

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071620\  
 Data File : PD058620.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 09:48  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 03:46:29 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 | 3.865 | 76594187 | 107.4E6  | 42.008 | 43.472 |
| 28)                         | SA Decachlor... | 7.843 | 8.858 | 77003485 | 91346079 | 42.641 | 41.896 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.632 | 4.248 | 126.4E6  | 172.2E6  | 44.155 | 45.676 |
| 3)                          | MA gamma-BHC... | 3.903 | 4.528 | 115.1E6  | 154.6E6  | 44.936 | 44.709 |
| 4)                          | MA Heptachlor   | 4.182 | 5.028 | 84313615 | 136.6E6  | 46.500 | 43.399 |
| 5)                          | MB Aldrin       | 4.416 | 5.328 | 102.7E6  | 139.5E6  | 43.115 | 43.976 |
| 6)                          | B beta-BHC      | 4.151 | 4.700 | 44241736 | 62126496 | 43.181 | 43.863 |
| 7)                          | B delta-BHC     | 4.342 | 4.911 | 113.8E6  | 127.3E6  | 44.876 | 41.394 |
| 8)                          | B Heptachlo...  | 4.849 | 5.712 | 90378971 | 128.3E6  | 46.053 | 44.088 |
| 9)                          | A Endosulfan I  | 5.175 | 6.064 | 87141581 | 117.3E6  | 43.977 | 44.499 |
| 10)                         | B gamma-Chl...  | 5.069 | 5.944 | 96106230 | 130.4E6  | 43.167 | 44.806 |
| 11)                         | B alpha-Chl...  | 5.125 | 6.016 | 95233219 | 127.5E6  | 43.009 | 44.328 |
| 12)                         | B 4,4'-DDE      | 5.294 | 6.176 | 93471123 | 122.4E6  | 43.310 | 44.534 |
| 13)                         | MA Dieldrin     | 5.413 | 6.319 | 86688667 | 126.3E6  | 48.613 | 44.229 |
| 14)                         | MA Endrin       | 5.664 | 6.534 | 75350500 | 106.3E6  | 52.909 | 49.954 |
| 15)                         | B Endosulfa...  | 5.938 | 6.744 | 81359800 | 108.6E6  | 45.089 | 44.015 |
| 16)                         | A 4,4'-DDD      | 5.801 | 6.663 | 62163848 | 100.6E6  | 47.524 | 43.623 |
| 17)                         | MA 4,4'-DDT     | 6.035 | 6.960 | 66966561 | 102.0E6  | 45.434 | 44.431 |
| 18)                         | B Endrin al...  | 6.105 | 6.867 | 64137776 | 91614806 | 46.050 | 42.841 |
| 19)                         | B Endosulfa...  | 6.315 | 7.090 | 74028024 | 101.5E6  | 46.521 | 44.247 |
| 20)                         | A Methoxychlor  | 6.583 | 7.419 | 28590083 | 54299646 | 48.529 | 45.169 |
| 21)                         | B Endrin ke...  | 6.795 | 7.556 | 86804799 | 116.5E6  | 47.184 | 42.788 |
| 22)                         | Mirex           | 6.965 | 8.006 | 66024476 | 83131345 | 43.833 | 43.088 |
| -----                       |                 |       |       |          |          |        |        |

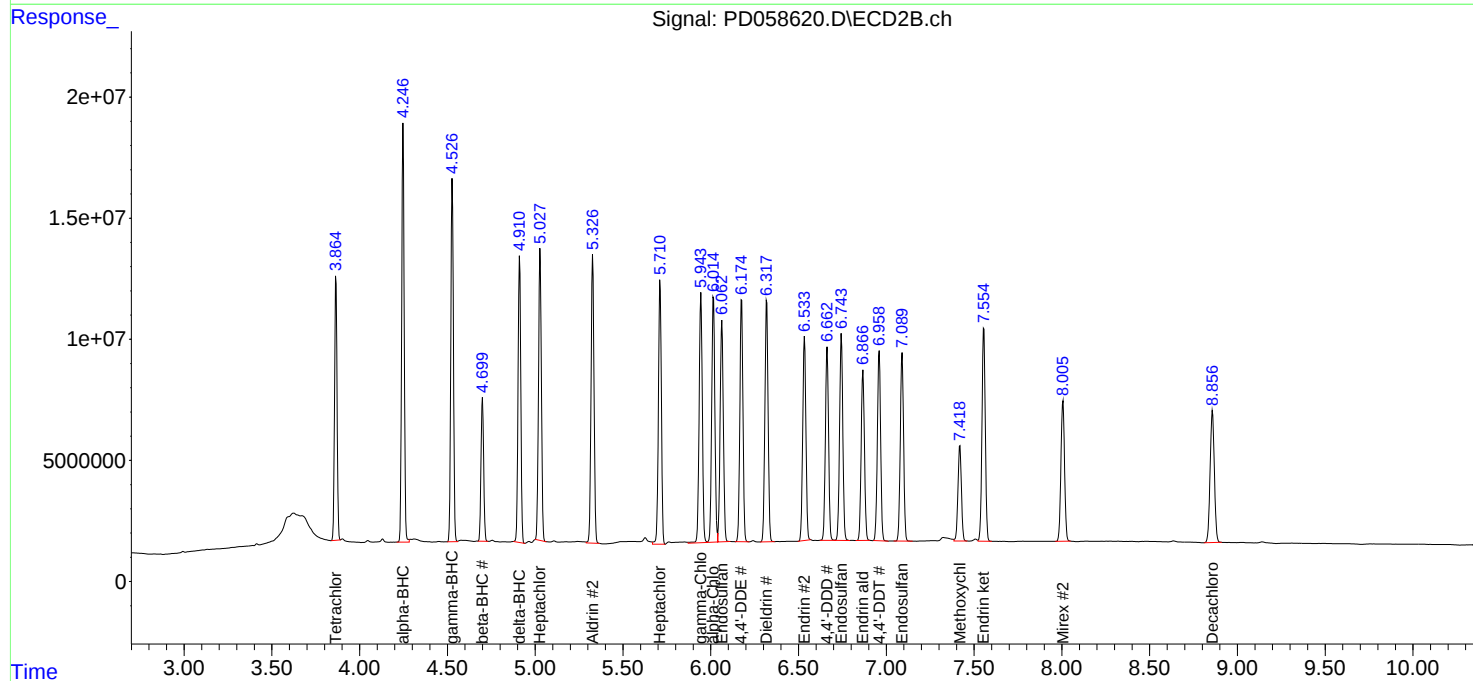
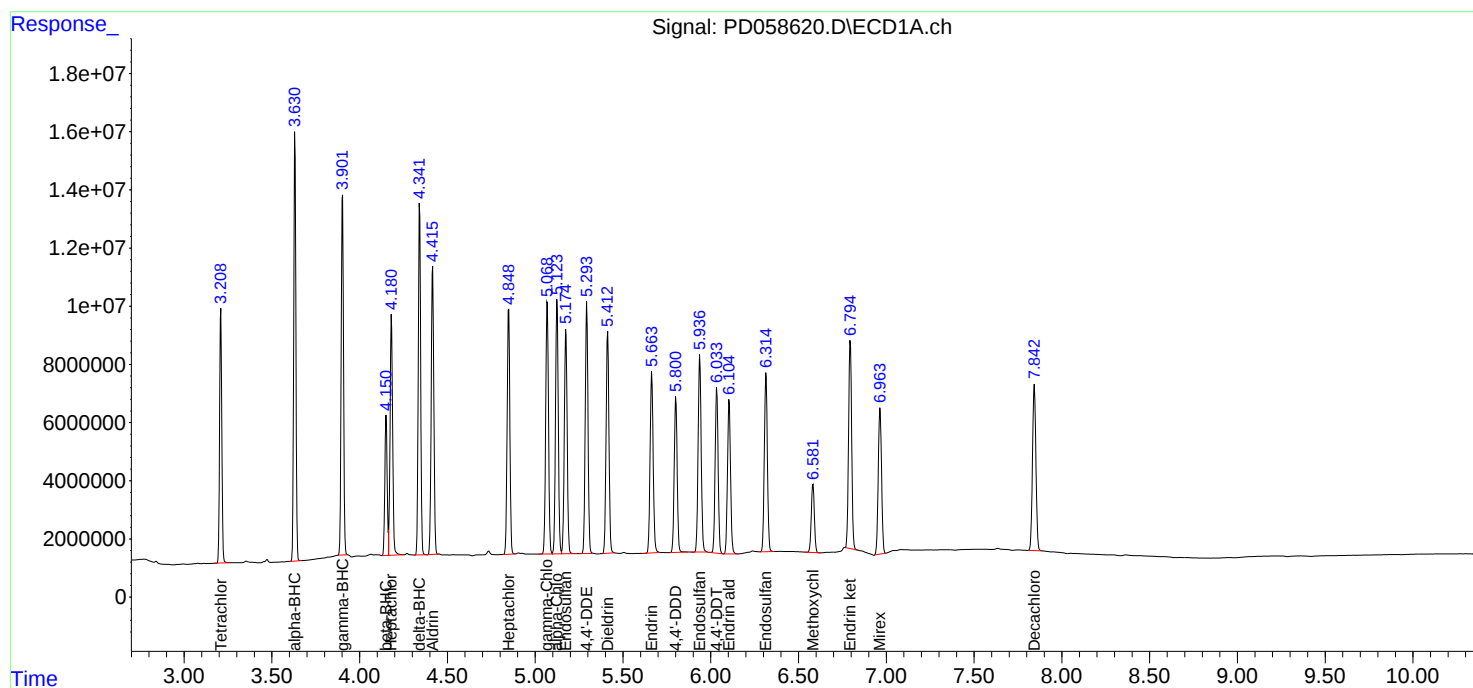
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

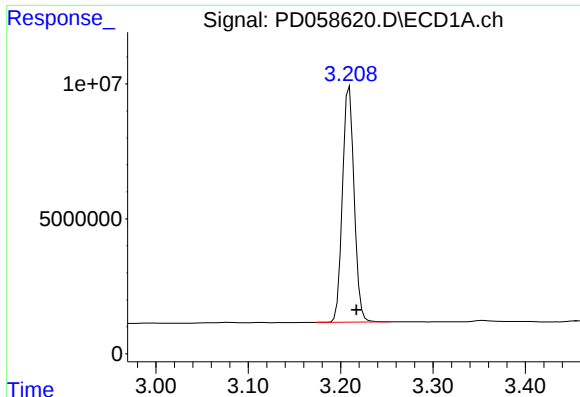
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071620\  
Data File : PD058620.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2020 09:48  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 03:46:29 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 08:01:25 2020  
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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

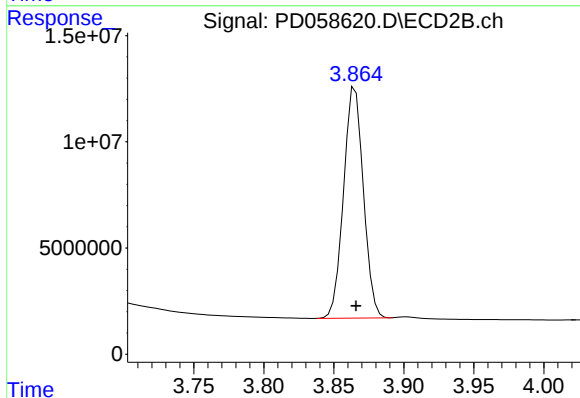




#1 Tetrachloro-m-xylene

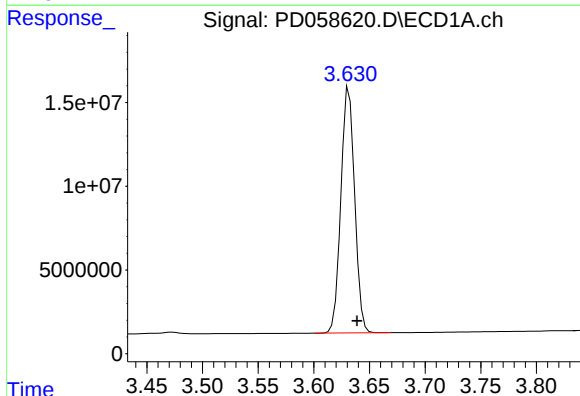
R.T.: 3.210 min  
Delta R.T.: -0.007 min  
Response: 76594187  
Conc: 42.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



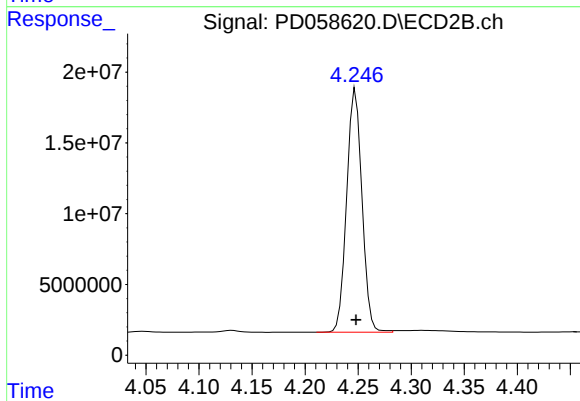
#1 Tetrachloro-m-xylene

R.T.: 3.865 min  
Delta R.T.: 0.000 min  
Response: 107408777  
Conc: 43.47 ng/ml



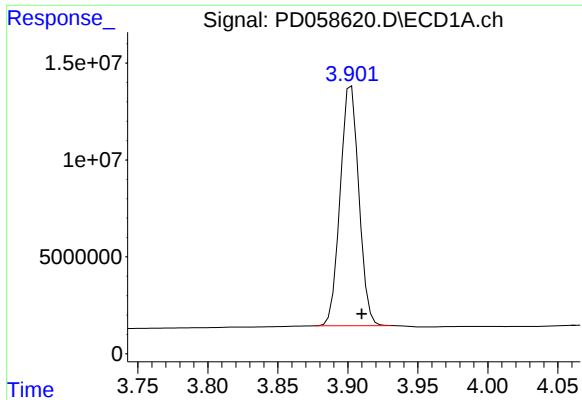
#2 alpha-BHC

R.T.: 3.632 min  
Delta R.T.: -0.007 min  
Response: 126420441  
Conc: 44.15 ng/ml



#2 alpha-BHC

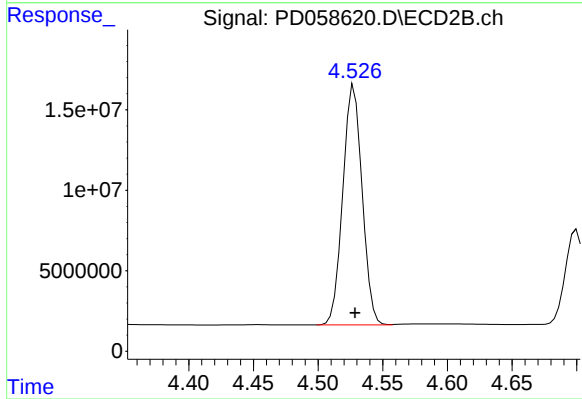
R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 172201479  
Conc: 45.68 ng/ml



#3 gamma-BHC (Lindane)

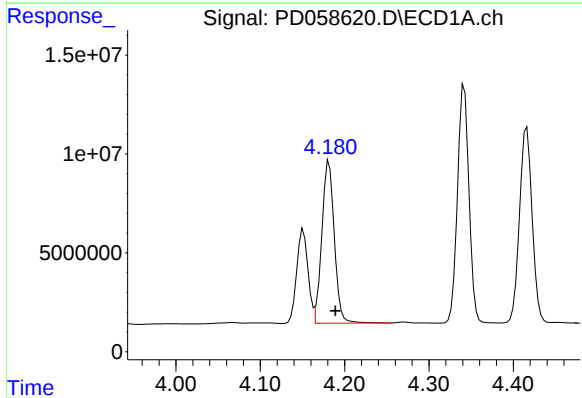
R.T.: 3.903 min  
Delta R.T.: -0.007 min  
Response: 115068239  
Conc: 44.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



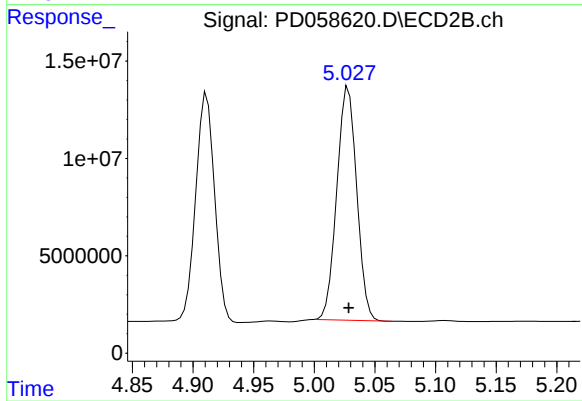
#3 gamma-BHC (Lindane)

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 154552180  
Conc: 44.71 ng/ml



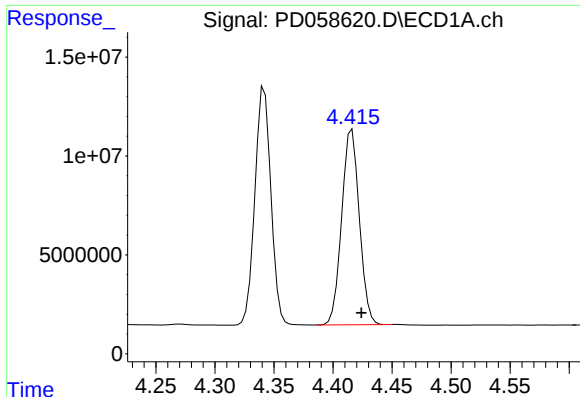
#4 Heptachlor

R.T.: 4.182 min  
Delta R.T.: -0.007 min  
Response: 84313615  
Conc: 46.50 ng/ml



#4 Heptachlor

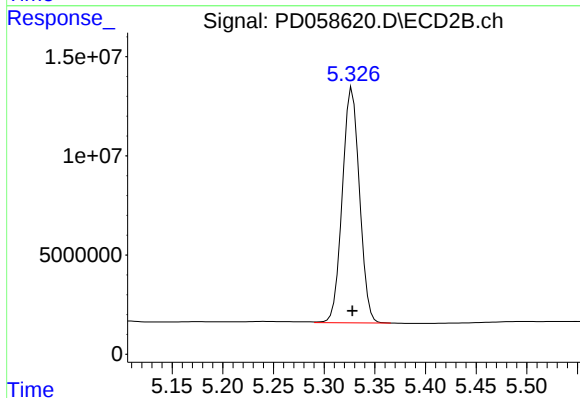
R.T.: 5.028 min  
Delta R.T.: 0.000 min  
Response: 136626194  
Conc: 43.40 ng/ml



#5 Aldrin

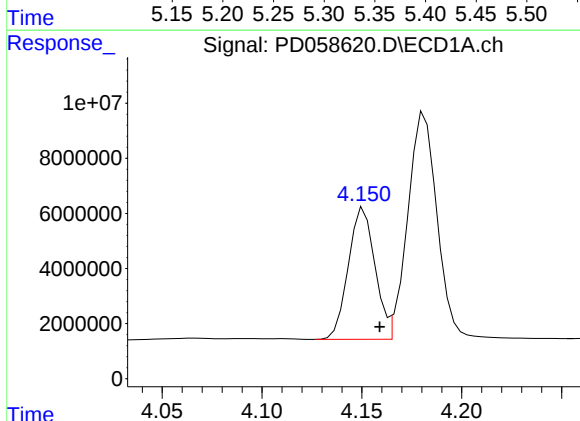
R.T.: 4.416 min  
Delta R.T.: -0.008 min  
Response: 102702107  
Conc: 43.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



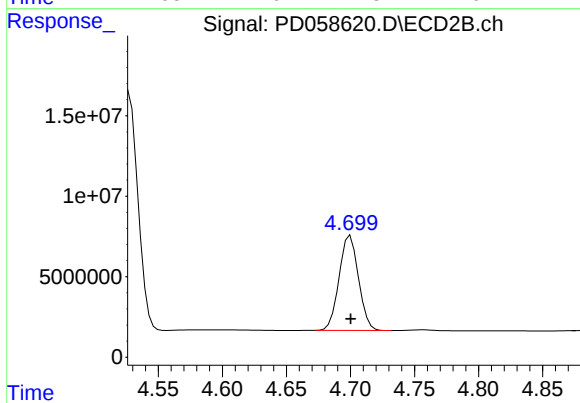
#5 Aldrin

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 139454347  
Conc: 43.98 ng/ml



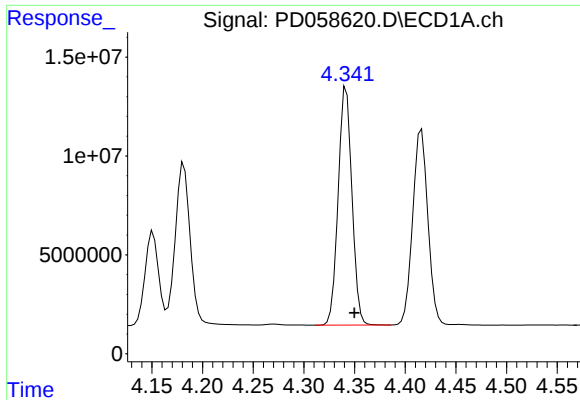
#6 beta-BHC

R.T.: 4.151 min  
Delta R.T.: -0.008 min  
Response: 44241736  
Conc: 43.18 ng/ml



#6 beta-BHC

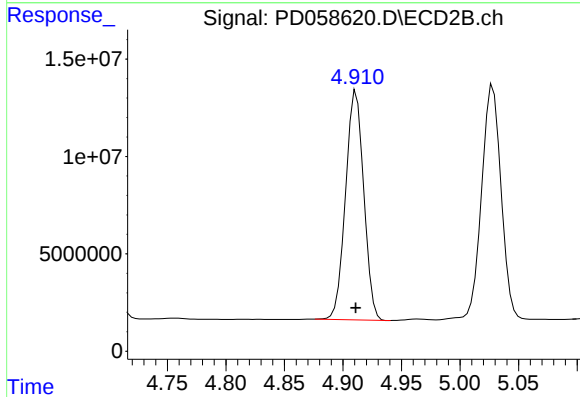
R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 62126496  
Conc: 43.86 ng/ml



#7 delta-BHC

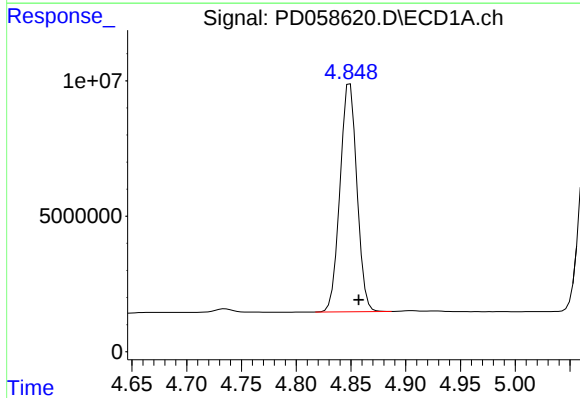
R.T.: 4.342 min  
Delta R.T.: -0.008 min  
Response: 113812904  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



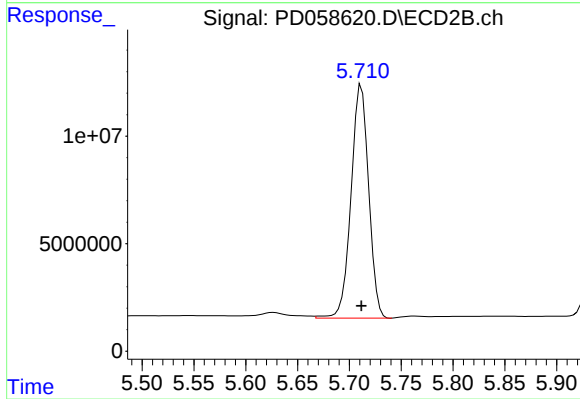
#7 delta-BHC

R.T.: 4.911 min  
Delta R.T.: 0.000 min  
Response: 127315668  
Conc: 41.39 ng/ml



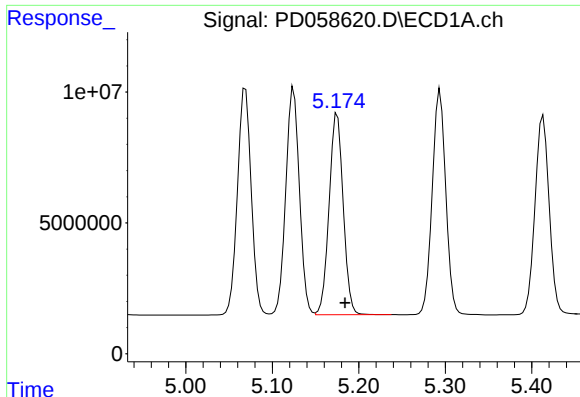
#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: -0.008 min  
Response: 90378971  
Conc: 46.05 ng/ml



#8 Heptachlor epoxide

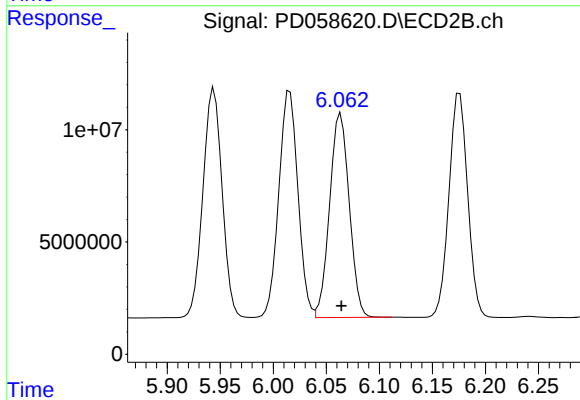
R.T.: 5.712 min  
Delta R.T.: 0.000 min  
Response: 128339335  
Conc: 44.09 ng/ml



#9 Endosulfan I

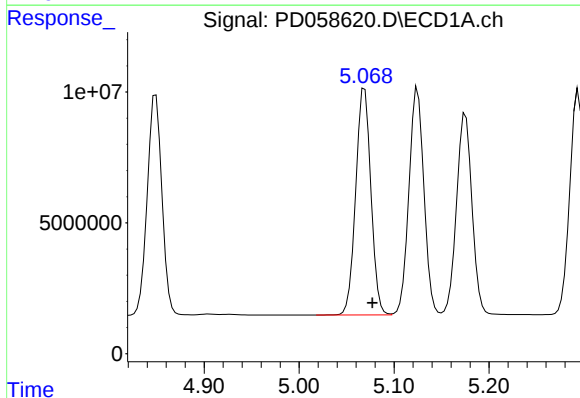
R.T.: 5.175 min  
Delta R.T.: -0.009 min  
Response: 87141581  
Conc: 43.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



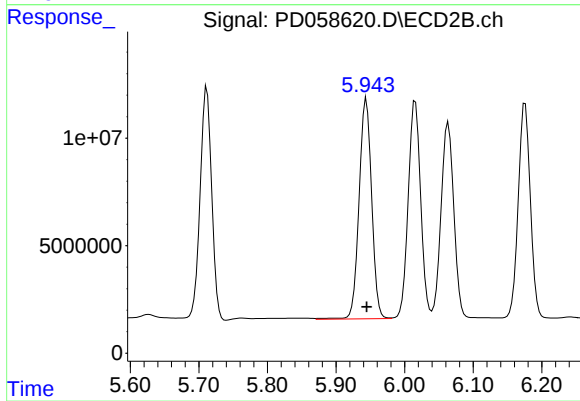
#9 Endosulfan I

R.T.: 6.064 min  
Delta R.T.: 0.000 min  
Response: 117324243  
Conc: 44.50 ng/ml



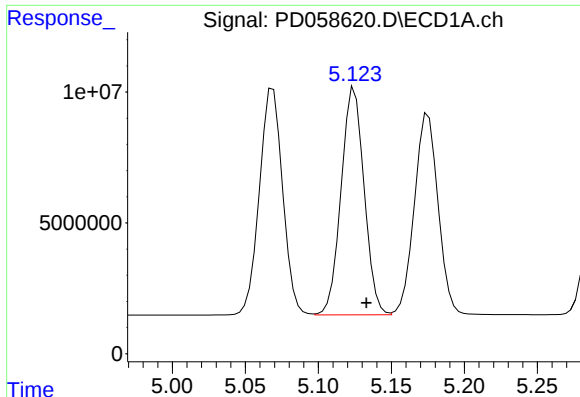
#10 gamma-Chlordane

R.T.: 5.069 min  
Delta R.T.: -0.008 min  
Response: 96106230  
Conc: 43.17 ng/ml



#10 gamma-Chlordane

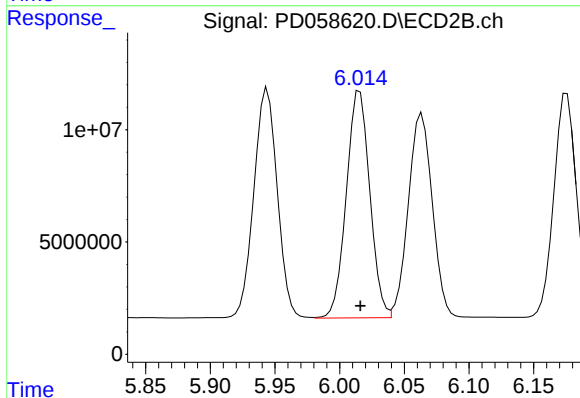
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 130386233  
Conc: 44.81 ng/ml



#11 alpha-Chlordane

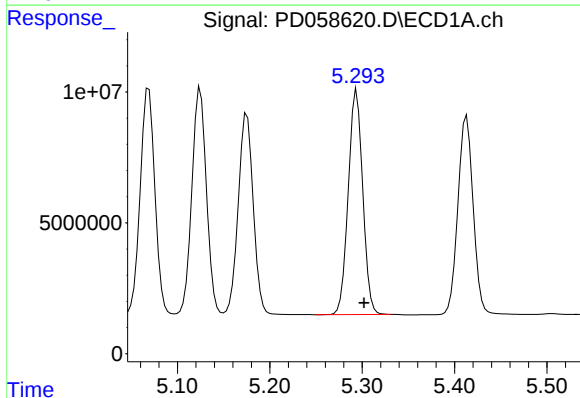
R.T.: 5.125 min  
Delta R.T.: -0.008 min  
Response: 95233219  
Conc: 43.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



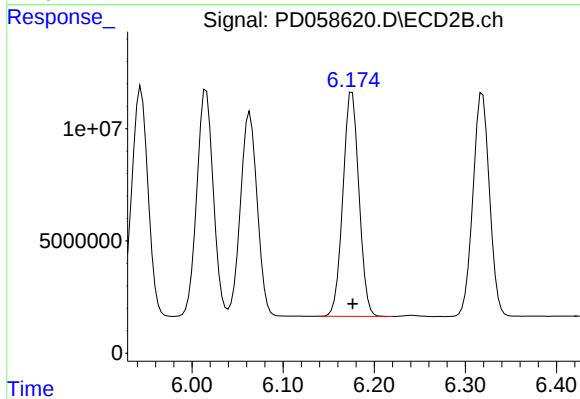
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 127486511  
Conc: 44.33 ng/ml



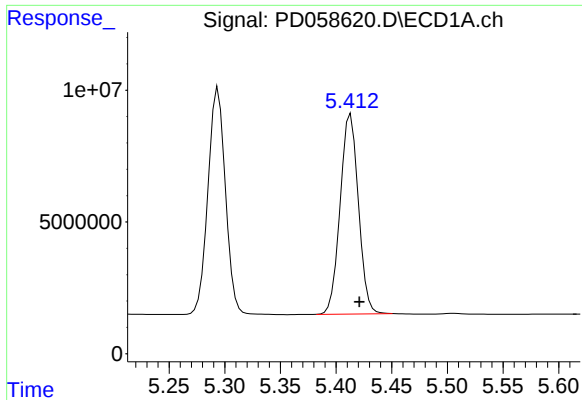
#12 4,4'-DDE

R.T.: 5.294 min  
Delta R.T.: -0.008 min  
Response: 93471123  
Conc: 43.31 ng/ml



#12 4,4'-DDE

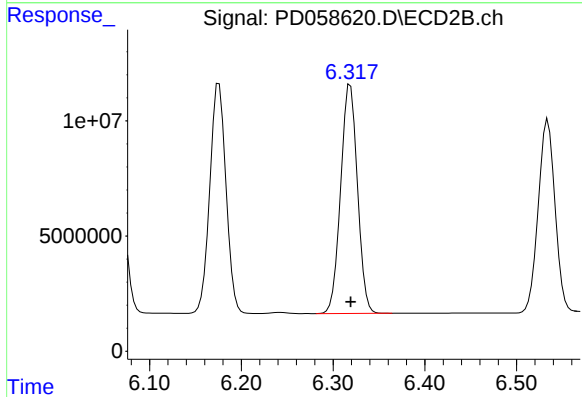
R.T.: 6.176 min  
Delta R.T.: 0.000 min  
Response: 122399818  
Conc: 44.53 ng/ml



#13 Dieldrin

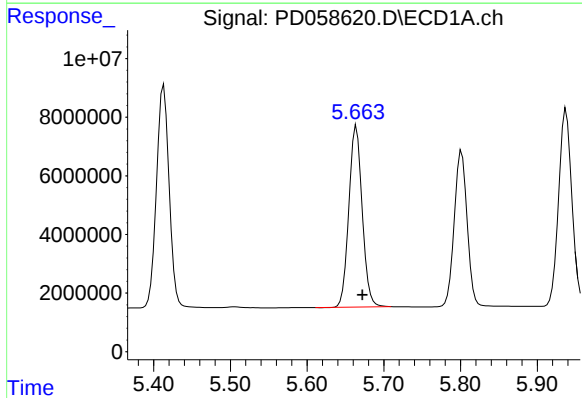
R.T.: 5.413 min  
Delta R.T.: -0.008 min  
Response: 86688667  
Conc: 48.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



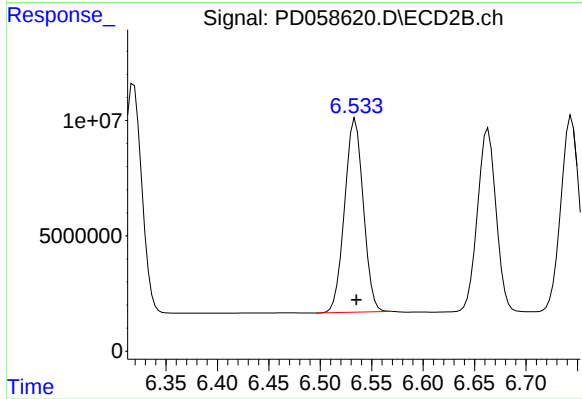
#13 Dieldrin

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 126349964  
Conc: 44.23 ng/ml



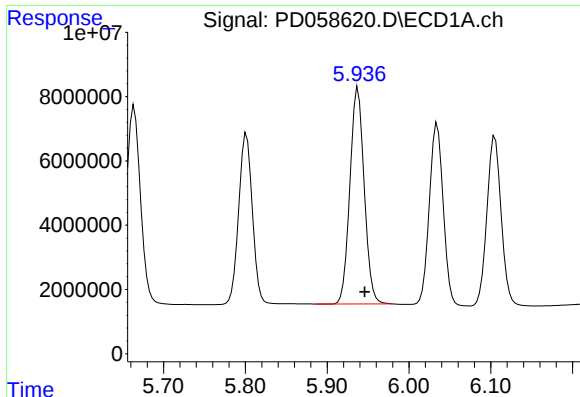
#14 Endrin

R.T.: 5.664 min  
Delta R.T.: -0.008 min  
Response: 75350500  
Conc: 52.91 ng/ml



#14 Endrin

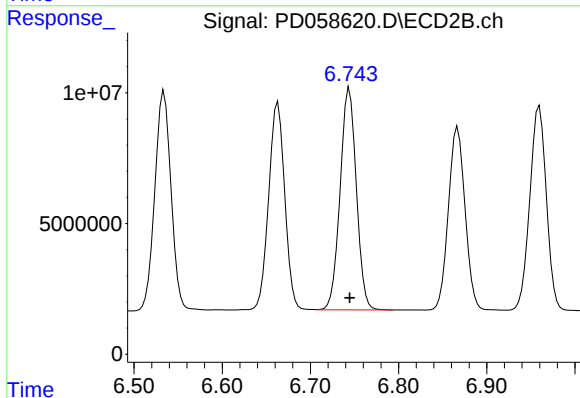
R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 106321462  
Conc: 49.95 ng/ml



#15 Endosulfan II

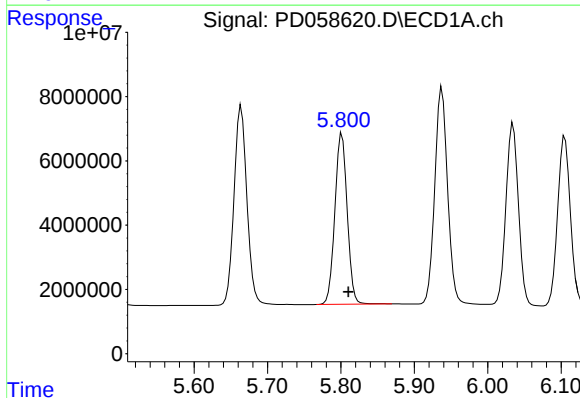
R.T.: 5.938 min  
Delta R.T.: -0.008 min  
Response: 81359800  
Conc: 45.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



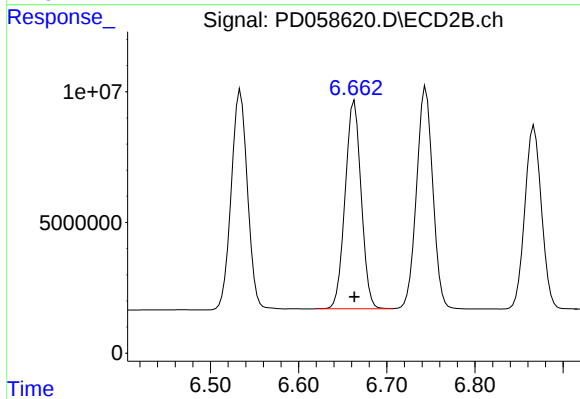
#15 Endosulfan II

R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 108618780  
Conc: 44.02 ng/ml



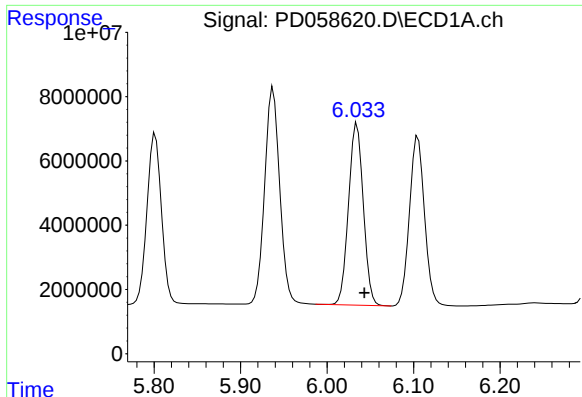
#16 4,4'-DDD

R.T.: 5.801 min  
Delta R.T.: -0.009 min  
Response: 62163848  
Conc: 47.52 ng/ml



#16 4,4'-DDD

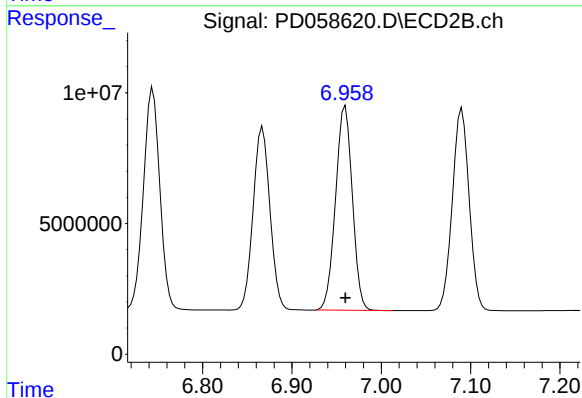
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 100577386  
Conc: 43.62 ng/ml



#17 4,4'-DDT

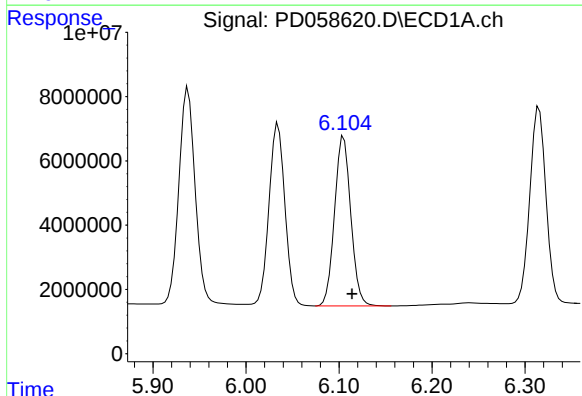
R.T.: 6.035 min  
Delta R.T.: -0.008 min  
Response: 66966561  
Conc: 45.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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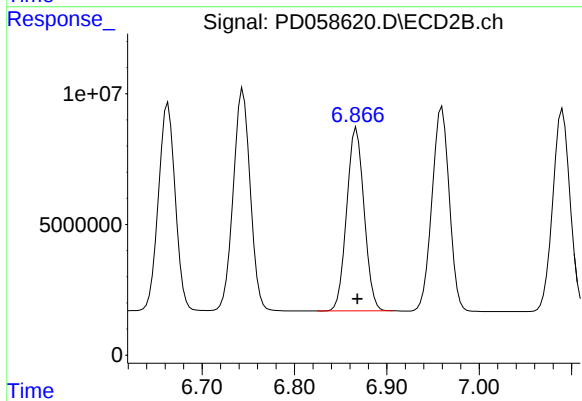
#17 4,4'-DDT

R.T.: 6.960 min  
Delta R.T.: 0.000 min  
Response: 101954849  
Conc: 44.43 ng/ml



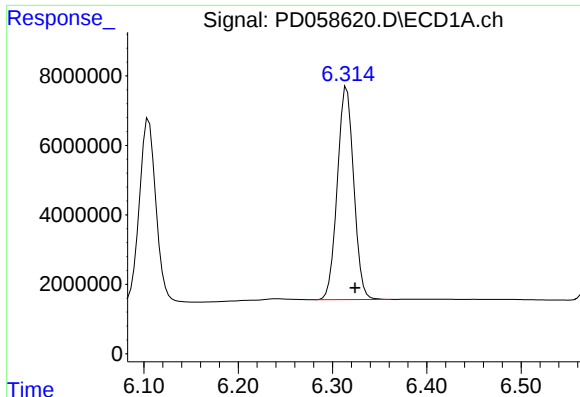
#18 Endrin aldehyde

R.T.: 6.105 min  
Delta R.T.: -0.009 min  
Response: 64137776  
Conc: 46.05 ng/ml



#18 Endrin aldehyde

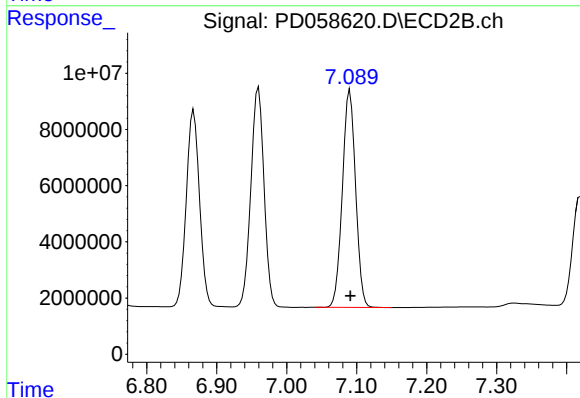
R.T.: 6.867 min  
Delta R.T.: -0.001 min  
Response: 91614806  
Conc: 42.84 ng/ml



#19 Endosulfan Sulfate

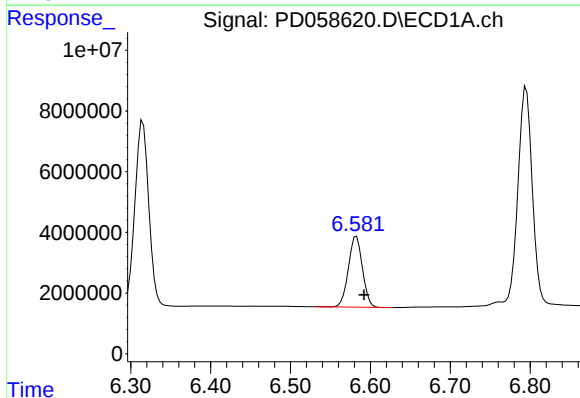
R.T.: 6.315 min  
Delta R.T.: -0.009 min  
Response: 74028024  
Conc: 46.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



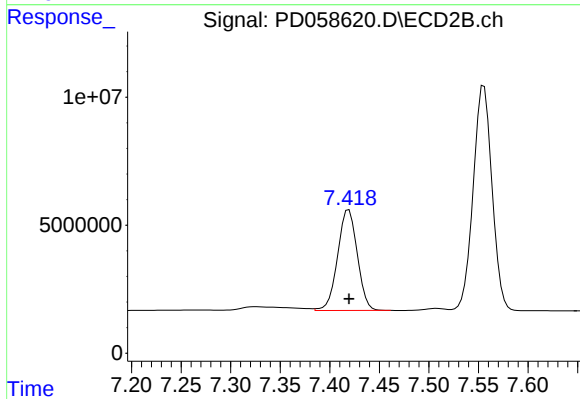
#19 Endosulfan Sulfate

R.T.: 7.090 min  
Delta R.T.: 0.000 min  
Response: 101452886  
Conc: 44.25 ng/ml



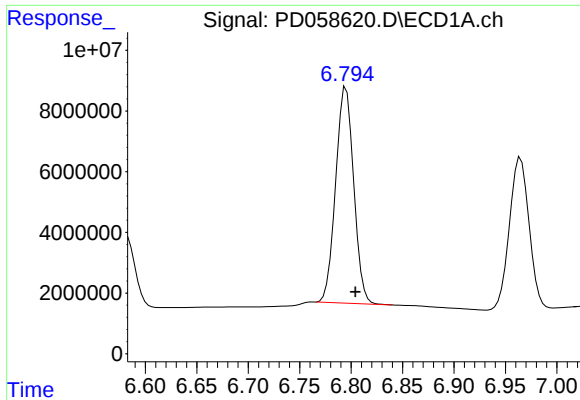
#20 Methoxychlor

R.T.: 6.583 min  
Delta R.T.: -0.009 min  
Response: 28590083  
Conc: 48.53 ng/ml



#20 Methoxychlor

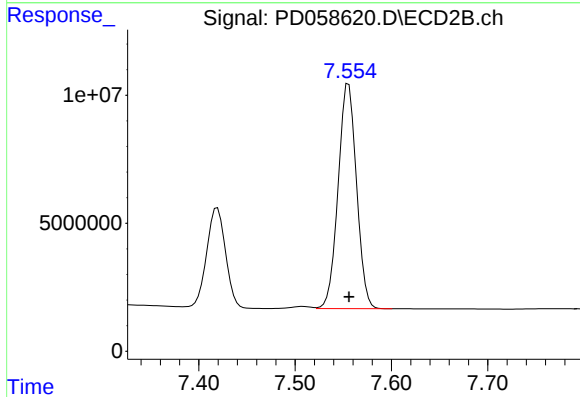
R.T.: 7.419 min  
Delta R.T.: 0.000 min  
Response: 54299646  
Conc: 45.17 ng/ml



#21 Endrin ketone

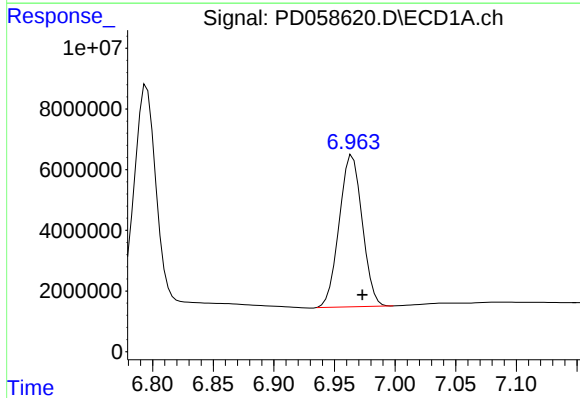
R.T.: 6.795 min  
Delta R.T.: -0.009 min  
Response: 86804799  
Conc: 47.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



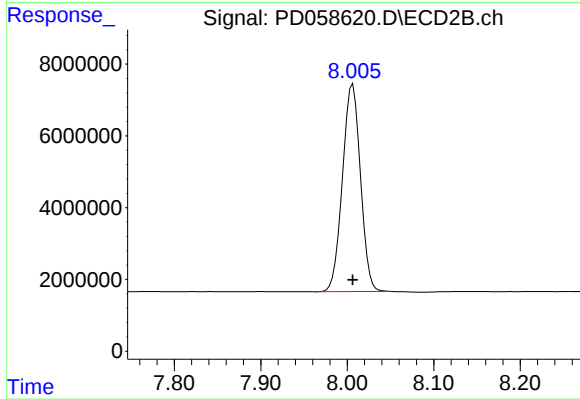
#21 Endrin ketone

R.T.: 7.556 min  
Delta R.T.: 0.000 min  
Response: 116455784  
Conc: 42.79 ng/ml



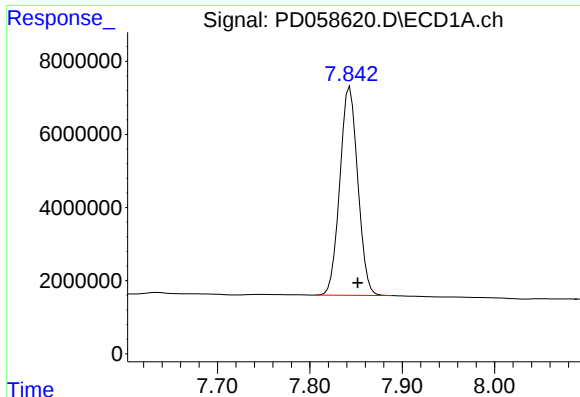
#22 Mirex

R.T.: 6.965 min  
Delta R.T.: -0.008 min  
Response: 66024476  
Conc: 43.83 ng/ml



#22 Mirex

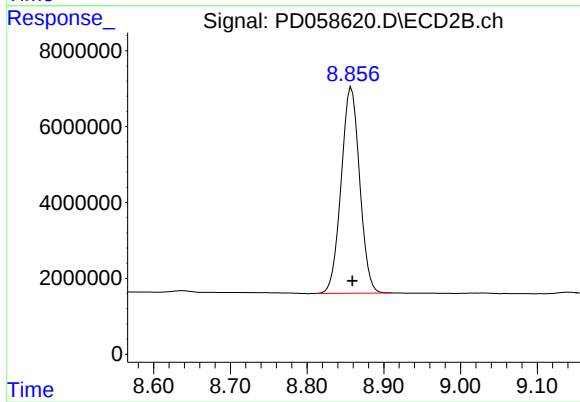
R.T.: 8.006 min  
Delta R.T.: 0.000 min  
Response: 83131345  
Conc: 43.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.843 min  
Delta R.T.: -0.009 min  
Response: 77003485  
Conc: 42.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: -0.001 min  
Response: 91346079  
Conc: 41.90 ng/ml