

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
 Data File : PD058541.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2020 21:16  
 Operator : AJ\MA  
 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: Jul 10 01:27:25 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 08:01:25 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|------------|
| -----                       |                 |       |        |          |          |          |            |
| System Monitoring Compounds |                 |       |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.210 | 3.867  | 82380300 | 114.5E6  | 45.182   | 46.346     |
| 28)                         | SA Decachlor... | 7.846 | 8.861  | 82020783 | 99547473 | 45.420   | 45.658     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.632 | 4.249  | 137.5E6  | 187.0E6  | 48.025   | 49.598     |
| 3)                          | MA gamma-BHC... | 3.903 | 4.529  | 125.9E6  | 167.9E6  | 49.161   | 48.569     |
| 4)                          | MA Heptachlor   | 4.182 | 5.029  | 97707400 | 154.9E6  | 53.887   | 49.202     |
| 5)                          | MB Aldrin       | 4.417 | 5.329  | 111.8E6  | 151.6E6  | 46.955   | 47.796     |
| 6)                          | B beta-BHC      | 4.152 | 4.701  | 47906543 | 66585548 | 46.758   | 47.011     |
| 7)                          | B delta-BHC     | 4.343 | 4.913  | 125.2E6  | 152.1E6  | 49.347   | 49.447     |
| 8)                          | B Heptachlo...  | 4.850 | 5.713  | 99338496 | 151.4E6  | 50.618   | 52.002     |
| 9)                          | A Endosulfan I  | 5.176 | 6.065  | 94231763 | 128.5E6  | 47.555   | 48.730     |
| 10)                         | B gamma-Chl...  | 5.069 | 5.945  | 104.7E6  | 151.8E6  | 47.027   | 52.177     |
| 11)                         | B alpha-Chl...  | 5.126 | 6.017  | 103.1E6  | 141.5E6  | 46.572   | 49.184     |
| 12)                         | B 4,4'-DDE      | 5.295 | 6.177  | 101.5E6  | 133.0E6  | 47.023   | 48.396     |
| 13)                         | MA Dieldrin     | 5.414 | 6.320  | 98202017 | 138.1E6  | 55.069   | 48.355     |
| 14)                         | MA Endrin       | 5.665 | 6.536  | 79172283 | 112.5E6  | 55.592   | 52.835     |
| 15)                         | B Endosulfa...  | 5.939 | 6.745  | 88826202 | 117.4E6  | 49.227   | 47.565     |
| 16)                         | A 4,4'-DDD      | 5.803 | 6.664  | 72869571 | 110.9E6  | 55.708   | 48.109     |
| 17)                         | MA 4,4'-DDT     | 6.036 | 6.961  | 75004772 | 111.0E6  | 50.888   | 48.352     |
| 18)                         | B Endrin al...  | 6.107 | 6.869  | 72757171 | 100.3E6  | 52.239   | 46.897     |
| 19)                         | B Endosulfa...  | 6.317 | 7.092  | 81021285 | 111.3E6  | 50.916   | 48.532     |
| 20)                         | A Methoxychlor  | 6.585 | 7.421  | 33250673 | 60503114 | 56.440   | 50.329     |
| 21)                         | B Endrin ke...  | 6.796 | 7.558  | 100.2E6  | 129.6E6  | 54.478   | 47.601     |
| 22)                         | Mirex           | 6.967 | 8.008  | 70237071 | 89827881 | 46.630   | 46.558     |
| 24)                         | Chlordane-2     | 0.000 | 5.329f | 0        | 151.6E6  | N.D.     | 1534.301 # |
| 25)                         | Chlordane-3     | 5.069 | 5.945  | 104.7E6  | 151.8E6  | 511.491  | 408.216    |
| 26)                         | Chlordane-4     | 5.126 | 6.017  | 103.1E6  | 141.5E6  | 540.393  | 325.179 #  |
| 27)                         | Chlordane-5     | 5.939 | 0.000  | 88826202 | 0        | 1445.454 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

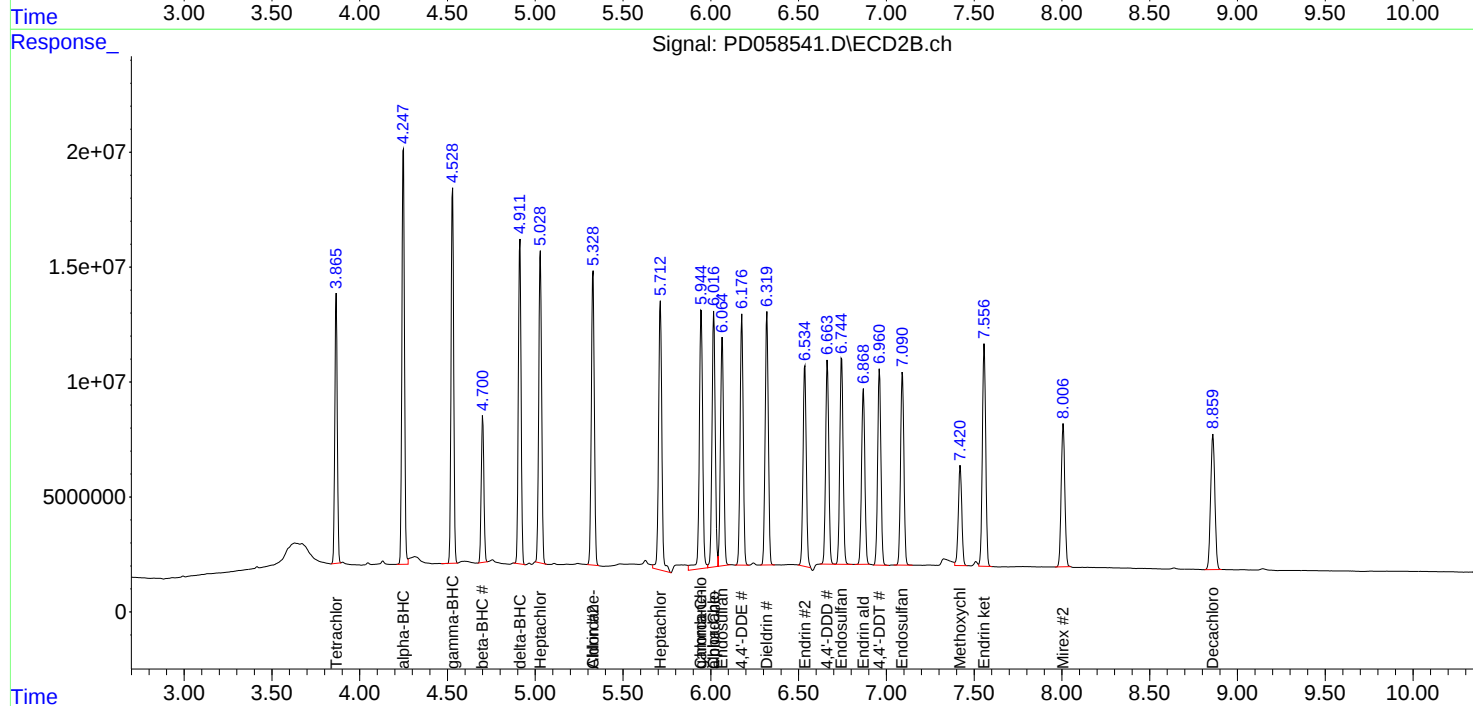
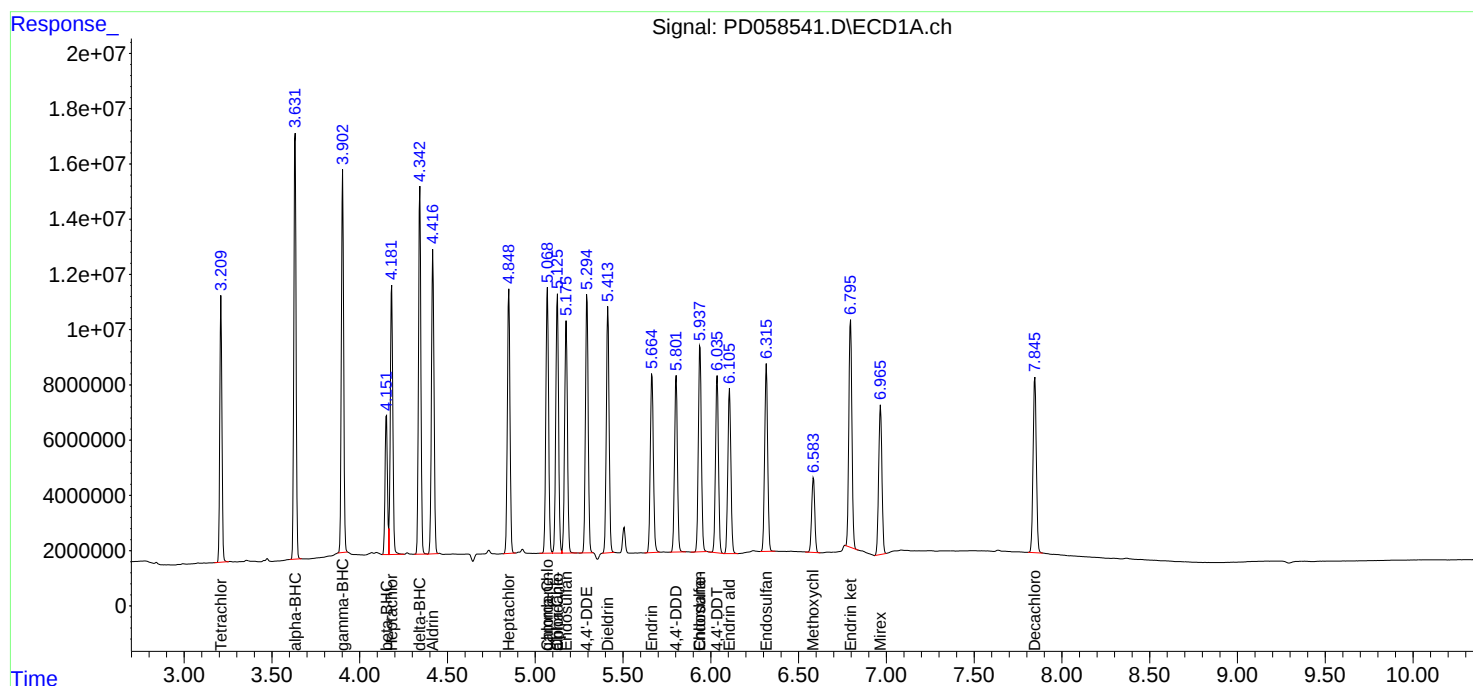
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

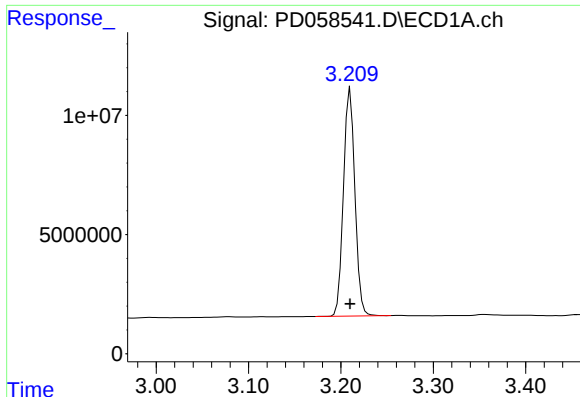
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
Data File : PD058541.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2020 21:16  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:27:25 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 08:01:25 2020  
Response via : Initial Calibration  
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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

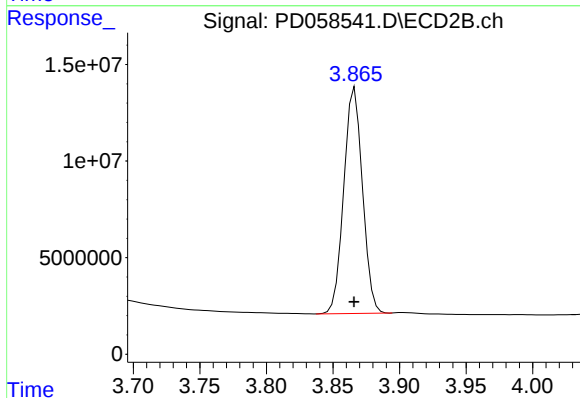




#1 Tetrachloro-m-xylene

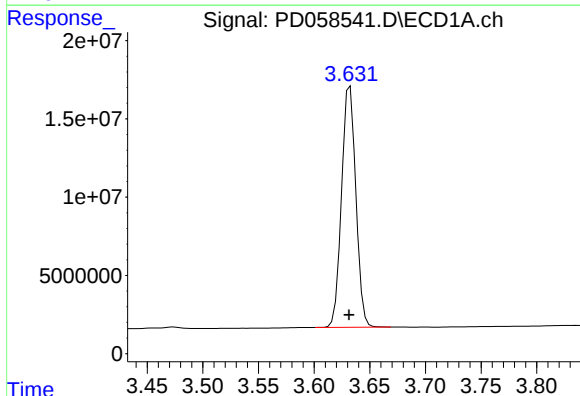
R.T.: 3.210 min  
Delta R.T.: 0.000 min  
Response: 82380300  
Conc: 45.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



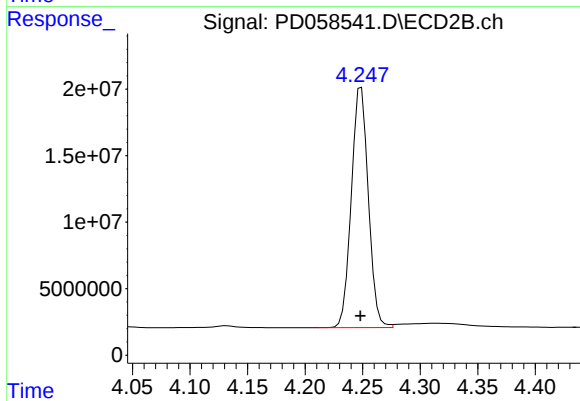
#1 Tetrachloro-m-xylene

R.T.: 3.867 min  
Delta R.T.: 0.000 min  
Response: 114510446  
Conc: 46.35 ng/ml



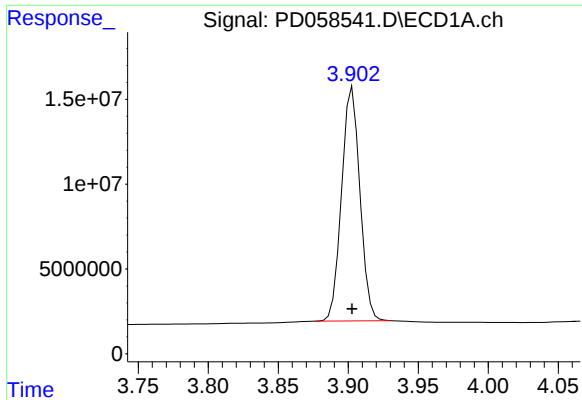
#2 alpha-BHC

R.T.: 3.632 min  
Delta R.T.: 0.000 min  
Response: 137502839  
Conc: 48.03 ng/ml



#2 alpha-BHC

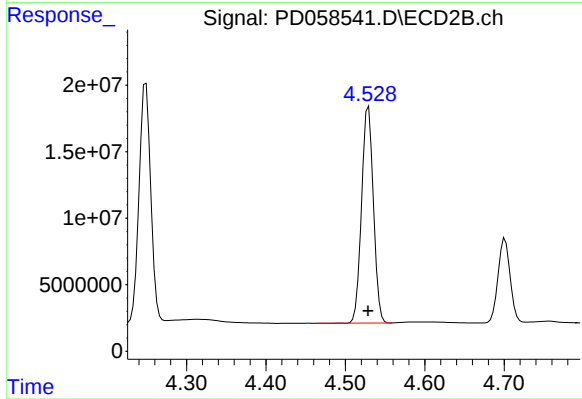
R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 186989631  
Conc: 49.60 ng/ml



#3 gamma-BHC (Lindane)

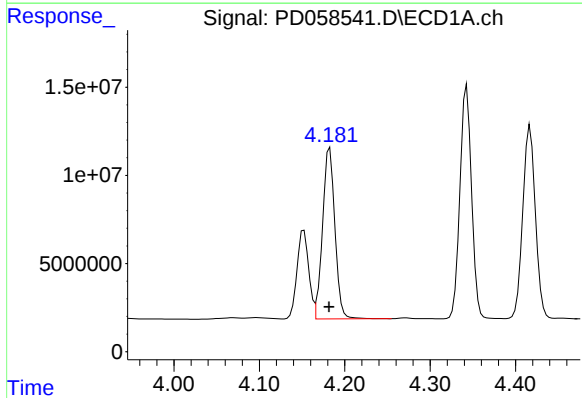
R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 125887862  
Conc: 49.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



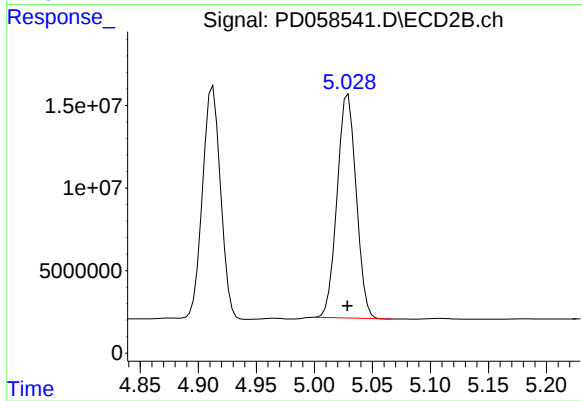
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 167895844  
Conc: 48.57 ng/ml



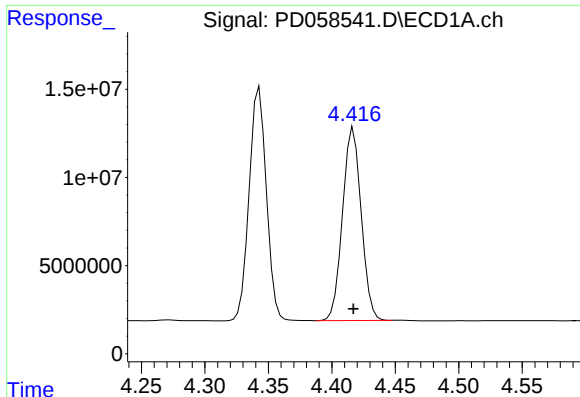
#4 Heptachlor

R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 97707400  
Conc: 53.89 ng/ml



#4 Heptachlor

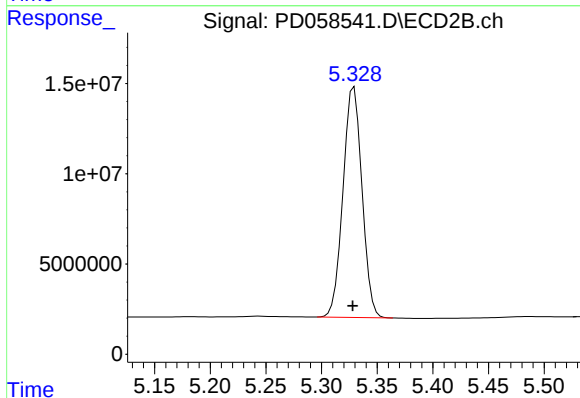
R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 154896568  
Conc: 49.20 ng/ml



#5 Aldrin

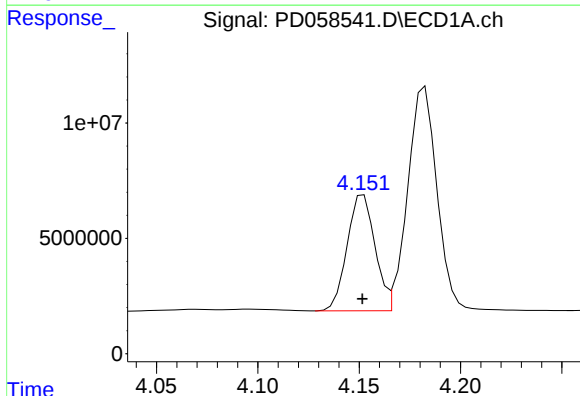
R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 111849894  
Conc: 46.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



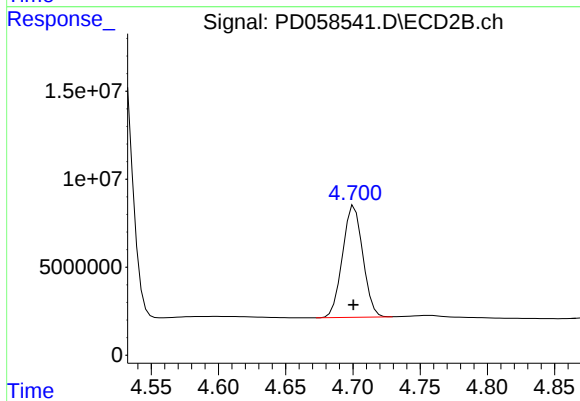
#5 Aldrin

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 151567708  
Conc: 47.80 ng/ml



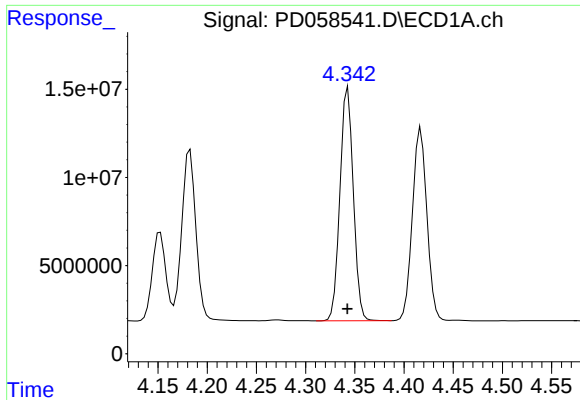
#6 beta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 47906543  
Conc: 46.76 ng/ml



#6 beta-BHC

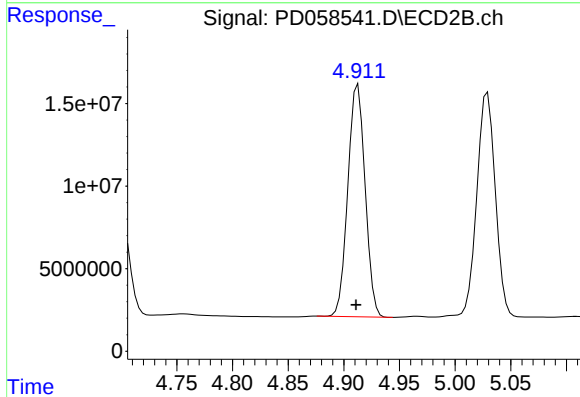
R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 66585548  
Conc: 47.01 ng/ml



#7 delta-BHC

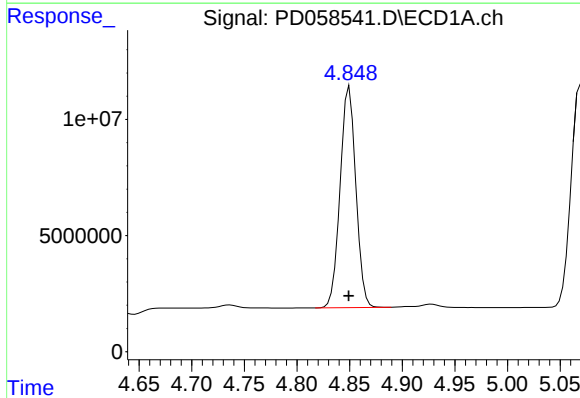
R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 125151147  
Conc: 49.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



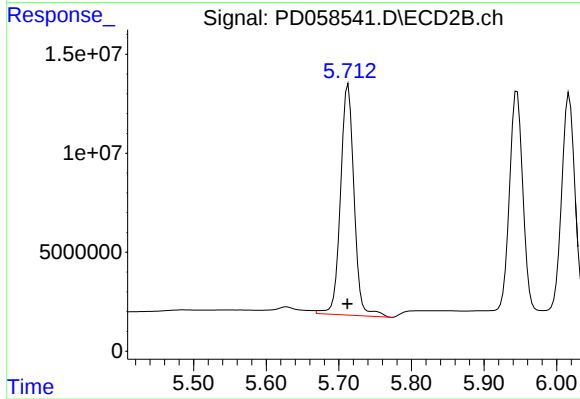
#7 delta-BHC

R.T.: 4.913 min  
Delta R.T.: 0.002 min  
Response: 152083033  
Conc: 49.45 ng/ml



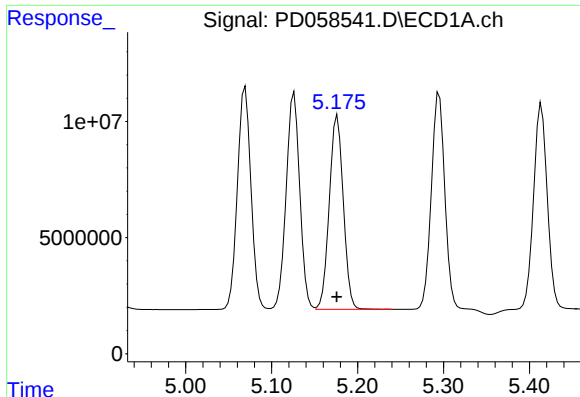
#8 Heptachlor epoxide

R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 99338496  
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

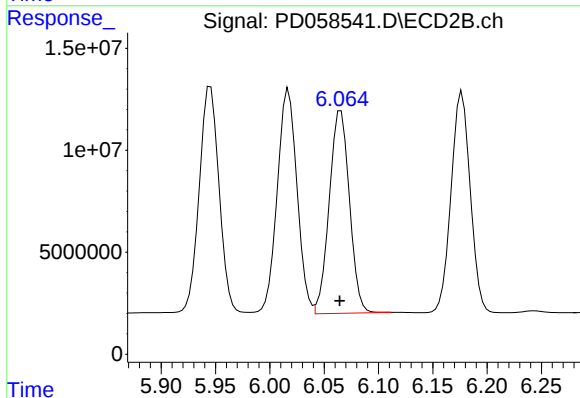
R.T.: 5.713 min  
Delta R.T.: 0.001 min  
Response: 151375967  
Conc: 52.00 ng/ml



#9 Endosulfan I

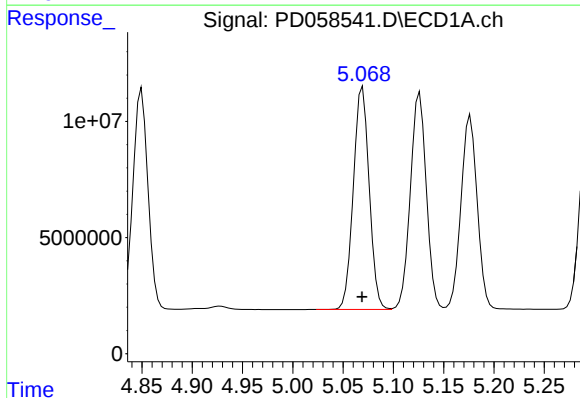
R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 94231763  
Conc: 47.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



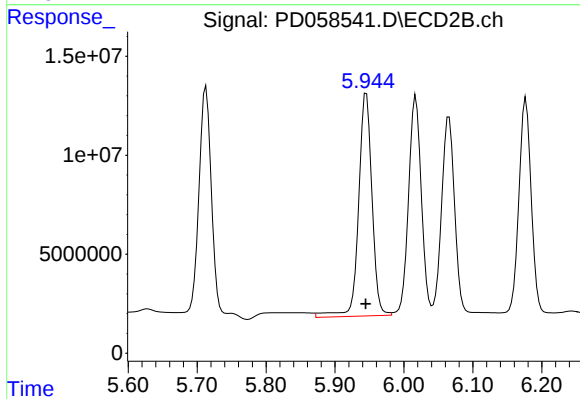
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 128479620  
Conc: 48.73 ng/ml



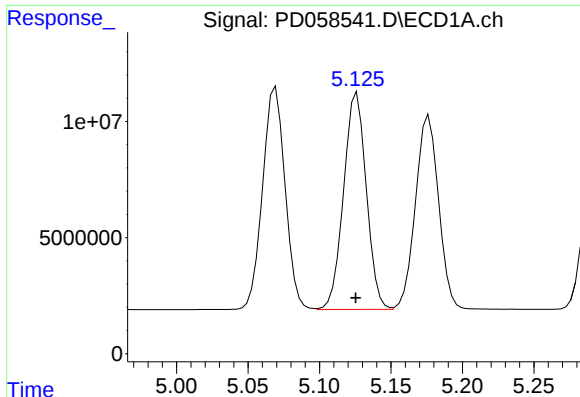
#10 gamma-Chlordane

R.T.: 5.069 min  
Delta R.T.: 0.000 min  
Response: 104698695  
Conc: 47.03 ng/ml



#10 gamma-Chlordane

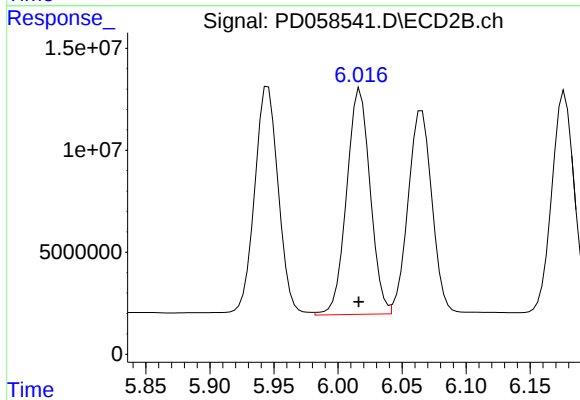
R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 151834105  
Conc: 52.18 ng/ml



#11 alpha-Chlordane

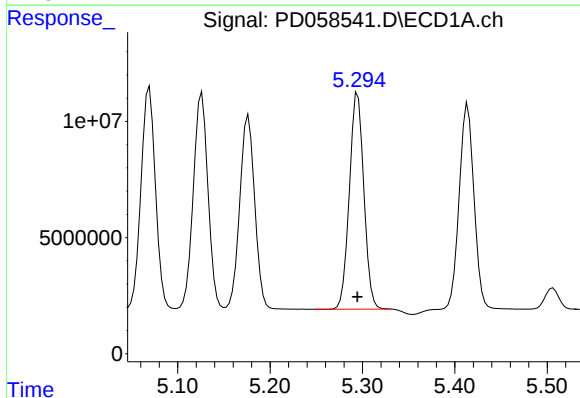
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 103122350  
Conc: 46.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



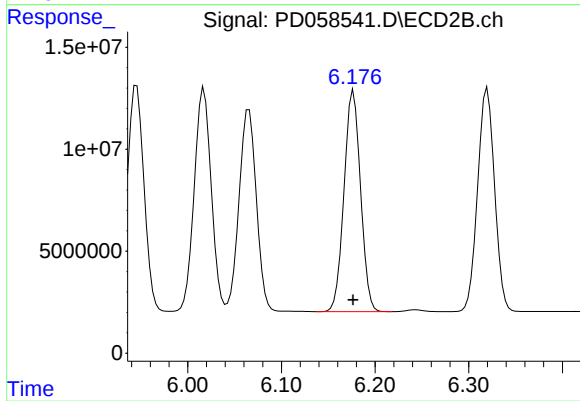
#11 alpha-Chlordane

R.T.: 6.017 min  
Delta R.T.: 0.001 min  
Response: 141452770  
Conc: 49.18 ng/ml



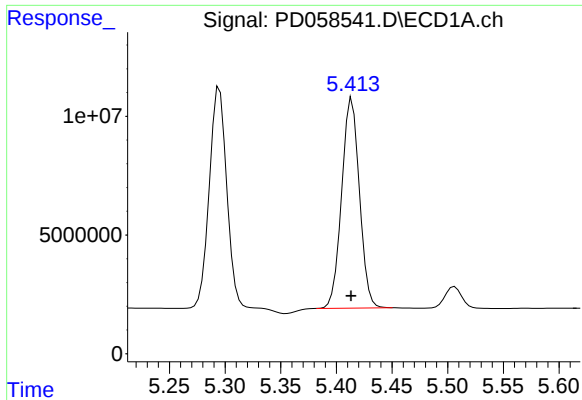
#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 101484748  
Conc: 47.02 ng/ml



#12 4,4'-DDE

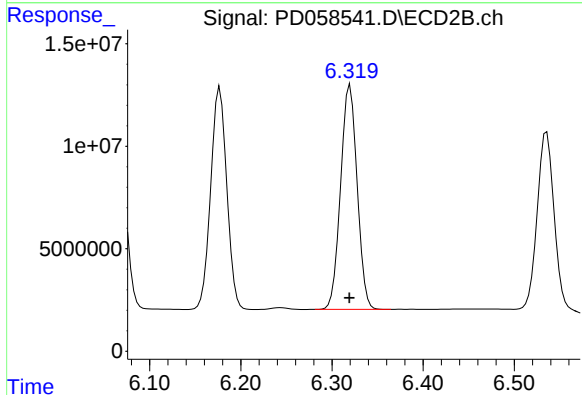
R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 133012107  
Conc: 48.40 ng/ml



#13 Dieldrin

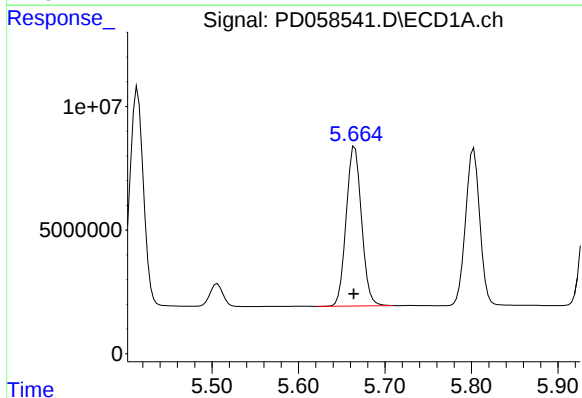
R.T.: 5.414 min  
Delta R.T.: 0.000 min  
Response: 98202017  
Conc: 55.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



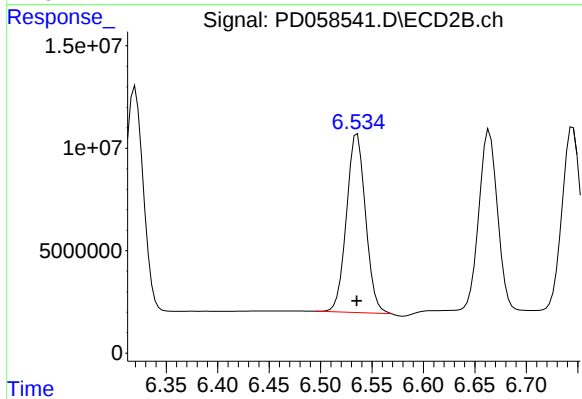
#13 Dieldrin

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 138136619  
Conc: 48.35 ng/ml



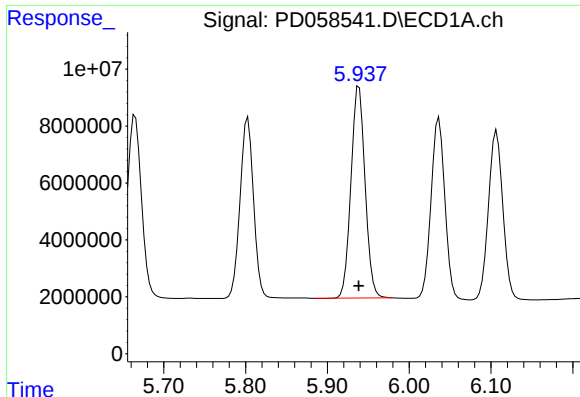
#14 Endrin

R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 79172283  
Conc: 55.59 ng/ml



#14 Endrin

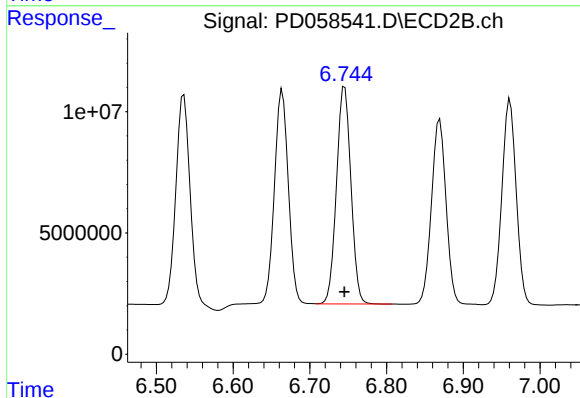
R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 112453757  
Conc: 52.84 ng/ml



#15 Endosulfan II

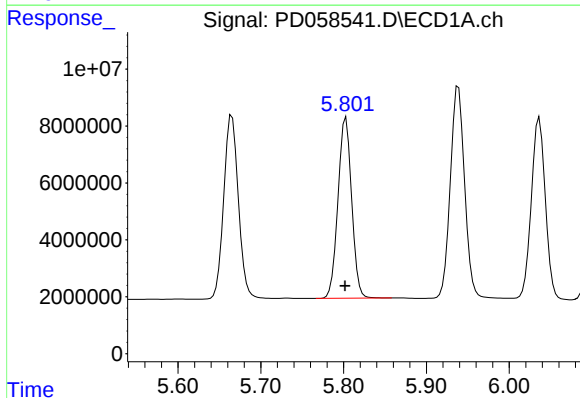
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 88826202  
Conc: 49.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



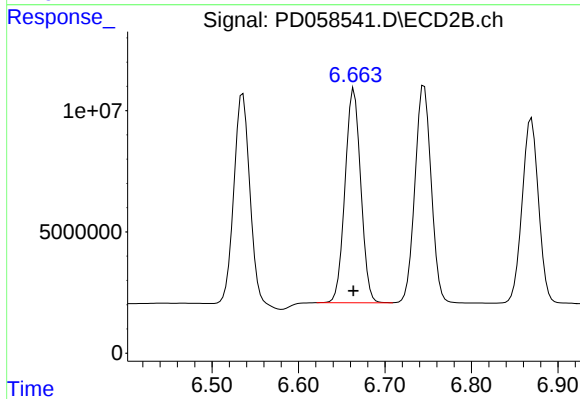
#15 Endosulfan II

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 117380498  
Conc: 47.57 ng/ml



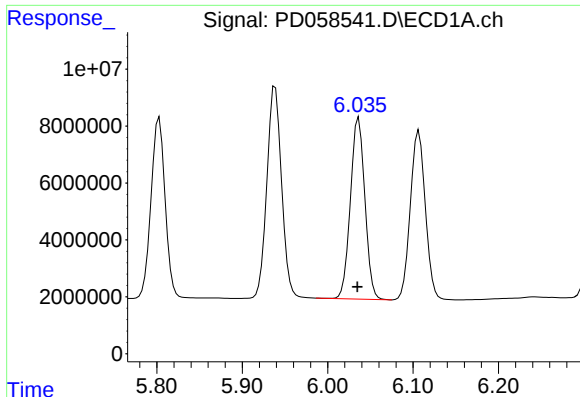
#16 4,4'-DDD

R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 72869571  
Conc: 55.71 ng/ml



#16 4,4'-DDD

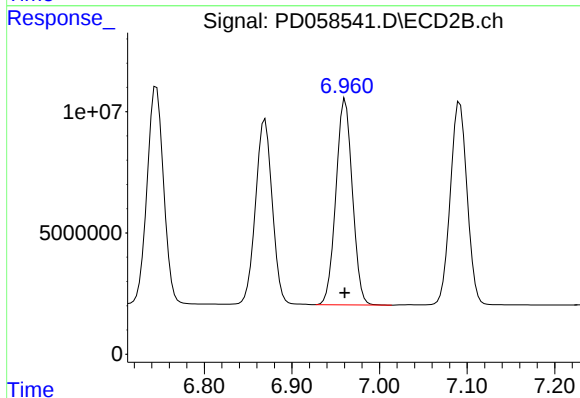
R.T.: 6.664 min  
Delta R.T.: 0.000 min  
Response: 110919255  
Conc: 48.11 ng/ml



#17 4,4'-DDT

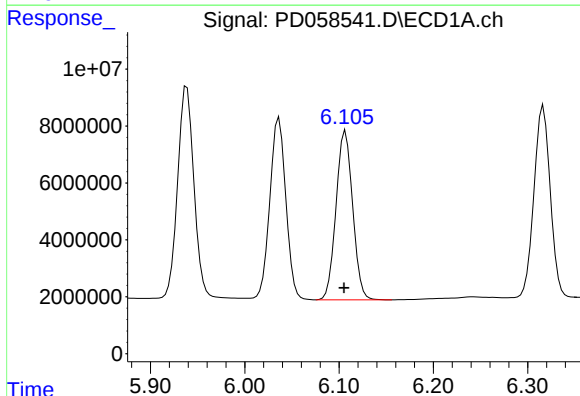
R.T.: 6.036 min  
Delta R.T.: 0.001 min  
Response: 75004772  
Conc: 50.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



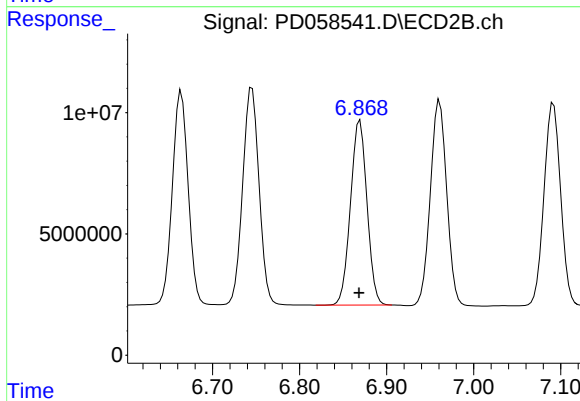
#17 4,4'-DDT

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 110951472  
Conc: 48.35 ng/ml



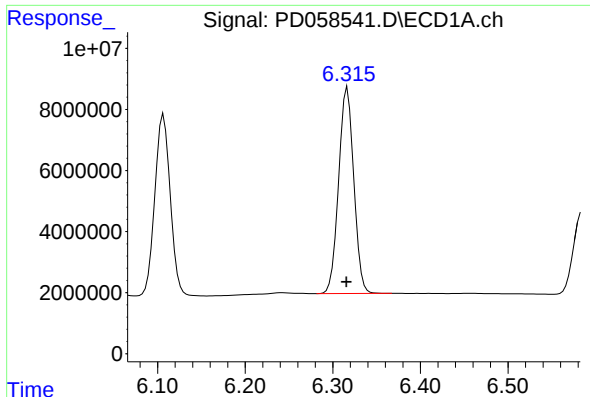
#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.002 min  
Response: 72757171  
Conc: 52.24 ng/ml



#18 Endrin aldehyde

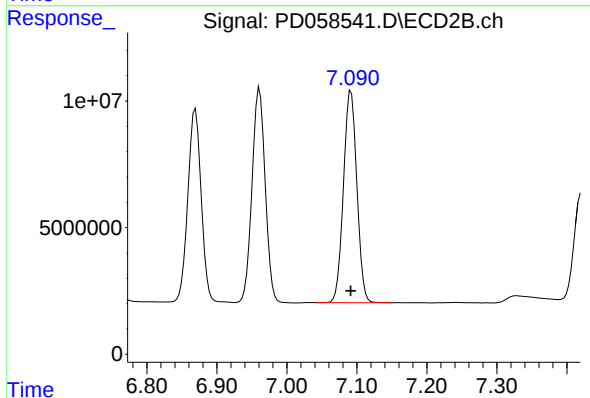
R.T.: 6.869 min  
Delta R.T.: 0.001 min  
Response: 100288387  
Conc: 46.90 ng/ml



#19 Endosulfan Sulfate

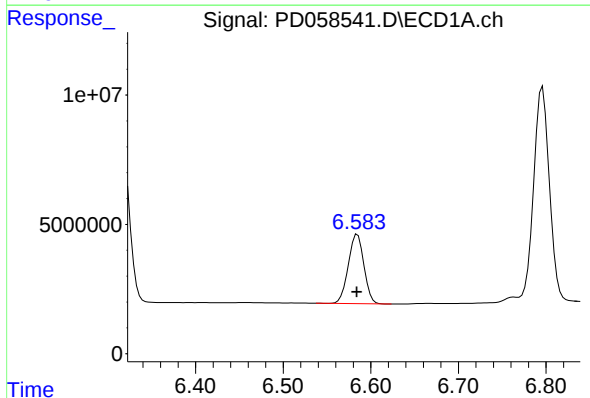
R.T.: 6.317 min  
Delta R.T.: 0.001 min  
Response: 81021285  
Conc: 50.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



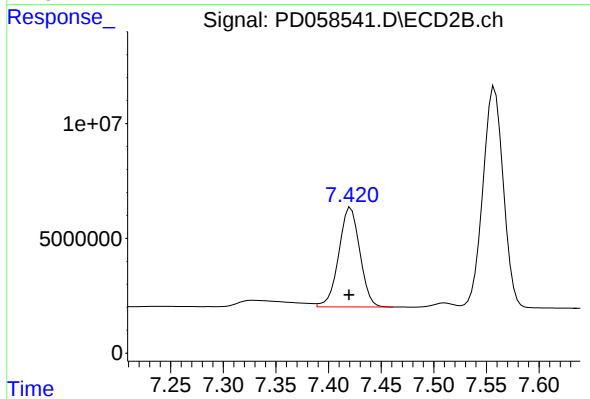
#19 Endosulfan Sulfate

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 111278718  
Conc: 48.53 ng/ml



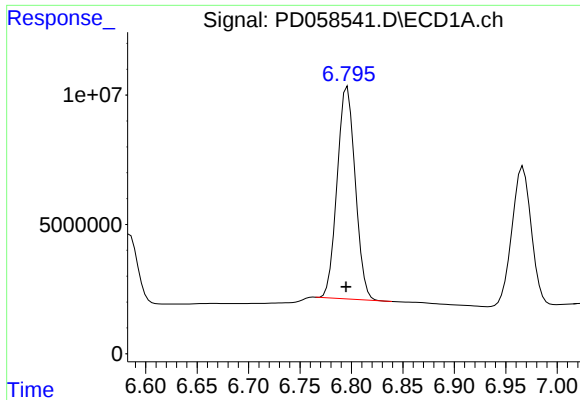
#20 Methoxychlor

R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 33250673  
Conc: 56.44 ng/ml



#20 Methoxychlor

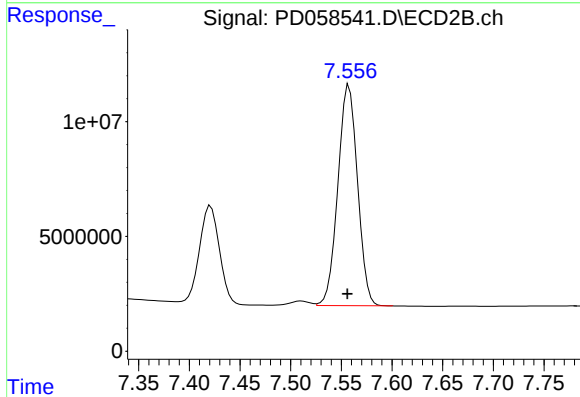
R.T.: 7.421 min  
Delta R.T.: 0.002 min  
Response: 60503114  
Conc: 50.33 ng/ml



#21 Endrin ketone

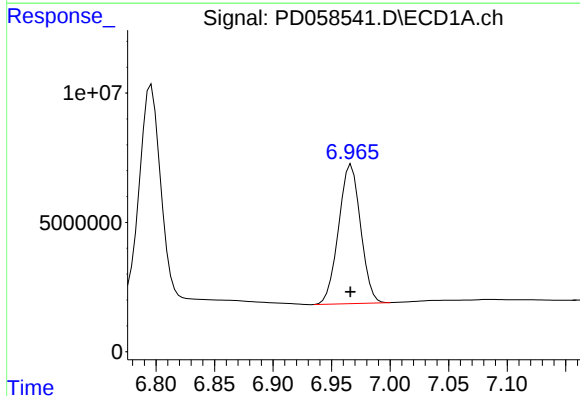
R.T.: 6.796 min  
Delta R.T.: 0.001 min  
Response: 100224483  
Conc: 54.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



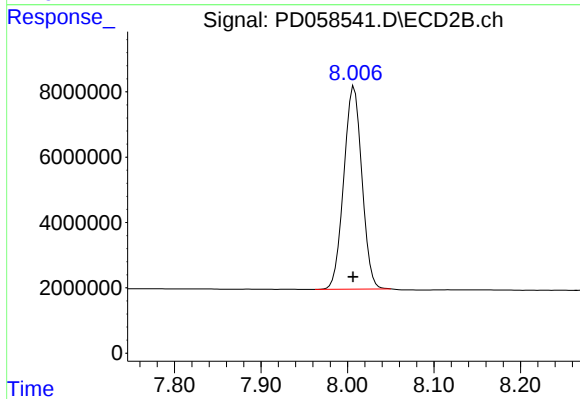
#21 Endrin ketone

R.T.: 7.558 min  
Delta R.T.: 0.002 min  
Response: 129555843  
Conc: 47.60 ng/ml



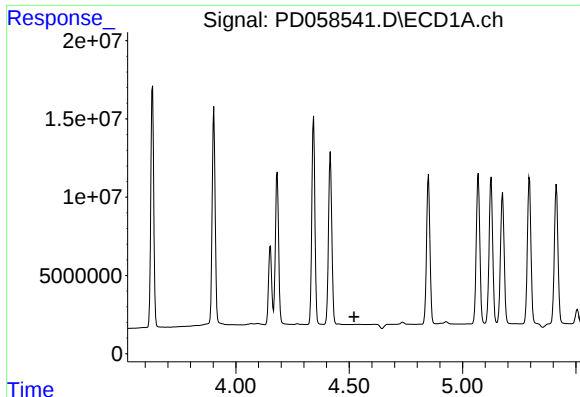
#22 Mirex

R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 70237071  
Conc: 46.63 ng/ml



#22 Mirex

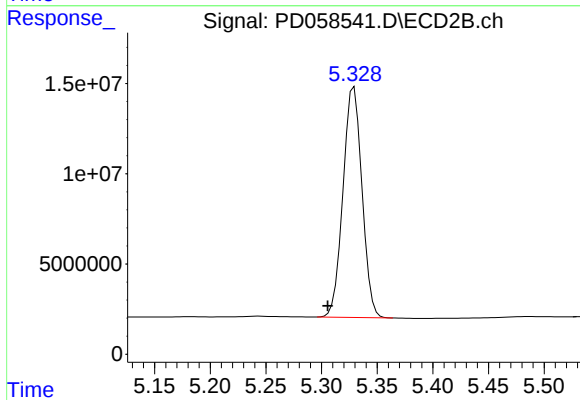
R.T.: 8.008 min  
Delta R.T.: 0.001 min  
Response: 89827881  
Conc: 46.56 ng/ml



#24 Chlordane-2

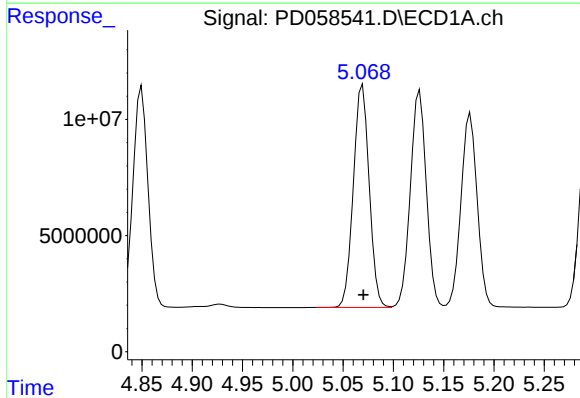
R.T.: 0.000 min  
Exp R.T.: 4.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



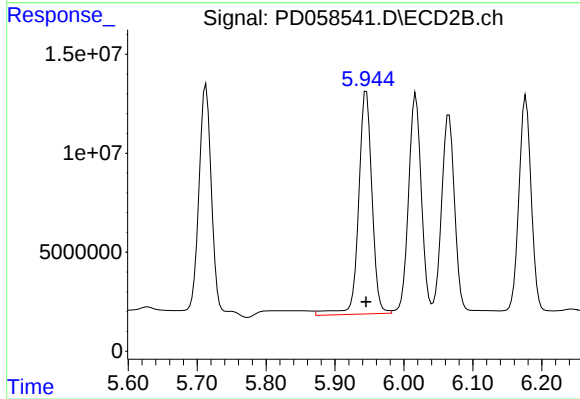
#24 Chlordane-2

R.T.: 5.329 min  
Delta R.T.: 0.023 min  
Response: 151567708  
Conc: 1534.30 ng/ml



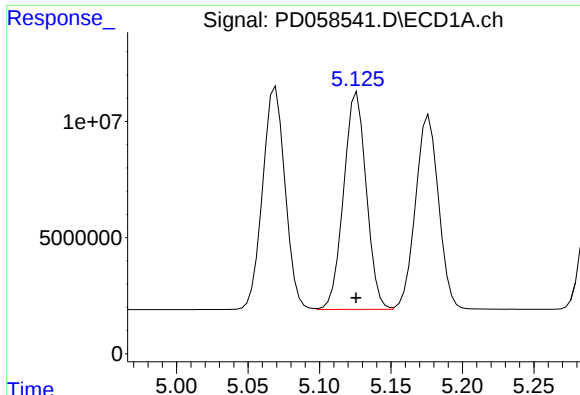
#25 Chlordane-3

R.T.: 5.069 min  
Delta R.T.: 0.000 min  
Response: 104698695  
Conc: 511.49 ng/ml



#25 Chlordane-3

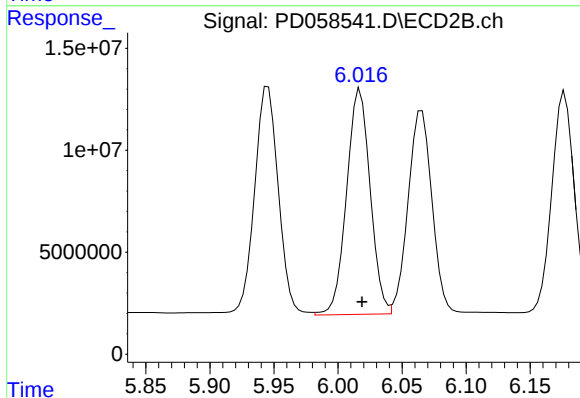
R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 151834105  
Conc: 408.22 ng/ml



#26 Chlordane-4

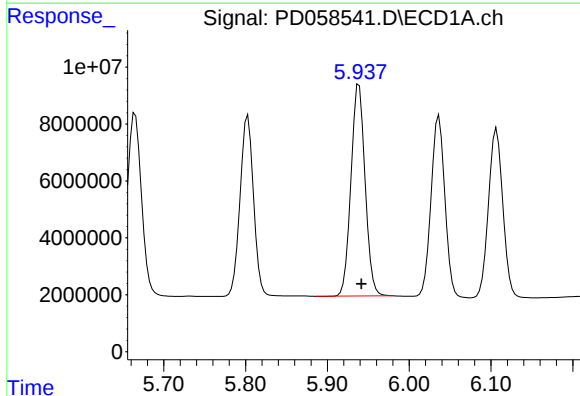
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 103122350  
Conc: 540.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



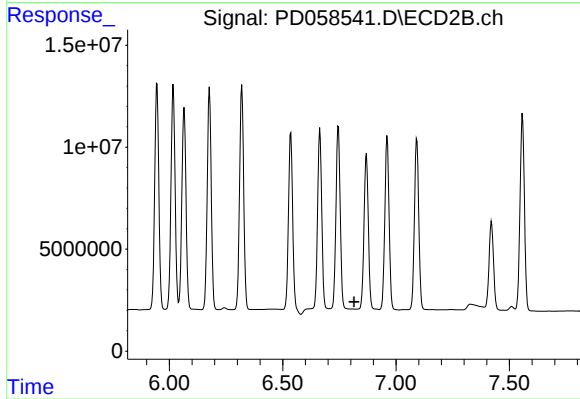
#26 Chlordane-4

R.T.: 6.017 min  
Delta R.T.: -0.002 min  
Response: 141452770  
Conc: 325.18 ng/ml



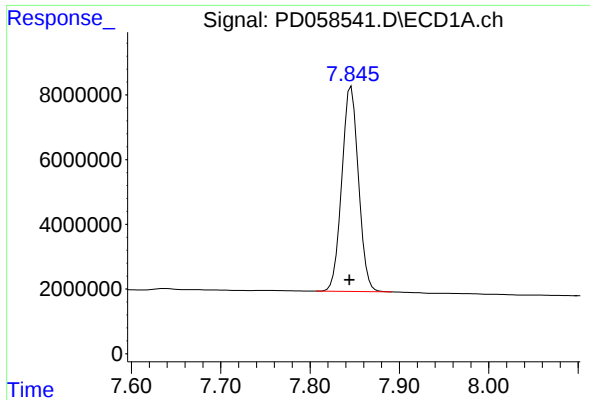
#27 Chlordane-5

R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 88826202  
Conc: 1445.45 ng/ml



#27 Chlordane-5

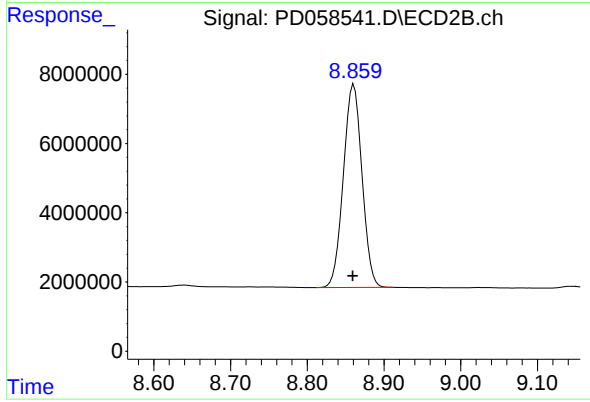
R.T.: 0.000 min  
Exp R.T.: 6.815 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.846 min  
Delta R.T.: 0.002 min  
Response: 82020783  
Conc: 45.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.861 min  
Delta R.T.: 0.001 min  
Response: 99547473  
Conc: 45.66 ng/ml