

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063025\  
 Data File : PD089235.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2025 15:07  
 Operator : AR\AJ  
 Sample : PB168641BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168641BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:33:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.558 | 2.880 | 65372992 | 412.3E6  | 22.913  | 24.322    |
| 28)                         | SA Decachlor... | 9.083 | 8.075 | 96693719 | 489.5E6  | 24.619  | 24.758    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.008 | 3.393 | 322.0E6  | 1426.4E6 | 55.239  | 53.229    |
| 3)                          | MA gamma-BHC... | 4.338 | 3.730 | 305.1E6  | 1311.2E6 | 54.665  | 52.962    |
| 4)                          | MA Heptachlor   | 4.938 | 4.083 | 286.8E6  | 1244.8E6 | 52.601  | 49.718    |
| 5)                          | MB Aldrin       | 5.280 | 4.369 | 295.3E6  | 1287.4E6 | 55.574  | 53.159    |
| 6)                          | B beta-BHC      | 4.524 | 4.026 | 115.3E6  | 556.1E6  | 52.253  | 51.744    |
| 7)                          | B delta-BHC     | 4.773 | 4.263 | 293.3E6  | 1319.2E6 | 57.141  | 53.037    |
| 8)                          | B Heptachlo...  | 5.700 | 4.874 | 261.7E6  | 1205.2E6 | 54.240  | 55.039    |
| 9)                          | A Endosulfan I  | 6.083 | 5.248 | 243.9E6  | 1111.1E6 | 54.105  | 53.309    |
| 10)                         | B gamma-Chl...  | 5.955 | 5.127 | 262.1E6  | 1271.2E6 | 54.730  | 53.139    |
| 11)                         | B alpha-Chl...  | 6.036 | 5.191 | 260.7E6  | 1205.3E6 | 53.873  | 52.642    |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.376 | 233.2E6  | 1192.6E6 | 53.480  | 52.044    |
| 13)                         | MA Dieldrin     | 6.356 | 5.513 | 261.6E6  | 1208.6E6 | 54.524  | 52.075    |
| 14)                         | MA Endrin       | 6.583 | 5.790 | 209.0E6  | 1074.4E6 | 50.661  | 49.480    |
| 15)                         | B Endosulfa...  | 6.795 | 6.082 | 216.9E6  | 1053.5E6 | 53.735  | 52.163    |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.931 | 199.8E6  | 997.6E6  | 58.211  | 52.148    |
| 17)                         | MA 4,4'-DDT     | 7.030 | 6.185 | 159.6E6  | 878.3E6  | 42.136  | 43.309    |
| 18)                         | B Endrin al...  | 6.923 | 6.260 | 160.1E6  | 777.0E6  | 52.263  | 50.749    |
| 19)                         | B Endosulfa...  | 7.158 | 6.484 | 201.8E6  | 1008.9E6 | 52.601  | 51.421    |
| 20)                         | A Methoxychlor  | 7.502 | 6.755 | 83466688 | 450.8E6  | 41.307  | 41.865    |
| 21)                         | B Endrin ke...  | 7.639 | 6.993 | 219.3E6  | 1136.9E6 | 53.832  | 52.629    |
| 22)                         | Mirex           | 8.122 | 7.186 | 155.3E6  | 827.8E6  | 51.075  | 49.634    |
| 23)                         | Chlordane-1     | 0.000 | 3.891 | 0        | 480544   | N.D.    | 0.515 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.504 | 0        | 7761382  | N.D.    | 8.156 #   |
| 25)                         | Chlordane-3     | 5.955 | 5.127 | 262.1E6  | 1271.2E6 | 303.839 | 427.995 # |
| 26)                         | Chlordane-4     | 6.036 | 5.191 | 260.7E6  | 1205.3E6 | 248.088 | 480.845 # |
| 27)                         | Chlordane-5     | 0.000 | 6.082 | 0        | 1053.5E6 | N.D.    | 930.945 # |
| -----                       |                 |       |       |          |          |         |           |

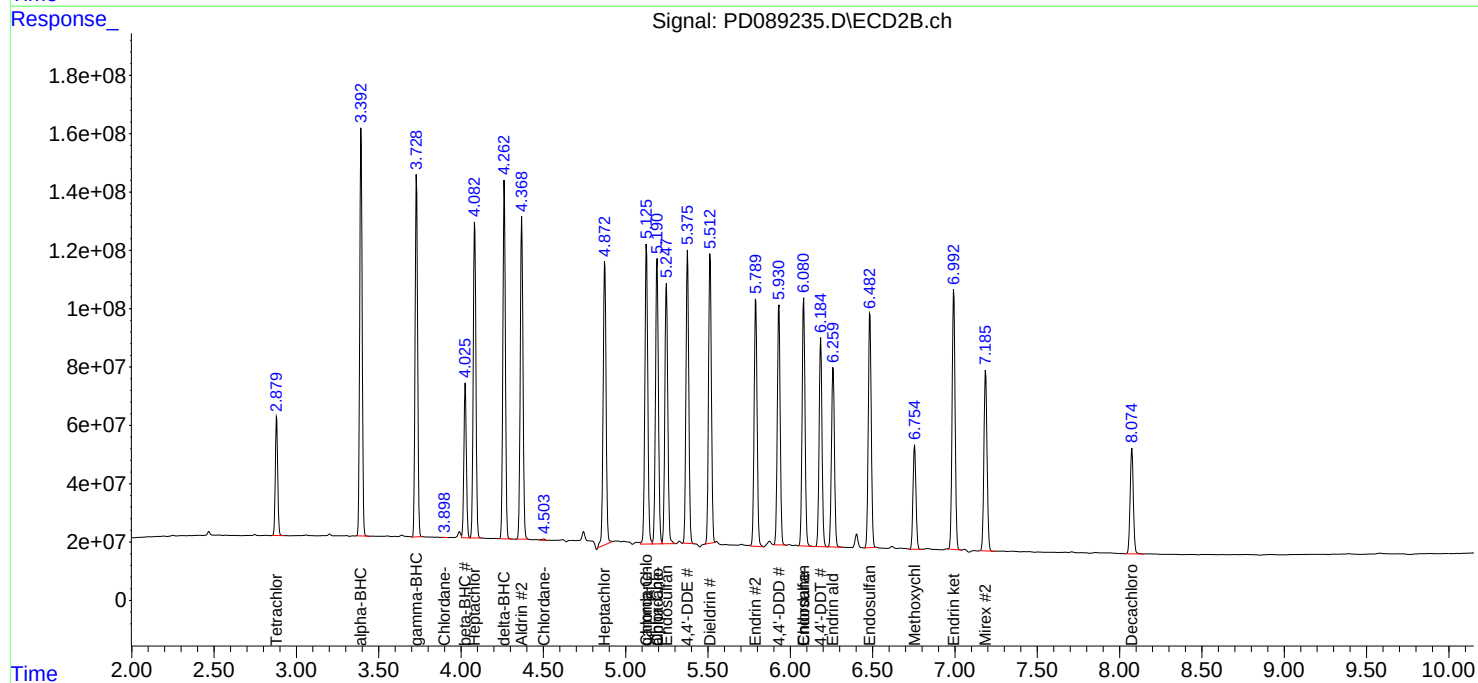
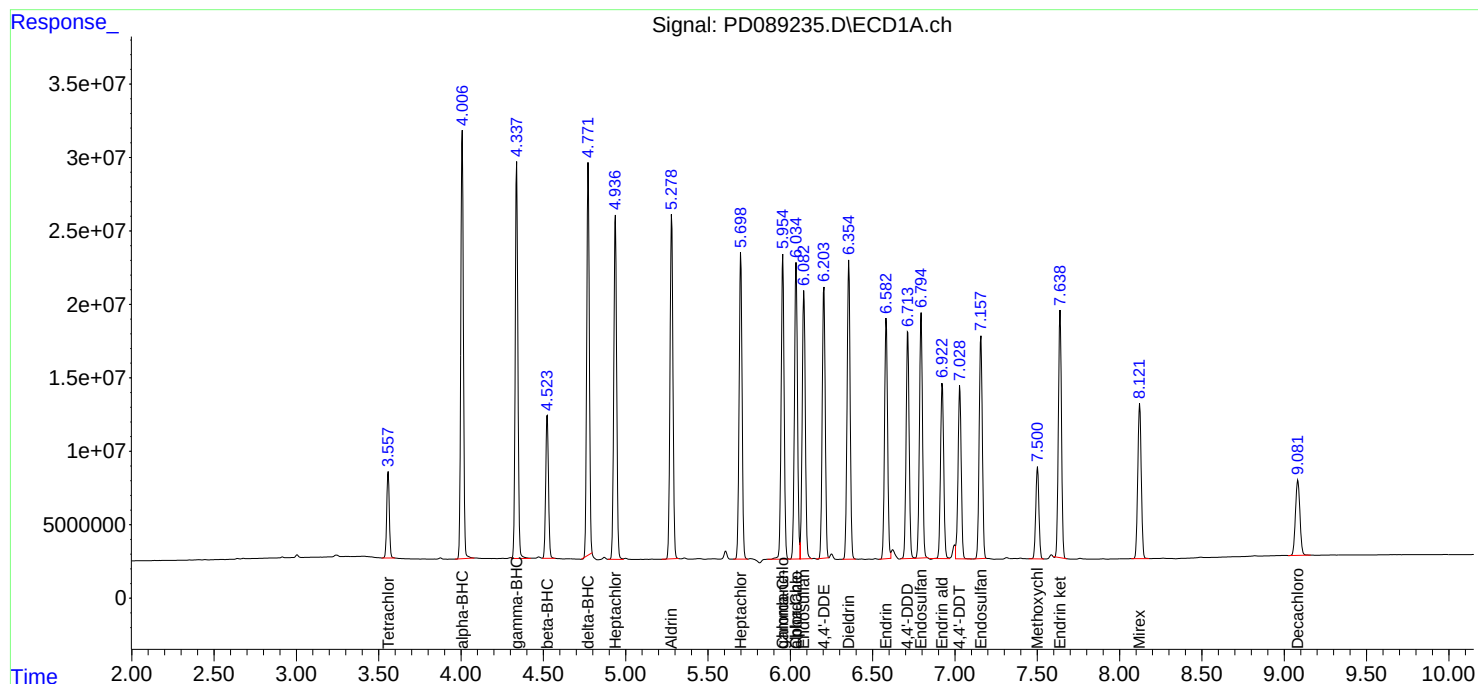
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

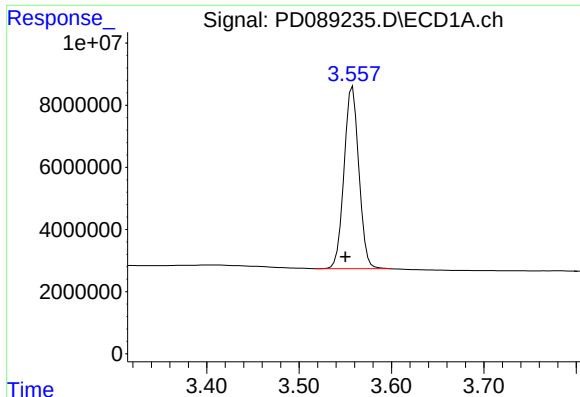
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063025\  
Data File : PD089235.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2025 15:07  
Operator : AR\AJ  
Sample : PB168641BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 01:33:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 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

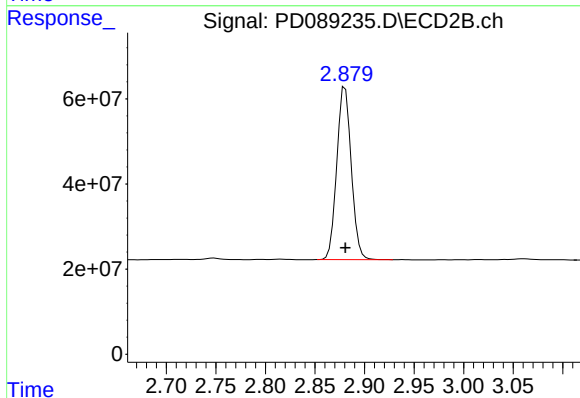




#1 Tetrachloro-m-xylene

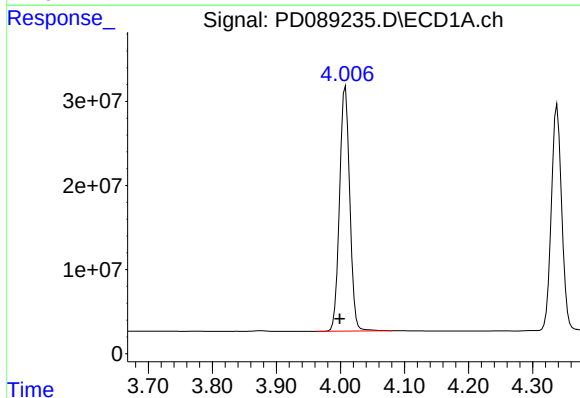
R.T.: 3.558 min  
Delta R.T.: 0.008 min  
Response: 65372992  
Conc: 22.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



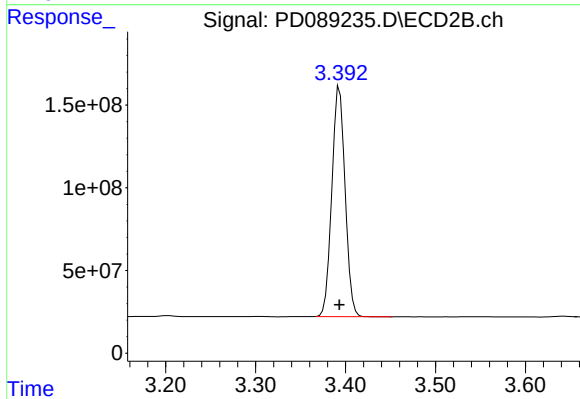
#1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 412330869  
Conc: 24.32 ng/ml



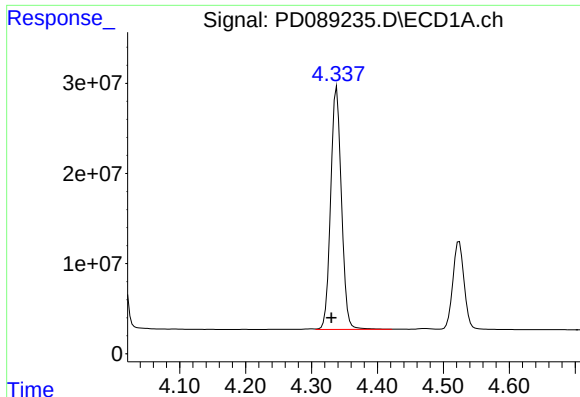
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.009 min  
Response: 321994283  
Conc: 55.24 ng/ml



#2 alpha-BHC

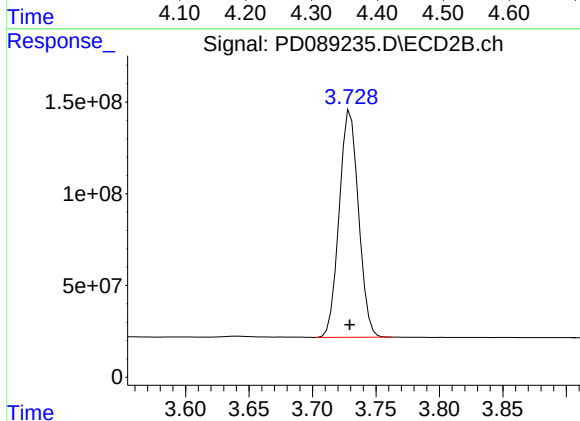
R.T.: 3.393 min  
Delta R.T.: 0.000 min  
Response: 1426373113  
Conc: 53.23 ng/ml



#3 gamma-BHC (Lindane)

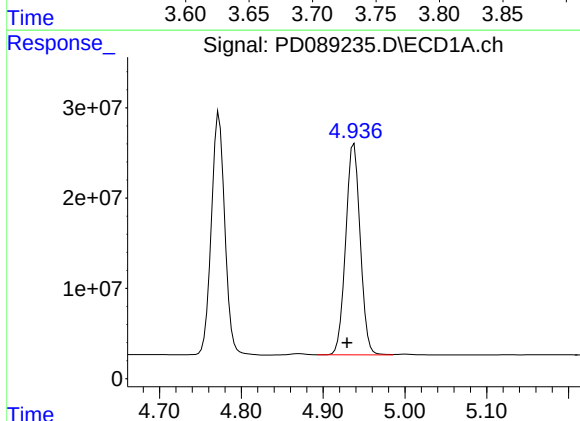
R.T.: 4.338 min  
Delta R.T.: 0.008 min  
Response: 305123036  
Conc: 54.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



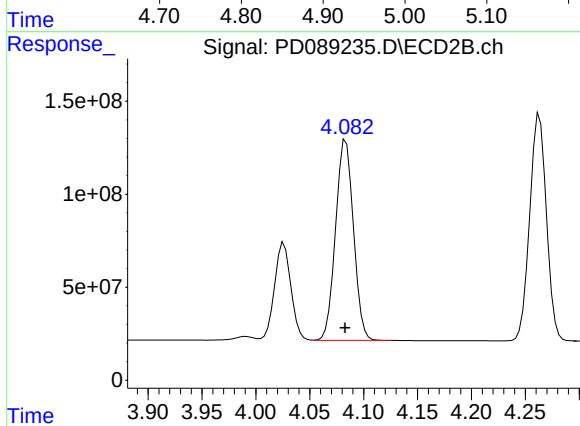
#3 gamma-BHC (Lindane)

R.T.: 3.730 min  
Delta R.T.: 0.000 min  
Response: 1311180250  
Conc: 52.96 ng/ml



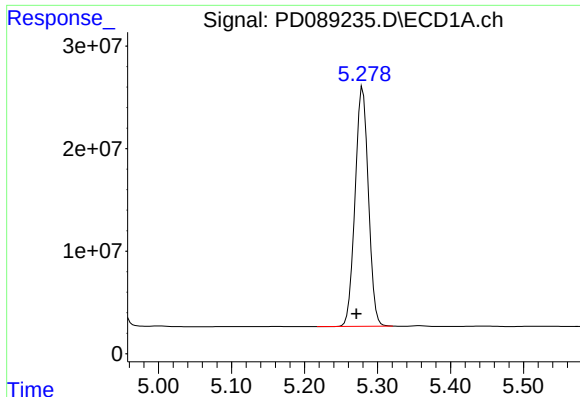
#4 Heptachlor

R.T.: 4.938 min  
Delta R.T.: 0.008 min  
Response: 286780113  
Conc: 52.60 ng/ml



#4 Heptachlor

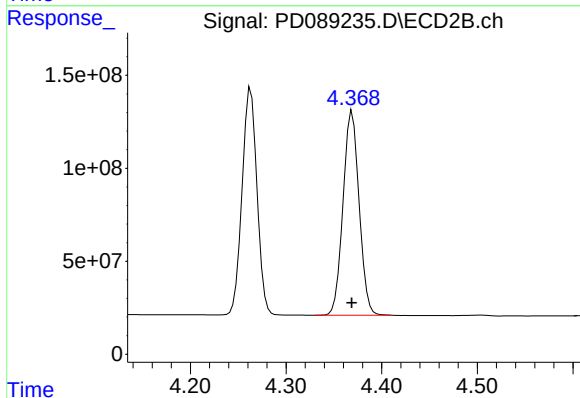
R.T.: 4.083 min  
Delta R.T.: 0.000 min  
Response: 1244849652  
Conc: 49.72 ng/ml



#5 Aldrin

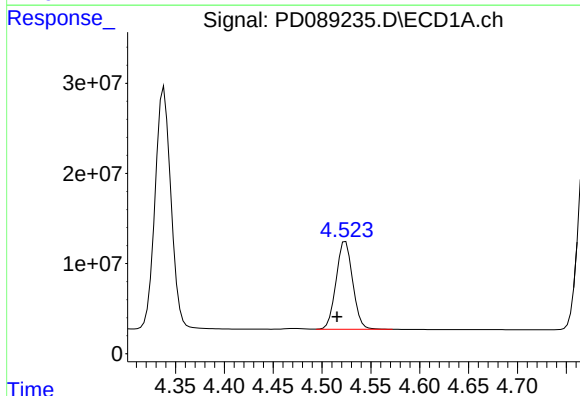
R.T.: 5.280 min  
Delta R.T.: 0.009 min  
Response: 295261535  
Conc: 55.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



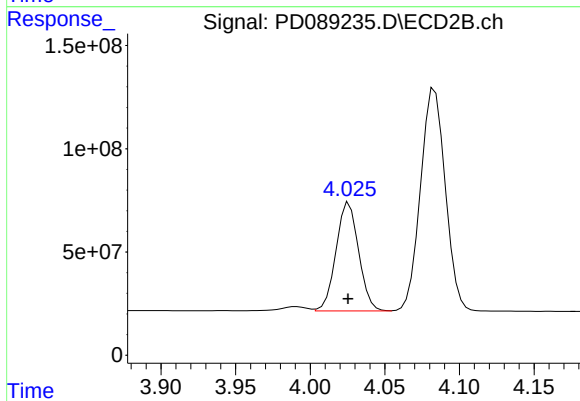
#5 Aldrin

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 1287368060  
Conc: 53.16 ng/ml



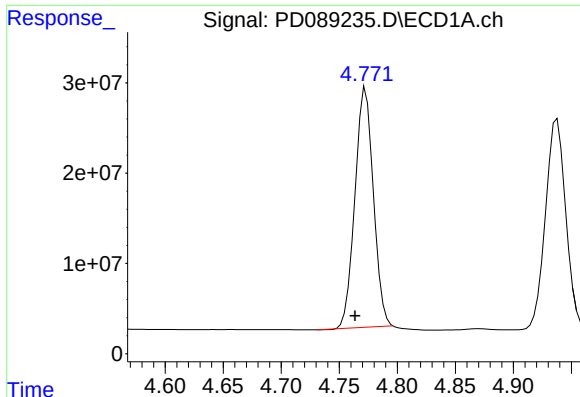
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.009 min  
Response: 115329369  
Conc: 52.25 ng/ml



#6 beta-BHC

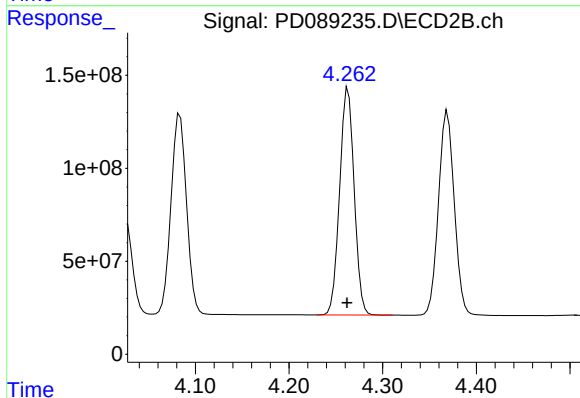
R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 556054794  
Conc: 51.74 ng/ml



#7 delta-BHC

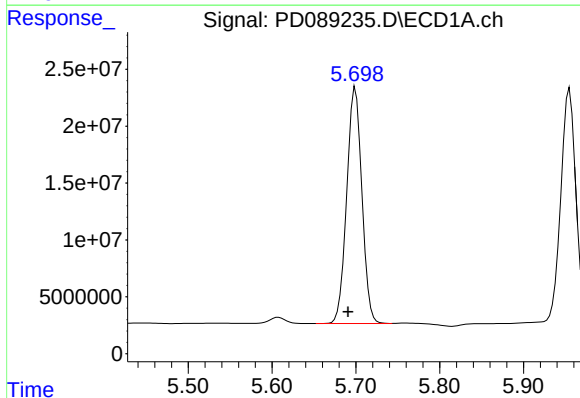
R.T.: 4.773 min  
Delta R.T.: 0.009 min  
Response: 293299231  
Conc: 57.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



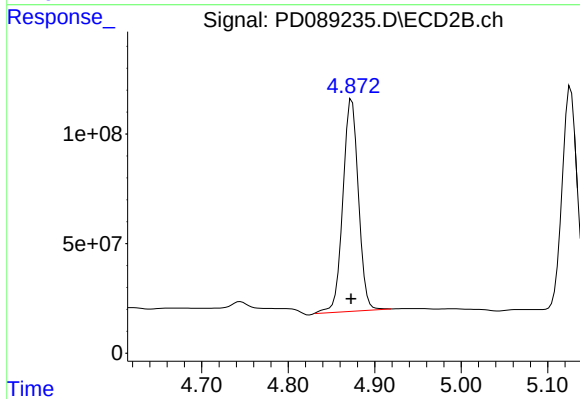
#7 delta-BHC

R.T.: 4.263 min  
Delta R.T.: 0.001 min  
Response: 1319225739  
Conc: 53.04 ng/ml



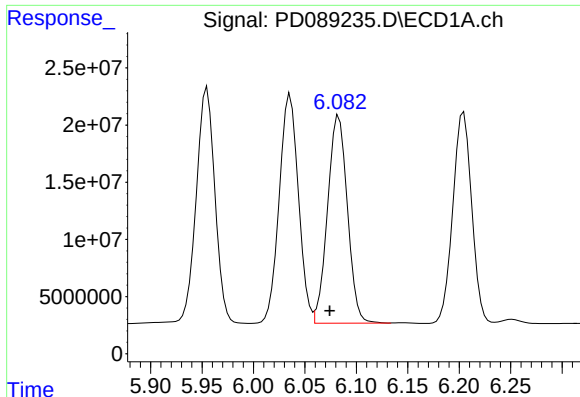
#8 Heptachlor epoxide

R.T.: 5.700 min  
Delta R.T.: 0.009 min  
Response: 261651489  
Conc: 54.24 ng/ml



#8 Heptachlor epoxide

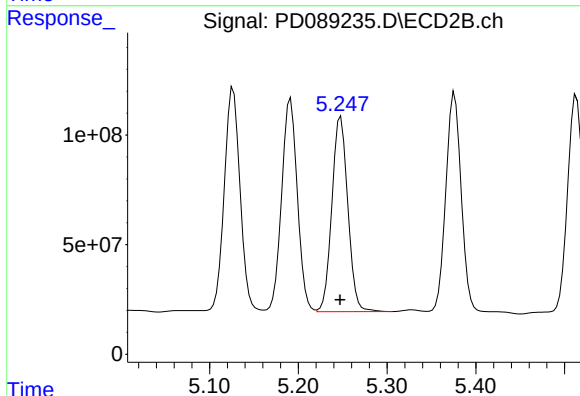
R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 1205248354  
Conc: 55.04 ng/ml



#9 Endosulfan I

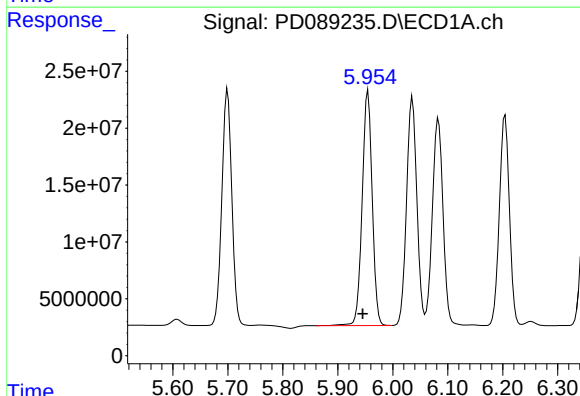
R.T.: 6.083 min  
Delta R.T.: 0.009 min  
Response: 243876753  
Conc: 54.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



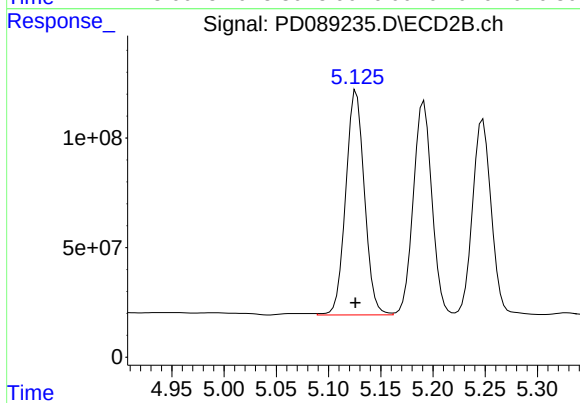
#9 Endosulfan I

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 1111097115  
Conc: 53.31 ng/ml



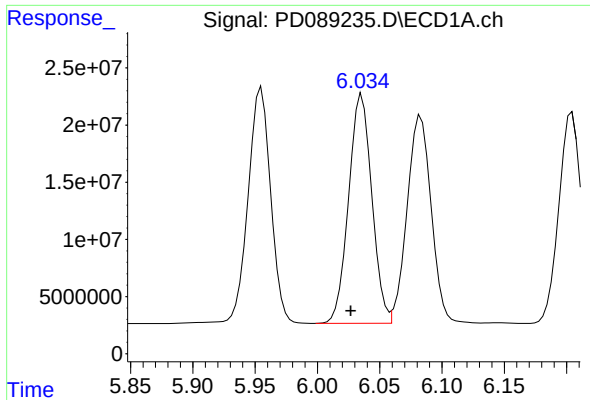
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.009 min  
Response: 262055453  
Conc: 54.73 ng/ml



#10 gamma-Chlordane

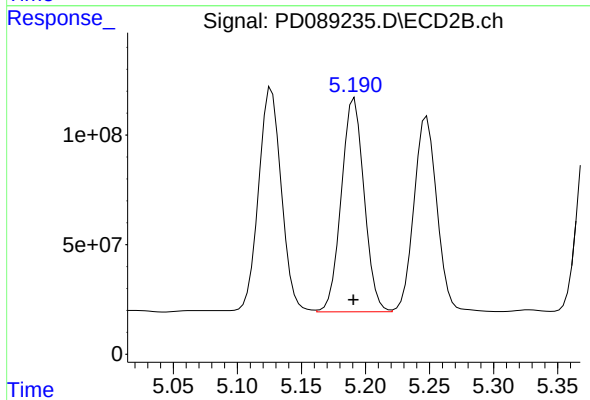
R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 1271230993  
Conc: 53.14 ng/ml



#11 alpha-Chlordane

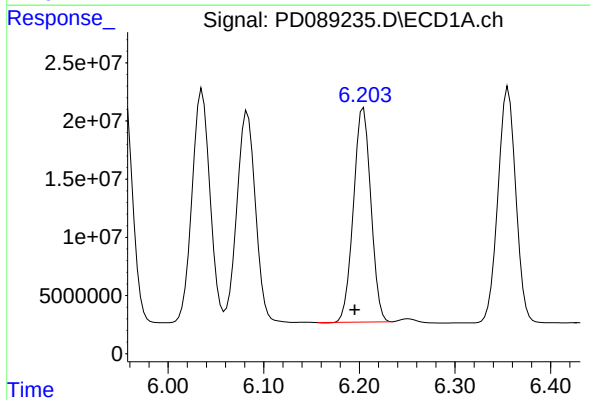
R.T.: 6.036 min  
Delta R.T.: 0.009 min  
Response: 260668469  
Conc: 53.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



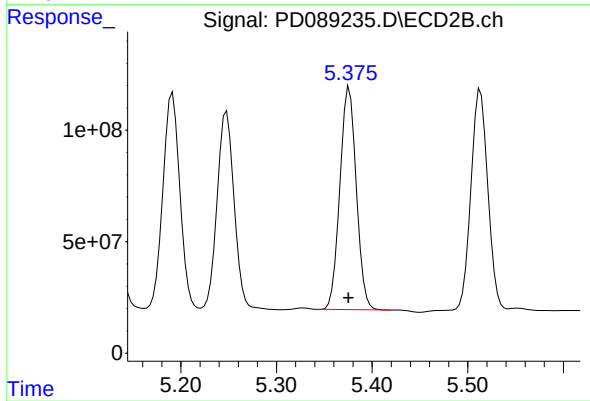
#11 alpha-Chlordane

R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 1205344138  
Conc: 52.64 ng/ml



#12 4,4'-DDE

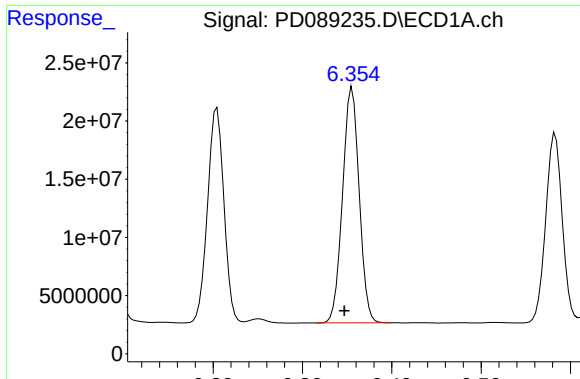
R.T.: 6.204 min  
Delta R.T.: 0.009 min  
Response: 233228803  
Conc: 53.48 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min  
Delta R.T.: 0.001 min  
Response: 1192648207  
Conc: 52.04 ng/ml

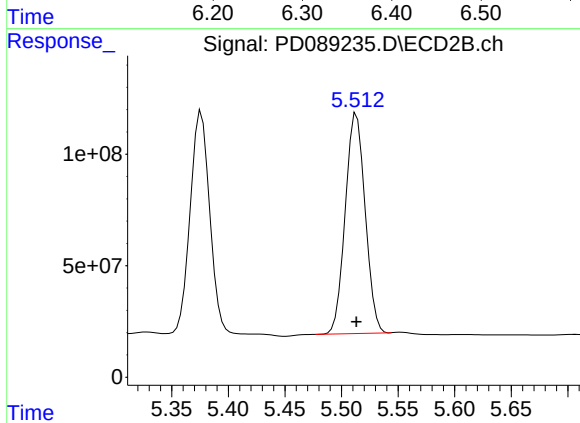




#13 Dieldrin

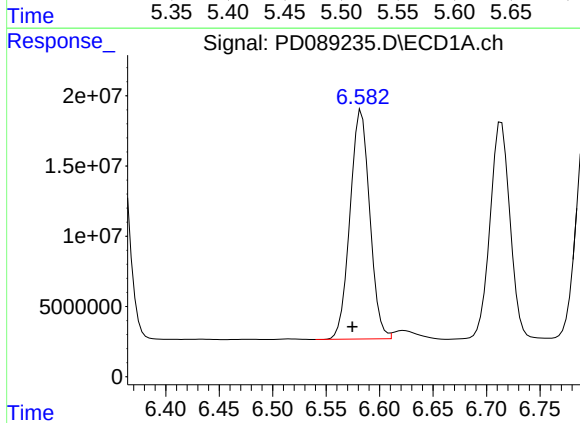
R.T.: 6.356 min  
Delta R.T.: 0.009 min  
Response: 261576027  
Conc: 54.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



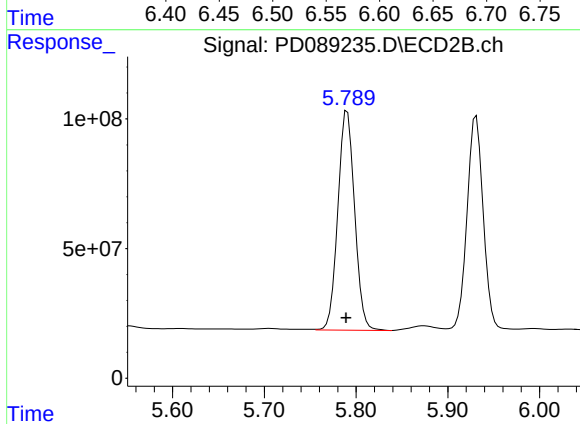
#13 Dieldrin

R.T.: 5.513 min  
Delta R.T.: 0.000 min  
Response: 1208590656  
Conc: 52.08 ng/ml



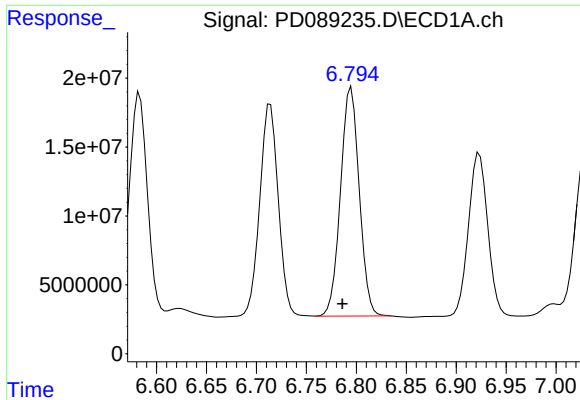
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.009 min  
Response: 209008373  
Conc: 50.66 ng/ml



#14 Endrin

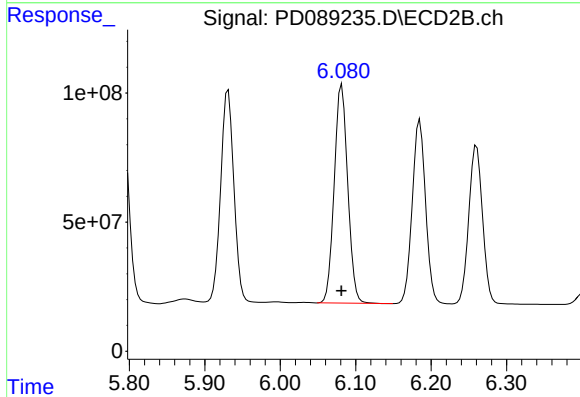
R.T.: 5.790 min  
Delta R.T.: 0.001 min  
Response: 1074411773  
Conc: 49.48 ng/ml



#15 Endosulfan II

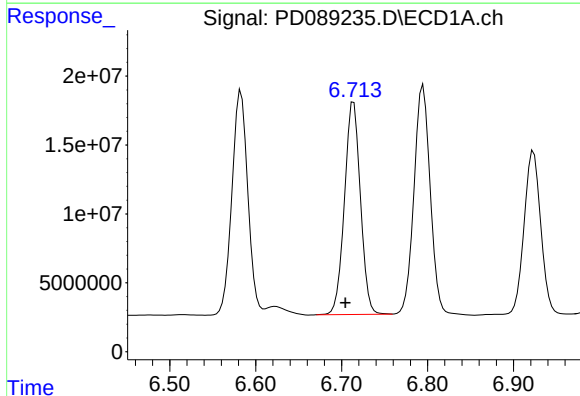
R.T.: 6.795 min  
Delta R.T.: 0.009 min  
Response: 216906127  
Conc: 53.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



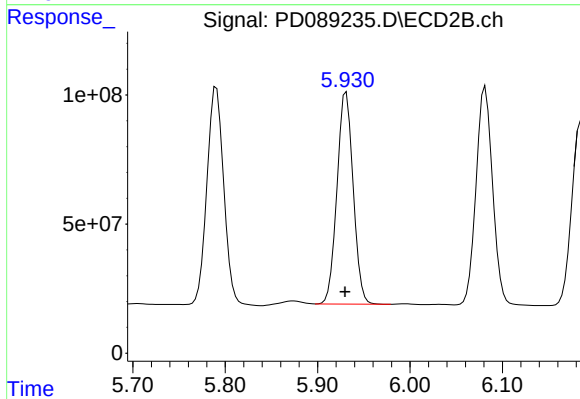
#15 Endosulfan II

R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 1053513862  
Conc: 52.16 ng/ml



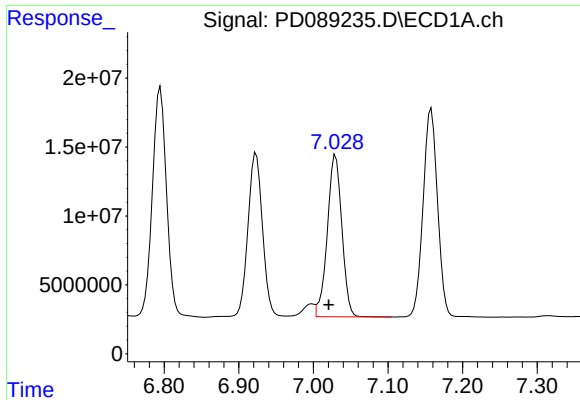
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.009 min  
Response: 199783402  
Conc: 58.21 ng/ml



#16 4,4'-DDD

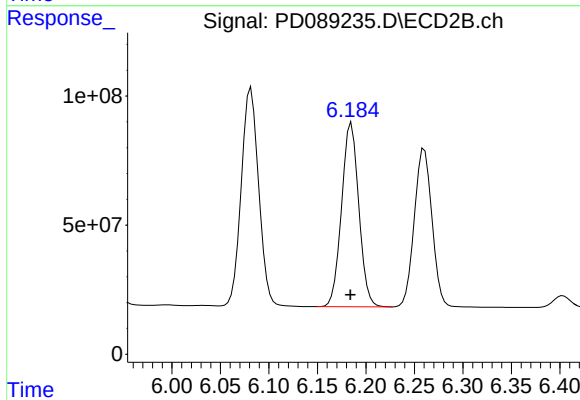
R.T.: 5.931 min  
Delta R.T.: 0.001 min  
Response: 997553927  
Conc: 52.15 ng/ml



#17 4,4'-DDT

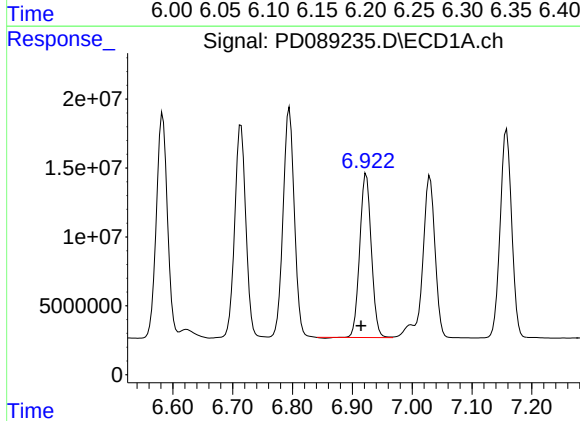
R.T.: 7.030 min  
Delta R.T.: 0.009 min  
Response: 159619214  
Conc: 42.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



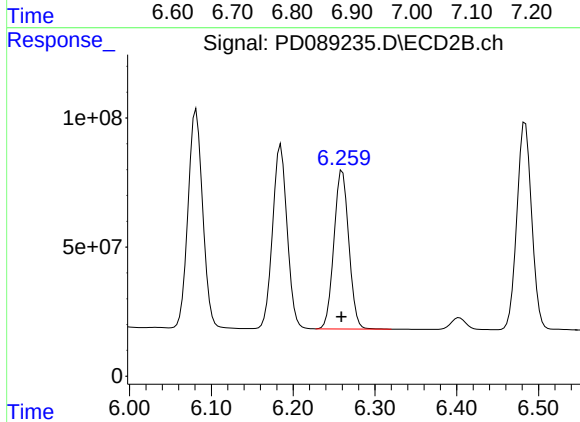
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: 0.000 min  
Response: 878284088  
Conc: 43.31 ng/ml



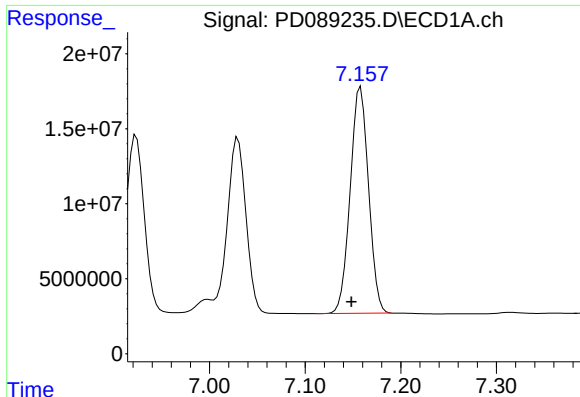
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.009 min  
Response: 160130814  
Conc: 52.26 ng/ml



#18 Endrin aldehyde

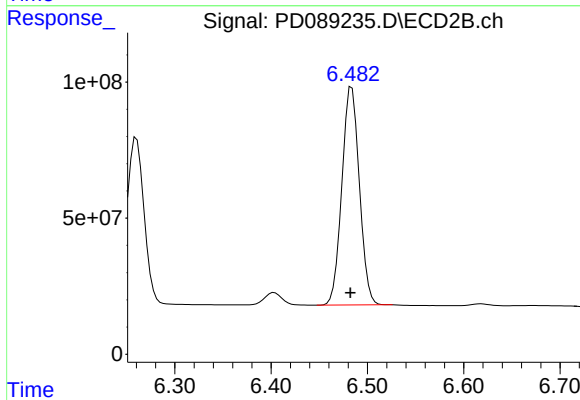
R.T.: 6.260 min  
Delta R.T.: 0.001 min  
Response: 777033617  
Conc: 50.75 ng/ml



#19 Endosulfan Sulfate

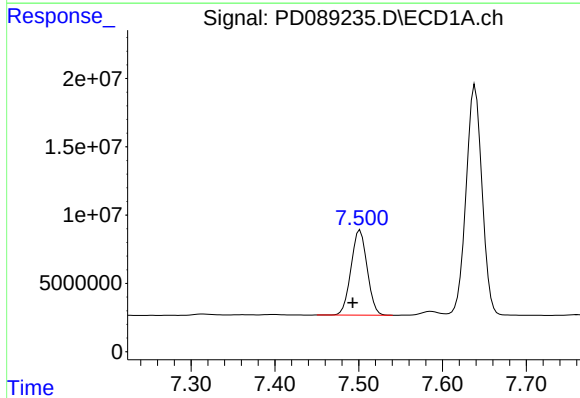
R.T.: 7.158 min  
Delta R.T.: 0.010 min  
Response: 201841382  
Conc: 52.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



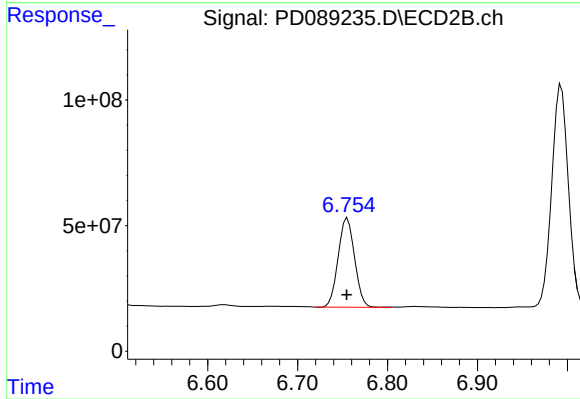
#19 Endosulfan Sulfate

R.T.: 6.484 min  
Delta R.T.: 0.001 min  
Response: 1008938781  
Conc: 51.42 ng/ml



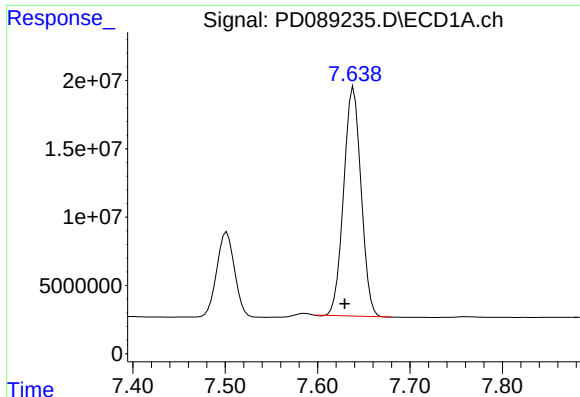
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.009 min  
Response: 83466688  
Conc: 41.31 ng/ml



#20 Methoxychlor

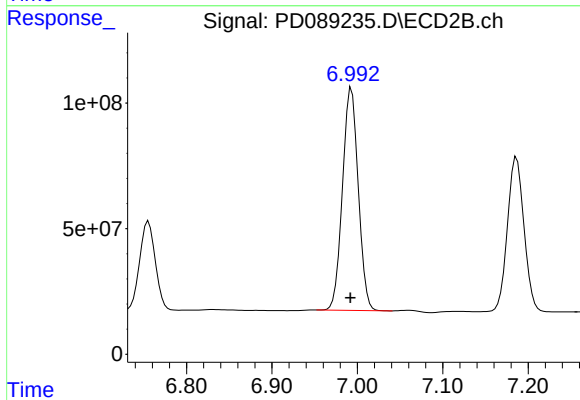
R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 450800416  
Conc: 41.86 ng/ml



#21 Endrin ketone

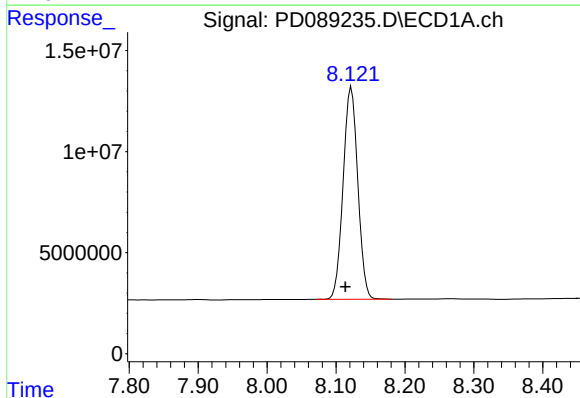
R.T.: 7.639 min  
Delta R.T.: 0.010 min  
Response: 219262293  
Conc: 53.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



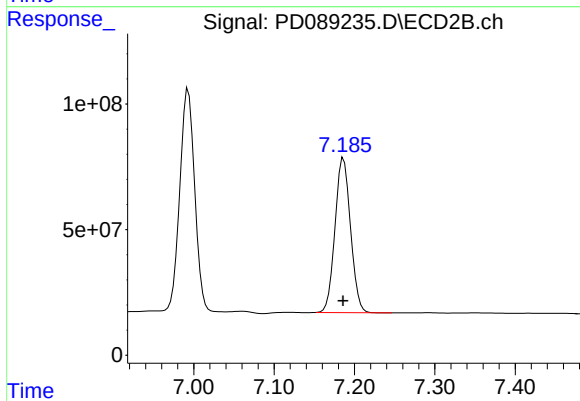
#21 Endrin ketone

R.T.: 6.993 min  
Delta R.T.: 0.001 min  
Response: 1136875575  
Conc: 52.63 ng/ml



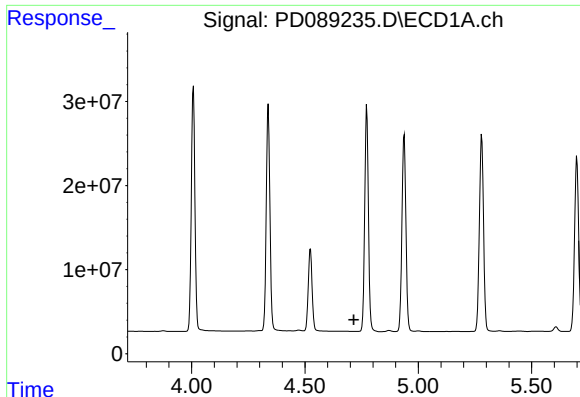
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.009 min  
Response: 155275850  
Conc: 51.08 ng/ml



#22 Mirex

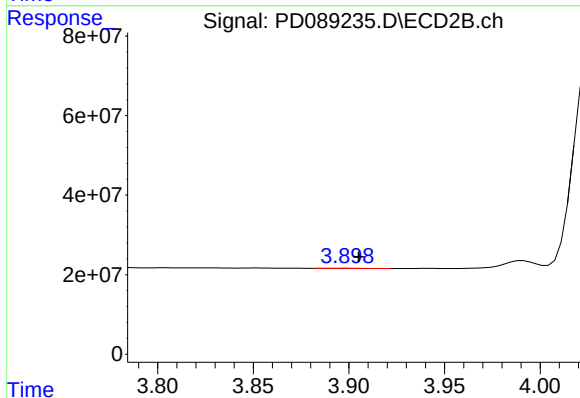
R.T.: 7.186 min  
Delta R.T.: 0.000 min  
Response: 827810792  
Conc: 49.63 ng/ml



#23 Chlordane-1

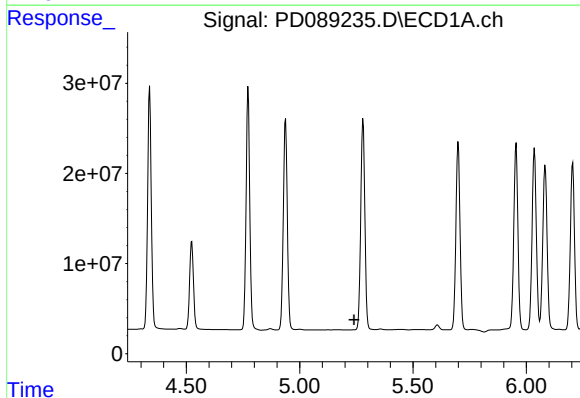
R.T.: 0.000 min  
Exp R.T.: 4.715 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



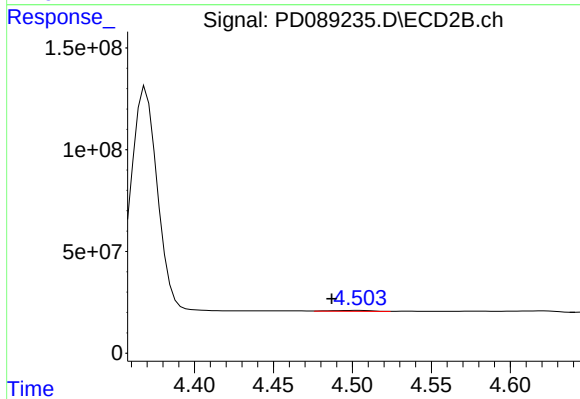
#23 Chlordane-1

R.T.: 3.891 min  
Delta R.T.: -0.014 min  
Response: 480544  
Conc: 0.52 ng/ml



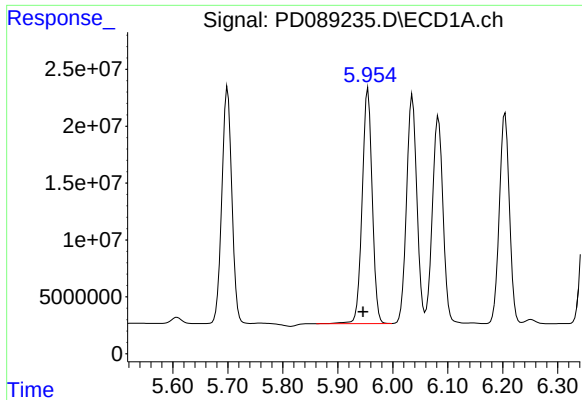
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.241 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

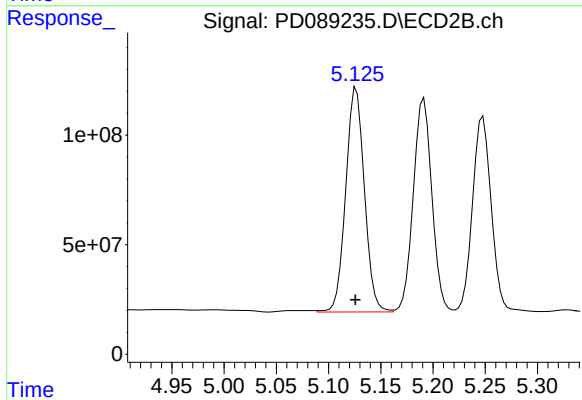
R.T.: 4.504 min  
Delta R.T.: 0.018 min  
Response: 7761382  
Conc: 8.16 ng/ml



#25 Chlordane-3

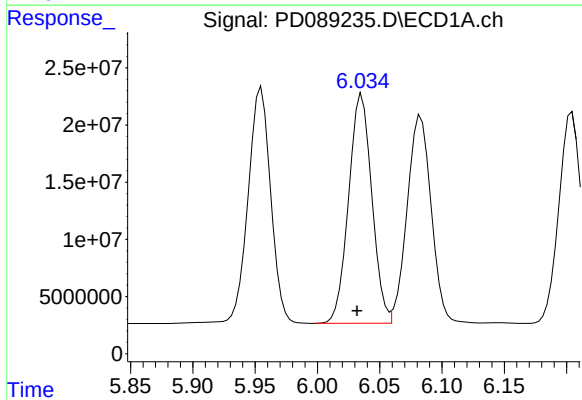
R.T.: 5.955 min  
Delta R.T.: 0.009 min  
Response: 262055453  
Conc: 303.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



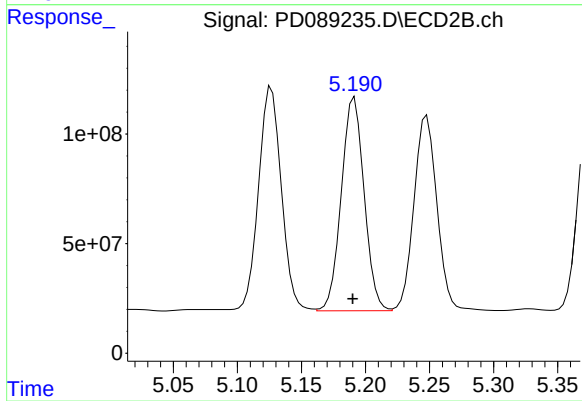
#25 Chlordane-3

R.T.: 5.127 min  
Delta R.T.: 0.001 min  
Response: 1271230993  
Conc: 428.00 ng/ml



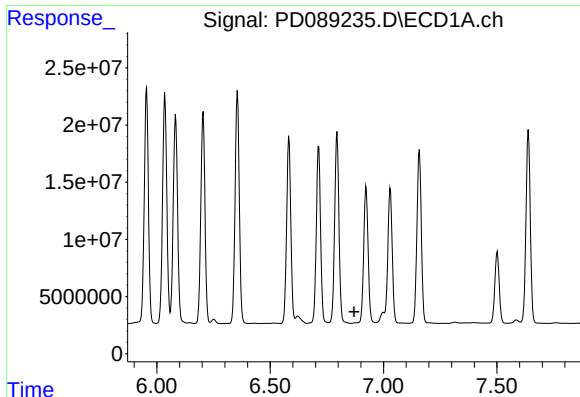
#26 Chlordane-4

R.T.: 6.036 min  
Delta R.T.: 0.004 min  
Response: 260668469  
Conc: 248.09 ng/ml



#26 Chlordane-4

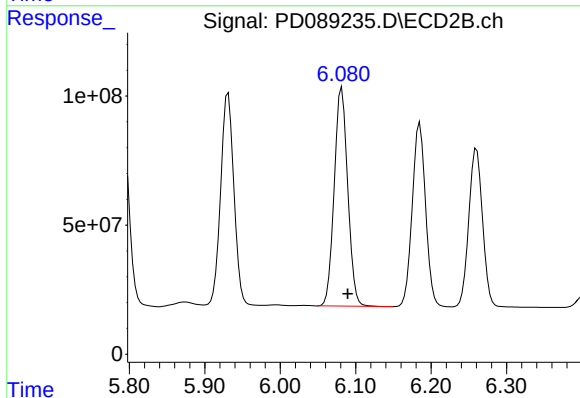
R.T.: 5.191 min  
Delta R.T.: 0.002 min  
Response: 1205344138  
Conc: 480.85 ng/ml



#27 Chlordane-5

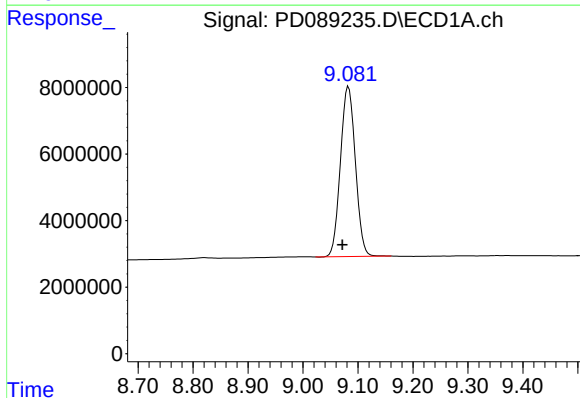
R.T.: 0.000 min  
Exp R.T.: 6.871 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB168641BSD



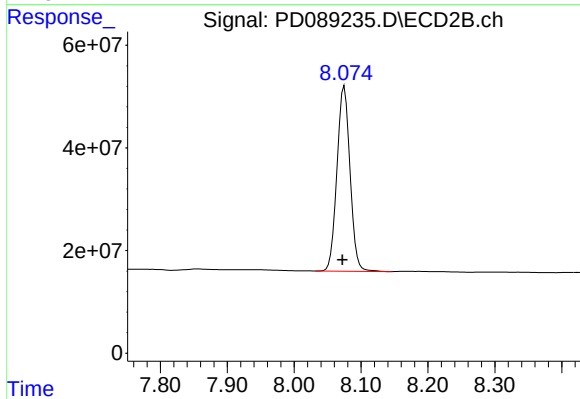
#27 Chlordane-5

R.T.: 6.082 min  
Delta R.T.: -0.008 min  
Response: 1053513862  
Conc: 930.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.011 min  
Response: 96693719  
Conc: 24.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min  
Delta R.T.: 0.003 min  
Response: 489459719  
Conc: 24.76 ng/ml