

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031423\  
 Data File : PD074219.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2023 23:13  
 Operator : AR\AJ  
 Sample : 01627-02  
 Misc : PEST LOQ 5PPB SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 05:10:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 15 05:04:28 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.551 | 2.772 | 45730231 | 23014400 | 19.605 | 18.911  |
| 28)                         | SA Decachlor... | 9.100 | 7.927 | 57196699 | 26293755 | 21.385 | 21.431  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.008 | 3.275 | 17100912 | 7846834  | 4.407  | 4.222   |
| 3)                          | MA gamma-BHC... | 4.341 | 3.606 | 16667780 | 8063086  | 4.751  | 4.706   |
| 4)                          | MA Heptachlor   | 4.934 | 3.948 | 17701006 | 8252048  | 5.166  | 4.837   |
| 5)                          | MB Aldrin       | 5.277 | 4.227 | 17807651 | 8165725  | 5.288  | 4.840m  |
| 6)                          | B beta-BHC      | 4.536 | 3.902 | 8724796  | 4081213  | 5.904  | 5.405   |
| 7)                          | B delta-BHC     | 4.783 | 4.132 | 17112958 | 8265964  | 6.236m | 4.856   |
| 8)                          | B Heptachlo...  | 5.701 | 4.731 | 21247200 | 7799716  | 7.554m | 5.081 # |
| 9)                          | A Endosulfan I  | 6.091 | 5.102 | 15440712 | 6663246  | 5.431  | 4.630   |
| 10)                         | B gamma-Chl...  | 5.961 | 4.982 | 16055838 | 7735934  | 5.350  | 4.982   |
| 11)                         | B alpha-Chl...  | 6.041 | 5.046 | 16488291 | 7797501  | 5.467  | 5.063   |
| 12)                         | B 4,4'-DDE      | 6.212 | 5.236 | 13945962 | 6642589  | 5.058  | 4.707   |
| 13)                         | MA Dieldrin     | 6.368 | 5.368 | 15744030 | 7565086  | 5.337  | 5.031   |
| 14)                         | MA Endrin       | 6.598 | 5.644 | 13291561 | 7483197  | 5.348  | 5.726   |
| 15)                         | B Endosulfa...  | 6.815 | 5.937 | 15520279 | 7125410  | 6.025m | 5.663   |
| 16)                         | A 4,4'-DDD      | 6.730 | 5.791 | 11719583 | 5676663  | 5.225  | 4.863   |
| 17)                         | MA 4,4'-DDT     | 7.046 | 6.043 | 13286211 | 6007084  | 5.212  | 4.892   |
| 18)                         | B Endrin al...  | 6.947 | 6.117 | 12305940 | 6082147  | 6.156  | 5.989   |
| 19)                         | B Endosulfa...  | 7.182 | 6.339 | 14033988 | 6644766  | 5.684  | 5.443   |
| 20)                         | A Methoxychlor  | 7.522 | 6.620 | 6649020  | 3746863  | 4.752  | 5.538   |
| 21)                         | B Endrin ke...  | 7.669 | 6.845 | 16460798 | 7574779  | 5.913  | 5.135m  |
| 22)                         | Mirex           | 8.147 | 7.031 | 13921470 | 6638984  | 6.556  | 5.845   |
| -----                       |                 |       |       |          |          |        |         |

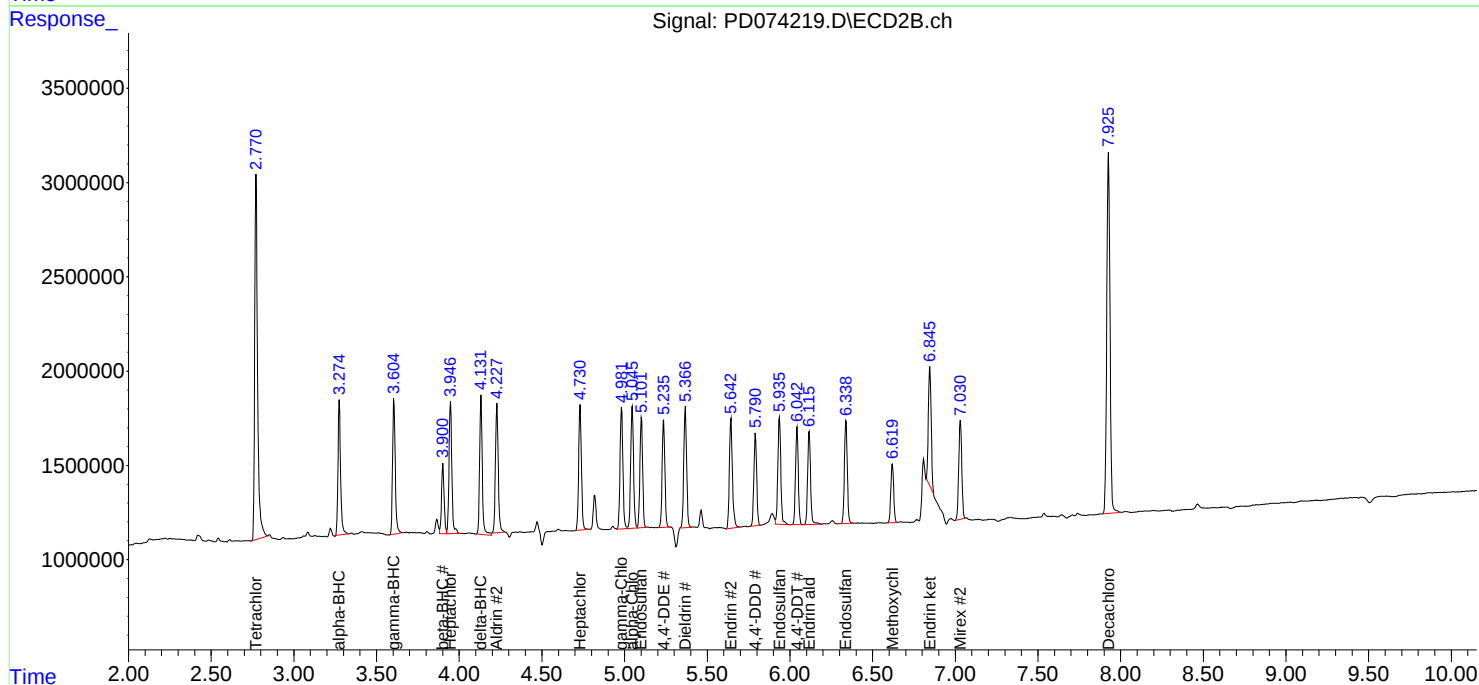
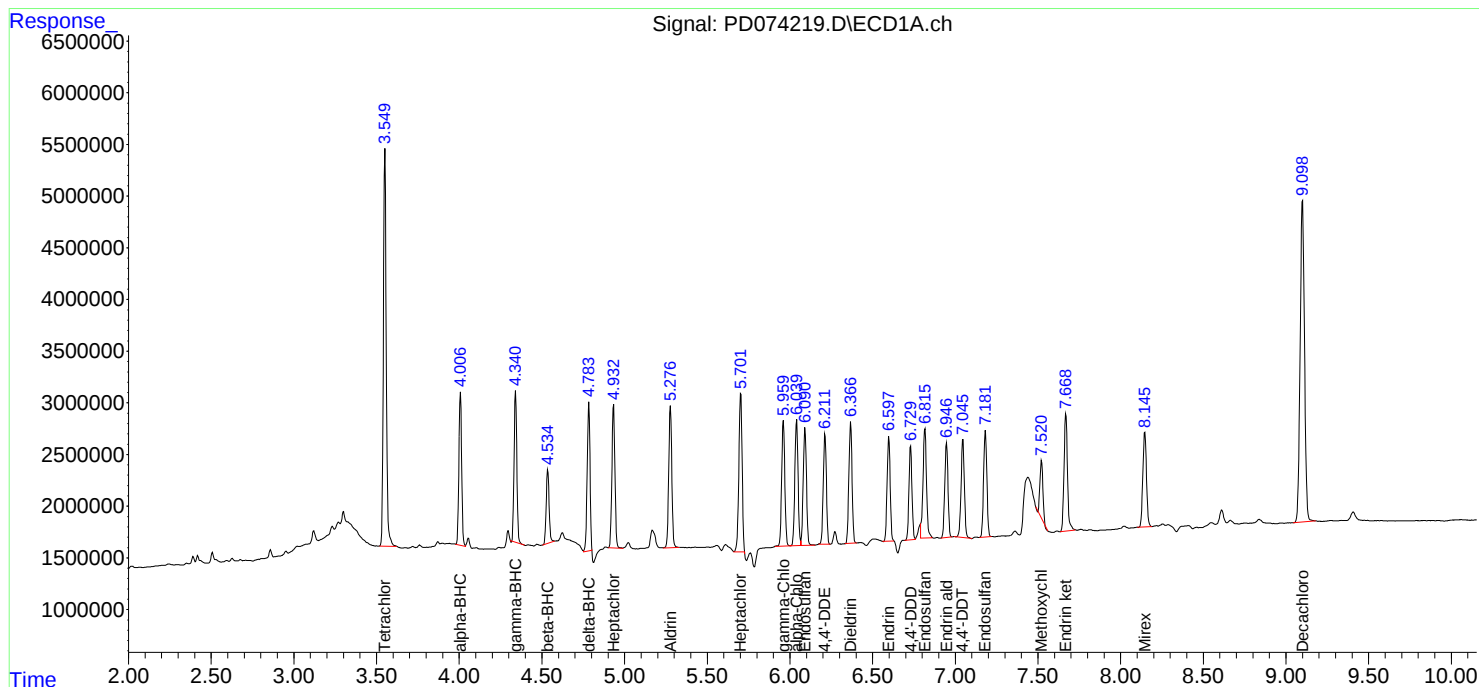
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

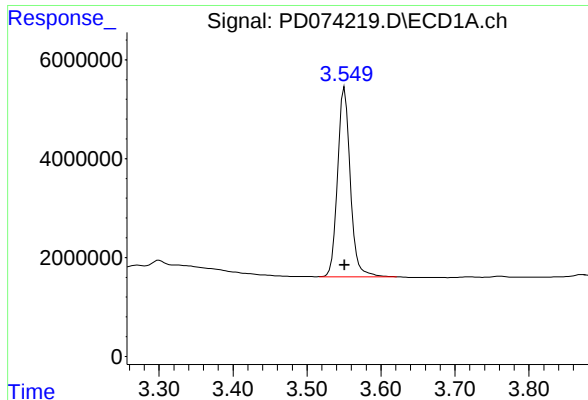
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031423\  
Data File : PD074219.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2023 23:13  
Operator : AR\AJ  
Sample : 01627-02  
Misc : PEST LOQ 5PPB SOIL  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 05:10:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 15 05:04:28 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

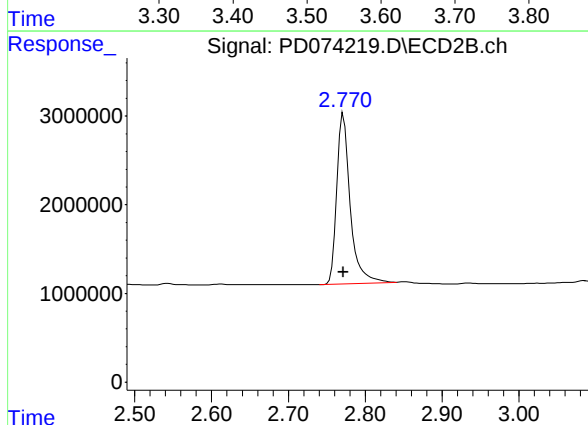




#1 Tetrachloro-m-xylene

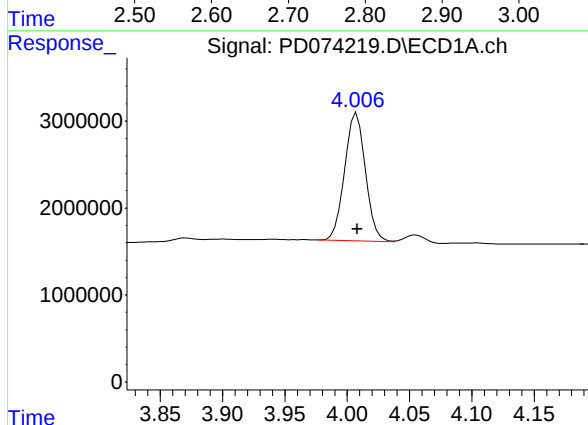
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 45730231  
Conc: 19.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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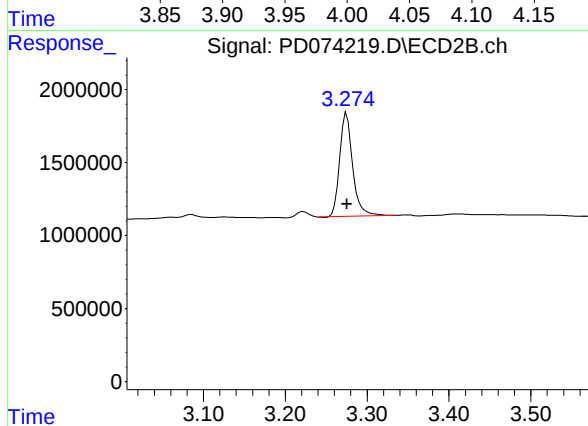
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: 0.000 min  
Response: 23014400  
Conc: 18.91 ng/ml



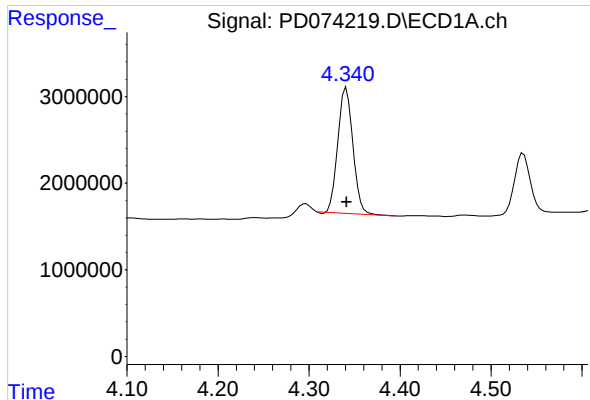
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 17100912  
Conc: 4.41 ng/ml



#2 alpha-BHC

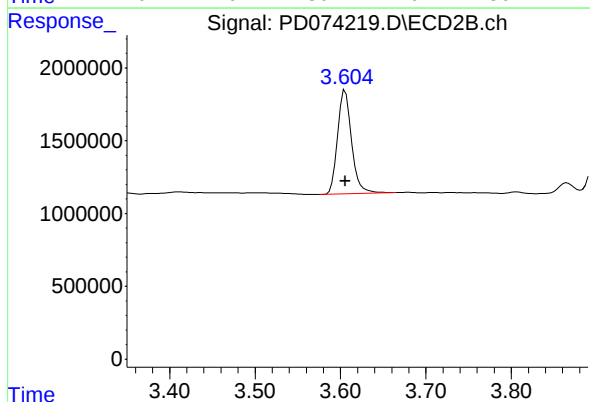
R.T.: 3.275 min  
Delta R.T.: 0.000 min  
Response: 7846834  
Conc: 4.22 ng/ml



#3 gamma-BHC (Lindane)

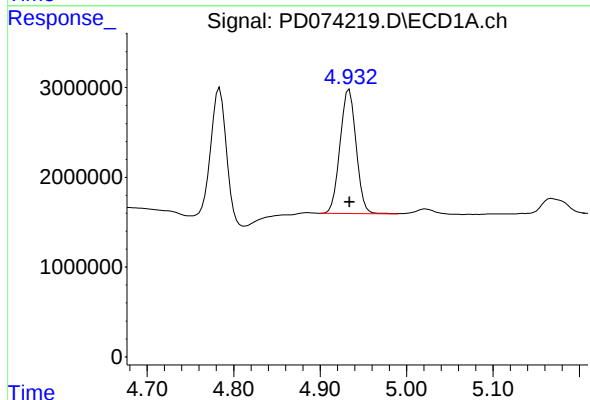
R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 16667780  
Conc: 4.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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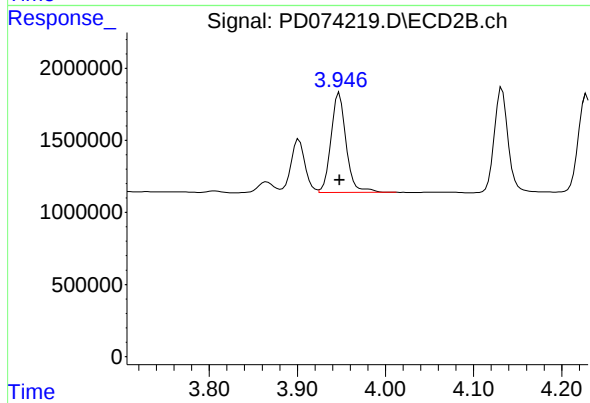
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 8063086  
Conc: 4.71 ng/ml



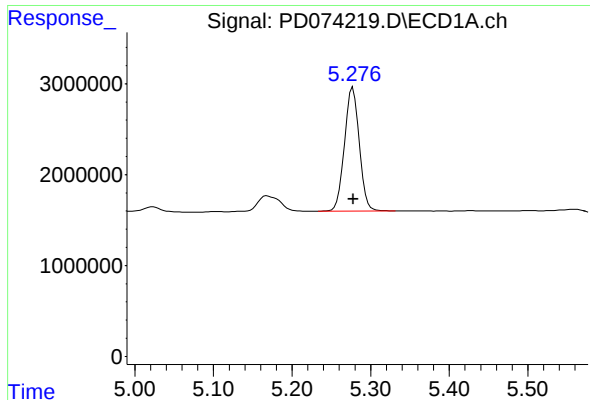
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 17701006  
Conc: 5.17 ng/ml



#4 Heptachlor

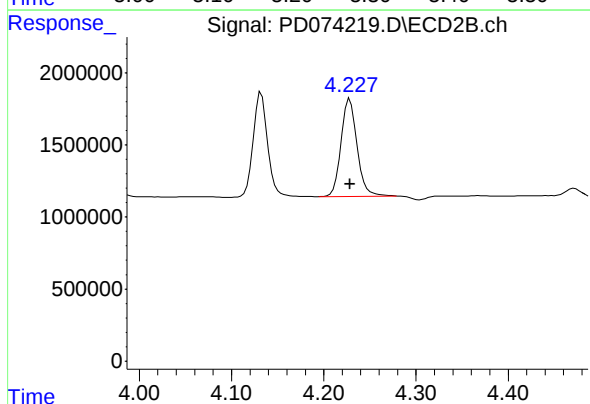
R.T.: 3.948 min  
Delta R.T.: 0.000 min  
Response: 8252048  
Conc: 4.84 ng/ml



#5 Aldrin

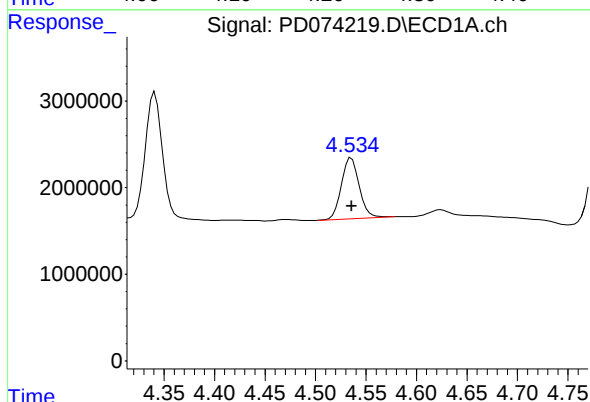
R.T.: 5.277 min  
Delta R.T.: 0.000 min  
Response: 17807651  
Conc: 5.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



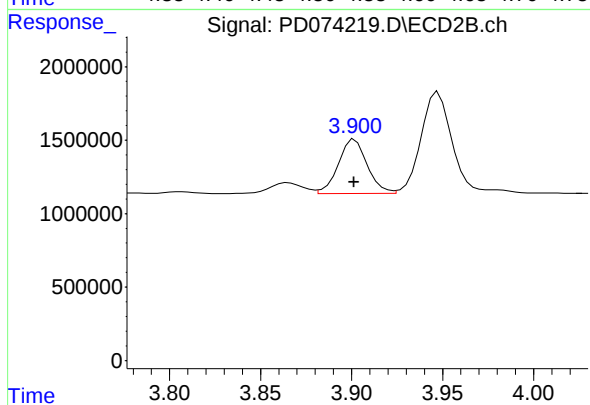
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.002 min  
Response: 8165725  
Conc: 4.84 ng/ml



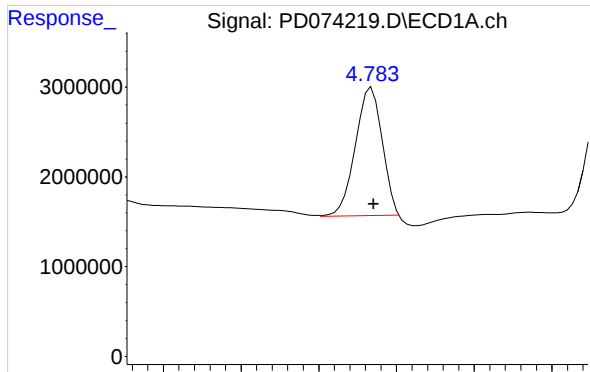
#6 beta-BHC

R.T.: 4.536 min  
Delta R.T.: 0.000 min  
Response: 8724796  
Conc: 5.90 ng/ml



#6 beta-BHC

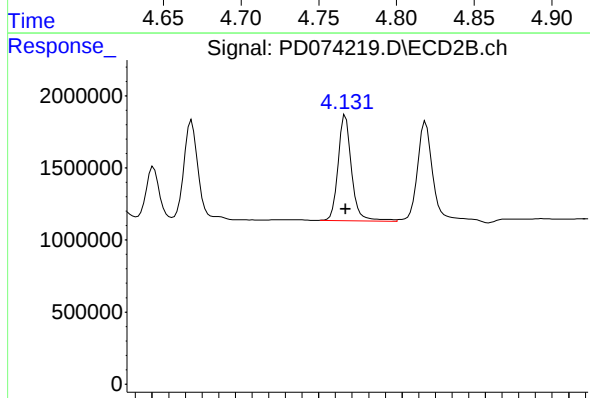
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 4081213  
Conc: 5.40 ng/ml



#7 delta-BHC

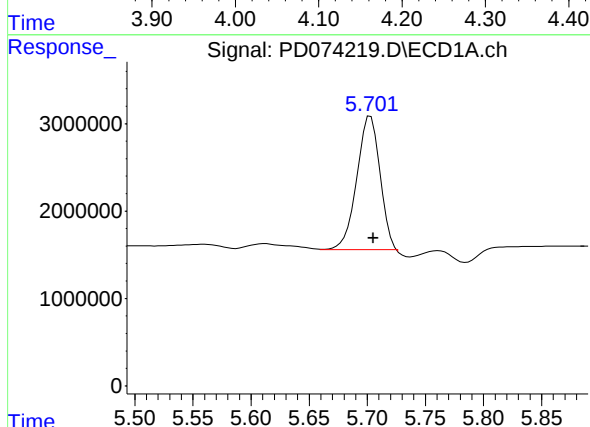
R.T.: 4.783 min  
Delta R.T.: -0.003 min  
Response: 17112958  
Conc: 6.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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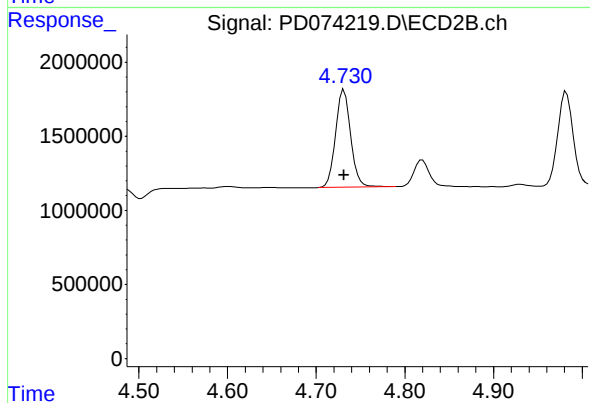
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: 0.000 min  
Response: 8265964  
Conc: 4.86 ng/ml



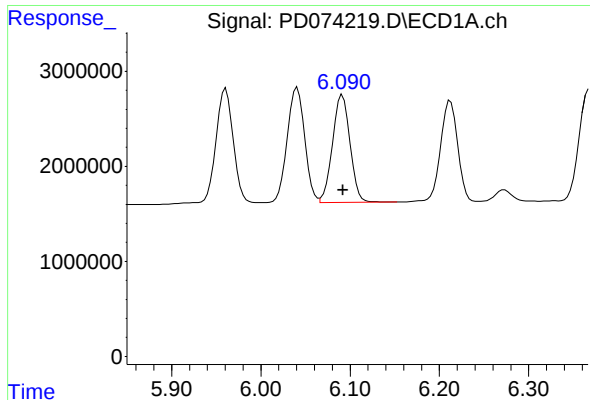
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: -0.004 min  
Response: 21247200  
Conc: 7.55 ng/ml m



#8 Heptachlor epoxide

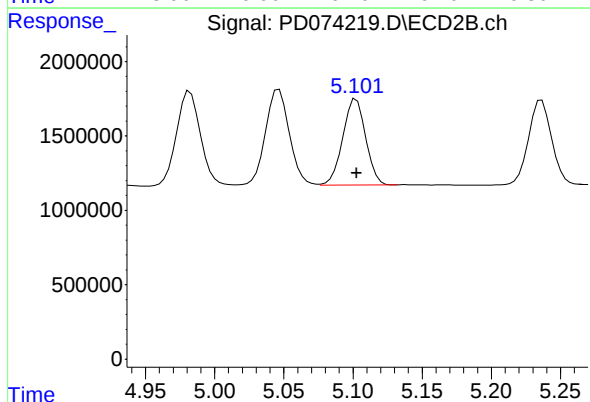
R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 7799716  
Conc: 5.08 ng/ml



#9 Endosulfan I

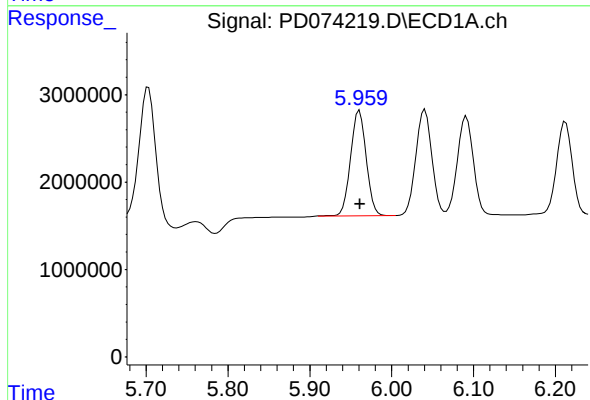
R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 15440712  
Conc: 5.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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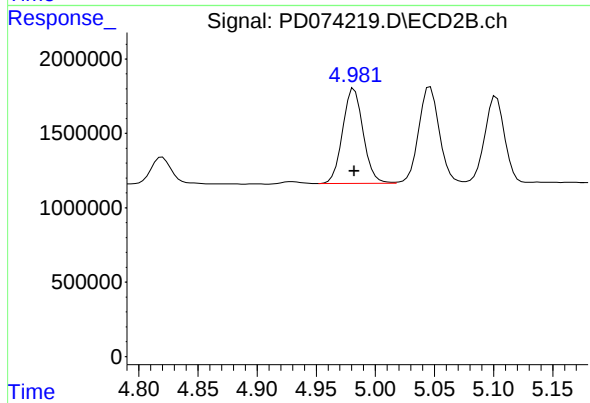
#9 Endosulfan I

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 6663246  
Conc: 4.63 ng/ml



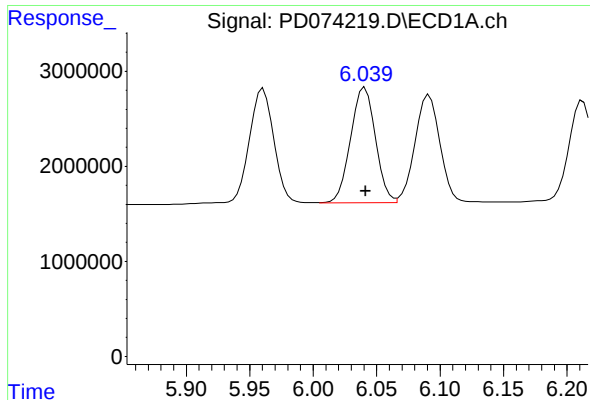
#10 gamma-Chlordane

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 16055838  
Conc: 5.35 ng/ml



#10 gamma-Chlordane

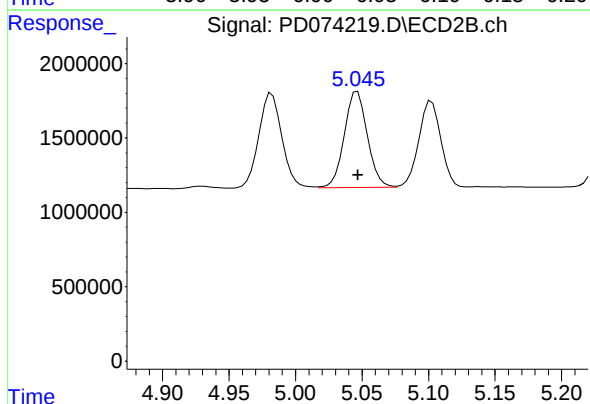
R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 7735934  
Conc: 4.98 ng/ml



#11 alpha-Chlordane

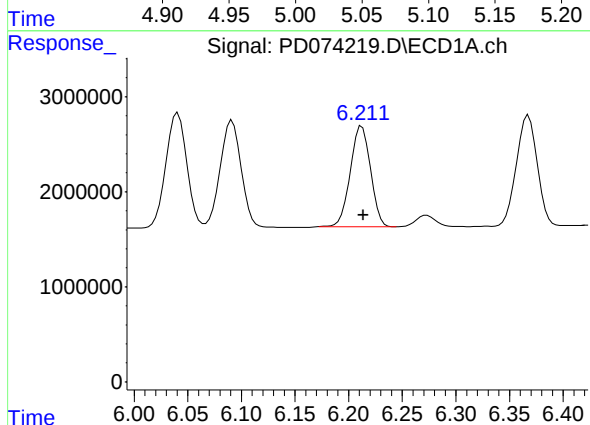
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 16488291  
Conc: 5.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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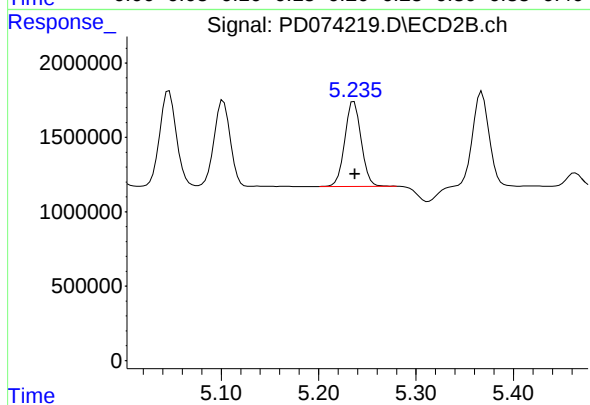
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 7797501  
Conc: 5.06 ng/ml



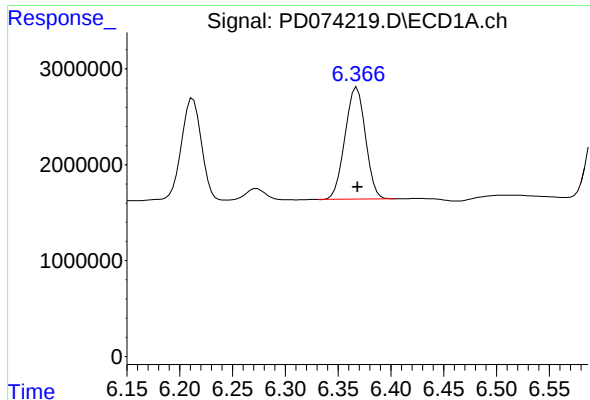
#12 4,4'-DDE

R.T.: 6.212 min  
Delta R.T.: -0.001 min  
Response: 13945962  
Conc: 5.06 ng/ml



#12 4,4'-DDE

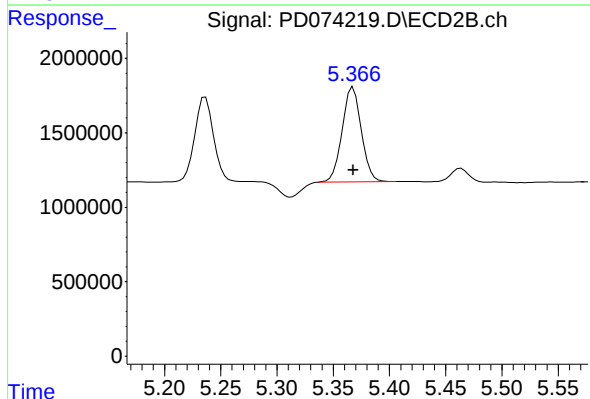
R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 6642589  
Conc: 4.71 ng/ml



#13 Dieldrin

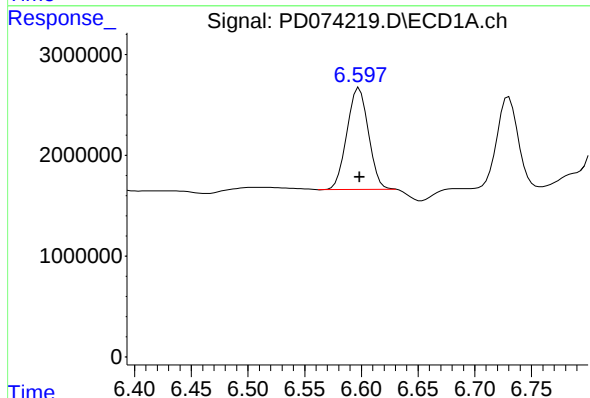
R.T.: 6.368 min  
Delta R.T.: 0.000 min  
Response: 15744030  
Conc: 5.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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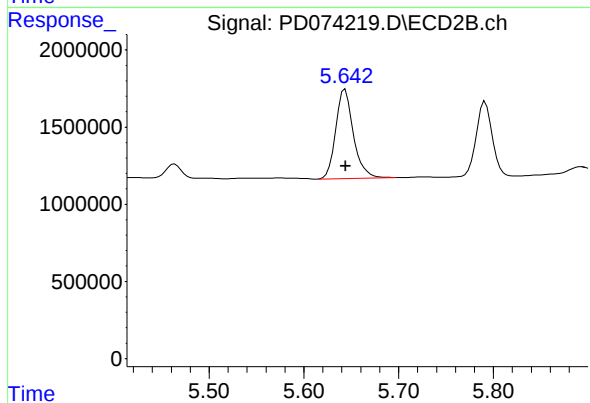
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 7565086  
Conc: 5.03 ng/ml



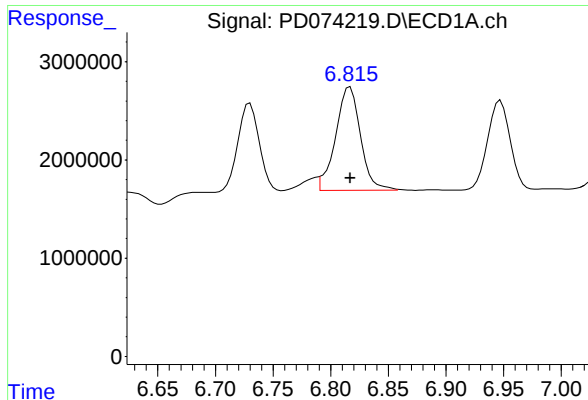
#14 Endrin

R.T.: 6.598 min  
Delta R.T.: 0.000 min  
Response: 13291561  
Conc: 5.35 ng/ml



#14 Endrin

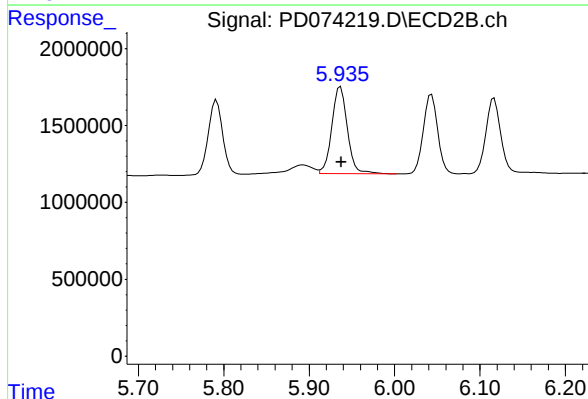
R.T.: 5.644 min  
Delta R.T.: 0.000 min  
Response: 7483197  
Conc: 5.73 ng/ml



#15 Endosulfan II

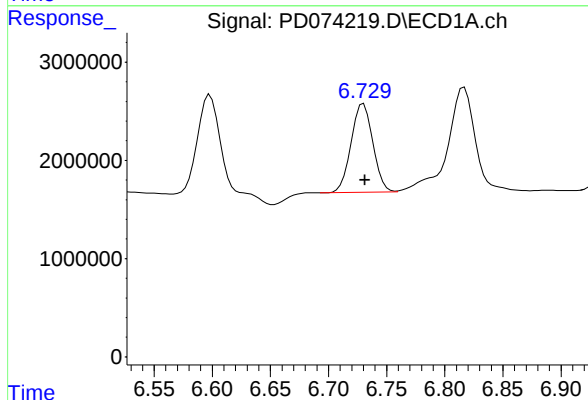
R.T.: 6.815 min  
Delta R.T.: -0.002 min  
Response: 15520279  
Conc: 6.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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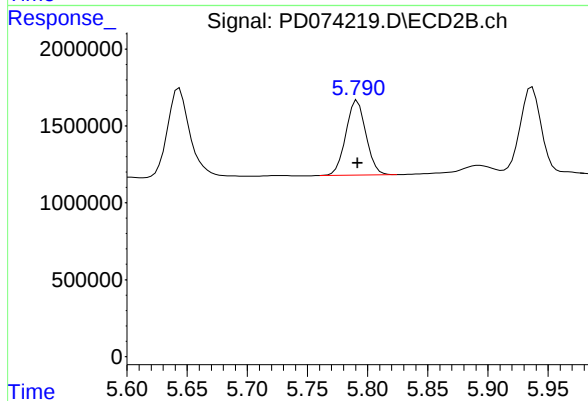
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 7125410  
Conc: 5.66 ng/ml



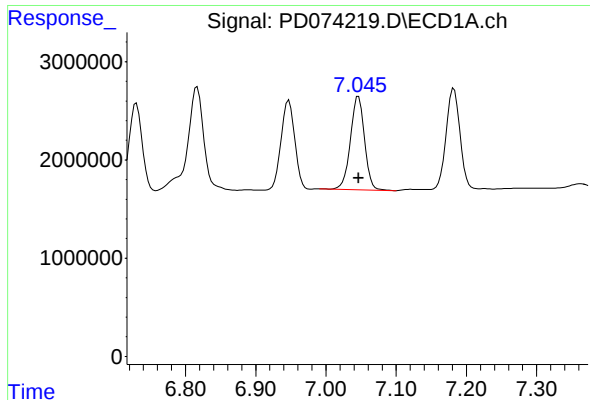
#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: -0.001 min  
Response: 11719583  
Conc: 5.22 ng/ml



#16 4,4'-DDD

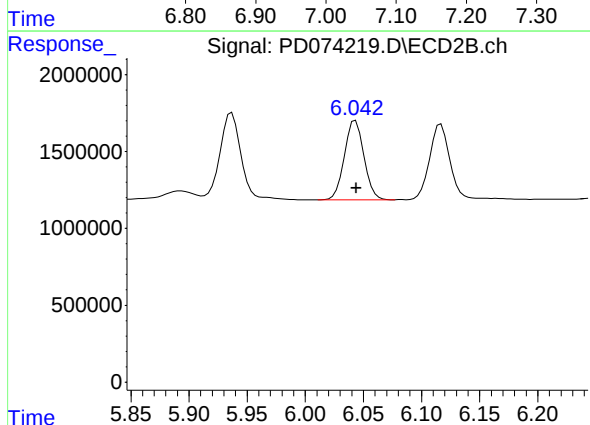
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 5676663  
Conc: 4.86 ng/ml



#17 4,4'-DDT

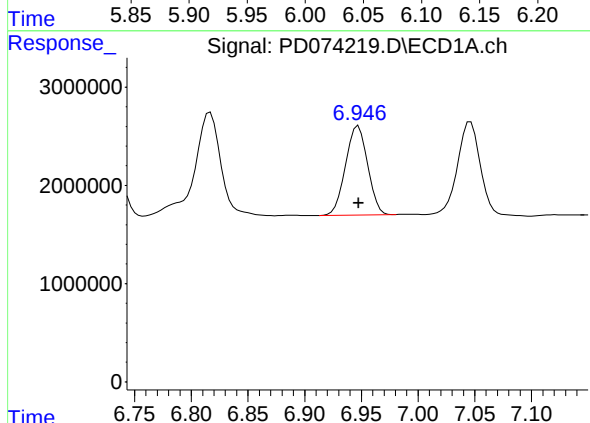
R.T.: 7.046 min  
Delta R.T.: 0.000 min  
Response: 13286211  
Conc: 5.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



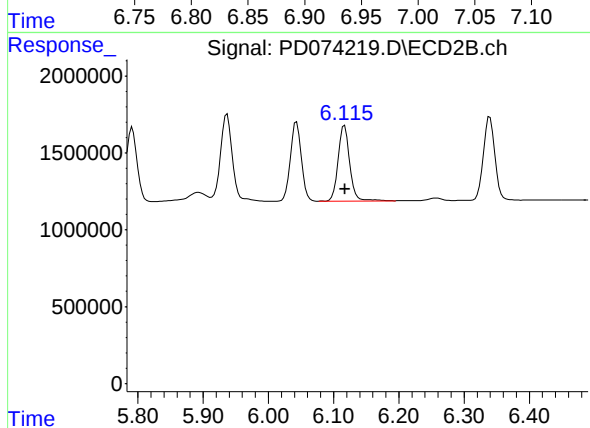
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 6007084  
Conc: 4.89 ng/ml



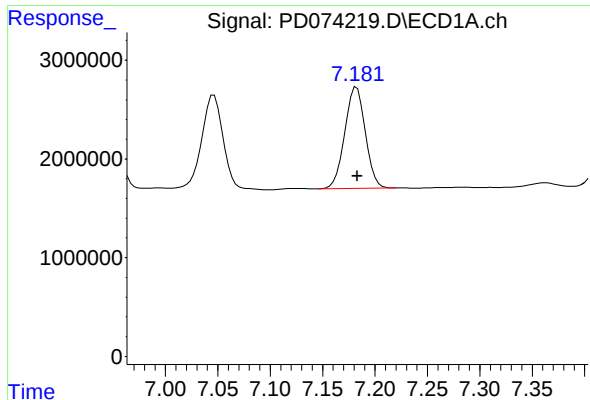
#18 Endrin aldehyde

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 12305940  
Conc: 6.16 ng/ml



#18 Endrin aldehyde

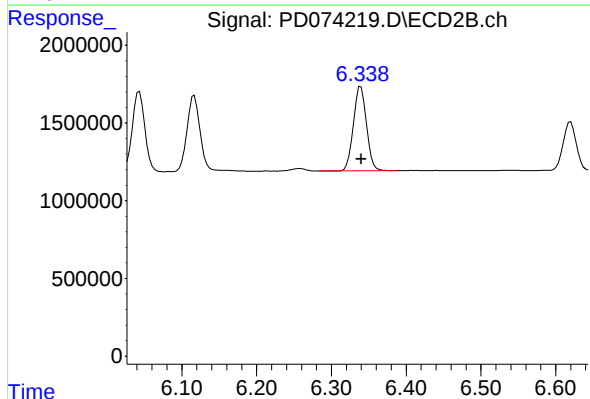
R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 6082147  
Conc: 5.99 ng/ml



#19 Endosulfan Sulfate

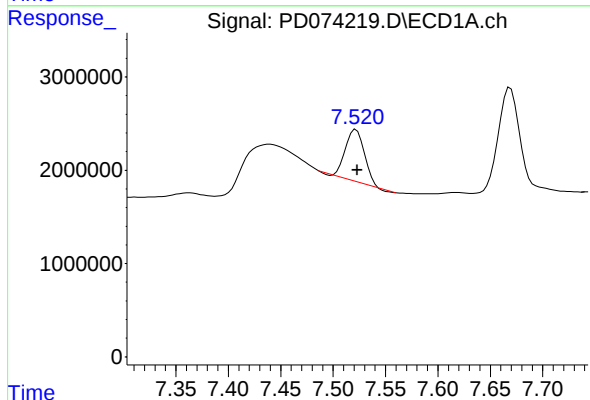
R.T.: 7.182 min  
Delta R.T.: 0.000 min  
Response: 14033988  
Conc: 5.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



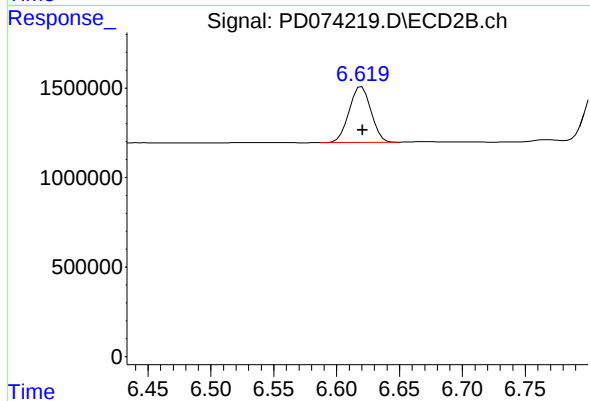
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 6644766  
Conc: 5.44 ng/ml



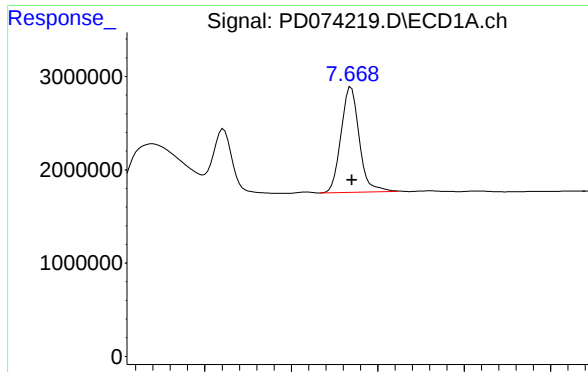
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: -0.001 min  
Response: 6649020  
Conc: 4.75 ng/ml



#20 Methoxychlor

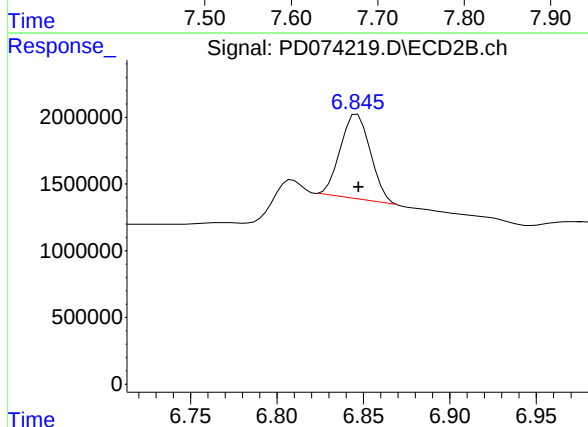
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 3746863  
Conc: 5.54 ng/ml



#21 Endrin ketone

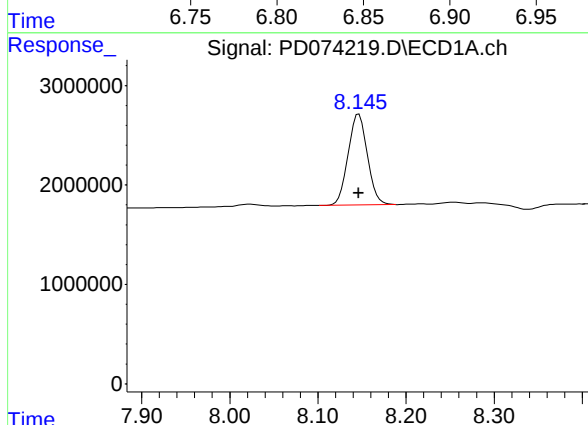
R.T.: 7.669 min  
Delta R.T.: -0.001 min  
Response: 16460798  
Conc: 5.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT1-2023



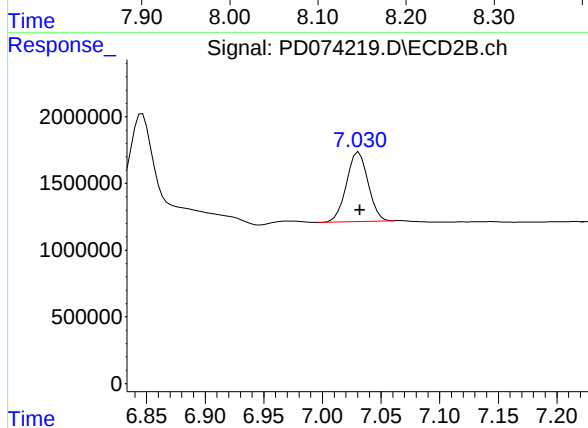
#21 Endrin ketone

R.T.: 6.845 min  
Delta R.T.: -0.002 min  
Response: 7574779  
Conc: 5.14 ng/ml m



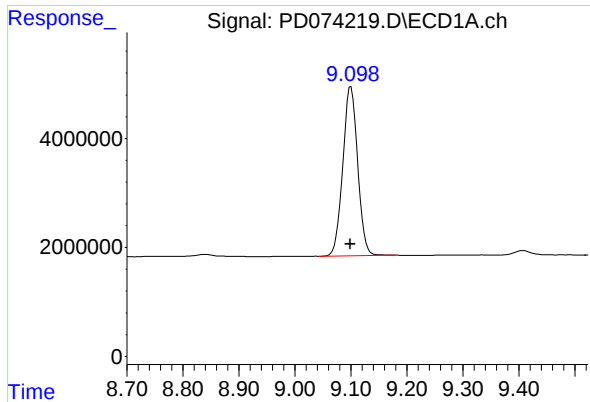
#22 Mirex

R.T.: 8.147 min  
Delta R.T.: 0.000 min  
Response: 13921470  
Conc: 6.56 ng/ml



#22 Mirex

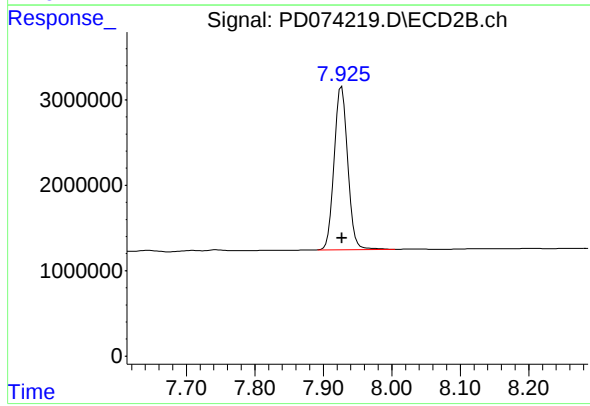
R.T.: 7.031 min  
Delta R.T.: -0.001 min  
Response: 6638984  
Conc: 5.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.000 min  
Response: 57196699  
Conc: 21.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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#28 Decachlorobiphenyl

R.T.: 7.927 min  
Delta R.T.: 0.000 min  
Response: 26293755  
Conc: 21.43 ng/ml