

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 13:53  
 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: Aug 18 01:50:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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 | 2.879 | 111.2E6  | 860.9E6  | 45.097  | 54.354     |
| 28)                         | SA Decachlor... | 9.069 | 8.067 | 154.2E6  | 971.2E6  | 41.490  | 48.373     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.998 | 3.390 | 229.2E6  | 1344.2E6 | 46.276  | 55.304     |
| 3)                          | MA gamma-BHC... | 4.329 | 3.727 | 219.4E6  | 1237.6E6 | 46.176  | 54.947     |
| 4)                          | MA Heptachlor   | 4.927 | 4.080 | 209.4E6  | 1216.5E6 | 43.522  | 52.416     |
| 5)                          | MB Aldrin       | 5.269 | 4.365 | 205.8E6  | 1218.6E6 | 45.082  | 54.766     |
| 6)                          | B beta-BHC      | 4.515 | 4.023 | 84564517 | 524.7E6  | 45.842  | 54.380     |
| 7)                          | B delta-BHC     | 4.763 | 4.259 | 208.7E6  | 1248.0E6 | 45.497  | 54.940     |
| 8)                          | B Heptachlo...  | 5.689 | 4.869 | 184.7E6  | 1104.1E6 | 44.170  | 53.726     |
| 9)                          | A Endosulfan I  | 6.072 | 5.243 | 172.4E6  | 988.2E6  | 43.491  | 50.551     |
| 10)                         | B gamma-Chl...  | 5.944 | 5.122 | 183.5E6  | 1184.5E6 | 43.910  | 54.703     |
| 11)                         | B alpha-Chl...  | 6.024 | 5.186 | 183.8E6  | 1130.7E6 | 43.721  | 54.301     |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.371 | 160.1E6  | 1142.9E6 | 42.914  | 54.073 #   |
| 13)                         | MA Dieldrin     | 6.345 | 5.509 | 182.8E6  | 1172.5E6 | 43.281  | 54.185 #   |
| 14)                         | MA Endrin       | 6.572 | 5.786 | 150.9E6  | 1141.9E6 | 42.178  | 57.311 #   |
| 15)                         | B Endosulfa...  | 6.784 | 6.077 | 156.6E6  | 995.8E6  | 42.688  | 52.968     |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.925 | 134.6E6  | 948.5E6  | 44.953  | 53.793     |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.179 | 136.9E6  | 965.9E6  | 40.727  | 52.571 #   |
| 18)                         | B Endrin al...  | 6.913 | 6.255 | 110.5E6  | 706.7E6  | 44.281  | 54.699     |
| 19)                         | B Endosulfa...  | 7.148 | 6.479 | 143.4E6  | 953.3E6  | 41.313  | 51.347     |
| 20)                         | A Methoxychlor  | 7.491 | 6.750 | 74289117 | 518.6E6  | 41.549  | 52.947 #   |
| 21)                         | B Endrin ke...  | 7.628 | 6.987 | 154.3E6  | 1026.7E6 | 41.546  | 51.161     |
| 22)                         | Mirex           | 8.111 | 7.181 | 113.9E6  | 785.7E6  | 40.854  | 51.617 #   |
| 23)                         | Chlordane-1     | 0.000 | 3.897 | 0        | 724788   | N.D.    | 0.991 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.503 | 0        | 63249411 | N.D.    | 82.748 #   |
| 25)                         | Chlordane-3     | 5.944 | 5.122 | 183.5E6  | 1184.5E6 | 267.564 | 511.821 #  |
| 26)                         | Chlordane-4     | 6.024 | 5.186 | 183.8E6  | 1130.7E6 | 219.576 | 568.299 #  |
| 27)                         | Chlordane-5     | 0.000 | 6.077 | 0        | 995.8E6  | N.D.    | 1100.648 # |
| -----                       |                 |       |       |          |          |         |            |

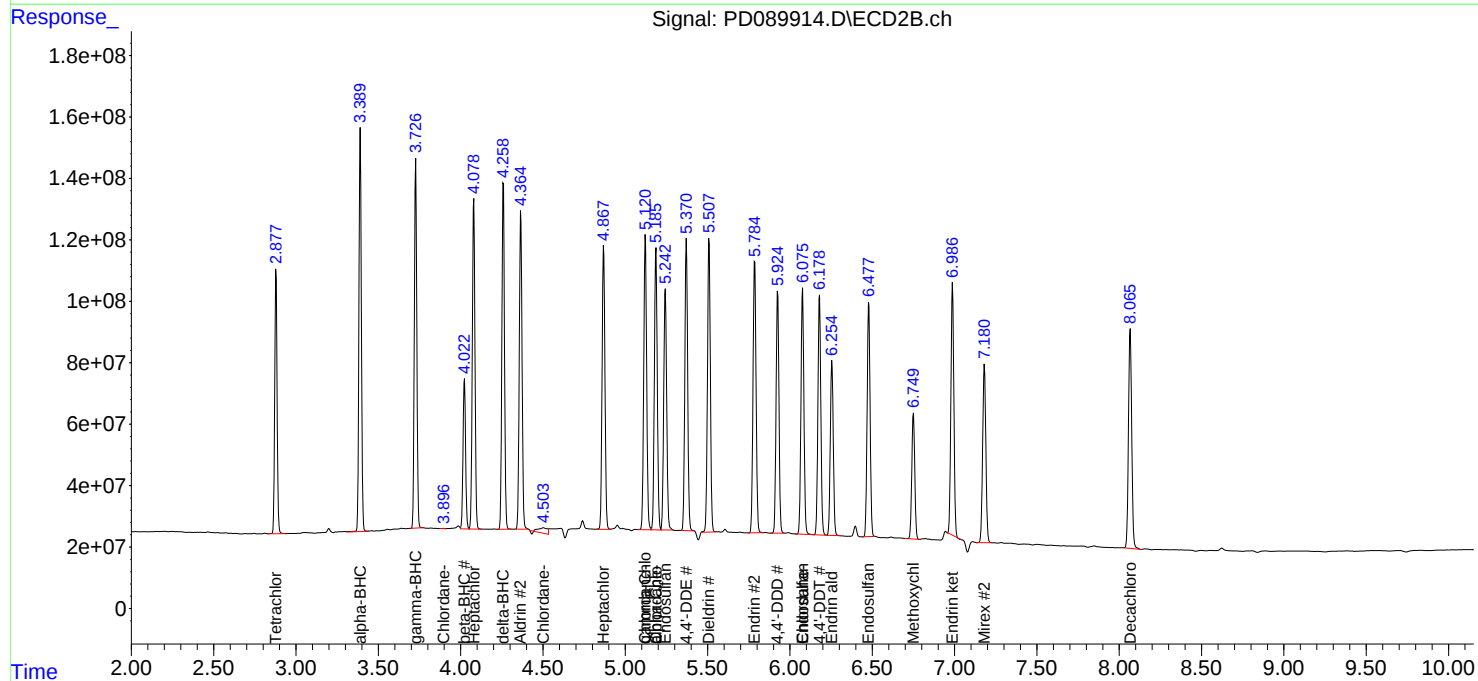
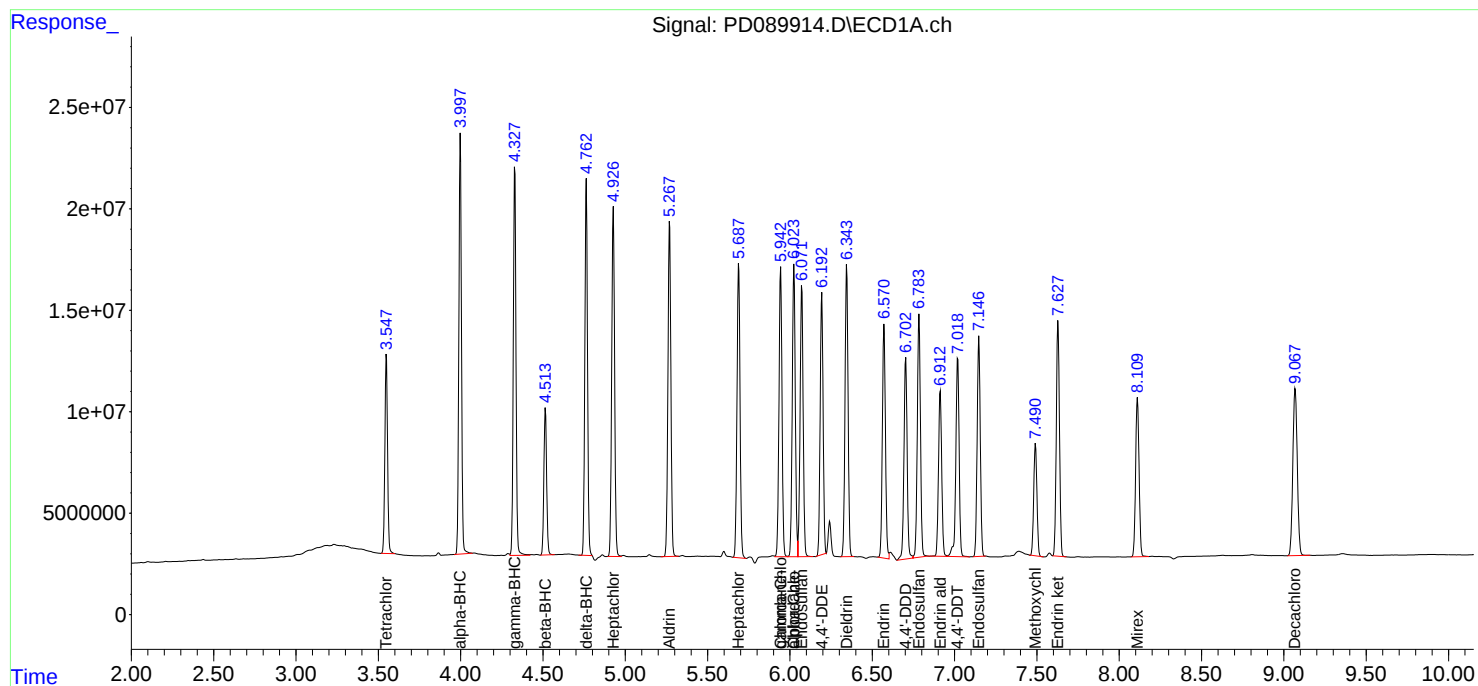
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

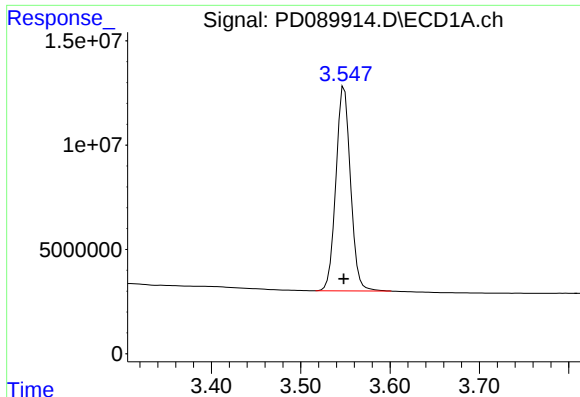
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
Data File : PD089914.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2025 13:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 01:50:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 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

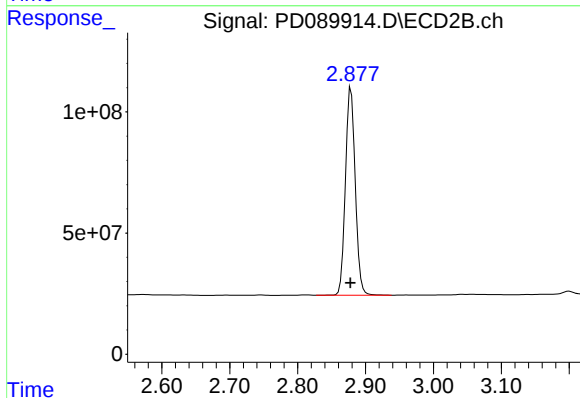




#1 Tetrachloro-m-xylene

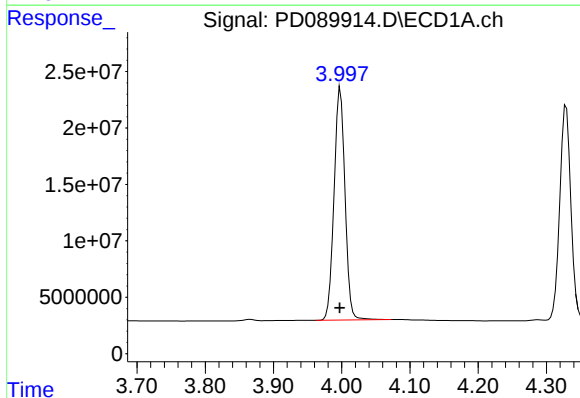
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 111235214  
Conc: 45.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



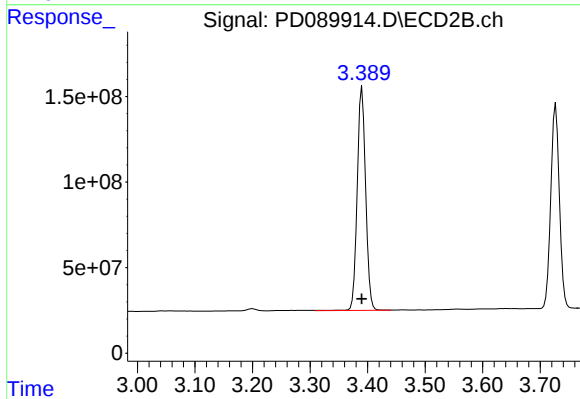
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: 0.001 min  
Response: 860850100  
Conc: 54.35 ng/ml



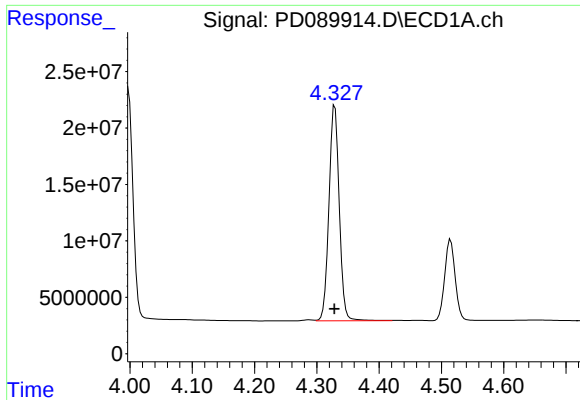
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.001 min  
Response: 229229213  
Conc: 46.28 ng/ml



#2 alpha-BHC

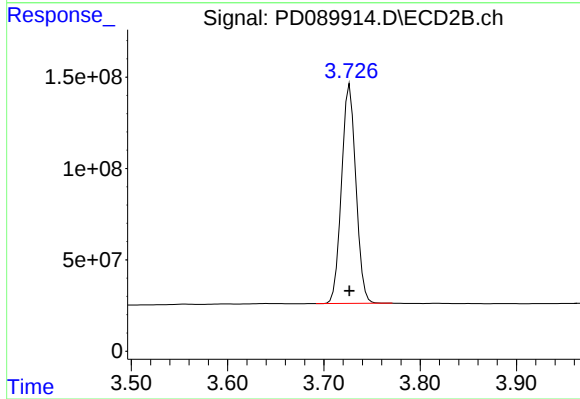
R.T.: 3.390 min  
Delta R.T.: 0.000 min  
Response: 1344167252  
Conc: 55.30 ng/ml



#3 gamma-BHC (Lindane)

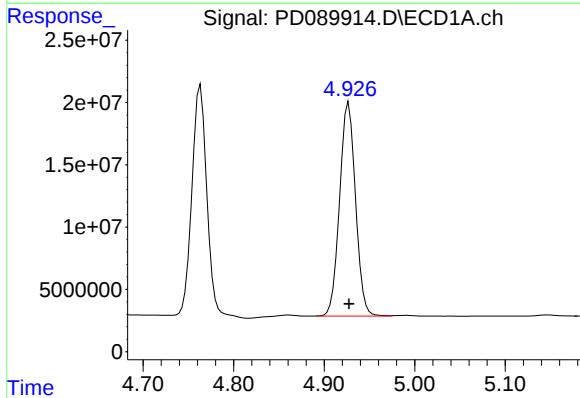
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 219444135  
Conc: 46.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



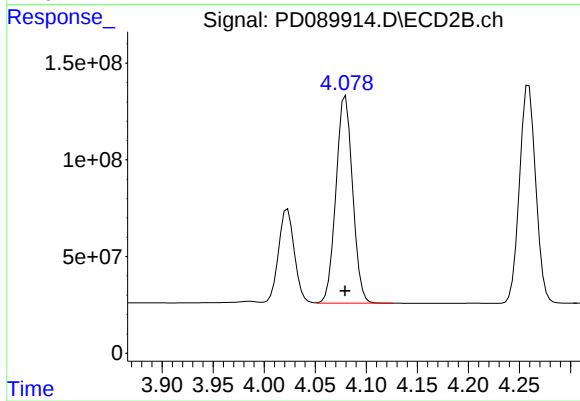
#3 gamma-BHC (Lindane)

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 1237628900  
Conc: 54.95 ng/ml



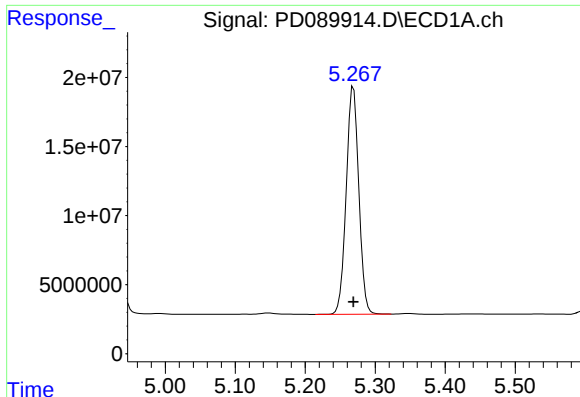
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 209404804  
Conc: 43.52 ng/ml



#4 Heptachlor

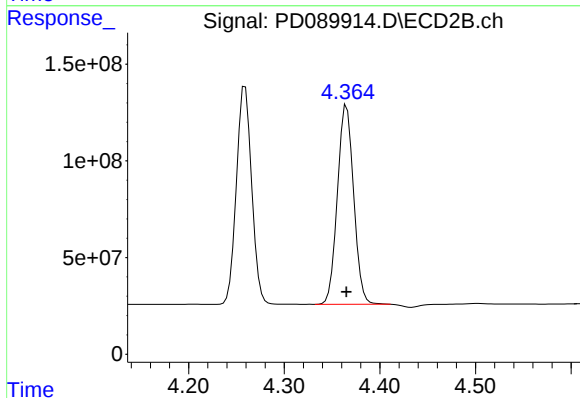
R.T.: 4.080 min  
Delta R.T.: 0.000 min  
Response: 1216530793  
Conc: 52.42 ng/ml



#5 Aldrin

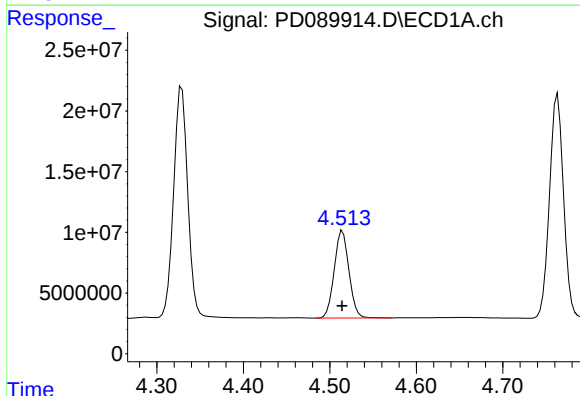
R.T.: 5.269 min  
Delta R.T.: 0.000 min  
Response: 205794565  
Conc: 45.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



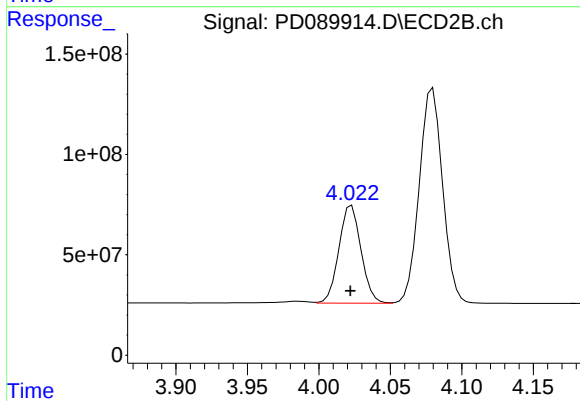
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 1218586396  
Conc: 54.77 ng/ml



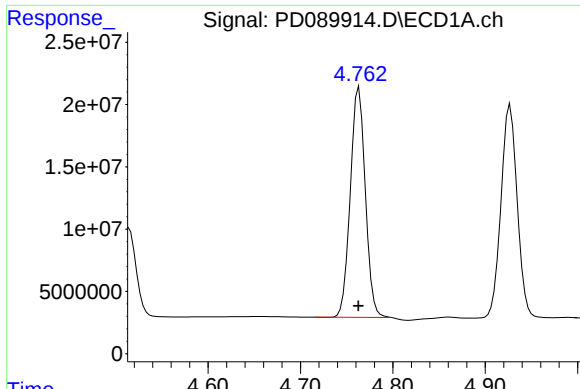
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 84564517  
Conc: 45.84 ng/ml



#6 beta-BHC

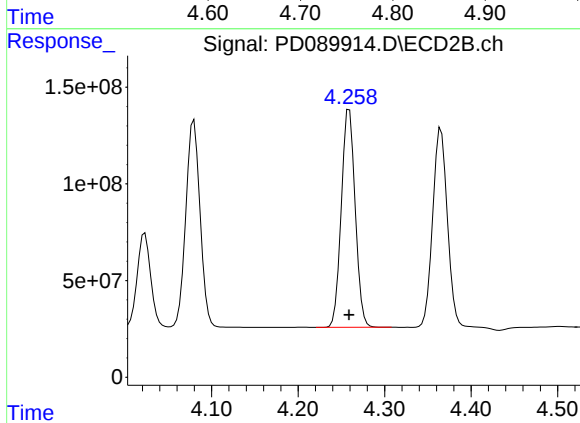
R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 524709954  
Conc: 54.38 ng/ml



#7 delta-BHC

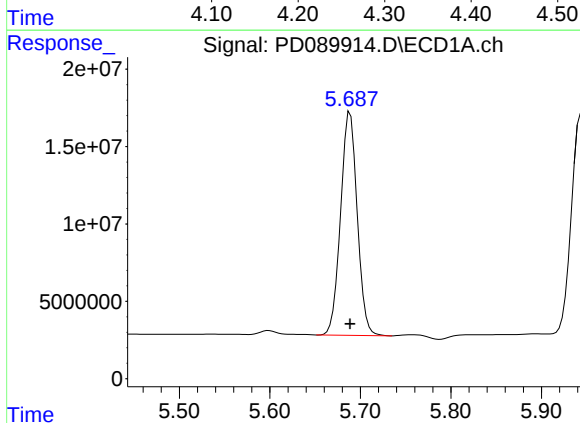
R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 208660284  
Conc: 45.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



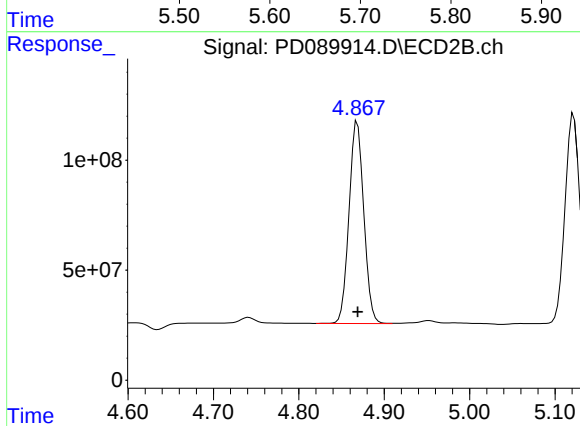
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 1247976524  
Conc: 54.94 ng/ml



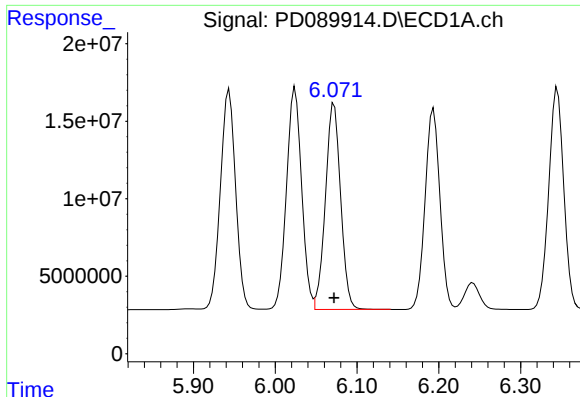
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 184661821  
Conc: 44.17 ng/ml



#8 Heptachlor epoxide

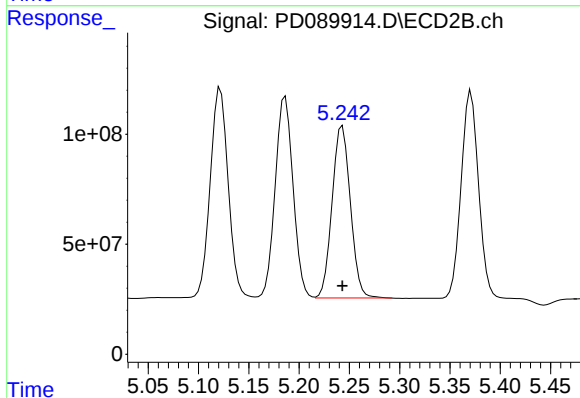
R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 1104057808  
Conc: 53.73 ng/ml



#9 Endosulfan I

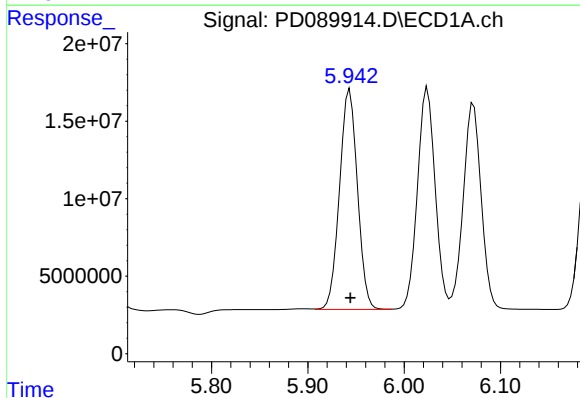
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 172380331  
Conc: 43.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



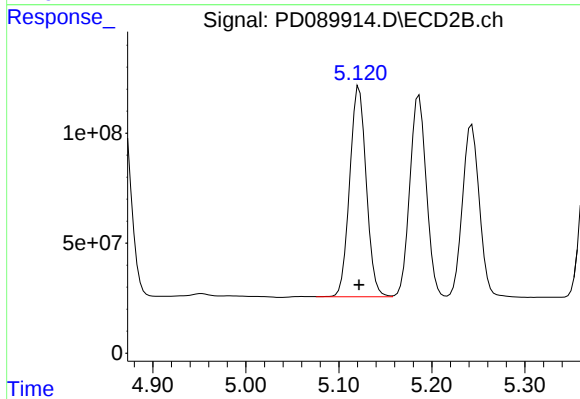
#9 Endosulfan I

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 988179343  
Conc: 50.55 ng/ml



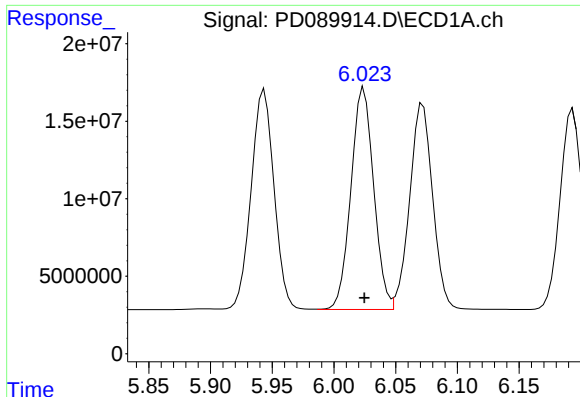
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 183502123  
Conc: 43.91 ng/ml



#10 gamma-Chlordane

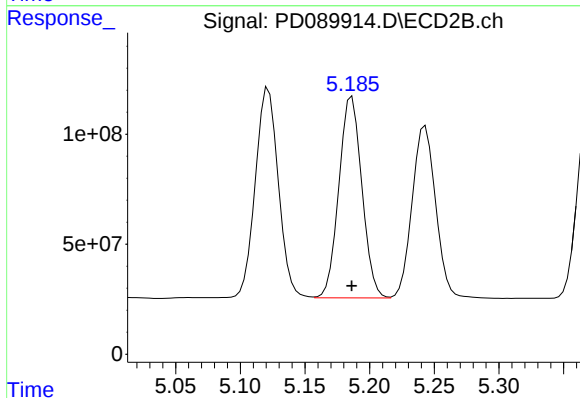
R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 1184500343  
Conc: 54.70 ng/ml



#11 alpha-Chlordane

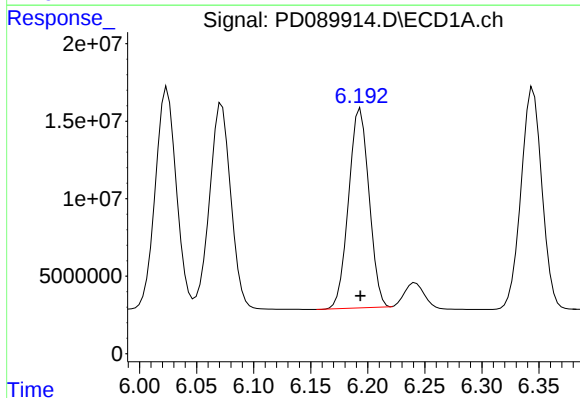
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 183811028  
Conc: 43.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



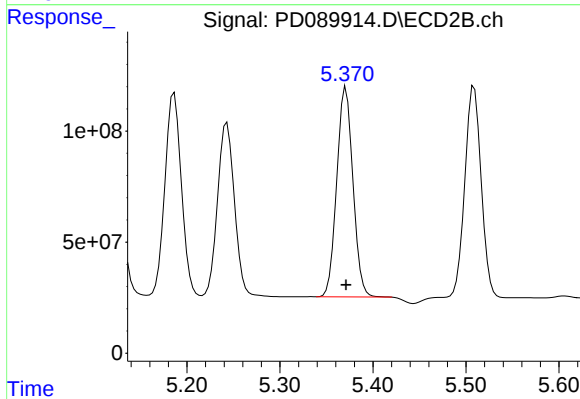
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1130650059  
Conc: 54.30 ng/ml



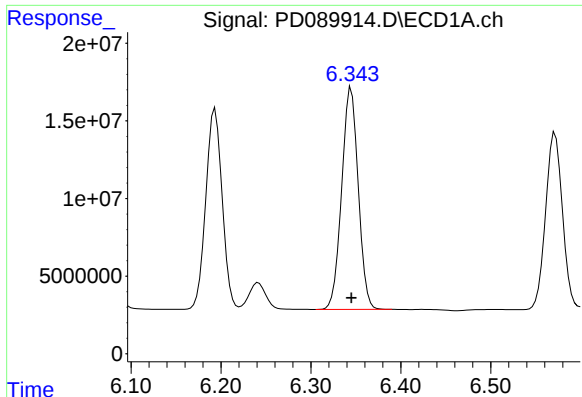
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 160058918  
Conc: 42.91 ng/ml



#12 4,4'-DDE

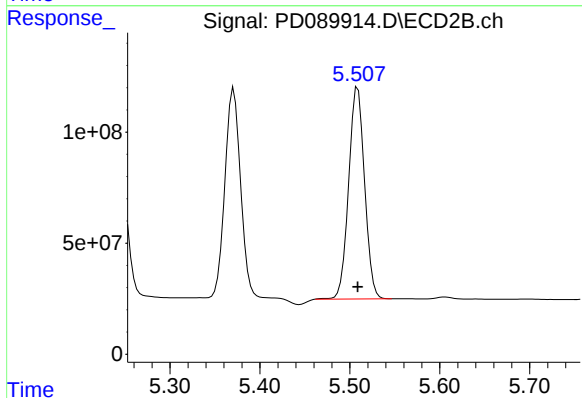
R.T.: 5.371 min  
Delta R.T.: 0.000 min  
Response: 1142937257  
Conc: 54.07 ng/ml



#13 Dieldrin

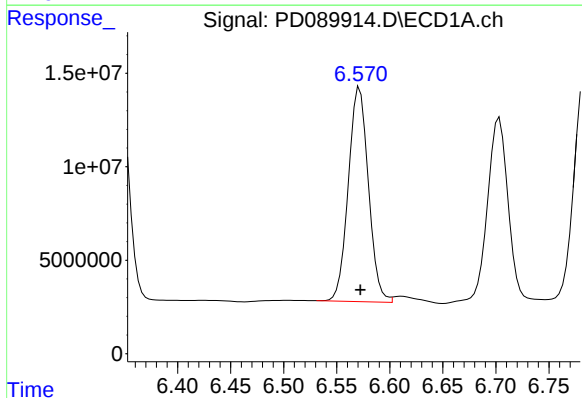
R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 182795259  
Conc: 43.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



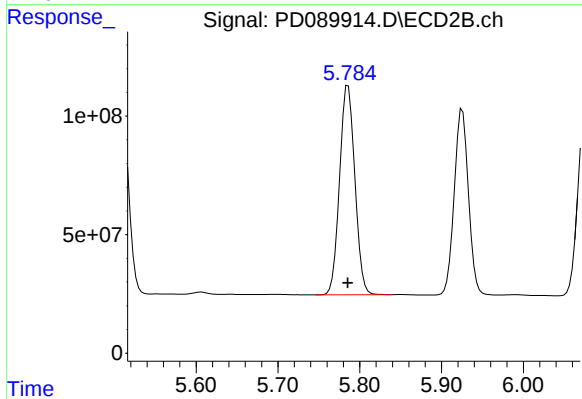
#13 Dieldrin

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 1172498797  
Conc: 54.18 ng/ml



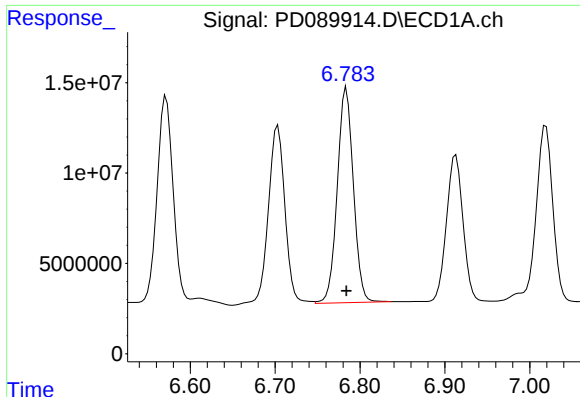
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 150900284  
Conc: 42.18 ng/ml



#14 Endrin

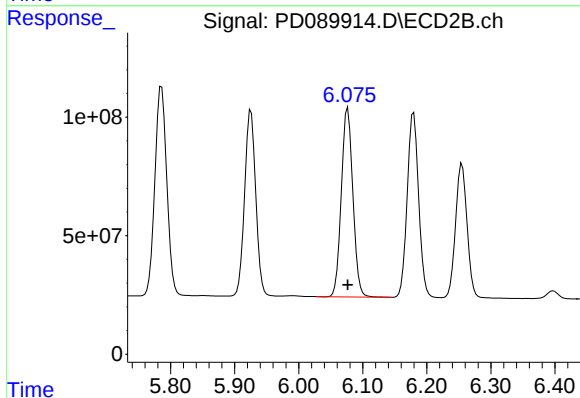
R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 1141938566  
Conc: 57.31 ng/ml



#15 Endosulfan II

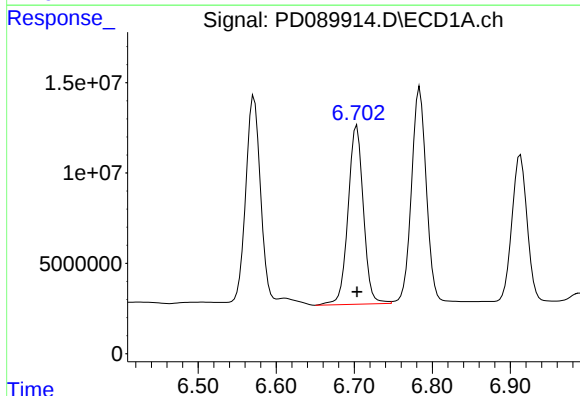
R.T.: 6.784 min  
Delta R.T.: 0.000 min  
Response: 156640458  
Conc: 42.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



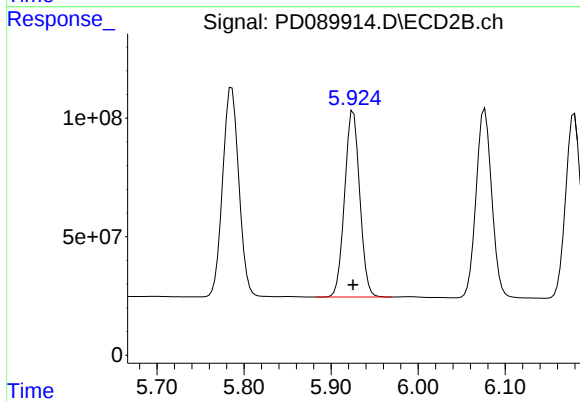
#15 Endosulfan II

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 995772780  
Conc: 52.97 ng/ml



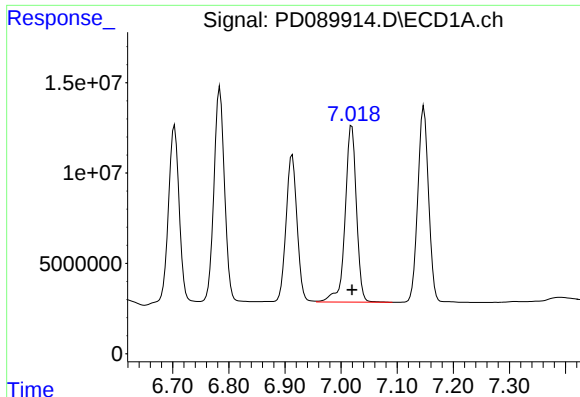
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 134625069  
Conc: 44.95 ng/ml



#16 4,4'-DDD

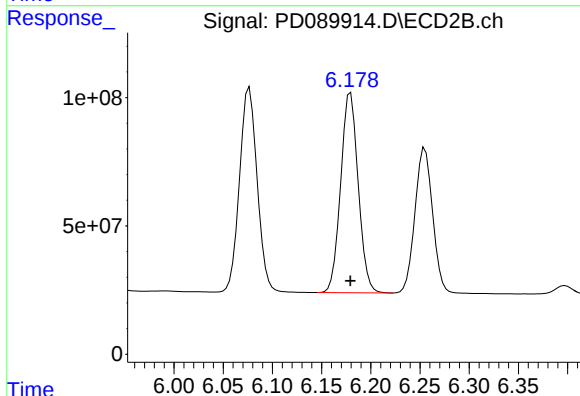
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 948513832  
Conc: 53.79 ng/ml



#17 4,4'-DDT

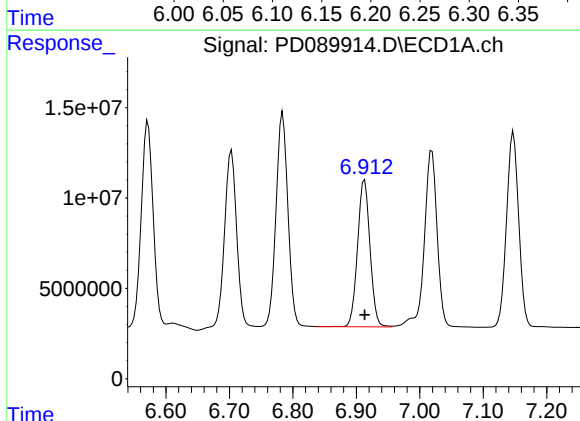
R.T.: 7.019 min  
Delta R.T.: 0.000 min  
Response: 136851922  
Conc: 40.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



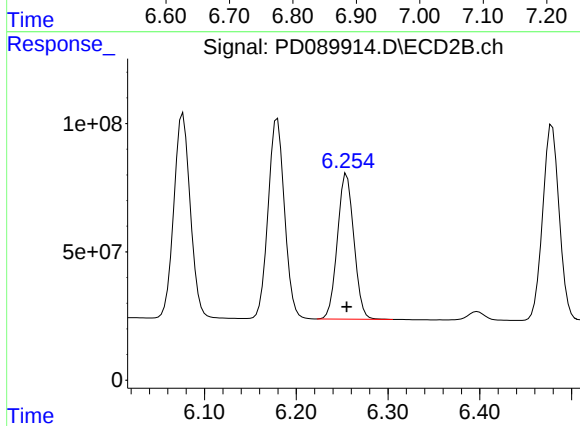
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 965866178  
Conc: 52.57 ng/ml



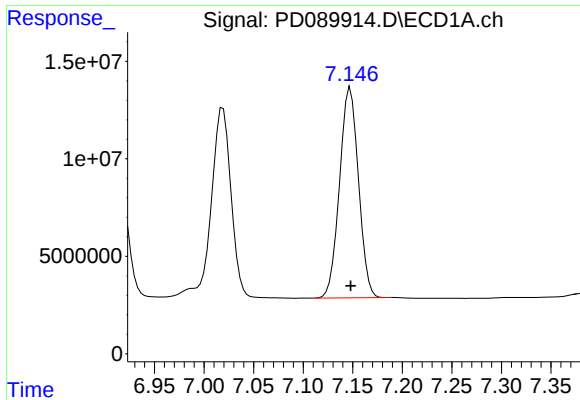
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 110506439  
Conc: 44.28 ng/ml



#18 Endrin aldehyde

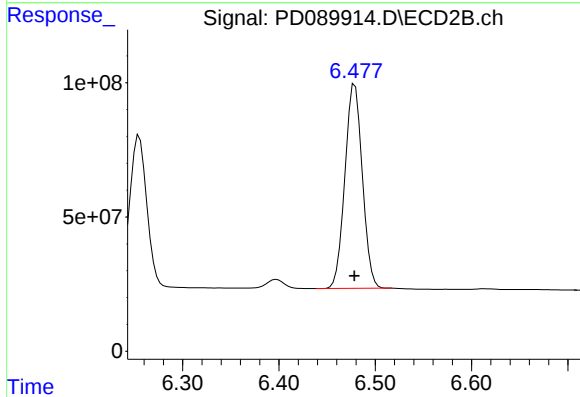
R.T.: 6.255 min  
Delta R.T.: 0.000 min  
Response: 706738981  
Conc: 54.70 ng/ml



#19 Endosulfan Sulfate

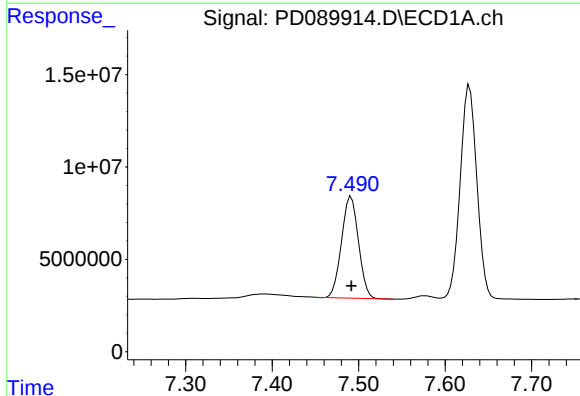
R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 143360020  
Conc: 41.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



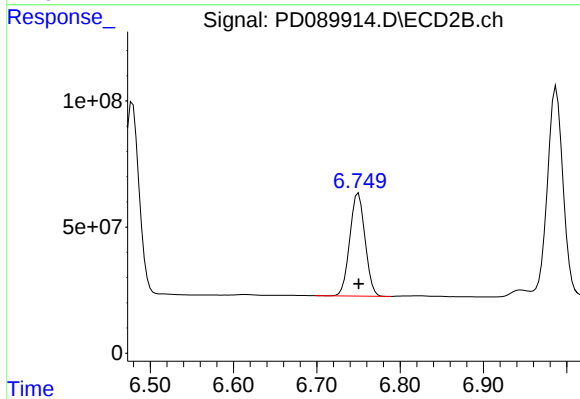
#19 Endosulfan Sulfate

R.T.: 6.479 min  
Delta R.T.: 0.000 min  
Response: 953289285  
Conc: 51.35 ng/ml



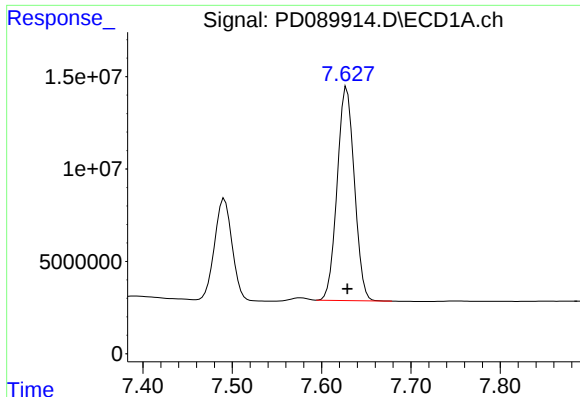
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: 0.000 min  
Response: 74289117  
Conc: 41.55 ng/ml



#20 Methoxychlor

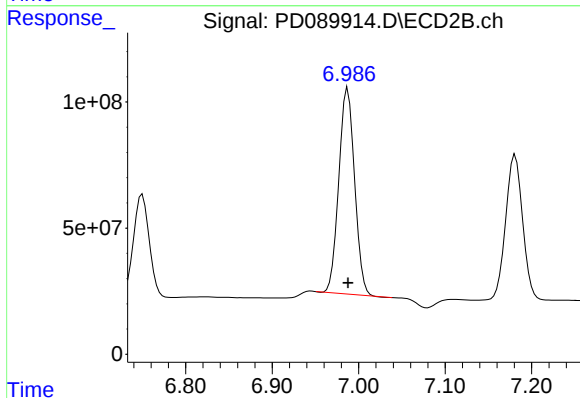
R.T.: 6.750 min  
Delta R.T.: 0.000 min  
Response: 518643411  
Conc: 52.95 ng/ml



#21 Endrin ketone

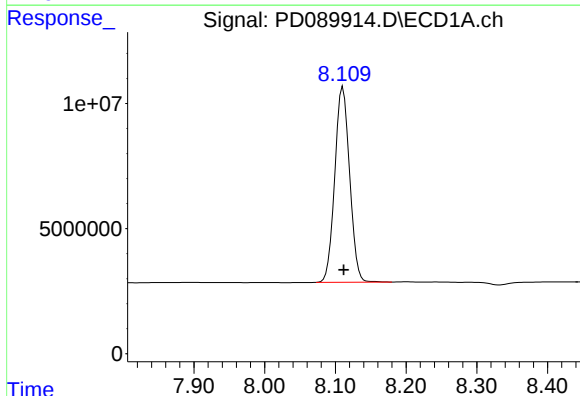
R.T.: 7.628 min  
Delta R.T.: 0.000 min  
Response: 154307104  
Conc: 41.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



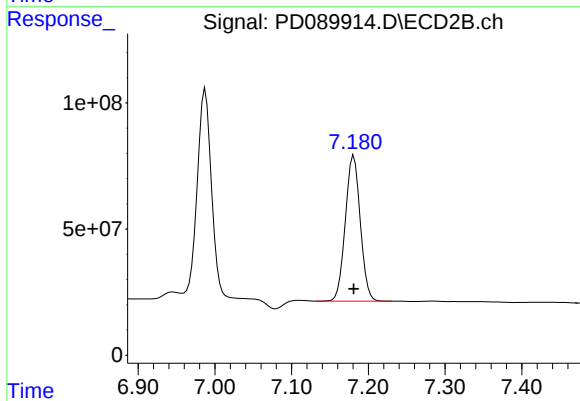
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: 0.000 min  
Response: 1026711439  
Conc: 51.16 ng/ml



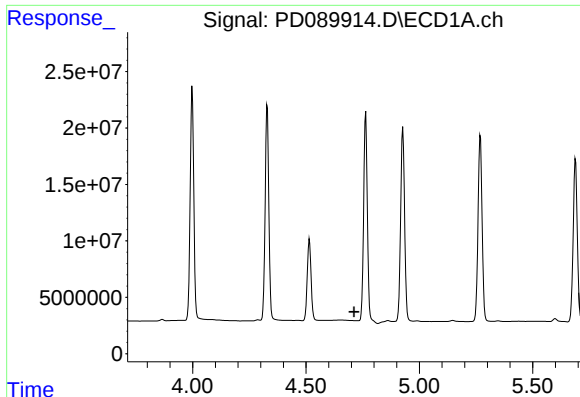
#22 Mirex

R.T.: 8.111 min  
Delta R.T.: -0.001 min  
Response: 113913718  
Conc: 40.85 ng/ml



#22 Mirex

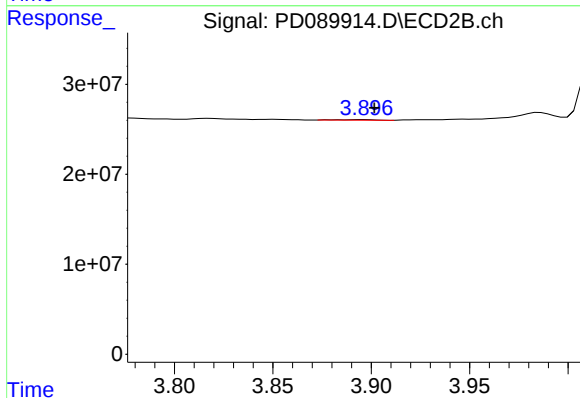
R.T.: 7.181 min  
Delta R.T.: 0.000 min  
Response: 785672961  
Conc: 51.62 ng/ml



#23 Chlordane-1

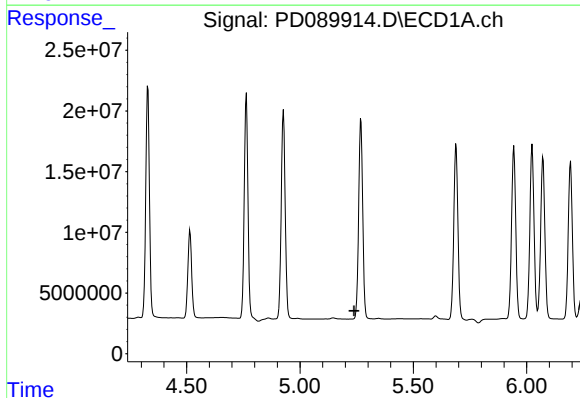
R.T.: 0.000 min  
Exp R.T.: 4.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



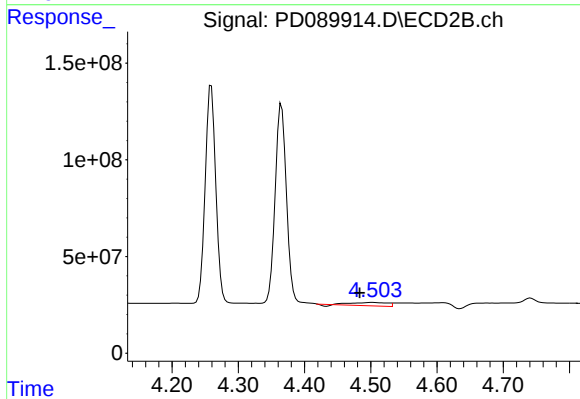
#23 Chlordane-1

R.T.: 3.897 min  
Delta R.T.: -0.005 min  
Response: 724788  
Conc: 0.99 ng/ml



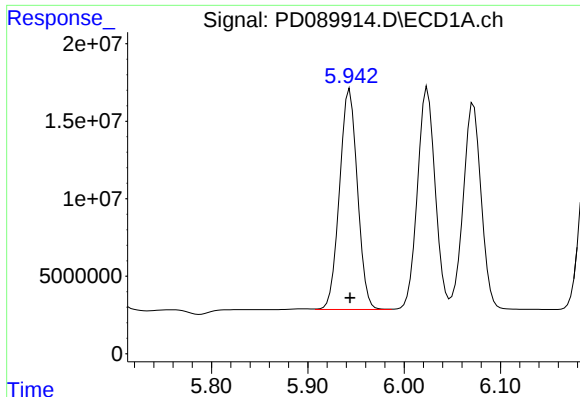
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.238 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

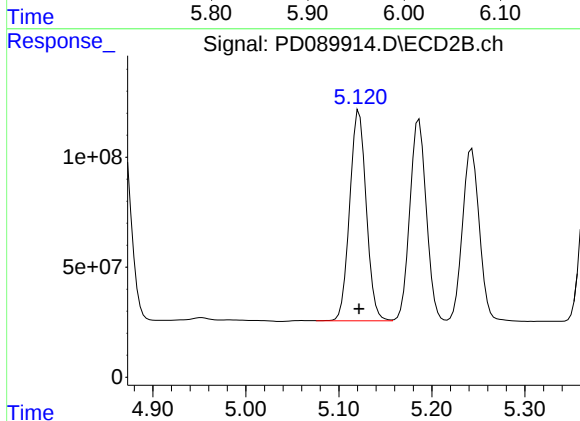
R.T.: 4.503 min  
Delta R.T.: 0.020 min  
Response: 63249411  
Conc: 82.75 ng/ml



#25 Chlordane-3

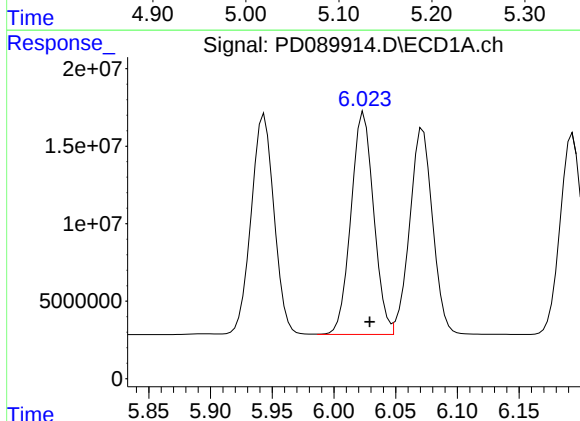
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 183502123  
Conc: 267.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



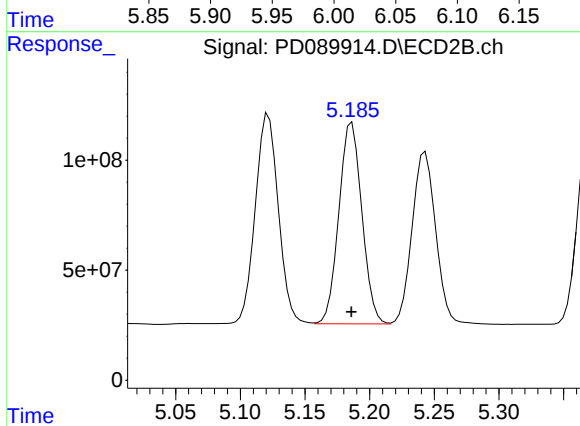
#25 Chlordane-3

R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 1184500343  
Conc: 511.82 ng/ml



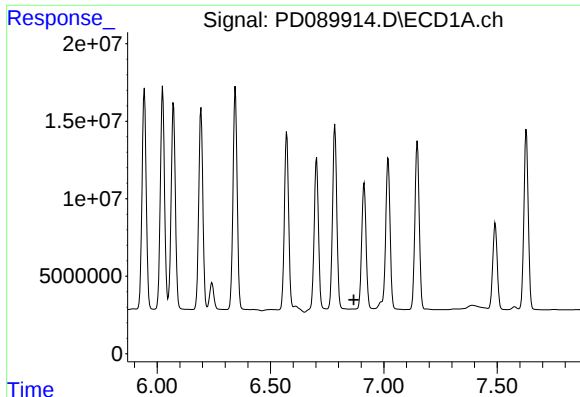
#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: -0.005 min  
Response: 183811028  
Conc: 219.58 ng/ml



#26 Chlordane-4

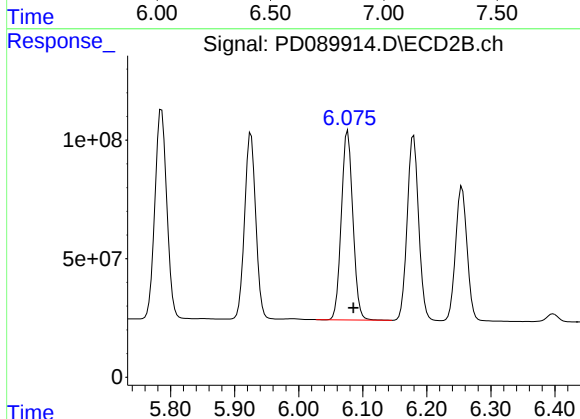
R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1130650059  
Conc: 568.30 ng/ml



#27 Chlordane-5

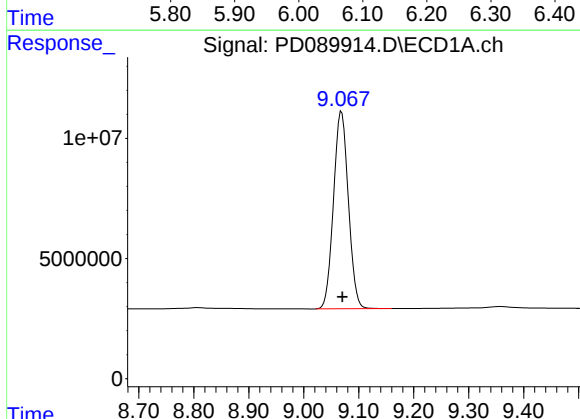
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



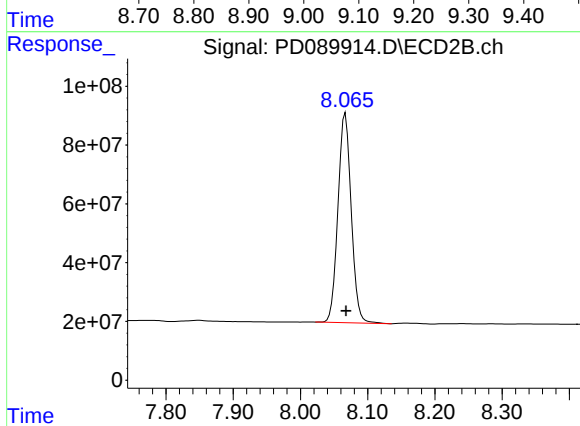
#27 Chlordane-5

R.T.: 6.077 min  
Delta R.T.: -0.009 min  
Response: 995772780  
Conc: 1100.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.002 min  
Response: 154189148  
Conc: 41.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min  
Delta R.T.: -0.001 min  
Response: 971225521  
Conc: 48.37 ng/ml