

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
 Data File : PD059834.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 09:07  
 Operator : DD\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: Oct 21 07:33:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:13:18 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... | 3.509  | 4.024  | 73843864 | 123.2E6  | 49.731   | 50.202     |
| 28)                         | SA Decachlor... | 8.308  | 9.108  | 79892465 | 93991744 | 51.673   | 51.903     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.950  | 4.415  | 123.2E6  | 196.1E6  | 50.961   | 51.191     |
| 3)                          | MA gamma-BHC... | 4.237  | 4.700  | 116.1E6  | 179.0E6  | 50.988   | 51.028     |
| 4)                          | MA Heptachlor   | 4.544  | 5.212  | 119.8E6  | 174.4E6  | 50.507   | 51.145     |
| 5)                          | MB Aldrin       | 4.796  | 5.519  | 113.6E6  | 163.1E6  | 50.921   | 51.908     |
| 6)                          | B beta-BHC      | 4.487  | 4.868  | 46264025 | 72412822 | 49.212   | 49.444     |
| 7)                          | B delta-BHC     | 4.695  | 5.087  | 112.4E6  | 164.6E6  | 50.896   | 57.647     |
| 8)                          | B Heptachlo...  | 5.242  | 5.905  | 104.3E6  | 147.6E6  | 50.826   | 53.761     |
| 9)                          | A Endosulfan I  | 5.585  | 6.263  | 97217812 | 136.6E6  | 51.327   | 51.169     |
| 10)                         | B gamma-Chl...  | 5.472  | 6.139  | 106.5E6  | 149.4E6  | 51.628   | 51.109     |
| 11)                         | B alpha-Chl...  | 5.531  | 6.212  | 105.2E6  | 148.5E6  | 51.403   | 51.093     |
| 12)                         | B 4,4'-DDE      | 5.695  | 6.368  | 103.5E6  | 141.9E6  | 51.067   | 51.722     |
| 13)                         | MA Dieldrin     | 5.830  | 6.520  | 105.7E6  | 147.4E6  | 51.435   | 51.338     |
| 14)                         | MA Endrin       | 6.090  | 6.739  | 92529732 | 126.6E6  | 50.345   | 51.164     |
| 15)                         | B Endosulfa...  | 6.364  | 6.947  | 90772491 | 127.6E6  | 48.016   | 49.183     |
| 16)                         | A 4,4'-DDD      | 6.214  | 6.858  | 85629031 | 119.9E6  | 51.260   | 51.794     |
| 17)                         | MA 4,4'-DDT     | 6.458  | 7.157  | 92195273 | 121.6E6  | 51.373   | 51.355     |
| 18)                         | B Endrin al...  | 6.533  | 7.071  | 73413132 | 105.0E6  | 50.532   | 50.802     |
| 19)                         | B Endosulfa...  | 6.747  | 7.293  | 82177537 | 118.2E6  | 50.832   | 51.371     |
| 20)                         | A Methoxychlor  | 7.007  | 7.614  | 48766296 | 63920549 | 51.480   | 50.216     |
| 21)                         | B Endrin ke...  | 7.242  | 7.766  | 99207700 | 130.1E6  | 52.914   | 52.364     |
| 22)                         | Mirex           | 7.437  | 8.222  | 71461206 | 85461944 | 49.882   | 52.293     |
| 23)                         | Chlordane-1     | 4.415f | 0.000  | 5326121  | 0        | 86.645   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.519f | 0        | 163.1E6  | N.D.     | 1654.904 # |
| 25)                         | Chlordane-3     | 5.472  | 6.139  | 106.5E6  | 149.4E6  | 564.827  | 395.937 #  |
| 26)                         | Chlordane-4     | 5.531  | 6.212  | 105.2E6  | 148.5E6  | 688.930  | 332.448 #  |
| 27)                         | Chlordane-5     | 6.364  | 0.000  | 90772491 | 0        | 1254.358 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

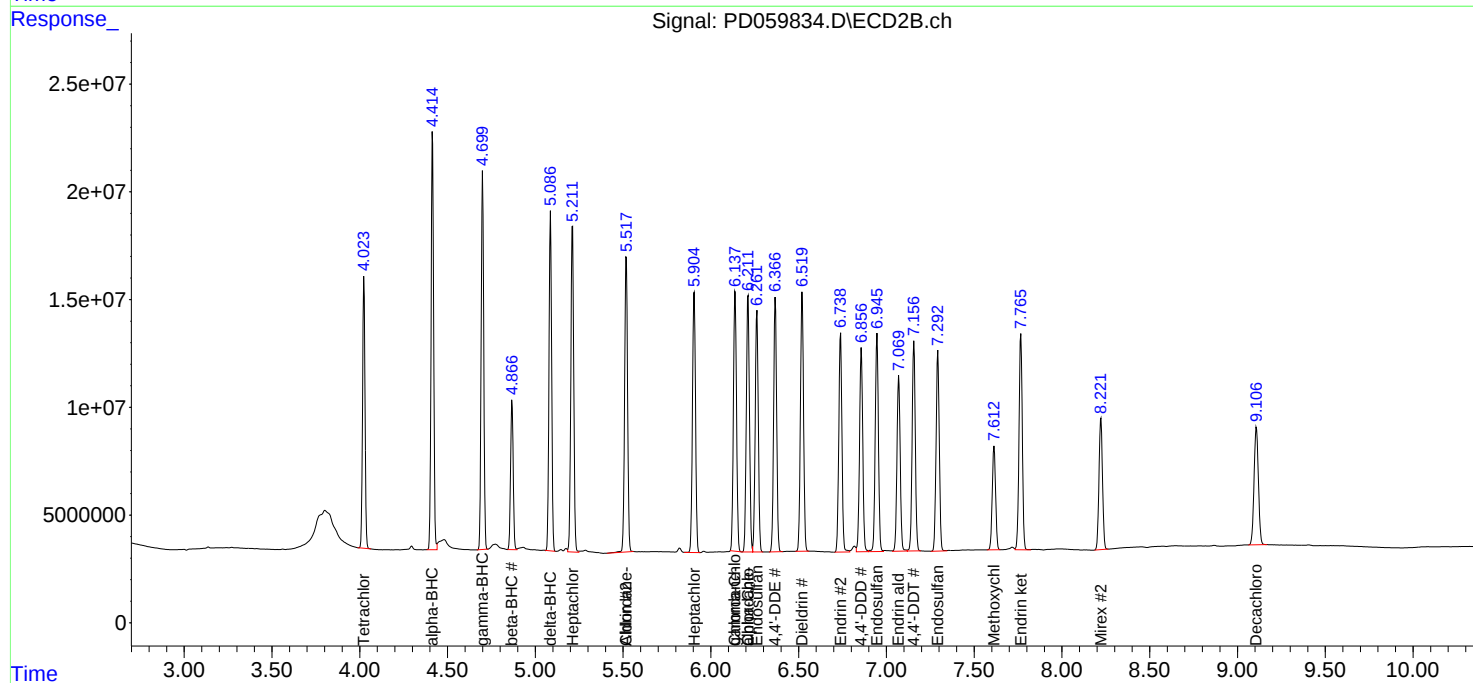
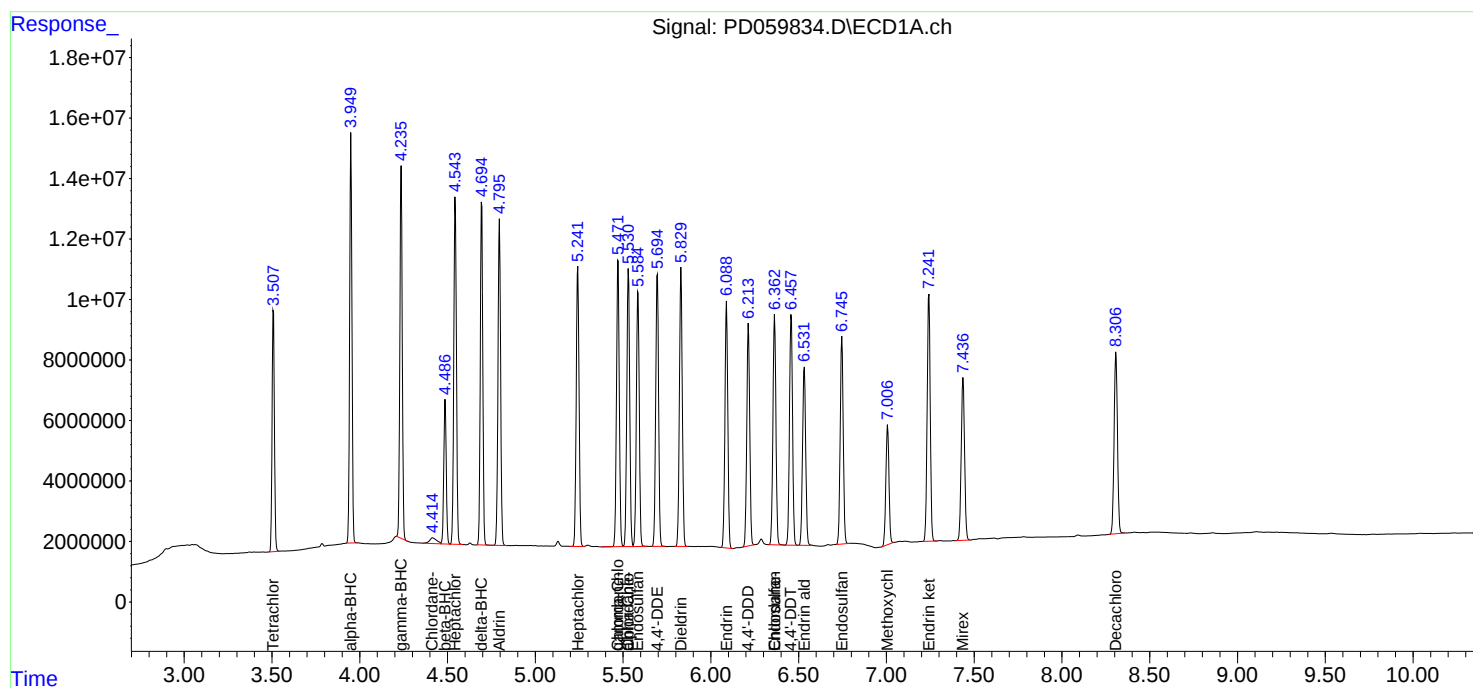
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

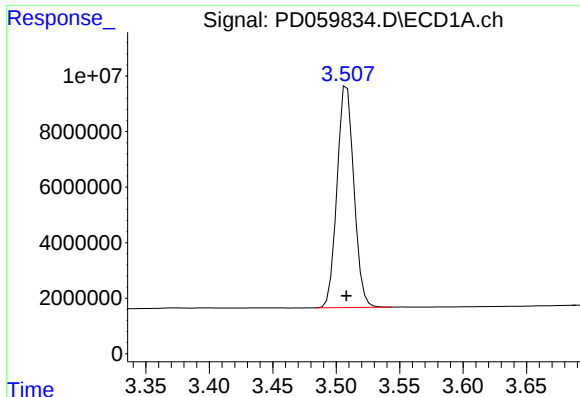
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
 Data File : PD059834.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 09:07  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 07:33:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:13:18 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

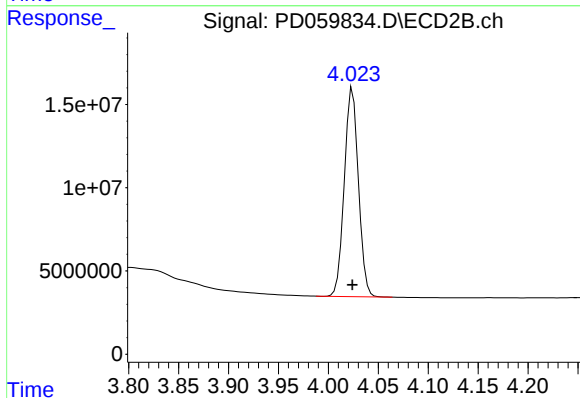




#1 Tetrachloro-m-xylene

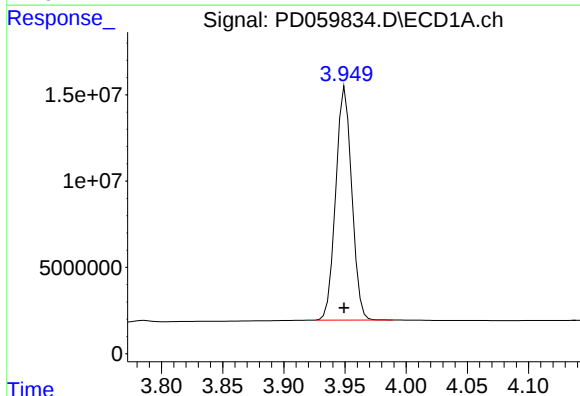
R.T.: 3.509 min  
Delta R.T.: 0.000 min  
Response: 73843864  
Conc: 49.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



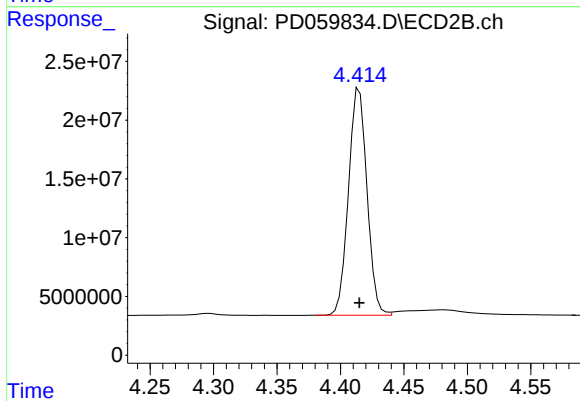
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 123218427  
Conc: 50.20 ng/ml



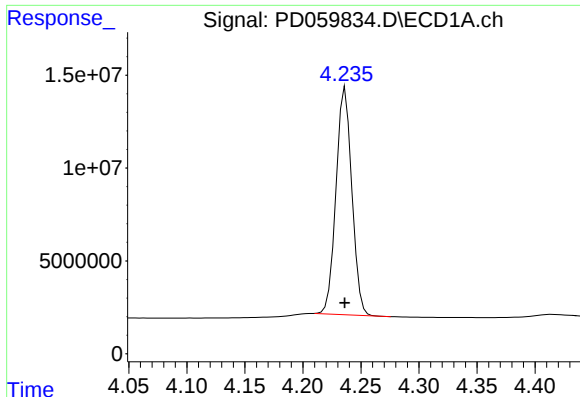
#2 alpha-BHC

R.T.: 3.950 min  
Delta R.T.: 0.001 min  
Response: 123180230  
Conc: 50.96 ng/ml



#2 alpha-BHC

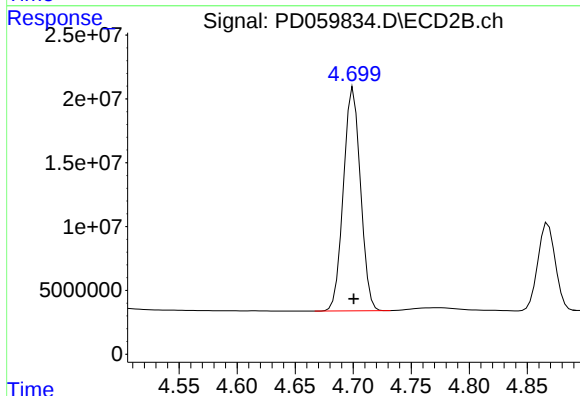
R.T.: 4.415 min  
Delta R.T.: 0.000 min  
Response: 196119382  
Conc: 51.19 ng/ml



#3 gamma-BHC (Lindane)

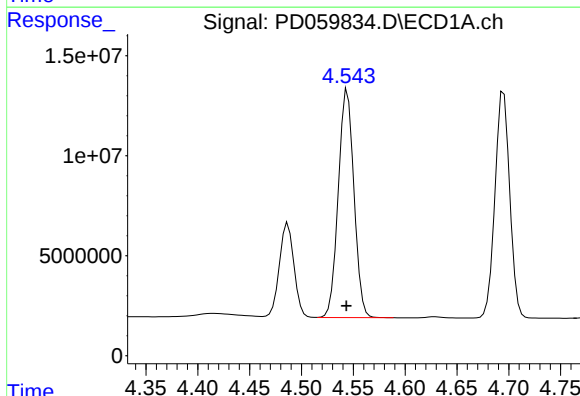
R.T.: 4.237 min  
Delta R.T.: 0.000 min  
Response: 116145492  
Conc: 50.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



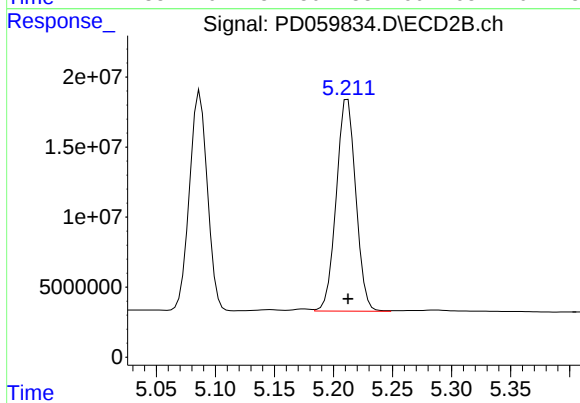
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 179041329  
Conc: 51.03 ng/ml



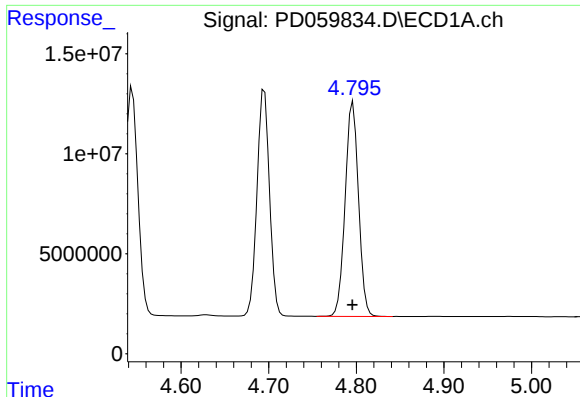
#4 Heptachlor

R.T.: 4.544 min  
Delta R.T.: 0.000 min  
Response: 119843989  
Conc: 50.51 ng/ml



#4 Heptachlor

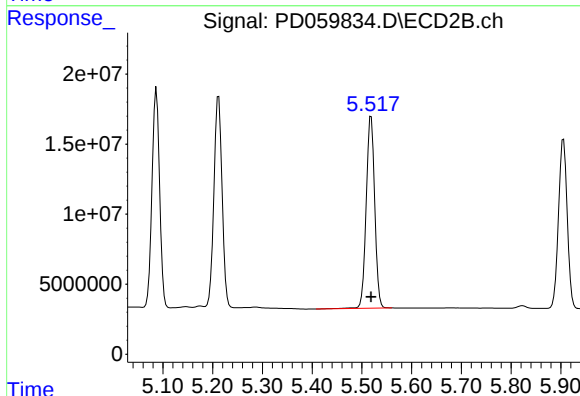
R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 174388779  
Conc: 51.14 ng/ml



#5 Aldrin

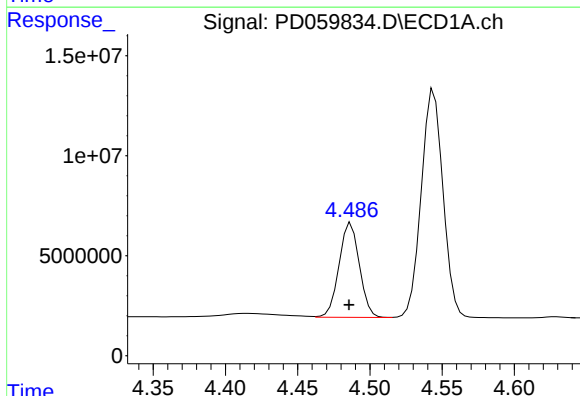
R.T.: 4.796 min  
Delta R.T.: 0.000 min  
Response: 113613651  
Conc: 50.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



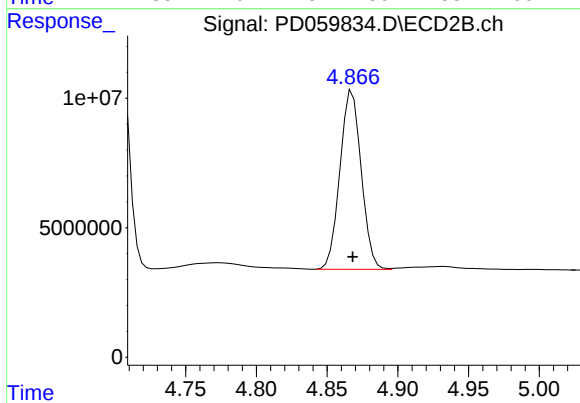
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 163084112  
Conc: 51.91 ng/ml



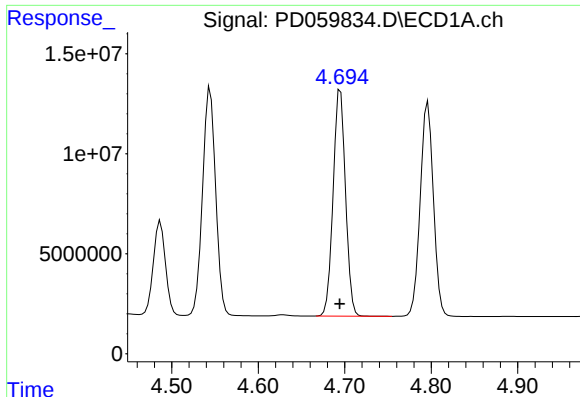
#6 beta-BHC

R.T.: 4.487 min  
Delta R.T.: 0.001 min  
Response: 46264025  
Conc: 49.21 ng/ml



#6 beta-BHC

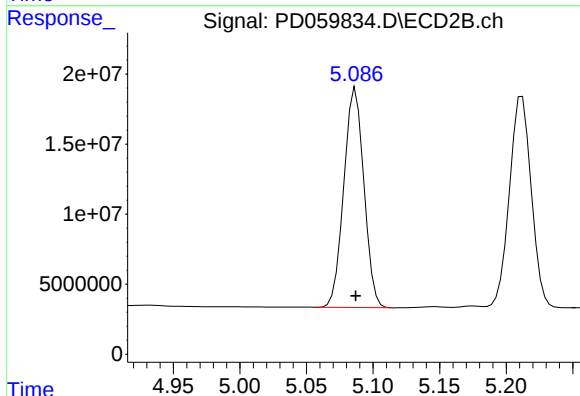
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 72412822  
Conc: 49.44 ng/ml



#7 delta-BHC

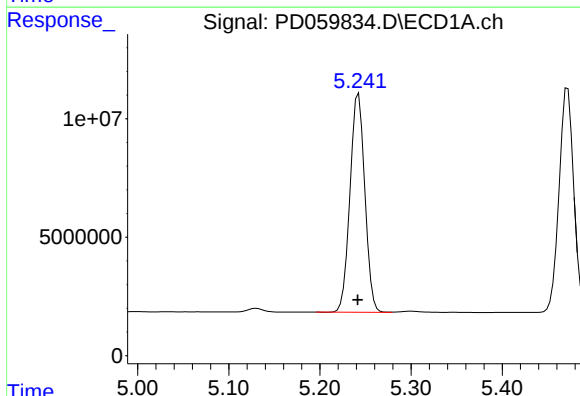
R.T.: 4.695 min  
Delta R.T.: 0.001 min  
Response: 112446309  
Conc: 50.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



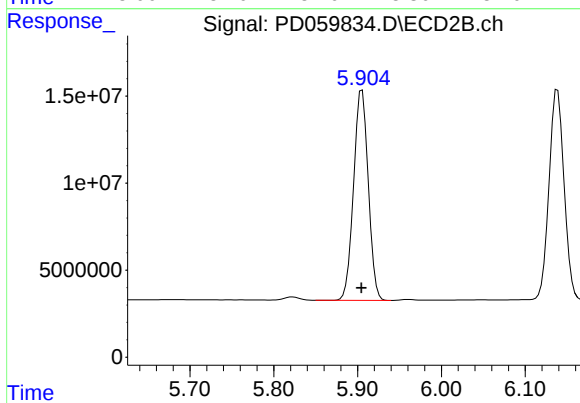
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 164616664  
Conc: 57.65 ng/ml



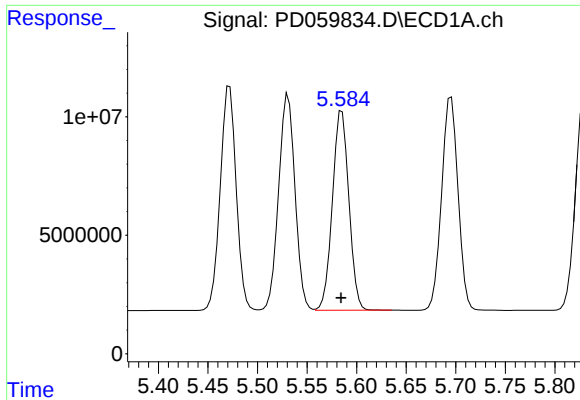
#8 Heptachlor epoxide

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 104266894  
Conc: 50.83 ng/ml



#8 Heptachlor epoxide

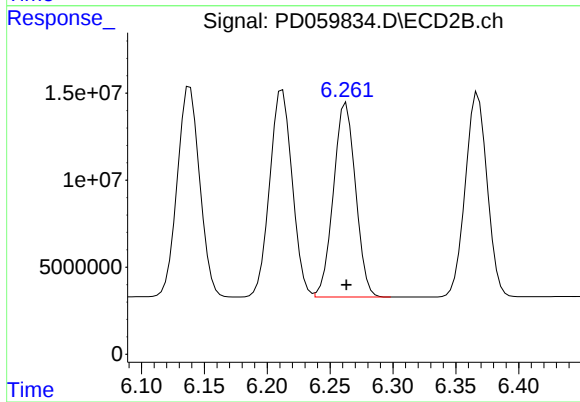
R.T.: 5.905 min  
Delta R.T.: 0.000 min  
Response: 147571504  
Conc: 53.76 ng/ml



#9 Endosulfan I

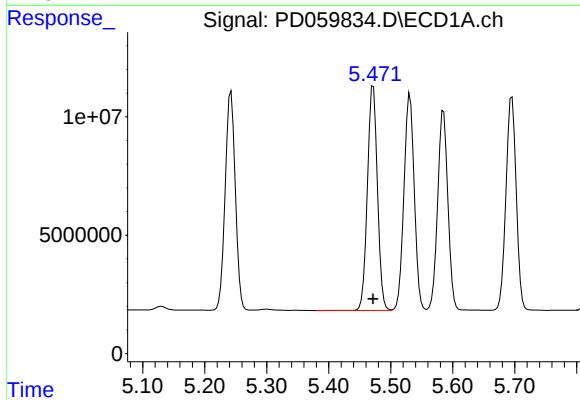
R.T.: 5.585 min  
Delta R.T.: 0.001 min  
Response: 97217812  
Conc: 51.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



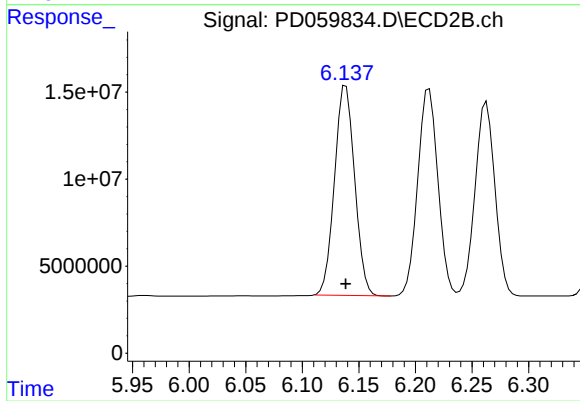
#9 Endosulfan I

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 136601649  
Conc: 51.17 ng/ml



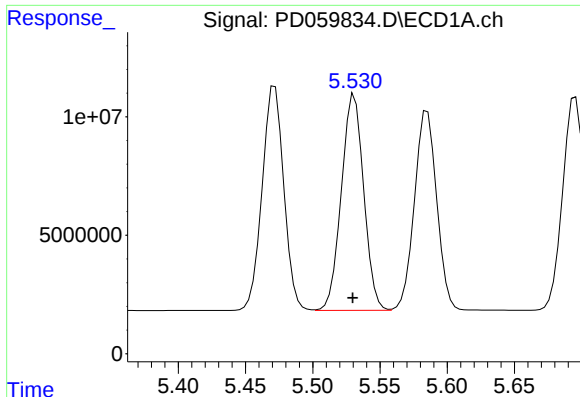
#10 gamma-Chlordane

R.T.: 5.472 min  
Delta R.T.: 0.000 min  
Response: 106497502  
Conc: 51.63 ng/ml



#10 gamma-Chlordane

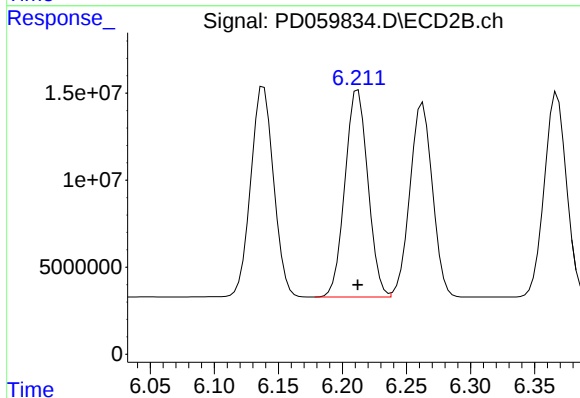
R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 149386502  
Conc: 51.11 ng/ml



#11 alpha-Chlordane

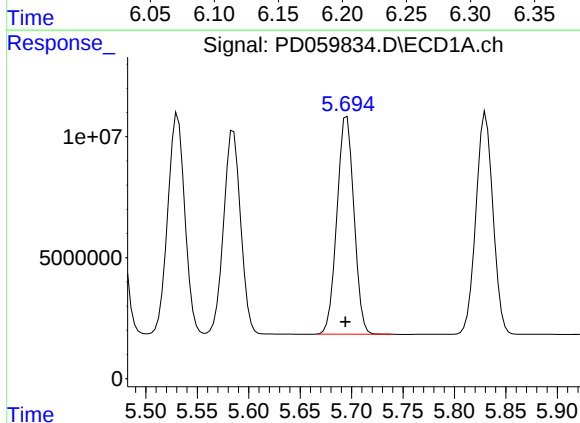
R.T.: 5.531 min  
Delta R.T.: 0.001 min  
Response: 105212186  
Conc: 51.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



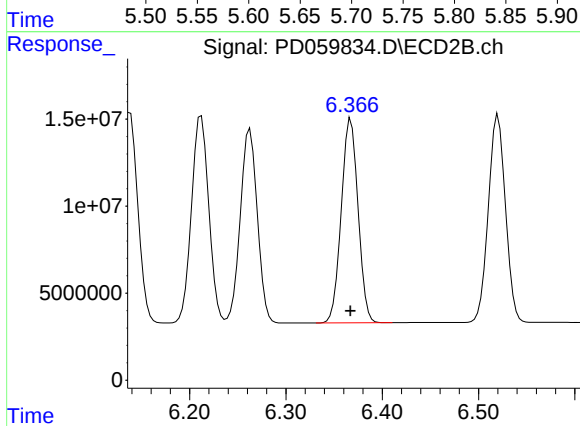
#11 alpha-Chlordane

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 148512284  
Conc: 51.09 ng/ml



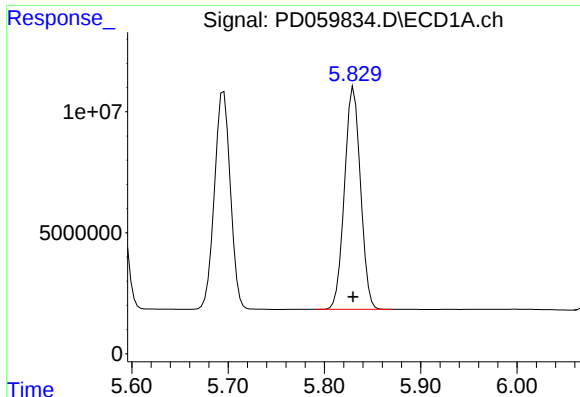
#12 4,4'-DDE

R.T.: 5.695 min  
Delta R.T.: 0.001 min  
Response: 103490795  
Conc: 51.07 ng/ml



#12 4,4'-DDE

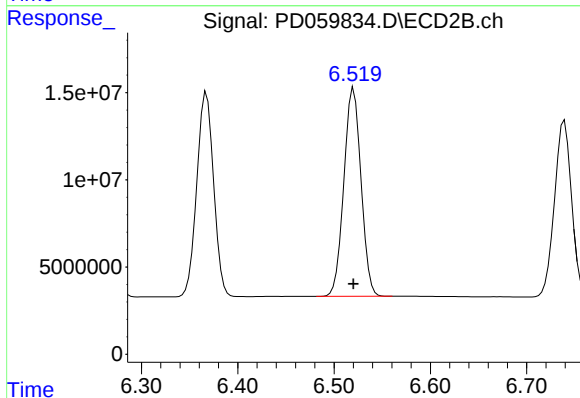
R.T.: 6.368 min  
Delta R.T.: 0.000 min  
Response: 141852544  
Conc: 51.72 ng/ml



#13 Dieldrin

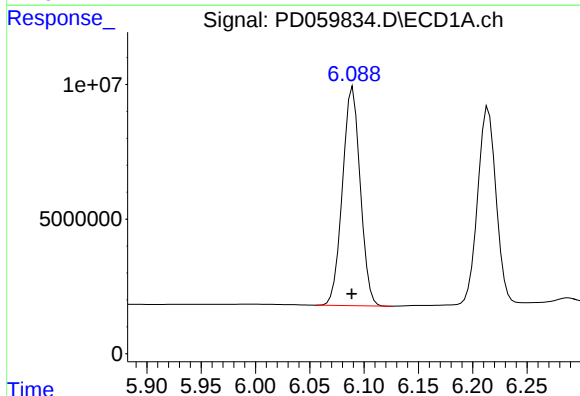
R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 105684019  
Conc: 51.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



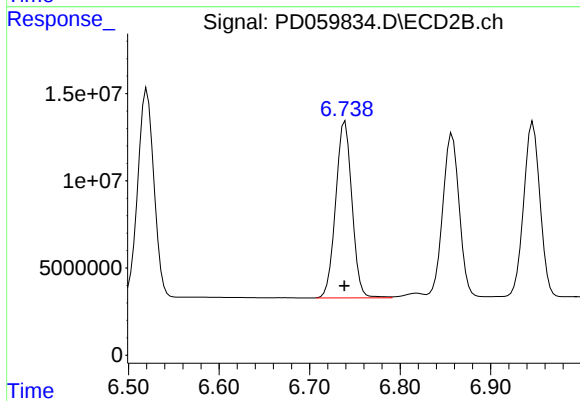
#13 Dieldrin

R.T.: 6.520 min  
Delta R.T.: 0.000 min  
Response: 147384294  
Conc: 51.34 ng/ml



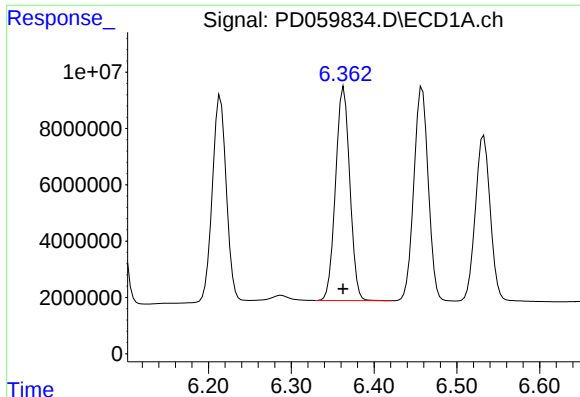
#14 Endrin

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 92529732  
Conc: 50.35 ng/ml



#14 Endrin

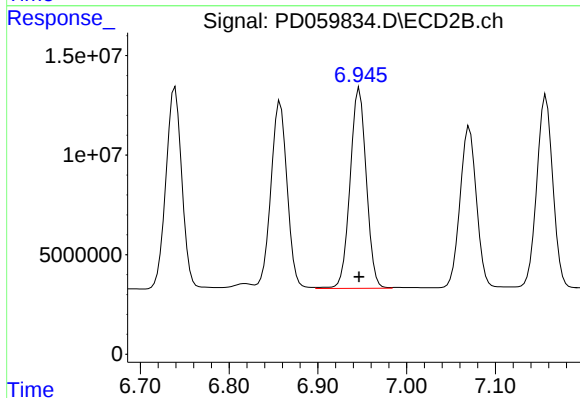
R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 126606572  
Conc: 51.16 ng/ml



#15 Endosulfan II

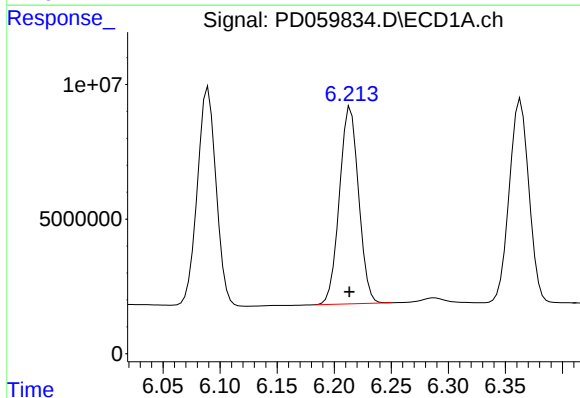
R.T.: 6.364 min  
Delta R.T.: 0.001 min  
Response: 90772491  
Conc: 48.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



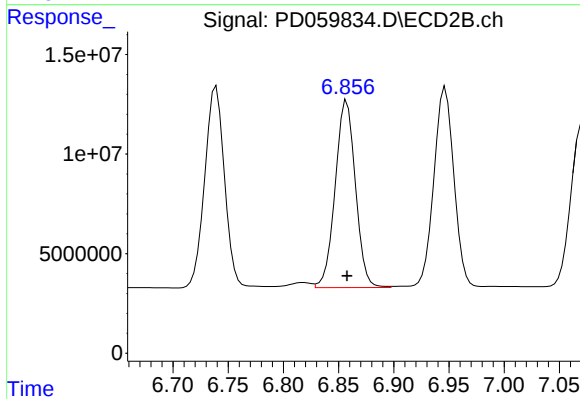
#15 Endosulfan II

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 127609950  
Conc: 49.18 ng/ml



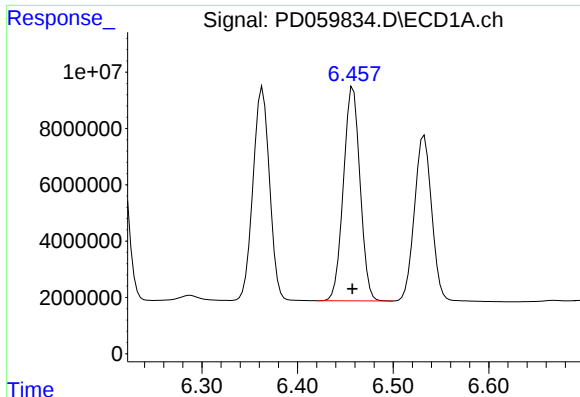
#16 4,4'-DDD

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 85629031  
Conc: 51.26 ng/ml



#16 4,4'-DDD

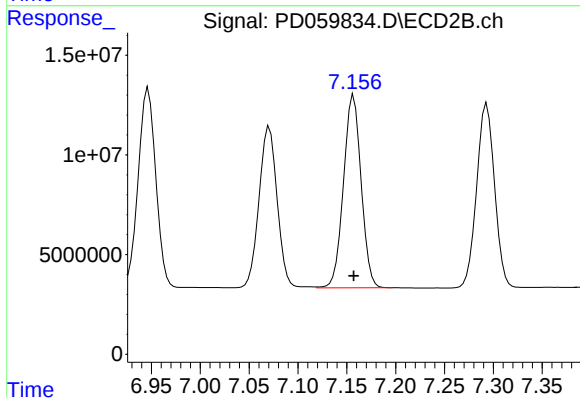
R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 119871353  
Conc: 51.79 ng/ml



#17 4,4'-DDT

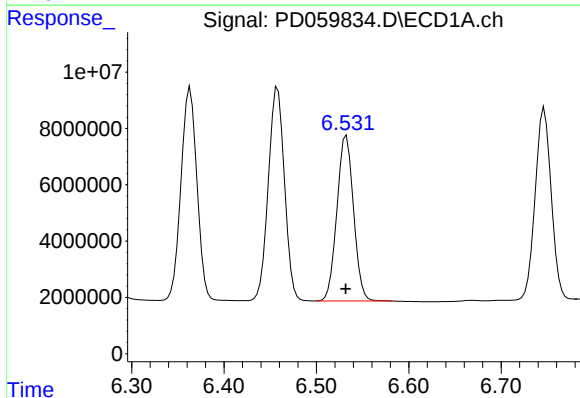
R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 92195273  
Conc: 51.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



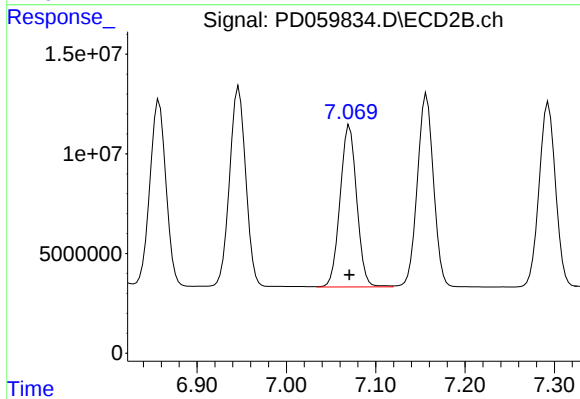
#17 4,4'-DDT

R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 121647298  
Conc: 51.36 ng/ml



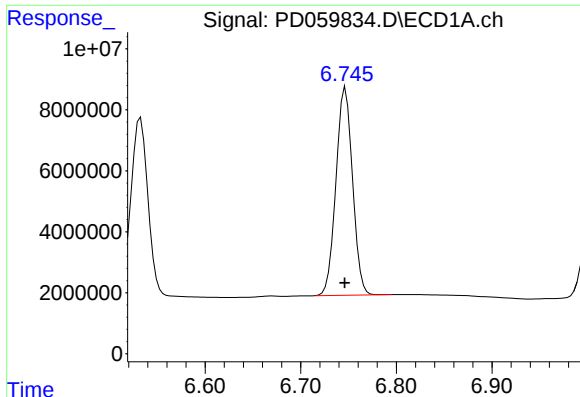
#18 Endrin aldehyde

R.T.: 6.533 min  
Delta R.T.: 0.000 min  
Response: 73413132  
Conc: 50.53 ng/ml



#18 Endrin aldehyde

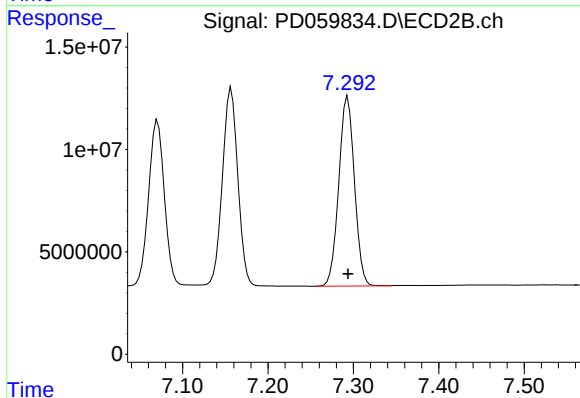
R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 105012277  
Conc: 50.80 ng/ml



#19 Endosulfan Sulfate

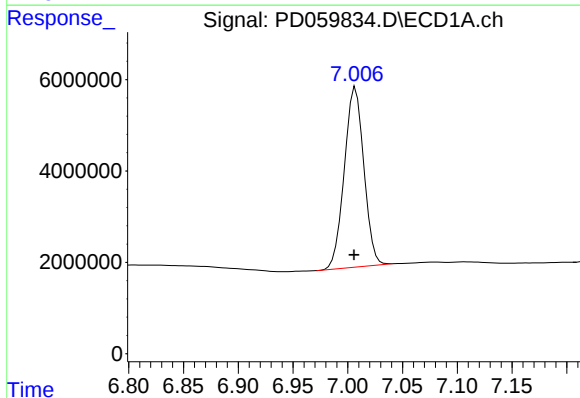
R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 82177537  
Conc: 50.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



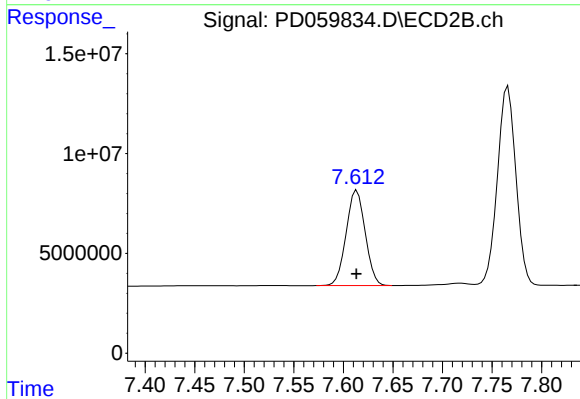
#19 Endosulfan Sulfate

R.T.: 7.293 min  
Delta R.T.: 0.000 min  
Response: 118160931  
Conc: 51.37 ng/ml



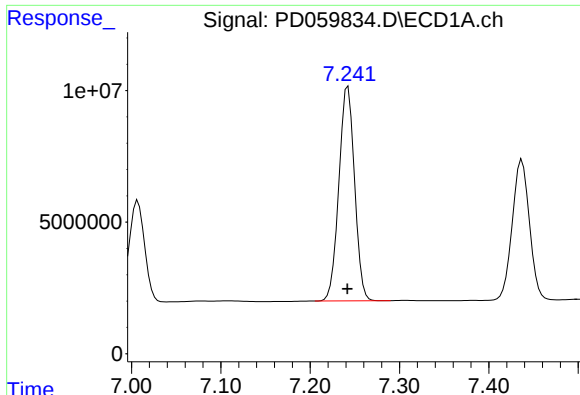
#20 Methoxychlor

R.T.: 7.007 min  
Delta R.T.: 0.001 min  
Response: 48766296  
Conc: 51.48 ng/ml



#20 Methoxychlor

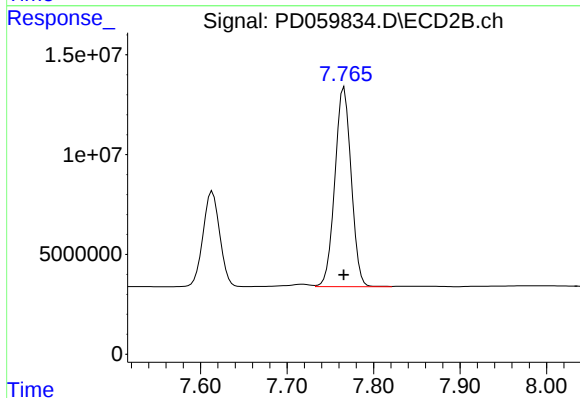
R.T.: 7.614 min  
Delta R.T.: 0.000 min  
Response: 63920549  
Conc: 50.22 ng/ml



#21 Endrin ketone

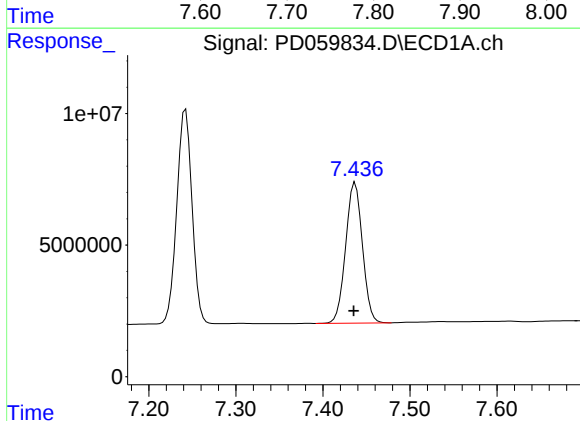
R.T.: 7.242 min  
Delta R.T.: 0.000 min  
Response: 99207700  
Conc: 52.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



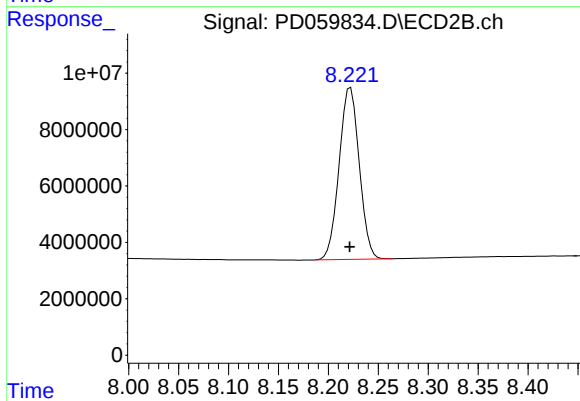
#21 Endrin ketone

R.T.: 7.766 min  
Delta R.T.: 0.000 min  
Response: 130118607  
Conc: 52.36 ng/ml



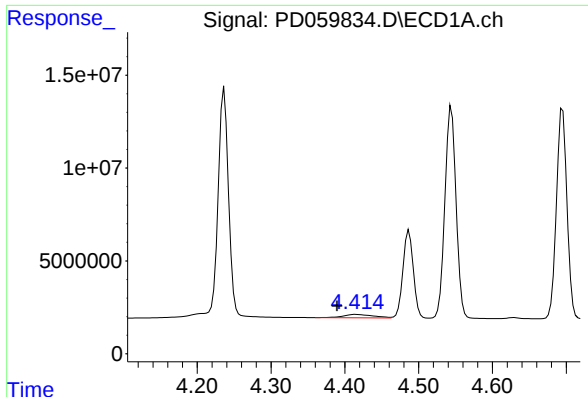
#22 Mirex

R.T.: 7.437 min  
Delta R.T.: 0.001 min  
Response: 71461206  
Conc: 49.88 ng/ml



#22 Mirex

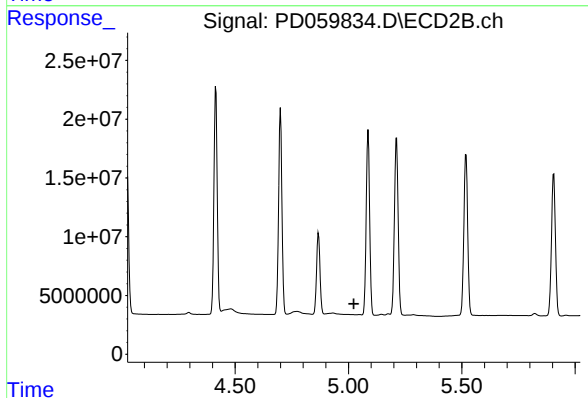
R.T.: 8.222 min  
Delta R.T.: 0.000 min  
Response: 85461944  
Conc: 52.29 ng/ml



#23 Chlordane-1

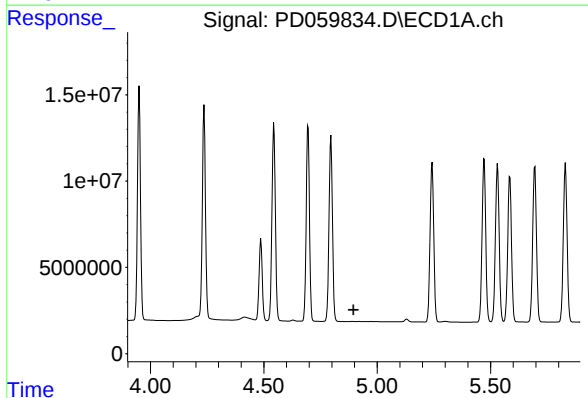
R.T.: 4.415 min  
Delta R.T.: 0.026 min  
Response: 5326121  
Conc: 86.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



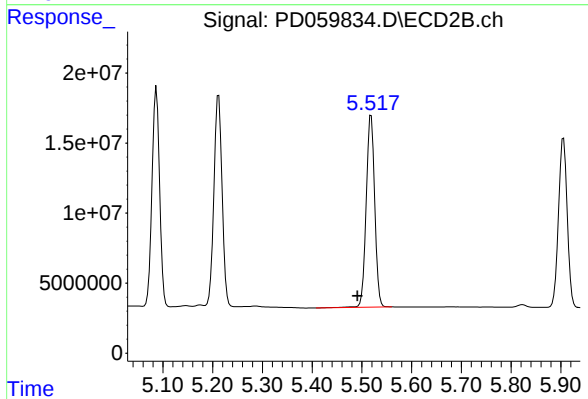
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



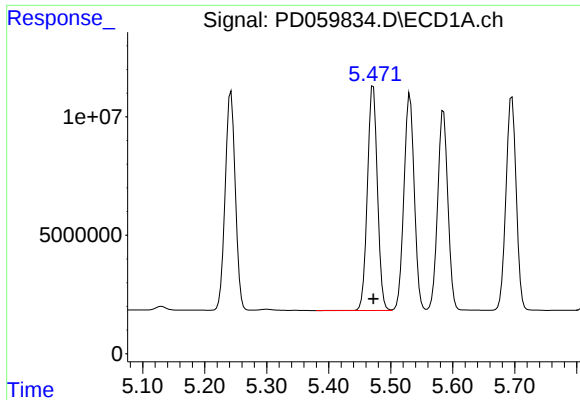
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.896 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

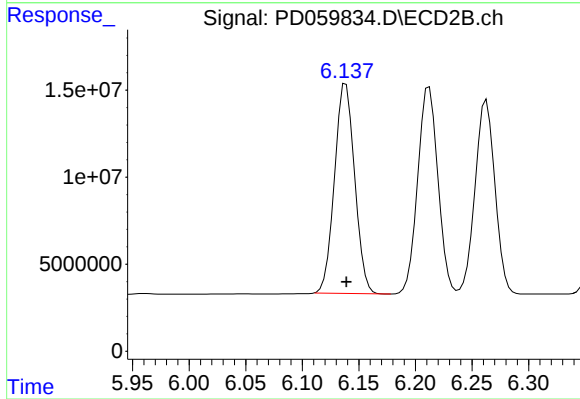
R.T.: 5.519 min  
Delta R.T.: 0.027 min  
Response: 163084112  
Conc: 1654.90 ng/ml



#25 Chlordane-3

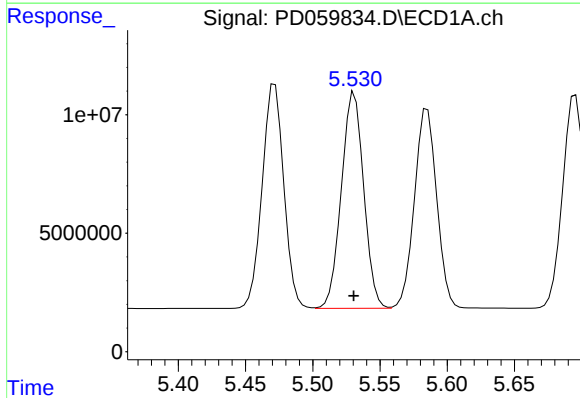
R.T.: 5.472 min  
Delta R.T.: 0.000 min  
Response: 106497502  
Conc: 564.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



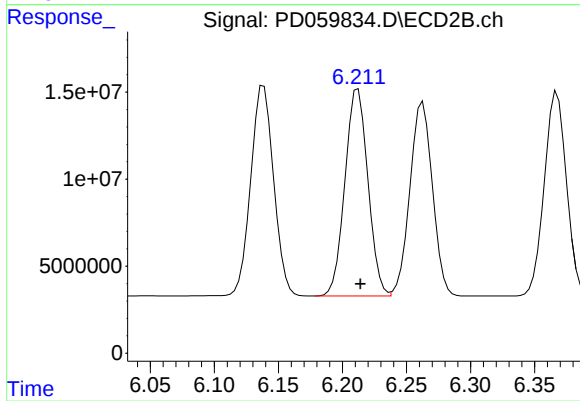
#25 Chlordane-3

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 149386502  
Conc: 395.94 ng/ml



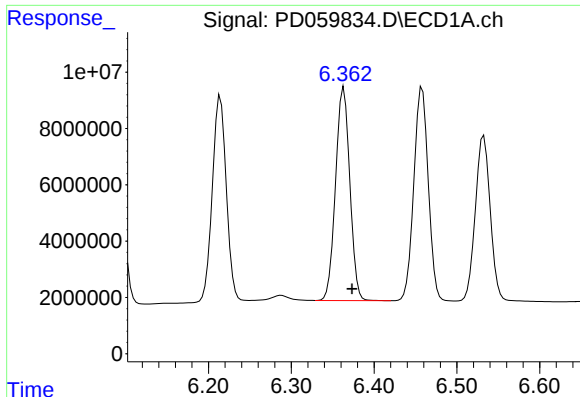
#26 Chlordane-4

R.T.: 5.531 min  
Delta R.T.: 0.000 min  
Response: 105212186  
Conc: 688.93 ng/ml



#26 Chlordane-4

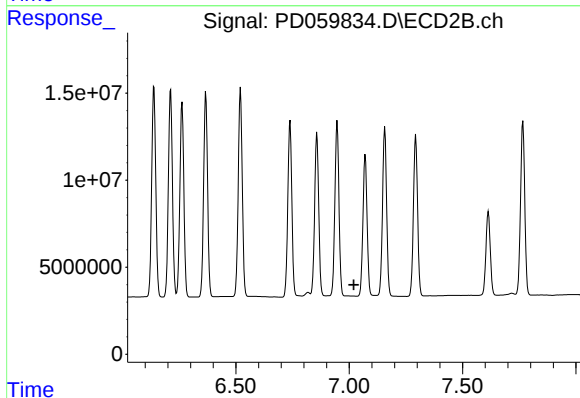
R.T.: 6.212 min  
Delta R.T.: -0.002 min  
Response: 148512284  
Conc: 332.45 ng/ml



#27 Chlordane-5

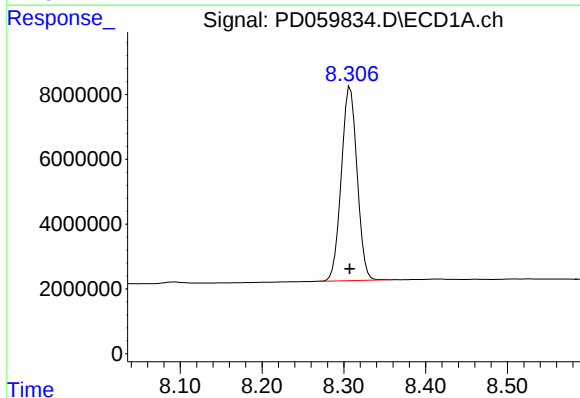
R.T.: 6.364 min  
Delta R.T.: -0.010 min  
Response: 90772491  
Conc: 1254.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



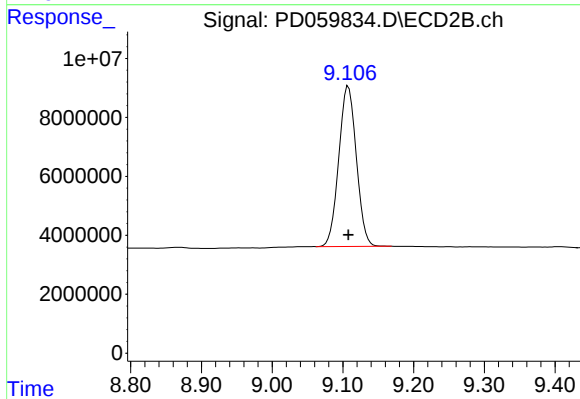
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.020 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.308 min  
Delta R.T.: 0.000 min  
Response: 79892465  
Conc: 51.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: 0.000 min  
Response: 93991744  
Conc: 51.90 ng/ml