

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121922\  
 Data File : PL079773.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2022 16:02  
 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: Dec 19 20:35:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 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... | 3.321  | 2.561 | 109.1E6  | 132.9E6  | 48.295   | 48.815    |
| 28)                         | SA Decachlor... | 8.768  | 7.629 | 81970863 | 99086845 | 42.207   | 42.178    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.782  | 3.048 | 169.3E6  | 212.0E6  | 49.236   | 49.161    |
| 3)                          | MA gamma-BHC... | 4.115  | 3.369 | 158.8E6  | 190.7E6  | 49.006   | 48.975    |
| 4)                          | MA Heptachlor   | 4.685  | 3.695 | 158.4E6  | 190.2E6  | 48.080   | 49.444    |
| 5)                          | MB Aldrin       | 5.023  | 3.967 | 151.5E6  | 184.6E6  | 48.779   | 49.707    |
| 6)                          | B beta-BHC      | 4.331  | 3.670 | 66902004 | 72174503 | 47.382   | 47.634    |
| 7)                          | B delta-BHC     | 4.571  | 3.889 | 143.0E6  | 191.0E6  | 51.539   | 49.646    |
| 8)                          | B Heptachlo...  | 5.456  | 4.463 | 141.9E6  | 167.8E6  | 49.710   | 49.724    |
| 9)                          | A Endosulfan I  | 5.841  | 4.826 | 130.8E6  | 160.2E6  | 49.180   | 50.071    |
| 10)                         | B gamma-Chl...  | 5.711  | 4.711 | 141.5E6  | 170.1E6  | 49.465   | 50.249    |
| 11)                         | B alpha-Chl...  | 5.788  | 4.773 | 140.1E6  | 166.4E6  | 48.627   | 49.682    |
| 12)                         | B 4,4'-DDE      | 5.972  | 4.968 | 122.5E6  | 159.2E6  | 49.016   | 51.915    |
| 13)                         | MA Dieldrin     | 6.118  | 5.088 | 131.6E6  | 172.0E6  | 47.996   | 51.009    |
| 14)                         | MA Endrin       | 6.348  | 5.359 | 107.3E6  | 137.9E6  | 44.336   | 45.601    |
| 15)                         | B Endosulfa...  | 6.577  | 5.655 | 105.7E6  | 136.8E6  | 46.837   | 48.886    |
| 16)                         | A 4,4'-DDD      | 6.497  | 5.519 | 103.3E6  | 137.5E6  | 52.051   | 54.972    |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.765 | 95747080 | 121.1E6  | 42.210   | 46.339    |
| 18)                         | B Endrin al...  | 6.709  | 5.834 | 86301022 | 104.4E6  | 47.650   | 49.065    |
| 19)                         | B Endosulfa...  | 6.942  | 6.056 | 108.6E6  | 137.2E6  | 46.847   | 48.625    |
| 20)                         | A Methoxychlor  | 7.290  | 6.342 | 49243434 | 61472721 | 40.819   | 45.228    |
| 21)                         | B Endrin ke...  | 7.428  | 6.553 | 116.6E6  | 154.7E6  | 47.261   | 50.224    |
| 22)                         | Mirex           | 7.884  | 6.724 | 84479613 | 108.5E6  | 44.601   | 45.887    |
| 24)                         | Chlordane-2     | 5.023f | 4.079 | 151.5E6  | 192140   | 1437.522 | 1.641 #   |
| 25)                         | Chlordane-3     | 5.711  | 4.711 | 141.5E6  | 170.1E6  | 340.848  | 508.682 # |
| 26)                         | Chlordane-4     | 5.788  | 4.773 | 140.1E6  | 166.4E6  | 275.401  | 459.188 # |
| 27)                         | Chlordane-5     | 0.000  | 5.442 | 0        | 568630   | N.D.     | 6.325 #   |
| -----                       |                 |        |       |          |          |          |           |

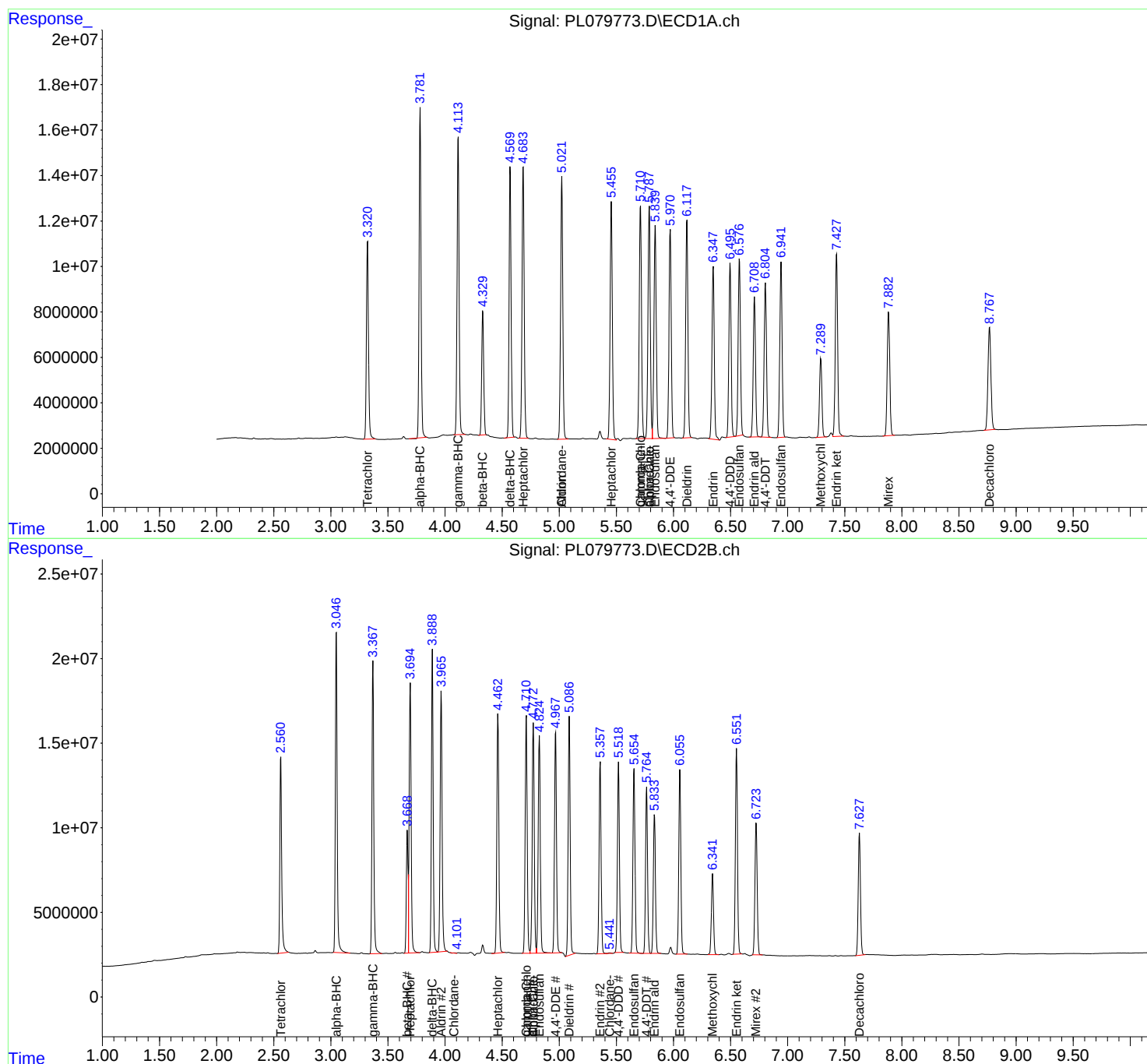
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

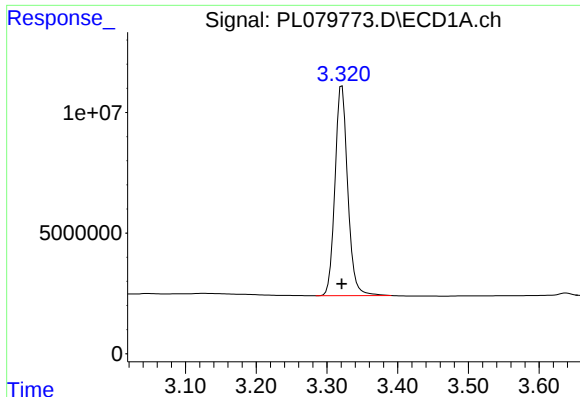
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121922\  
Data File : PL079773.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2022 16:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 20:35:04 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 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

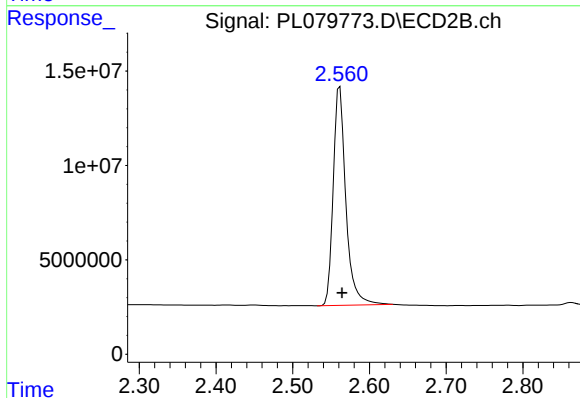




#1 Tetrachloro-m-xylene

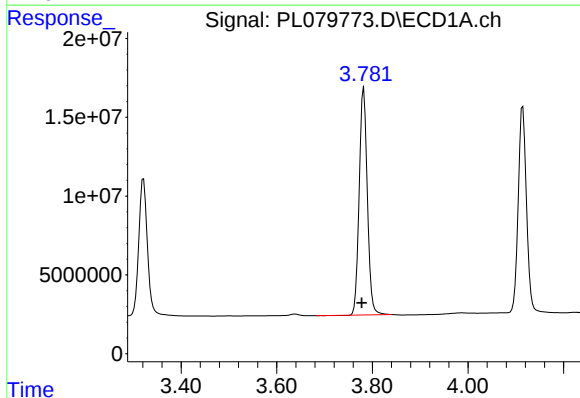
R.T.: 3.321 min  
Delta R.T.: 0.000 min  
Response: 109101290  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



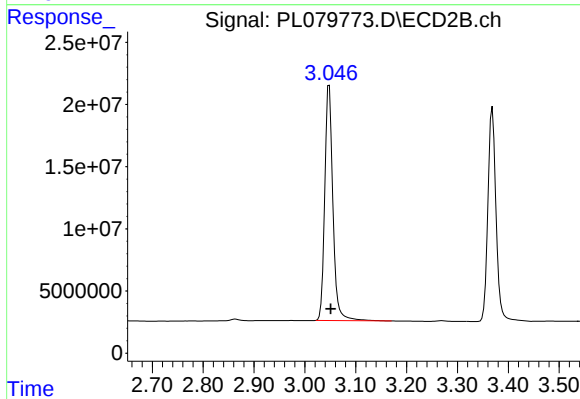
#1 Tetrachloro-m-xylene

R.T.: 2.561 min  
Delta R.T.: -0.003 min  
Response: 132875993  
Conc: 48.82 ng/ml



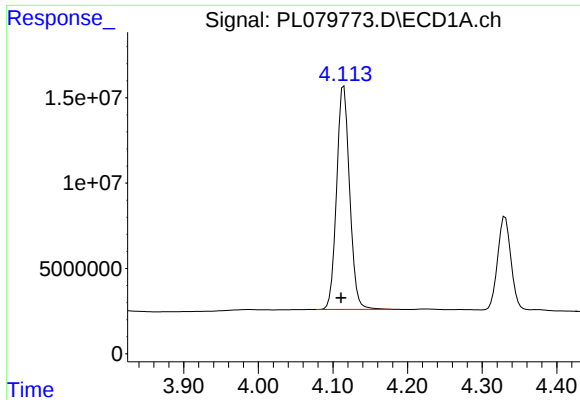
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: 0.004 min  
Response: 169308737  
Conc: 49.24 ng/ml



#2 alpha-BHC

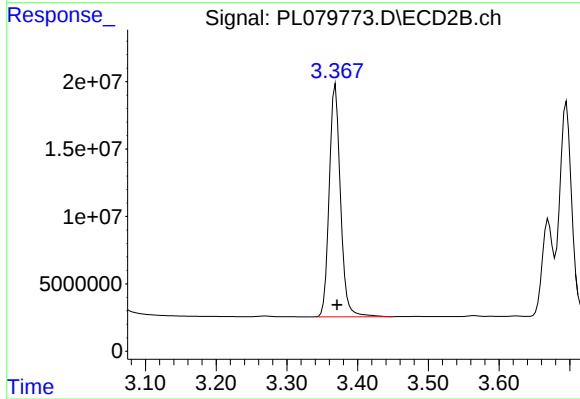
R.T.: 3.048 min  
Delta R.T.: -0.003 min  
Response: 211983573  
Conc: 49.16 ng/ml



#3 gamma-BHC (Lindane)

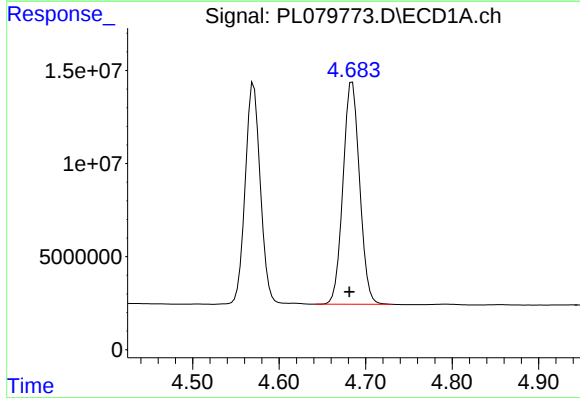
R.T.: 4.115 min  
Delta R.T.: 0.004 min  
Response: 158817178  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



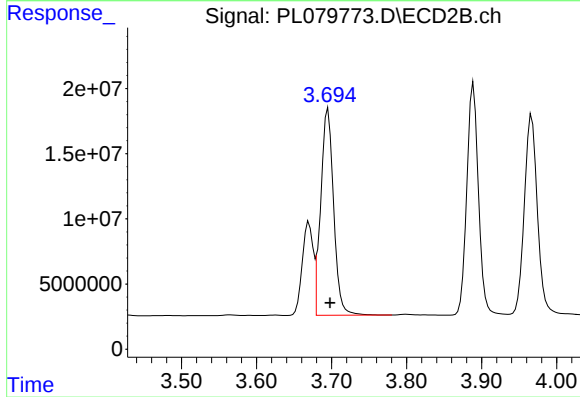
#3 gamma-BHC (Lindane)

R.T.: 3.369 min  
Delta R.T.: -0.003 min  
Response: 190692103  
Conc: 48.97 ng/ml



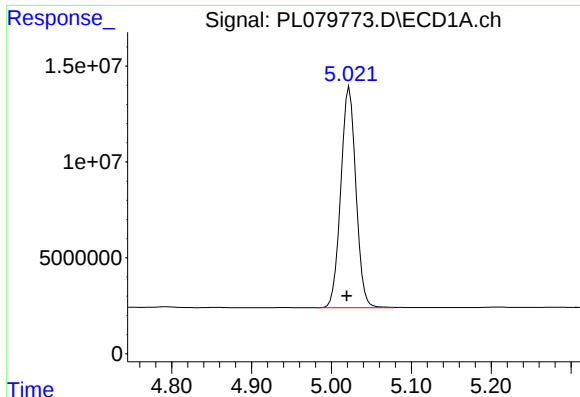
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: 0.003 min  
Response: 158434646  
Conc: 48.08 ng/ml



#4 Heptachlor

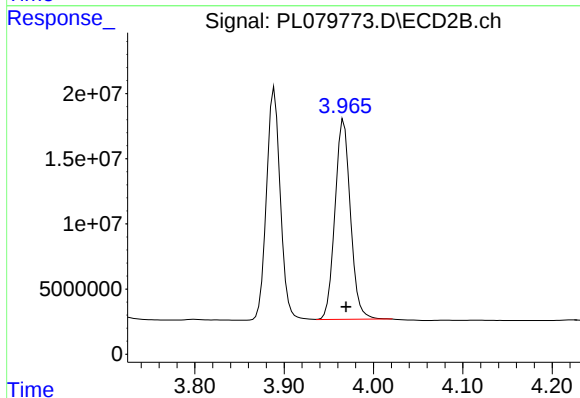
R.T.: 3.695 min  
Delta R.T.: -0.003 min  
Response: 190249442  
Conc: 49.44 ng/ml



#5 Aldrin

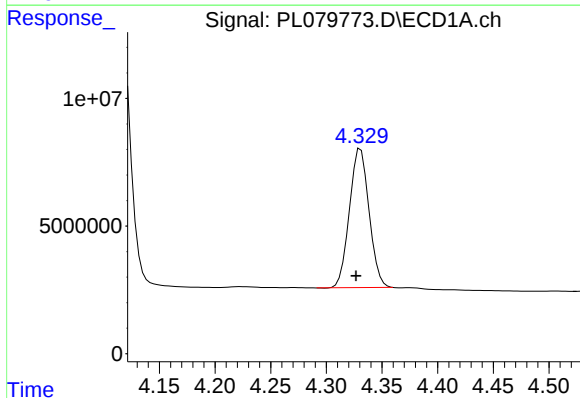
R.T.: 5.023 min  
Delta R.T.: 0.004 min  
Response: 151475773  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



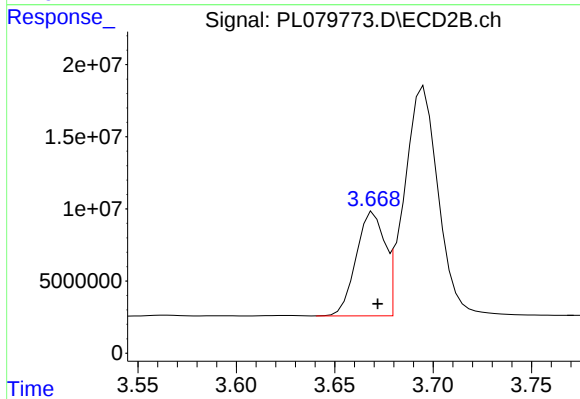
#5 Aldrin

R.T.: 3.967 min  
Delta R.T.: -0.002 min  
Response: 184556427  
Conc: 49.71 ng/ml



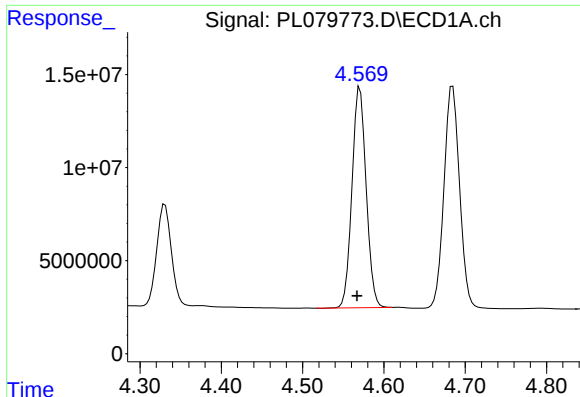
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: 0.004 min  
Response: 66902004  
Conc: 47.38 ng/ml



#6 beta-BHC

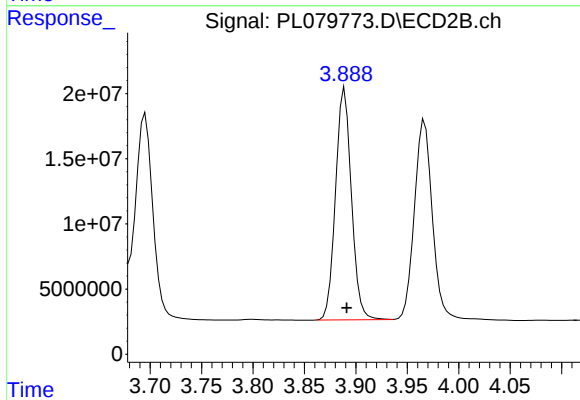
R.T.: 3.670 min  
Delta R.T.: -0.002 min  
Response: 72174503  
Conc: 47.63 ng/ml



#7 delta-BHC

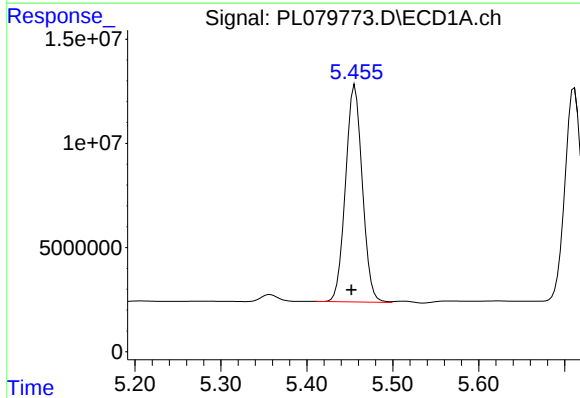
R.T.: 4.571 min  
Delta R.T.: 0.004 min  
Response: 142987293  
Conc: 51.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



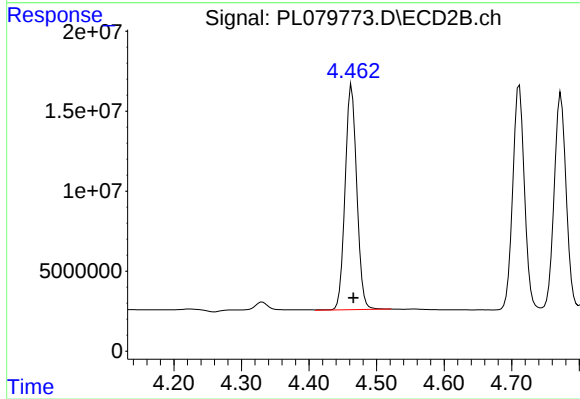
#7 delta-BHC

R.T.: 3.889 min  
Delta R.T.: -0.002 min  
Response: 190998187  
Conc: 49.65 ng/ml



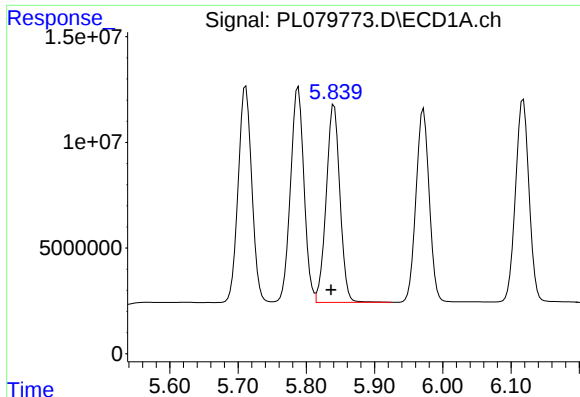
#8 Heptachlor epoxide

R.T.: 5.456 min  
Delta R.T.: 0.004 min  
Response: 141920691  
Conc: 49.71 ng/ml



#8 Heptachlor epoxide

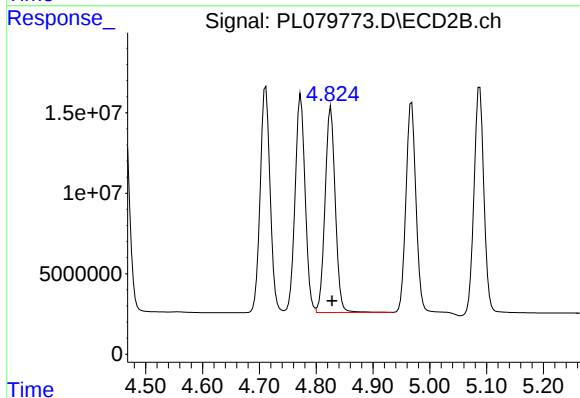
R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 167836434  
Conc: 49.72 ng/ml



#9 Endosulfan I

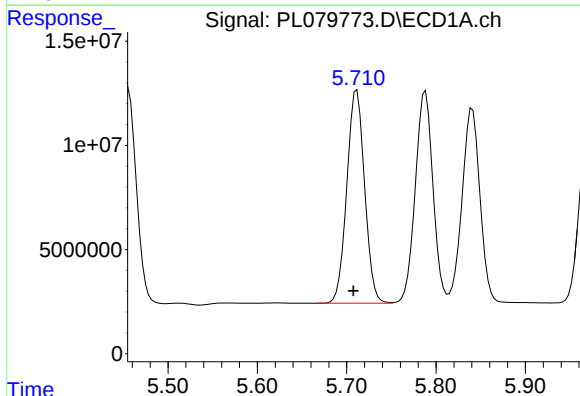
R.T.: 5.841 min  
Delta R.T.: 0.004 min  
Response: 130754696  
Conc: 49.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



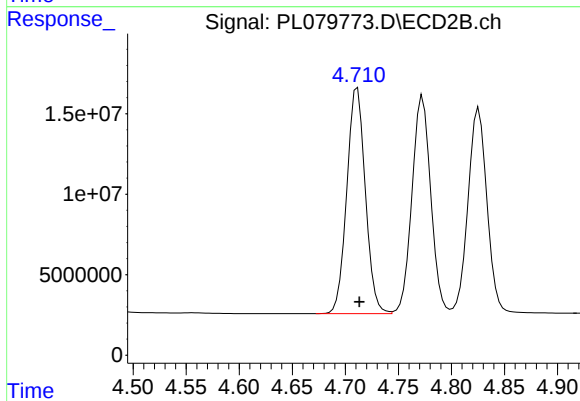
#9 Endosulfan I

R.T.: 4.826 min  
Delta R.T.: -0.002 min  
Response: 160216484  
Conc: 50.07 ng/ml



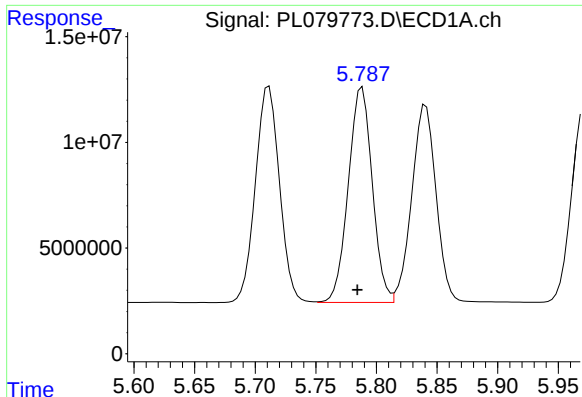
#10 gamma-Chlordane

R.T.: 5.711 min  
Delta R.T.: 0.004 min  
Response: 141530190  
Conc: 49.47 ng/ml



#10 gamma-Chlordane

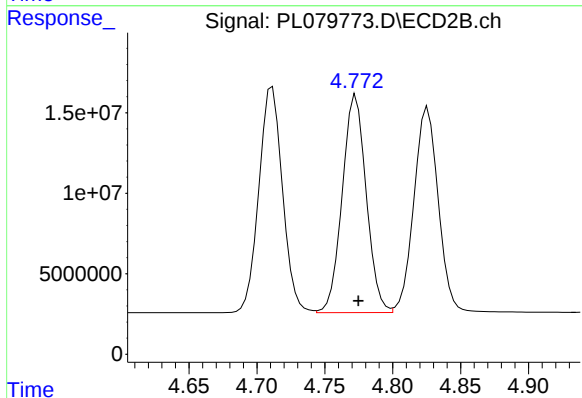
R.T.: 4.711 min  
Delta R.T.: -0.002 min  
Response: 170054491  
Conc: 50.25 ng/ml



#11 alpha-Chlordane

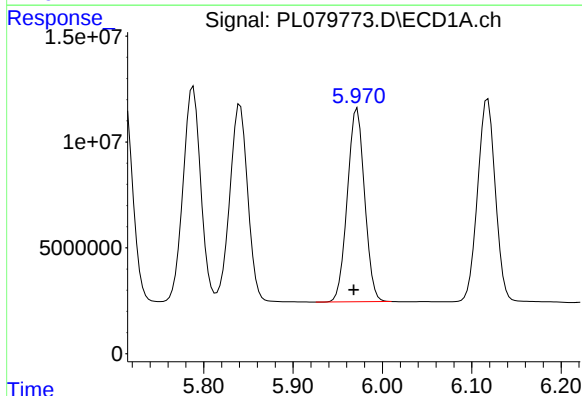
R.T.: 5.788 min  
Delta R.T.: 0.004 min  
Response: 140122223  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



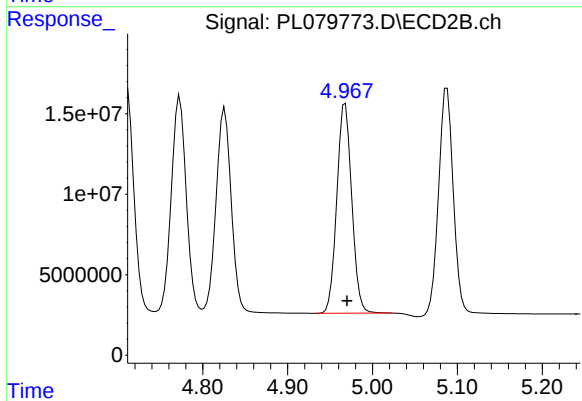
#11 alpha-Chlordane

R.T.: 4.773 min  
Delta R.T.: -0.002 min  
Response: 166392929  
Conc: 49.68 ng/ml



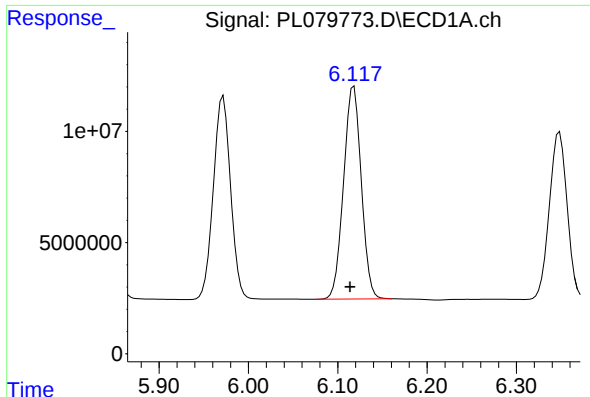
#12 4,4'-DDE

R.T.: 5.972 min  
Delta R.T.: 0.004 min  
Response: 122460128  
Conc: 49.02 ng/ml



#12 4,4'-DDE

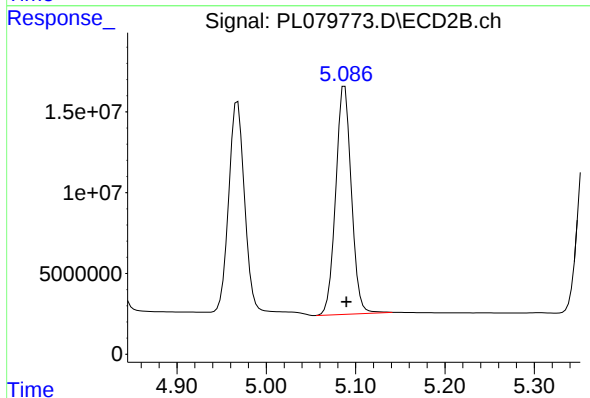
R.T.: 4.968 min  
Delta R.T.: -0.002 min  
Response: 159179127  
Conc: 51.92 ng/ml



#13 Dieldrin

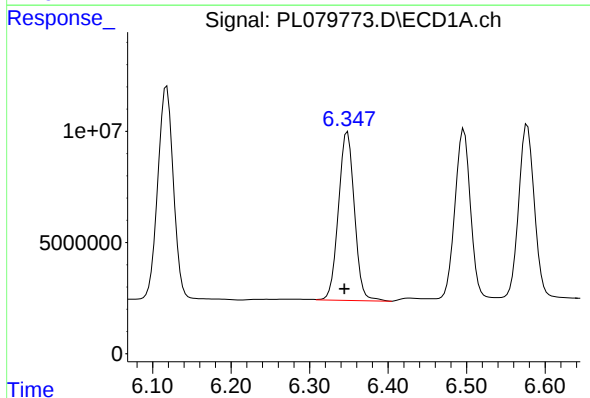
R.T.: 6.118 min  
Delta R.T.: 0.004 min  
Response: 131646703  
Conc: 48.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



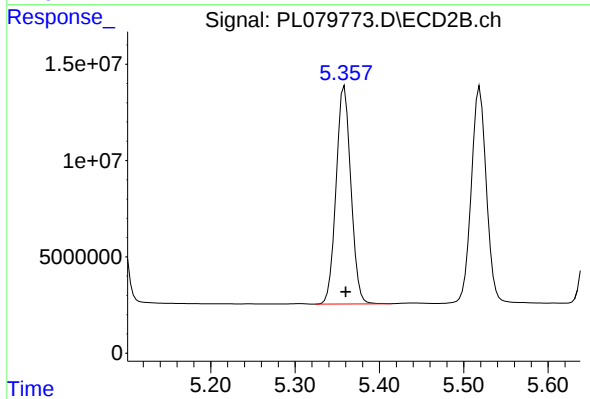
#13 Dieldrin

R.T.: 5.088 min  
Delta R.T.: -0.002 min  
Response: 171959321  
Conc: 51.01 ng/ml



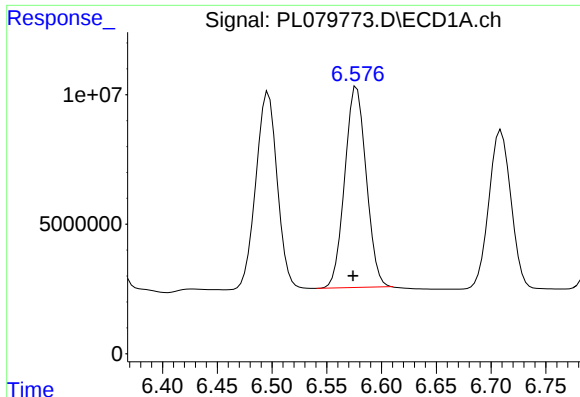
#14 Endrin

R.T.: 6.348 min  
Delta R.T.: 0.004 min  
Response: 107258057  
Conc: 44.34 ng/ml



#14 Endrin

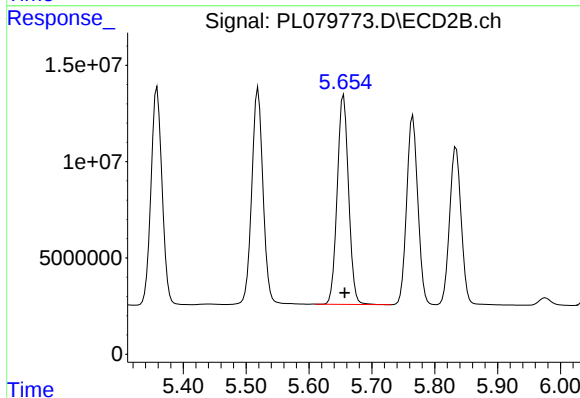
R.T.: 5.359 min  
Delta R.T.: -0.002 min  
Response: 137931120  
Conc: 45.60 ng/ml



#15 Endosulfan II

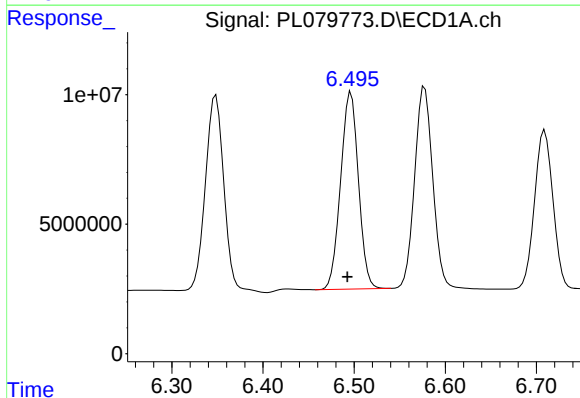
R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 105733263  
Conc: 46.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



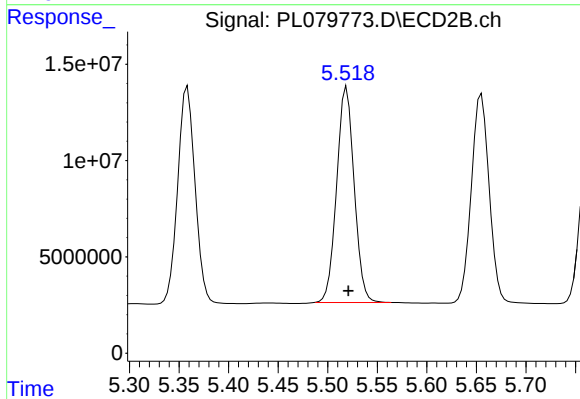
#15 Endosulfan II

R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 136793906  
Conc: 48.89 ng/ml



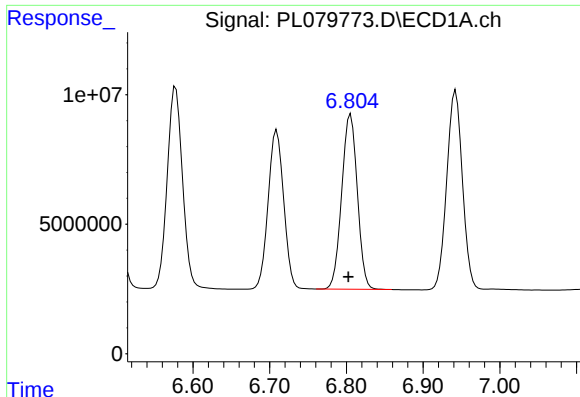
#16 4,4'-DDD

R.T.: 6.497 min  
Delta R.T.: 0.004 min  
Response: 103269645  
Conc: 52.05 ng/ml



#16 4,4'-DDD

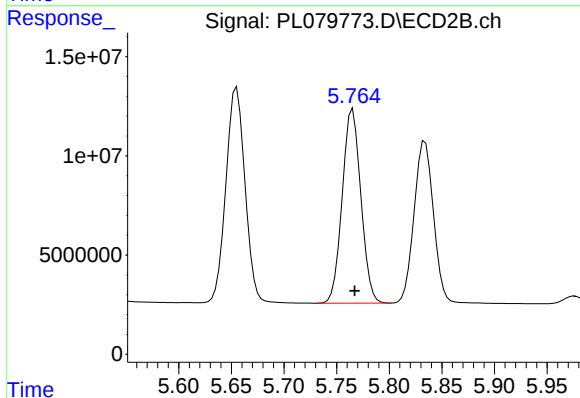
R.T.: 5.519 min  
Delta R.T.: -0.002 min  
Response: 137513138  
Conc: 54.97 ng/ml



#17 4,4'-DDT

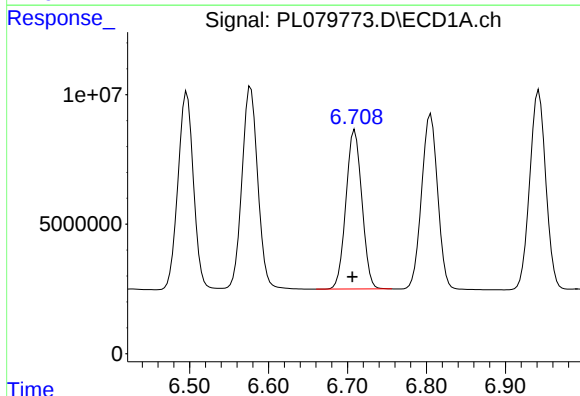
R.T.: 6.805 min  
Delta R.T.: 0.003 min  
Response: 95747080  
Conc: 42.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



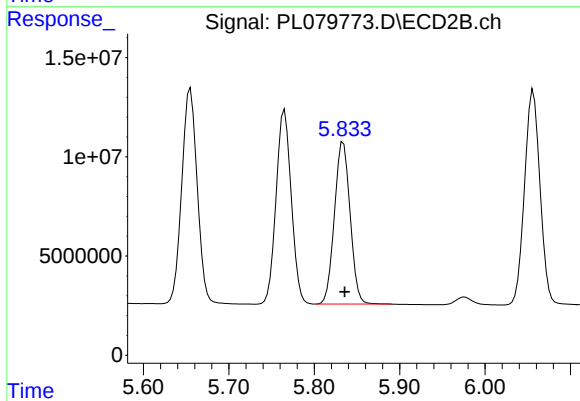
#17 4,4'-DDT

R.T.: 5.765 min  
Delta R.T.: -0.002 min  
Response: 121109831  
Conc: 46.34 ng/ml



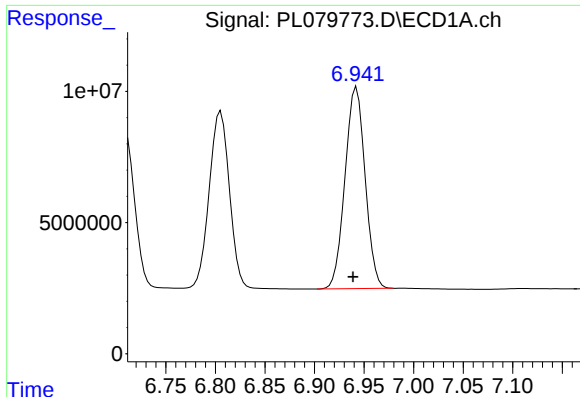
#18 Endrin aldehyde

R.T.: 6.709 min  
Delta R.T.: 0.003 min  
Response: 86301022  
Conc: 47.65 ng/ml



#18 Endrin aldehyde

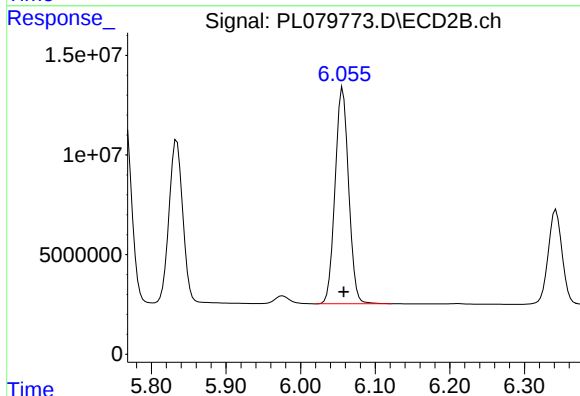
R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 104431320  
Conc: 49.07 ng/ml



#19 Endosulfan Sulfate

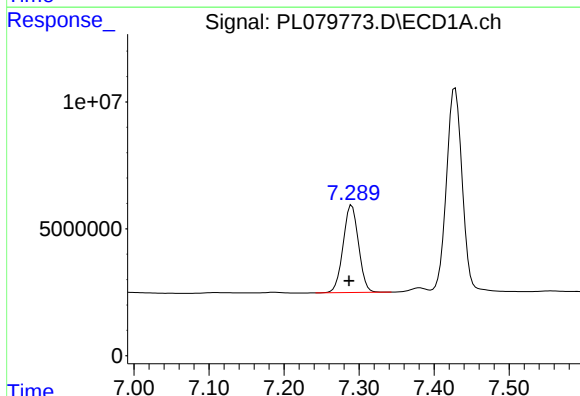
R.T.: 6.942 min  
Delta R.T.: 0.003 min  
Response: 108633188  
Conc: 46.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



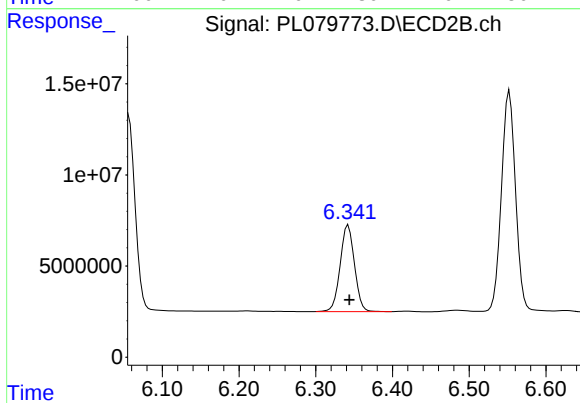
#19 Endosulfan Sulfate

R.T.: 6.056 min  
Delta R.T.: -0.001 min  
Response: 137204371  
Conc: 48.62 ng/ml



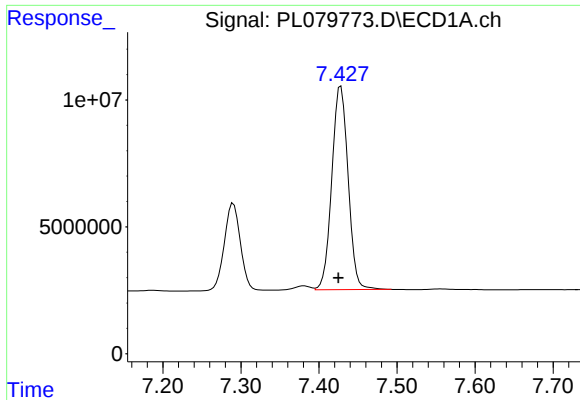
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: 0.004 min  
Response: 49243434  
Conc: 40.82 ng/ml



#20 Methoxychlor

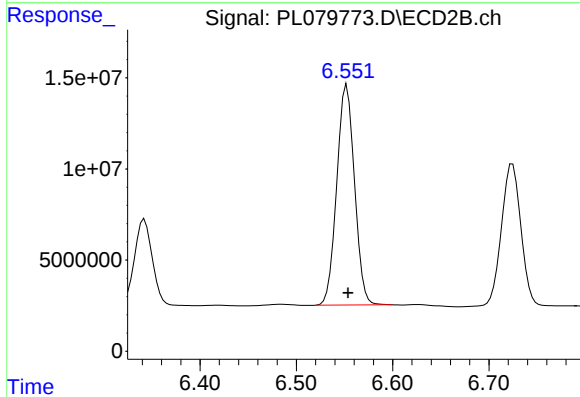
R.T.: 6.342 min  
Delta R.T.: -0.001 min  
Response: 61472721  
Conc: 45.23 ng/ml



#21 Endrin ketone

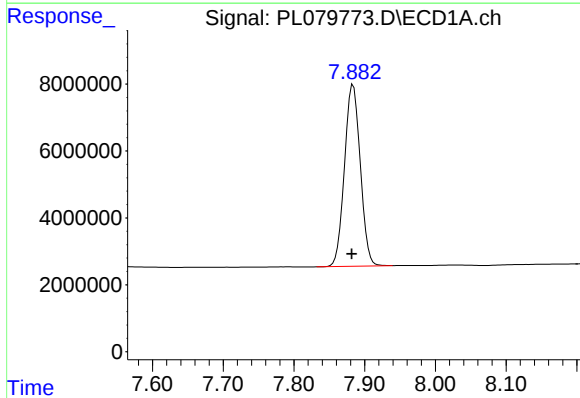
R.T.: 7.428 min  
Delta R.T.: 0.003 min  
Response: 116603386  
Conc: 47.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



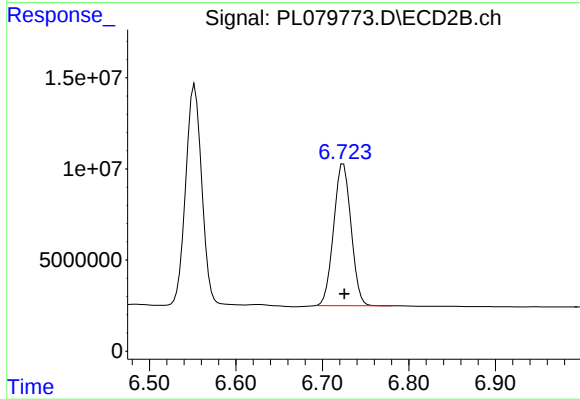
#21 Endrin ketone

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 154684968  
Conc: 50.22 ng/ml



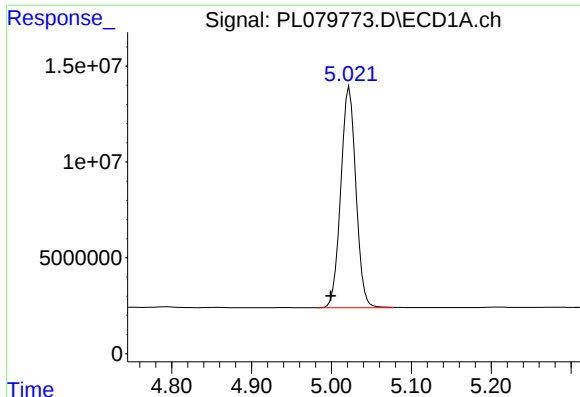
#22 Mirex

R.T.: 7.884 min  
Delta R.T.: 0.002 min  
Response: 84479613  
Conc: 44.60 ng/ml



#22 Mirex

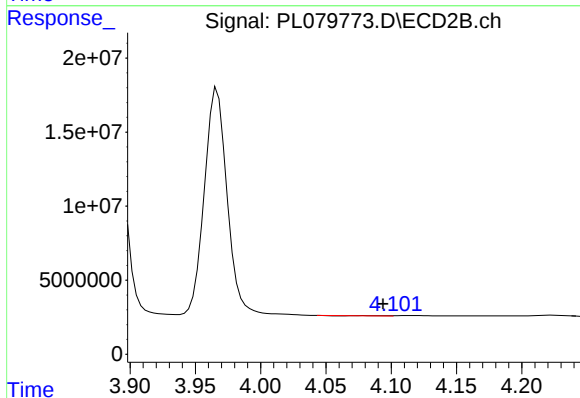
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 108524320  
Conc: 45.89 ng/ml



#24 Chlordane-2

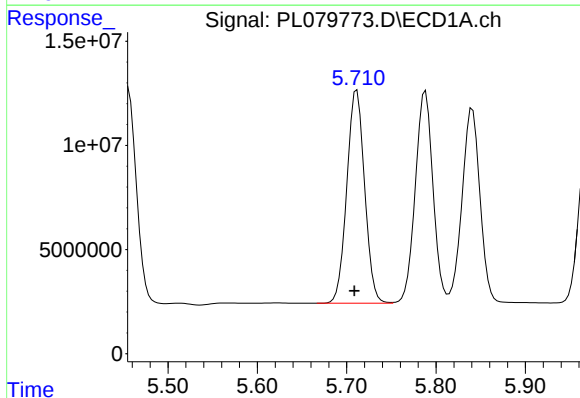
R.T.: 5.023 min  
Delta R.T.: 0.023 min  
Response: 151475773  
Conc: 1437.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



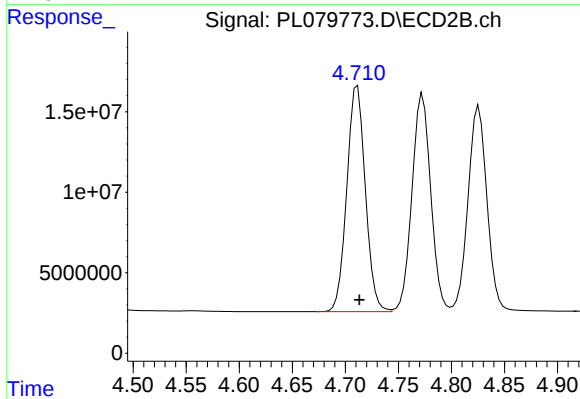
#24 Chlordane-2

R.T.: 4.079 min  
Delta R.T.: -0.015 min  
Response: 192140  
Conc: 1.64 ng/ml



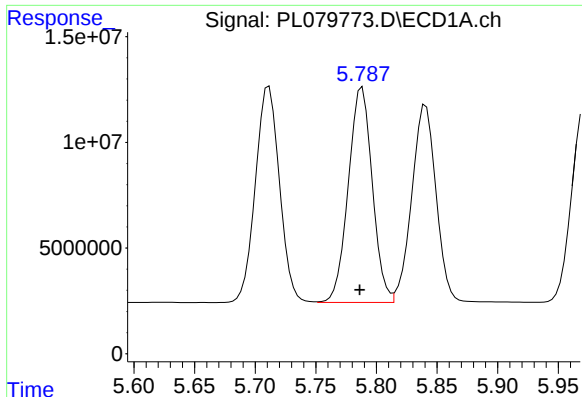
#25 Chlordane-3

R.T.: 5.711 min  
Delta R.T.: 0.003 min  
Response: 141530190  
Conc: 340.85 ng/ml



#25 Chlordane-3

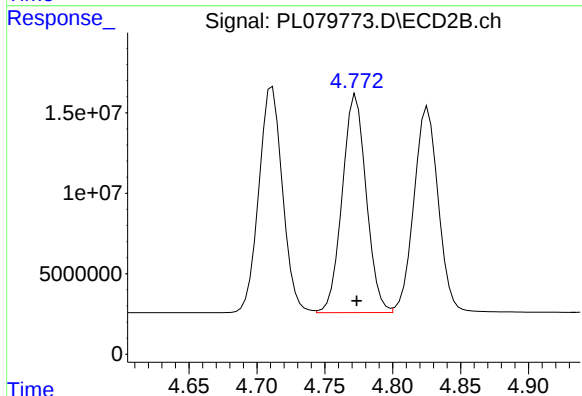
R.T.: 4.711 min  
Delta R.T.: -0.002 min  
Response: 170054491  
Conc: 508.68 ng/ml



#26 Chlordane-4

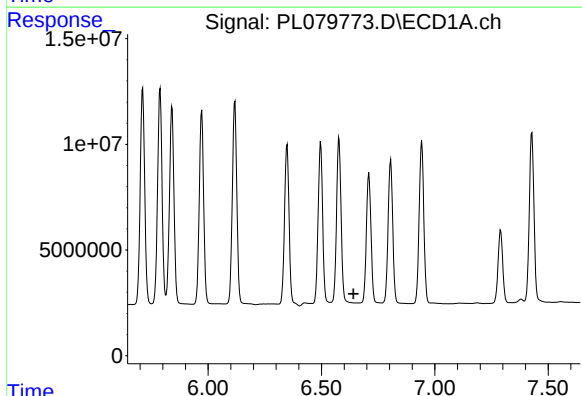
R.T.: 5.788 min  
Delta R.T.: 0.002 min  
Response: 140122223  
Conc: 275.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



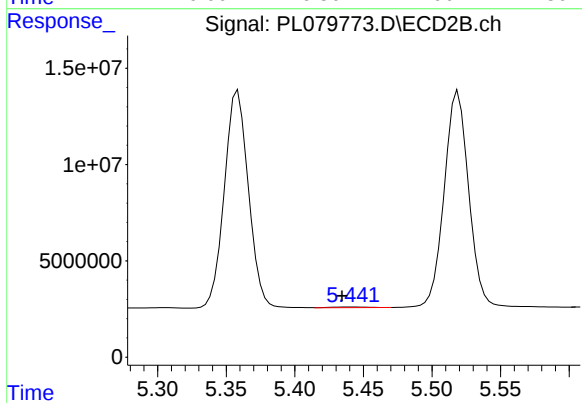
#26 Chlordane-4

R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 166392929  
Conc: 459.19 ng/ml



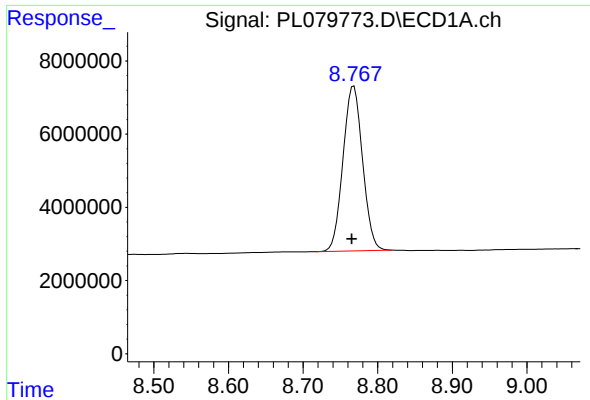
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

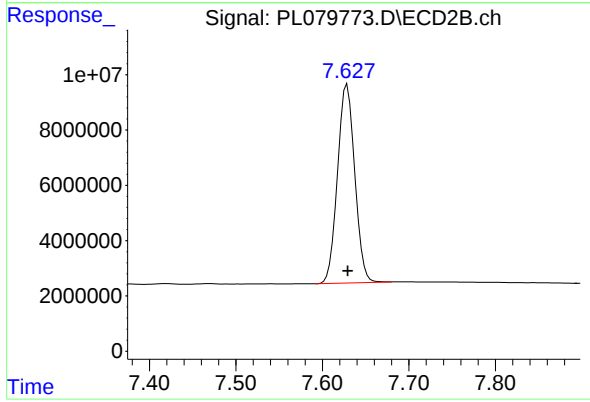
R.T.: 5.442 min  
Delta R.T.: 0.008 min  
Response: 568630  
Conc: 6.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min  
Delta R.T.: 0.003 min  
Response: 81970863  
Conc: 42.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.629 min  
Delta R.T.: 0.000 min  
Response: 99086845  
Conc: 42.18 ng/ml