

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090423\  
 Data File : PD077632.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2023 02:00  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 05:13:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 01 16:18:56 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.542  | 2.761 | 124.7E6  | 81452636 | 49.101   | 51.499     |
| 28)                         | SA Decachlor... | 9.081  | 7.899 | 144.2E6  | 85835773 | 47.326   | 49.742     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.999  | 3.262 | 210.5E6  | 120.5E6  | 51.158   | 52.078     |
| 3)                          | MA gamma-BHC... | 4.332  | 3.591 | 201.4E6  | 115.7E6  | 50.908   | 51.736     |
| 4)                          | MA Heptachlor   | 4.922  | 3.931 | 196.2E6  | 114.8E6  | 50.076   | 51.030     |
| 5)                          | MB Aldrin       | 5.265  | 4.210 | 202.1E6  | 116.1E6  | 50.249   | 50.943     |
| 6)                          | B beta-BHC      | 4.529  | 3.889 | 79196331 | 45843361 | 49.075   | 51.436     |
| 7)                          | B delta-BHC     | 4.777  | 4.118 | 197.0E6  | 114.6E6  | 53.441   | 52.867     |
| 8)                          | B Heptachlo...  | 5.693  | 4.712 | 175.8E6  | 103.7E6  | 49.175   | 51.112     |
| 9)                          | A Endosulfan I  | 6.080  | 5.082 | 161.2E6  | 95073414 | 49.004   | 50.756     |
| 10)                         | B gamma-Chl...  | 5.950  | 4.962 | 173.5E6  | 102.6E6  | 49.299   | 51.015     |
| 11)                         | B alpha-Chl...  | 6.029  | 5.027 | 174.4E6  | 102.1E6  | 49.012   | 50.667     |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.215 | 160.7E6  | 96312261 | 49.911   | 52.766     |
| 13)                         | MA Dieldrin     | 6.356  | 5.347 | 174.5E6  | 104.9E6  | 49.061   | 51.377     |
| 14)                         | MA Endrin       | 6.586  | 5.623 | 145.3E6  | 90452836 | 47.887   | 49.938     |
| 15)                         | B Endosulfa...  | 6.806  | 5.917 | 145.7E6  | 87358649 | 47.018   | 51.056     |
| 16)                         | A 4,4'-DDD      | 6.721  | 5.770 | 128.6E6  | 76927463 | 50.174   | 55.050     |
| 17)                         | MA 4,4'-DDT     | 7.035  | 6.022 | 129.4E6  | 76548286 | 49.477   | 54.180     |
| 18)                         | B Endrin al...  | 6.936  | 6.097 | 110.7E6  | 66833746 | 46.580   | 49.513     |
| 19)                         | B Endosulfa...  | 7.171  | 6.320 | 135.3E6  | 81940754 | 47.665   | 51.174     |
| 20)                         | A Methoxychlor  | 7.511  | 6.596 | 72012801 | 41179435 | 46.557   | 53.187     |
| 21)                         | B Endrin ke...  | 7.657  | 6.826 | 157.2E6  | 98190531 | 48.363   | 51.932     |
| 22)                         | Mirex           | 8.132  | 7.008 | 112.8E6  | 75222509 | 46.915   | 49.124     |
| 24)                         | Chlordane-2     | 5.265f | 4.347 | 202.1E6  | 1441420  | 1583.408 | 22.631 #   |
| 25)                         | Chlordane-3     | 5.950  | 4.962 | 173.5E6  | 102.6E6  | 345.455  | 522.675 #  |
| 26)                         | Chlordane-4     | 6.029  | 5.027 | 174.4E6  | 102.1E6  | 283.118  | 539.464 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.917 | 0        | 87358649 | N.D.     | 1357.813 # |
| -----                       |                 |        |       |          |          |          |            |

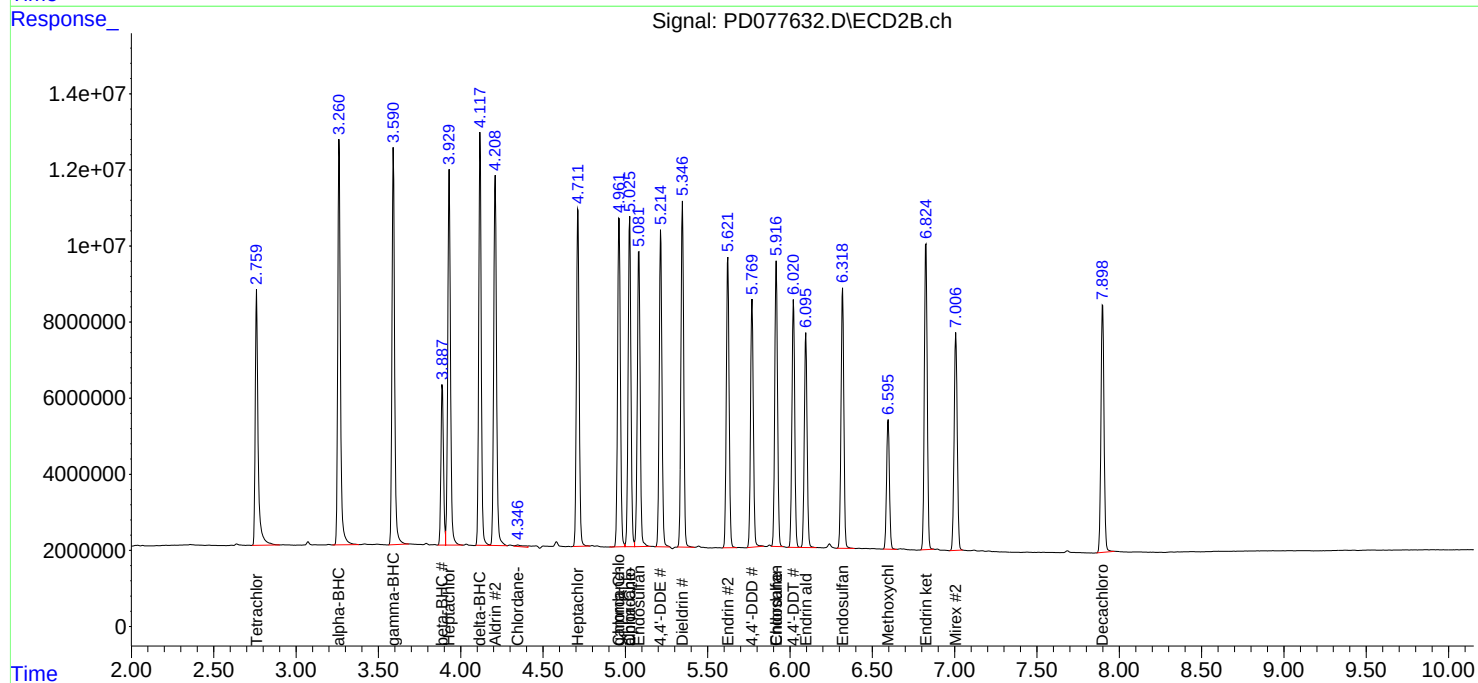
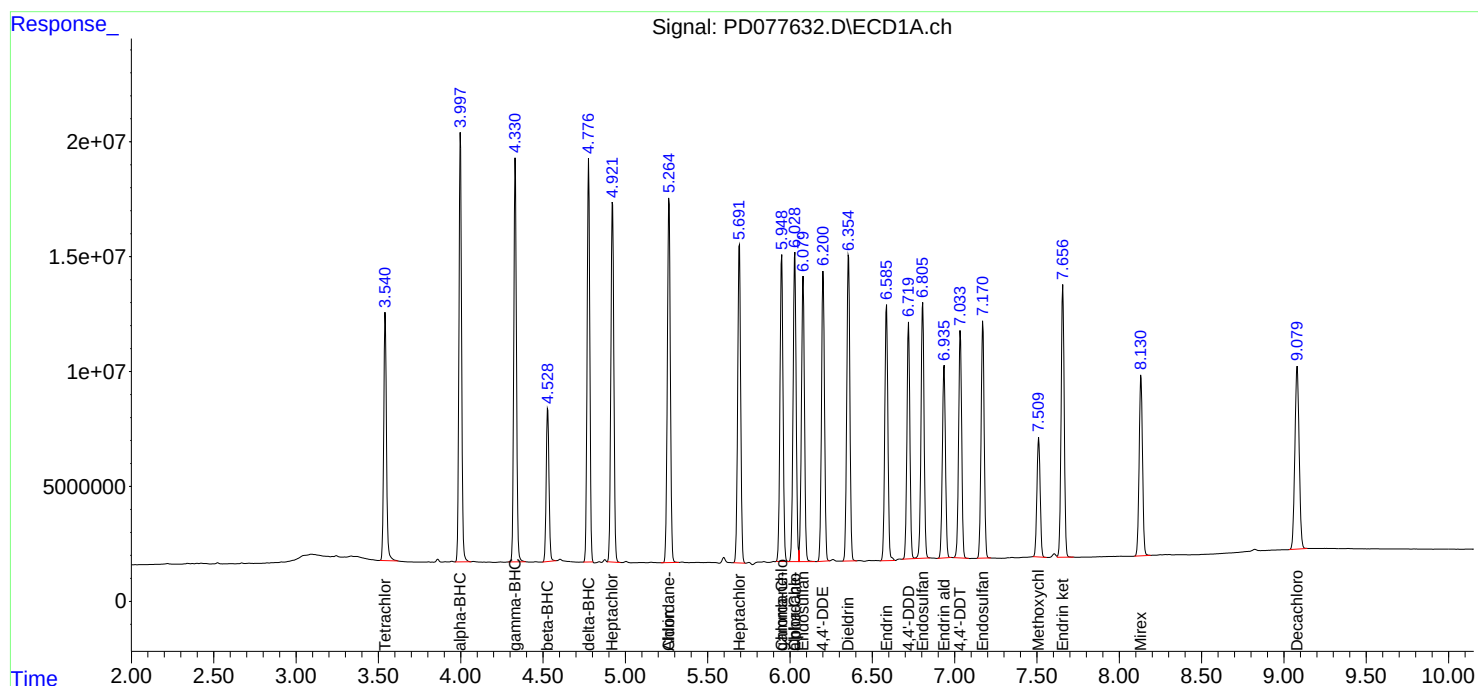
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

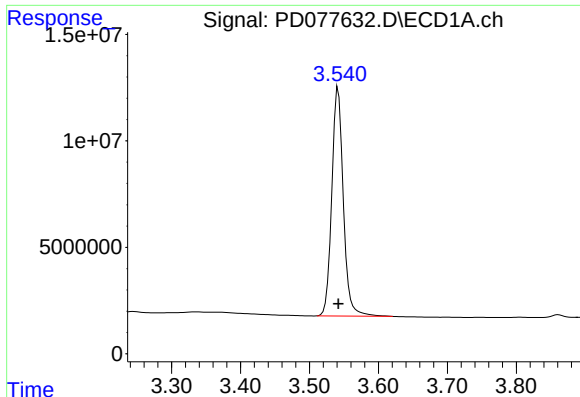
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090423\  
Data File : PD077632.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2023 02:00  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 05:13:53 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 01 16:18:56 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

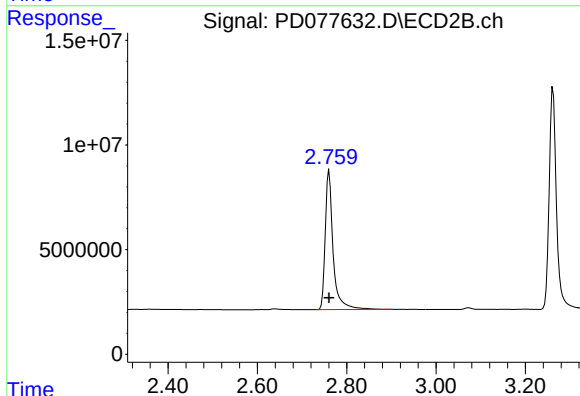




#1 Tetrachloro-m-xylene

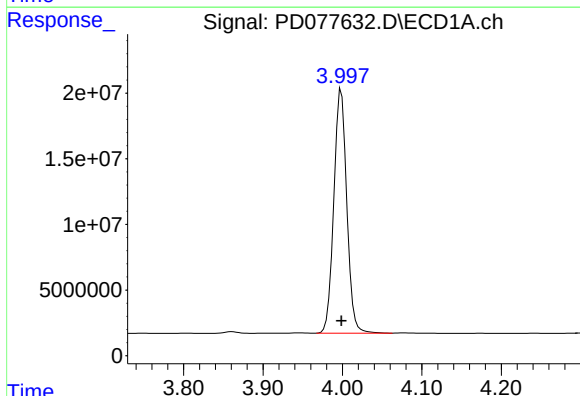
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 124669076  
Conc: 49.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



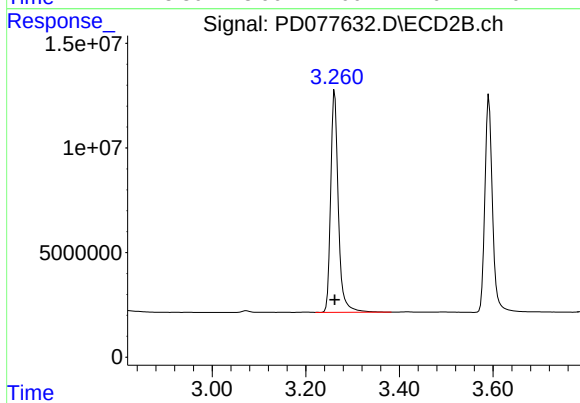
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: 0.000 min  
Response: 81452636  
Conc: 51.50 ng/ml



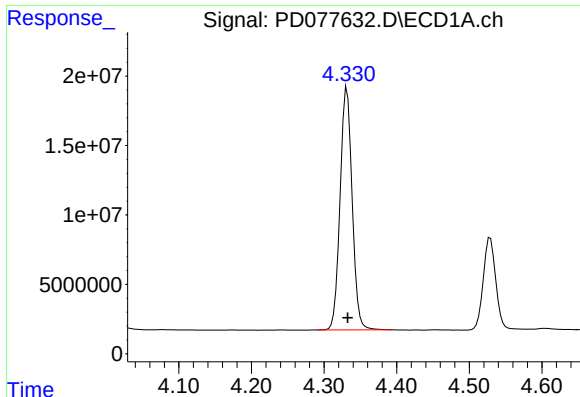
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 210472698  
Conc: 51.16 ng/ml



#2 alpha-BHC

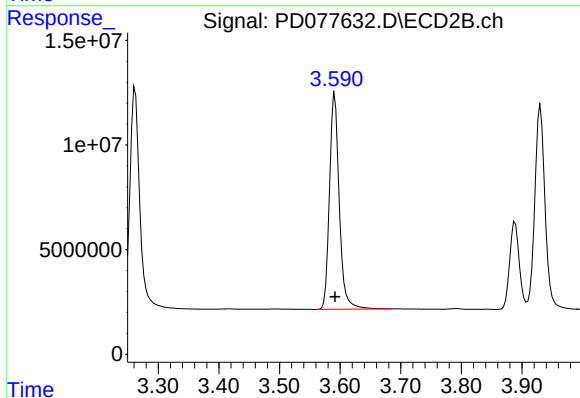
R.T.: 3.262 min  
Delta R.T.: 0.000 min  
Response: 120484069  
Conc: 52.08 ng/ml



#3 gamma-BHC (Lindane)

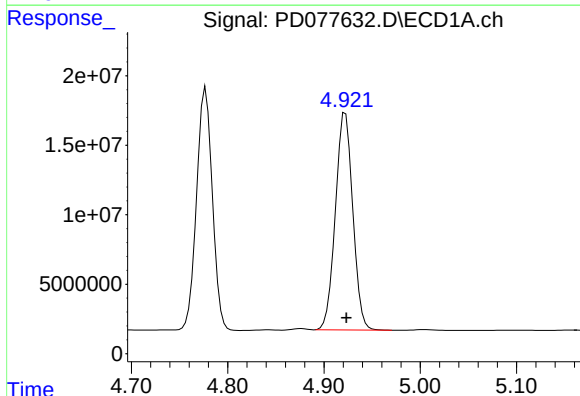
R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 201387329  
Conc: 50.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



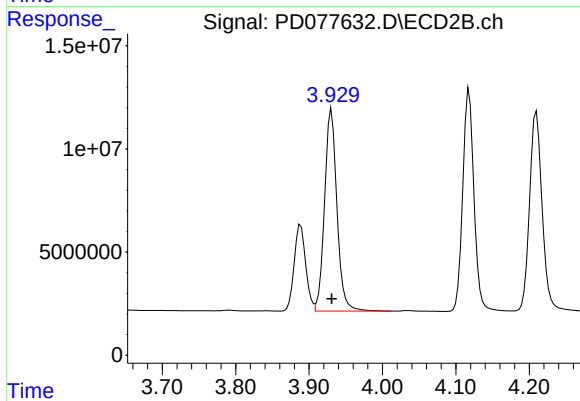
#3 gamma-BHC (Lindane)

R.T.: 3.591 min  
Delta R.T.: 0.000 min  
Response: 115653283  
Conc: 51.74 ng/ml



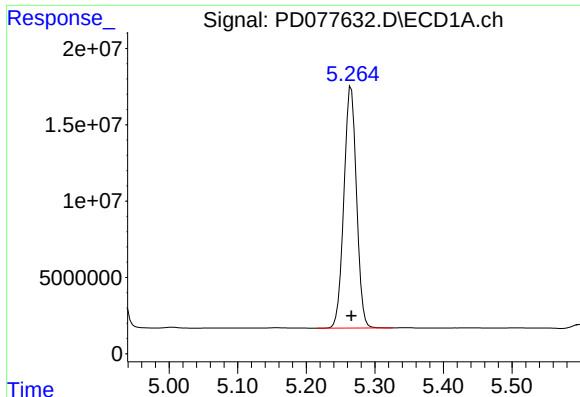
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.000 min  
Response: 196197888  
Conc: 50.08 ng/ml



#4 Heptachlor

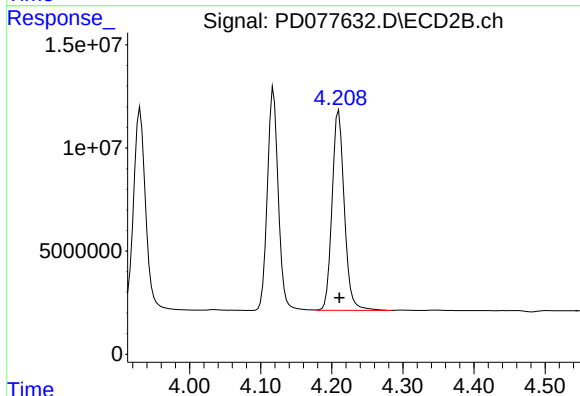
R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 114787414  
Conc: 51.03 ng/ml



#5 Aldrin

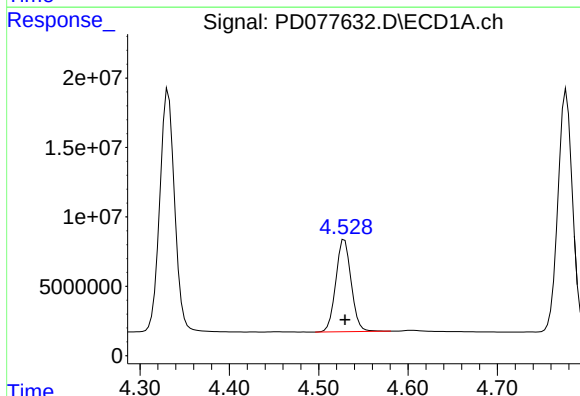
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 202093500  
Conc: 50.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



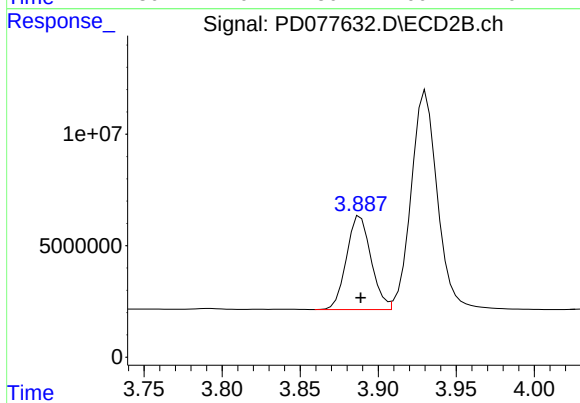
#5 Aldrin

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 116050666  
Conc: 50.94 ng/ml



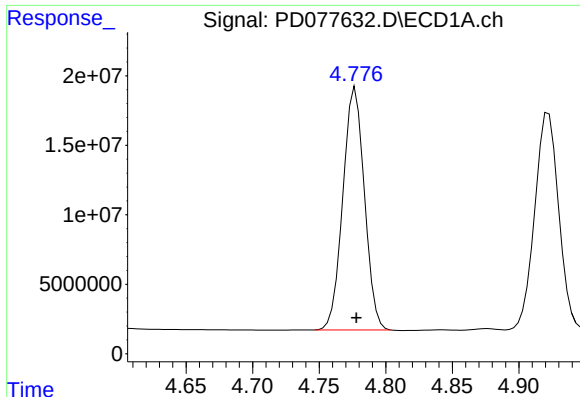
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 79196331  
Conc: 49.07 ng/ml



#6 beta-BHC

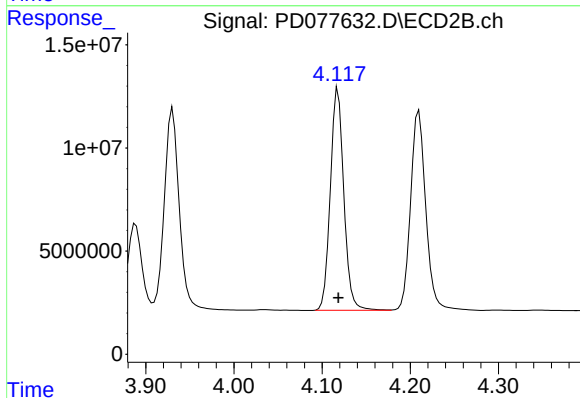
R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 45843361  
Conc: 51.44 ng/ml



#7 delta-BHC

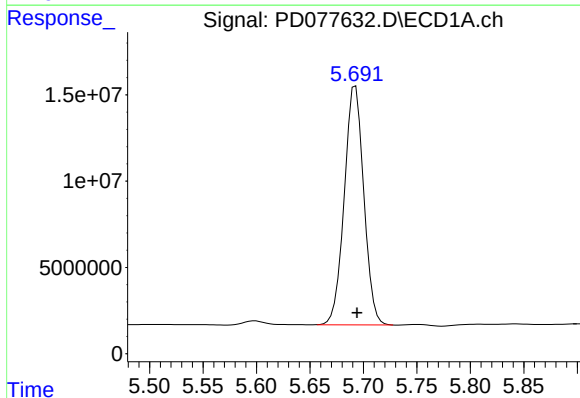
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 197004905  
Conc: 53.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



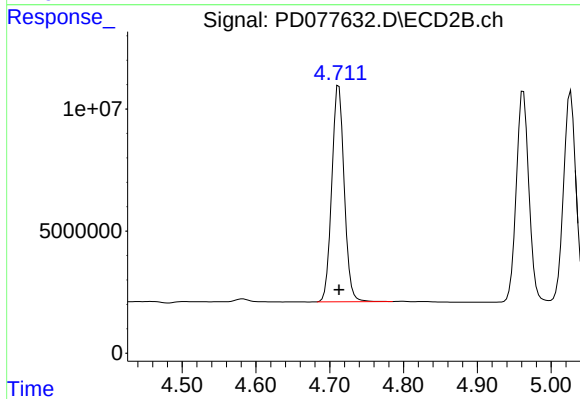
#7 delta-BHC

R.T.: 4.118 min  
Delta R.T.: 0.000 min  
Response: 114607944  
Conc: 52.87 ng/ml



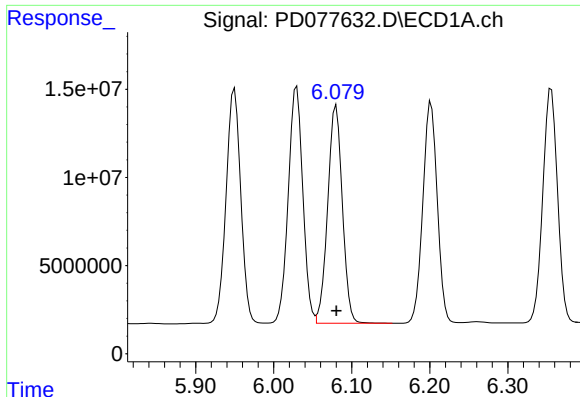
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: -0.001 min  
Response: 175828467  
Conc: 49.17 ng/ml



#8 Heptachlor epoxide

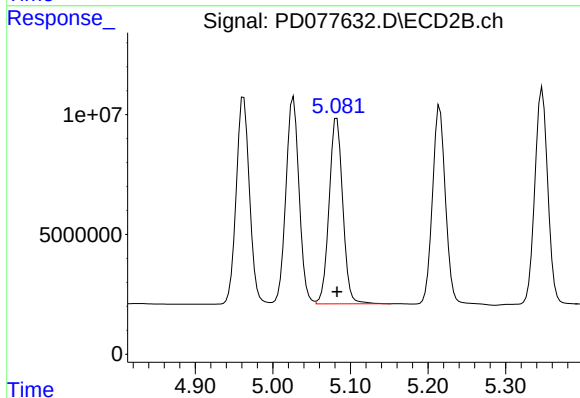
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 103665776  
Conc: 51.11 ng/ml



#9 Endosulfan I

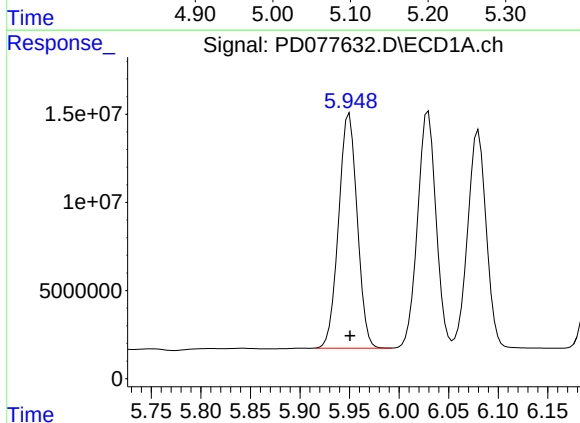
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 161178776  
Conc: 49.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



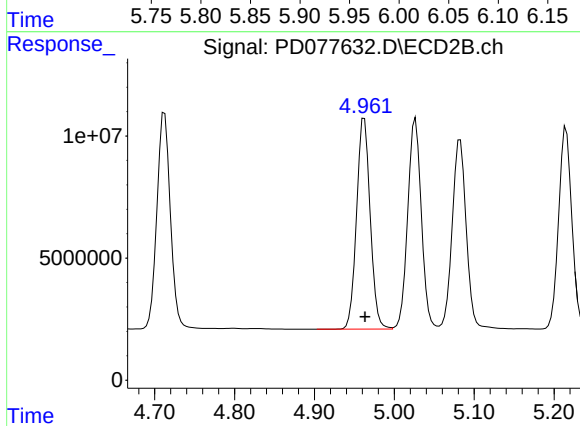
#9 Endosulfan I

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 95073414  
Conc: 50.76 ng/ml



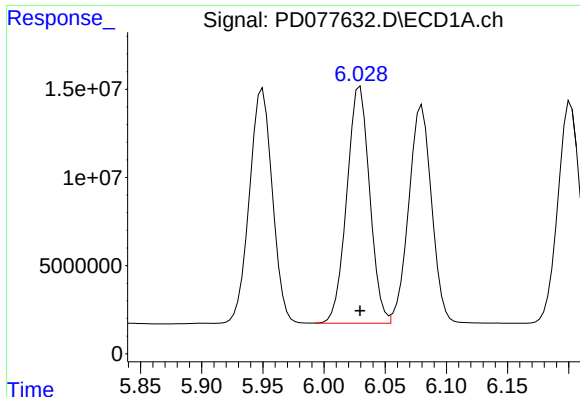
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 173549611  
Conc: 49.30 ng/ml



#10 gamma-Chlordane

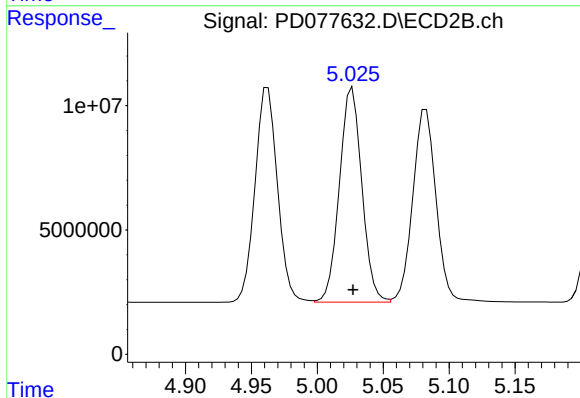
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 102550181  
Conc: 51.02 ng/ml



#11 alpha-Chlordane

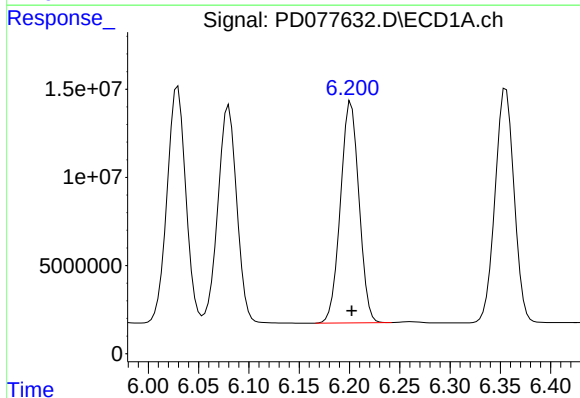
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 174402147  
Conc: 49.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



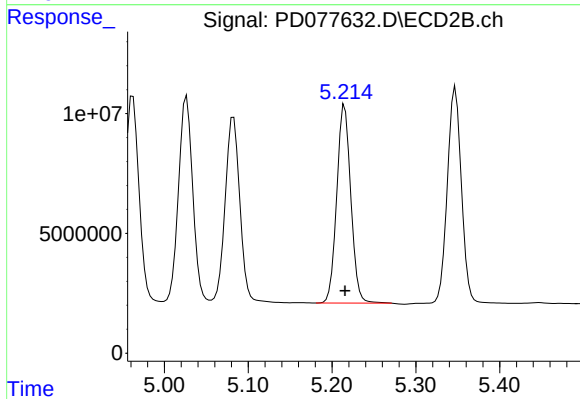
#11 alpha-Chlordane

R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 102078710  
Conc: 50.67 ng/ml



#12 4,4'-DDE

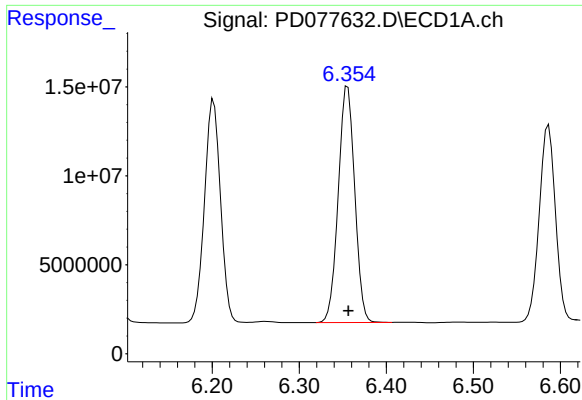
R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 160693339  
Conc: 49.91 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 96312261  
Conc: 52.77 ng/ml

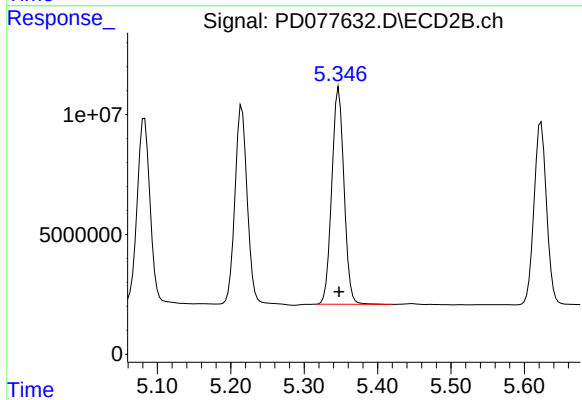




#13 Dieldrin

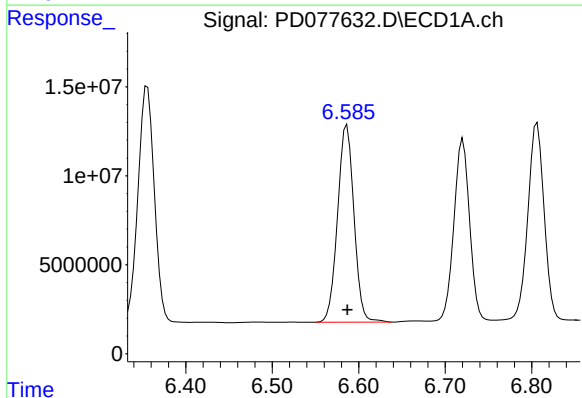
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 174549891  
Conc: 49.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



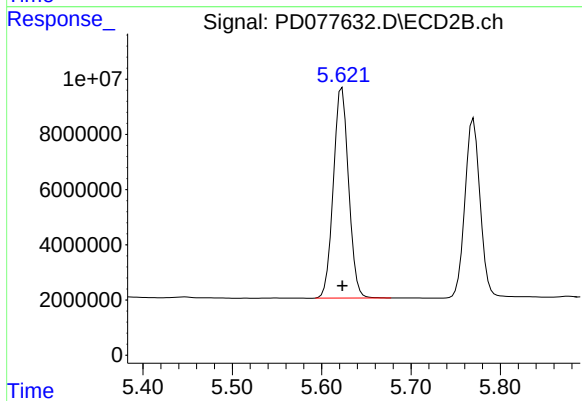
#13 Dieldrin

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 104902722  
Conc: 51.38 ng/ml



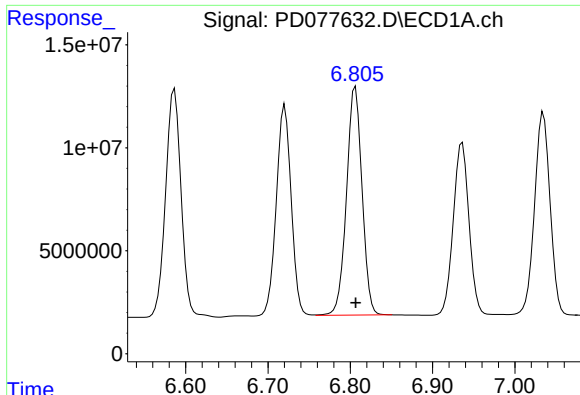
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 145250332  
Conc: 47.89 ng/ml



#14 Endrin

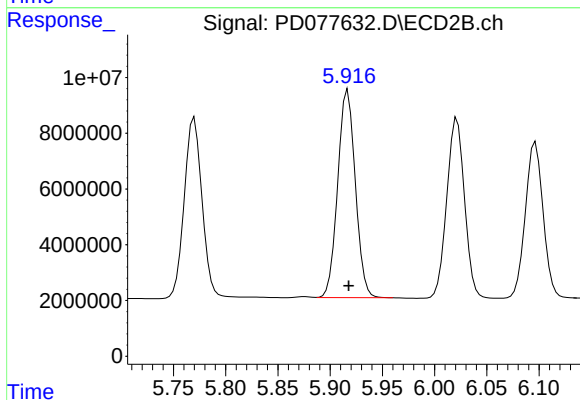
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 90452836  
Conc: 49.94 ng/ml



#15 Endosulfan II

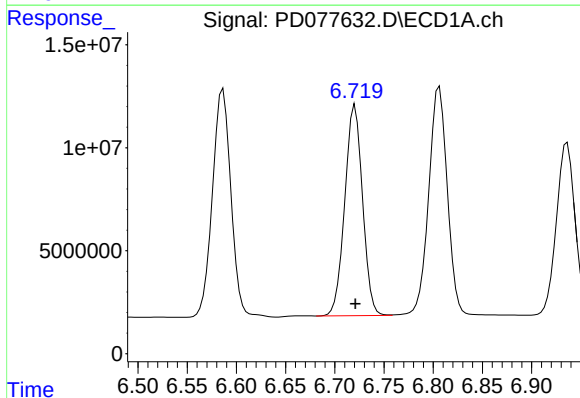
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 145691603  
Conc: 47.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



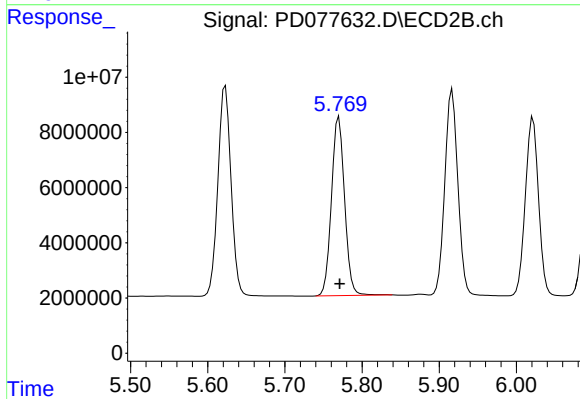
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 87358649  
Conc: 51.06 ng/ml



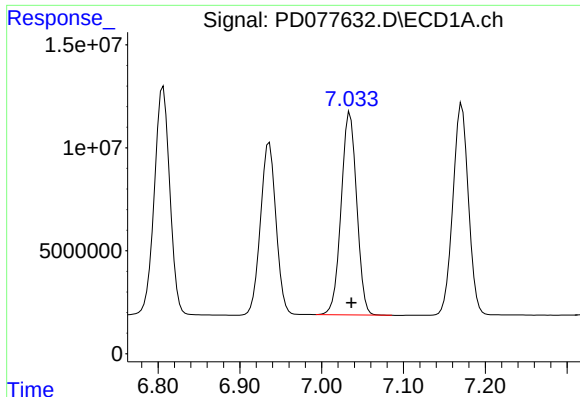
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 128560553  
Conc: 50.17 ng/ml



#16 4,4'-DDD

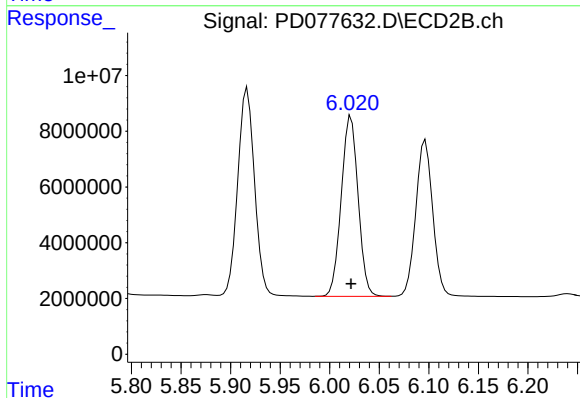
R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 76927463  
Conc: 55.05 ng/ml



#17 4,4'-DDT

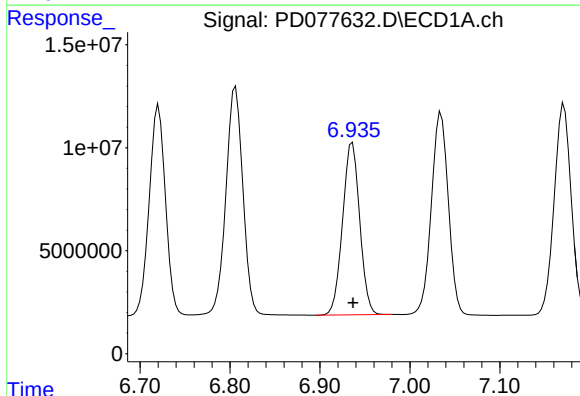
R.T.: 7.035 min  
Delta R.T.: -0.002 min  
Response: 129396869  
Conc: 49.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



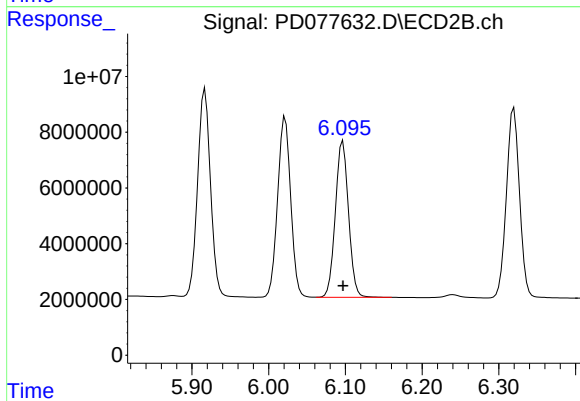
#17 4,4'-DDT

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 76548286  
Conc: 54.18 ng/ml



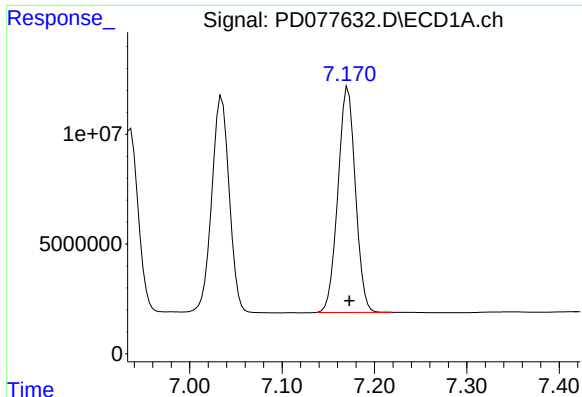
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 110692620  
Conc: 46.58 ng/ml



#18 Endrin aldehyde

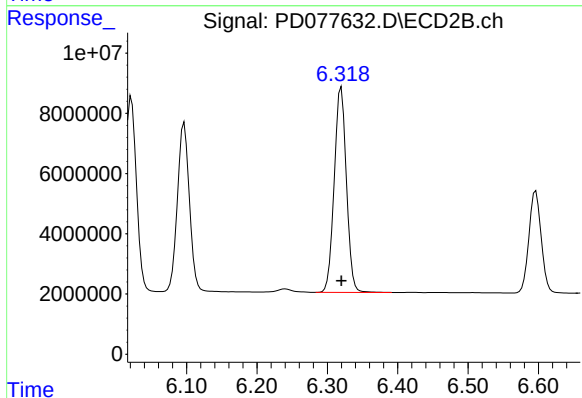
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 66833746  
Conc: 49.51 ng/ml



#19 Endosulfan Sulfate

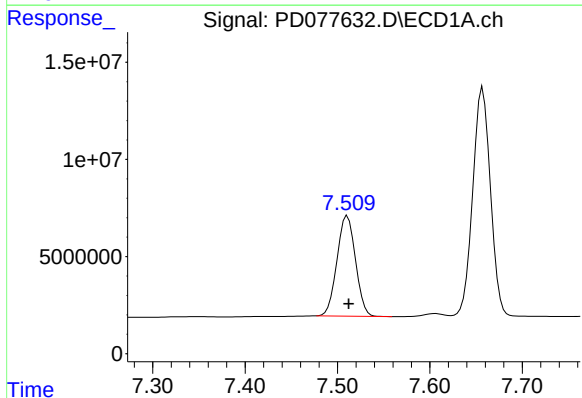
R.T.: 7.171 min  
Delta R.T.: -0.001 min  
Response: 135269277  
Conc: 47.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



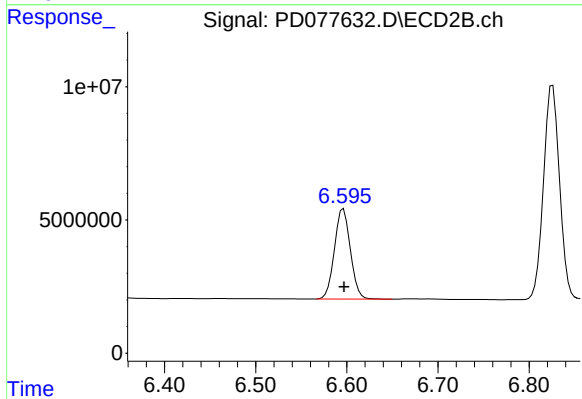
#19 Endosulfan Sulfate

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 81940754  
Conc: 51.17 ng/ml



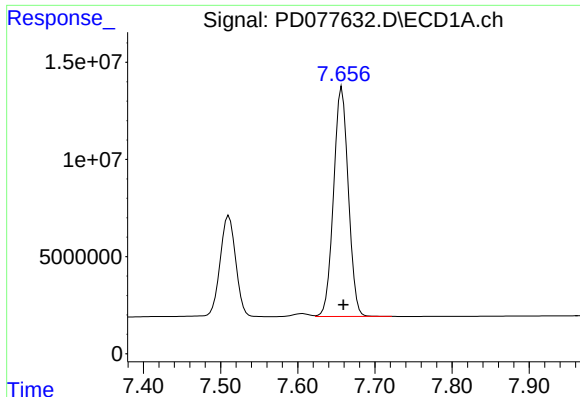
#20 Methoxychlor

R.T.: 7.511 min  
Delta R.T.: -0.001 min  
Response: 72012801  
Conc: 46.56 ng/ml



#20 Methoxychlor

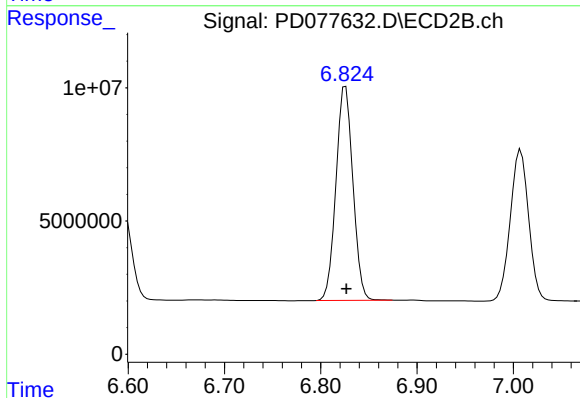
R.T.: 6.596 min  
Delta R.T.: 0.000 min  
Response: 41179435  
Conc: 53.19 ng/ml



#21 Endrin ketone

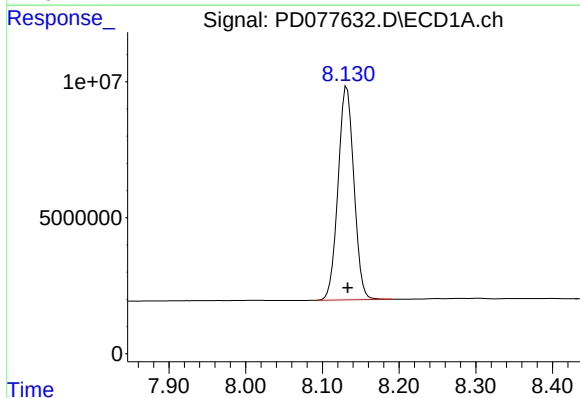
R.T.: 7.657 min  
Delta R.T.: -0.002 min  
Response: 157183334  
Conc: 48.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



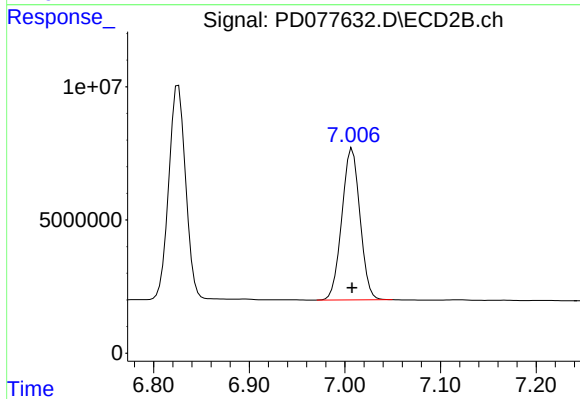
#21 Endrin ketone

R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 98190531  
Conc: 51.93 ng/ml



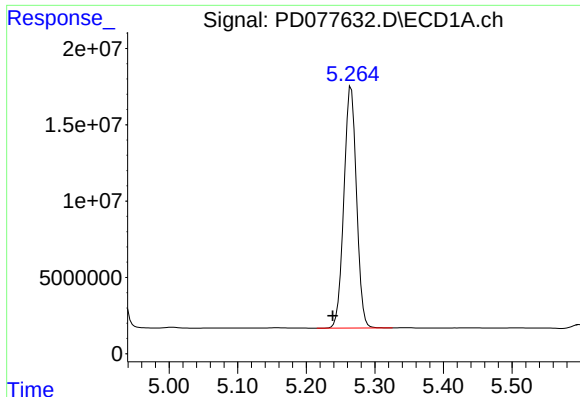
#22 Mirex

R.T.: 8.132 min  
Delta R.T.: -0.001 min  
Response: 112834219  
Conc: 46.92 ng/ml



#22 Mirex

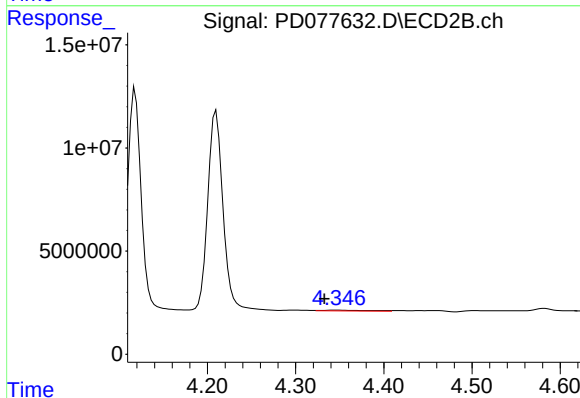
R.T.: 7.008 min  
Delta R.T.: 0.000 min  
Response: 75222509  
Conc: 49.12 ng/ml



#24 Chlordane-2

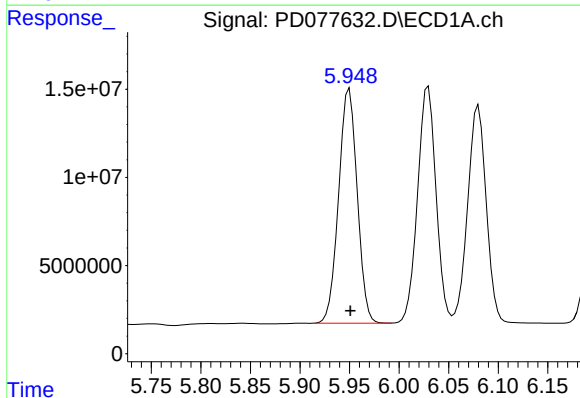
R.T.: 5.265 min  
Delta R.T.: 0.027 min  
Response: 202093500  
Conc: 1583.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



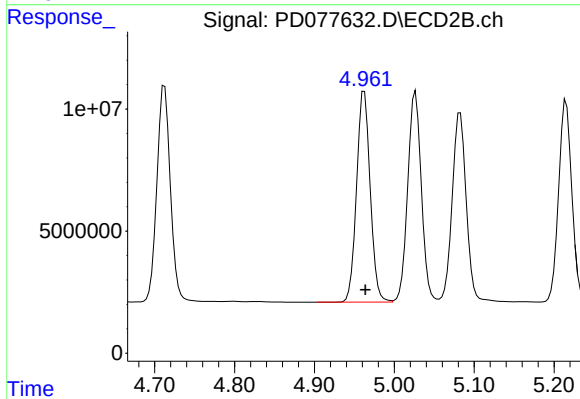
#24 Chlordane-2

R.T.: 4.347 min  
Delta R.T.: 0.015 min  
Response: 1441420  
Conc: 22.63 ng/ml



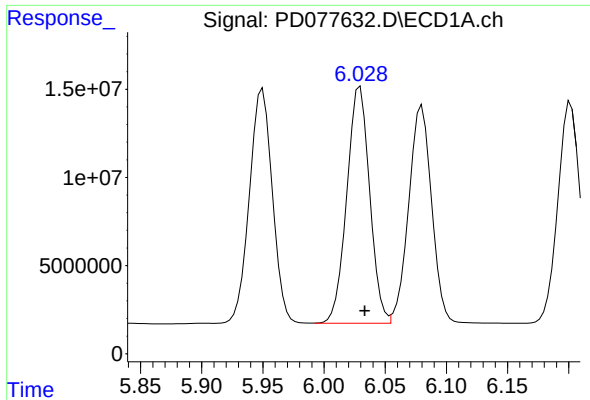
#25 Chlordane-3

R.T.: 5.950 min  
Delta R.T.: -0.001 min  
Response: 173549611  
Conc: 345.46 ng/ml



#25 Chlordane-3

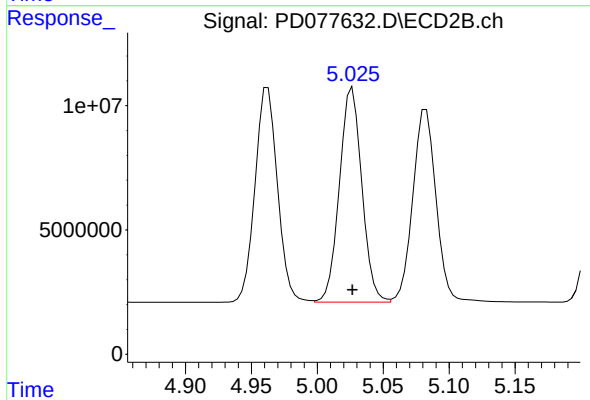
R.T.: 4.962 min  
Delta R.T.: -0.001 min  
Response: 102550181  
Conc: 522.68 ng/ml



#26 Chlordane-4

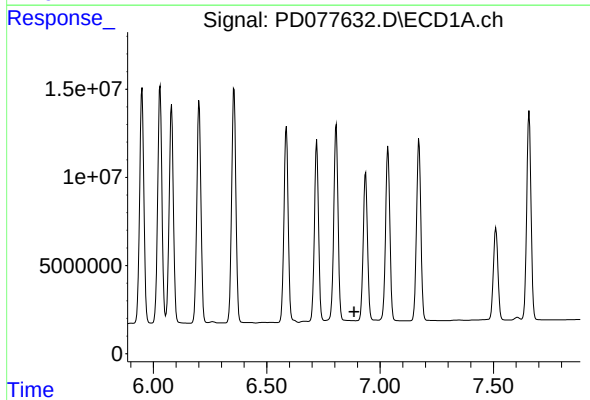
R.T.: 6.029 min  
Delta R.T.: -0.004 min  
Response: 174402147  
Conc: 283.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



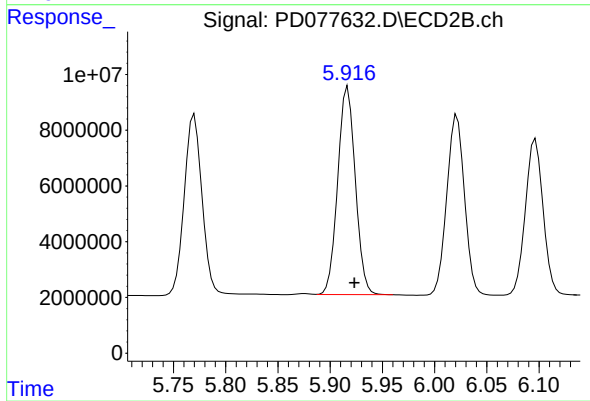
#26 Chlordane-4

R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 102078710  
Conc: 539.46 ng/ml



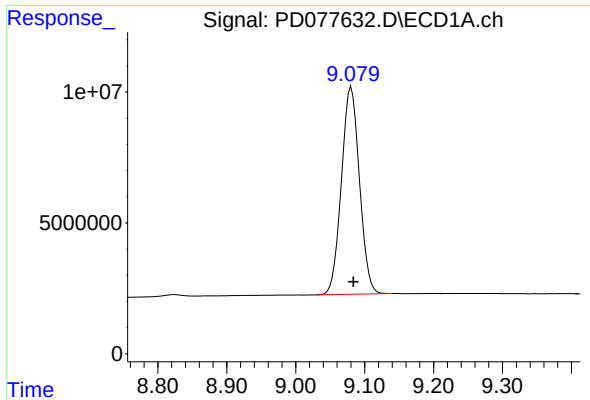
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.885 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

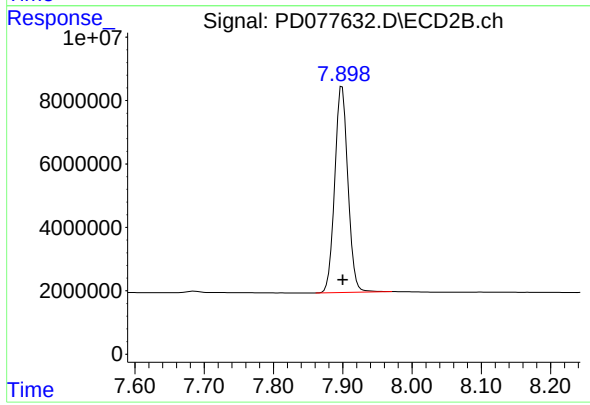
R.T.: 5.917 min  
Delta R.T.: -0.006 min  
Response: 87358649  
Conc: 1357.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: -0.003 min  
Response: 144166117  
Conc: 47.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.899 min  
Delta R.T.: -0.001 min  
Response: 85835773  
Conc: 49.74 ng/ml