

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
 Data File : PD058537.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2020 20:17  
 Operator : AJ\MA  
 Sample : L3183-04MSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 OK-02-070720MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 01:26:27 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 | 3.866 | 31854627 | 43831850 | 17.471 | 17.740 |
| 28)                         | SA Decachlor... | 7.847 | 8.861 | 34062468 | 42140209 | 18.862 | 19.328 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.633 | 4.249 | 157.1E6  | 213.1E6  | 54.869 | 56.512 |
| 3)                          | MA gamma-BHC... | 3.903 | 4.529 | 141.7E6  | 189.1E6  | 55.339 | 54.690 |
| 4)                          | MA Heptachlor   | 4.182 | 5.029 | 109.9E6  | 171.6E6  | 60.600 | 54.510 |
| 5)                          | MB Aldrin       | 4.417 | 5.329 | 122.7E6  | 165.6E6  | 51.500 | 52.232 |
| 6)                          | B beta-BHC      | 4.152 | 4.701 | 57894062 | 79402169 | 56.506 | 56.060 |
| 7)                          | B delta-BHC     | 4.343 | 4.912 | 137.2E6  | 138.2E6  | 54.104 | 44.943 |
| 8)                          | B Heptachlo...  | 4.850 | 5.713 | 114.5E6  | 158.0E6  | 58.321 | 54.294 |
| 9)                          | A Endosulfan I  | 5.177 | 6.065 | 111.7E6  | 148.1E6  | 56.372 | 56.181 |
| 10)                         | B gamma-Chl...  | 5.070 | 5.946 | 121.7E6  | 165.2E6  | 54.645 | 56.785 |
| 11)                         | B alpha-Chl...  | 5.126 | 6.017 | 118.2E6  | 158.7E6  | 53.402 | 55.190 |
| 12)                         | B 4,4'-DDE      | 5.295 | 6.177 | 118.6E6  | 156.9E6  | 54.937 | 57.102 |
| 13)                         | MA Dieldrin     | 5.415 | 6.321 | 117.2E6  | 161.7E6  | 65.708 | 56.596 |
| 14)                         | MA Endrin       | 5.665 | 6.537 | 99136820 | 136.0E6  | 69.611 | 63.901 |
| 15)                         | B Endosulfa...  | 5.939 | 6.746 | 102.2E6  | 135.1E6  | 56.663 | 54.741 |
| 16)                         | A 4,4'-DDD      | 5.803 | 6.665 | 83566707 | 132.2E6  | 63.886 | 57.350 |
| 17)                         | MA 4,4'-DDT     | 6.037 | 6.961 | 90476175 | 133.8E6  | 61.385 | 58.298 |
| 18)                         | B Endrin al...  | 6.107 | 6.869 | 84255436 | 116.0E6  | 60.494 | 54.252 |
| 19)                         | B Endosulfa...  | 6.317 | 7.092 | 99092567 | 136.1E6  | 62.273 | 59.352 |
| 20)                         | A Methoxychlor  | 6.585 | 7.421 | 40212201 | 65157718 | 68.256 | 54.201 |
| 21)                         | B Endrin ke...  | 6.797 | 7.558 | 118.1E6  | 150.7E6  | 64.201 | 55.358 |
| 22)                         | Mirex           | 6.967 | 8.008 | 76215387 | 99812049 | 50.599 | 51.733 |
| -----                       |                 |       |       |          |          |        |        |

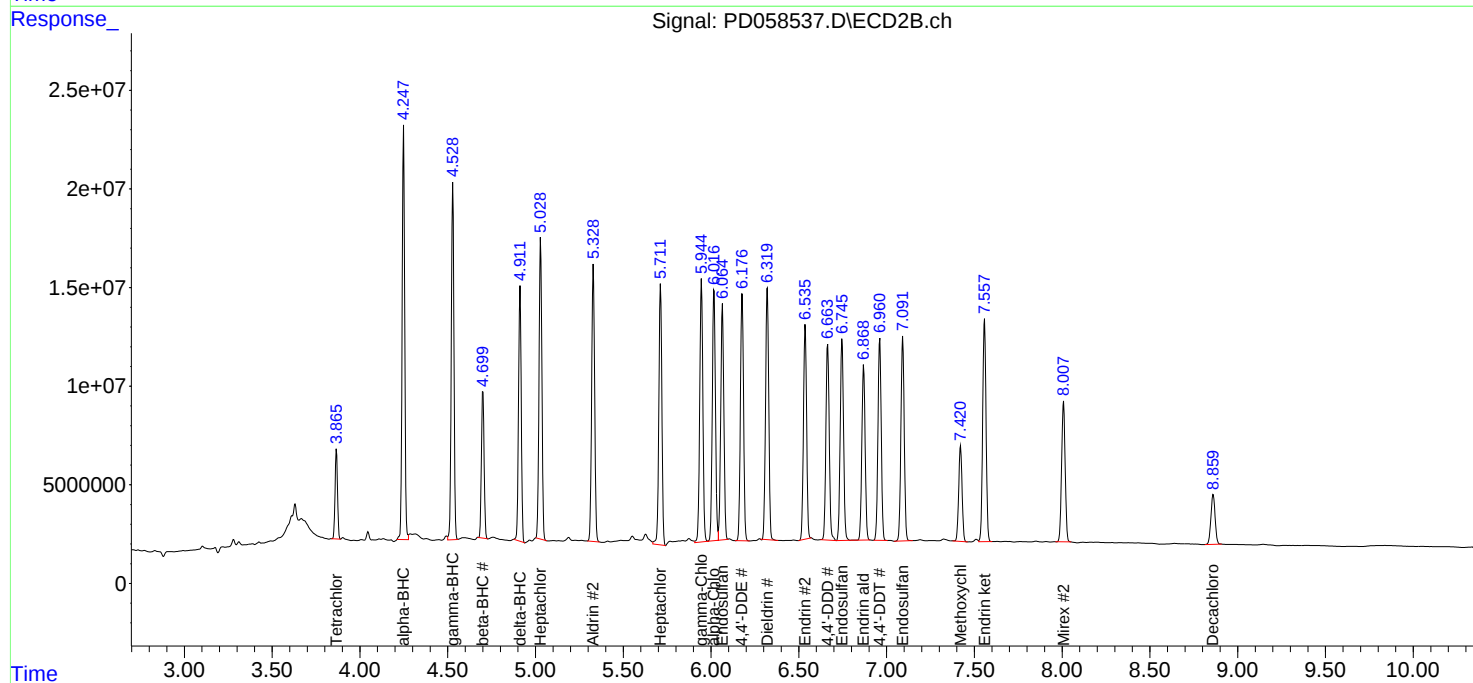
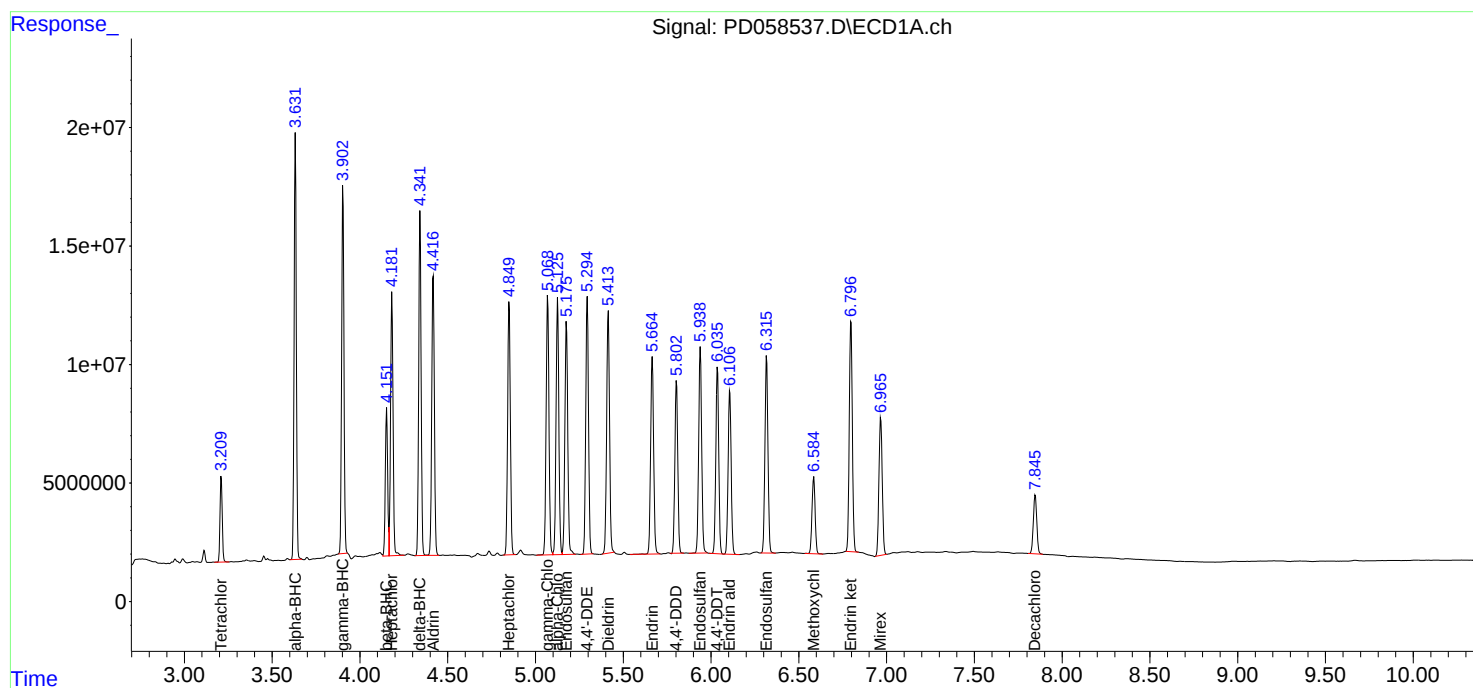
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

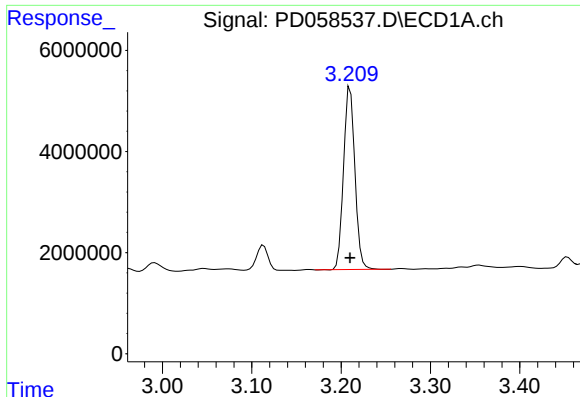
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
Data File : PD058537.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2020 20:17  
Operator : AJ\MA  
Sample : L3183-04MSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:26:27 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

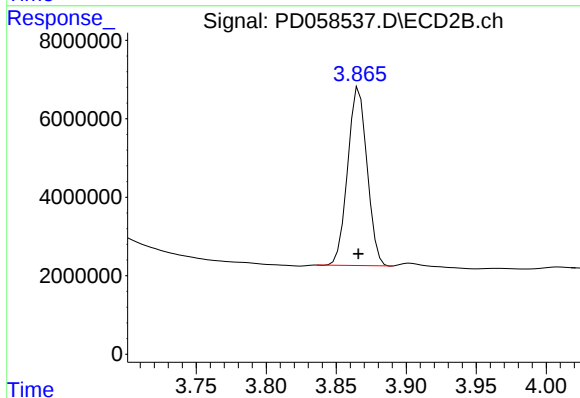




#1 Tetrachloro-m-xylene

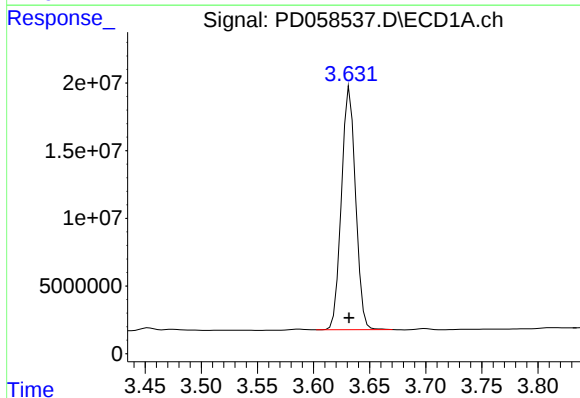
R.T.: 3.210 min  
Delta R.T.: 0.000 min  
Response: 31854627  
Conc: 17.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



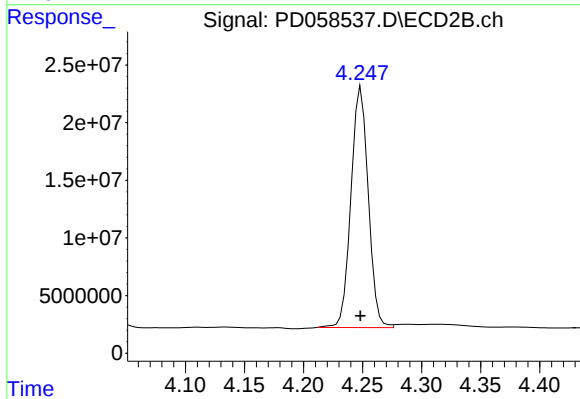
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 43831850  
Conc: 17.74 ng/ml



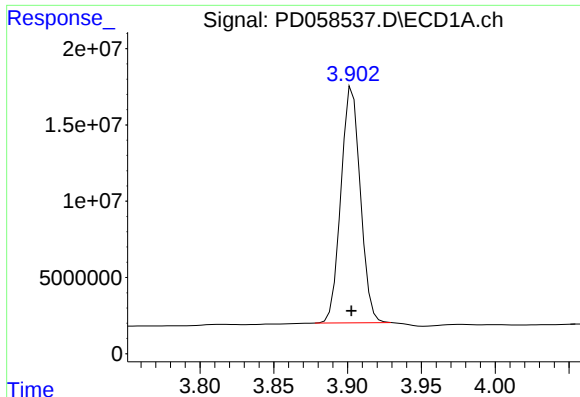
#2 alpha-BHC

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 157098706  
Conc: 54.87 ng/ml



#2 alpha-BHC

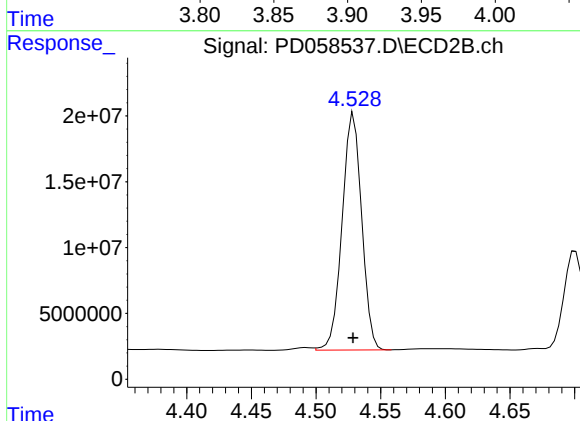
R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 213056620  
Conc: 56.51 ng/ml



#3 gamma-BHC (Lindane)

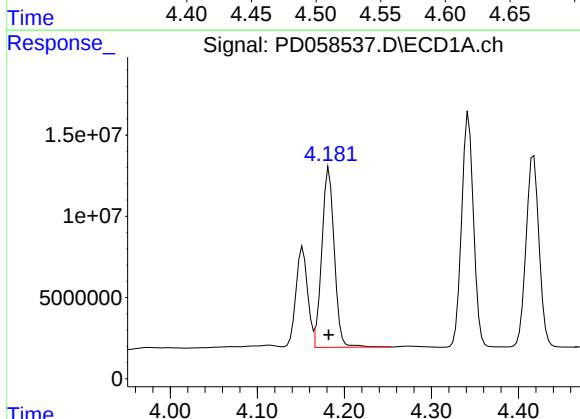
R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 141708082  
Conc: 55.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



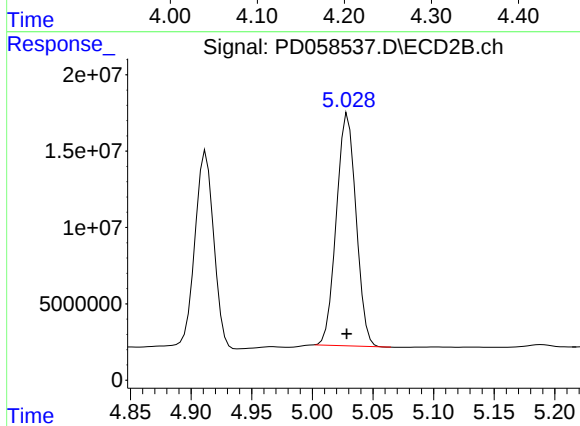
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 189056274  
Conc: 54.69 ng/ml



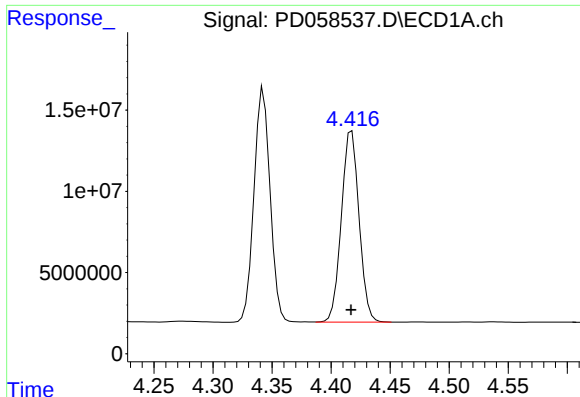
#4 Heptachlor

R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 109879653  
Conc: 60.60 ng/ml



#4 Heptachlor

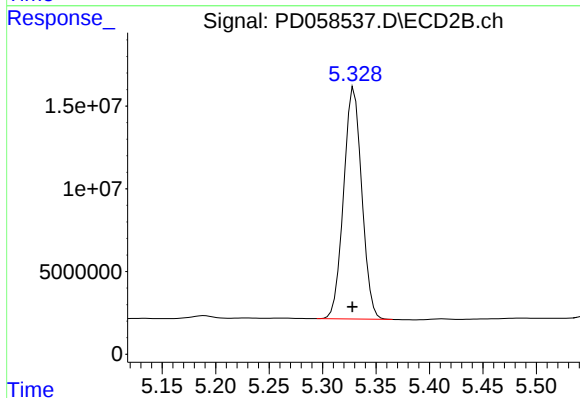
R.T.: 5.029 min  
Delta R.T.: 0.001 min  
Response: 171604669  
Conc: 54.51 ng/ml



#5 Aldrin

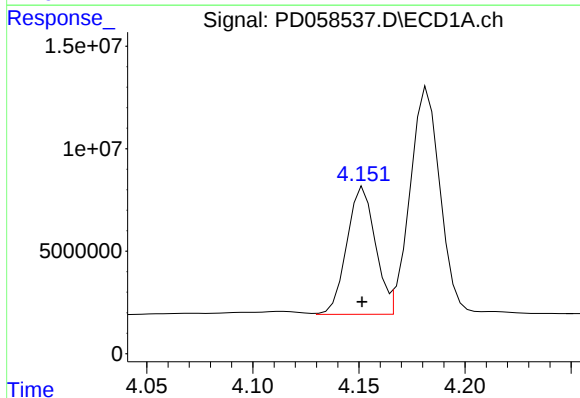
R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 122675107  
Conc: 51.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



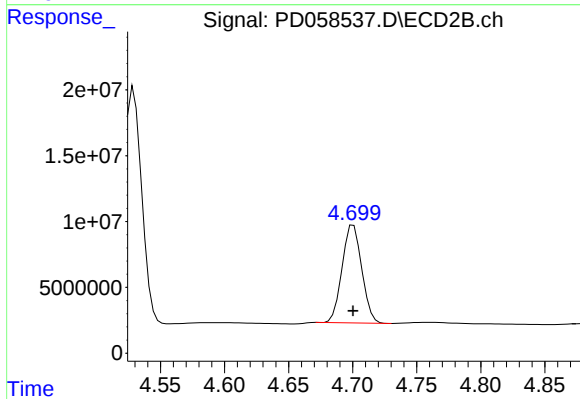
#5 Aldrin

R.T.: 5.329 min  
Delta R.T.: 0.002 min  
Response: 165632886  
Conc: 52.23 ng/ml



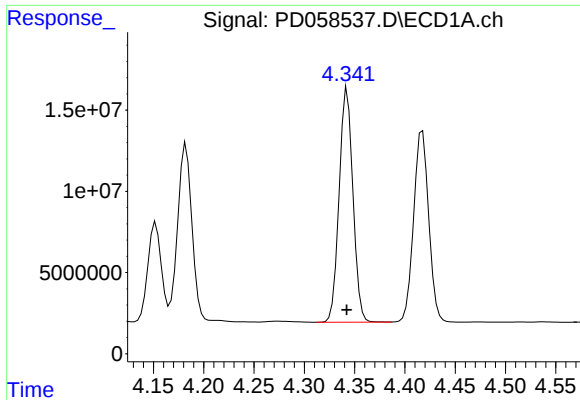
#6 beta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 57894062  
Conc: 56.51 ng/ml



#6 beta-BHC

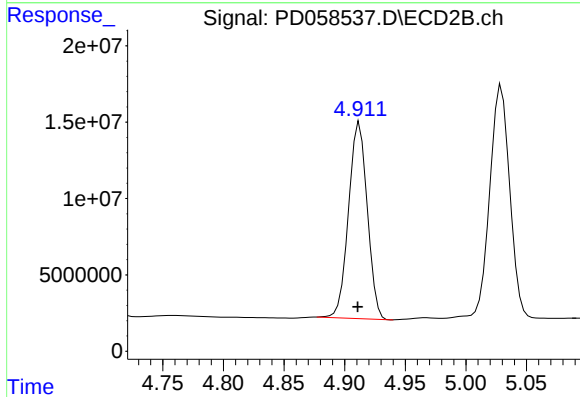
R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 79402169  
Conc: 56.06 ng/ml



#7 delta-BHC

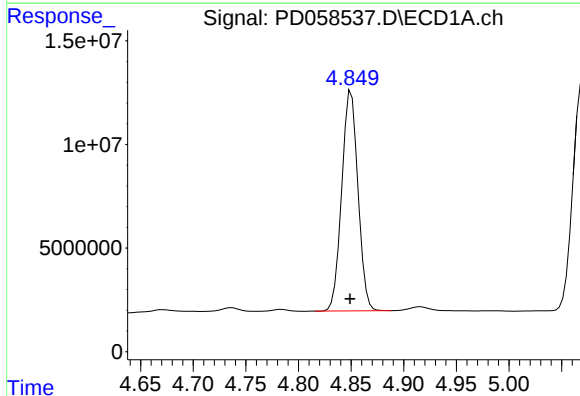
R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 137215627  
Conc: 54.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



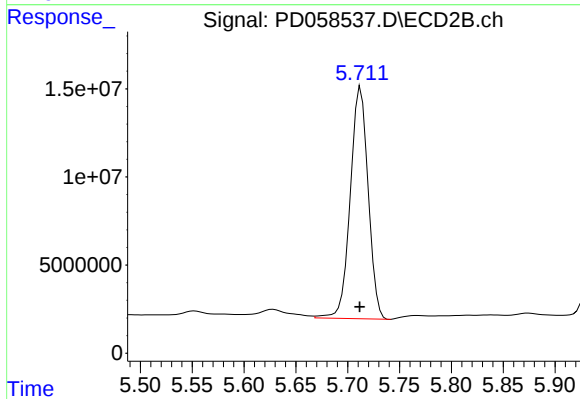
#7 delta-BHC

R.T.: 4.912 min  
Delta R.T.: 0.001 min  
Response: 138231705  
Conc: 44.94 ng/ml



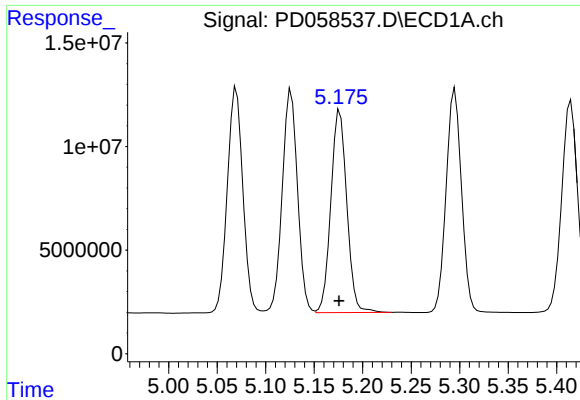
#8 Heptachlor epoxide

R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 114455085  
Conc: 58.32 ng/ml



#8 Heptachlor epoxide

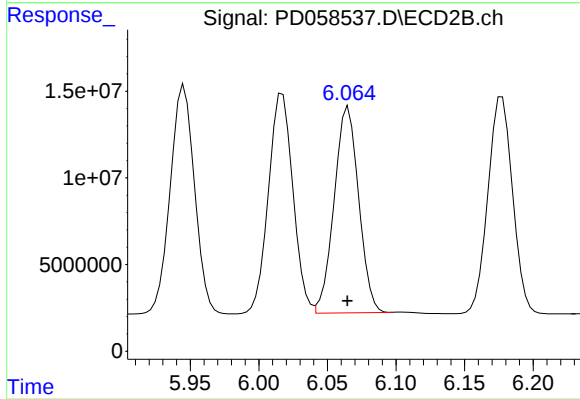
R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 158049860  
Conc: 54.29 ng/ml



#9 Endosulfan I

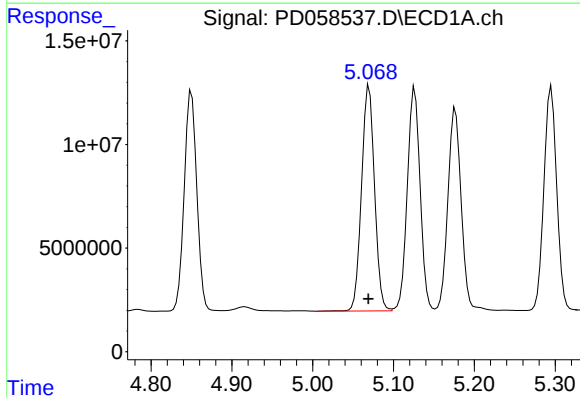
R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 111704306  
Conc: 56.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



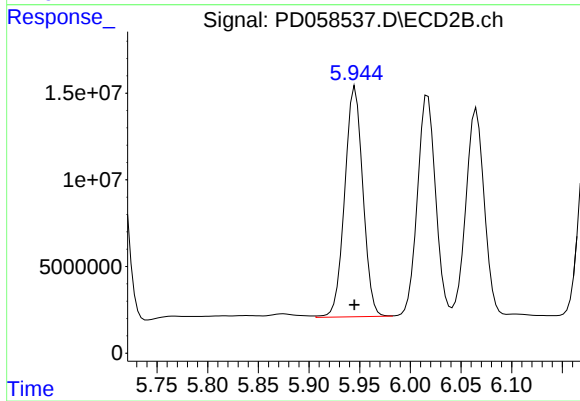
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 148123747  
Conc: 56.18 ng/ml



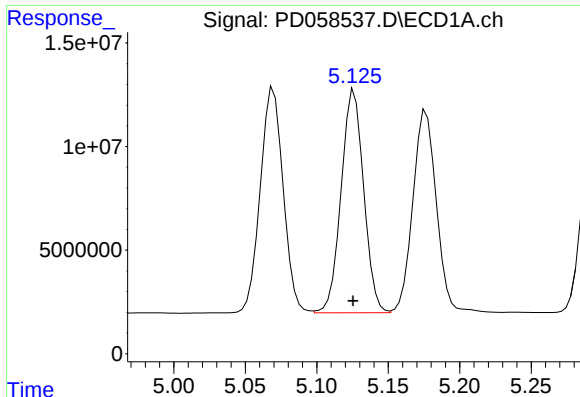
#10 gamma-Chlordane

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 121660753  
Conc: 54.65 ng/ml



#10 gamma-Chlordane

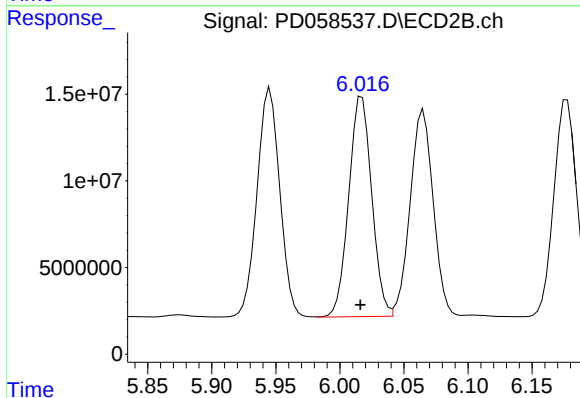
R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 165243189  
Conc: 56.78 ng/ml



#11 alpha-Chlordane

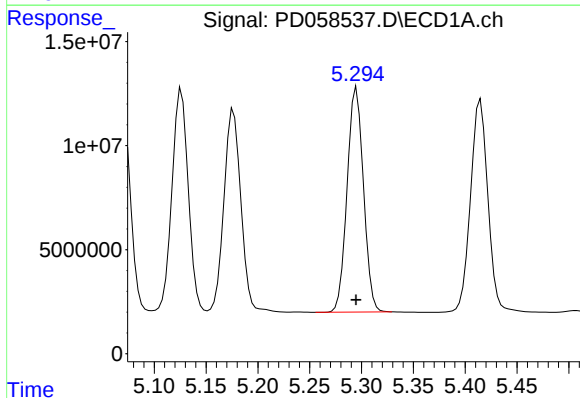
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 118245898  
Conc: 53.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



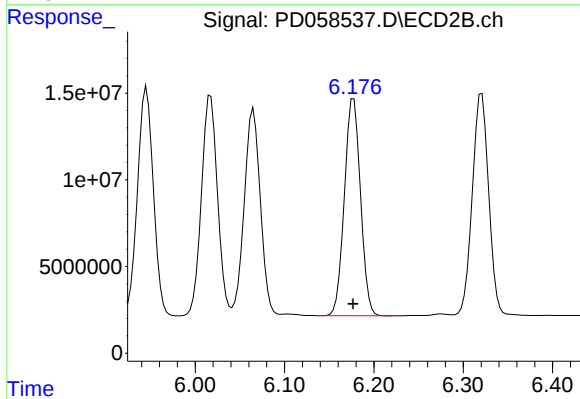
#11 alpha-Chlordane

R.T.: 6.017 min  
Delta R.T.: 0.001 min  
Response: 158725376  
Conc: 55.19 ng/ml



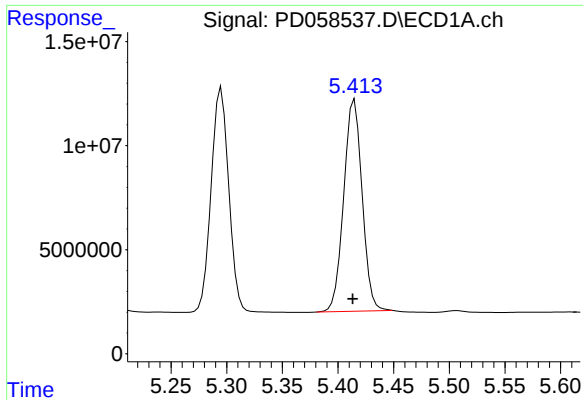
#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 118563327  
Conc: 54.94 ng/ml



#12 4,4'-DDE

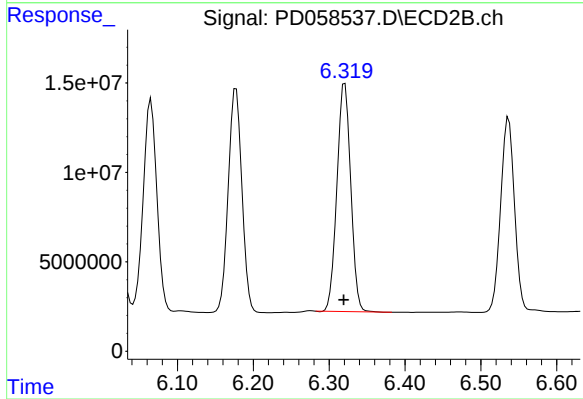
R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 156940353  
Conc: 57.10 ng/ml



#13 Dieldrin

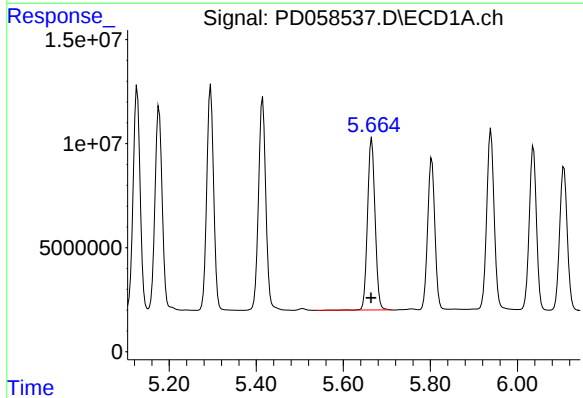
R.T.: 5.415 min  
Delta R.T.: 0.002 min  
Response: 117174444  
Conc: 65.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



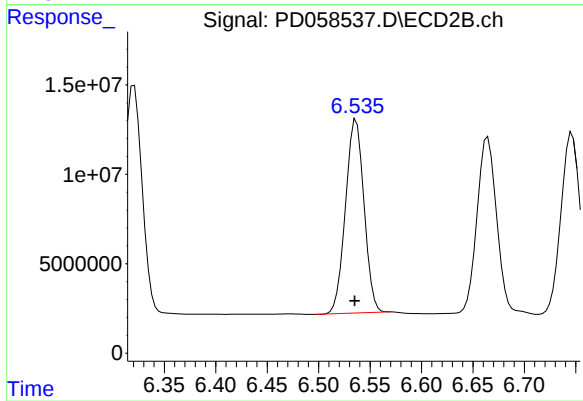
#13 Dieldrin

R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 161679441  
Conc: 56.60 ng/ml



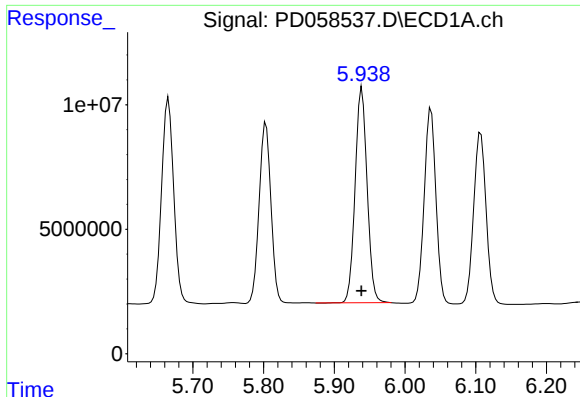
#14 Endrin

R.T.: 5.665 min  
Delta R.T.: 0.001 min  
Response: 99136820  
Conc: 69.61 ng/ml



#14 Endrin

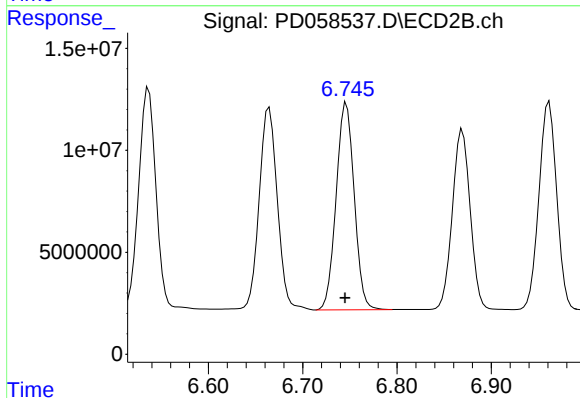
R.T.: 6.537 min  
Delta R.T.: 0.002 min  
Response: 136006086  
Conc: 63.90 ng/ml



#15 Endosulfan II

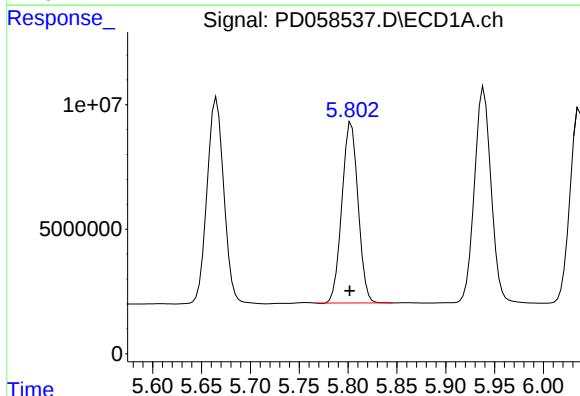
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 102243840  
Conc: 56.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



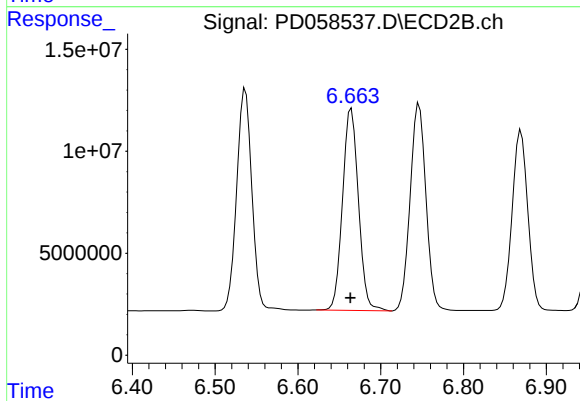
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: 0.002 min  
Response: 135087364  
Conc: 54.74 ng/ml



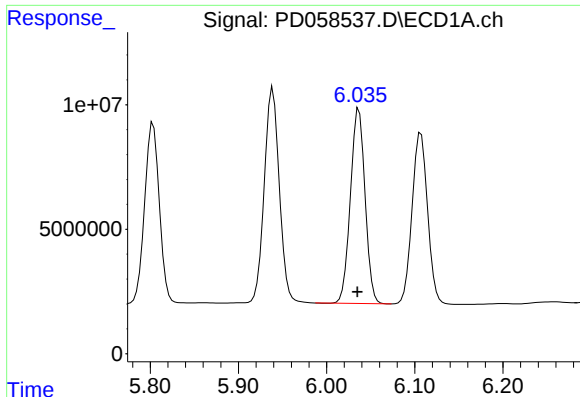
#16 4,4'-DDD

R.T.: 5.803 min  
Delta R.T.: 0.002 min  
Response: 83566707  
Conc: 63.89 ng/ml



#16 4,4'-DDD

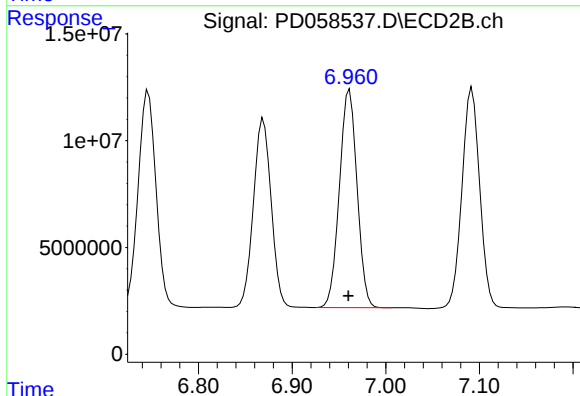
R.T.: 6.665 min  
Delta R.T.: 0.001 min  
Response: 132226170  
Conc: 57.35 ng/ml



#17 4,4'-DDT

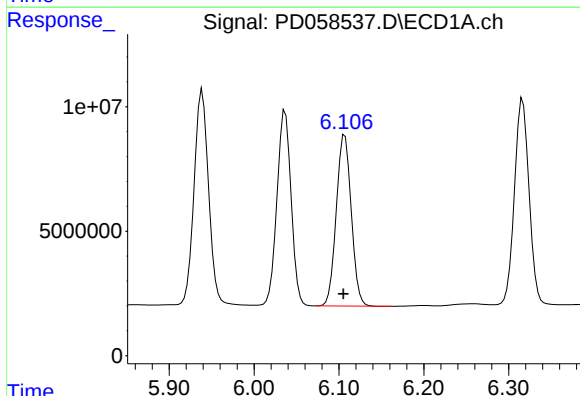
R.T.: 6.037 min  
Delta R.T.: 0.002 min  
Response: 90476175  
Conc: 61.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



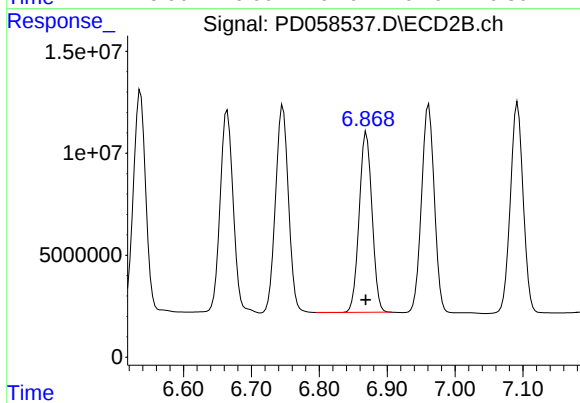
#17 4,4'-DDT

R.T.: 6.961 min  
Delta R.T.: 0.001 min  
Response: 133775281  
Conc: 58.30 ng/ml



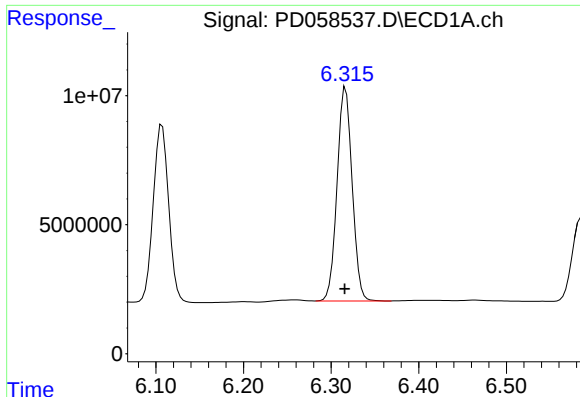
#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.002 min  
Response: 84255436  
Conc: 60.49 ng/ml



#18 Endrin aldehyde

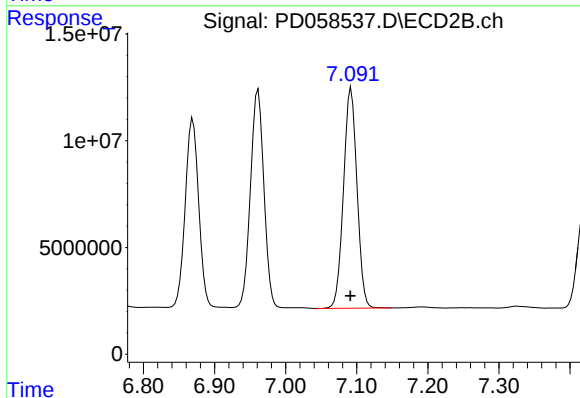
R.T.: 6.869 min  
Delta R.T.: 0.001 min  
Response: 116017265  
Conc: 54.25 ng/ml



#19 Endosulfan Sulfate

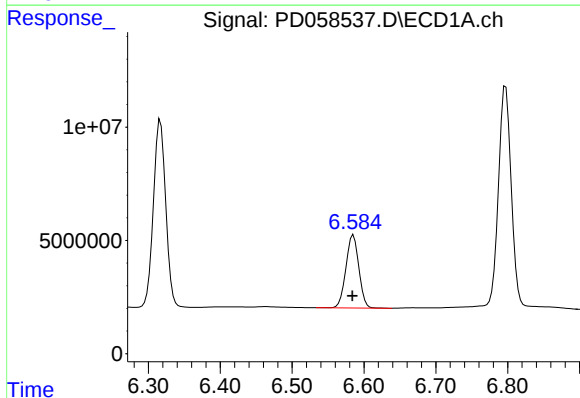
R.T.: 6.317 min  
Delta R.T.: 0.001 min  
Response: 99092567  
Conc: 62.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



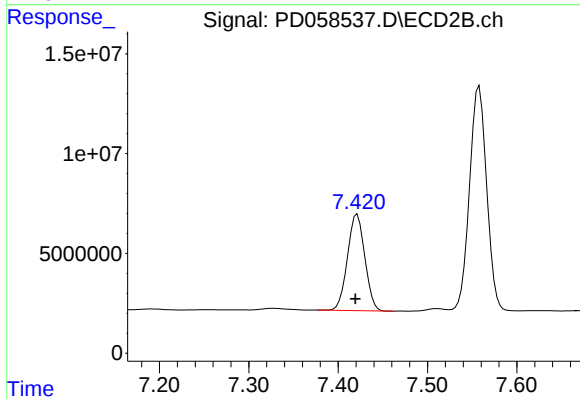
#19 Endosulfan Sulfate

R.T.: 7.092 min  
Delta R.T.: 0.001 min  
Response: 136087566  
Conc: 59.35 ng/ml



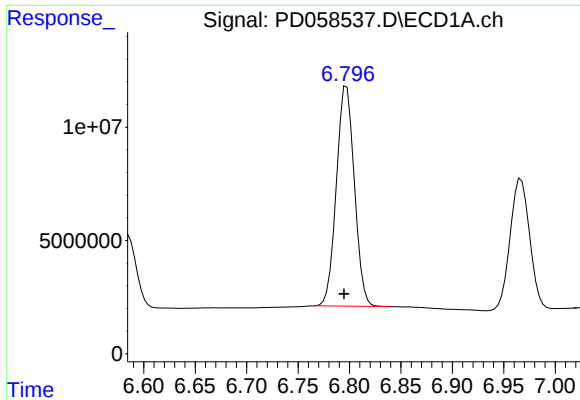
#20 Methoxychlor

R.T.: 6.585 min  
Delta R.T.: 0.001 min  
Response: 40212201  
Conc: 68.26 ng/ml



#20 Methoxychlor

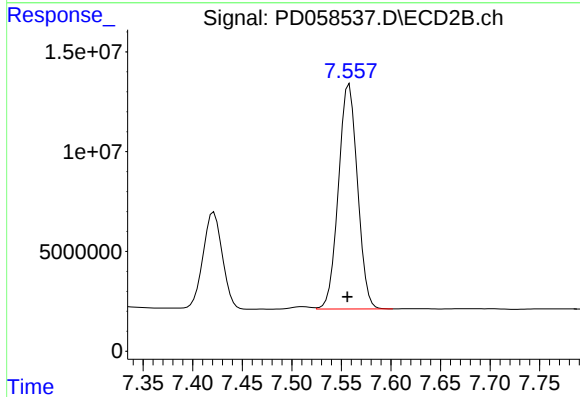
R.T.: 7.421 min  
Delta R.T.: 0.002 min  
Response: 65157718  
Conc: 54.20 ng/ml



#21 Endrin ketone

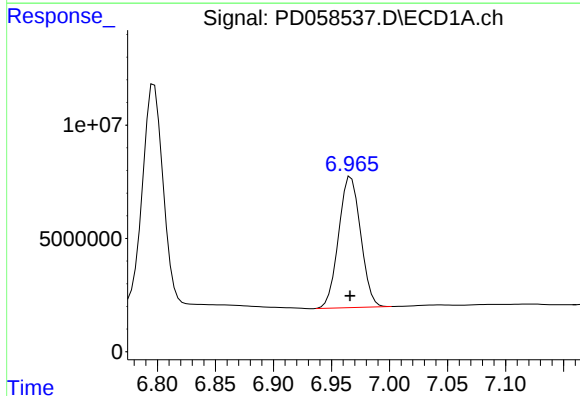
R.T.: 6.797 min  
Delta R.T.: 0.002 min  
Response: 118111348  
Conc: 64.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



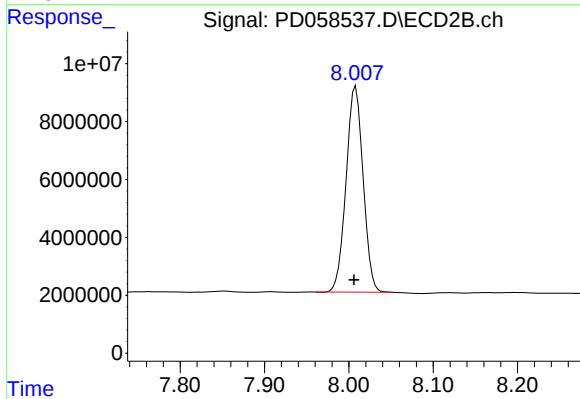
#21 Endrin ketone

R.T.: 7.558 min  
Delta R.T.: 0.002 min  
Response: 150667909  
Conc: 55.36 ng/ml



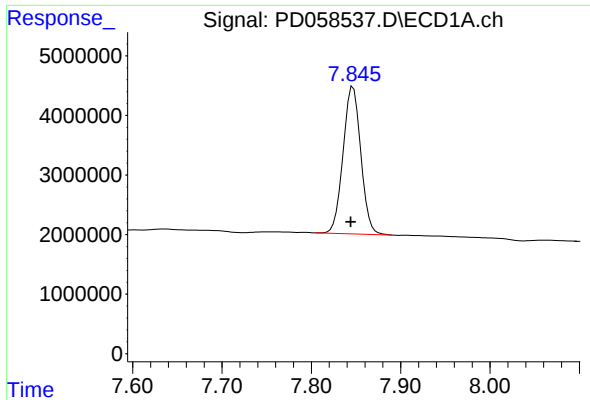
#22 Mirex

R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 76215387  
Conc: 50.60 ng/ml



#22 Mirex

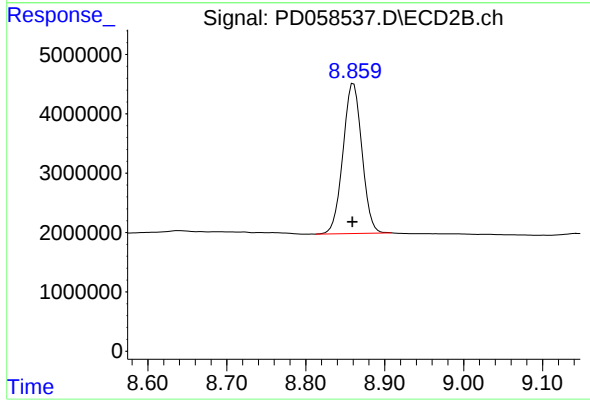
R.T.: 8.008 min  
Delta R.T.: 0.002 min  
Response: 99812049  
Conc: 51.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.847 min  
Delta R.T.: 0.003 min  
Response: 34062468  
Conc: 18.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-02-070720MSD



#28 Decachlorobiphenyl

R.T.: 8.861 min  
Delta R.T.: 0.001 min  
Response: 42140209  
Conc: 19.33 ng/ml