

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122122\  
 Data File : PL079824.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2022 12:13  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 21:26:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122022.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 21 10:00:39 2022  
 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... | 3.315  | 2.562 | 112.7E6  | 133.3E6  | 51.287   | 50.204    |
| 2)                          | SA Decachlor... | 8.762  | 7.626 | 93540995 | 113.3E6  | 50.433   | 47.212    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.776  | 3.048 | 175.1E6  | 214.6E6  | 51.935   | 49.649    |
| 3)                          | MA gamma-BHC... | 4.109  | 3.369 | 163.8E6  | 196.3E6  | 51.268   | 50.129    |
| 4)                          | MA Heptachlor   | 4.679  | 3.695 | 166.2E6  | 197.7E6  | 50.920   | 48.705    |
| 5)                          | MB Aldrin       | 5.017  | 3.967 | 152.4E6  | 185.9E6  | 50.529   | 48.496    |
| 6)                          | B beta-BHC      | 4.325  | 3.671 | 69705301 | 73470232 | 50.883   | 48.447    |
| 7)                          | B delta-BHC     | 4.565  | 3.889 | 146.0E6  | 197.9E6  | 54.357   | 49.726    |
| 8)                          | B Heptachlo...  | 5.450  | 4.464 | 140.4E6  | 167.9E6  | 53.025   | 48.126    |
| 9)                          | A Endosulfan I  | 5.834  | 4.826 | 131.7E6  | 159.5E6  | 50.714   | 47.603    |
| 10)                         | B gamma-Chl...  | 5.705  | 4.711 | 141.9E6  | 168.8E6  | 51.111   | 48.335    |
| 11)                         | B alpha-Chl...  | 5.782  | 4.773 | 141.0E6  | 165.2E6  | 50.679   | 48.088    |
| 12)                         | B 4,4'-DDE      | 5.966  | 4.968 | 123.6E6  | 156.5E6  | 51.260   | 48.667    |
| 13)                         | MA Dieldrin     | 6.111  | 5.088 | 134.2E6  | 170.1E6  | 50.867   | 49.146    |
| 14)                         | MA Endrin       | 6.342  | 5.358 | 118.5E6  | 144.9E6  | 50.676   | 50.979    |
| 15)                         | B Endosulfa...  | 6.572  | 5.654 | 113.2E6  | 137.3E6  | 46.461   | 46.618    |
| 16)                         | A 4,4'-DDD      | 6.490  | 5.519 | 101.6E6  | 128.4E6  | 51.821   | 50.394    |
| 17)                         | MA 4,4'-DDT     | 6.799  | 5.765 | 110.0E6  | 130.6E6  | 49.154   | 48.206    |
| 18)                         | B Endrin al...  | 6.703  | 5.833 | 90358129 | 106.0E6  | 50.789   | 47.230    |
| 19)                         | B Endosulfa...  | 6.937  | 6.055 | 115.5E6  | 138.9E6  | 50.354   | 47.879    |
| 20)                         | A Methoxychlor  | 7.285  | 6.341 | 58538518 | 67669504 | 49.663   | 47.720    |
| 21)                         | B Endrin ke...  | 7.422  | 6.551 | 126.0E6  | 155.1E6  | 51.609   | 48.553    |
| 22)                         | Mirex           | 7.878  | 6.723 | 95848724 | 115.4E6  | 50.016   | 47.255    |
| 24)                         | Chlordane-2     | 5.017f | 0.000 | 152.4E6  | 0        | 1503.759 | N.D. #    |
| 25)                         | Chlordane-3     | 5.705  | 4.711 | 141.9E6  | 168.8E6  | 361.051  | 500.206 # |
| 26)                         | Chlordane-4     | 5.782  | 4.773 | 141.0E6  | 165.2E6  | 293.680  | 454.360 # |
| 27)                         | Chlordane-5     | 0.000  | 5.438 | 0        | 87137    | N.D.     | 0.970 #   |
| -----                       |                 |        |       |          |          |          |           |

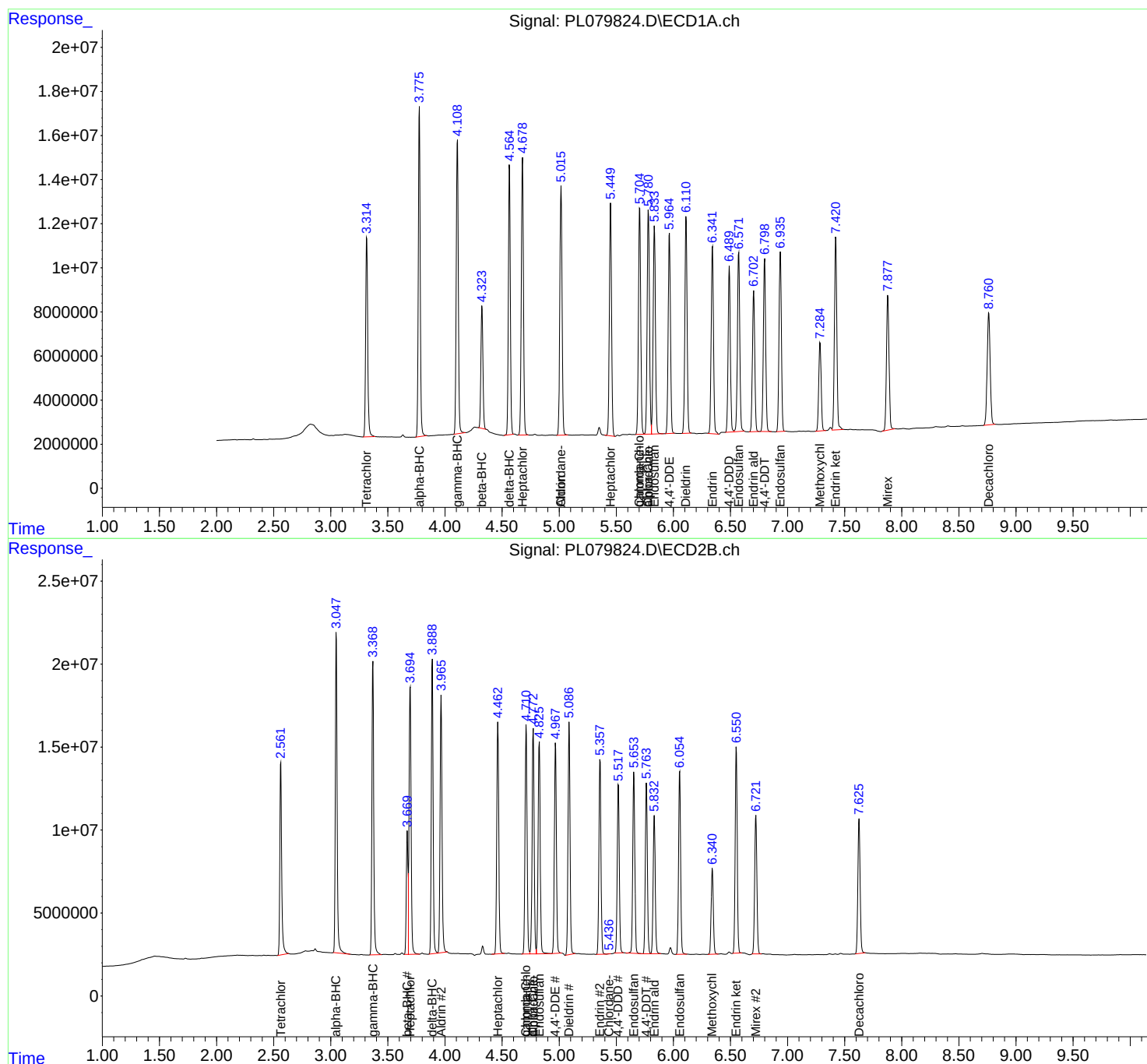
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

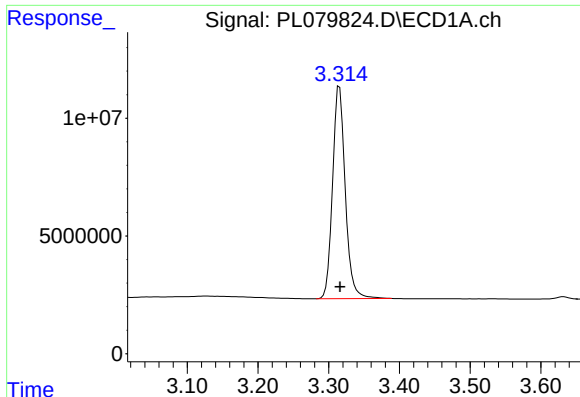
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122122\  
Data File : PL079824.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2022 12:13  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 21:26:41 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122022.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 21 10:00:39 2022  
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

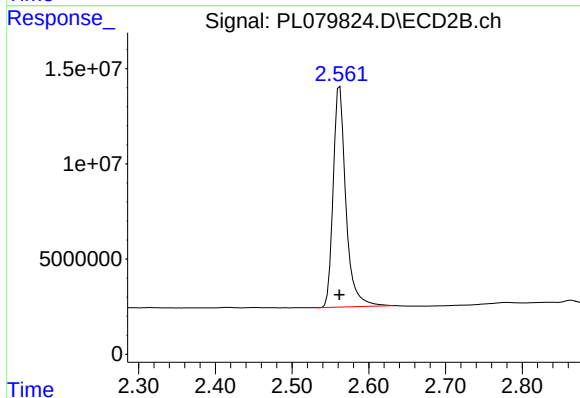




#1 Tetrachloro-m-xylene

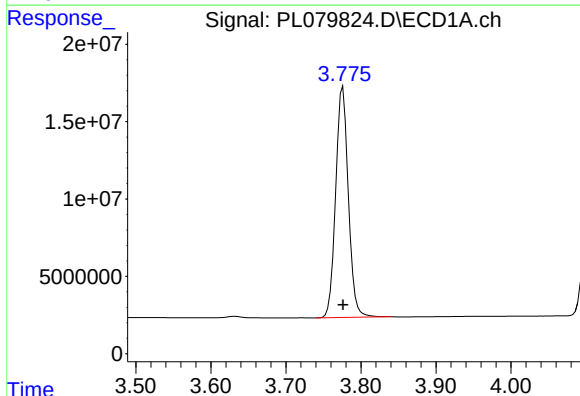
R.T.: 3.315 min  
Delta R.T.: 0.000 min  
Response: 112710677  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



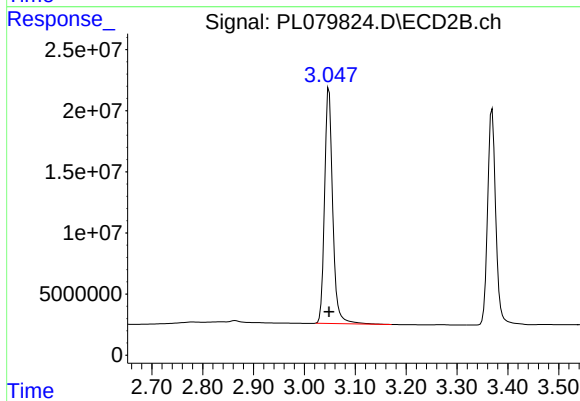
#1 Tetrachloro-m-xylene

R.T.: 2.562 min  
Delta R.T.: 0.000 min  
Response: 133268164  
Conc: 50.20 ng/ml



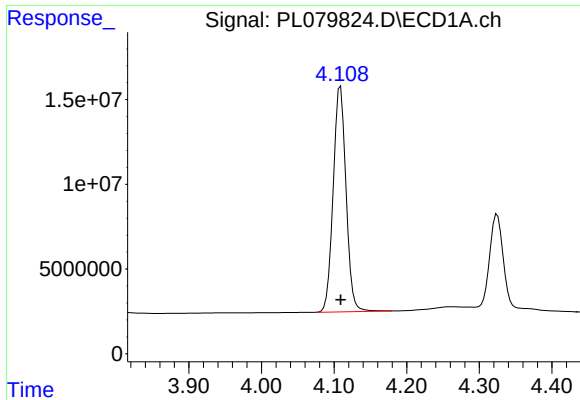
#2 alpha-BHC

R.T.: 3.776 min  
Delta R.T.: 0.000 min  
Response: 175083112  
Conc: 51.93 ng/ml



#2 alpha-BHC

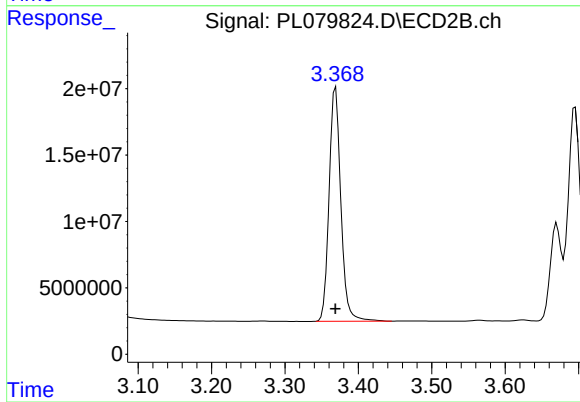
R.T.: 3.048 min  
Delta R.T.: 0.000 min  
Response: 214573271  
Conc: 49.65 ng/ml



#3 gamma-BHC (Lindane)

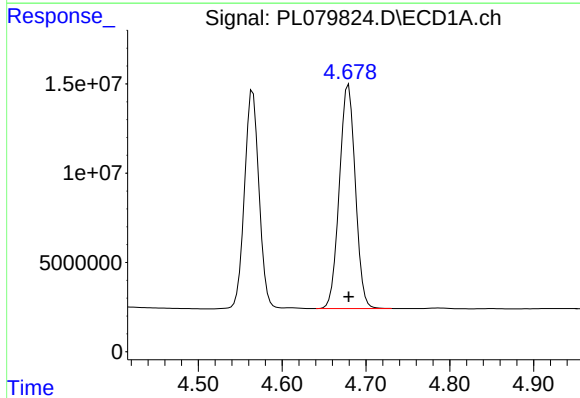
R.T.: 4.109 min  
Delta R.T.: 0.000 min  
Response: 163808856  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



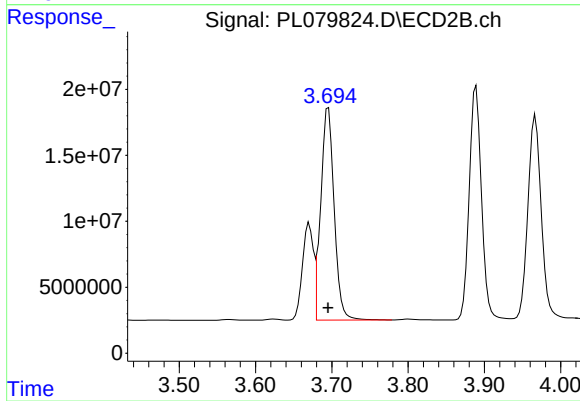
#3 gamma-BHC (Lindane)

R.T.: 3.369 min  
Delta R.T.: 0.000 min  
Response: 196331067  
Conc: 50.13 ng/ml



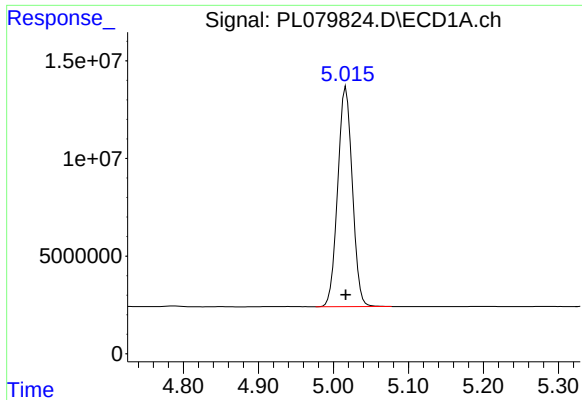
#4 Heptachlor

R.T.: 4.679 min  
Delta R.T.: 0.000 min  
Response: 166156589  
Conc: 50.92 ng/ml



#4 Heptachlor

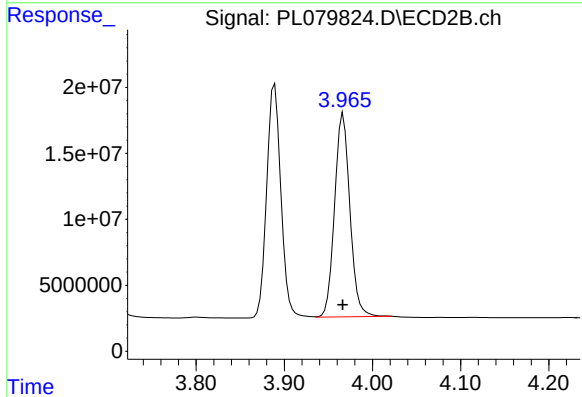
R.T.: 3.695 min  
Delta R.T.: 0.000 min  
Response: 197706629  
Conc: 48.71 ng/ml



#5 Aldrin

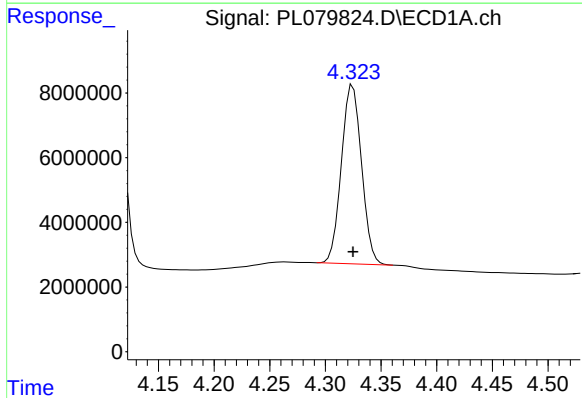
R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 152364628  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



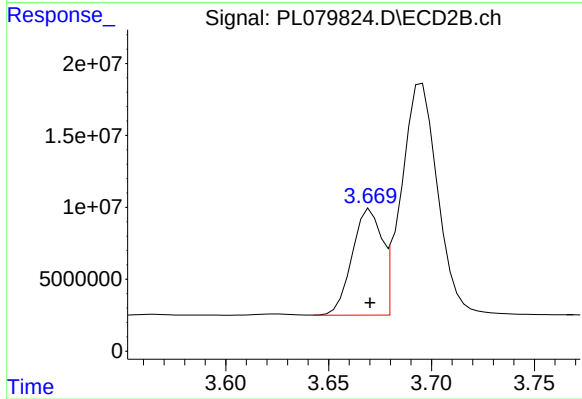
#5 Aldrin

R.T.: 3.967 min  
Delta R.T.: 0.000 min  
Response: 185893682  
Conc: 48.50 ng/ml



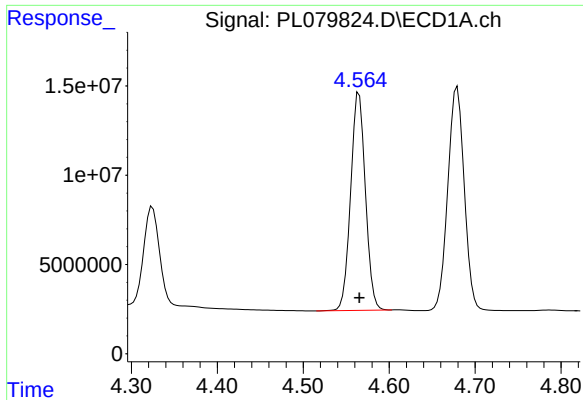
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 69705301  
Conc: 50.88 ng/ml



#6 beta-BHC

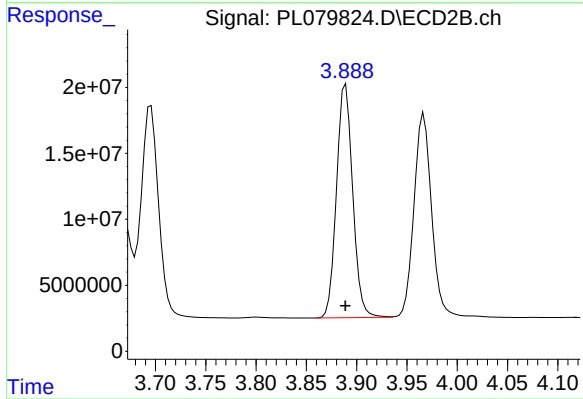
R.T.: 3.671 min  
Delta R.T.: 0.000 min  
Response: 73470232  
Conc: 48.45 ng/ml



#7 delta-BHC

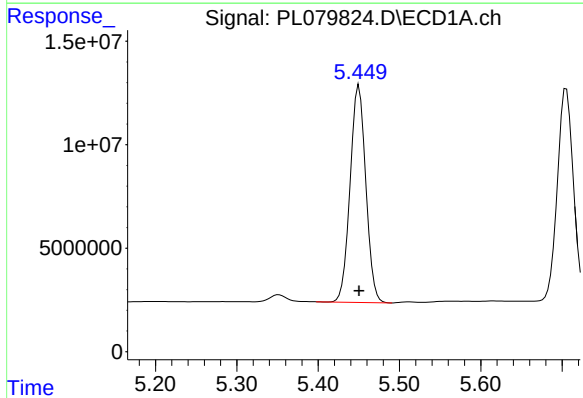
R.T.: 4.565 min  
Delta R.T.: 0.000 min  
Response: 145978267  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



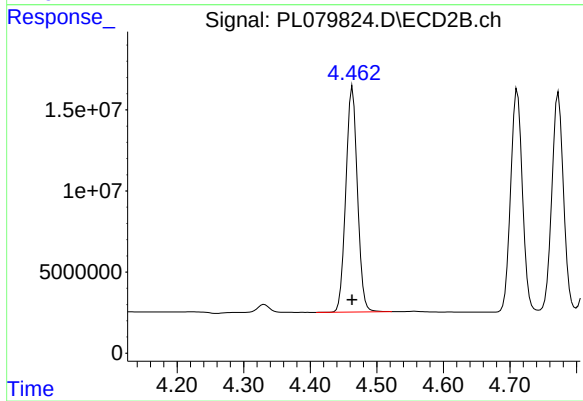
#7 delta-BHC

R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 197907043  
Conc: 49.73 ng/ml



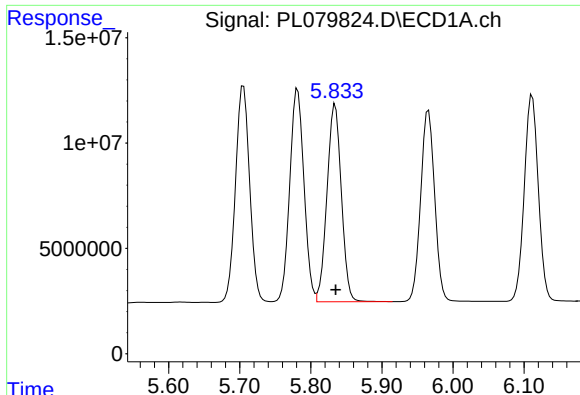
#8 Heptachlor epoxide

R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 140386473  
Conc: 53.02 ng/ml



#8 Heptachlor epoxide

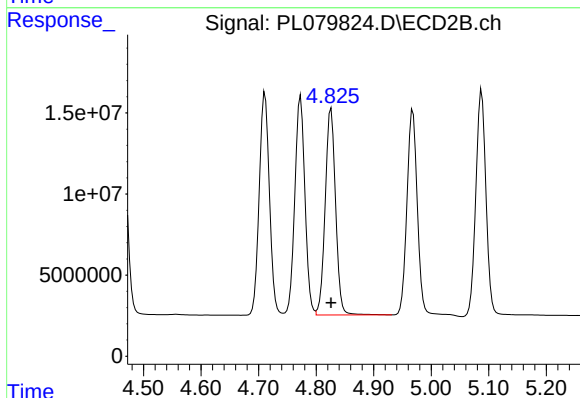
R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 167938210  
Conc: 48.13 ng/ml



#9 Endosulfan I

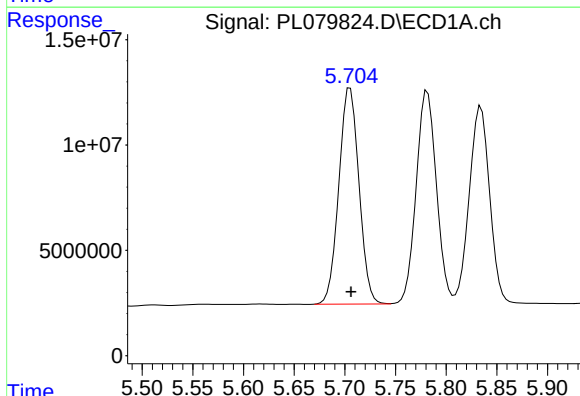
R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 131653039  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



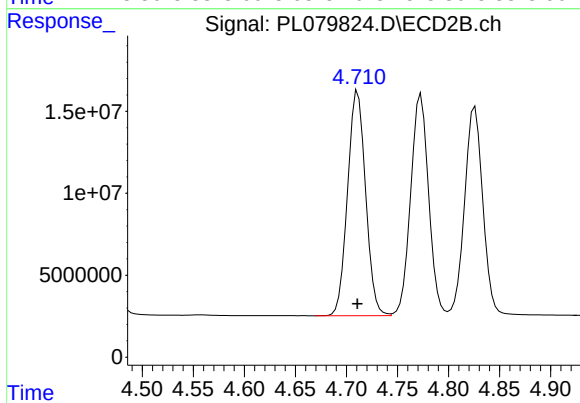
#9 Endosulfan I

R.T.: 4.826 min  
Delta R.T.: 0.000 min  
Response: 159537836  
Conc: 47.60 ng/ml



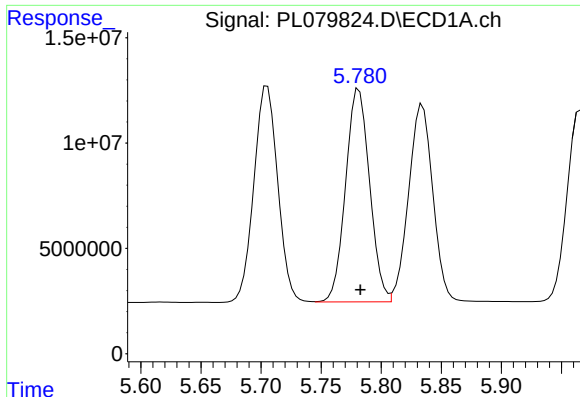
#10 gamma-Chlordane

R.T.: 5.705 min  
Delta R.T.: 0.000 min  
Response: 141893029  
Conc: 51.11 ng/ml



#10 gamma-Chlordane

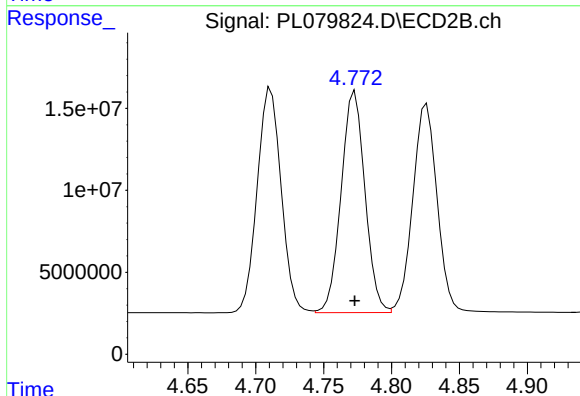
R.T.: 4.711 min  
Delta R.T.: 0.000 min  
Response: 168837294  
Conc: 48.34 ng/ml



#11 alpha-Chlordane

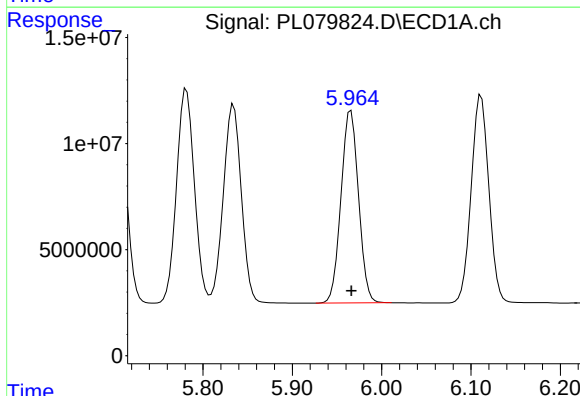
R.T.: 5.782 min  
Delta R.T.: -0.001 min  
Response: 140956914  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



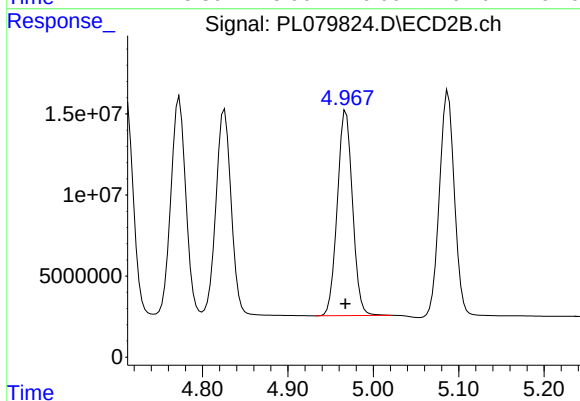
#11 alpha-Chlordane

R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 165166572  
Conc: 48.09 ng/ml



#12 4,4'-DDE

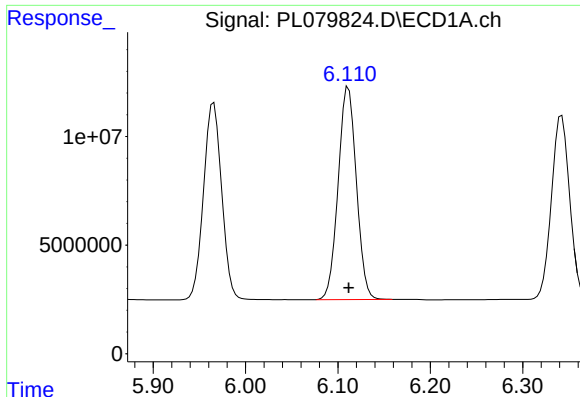
R.T.: 5.966 min  
Delta R.T.: 0.000 min  
Response: 123624988  
Conc: 51.26 ng/ml



#12 4,4'-DDE

R.T.: 4.968 min  
Delta R.T.: 0.000 min  
Response: 156481694  
Conc: 48.67 ng/ml

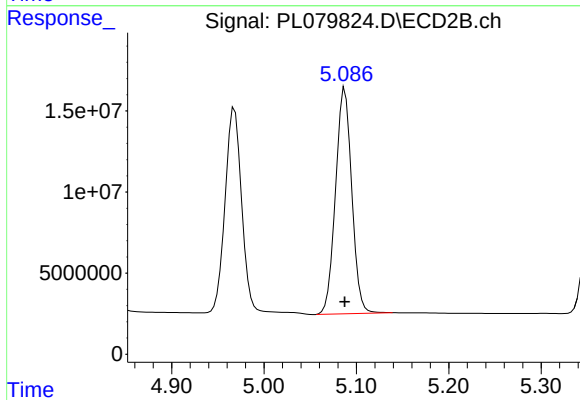




#13 Dieldrin

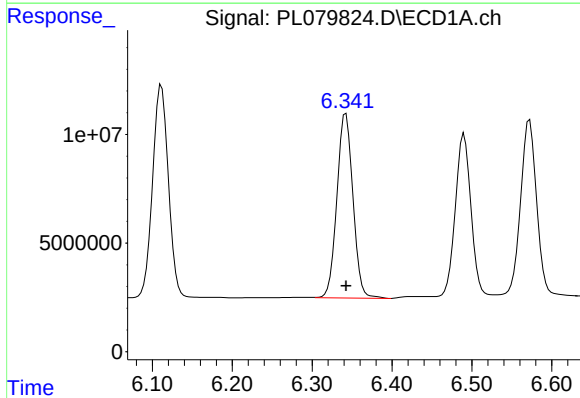
R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 134238967  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



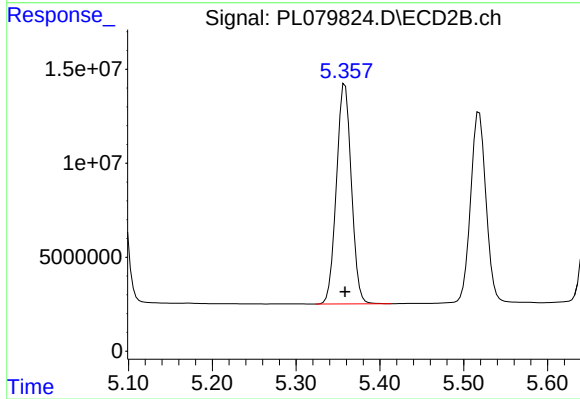
#13 Dieldrin

R.T.: 5.088 min  
Delta R.T.: 0.000 min  
Response: 170078618  
Conc: 49.15 ng/ml



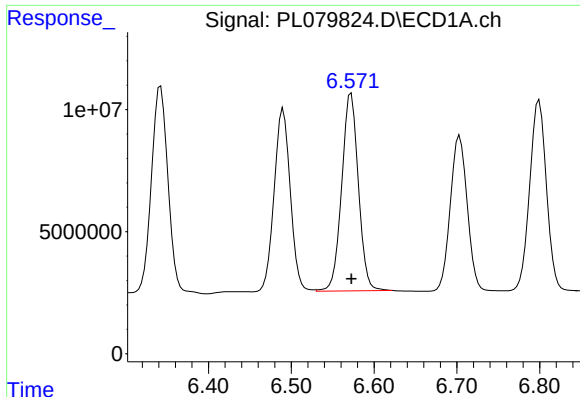
#14 Endrin

R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 118504390  
Conc: 50.68 ng/ml



#14 Endrin

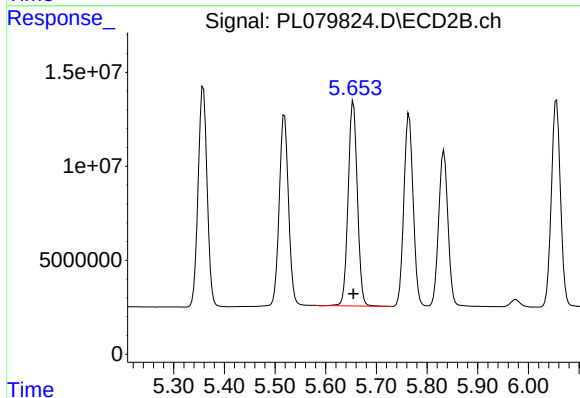
R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 144892148  
Conc: 50.98 ng/ml



#15 Endosulfan II

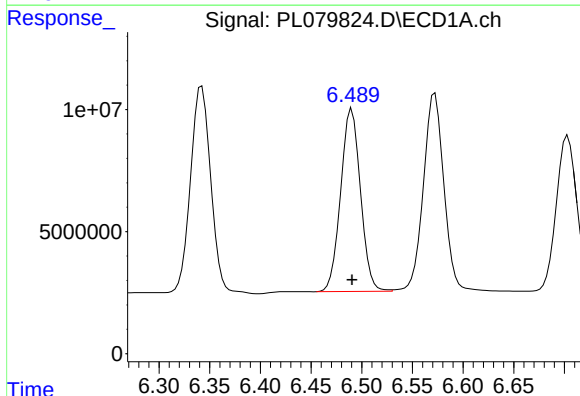
R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 113193328  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



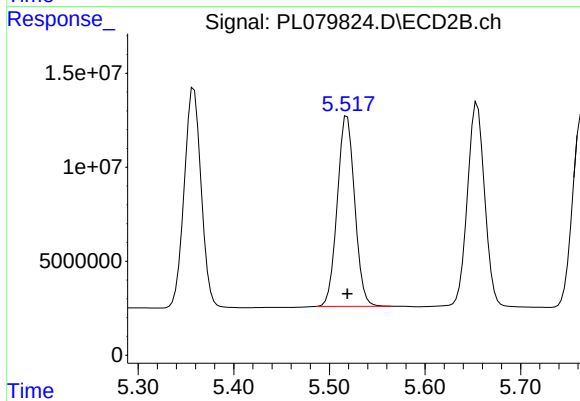
#15 Endosulfan II

R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 137299463  
Conc: 46.62 ng/ml



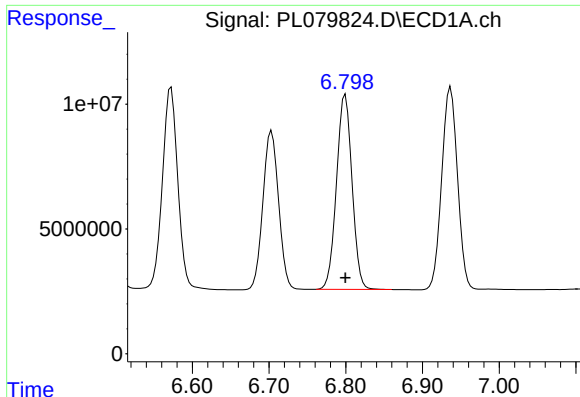
#16 4,4'-DDD

R.T.: 6.490 min  
Delta R.T.: 0.000 min  
Response: 101632964  
Conc: 51.82 ng/ml



#16 4,4'-DDD

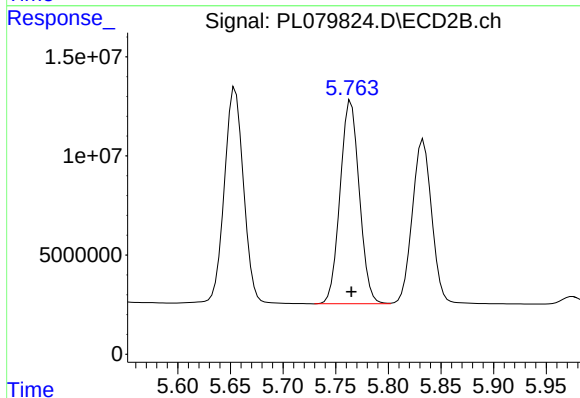
R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 128372399  
Conc: 50.39 ng/ml



#17 4,4'-DDT

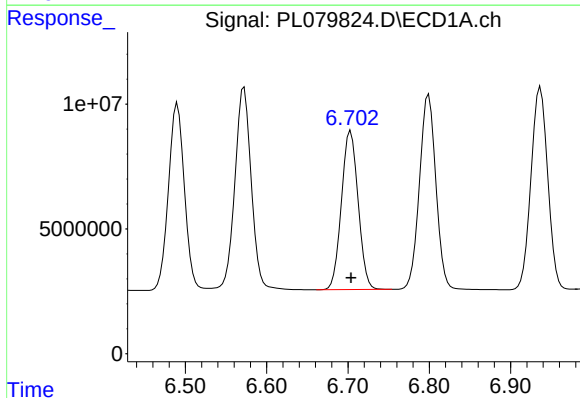
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 110042633  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



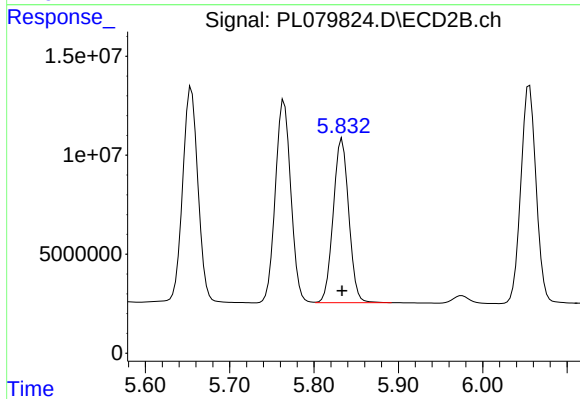
#17 4,4'-DDT

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 130596230  
Conc: 48.21 ng/ml



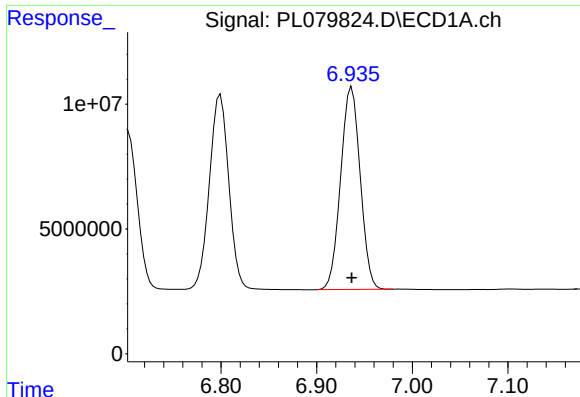
#18 Endrin aldehyde

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 90358129  
Conc: 50.79 ng/ml



#18 Endrin aldehyde

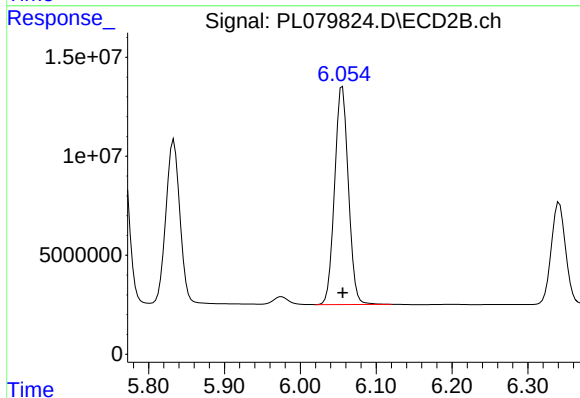
R.T.: 5.833 min  
Delta R.T.: 0.000 min  
Response: 105964139  
Conc: 47.23 ng/ml



#19 Endosulfan Sulfate

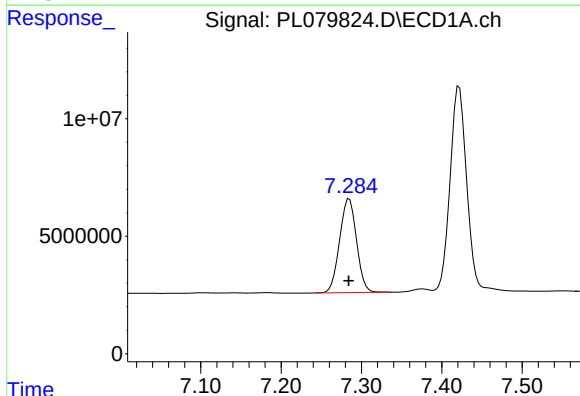
R.T.: 6.937 min  
Delta R.T.: 0.000 min  
Response: 115541752  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



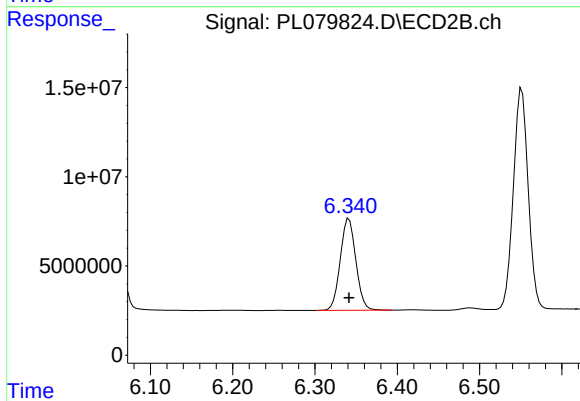
#19 Endosulfan Sulfate

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 138949259  
Conc: 47.88 ng/ml



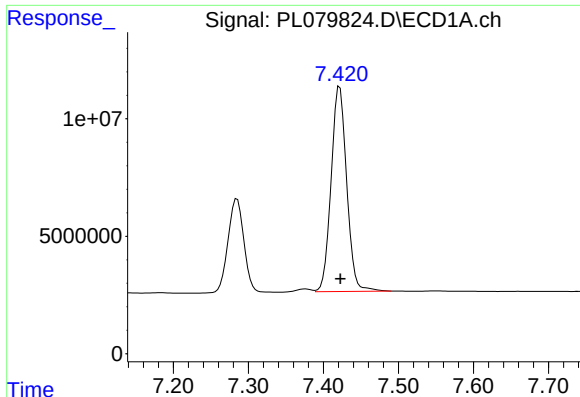
#20 Methoxychlor

R.T.: 7.285 min  
Delta R.T.: 0.000 min  
Response: 58538518  
Conc: 49.66 ng/ml



#20 Methoxychlor

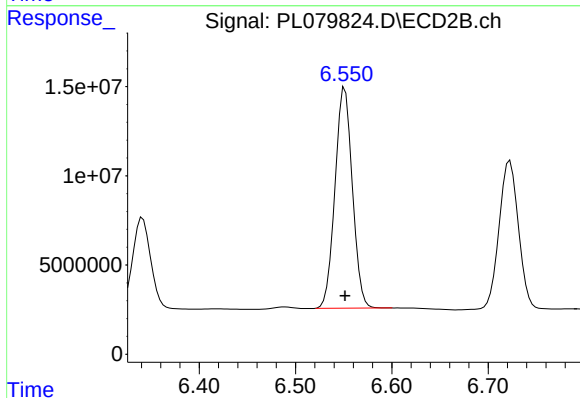
R.T.: 6.341 min  
Delta R.T.: 0.000 min  
Response: 67669504  
Conc: 47.72 ng/ml



#21 Endrin ketone

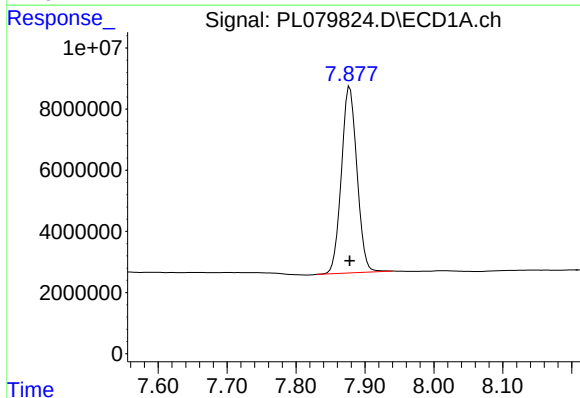
R.T.: 7.422 min  
Delta R.T.: 0.000 min  
Response: 126008713  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



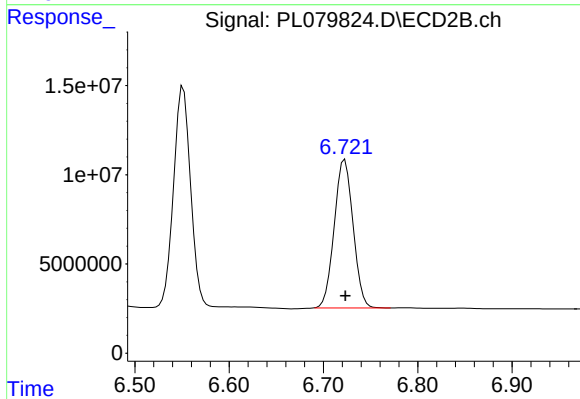
#21 Endrin ketone

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 155057905  
Conc: 48.55 ng/ml



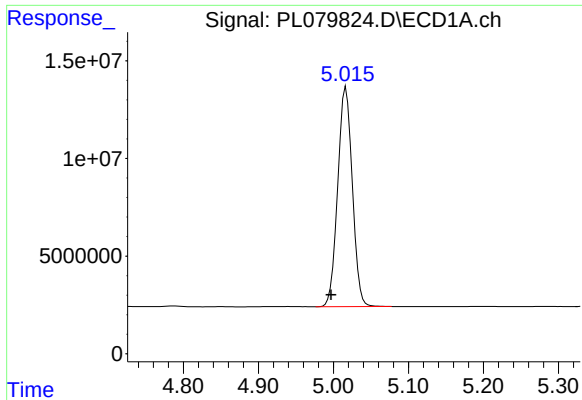
#22 Mirex

R.T.: 7.878 min  
Delta R.T.: 0.000 min  
Response: 95848724  
Conc: 50.02 ng/ml



#22 Mirex

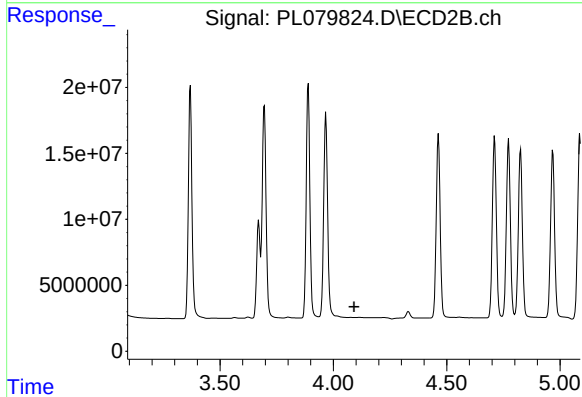
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 115402882  
Conc: 47.26 ng/ml



#24 Chlordane-2

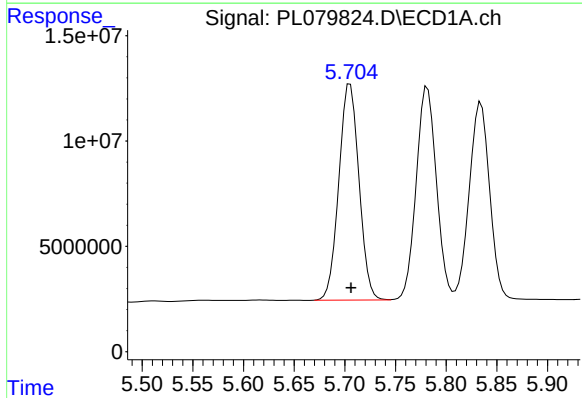
R.T.: 5.017 min  
Delta R.T.: 0.020 min  
Response: 152364628  
Conc: 1503.76 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



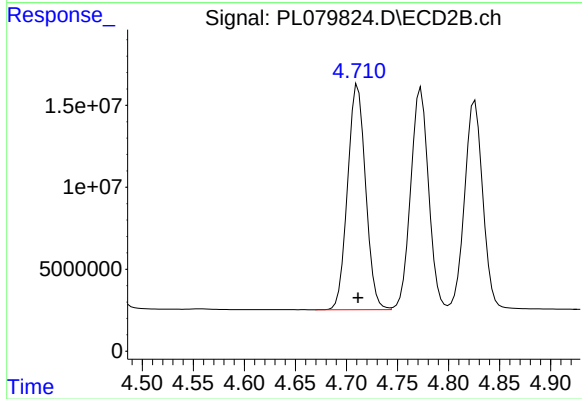
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.092 min  
Response: 0  
Conc: N.D.



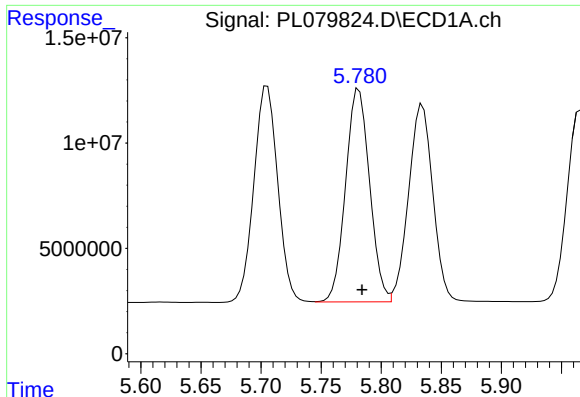
#25 Chlordane-3

R.T.: 5.705 min  
Delta R.T.: 0.000 min  
Response: 141893029  
Conc: 361.05 ng/ml



#25 Chlordane-3

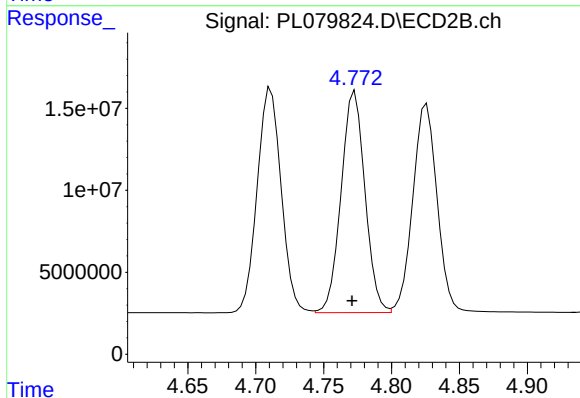
R.T.: 4.711 min  
Delta R.T.: 0.000 min  
Response: 168837294  
Conc: 500.21 ng/ml



#26 Chlordane-4

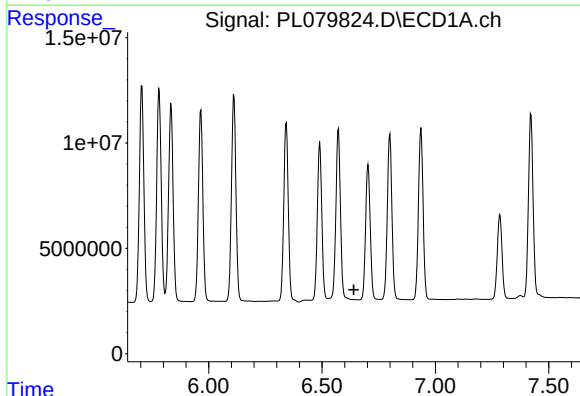
R.T.: 5.782 min  
Delta R.T.: -0.003 min  
Response: 140956914  
Conc: 293.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



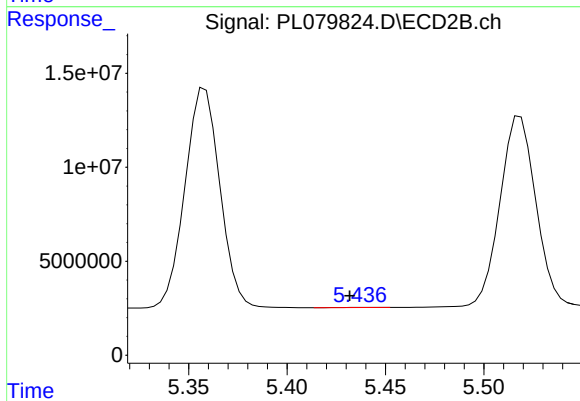
#26 Chlordane-4

R.T.: 4.773 min  
Delta R.T.: 0.002 min  
Response: 165166572  
Conc: 454.36 ng/ml



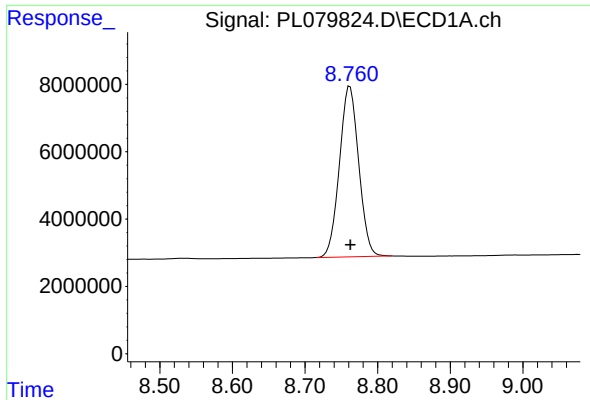
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.641 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

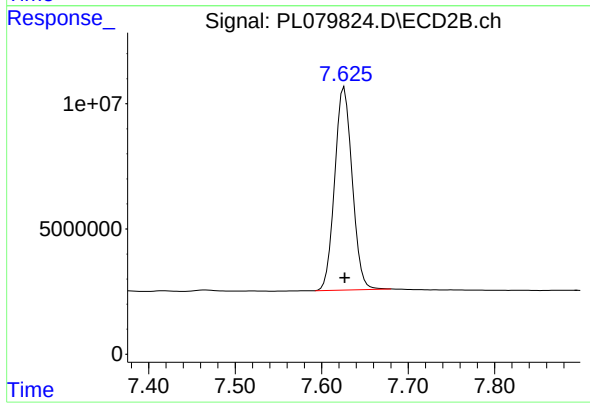
R.T.: 5.438 min  
Delta R.T.: 0.007 min  
Response: 87137  
Conc: 0.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.762 min  
Delta R.T.: 0.000 min  
Response: 93540995  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.626 min  
Delta R.T.: 0.000 min  
Response: 113332611  
Conc: 47.21 ng/ml