

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050619\  
 Data File : PD053198.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 06 May 2019 13:21  
 Operator : AJ\SJ  
 Sample : PB119369BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PLCS69

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 07 00:54:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 04 03:39:22 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 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... | 3.507  | 4.070  | 23048430 | 510.8E6  | 17.927    | 19.886      |
| 27)                         | SA Decachlor... | 8.297  | 9.178  | 44939726 | 590.5E6  | 34.081    | 38.397      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 0.000  | 4.453  | 0        | 4315304  | N.D.      | 0.119 #     |
| 3)                          | MA gamma-BHC... | 4.240  | 4.750  | 75331036 | 1499.4E6 | 45.205    | 45.998      |
| 4)                          | MA Heptachlor   | 0.000  | 5.263  | 0        | 6186177  | N.D.      | 0.212 #     |
| 5)                          | MB Aldrin       | 0.000  | 5.571  | 0        | 18356977 | N.D.      | 0.619 #     |
| 6)                          | B beta-BHC      | 4.464f | 4.963f | 5522737  | 11193263 | 6.803     | 0.777 #     |
| 7)                          | B delta-BHC     | 0.000  | 5.111  | 0        | 57130888 | N.D.      | 1.751 #     |
| 8)                          | B Heptachlo...  | 5.241  | 5.958  | 74104370 | 1285.3E6 | 45.438    | 48.411      |
| 9)                          | A Endosulfan I  | 0.000  | 6.267f | 0        | 2985854  | N.D.      | 0.126 #     |
| 10)                         | B trans-Chl...  | 5.468  | 6.192  | 72844505 | 1243.5E6 | 45.302    | 47.634      |
| 11)                         | B cis-Chlor...  | 5.468f | 6.267  | 72844505 | 2985854  | 46.198    | 0.121 #     |
| 12)                         | B 4,4'-DDE      | 5.693  | 6.419  | 139.8E6  | 2182.1E6 | 98.663    | 100.162     |
| 13)                         | MA Dieldrin     | 5.828  | 6.574  | 154.7E6  | 2315.7E6 | 94.790    | 98.510      |
| 14)                         | MA Endrin       | 6.088  | 6.793  | 135.7E6  | 1787.0E6 | 106.230   | 109.574     |
| 15)                         | B Endosulfa...  | 0.000  | 7.003  | 0        | 3557410  | N.D.      | 0.185 #     |
| 16)                         | A 4,4'-DDD      | 0.000  | 0.000  | 0        | 0        | N.D.      | N.D.        |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.183  | 0        | 1181639  | N.D.      | 0.137 #     |
| 18)                         | B Endrin al...  | 0.000  | 7.123  | 0        | 24790809 | N.D.      | 1.690 #     |
| 19)                         | B Endosulfa...  | 6.746  | 7.347  | 100.5E6  | 1464.7E6 | 86.666    | 85.974      |
| 20)                         | A Methoxychlor  | 0.000  | 7.655  | 0        | 5036308  | N.D.      | 1.004 #     |
| 21)                         | B Endrin ke...  | 7.242  | 7.819  | 2852072  | 39019641 | 2.569     | 2.557       |
| 22)                         | Toxaphene-1     | 5.828  | 6.419  | 154.7E6  | 2182.1E6 | 16926.458 | 22416.200 # |
| 23)                         | Toxaphene-2     | 0.000  | 6.662  | 0        | 3489639  | N.D.      | 20.299 #    |
| 24)                         | Toxaphene-3     | 0.000  | 7.183  | 0        | 1181639  | N.D.      | 8.415 #     |
| 25)                         | Toxaphene-4     | 0.000  | 7.183  | 0        | 1181639  | N.D.      | 3.318 #     |
| 26)                         | Toxaphene-5     | 0.000  | 7.776  | 0        | 1338793  | N.D.      | 9.127 #     |
| -----                       |                 |        |        |          |          |           |             |

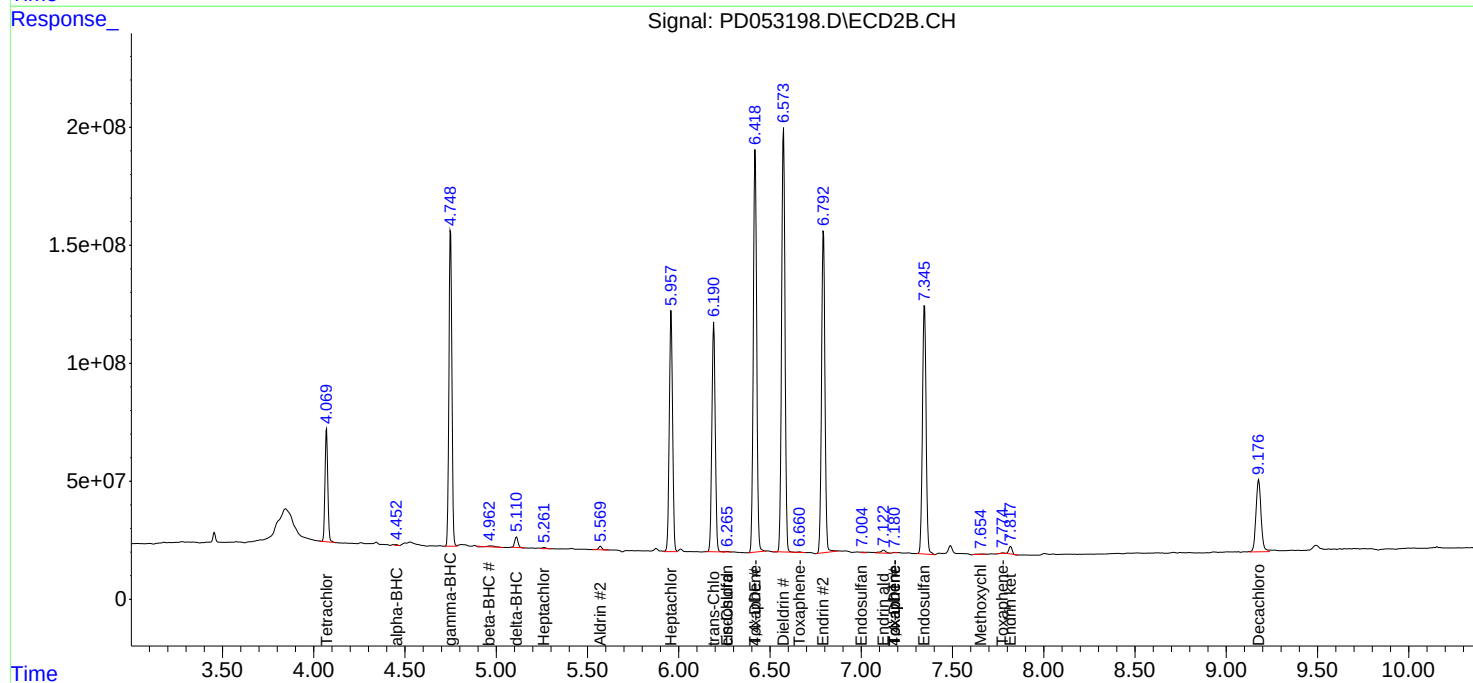
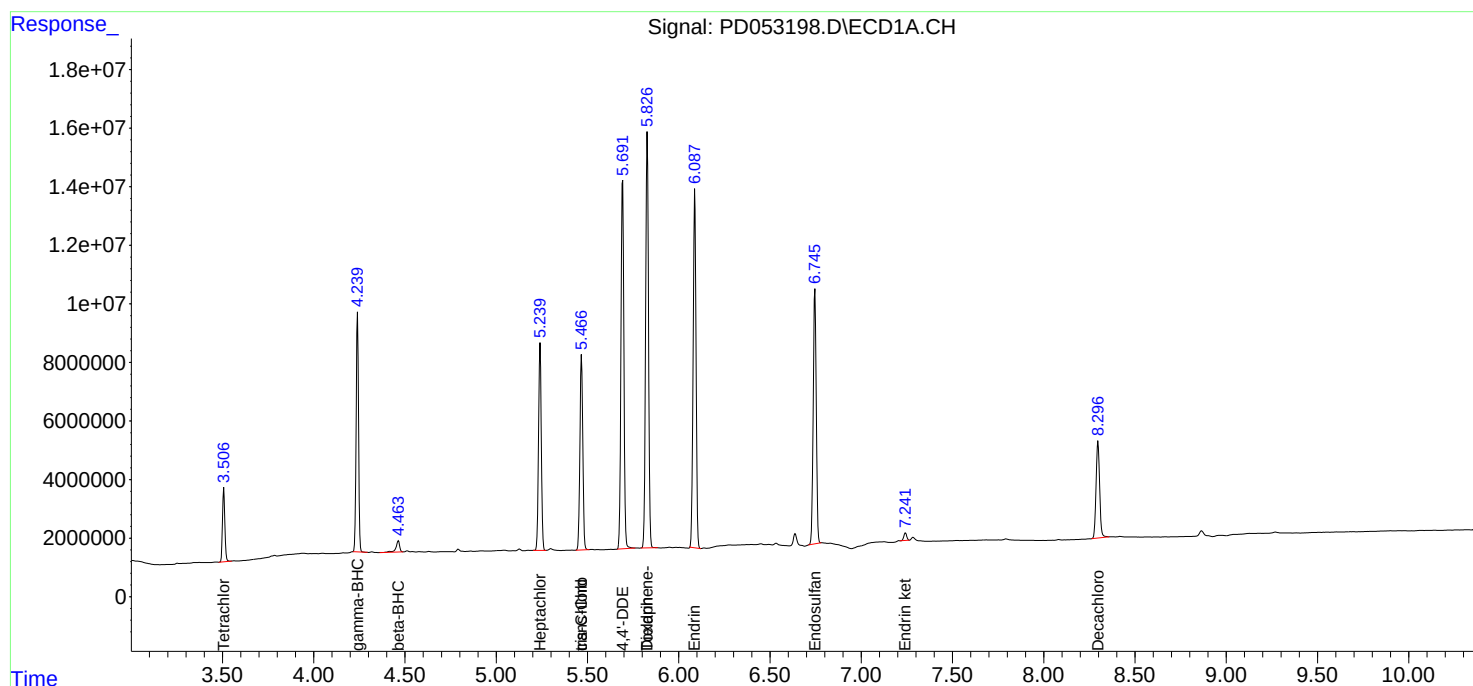
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

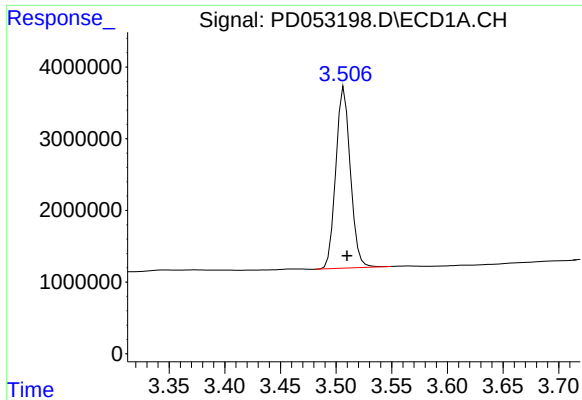
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050619\  
Data File : PD053198.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 06 May 2019 13:21  
Operator : AJ\SJ  
Sample : PB119369BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 07 00:54:12 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050319CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat May 04 03:39:22 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 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

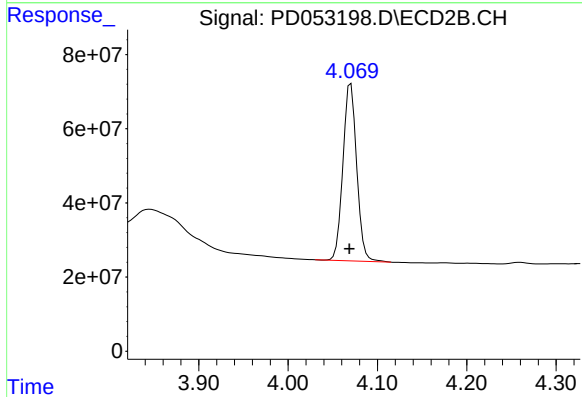




#1 Tetrachloro-m-xylene

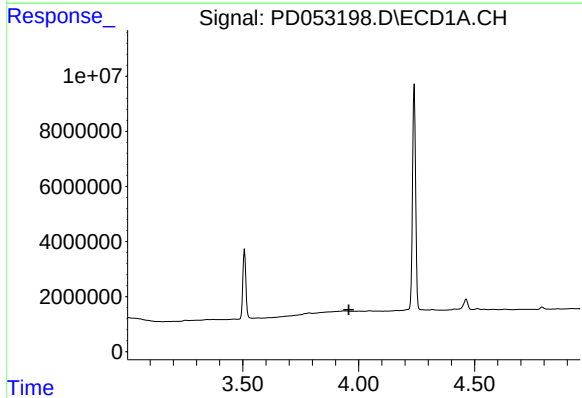
R.T.: 3.507 min  
Delta R.T.: -0.003 min  
Response: 23048430  
Conc: 17.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



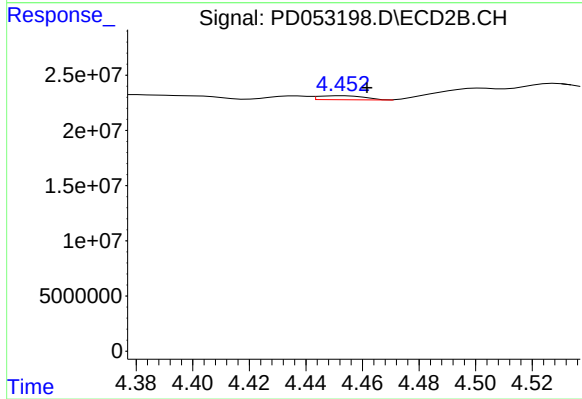
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.002 min  
Response: 510761595  
Conc: 19.89 ng/ml



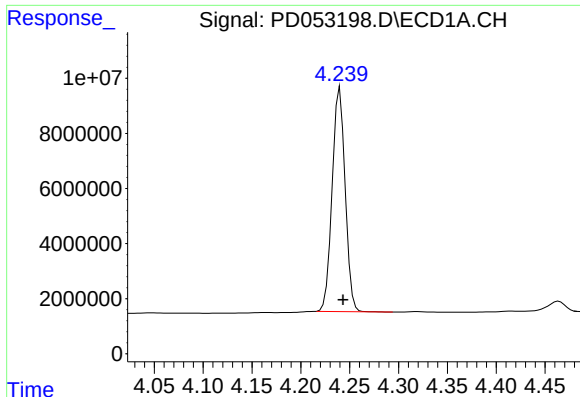
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.957 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

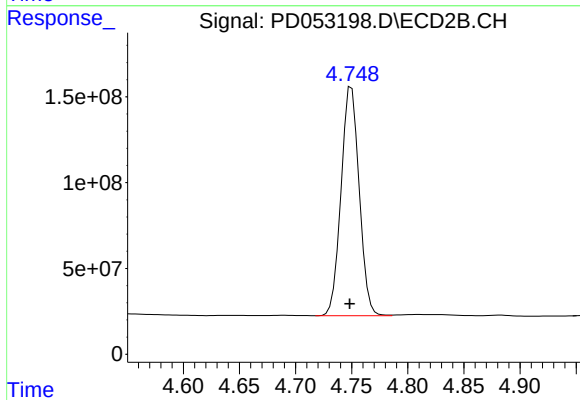
R.T.: 4.453 min  
Delta R.T.: -0.008 min  
Response: 4315304  
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

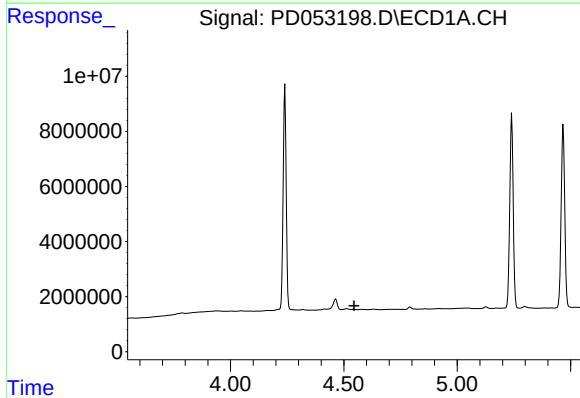
R.T.: 4.240 min  
Delta R.T.: -0.003 min  
Response: 75331036  
Conc: 45.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



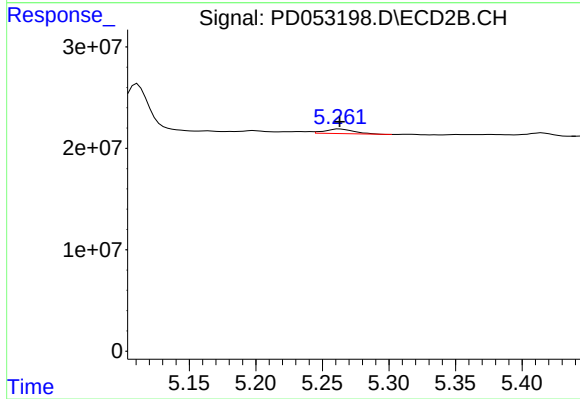
#3 gamma-BHC (Lindane)

R.T.: 4.750 min  
Delta R.T.: 0.001 min  
Response: 1499424728  
Conc: 46.00 ng/ml



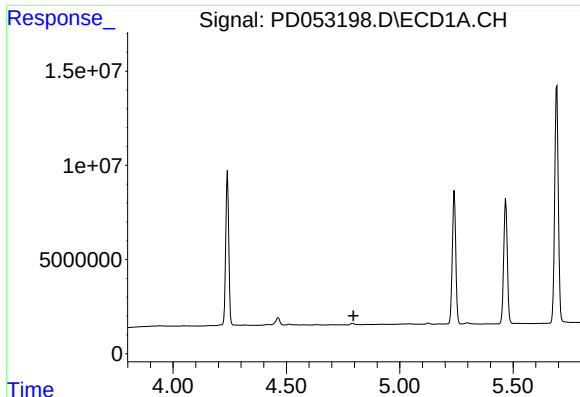
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.546 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

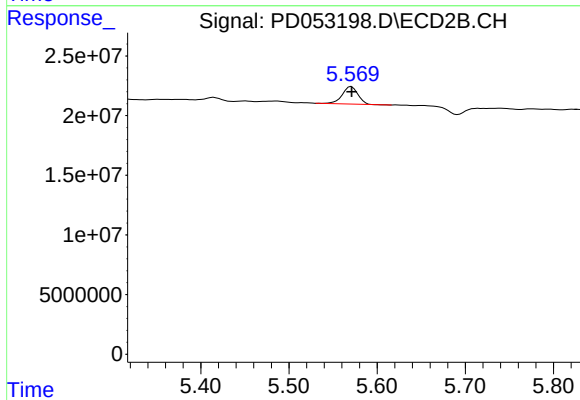
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 6186177  
Conc: 0.21 ng/ml



#5 Aldrin

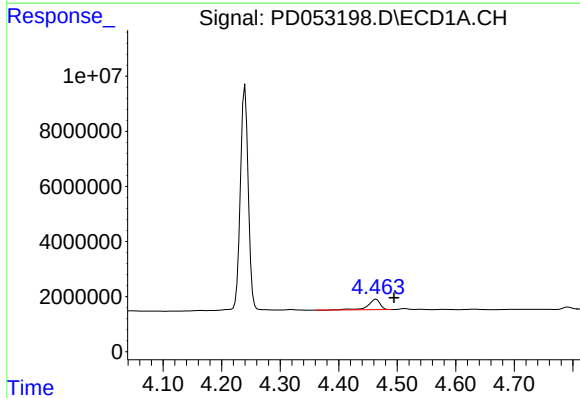
R.T.: 0.000 min  
Exp R.T.: 4.796 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



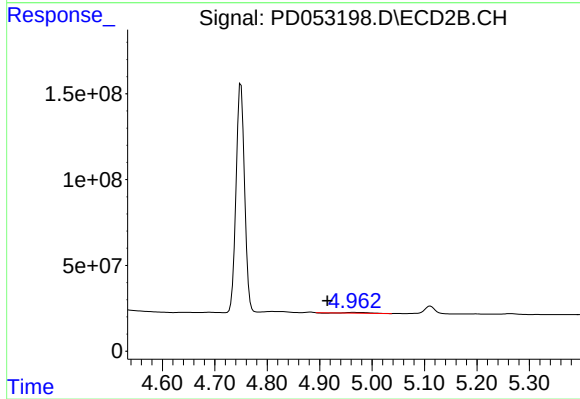
#5 Aldrin

R.T.: 5.571 min  
Delta R.T.: 0.000 min  
Response: 18356977  
Conc: 0.62 ng/ml



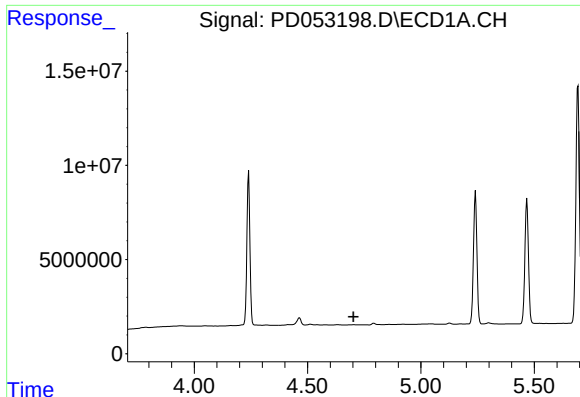
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: -0.031 min  
Response: 5522737  
Conc: 6.80 ng/ml



#6 beta-BHC

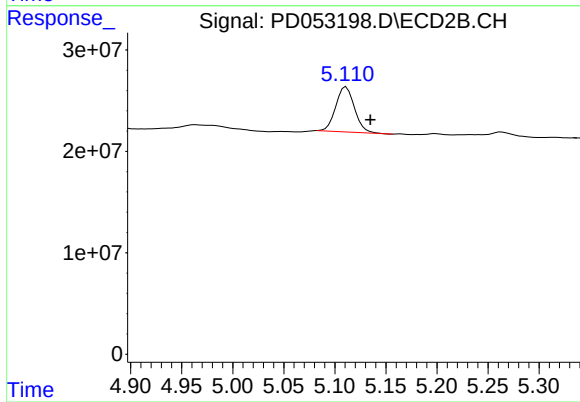
R.T.: 4.963 min  
Delta R.T.: 0.049 min  
Response: 11193263  
Conc: 0.78 ng/ml



#7 delta-BHC

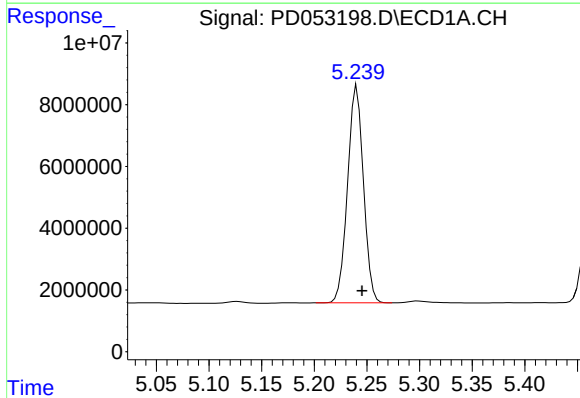
R.T.: 0.000 min  
Exp R.T.: 4.703 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



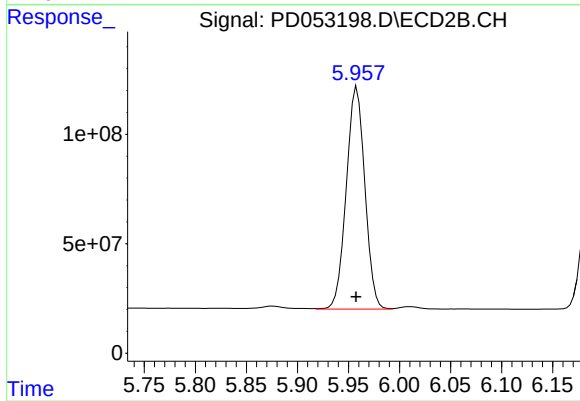
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: -0.024 min  
Response: 57130888  
Conc: 1.75 ng/ml



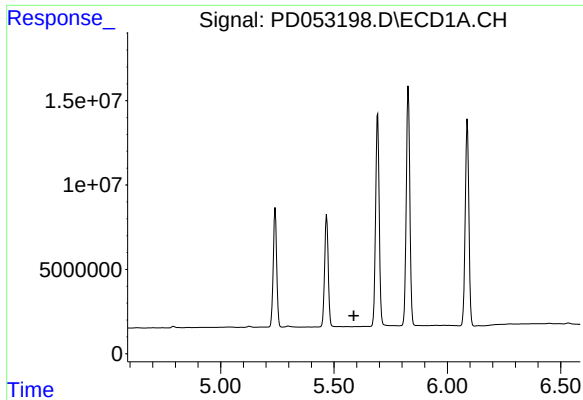
#8 Heptachlor epoxide

R.T.: 5.241 min  
Delta R.T.: -0.005 min  
Response: 74104370  
Conc: 45.44 ng/ml



#8 Heptachlor epoxide

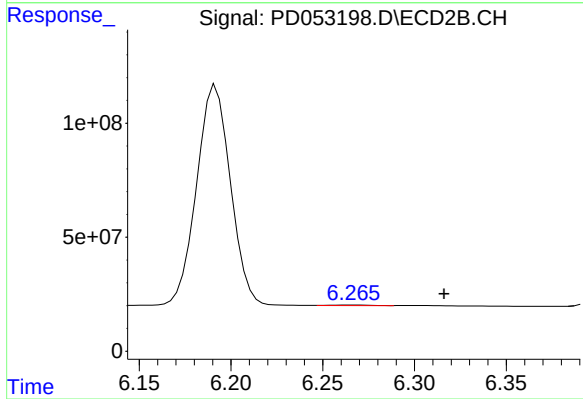
R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 1285252511  
Conc: 48.41 ng/ml



#9 Endosulfan I

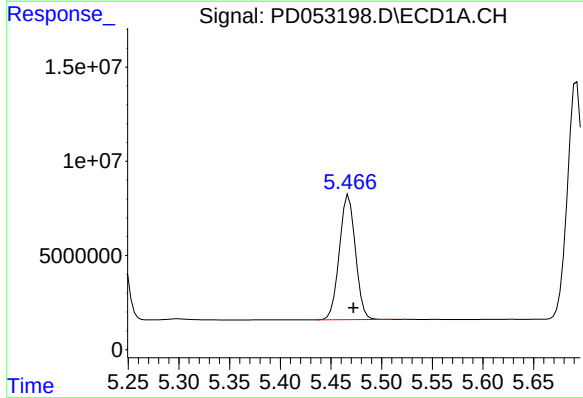
R.T.: 0.000 min  
Exp R.T.: 5.588 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



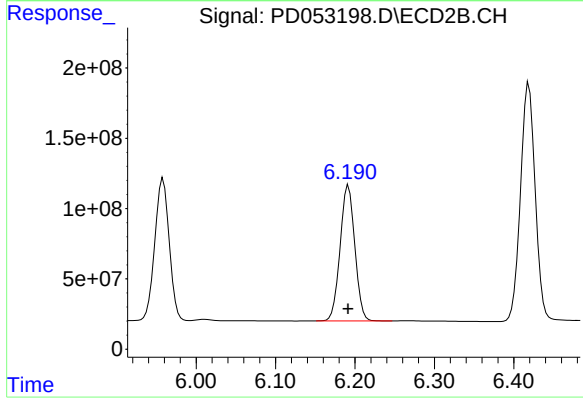
#9 Endosulfan I

R.T.: 6.267 min  
Delta R.T.: -0.049 min  
Response: 2985854  
Conc: 0.13 ng/ml



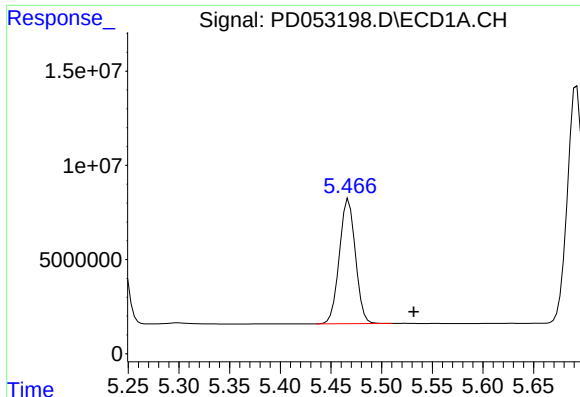
#10 trans-Chlordane

R.T.: 5.468 min  
Delta R.T.: -0.005 min  
Response: 72844505  
Conc: 45.30 ng/ml



#10 trans-Chlordane

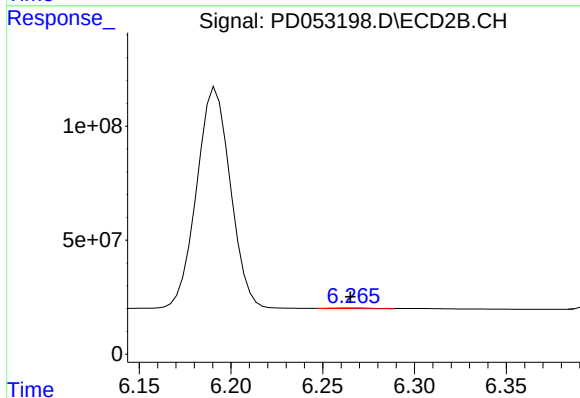
R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 1243512418  
Conc: 47.63 ng/ml



#11 cis-Chlordane

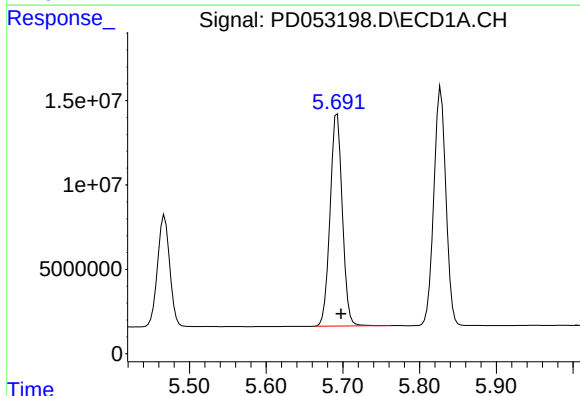
R.T.: 5.468 min  
Delta R.T.: -0.064 min  
Response: 72844505  
Conc: 46.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



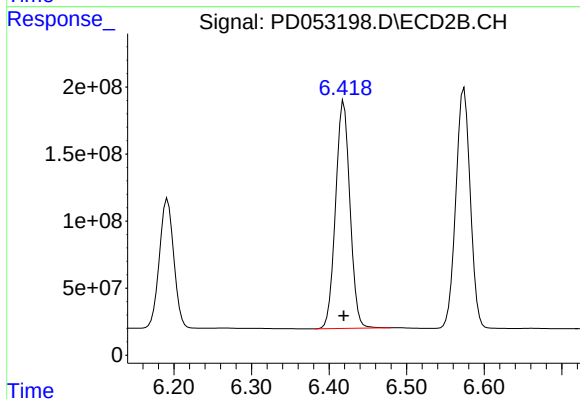
#11 cis-Chlordane

R.T.: 6.267 min  
Delta R.T.: 0.002 min  
Response: 2985854  
Conc: 0.12 ng/ml



#12 4,4'-DDE

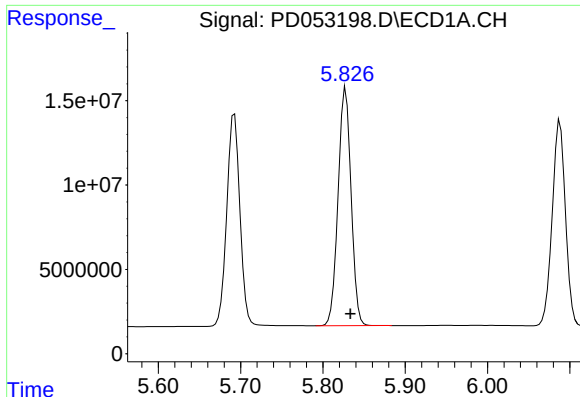
R.T.: 5.693 min  
Delta R.T.: -0.005 min  
Response: 139806030  
Conc: 98.66 ng/ml



#12 4,4'-DDE

R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 2182139804  
Conc: 100.16 ng/ml

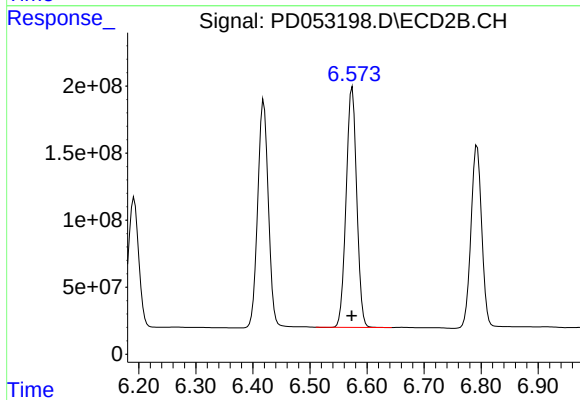




#13 Dieldrin

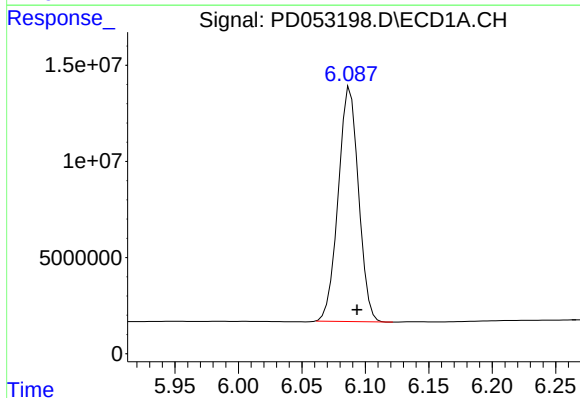
R.T.: 5.828 min  
Delta R.T.: -0.006 min  
Response: 154704342  
Conc: 94.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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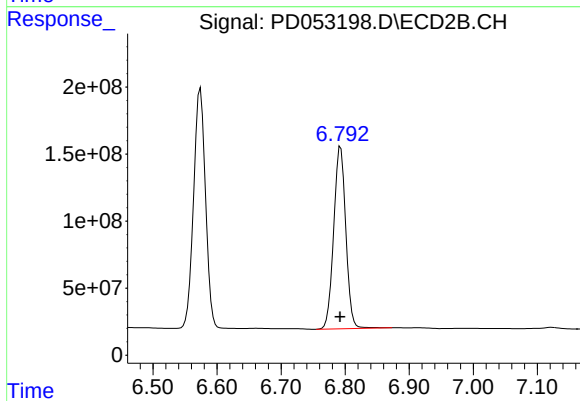
#13 Dieldrin

R.T.: 6.574 min  
Delta R.T.: 0.001 min  
Response: 2315664356  
Conc: 98.51 ng/ml



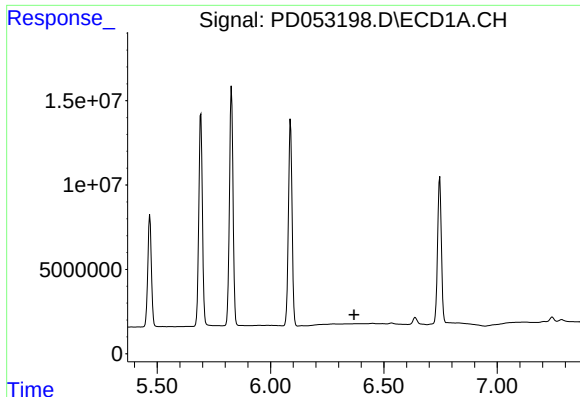
#14 Endrin

R.T.: 6.088 min  
Delta R.T.: -0.005 min  
Response: 135662896  
Conc: 106.23 ng/ml



#14 Endrin

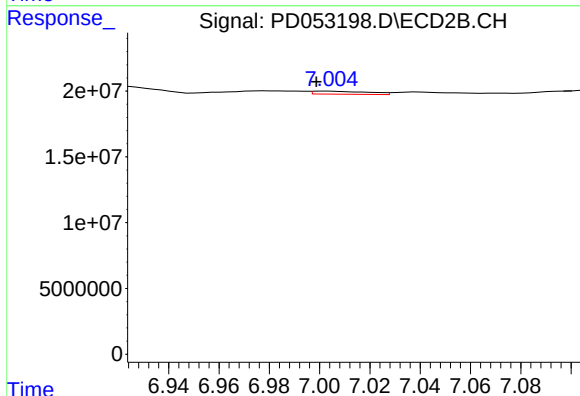
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 1786985233  
Conc: 109.57 ng/ml



#15 Endosulfan II

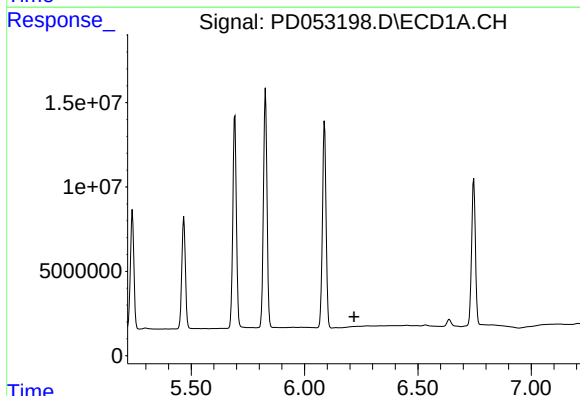
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



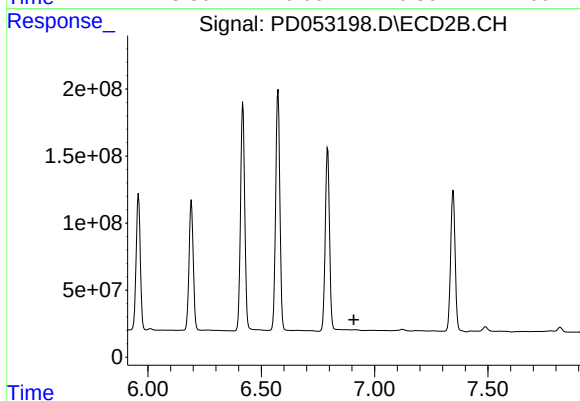
#15 Endosulfan II

R.T.: 7.003 min  
Delta R.T.: 0.004 min  
Response: 3557410  
Conc: 0.18 ng/ml



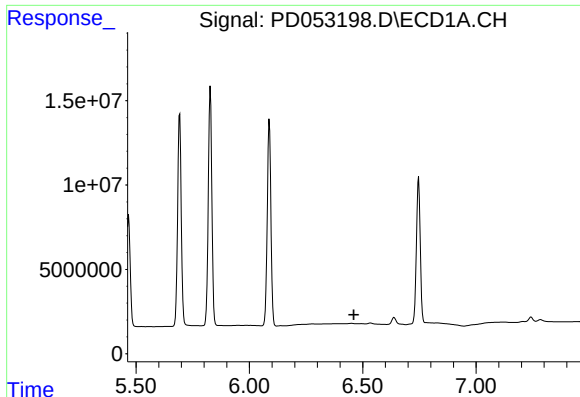
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.218 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

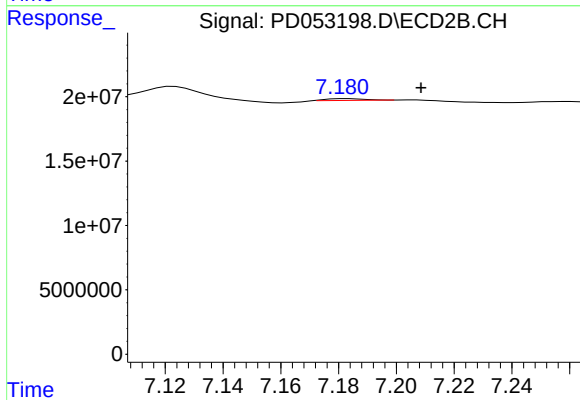
R.T.: 0.000 min  
Exp R.T.: 6.908 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

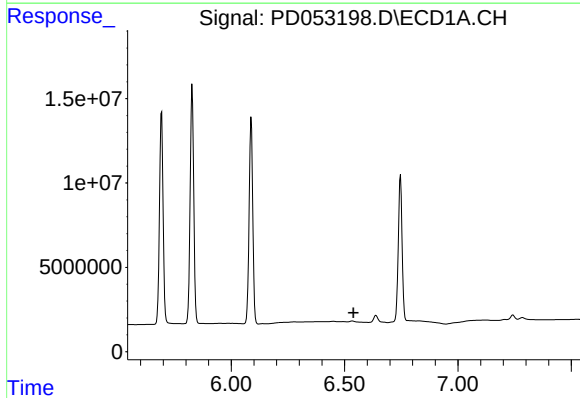
R.T.: 0.000 min  
Exp R.T.: 6.460 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



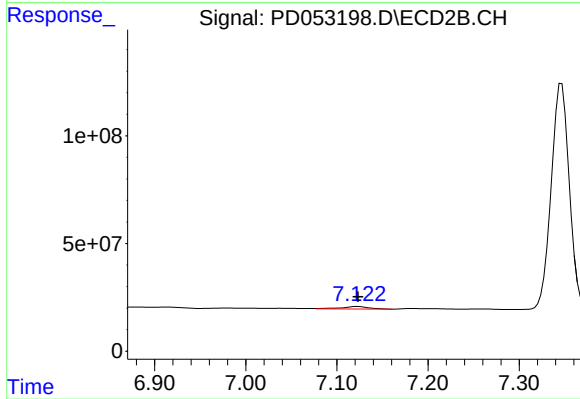
#17 4,4'-DDT

R.T.: 7.183 min  
Delta R.T.: -0.026 min  
Response: 1181639  
Conc: 0.14 ng/ml



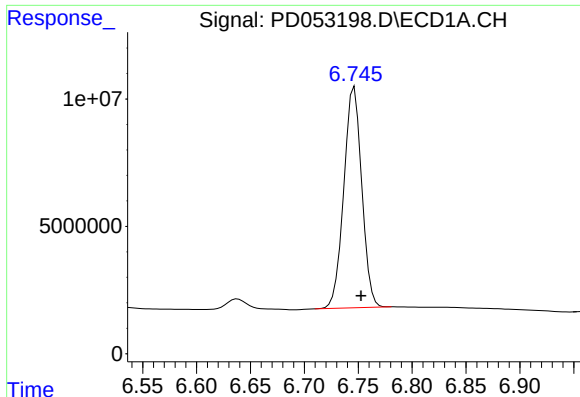
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.540 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

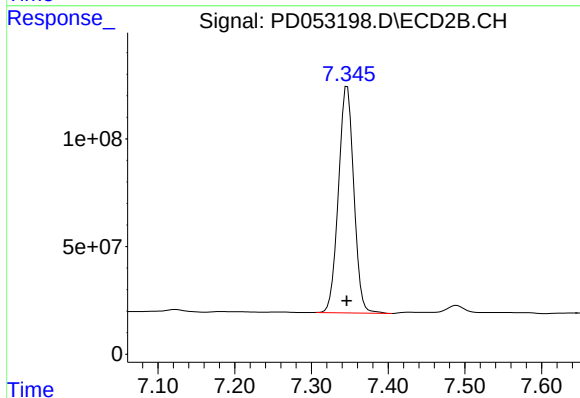
R.T.: 7.123 min  
Delta R.T.: 0.000 min  
Response: 24790809  
Conc: 1.69 ng/ml



#19 Endosulfan Sulfate

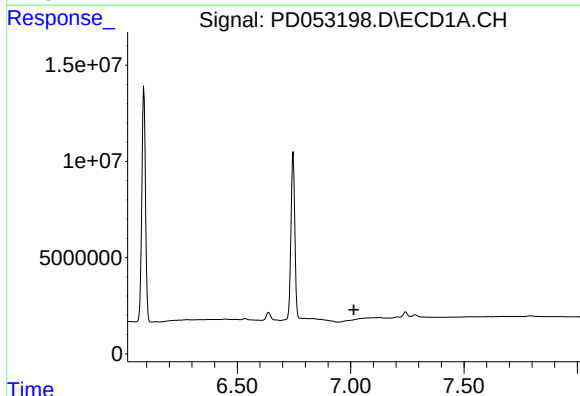
R.T.: 6.746 min  
Delta R.T.: -0.006 min  
Response: 100536435  
Conc: 86.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



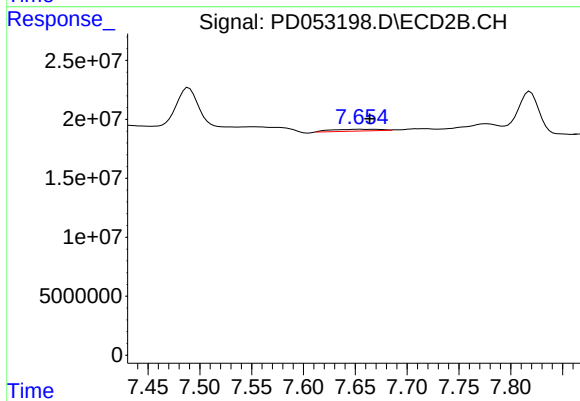
#19 Endosulfan Sulfate

R.T.: 7.347 min  
Delta R.T.: 0.000 min  
Response: 1464705169  
Conc: 85.97 ng/ml



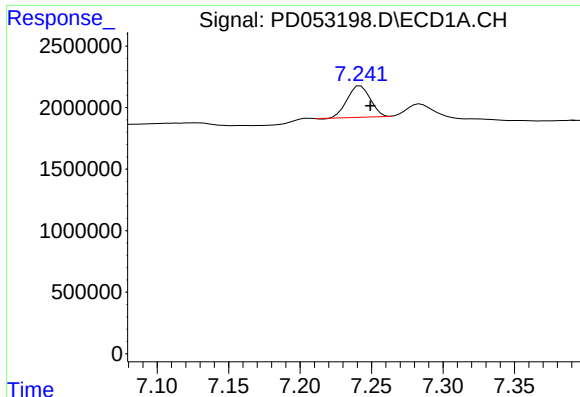
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.014 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

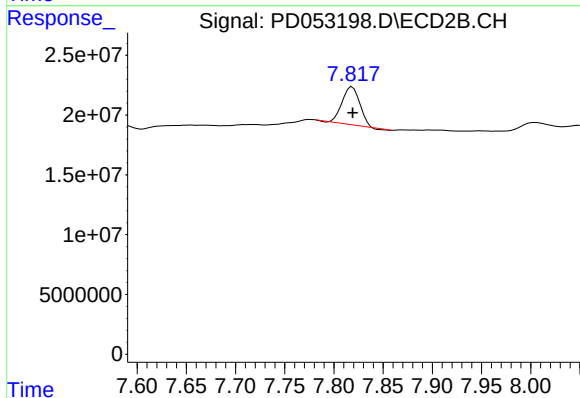
R.T.: 7.655 min  
Delta R.T.: -0.010 min  
Response: 5036308  
Conc: 1.00 ng/ml



#21 Endrin ketone

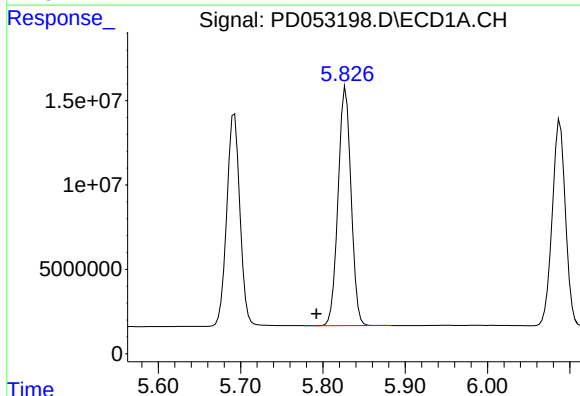
R.T.: 7.242 min  
Delta R.T.: -0.007 min  
Response: 2852072  
Conc: 2.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



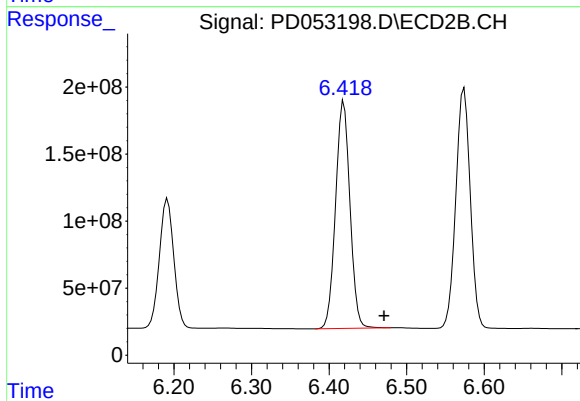
#21 Endrin ketone

R.T.: 7.819 min  
Delta R.T.: 0.000 min  
Response: 39019641  
Conc: 2.56 ng/ml



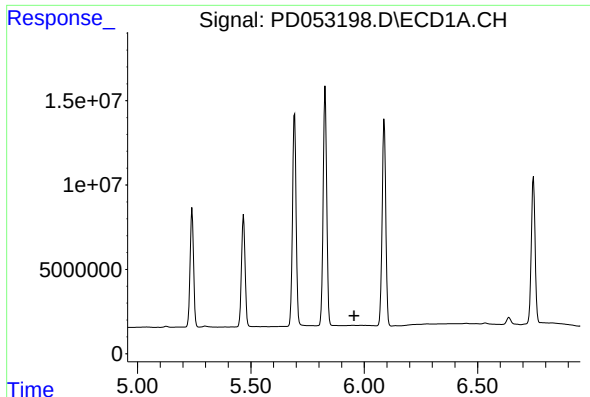
#22 Toxaphene-1

R.T.: 5.828 min  
Delta R.T.: 0.036 min  
Response: 154704342  
Conc: 16926.46 ng/ml



#22 Toxaphene-1

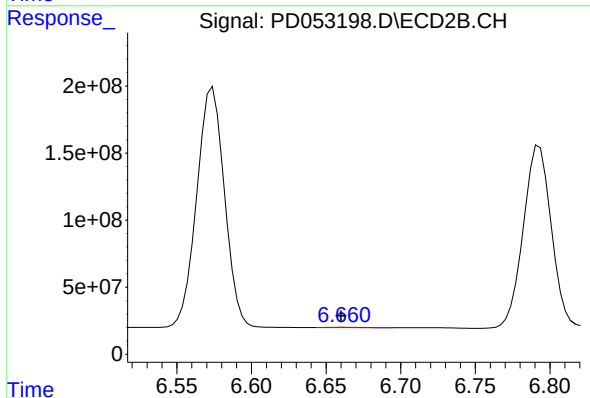
R.T.: 6.419 min  
Delta R.T.: -0.052 min  
Response: 2182139804  
Conc: 22416.20 ng/ml



#23 Toxaphene-2

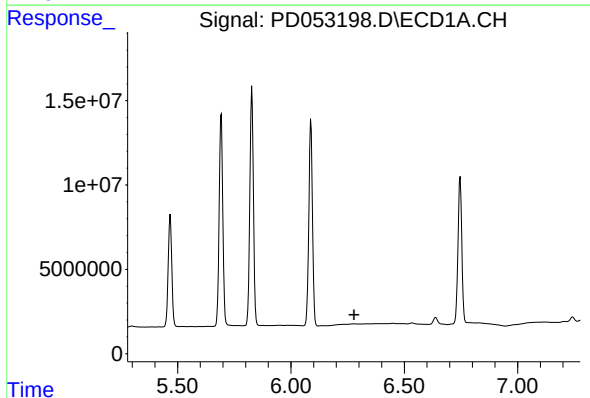
R.T.: 0.000 min  
Exp R.T.: 5.955 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



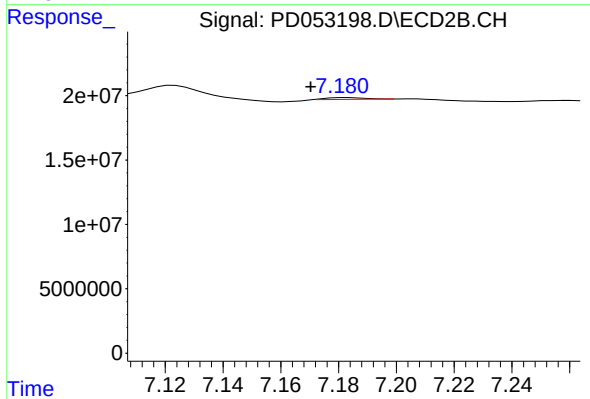
#23 Toxaphene-2

R.T.: 6.662 min  
Delta R.T.: 0.001 min  
Response: 3489639  
Conc: 20.30 ng/ml



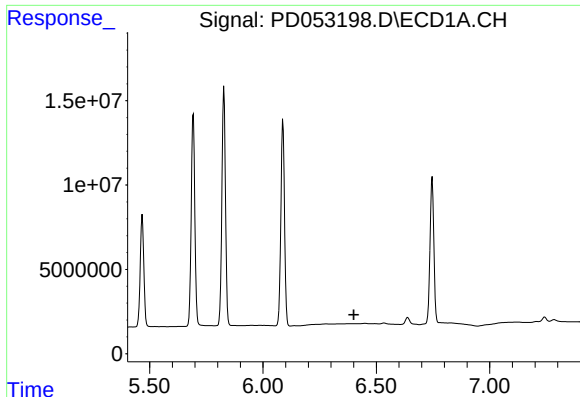
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 6.279 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

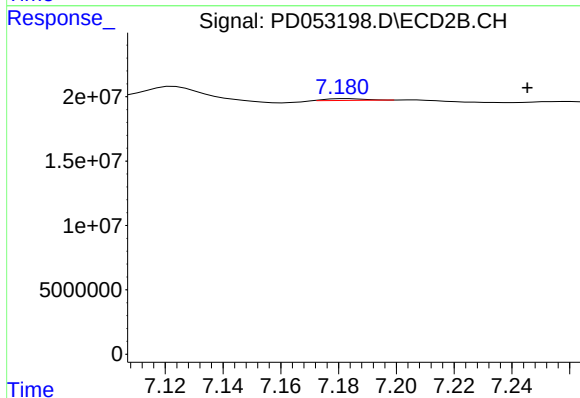
R.T.: 7.183 min  
Delta R.T.: 0.012 min  
Response: 1181639  
Conc: 8.41 ng/ml



#25 Toxaphene-4

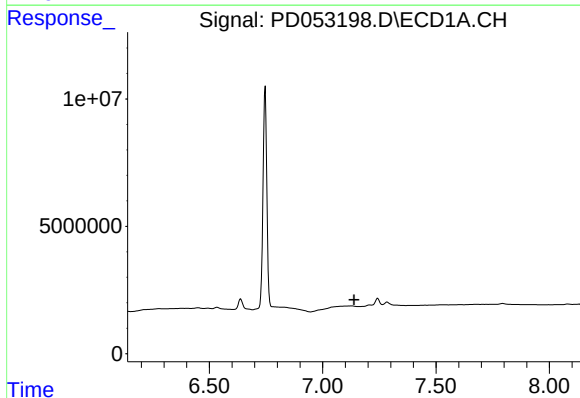
R.T.: 0.000 min  
Exp R.T.: 6.400 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



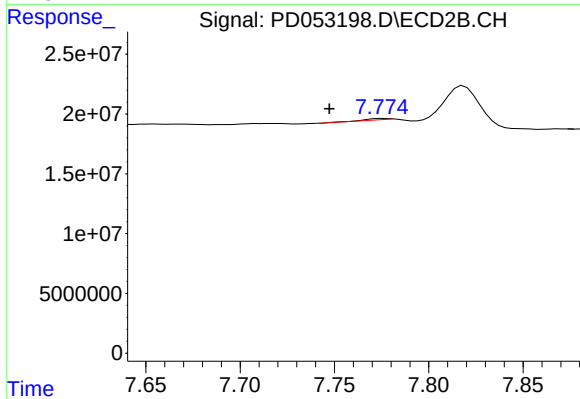
#25 Toxaphene-4

R.T.: 7.183 min  
Delta R.T.: -0.063 min  
Response: 1181639  
Conc: 3.32 ng/ml



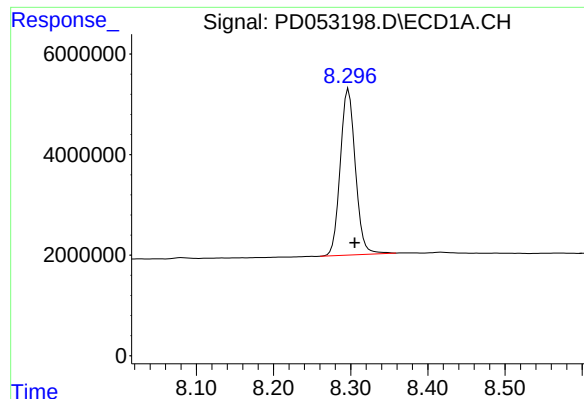
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

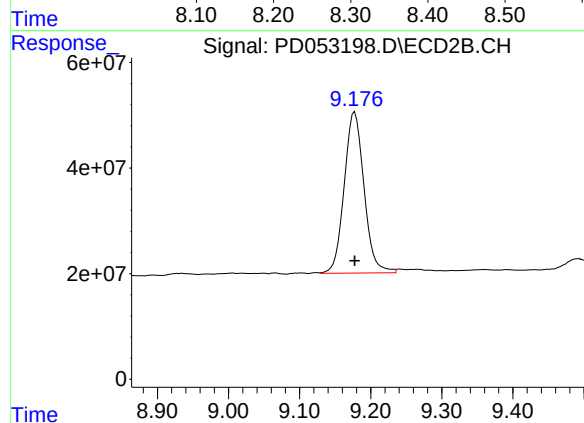
R.T.: 7.776 min  
Delta R.T.: 0.029 min  
Response: 1338793  
Conc: 9.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.297 min  
Delta R.T.: -0.008 min  
Response: 44939726  
Conc: 34.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS69



#27 Decachlorobiphenyl

R.T.: 9.178 min  
Delta R.T.: 0.000 min  
Response: 590499849  
Conc: 38.40 ng/ml