

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052025\  
 Data File : PD088654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2025 15:55  
 Operator : AR\AJ  
 Sample : PB168082BS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168082BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 03:34:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 2025  
 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...          | 3.551 | 2.882 | 44483758 | 342.1E6  | 20.559 | 22.615 |
| 28) SA Decachlor...         | 9.076 | 8.074 | 68721479 | 330.3E6  | 20.080 | 18.093 |
| Target Compounds            |       |       |          |          |        |        |
| 2) A alpha-BHC              | 4.000 | 3.394 | 252.6E6  | 1263.6E6 | 52.873 | 52.862 |
| 3) MA gamma-BHC...          | 4.331 | 3.731 | 242.1E6  | 1171.2E6 | 52.598 | 52.838 |
| 4) MA Heptachlor            | 4.930 | 4.084 | 229.4E6  | 1126.0E6 | 51.299 | 50.145 |
| 5) MB Aldrin                | 5.273 | 4.370 | 233.1E6  | 1146.0E6 | 53.040 | 52.258 |
| 6) B beta-BHC               | 4.517 | 4.026 | 92633174 | 504.9E6  | 51.373 | 51.827 |
| 7) B delta-BHC              | 4.765 | 4.263 | 221.1E6  | 1106.0E6 | 52.328 | 49.609 |
| 8) B Heptachlo...           | 5.692 | 4.874 | 208.8E6  | 1020.2E6 | 52.606 | 51.338 |
| 9) A Endosulfan I           | 6.076 | 5.248 | 195.2E6  | 953.2E6  | 51.866 | 50.224 |
| 10) B gamma-Chl...          | 5.948 | 5.127 | 207.4E6  | 1088.6E6 | 51.999 | 51.030 |
| 11) B alpha-Chl...          | 6.029 | 5.192 | 207.2E6  | 1041.5E6 | 51.714 | 50.495 |
| 12) B 4,4'-DDE              | 6.197 | 5.377 | 184.6E6  | 1051.1E6 | 51.438 | 50.284 |
| 13) MA Dieldrin             | 6.348 | 5.514 | 208.3E6  | 1057.8E6 | 51.927 | 50.265 |
| 14) MA Endrin               | 6.576 | 5.791 | 172.2E6  | 941.5E6  | 50.428 | 48.822 |
| 15) B Endosulfa...          | 6.788 | 6.082 | 172.3E6  | 886.2E6  | 50.042 | 48.366 |
| 16) A 4,4'-DDD              | 6.707 | 5.931 | 151.7E6  | 896.9E6  | 54.467 | 51.567 |
| 17) MA 4,4'-DDT             | 7.023 | 6.185 | 134.5E6  | 753.0E6  | 43.081 | 41.518 |
| 18) B Endrin al...          | 6.917 | 6.260 | 122.6E6  | 639.0E6  | 47.604 | 45.877 |
| 19) B Endosulfa...          | 7.151 | 6.484 | 155.9E6  | 825.7E6  | 48.685 | 46.502 |
| 20) A Methoxychlor          | 7.495 | 6.756 | 71728445 | 393.7E6  | 42.937 | 41.116 |
| 21) B Endrin ke...          | 7.632 | 6.993 | 172.9E6  | 902.3E6  | 50.506 | 46.636 |
| 22) Mirex                   | 8.116 | 7.187 | 126.9E6  | 665.0E6  | 48.859 | 43.741 |

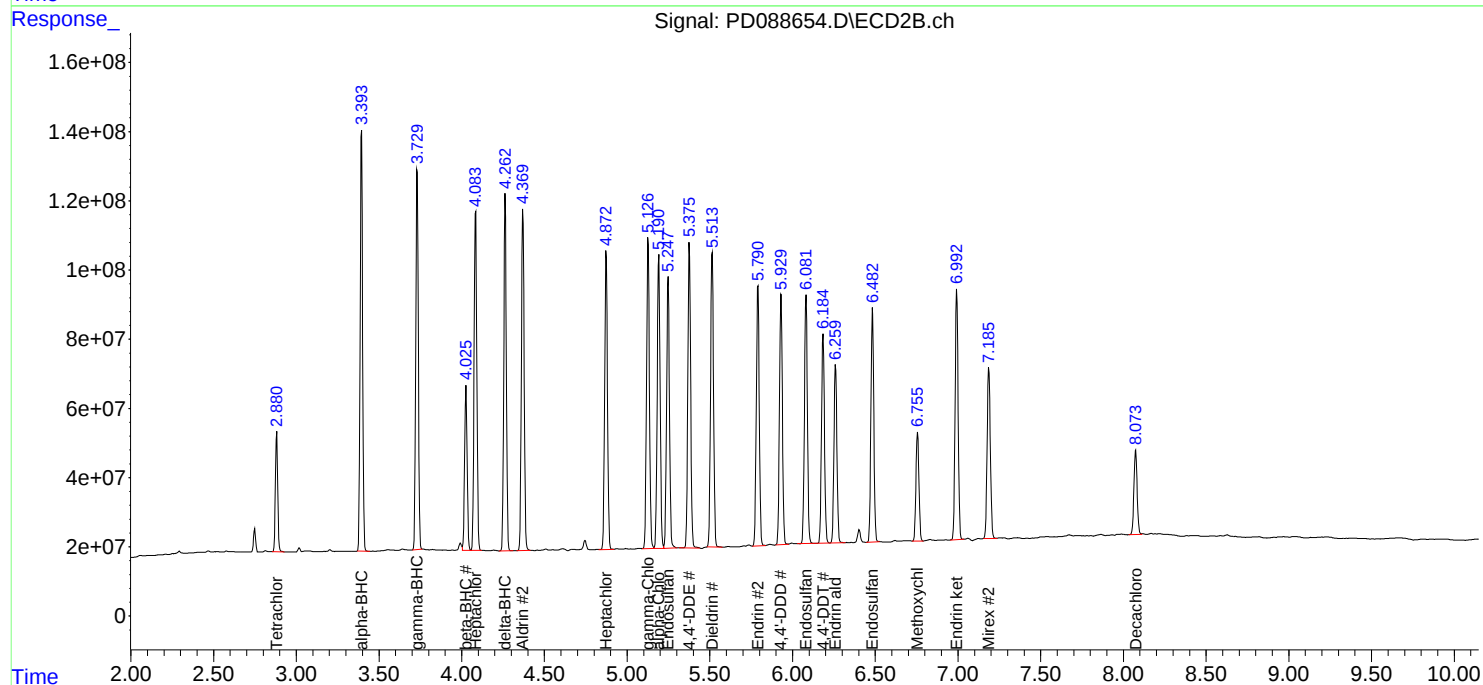
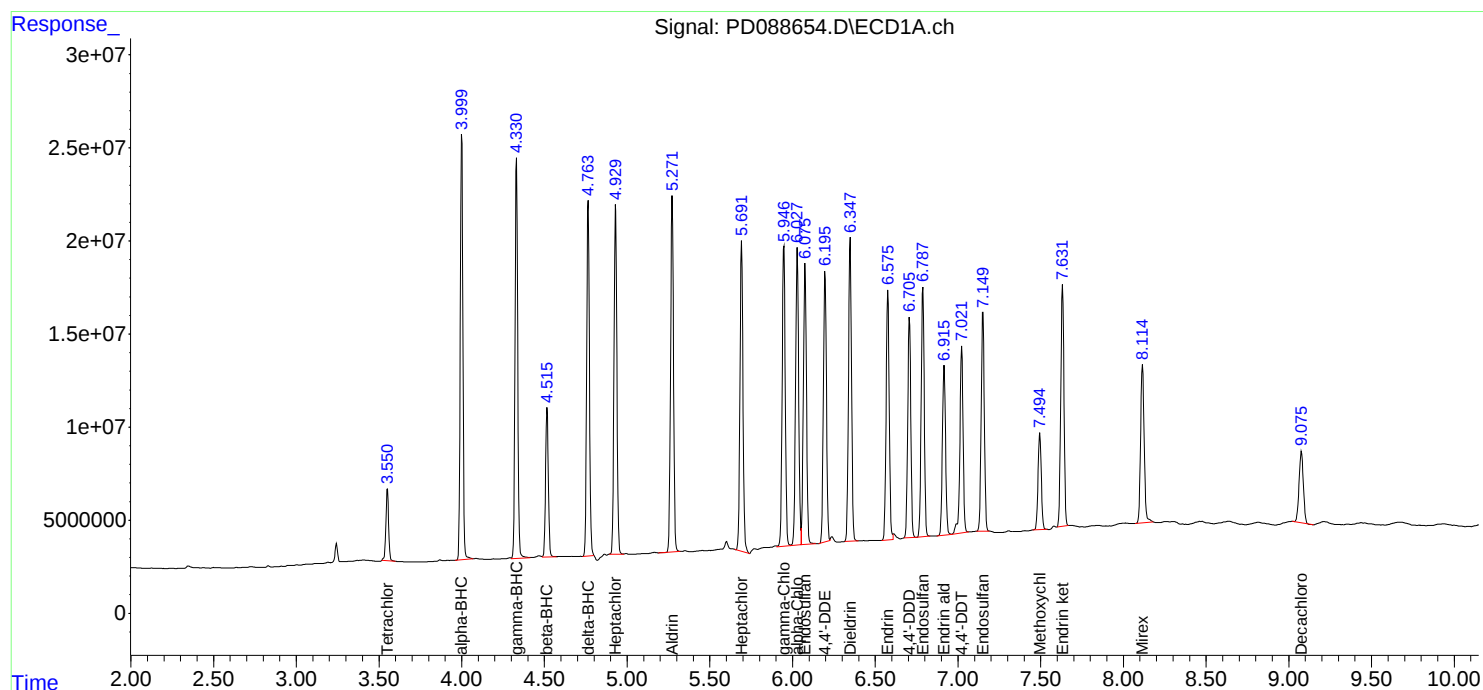
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

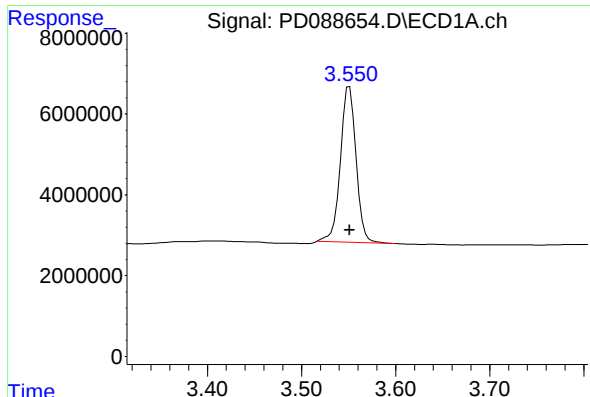
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052025\  
Data File : PD088654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 May 2025 15:55  
Operator : AR\AJ  
Sample : PB168082BS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 03:34:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
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QLast Update : Mon May 19 15:27:28 2025  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

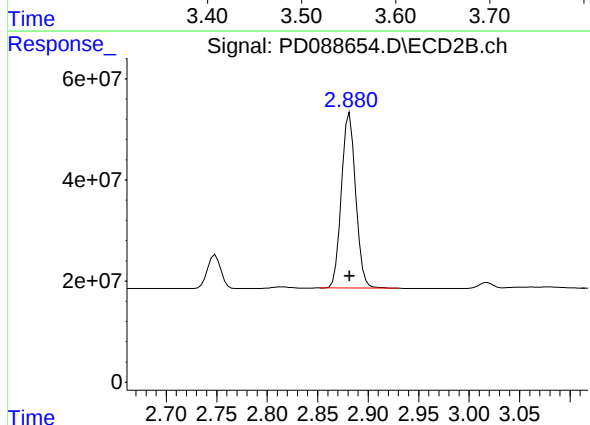




#1 Tetrachloro-m-xylene

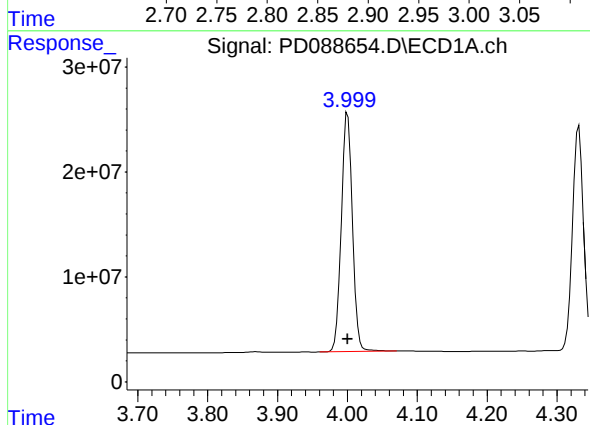
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 44483758  
Conc: 20.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



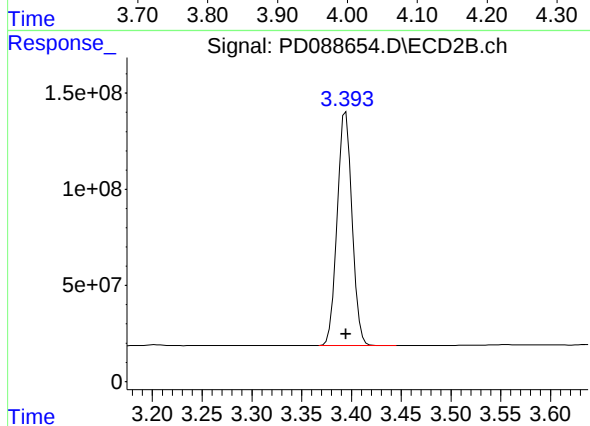
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 342090502  
Conc: 22.61 ng/ml



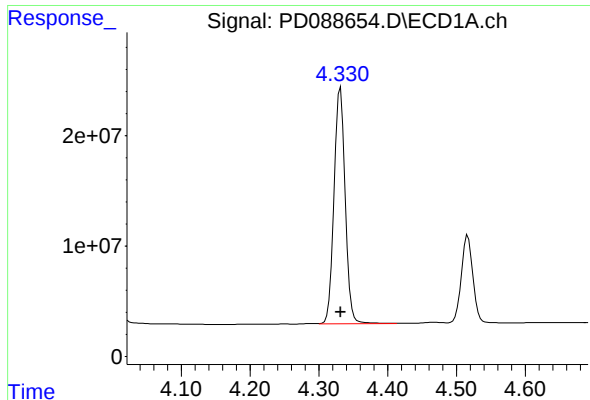
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 252551956  
Conc: 52.87 ng/ml



#2 alpha-BHC

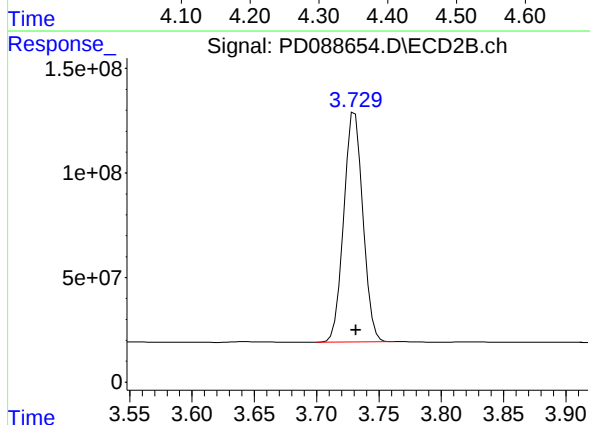
R.T.: 3.394 min  
Delta R.T.: 0.000 min  
Response: 1263610633  
Conc: 52.86 ng/ml



#3 gamma-BHC (Lindane)

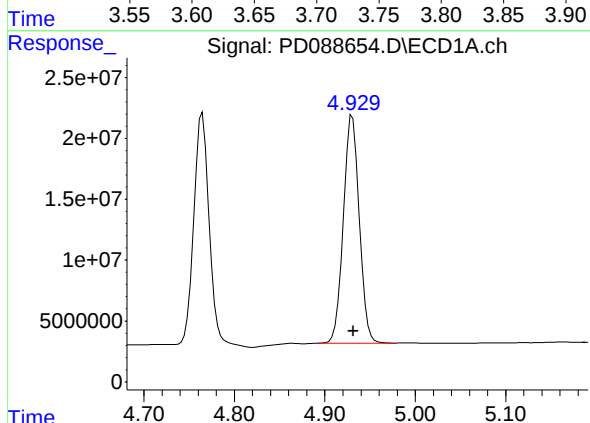
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 242092997  
Conc: 52.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



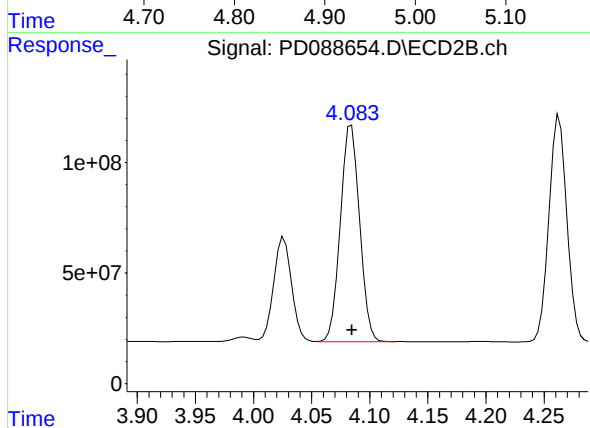
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: 0.000 min  
Response: 1171183047  
Conc: 52.84 ng/ml



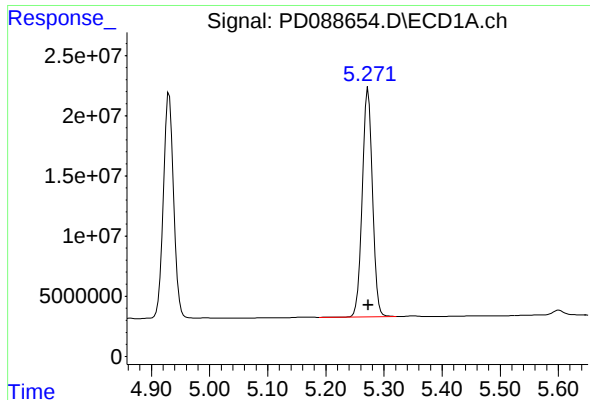
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: -0.001 min  
Response: 229367428  
Conc: 51.30 ng/ml



#4 Heptachlor

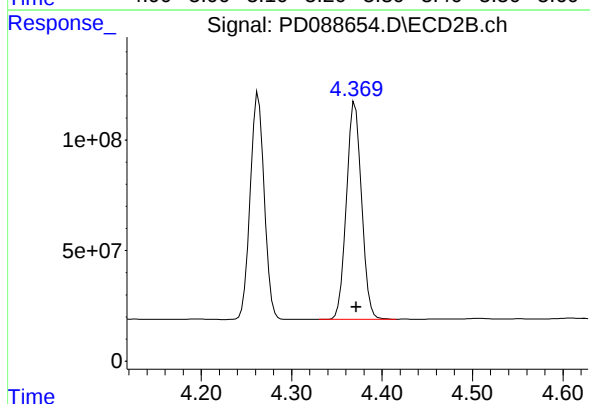
R.T.: 4.084 min  
Delta R.T.: 0.000 min  
Response: 1126002138  
Conc: 50.15 ng/ml



#5 Aldrin

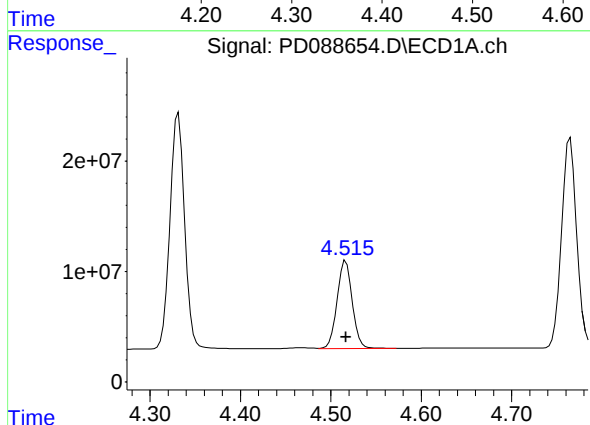
R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 233084689  
Conc: 53.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



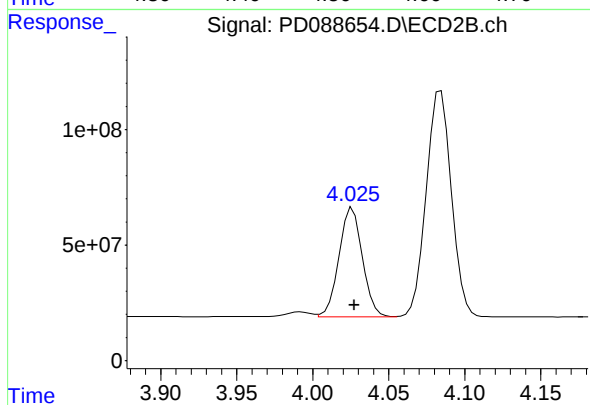
#5 Aldrin

R.T.: 4.370 min  
Delta R.T.: -0.001 min  
Response: 1146000847  
Conc: 52.26 ng/ml



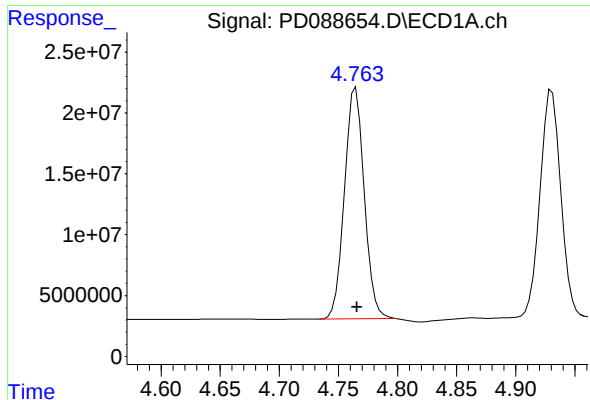
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 92633174  
Conc: 51.37 ng/ml



#6 beta-BHC

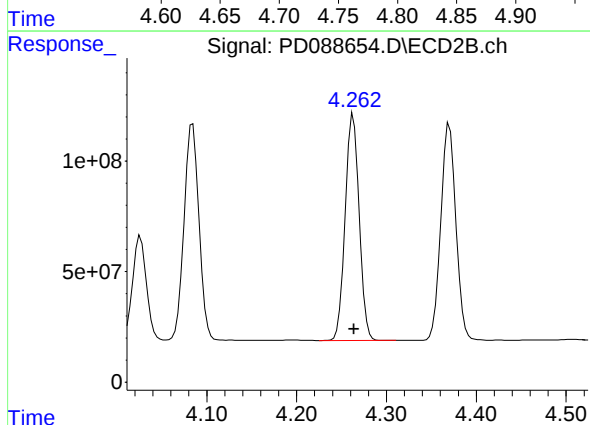
R.T.: 4.026 min  
Delta R.T.: -0.001 min  
Response: 504896295  
Conc: 51.83 ng/ml



#7 delta-BHC

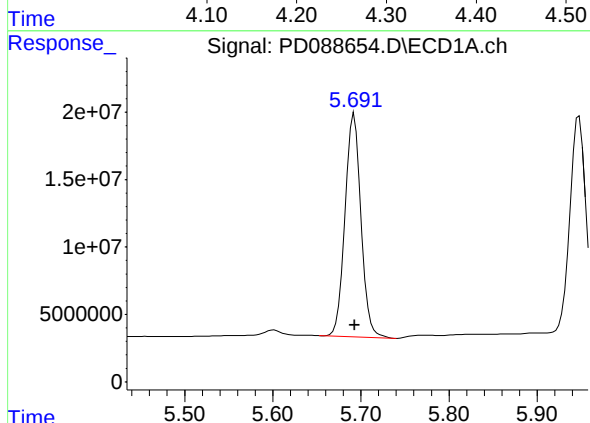
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 221144400  
Conc: 52.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



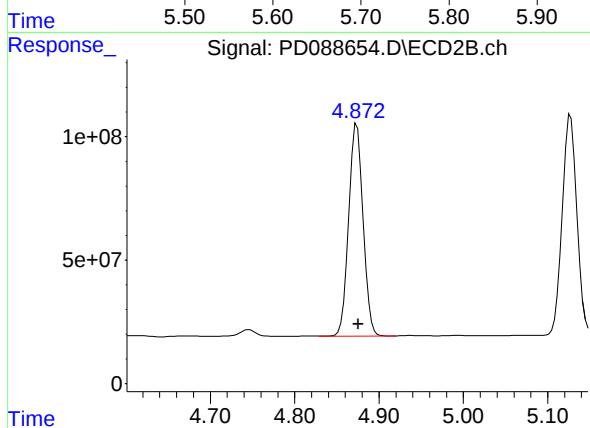
#7 delta-BHC

R.T.: 4.263 min  
Delta R.T.: 0.000 min  
Response: 1105980728  
Conc: 49.61 ng/ml



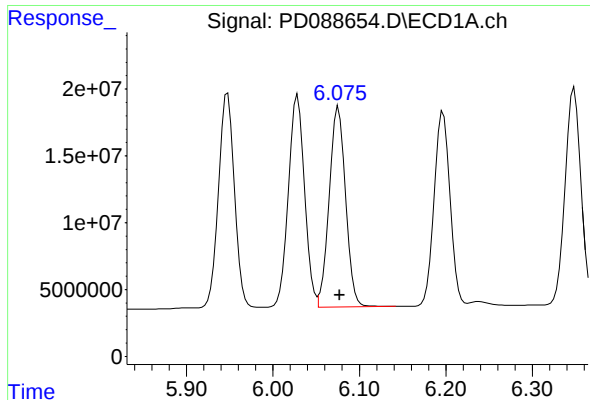
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 208810223  
Conc: 52.61 ng/ml



#8 Heptachlor epoxide

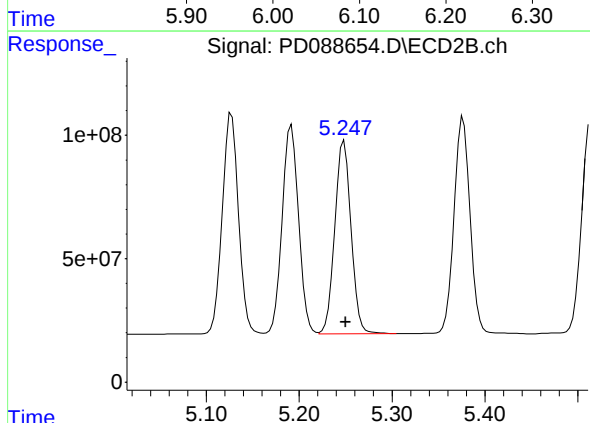
R.T.: 4.874 min  
Delta R.T.: -0.002 min  
Response: 1020155645  
Conc: 51.34 ng/ml



#9 Endosulfan I

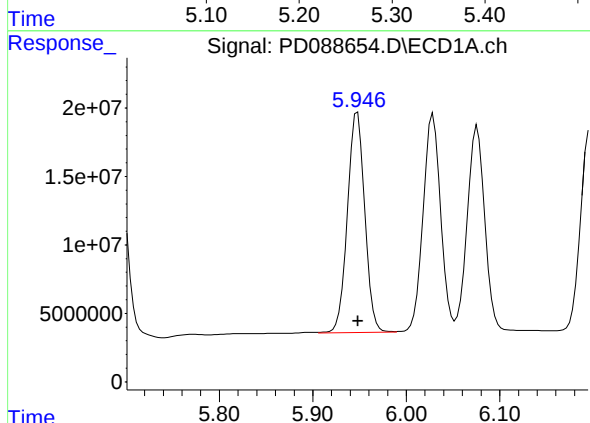
R.T.: 6.076 min  
Delta R.T.: -0.001 min  
Response: 195167594  
Conc: 51.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



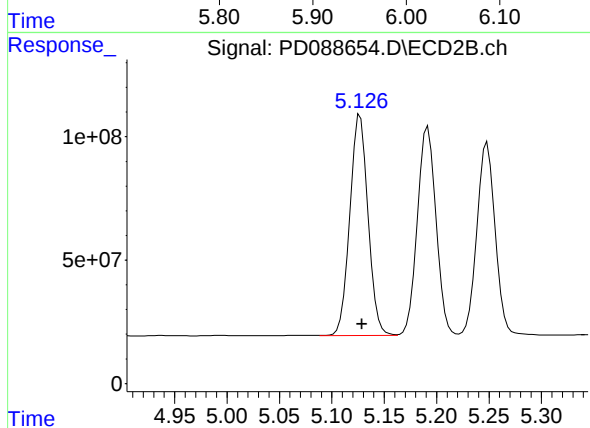
#9 Endosulfan I

R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 953169137  
Conc: 50.22 ng/ml



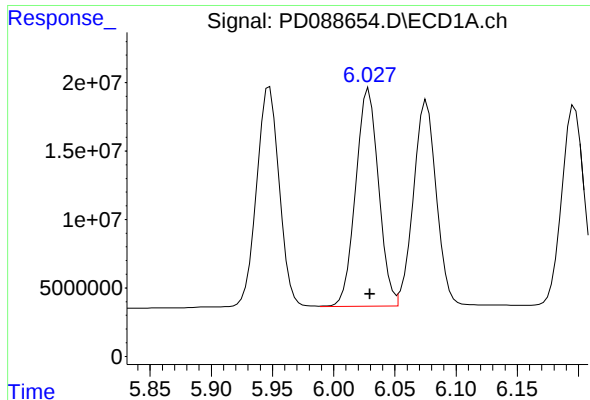
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 207422236  
Conc: 52.00 ng/ml



#10 gamma-Chlordane

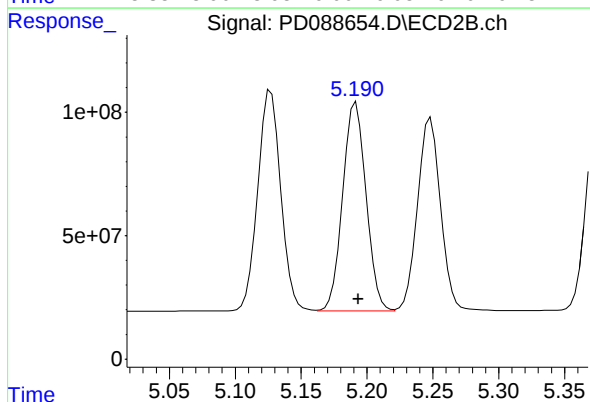
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 1088567205  
Conc: 51.03 ng/ml



#11 alpha-Chlordane

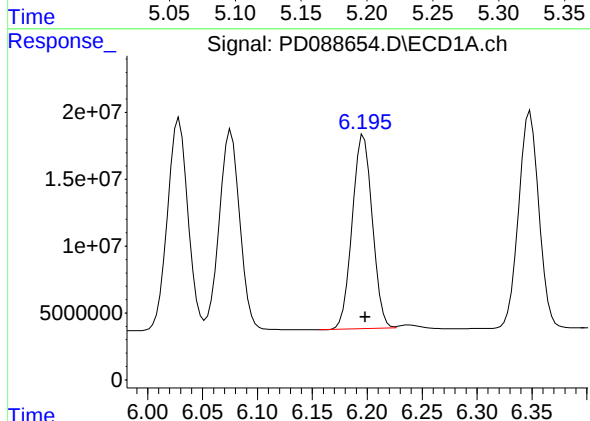
R.T.: 6.029 min  
Delta R.T.: -0.001 min  
Response: 207182438  
Conc: 51.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



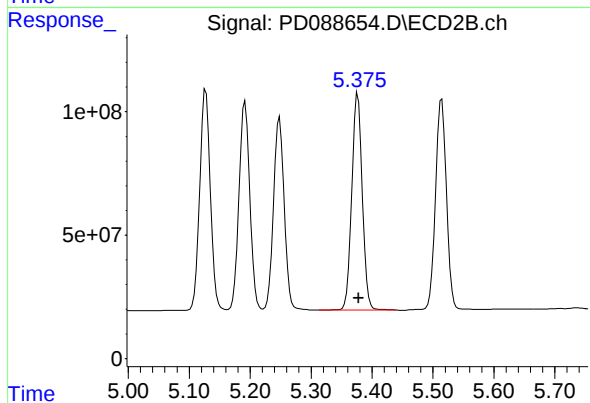
#11 alpha-Chlordane

R.T.: 5.192 min  
Delta R.T.: -0.002 min  
Response: 1041459320  
Conc: 50.50 ng/ml



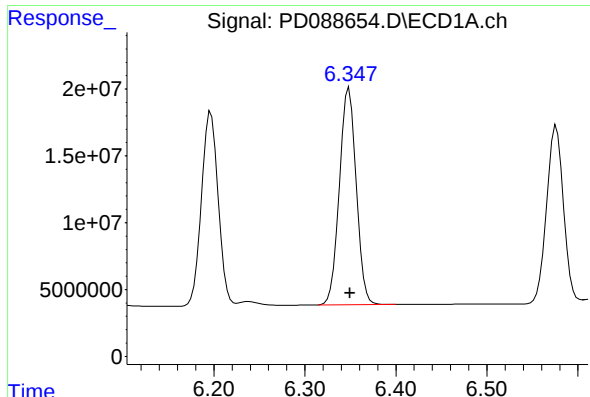
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: -0.001 min  
Response: 184631620  
Conc: 51.44 ng/ml



#12 4,4'-DDE

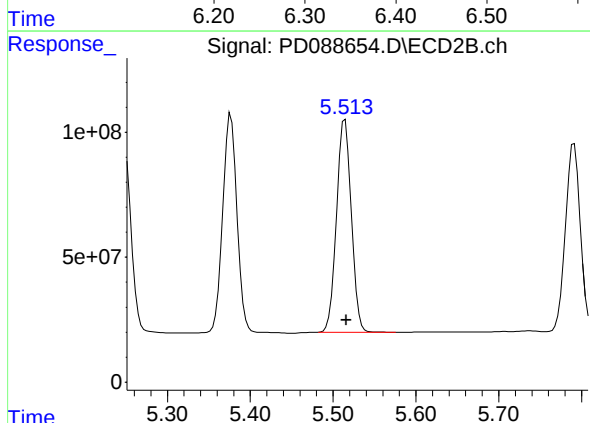
R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 1051062227  
Conc: 50.28 ng/ml



#13 Dieldrin

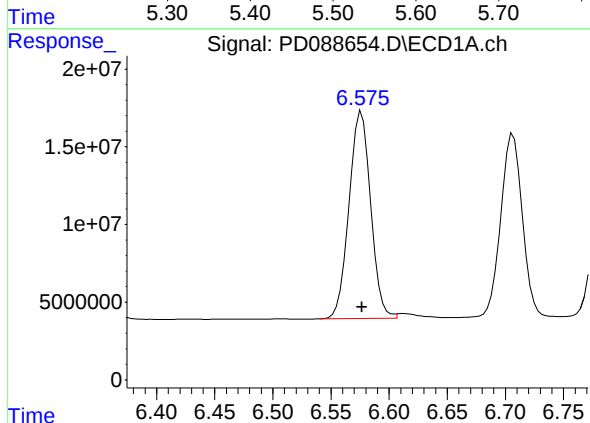
R.T.: 6.348 min  
Delta R.T.: -0.001 min  
Response: 208315795  
Conc: 51.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



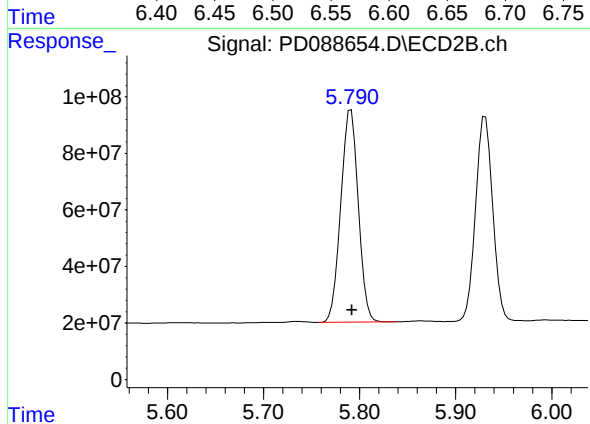
#13 Dieldrin

R.T.: 5.514 min  
Delta R.T.: -0.002 min  
Response: 1057768884  
Conc: 50.26 ng/ml



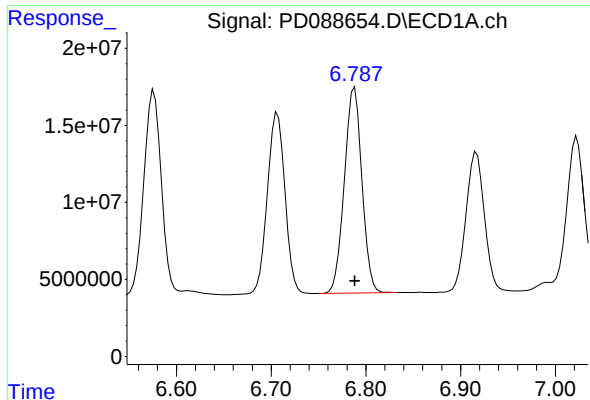
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 172219231  
Conc: 50.43 ng/ml



#14 Endrin

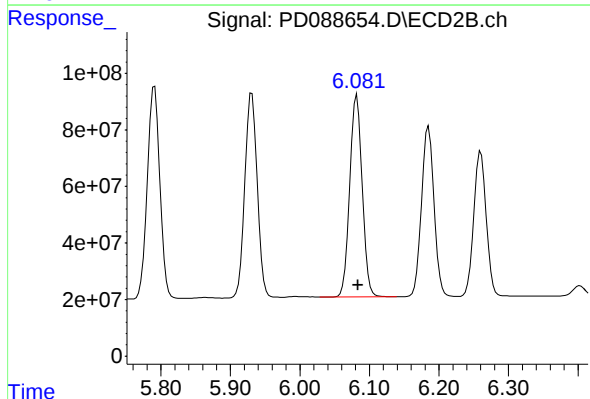
R.T.: 5.791 min  
Delta R.T.: -0.001 min  
Response: 941475242  
Conc: 48.82 ng/ml



#15 Endosulfan II

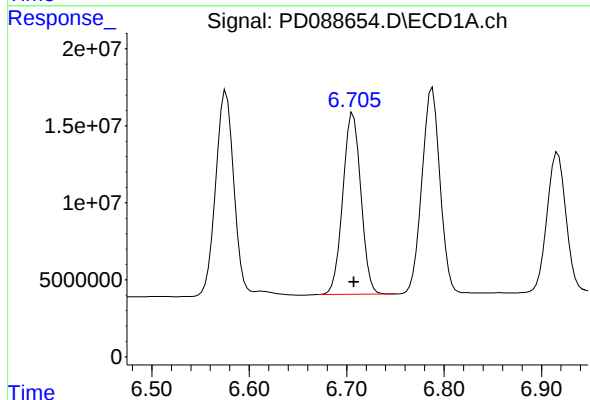
R.T.: 6.788 min  
Delta R.T.: 0.000 min  
Response: 172322591  
Conc: 50.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



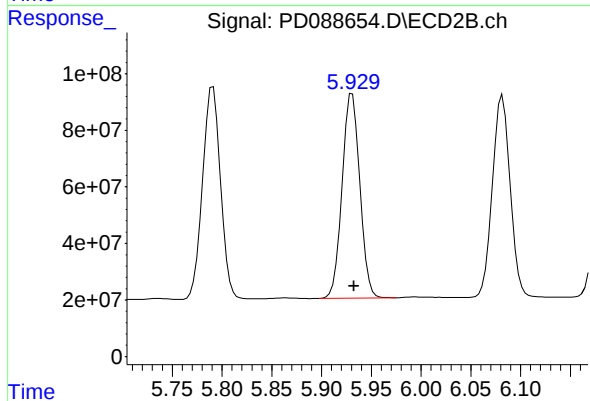
#15 Endosulfan II

R.T.: 6.082 min  
Delta R.T.: -0.002 min  
Response: 886153170  
Conc: 48.37 ng/ml



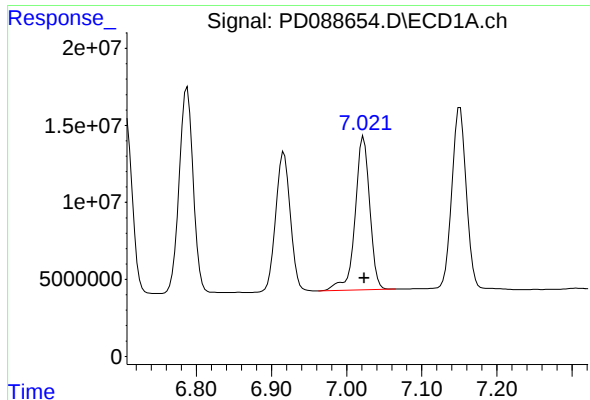
#16 4,4'-DDD

R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 151696284  
Conc: 54.47 ng/ml



#16 4,4'-DDD

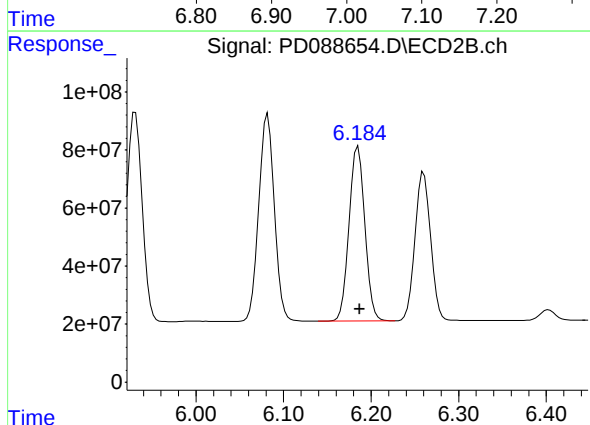
R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 896867906  
Conc: 51.57 ng/ml



#17 4,4'-DDT

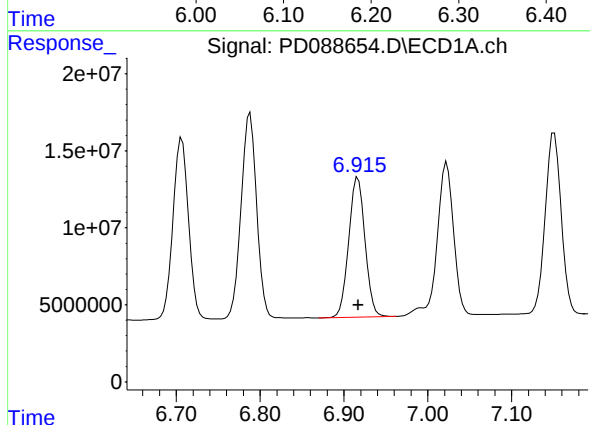
R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 134501813  
Conc: 43.08 ng/ml

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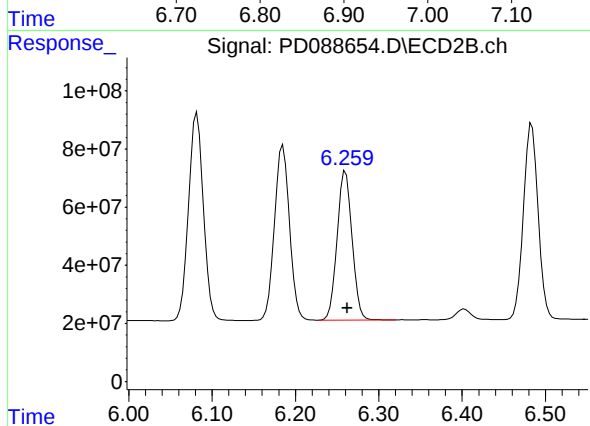
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.002 min  
Response: 753018150  
Conc: 41.52 ng/ml



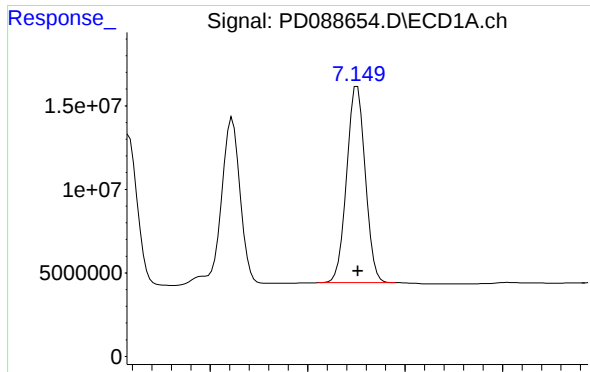
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: 0.000 min  
Response: 122562571  
Conc: 47.60 ng/ml



#18 Endrin aldehyde

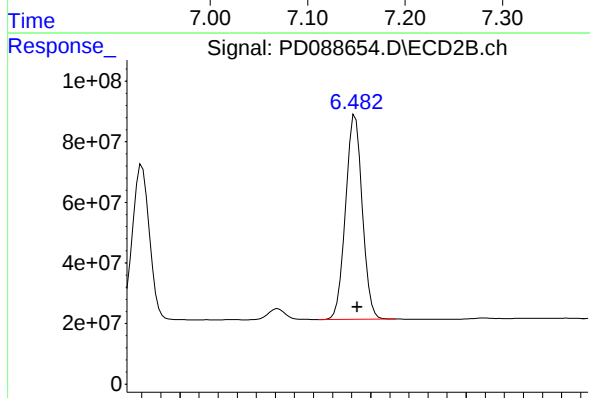
R.T.: 6.260 min  
Delta R.T.: -0.002 min  
Response: 639012605  
Conc: 45.88 ng/ml



#19 Endosulfan Sulfate

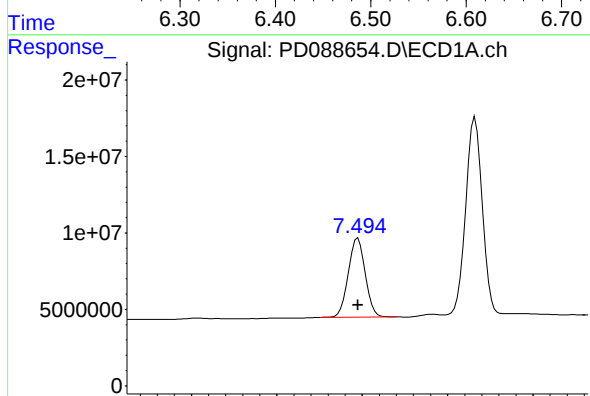
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 155942895  
Conc: 48.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



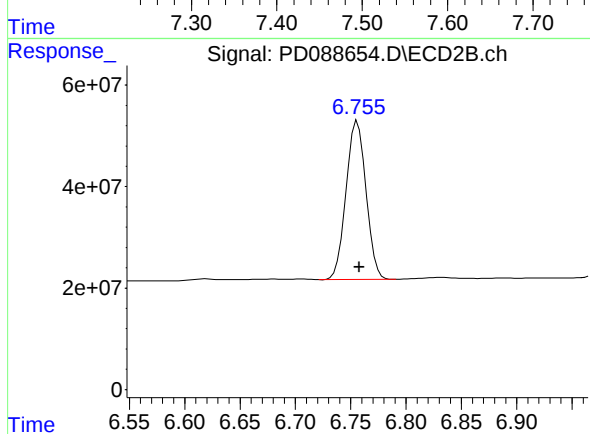
#19 Endosulfan Sulfate

R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 825691035  
Conc: 46.50 ng/ml



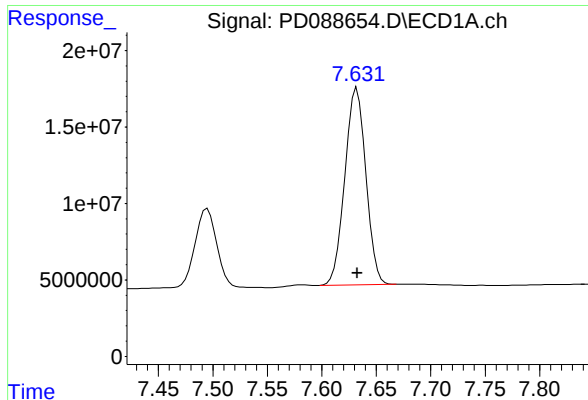
#20 Methoxychlor

R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 71728445  
Conc: 42.94 ng/ml



#20 Methoxychlor

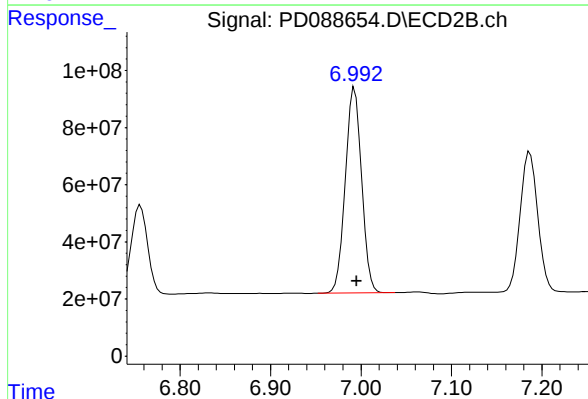
R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 393678314  
Conc: 41.12 ng/ml



#21 Endrin ketone

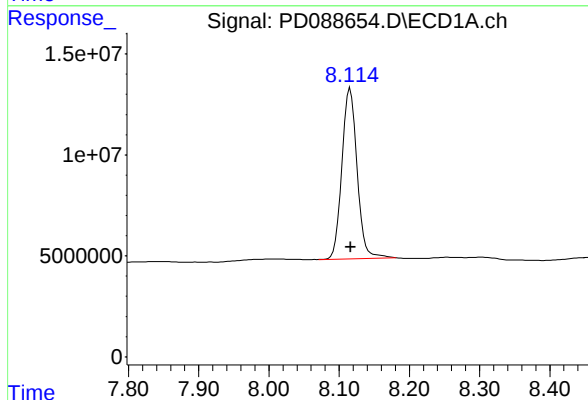
R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 172890029  
Conc: 50.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



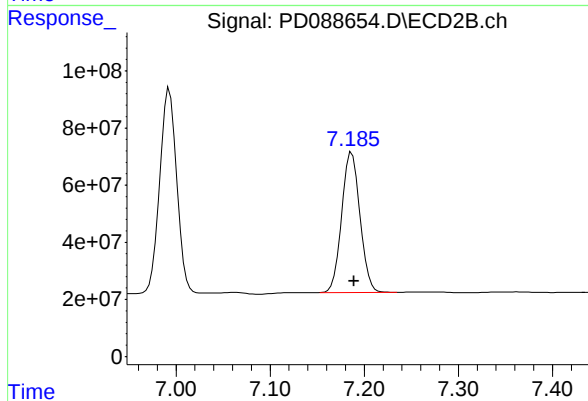
#21 Endrin ketone

R.T.: 6.993 min  
Delta R.T.: -0.002 min  
Response: 902292372  
Conc: 46.64 ng/ml



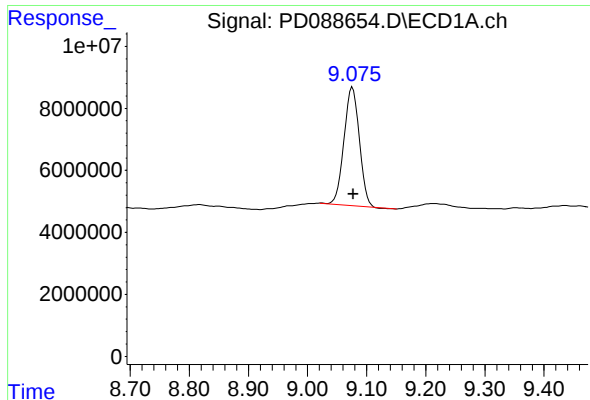
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: -0.001 min  
Response: 126949422  
Conc: 48.86 ng/ml



#22 Mirex

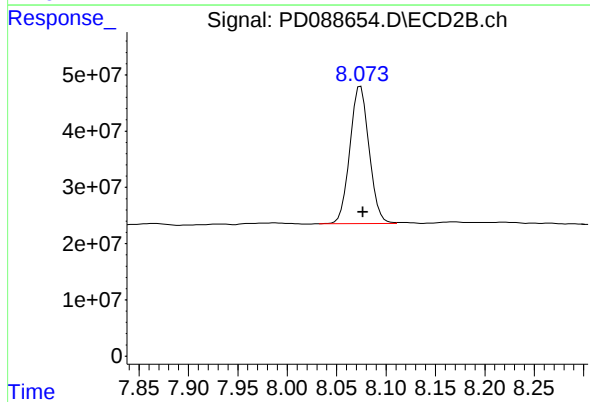
R.T.: 7.187 min  
Delta R.T.: -0.002 min  
Response: 664971475  
Conc: 43.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: -0.001 min  
Response: 68721479  
Conc: 20.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168082BS



#28 Decachlorobiphenyl

R.T.: 8.074 min  
Delta R.T.: -0.002 min  
Response: 330308065  
Conc: 18.09 ng/ml