

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090820\  
 Data File : PL061289.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2020 16:33  
 Operator : DD\AJ  
 Sample : PB131477BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB131477BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:35:03 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

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 x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|------------|
| -----                       |                 |       |        |          |          |          |            |
| System Monitoring Compounds |                 |       |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.459 | 4.008  | 32003468 | 59526738 | 18.556   | 19.352     |
| 28)                         | SA Decachlor... | 8.210 | 9.095  | 34873011 | 49294343 | 20.903   | 20.847     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.397  | 122.7E6  | 232.9E6  | 47.937   | 50.440     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.683  | 109.4E6  | 213.7E6  | 47.939   | 49.811     |
| 4)                          | MA Heptachlor   | 4.481 | 5.193  | 103.8E6  | 195.5E6  | 48.384   | 50.010     |
| 5)                          | MB Aldrin       | 4.728 | 5.500  | 93035492 | 186.5E6  | 48.457   | 49.357     |
| 6)                          | B beta-BHC      | 4.429 | 4.854  | 46236582 | 89106681 | 48.133   | 51.025     |
| 7)                          | B delta-BHC     | 4.634 | 5.071  | 100.2E6  | 167.9E6  | 46.236   | 52.639     |
| 8)                          | B Heptachlo...  | 5.171 | 5.887  | 90613691 | 161.6E6  | 48.632   | 54.111     |
| 9)                          | A Endosulfan I  | 5.509 | 6.245  | 84245144 | 157.7E6  | 48.968   | 49.150     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.122  | 90020478 | 170.3E6  | 48.592   | 49.395     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.195  | 89604605 | 170.9E6  | 48.370   | 49.122     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.353  | 83274357 | 159.8E6  | 48.973   | 49.845     |
| 13)                         | MA Dieldrin     | 5.752 | 6.502  | 88217864 | 162.9E6  | 49.147   | 49.679     |
| 14)                         | MA Endrin       | 6.009 | 6.721  | 81942319 | 138.8E6  | 48.759   | 49.623     |
| 15)                         | B Endosulfa...  | 6.282 | 6.931  | 81606180 | 142.0E6  | 47.700   | 48.087     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.844  | 70917978 | 126.9E6  | 49.072   | 49.419     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.144  | 70501783 | 125.0E6  | 51.346   | 49.941     |
| 18)                         | B Endrin al...  | 6.449 | 7.055  | 70748533 | 120.9E6  | 48.060   | 49.419     |
| 19)                         | B Endosulfa...  | 6.662 | 7.279  | 81124455 | 134.5E6  | 49.292   | 49.158     |
| 20)                         | A Methoxychlor  | 6.922 | 7.605  | 42928545 | 71070463 | 50.147   | 49.408     |
| 21)                         | B Endrin ke...  | 7.152 | 7.750  | 92308606 | 139.3E6  | 50.478   | 51.300     |
| 22)                         | Mirex           | 7.341 | 8.207  | 70763068 | 96756576 | 47.325   | 50.249     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 186.5E6  | N.D.     | 1526.957 # |
| 25)                         | Chlordane-3     | 5.398 | 6.122  | 90020478 | 170.3E6  | 542.793  | 394.198 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.195  | 89604605 | 170.9E6  | 650.979  | 326.560 #  |
| 27)                         | Chlordane-5     | 6.282 | 0.000  | 81606180 | 0        | 1451.891 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

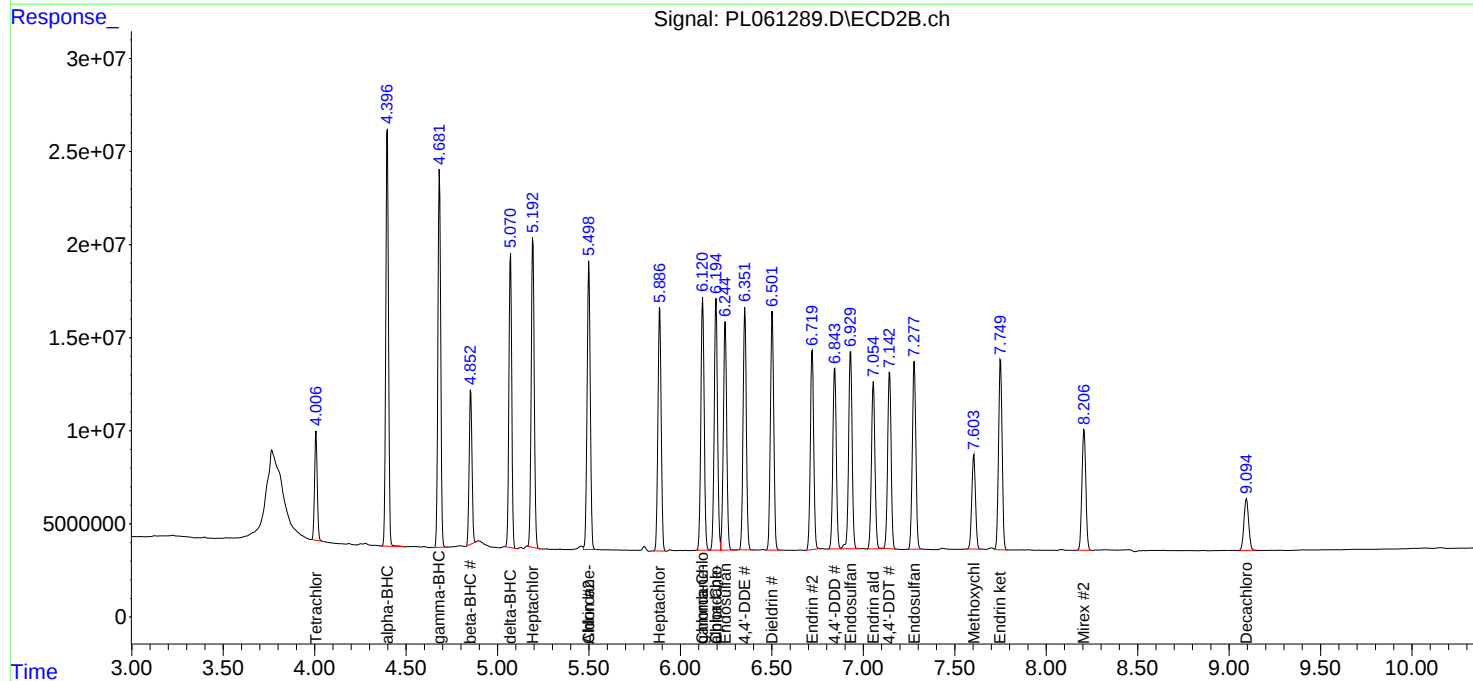
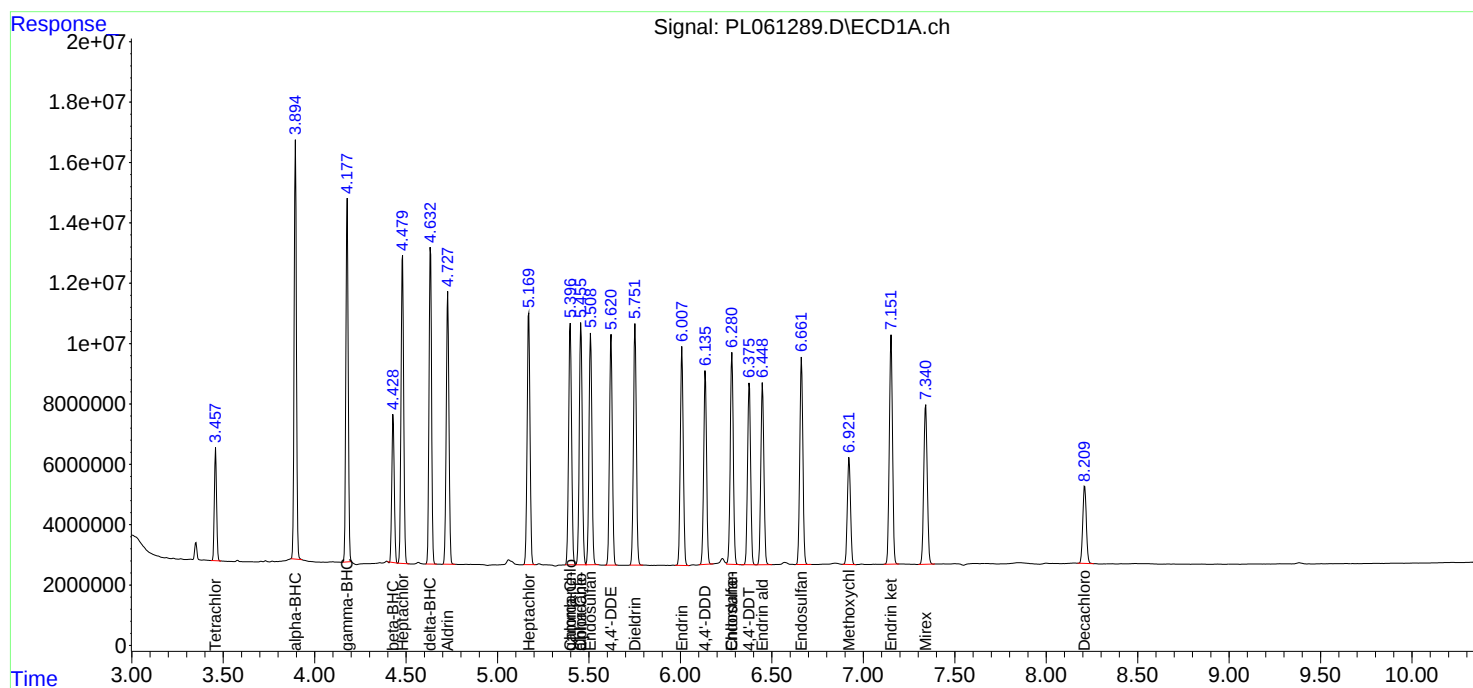
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

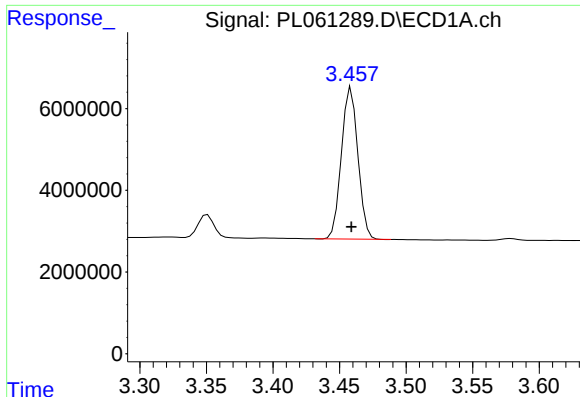
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090820\  
Data File : PL061289.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2020 16:33  
Operator : DD\AJ  
Sample : PB131477BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB131477BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:35:03 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 2020  
Response via : Initial Calibration  
Integrator: ChemStation

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 x0.5µm

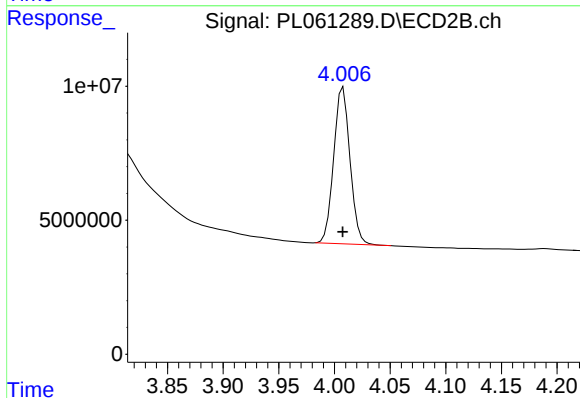




#1 Tetrachloro-m-xylene

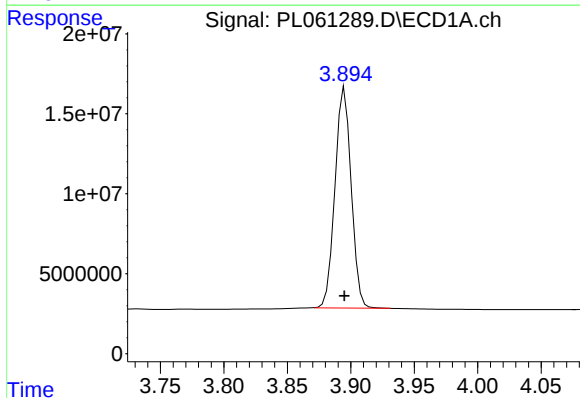
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 32003468  
Conc: 18.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



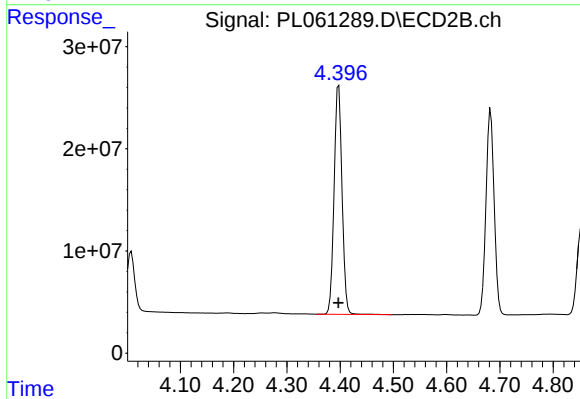
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 59526738  
Conc: 19.35 ng/ml



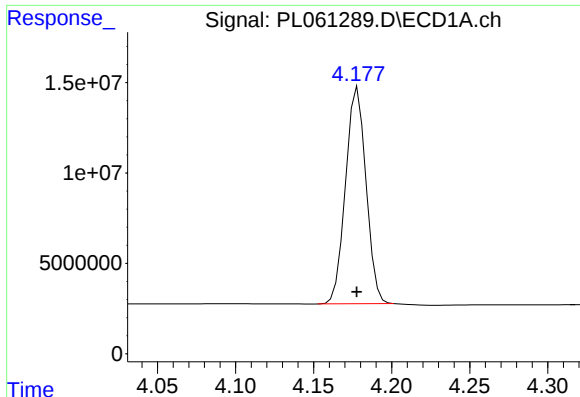
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 122676919  
Conc: 47.94 ng/ml



#2 alpha-BHC

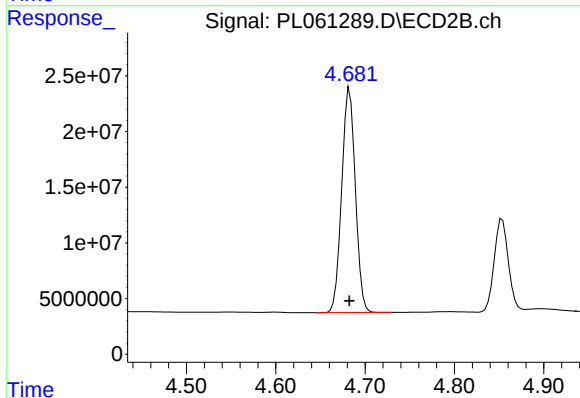
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 232937980  
Conc: 50.44 ng/ml



#3 gamma-BHC (Lindane)

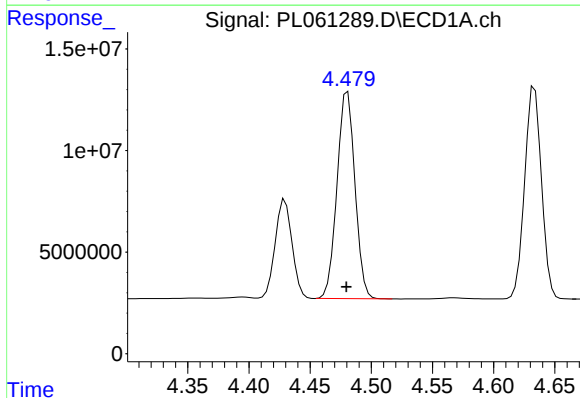
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 109415239  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



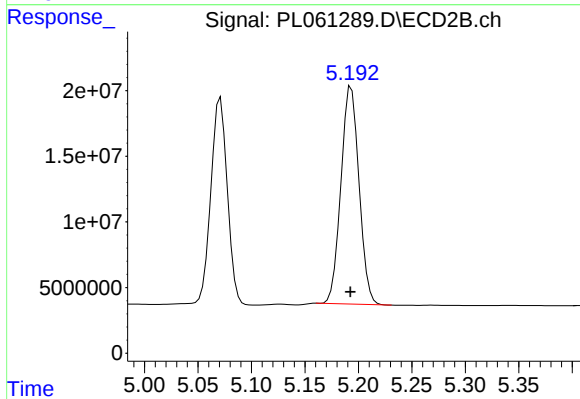
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 213708655  
Conc: 49.81 ng/ml



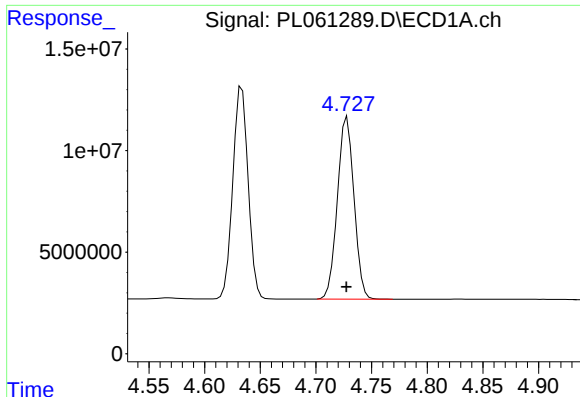
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 103808321  
Conc: 48.38 ng/ml



#4 Heptachlor

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 195502021  
Conc: 50.01 ng/ml



#5 Aldrin

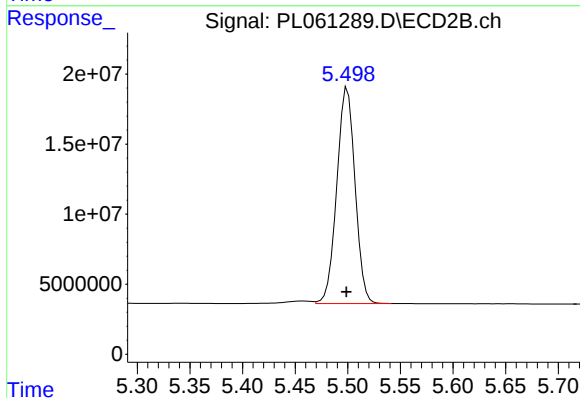
R.T.: 4.728 min

Delta R.T.: 0.000 min

Response: 93035492

Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



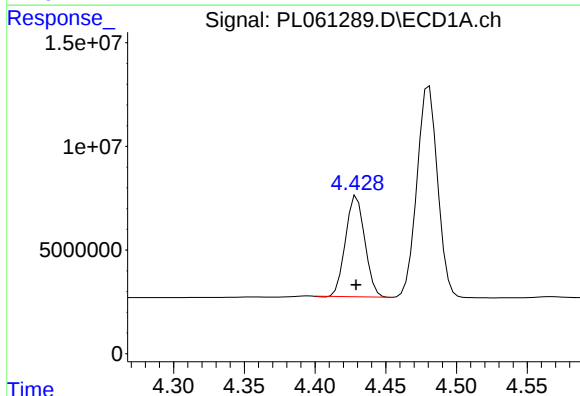
#5 Aldrin

R.T.: 5.500 min

Delta R.T.: 0.000 min

Response: 186498210

Conc: 49.36 ng/ml



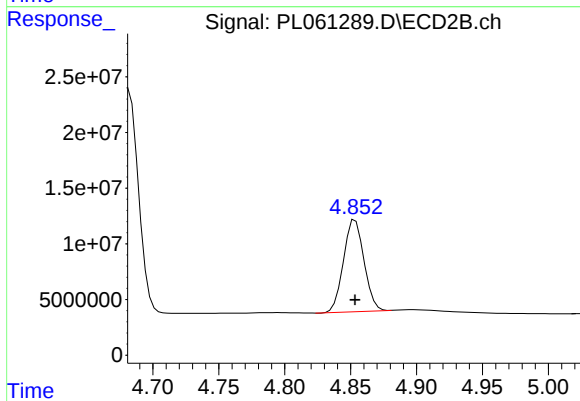
#6 beta-BHC

R.T.: 4.429 min

Delta R.T.: 0.000 min

Response: 46236582

Conc: 48.13 ng/ml



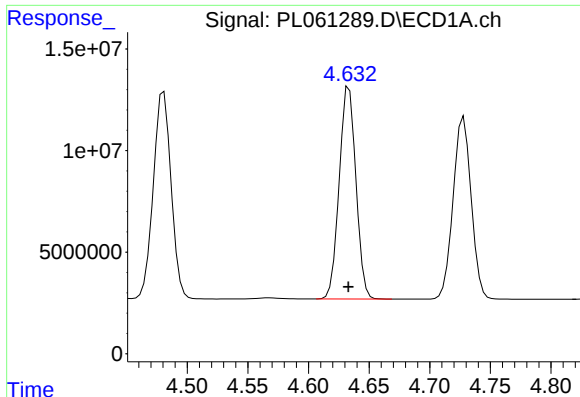
#6 beta-BHC

R.T.: 4.854 min

Delta R.T.: 0.000 min

Response: 89106681

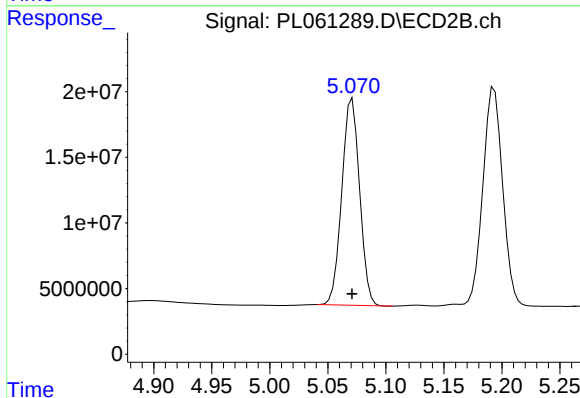
Conc: 51.03 ng/ml



#7 delta-BHC

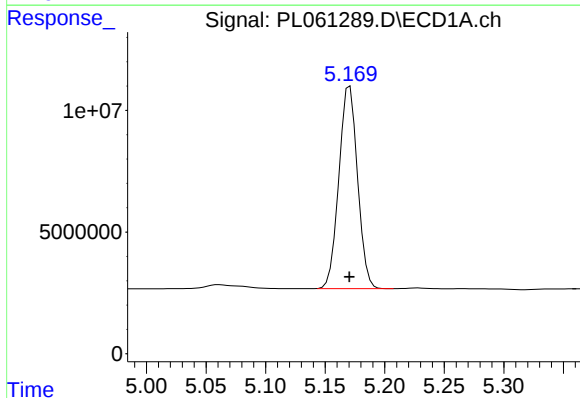
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 100158207  
Conc: 46.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



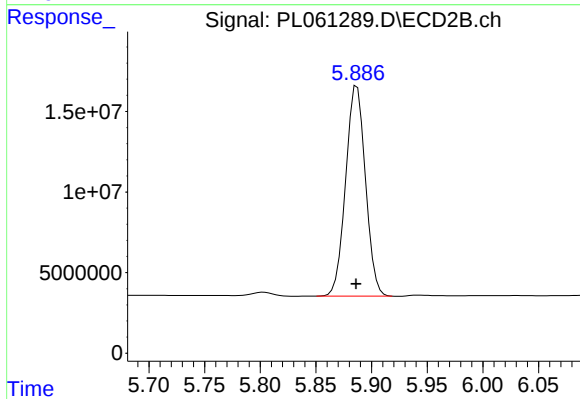
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 167891646  
Conc: 52.64 ng/ml



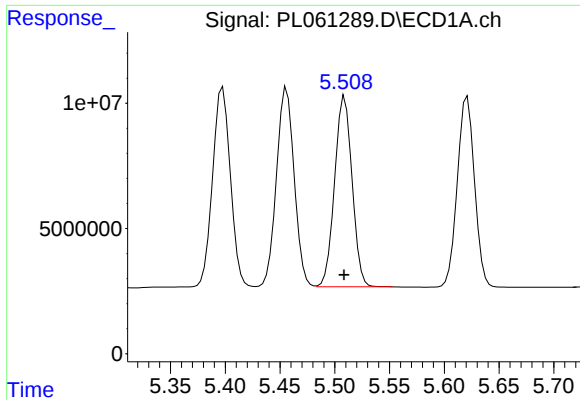
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 90613691  
Conc: 48.63 ng/ml



#8 Heptachlor epoxide

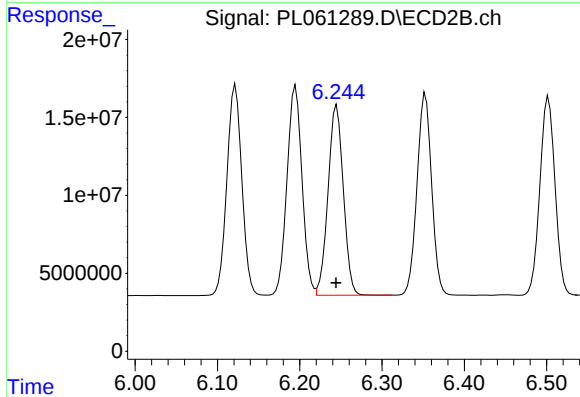
R.T.: 5.887 min  
Delta R.T.: 0.001 min  
Response: 161570181  
Conc: 54.11 ng/ml



#9 Endosulfan I

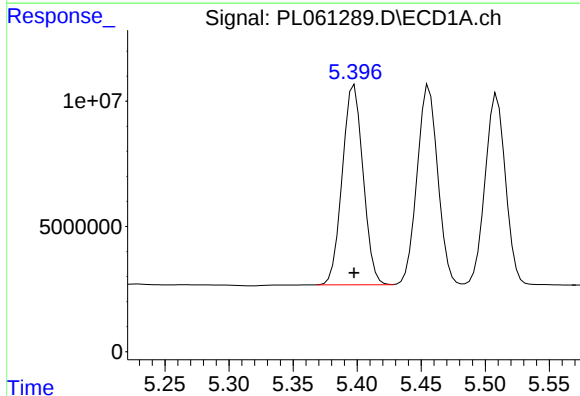
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 84245144  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



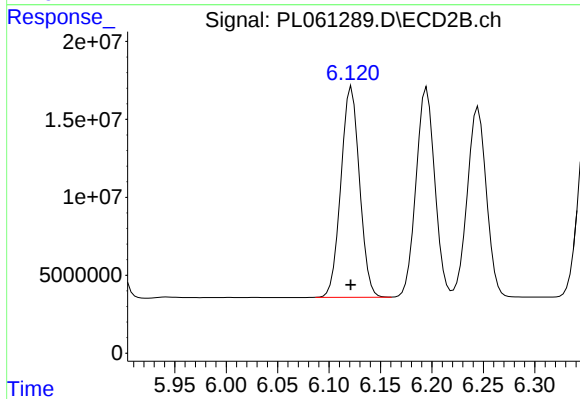
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 157667022  
Conc: 49.15 ng/ml



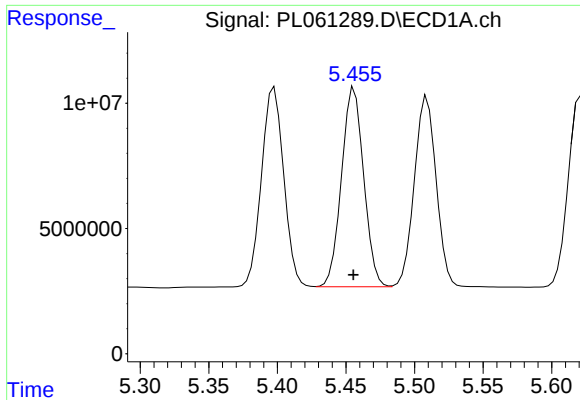
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 90020478  
Conc: 48.59 ng/ml



#10 gamma-Chlordane

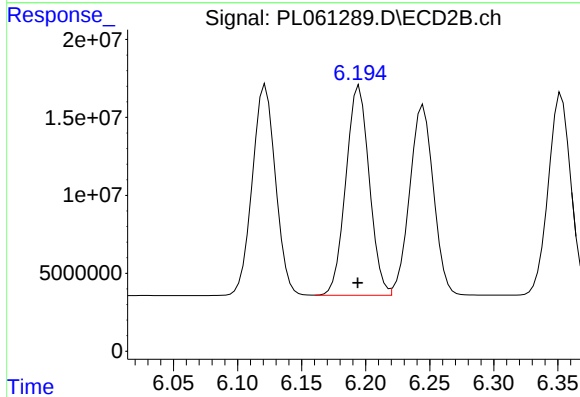
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 170284999  
Conc: 49.40 ng/ml



#11 alpha-Chlordane

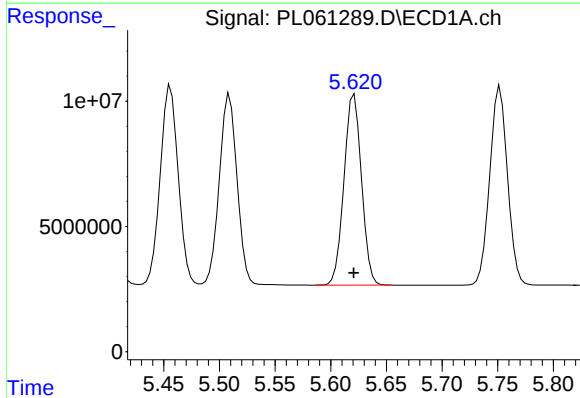
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 89604605  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



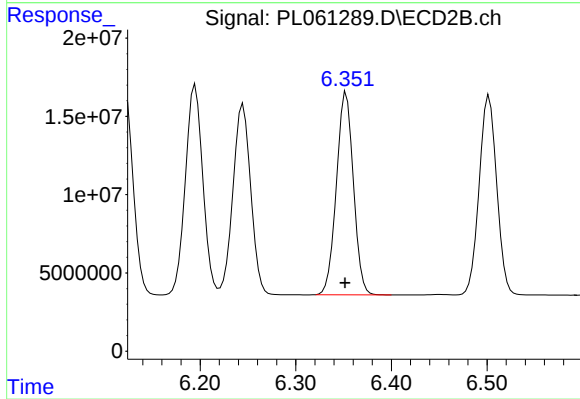
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.001 min  
Response: 170945751  
Conc: 49.12 ng/ml



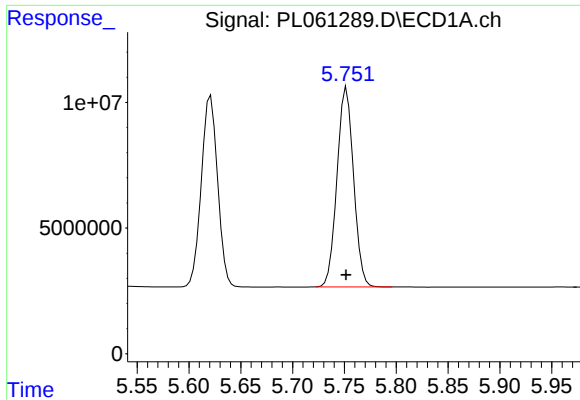
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 83274357  
Conc: 48.97 ng/ml



#12 4,4'-DDE

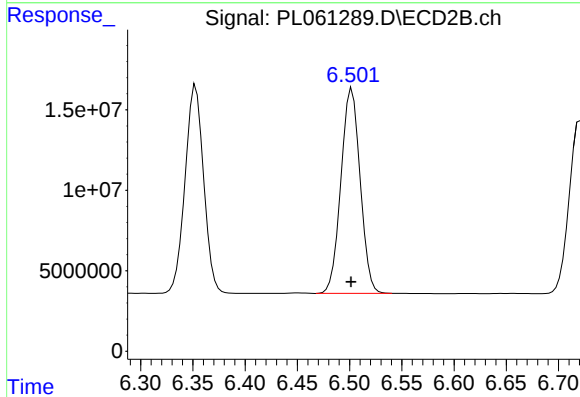
R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 159775517  
Conc: 49.85 ng/ml



#13 Dieldrin

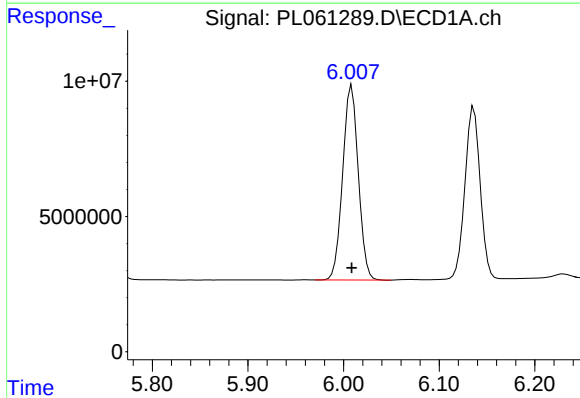
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 88217864  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



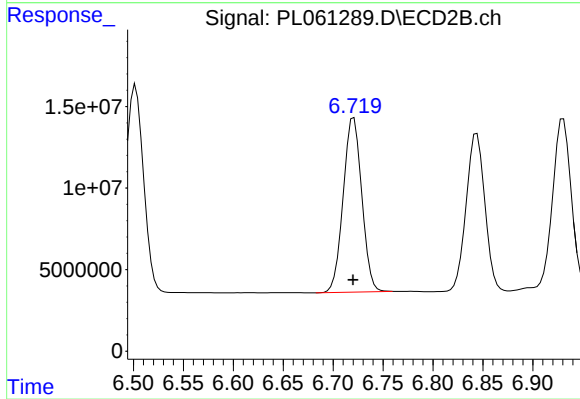
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 162885463  
Conc: 49.68 ng/ml



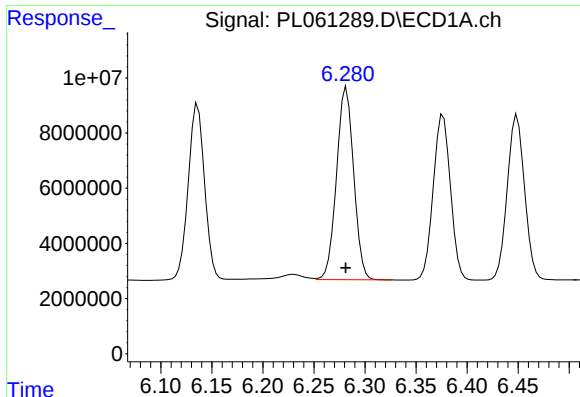
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 81942319  
Conc: 48.76 ng/ml



#14 Endrin

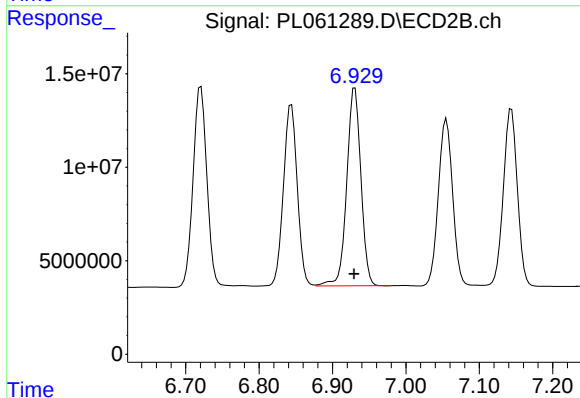
R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 138751901  
Conc: 49.62 ng/ml



#15 Endosulfan II

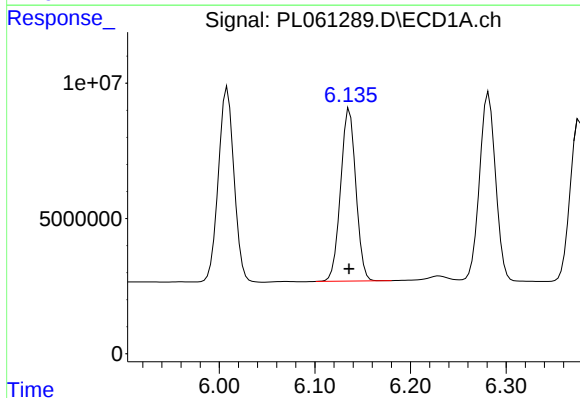
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 81606180  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



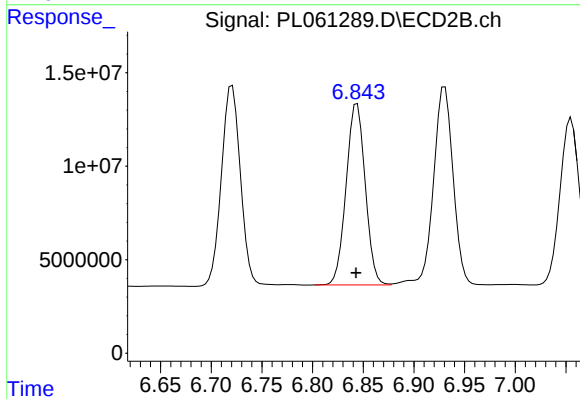
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 142038849  
Conc: 48.09 ng/ml



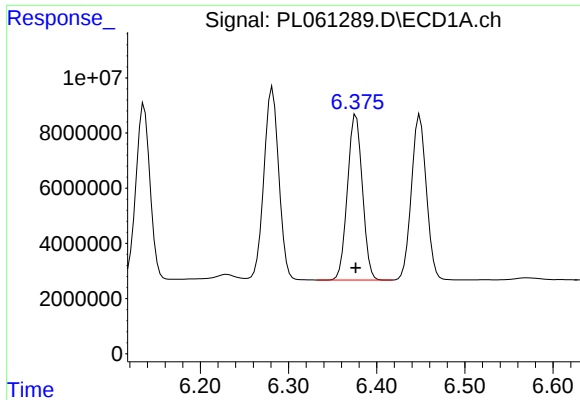
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 70917978  
Conc: 49.07 ng/ml



#16 4,4'-DDD

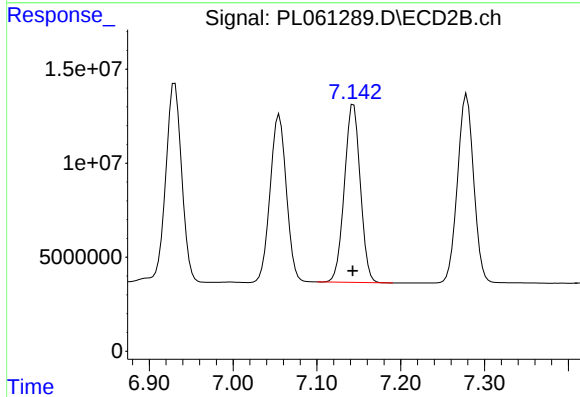
R.T.: 6.844 min  
Delta R.T.: 0.001 min  
Response: 126907275  
Conc: 49.42 ng/ml



#17 4,4'-DDT

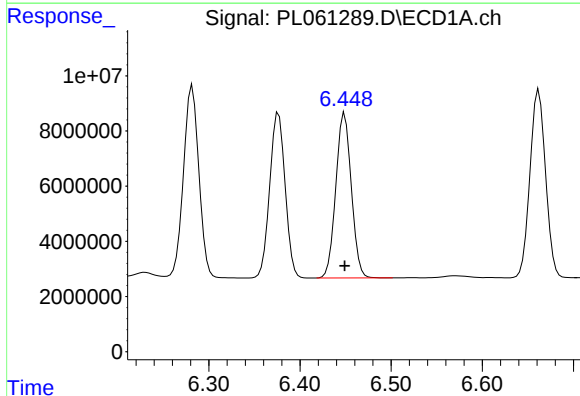
R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: 70501783  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



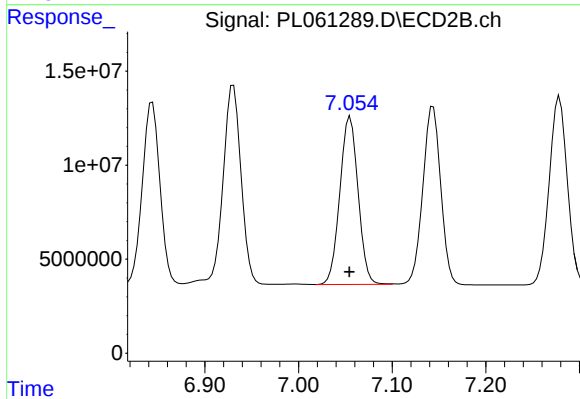
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 125007332  
Conc: 49.94 ng/ml



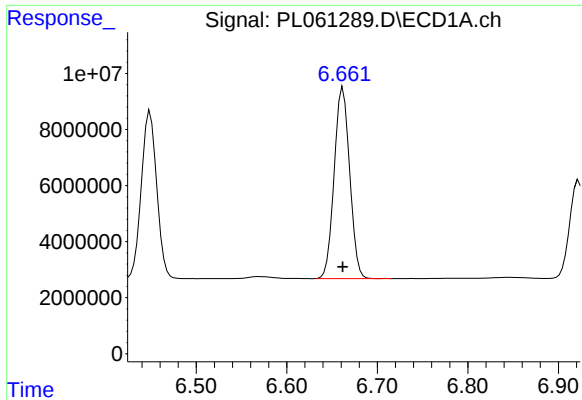
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 70748533  
Conc: 48.06 ng/ml



#18 Endrin aldehyde

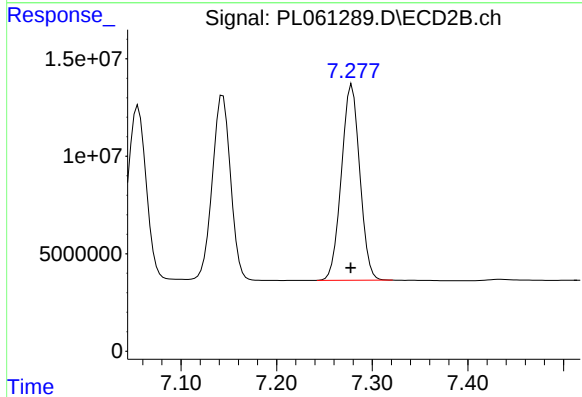
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 120905939  
Conc: 49.42 ng/ml



#19 Endosulfan Sulfate

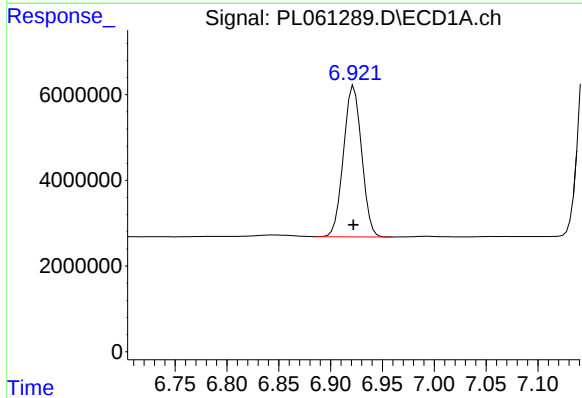
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 81124455  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



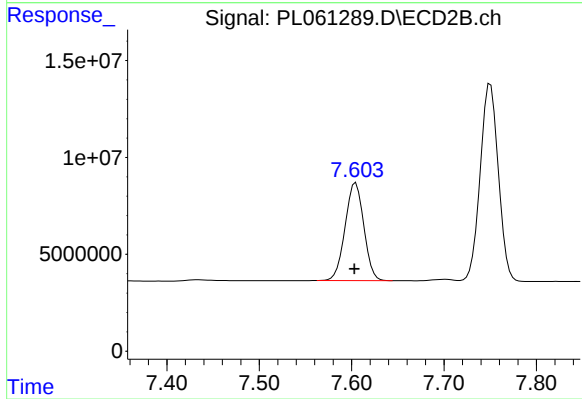
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.001 min  
Response: 134482802  
Conc: 49.16 ng/ml



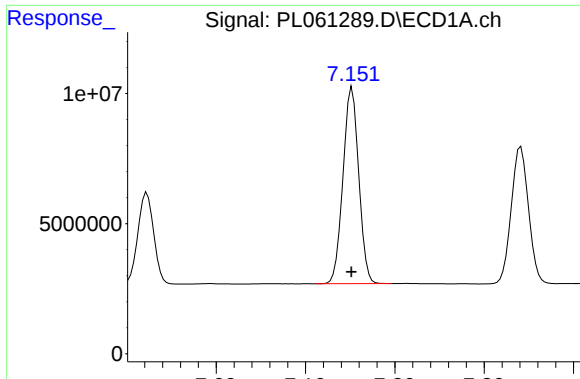
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 42928545  
Conc: 50.15 ng/ml



#20 Methoxychlor

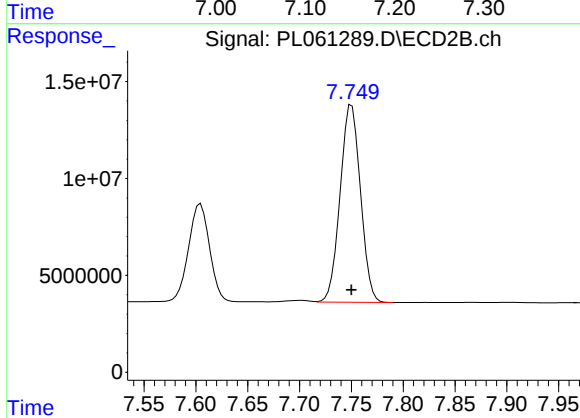
R.T.: 7.605 min  
Delta R.T.: 0.002 min  
Response: 71070463  
Conc: 49.41 ng/ml



#21 Endrin ketone

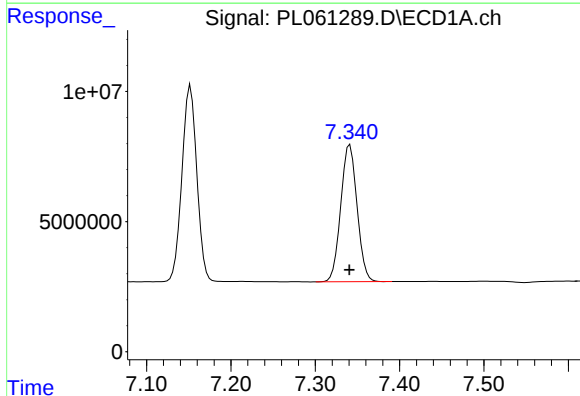
R.T.: 7.152 min  
Delta R.T.: 0.000 min  
Response: 92308606  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



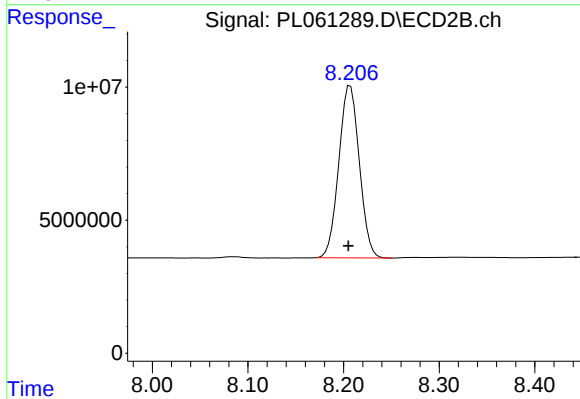
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 139268121  
Conc: 51.30 ng/ml



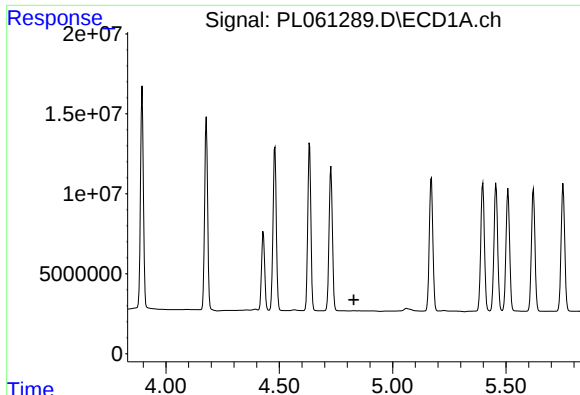
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 70763068  
Conc: 47.32 ng/ml



#22 Mirex

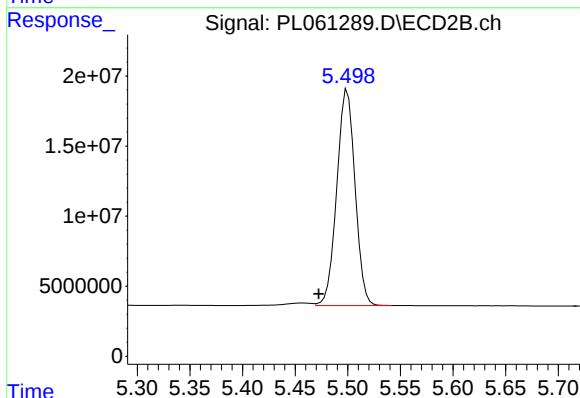
R.T.: 8.207 min  
Delta R.T.: 0.002 min  
Response: 96756576  
Conc: 50.25 ng/ml



#24 Chlordane-2

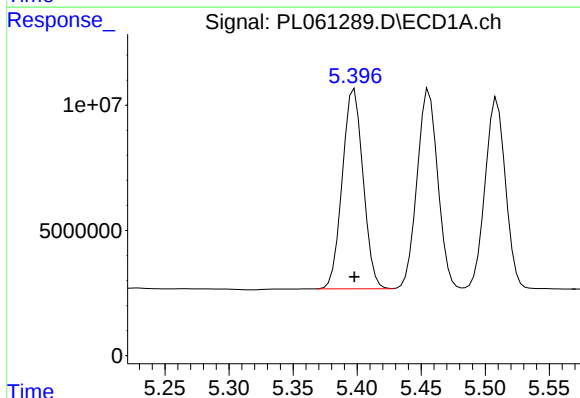
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



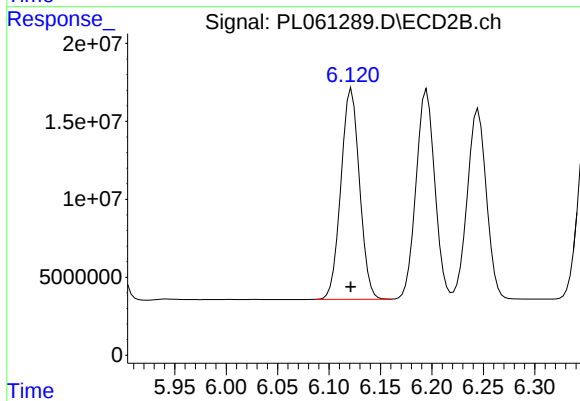
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.027 min  
Response: 186498210  
Conc: 1526.96 ng/ml



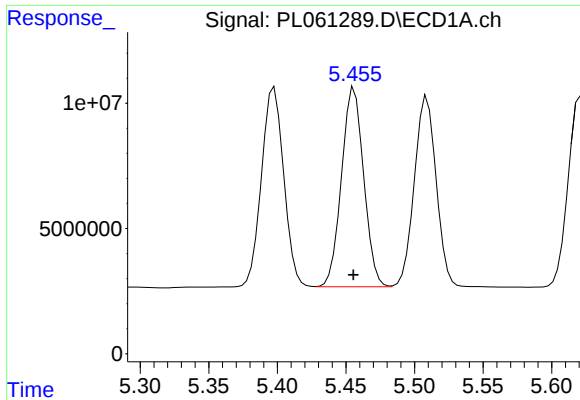
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 90020478  
Conc: 542.79 ng/ml



#25 Chlordane-3

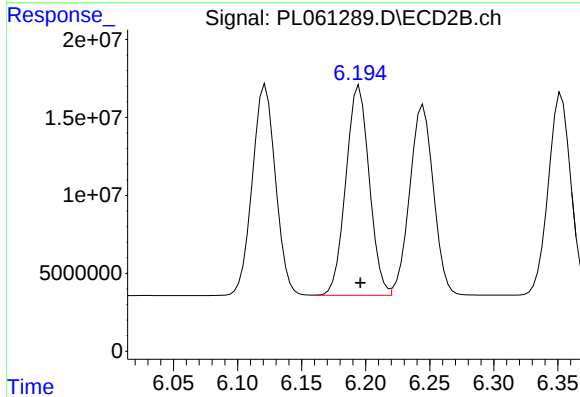
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 170284999  
Conc: 394.20 ng/ml



#26 Chlordane-4

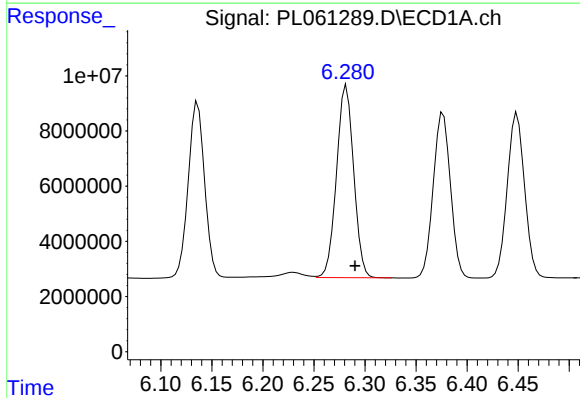
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 89604605  
Conc: 650.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



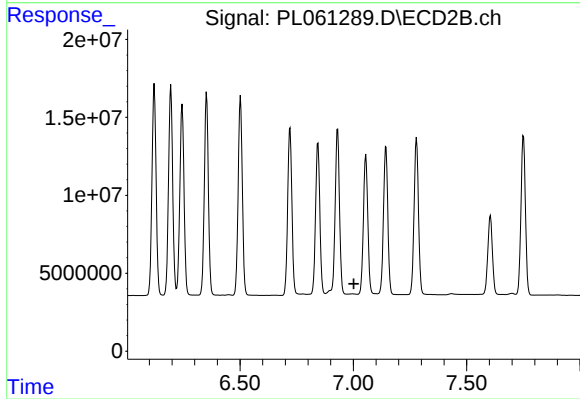
#26 Chlordane-4

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 170945751  
Conc: 326.56 ng/ml



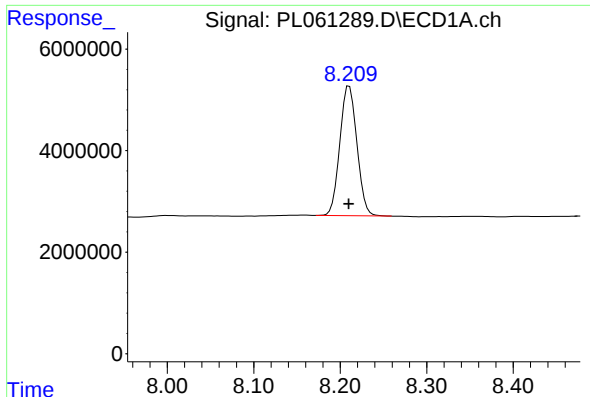
#27 Chlordane-5

R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 81606180  
Conc: 1451.89 ng/ml



#27 Chlordane-5

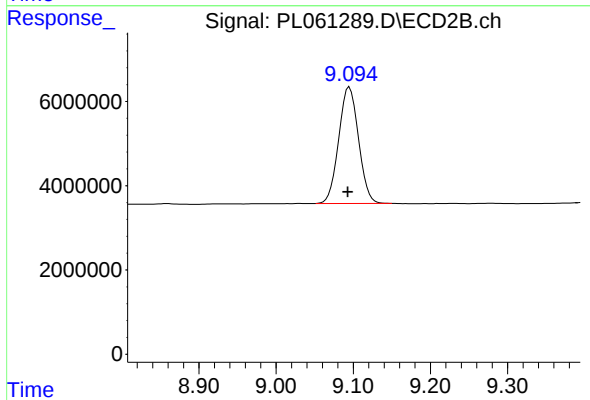
R.T.: 0.000 min  
Exp R.T.: 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 34873011  
Conc: 20.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131477BS



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.002 min  
Response: 49294343  
Conc: 20.85 ng/ml