

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
 Data File : PD078551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2023 23:35  
 Operator : AR\AJ  
 Sample : PB156052BSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB156052BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 01:30:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.539 | 2.758 | 40147372 | 27455386 | 13.907 | 13.443 |
| 28)                         | SA Decachlor... | 9.077 | 7.893 | 57677231 | 33755964 | 15.552 | 14.876 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.996 | 3.259 | 209.3E6  | 130.2E6  | 43.106 | 43.430 |
| 3)                          | MA gamma-BHC... | 4.329 | 3.588 | 193.7E6  | 122.2E6  | 41.410 | 42.187 |
| 4)                          | MA Heptachlor   | 4.920 | 3.927 | 212.0E6  | 132.4E6  | 45.087 | 44.868 |
| 5)                          | MB Aldrin       | 5.262 | 4.206 | 205.1E6  | 124.9E6  | 42.463 | 42.108 |
| 6)                          | B beta-BHC      | 4.527 | 3.885 | 78099675 | 49838127 | 42.050 | 43.122 |
| 7)                          | B delta-BHC     | 4.776 | 4.114 | 192.6E6  | 120.6E6  | 42.755 | 42.155 |
| 8)                          | B Heptachlo...  | 5.690 | 4.707 | 182.2E6  | 116.7E6  | 43.381 | 43.179 |
| 9)                          | A Endosulfan I  | 6.077 | 5.078 | 172.8E6  | 110.2E6  | 44.236 | 43.806 |
| 10)                         | B gamma-Chl...  | 5.946 | 4.957 | 185.1E6  | 117.2E6  | 44.077 | 43.605 |
| 11)                         | B alpha-Chl...  | 6.026 | 5.022 | 184.4E6  | 116.2E6  | 43.766 | 43.268 |
| 12)                         | B 4,4'-DDE      | 6.198 | 5.210 | 176.9E6  | 112.0E6  | 44.196 | 44.007 |
| 13)                         | MA Dieldrin     | 6.352 | 5.342 | 180.8E6  | 117.9E6  | 43.093 | 42.237 |
| 14)                         | MA Endrin       | 6.583 | 5.618 | 152.7E6  | 107.9E6  | 45.471 | 43.594 |
| 15)                         | B Endosulfa...  | 6.803 | 5.912 | 148.6E6  | 97346521 | 41.284 | 40.892 |
| 16)                         | A 4,4'-DDD      | 6.717 | 5.765 | 135.2E6  | 88575784 | 45.436 | 44.762 |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.016 | 142.9E6  | 91664943 | 48.281 | 45.033 |
| 18)                         | B Endrin al...  | 6.933 | 6.091 | 103.9E6  | 77108624 | 38.886 | 41.593 |
| 19)                         | B Endosulfa...  | 7.169 | 6.314 | 142.8E6  | 97298104 | 44.436 | 43.856 |
| 20)                         | A Methoxychlor  | 7.508 | 6.591 | 74544630 | 47859895 | 44.666 | 43.867 |
| 21)                         | B Endrin ke...  | 7.655 | 6.821 | 157.7E6  | 112.9E6  | 43.899 | 43.020 |
| 22)                         | Mirex           | 8.129 | 7.001 | 117.5E6  | 87639206 | 43.985 | 43.006 |
| -----                       |                 |       |       |          |          |        |        |

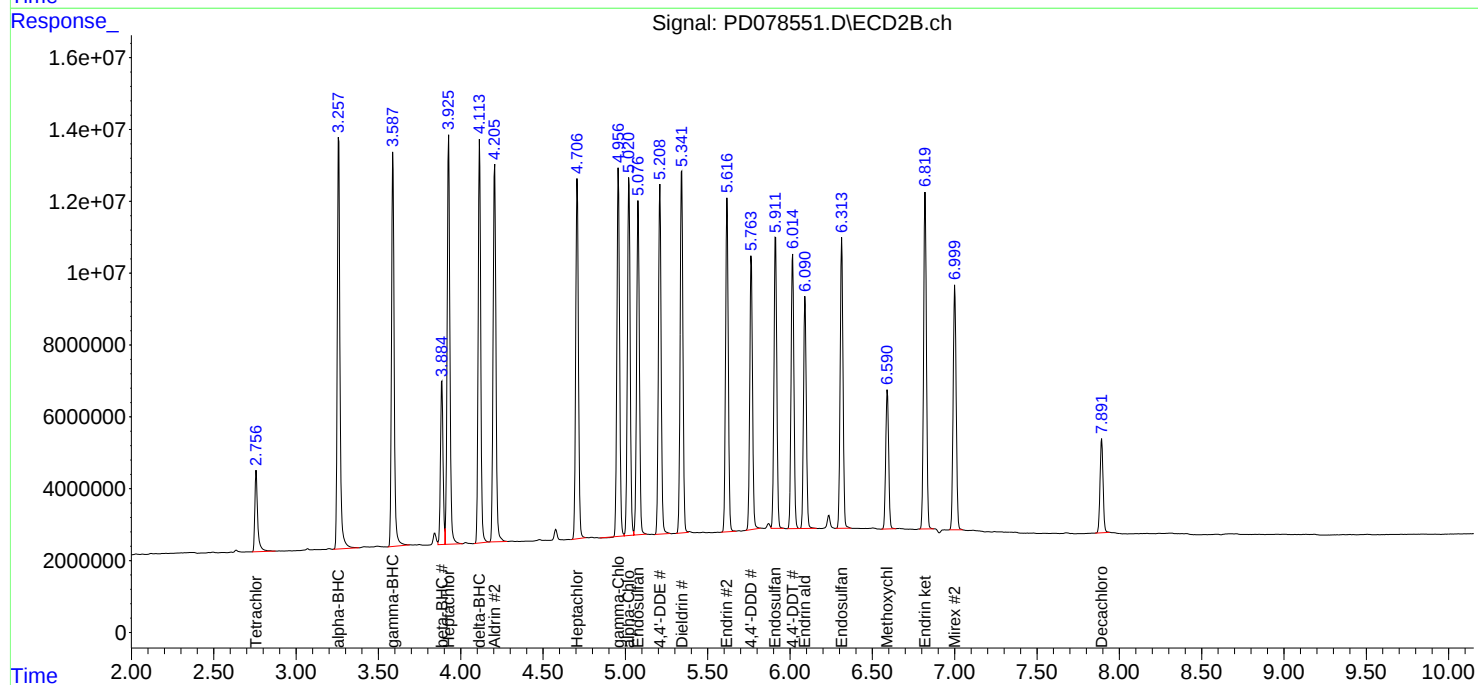
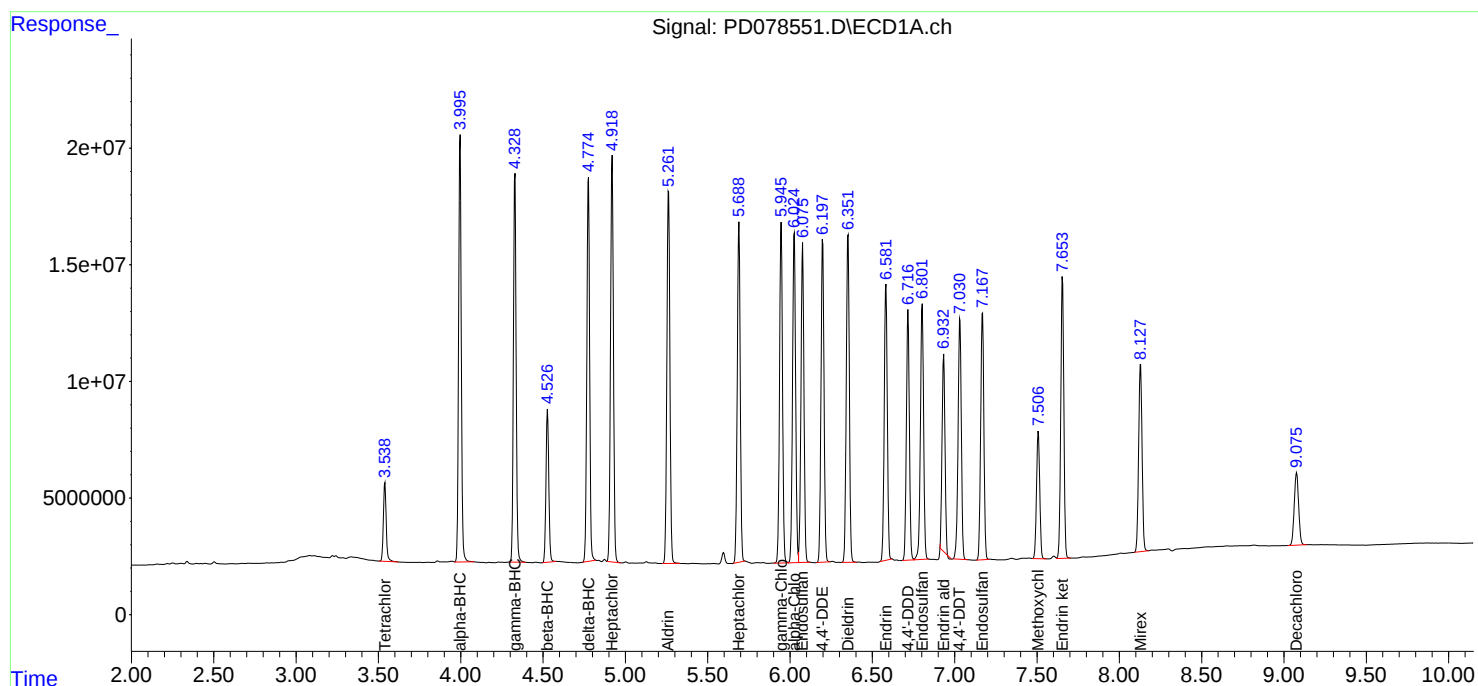
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

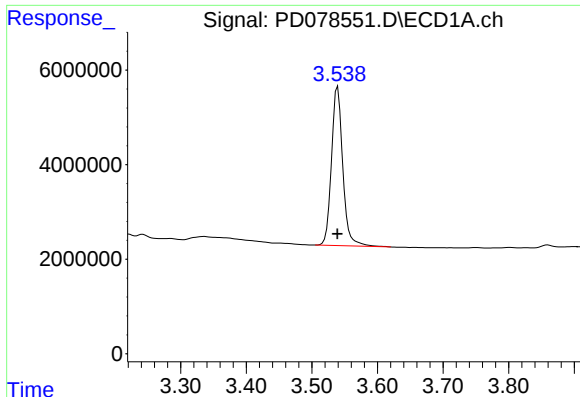
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
Data File : PD078551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2023 23:35  
Operator : AR\AJ  
Sample : PB156052BSD  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 01:30:18 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 01:10:04 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

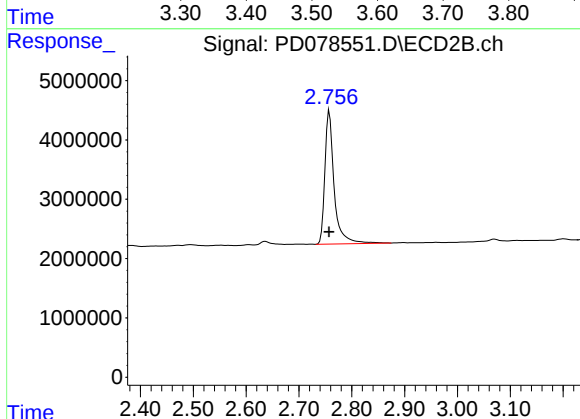




#1 Tetrachloro-m-xylene

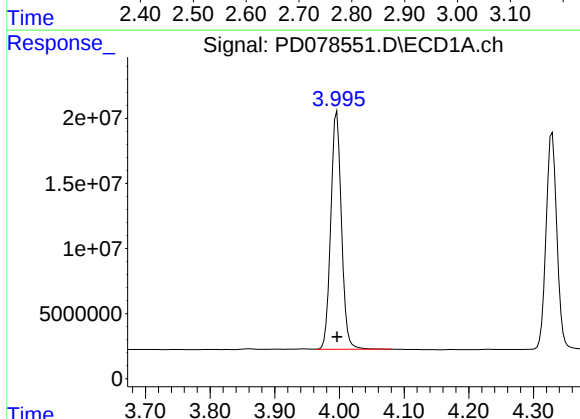
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 40147372  
Conc: 13.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



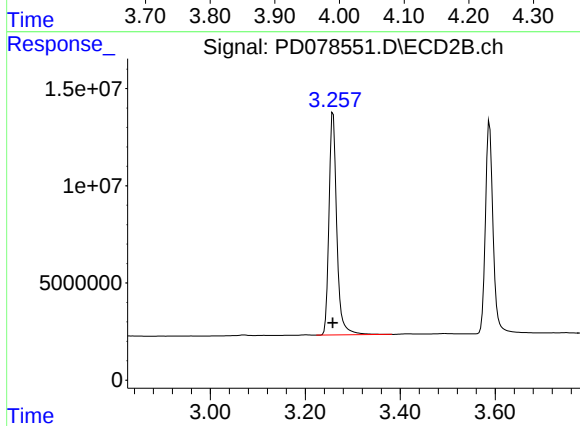
#1 Tetrachloro-m-xylene

R.T.: 2.758 min  
Delta R.T.: 0.000 min  
Response: 27455386  
Conc: 13.44 ng/ml



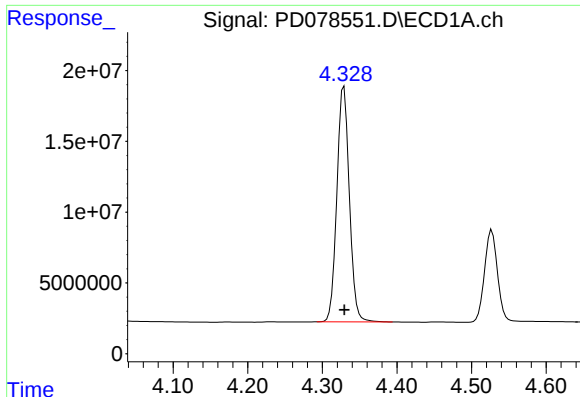
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.000 min  
Response: 209335377  
Conc: 43.11 ng/ml



#2 alpha-BHC

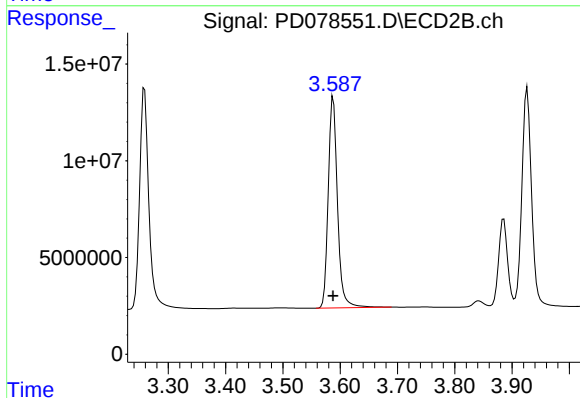
R.T.: 3.259 min  
Delta R.T.: 0.000 min  
Response: 130183385  
Conc: 43.43 ng/ml



#3 gamma-BHC (Lindane)

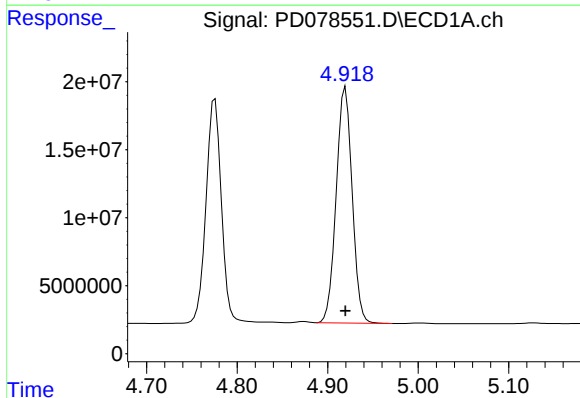
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 193722256  
Conc: 41.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



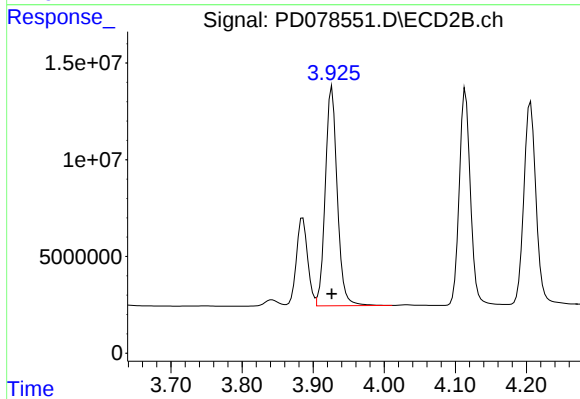
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: 0.000 min  
Response: 122223925  
Conc: 42.19 ng/ml



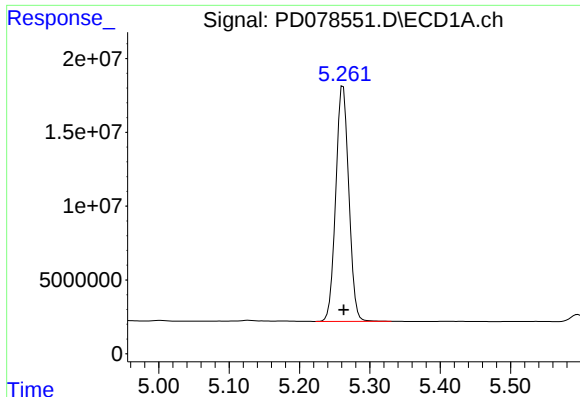
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 211974377  
Conc: 45.09 ng/ml



#4 Heptachlor

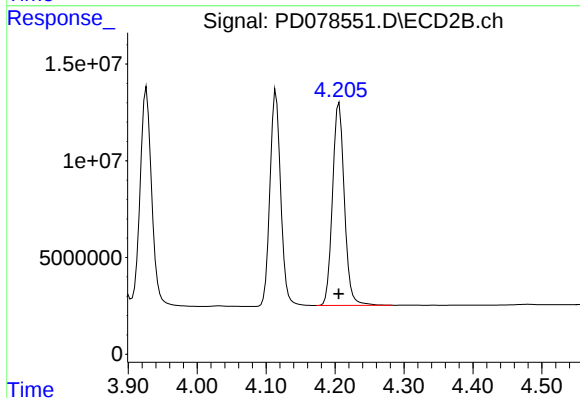
R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 132381345  
Conc: 44.87 ng/ml



#5 Aldrin

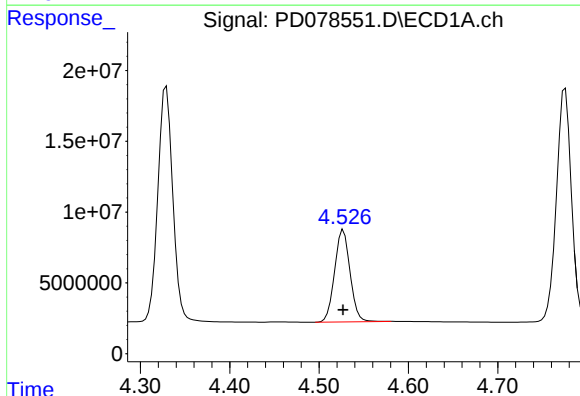
R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 205141327  
Conc: 42.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



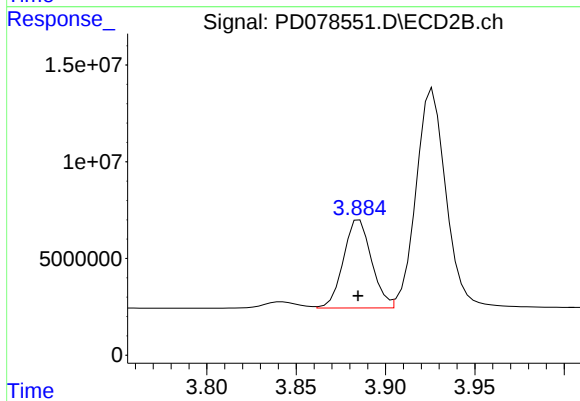
#5 Aldrin

R.T.: 4.206 min  
Delta R.T.: 0.000 min  
Response: 124931004  
Conc: 42.11 ng/ml



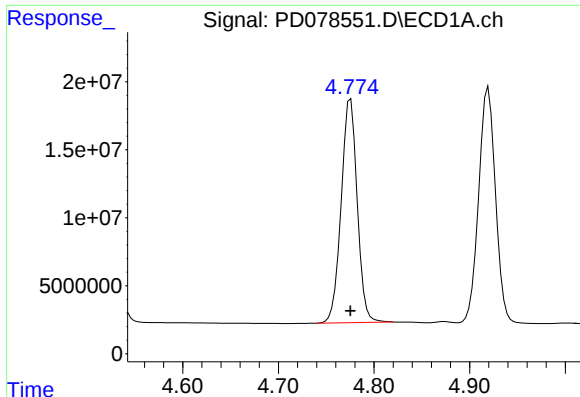
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 78099675  
Conc: 42.05 ng/ml



#6 beta-BHC

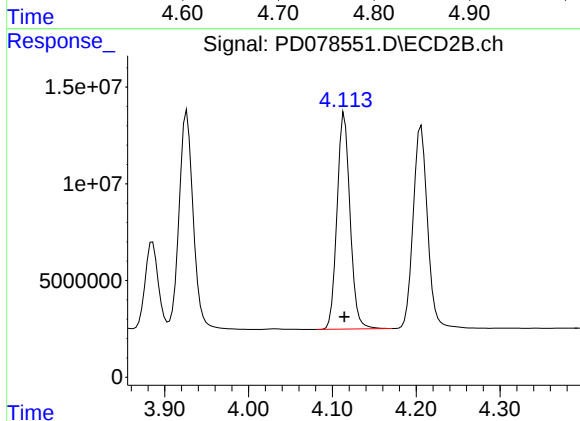
R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 49838127  
Conc: 43.12 ng/ml



#7 delta-BHC

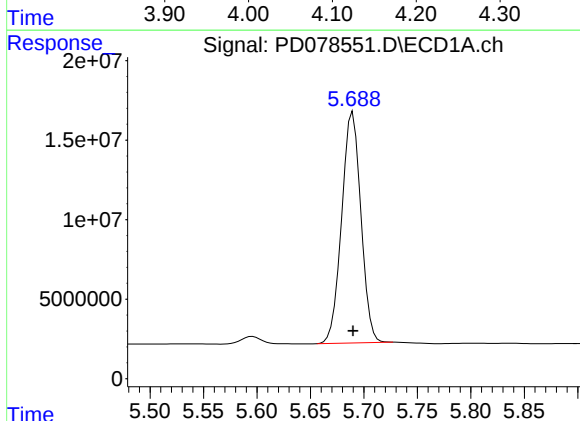
R.T.: 4.776 min  
Delta R.T.: 0.000 min  
Response: 192571915  
Conc: 42.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



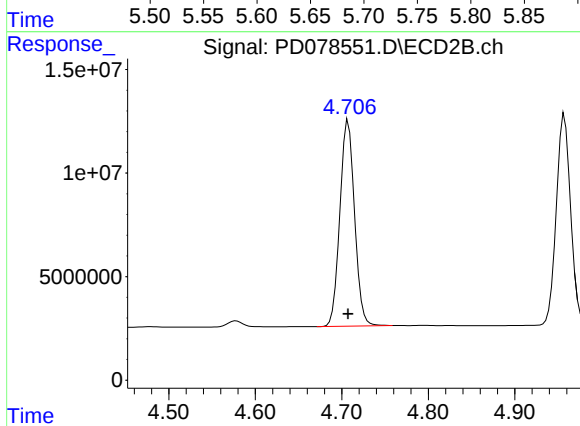
#7 delta-BHC

R.T.: 4.114 min  
Delta R.T.: 0.000 min  
Response: 120614115  
Conc: 42.15 ng/ml



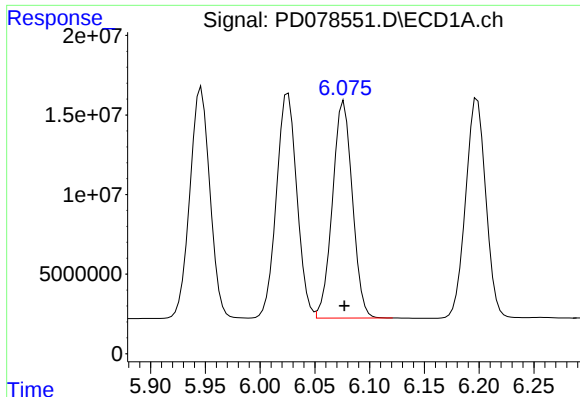
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 182202090  
Conc: 43.38 ng/ml



#8 Heptachlor epoxide

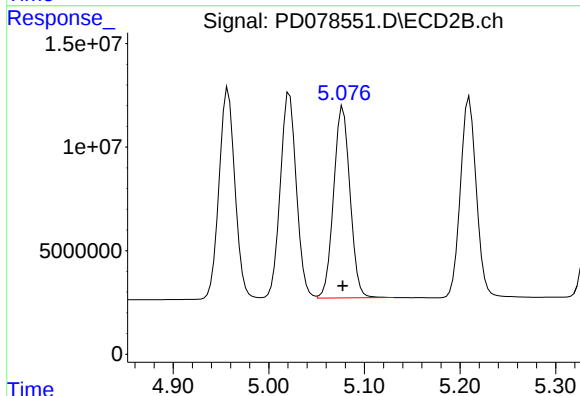
R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 116702106  
Conc: 43.18 ng/ml



#9 Endosulfan I

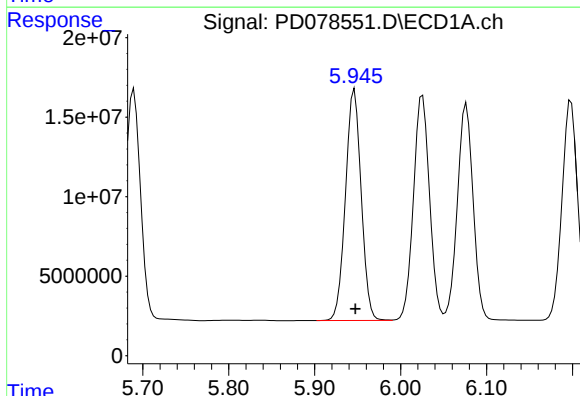
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 172822013  
Conc: 44.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



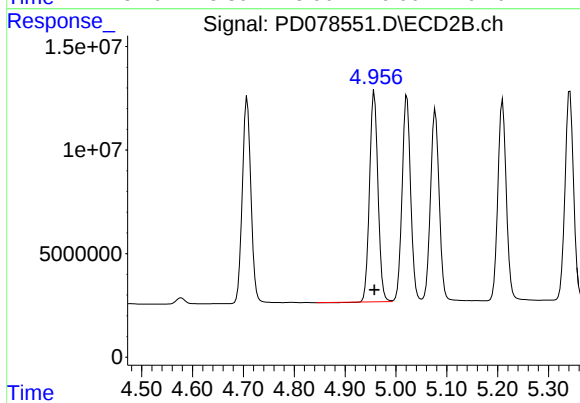
#9 Endosulfan I

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 110157165  
Conc: 43.81 ng/ml



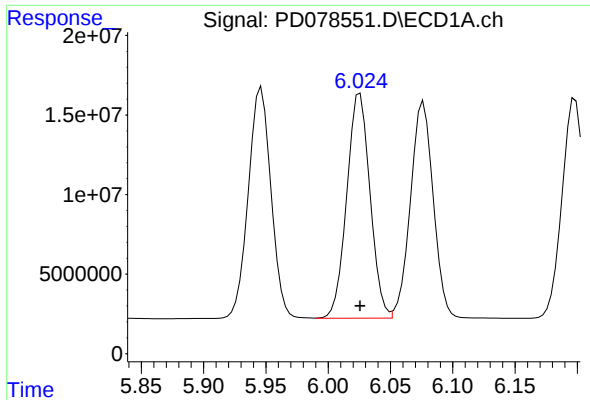
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.001 min  
Response: 185085110  
Conc: 44.08 ng/ml



#10 gamma-Chlordane

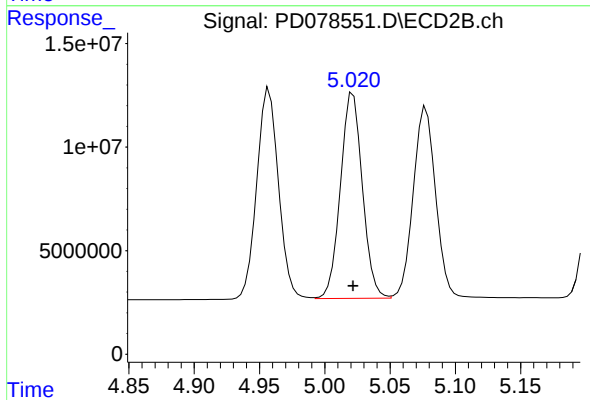
R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 117183387  
Conc: 43.61 ng/ml



#11 alpha-Chlordane

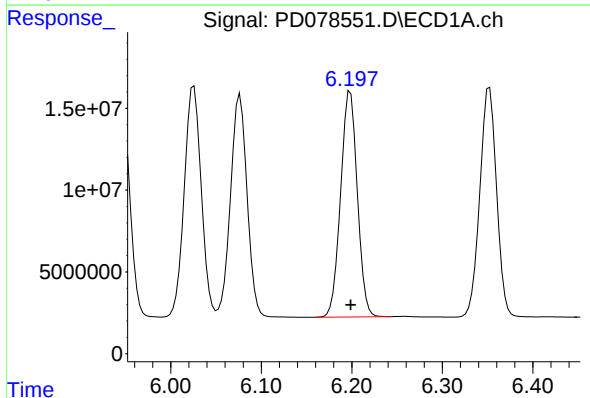
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 184395902  
Conc: 43.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



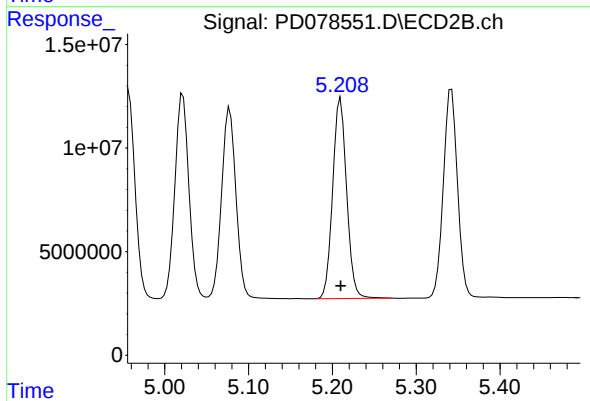
#11 alpha-Chlordane

R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 116183051  
Conc: 43.27 ng/ml



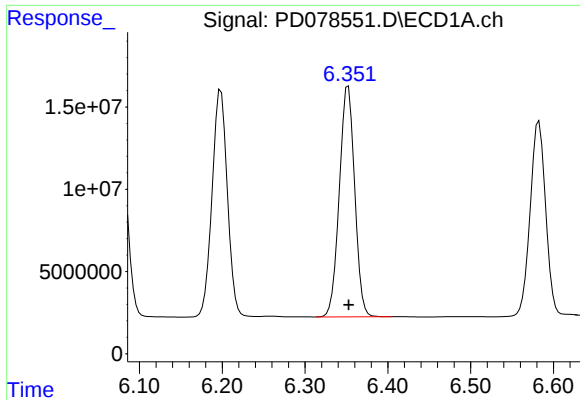
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 176899004  
Conc: 44.20 ng/ml



#12 4,4'-DDE

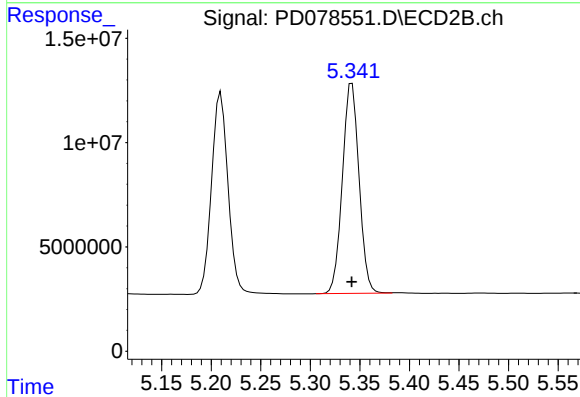
R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 111970495  
Conc: 44.01 ng/ml



#13 Dieldrin

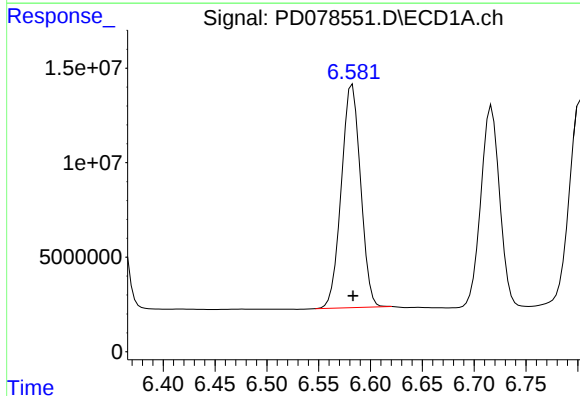
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 180784418  
Conc: 43.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



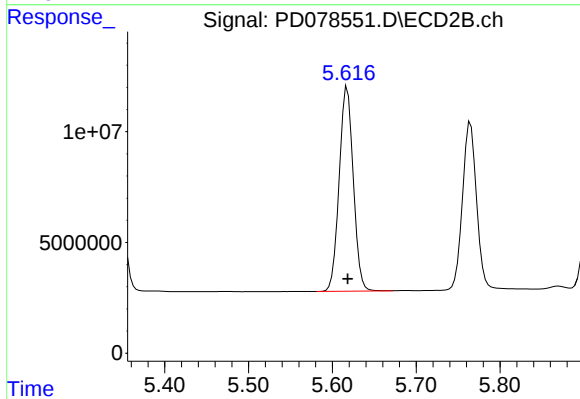
#13 Dieldrin

R.T.: 5.342 min  
Delta R.T.: 0.000 min  
Response: 117910204  
Conc: 42.24 ng/ml



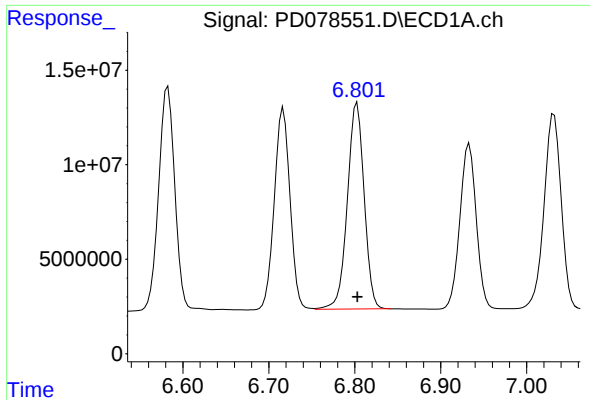
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 152706551  
Conc: 45.47 ng/ml



#14 Endrin

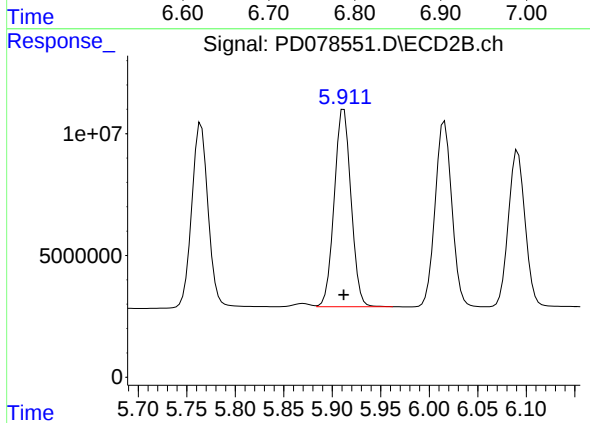
R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 107860173  
Conc: 43.59 ng/ml



#15 Endosulfan II

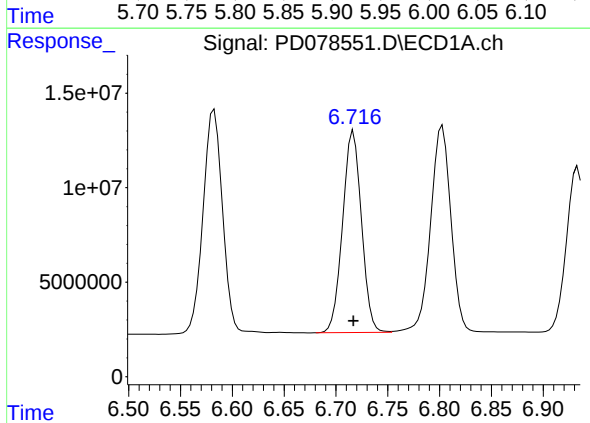
R.T.: 6.803 min  
Delta R.T.: 0.000 min  
Response: 148599873  
Conc: 41.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



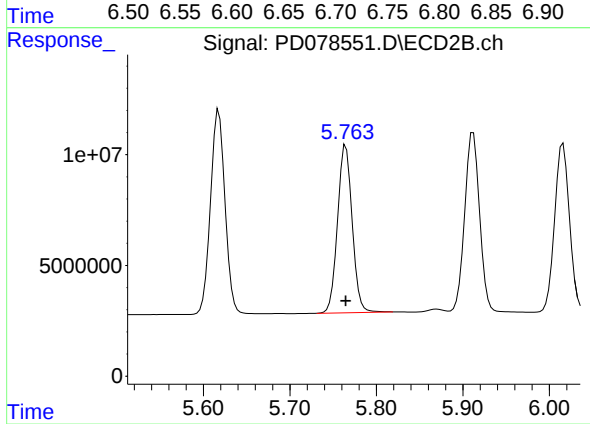
#15 Endosulfan II

R.T.: 5.912 min  
Delta R.T.: 0.000 min  
Response: 97346521  
Conc: 40.89 ng/ml



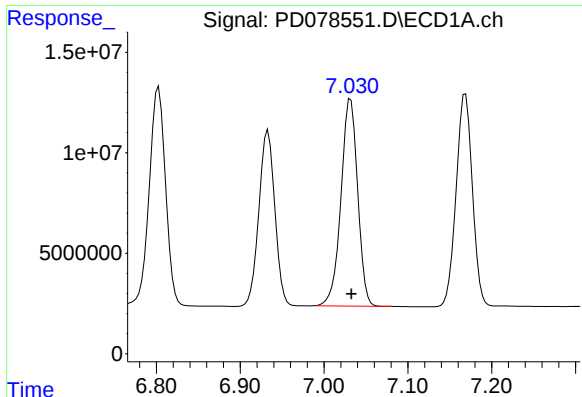
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: 0.000 min  
Response: 135196547  
Conc: 45.44 ng/ml



#16 4,4'-DDD

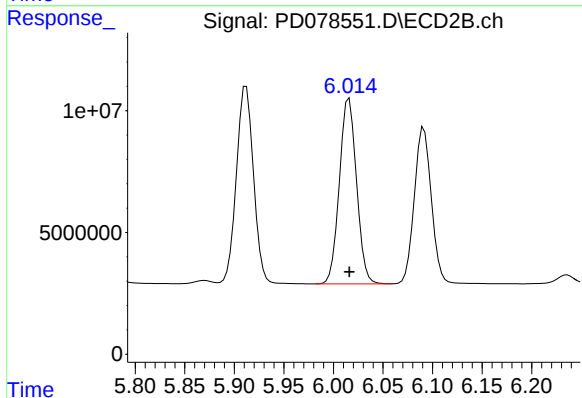
R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 88575784  
Conc: 44.76 ng/ml



#17 4,4'-DDT

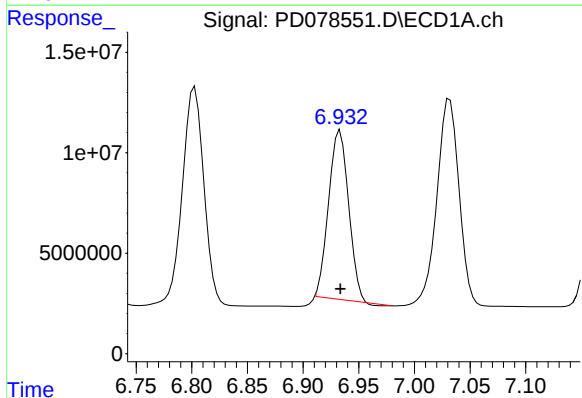
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 142877893  
Conc: 48.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



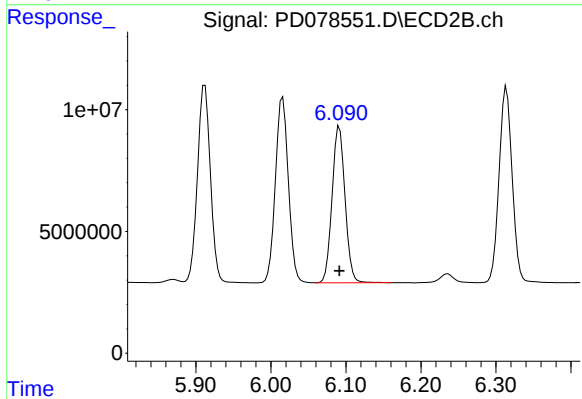
#17 4,4'-DDT

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 91664943  
Conc: 45.03 ng/ml



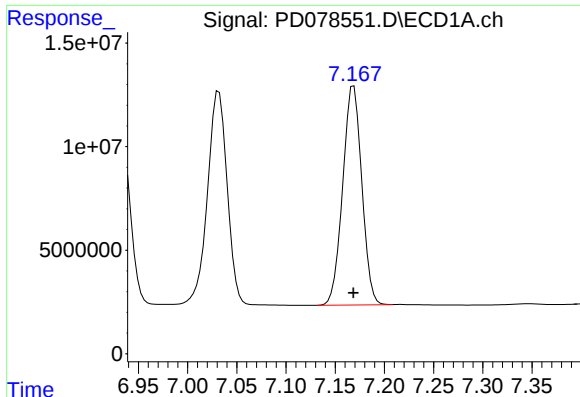
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 103886865  
Conc: 38.89 ng/ml



#18 Endrin aldehyde

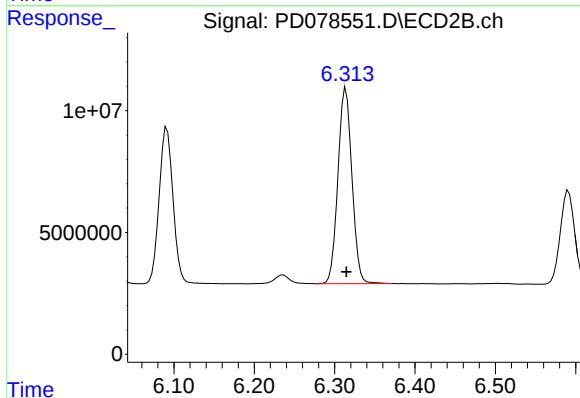
R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 77108624  
Conc: 41.59 ng/ml



#19 Endosulfan Sulfate

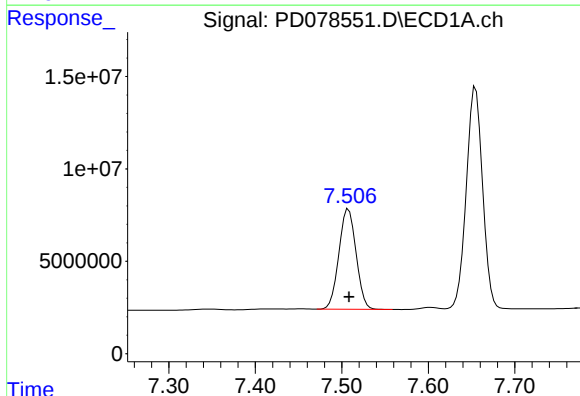
R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 142770638  
Conc: 44.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



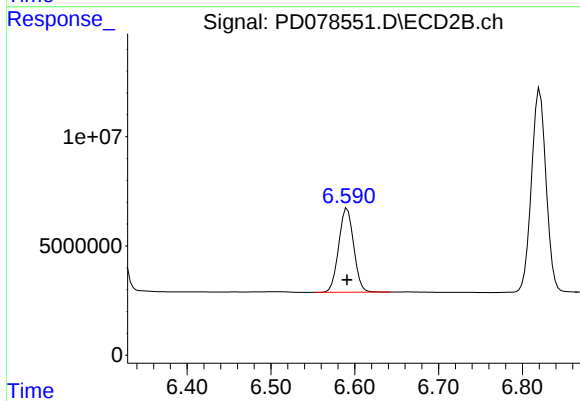
#19 Endosulfan Sulfate

R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 97298104  
Conc: 43.86 ng/ml



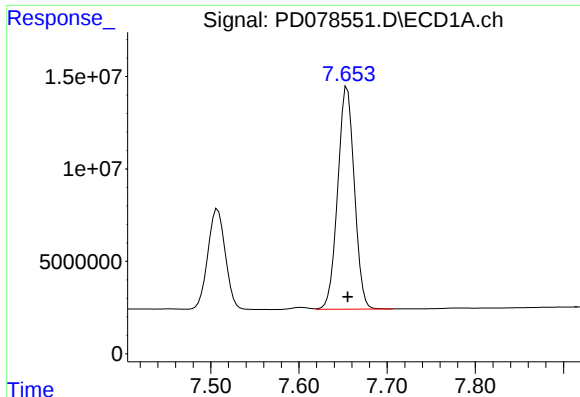
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.000 min  
Response: 74544630  
Conc: 44.67 ng/ml



#20 Methoxychlor

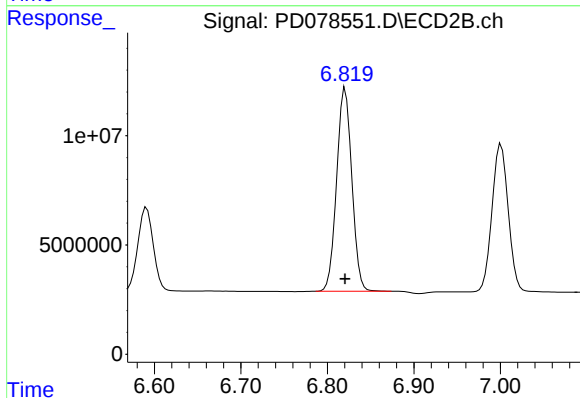
R.T.: 6.591 min  
Delta R.T.: 0.000 min  
Response: 47859895  
Conc: 43.87 ng/ml



#21 Endrin ketone

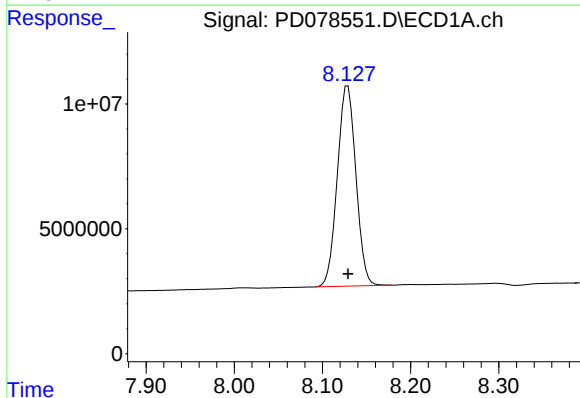
R.T.: 7.655 min  
Delta R.T.: 0.000 min  
Response: 157725687  
Conc: 43.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



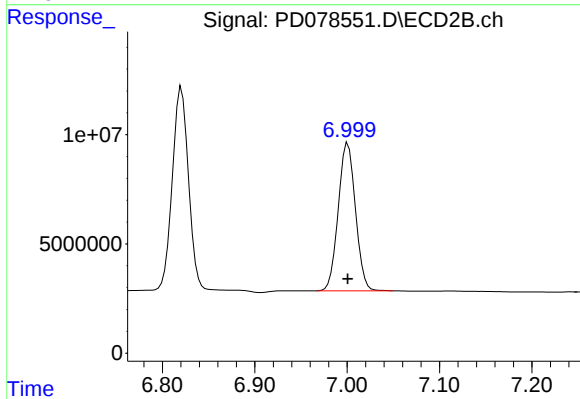
#21 Endrin ketone

R.T.: 6.821 min  
Delta R.T.: 0.000 min  
Response: 112910595  
Conc: 43.02 ng/ml



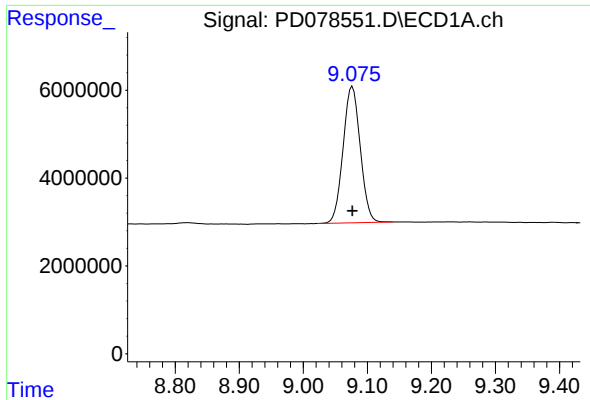
#22 Mirex

R.T.: 8.129 min  
Delta R.T.: 0.000 min  
Response: 117482842  
Conc: 43.99 ng/ml



#22 Mirex

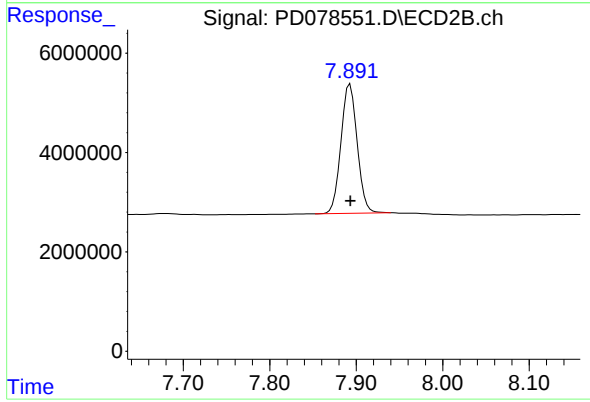
R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 87639206  
Conc: 43.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: 0.000 min  
Response: 57677231  
Conc: 15.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB156052BSD



#28 Decachlorobiphenyl

R.T.: 7.893 min  
Delta R.T.: 0.000 min  
Response: 33755964  
Conc: 14.88 ng/ml