

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050125\  
 Data File : PD088371.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 May 2025 13:53  
 Operator : AR\AJ  
 Sample : PB167820BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB167820BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 02 01:31:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 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... | 3.550 | 2.881 | 39930635 | 300.2E6  | 19.991 | 20.532 |
| 28)                         | SA Decachlor... | 9.075 | 8.075 | 67725971 | 345.4E6  | 20.473 | 18.691 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.000 | 3.394 | 225.0E6  | 1102.5E6 | 52.184 | 48.223 |
| 3)                          | MA gamma-BHC... | 4.331 | 3.730 | 217.2E6  | 1024.5E6 | 51.873 | 47.567 |
| 4)                          | MA Heptachlor   | 4.931 | 4.084 | 210.0E6  | 993.9E6  | 51.998 | 46.449 |
| 5)                          | MB Aldrin       | 5.273 | 4.370 | 209.9E6  | 1002.9E6 | 53.154 | 48.208 |
| 6)                          | B beta-BHC      | 4.516 | 4.026 | 83660804 | 455.7E6  | 51.535 | 49.238 |
| 7)                          | B delta-BHC     | 4.765 | 4.263 | 225.9E6  | 1026.1E6 | 54.769 | 48.261 |
| 8)                          | B Heptachlo...  | 5.692 | 4.874 | 189.7E6  | 908.4E6  | 53.068 | 48.078 |
| 9)                          | A Endosulfan I  | 6.076 | 5.248 | 179.9E6  | 866.3E6  | 53.271 | 48.094 |
| 10)                         | B gamma-Chl...  | 5.948 | 5.127 | 191.7E6  | 978.5E6  | 52.935 | 48.211 |
| 11)                         | B alpha-Chl...  | 6.028 | 5.191 | 190.8E6  | 940.2E6  | 52.864 | 47.963 |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.377 | 171.9E6  | 941.9E6  | 52.127 | 47.827 |
| 13)                         | MA Dieldrin     | 6.348 | 5.514 | 193.4E6  | 958.8E6  | 54.187 | 48.102 |
| 14)                         | MA Endrin       | 6.576 | 5.790 | 152.2E6  | 829.9E6  | 51.027 | 45.595 |
| 15)                         | B Endosulfa...  | 6.788 | 6.082 | 162.3E6  | 830.9E6  | 51.905 | 47.420 |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.931 | 137.3E6  | 807.3E6  | 54.586 | 49.265 |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.185 | 137.1E6  | 755.9E6  | 49.352 | 44.424 |
| 18)                         | B Endrin al...  | 6.916 | 6.260 | 124.1E6  | 638.6E6  | 53.785 | 48.013 |
| 19)                         | B Endosulfa...  | 7.151 | 6.483 | 150.8E6  | 796.3E6  | 52.439 | 46.477 |
| 20)                         | A Methoxychlor  | 7.494 | 6.756 | 69710493 | 390.2E6  | 46.488 | 42.783 |
| 21)                         | B Endrin ke...  | 7.631 | 6.992 | 163.4E6  | 881.6E6  | 52.946 | 47.133 |
| 22)                         | Mirex           | 8.115 | 7.187 | 116.8E6  | 661.6E6  | 49.734 | 44.642 |
| -----                       |                 |       |       |          |          |        |        |

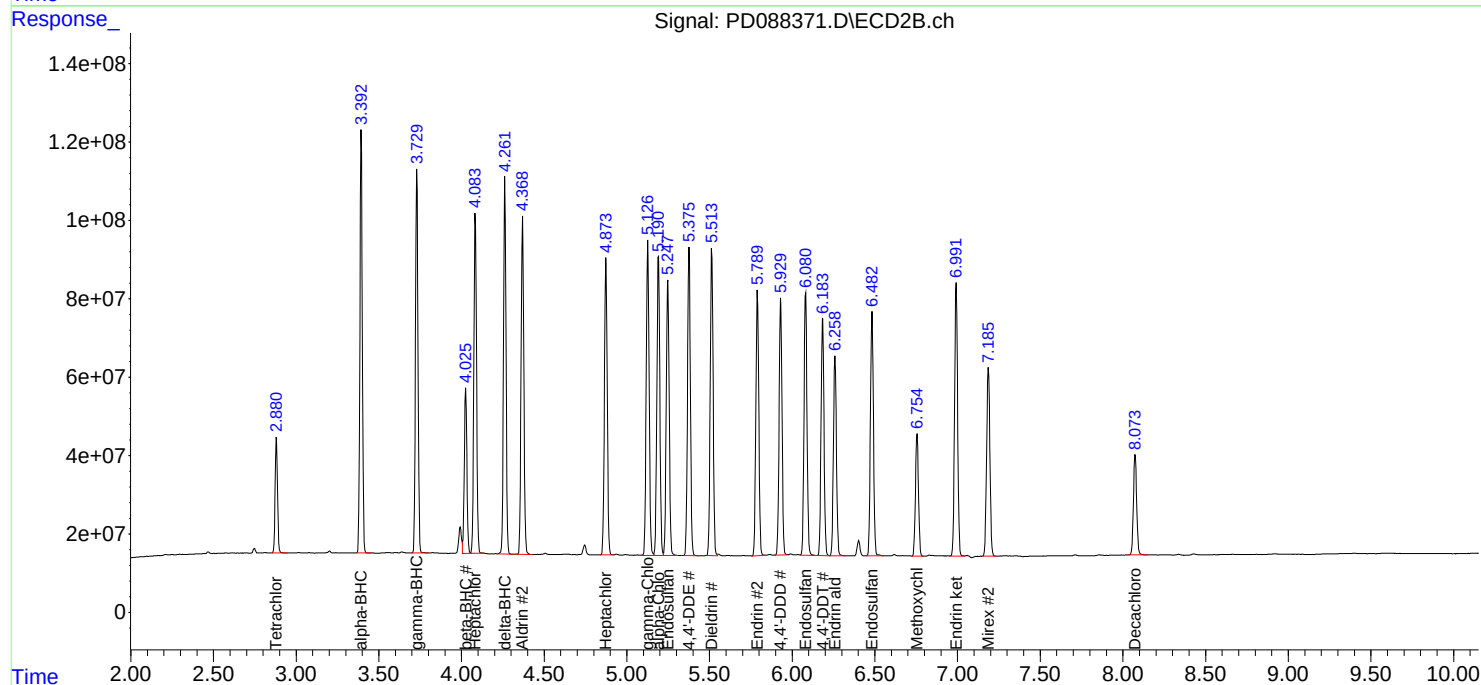
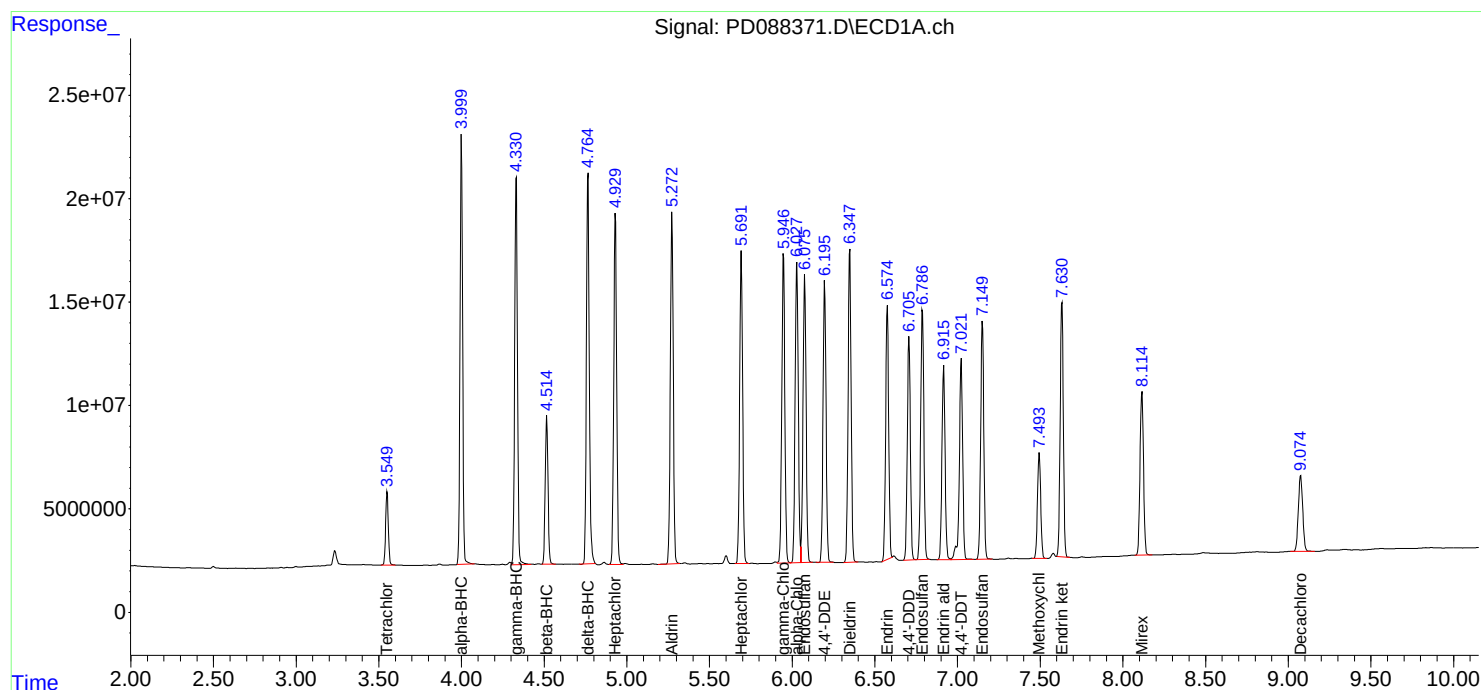
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

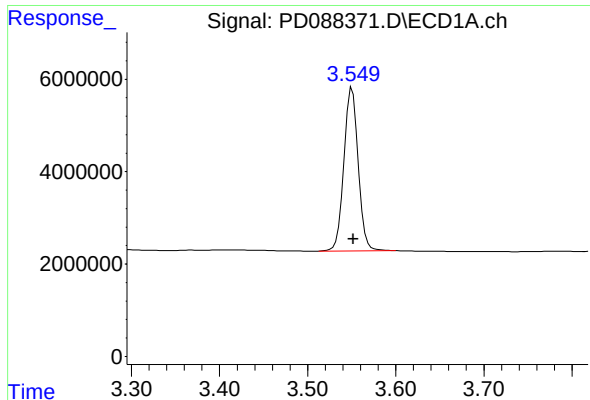
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050125\  
Data File : PD088371.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 May 2025 13:53  
Operator : AR\AJ  
Sample : PB167820BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 01:31:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

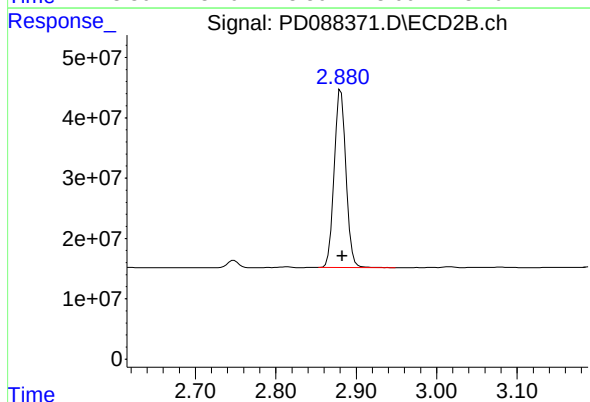




#1 Tetrachloro-m-xylene

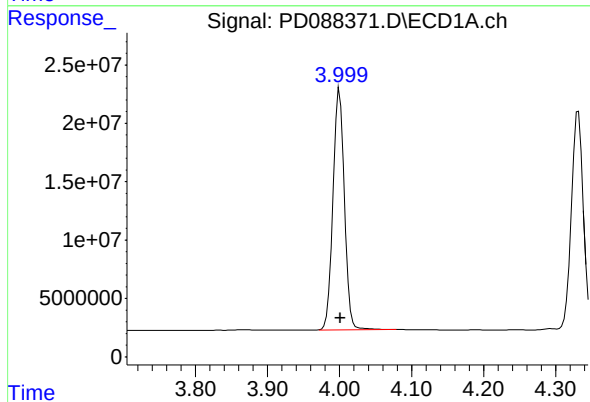
R.T.: 3.550 min  
Delta R.T.: -0.002 min  
Response: 39930635  
Conc: 19.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



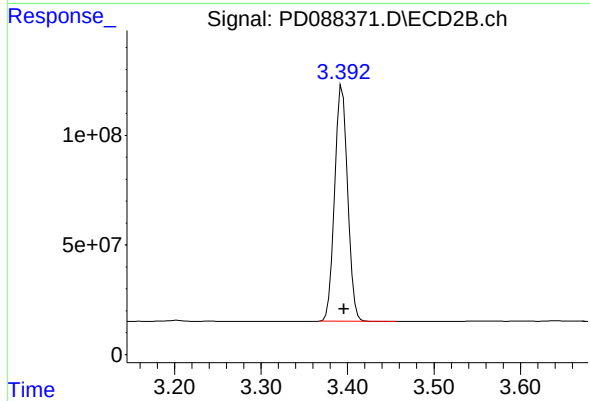
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: -0.002 min  
Response: 300211894  
Conc: 20.53 ng/ml



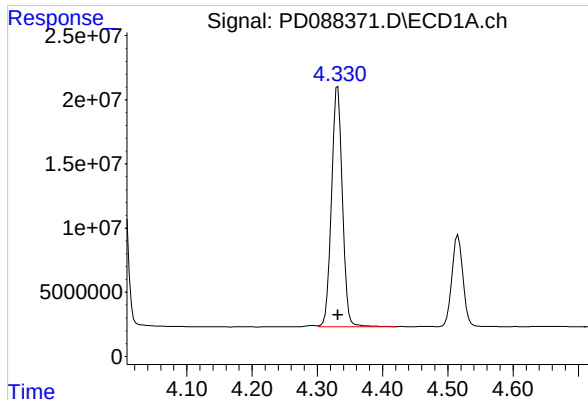
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 225016143  
Conc: 52.18 ng/ml



#2 alpha-BHC

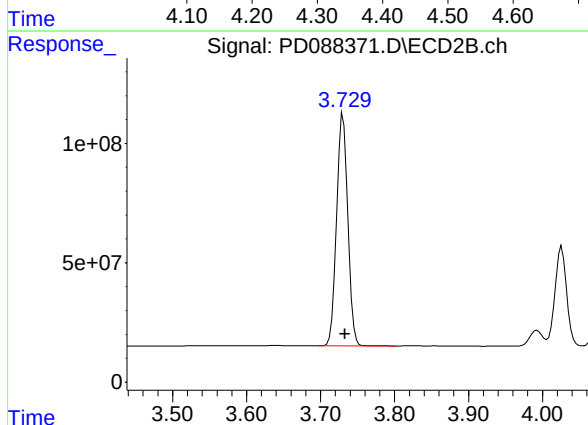
R.T.: 3.394 min  
Delta R.T.: -0.002 min  
Response: 1102452381  
Conc: 48.22 ng/ml



#3 gamma-BHC (Lindane)

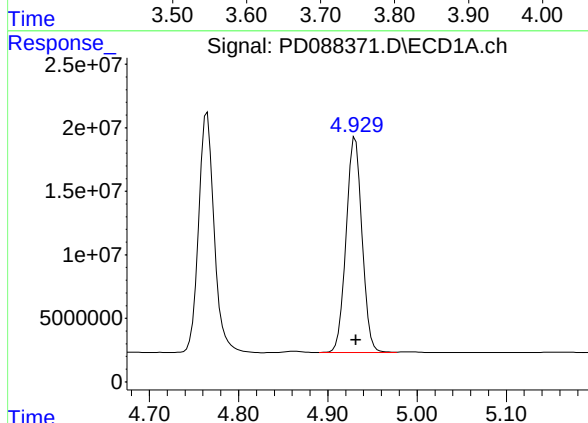
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 217219886  
Conc: 51.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



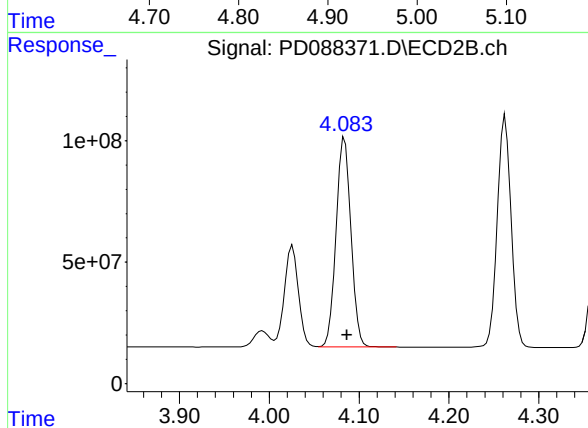
#3 gamma-BHC (Lindane)

R.T.: 3.730 min  
Delta R.T.: -0.002 min  
Response: 1024533652  
Conc: 47.57 ng/ml



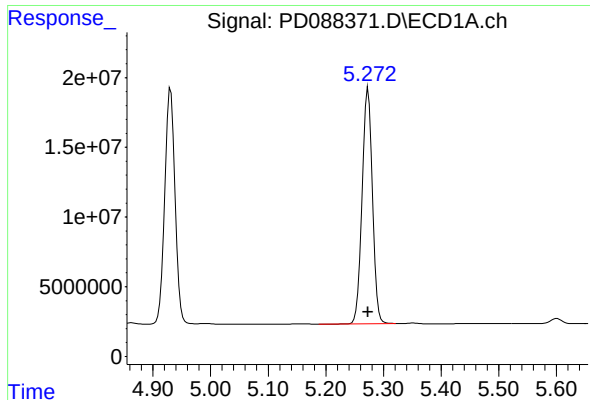
#4 Heptachlor

R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 210016471  
Conc: 52.00 ng/ml



#4 Heptachlor

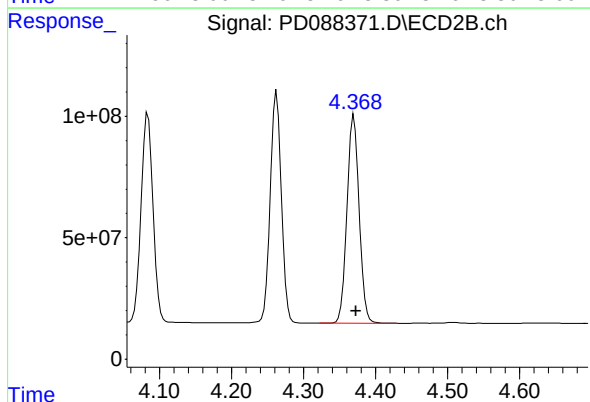
R.T.: 4.084 min  
Delta R.T.: -0.002 min  
Response: 993916078  
Conc: 46.45 ng/ml



#5 Aldrin

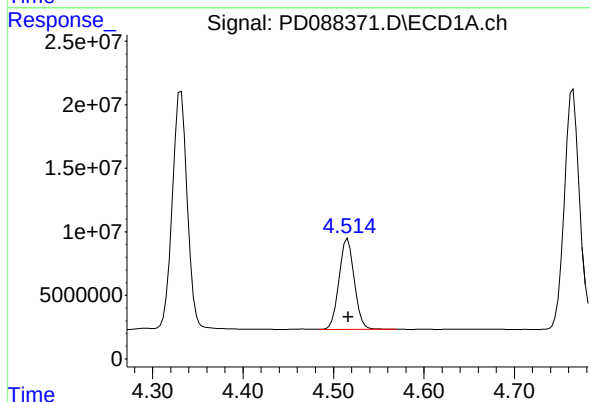
R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 209936587  
Conc: 53.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



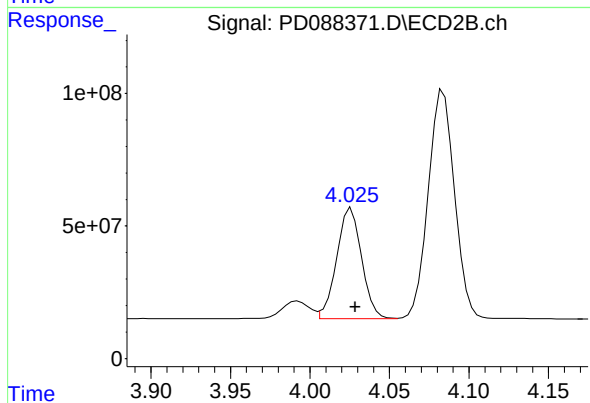
#5 Aldrin

R.T.: 4.370 min  
Delta R.T.: -0.003 min  
Response: 1002869046  
Conc: 48.21 ng/ml



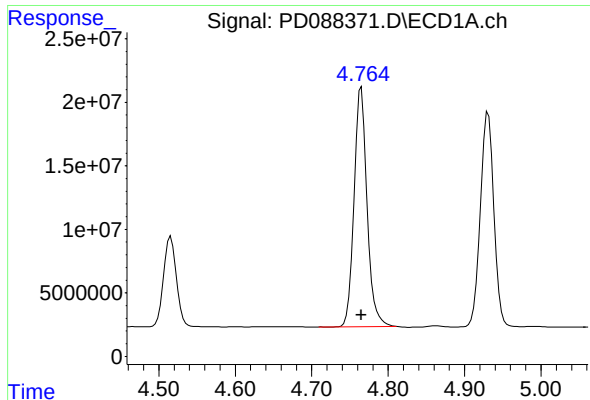
#6 beta-BHC

R.T.: 4.516 min  
Delta R.T.: 0.000 min  
Response: 83660804  
Conc: 51.53 ng/ml



#6 beta-BHC

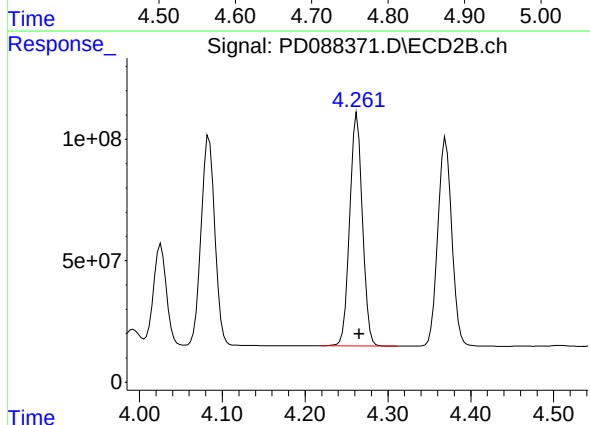
R.T.: 4.026 min  
Delta R.T.: -0.002 min  
Response: 455651070  
Conc: 49.24 ng/ml



#7 delta-BHC

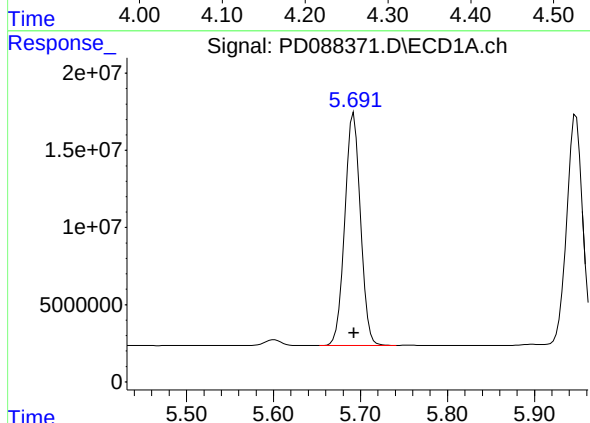
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 225919308  
Conc: 54.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



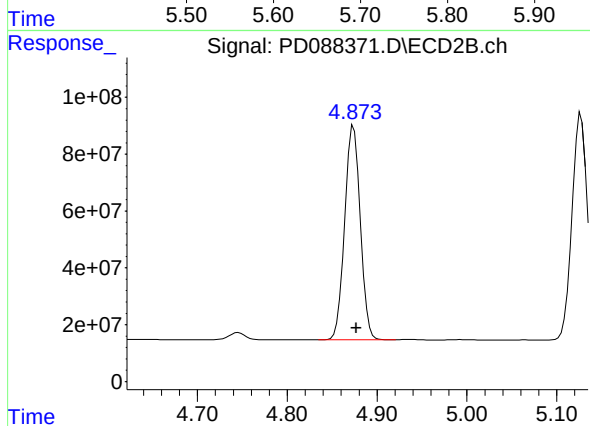
#7 delta-BHC

R.T.: 4.263 min  
Delta R.T.: -0.002 min  
Response: 1026097917  
Conc: 48.26 ng/ml



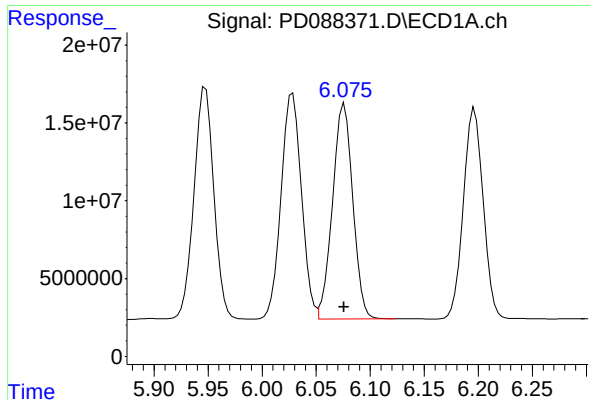
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 189661431  
Conc: 53.07 ng/ml



#8 Heptachlor epoxide

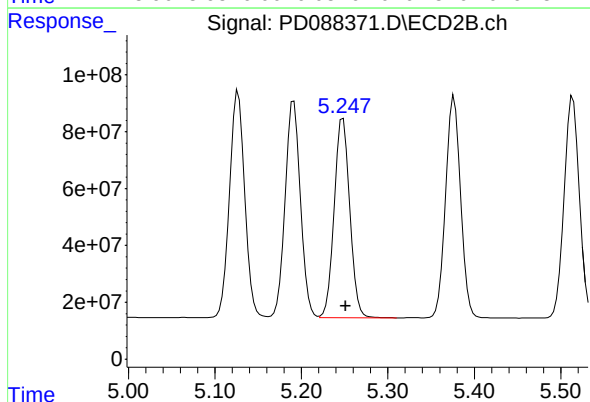
R.T.: 4.874 min  
Delta R.T.: -0.003 min  
Response: 908405709  
Conc: 48.08 ng/ml



#9 Endosulfan I

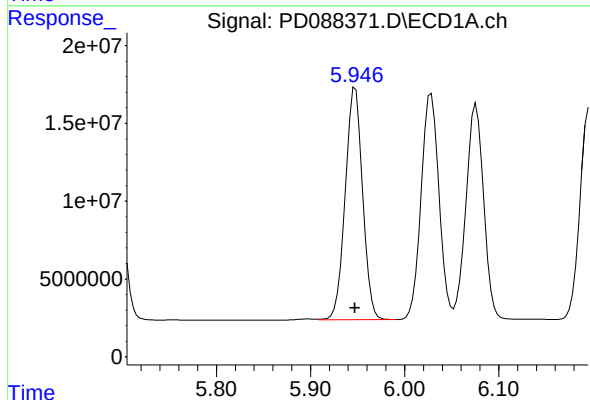
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 179904214  
Conc: 53.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



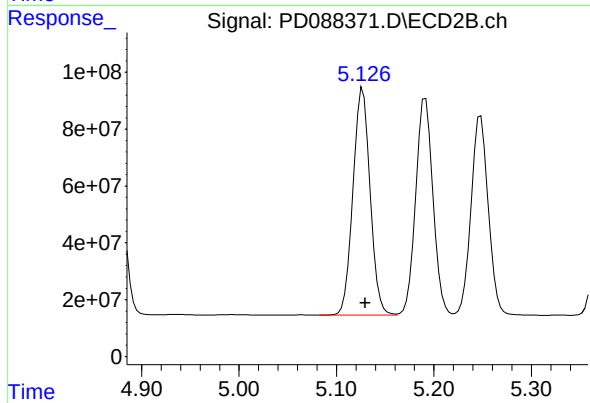
#9 Endosulfan I

R.T.: 5.248 min  
Delta R.T.: -0.003 min  
Response: 866283939  
Conc: 48.09 ng/ml



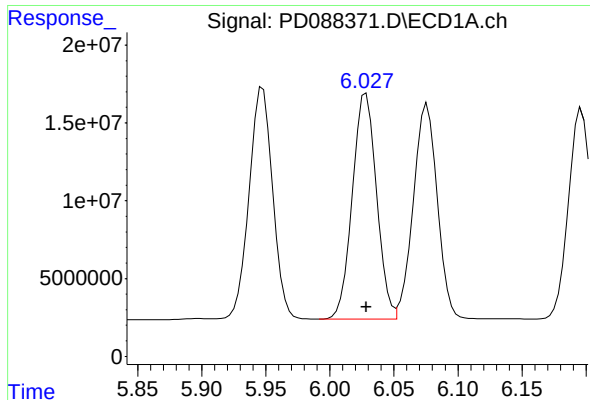
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 191734543  
Conc: 52.94 ng/ml



#10 gamma-Chlordane

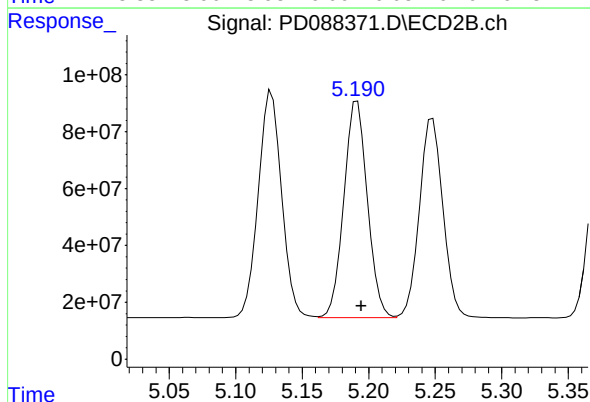
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 978481352  
Conc: 48.21 ng/ml



#11 alpha-Chlordane

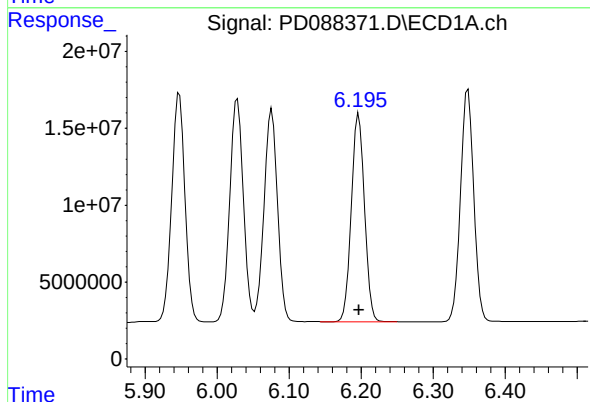
R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 190817017  
Conc: 52.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



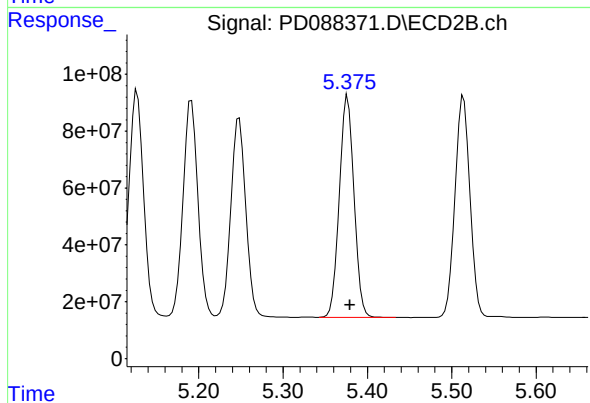
#11 alpha-Chlordane

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 940213491  
Conc: 47.96 ng/ml



#12 4,4'-DDE

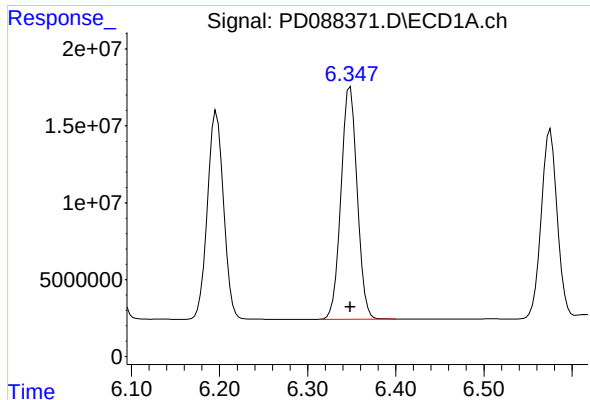
R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 171928786  
Conc: 52.13 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min  
Delta R.T.: -0.003 min  
Response: 941896415  
Conc: 47.83 ng/ml

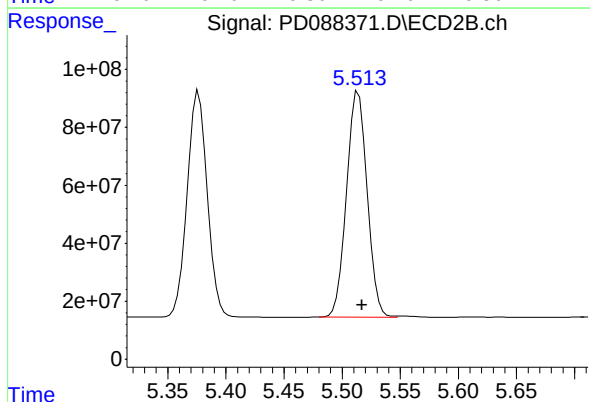




#13 Dieldrin

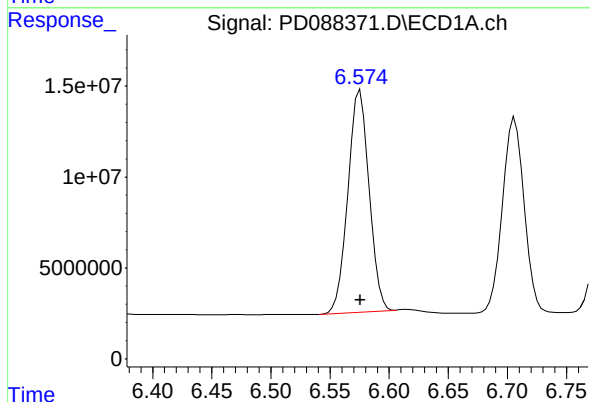
R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 193365976  
Conc: 54.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



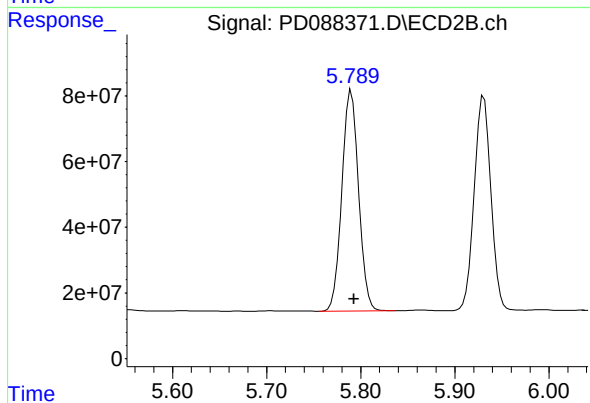
#13 Dieldrin

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 958819072  
Conc: 48.10 ng/ml



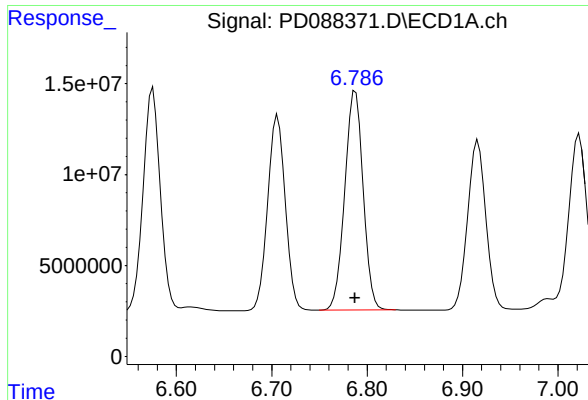
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 152192206  
Conc: 51.03 ng/ml



#14 Endrin

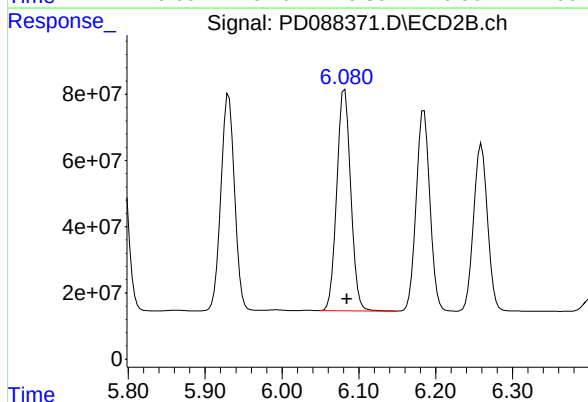
R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 829937223  
Conc: 45.60 ng/ml



#15 Endosulfan II

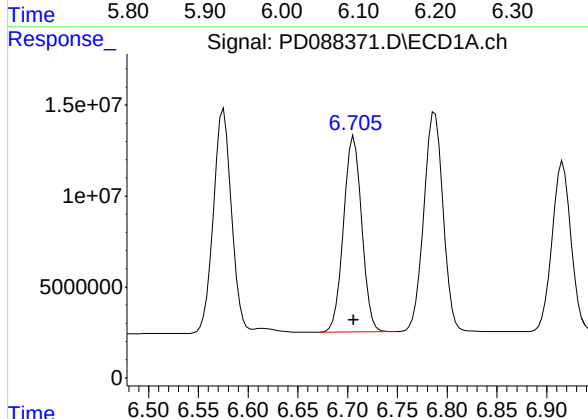
R.T.: 6.788 min  
Delta R.T.: 0.000 min  
Response: 162266634  
Conc: 51.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



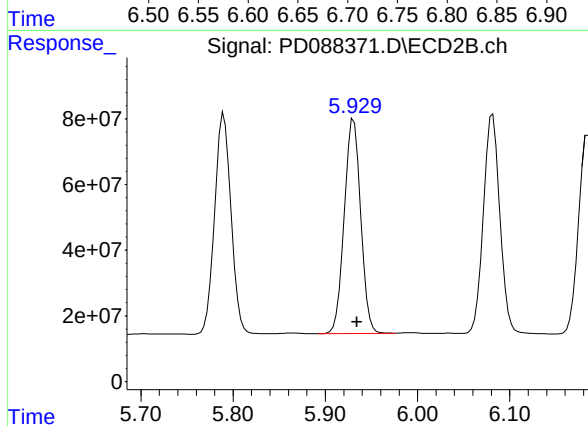
#15 Endosulfan II

R.T.: 6.082 min  
Delta R.T.: -0.003 min  
Response: 830885525  
Conc: 47.42 ng/ml



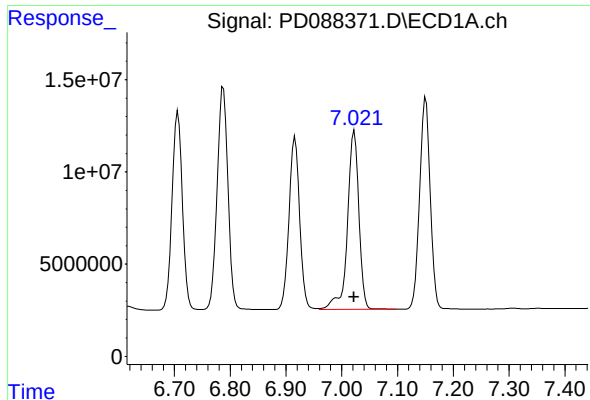
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 137282410  
Conc: 54.59 ng/ml



#16 4,4'-DDD

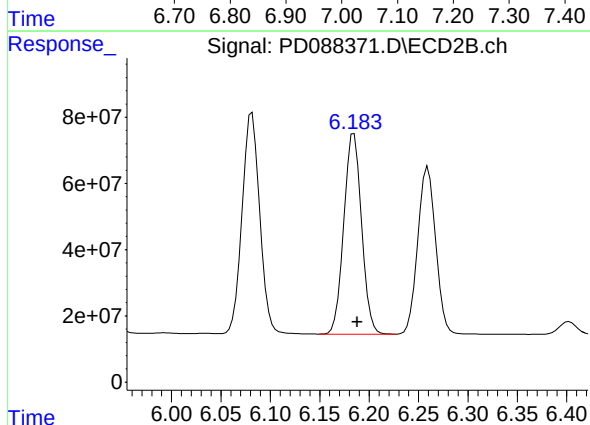
R.T.: 5.931 min  
Delta R.T.: -0.003 min  
Response: 807264450  
Conc: 49.26 ng/ml



#17 4,4'-DDT

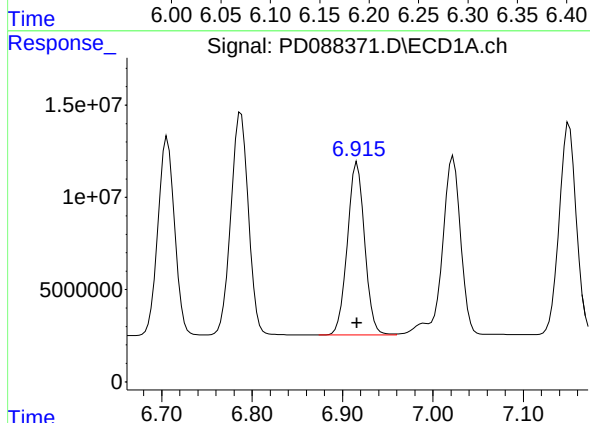
R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 137076439  
Conc: 49.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



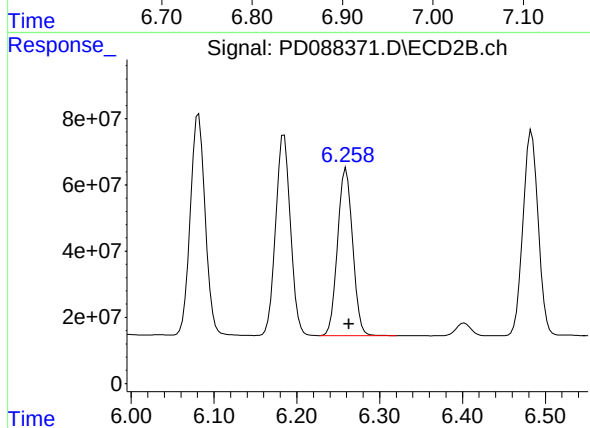
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 755946594  
Conc: 44.42 ng/ml



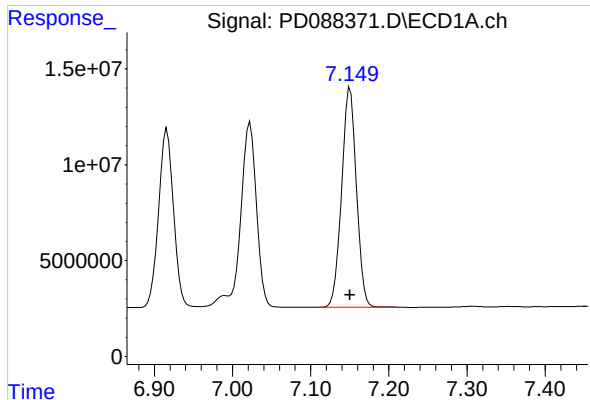
#18 Endrin aldehyde

R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 124135621  
Conc: 53.79 ng/ml



#18 Endrin aldehyde

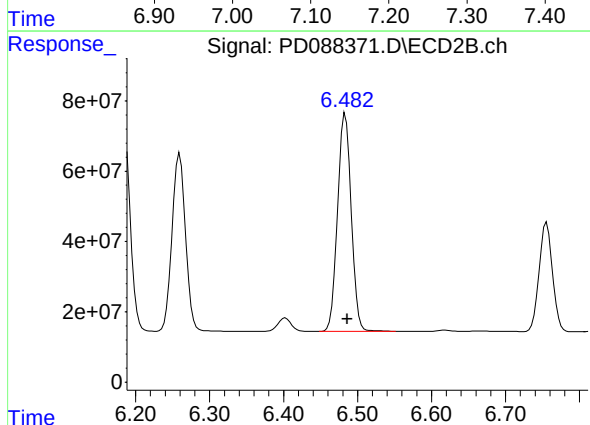
R.T.: 6.260 min  
Delta R.T.: -0.003 min  
Response: 638621930  
Conc: 48.01 ng/ml



#19 Endosulfan Sulfate

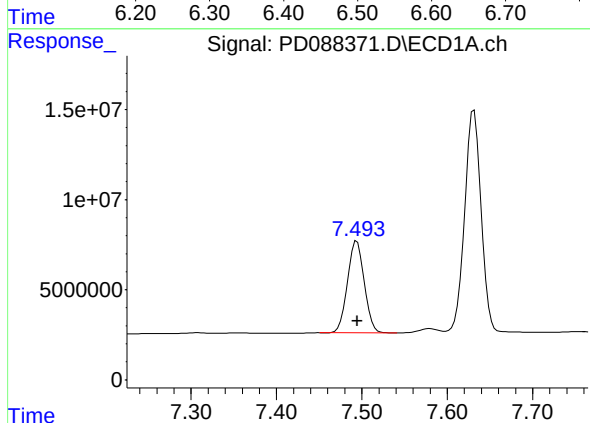
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 150805490  
Conc: 52.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



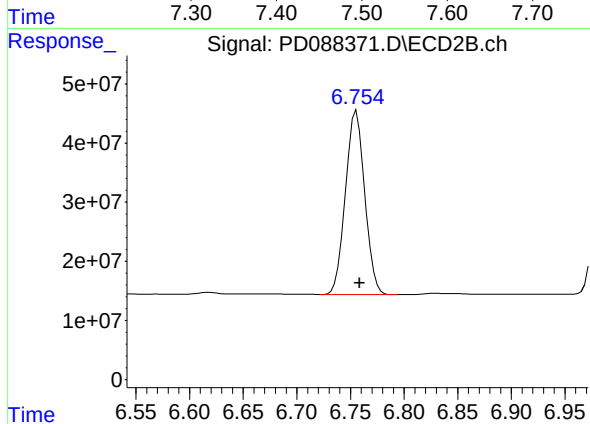
#19 Endosulfan Sulfate

R.T.: 6.483 min  
Delta R.T.: -0.003 min  
Response: 796305643  
Conc: 46.48 ng/ml



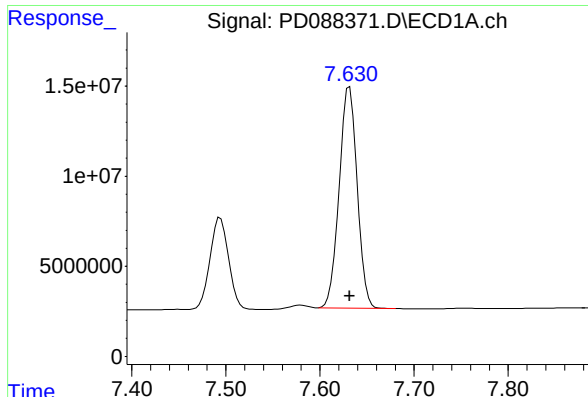
#20 Methoxychlor

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 69710493  
Conc: 46.49 ng/ml



#20 Methoxychlor

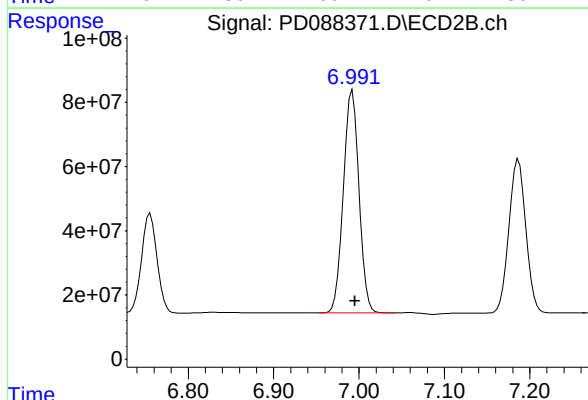
R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 390226288  
Conc: 42.78 ng/ml



#21 Endrin ketone

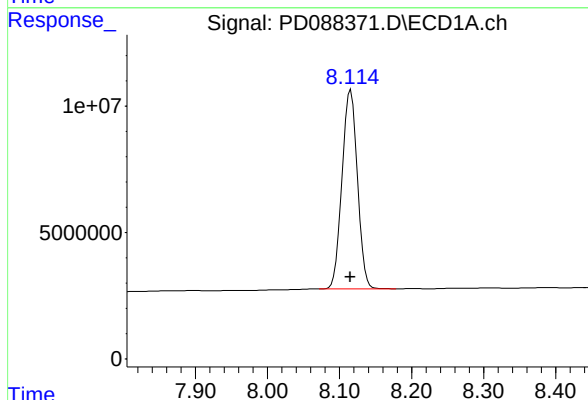
R.T.: 7.631 min  
Delta R.T.: 0.000 min  
Response: 163420572  
Conc: 52.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



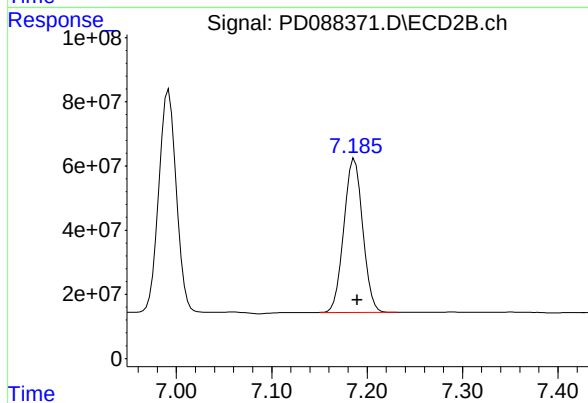
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.003 min  
Response: 881572978  
Conc: 47.13 ng/ml



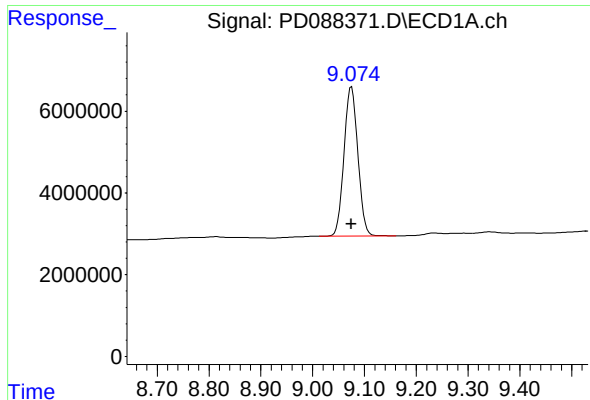
#22 Mirex

R.T.: 8.115 min  
Delta R.T.: 0.000 min  
Response: 116791682  
Conc: 49.73 ng/ml



#22 Mirex

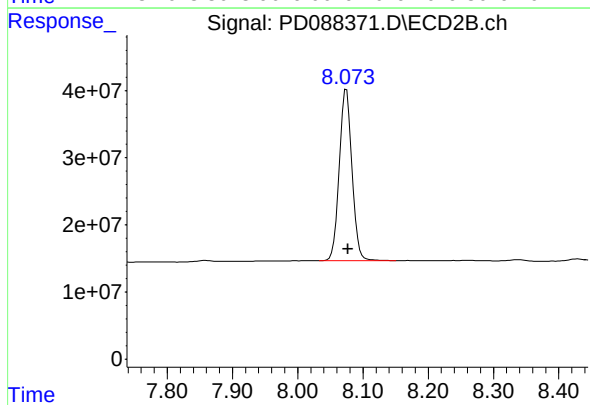
R.T.: 7.187 min  
Delta R.T.: -0.003 min  
Response: 661631508  
Conc: 44.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min  
Delta R.T.: 0.000 min  
Response: 67725971  
Conc: 20.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB167820BS



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: -0.002 min  
Response: 345396898  
Conc: 18.69 ng/ml