

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071625\  
 Data File : PD089505.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2025 14:48  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 01:44:16 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... | 3.549  | 2.880 | 132.8E6  | 846.0E6  | 46.560   | 49.902    |
| 28)                         | SA Decachlor... | 9.070  | 8.069 | 146.1E6  | 715.4E6  | 37.204   | 36.185    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.392 | 281.2E6  | 1353.6E6 | 48.248   | 50.514    |
| 3)                          | MA gamma-BHC... | 4.329  | 3.728 | 267.0E6  | 1225.6E6 | 47.841   | 49.506    |
| 4)                          | MA Heptachlor   | 4.928  | 4.081 | 247.3E6  | 1195.6E6 | 45.358   | 47.750    |
| 5)                          | MB Aldrin       | 5.270  | 4.367 | 241.7E6  | 1207.0E6 | 45.485   | 49.841    |
| 6)                          | B beta-BHC      | 4.515  | 4.023 | 102.8E6  | 527.8E6  | 46.589   | 49.112    |
| 7)                          | B delta-BHC     | 4.763  | 4.260 | 255.3E6  | 1237.3E6 | 49.743   | 49.743    |
| 8)                          | B Heptachlo...  | 5.689  | 4.870 | 213.1E6  | 1084.5E6 | 44.167   | 49.527    |
| 9)                          | A Endosulfan I  | 6.073  | 5.244 | 197.5E6  | 1008.1E6 | 43.813   | 48.367    |
| 10)                         | B gamma-Chl...  | 5.945  | 5.123 | 214.5E6  | 1144.0E6 | 44.789   | 47.822    |
| 11)                         | B alpha-Chl...  | 6.025  | 5.188 | 213.4E6  | 1088.9E6 | 44.101   | 47.555    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.372 | 185.4E6  | 1077.8E6 | 42.517   | 47.034    |
| 13)                         | MA Dieldrin     | 6.346  | 5.510 | 202.9E6  | 1086.5E6 | 42.300   | 46.817    |
| 14)                         | MA Endrin       | 6.573  | 5.787 | 162.2E6  | 957.6E6  | 39.309   | 44.102    |
| 15)                         | B Endosulfa...  | 6.785  | 6.078 | 168.8E6  | 902.3E6  | 41.828   | 44.676    |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.927 | 147.8E6  | 899.3E6  | 43.071   | 47.012    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.181 | 137.7E6  | 810.1E6  | 36.354   | 39.945    |
| 18)                         | B Endrin al...  | 6.914  | 6.256 | 122.7E6  | 646.4E6  | 40.030   | 42.218    |
| 19)                         | B Endosulfa...  | 7.148  | 6.479 | 154.8E6  | 854.0E6  | 40.339   | 43.525    |
| 20)                         | A Methoxychlor  | 7.491  | 6.752 | 87216383 | 500.6E6  | 43.163   | 46.492    |
| 21)                         | B Endrin ke...  | 7.629  | 6.989 | 164.8E6  | 896.2E6  | 40.470   | 41.489    |
| 22)                         | Mirex           | 8.111  | 7.183 | 118.0E6  | 679.2E6  | 38.818   | 40.722    |
| 23)                         | Chlordane-1     | 0.000  | 3.904 | 0        | 393730   | N.D.     | 0.422 #   |
| 24)                         | Chlordane-2     | 5.270f | 4.503 | 241.7E6  | 8815069  | 1106.951 | 9.263 #   |
| 25)                         | Chlordane-3     | 5.945  | 5.123 | 214.5E6  | 1144.0E6 | 248.649  | 385.167 # |
| 26)                         | Chlordane-4     | 6.025  | 5.188 | 213.4E6  | 1088.9E6 | 203.087  | 434.374 # |
| 27)                         | Chlordane-5     | 0.000  | 6.078 | 0        | 902.3E6  | N.D.     | 797.331 # |
| -----                       |                 |        |       |          |          |          |           |

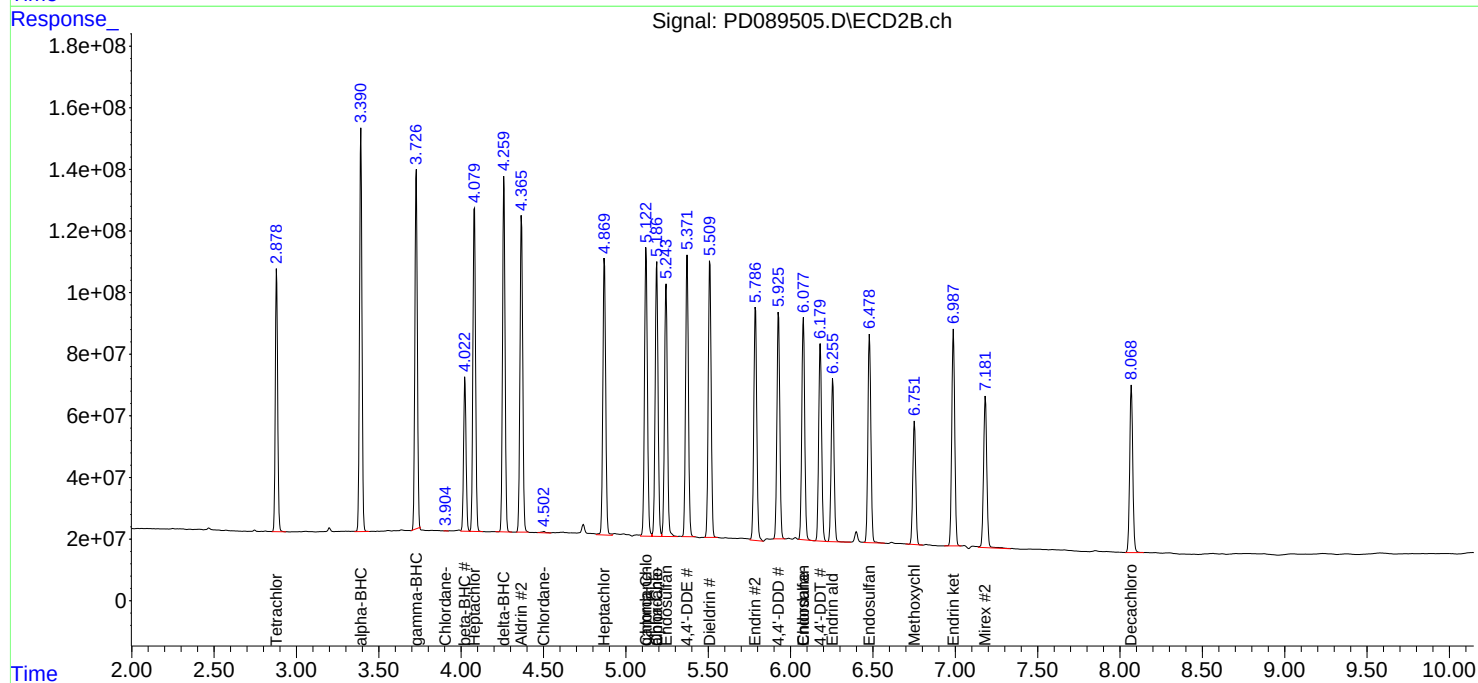
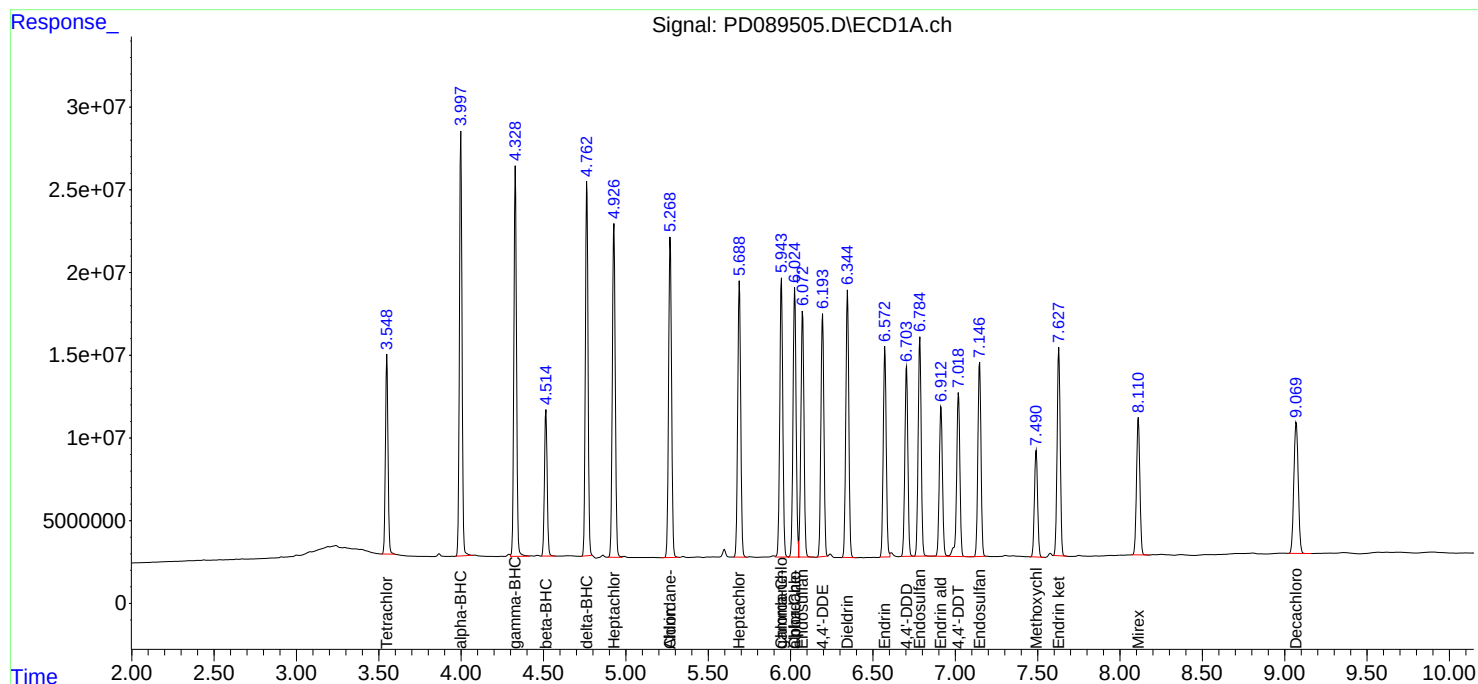
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

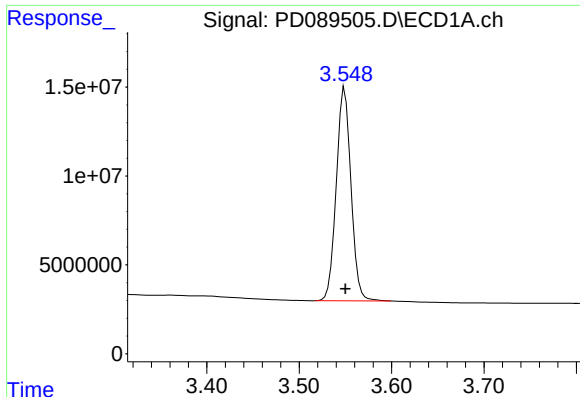
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071625\  
Data File : PD089505.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2025 14:48  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 01:44:16 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

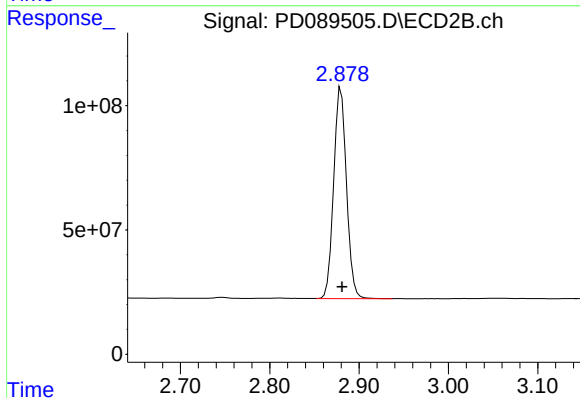




#1 Tetrachloro-m-xylene

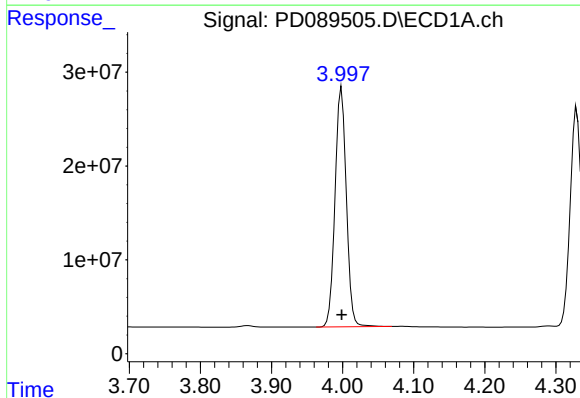
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 132841400  
Conc: 46.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



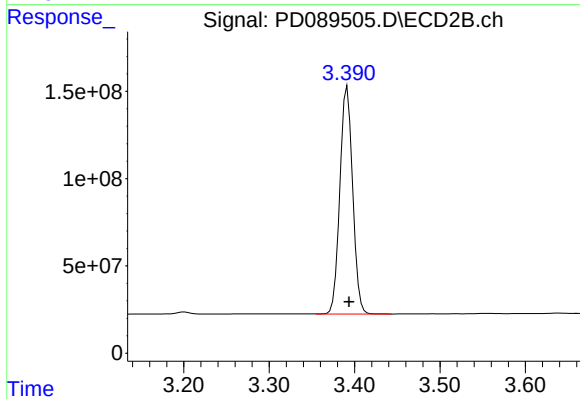
#1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 845993674  
Conc: 49.90 ng/ml



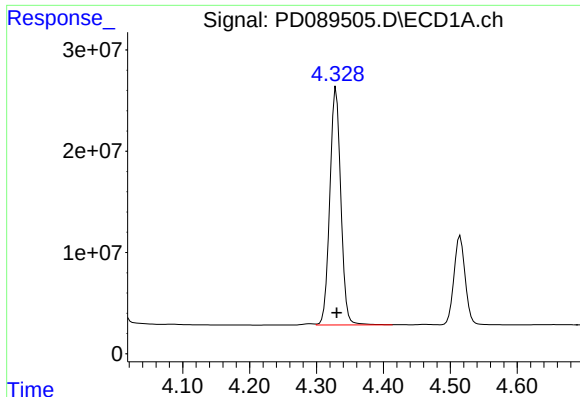
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 281242423  
Conc: 48.25 ng/ml



#2 alpha-BHC

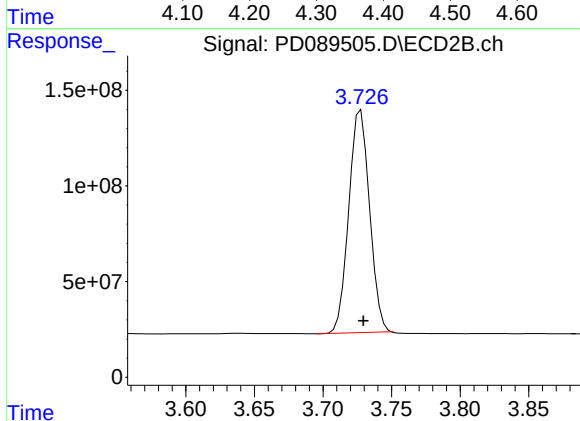
R.T.: 3.392 min  
Delta R.T.: -0.002 min  
Response: 1353636077  
Conc: 50.51 ng/ml



#3 gamma-BHC (Lindane)

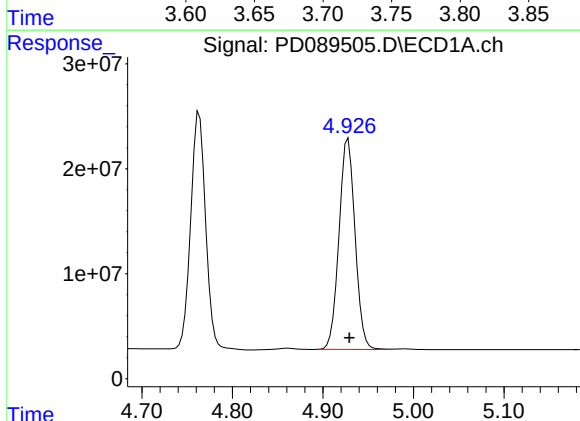
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 267034741  
Conc: 47.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



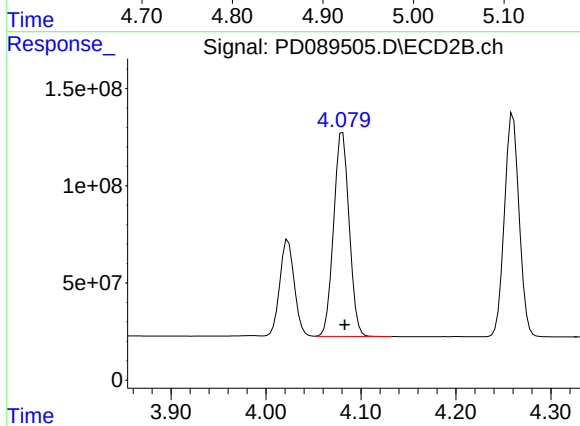
#3 gamma-BHC (Lindane)

R.T.: 3.728 min  
Delta R.T.: -0.002 min  
Response: 1225623252  
Conc: 49.51 ng/ml



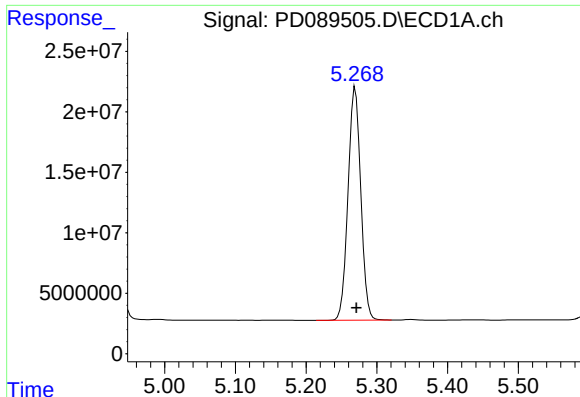
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: -0.002 min  
Response: 247291577  
Conc: 45.36 ng/ml



#4 Heptachlor

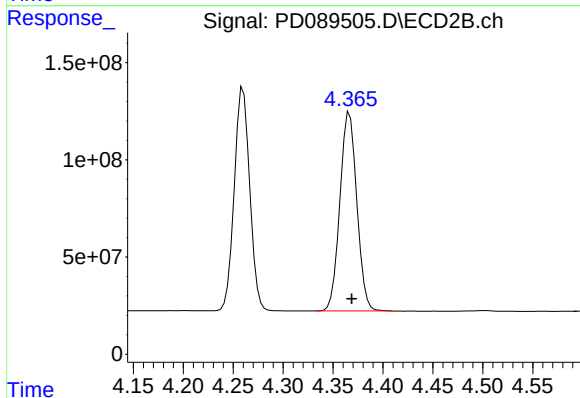
R.T.: 4.081 min  
Delta R.T.: -0.002 min  
Response: 1195584915  
Conc: 47.75 ng/ml



#5 Aldrin

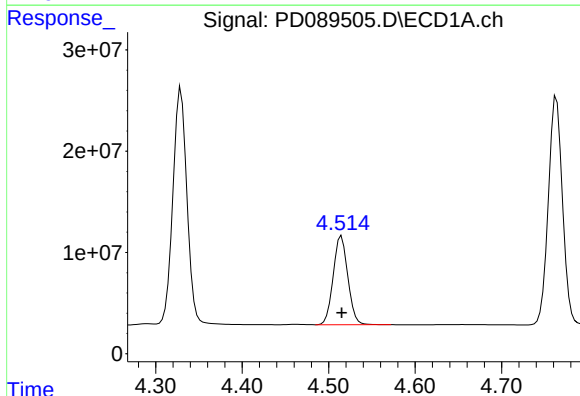
R.T.: 5.270 min  
Delta R.T.: -0.001 min  
Response: 241662663  
Conc: 45.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



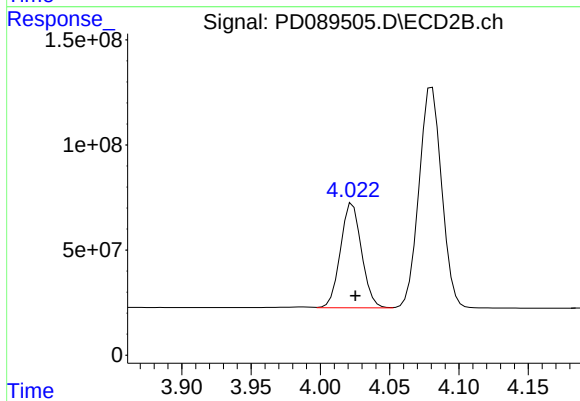
#5 Aldrin

R.T.: 4.367 min  
Delta R.T.: -0.002 min  
Response: 1207024194  
Conc: 49.84 ng/ml



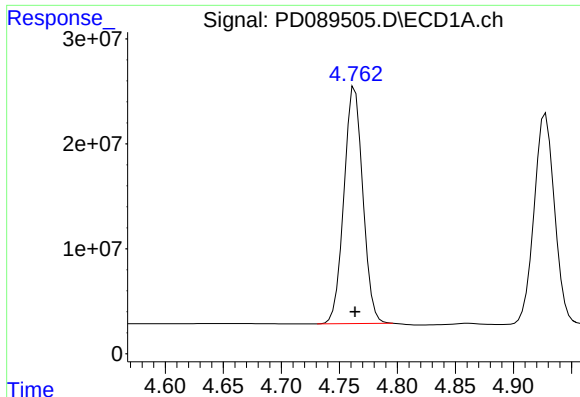
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 102827644  
Conc: 46.59 ng/ml



#6 beta-BHC

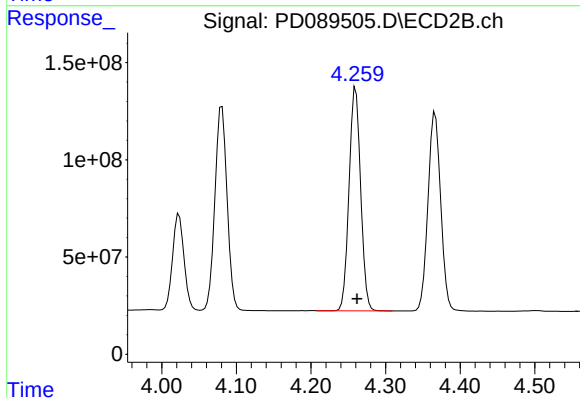
R.T.: 4.023 min  
Delta R.T.: -0.002 min  
Response: 527771812  
Conc: 49.11 ng/ml



#7 delta-BHC

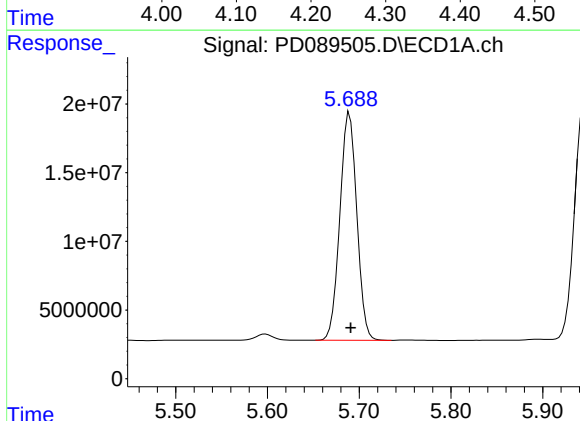
R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 255327682  
Conc: 49.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



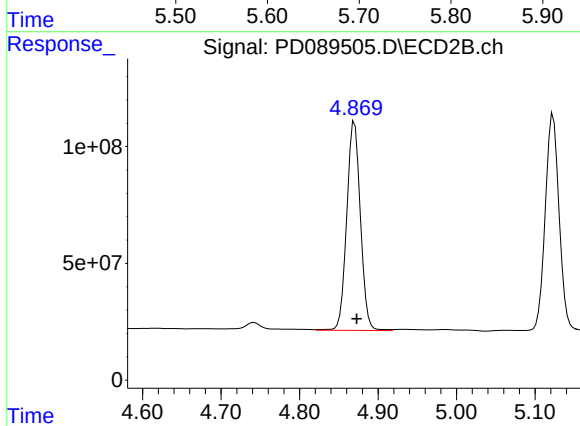
#7 delta-BHC

R.T.: 4.260 min  
Delta R.T.: -0.002 min  
Response: 1237284170  
Conc: 49.74 ng/ml



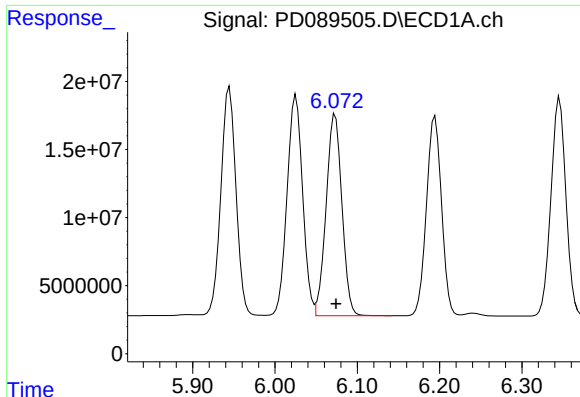
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.001 min  
Response: 213056688  
Conc: 44.17 ng/ml



#8 Heptachlor epoxide

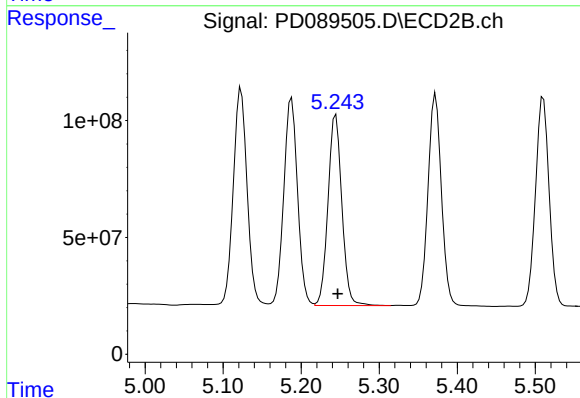
R.T.: 4.870 min  
Delta R.T.: -0.003 min  
Response: 1084535046  
Conc: 49.53 ng/ml



#9 Endosulfan I

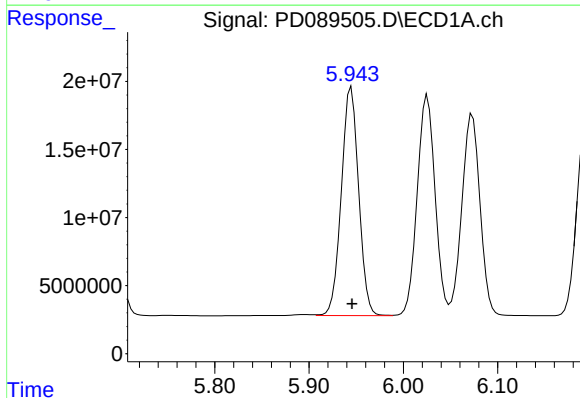
R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 197483830  
Conc: 43.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



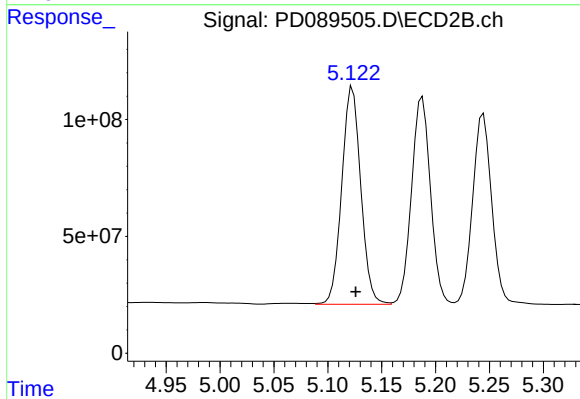
#9 Endosulfan I

R.T.: 5.244 min  
Delta R.T.: -0.003 min  
Response: 1008096247  
Conc: 48.37 ng/ml



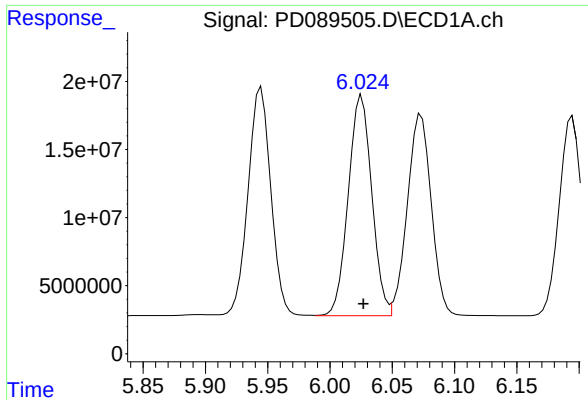
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 214455169  
Conc: 44.79 ng/ml



#10 gamma-Chlordane

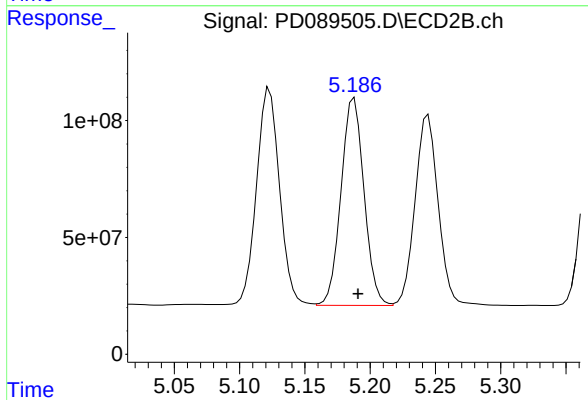
R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 1144024040  
Conc: 47.82 ng/ml



#11 alpha-Chlordane

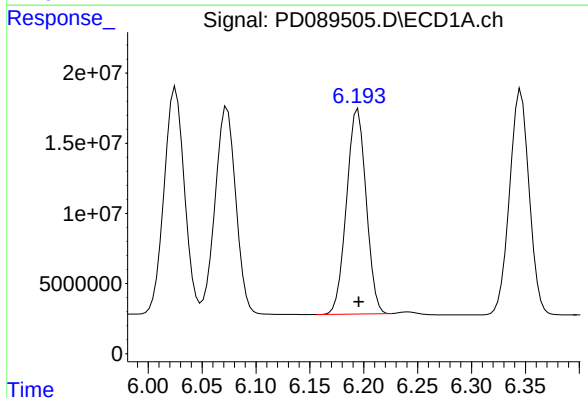
R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 213385587  
Conc: 44.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



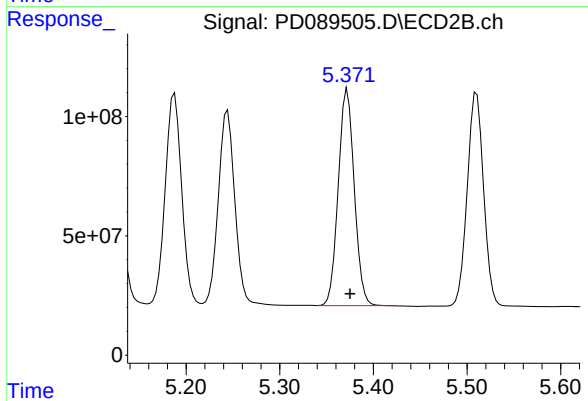
#11 alpha-Chlordane

R.T.: 5.188 min  
Delta R.T.: -0.003 min  
Response: 1088854448  
Conc: 47.55 ng/ml



#12 4,4'-DDE

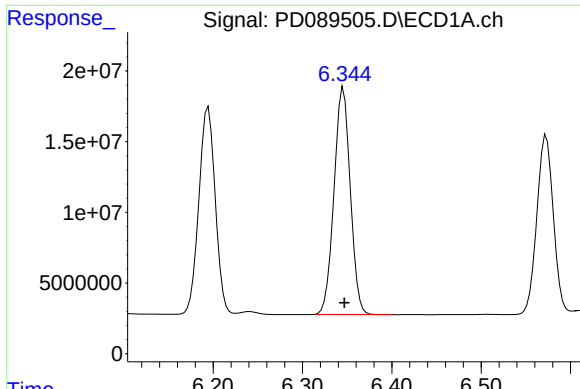
R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 185419636  
Conc: 42.52 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: -0.003 min  
Response: 1077823218  
Conc: 47.03 ng/ml

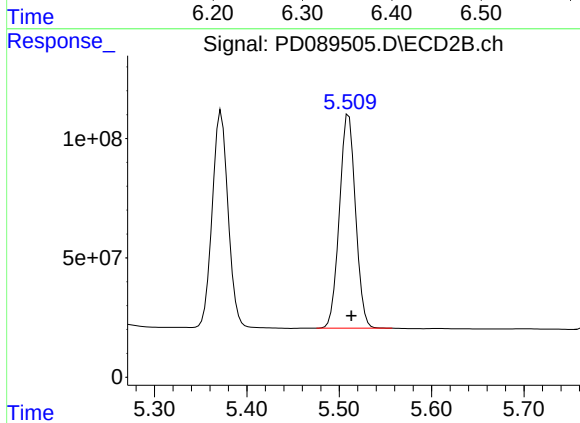




#13 Dieldrin

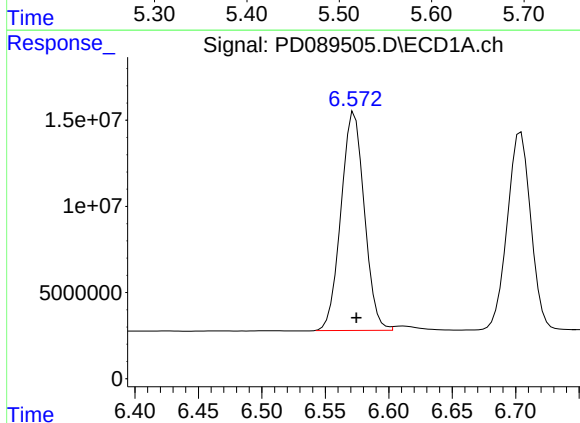
R.T.: 6.346 min  
Delta R.T.: -0.001 min  
Response: 202931083  
Conc: 42.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



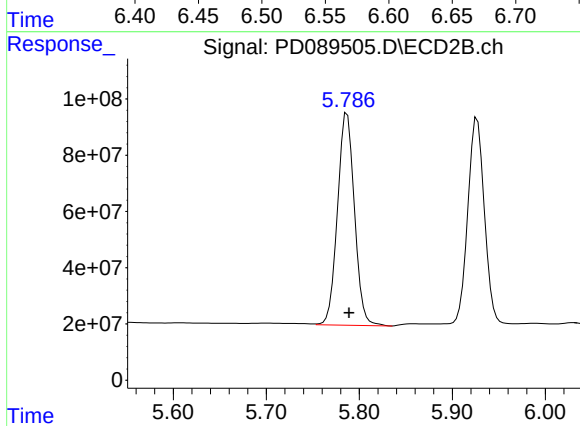
#13 Dieldrin

R.T.: 5.510 min  
Delta R.T.: -0.003 min  
Response: 1086543182  
Conc: 46.82 ng/ml



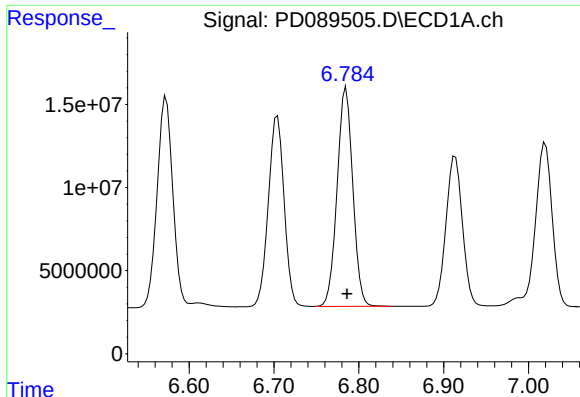
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.001 min  
Response: 162170762  
Conc: 39.31 ng/ml



#14 Endrin

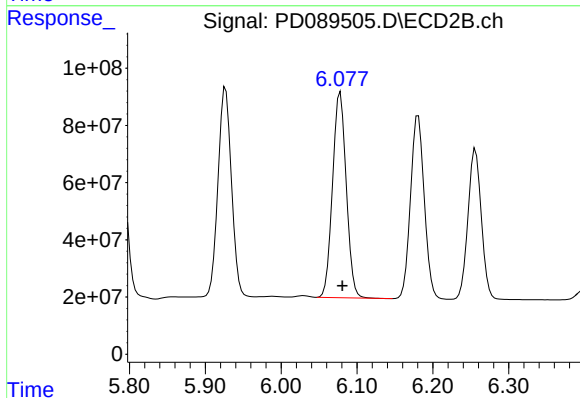
R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 957629614  
Conc: 44.10 ng/ml



#15 Endosulfan II

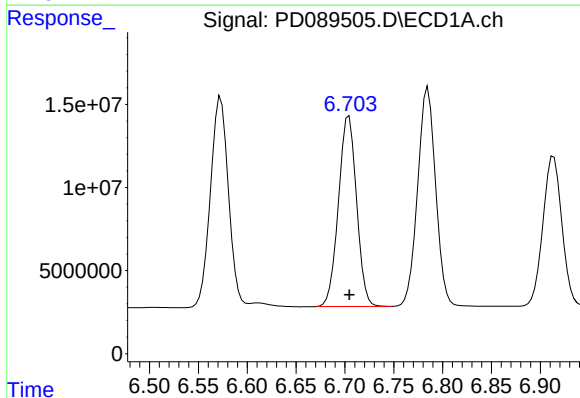
R.T.: 6.785 min  
Delta R.T.: -0.001 min  
Response: 168841083  
Conc: 41.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



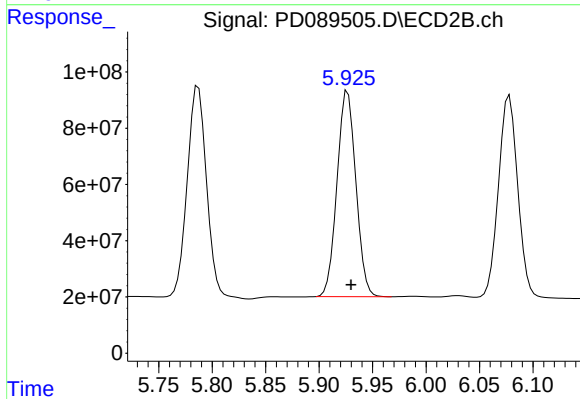
#15 Endosulfan II

R.T.: 6.078 min  
Delta R.T.: -0.003 min  
Response: 902308268  
Conc: 44.68 ng/ml



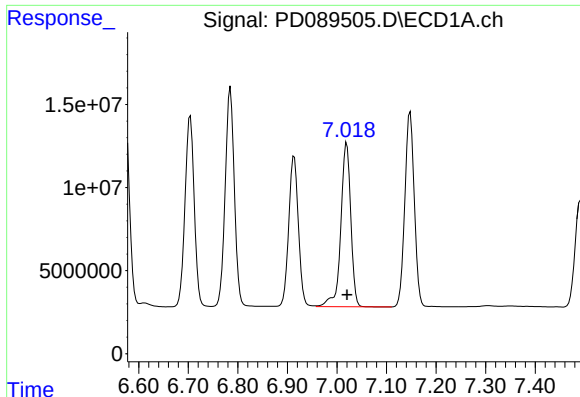
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: 0.000 min  
Response: 147820733  
Conc: 43.07 ng/ml



#16 4,4'-DDD

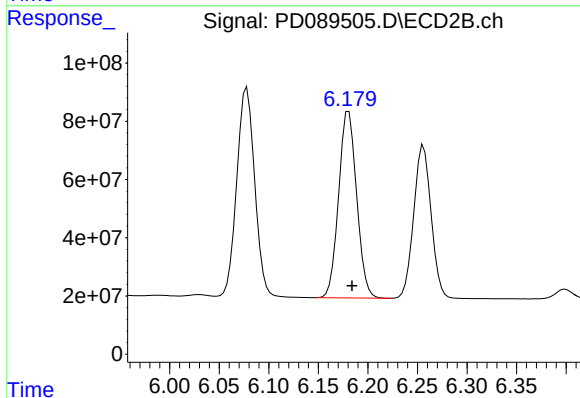
R.T.: 5.927 min  
Delta R.T.: -0.003 min  
Response: 899317261  
Conc: 47.01 ng/ml



#17 4,4'-DDT

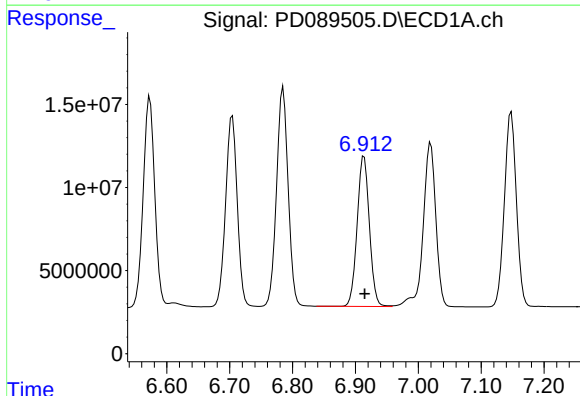
R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 137715805  
Conc: 36.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



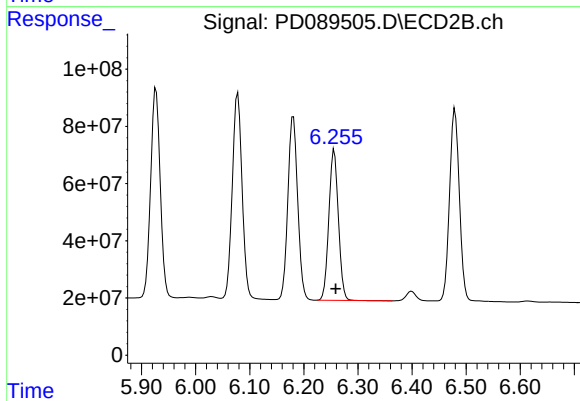
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.004 min  
Response: 810066662  
Conc: 39.95 ng/ml



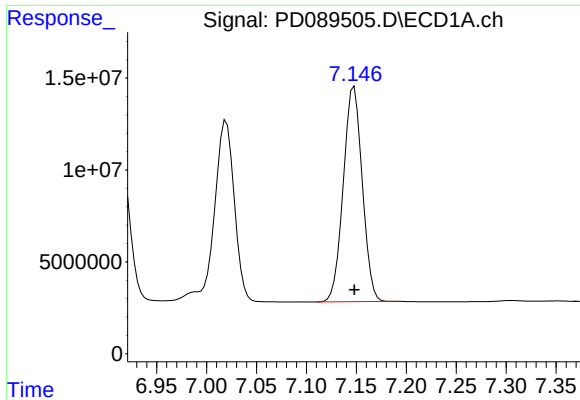
#18 Endrin aldehyde

R.T.: 6.914 min  
Delta R.T.: -0.001 min  
Response: 122650660  
Conc: 40.03 ng/ml



#18 Endrin aldehyde

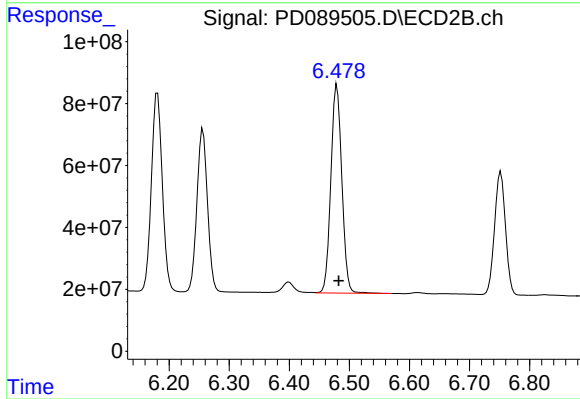
R.T.: 6.256 min  
Delta R.T.: -0.003 min  
Response: 646406275  
Conc: 42.22 ng/ml



#19 Endosulfan Sulfate

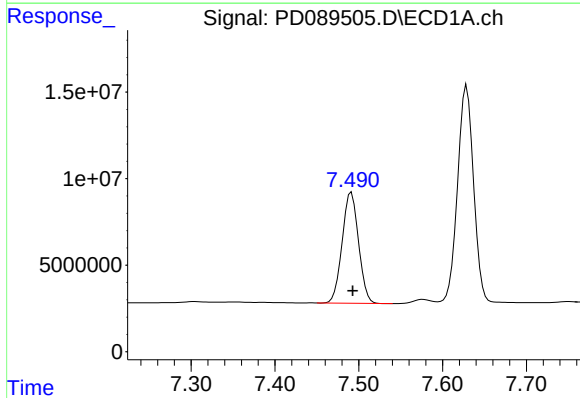
R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 154788403  
Conc: 40.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



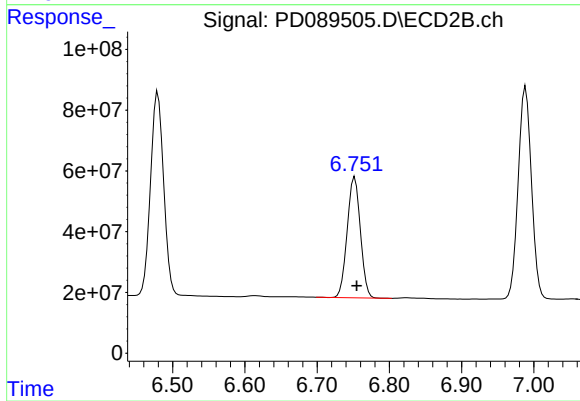
#19 Endosulfan Sulfate

R.T.: 6.479 min  
Delta R.T.: -0.003 min  
Response: 854013514  
Conc: 43.53 ng/ml



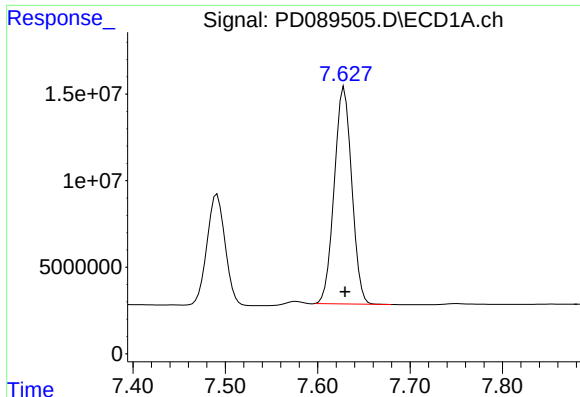
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: -0.001 min  
Response: 87216383  
Conc: 43.16 ng/ml



#20 Methoxychlor

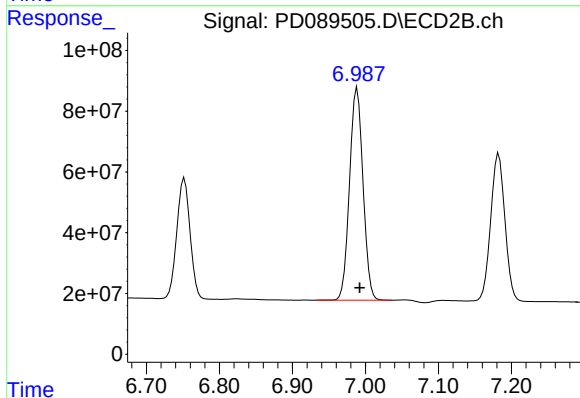
R.T.: 6.752 min  
Delta R.T.: -0.003 min  
Response: 500628444  
Conc: 46.49 ng/ml



#21 Endrin ketone

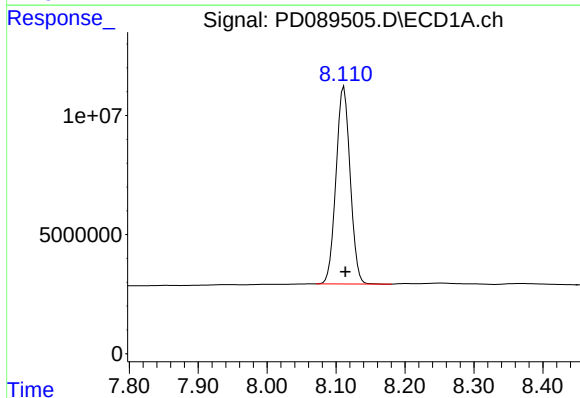
R.T.: 7.629 min  
Delta R.T.: 0.000 min  
Response: 164836777  
Conc: 40.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



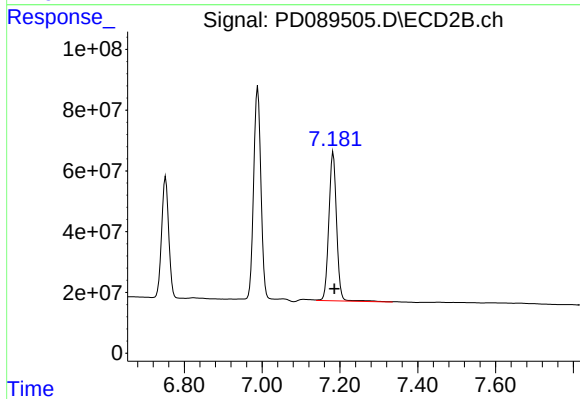
#21 Endrin ketone

R.T.: 6.989 min  
Delta R.T.: -0.003 min  
Response: 896227439  
Conc: 41.49 ng/ml



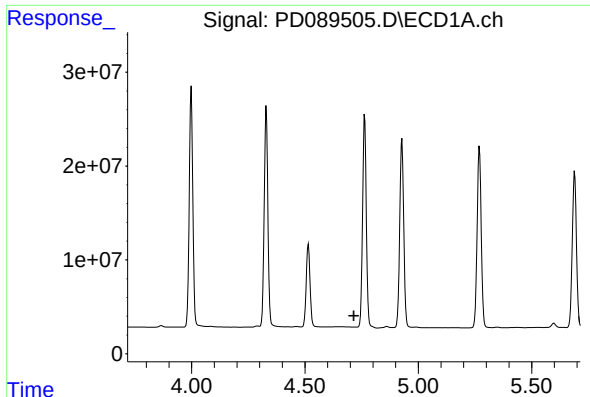
#22 Mirex

R.T.: 8.111 min  
Delta R.T.: -0.002 min  
Response: 118013553  
Conc: 38.82 ng/ml



#22 Mirex

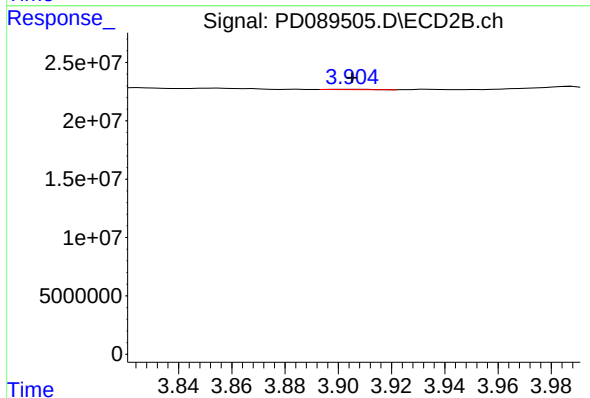
R.T.: 7.183 min  
Delta R.T.: -0.003 min  
Response: 679167295  
Conc: 40.72 ng/ml



#23 Chlordane-1

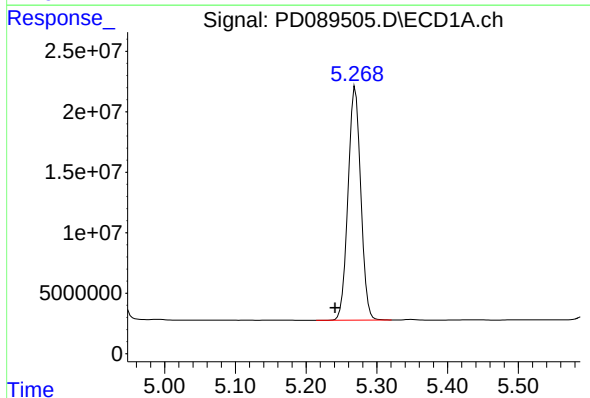
R.T.: 0.000 min  
Exp R.T.: 4.715 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



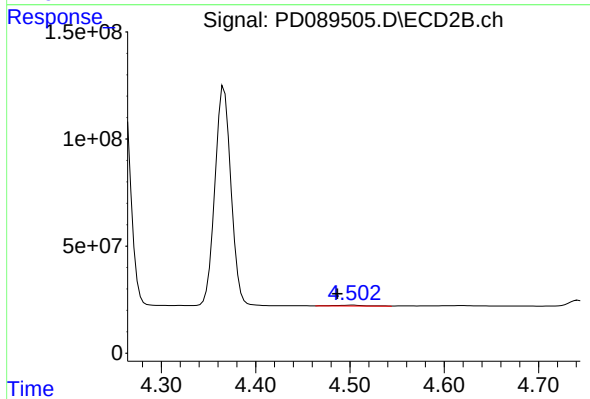
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: -0.001 min  
Response: 393730  
Conc: 0.42 ng/ml



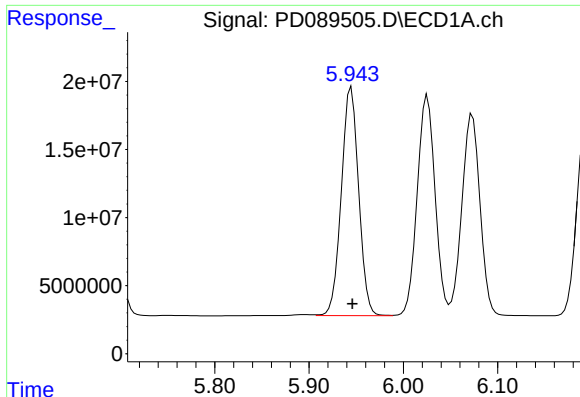
#24 Chlordane-2

R.T.: 5.270 min  
Delta R.T.: 0.029 min  
Response: 241662663  
Conc: 1106.95 ng/ml



#24 Chlordane-2

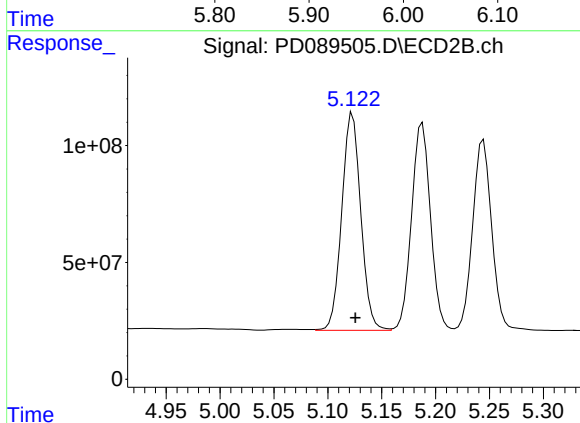
R.T.: 4.503 min  
Delta R.T.: 0.016 min  
Response: 8815069  
Conc: 9.26 ng/ml



#25 Chlordane-3

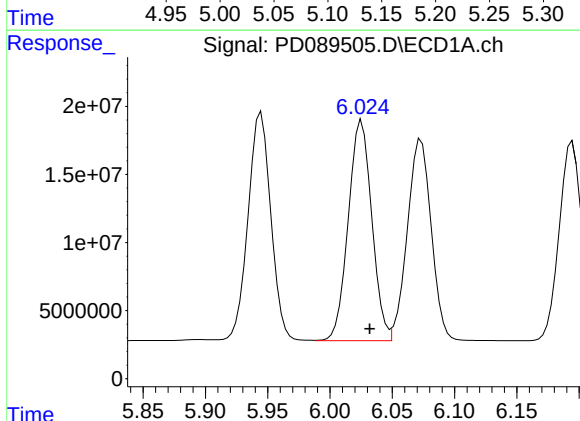
R.T.: 5.945 min  
Delta R.T.: -0.001 min  
Response: 214455169  
Conc: 248.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



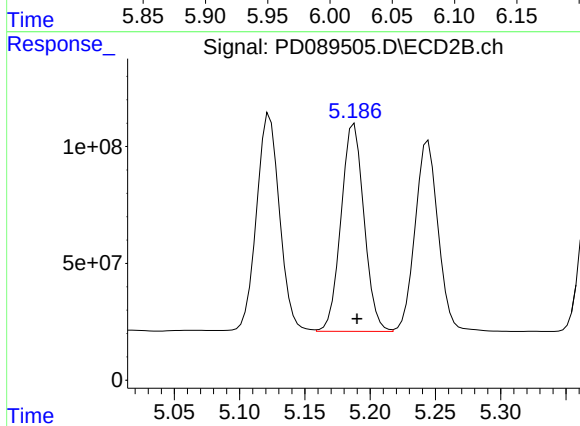
#25 Chlordane-3

R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 1144024040  
Conc: 385.17 ng/ml



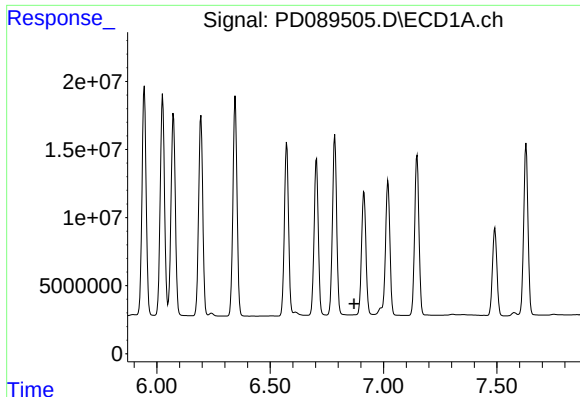
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.006 min  
Response: 213385587  
Conc: 203.09 ng/ml



#26 Chlordane-4

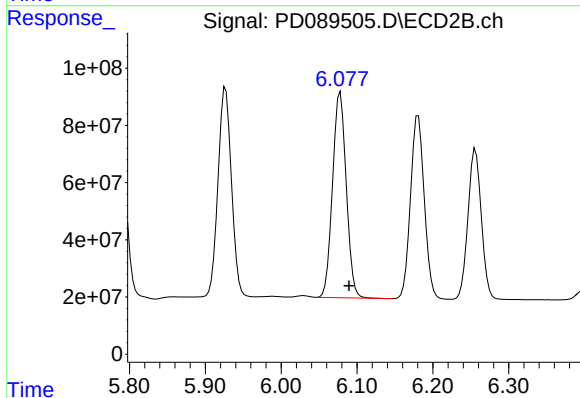
R.T.: 5.188 min  
Delta R.T.: -0.002 min  
Response: 1088854448  
Conc: 434.37 ng/ml



#27 Chlordane-5

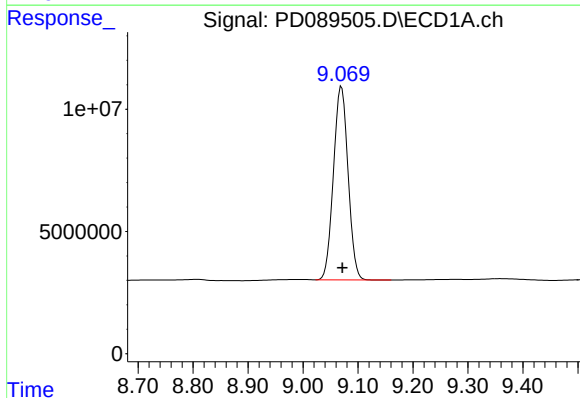
R.T.: 0.000 min  
Exp R.T.: 6.871 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



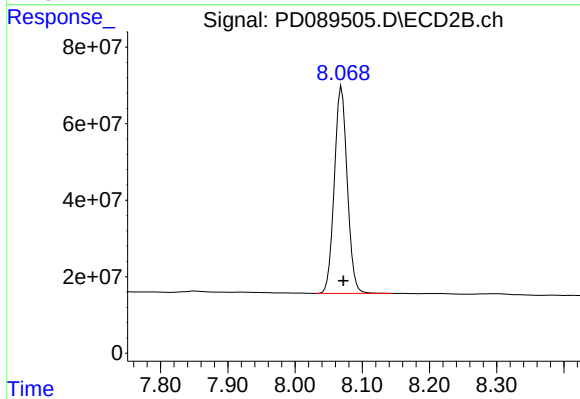
#27 Chlordane-5

R.T.: 6.078 min  
Delta R.T.: -0.012 min  
Response: 902308268  
Conc: 797.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 146122065  
Conc: 37.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min  
Delta R.T.: -0.003 min  
Response: 715368440  
Conc: 36.18 ng/ml