

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051624\  
 Data File : PL089555.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2024 02:37  
 Operator : AR\AJ  
 Sample : PB160947BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC50

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 04:12:51 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... | 3.552 | 2.797  | 96759196 | 65965570 | 48.051  | 51.413    |
| 28)                         | SA Decachlor... | 9.067 | 7.948  | 66433905 | 62895396 | 47.486  | 46.756    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.007 | 3.302  | 138.0E6  | 99921475 | 48.387  | 52.956    |
| 3)                          | MA gamma-BHC... | 4.339 | 3.633  | 133.2E6  | 97348448 | 47.847  | 52.756    |
| 4)                          | MA Heptachlor   | 4.929 | 3.975  | 116.0E6  | 90959588 | 46.781  | 51.909    |
| 5)                          | MB Aldrin       | 5.271 | 4.256  | 123.8E6  | 92882248 | 48.223  | 52.541    |
| 6)                          | B beta-BHC      | 4.534 | 3.930  | 59690784 | 42049319 | 47.315  | 51.502    |
| 7)                          | B delta-BHC     | 4.782 | 4.161  | 125.5E6  | 95196159 | 47.319  | 52.910    |
| 8)                          | B Heptachlo...  | 5.697 | 4.759  | 109.2E6  | 82696733 | 46.573  | 51.149    |
| 9)                          | A Endosulfan I  | 6.082 | 5.129  | 97558289 | 75388076 | 45.380  | 50.336    |
| 10)                         | B gamma-Chl...  | 5.952 | 5.009  | 104.4E6  | 83731354 | 45.664  | 51.026    |
| 11)                         | B alpha-Chl...  | 6.032 | 5.073  | 103.0E6  | 83815697 | 45.270  | 50.822    |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.262  | 91120069 | 75315708 | 45.034  | 51.800    |
| 13)                         | MA Dieldrin     | 6.357 | 5.394  | 101.8E6  | 82214087 | 45.472  | 51.105    |
| 14)                         | MA Endrin       | 6.586 | 5.669  | 87312232 | 74113382 | 46.091  | 51.551    |
| 15)                         | B Endosulfa...  | 6.805 | 5.963  | 88408835 | 71230655 | 44.297  | 49.523    |
| 16)                         | A 4,4'-DDD      | 6.719 | 5.817  | 76714065 | 63207919 | 45.474  | 51.253    |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.068  | 78537574 | 65990795 | 42.707  | 48.774    |
| 18)                         | B Endrin al...  | 6.934 | 6.142  | 68461090 | 53541707 | 45.270  | 48.135    |
| 19)                         | B Endosulfa...  | 7.168 | 6.364  | 81475060 | 67310437 | 45.042  | 48.523    |
| 20)                         | A Methoxychlor  | 7.508 | 6.643  | 43314069 | 38446545 | 44.045  | 48.083    |
| 21)                         | B Endrin ke...  | 7.654 | 6.871  | 90279859 | 77830327 | 45.103  | 48.675    |
| 22)                         | Mirex           | 8.128 | 7.055  | 69857499 | 63573399 | 44.950  | 46.600    |
| 23)                         | Chlordane-1     | 4.711 | 3.796  | 18192    | 92687    | 0.199   | 1.884 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.392  | 0        | 480662   | N.D.    | 7.556 #   |
| 25)                         | Chlordane-3     | 5.952 | 5.009  | 104.4E6  | 83731354 | 316.067 | 489.025 # |
| 26)                         | Chlordane-4     | 6.032 | 5.073  | 103.0E6  | 83815697 | 252.625 | 521.097 # |
| 27)                         | Chlordane-5     | 6.879 | 5.763f | 328459   | 161818   | 3.947   | 3.162     |
| -----                       |                 |       |        |          |          |         |           |

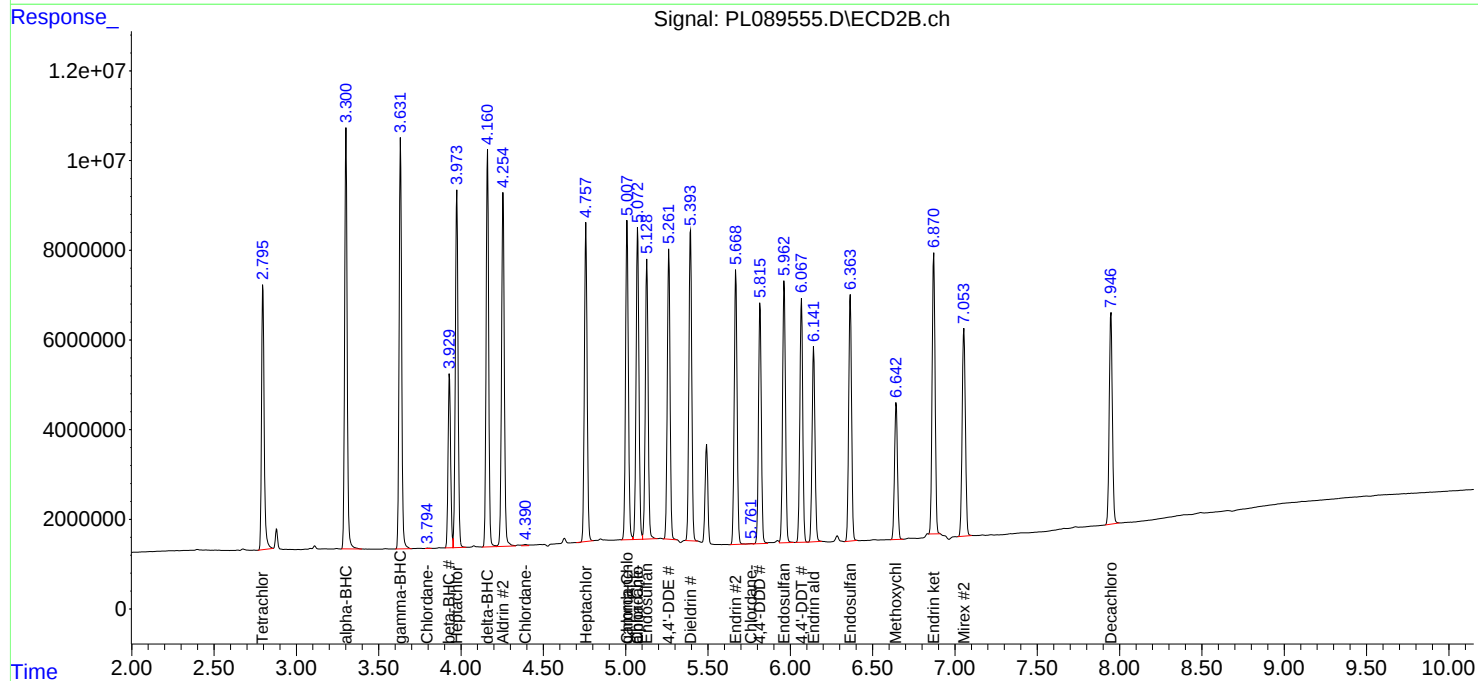
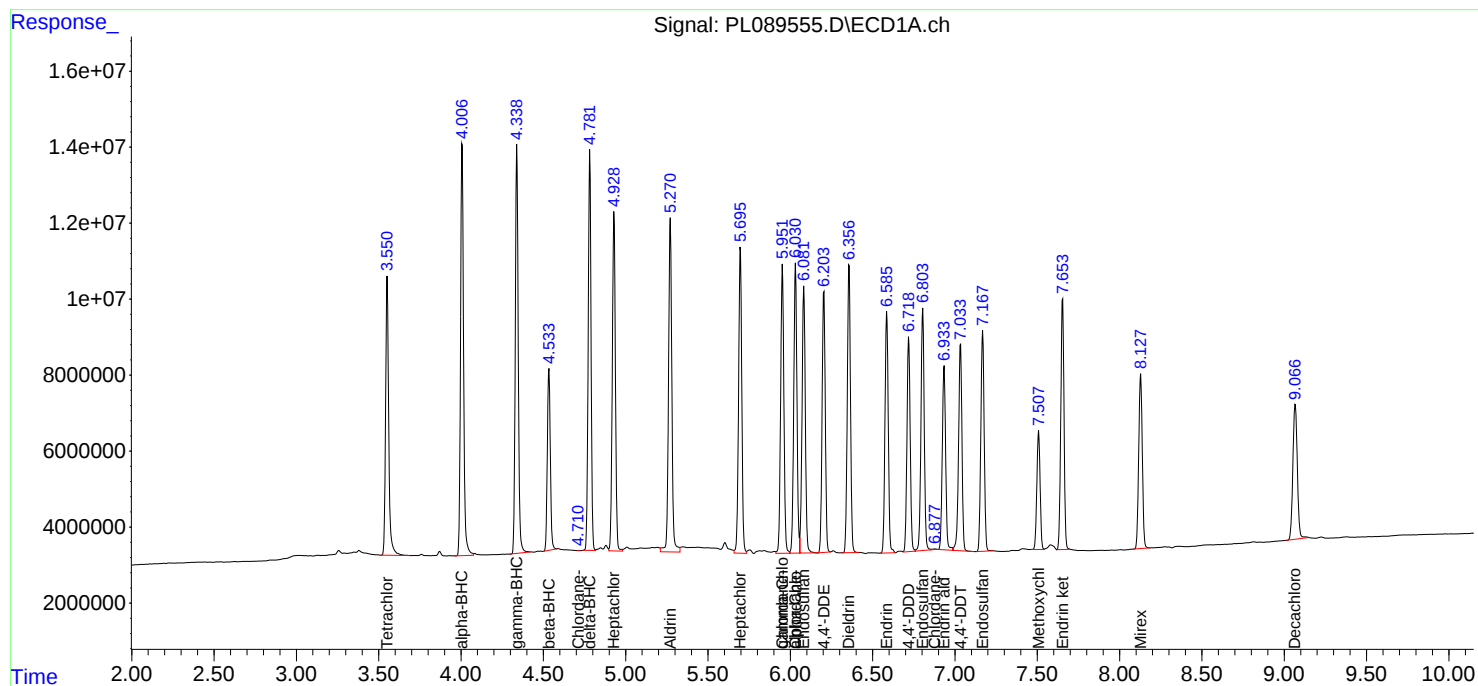
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

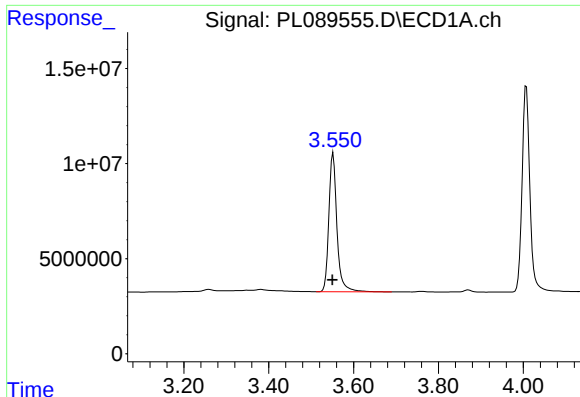
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051624\  
Data File : PL089555.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2024 02:37  
Operator : AR\AJ  
Sample : PB160947BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 04:12:51 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

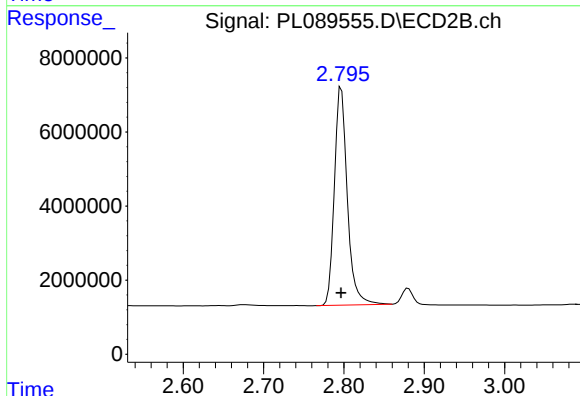




#1 Tetrachloro-m-xylene

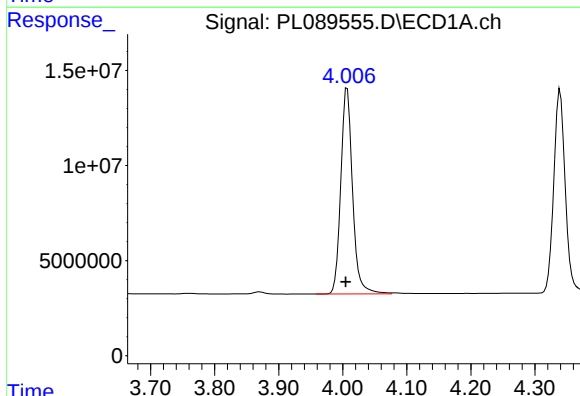
R.T.: 3.552 min  
Delta R.T.: 0.002 min  
Response: 96759196  
Conc: 48.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



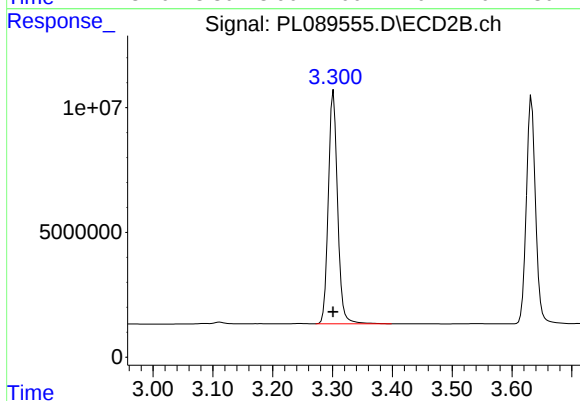
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 65965570  
Conc: 51.41 ng/ml



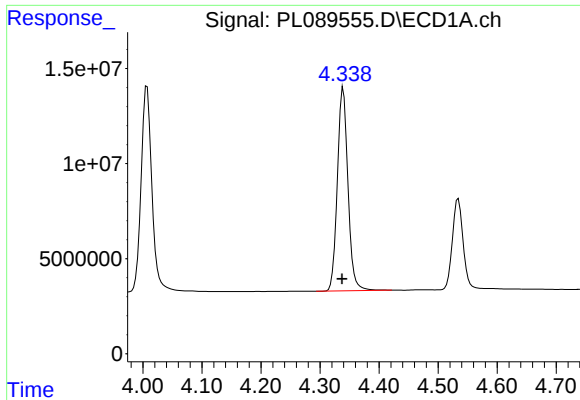
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.002 min  
Response: 137988286  
Conc: 48.39 ng/ml



#2 alpha-BHC

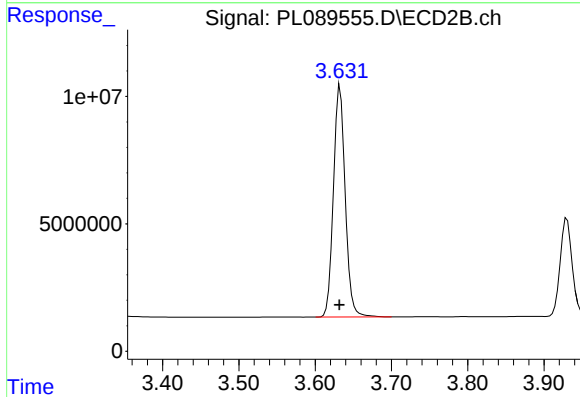
R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 99921475  
Conc: 52.96 ng/ml



#3 gamma-BHC (Lindane)

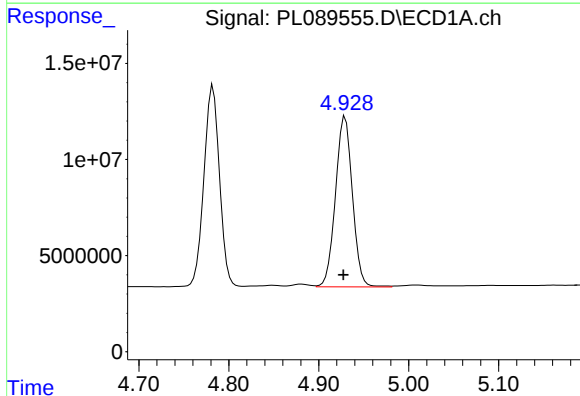
R.T.: 4.339 min  
Delta R.T.: 0.002 min  
Response: 133202115  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



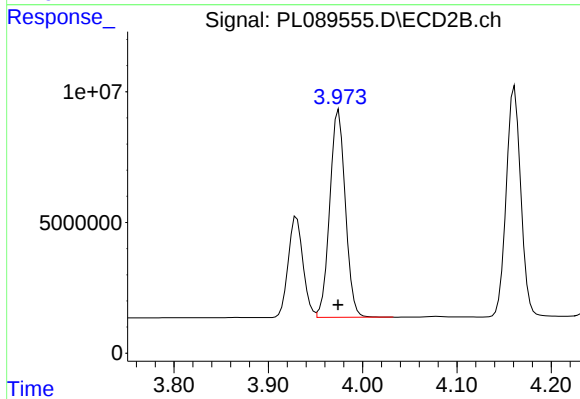
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 97348448  
Conc: 52.76 ng/ml



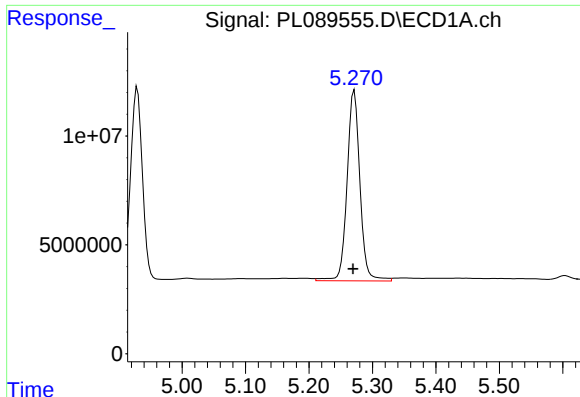
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 116021872  
Conc: 46.78 ng/ml



#4 Heptachlor

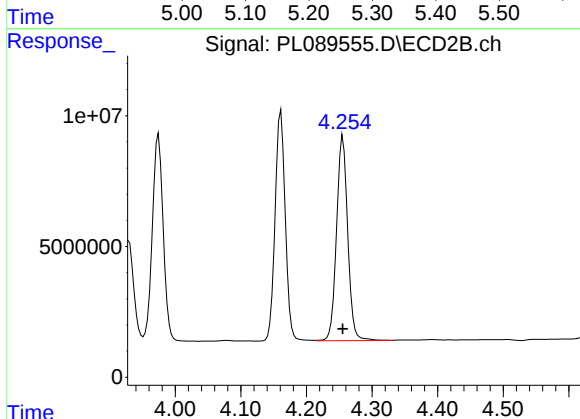
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 90959588  
Conc: 51.91 ng/ml



#5 Aldrin

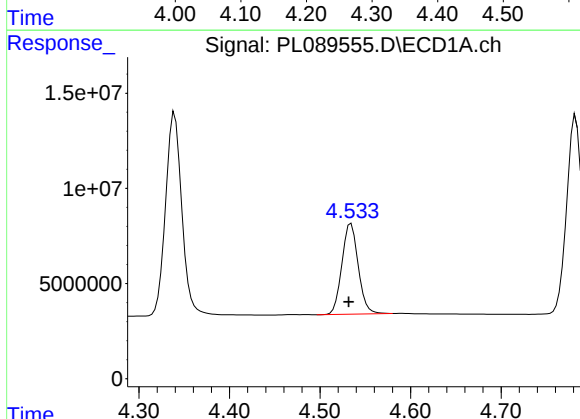
R.T.: 5.271 min  
Delta R.T.: 0.002 min  
Response: 123848960  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



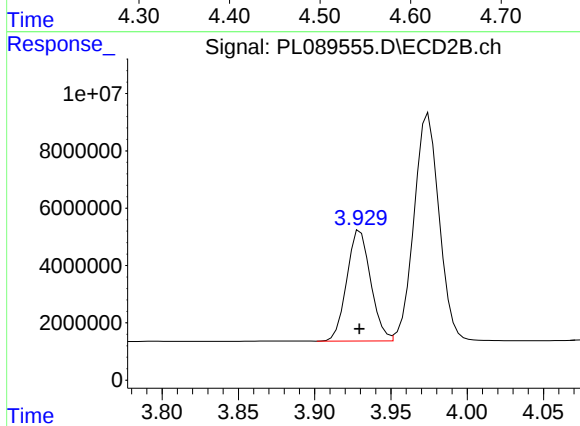
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 92882248  
Conc: 52.54 ng/ml



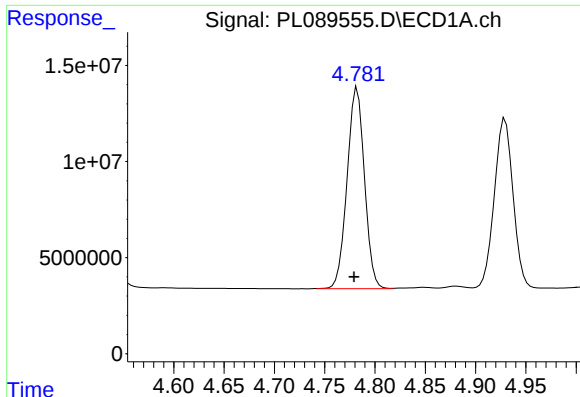
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.003 min  
Response: 59690784  
Conc: 47.32 ng/ml



#6 beta-BHC

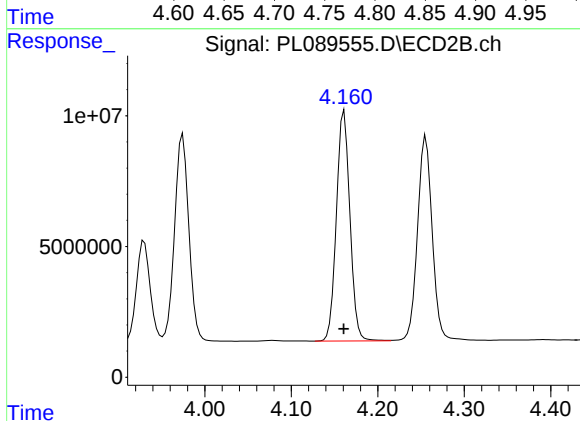
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 42049319  
Conc: 51.50 ng/ml



#7 delta-BHC

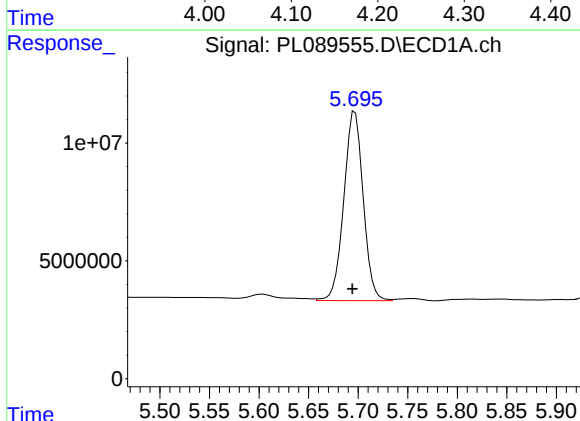
R.T.: 4.782 min  
Delta R.T.: 0.003 min  
Response: 125491101  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



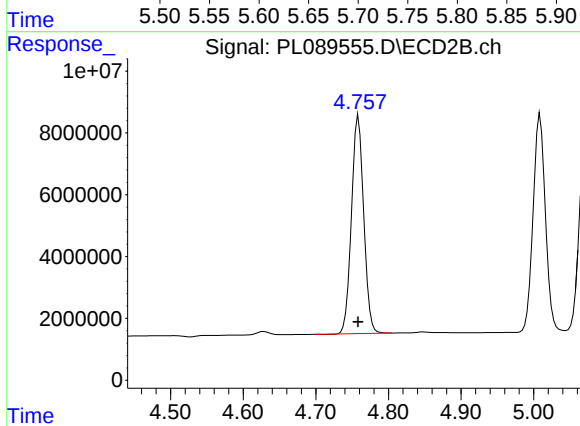
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 95196159  
Conc: 52.91 ng/ml



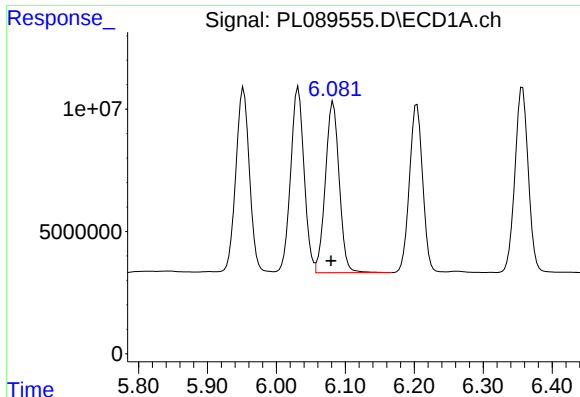
#8 Heptachlor epoxide

R.T.: 5.697 min  
Delta R.T.: 0.003 min  
Response: 109235906  
Conc: 46.57 ng/ml



#8 Heptachlor epoxide

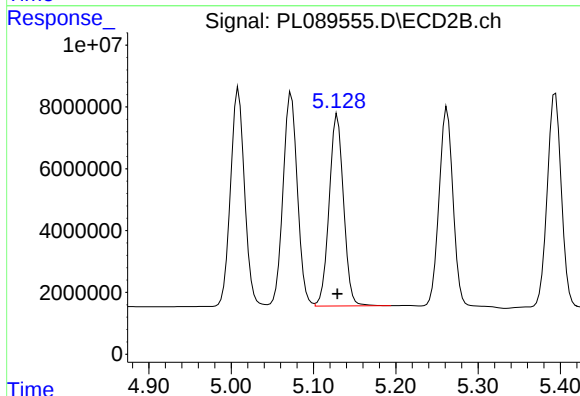
R.T.: 4.759 min  
Delta R.T.: 0.000 min  
Response: 82696733  
Conc: 51.15 ng/ml



#9 Endosulfan I

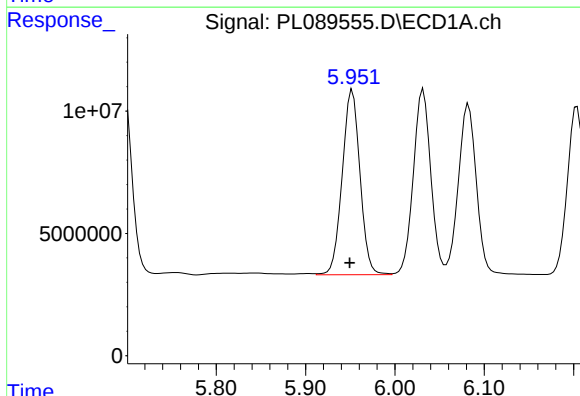
R.T.: 6.082 min  
Delta R.T.: 0.003 min  
Response: 97558289  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



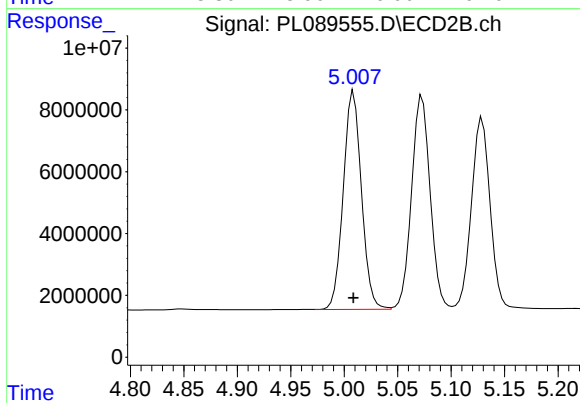
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 75388076  
Conc: 50.34 ng/ml



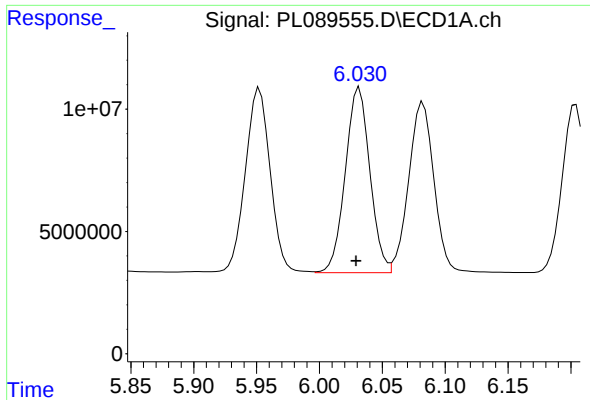
#10 gamma-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.003 min  
Response: 104383853  
Conc: 45.66 ng/ml



#10 gamma-Chlordane

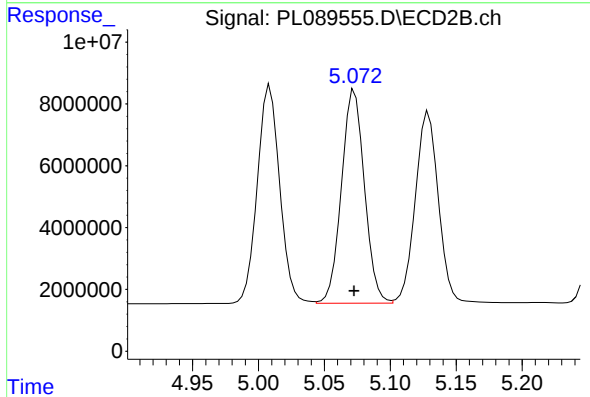
R.T.: 5.009 min  
Delta R.T.: 0.000 min  
Response: 83731354  
Conc: 51.03 ng/ml



#11 alpha-Chlordane

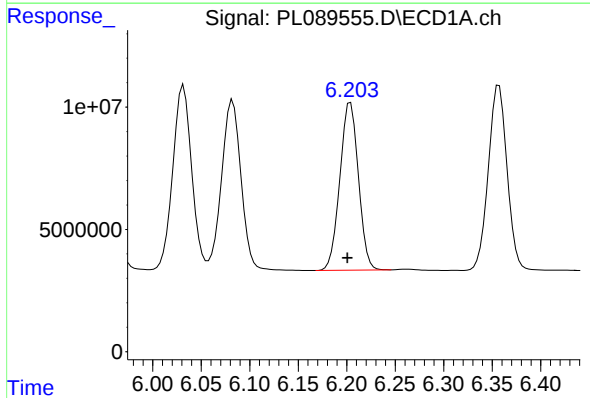
R.T.: 6.032 min  
Delta R.T.: 0.003 min  
Response: 102976285  
Conc: 45.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



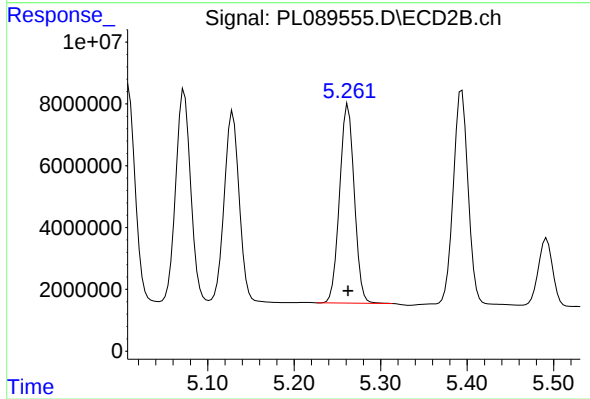
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 83815697  
Conc: 50.82 ng/ml



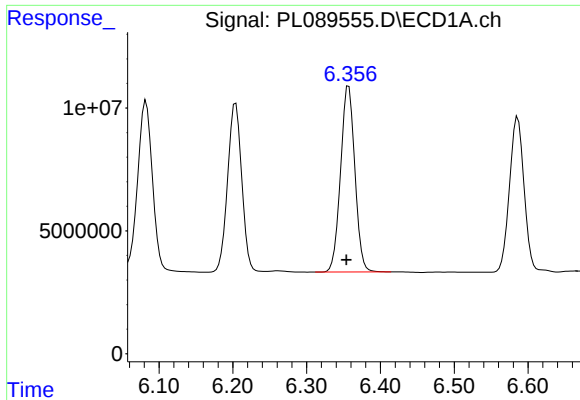
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.003 min  
Response: 91120069  
Conc: 45.03 ng/ml



#12 4,4'-DDE

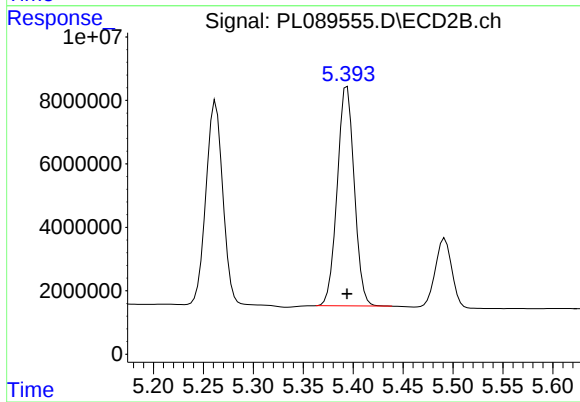
R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 75315708  
Conc: 51.80 ng/ml



#13 Dieldrin

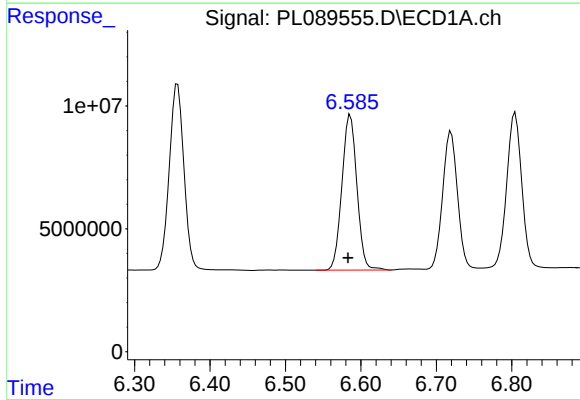
R.T.: 6.357 min  
Delta R.T.: 0.003 min  
Response: 101787548  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



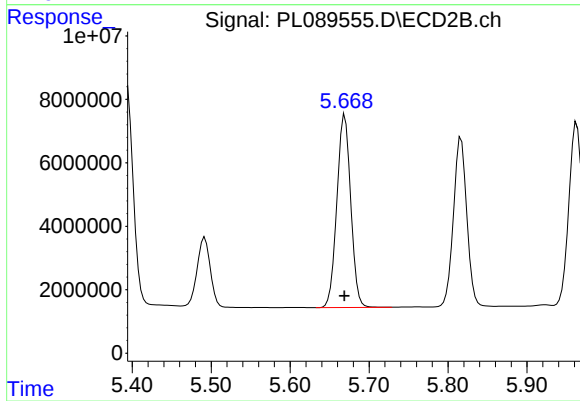
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 82214087  
Conc: 51.11 ng/ml



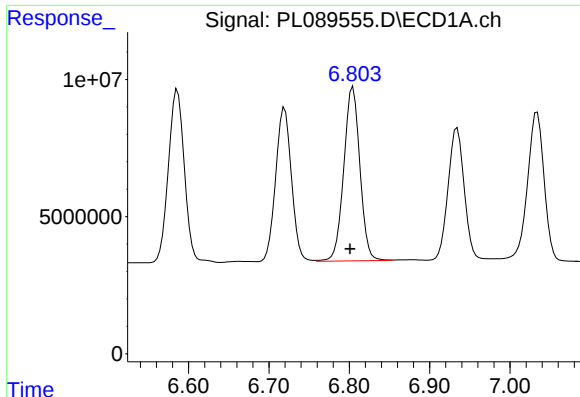
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.003 min  
Response: 87312232  
Conc: 46.09 ng/ml



#14 Endrin

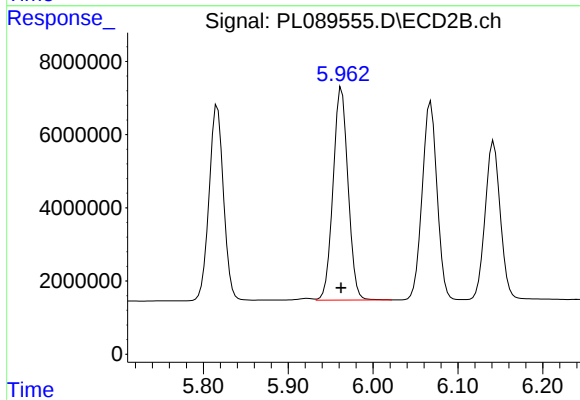
R.T.: 5.669 min  
Delta R.T.: 0.000 min  
Response: 74113382  
Conc: 51.55 ng/ml



#15 Endosulfan II

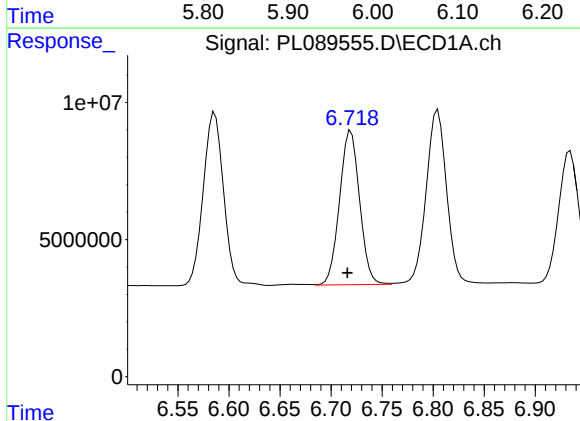
R.T.: 6.805 min  
Delta R.T.: 0.003 min  
Response: 88408835  
Conc: 44.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



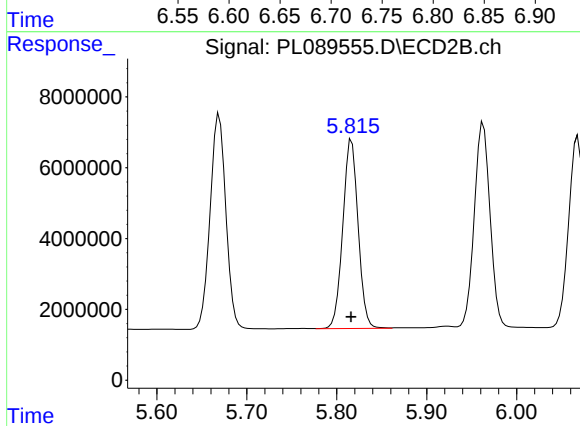
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 71230655  
Conc: 49.52 ng/ml



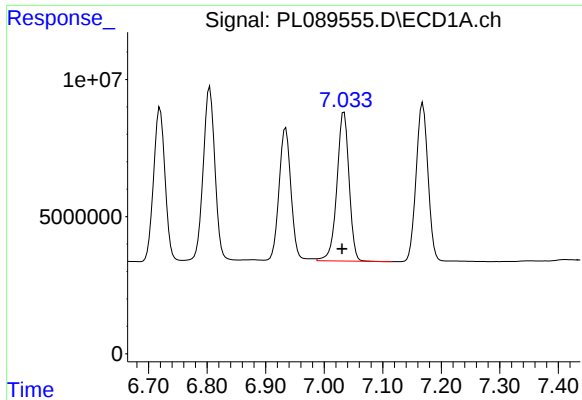
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.003 min  
Response: 76714065  
Conc: 45.47 ng/ml



#16 4,4'-DDD

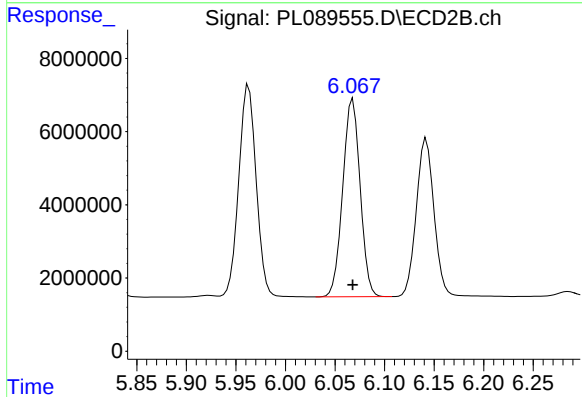
R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 63207919  
Conc: 51.25 ng/ml



#17 4,4'-DDT

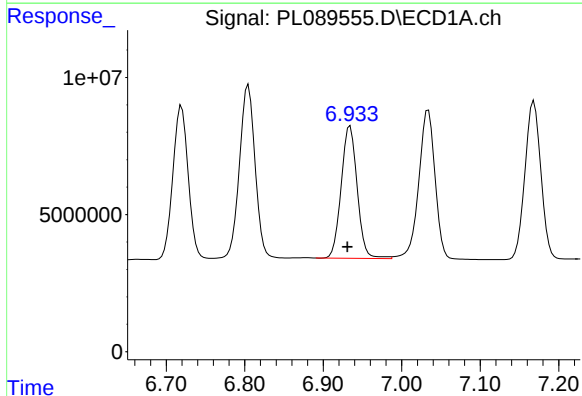
R.T.: 7.034 min  
Delta R.T.: 0.003 min  
Response: 78537574  
Conc: 42.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



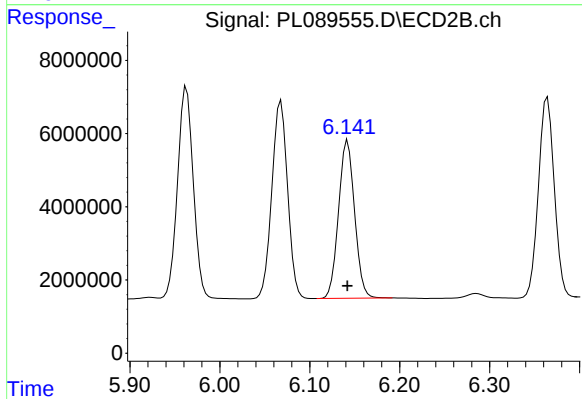
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 65990795  
Conc: 48.77 ng/ml



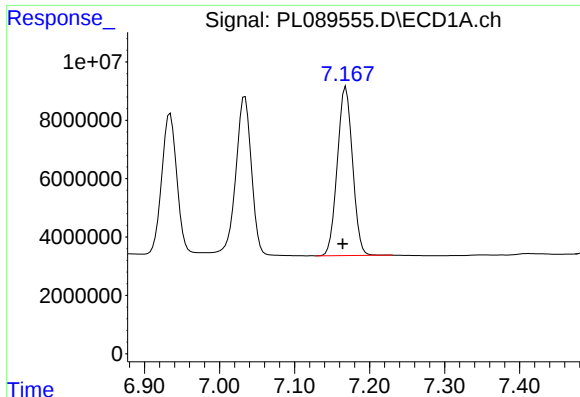
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.003 min  
Response: 68461090  
Conc: 45.27 ng/ml



#18 Endrin aldehyde

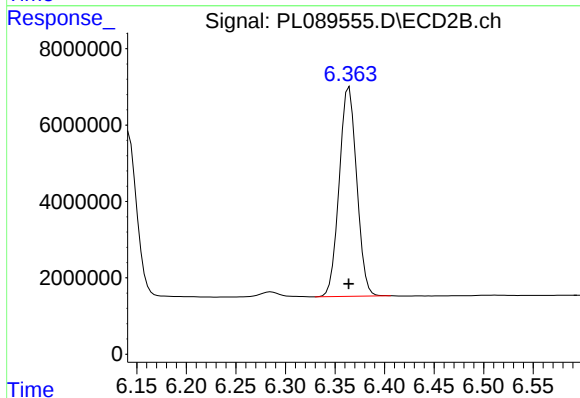
R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 53541707  
Conc: 48.14 ng/ml



#19 Endosulfan Sulfate

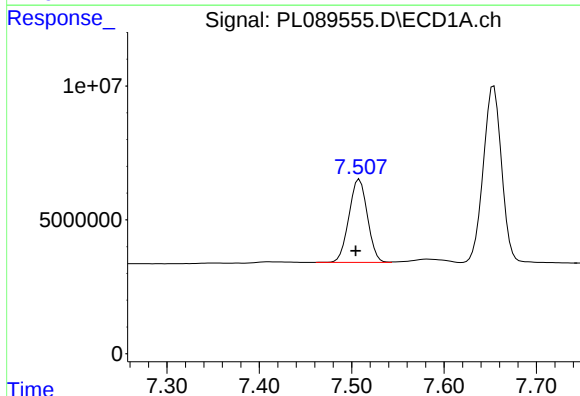
R.T.: 7.168 min  
Delta R.T.: 0.004 min  
Response: 81475060  
Conc: 45.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



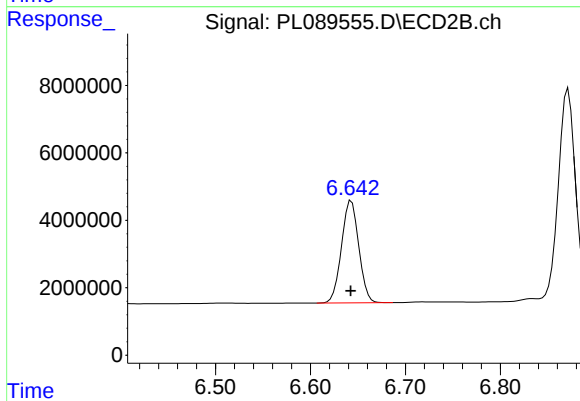
#19 Endosulfan Sulfate

R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 67310437  
Conc: 48.52 ng/ml



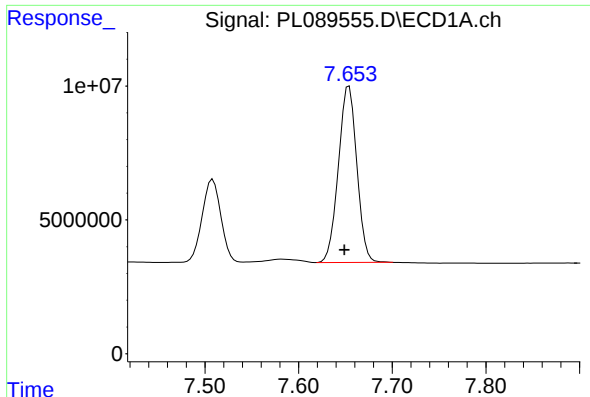
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.004 min  
Response: 43314069  
Conc: 44.05 ng/ml



#20 Methoxychlor

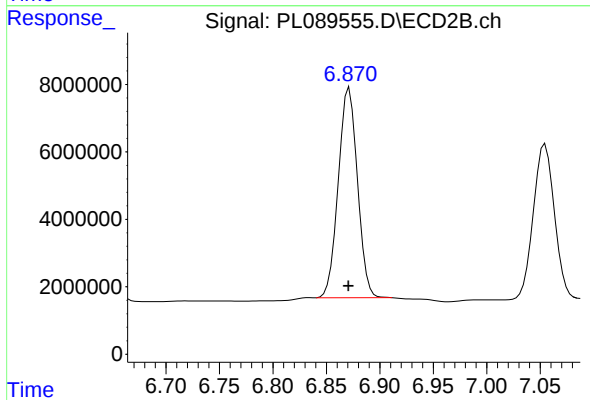
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 38446545  
Conc: 48.08 ng/ml



#21 Endrin ketone

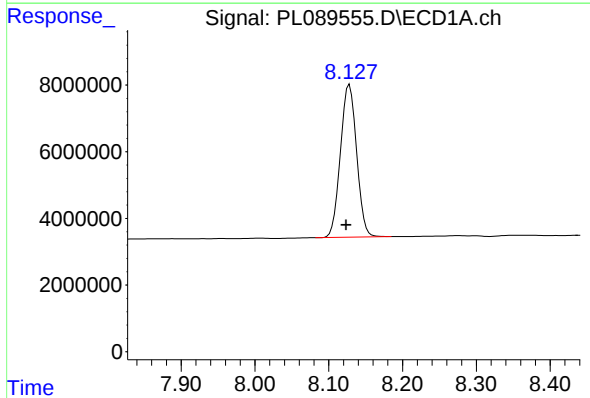
R.T.: 7.654 min  
Delta R.T.: 0.005 min  
Response: 90279859  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



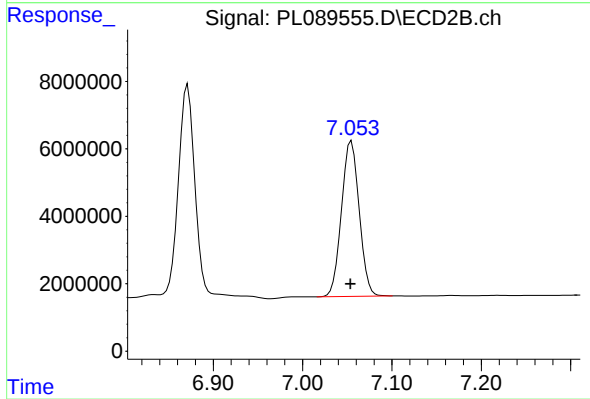
#21 Endrin ketone

R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 77830327  
Conc: 48.67 ng/ml



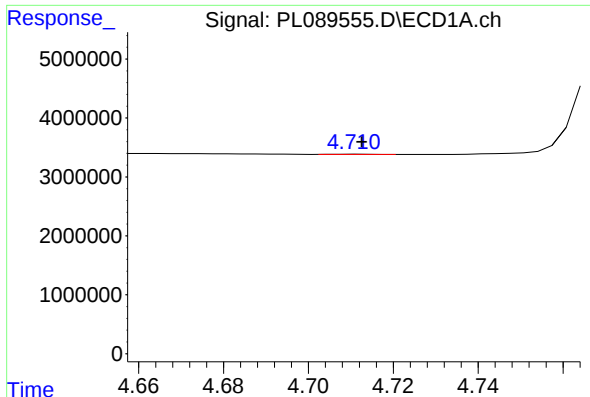
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.005 min  
Response: 69857499  
Conc: 44.95 ng/ml



#22 Mirex

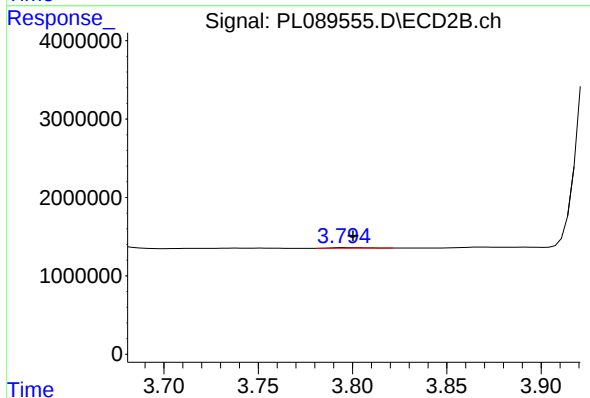
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 63573399  
Conc: 46.60 ng/ml



#23 Chlordane-1

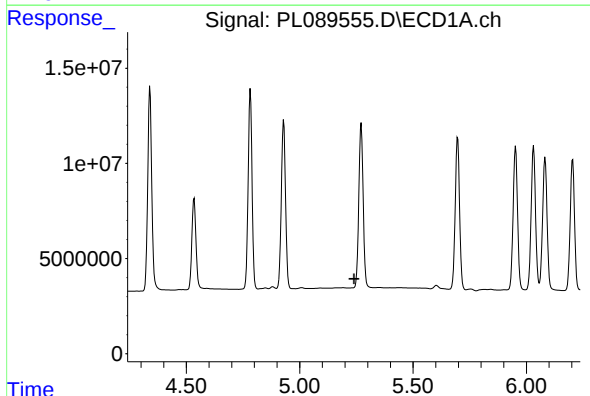
R.T.: 4.711 min  
Delta R.T.: -0.001 min  
Response: 18192  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



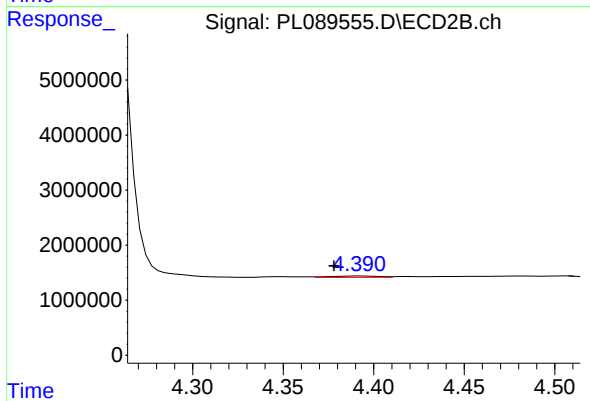
#23 Chlordane-1

R.T.: 3.796 min  
Delta R.T.: -0.004 min  
Response: 92687  
Conc: 1.88 ng/ml



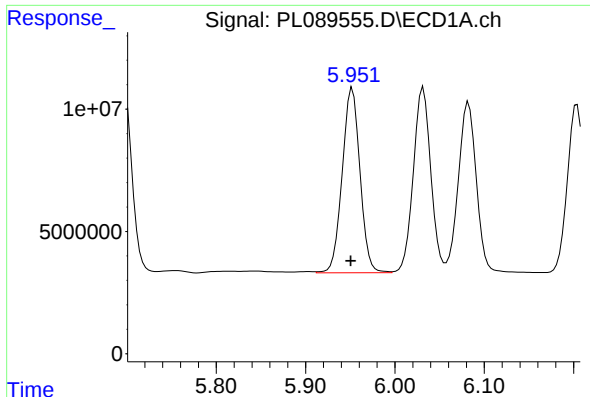
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.240 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

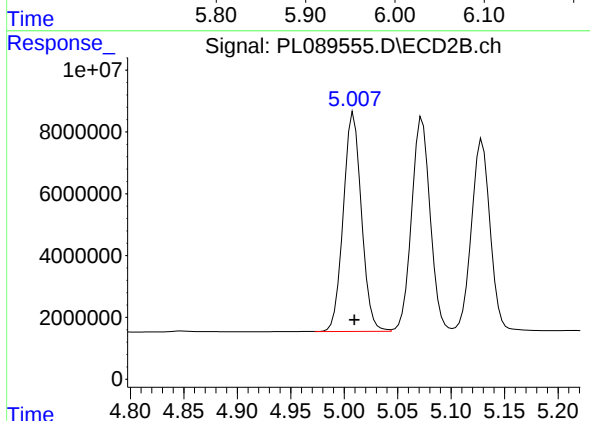
R.T.: 4.392 min  
Delta R.T.: 0.014 min  
Response: 480662  
Conc: 7.56 ng/ml



#25 Chlordane-3

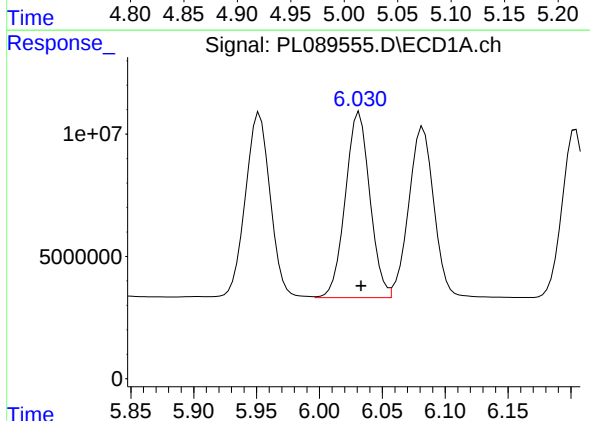
R.T.: 5.952 min  
Delta R.T.: 0.002 min  
Response: 104383853  
Conc: 316.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



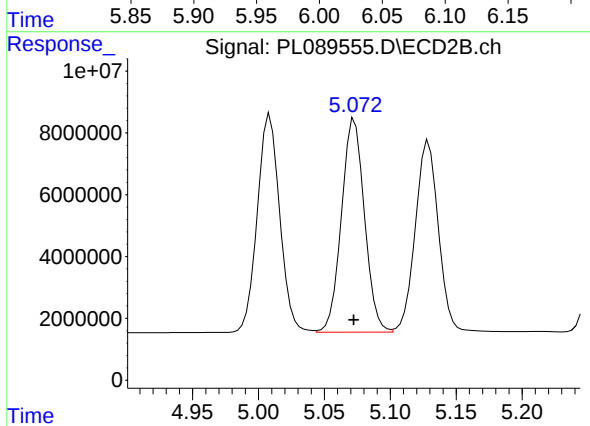
#25 Chlordane-3

R.T.: 5.009 min  
Delta R.T.: 0.000 min  
Response: 83731354  
Conc: 489.03 ng/ml



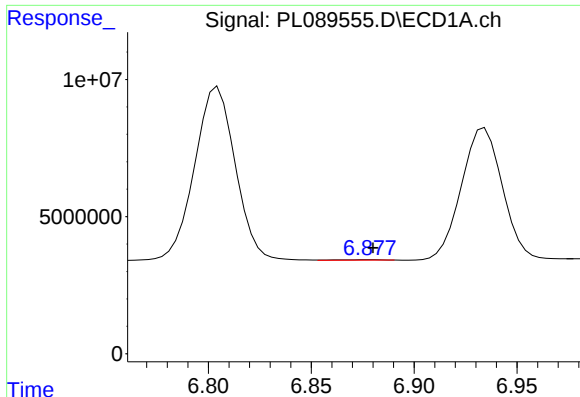
#26 Chlordane-4

R.T.: 6.032 min  
Delta R.T.: -0.001 min  
Response: 102976285  
Conc: 252.63 ng/ml



#26 Chlordane-4

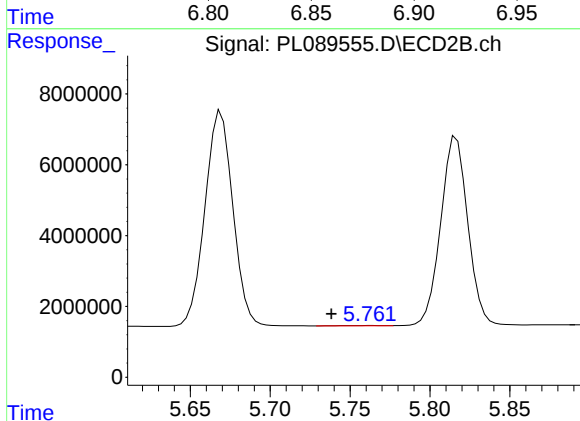
R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 83815697  
Conc: 521.10 ng/ml



#27 Chlordane-5

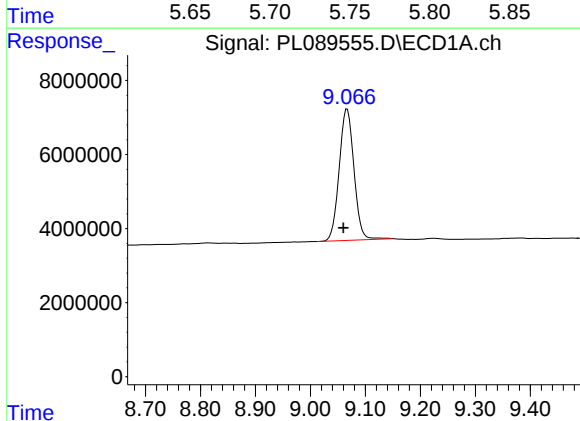
R.T.: 6.879 min  
Delta R.T.: -0.002 min  
Response: 328459  
Conc: 3.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC50



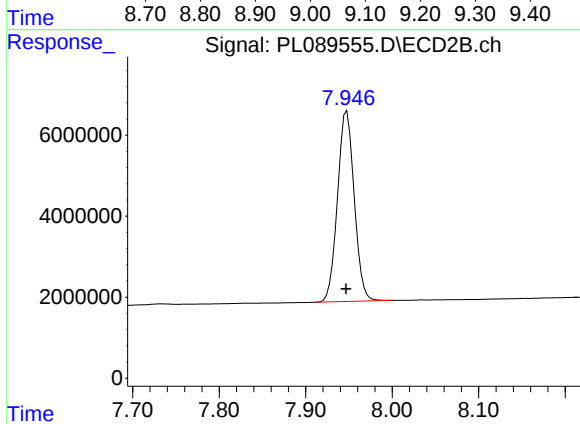
#27 Chlordane-5

R.T.: 5.763 min  
Delta R.T.: 0.025 min  
Response: 161818  
Conc: 3.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.007 min  
Response: 66433905  
Conc: 47.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: 0.001 min  
Response: 62895396  
Conc: 46.76 ng/ml