

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033120\  
 Data File : PL057701.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2020 18:35  
 Operator : AJ\MA  
 Sample : L1762-25MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 05:28:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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 | 3.957  | 208.1E6 | 44782867 | 22.455   | 20.642     |
| 28)                         | SA Decachlor... | 8.205 | 8.979  | 180.4E6 | 40451370 | 17.050   | 18.243     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.344  | 982.6E6 | 187.0E6  | 61.685   | 58.210     |
| 3)                          | MA gamma-BHC... | 4.179 | 4.627  | 882.9E6 | 171.9E6  | 61.426   | 54.787     |
| 4)                          | MA Heptachlor   | 4.479 | 5.129  | 924.1E6 | 185.9E6  | 62.219   | 59.049     |
| 5)                          | MB Aldrin       | 4.726 | 5.430  | 856.2E6 | 180.6E6  | 62.071   | 59.183     |
| 6)                          | B beta-BHC      | 4.431 | 4.799  | 392.0E6 | 86780262 | 66.677   | 60.166     |
| 7)                          | B delta-BHC     | 4.635 | 5.013  | 879.1E6 | 155.0E6  | 62.636   | 58.927     |
| 8)                          | B Heptachlo...  | 5.170 | 5.815  | 794.1E6 | 170.5E6  | 61.964   | 62.490     |
| 9)                          | A Endosulfan I  | 5.508 | 6.169  | 737.8E6 | 161.4E6  | 62.054   | 56.724     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.048  | 809.2E6 | 179.6E6  | 62.052   | 58.278     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.120  | 779.3E6 | 174.4E6  | 60.309   | 56.028     |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.279  | 779.9E6 | 161.8E6  | 62.615   | 56.933     |
| 13)                         | MA Dieldrin     | 5.751 | 6.425  | 785.8E6 | 168.5E6  | 62.300   | 56.981     |
| 14)                         | MA Endrin       | 6.008 | 6.642  | 669.9E6 | 139.1E6  | 58.606   | 57.646     |
| 15)                         | B Endosulfa...  | 6.281 | 6.852  | 575.0E6 | 134.6E6  | 52.940   | 51.242     |
| 16)                         | A 4,4'-DDD      | 6.133 | 6.768  | 562.6E6 | 123.8E6  | 57.396   | 54.199     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.065  | 540.4E6 | 117.2E6  | 54.183   | 51.458     |
| 18)                         | B Endrin al...  | 6.449 | 6.976  | 485.8E6 | 116.1E6  | 52.607   | 52.247     |
| 19)                         | B Endosulfa...  | 6.663 | 7.198  | 544.9E6 | 129.0E6  | 54.258   | 52.899     |
| 20)                         | A Methoxychlor  | 6.919 | 7.524  | 278.5E6 | 64054572 | 51.897   | 49.251     |
| 21)                         | B Endrin ke...  | 7.153 | 7.667  | 594.6E6 | 132.9E6  | 52.610   | 51.331     |
| 22)                         | Mirex           | 7.340 | 8.116  | 412.1E6 | 95157732 | 50.881   | 49.833     |
| 23)                         | Chlordane-1     | 4.329 | 0.000  | 2096362 | 0        | 6.459    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829 | 5.430f | 536004  | 180.6E6  | 1.475    | 1915.857 # |
| 25)                         | Chlordane-3     | 5.397 | 6.048  | 809.2E6 | 179.6E6  | 717.550  | 473.684 #  |
| 26)                         | Chlordane-4     | 5.455 | 6.120  | 779.3E6 | 174.4E6  | 812.948  | 381.033 #  |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 575.0E6 | 0        | 1580.226 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

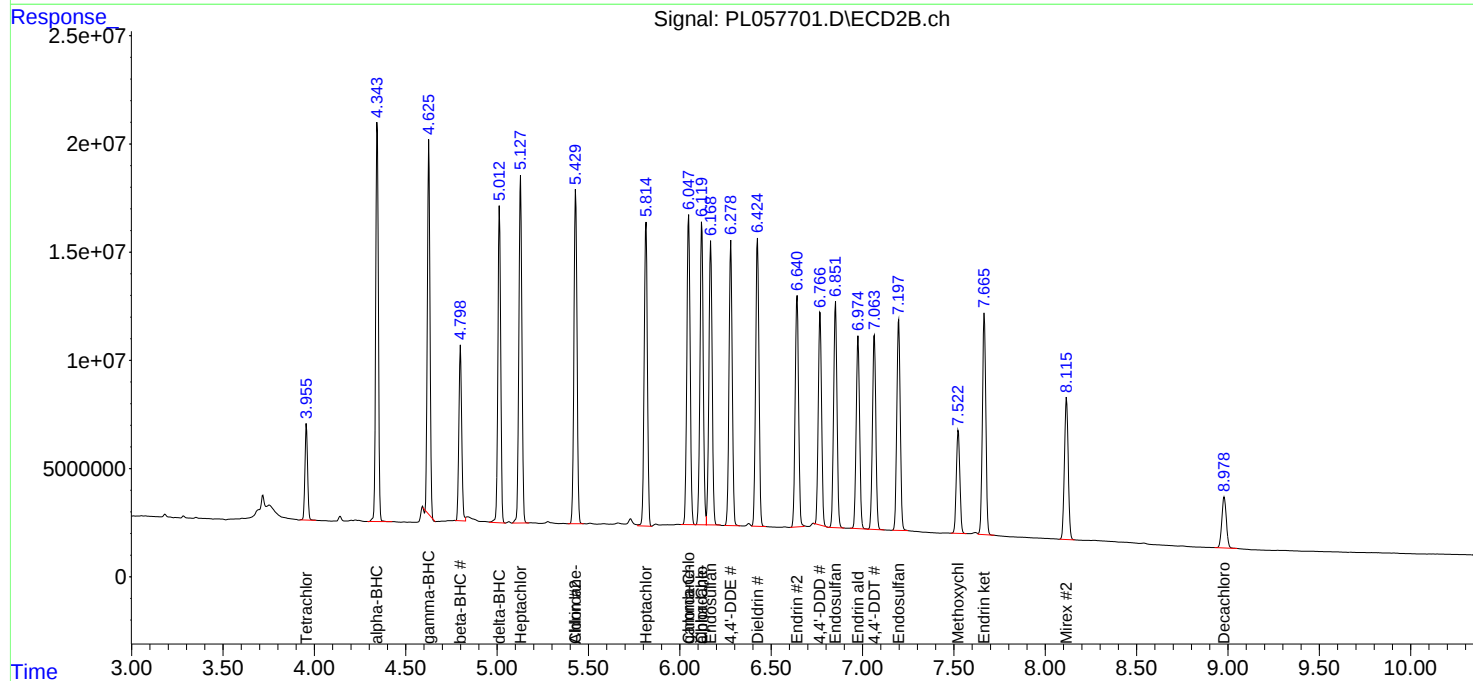
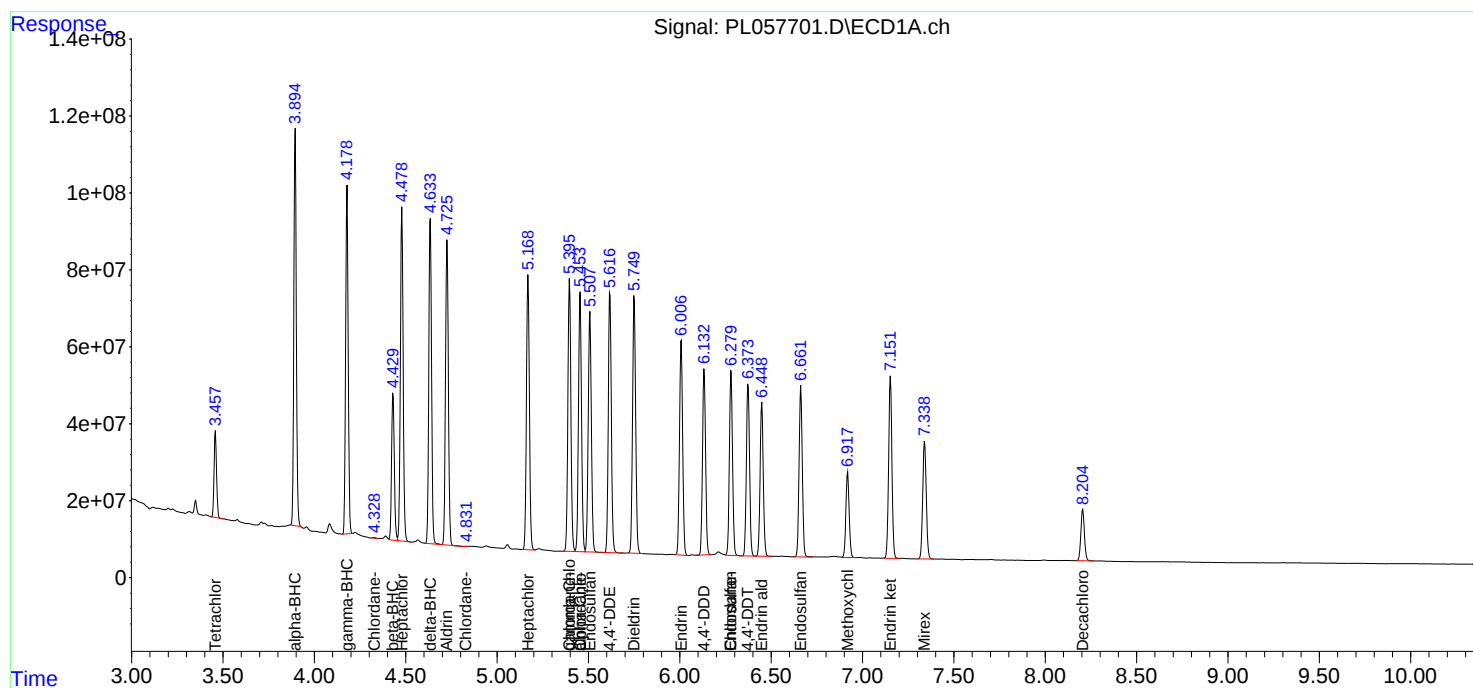
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

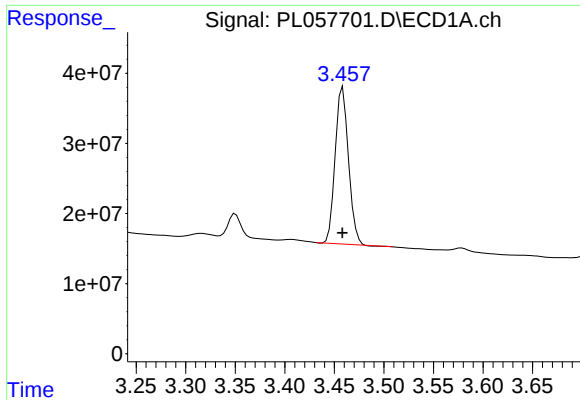
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033120\  
Data File : PL057701.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2020 18:35  
Operator : AJ\MA  
Sample : L1762-25MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 05:28:10 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 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

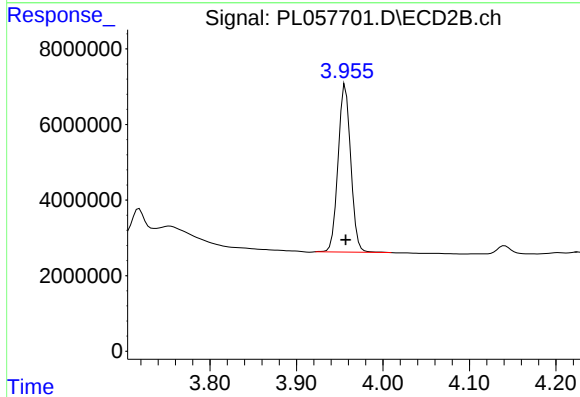




#1 Tetrachloro-m-xylene

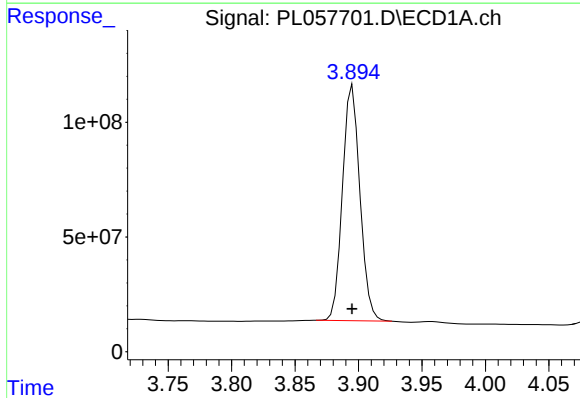
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 208146404  
Conc: 22.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



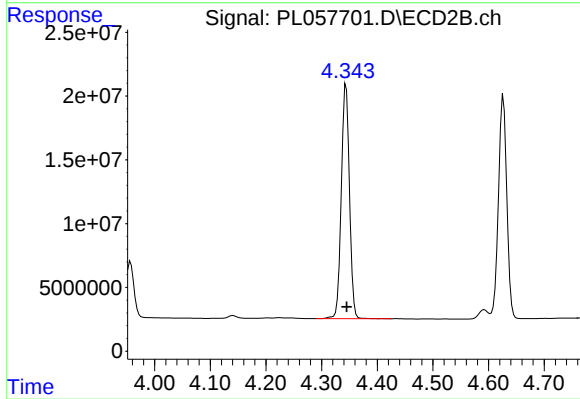
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 44782867  
Conc: 20.64 ng/ml



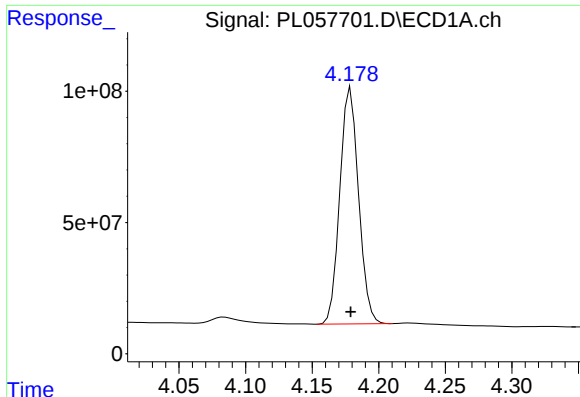
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 982616672  
Conc: 61.69 ng/ml



#2 alpha-BHC

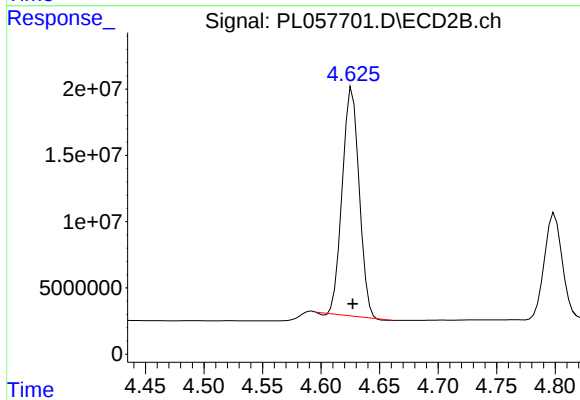
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 186972297  
Conc: 58.21 ng/ml



#3 gamma-BHC (Lindane)

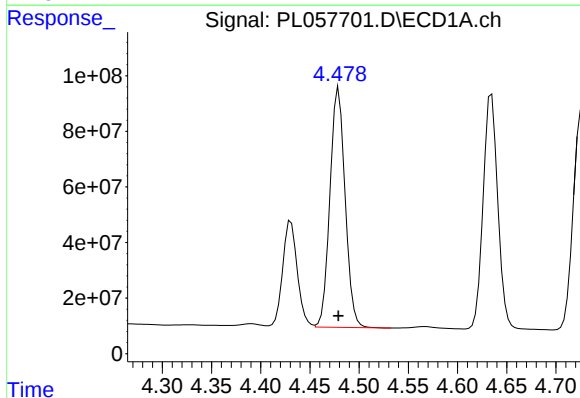
R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 882869557  
Conc: 61.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



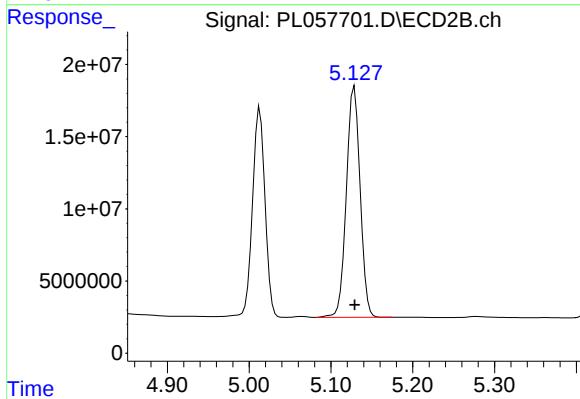
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 171891944  
Conc: 54.79 ng/ml



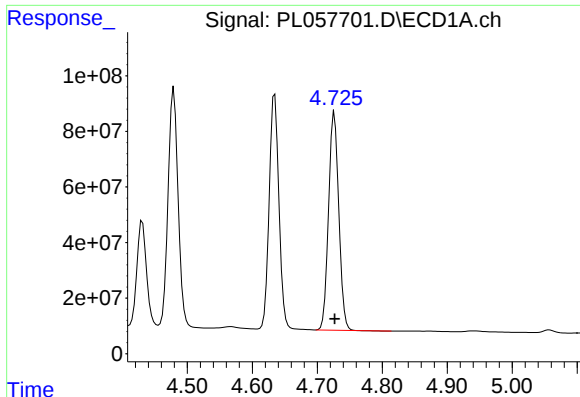
#4 Heptachlor

R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 924095589  
Conc: 62.22 ng/ml



#4 Heptachlor

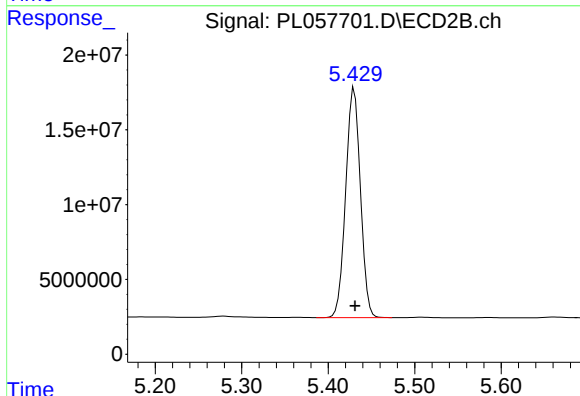
R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 185869337  
Conc: 59.05 ng/ml



#5 Aldrin

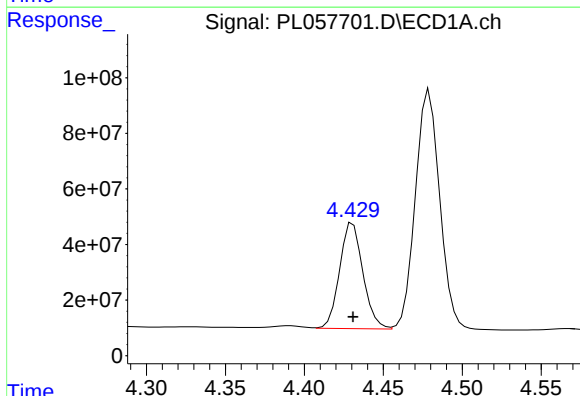
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 856222622  
Conc: 62.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



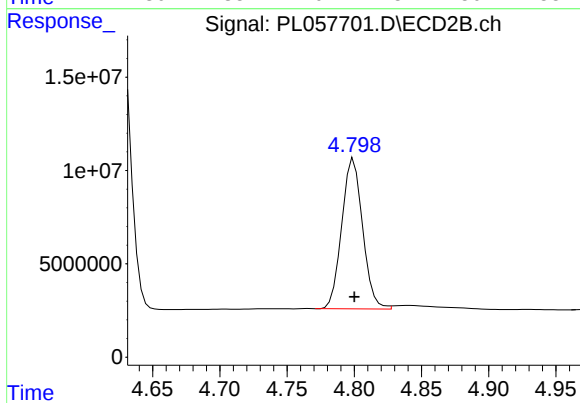
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 180552556  
Conc: 59.18 ng/ml



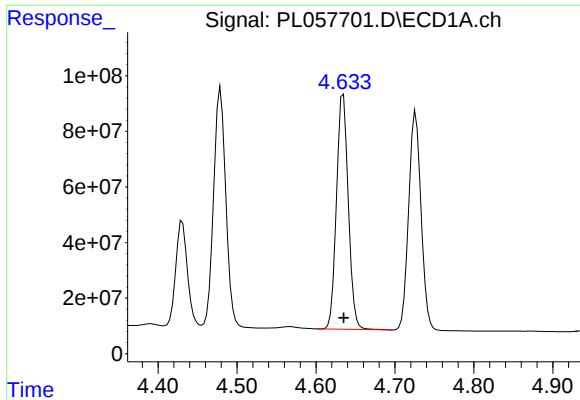
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 392002085  
Conc: 66.68 ng/ml



#6 beta-BHC

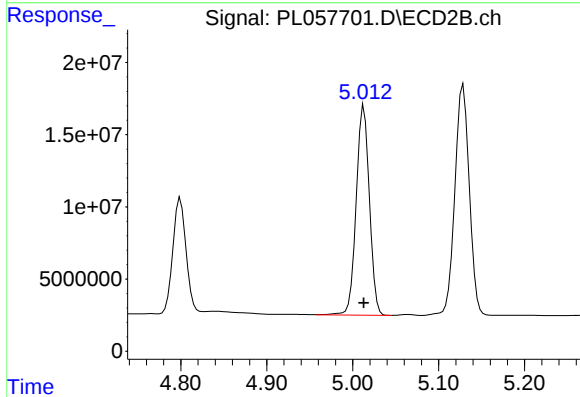
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 86780262  
Conc: 60.17 ng/ml



#7 delta-BHC

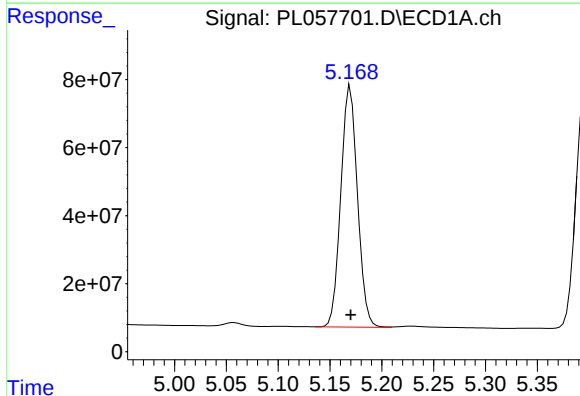
R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 879107805  
Conc: 62.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



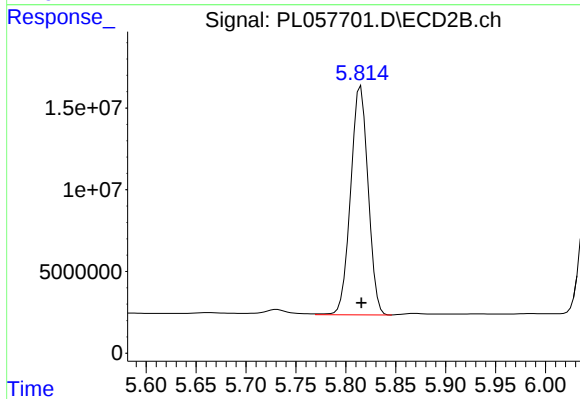
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 154976746  
Conc: 58.93 ng/ml



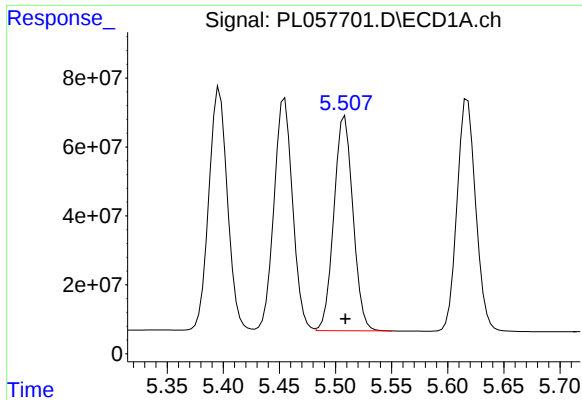
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 794116051  
Conc: 61.96 ng/ml



#8 Heptachlor epoxide

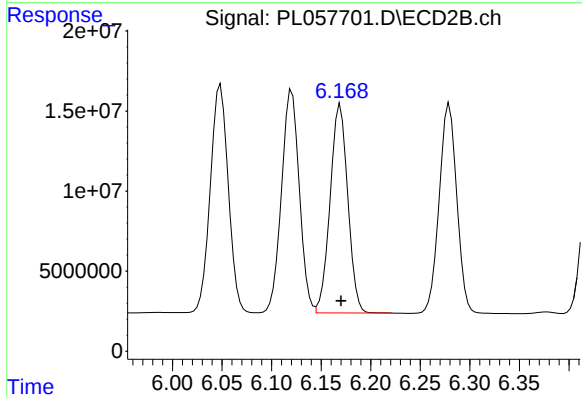
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 170513589  
Conc: 62.49 ng/ml



#9 Endosulfan I

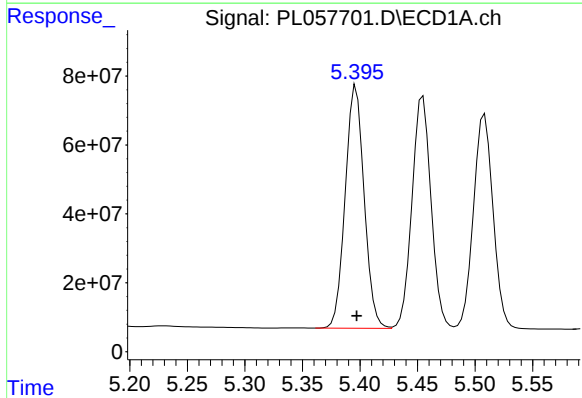
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 737816034  
Conc: 62.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



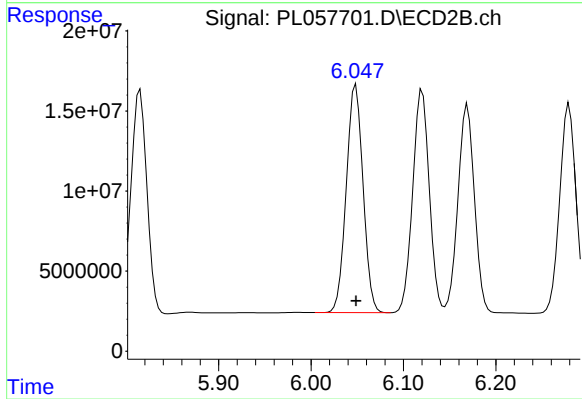
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 161398699  
Conc: 56.72 ng/ml



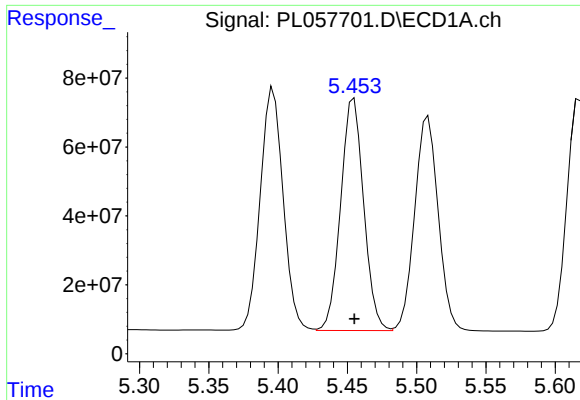
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 809166862  
Conc: 62.05 ng/ml



#10 gamma-Chlordane

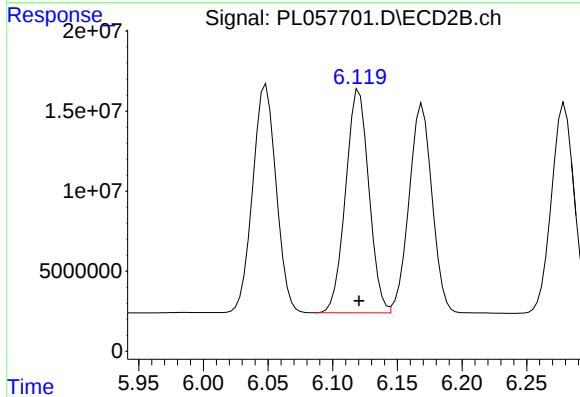
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 179620589  
Conc: 58.28 ng/ml



#11 alpha-Chlordane

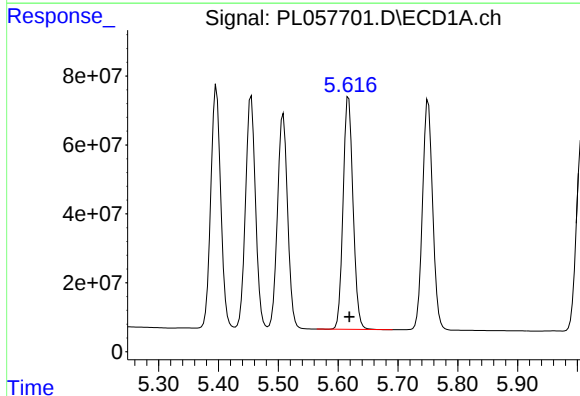
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 779348478  
Conc: 60.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



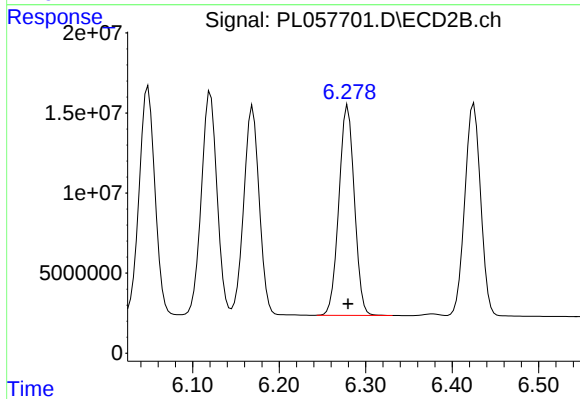
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 174396854  
Conc: 56.03 ng/ml



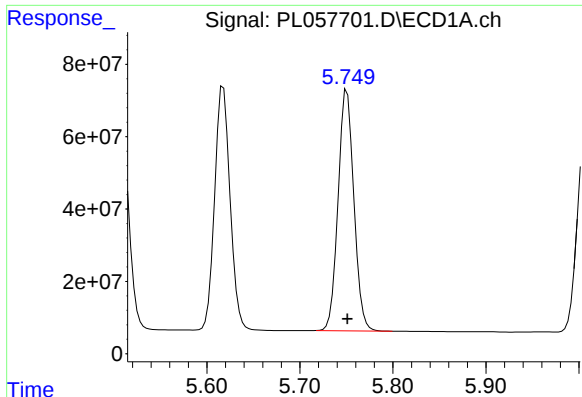
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: -0.001 min  
Response: 779905332  
Conc: 62.61 ng/ml



#12 4,4'-DDE

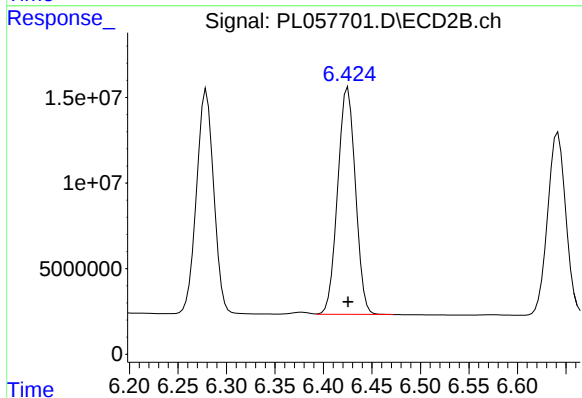
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 161829476  
Conc: 56.93 ng/ml



#13 Dieldrin

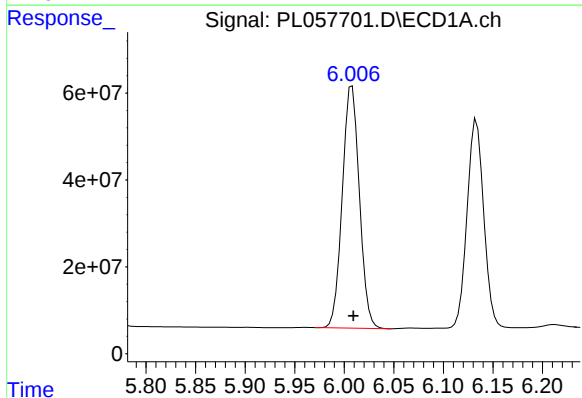
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 785768529  
Conc: 62.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



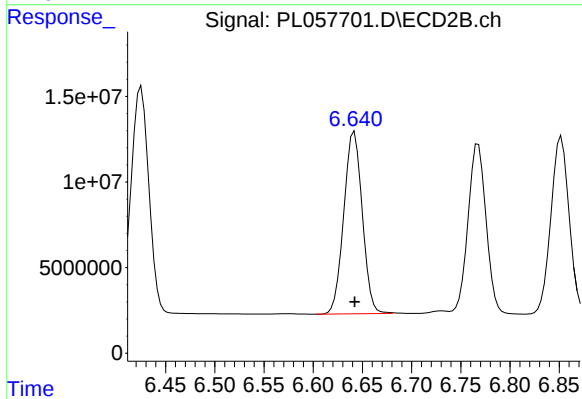
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 168549398  
Conc: 56.98 ng/ml



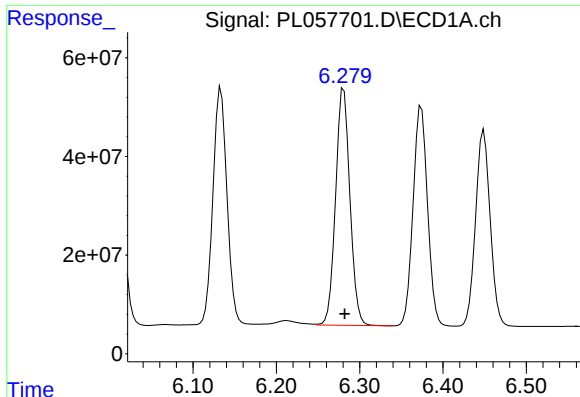
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: -0.001 min  
Response: 669945561  
Conc: 58.61 ng/ml



#14 Endrin

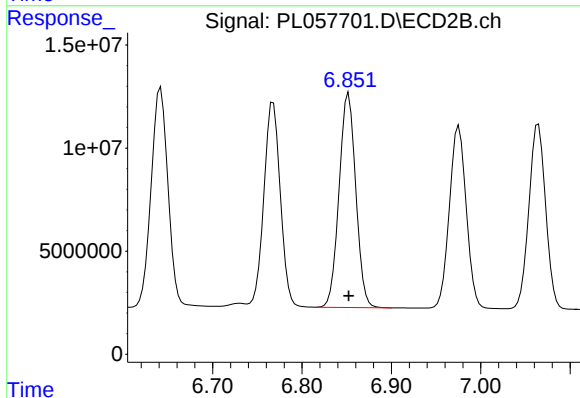
R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 139086030  
Conc: 57.65 ng/ml



#15 Endosulfan II

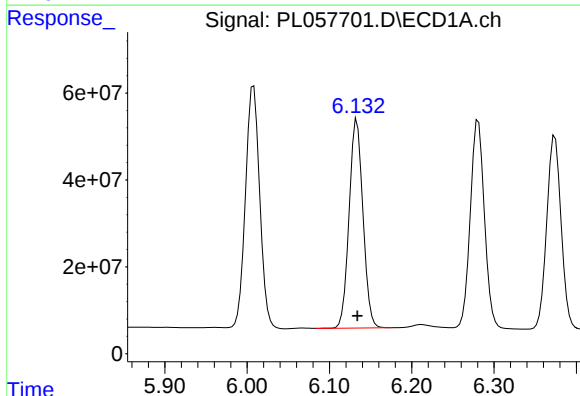
R.T.: 6.281 min  
Delta R.T.: -0.001 min  
Response: 574977431  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



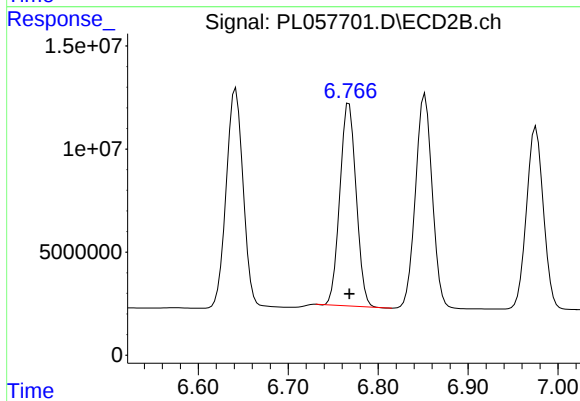
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 134605891  
Conc: 51.24 ng/ml



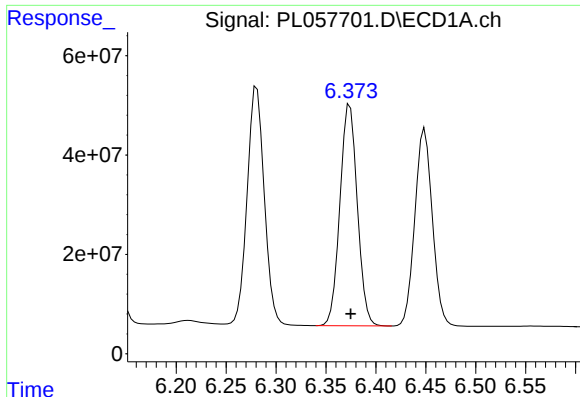
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 562557056  
Conc: 57.40 ng/ml



#16 4,4'-DDD

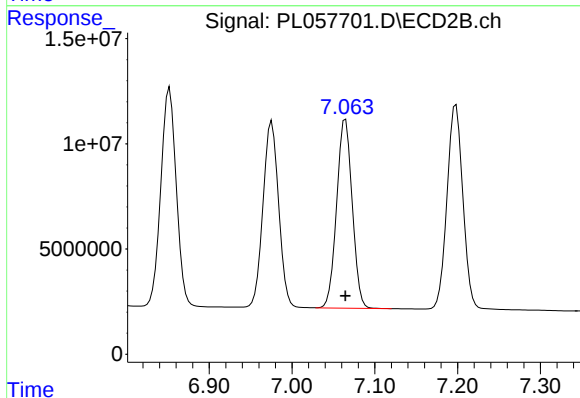
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 123776639  
Conc: 54.20 ng/ml



#17 4,4'-DDT

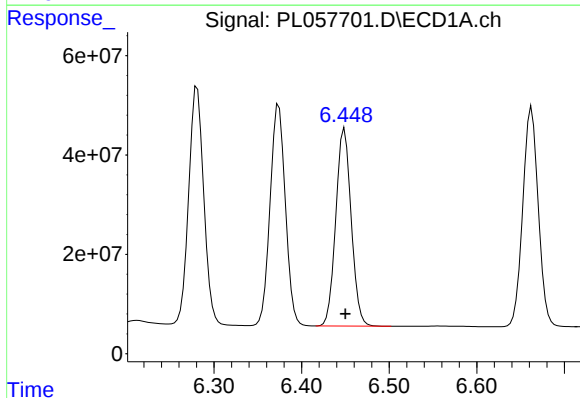
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 540356505  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



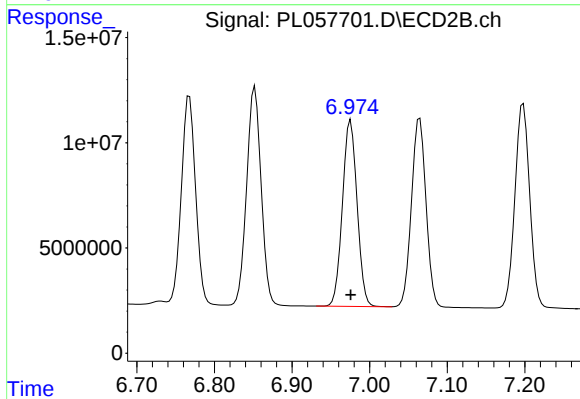
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 117204156  
Conc: 51.46 ng/ml



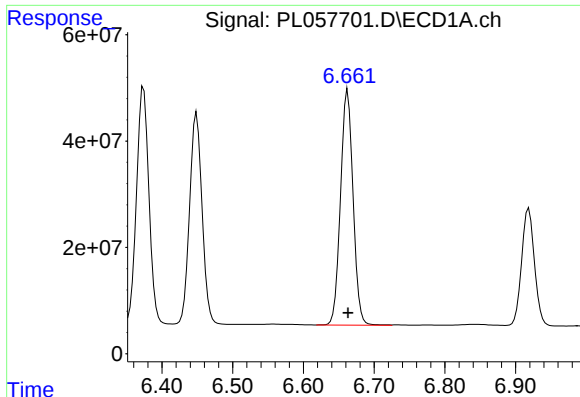
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 485836002  
Conc: 52.61 ng/ml



#18 Endrin aldehyde

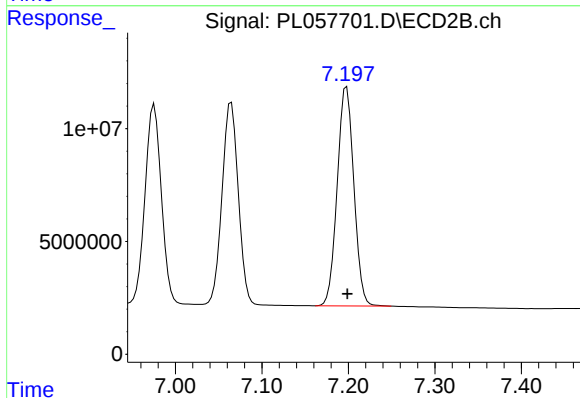
R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 116149353  
Conc: 52.25 ng/ml



#19 Endosulfan Sulfate

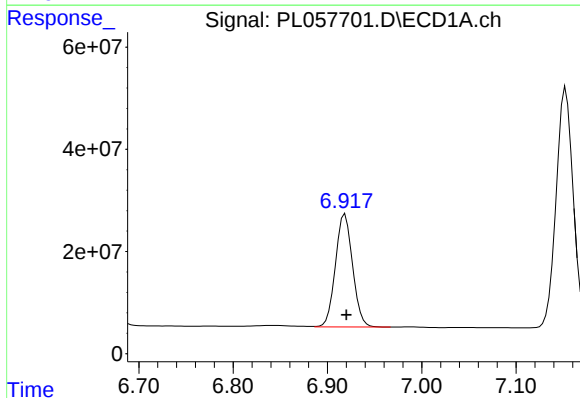
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 544883838  
Conc: 54.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



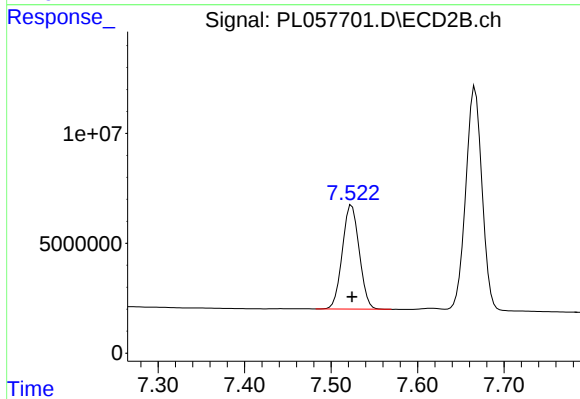
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 129023454  
Conc: 52.90 ng/ml



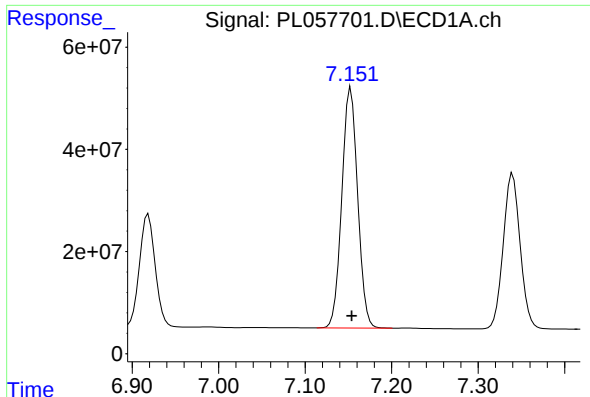
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: -0.001 min  
Response: 278471796  
Conc: 51.90 ng/ml



#20 Methoxychlor

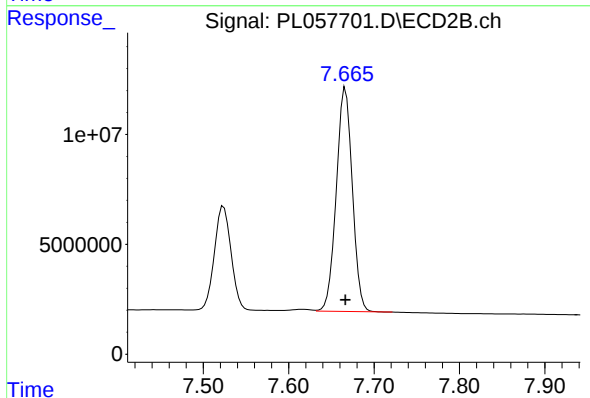
R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 64054572  
Conc: 49.25 ng/ml



#21 Endrin ketone

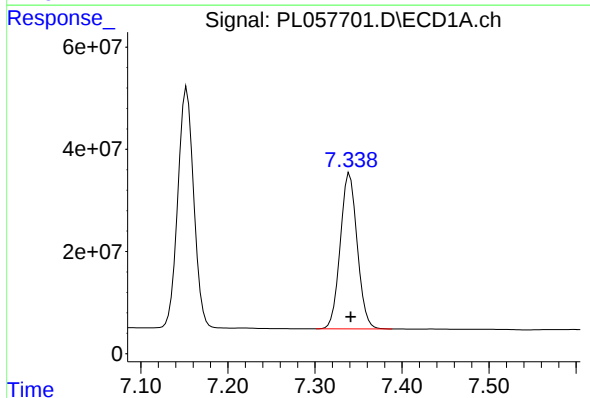
R.T.: 7.153 min  
Delta R.T.: -0.001 min  
Response: 594635765  
Conc: 52.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



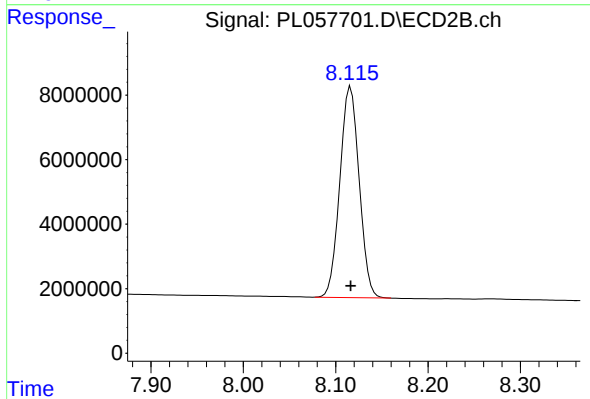
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.000 min  
Response: 132875165  
Conc: 51.33 ng/ml



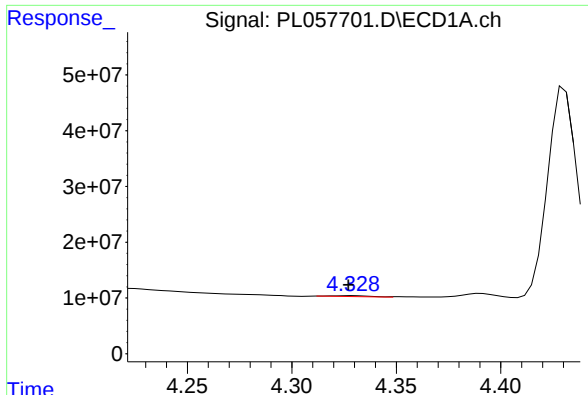
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: -0.001 min  
Response: 412101431  
Conc: 50.88 ng/ml



#22 Mirex

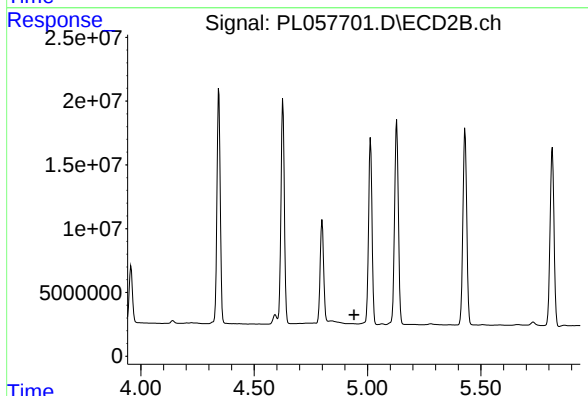
R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 95157732  
Conc: 49.83 ng/ml



#23 Chlordane-1

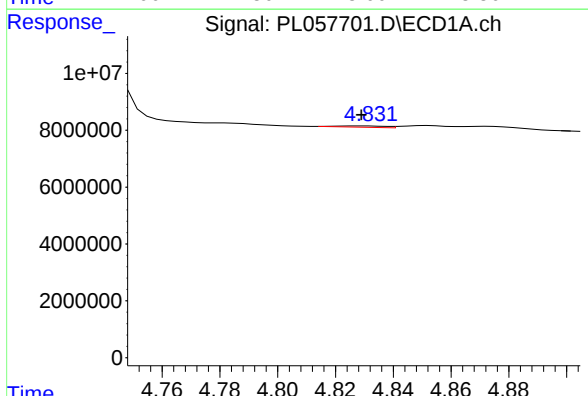
R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 2096362  
Conc: 6.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



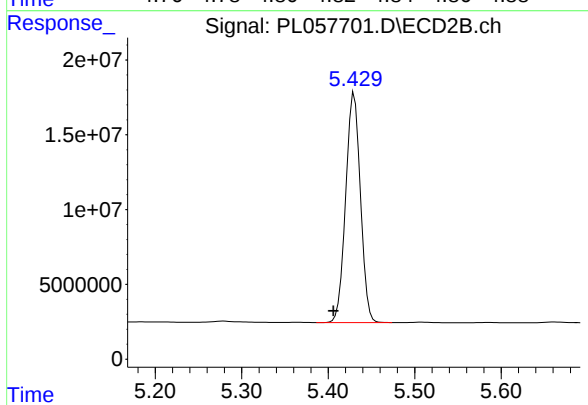
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.941 min  
Response: 0  
Conc: N.D.



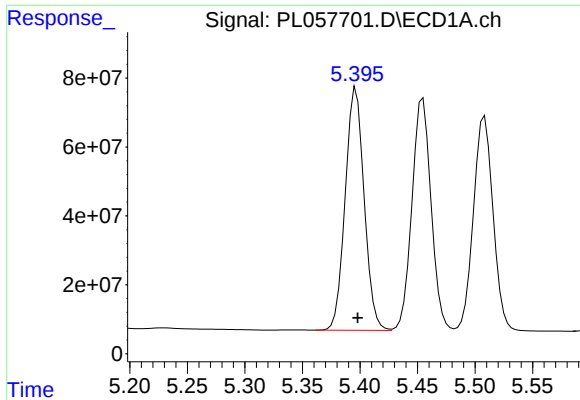
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 536004  
Conc: 1.48 ng/ml



#24 Chlordane-2

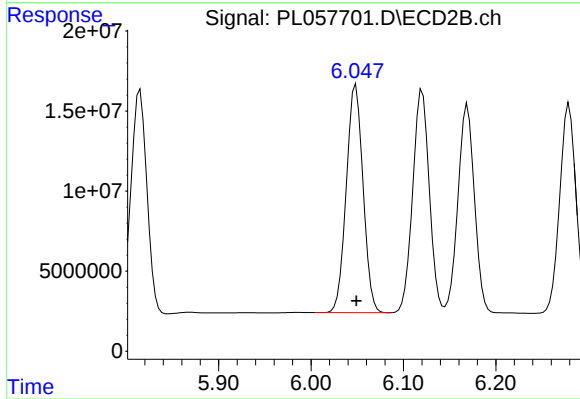
R.T.: 5.430 min  
Delta R.T.: 0.024 min  
Response: 180552556  
Conc: 1915.86 ng/ml



#25 Chlordane-3

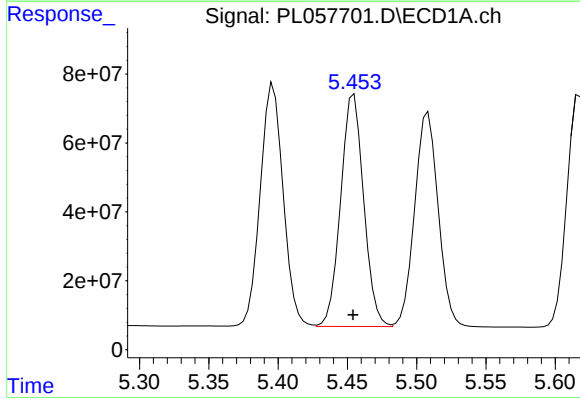
R.T.: 5.397 min  
Delta R.T.: -0.001 min  
Response: 809166862  
Conc: 717.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



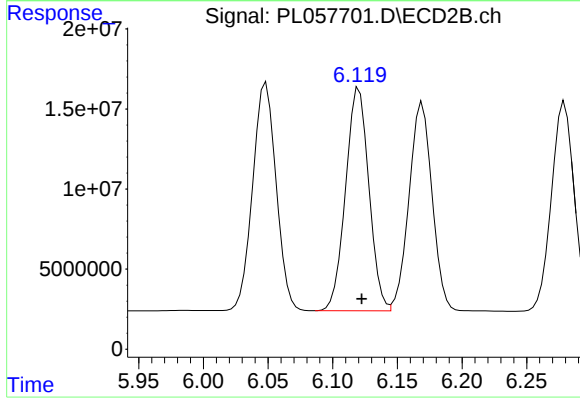
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 179620589  
Conc: 473.68 ng/ml



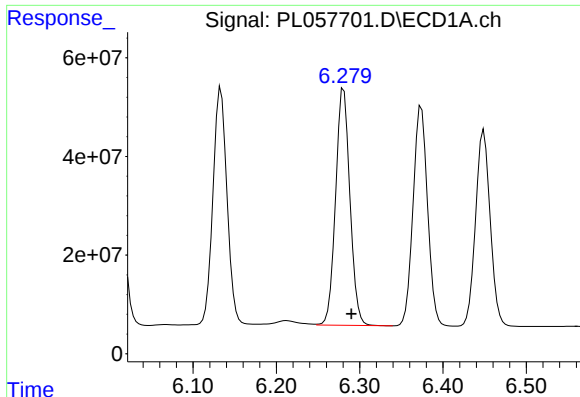
#26 Chlordane-4

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 779348478  
Conc: 812.95 ng/ml



#26 Chlordane-4

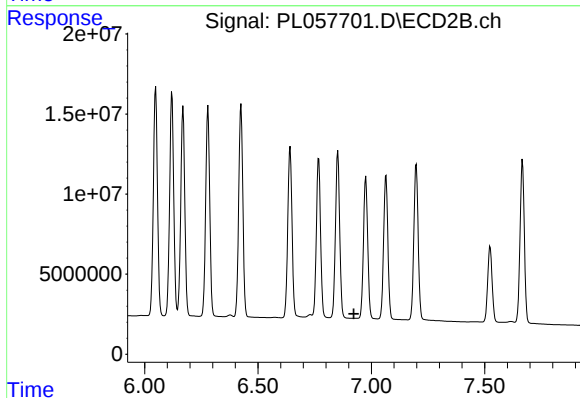
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 174396854  
Conc: 381.03 ng/ml



#27 Chlordane-5

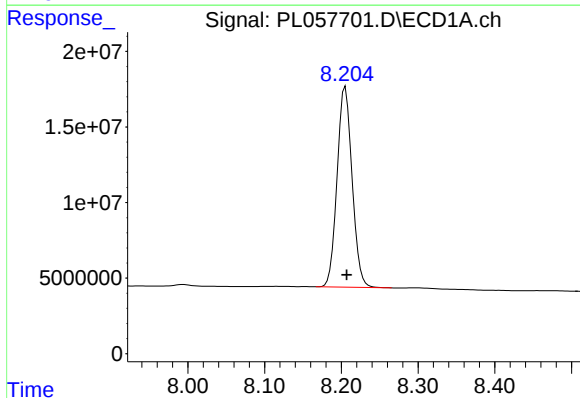
R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 574977431  
Conc: 1580.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



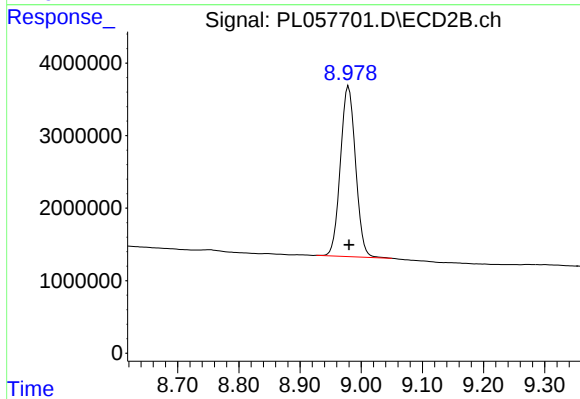
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: -0.002 min  
Response: 180410291  
Conc: 17.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: 0.000 min  
Response: 40451370  
Conc: 18.24 ng/ml