

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072820\  
 Data File : PD058745.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2020 14:51  
 Operator : AJ\MA  
 Sample : PB130539BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB130539BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 04:33:20 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... | 3.208 | 3.866 | 27496205 | 40434952 | 15.080 | 16.365 |
| 28)                         | SA Decachlor... | 7.845 | 8.862 | 30709602 | 40937413 | 17.006 | 18.776 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.631 | 4.248 | 116.6E6  | 163.4E6  | 40.721 | 43.345 |
| 3)                          | MA gamma-BHC... | 3.902 | 4.529 | 105.6E6  | 148.0E6  | 41.219 | 42.817 |
| 4)                          | MA Heptachlor   | 4.181 | 5.029 | 88409659 | 140.0E6  | 48.759 | 44.470 |
| 5)                          | MB Aldrin       | 4.416 | 5.329 | 96691889 | 137.3E6  | 40.592 | 43.292 |
| 6)                          | B beta-BHC      | 4.151 | 4.701 | 43861382 | 63355260 | 42.809 | 44.730 |
| 7)                          | B delta-BHC     | 4.342 | 4.913 | 108.7E6  | 139.4E6  | 42.864 | 45.329 |
| 8)                          | B Heptachlo...  | 4.849 | 5.713 | 87337671 | 125.2E6  | 44.503 | 43.012 |
| 9)                          | A Endosulfan I  | 5.175 | 6.066 | 83702163 | 116.9E6  | 42.241 | 44.326 |
| 10)                         | B gamma-Chl...  | 5.069 | 5.946 | 91057798 | 128.3E6  | 40.900 | 44.101 |
| 11)                         | B alpha-Chl...  | 5.125 | 6.017 | 88597709 | 125.6E6  | 40.012 | 43.672 |
| 12)                         | B 4,4'-DDE      | 5.294 | 6.178 | 89620840 | 124.4E6  | 41.526 | 45.271 |
| 13)                         | MA Dieldrin     | 5.413 | 6.321 | 89122827 | 128.0E6  | 49.978 | 44.822 |
| 14)                         | MA Endrin       | 5.664 | 6.537 | 73096597 | 103.5E6  | 51.326 | 48.649 |
| 15)                         | B Endosulfa...  | 5.938 | 6.746 | 77248897 | 106.6E6  | 42.811 | 43.208 |
| 16)                         | A 4,4'-DDD      | 5.802 | 6.665 | 70331160 | 107.4E6  | 53.767 | 46.586 |
| 17)                         | MA 4,4'-DDT     | 6.035 | 6.962 | 65344748 | 96639362 | 44.334 | 42.114 |
| 18)                         | B Endrin al...  | 6.106 | 6.870 | 65692145 | 93268394 | 47.166 | 43.614 |
| 19)                         | B Endosulfa...  | 6.316 | 7.093 | 76942780 | 107.8E6  | 48.353 | 47.026 |
| 20)                         | A Methoxychlor  | 6.584 | 7.422 | 30106772 | 52392051 | 51.103 | 43.582 |
| 21)                         | B Endrin ke...  | 6.796 | 7.558 | 94411870 | 122.2E6  | 51.319 | 44.884 |
| 22)                         | Mirex           | 6.966 | 8.009 | 60294658 | 80175971 | 40.029 | 41.556 |
| -----                       |                 |       |       |          |          |        |        |

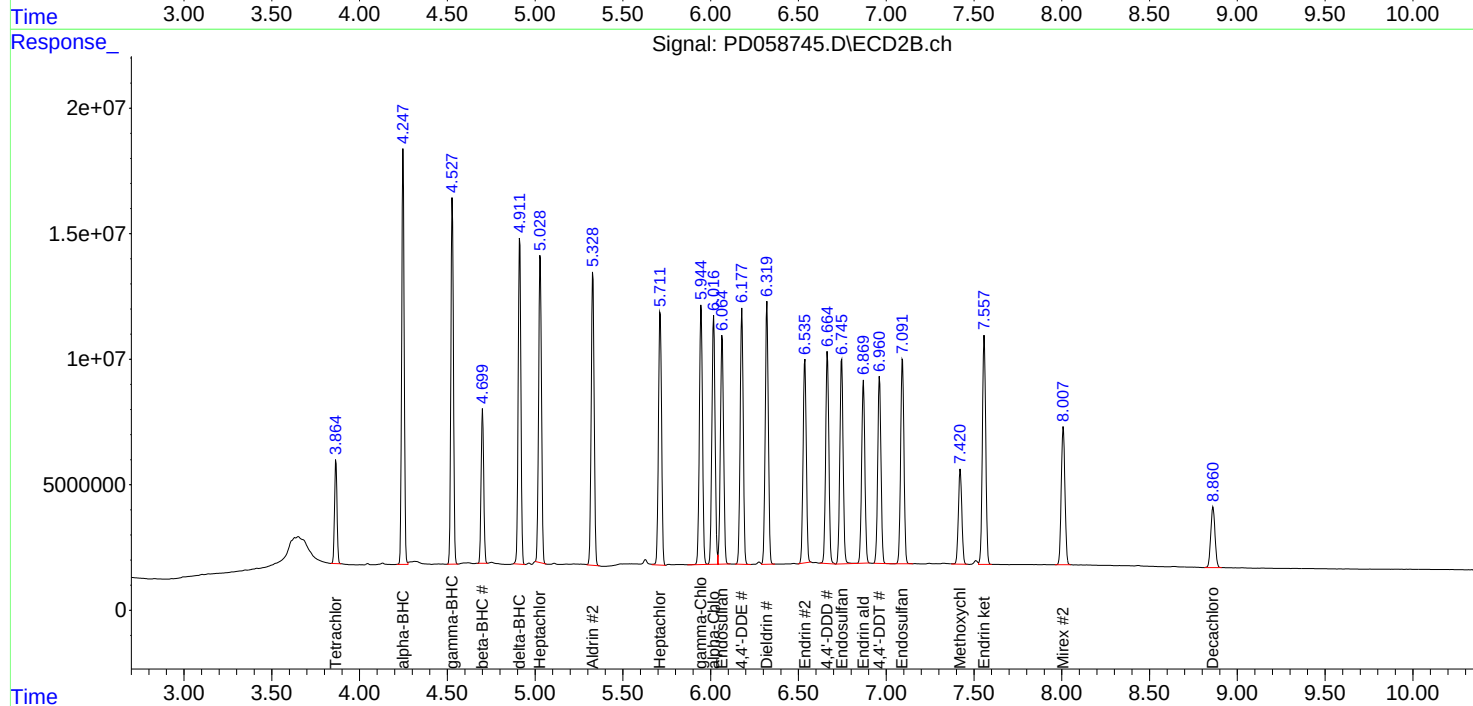
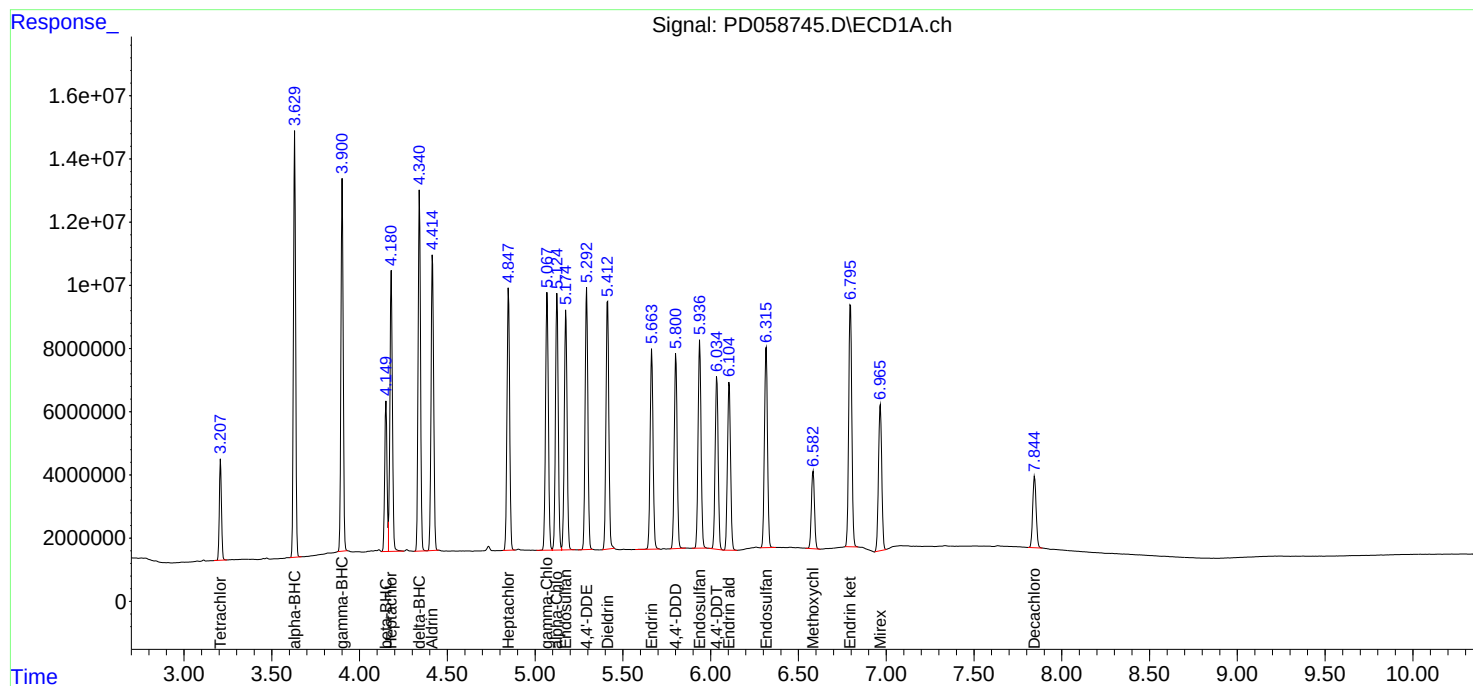
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

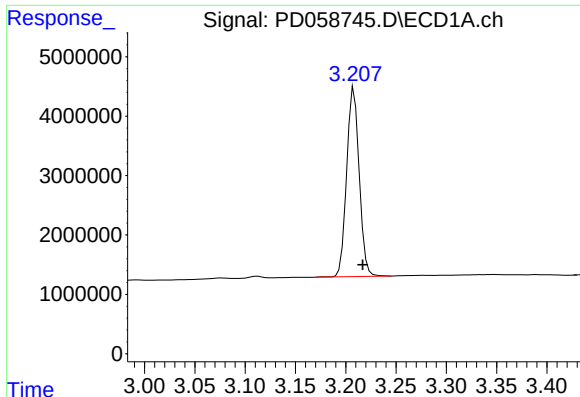
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072820\  
Data File : PD058745.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2020 14:51  
Operator : AJ\MA  
Sample : PB130539BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 04:33:20 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

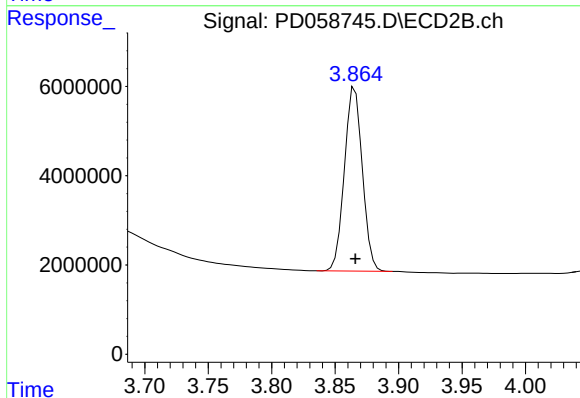




#1 Tetrachloro-m-xylene

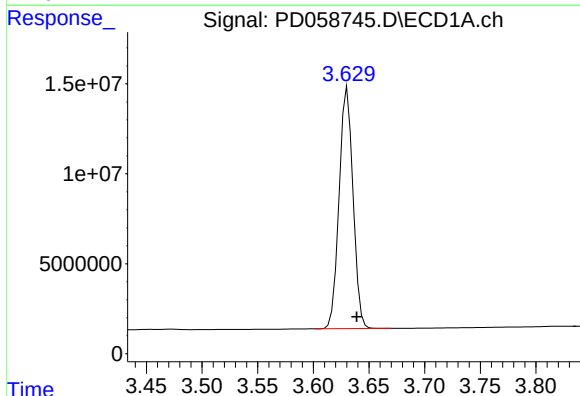
R.T.: 3.208 min  
Delta R.T.: -0.009 min  
Response: 27496205  
Conc: 15.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



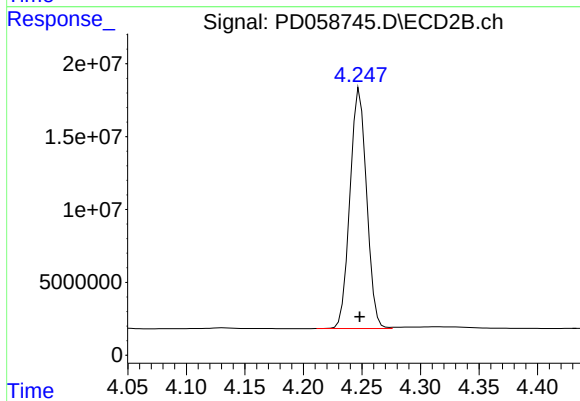
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 40434952  
Conc: 16.37 ng/ml



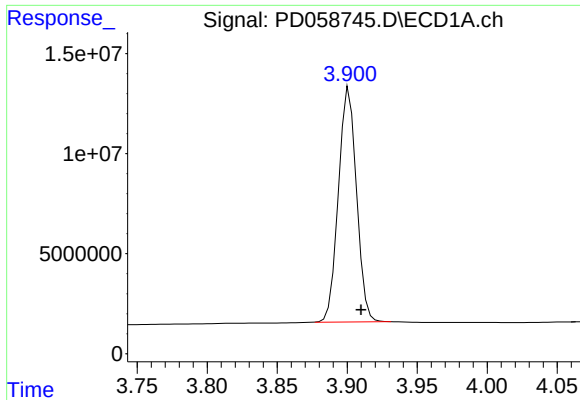
#2 alpha-BHC

R.T.: 3.631 min  
Delta R.T.: -0.008 min  
Response: 116591239  
Conc: 40.72 ng/ml



#2 alpha-BHC

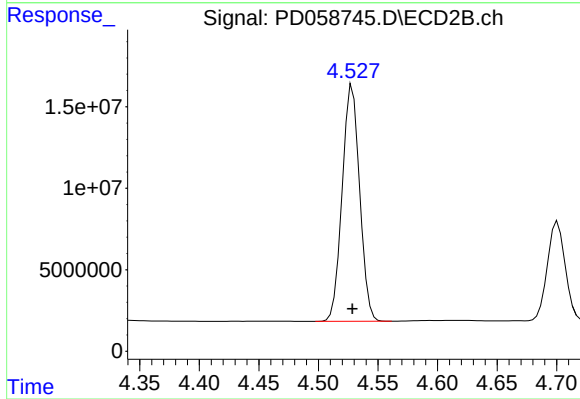
R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 163415848  
Conc: 43.35 ng/ml



#3 gamma-BHC (Lindane)

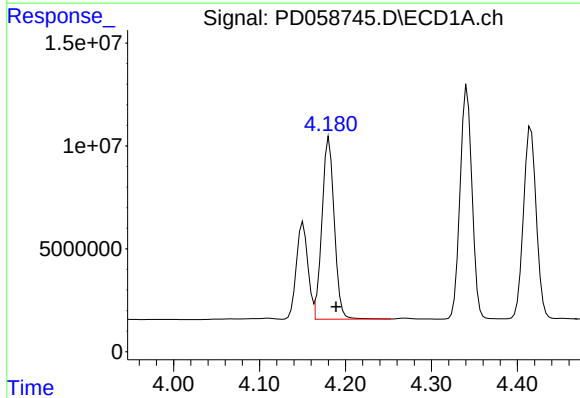
R.T.: 3.902 min  
Delta R.T.: -0.008 min  
Response: 105551039  
Conc: 41.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



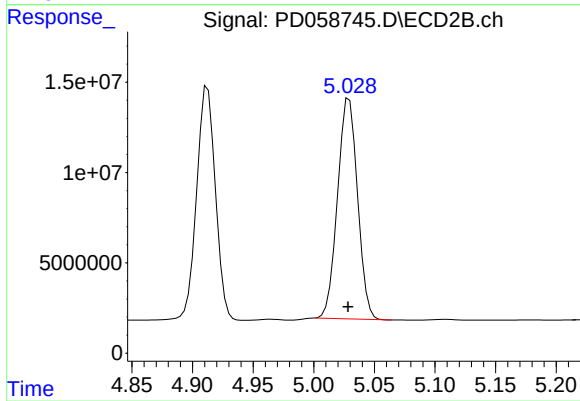
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 148013758  
Conc: 42.82 ng/ml



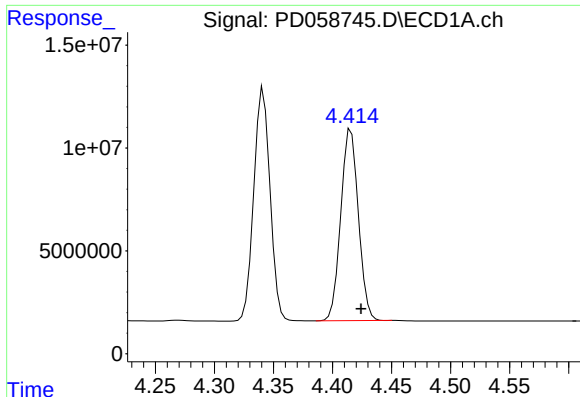
#4 Heptachlor

R.T.: 4.181 min  
Delta R.T.: -0.008 min  
Response: 88409659  
Conc: 48.76 ng/ml



#4 Heptachlor

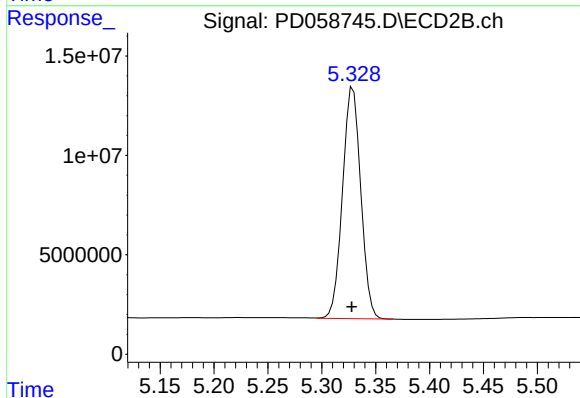
R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 139999699  
Conc: 44.47 ng/ml



#5 Aldrin

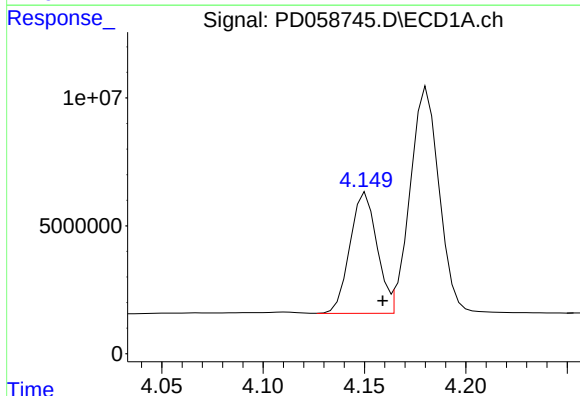
R.T.: 4.416 min  
Delta R.T.: -0.008 min  
Response: 96691889  
Conc: 40.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



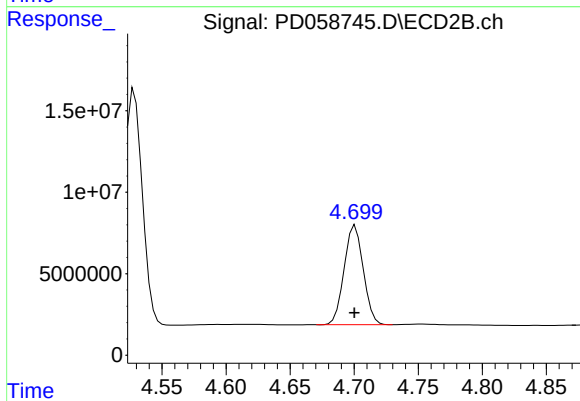
#5 Aldrin

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 137285610  
Conc: 43.29 ng/ml



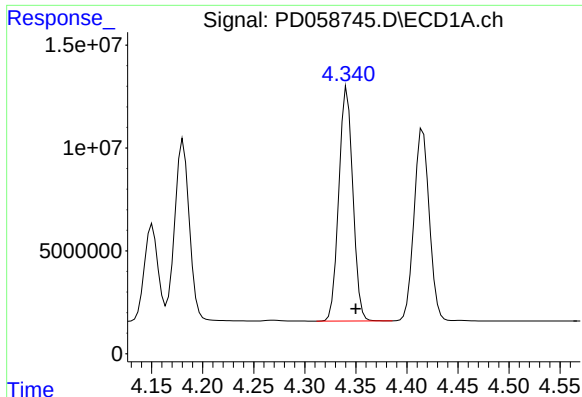
#6 beta-BHC

R.T.: 4.151 min  
Delta R.T.: -0.008 min  
Response: 43861382  
Conc: 42.81 ng/ml



#6 beta-BHC

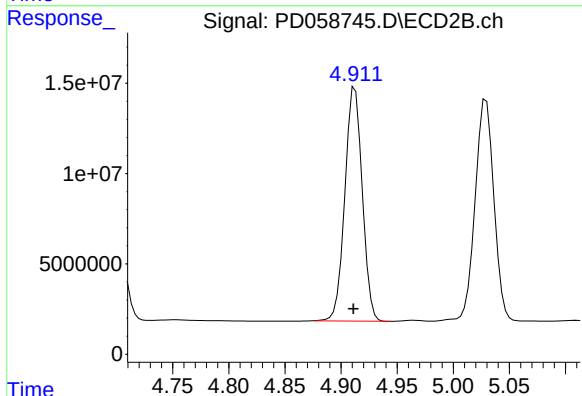
R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 63355260  
Conc: 44.73 ng/ml



#7 delta-BHC

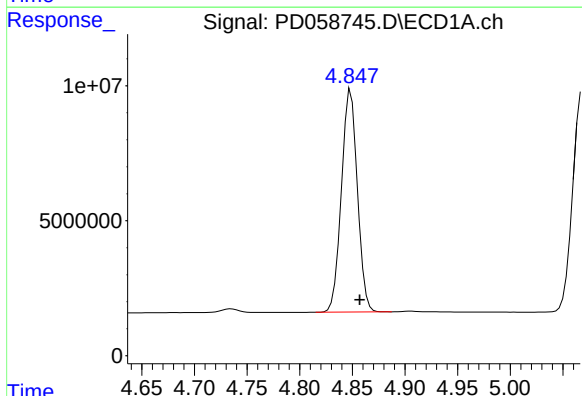
R.T.: 4.342 min  
Delta R.T.: -0.008 min  
Response: 108709463  
Conc: 42.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



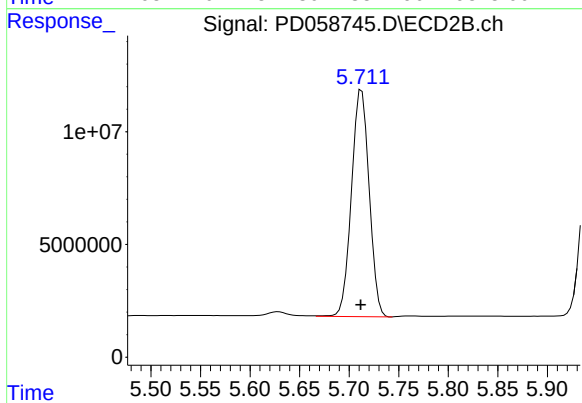
#7 delta-BHC

R.T.: 4.913 min  
Delta R.T.: 0.002 min  
Response: 139416770  
Conc: 45.33 ng/ml



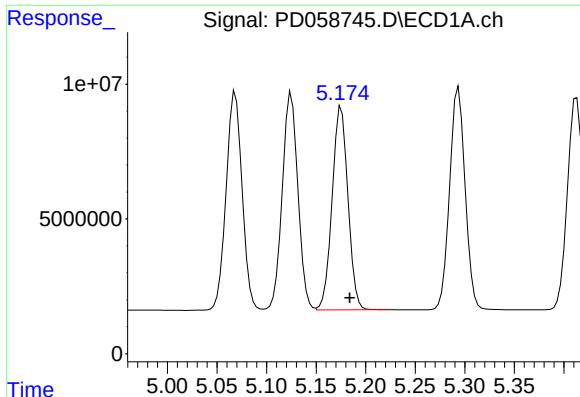
#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: -0.008 min  
Response: 87337671  
Conc: 44.50 ng/ml



#8 Heptachlor epoxide

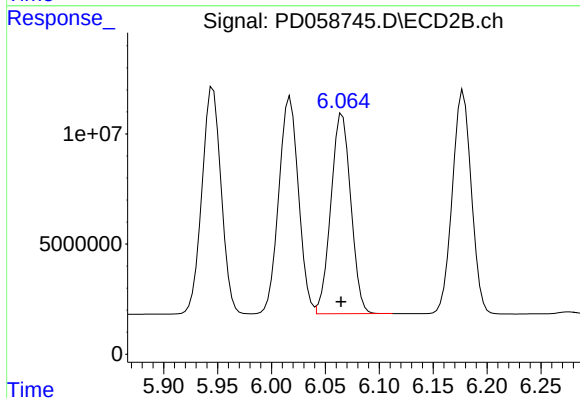
R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 125206021  
Conc: 43.01 ng/ml



#9 Endosulfan I

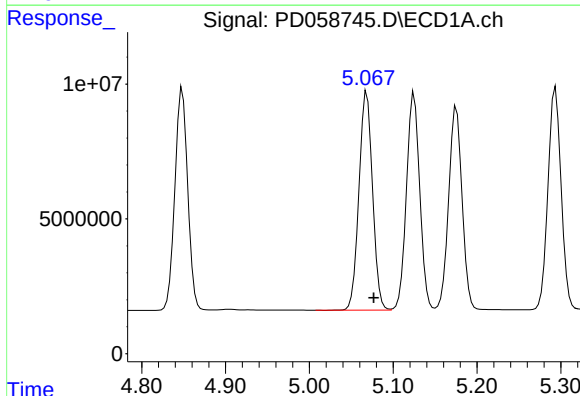
R.T.: 5.175 min  
Delta R.T.: -0.009 min  
Response: 83702163  
Conc: 42.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



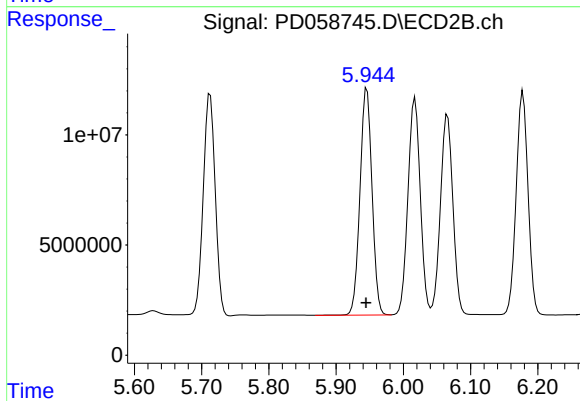
#9 Endosulfan I

R.T.: 6.066 min  
Delta R.T.: 0.001 min  
Response: 116868177  
Conc: 44.33 ng/ml



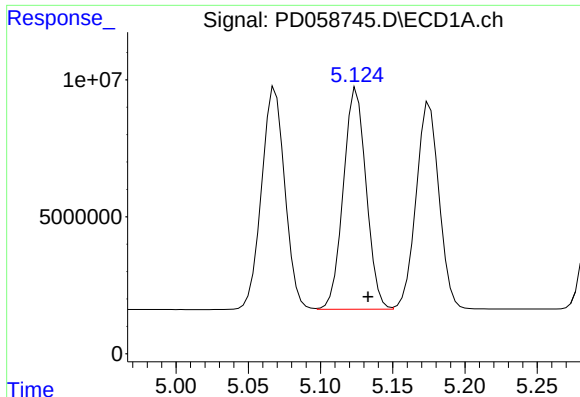
#10 gamma-Chlordane

R.T.: 5.069 min  
Delta R.T.: -0.008 min  
Response: 91057798  
Conc: 40.90 ng/ml



#10 gamma-Chlordane

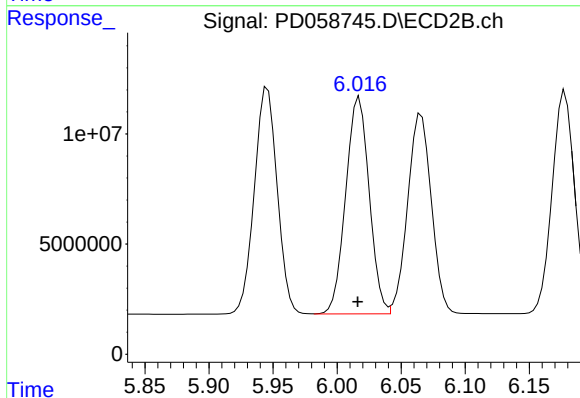
R.T.: 5.946 min  
Delta R.T.: 0.001 min  
Response: 128334446  
Conc: 44.10 ng/ml



#11 alpha-Chlordane

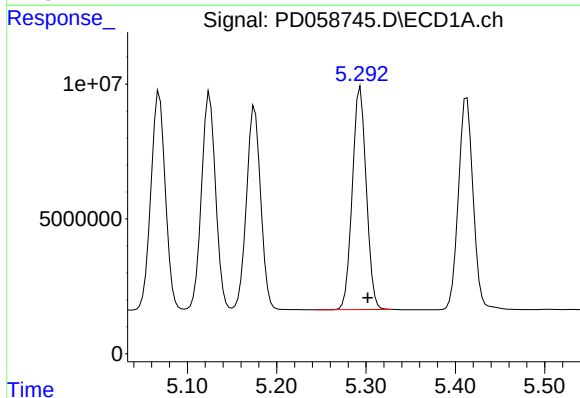
R.T.: 5.125 min  
Delta R.T.: -0.008 min  
Response: 88597709  
Conc: 40.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



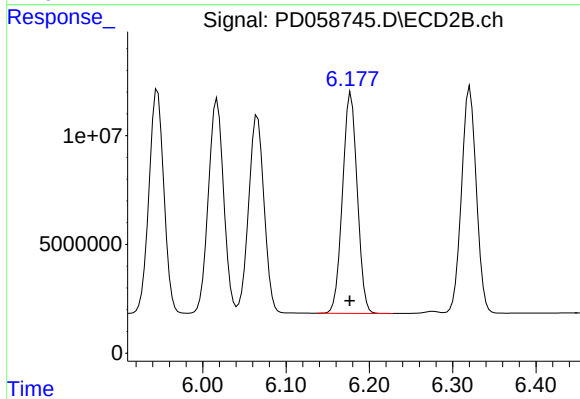
#11 alpha-Chlordane

R.T.: 6.017 min  
Delta R.T.: 0.001 min  
Response: 125600773  
Conc: 43.67 ng/ml



#12 4,4'-DDE

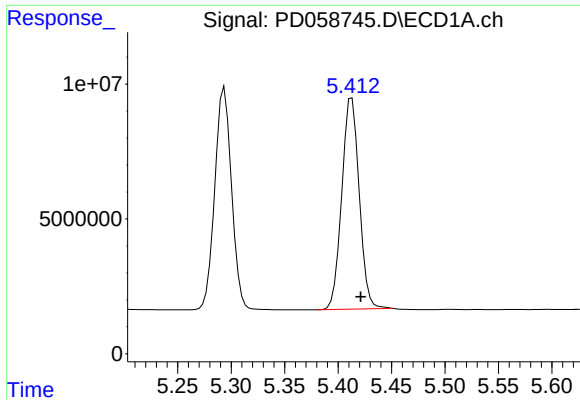
R.T.: 5.294 min  
Delta R.T.: -0.008 min  
Response: 89620840  
Conc: 41.53 ng/ml



#12 4,4'-DDE

R.T.: 6.178 min  
Delta R.T.: 0.001 min  
Response: 124424530  
Conc: 45.27 ng/ml

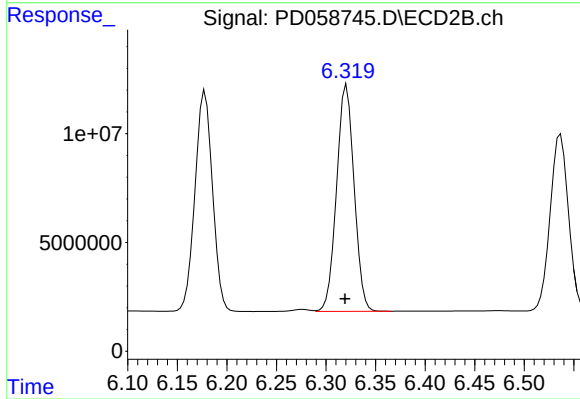




#13 Dieldrin

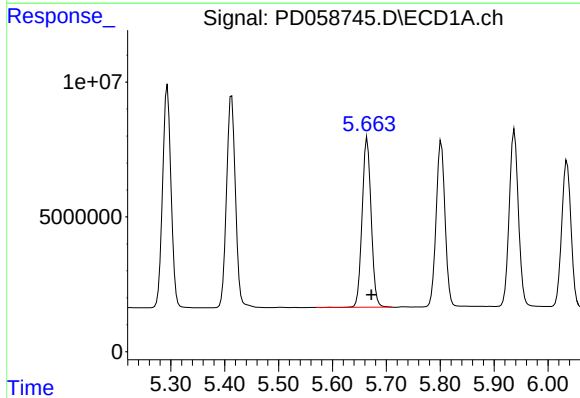
R.T.: 5.413 min  
Delta R.T.: -0.008 min  
Response: 89122827  
Conc: 49.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



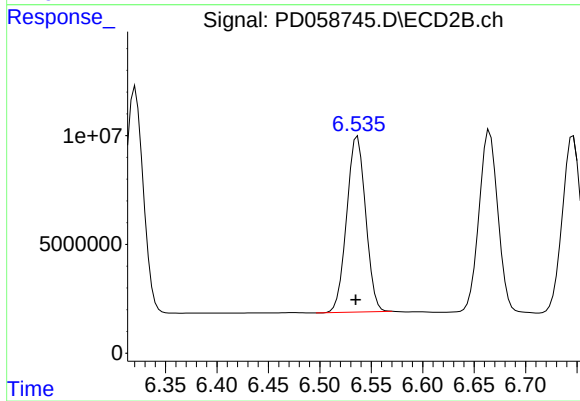
#13 Dieldrin

R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 128043367  
Conc: 44.82 ng/ml



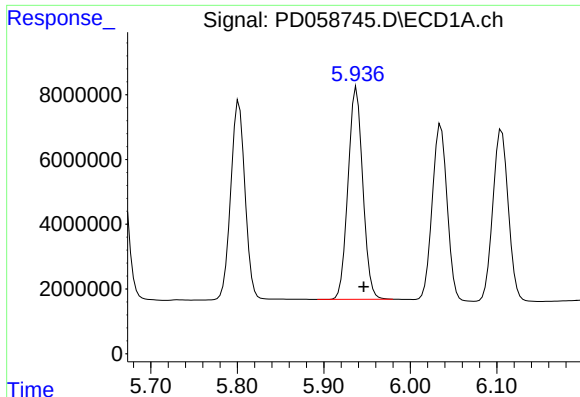
#14 Endrin

R.T.: 5.664 min  
Delta R.T.: -0.008 min  
Response: 73096597  
Conc: 51.33 ng/ml



#14 Endrin

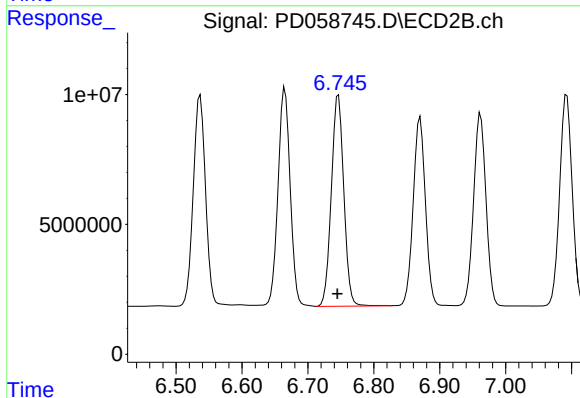
R.T.: 6.537 min  
Delta R.T.: 0.002 min  
Response: 103545048  
Conc: 48.65 ng/ml



#15 Endosulfan II

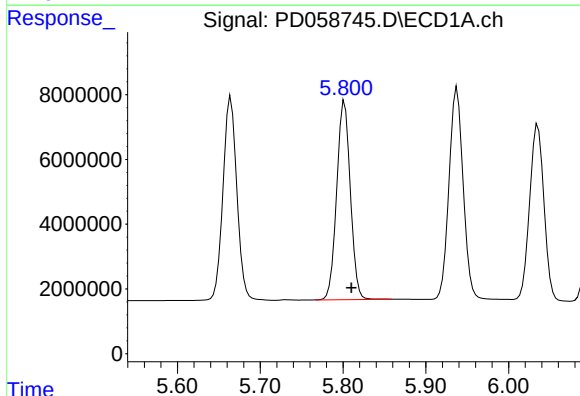
R.T.: 5.938 min  
Delta R.T.: -0.008 min  
Response: 77248897  
Conc: 42.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



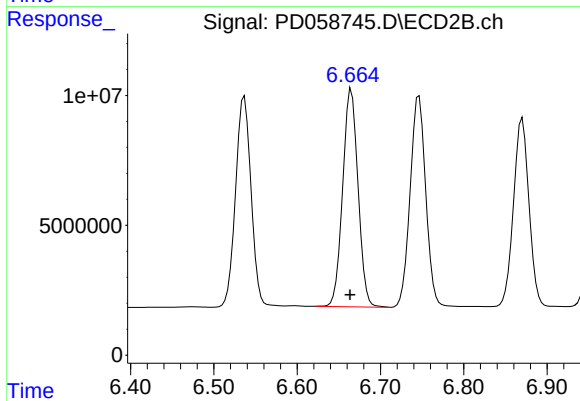
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: 0.002 min  
Response: 106627054  
Conc: 43.21 ng/ml



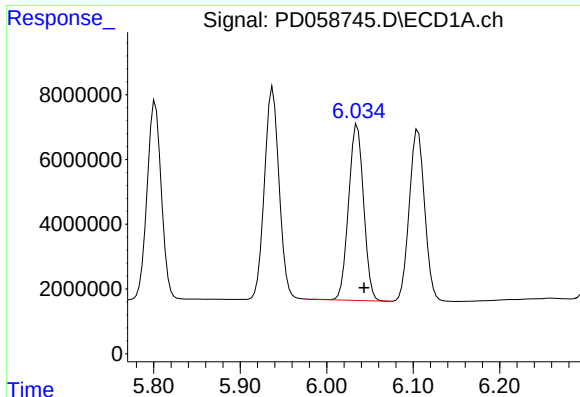
#16 4,4'-DDD

R.T.: 5.802 min  
Delta R.T.: -0.008 min  
Response: 70331160  
Conc: 53.77 ng/ml



#16 4,4'-DDD

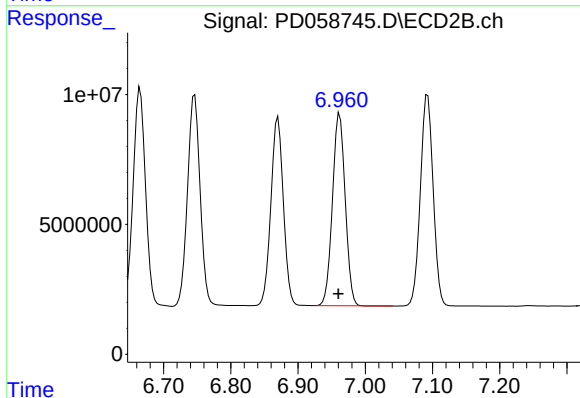
R.T.: 6.665 min  
Delta R.T.: 0.002 min  
Response: 107407321  
Conc: 46.59 ng/ml



#17 4,4'-DDT

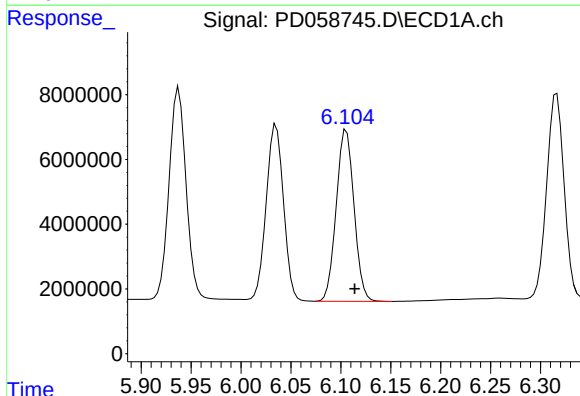
R.T.: 6.035 min  
Delta R.T.: -0.008 min  
Response: 65344748  
Conc: 44.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



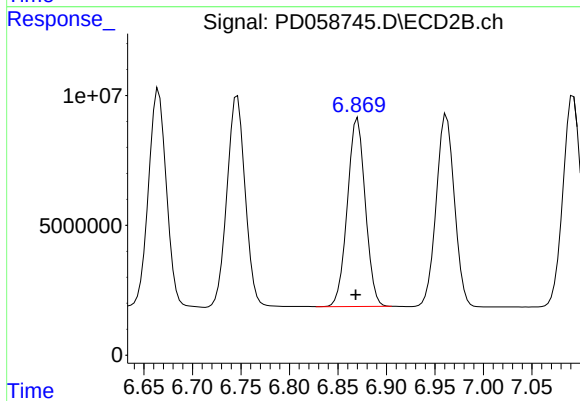
#17 4,4'-DDT

R.T.: 6.962 min  
Delta R.T.: 0.002 min  
Response: 96639362  
Conc: 42.11 ng/ml



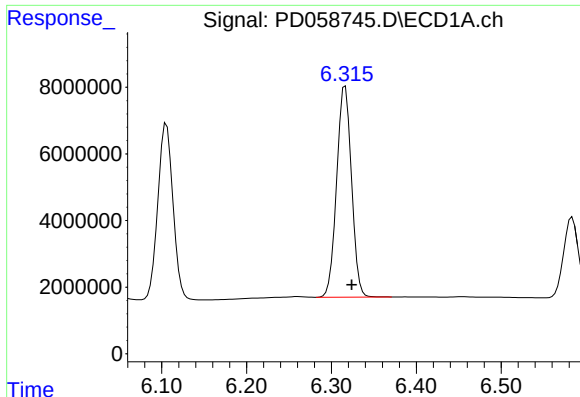
#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: -0.008 min  
Response: 65692145  
Conc: 47.17 ng/ml



#18 Endrin aldehyde

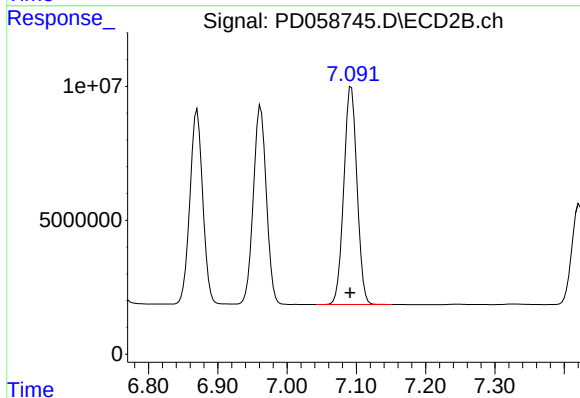
R.T.: 6.870 min  
Delta R.T.: 0.002 min  
Response: 93268394  
Conc: 43.61 ng/ml



#19 Endosulfan Sulfate

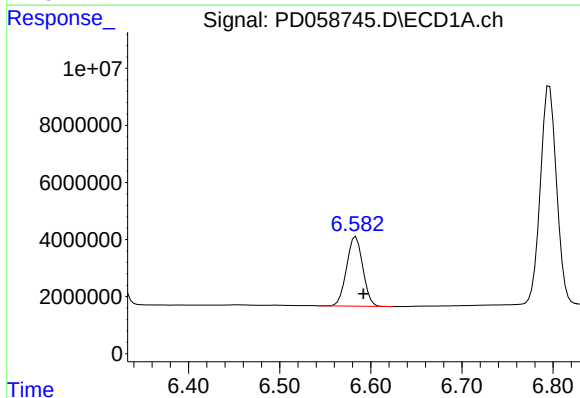
R.T.: 6.316 min  
Delta R.T.: -0.008 min  
Response: 76942780  
Conc: 48.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



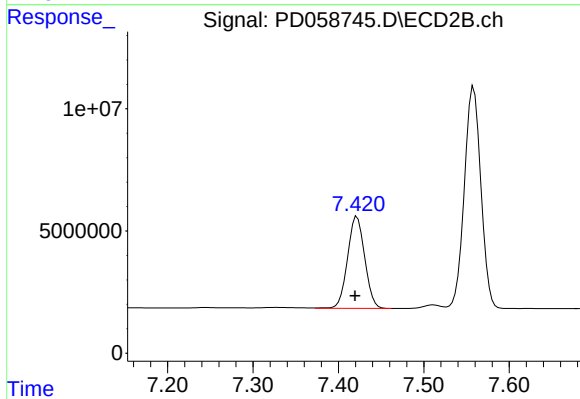
#19 Endosulfan Sulfate

R.T.: 7.093 min  
Delta R.T.: 0.002 min  
Response: 107824878  
Conc: 47.03 ng/ml



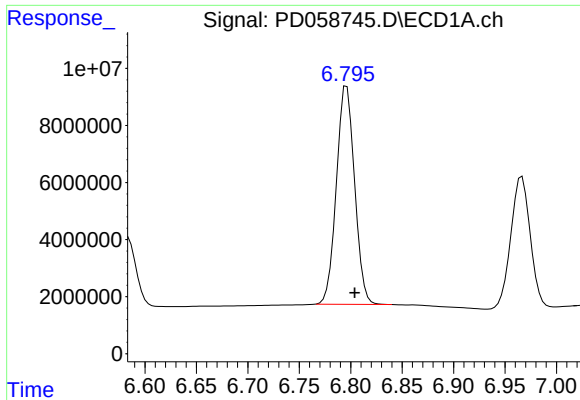
#20 Methoxychlor

R.T.: 6.584 min  
Delta R.T.: -0.008 min  
Response: 30106772  
Conc: 51.10 ng/ml



#20 Methoxychlor

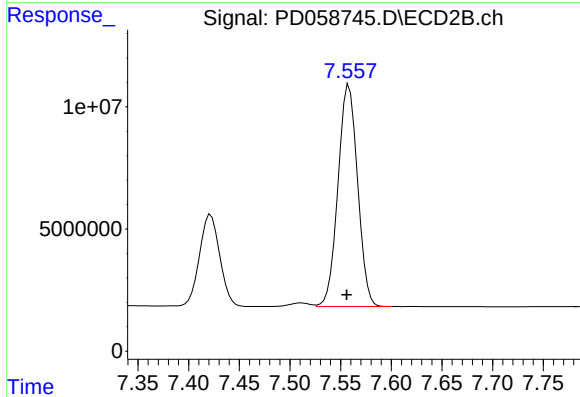
R.T.: 7.422 min  
Delta R.T.: 0.002 min  
Response: 52392051  
Conc: 43.58 ng/ml



#21 Endrin ketone

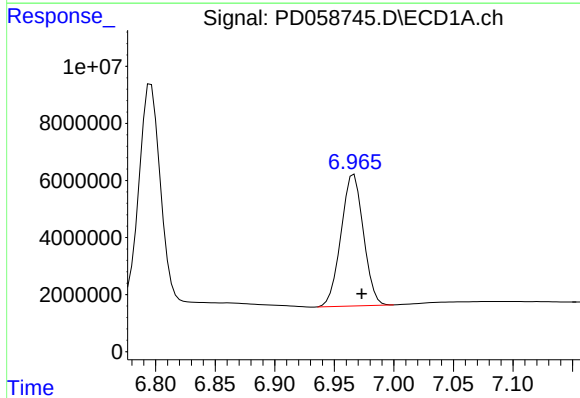
R.T.: 6.796 min  
Delta R.T.: -0.008 min  
Response: 94411870  
Conc: 51.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



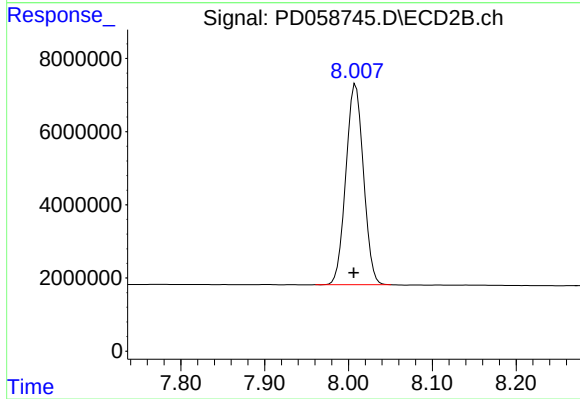
#21 Endrin ketone

R.T.: 7.558 min  
Delta R.T.: 0.002 min  
Response: 122162136  
Conc: 44.88 ng/ml



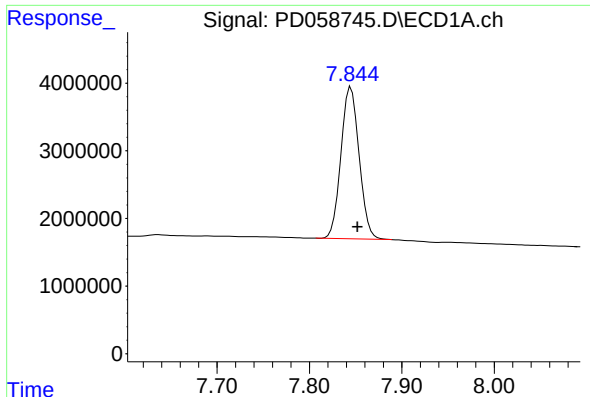
#22 Mirex

R.T.: 6.966 min  
Delta R.T.: -0.007 min  
Response: 60294658  
Conc: 40.03 ng/ml



#22 Mirex

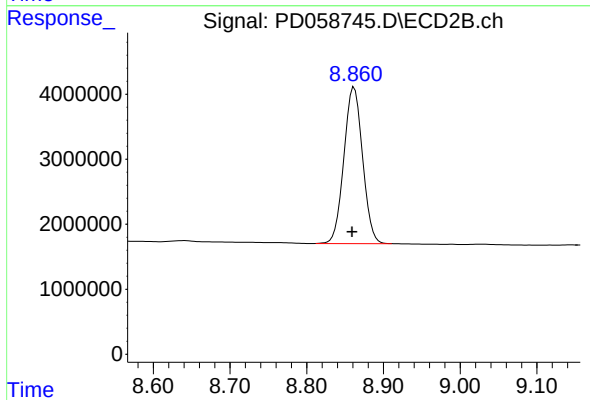
R.T.: 8.009 min  
Delta R.T.: 0.002 min  
Response: 80175971  
Conc: 41.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.845 min  
Delta R.T.: -0.007 min  
Response: 30709602  
Conc: 17.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB130539BS



#28 Decachlorobiphenyl

R.T.: 8.862 min  
Delta R.T.: 0.003 min  
Response: 40937413  
Conc: 18.78 ng/ml