

Data Path : P:\HPCHEM1\ECD\_D\Data\PD041118\  
 Data File : PD047028.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Apr 2018 23:33  
 Operator : UA/AJ  
 Sample :  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 EO-01-041118-C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 01:46:17 2018  
 Quant Method : P:\HPCHEM1\ECD\_D\Method\PD040718.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 07 04:44:10 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.430 | 4.042 | 73568051 | 1139.2E6 | 58.296   | 53.315     |
| 28)                         | SA Decachlor... | 8.153 | 9.120 | 69740816 | 834.0E6  | 51.840   | 46.352     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.867 | 4.428 | 122.7E6  | 1783.2E6 | 59.697   | 53.549     |
| 3)                          | MA gamma-BHC... | 4.147 | 4.712 | 109.6E6  | 1575.6E6 | 59.035   | 53.715     |
| 4)                          | MA Heptachlor   | 4.440 | 5.232 | 103.7E6  | 1518.0E6 | 57.399   | 51.691     |
| 5)                          | MB Aldrin       | 4.685 | 5.538 | 102.5E6  | 1456.7E6 | 57.513   | 52.333     |
| 6)                          | B beta-BHC      | 4.395 | 4.871 | 44894908 | 686.4E6  | 56.095   | 51.236     |
| 7)                          | B delta-BHC     | 4.597 | 5.091 | 108.8E6  | 1571.1E6 | 56.671   | 51.352     |
| 8)                          | B Heptachlo...  | 5.126 | 5.920 | 94139155 | 1399.6E6 | 56.748   | 54.480     |
| 9)                          | A Endosulfan I  | 5.462 | 6.276 | 85789507 | 1147.5E6 | 56.359   | 50.236     |
| 10)                         | B gamma-Chl...  | 5.349 | 6.154 | 94670516 | 1316.1E6 | 56.898   | 50.964     |
| 11)                         | B alpha-Chl...  | 5.408 | 6.228 | 91369796 | 1253.0E6 | 56.414   | 50.475     |
| 12)                         | B 4,4'-DDE      | 5.574 | 6.380 | 95704921 | 1209.3E6 | 57.348   | 49.163     |
| 13)                         | MA Dieldrin     | 5.703 | 6.532 | 98041109 | 1228.4E6 | 56.393   | 49.655     |
| 14)                         | MA Endrin       | 5.960 | 6.748 | 84988424 | 957.4E6  | 56.338   | 50.151     |
| 15)                         | B Endosulfa...  | 6.232 | 6.950 | 83061531 | 1013.2E6 | 54.249   | 47.799     |
| 16)                         | A 4,4'-DDD      | 6.087 | 6.863 | 84328355 | 1087.4E6 | 60.978   | 54.459     |
| 17)                         | MA 4,4'-DDT     | 6.326 | 7.164 | 63932839 | 747.3E6  | 46.848   | 40.483     |
| 18)                         | B Endrin al...  | 6.401 | 7.072 | 66615425 | 835.5E6  | 54.222   | 47.047     |
| 19)                         | B Endosulfa...  | 6.612 | 7.295 | 72841137 | 932.4E6  | 53.653   | 46.215     |
| 20)                         | A Methoxychlor  | 6.875 | 7.616 | 35738812 | 388.3E6  | 48.557   | 40.141     |
| 21)                         | B Endrin ke...  | 7.103 | 7.764 | 89200289 | 922.3E6  | 52.784   | 47.708     |
| 23)                         | Chlordane-1     | 4.359 | 5.091 | 1083127  | 1571.1E6 | 17.595   | 1354.657 # |
| 24)                         | Chlordane-2     | 0.000 | 5.538 | 0        | 1456.7E6 | N.D.     | 1321.556 # |
| 25)                         | Chlordane-3     | 5.349 | 6.154 | 94670516 | 1316.1E6 | 503.579  | 374.287 #  |
| 26)                         | Chlordane-4     | 5.408 | 6.228 | 91369796 | 1253.0E6 | 551.171  | 311.318 #  |
| 27)                         | Chlordane-5     | 6.232 | 7.072 | 83061531 | 835.5E6  | 1361.718 | 978.548 #  |
| -----                       |                 |       |       |          |          |          |            |

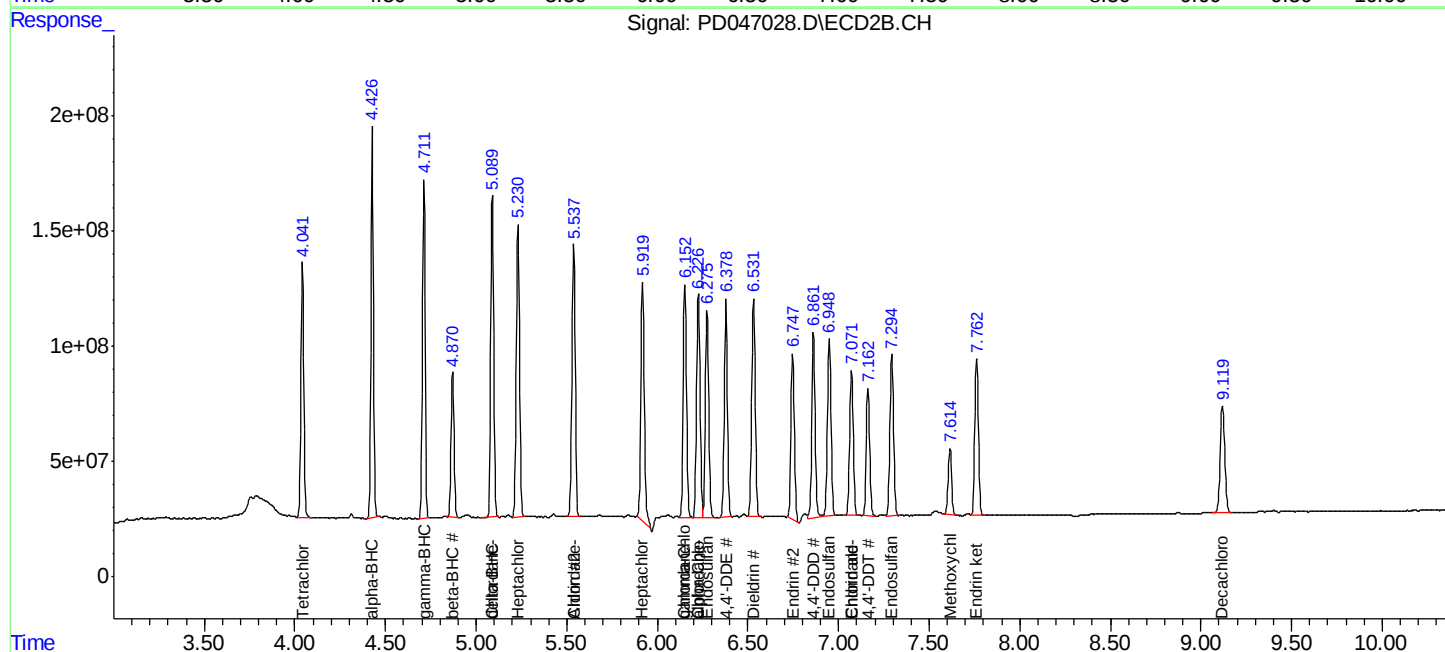
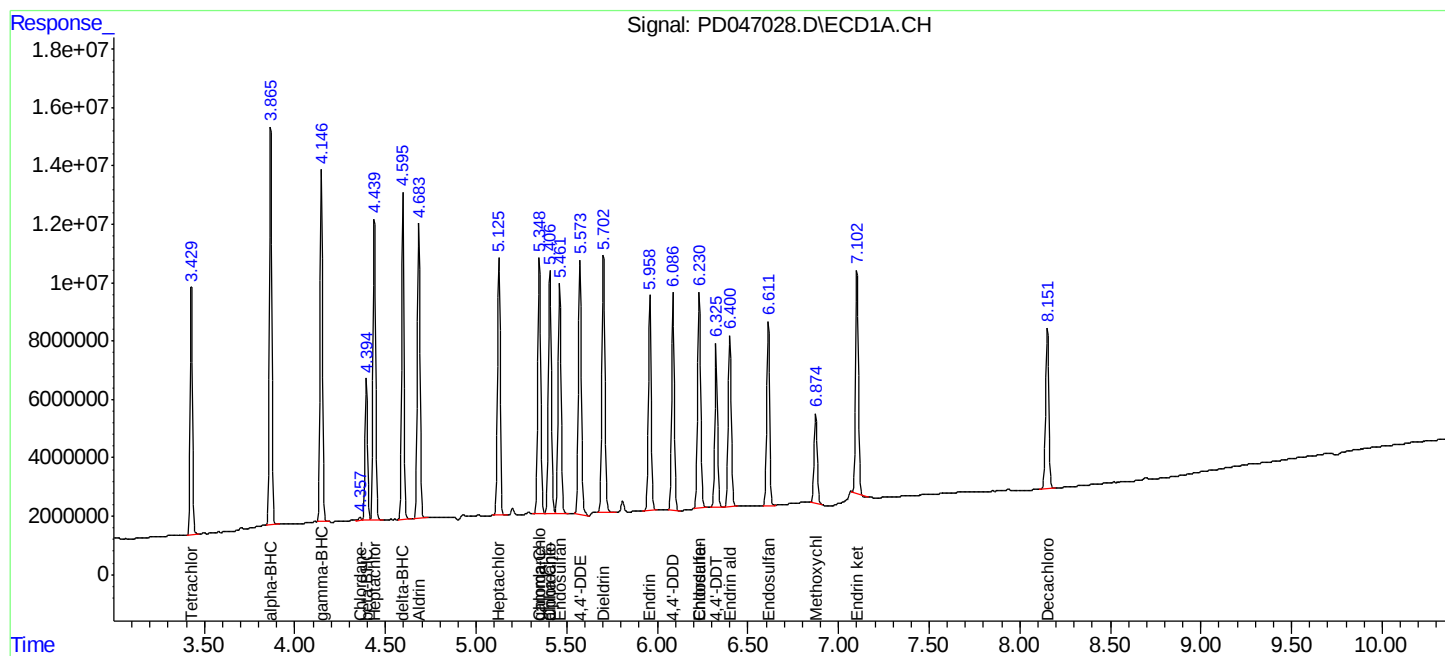
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

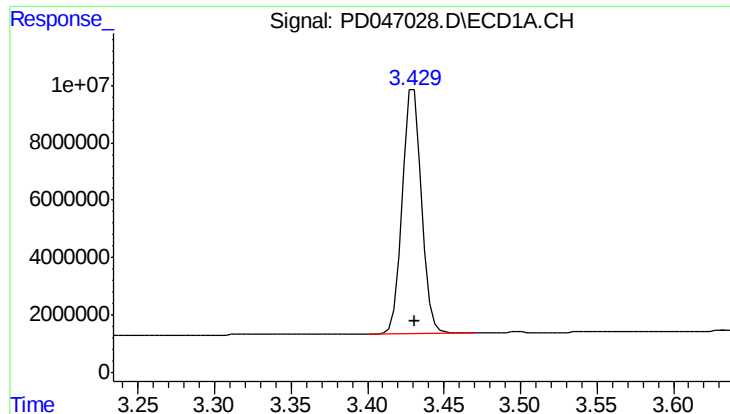
Data Path : P:\HPCHEM1\ECD\_D\Data\PD041118\  
Data File : PD047028.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Apr 2018 23:33  
Operator : UA/AJ  
Sample :  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
EO-01-041118-C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 01:46:17 2018  
Quant Method : P:\HPCHEM1\ECD\_D\Method\PD040718.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 07 04:44:10 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

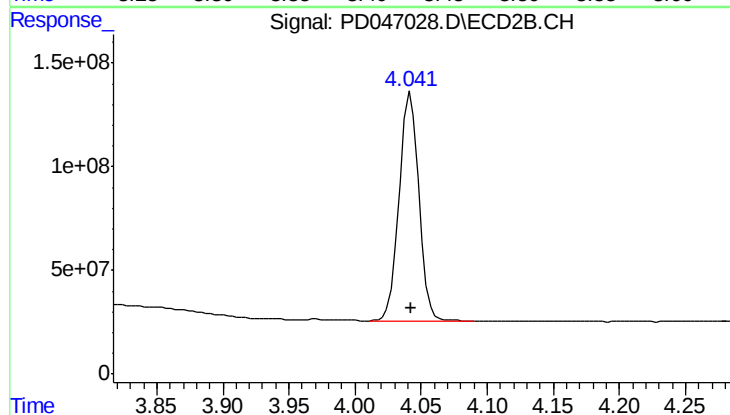




#1 Tetrachloro-m-xylene

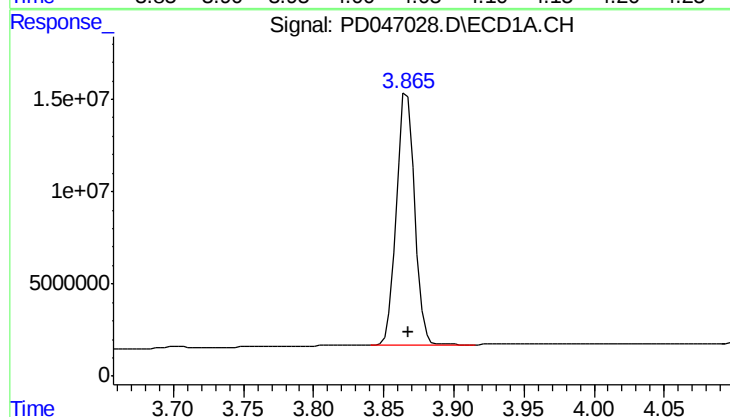
R.T.: 3.430 min  
Delta R.T.: 0.000 min  
Response: 73568051  
Conc: 58.30 ng/ml

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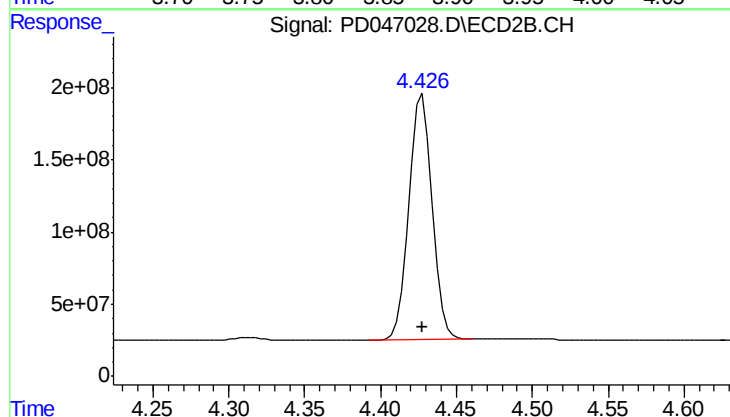
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: 0.000 min  
Response: 1139176741  
Conc: 53.32 ng/ml



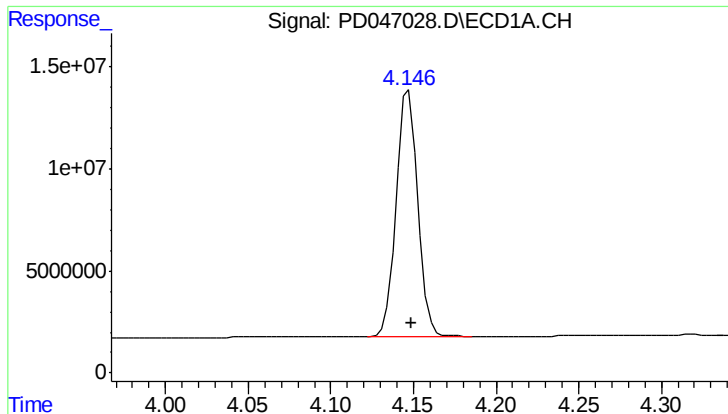
#2 alpha-BHC

R.T.: 3.867 min  
Delta R.T.: -0.001 min  
Response: 122688202  
Conc: 59.70 ng/ml



#2 alpha-BHC

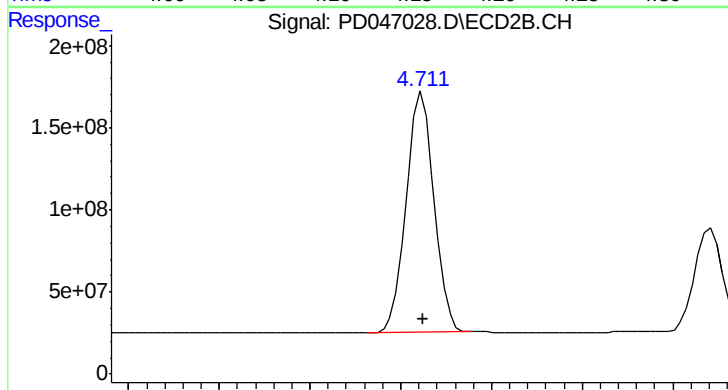
R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 1783191891  
Conc: 53.55 ng/ml



#3 gamma-BHC (Lindane)

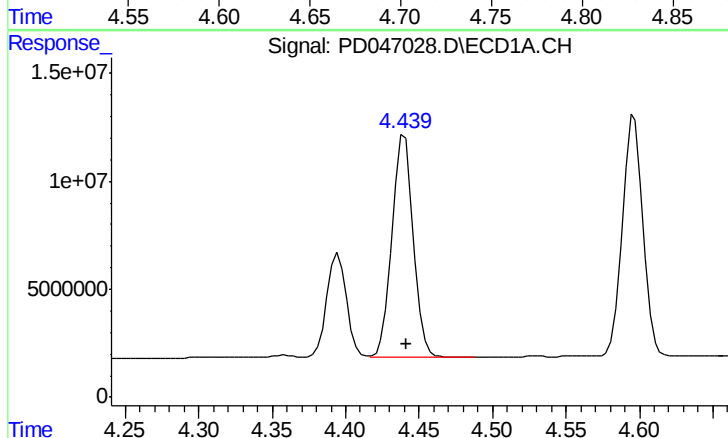
R.T.: 4.147 min  
Delta R.T.: -0.002 min  
Response: 109594219  
Conc: 59.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



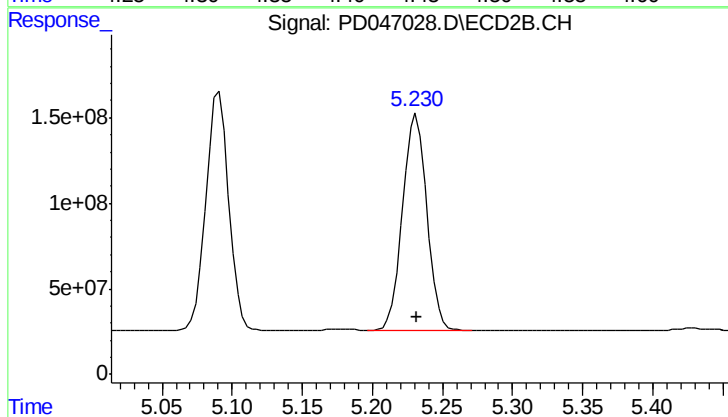
#3 gamma-BHC (Lindane)

R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 1575639985  
Conc: 53.71 ng/ml



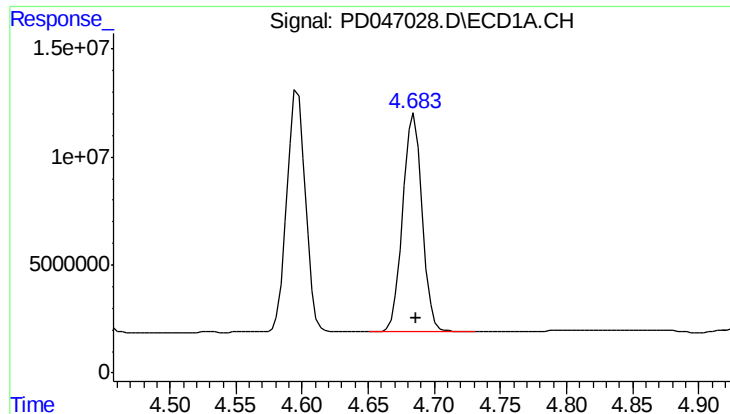
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: -0.002 min  
Response: 103655353  
Conc: 57.40 ng/ml



#4 Heptachlor

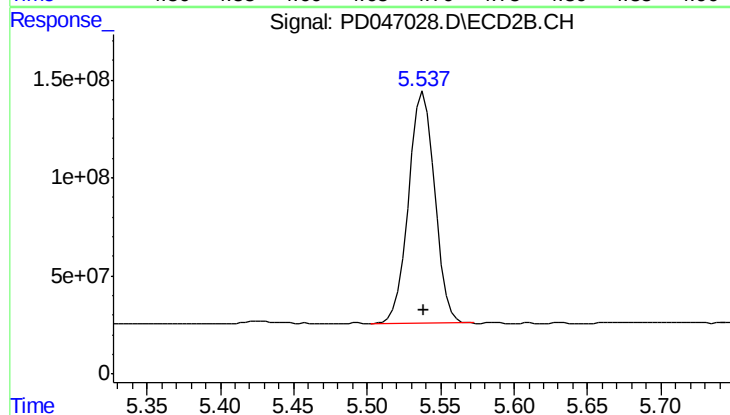
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 1517954781  
Conc: 51.69 ng/ml



#5 Aldrin

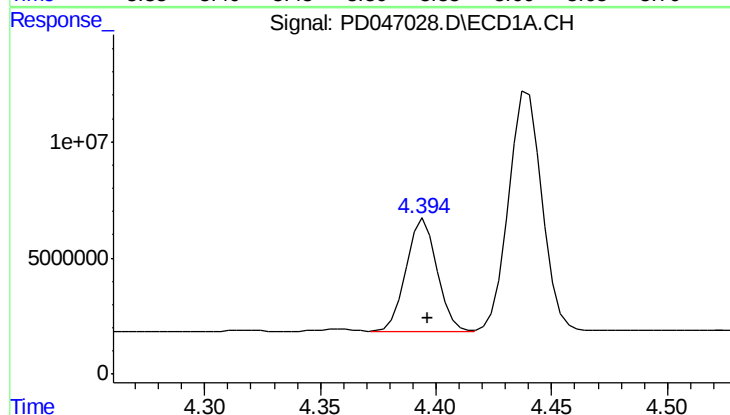
R.T.: 4.685 min  
Delta R.T.: -0.002 min  
Response: 102480408  
Conc: 57.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



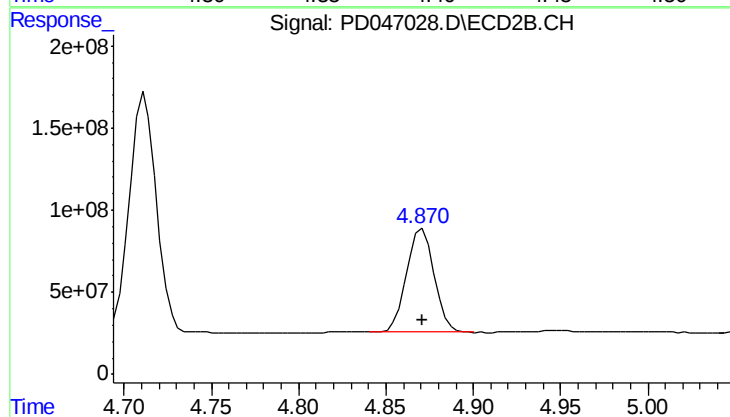
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 1456686677  
Conc: 52.33 ng/ml



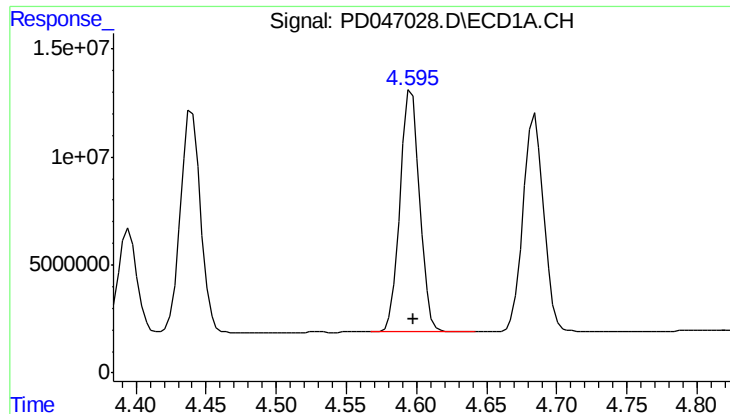
#6 beta-BHC

R.T.: 4.395 min  
Delta R.T.: -0.002 min  
Response: 44894908  
Conc: 56.09 ng/ml



#6 beta-BHC

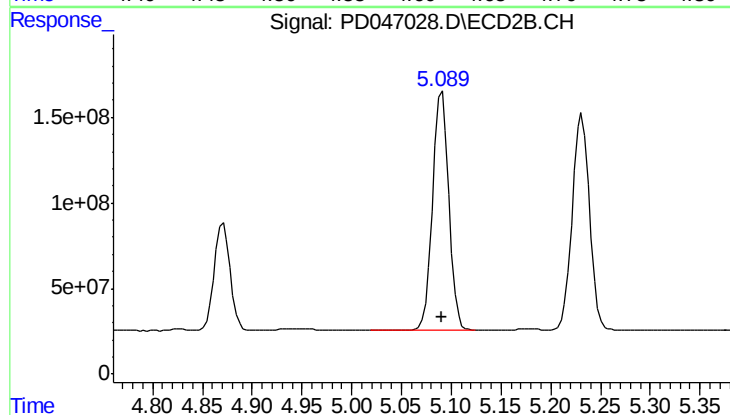
R.T.: 4.871 min  
Delta R.T.: 0.000 min  
Response: 686440013  
Conc: 51.24 ng/ml



#7 delta-BHC

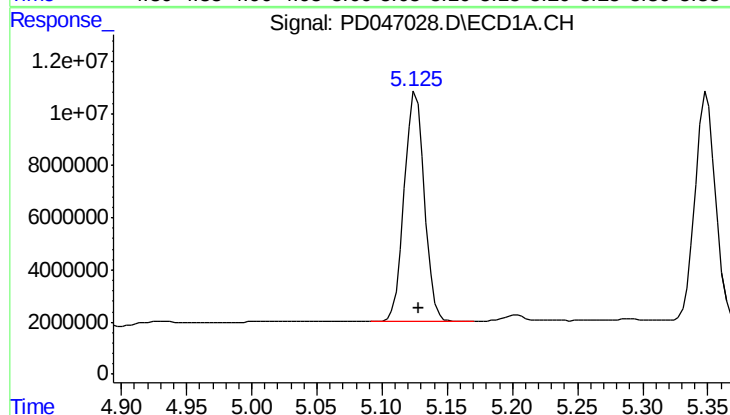
R.T.: 4.597 min  
Delta R.T.: -0.001 min  
Response: 108830753  
Conc: 56.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



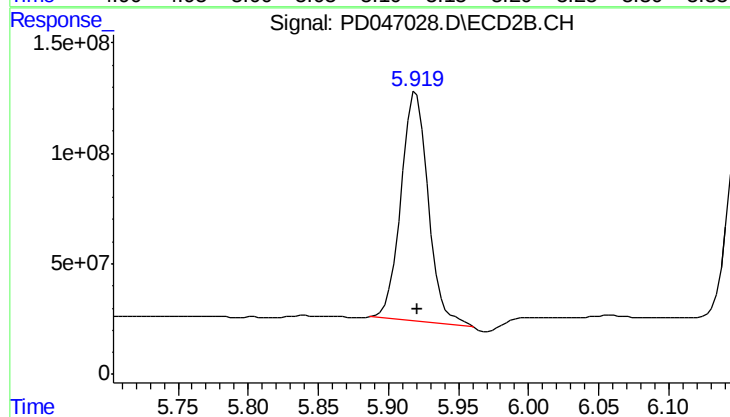
#7 delta-BHC

R.T.: 5.091 min  
Delta R.T.: 0.000 min  
Response: 1571058645  
Conc: 51.35 ng/ml



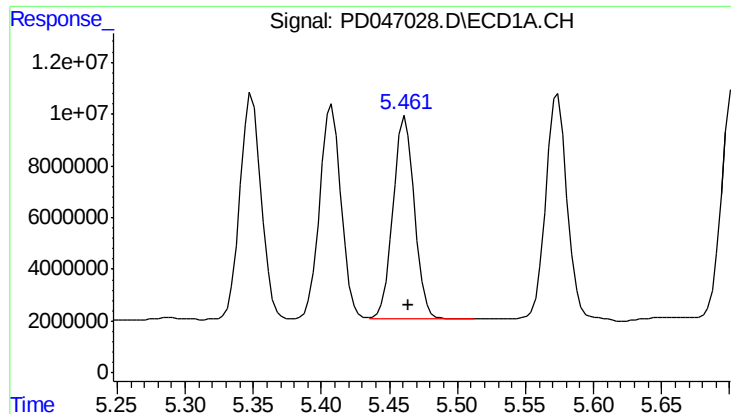
#8 Heptachlor epoxide

R.T.: 5.126 min  
Delta R.T.: -0.002 min  
Response: 94139155  
Conc: 56.75 ng/ml



#8 Heptachlor epoxide

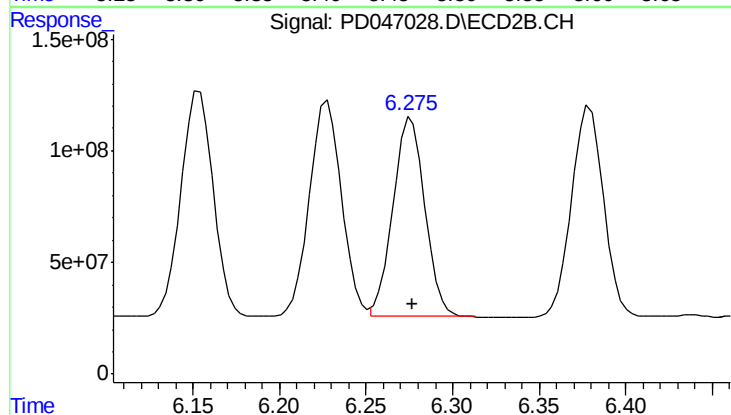
R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 1399558969  
Conc: 54.48 ng/ml



#9 Endosulfan I

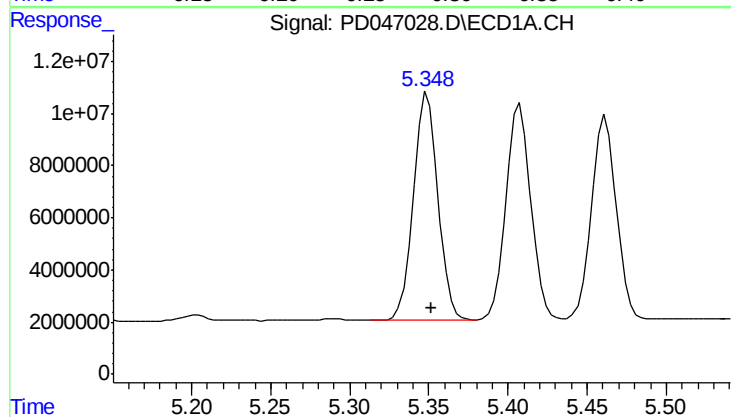
R.T.: 5.462 min  
Delta R.T.: -0.002 min  
Response: 85789507  
Conc: 56.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



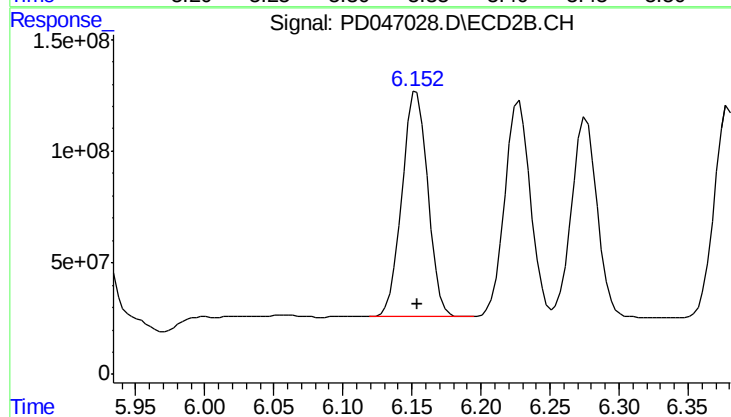
#9 Endosulfan I

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 1147518236  
Conc: 50.24 ng/ml



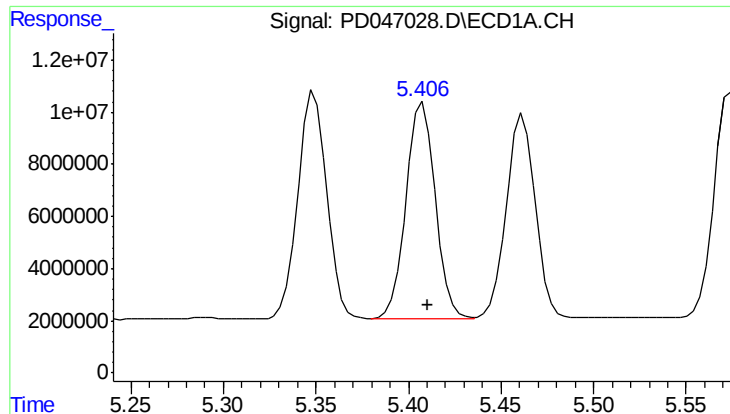
#10 gamma-Chlordane

R.T.: 5.349 min  
Delta R.T.: -0.002 min  
Response: 94670516  
Conc: 56.90 ng/ml



#10 gamma-Chlordane

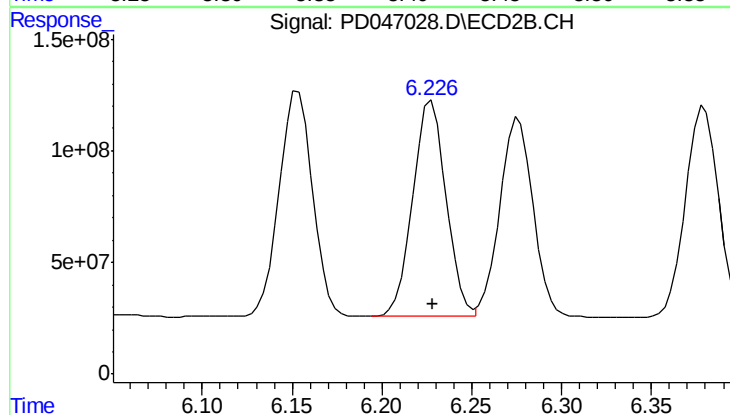
R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 1316097988  
Conc: 50.96 ng/ml



#11 alpha-Chlordane

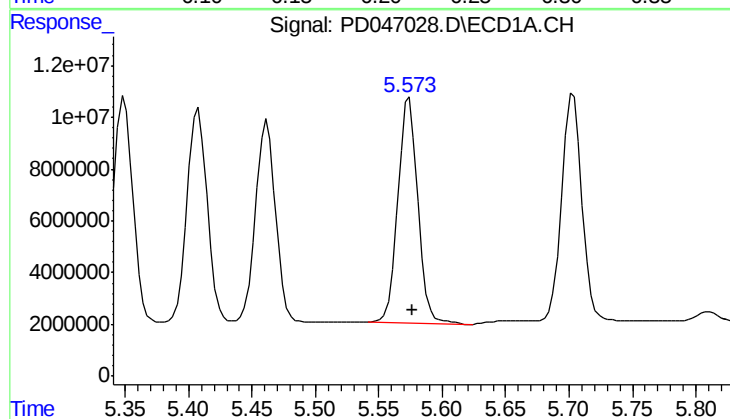
R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 91369796  
Conc: 56.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



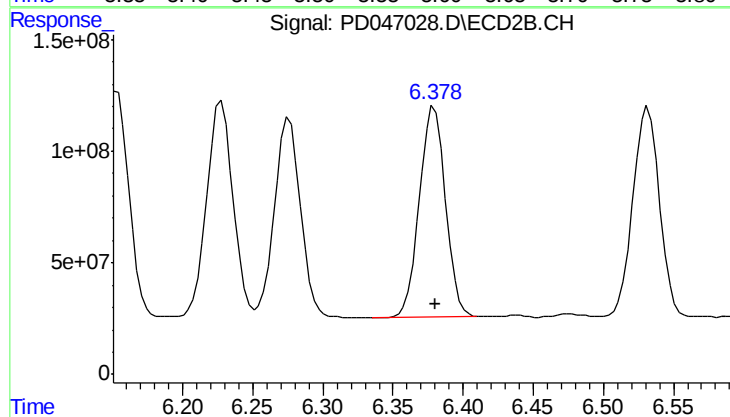
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 1253002954  
Conc: 50.48 ng/ml



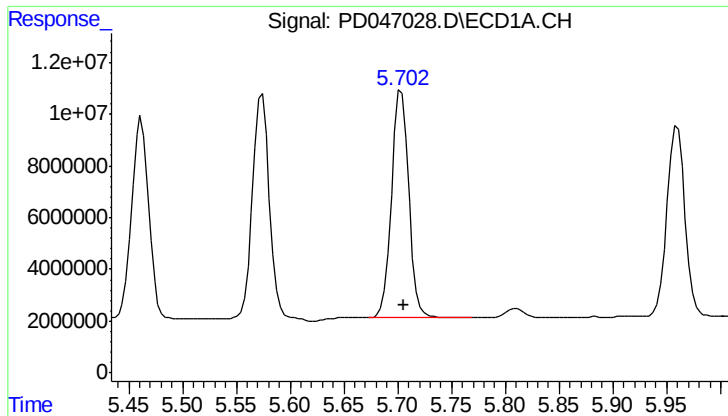
#12 4,4'-DDE

R.T.: 5.574 min  
Delta R.T.: -0.002 min  
Response: 95704921  
Conc: 57.35 ng/ml



#12 4,4'-DDE

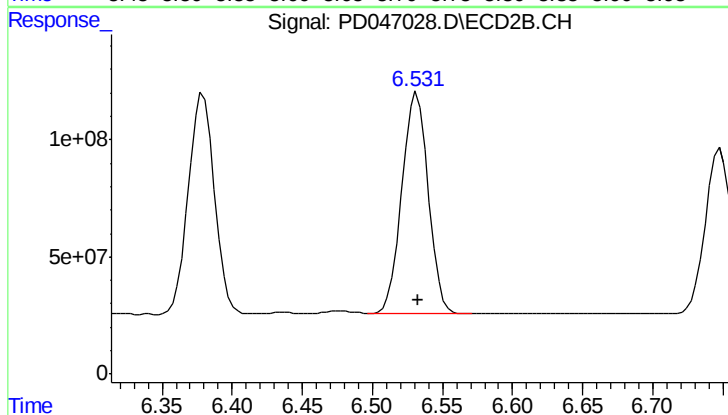
R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 1209312562  
Conc: 49.16 ng/ml



#13 Dieldrin

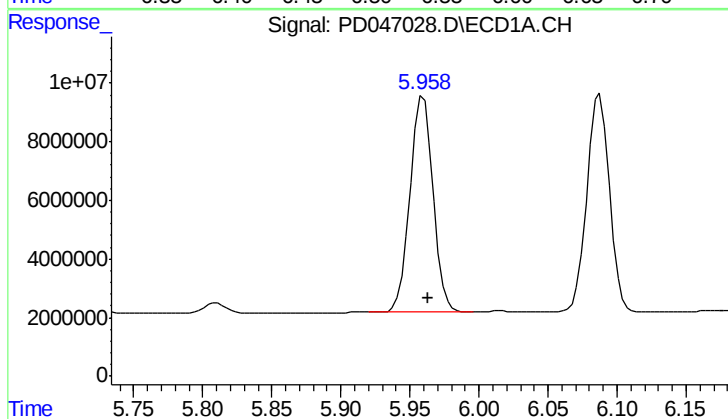
R.T.: 5.703 min  
Delta R.T.: -0.002 min  
Response: 98041109  
Conc: 56.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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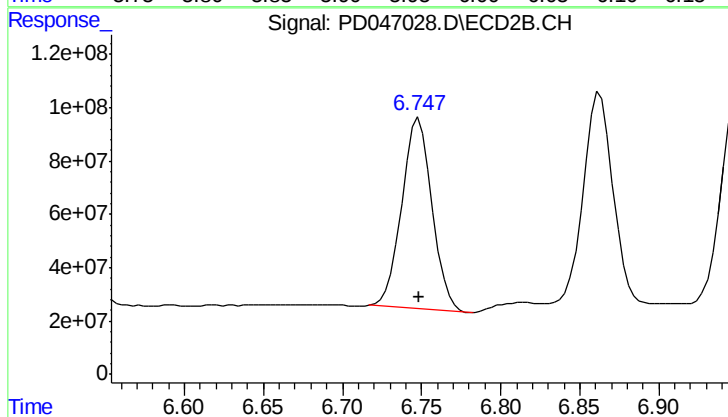
#13 Dieldrin

R.T.: 6.532 min  
Delta R.T.: 0.000 min  
Response: 1228392170  
Conc: 49.65 ng/ml



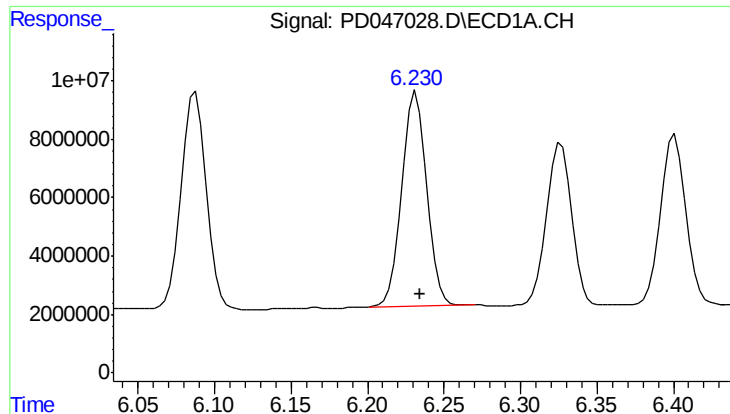
#14 Endrin

R.T.: 5.960 min  
Delta R.T.: -0.003 min  
Response: 84988424  
Conc: 56.34 ng/ml



#14 Endrin

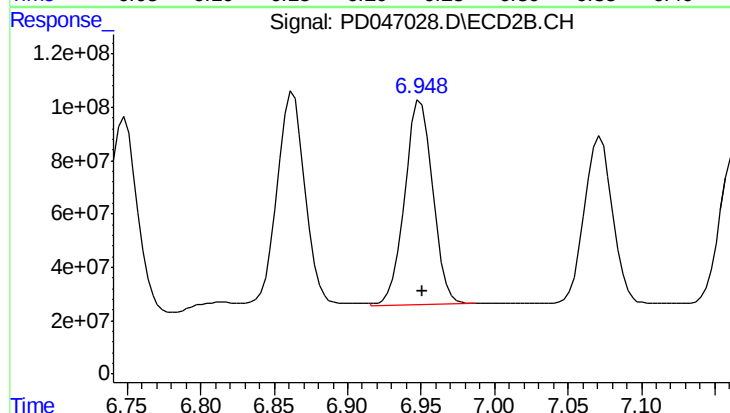
R.T.: 6.748 min  
Delta R.T.: 0.000 min  
Response: 957421407  
Conc: 50.15 ng/ml



#15 Endosulfan II

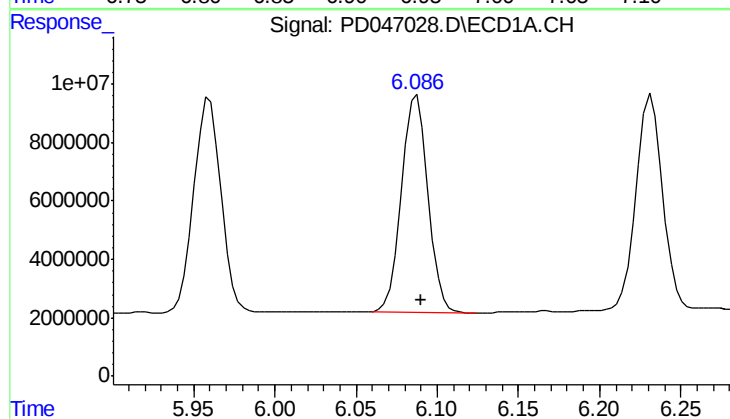
R.T.: 6.232 min  
Delta R.T.: -0.003 min  
Response: 83061531  
Conc: 54.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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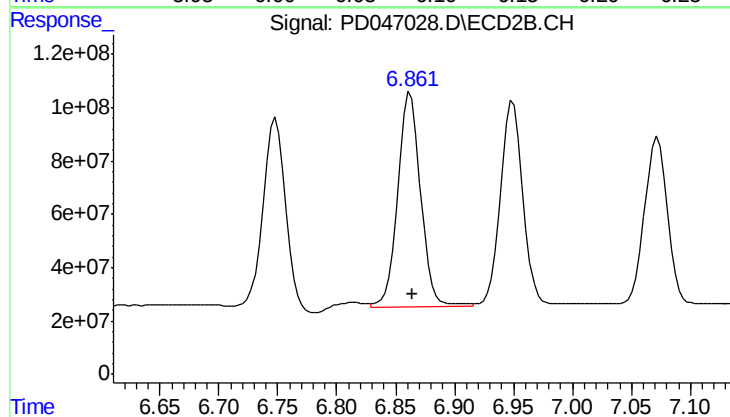
#15 Endosulfan II

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 1013177424  
Conc: 47.80 ng/ml



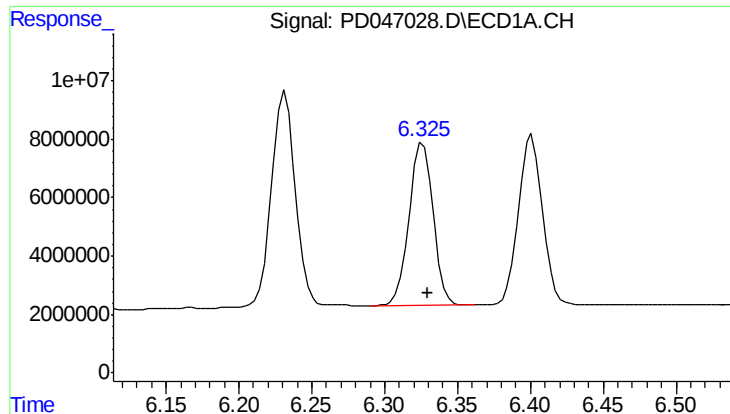
#16 4,4'-DDD

R.T.: 6.087 min  
Delta R.T.: -0.003 min  
Response: 84328355  
Conc: 60.98 ng/ml



#16 4,4'-DDD

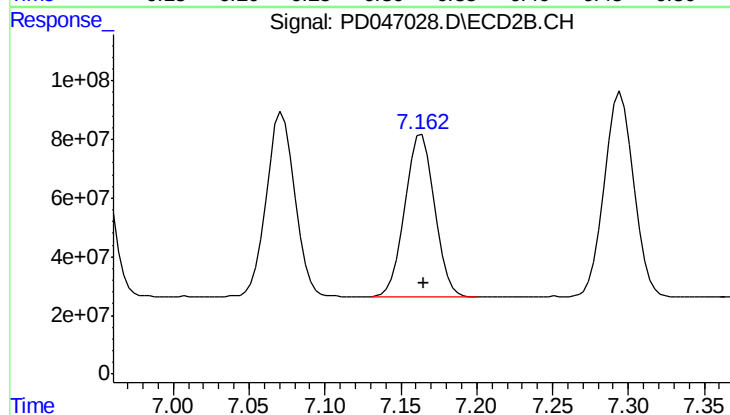
R.T.: 6.863 min  
Delta R.T.: 0.000 min  
Response: 1087404834  
Conc: 54.46 ng/ml



#17 4,4'-DDT

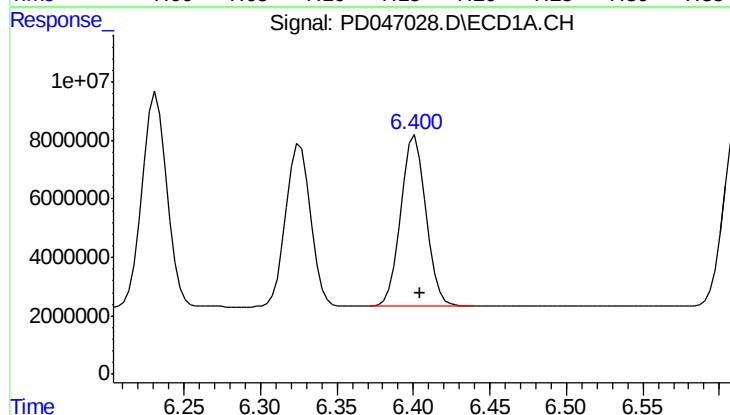
R.T.: 6.326 min  
Delta R.T.: -0.003 min  
Response: 63932839  
Conc: 46.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



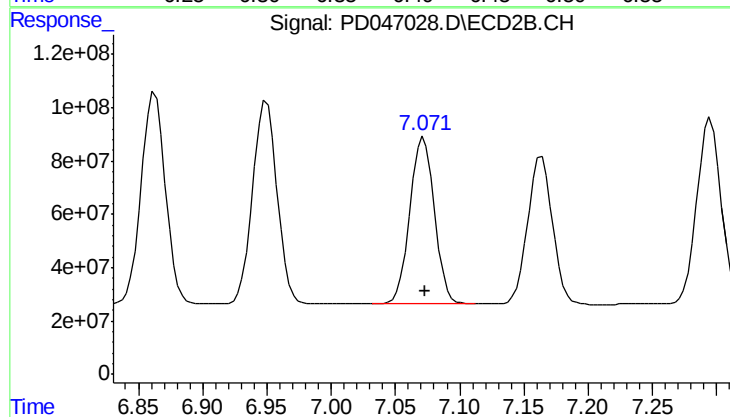
#17 4,4'-DDT

R.T.: 7.164 min  
Delta R.T.: -0.001 min  
Response: 747334387  
Conc: 40.48 ng/ml



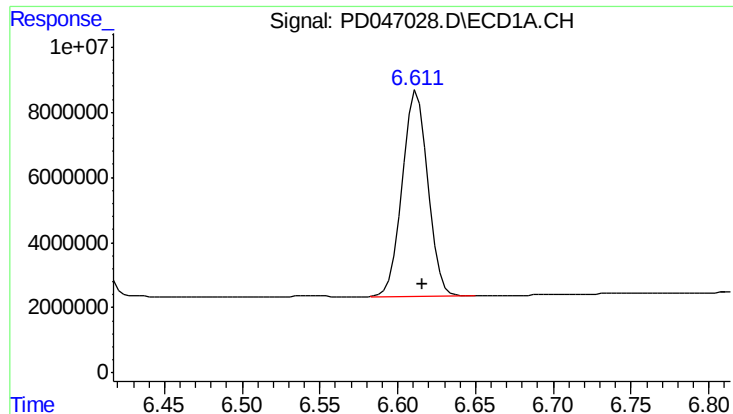
#18 Endrin aldehyde

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 66615425  
Conc: 54.22 ng/ml



#18 Endrin aldehyde

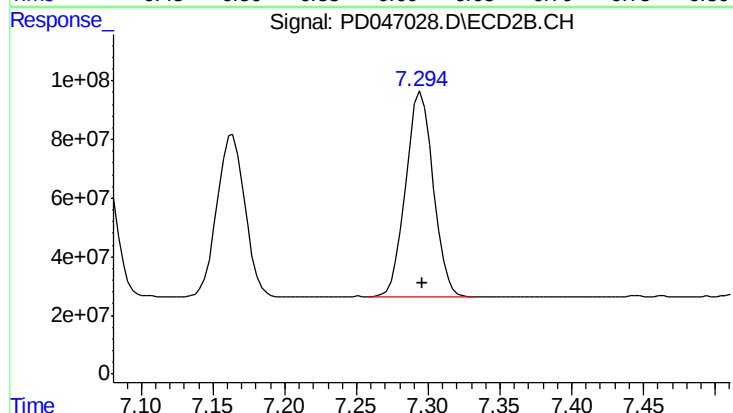
R.T.: 7.072 min  
Delta R.T.: -0.001 min  
Response: 835507730  
Conc: 47.05 ng/ml



#19 Endosulfan Sulfate

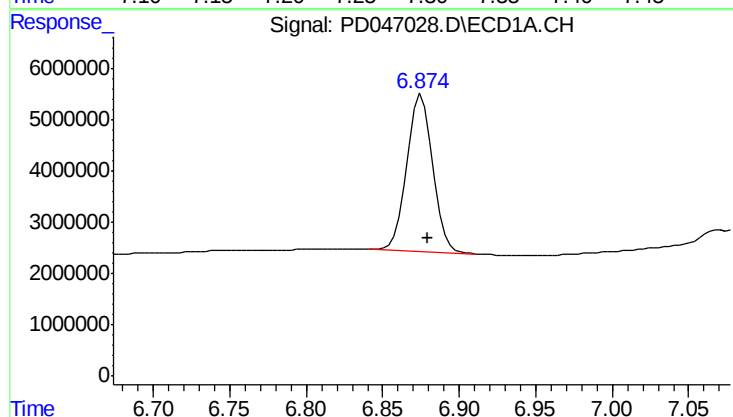
R.T.: 6.612 min  
Delta R.T.: -0.003 min  
Response: 72841137  
Conc: 53.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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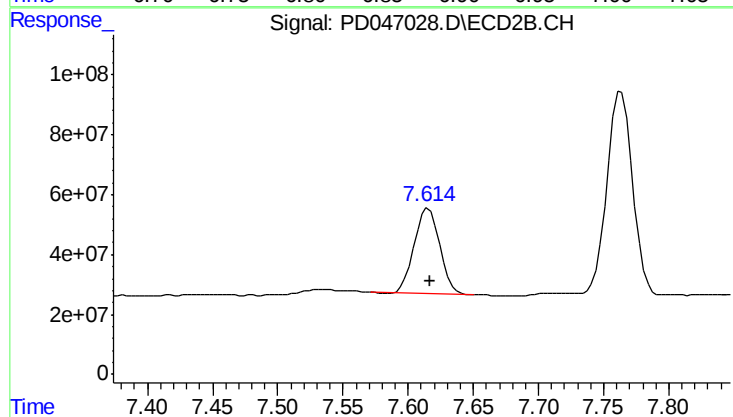
#19 Endosulfan Sulfate

R.T.: 7.295 min  
Delta R.T.: -0.001 min  
Response: 932410860  
Conc: 46.21 ng/ml



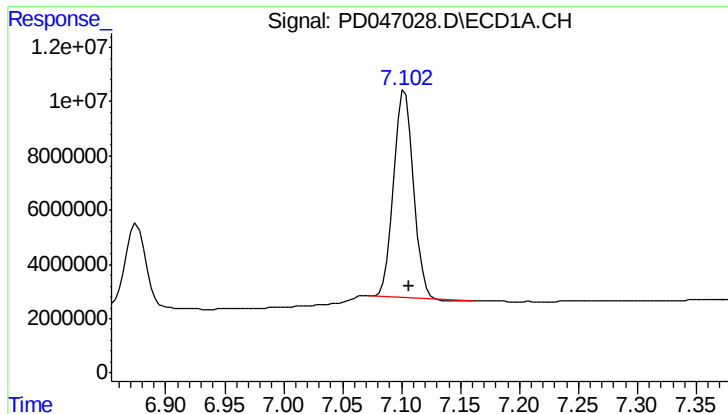
#20 Methoxychlor

R.T.: 6.875 min  
Delta R.T.: -0.004 min  
Response: 35738812  
Conc: 48.56 ng/ml



#20 Methoxychlor

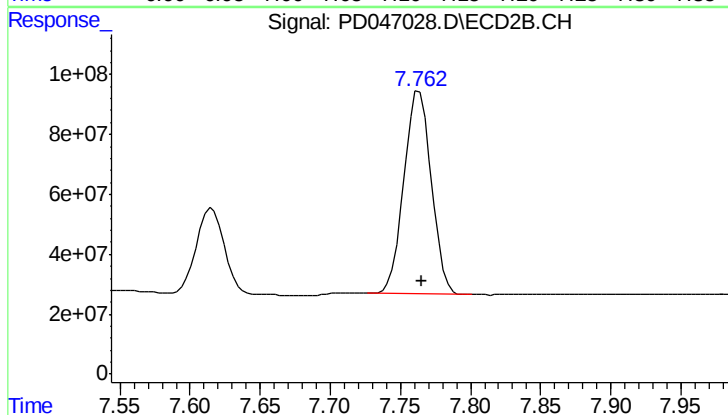
R.T.: 7.616 min  
Delta R.T.: 0.000 min  
Response: 388316182  
Conc: 40.14 ng/ml



#21 Endrin ketone

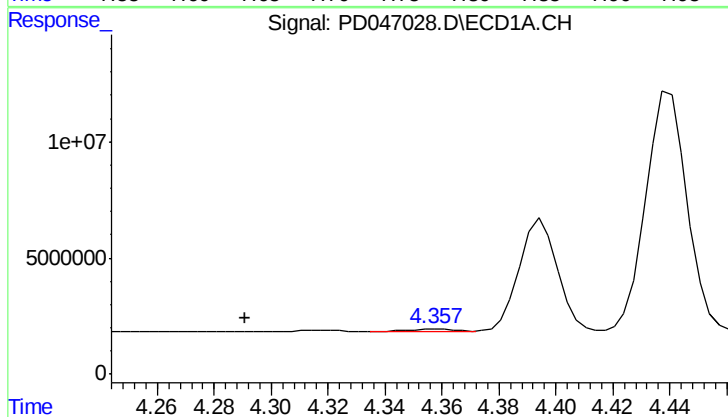
R.T.: 7.103 min  
Delta R.T.: -0.004 min  
Response: 89200289  
Conc: 52.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



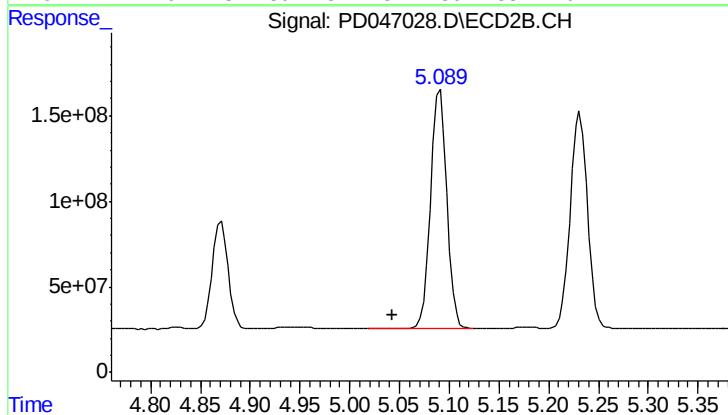
#21 Endrin ketone

R.T.: 7.764 min  
Delta R.T.: -0.002 min  
Response: 922299988  
Conc: 47.71 ng/ml



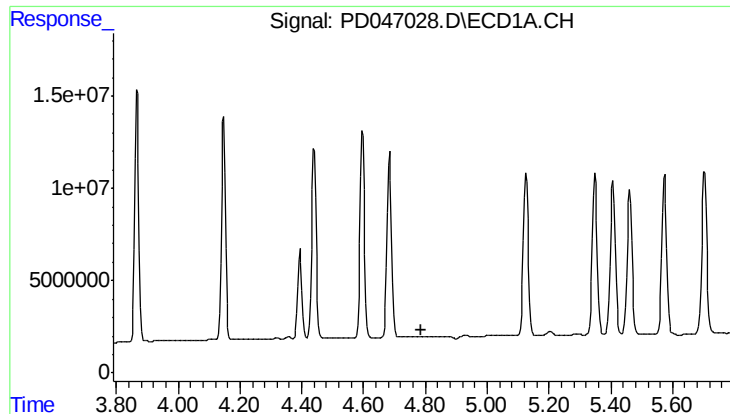
#23 Chlordane-1

R.T.: 4.359 min  
Delta R.T.: 0.008 min  
Response: 1083127  
Conc: 17.59 ng/ml



#23 Chlordane-1

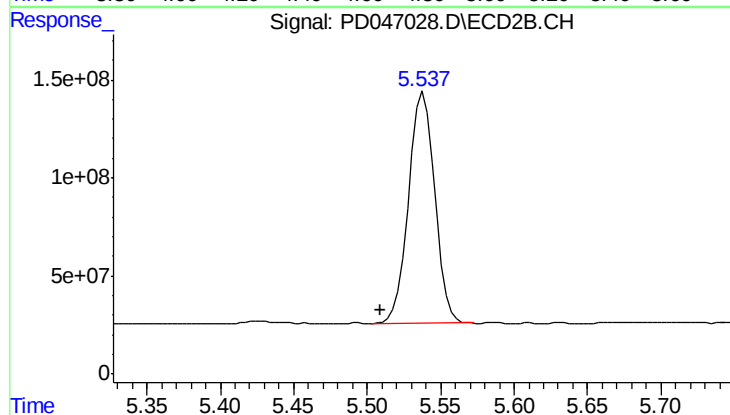
R.T.: 5.091 min  
Delta R.T.: 0.047 min  
Response: 1571058645  
Conc: 1354.66 ng/ml



#24 Chlordane-2

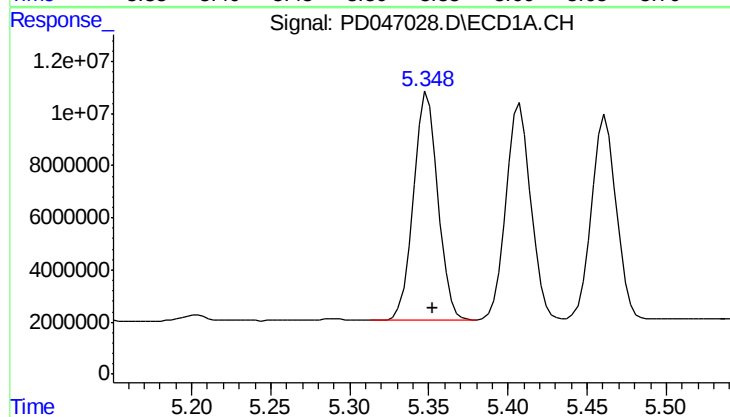
R.T.: 0.000 min  
Exp R.T.: 4.788 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



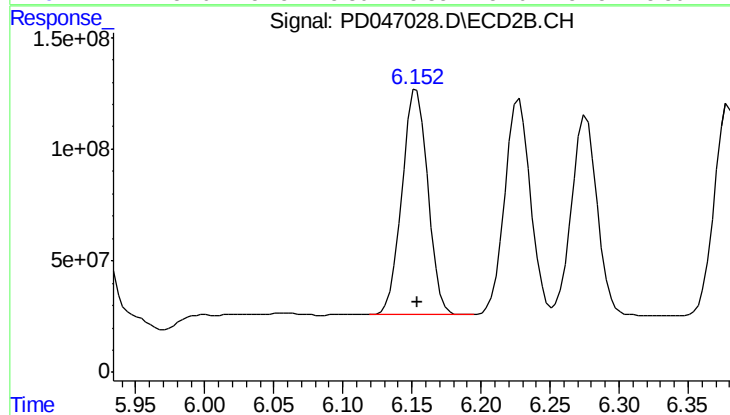
#24 Chlordane-2

R.T.: 5.538 min  
Delta R.T.: 0.030 min  
Response: 1456686677  
Conc: 1321.56 ng/ml



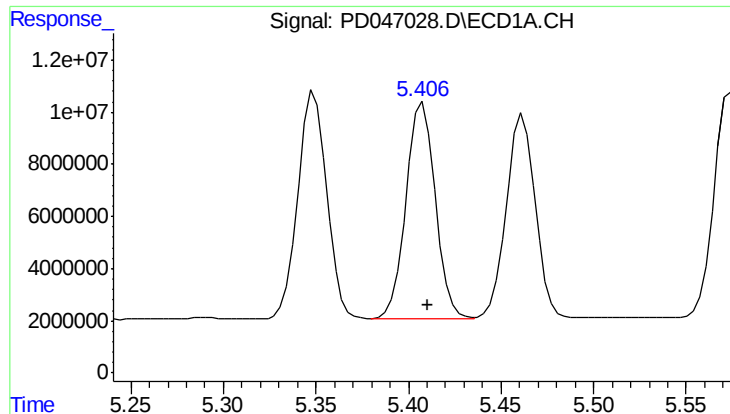
#25 Chlordane-3

R.T.: 5.349 min  
Delta R.T.: -0.003 min  
Response: 94670516  
Conc: 503.58 ng/ml



#25 Chlordane-3

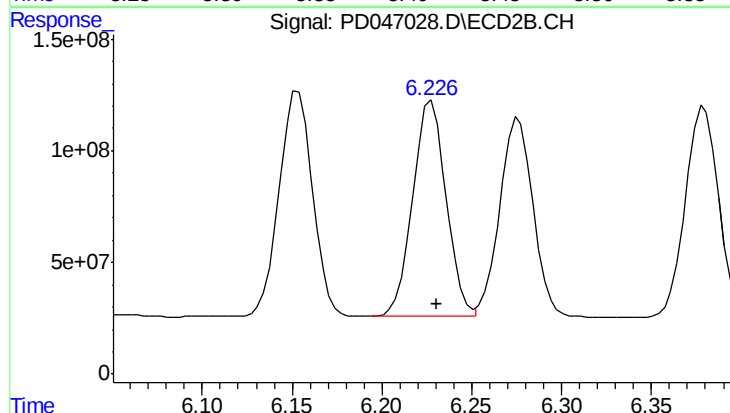
R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 1316097988  
Conc: 374.29 ng/ml



#26 Chlordane-4

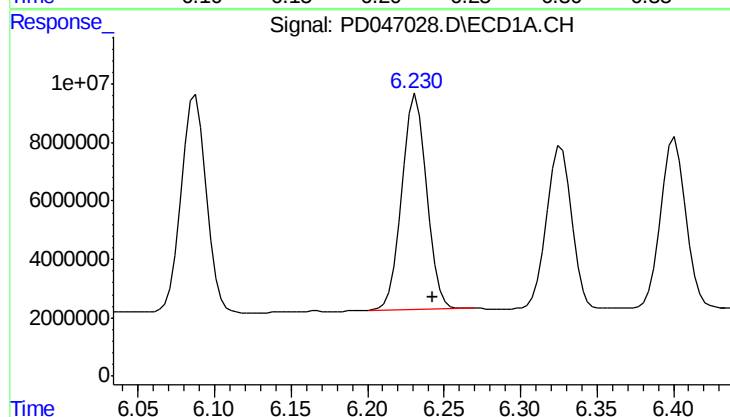
R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 91369796  
Conc: 551.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



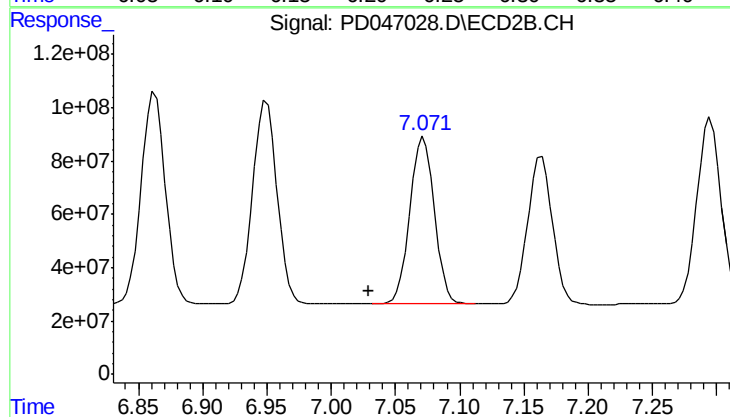
#26 Chlordane-4

R.T.: 6.228 min  
Delta R.T.: -0.003 min  
Response: 1253002954  
Conc: 311.32 ng/ml



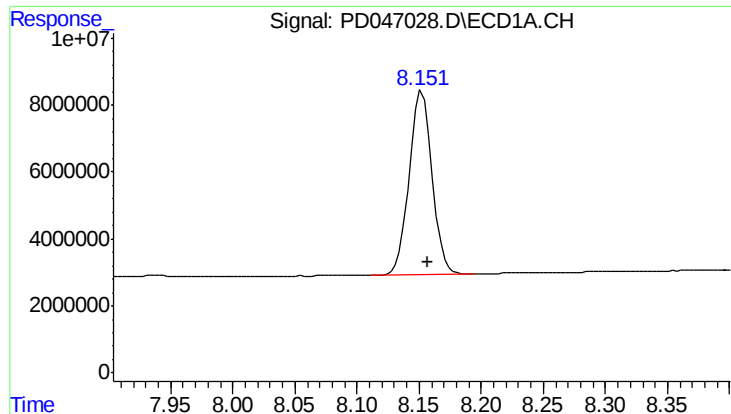
#27 Chlordane-5

R.T.: 6.232 min  
Delta R.T.: -0.011 min  
Response: 83061531  
Conc: 1361.72 ng/ml



#27 Chlordane-5

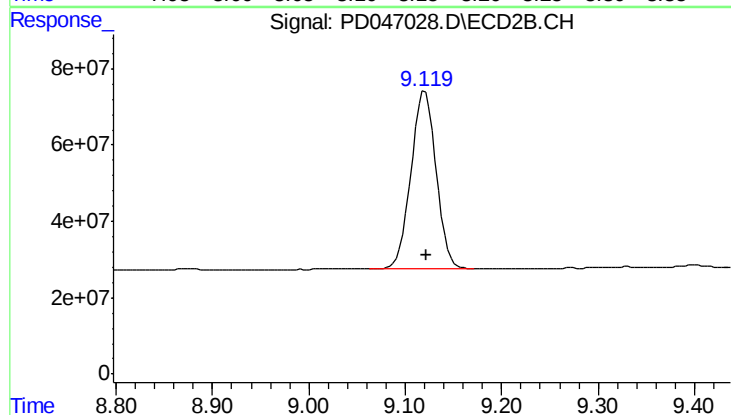
R.T.: 7.072 min  
Delta R.T.: 0.043 min  
Response: 835507730  
Conc: 978.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.153 min  
Delta R.T.: -0.004 min  
Response: 69740816  
Conc: 51.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
EO-01-041118-C



#28 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: -0.002 min  
Response: 833957240  
Conc: 46.35 ng/ml