

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072618\  
 Data File : PD048533.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Jul 2018 00:11  
 Operator : AJ\SJ  
 Sample : PB111430BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB111430BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 05:00:10 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 26 03:07:03 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... | 3.361  | 3.968  | 24763484 | 238.1E6  | 20.062  | 18.551    |
| 28)                         | SA Decachlor... | 8.044  | 8.988  | 25389523 | 347.8E6  | 17.998  | 20.382    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.401f | 0        | 27675939 | N.D.    | 1.313 #   |
| 3)                          | MA gamma-BHC... | 4.069  | 0.000  | 3392329  | 0        | 1.543   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.356  | 5.142  | 15379505 | 165.5E6  | 7.874   | 9.168     |
| 5)                          | MB Aldrin       | 0.000  | 5.418  | 0        | 122.3E6  | N.D.    | 6.699 #   |
| 6)                          | B beta-BHC      | 4.356f | 4.829f | 15379505 | 9337714  | 18.754  | 1.126 #   |
| 7)                          | B delta-BHC     | 4.512  | 4.955f | 1376387  | 124.1E6  | 0.683   | 6.735 #   |
| 8)                          | B Heptachlo...  | 5.082f | 5.808  | 12154467 | 69329520 | 6.931   | 4.327 #   |
| 9)                          | A Endosulfan I  | 5.353  | 6.133f | 1906863  | 496.1E6  | 1.179   | 33.229 #  |
| 10)                         | B gamma-Chl...  | 5.256  | 6.057  | 58822066 | 419.3E6  | 32.973  | 24.795    |
| 11)                         | B alpha-Chl...  | 5.312  | 6.133  | 30804855 | 496.1E6  | 17.827  | 30.364 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.352f | 0        | 19745884 | N.D.    | 1.217 #   |
| 13)                         | MA Dieldrin     | 5.588  | 6.436  | 1824289  | 16610947 | 0.981   | 0.982     |
| 14)                         | MA Endrin       | 5.922f | 6.670  | 5349630  | 9654639  | 3.094   | 0.657 #   |
| 15)                         | B Endosulfa...  | 6.138  | 6.789f | 11188592 | 13424216 | 7.020   | 0.935 #   |
| 16)                         | A 4,4'-DDD      | 5.922f | 6.789  | 5349630  | 13424216 | 3.516   | 1.002 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.927f | 0        | 108.2E6  | N.D.    | 8.388 #   |
| 23)                         | Chlordane-1     | 4.208  | 4.955  | 10034264 | 124.1E6  | 167.925 | 187.001   |
| 24)                         | Chlordane-2     | 4.700  | 5.418  | 11881837 | 122.3E6  | 196.250 | 190.406   |
| 25)                         | Chlordane-3     | 5.256  | 6.057  | 58822066 | 419.3E6  | 311.569 | 192.185 # |
| 26)                         | Chlordane-4     | 5.312  | 6.133  | 30804855 | 496.1E6  | 179.028 | 195.505   |
| 27)                         | Chlordane-5     | 6.138  | 6.927  | 11188592 | 108.2E6  | 181.374 | 193.167   |
| -----                       |                 |        |        |          |          |         |           |

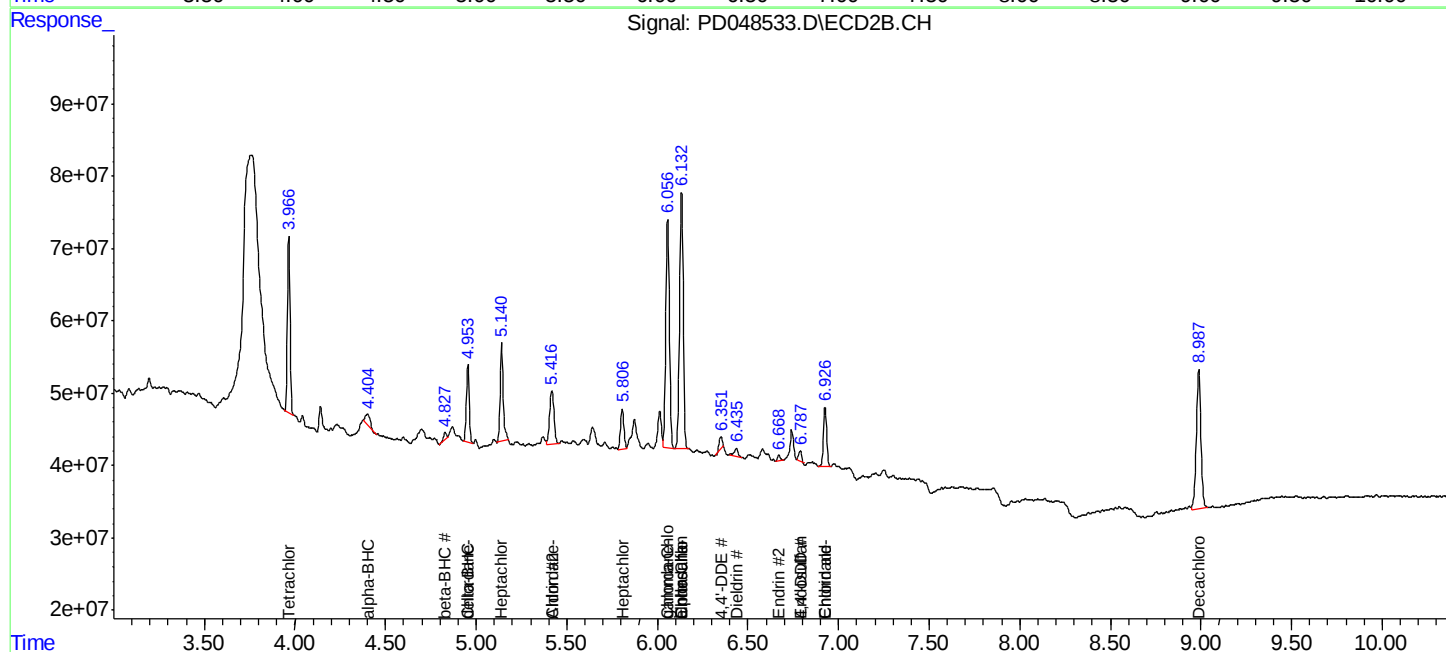
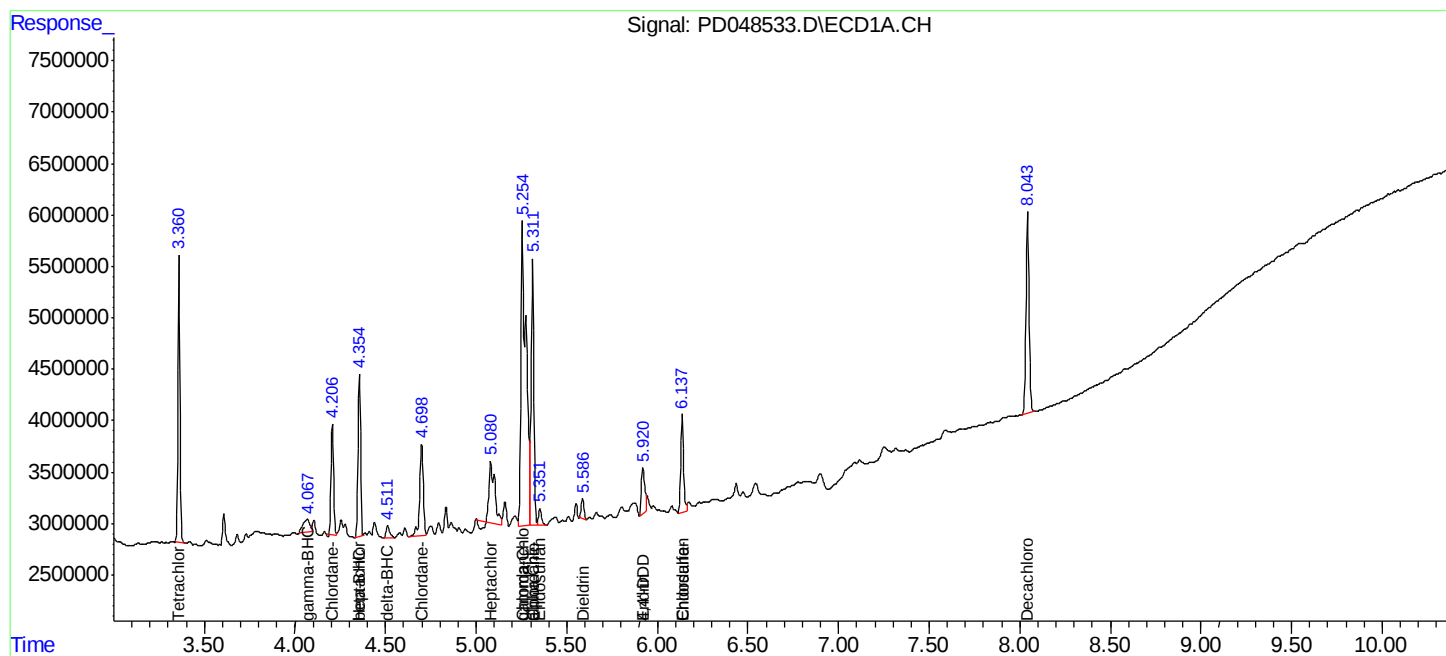
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

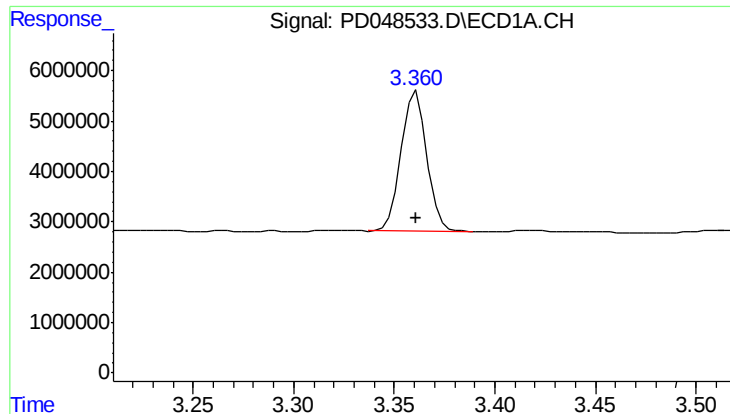
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072618\  
Data File : PD048533.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Jul 2018 00:11  
Operator : AJ\SJ  
Sample : PB111430BS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 05:00:10 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072618.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 26 03:07:03 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

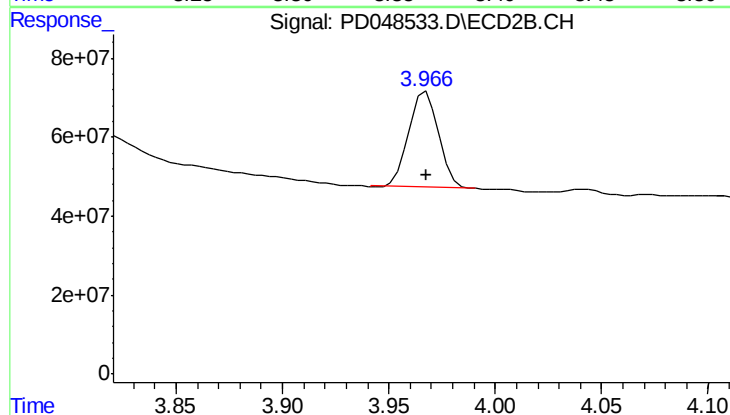




#1 Tetrachloro-m-xylene

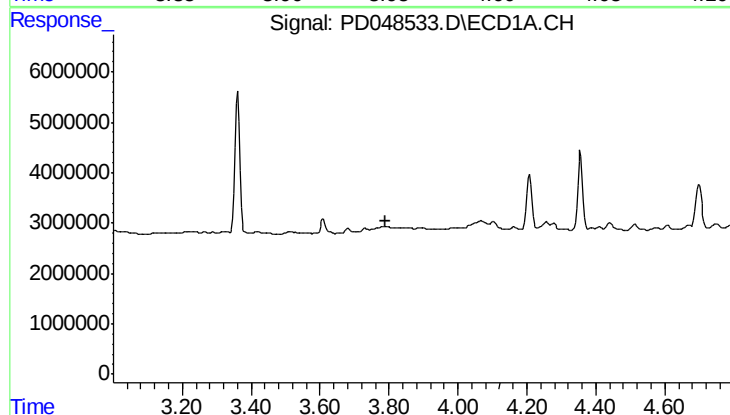
R.T.: 3.361 min  
Delta R.T.: 0.000 min  
Response: 24763484  
Conc: 20.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



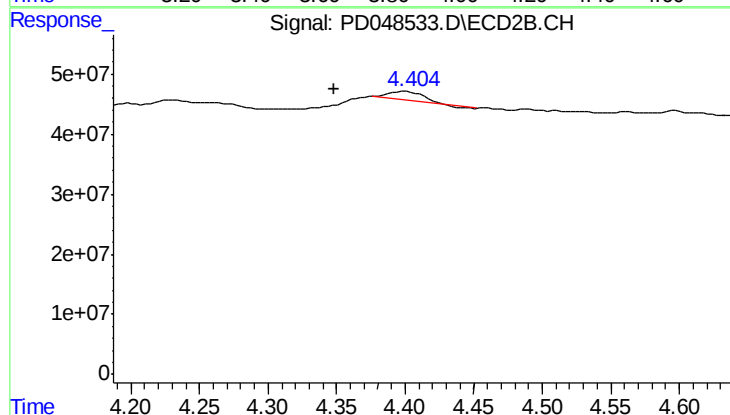
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 238125908  
Conc: 18.55 ng/ml



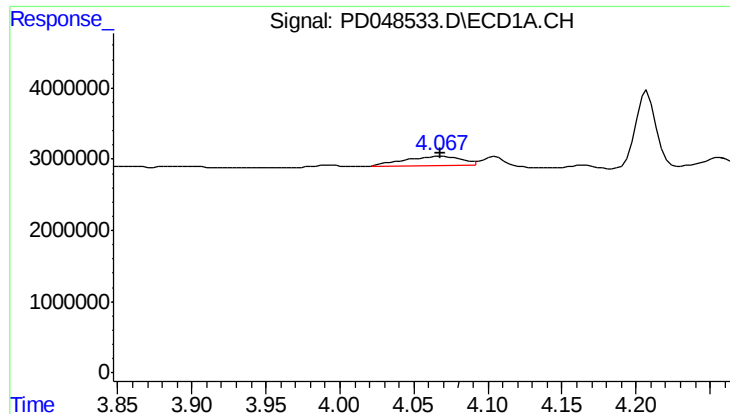
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.791 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

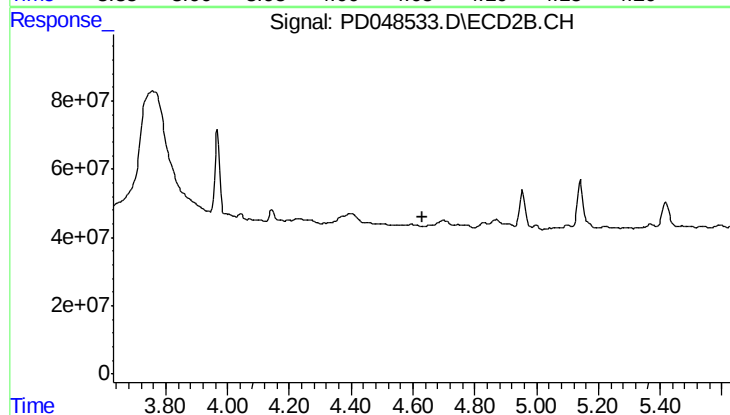
R.T.: 4.401 min  
Delta R.T.: 0.053 min  
Response: 27675939  
Conc: 1.31 ng/ml



#3 gamma-BHC (Lindane)

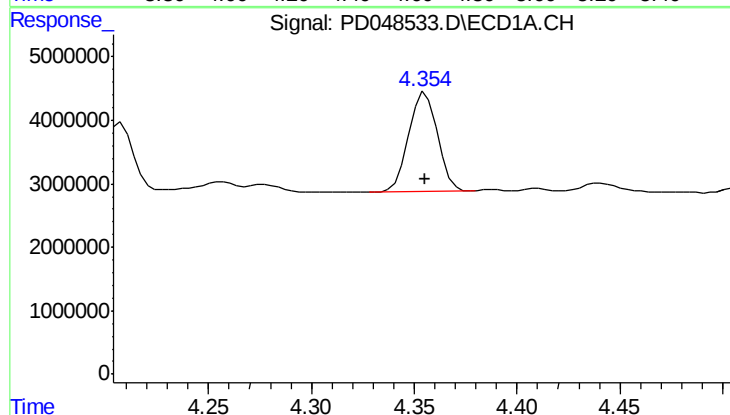
R.T.: 4.069 min  
Delta R.T.: 0.001 min  
Response: 3392329  
Conc: 1.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



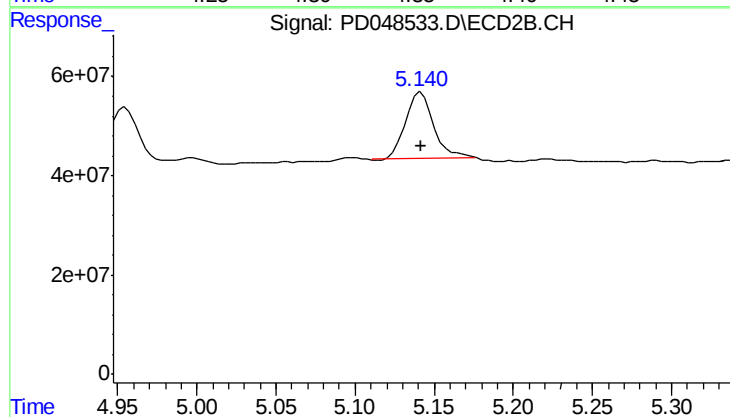
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T.: 4.629 min  
Response: 0  
Conc: N.D.



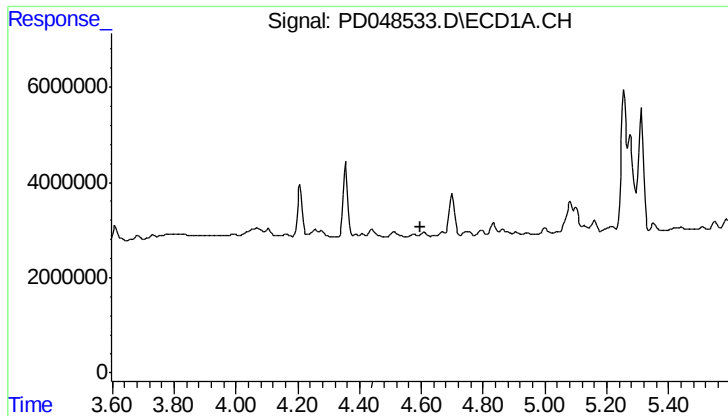
#4 Heptachlor

R.T.: 4.356 min  
Delta R.T.: 0.000 min  
Response: 15379505  
Conc: 7.87 ng/ml



#4 Heptachlor

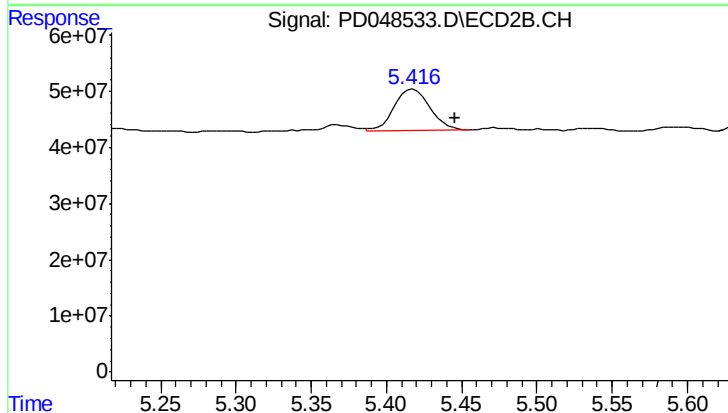
R.T.: 5.142 min  
Delta R.T.: 0.000 min  
Response: 165465633  
Conc: 9.17 ng/ml



#5 Aldrin

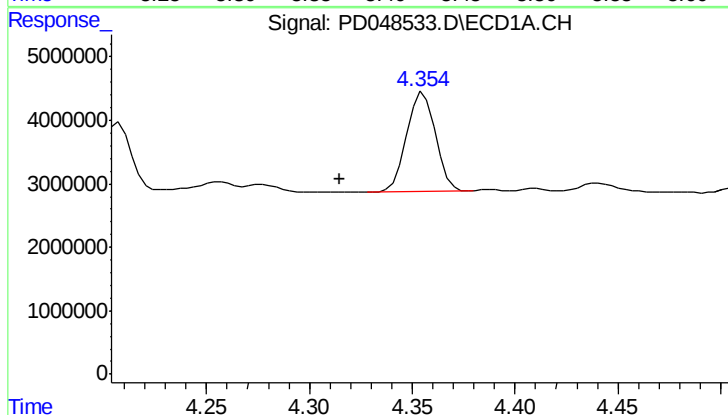
R.T.: 0.000 min  
Exp R.T.: 4.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



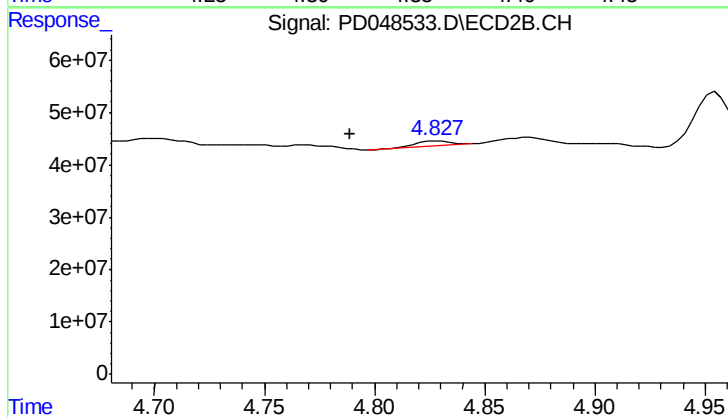
#5 Aldrin

R.T.: 5.418 min  
Delta R.T.: -0.028 min  
Response: 122257647  
Conc: 6.70 ng/ml



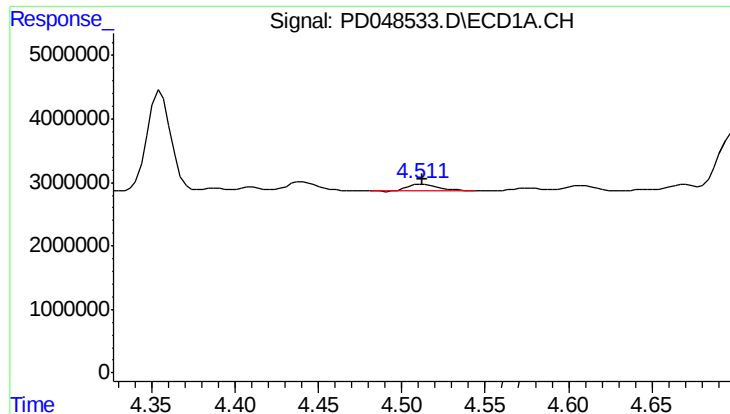
#6 beta-BHC

R.T.: 4.356 min  
Delta R.T.: 0.041 min  
Response: 15379505  
Conc: 18.75 ng/ml



#6 beta-BHC

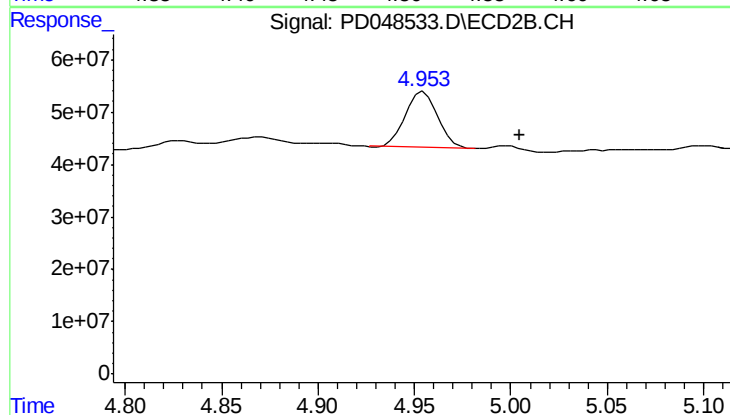
R.T.: 4.829 min  
Delta R.T.: 0.040 min  
Response: 9337714  
Conc: 1.13 ng/ml



#7 delta-BHC

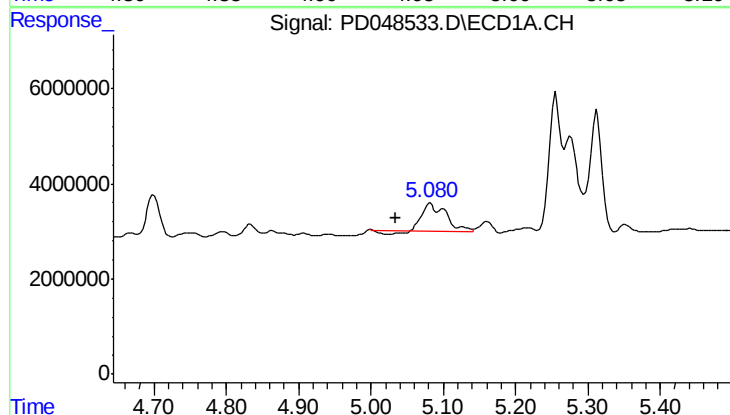
R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 1376387  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



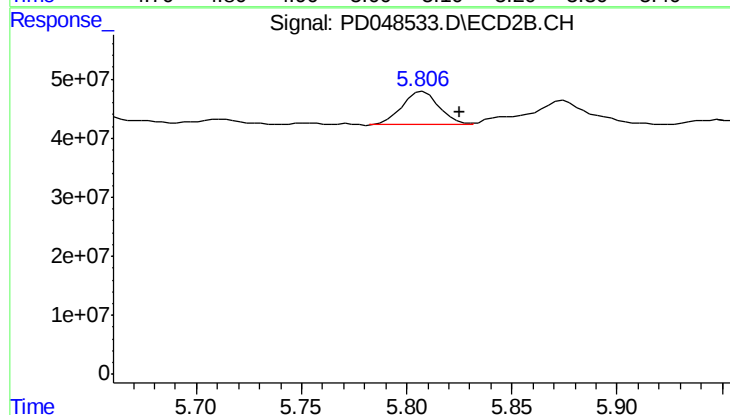
#7 delta-BHC

R.T.: 4.955 min  
Delta R.T.: -0.050 min  
Response: 124111686  
Conc: 6.73 ng/ml



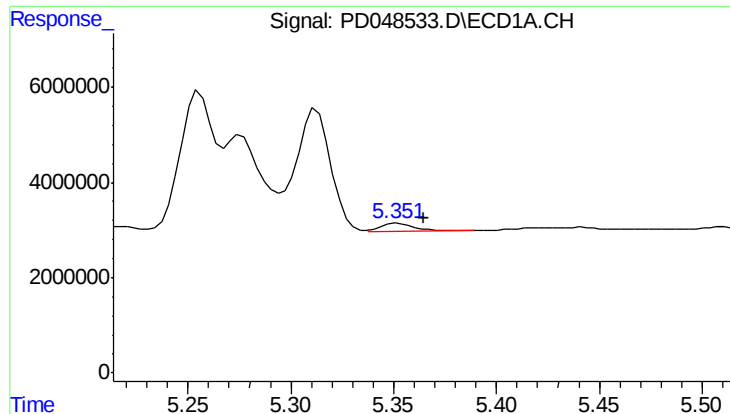
#8 Heptachlor epoxide

R.T.: 5.082 min  
Delta R.T.: 0.049 min  
Response: 12154467  
Conc: 6.93 ng/ml



#8 Heptachlor epoxide

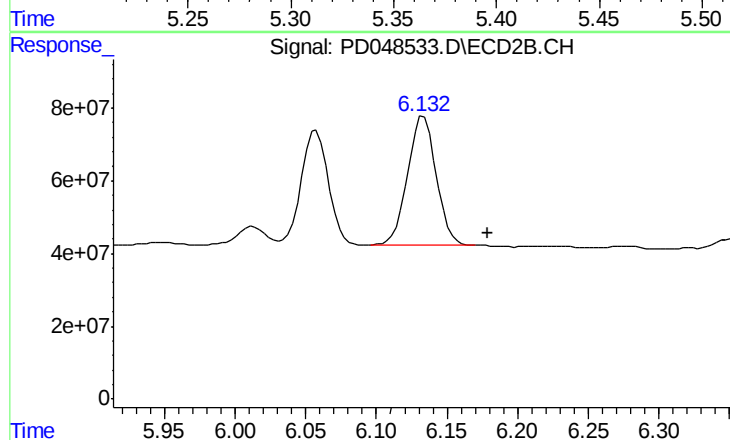
R.T.: 5.808 min  
Delta R.T.: -0.017 min  
Response: 69329520  
Conc: 4.33 ng/ml



#9 Endosulfan I

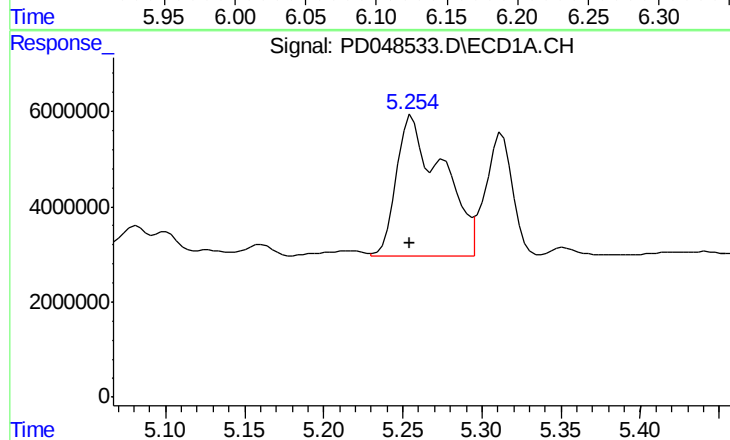
R.T.: 5.353 min  
Delta R.T.: -0.012 min  
Response: 1906863  
Conc: 1.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



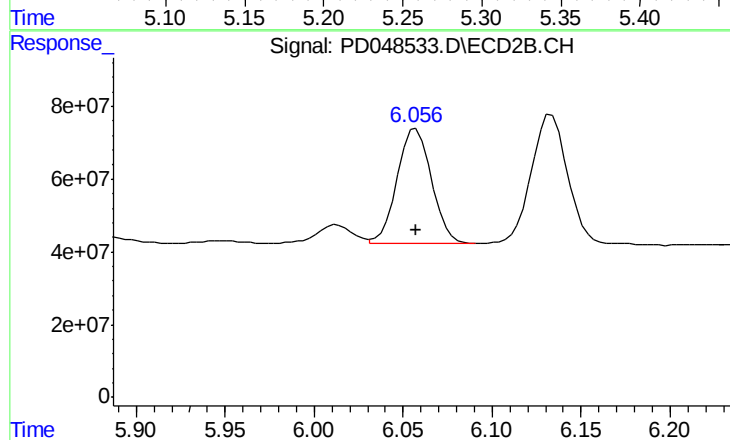
#9 Endosulfan I

R.T.: 6.133 min  
Delta R.T.: -0.046 min  
Response: 496130013  
Conc: 33.23 ng/ml



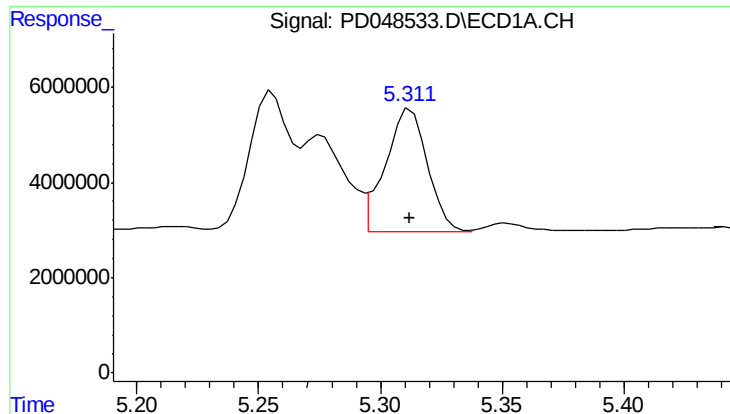
#10 gamma-Chlordane

R.T.: 5.256 min  
Delta R.T.: 0.001 min  
Response: 58822066  
Conc: 32.97 ng/ml



#10 gamma-Chlordane

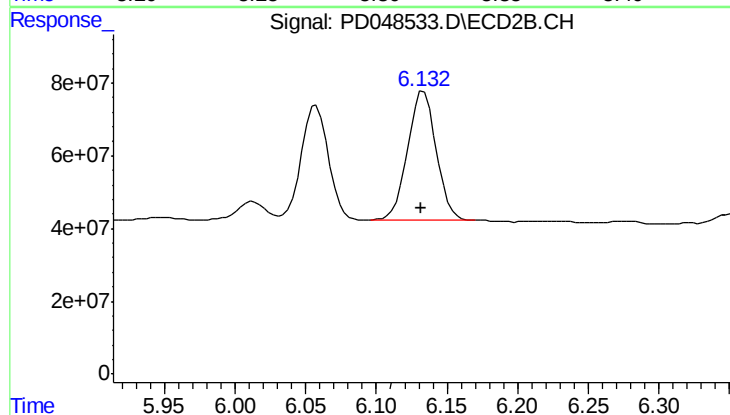
R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 419349535  
Conc: 24.80 ng/ml



#11 alpha-Chlordane

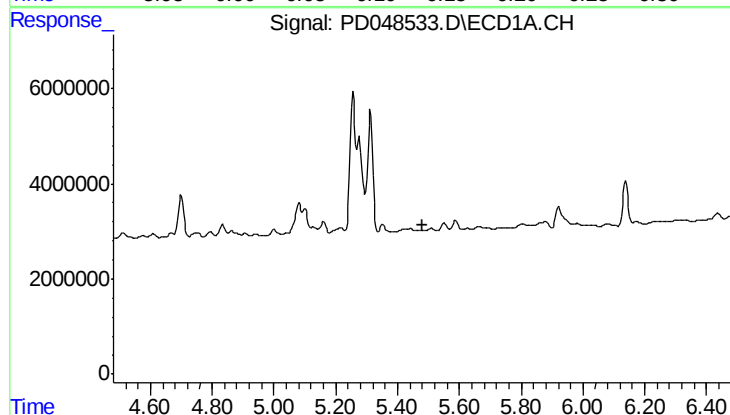
R.T.: 5.312 min  
Delta R.T.: 0.000 min  
Response: 30804855  
Conc: 17.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



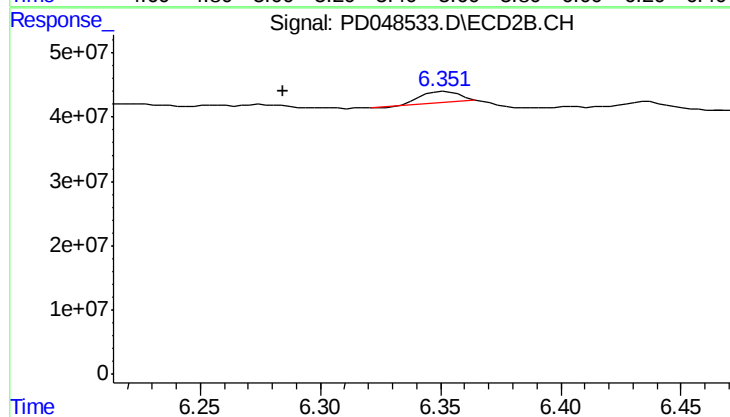
#11 alpha-Chlordane

R.T.: 6.133 min  
Delta R.T.: 0.002 min  
Response: 496130013  
Conc: 30.36 ng/ml



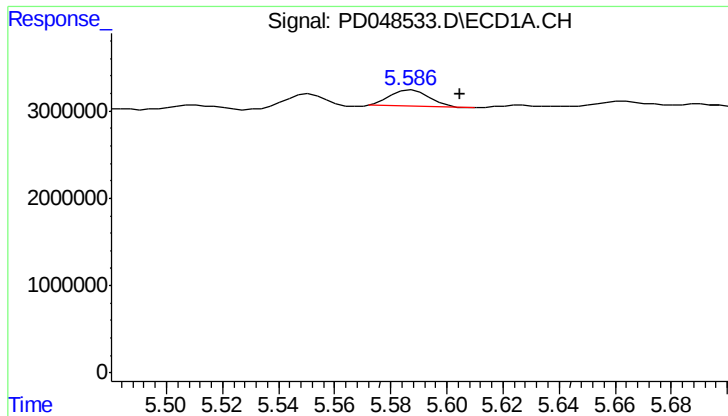
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.479 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

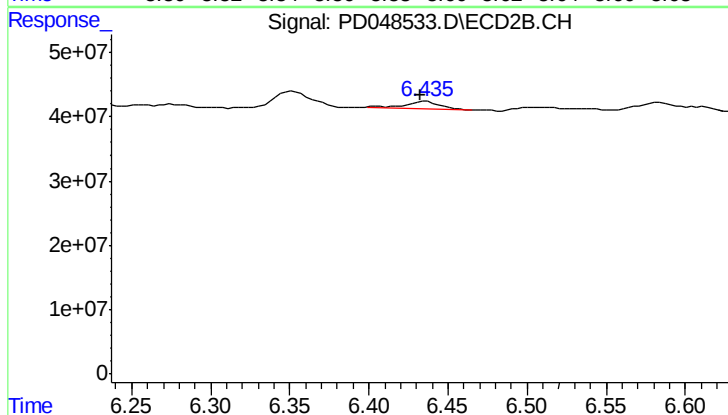
R.T.: 6.352 min  
Delta R.T.: 0.067 min  
Response: 19745884  
Conc: 1.22 ng/ml



#13 Dieldrin

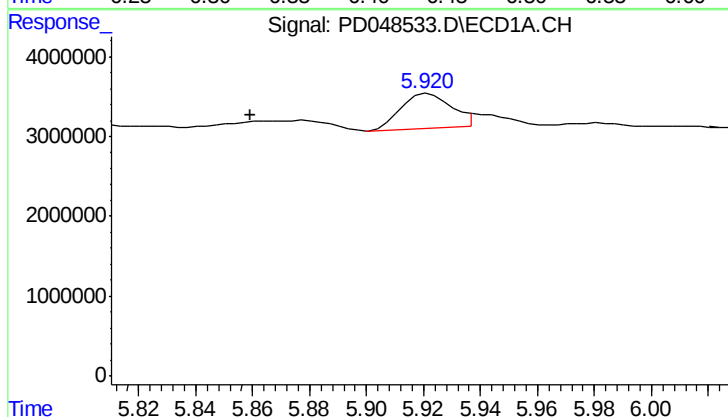
R.T.: 5.588 min  
Delta R.T.: -0.017 min  
Response: 1824289  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



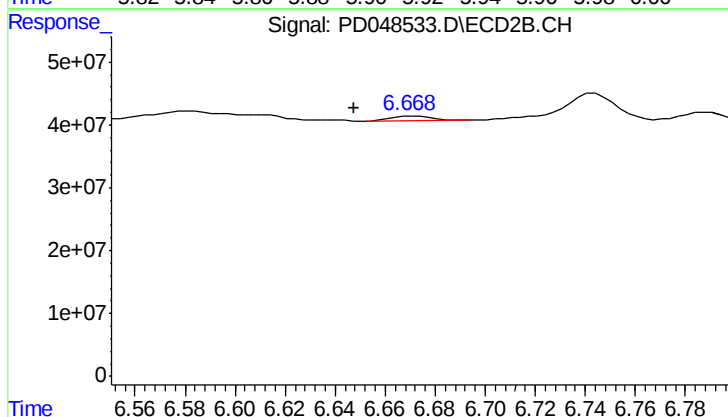
#13 Dieldrin

R.T.: 6.436 min  
Delta R.T.: 0.003 min  
Response: 16610947  
Conc: 0.98 ng/ml



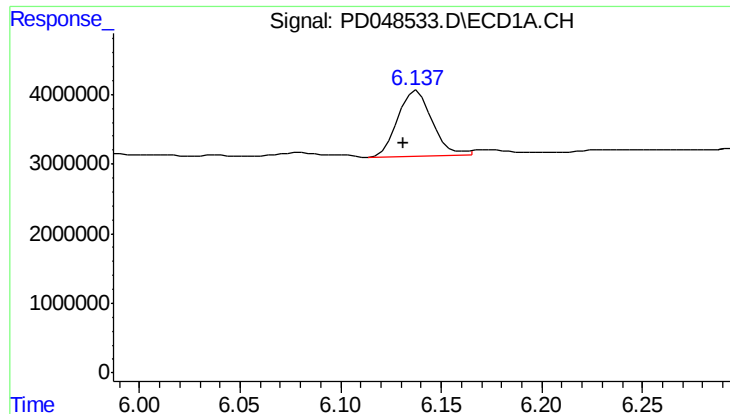
#14 Endrin

R.T.: 5.922 min  
Delta R.T.: 0.062 min  
Response: 5349630  
Conc: 3.09 ng/ml



#14 Endrin

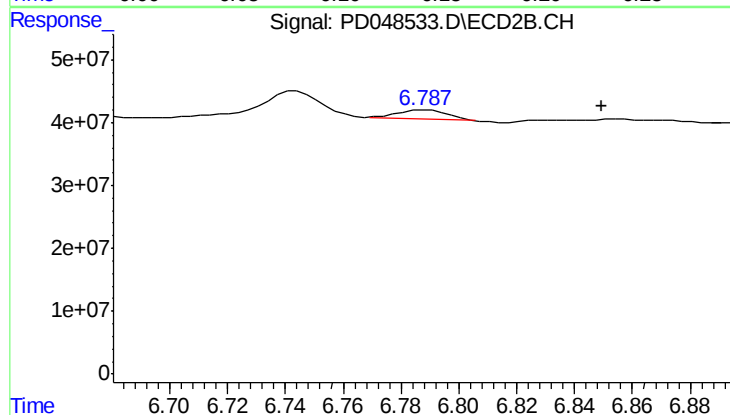
R.T.: 6.670 min  
Delta R.T.: 0.022 min  
Response: 9654639  
Conc: 0.66 ng/ml



#15 Endosulfan II

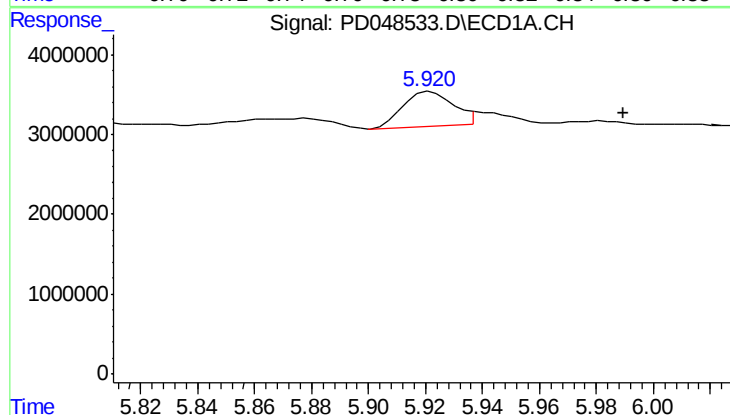
R.T.: 6.138 min  
Delta R.T.: 0.007 min  
Response: 11188592  
Conc: 7.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



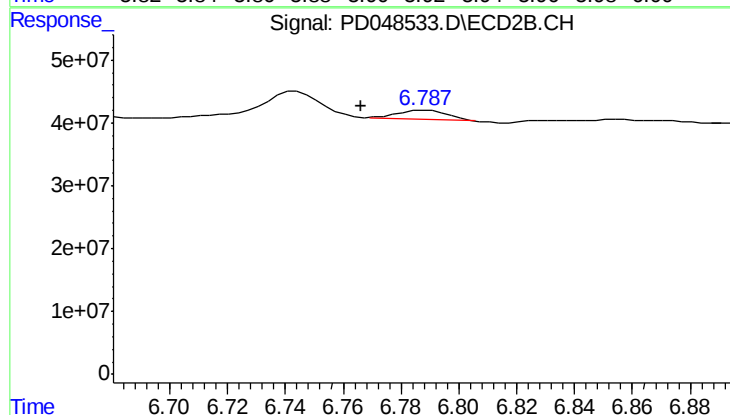
#15 Endosulfan II

R.T.: 6.789 min  
Delta R.T.: -0.061 min  
Response: 13424216  
Conc: 0.93 ng/ml



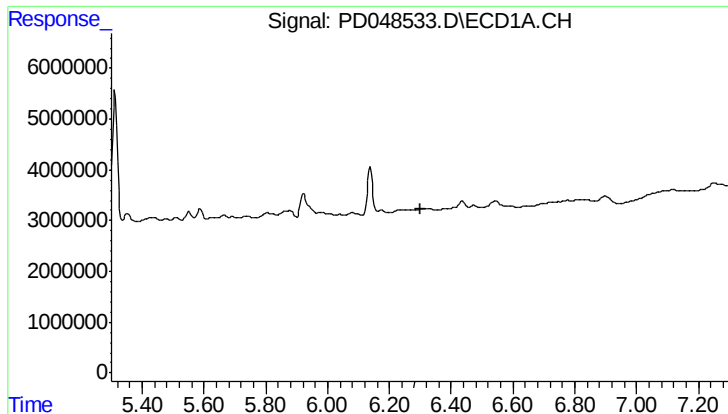
#16 4,4'-DDD

R.T.: 5.922 min  
Delta R.T.: -0.068 min  
Response: 5349630  
Conc: 3.52 ng/ml



#16 4,4'-DDD

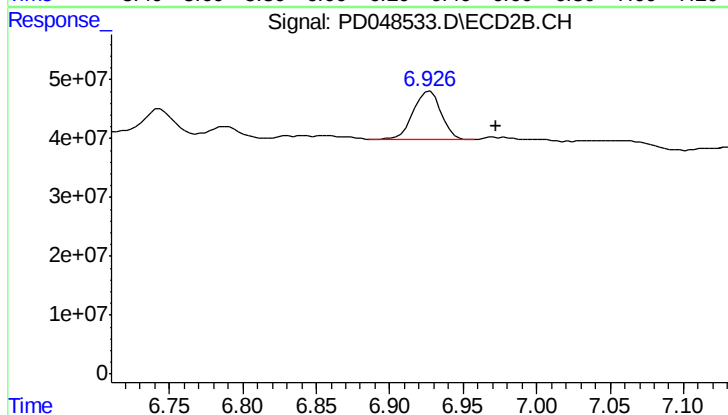
R.T.: 6.789 min  
Delta R.T.: 0.022 min  
Response: 13424216  
Conc: 1.00 ng/ml



#18 Endrin aldehyde

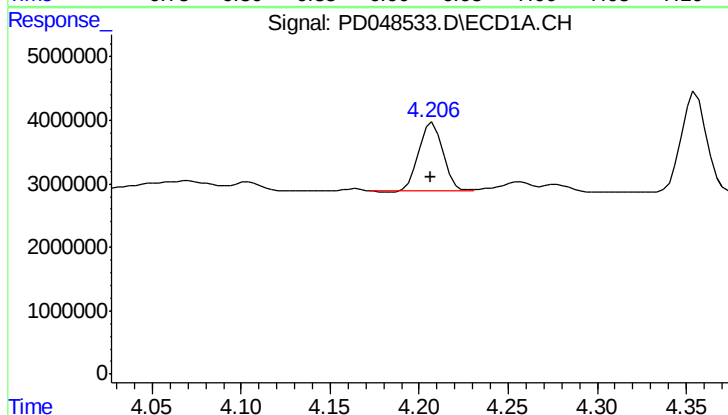
R.T.: 0.000 min  
Exp R.T.: 6.300 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



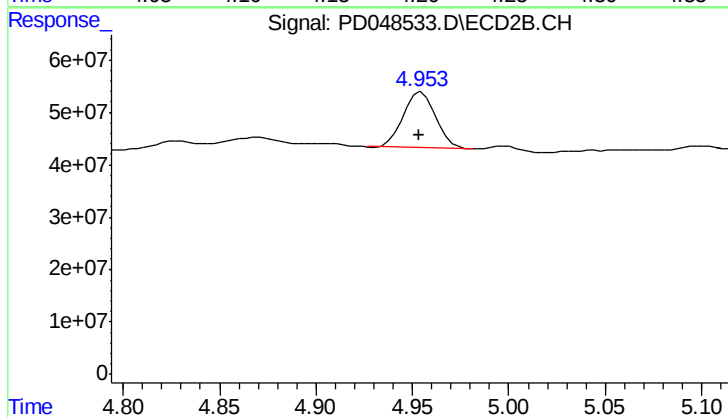
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.045 min  
Response: 108211449  
Conc: 8.39 ng/ml



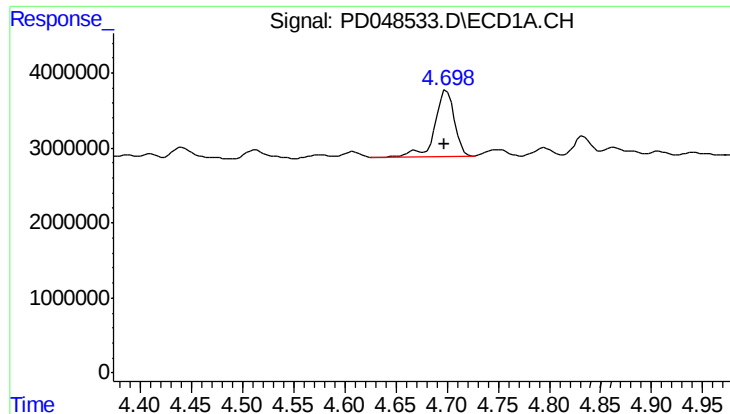
#23 Chlordane-1

R.T.: 4.208 min  
Delta R.T.: 0.001 min  
Response: 10034264  
Conc: 167.92 ng/ml



#23 Chlordane-1

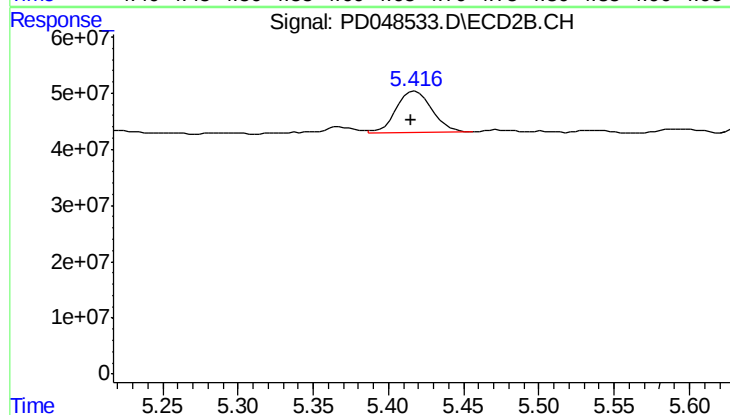
R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 124111686  
Conc: 187.00 ng/ml



#24 Chlordane-2

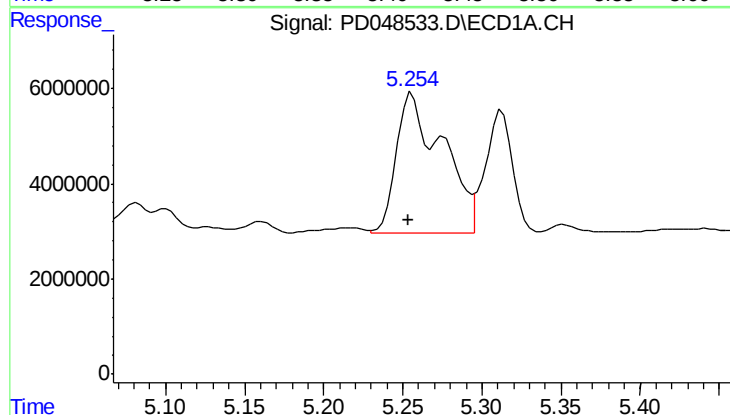
R.T.: 4.700 min  
Delta R.T.: 0.002 min  
Response: 11881837  
Conc: 196.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



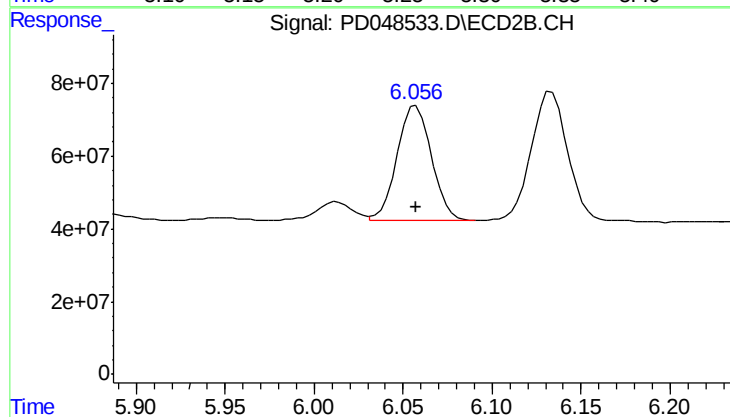
#24 Chlordane-2

R.T.: 5.418 min  
Delta R.T.: 0.003 min  
Response: 122257647  
Conc: 190.41 ng/ml



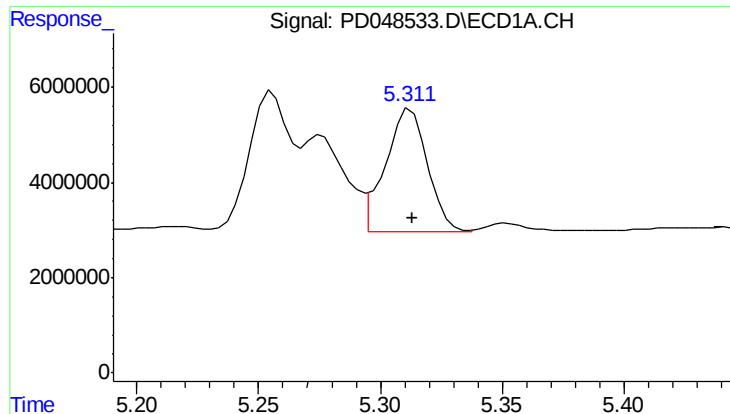
#25 Chlordane-3

R.T.: 5.256 min  
Delta R.T.: 0.002 min  
Response: 58822066  
Conc: 311.57 ng/ml



#25 Chlordane-3

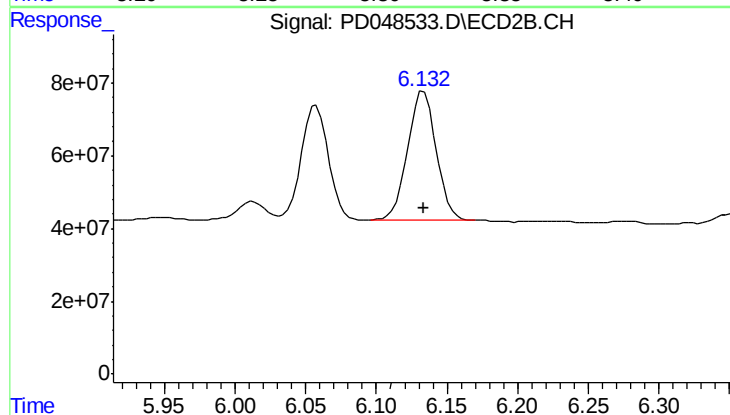
R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 419349535  
Conc: 192.19 ng/ml



#26 Chlordane-4

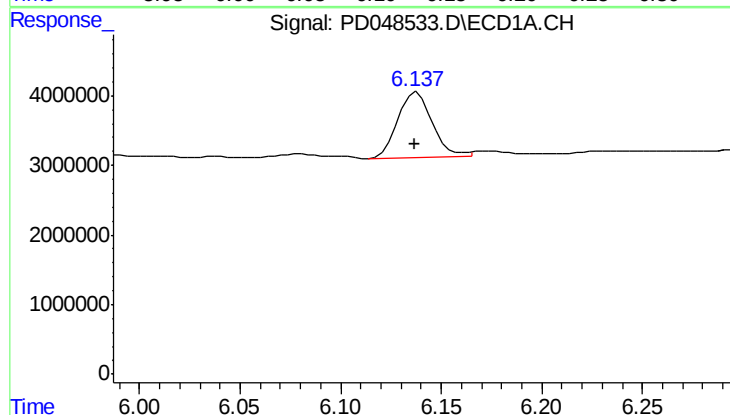
R.T.: 5.312 min  
Delta R.T.: 0.000 min  
Response: 30804855  
Conc: 179.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



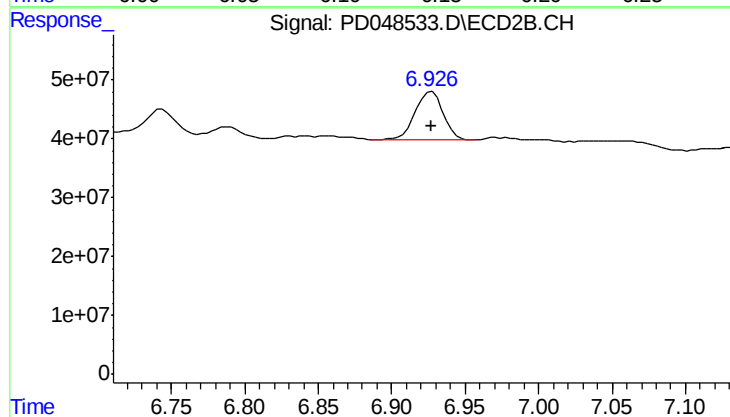
#26 Chlordane-4

R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 496130013  
Conc: 195.50 ng/ml



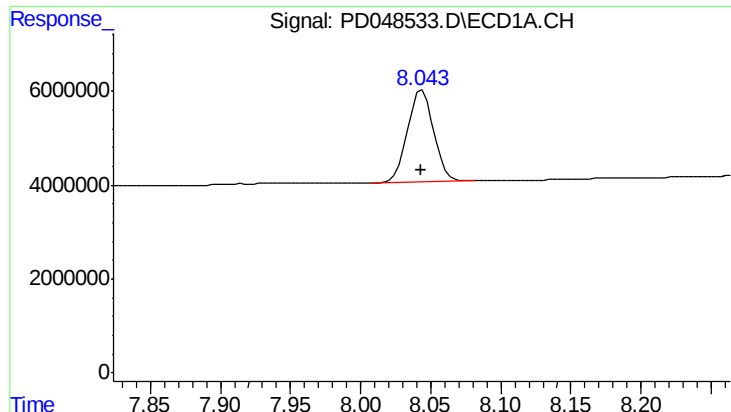
#27 Chlordane-5

R.T.: 6.138 min  
Delta R.T.: 0.001 min  
Response: 11188592  
Conc: 181.37 ng/ml



#27 Chlordane-5

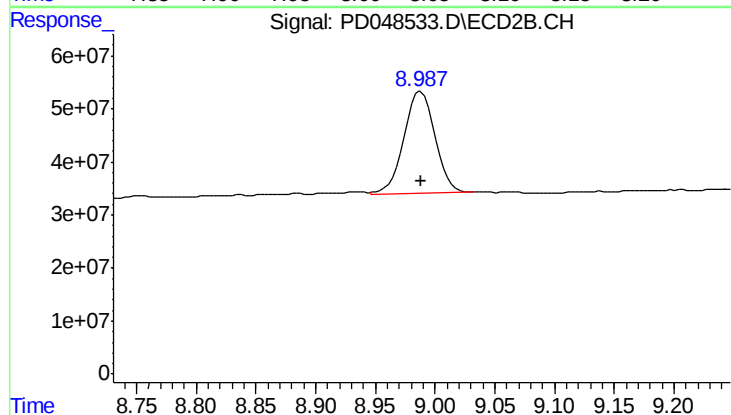
R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 108211449  
Conc: 193.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.044 min  
Delta R.T.: 0.001 min  
Response: 25389523  
Conc: 18.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB111430BS



#28 Decachlorobiphenyl

R.T.: 8.988 min  
Delta R.T.: 0.000 min  
Response: 347817934  
Conc: 20.38 ng/ml