

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
 Data File : PL053821.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2019 10:28  
 Operator : SG\AJ  
 Sample : PB124298BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124298BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 09:13:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.549 | 4.044 | 214.0E6 | 53660392 | 19.741 | 21.444 |
| 2)                          | SA Decachlor... | 8.334 | 9.126 | 182.9E6 | 52085495 | 18.638 | 18.496 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.992 | 4.436 | 955.5E6 | 192.8E6  | 54.798 | 55.756 |
| 3)                          | MA gamma-BHC... | 4.279 | 4.722 | 873.4E6 | 181.6E6  | 56.079 | 56.393 |
| 4)                          | MA Heptachlor   | 4.586 | 5.232 | 905.6E6 | 177.5E6  | 57.377 | 55.076 |
| 5)                          | MB Aldrin       | 4.838 | 5.537 | 869.8E6 | 172.0E6  | 60.843 | 57.681 |
| 6)                          | B beta-BHC      | 4.530 | 4.892 | 368.7E6 | 81702961 | 55.942 | 52.895 |
| 7)                          | B delta-BHC     | 4.738 | 5.110 | 695.3E6 | 136.2E6  | 45.677 | 45.084 |
| 8)                          | B Heptachlo...  | 5.284 | 5.924 | 784.2E6 | 158.0E6  | 58.090 | 54.169 |
| 9)                          | A Endosulfan I  | 5.626 | 6.281 | 706.4E6 | 148.2E6  | 57.470 | 54.667 |
| 10)                         | B gamma-Chl...  | 5.512 | 6.158 | 786.0E6 | 160.2E6  | 57.608 | 54.897 |
| 11)                         | B alpha-Chl...  | 5.571 | 6.231 | 752.8E6 | 159.8E6  | 56.590 | 54.738 |
| 12)                         | B 4,4'-DDE      | 5.734 | 6.386 | 721.2E6 | 159.7E6  | 60.692 | 56.696 |
| 13)                         | MA Dieldrin     | 5.871 | 6.538 | 751.3E6 | 158.2E6  | 57.641 | 55.443 |
| 14)                         | MA Endrin       | 6.129 | 6.756 | 608.8E6 | 124.0E6  | 52.521 | 51.075 |
| 15)                         | B Endosulfa...  | 6.402 | 6.965 | 584.8E6 | 139.0E6  | 52.303 | 54.420 |
| 16)                         | A 4,4'-DDD      | 6.252 | 6.877 | 537.4E6 | 125.2E6  | 60.378 | 60.091 |
| 17)                         | MA 4,4'-DDT     | 6.494 | 7.176 | 517.8E6 | 120.9E6  | 52.267 | 52.281 |
| 18)                         | B Endrin al...  | 6.570 | 7.088 | 472.5E6 | 119.5E6  | 51.530 | 54.390 |
| 19)                         | B Endosulfa...  | 6.783 | 7.312 | 540.3E6 | 131.1E6  | 53.115 | 53.418 |
| 20)                         | A Methoxychlor  | 7.039 | 7.633 | 253.5E6 | 65656446 | 51.416 | 50.547 |
| 21)                         | B Endrin ke...  | 7.277 | 7.783 | 607.8E6 | 143.4E6  | 56.456 | 55.609 |
| 22)                         | Mirex           | 7.470 | 8.238 | 421.7E6 | 109.0E6  | 49.305 | 53.898 |
| -----                       |                 |       |       |         |          |        |        |

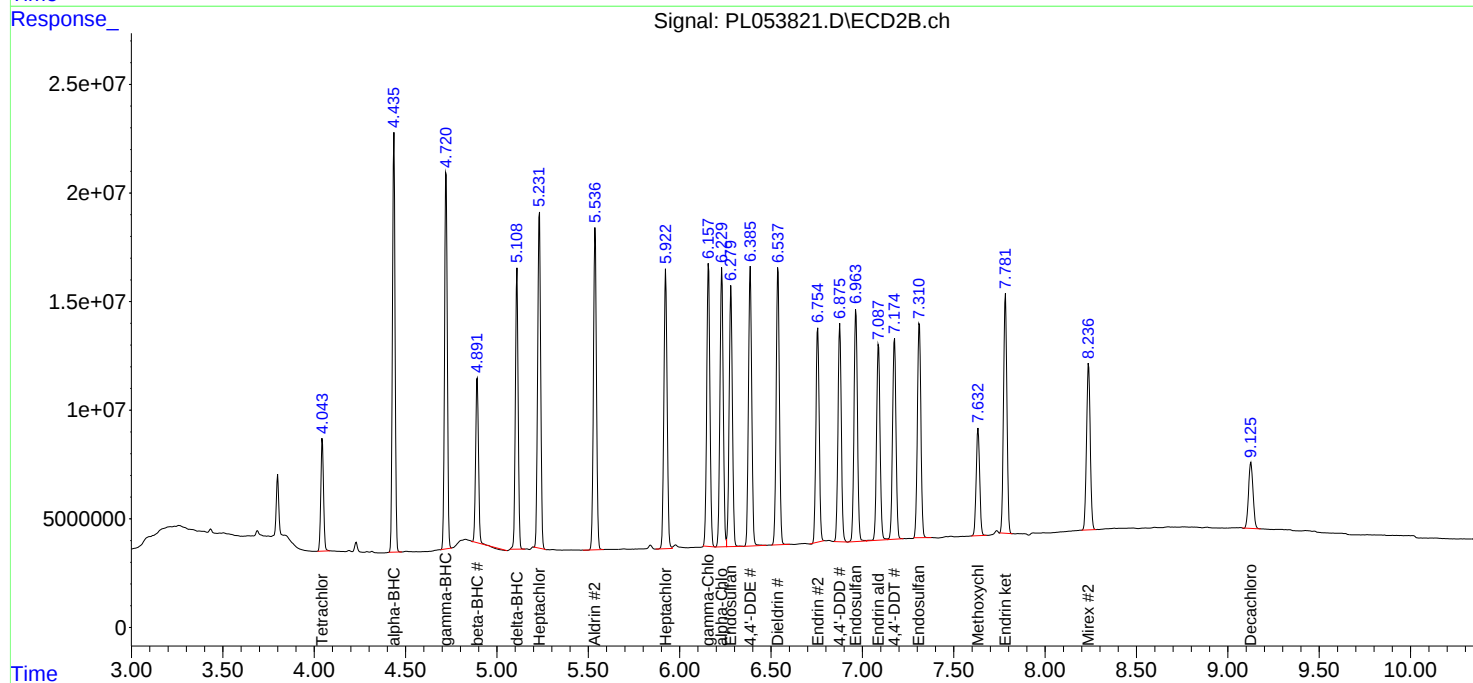
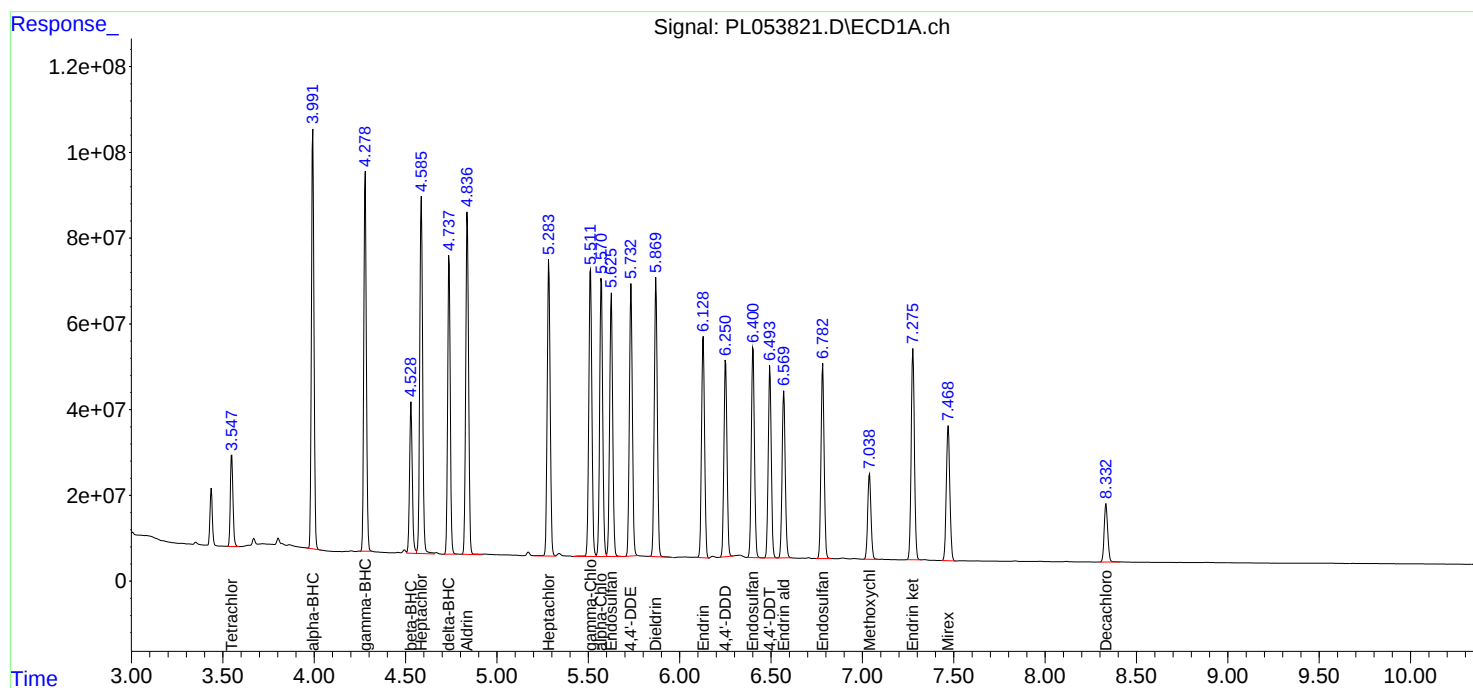
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

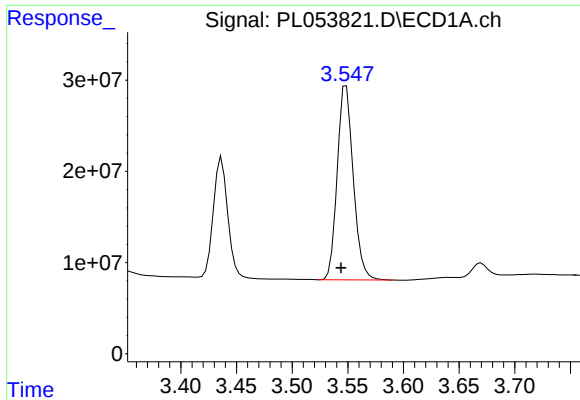
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
Data File : PL053821.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2019 10:28  
Operator : SG\AJ  
Sample : PB124298BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB124298BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:13:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

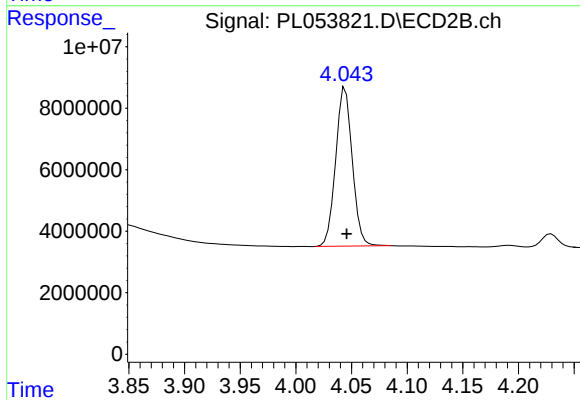




#1 Tetrachloro-m-xylene

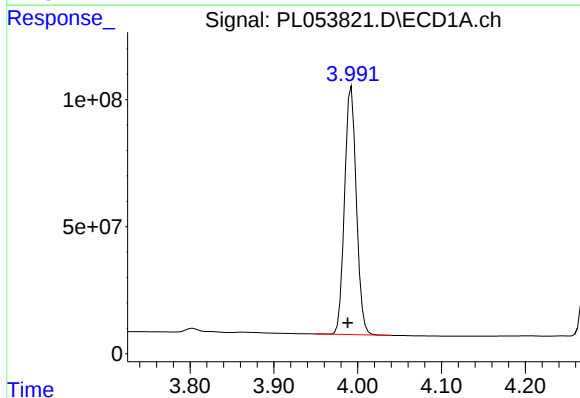
R.T.: 3.549 min  
Delta R.T.: 0.005 min  
Response: 213977937  
Conc: 19.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



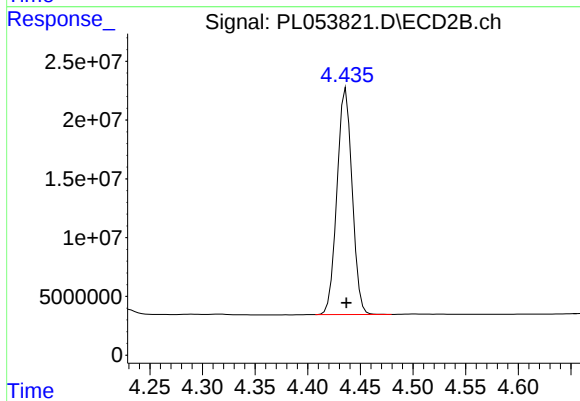
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.001 min  
Response: 53660392  
Conc: 21.44 ng/ml



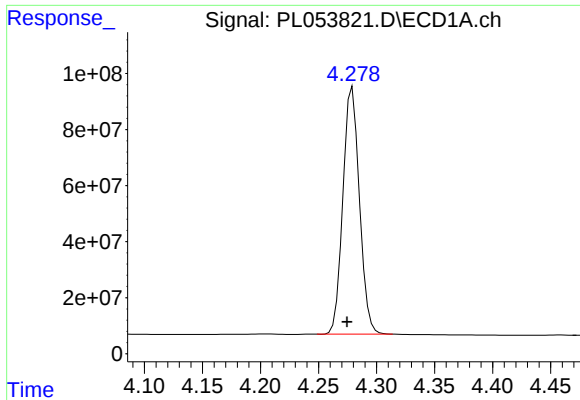
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: 0.004 min  
Response: 955484538  
Conc: 54.80 ng/ml



#2 alpha-BHC

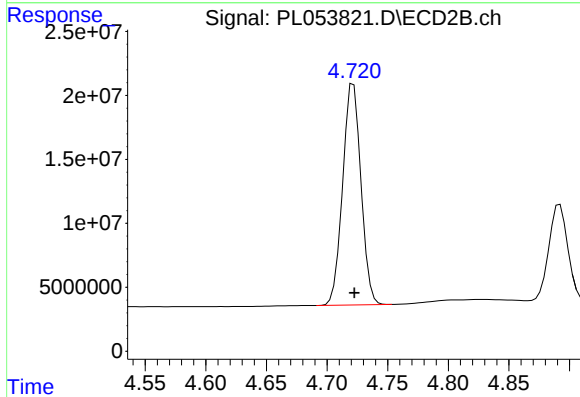
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 192752780  
Conc: 55.76 ng/ml



#3 gamma-BHC (Lindane)

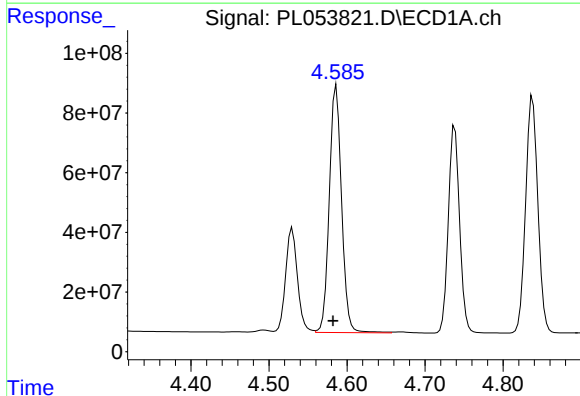
R.T.: 4.279 min  
Delta R.T.: 0.005 min  
Response: 873359508  
Conc: 56.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



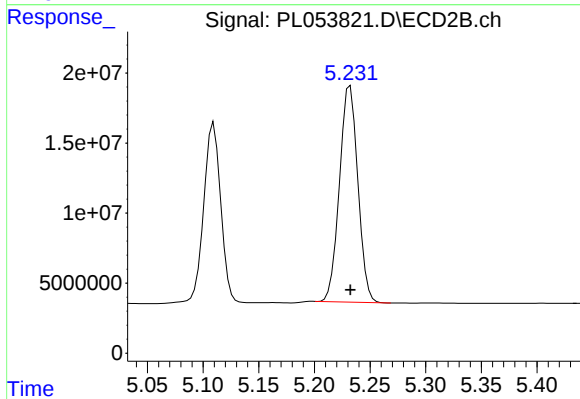
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 181606903  
Conc: 56.39 ng/ml



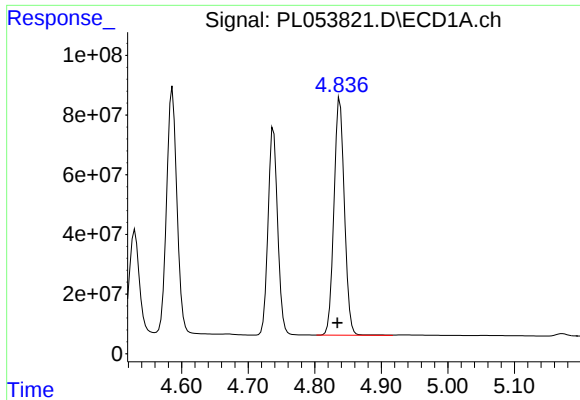
#4 Heptachlor

R.T.: 4.586 min  
Delta R.T.: 0.004 min  
Response: 905579938  
Conc: 57.38 ng/ml



#4 Heptachlor

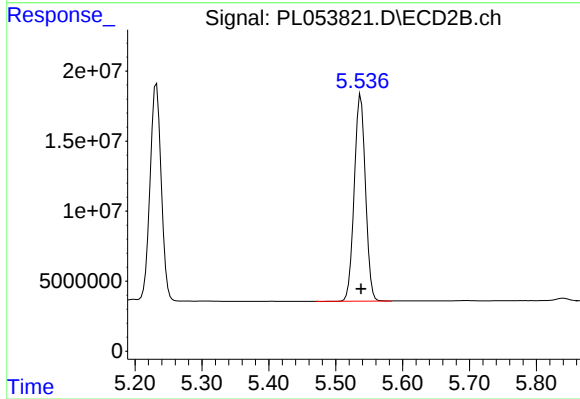
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 177465497  
Conc: 55.08 ng/ml



#5 Aldrin

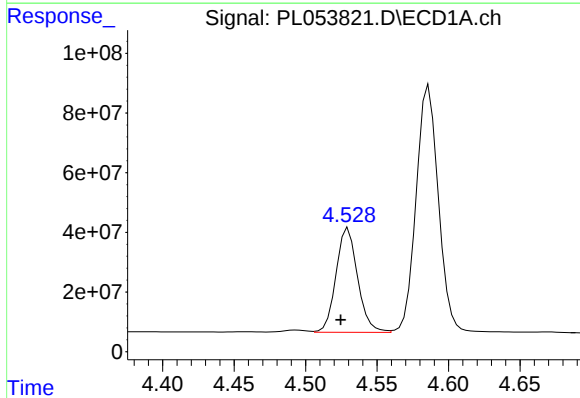
R.T.: 4.838 min  
Delta R.T.: 0.004 min  
Response: 869791983  
Conc: 60.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



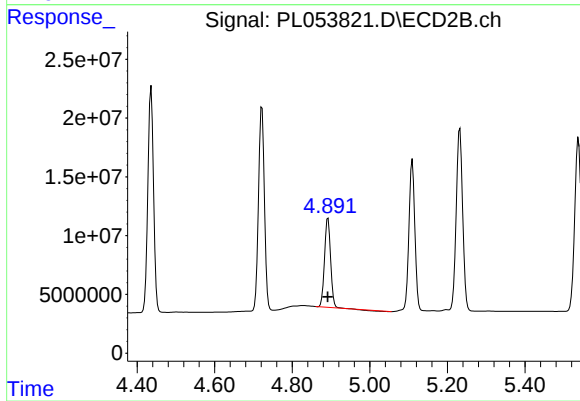
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 171976946  
Conc: 57.68 ng/ml



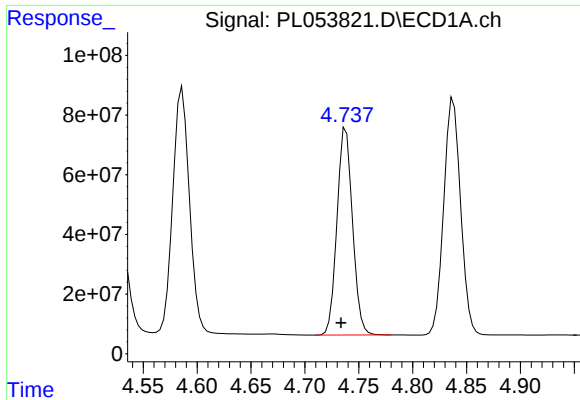
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.005 min  
Response: 368650015  
Conc: 55.94 ng/ml



#6 beta-BHC

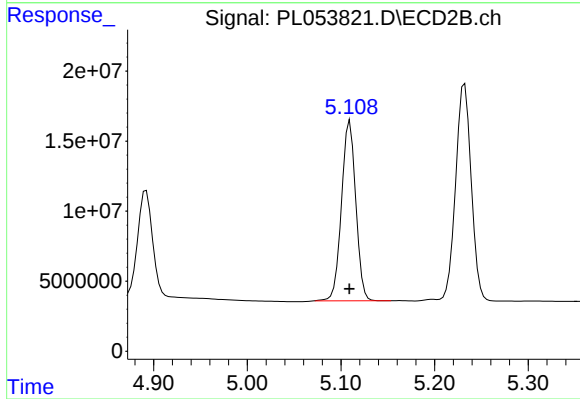
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 81702961  
Conc: 52.90 ng/ml



#7 delta-BHC

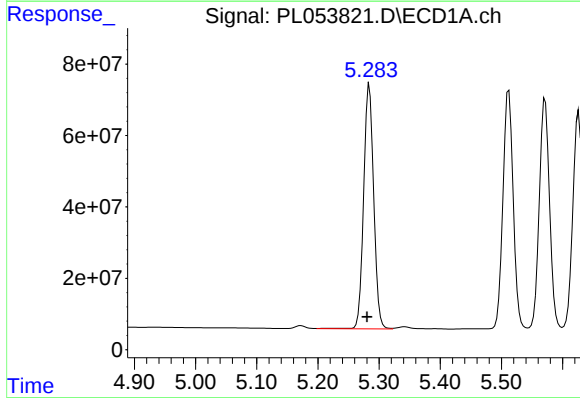
R.T.: 4.738 min  
Delta R.T.: 0.005 min  
Response: 695256328  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



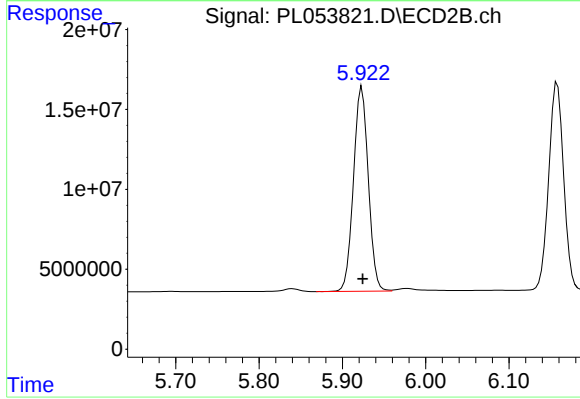
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 136180461  
Conc: 45.08 ng/ml



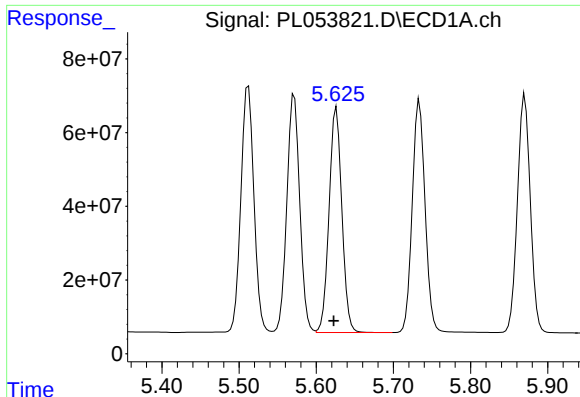
#8 Heptachlor epoxide

R.T.: 5.284 min  
Delta R.T.: 0.004 min  
Response: 784170663  
Conc: 58.09 ng/ml



#8 Heptachlor epoxide

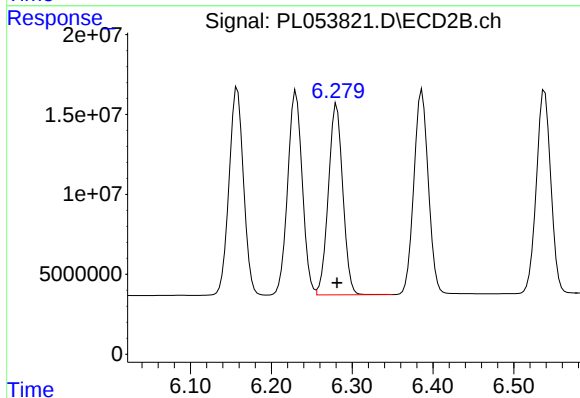
R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 157977914  
Conc: 54.17 ng/ml



#9 Endosulfan I

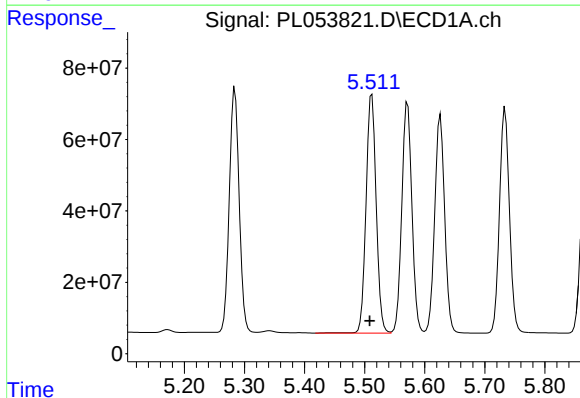
R.T.: 5.626 min  
Delta R.T.: 0.004 min  
Response: 706430765  
Conc: 57.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



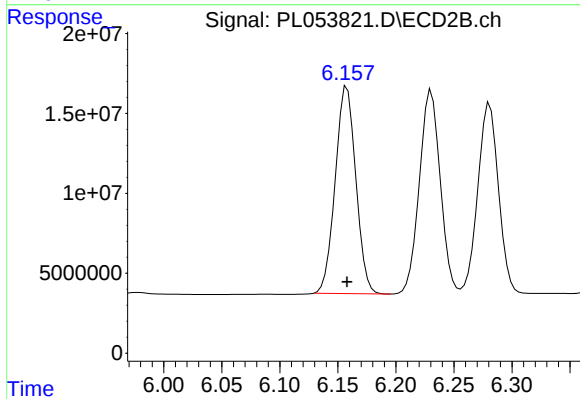
#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 148215220  
Conc: 54.67 ng/ml



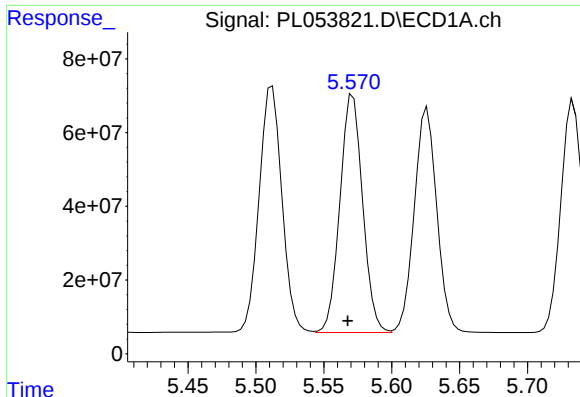
#10 gamma-Chlordane

R.T.: 5.512 min  
Delta R.T.: 0.003 min  
Response: 785981620  
Conc: 57.61 ng/ml



#10 gamma-Chlordane

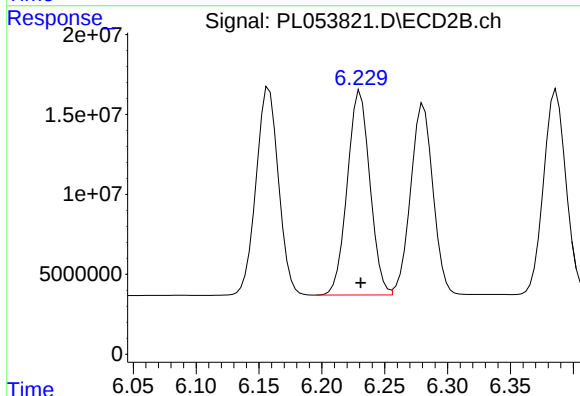
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 160179179  
Conc: 54.90 ng/ml



#11 alpha-Chlordane

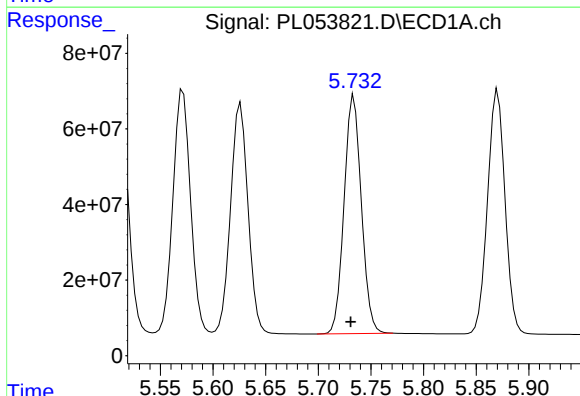
R.T.: 5.571 min  
Delta R.T.: 0.004 min  
Response: 752845551  
Conc: 56.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



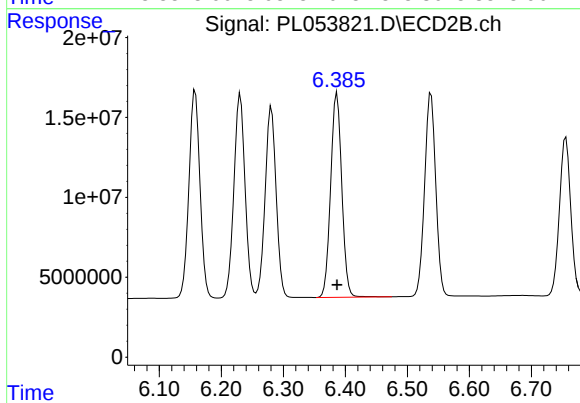
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 159791341  
Conc: 54.74 ng/ml



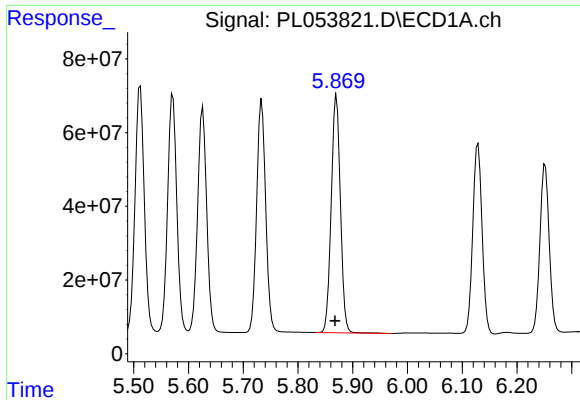
#12 4,4'-DDE

R.T.: 5.734 min  
Delta R.T.: 0.003 min  
Response: 721154207  
Conc: 60.69 ng/ml



#12 4,4'-DDE

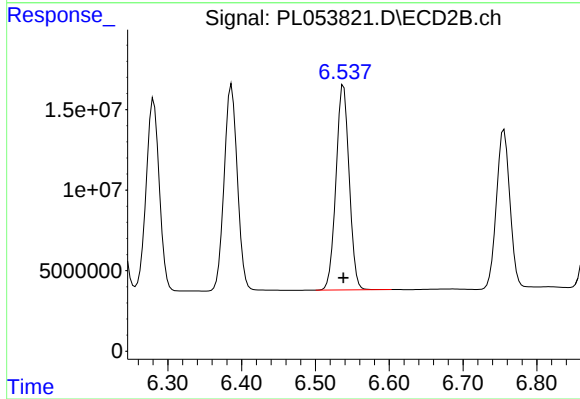
R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 159676346  
Conc: 56.70 ng/ml



#13 Dieldrin

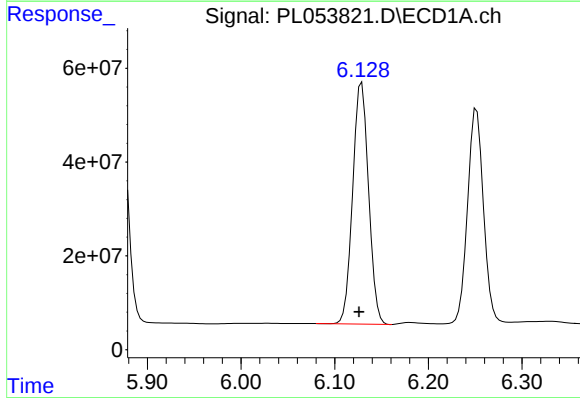
R.T.: 5.871 min  
Delta R.T.: 0.003 min  
Response: 751260566  
Conc: 57.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



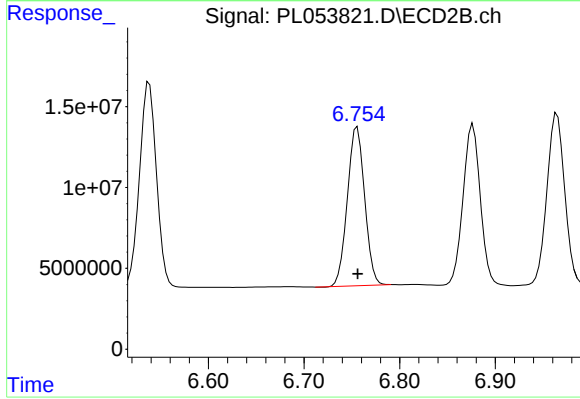
#13 Dieldrin

R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 158214626  
Conc: 55.44 ng/ml



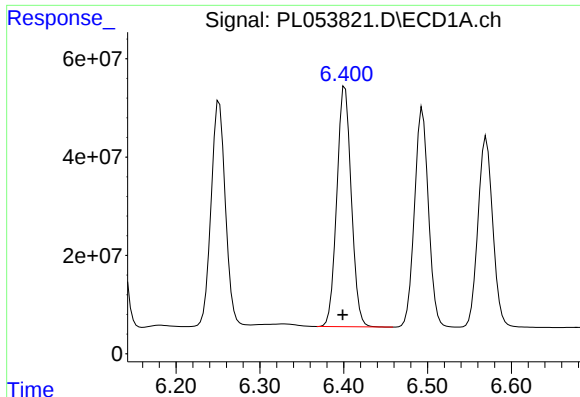
#14 Endrin

R.T.: 6.129 min  
Delta R.T.: 0.003 min  
Response: 608781752  
Conc: 52.52 ng/ml



#14 Endrin

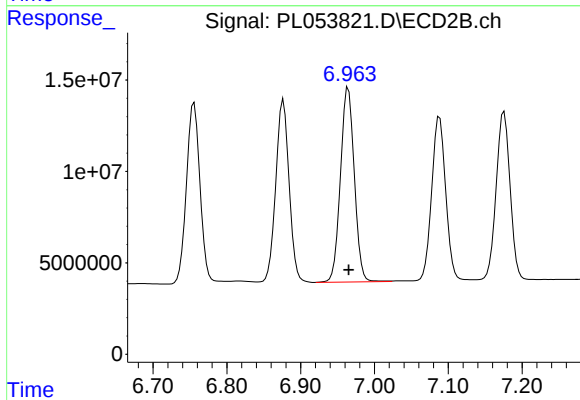
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 123970264  
Conc: 51.08 ng/ml



#15 Endosulfan II

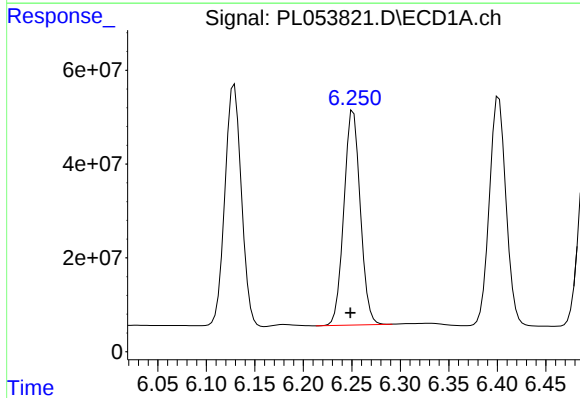
R.T.: 6.402 min  
Delta R.T.: 0.003 min  
Response: 584764616  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



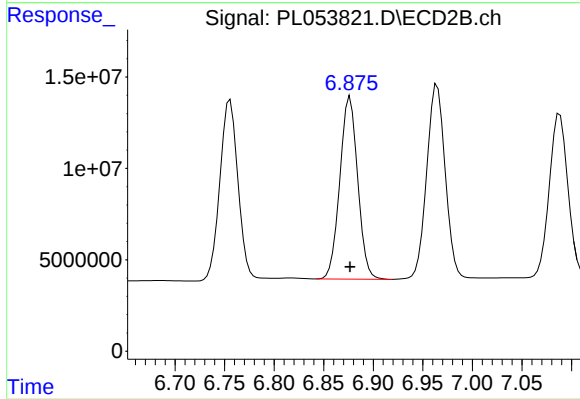
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 139014274  
Conc: 54.42 ng/ml



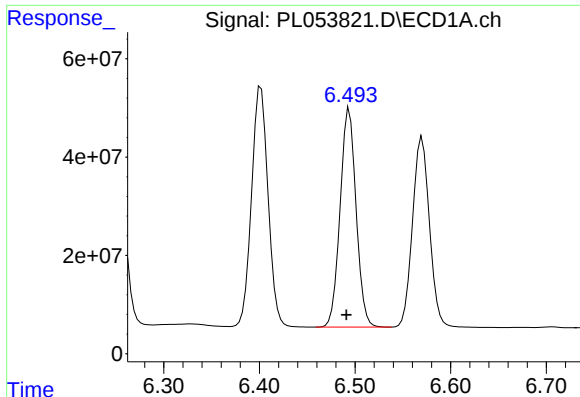
#16 4,4'-DDD

R.T.: 6.252 min  
Delta R.T.: 0.003 min  
Response: 537360537  
Conc: 60.38 ng/ml



#16 4,4'-DDD

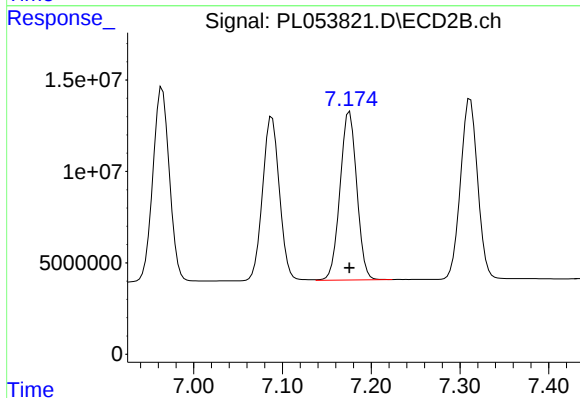
R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 125227152  
Conc: 60.09 ng/ml



#17 4,4'-DDT

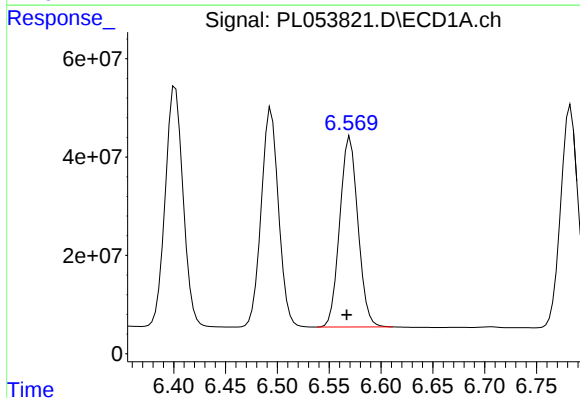
R.T.: 6.494 min  
Delta R.T.: 0.003 min  
Response: 517768422  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



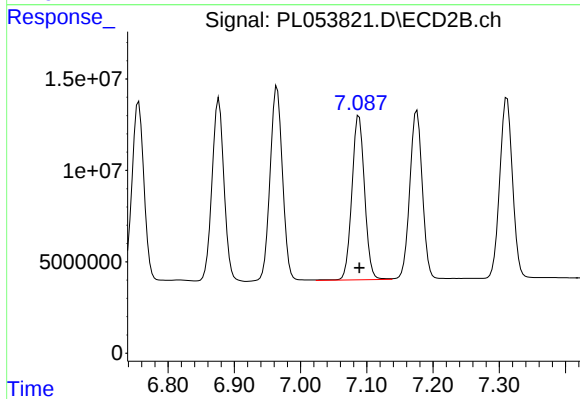
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 120901413  
Conc: 52.28 ng/ml



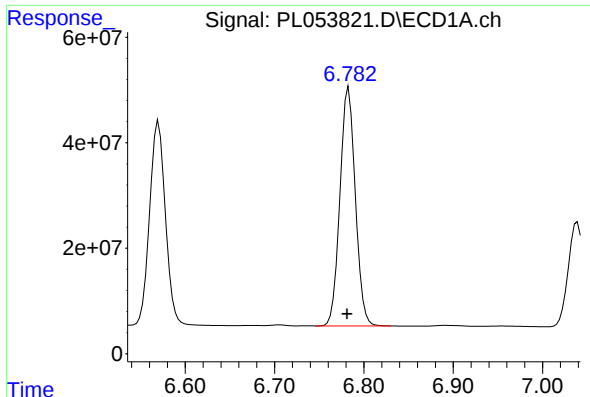
#18 Endrin aldehyde

R.T.: 6.570 min  
Delta R.T.: 0.003 min  
Response: 472492990  
Conc: 51.53 ng/ml



#18 Endrin aldehyde

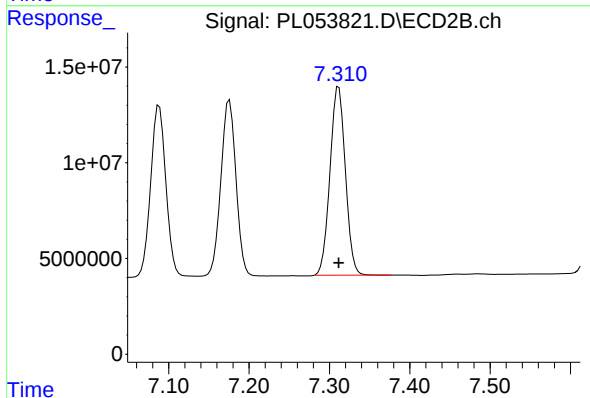
R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 119481614  
Conc: 54.39 ng/ml



#19 Endosulfan Sulfate

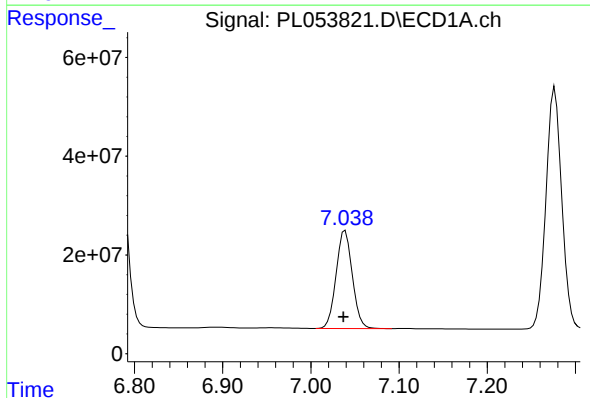
R.T.: 6.783 min  
Delta R.T.: 0.002 min  
Response: 540263686  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



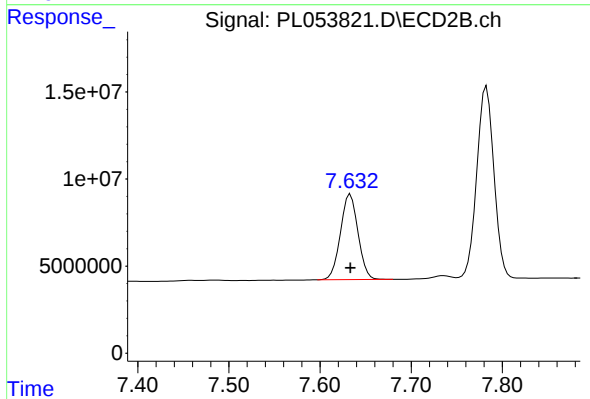
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 131066429  
Conc: 53.42 ng/ml



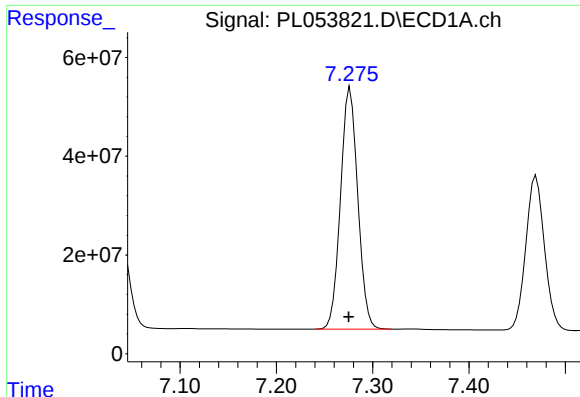
#20 Methoxychlor

R.T.: 7.039 min  
Delta R.T.: 0.002 min  
Response: 253497671  
Conc: 51.42 ng/ml



#20 Methoxychlor

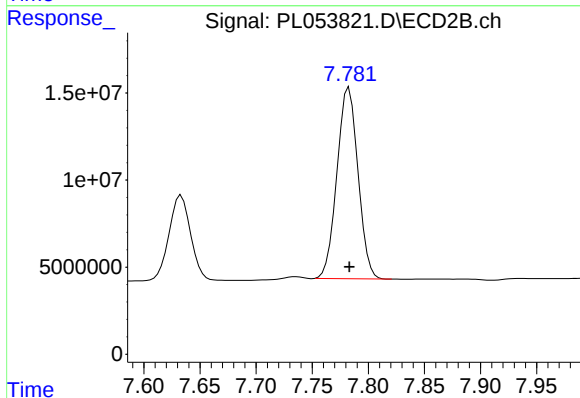
R.T.: 7.633 min  
Delta R.T.: 0.000 min  
Response: 65656446  
Conc: 50.55 ng/ml



#21 Endrin ketone

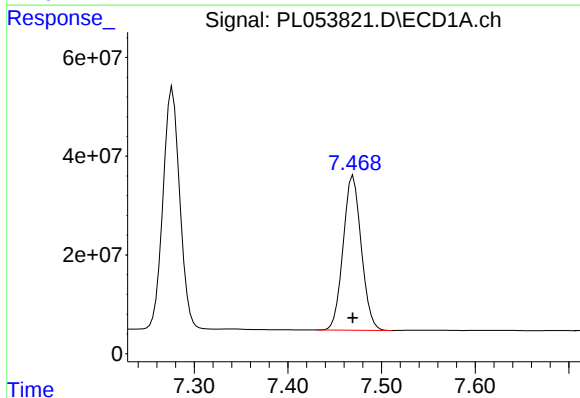
R.T.: 7.277 min  
Delta R.T.: 0.002 min  
Response: 607755988  
Conc: 56.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



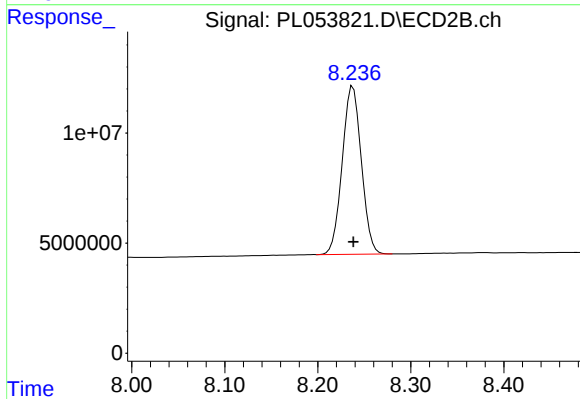
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 143385527  
Conc: 55.61 ng/ml



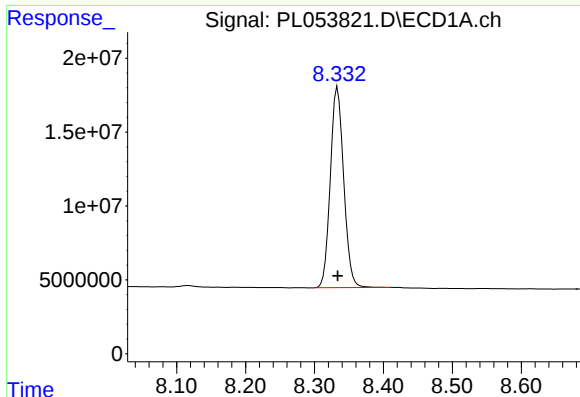
#22 Mirex

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 421702296  
Conc: 49.30 ng/ml



#22 Mirex

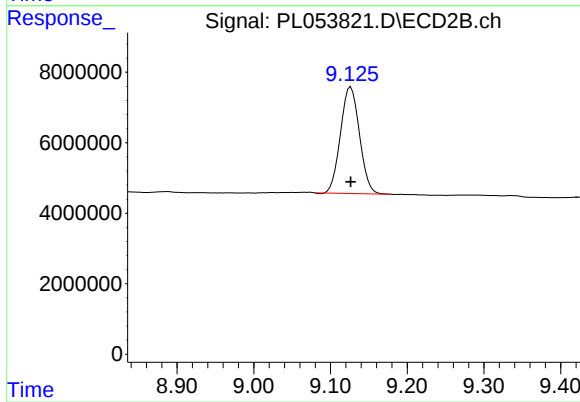
R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 109040069  
Conc: 53.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 182870288  
Conc: 18.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124298BS



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.000 min  
Response: 52085495  
Conc: 18.50 ng/ml