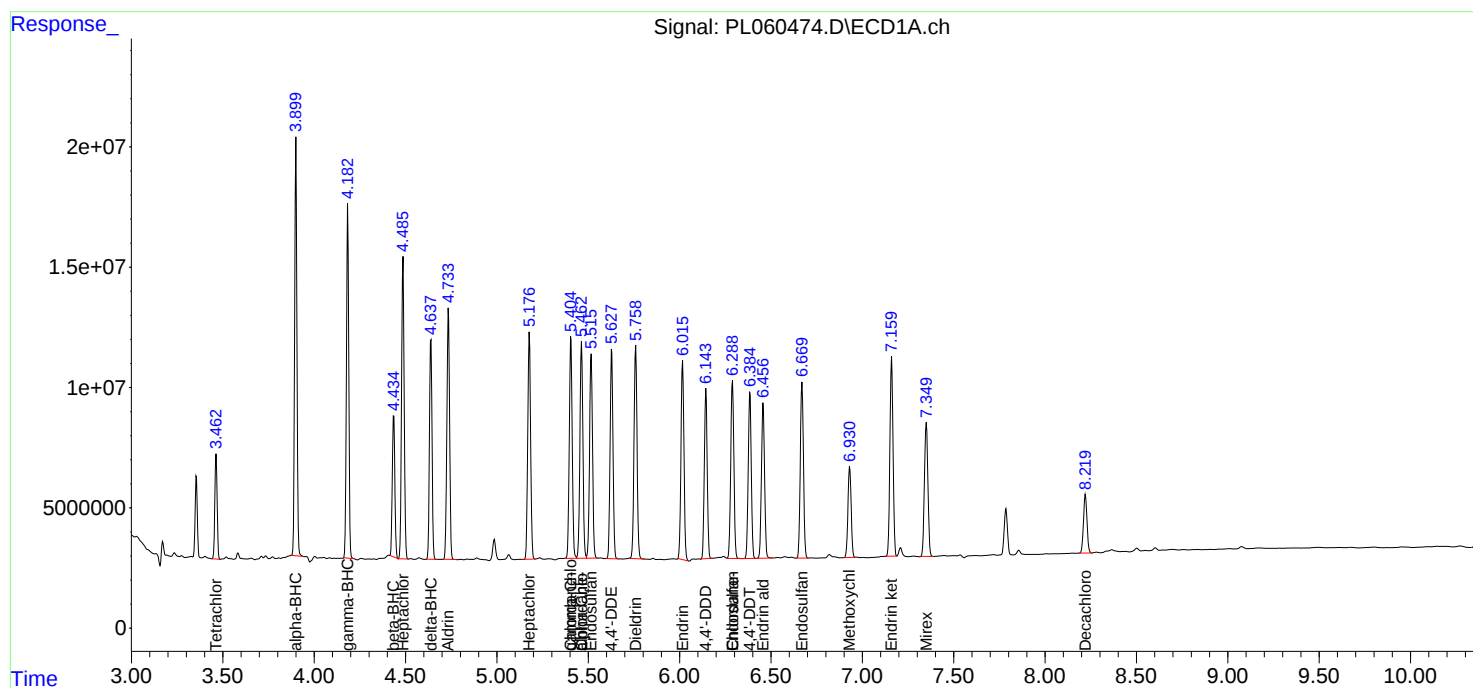
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

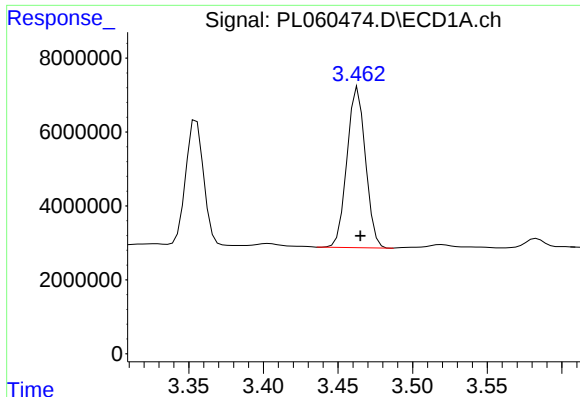
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080320\  
Data File : PL060474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2020 17:21  
Operator : DD\AJ  
Sample : L3521-07MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
COMP-CDMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 18:14:31 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 30 04:13:43 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

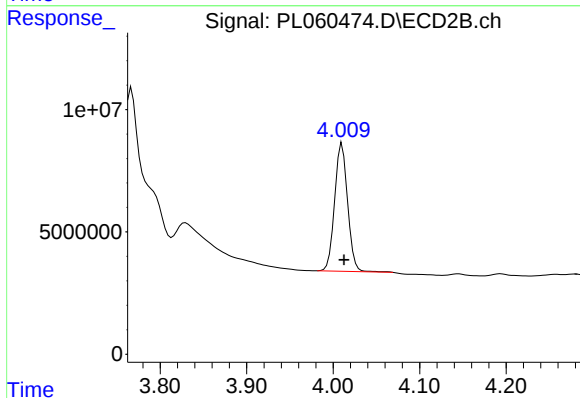




#1 Tetrachloro-m-xylene

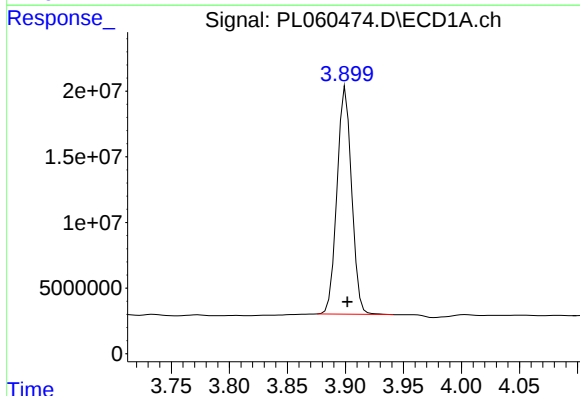
R.T.: 3.464 min  
Delta R.T.: -0.001 min  
Response: 37521396  
Conc: 18.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



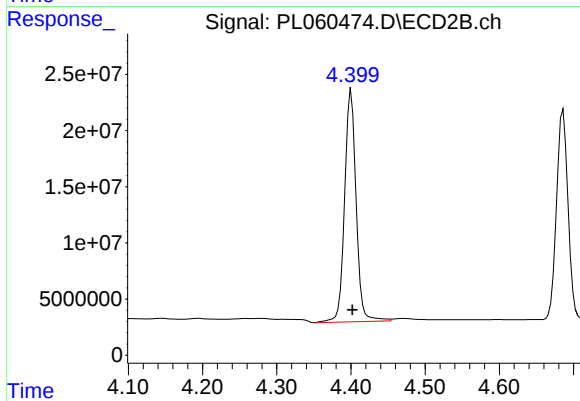
#1 Tetrachloro-m-xylene

R.T.: 4.010 min  
Delta R.T.: -0.002 min  
Response: 54378517  
Conc: 20.79 ng/ml



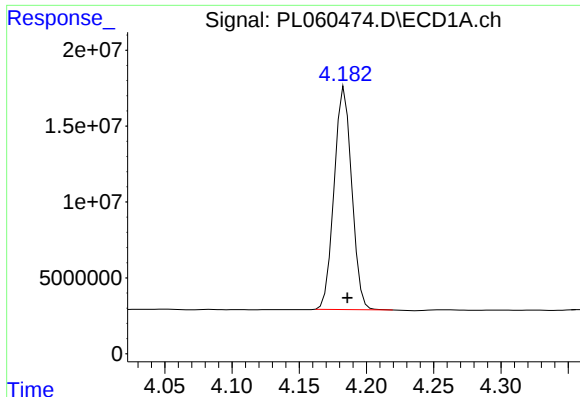
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: -0.001 min  
Response: 152319143  
Conc: 52.23 ng/ml



#2 alpha-BHC

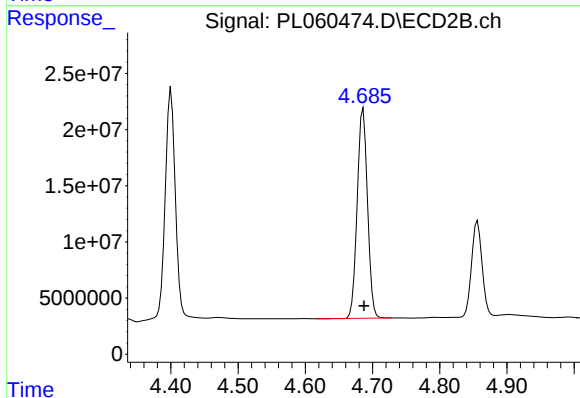
R.T.: 4.400 min  
Delta R.T.: -0.002 min  
Response: 222751157  
Conc: 58.19 ng/ml



#3 gamma-BHC (Lindane)

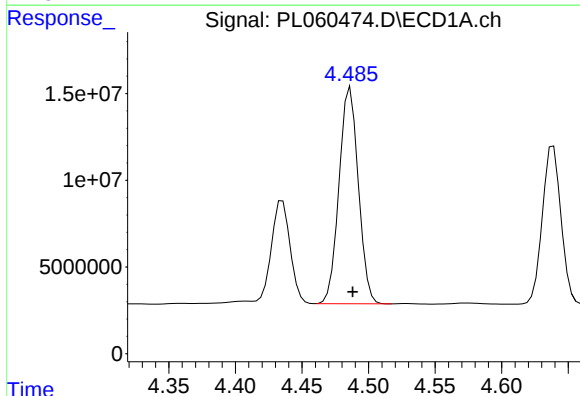
R.T.: 4.184 min  
Delta R.T.: -0.002 min  
Response: 132536662  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



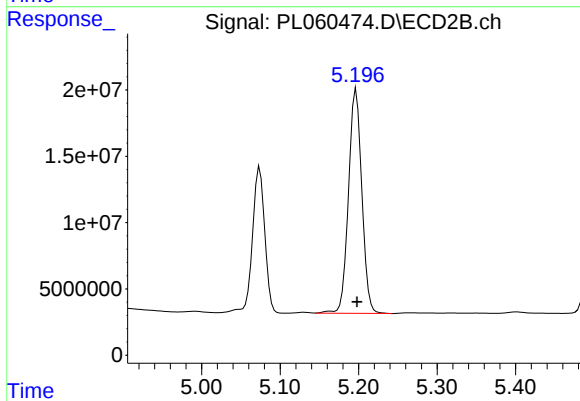
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: -0.001 min  
Response: 199342989  
Conc: 55.35 ng/ml



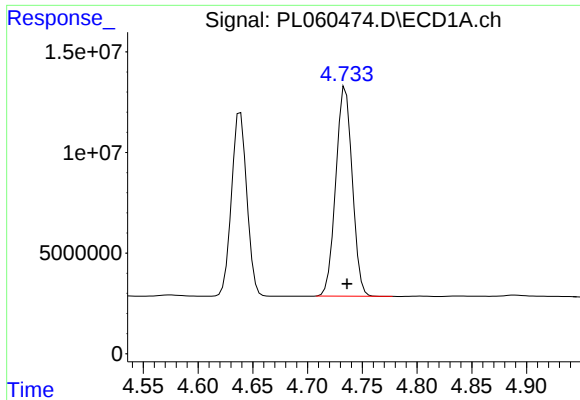
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: -0.002 min  
Response: 125756800  
Conc: 53.96 ng/ml



#4 Heptachlor

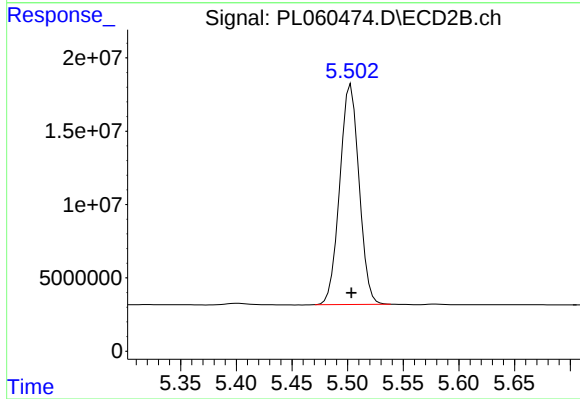
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 200165730  
Conc: 58.81 ng/ml



#5 Aldrin

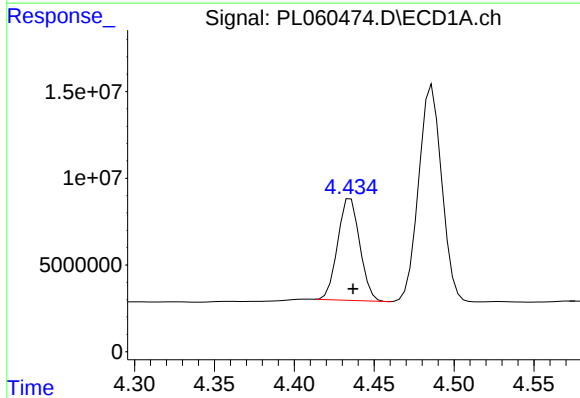
R.T.: 4.735 min  
Delta R.T.: -0.001 min  
Response: 108717393  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



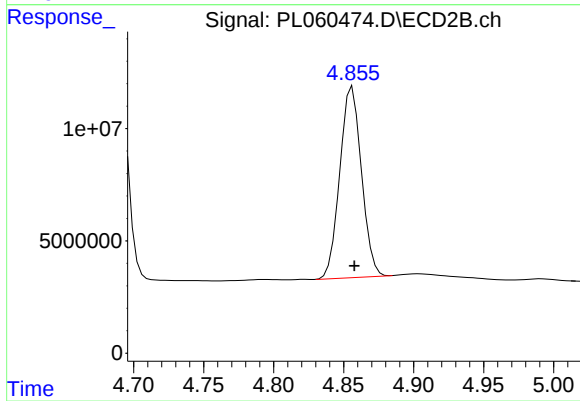
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 181331026  
Conc: 59.09 ng/ml



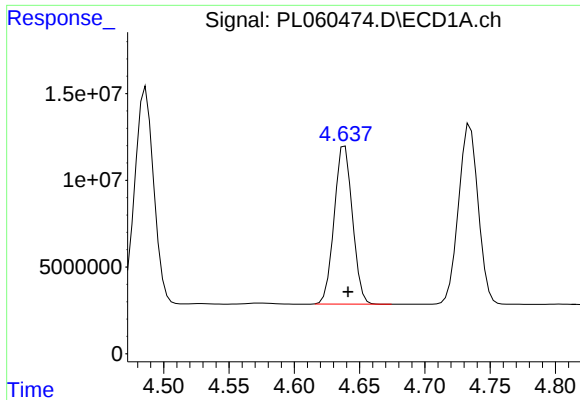
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: -0.001 min  
Response: 56599173  
Conc: 55.81 ng/ml



#6 beta-BHC

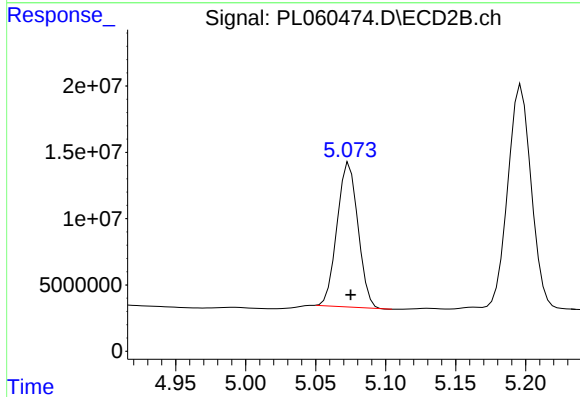
R.T.: 4.856 min  
Delta R.T.: -0.002 min  
Response: 91810310  
Conc: 61.06 ng/ml



#7 delta-BHC

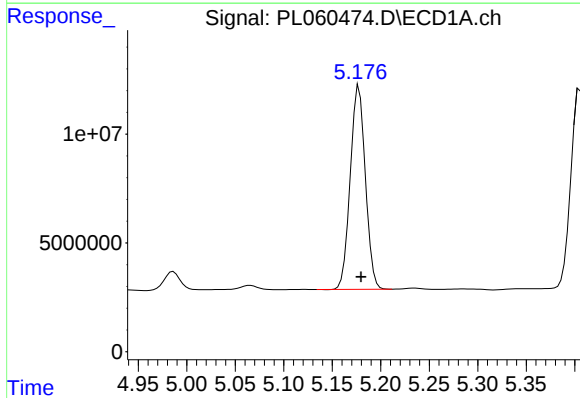
R.T.: 4.639 min  
Delta R.T.: -0.002 min  
Response: 88742847  
Conc: 39.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



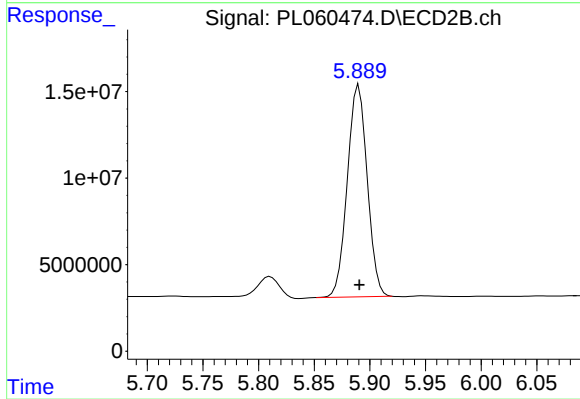
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 112973597  
Conc: 44.63 ng/ml



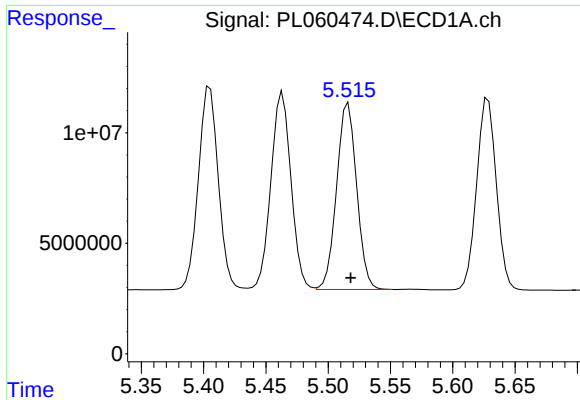
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: -0.002 min  
Response: 101465292  
Conc: 53.52 ng/ml



#8 Heptachlor epoxide

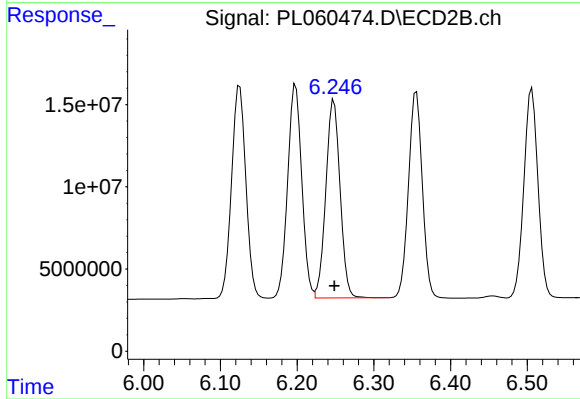
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 152526601  
Conc: 62.95 ng/ml



#9 Endosulfan I

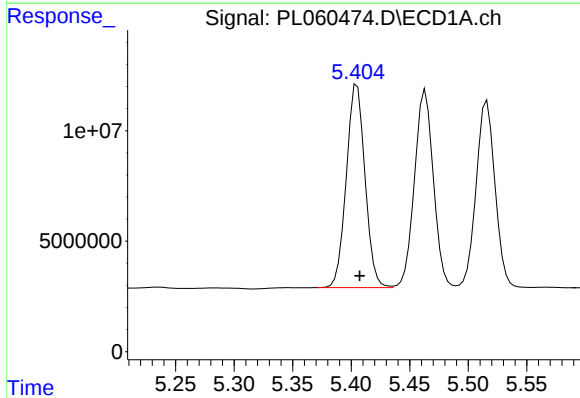
R.T.: 5.516 min  
Delta R.T.: -0.002 min  
Response: 94761308  
Conc: 56.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



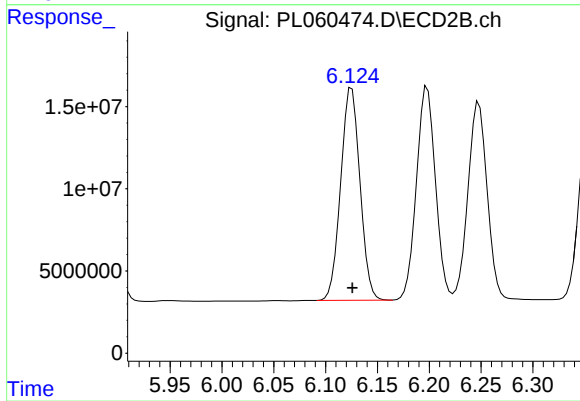
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 155289126  
Conc: 57.43 ng/ml



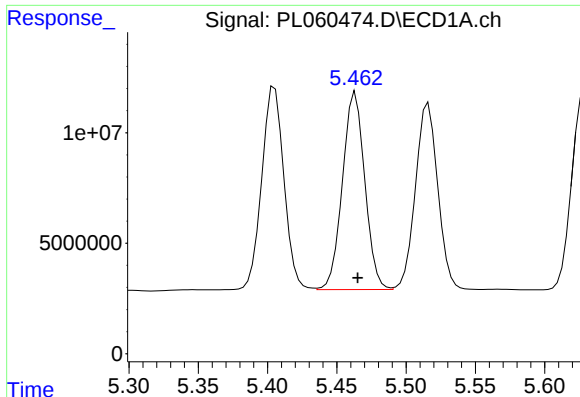
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: -0.002 min  
Response: 102190724  
Conc: 56.40 ng/ml



#10 gamma-Chlordane

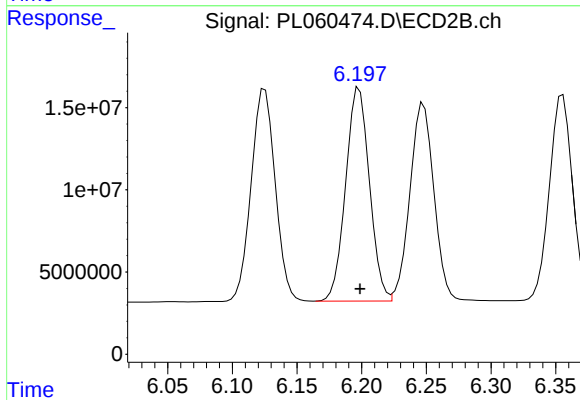
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 167471364  
Conc: 59.23 ng/ml



#11 alpha-Chlordane

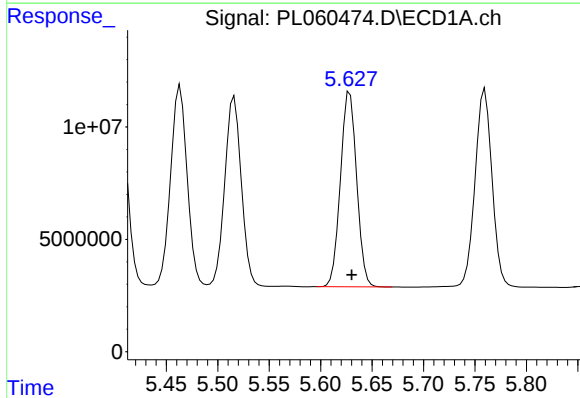
R.T.: 5.463 min  
Delta R.T.: -0.002 min  
Response: 100503371  
Conc: 55.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



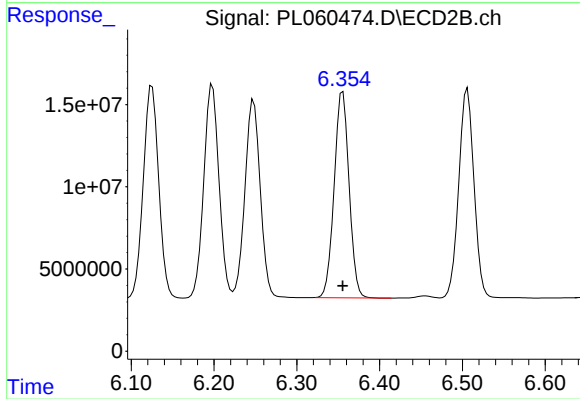
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 166071143  
Conc: 56.89 ng/ml



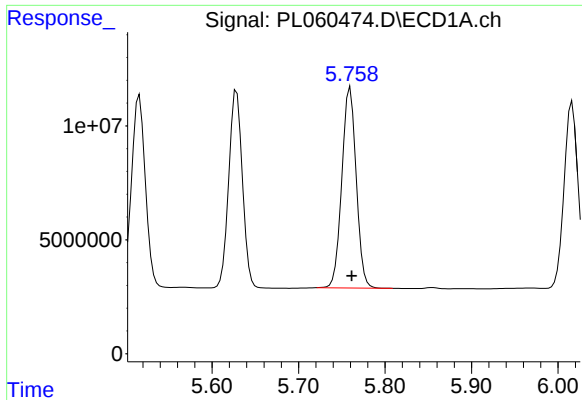
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: -0.002 min  
Response: 95271343  
Conc: 56.51 ng/ml



#12 4,4'-DDE

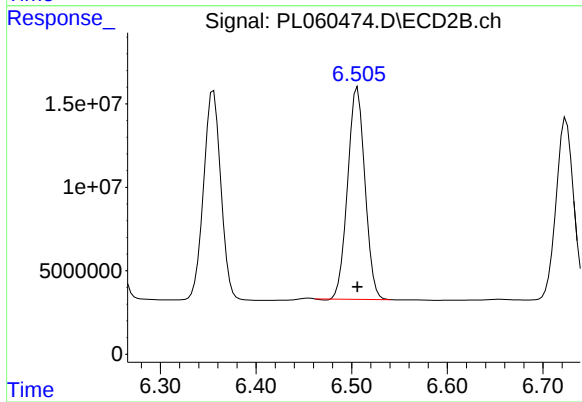
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 157053591  
Conc: 59.38 ng/ml



#13 Dieldrin

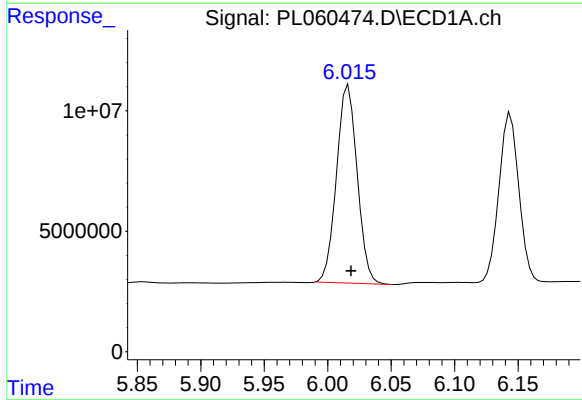
R.T.: 5.760 min  
Delta R.T.: -0.002 min  
Response: 100808607  
Conc: 56.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



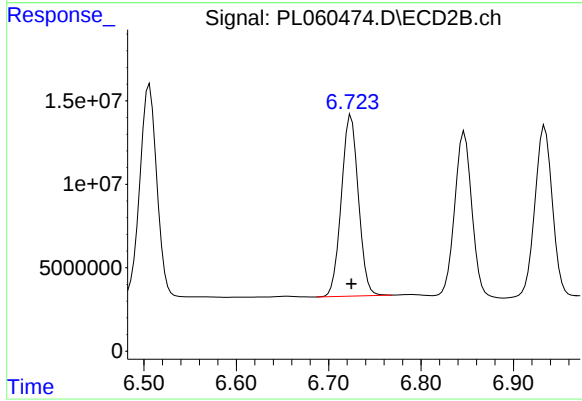
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 160298269  
Conc: 58.46 ng/ml



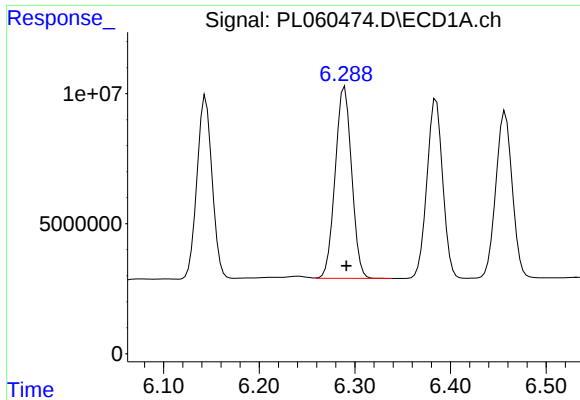
#14 Endrin

R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 93139993  
Conc: 55.88 ng/ml



#14 Endrin

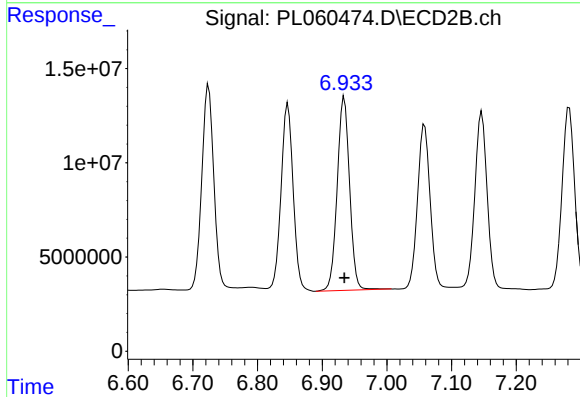
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 139282420  
Conc: 59.47 ng/ml



#15 Endosulfan II

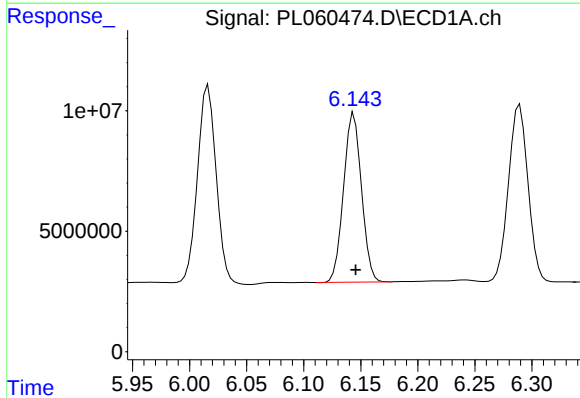
R.T.: 6.289 min  
Delta R.T.: -0.002 min  
Response: 87955569  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



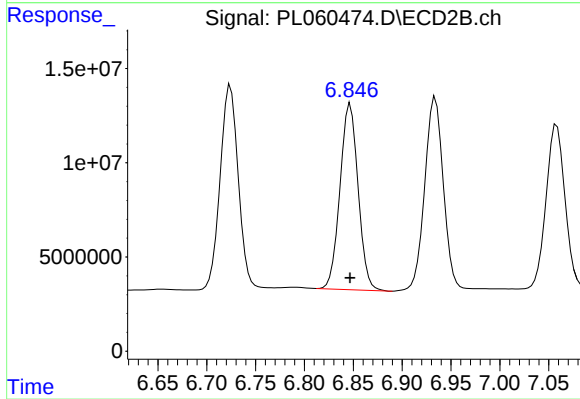
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 136561742  
Conc: 56.70 ng/ml



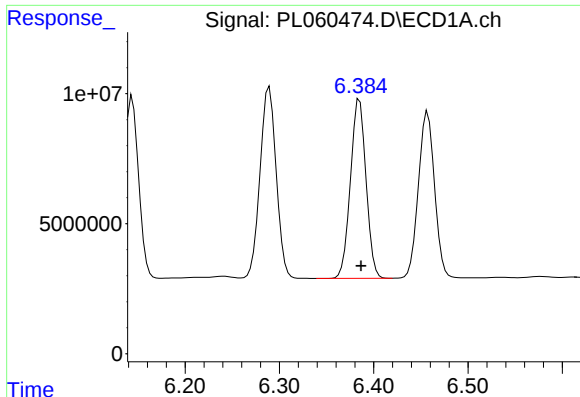
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: -0.002 min  
Response: 76598656  
Conc: 53.01 ng/ml



#16 4,4'-DDD

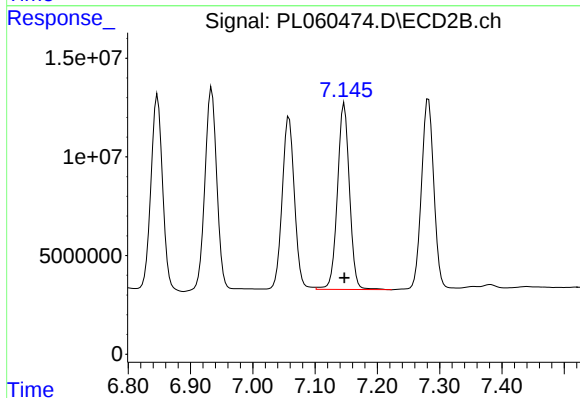
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 127610867  
Conc: 61.26 ng/ml



#17 4,4'-DDT

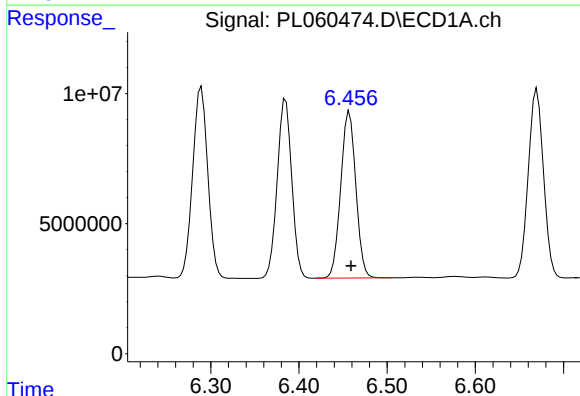
R.T.: 6.385 min  
Delta R.T.: -0.001 min  
Response: 79243613  
Conc: 58.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



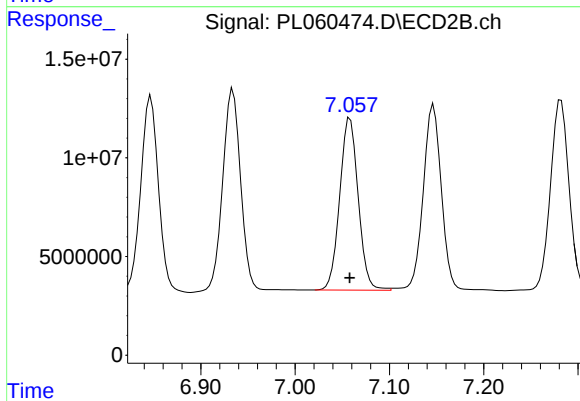
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 126769536  
Conc: 62.68 ng/ml



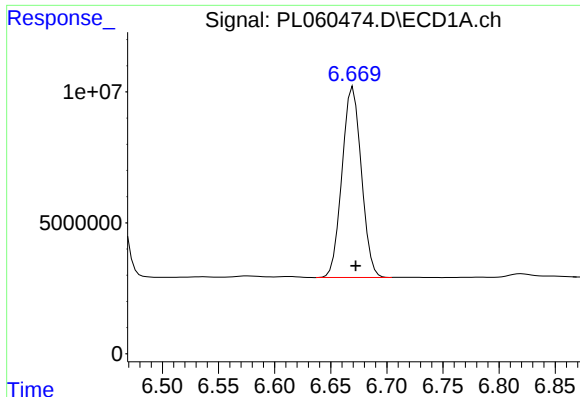
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: -0.002 min  
Response: 76201122  
Conc: 53.04 ng/ml



#18 Endrin aldehyde

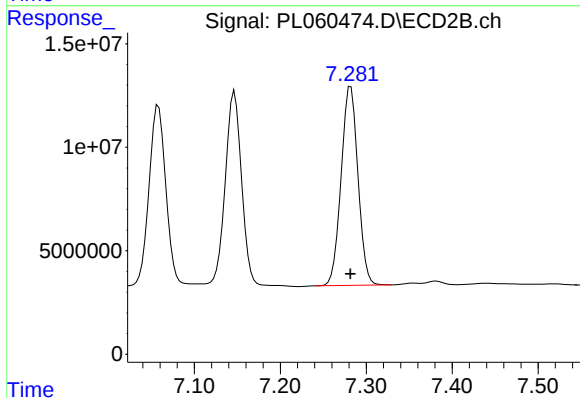
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 119012514  
Conc: 59.40 ng/ml



#19 Endosulfan Sulfate

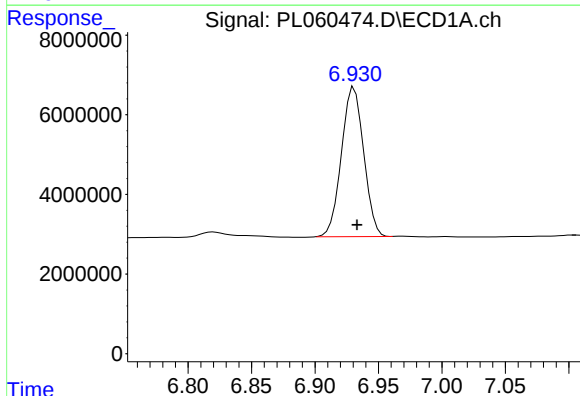
R.T.: 6.670 min  
Delta R.T.: -0.002 min  
Response: 87264145  
Conc: 54.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



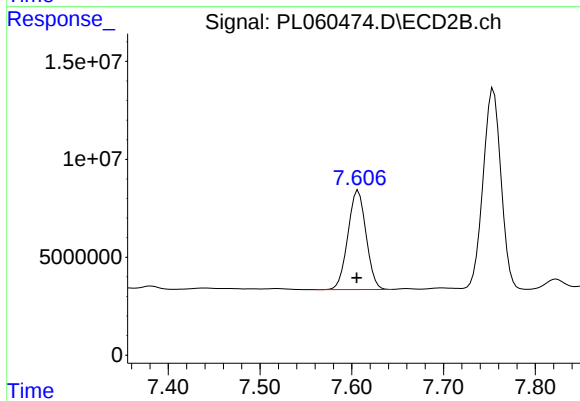
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 130946718  
Conc: 59.56 ng/ml



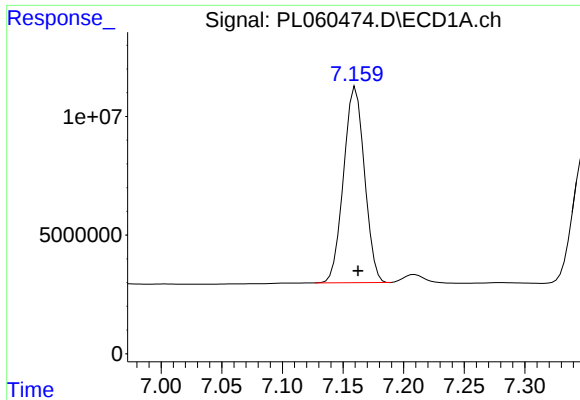
#20 Methoxychlor

R.T.: 6.931 min  
Delta R.T.: -0.002 min  
Response: 45821824  
Conc: 56.01 ng/ml



#20 Methoxychlor

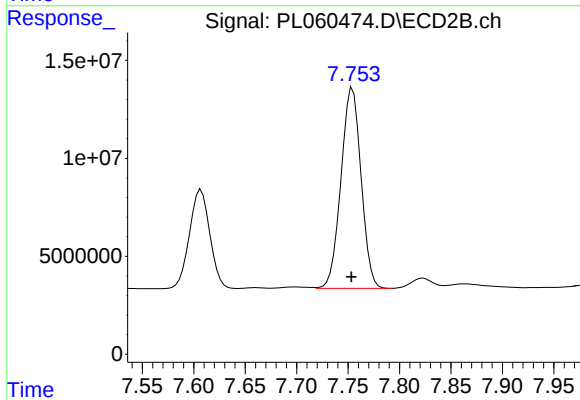
R.T.: 7.607 min  
Delta R.T.: 0.002 min  
Response: 69732596  
Conc: 60.55 ng/ml



#21 Endrin ketone

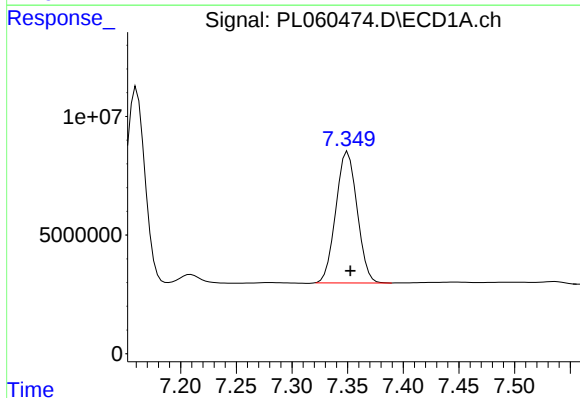
R.T.: 7.160 min  
Delta R.T.: -0.002 min  
Response: 98888032  
Conc: 58.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



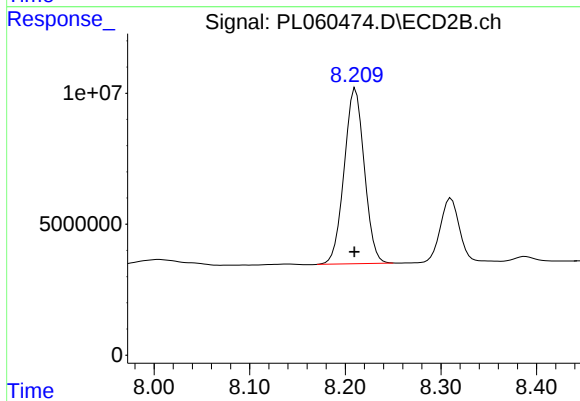
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.001 min  
Response: 139232973  
Conc: 63.18 ng/ml



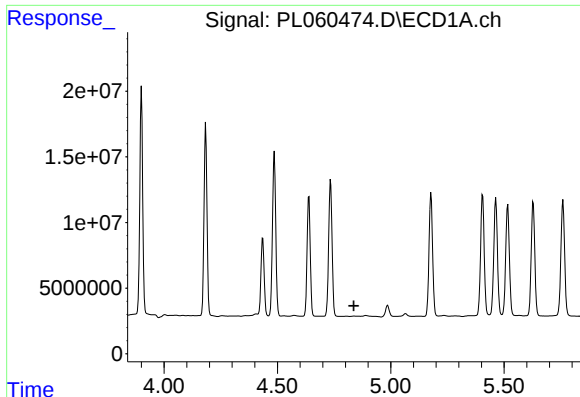
#22 Mirex

R.T.: 7.350 min  
Delta R.T.: -0.003 min  
Response: 73612964  
Conc: 53.92 ng/ml



#22 Mirex

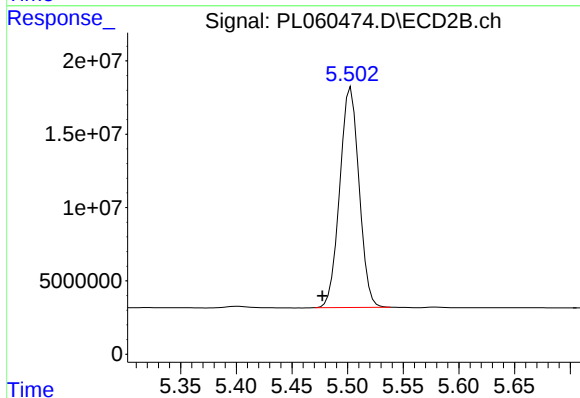
R.T.: 8.211 min  
Delta R.T.: 0.001 min  
Response: 98183970  
Conc: 62.70 ng/ml



#24 Chlordane-2

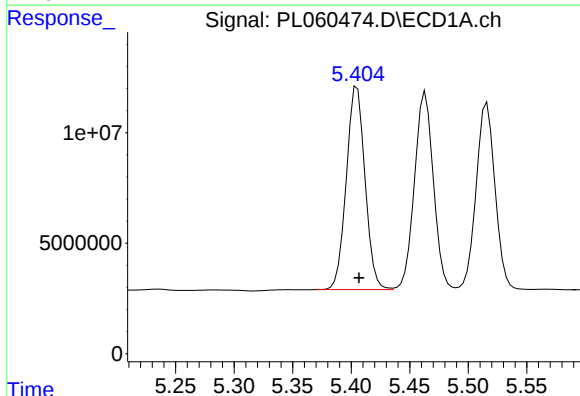
R.T.: 0.000 min  
Exp R.T.: 4.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



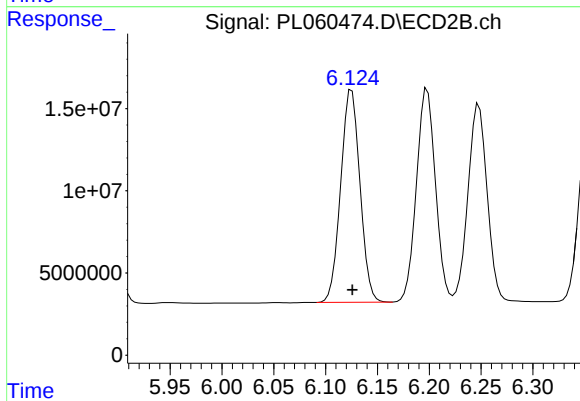
#24 Chlordane-2

R.T.: 5.503 min  
Delta R.T.: 0.026 min  
Response: 181331026  
Conc: 1782.00 ng/ml



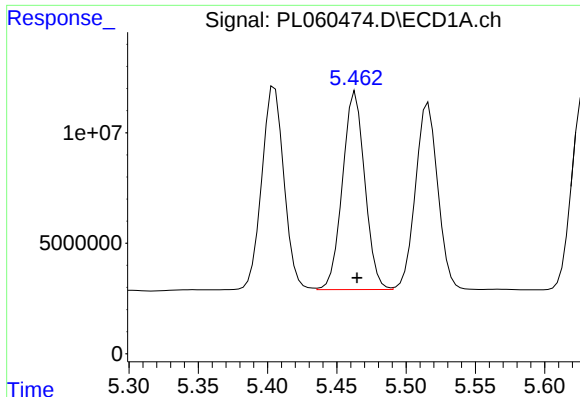
#25 Chlordane-3

R.T.: 5.405 min  
Delta R.T.: -0.002 min  
Response: 102190724  
Conc: 611.32 ng/ml



#25 Chlordane-3

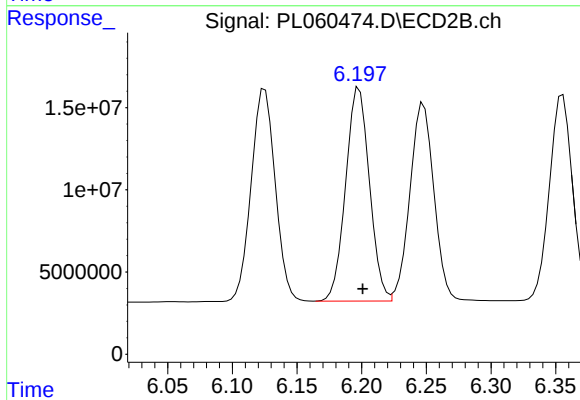
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 167471364  
Conc: 455.14 ng/ml



#26 Chlordane-4

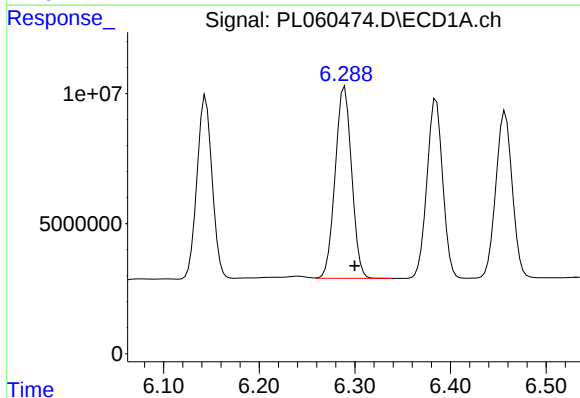
R.T.: 5.463 min  
Delta R.T.: -0.001 min  
Response: 100503371  
Conc: 729.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



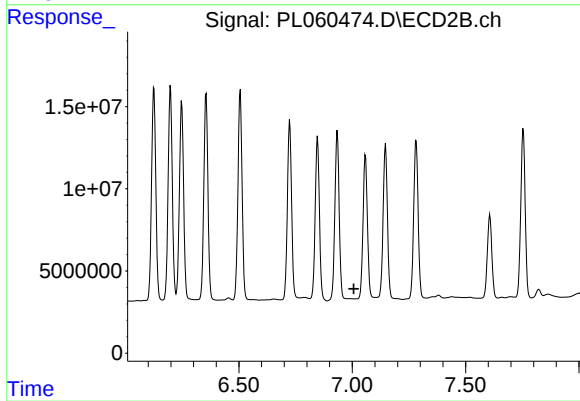
#26 Chlordane-4

R.T.: 6.198 min  
Delta R.T.: -0.003 min  
Response: 166071143  
Conc: 363.77 ng/ml



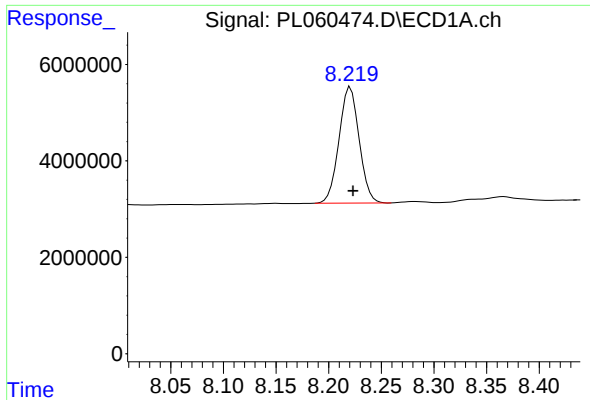
#27 Chlordane-5

R.T.: 6.289 min  
Delta R.T.: -0.010 min  
Response: 87955569  
Conc: 1554.55 ng/ml



#27 Chlordane-5

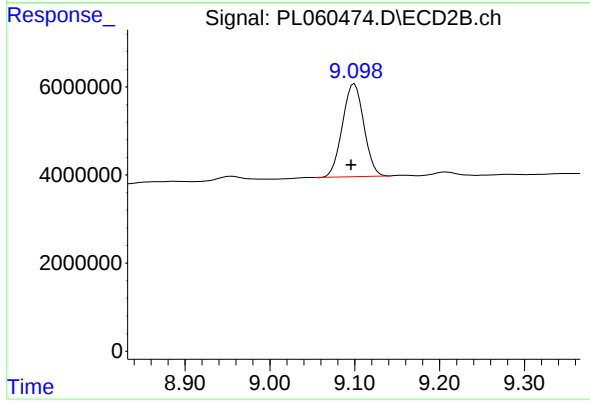
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.221 min  
Delta R.T.: -0.002 min  
Response: 32149970  
Conc: 21.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.004 min  
Response: 36885953  
Conc: 20.51 ng/ml