

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
 Data File : PL089342.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2024 20:14  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 02 23:13:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.551  | 2.797  | 103.6E6  | 72348009 | 51.433  | 56.388    |
| 28)                         | SA Decachlor... | 9.065  | 7.948  | 68162862 | 67325490 | 48.722  | 50.049    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.006  | 3.302  | 148.7E6  | 110.3E6  | 52.137  | 58.449    |
| 3)                          | MA gamma-BHC... | 4.339  | 3.633  | 143.9E6  | 106.2E6  | 51.693  | 57.555    |
| 4)                          | MA Heptachlor   | 4.929  | 3.975  | 121.8E6  | 96279245 | 49.107  | 54.944    |
| 5)                          | MB Aldrin       | 5.271  | 4.256  | 128.9E6  | 101.8E6  | 50.184  | 57.588    |
| 6)                          | B beta-BHC      | 4.533  | 3.930  | 63941985 | 45672057 | 50.685  | 55.939    |
| 7)                          | B delta-BHC     | 4.781  | 4.162  | 137.3E6  | 104.3E6  | 51.768  | 57.960    |
| 8)                          | B Heptachlo...  | 5.696  | 4.759  | 121.8E6  | 91084485 | 51.909  | 56.337    |
| 9)                          | A Endosulfan I  | 6.081  | 5.130  | 107.8E6  | 83697783 | 50.143  | 55.885    |
| 10)                         | B gamma-Chl...  | 5.952  | 5.010  | 116.3E6  | 92529736 | 50.856  | 56.388    |
| 11)                         | B alpha-Chl...  | 6.031  | 5.074  | 114.3E6  | 92603441 | 50.248  | 56.151    |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.263  | 100.5E6  | 83651129 | 49.661  | 57.533    |
| 13)                         | MA Dieldrin     | 6.357  | 5.395  | 112.1E6  | 91238575 | 50.074  | 56.715    |
| 14)                         | MA Endrin       | 6.586  | 5.670  | 88778790 | 74028067 | 46.865  | 51.492    |
| 15)                         | B Endosulfa...  | 6.804  | 5.964  | 97325558 | 78726969 | 48.765  | 54.735    |
| 16)                         | A 4,4'-DDD      | 6.719  | 5.817  | 89379463 | 75575414 | 52.981  | 61.282    |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.069  | 80308733 | 65085084 | 43.670  | 48.105    |
| 18)                         | B Endrin al...  | 6.934  | 6.143  | 76179586 | 61249402 | 50.374  | 55.065    |
| 19)                         | B Endosulfa...  | 7.168  | 6.366  | 89410966 | 75486728 | 49.429  | 54.418    |
| 20)                         | A Methoxychlor  | 7.507  | 6.644  | 42745051 | 37050331 | 43.467  | 46.337    |
| 21)                         | B Endrin ke...  | 7.652  | 6.872  | 102.3E6  | 91295675 | 51.106  | 57.096    |
| 22)                         | Mirex           | 8.127  | 7.055  | 75480990 | 70654989 | 48.569  | 51.791    |
| 23)                         | Chlordane-1     | 0.000  | 3.798  | 0        | 19635    | N.D.    | 0.399 #   |
| 24)                         | Chlordane-2     | 5.215f | 4.381  | 126463   | 192241   | 1.203   | 3.022 #   |
| 25)                         | Chlordane-3     | 5.952  | 5.010  | 116.3E6  | 92529736 | 352.005 | 540.412 # |
| 26)                         | Chlordane-4     | 6.031  | 5.074  | 114.3E6  | 92603441 | 280.404 | 575.732 # |
| 27)                         | Chlordane-5     | 0.000  | 5.763f | 0        | 183981   | N.D.    | 3.595 #   |
| -----                       |                 |        |        |          |          |         |           |

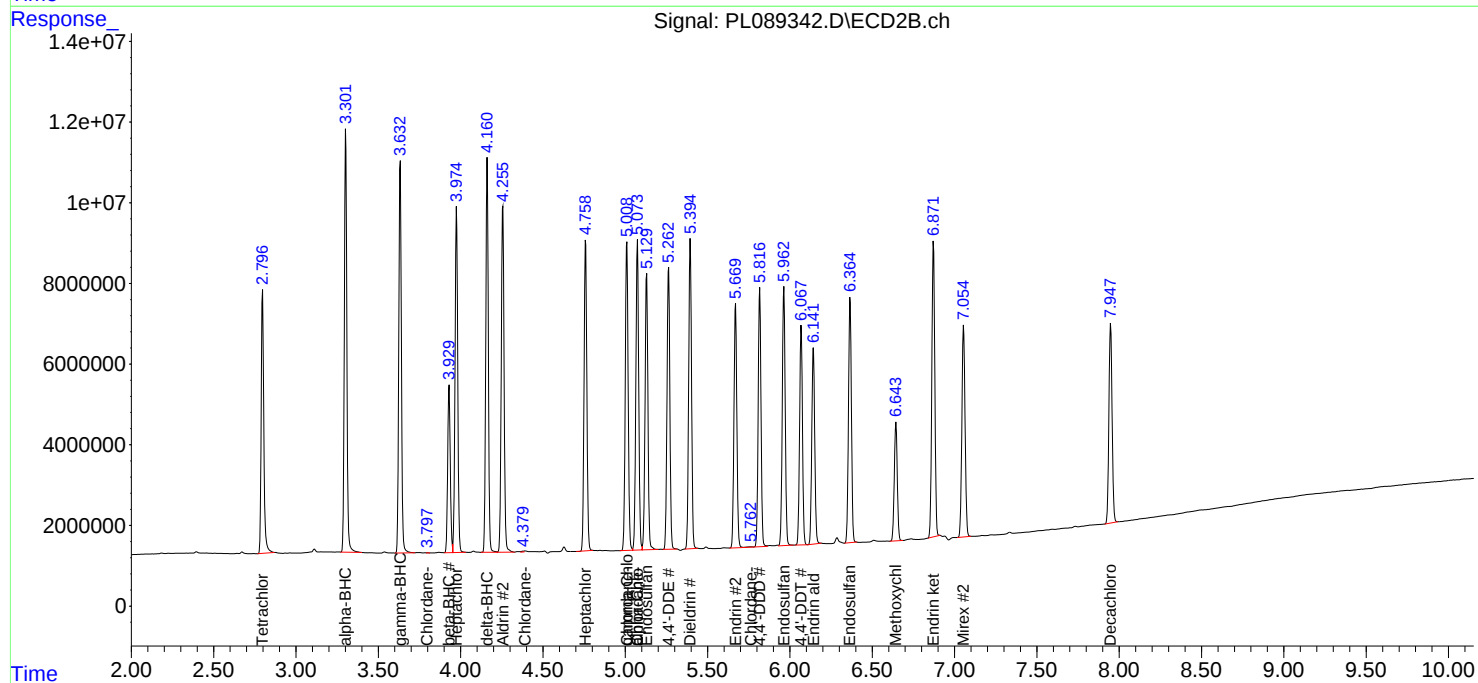
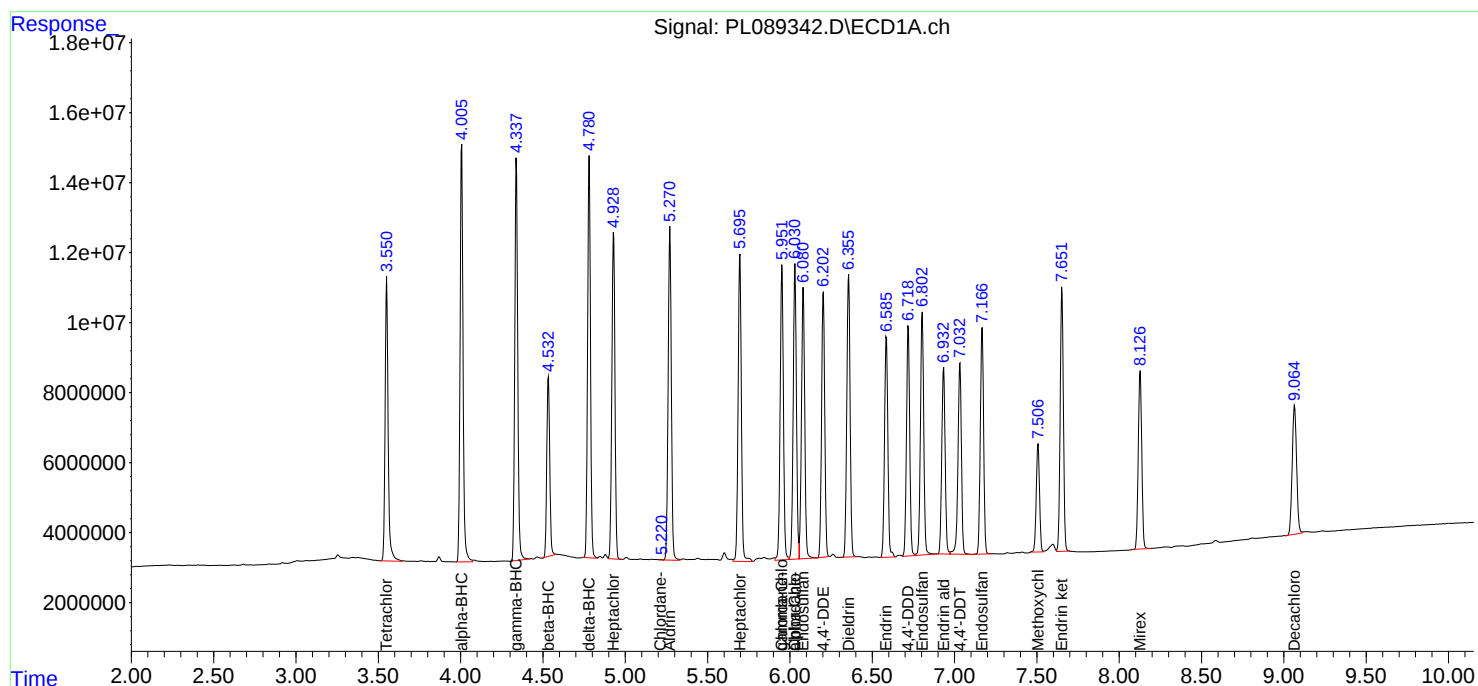
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

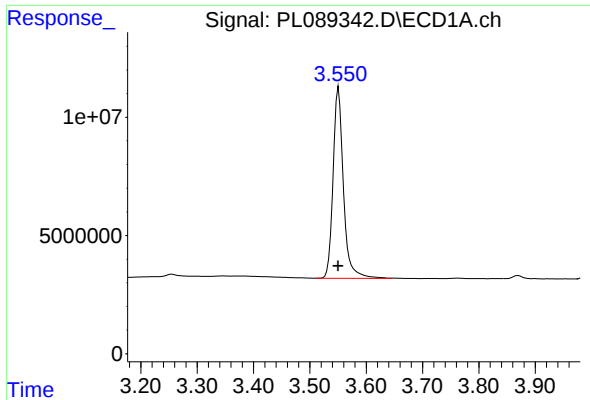
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050224\  
Data File : PL089342.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2024 20:14  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 23:13:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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

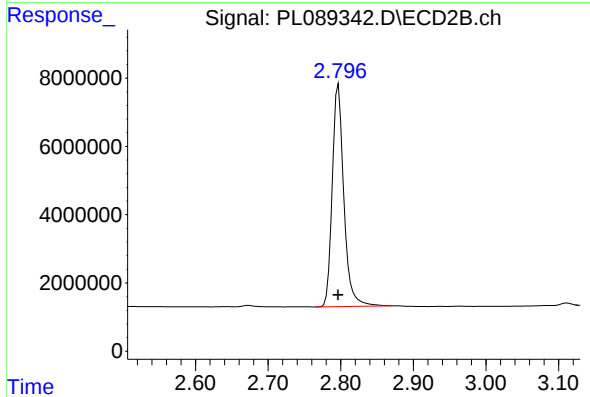




#1 Tetrachloro-m-xylene

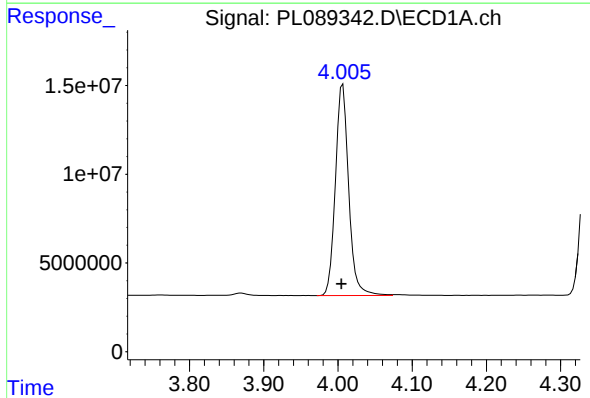
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 103568638  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



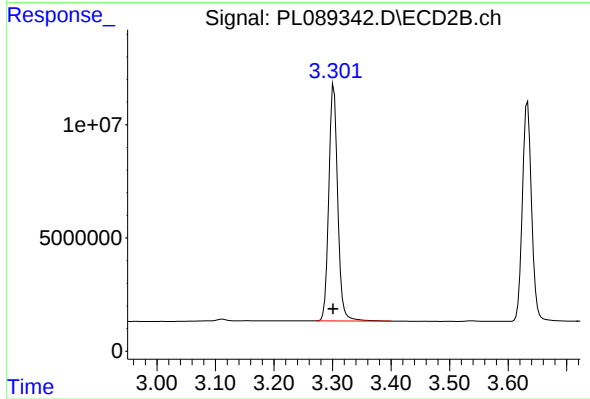
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 72348009  
Conc: 56.39 ng/ml



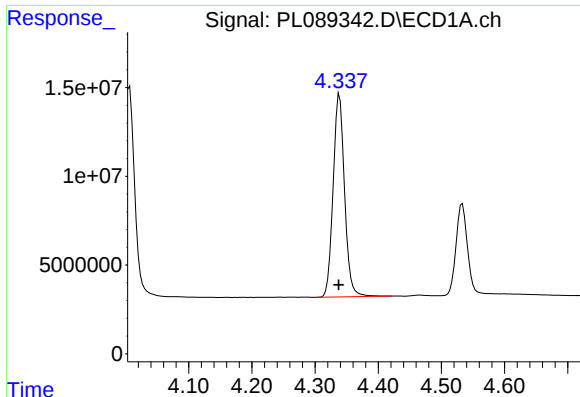
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.002 min  
Response: 148683816  
Conc: 52.14 ng/ml



#2 alpha-BHC

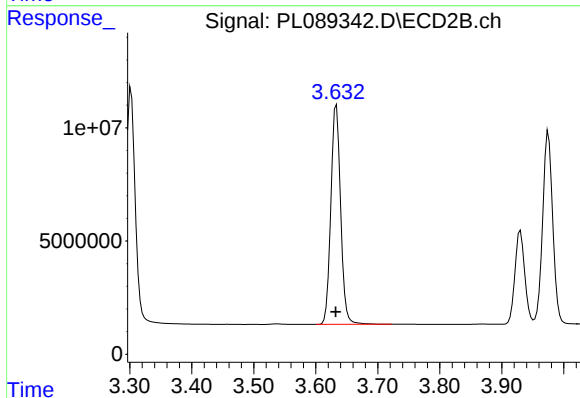
R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 110286745  
Conc: 58.45 ng/ml



#3 gamma-BHC (Lindane)

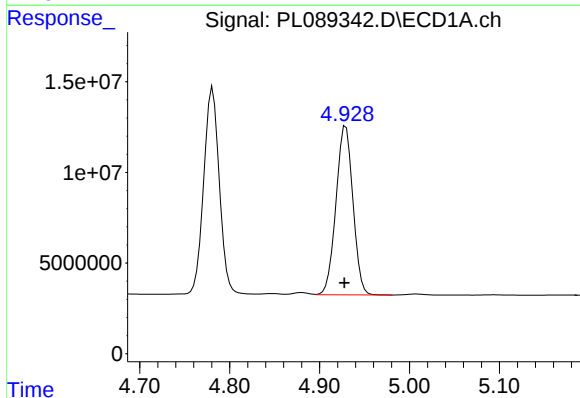
R.T.: 4.339 min  
Delta R.T.: 0.001 min  
Response: 143909374  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



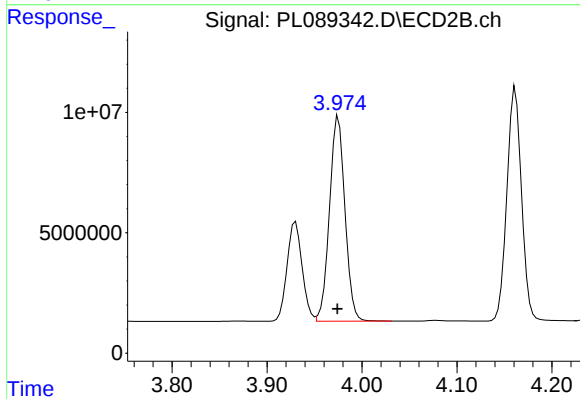
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.001 min  
Response: 106203451  
Conc: 57.55 ng/ml



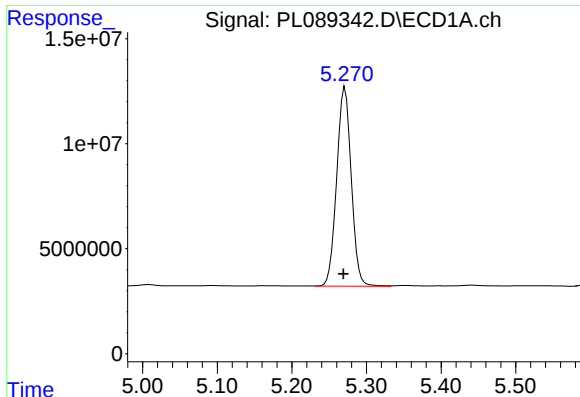
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 121790594  
Conc: 49.11 ng/ml



#4 Heptachlor

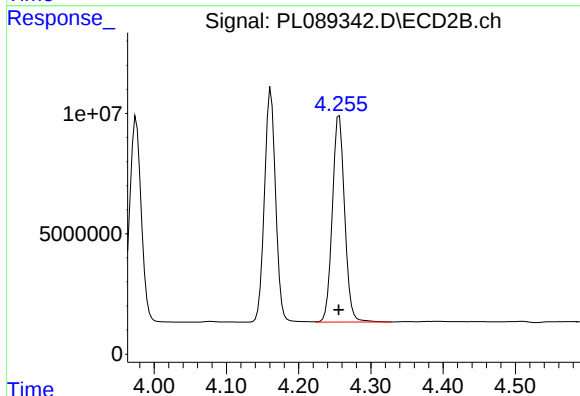
R.T.: 3.975 min  
Delta R.T.: 0.001 min  
Response: 96279245  
Conc: 54.94 ng/ml



#5 Aldrin

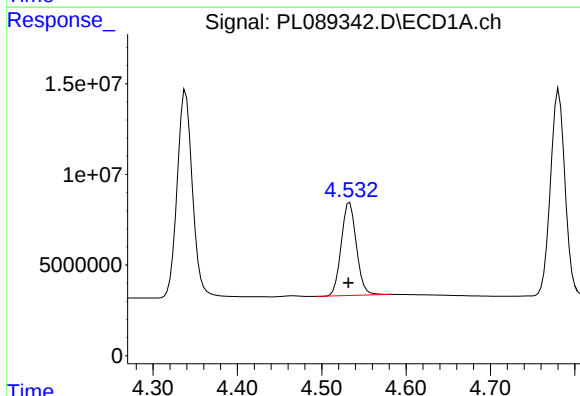
R.T.: 5.271 min  
Delta R.T.: 0.002 min  
Response: 128883751  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



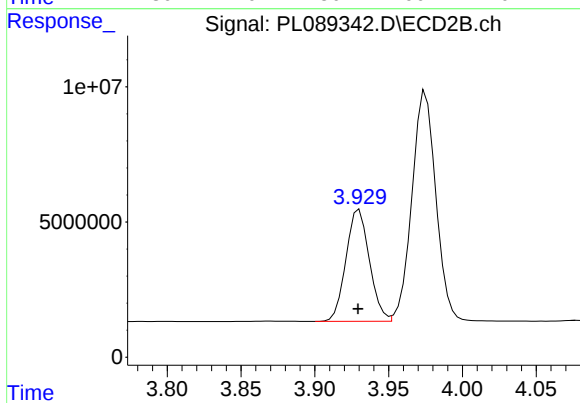
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 101805191  
Conc: 57.59 ng/ml



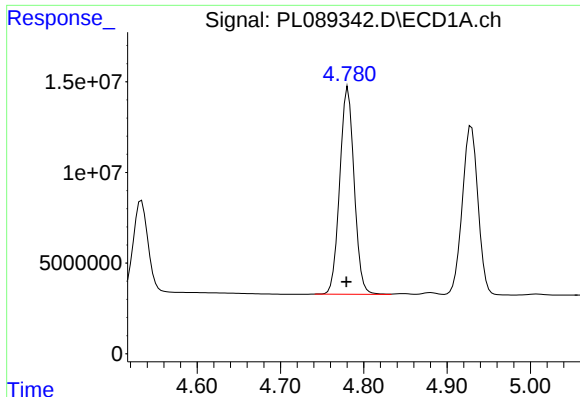
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.002 min  
Response: 63941985  
Conc: 50.68 ng/ml



#6 beta-BHC

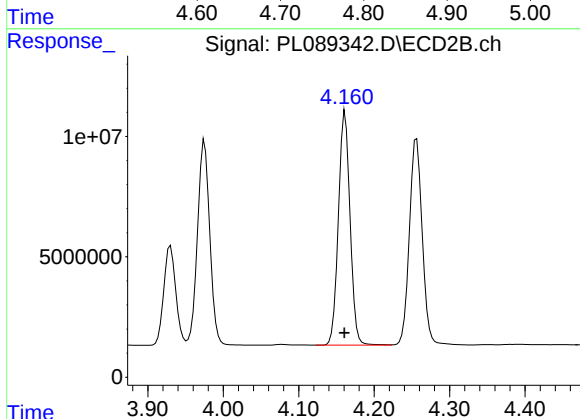
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 45672057  
Conc: 55.94 ng/ml



#7 delta-BHC

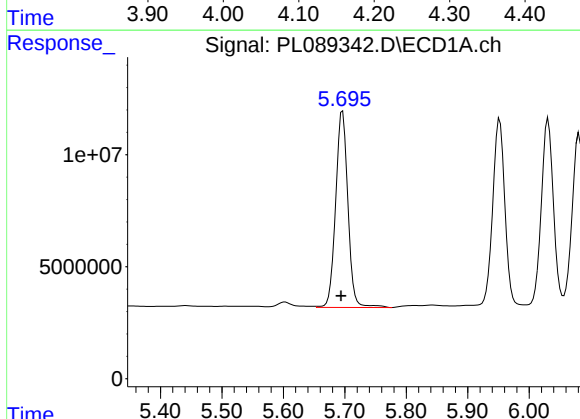
R.T.: 4.781 min  
Delta R.T.: 0.002 min  
Response: 137290784  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



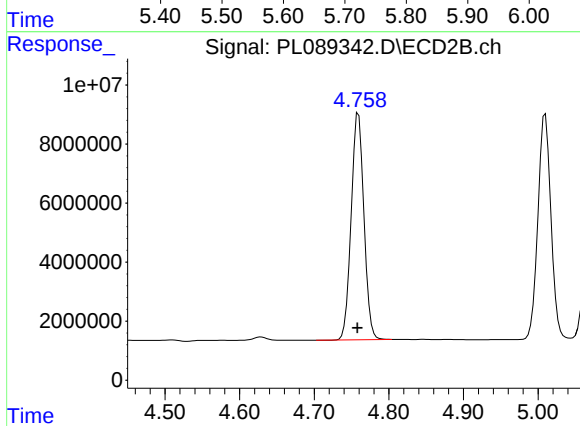
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 104281860  
Conc: 57.96 ng/ml



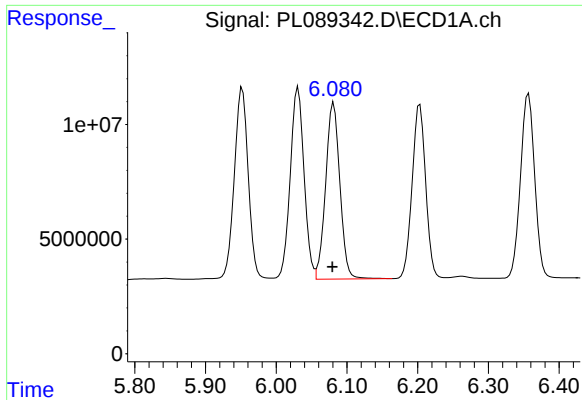
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.002 min  
Response: 121750543  
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

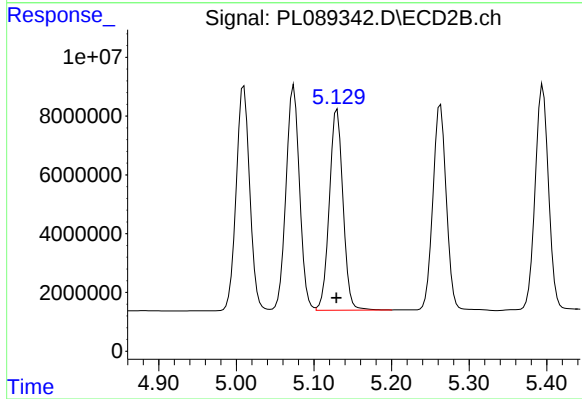
R.T.: 4.759 min  
Delta R.T.: 0.001 min  
Response: 91084485  
Conc: 56.34 ng/ml



#9 Endosulfan I

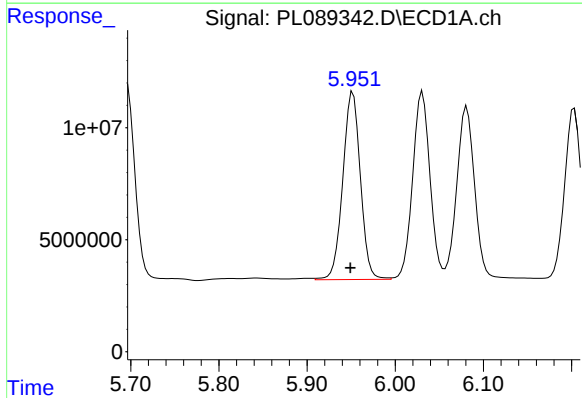
R.T.: 6.081 min  
Delta R.T.: 0.002 min  
Response: 107797268  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



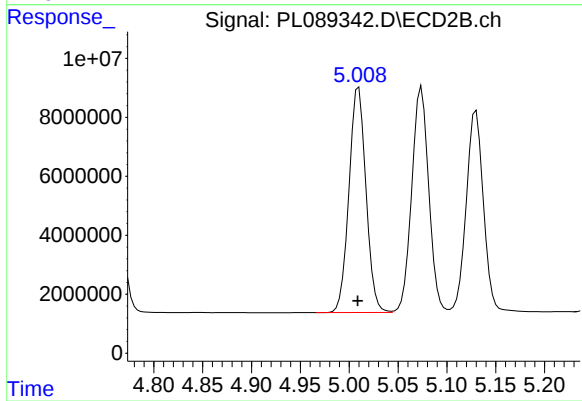
#9 Endosulfan I

R.T.: 5.130 min  
Delta R.T.: 0.001 min  
Response: 83697783  
Conc: 55.88 ng/ml



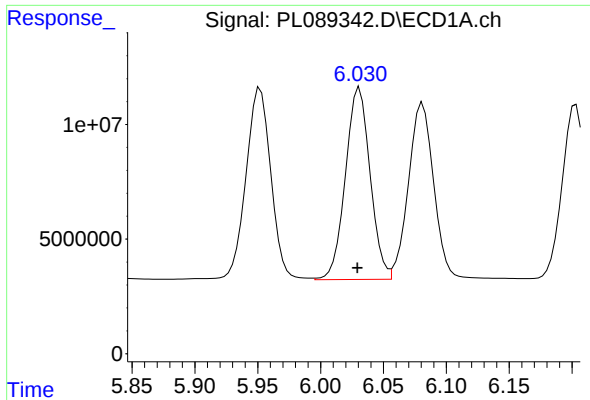
#10 gamma-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.003 min  
Response: 116252427  
Conc: 50.86 ng/ml



#10 gamma-Chlordane

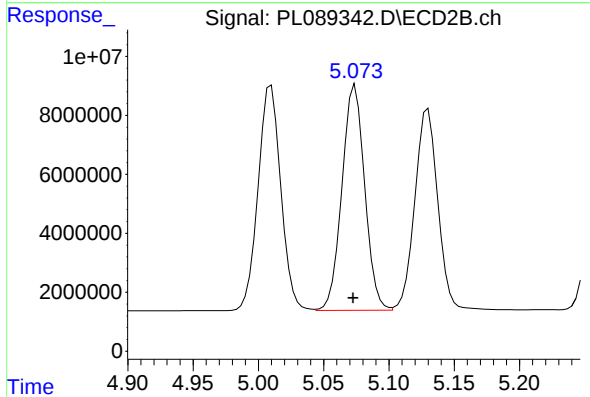
R.T.: 5.010 min  
Delta R.T.: 0.001 min  
Response: 92529736  
Conc: 56.39 ng/ml



#11 alpha-Chlordane

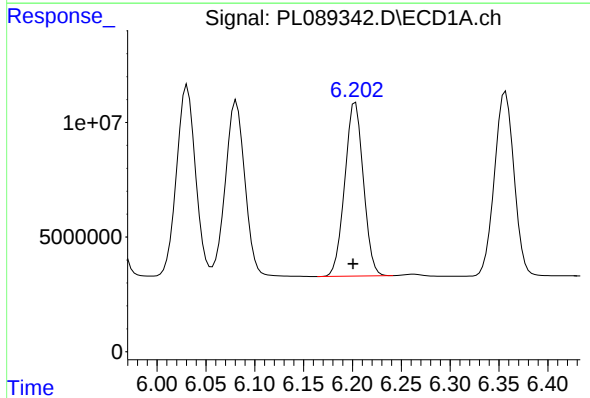
R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 114299591  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



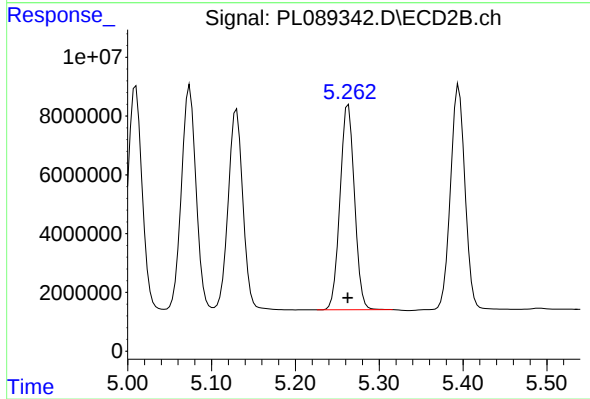
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: 0.002 min  
Response: 92603441  
Conc: 56.15 ng/ml



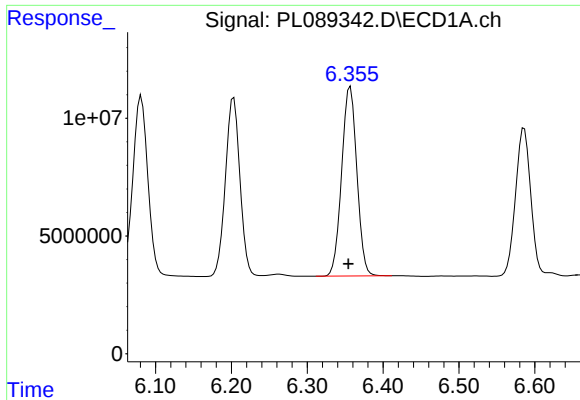
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.003 min  
Response: 100482773  
Conc: 49.66 ng/ml



#12 4,4'-DDE

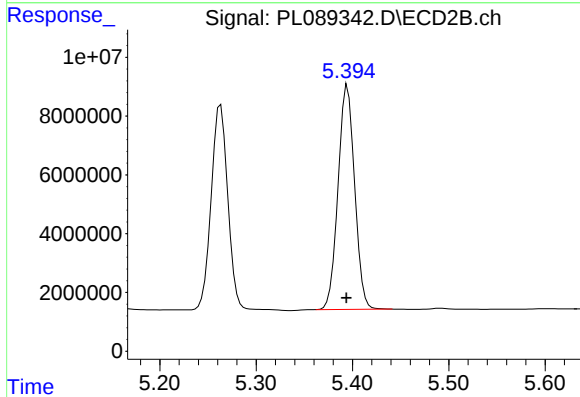
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 83651129  
Conc: 57.53 ng/ml



#13 Dieldrin

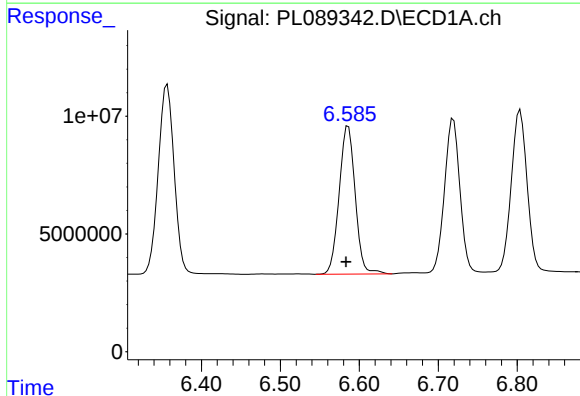
R.T.: 6.357 min  
Delta R.T.: 0.003 min  
Response: 112088439  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



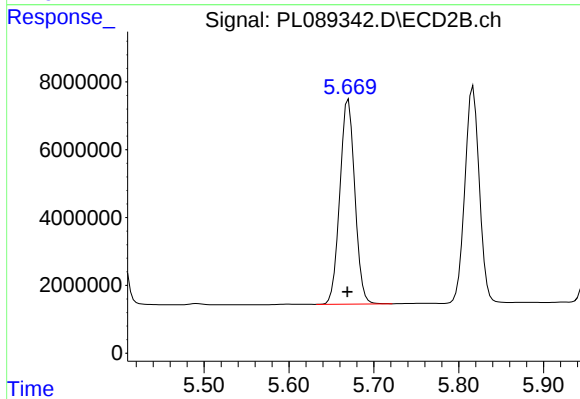
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: 0.001 min  
Response: 91238575  
Conc: 56.72 ng/ml



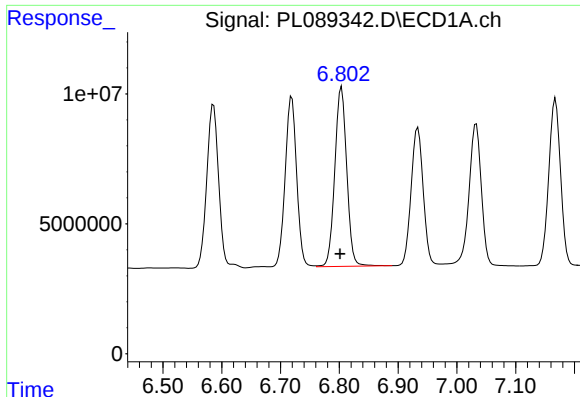
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.003 min  
Response: 88778790  
Conc: 46.87 ng/ml



#14 Endrin

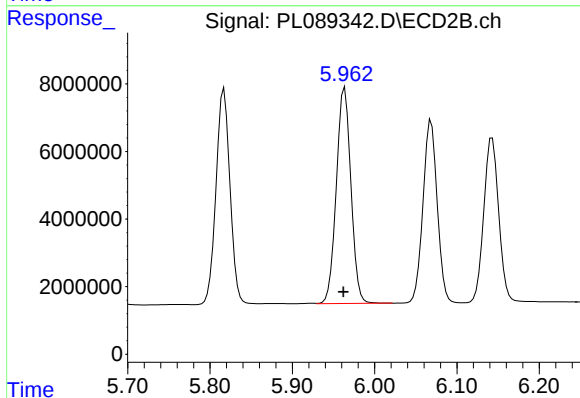
R.T.: 5.670 min  
Delta R.T.: 0.001 min  
Response: 74028067  
Conc: 51.49 ng/ml



#15 Endosulfan II

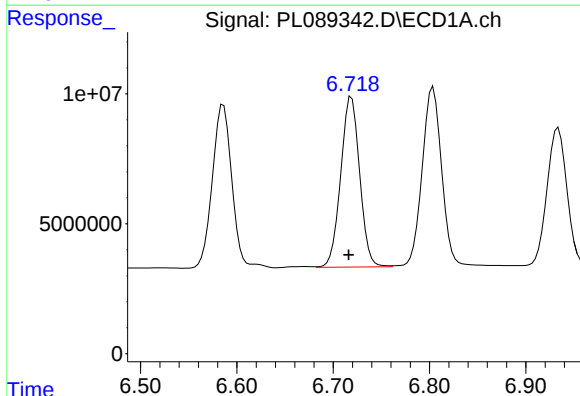
R.T.: 6.804 min  
Delta R.T.: 0.003 min  
Response: 97325558  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



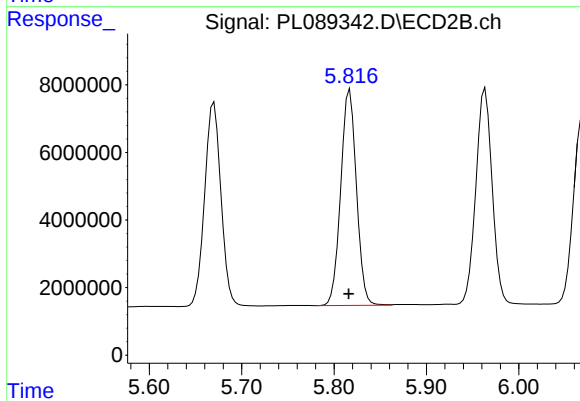
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: 0.002 min  
Response: 78726969  
Conc: 54.74 ng/ml



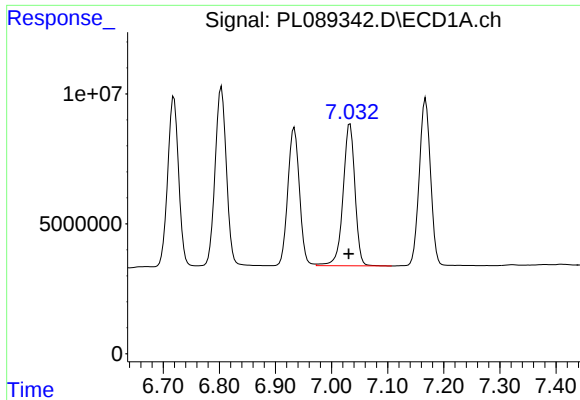
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.003 min  
Response: 89379463  
Conc: 52.98 ng/ml



#16 4,4'-DDD

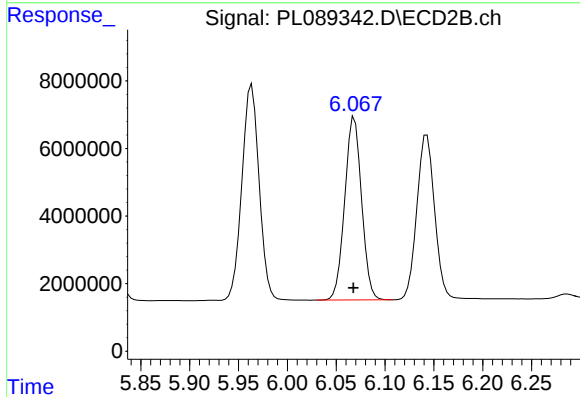
R.T.: 5.817 min  
Delta R.T.: 0.001 min  
Response: 75575414  
Conc: 61.28 ng/ml



#17 4,4'-DDT

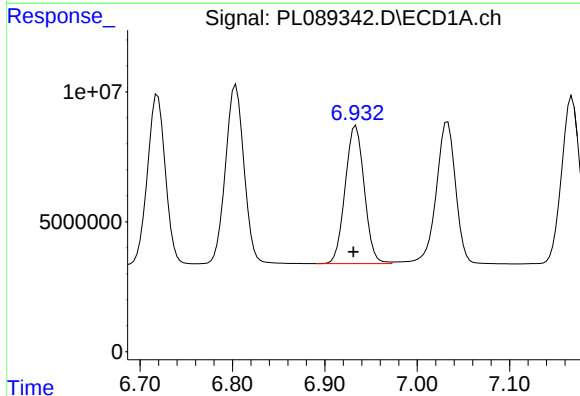
R.T.: 7.033 min  
Delta R.T.: 0.002 min  
Response: 80308733  
Conc: 43.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



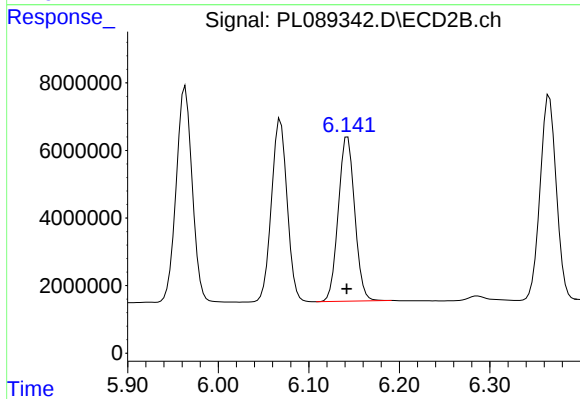
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: 0.001 min  
Response: 65085084  
Conc: 48.10 ng/ml



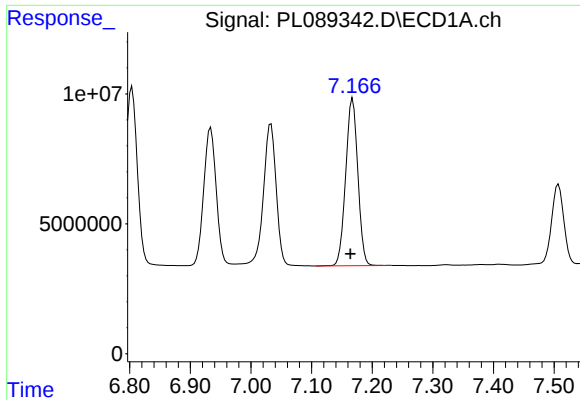
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.003 min  
Response: 76179586  
Conc: 50.37 ng/ml



#18 Endrin aldehyde

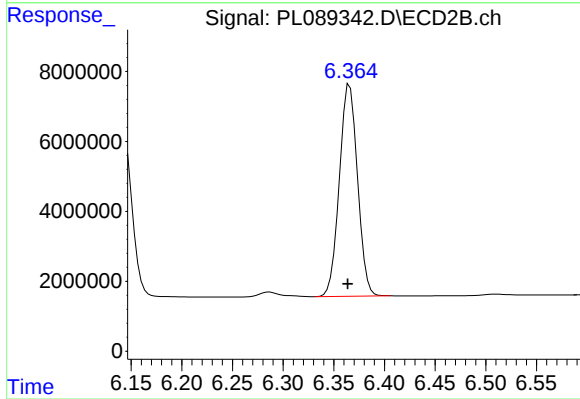
R.T.: 6.143 min  
Delta R.T.: 0.001 min  
Response: 61249402  
Conc: 55.06 ng/ml



#19 Endosulfan Sulfate

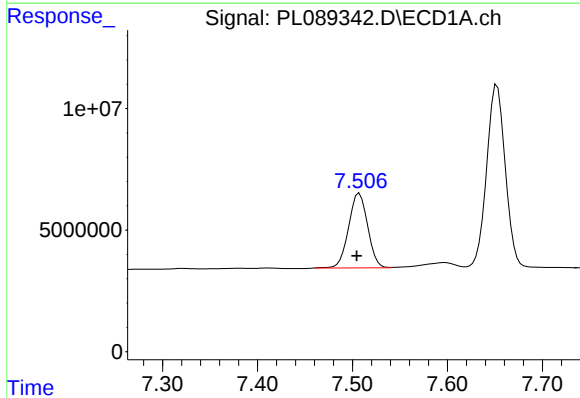
R.T.: 7.168 min  
Delta R.T.: 0.004 min  
Response: 89410966  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



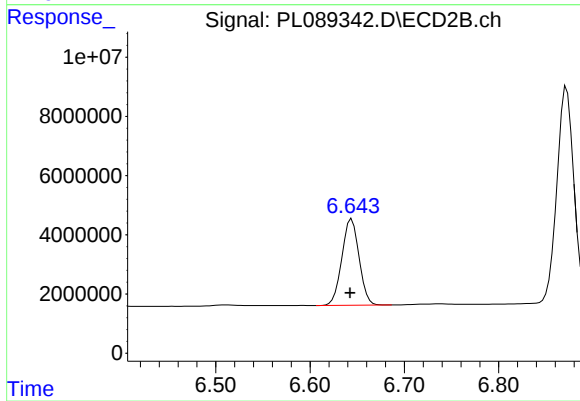
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.002 min  
Response: 75486728  
Conc: 54.42 ng/ml



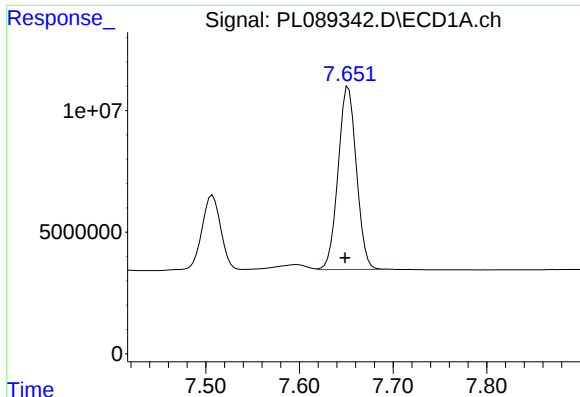
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.003 min  
Response: 42745051  
Conc: 43.47 ng/ml



#20 Methoxychlor

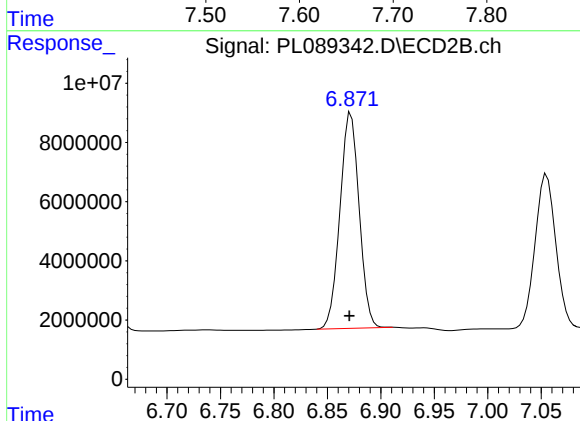
R.T.: 6.644 min  
Delta R.T.: 0.002 min  
Response: 37050331  
Conc: 46.34 ng/ml



#21 Endrin ketone

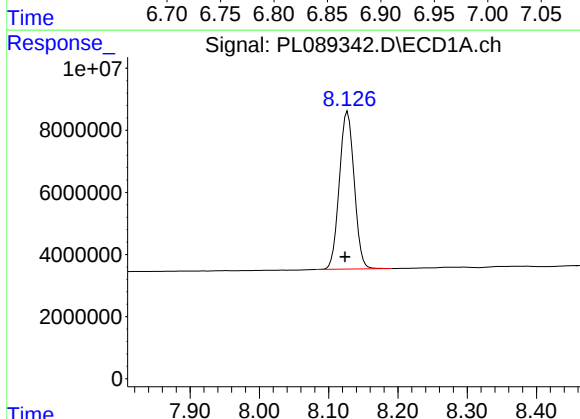
R.T.: 7.652 min  
Delta R.T.: 0.003 min  
Response: 102294879  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



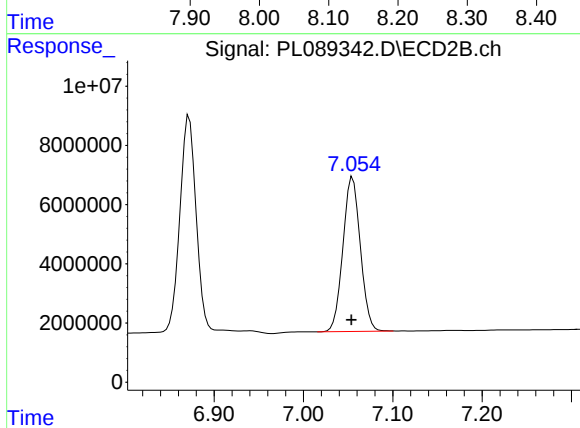
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: 0.002 min  
Response: 91295675  
Conc: 57.10 ng/ml



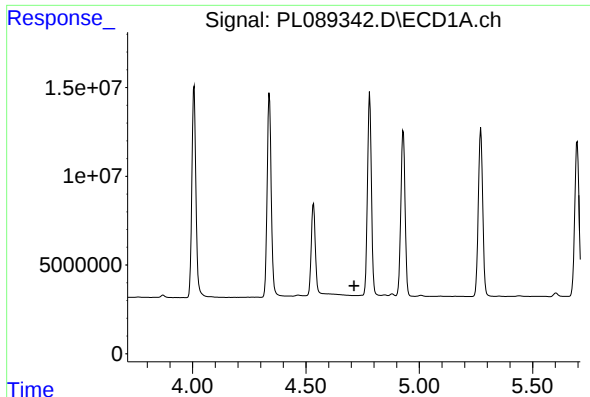
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.004 min  
Response: 75480990  
Conc: 48.57 ng/ml



#22 Mirex

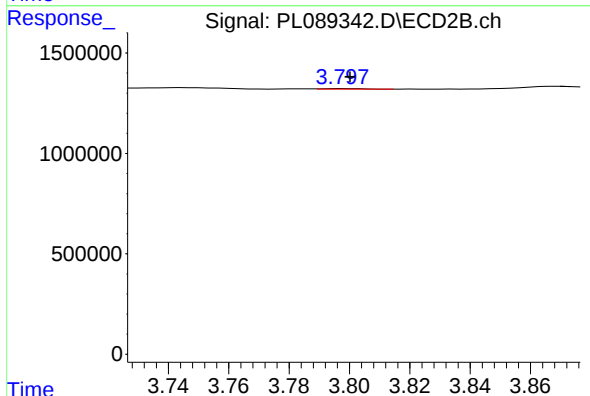
R.T.: 7.055 min  
Delta R.T.: 0.001 min  
Response: 70654989  
Conc: 51.79 ng/ml



#23 Chlordane-1

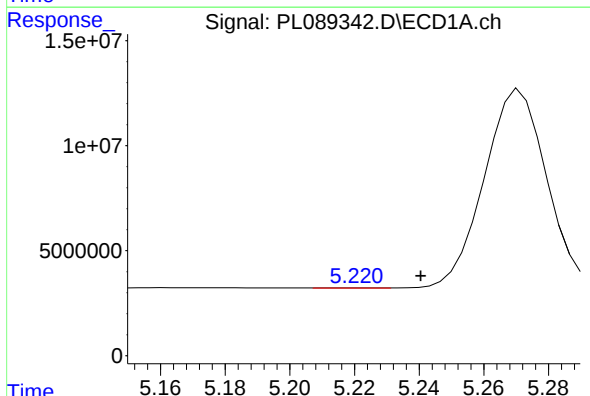
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



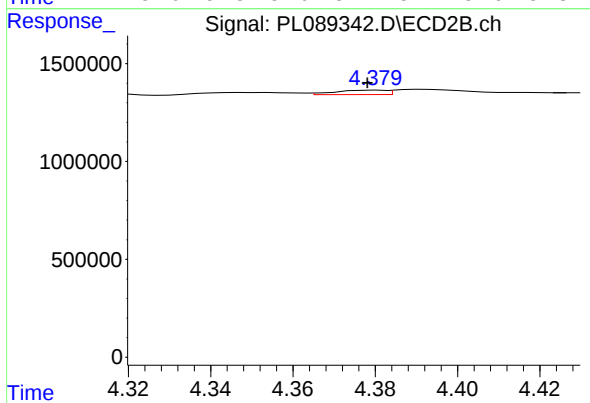
#23 Chlordane-1

R.T.: 3.798 min  
Delta R.T.: -0.002 min  
Response: 19635  
Conc: 0.40 ng/ml



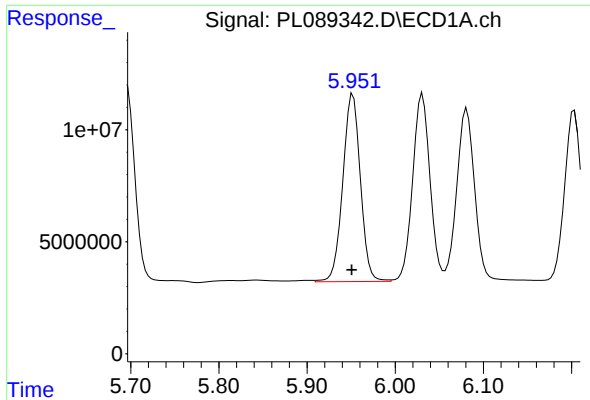
#24 Chlordane-2

R.T.: 5.215 min  
Delta R.T.: -0.026 min  
Response: 126463  
Conc: 1.20 ng/ml



#24 Chlordane-2

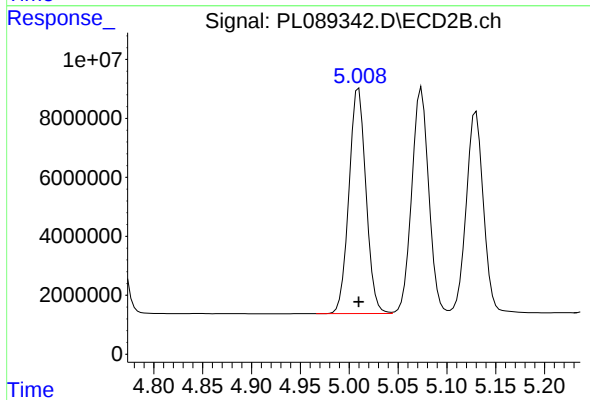
R.T.: 4.381 min  
Delta R.T.: 0.003 min  
Response: 192241  
Conc: 3.02 ng/ml



#25 Chlordane-3

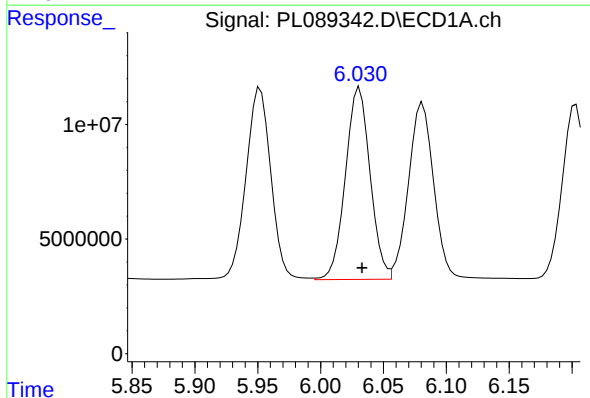
R.T.: 5.952 min  
Delta R.T.: 0.001 min  
Response: 116252427  
Conc: 352.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



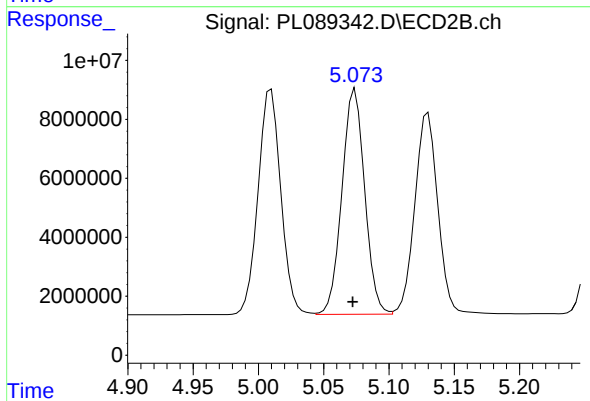
#25 Chlordane-3

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 92529736  
Conc: 540.41 ng/ml



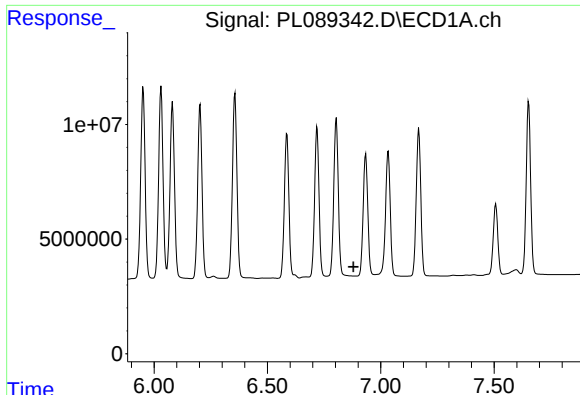
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 114299591  
Conc: 280.40 ng/ml



#26 Chlordane-4

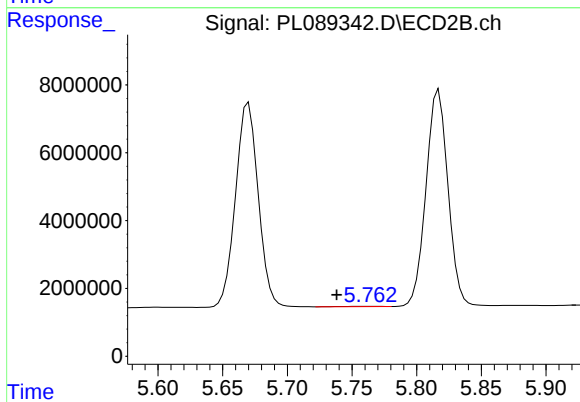
R.T.: 5.074 min  
Delta R.T.: 0.002 min  
Response: 92603441  
Conc: 575.73 ng/ml



#27 Chlordane-5

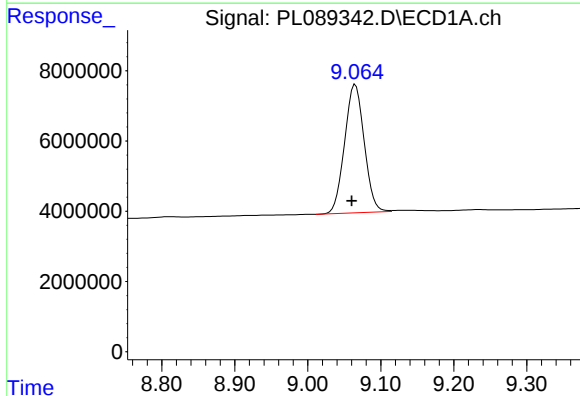
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



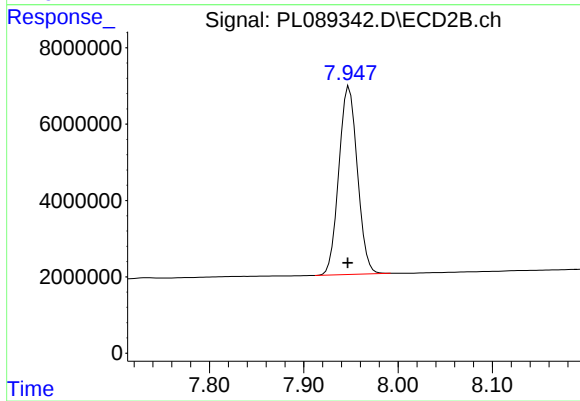
#27 Chlordane-5

R.T.: 5.763 min  
Delta R.T.: 0.025 min  
Response: 183981  
Conc: 3.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.005 min  
Response: 68162862  
Conc: 48.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: 0.002 min  
Response: 67325490  
Conc: 50.05 ng/ml