

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062119\  
 Data File : PD053713.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Jun 2019 17:50  
 Operator : SM\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: Jun 22 01:42:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD062119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 22 00:19:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|------------|
| -----                       |                 |       |        |          |          |          |            |
| System Monitoring Compounds |                 |       |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.315 | 3.984  | 33063453 | 51753887 | 46.780   | 47.290     |
| 28)                         | SA Decachlor... | 8.012 | 9.028  | 32587717 | 48312727 | 50.125   | 47.771     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.744 | 4.370  | 50680877 | 78803825 | 48.134   | 48.377     |
| 3)                          | MA gamma-BHC... | 4.021 | 4.653  | 47594664 | 75283028 | 48.227   | 48.350     |
| 4)                          | MA Heptachlor   | 4.310 | 5.162  | 43189176 | 74536646 | 48.429   | 49.697     |
| 5)                          | MB Aldrin       | 4.551 | 5.466  | 43944355 | 71168662 | 48.144   | 47.381     |
| 6)                          | B beta-BHC      | 4.271 | 4.820  | 20415373 | 34162902 | 49.075   | 49.279     |
| 7)                          | B delta-BHC     | 4.468 | 5.037  | 48204323 | 78775629 | 50.377   | 49.868     |
| 8)                          | B Heptachlo...  | 4.989 | 5.849  | 41174675 | 70127461 | 48.088   | 47.911     |
| 9)                          | A Endosulfan I  | 5.322 | 6.205  | 39083722 | 64571298 | 47.979   | 46.967     |
| 10)                         | B gamma-Chl...  | 5.212 | 6.082  | 43225487 | 72500341 | 48.255   | 46.038     |
| 11)                         | B alpha-Chl...  | 5.270 | 6.155  | 42571239 | 71727562 | 48.081   | 46.554     |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.310  | 38711825 | 66918145 | 51.210   | 50.006     |
| 13)                         | MA Dieldrin     | 5.562 | 6.460  | 42985109 | 71293698 | 48.253   | 47.352     |
| 14)                         | MA Endrin       | 5.816 | 6.677  | 39716858 | 59772305 | 48.073   | 47.233     |
| 15)                         | B Endosulfa...  | 6.090 | 6.884  | 38973336 | 63177892 | 49.124   | 46.933     |
| 16)                         | A 4,4'-DDD      | 5.951 | 6.797  | 29124384 | 54048440 | 55.526   | 52.995     |
| 17)                         | MA 4,4'-DDT     | 6.187 | 7.096  | 33051366 | 56612082 | 53.909   | 52.795     |
| 18)                         | B Endrin al...  | 6.259 | 7.007  | 32625553 | 53636131 | 48.036   | 47.113     |
| 19)                         | B Endosulfa...  | 6.470 | 7.229  | 36407301 | 58197763 | 48.585   | 47.584     |
| 20)                         | A Methoxychlor  | 6.738 | 7.552  | 15629509 | 29377174 | 57.540   | 57.214     |
| 21)                         | B Endrin ke...  | 6.957 | 7.700  | 41994876 | 64778994 | 50.595   | 47.300     |
| 22)                         | Mirex           | 7.134 | 8.154  | 30881952 | 45536425 | 46.388   | 44.703     |
| 24)                         | Chlordane-2     | 0.000 | 5.466f | 0        | 71168662 | N.D.     | 1252.067 # |
| 25)                         | Chlordane-3     | 5.212 | 6.082  | 43225487 | 72500341 | 475.769  | 364.882    |
| 26)                         | Chlordane-4     | 5.270 | 6.155  | 42571239 | 71727562 | 499.906  | 305.822 #  |
| 27)                         | Chlordane-5     | 6.090 | 0.000  | 38973336 | 0        | 1365.109 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

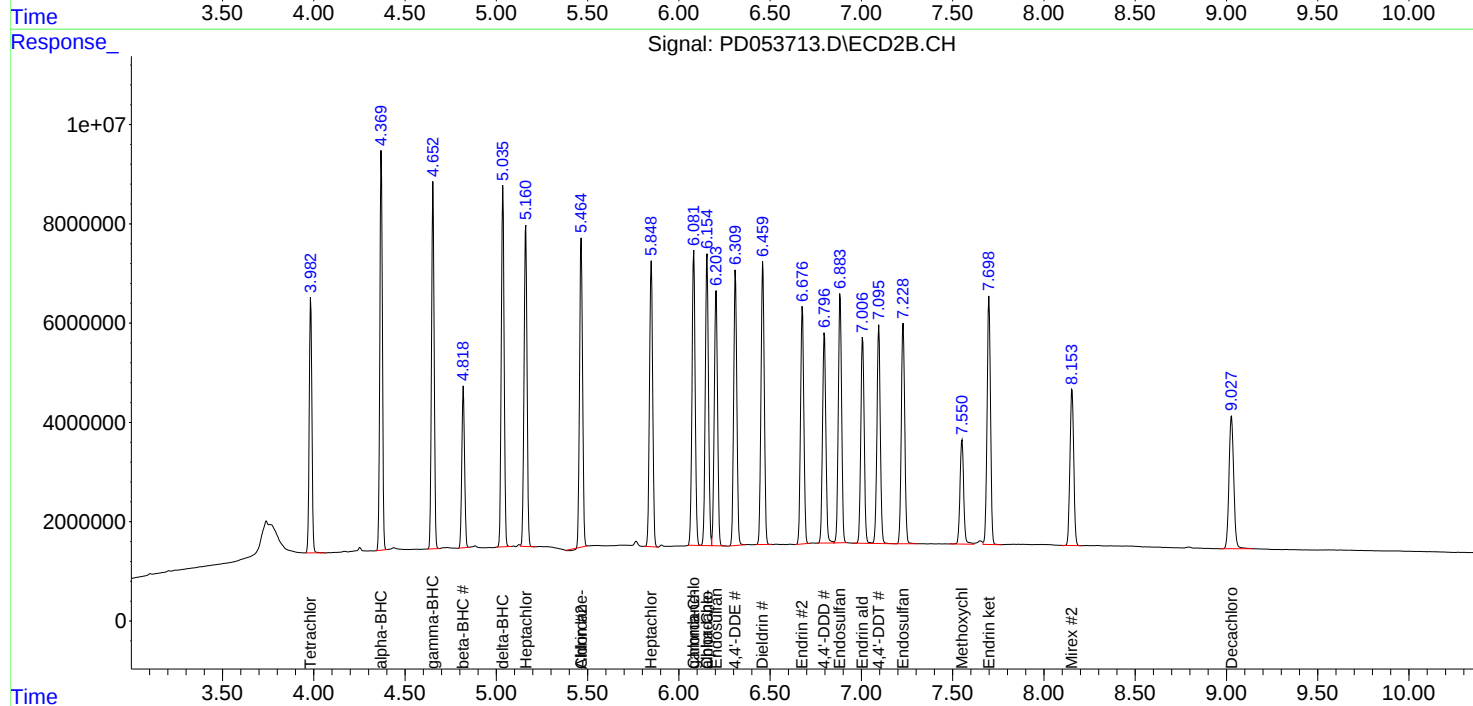
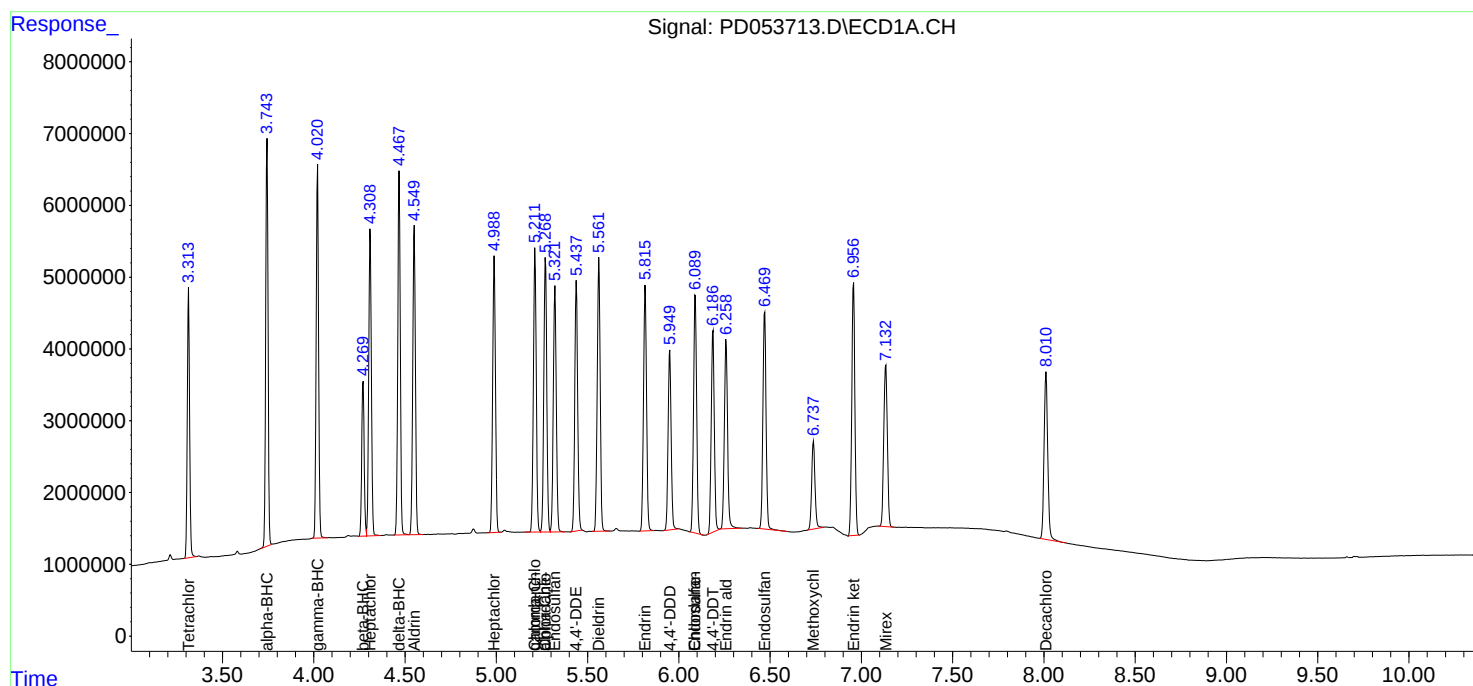
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

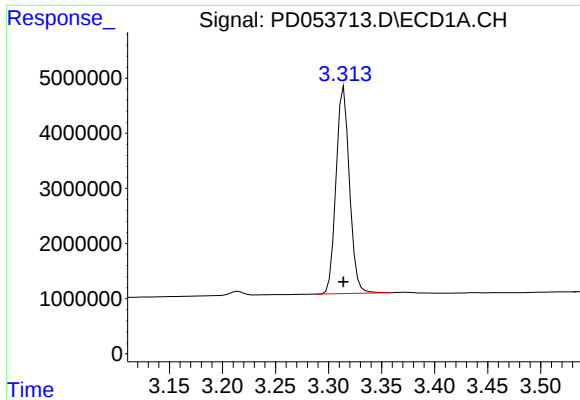
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062119\  
 Data File : PD053713.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Jun 2019 17:50  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 22 01:42:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD062119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 22 00:19:03 2019  
 Response via : Initial Calibration  
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Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

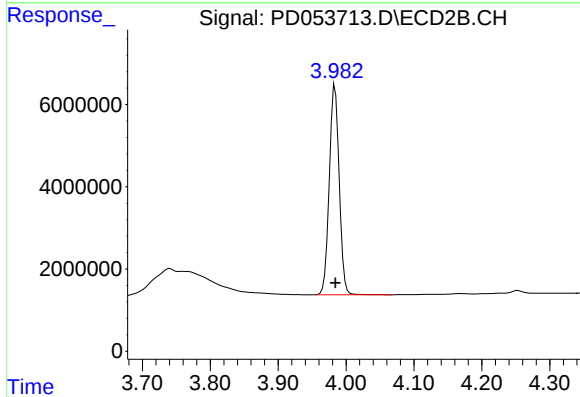




#1 Tetrachloro-m-xylene

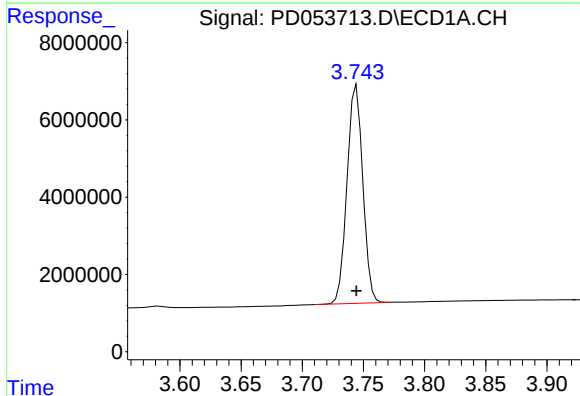
R.T.: 3.315 min  
Delta R.T.: 0.000 min  
Response: 33063453  
Conc: 46.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



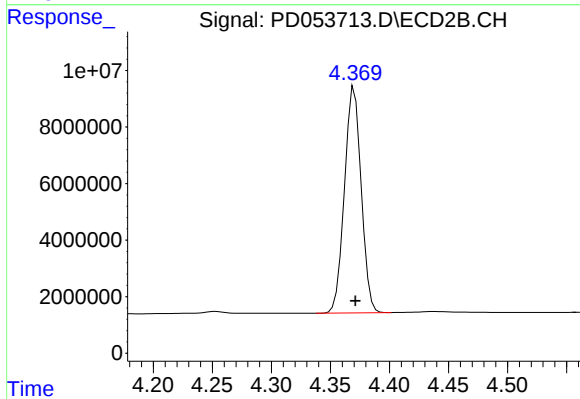
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 51753887  
Conc: 47.29 ng/ml



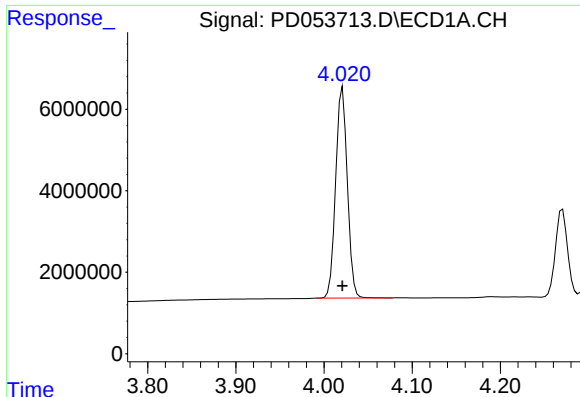
#2 alpha-BHC

R.T.: 3.744 min  
Delta R.T.: 0.000 min  
Response: 50680877  
Conc: 48.13 ng/ml



#2 alpha-BHC

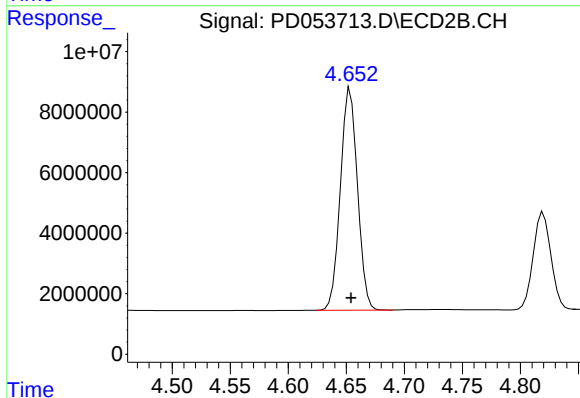
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 78803825  
Conc: 48.38 ng/ml



#3 gamma-BHC (Lindane)

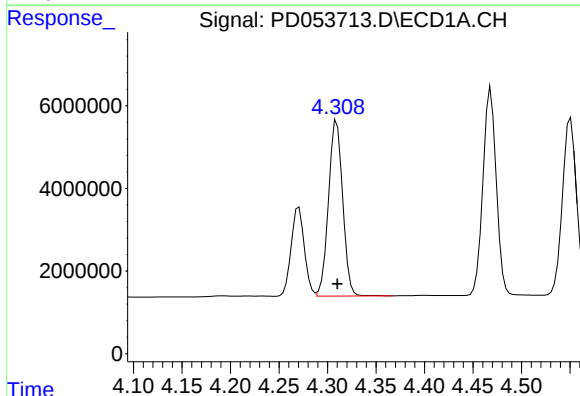
R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 47594664  
Conc: 48.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



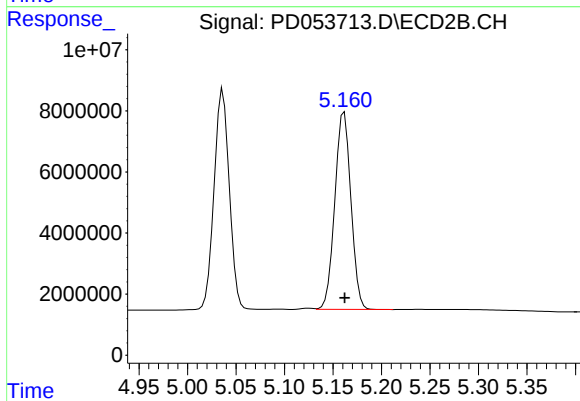
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 75283028  
Conc: 48.35 ng/ml



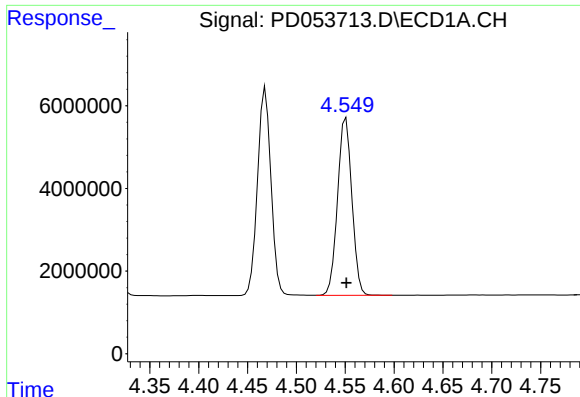
#4 Heptachlor

R.T.: 4.310 min  
Delta R.T.: 0.000 min  
Response: 43189176  
Conc: 48.43 ng/ml



#4 Heptachlor

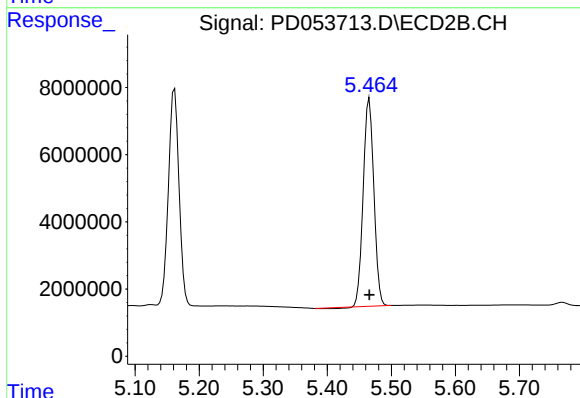
R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 74536646  
Conc: 49.70 ng/ml



#5 Aldrin

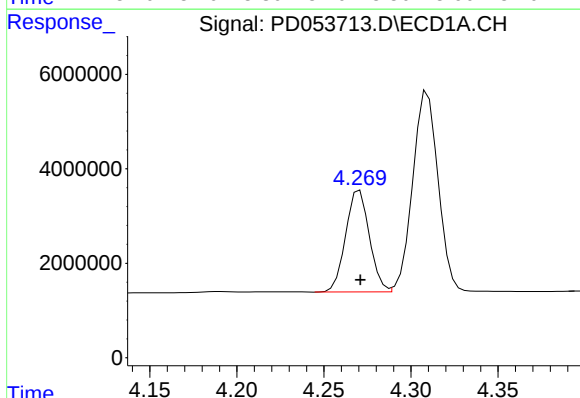
R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 43944355  
Conc: 48.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



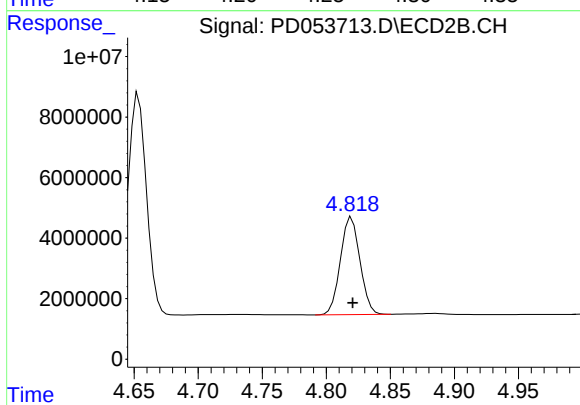
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 71168662  
Conc: 47.38 ng/ml



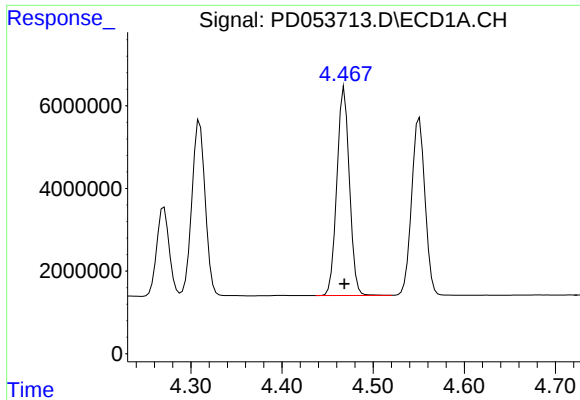
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: 0.000 min  
Response: 20415373  
Conc: 49.07 ng/ml



#6 beta-BHC

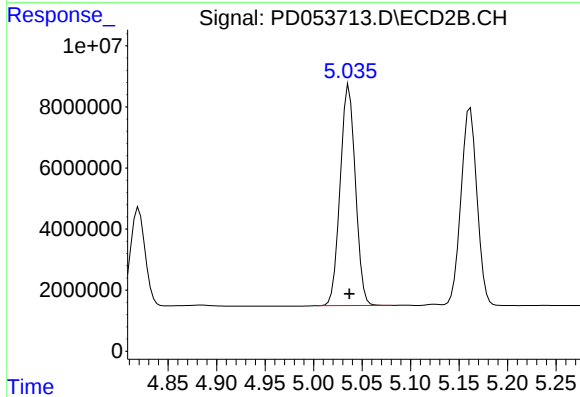
R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 34162902  
Conc: 49.28 ng/ml



#7 delta-BHC

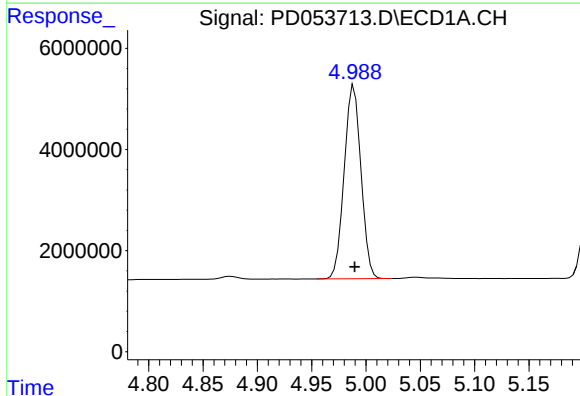
R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 48204323  
Conc: 50.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



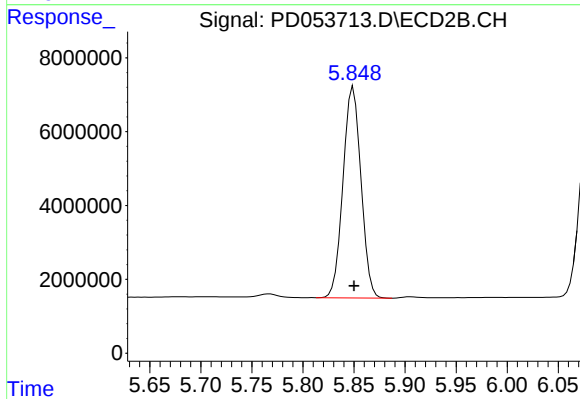
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 78775629  
Conc: 49.87 ng/ml



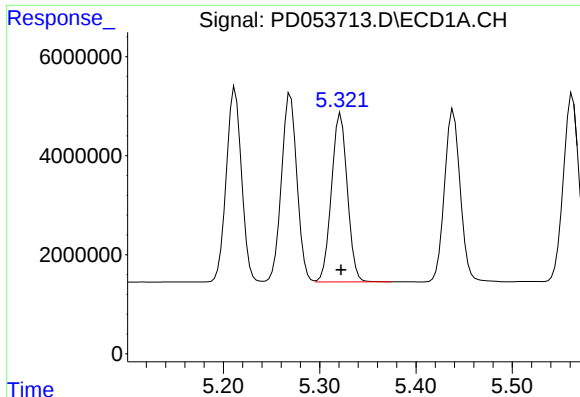
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 41174675  
Conc: 48.09 ng/ml



#8 Heptachlor epoxide

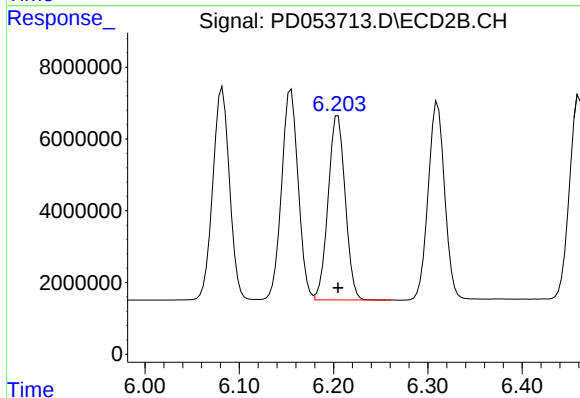
R.T.: 5.849 min  
Delta R.T.: 0.000 min  
Response: 70127461  
Conc: 47.91 ng/ml



#9 Endosulfan I

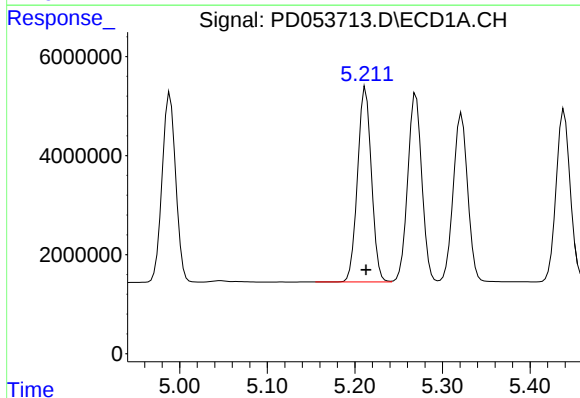
R.T.: 5.322 min  
Delta R.T.: 0.000 min  
Response: 39083722  
Conc: 47.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



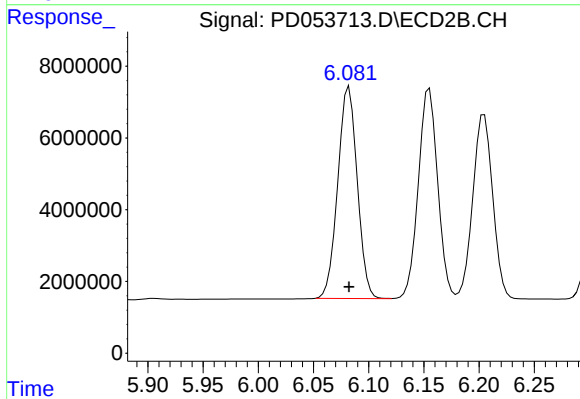
#9 Endosulfan I

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 64571298  
Conc: 46.97 ng/ml



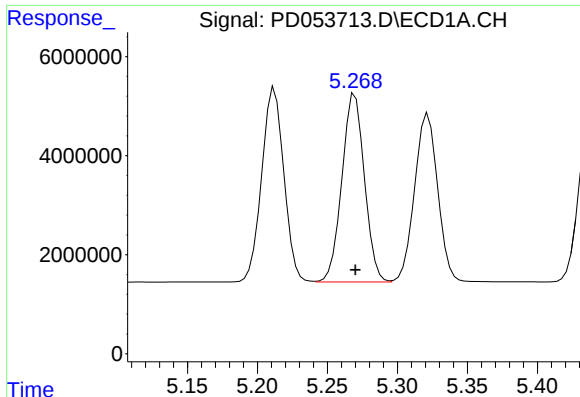
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 43225487  
Conc: 48.25 ng/ml



#10 gamma-Chlordane

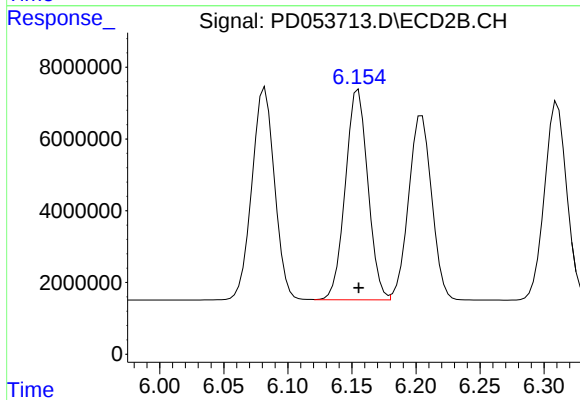
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 72500341  
Conc: 46.04 ng/ml



#11 alpha-Chlordane

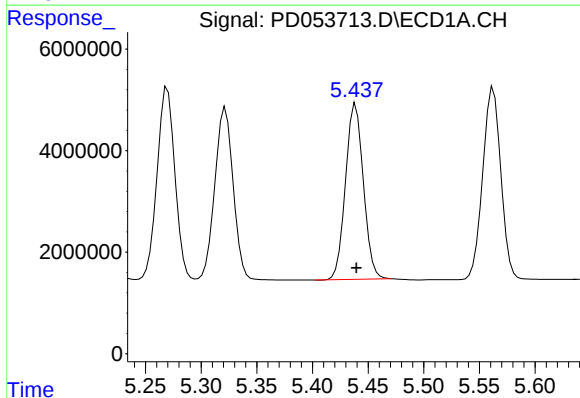
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 42571239  
Conc: 48.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



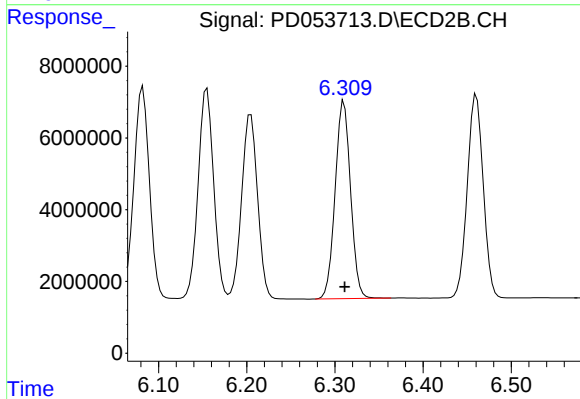
#11 alpha-Chlordane

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 71727562  
Conc: 46.55 ng/ml



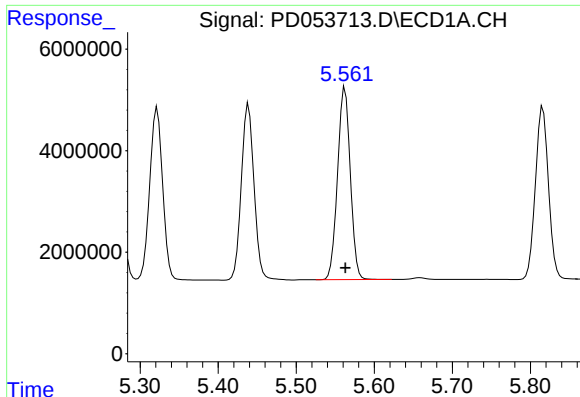
#12 4,4'-DDE

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 38711825  
Conc: 51.21 ng/ml



#12 4,4'-DDE

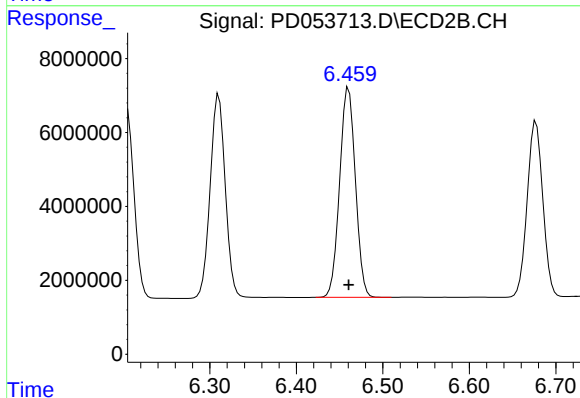
R.T.: 6.310 min  
Delta R.T.: 0.000 min  
Response: 66918145  
Conc: 50.01 ng/ml



#13 Dieldrin

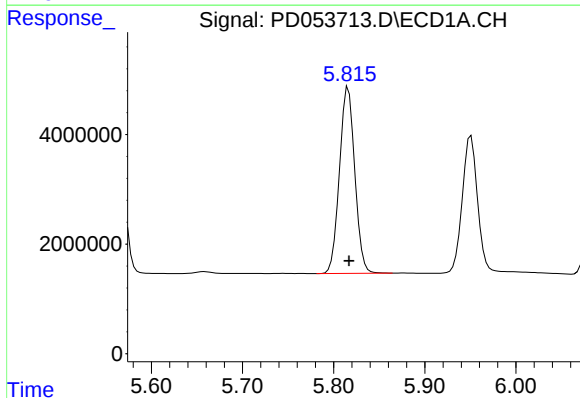
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 42985109  
Conc: 48.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



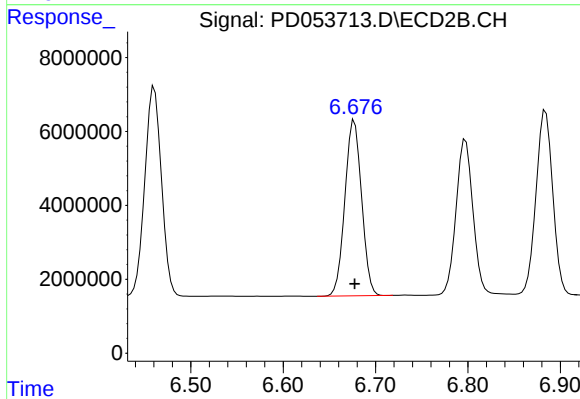
#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 71293698  
Conc: 47.35 ng/ml



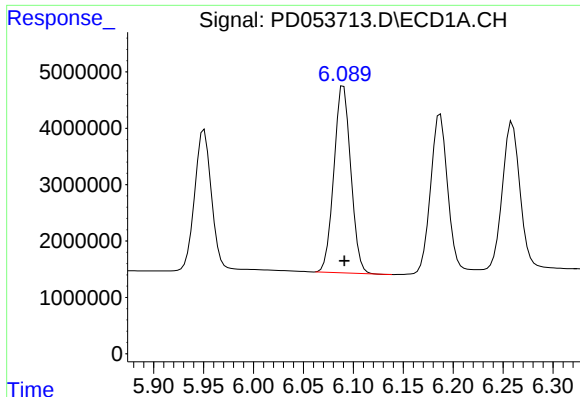
#14 Endrin

R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 39716858  
Conc: 48.07 ng/ml



#14 Endrin

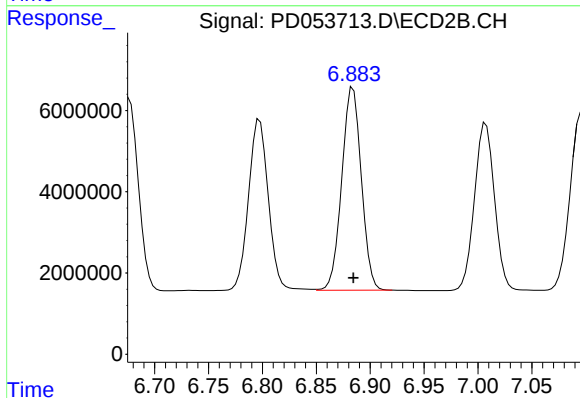
R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 59772305  
Conc: 47.23 ng/ml



#15 Endosulfan II

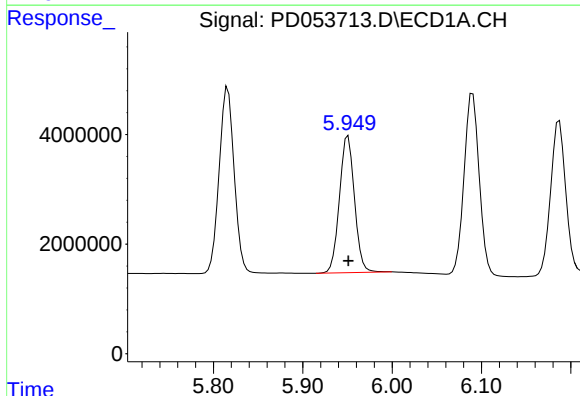
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 38973336  
Conc: 49.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



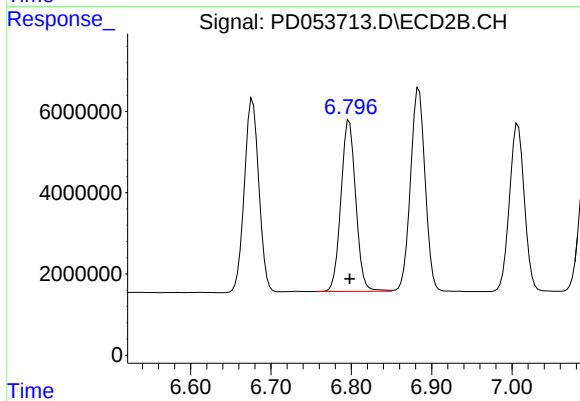
#15 Endosulfan II

R.T.: 6.884 min  
Delta R.T.: 0.000 min  
Response: 63177892  
Conc: 46.93 ng/ml



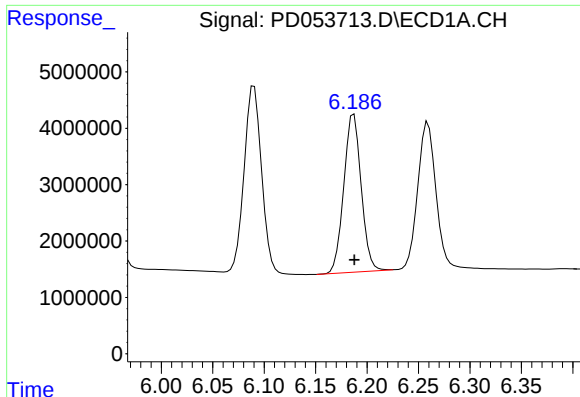
#16 4,4'-DDD

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 29124384  
Conc: 55.53 ng/ml



#16 4,4'-DDD

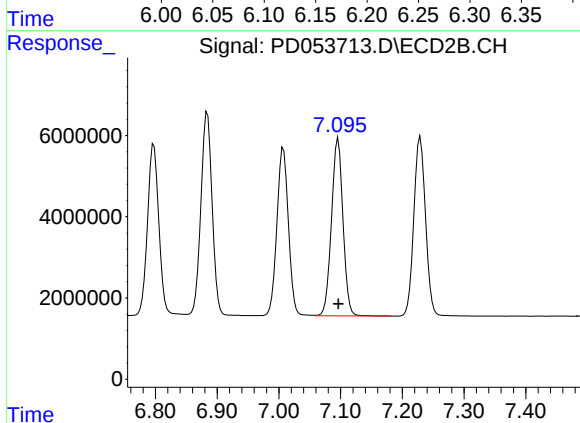
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 54048440  
Conc: 52.99 ng/ml



#17 4,4'-DDT

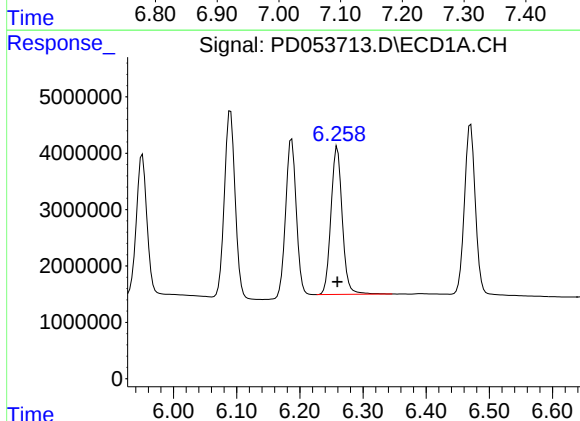
R.T.: 6.187 min  
Delta R.T.: 0.000 min  
Response: 33051366  
Conc: 53.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



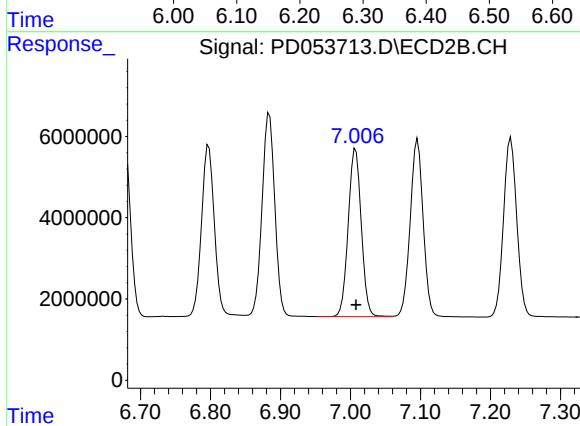
#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: 0.000 min  
Response: 56612082  
Conc: 52.79 ng/ml



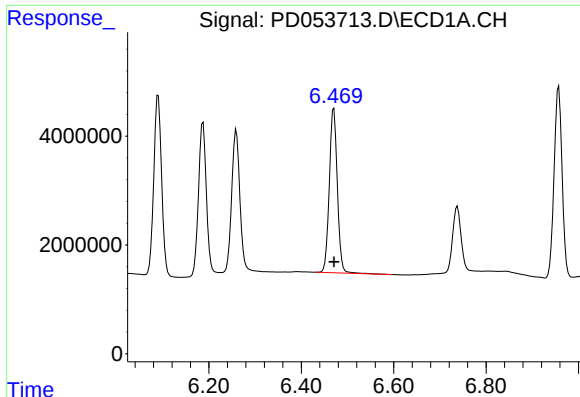
#18 Endrin aldehyde

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 32625553  
Conc: 48.04 ng/ml



#18 Endrin aldehyde

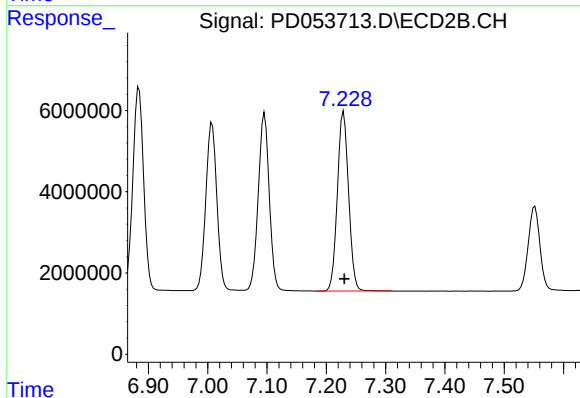
R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 53636131  
Conc: 47.11 ng/ml



#19 Endosulfan Sulfate

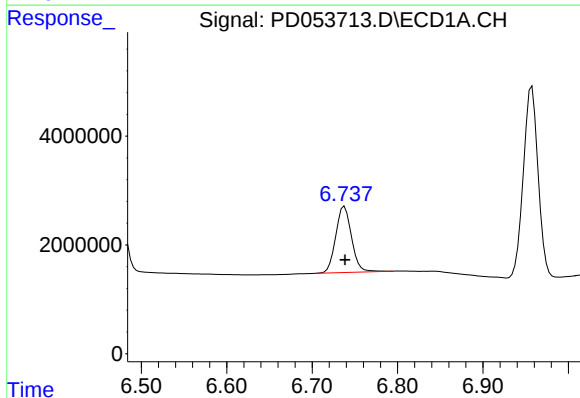
R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 36407301  
Conc: 48.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



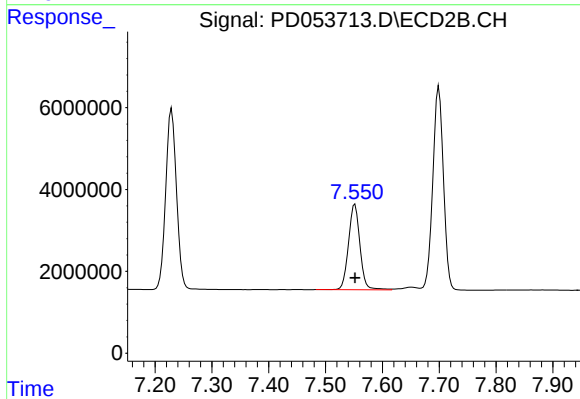
#19 Endosulfan Sulfate

R.T.: 7.229 min  
Delta R.T.: -0.001 min  
Response: 58197763  
Conc: 47.58 ng/ml



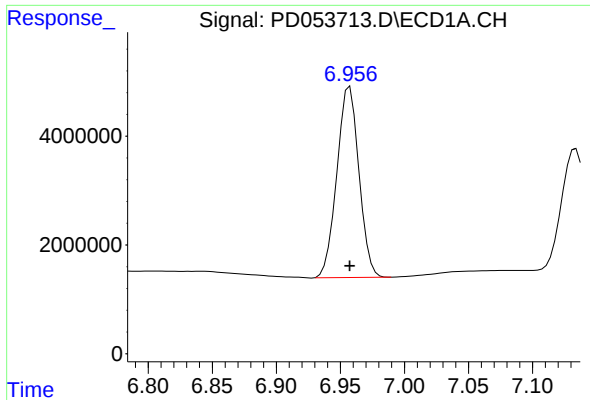
#20 Methoxychlor

R.T.: 6.738 min  
Delta R.T.: 0.000 min  
Response: 15629509  
Conc: 57.54 ng/ml



#20 Methoxychlor

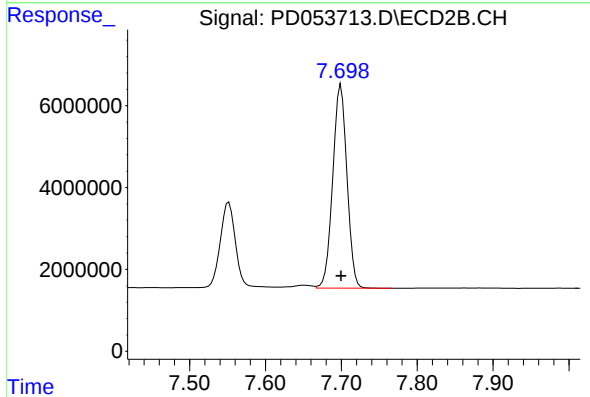
R.T.: 7.552 min  
Delta R.T.: 0.000 min  
Response: 29377174  
Conc: 57.21 ng/ml



#21 Endrin ketone

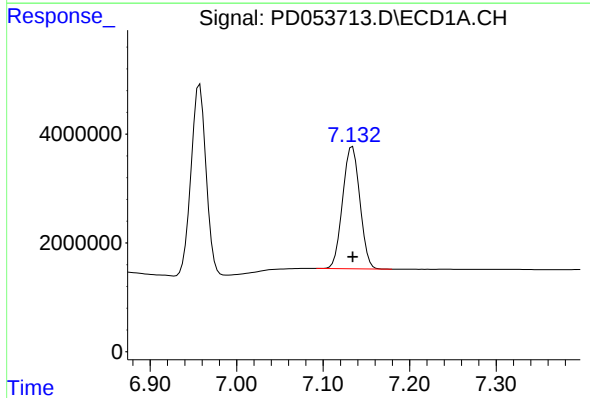
R.T.: 6.957 min  
Delta R.T.: 0.000 min  
Response: 41994876  
Conc: 50.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



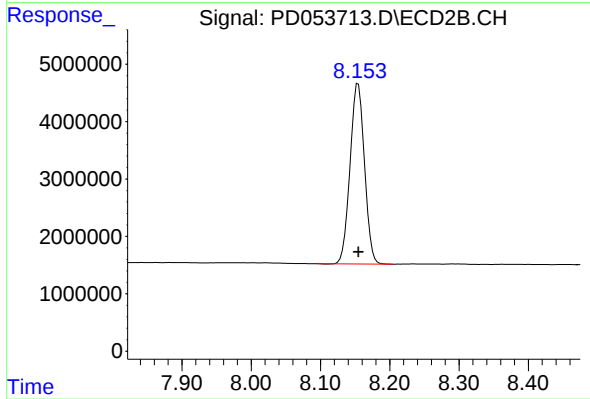
#21 Endrin ketone

R.T.: 7.700 min  
Delta R.T.: 0.000 min  
Response: 64778994  
Conc: 47.30 ng/ml



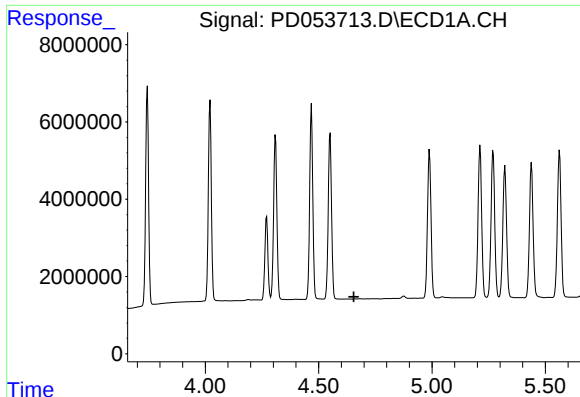
#22 Mirex

R.T.: 7.134 min  
Delta R.T.: 0.000 min  
Response: 30881952  
Conc: 46.39 ng/ml



#22 Mirex

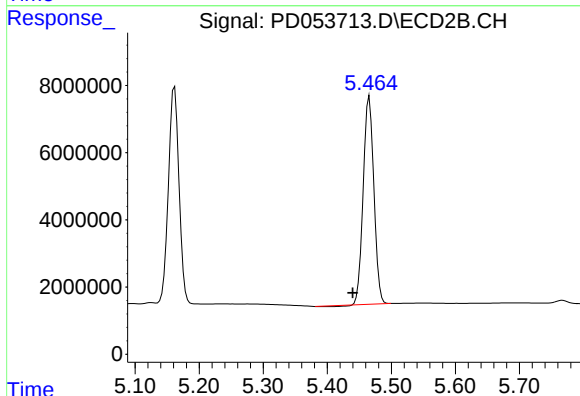
R.T.: 8.154 min  
Delta R.T.: 0.000 min  
Response: 45536425  
Conc: 44.70 ng/ml



#24 Chlordane-2

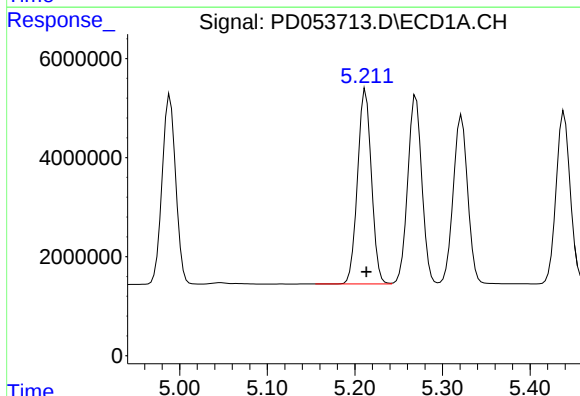
R.T.: 0.000 min  
Exp R.T.: 4.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



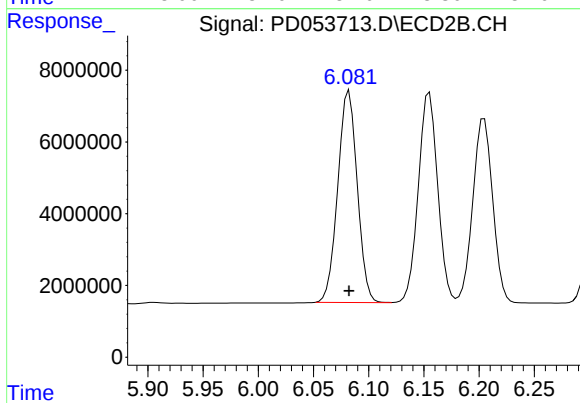
#24 Chlordane-2

R.T.: 5.466 min  
Delta R.T.: 0.026 min  
Response: 71168662  
Conc: 1252.07 ng/ml



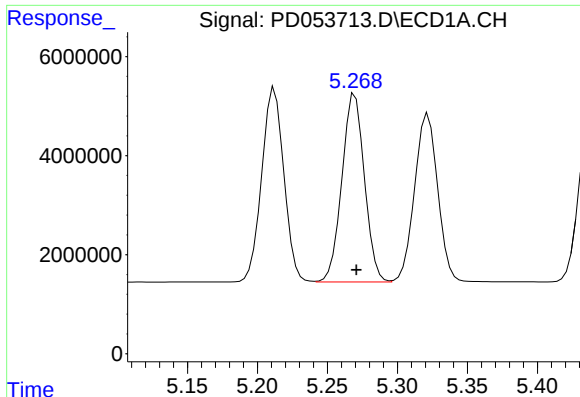
#25 Chlordane-3

R.T.: 5.212 min  
Delta R.T.: -0.001 min  
Response: 43225487  
Conc: 475.77 ng/ml



#25 Chlordane-3

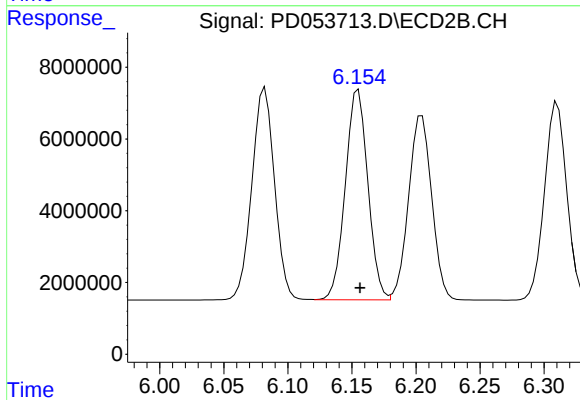
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 72500341  
Conc: 364.88 ng/ml



#26 Chlordane-4

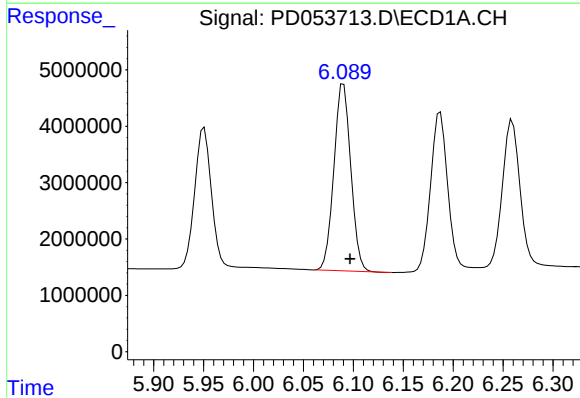
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 42571239  
Conc: 499.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



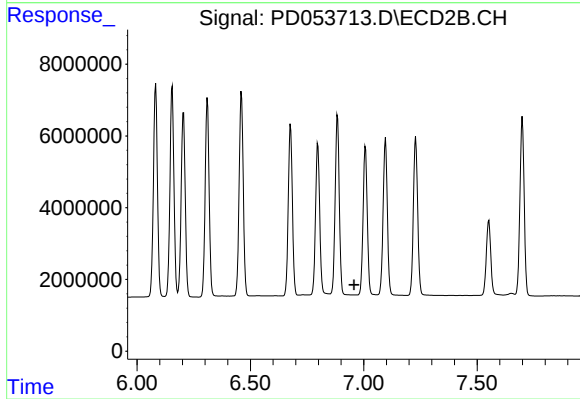
#26 Chlordane-4

R.T.: 6.155 min  
Delta R.T.: -0.001 min  
Response: 71727562  
Conc: 305.82 ng/ml



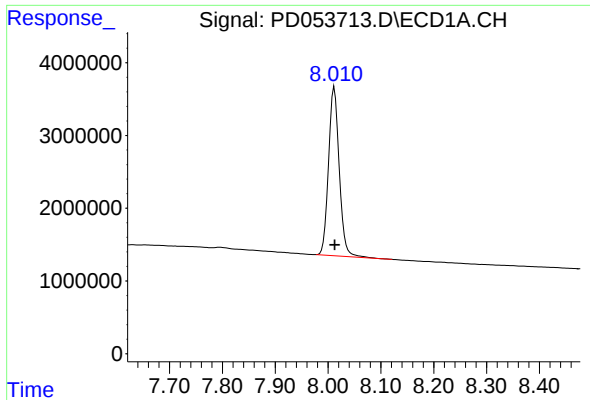
#27 Chlordane-5

R.T.: 6.090 min  
Delta R.T.: -0.006 min  
Response: 38973336  
Conc: 1365.11 ng/ml



#27 Chlordane-5

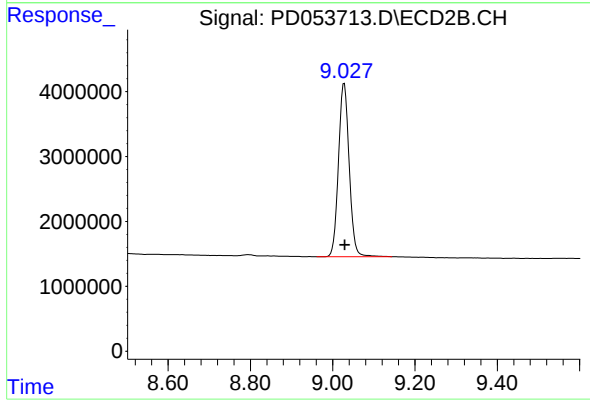
R.T.: 0.000 min  
Exp R.T.: 6.958 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.012 min  
Delta R.T.: 0.000 min  
Response: 32587717  
Conc: 50.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.001 min  
Response: 48312727  
Conc: 47.77 ng/ml