

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073120\  
 Data File : PL060385.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2020 13:49  
 Operator : DD\AJ  
 Sample : L3483-01MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 00:56:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 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... | 3.464 | 4.011  | 43391287 | 55351549 | 21.771   | 21.162     |
| 28)                         | SA Decachlor... | 8.223 | 9.100  | 29147919 | 33636658 | 19.100   | 18.701     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.901 | 4.401  | 145.2E6  | 192.2E6  | 49.803   | 50.223     |
| 3)                          | MA gamma-BHC... | 4.185 | 4.686  | 124.2E6  | 174.8E6  | 48.938   | 48.546     |
| 4)                          | MA Heptachlor   | 4.487 | 5.197  | 116.7E6  | 159.2E6  | 50.085   | 46.776     |
| 5)                          | MB Aldrin       | 4.735 | 5.504  | 92378092 | 151.6E6  | 46.604   | 49.394     |
| 6)                          | B beta-BHC      | 4.436 | 4.856  | 56122120 | 75981083 | 55.337   | 50.529     |
| 7)                          | B delta-BHC     | 4.640 | 5.075  | 117.2E6  | 133.5E6  | 51.658   | 52.756     |
| 8)                          | B Heptachlo...  | 5.178 | 5.890  | 93788745 | 140.1E6  | 49.474   | 57.835     |
| 9)                          | A Endosulfan I  | 5.517 | 6.249  | 81976676 | 114.8E6  | 49.026   | 42.440     |
| 10)                         | B gamma-Chl...  | 5.405 | 6.126  | 83985032 | 117.0E6  | 46.353   | 41.385     |
| 11)                         | B alpha-Chl...  | 5.464 | 6.199  | 88206172 | 127.6E6  | 48.947   | 43.700     |
| 12)                         | B 4,4'-DDE      | 5.629 | 6.356  | 80921976 | 137.7E6  | 48.001   | 52.044     |
| 13)                         | MA Dieldrin     | 5.760 | 6.506  | 103.3E6  | 128.3E6  | 58.376   | 46.807     |
| 14)                         | MA Endrin       | 6.017 | 6.724  | 77313458 | 119.4E6  | 46.381   | 50.996     |
| 15)                         | B Endosulfa...  | 6.290 | 6.934  | 87054223 | 109.7E6  | 51.278   | 45.534     |
| 16)                         | A 4,4'-DDD      | 6.145 | 6.848  | 69260910 | 126.1E6  | 47.935   | 60.515 #   |
| 17)                         | MA 4,4'-DDT     | 6.385 | 7.147  | 82639017 | 95331430 | 60.496   | 47.137     |
| 18)                         | B Endrin al...  | 6.459 | 7.058  | 73181926 | 90213657 | 50.941   | 45.024     |
| 19)                         | B Endosulfa...  | 6.672 | 7.282  | 108.3E6  | 107.2E6  | 67.980   | 48.745 #   |
| 20)                         | A Methoxychlor  | 6.929 | 7.607  | 55717835 | 47881143 | 68.107   | 41.579 #   |
| 21)                         | B Endrin ke...  | 7.162 | 7.754  | 79062877 | 106.0E6  | 46.895   | 48.087     |
| 22)                         | Mirex           | 7.352 | 8.211  | 61739845 | 69763807 | 45.224   | 44.550     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0        | 151.6E6  | N.D.     | 1489.648 # |
| 25)                         | Chlordane-3     | 5.405 | 6.126  | 83985032 | 117.0E6  | 502.412  | 318.025 #  |
| 26)                         | Chlordane-4     | 5.464 | 6.199  | 88206172 | 127.6E6  | 640.361  | 279.452 #  |
| 27)                         | Chlordane-5     | 6.290 | 0.000  | 87054223 | 0        | 1538.617 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

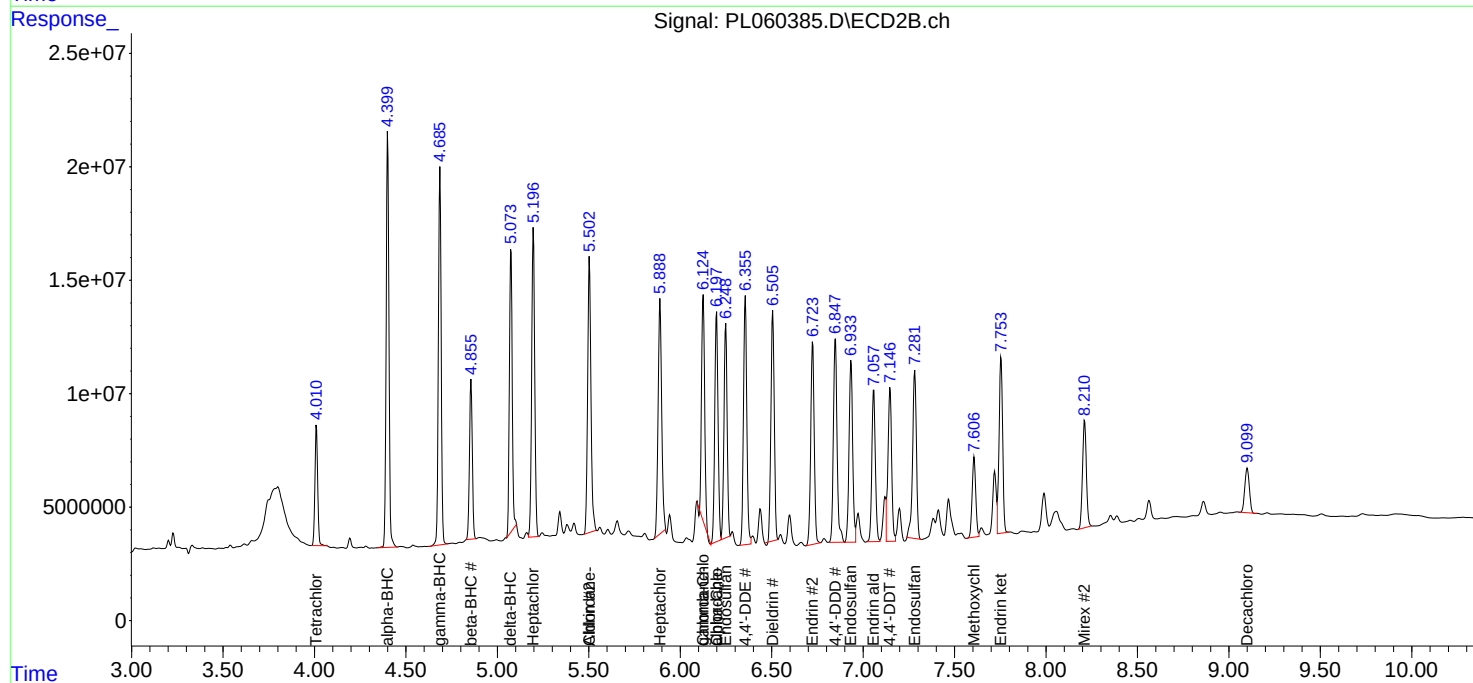
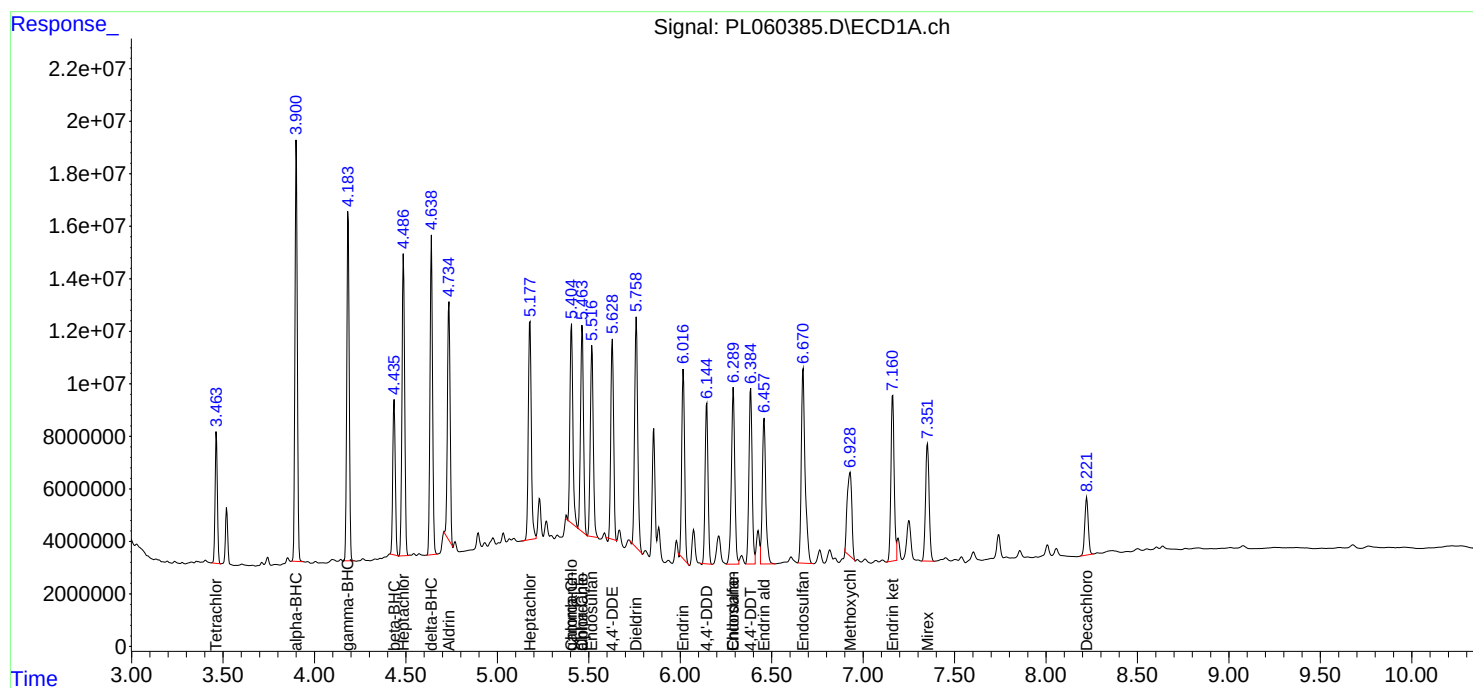
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

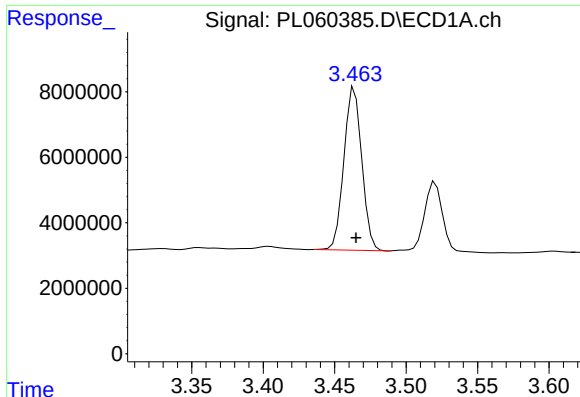
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073120\  
Data File : PL060385.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2020 13:49  
Operator : DD\AJ  
Sample : L3483-01MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 00:56:14 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 30 04:13:43 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

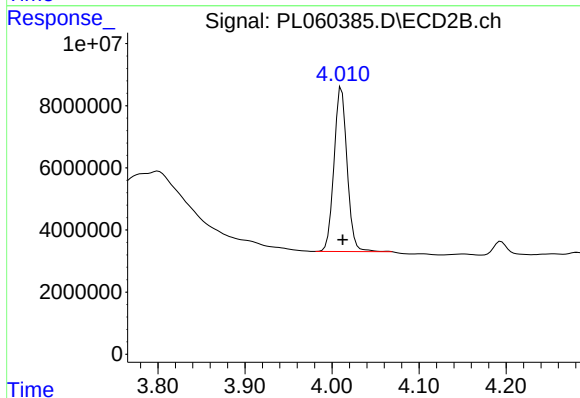




#1 Tetrachloro-m-xylene

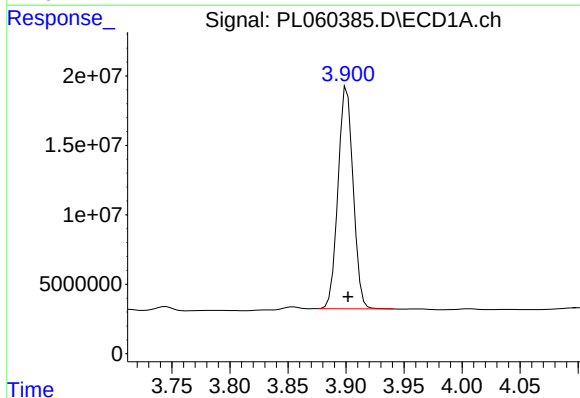
R.T.: 3.464 min  
Delta R.T.: -0.001 min  
Response: 43391287  
Conc: 21.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



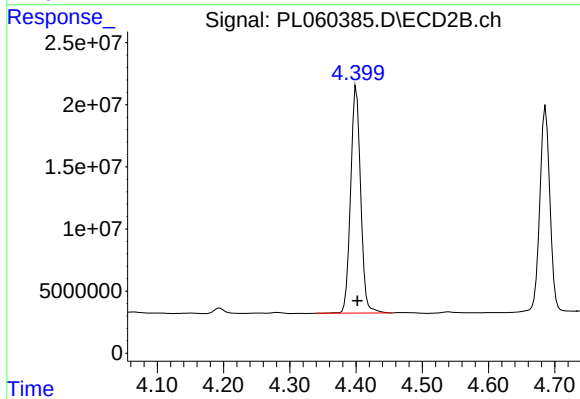
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.002 min  
Response: 55351549  
Conc: 21.16 ng/ml



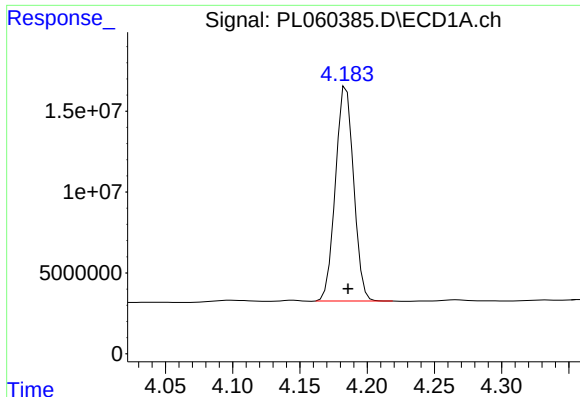
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 145249437  
Conc: 49.80 ng/ml



#2 alpha-BHC

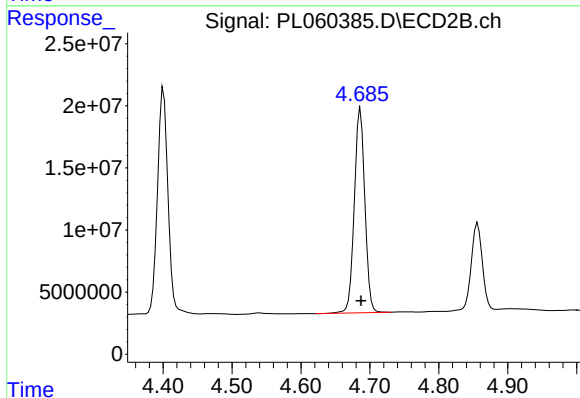
R.T.: 4.401 min  
Delta R.T.: -0.001 min  
Response: 192236489  
Conc: 50.22 ng/ml



#3 gamma-BHC (Lindane)

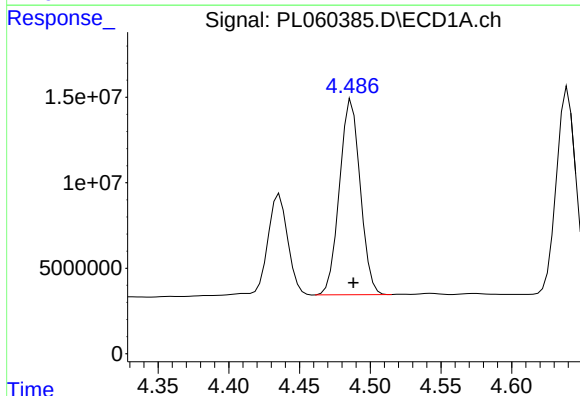
R.T.: 4.185 min  
Delta R.T.: -0.001 min  
Response: 124197945  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



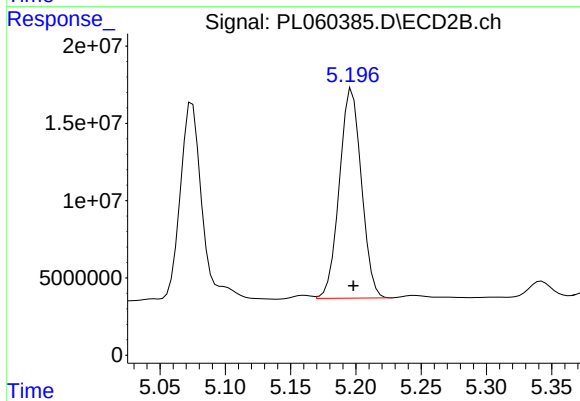
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 174826491  
Conc: 48.55 ng/ml



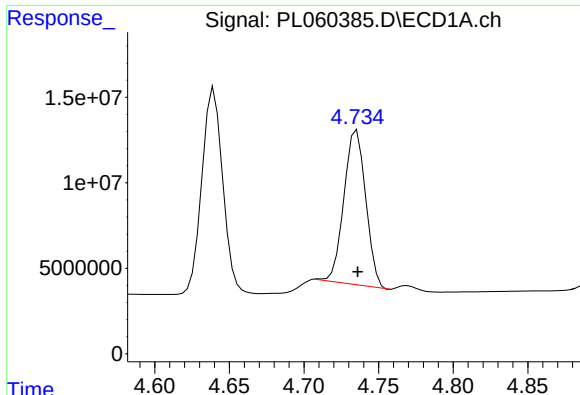
#4 Heptachlor

R.T.: 4.487 min  
Delta R.T.: 0.000 min  
Response: 116724108  
Conc: 50.09 ng/ml



#4 Heptachlor

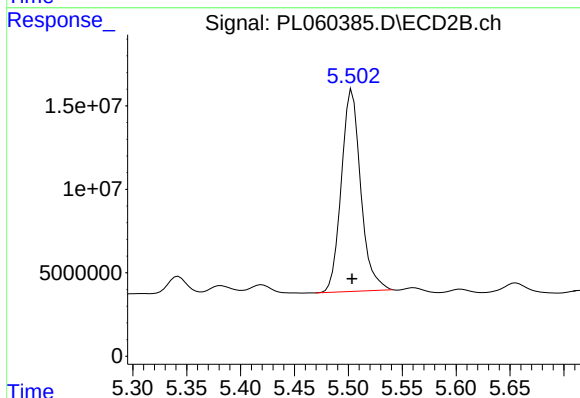
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 159209638  
Conc: 46.78 ng/ml



#5 Aldrin

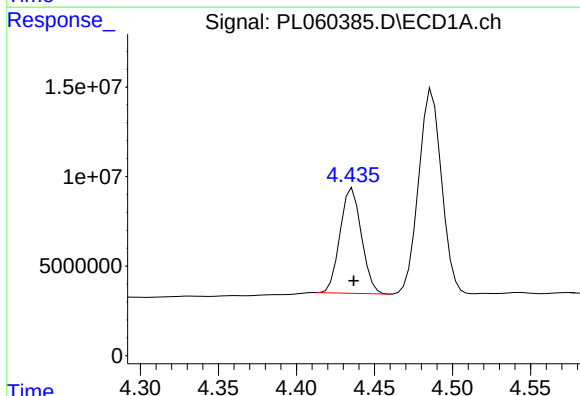
R.T.: 4.735 min  
Delta R.T.: 0.000 min  
Response: 92378092  
Conc: 46.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



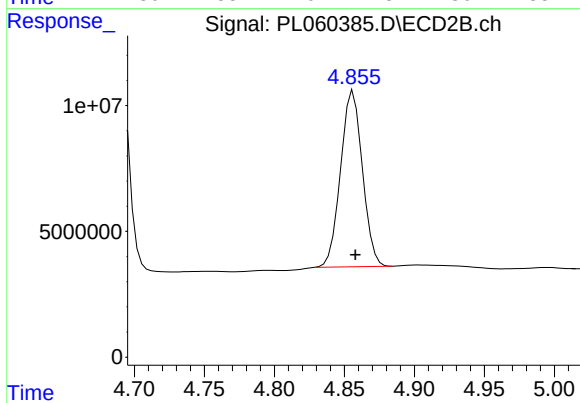
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 151581893  
Conc: 49.39 ng/ml



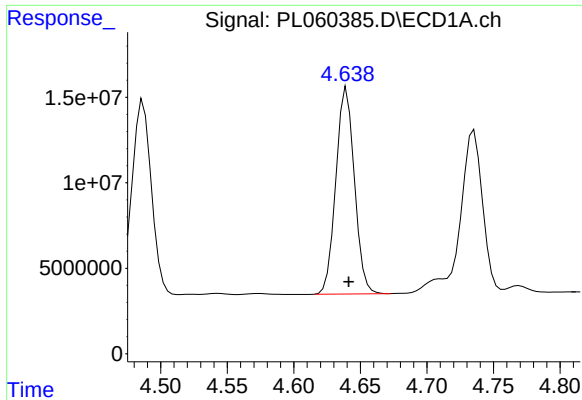
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 56122120  
Conc: 55.34 ng/ml



#6 beta-BHC

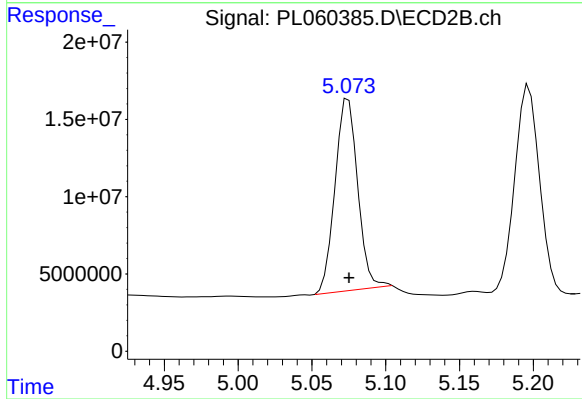
R.T.: 4.856 min  
Delta R.T.: -0.001 min  
Response: 75981083  
Conc: 50.53 ng/ml



#7 delta-BHC

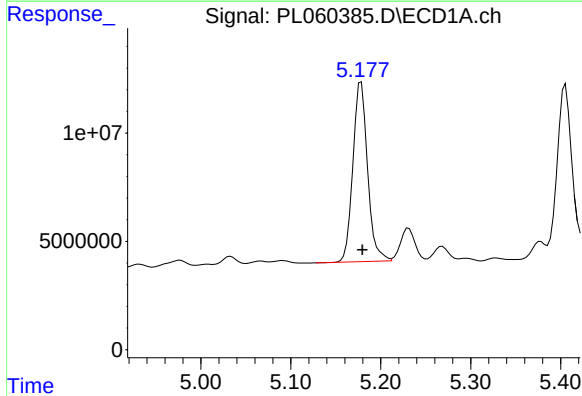
R.T.: 4.640 min  
Delta R.T.: -0.001 min  
Response: 117179900  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



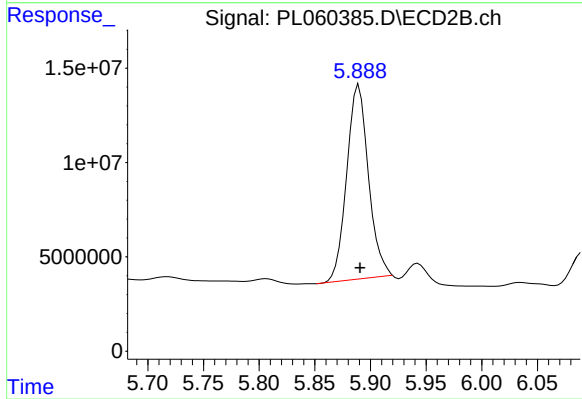
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 133538313  
Conc: 52.76 ng/ml



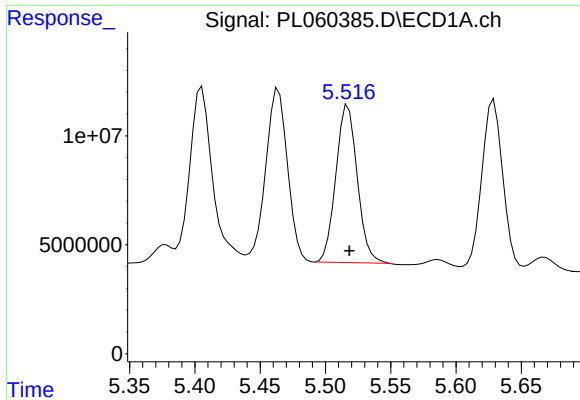
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: -0.001 min  
Response: 93788745  
Conc: 49.47 ng/ml



#8 Heptachlor epoxide

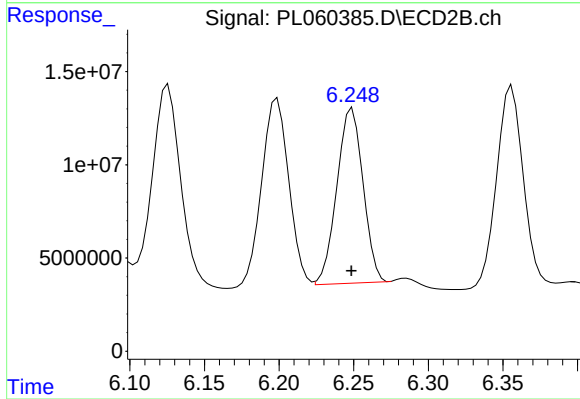
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 140139512  
Conc: 57.84 ng/ml



#9 Endosulfan I

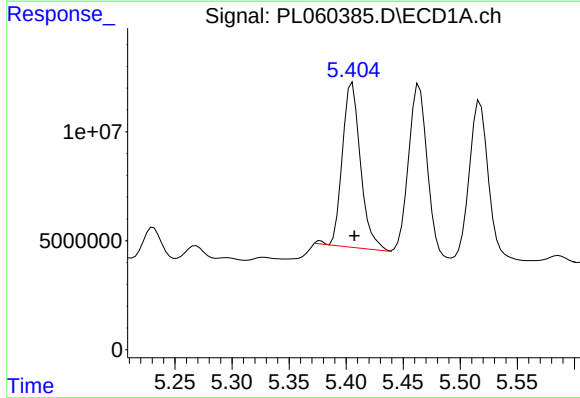
R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 81976676  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



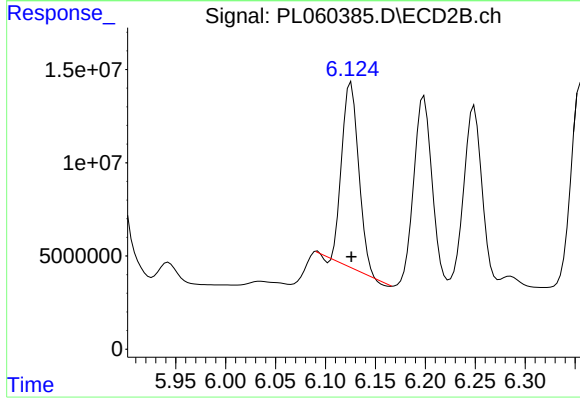
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 114760739  
Conc: 42.44 ng/ml



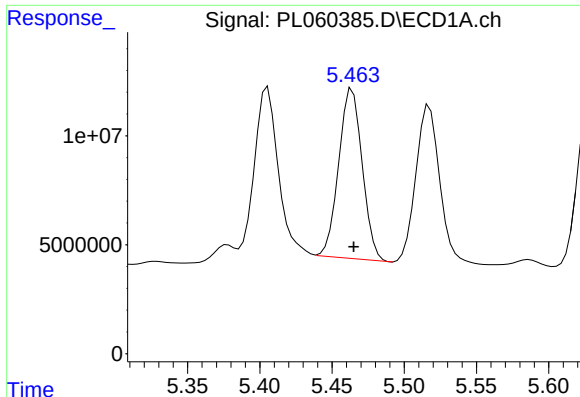
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: -0.002 min  
Response: 83985032  
Conc: 46.35 ng/ml



#10 gamma-Chlordane

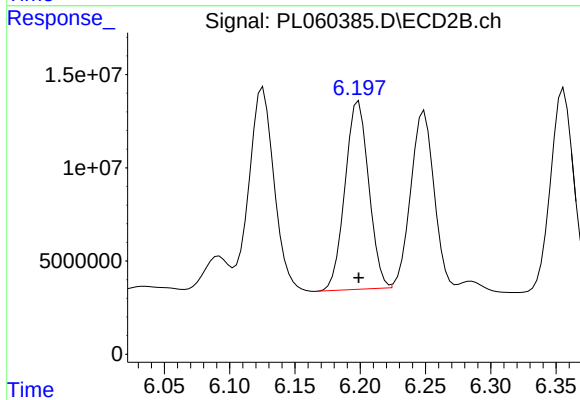
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 117019327  
Conc: 41.39 ng/ml



#11 alpha-Chlordane

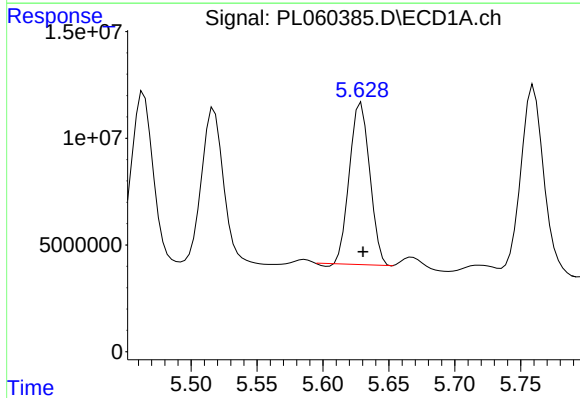
R.T.: 5.464 min  
Delta R.T.: -0.001 min  
Response: 88206172  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



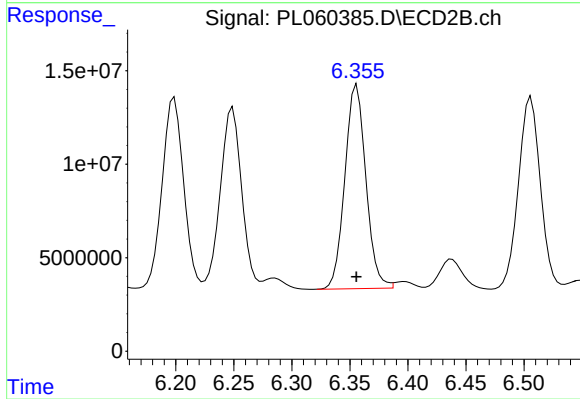
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 127577319  
Conc: 43.70 ng/ml



#12 4,4'-DDE

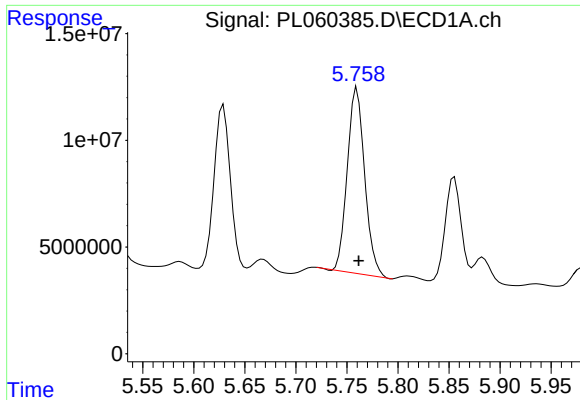
R.T.: 5.629 min  
Delta R.T.: -0.001 min  
Response: 80921976  
Conc: 48.00 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 137657415  
Conc: 52.04 ng/ml

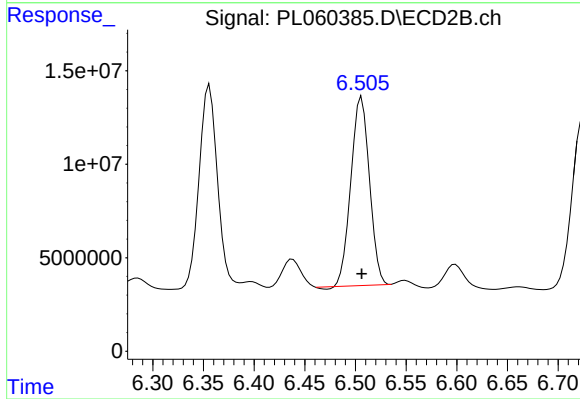




#13 Dieldrin

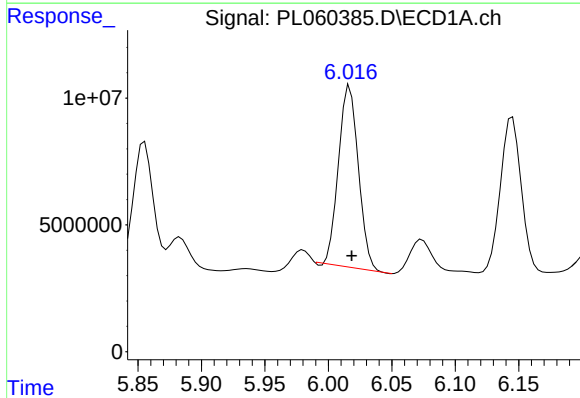
R.T.: 5.760 min  
Delta R.T.: -0.002 min  
Response: 103320529  
Conc: 58.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



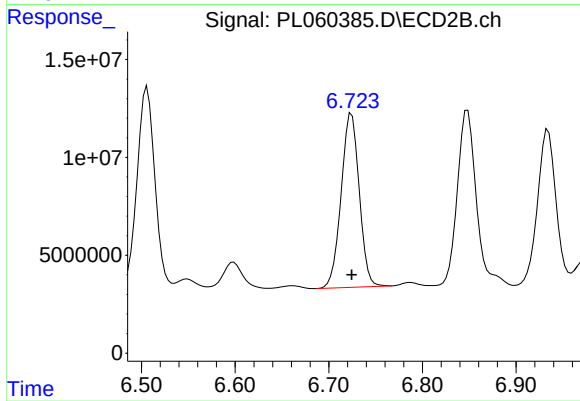
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 128347758  
Conc: 46.81 ng/ml



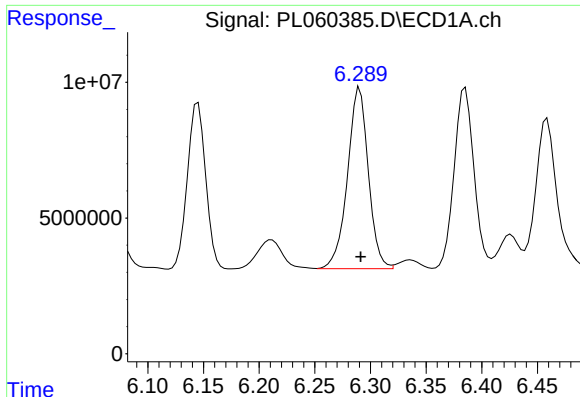
#14 Endrin

R.T.: 6.017 min  
Delta R.T.: -0.001 min  
Response: 77313458  
Conc: 46.38 ng/ml



#14 Endrin

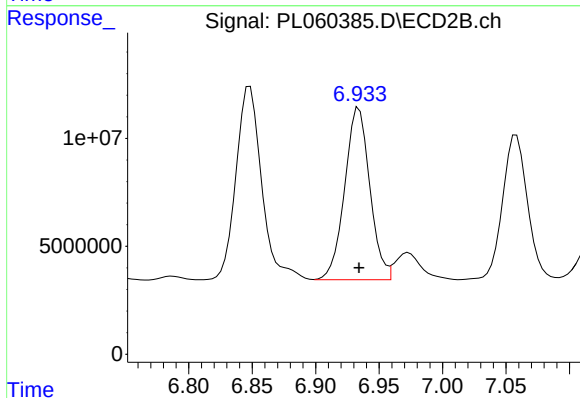
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 119436088  
Conc: 51.00 ng/ml



#15 Endosulfan II

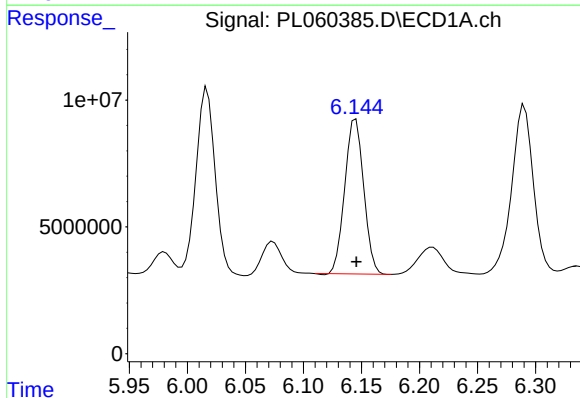
R.T.: 6.290 min  
Delta R.T.: 0.000 min  
Response: 87054223  
Conc: 51.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



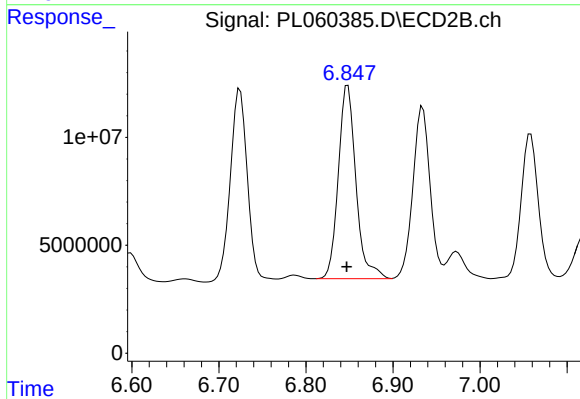
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 109677200  
Conc: 45.53 ng/ml



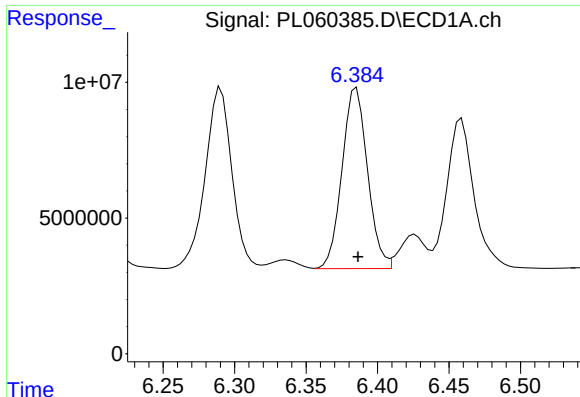
#16 4,4'-DDD

R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 69260910  
Conc: 47.93 ng/ml



#16 4,4'-DDD

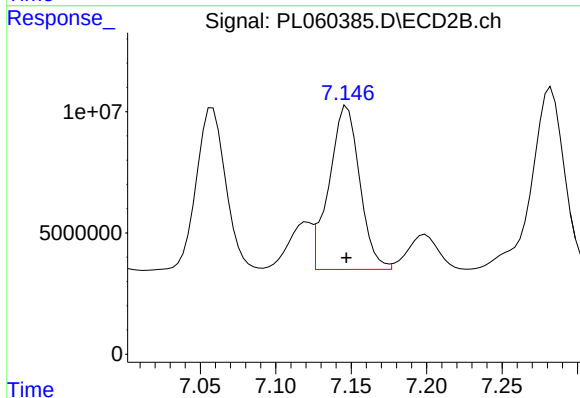
R.T.: 6.848 min  
Delta R.T.: 0.001 min  
Response: 126065135  
Conc: 60.52 ng/ml



#17 4,4'-DDT

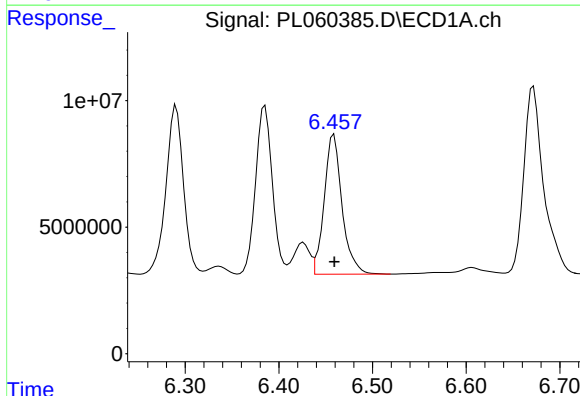
R.T.: 6.385 min  
Delta R.T.: -0.001 min  
Response: 82639017  
Conc: 60.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



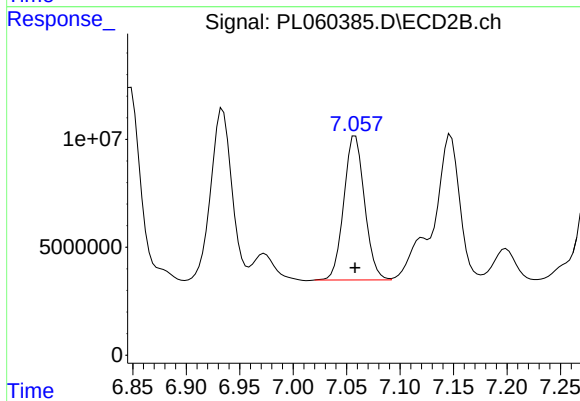
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 95331430  
Conc: 47.14 ng/ml



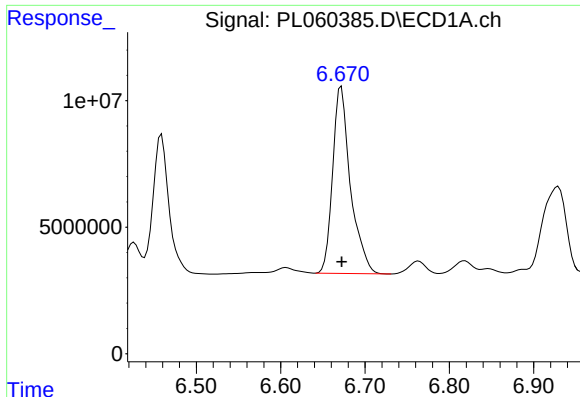
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 73181926  
Conc: 50.94 ng/ml



#18 Endrin aldehyde

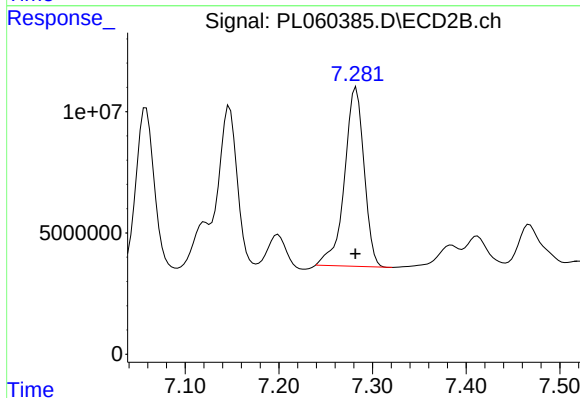
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 90213657  
Conc: 45.02 ng/ml



#19 Endosulfan Sulfate

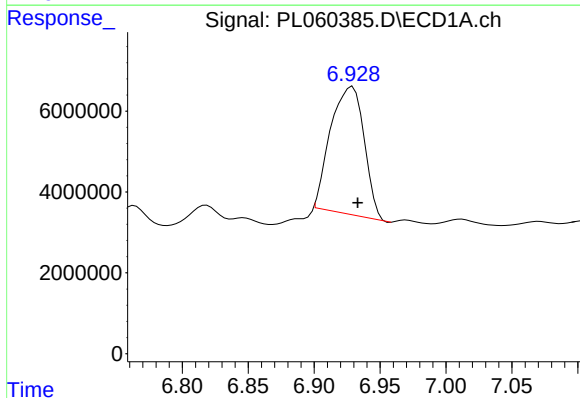
R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 108322991  
Conc: 67.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



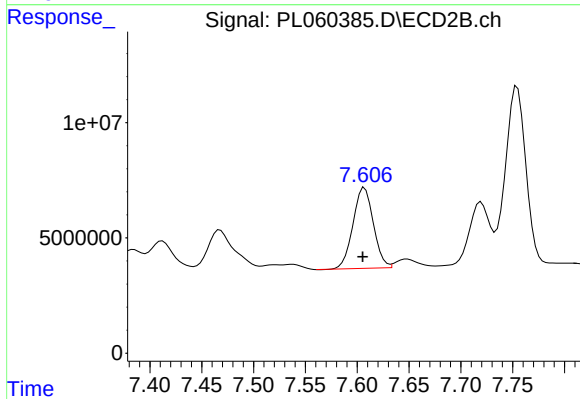
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 107164586  
Conc: 48.75 ng/ml



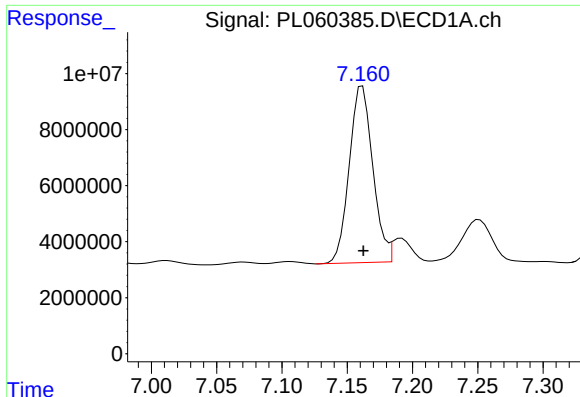
#20 Methoxychlor

R.T.: 6.929 min  
Delta R.T.: -0.004 min  
Response: 55717835  
Conc: 68.11 ng/ml



#20 Methoxychlor

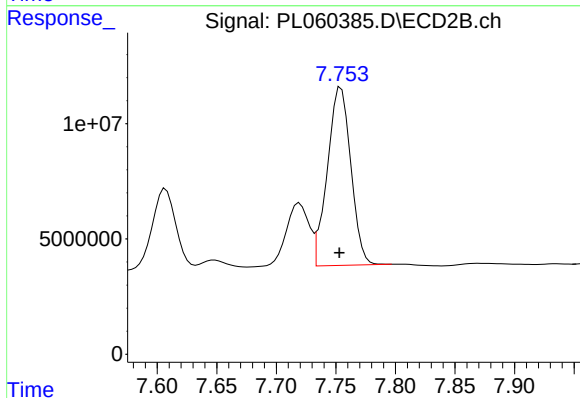
R.T.: 7.607 min  
Delta R.T.: 0.002 min  
Response: 47881143  
Conc: 41.58 ng/ml



#21 Endrin ketone

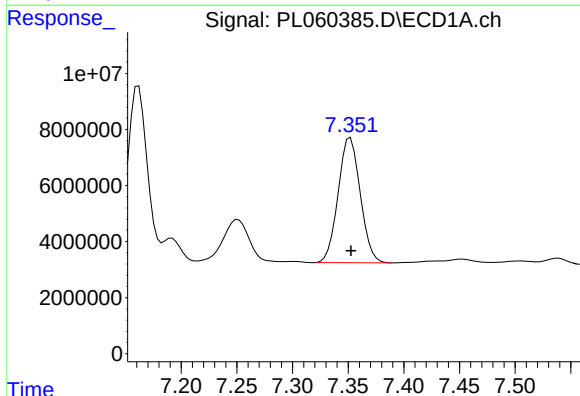
R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 79062877  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



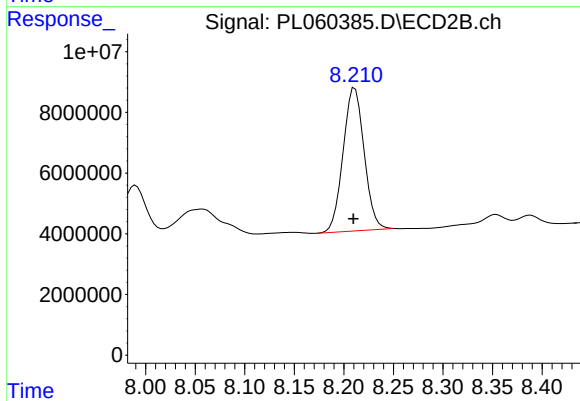
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.001 min  
Response: 105975095  
Conc: 48.09 ng/ml



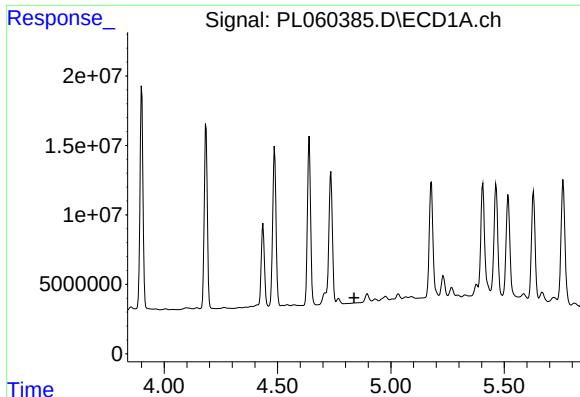
#22 Mirex

R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 61739845  
Conc: 45.22 ng/ml



#22 Mirex

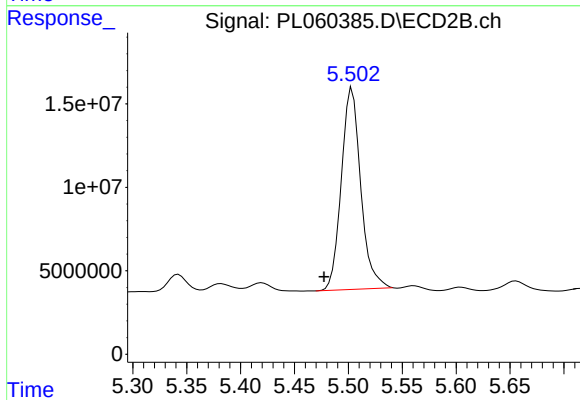
R.T.: 8.211 min  
Delta R.T.: 0.002 min  
Response: 69763807  
Conc: 44.55 ng/ml



#24 Chlordane-2

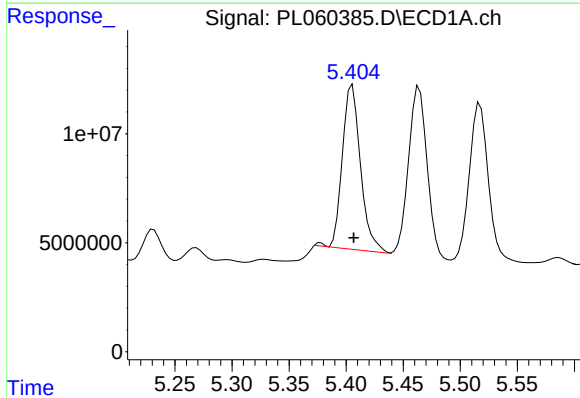
R.T.: 0.000 min  
Exp R.T.: 4.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



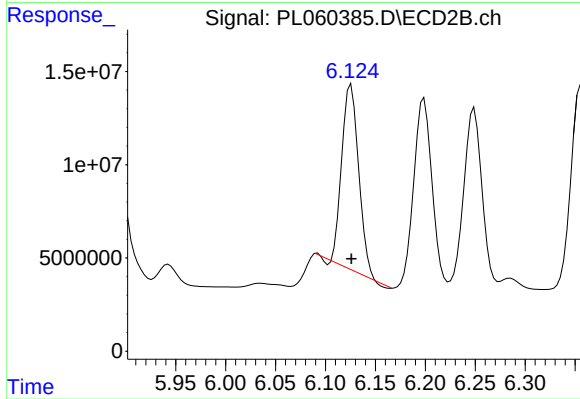
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.026 min  
Response: 151581893  
Conc: 1489.65 ng/ml



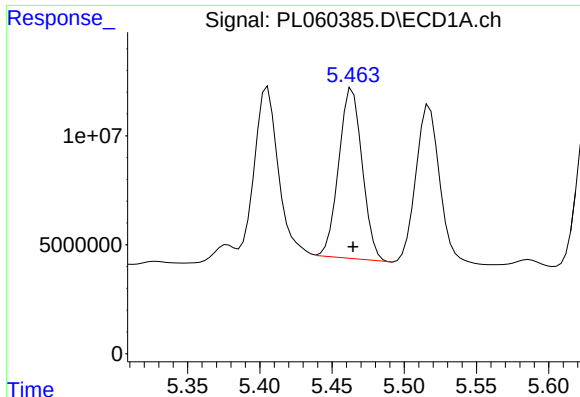
#25 Chlordane-3

R.T.: 5.405 min  
Delta R.T.: -0.001 min  
Response: 83985032  
Conc: 502.41 ng/ml



#25 Chlordane-3

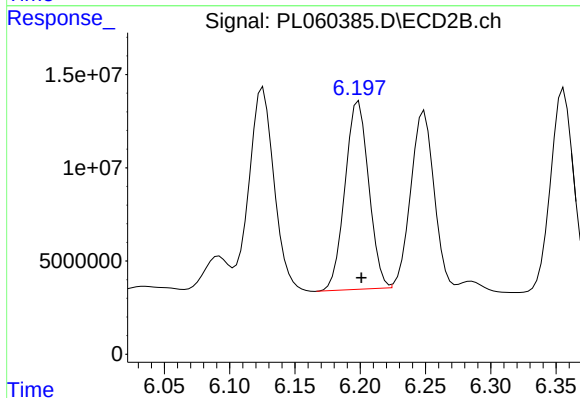
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 117019327  
Conc: 318.03 ng/ml



#26 Chlordane-4

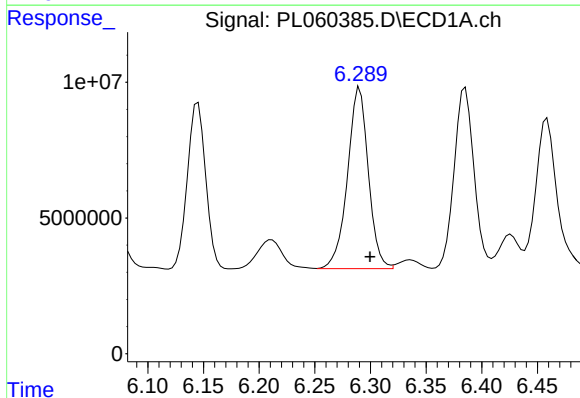
R.T.: 5.464 min  
Delta R.T.: 0.000 min  
Response: 88206172  
Conc: 640.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



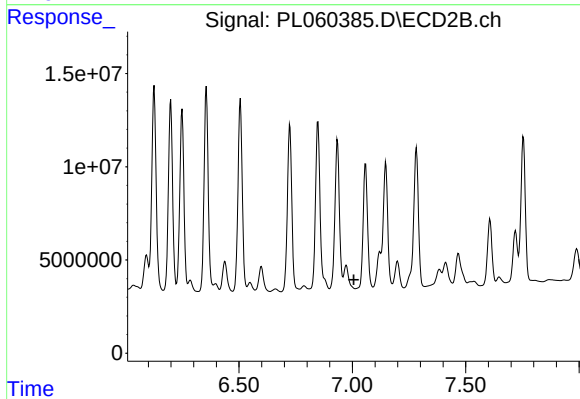
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 127577319  
Conc: 279.45 ng/ml



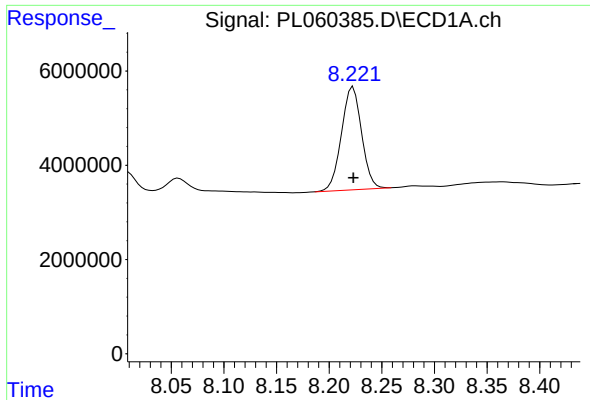
#27 Chlordane-5

R.T.: 6.290 min  
Delta R.T.: -0.009 min  
Response: 87054223  
Conc: 1538.62 ng/ml



#27 Chlordane-5

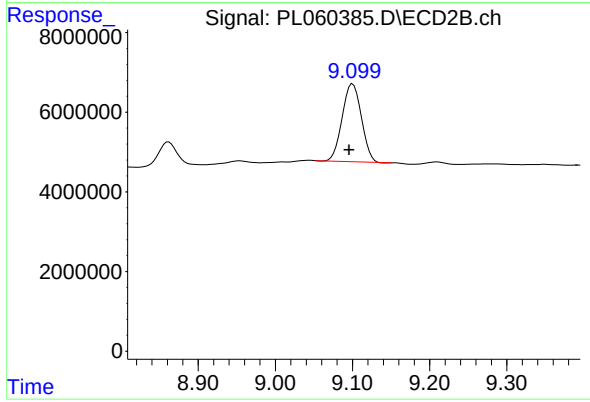
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 29147919  
Conc: 19.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-1MSD



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.005 min  
Response: 33636658  
Conc: 18.70 ng/ml