

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080719\  
 Data File : PL051171.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2019 19:27  
 Operator : SM\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: Aug 08 02:01:05 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.318 | 3.928  | 544.2E6 | 147.6E6  | 54.158   | 51.746     |
| 28)                         | SA Decachlor... | 7.978 | 8.957  | 572.4E6 | 147.3E6  | 56.531   | 52.084     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.745 | 4.316  | 917.4E6 | 223.7E6  | 54.743   | 54.219     |
| 3)                          | MA gamma-BHC... | 4.021 | 4.600  | 858.5E6 | 209.2E6  | 55.813   | 54.021     |
| 4)                          | MA Heptachlor   | 4.304 | 5.101  | 892.3E6 | 218.3E6  | 54.381   | 52.653     |
| 5)                          | MB Aldrin       | 4.542 | 5.403  | 865.4E6 | 206.6E6  | 55.865   | 54.829     |
| 6)                          | B beta-BHC      | 4.276 | 4.776  | 356.1E6 | 96548949 | 54.321   | 55.846     |
| 7)                          | B delta-BHC     | 4.468 | 4.990  | 905.6E6 | 211.9E6  | 55.188   | 54.776     |
| 8)                          | B Heptachlo...  | 4.979 | 5.789  | 800.1E6 | 199.7E6  | 54.157   | 52.222     |
| 9)                          | A Endosulfan I  | 5.308 | 6.144  | 757.0E6 | 187.3E6  | 52.046   | 54.461     |
| 10)                         | B gamma-Chl...  | 5.201 | 6.023  | 845.4E6 | 203.3E6  | 53.564   | 55.006     |
| 11)                         | B alpha-Chl...  | 5.256 | 6.095  | 811.7E6 | 200.6E6  | 53.208   | 54.726     |
| 12)                         | B 4,4'-DDE      | 5.424 | 6.255  | 750.5E6 | 198.4E6  | 50.083   | 55.070     |
| 13)                         | MA Dieldrin     | 5.547 | 6.401  | 843.6E6 | 197.0E6  | 54.440   | 55.631     |
| 14)                         | MA Endrin       | 5.799 | 6.618  | 744.9E6 | 161.7E6  | 50.600   | 52.145     |
| 15)                         | B Endosulfa...  | 6.075 | 6.830  | 731.7E6 | 174.4E6  | 52.284   | 54.847     |
| 16)                         | A 4,4'-DDD      | 5.934 | 6.746  | 678.5E6 | 155.7E6  | 56.621   | 58.463     |
| 17)                         | MA 4,4'-DDT     | 6.168 | 7.042  | 620.7E6 | 143.0E6  | 50.115   | 52.978     |
| 18)                         | B Endrin al...  | 6.242 | 6.954  | 597.2E6 | 137.9E6  | 51.764   | 50.725     |
| 19)                         | B Endosulfa...  | 6.453 | 7.177  | 664.8E6 | 161.3E6  | 52.185   | 55.861     |
| 20)                         | A Methoxychlor  | 6.713 | 7.504  | 311.3E6 | 77552249 | 49.902   | 52.855     |
| 21)                         | B Endrin ke...  | 6.934 | 7.645  | 755.8E6 | 172.1E6  | 55.260   | 59.519     |
| 22)                         | Mirex           | 7.108 | 8.094  | 510.1E6 | 126.4E6  | 52.031   | 55.046     |
| 24)                         | Chlordane-2     | 0.000 | 5.403f | 0       | 206.6E6  | N.D.     | 1759.138 # |
| 25)                         | Chlordane-3     | 5.201 | 6.023  | 845.4E6 | 203.3E6  | 603.958  | 422.599 #  |
| 26)                         | Chlordane-4     | 5.256 | 6.095  | 811.7E6 | 200.6E6  | 615.432  | 345.278 #  |
| 27)                         | Chlordane-5     | 6.075 | 0.000  | 731.7E6 | 0        | 1440.563 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

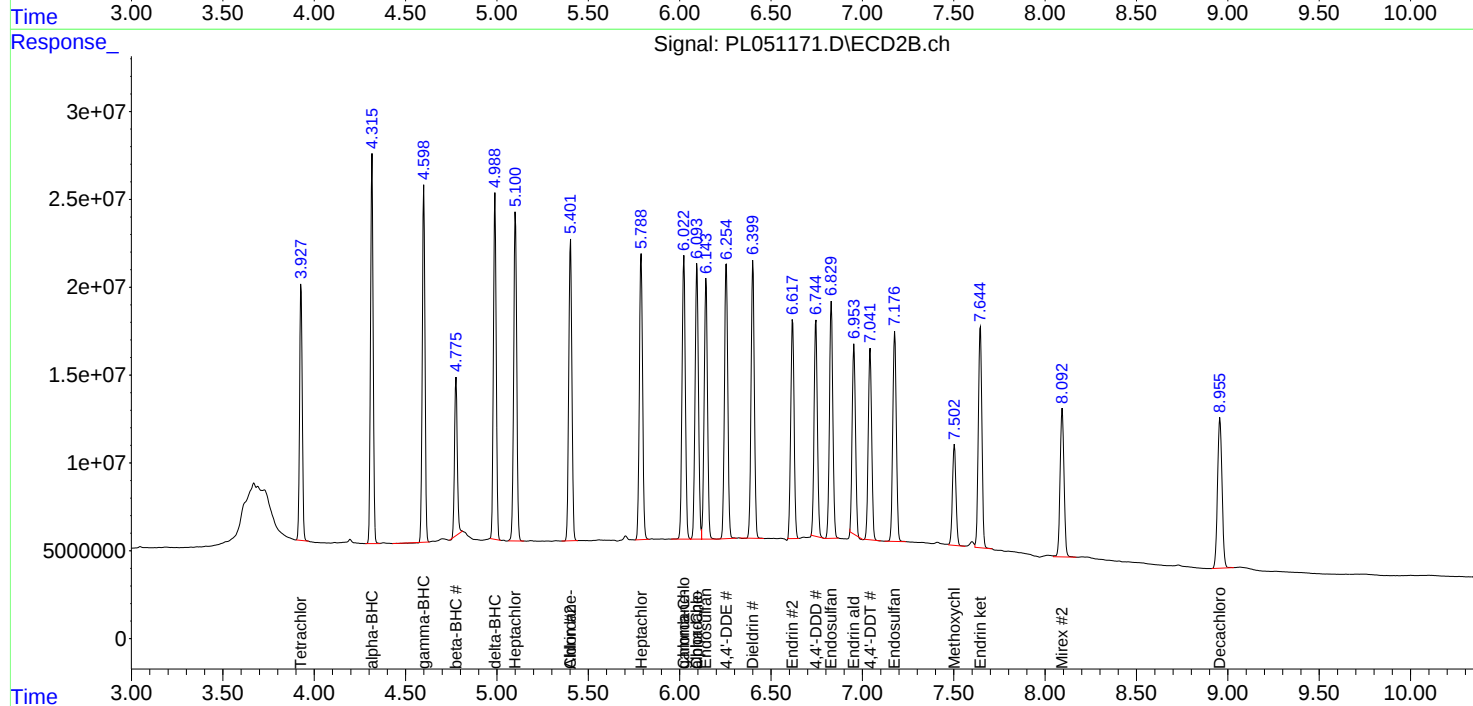
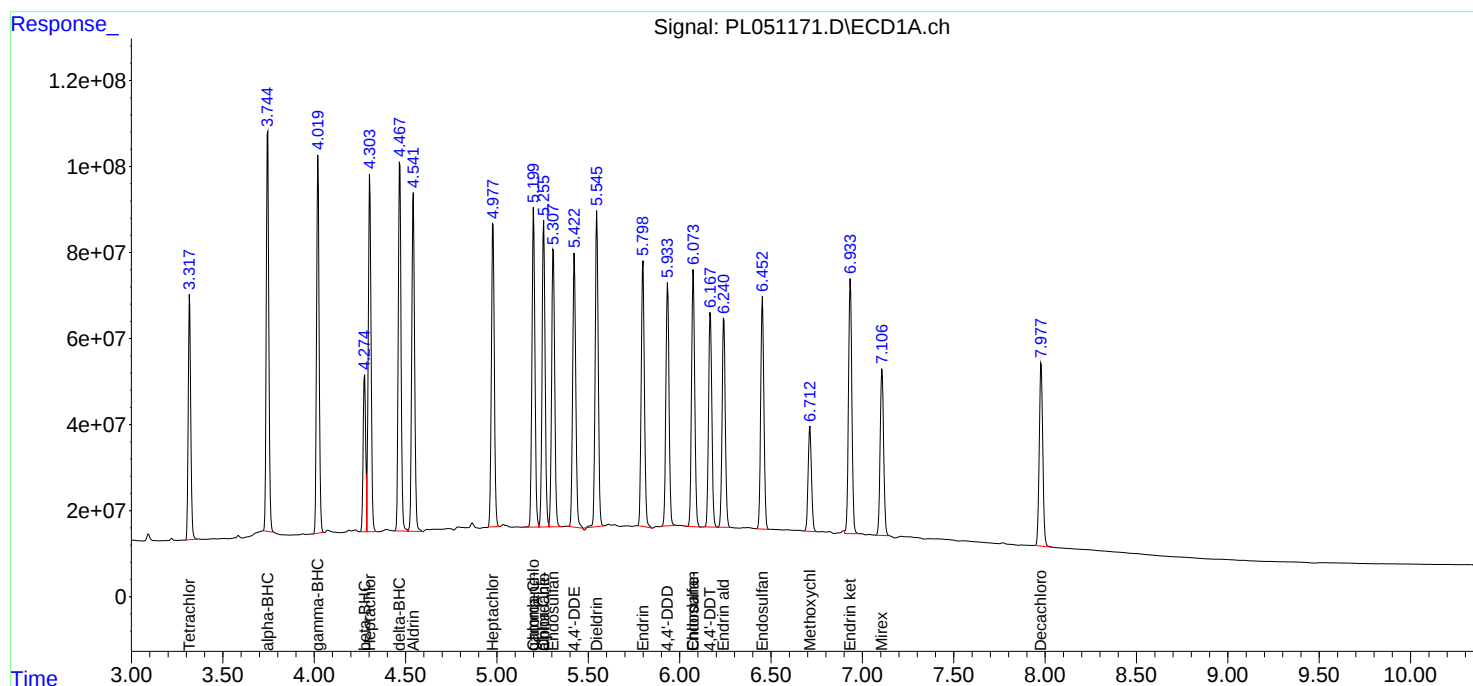
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

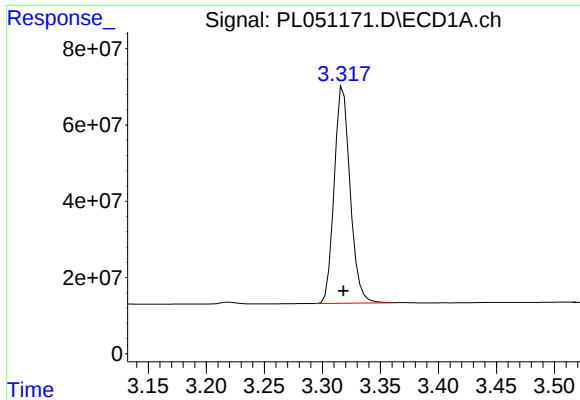
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080719\  
Data File : PL051171.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Aug 2019 19:27  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 02:01:05 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

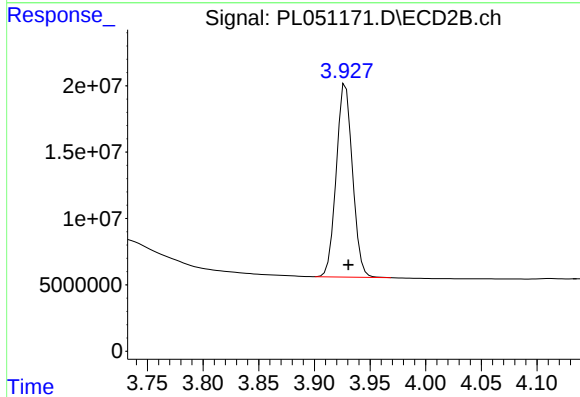




#1 Tetrachloro-m-xylene

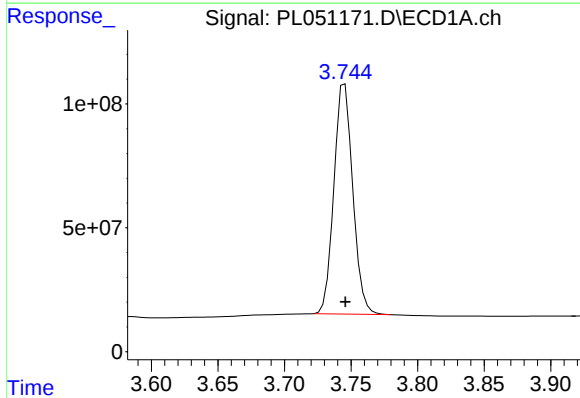
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 544167270  
Conc: 54.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



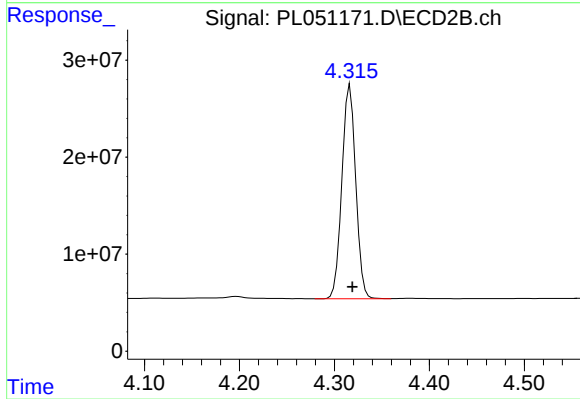
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 147642466  
Conc: 51.75 ng/ml



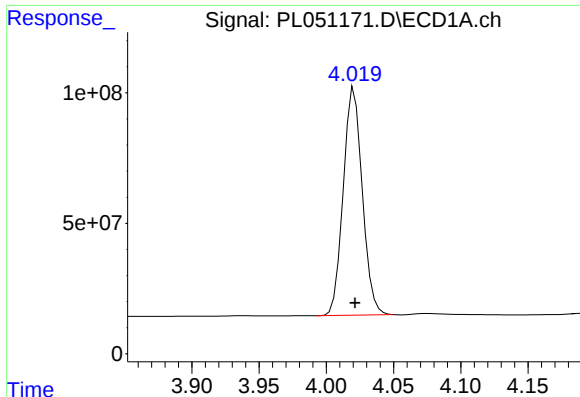
#2 alpha-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 917370987  
Conc: 54.74 ng/ml



#2 alpha-BHC

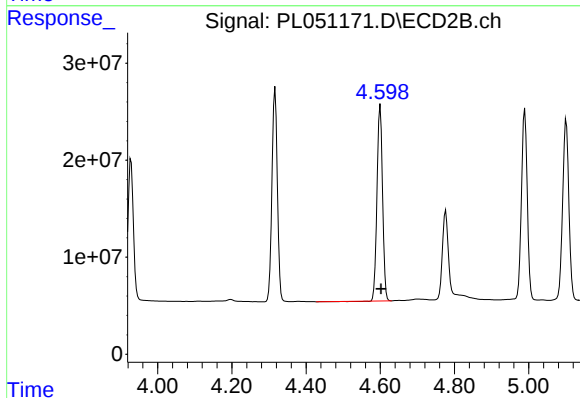
R.T.: 4.316 min  
Delta R.T.: -0.002 min  
Response: 223705885  
Conc: 54.22 ng/ml



#3 gamma-BHC (Lindane)

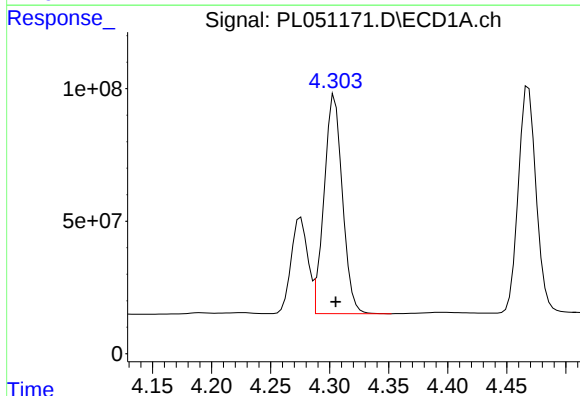
R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 858491788  
Conc: 55.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



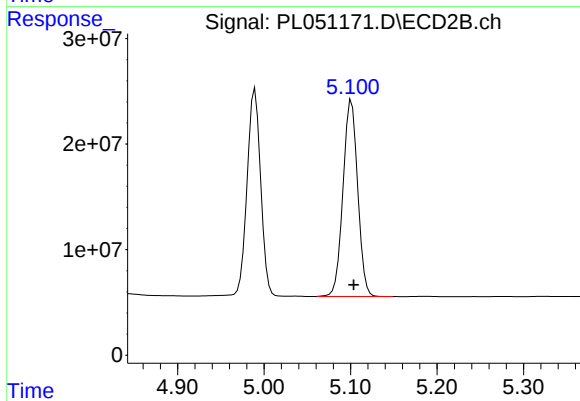
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 209234746  
Conc: 54.02 ng/ml



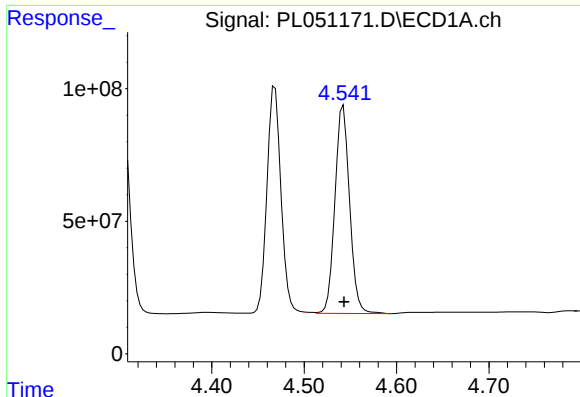
#4 Heptachlor

R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 892269569  
Conc: 54.38 ng/ml



#4 Heptachlor

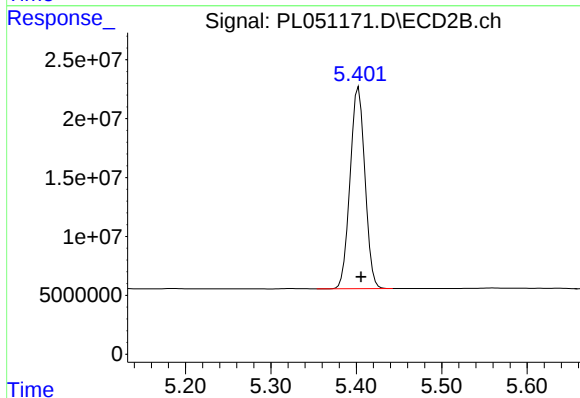
R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 218336053  
Conc: 52.65 ng/ml



#5 Aldrin

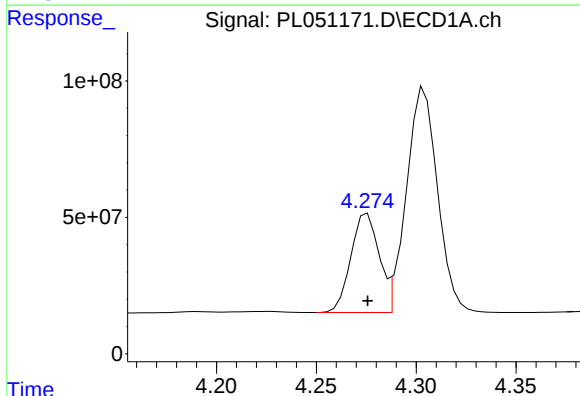
R.T.: 4.542 min  
Delta R.T.: 0.000 min  
Response: 865433289  
Conc: 55.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



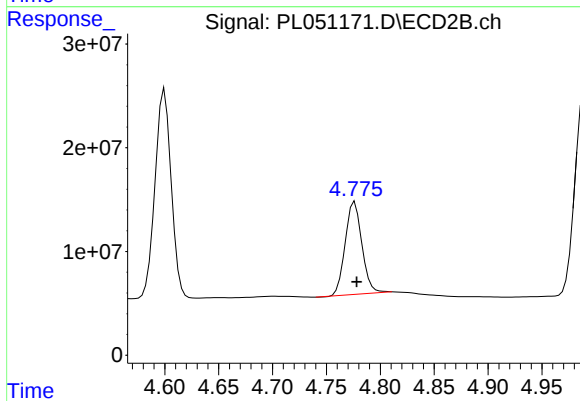
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 206615055  
Conc: 54.83 ng/ml



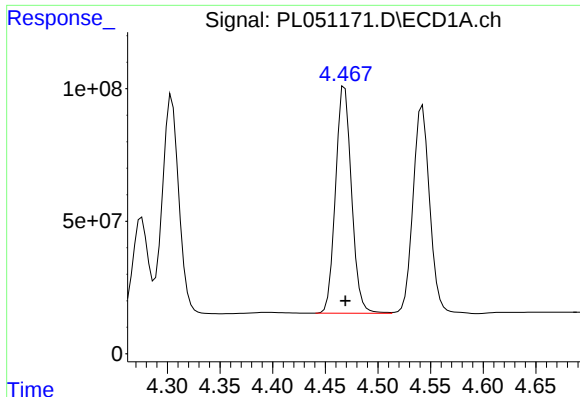
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 356119937  
Conc: 54.32 ng/ml



#6 beta-BHC

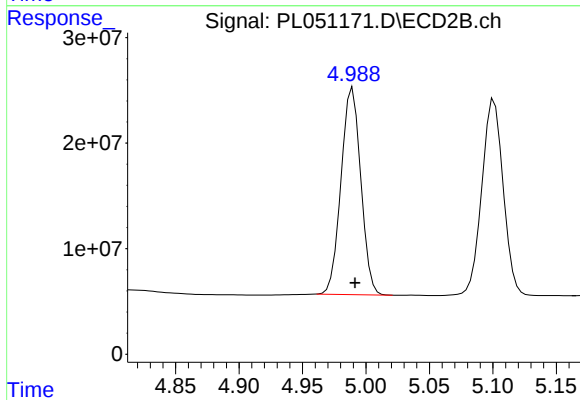
R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 96548949  
Conc: 55.85 ng/ml



#7 delta-BHC

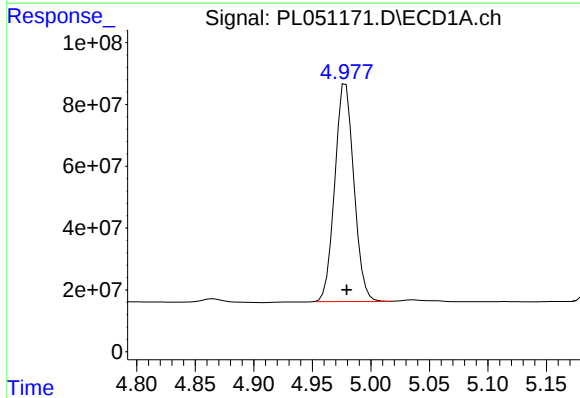
R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 905556548  
Conc: 55.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



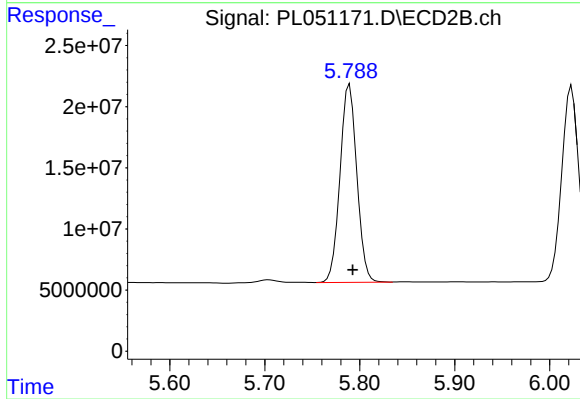
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 211853177  
Conc: 54.78 ng/ml



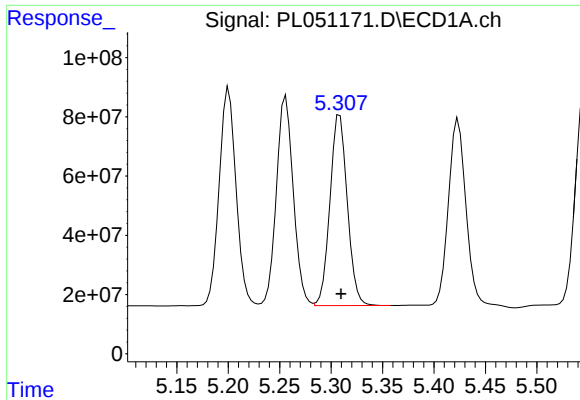
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 800095802  
Conc: 54.16 ng/ml



#8 Heptachlor epoxide

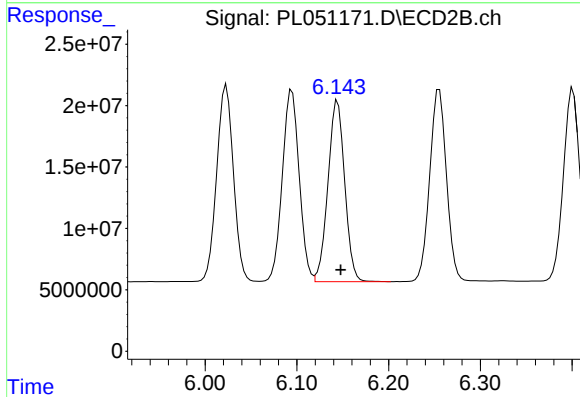
R.T.: 5.789 min  
Delta R.T.: -0.003 min  
Response: 199739300  
Conc: 52.22 ng/ml



#9 Endosulfan I

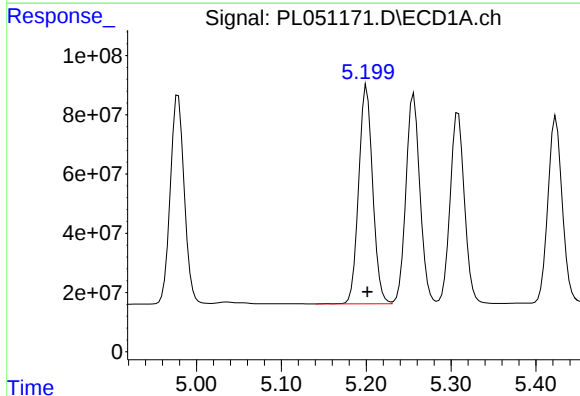
R.T.: 5.308 min  
Delta R.T.: -0.002 min  
Response: 756952639  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



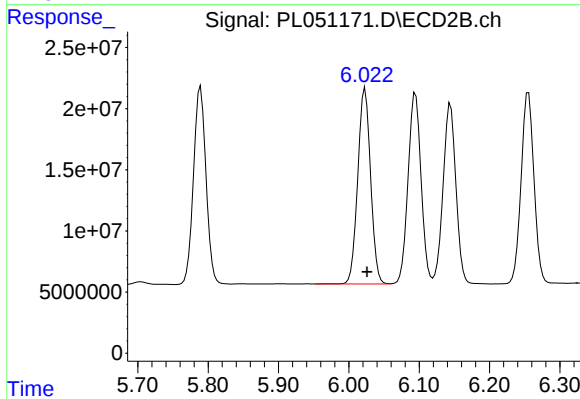
#9 Endosulfan I

R.T.: 6.144 min  
Delta R.T.: -0.003 min  
Response: 187284997  
Conc: 54.46 ng/ml



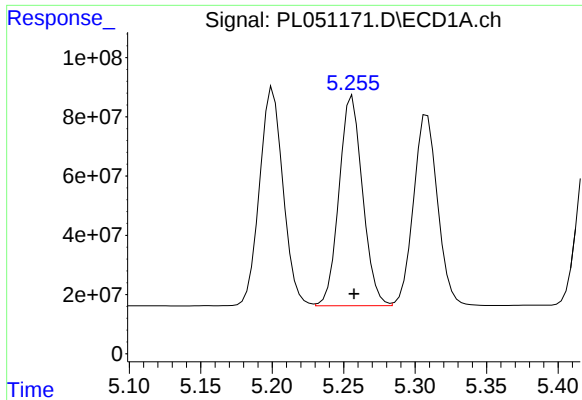
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: -0.001 min  
Response: 845413570  
Conc: 53.56 ng/ml



#10 gamma-Chlordane

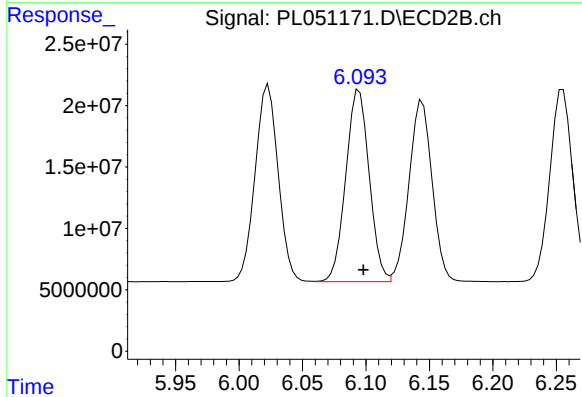
R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 203261913  
Conc: 55.01 ng/ml



#11 alpha-Chlordane

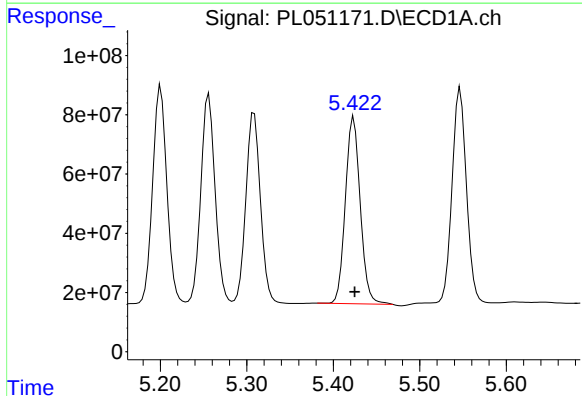
R.T.: 5.256 min  
Delta R.T.: -0.001 min  
Response: 811742073  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



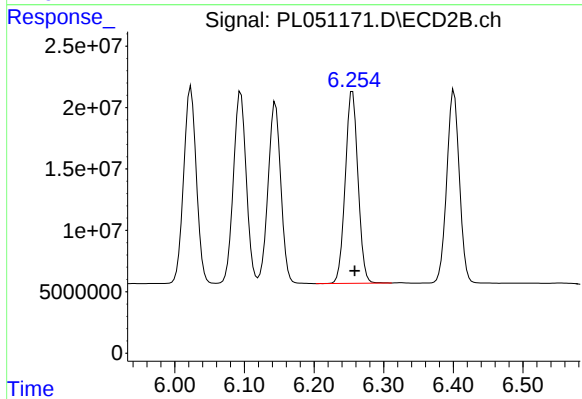
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 200578461  
Conc: 54.73 ng/ml



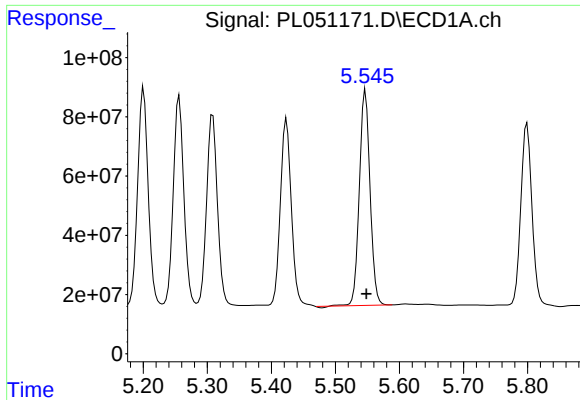
#12 4,4'-DDE

R.T.: 5.424 min  
Delta R.T.: -0.001 min  
Response: 750541287  
Conc: 50.08 ng/ml



#12 4,4'-DDE

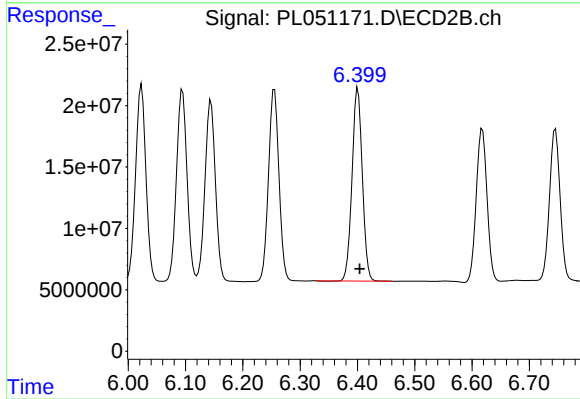
R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 198438913  
Conc: 55.07 ng/ml



#13 Dieldrin

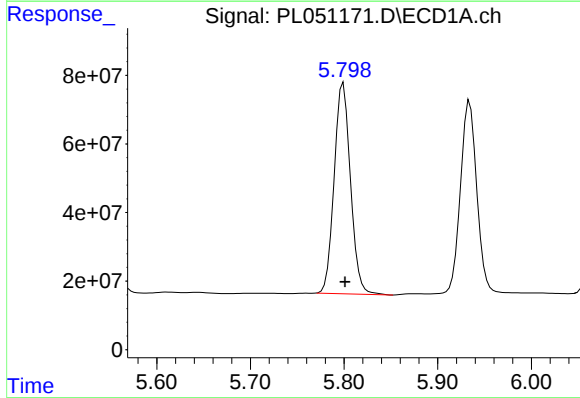
R.T.: 5.547 min  
Delta R.T.: -0.002 min  
Response: 843647558  
Conc: 54.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



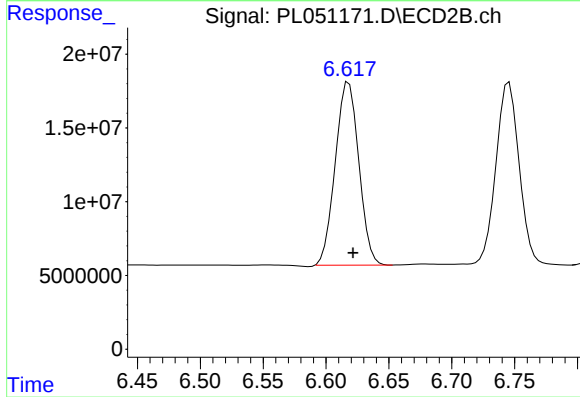
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 196997150  
Conc: 55.63 ng/ml



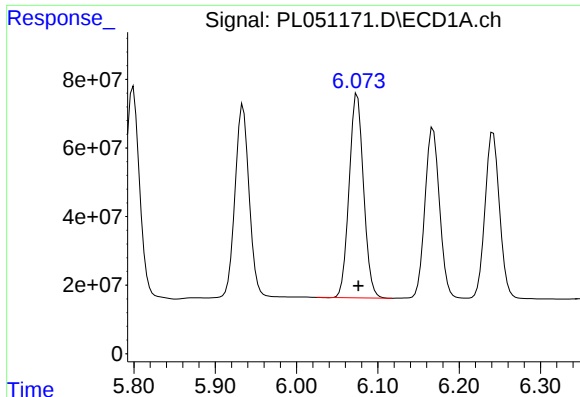
#14 Endrin

R.T.: 5.799 min  
Delta R.T.: -0.002 min  
Response: 744859110  
Conc: 50.60 ng/ml



#14 Endrin

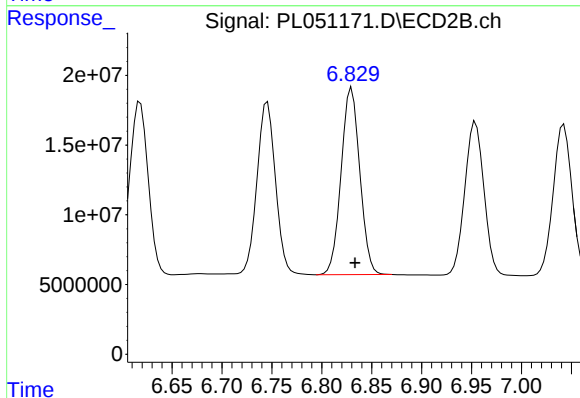
R.T.: 6.618 min  
Delta R.T.: -0.003 min  
Response: 161724210  
Conc: 52.14 ng/ml



#15 Endosulfan II

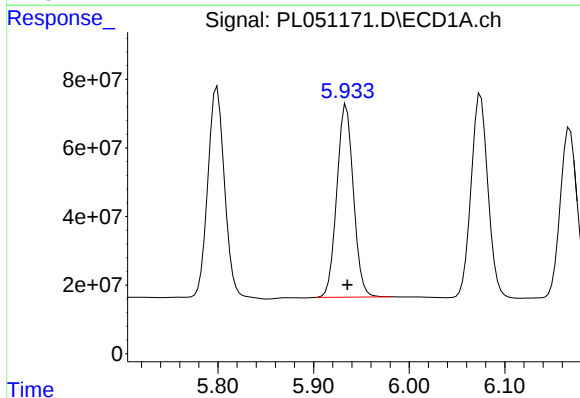
R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 731715246  
Conc: 52.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



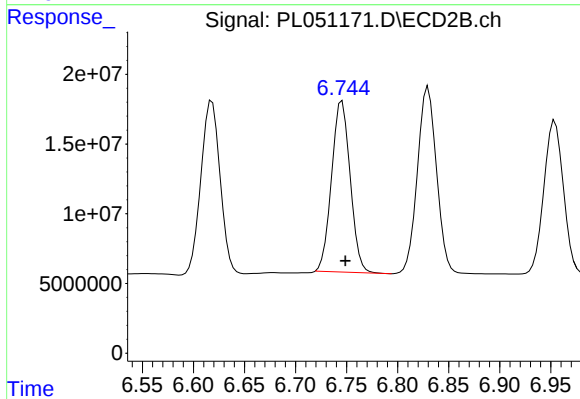
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 174370069  
Conc: 54.85 ng/ml



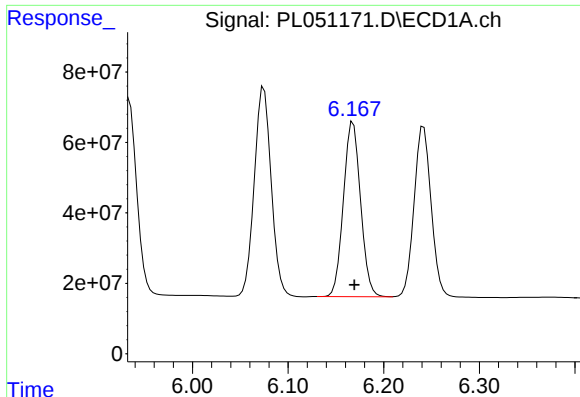
#16 4,4'-DDD

R.T.: 5.934 min  
Delta R.T.: -0.001 min  
Response: 678536028  
Conc: 56.62 ng/ml



#16 4,4'-DDD

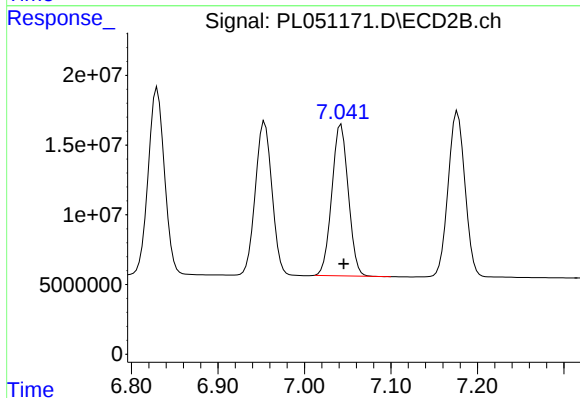
R.T.: 6.746 min  
Delta R.T.: -0.003 min  
Response: 155680871  
Conc: 58.46 ng/ml



#17 4,4'-DDT

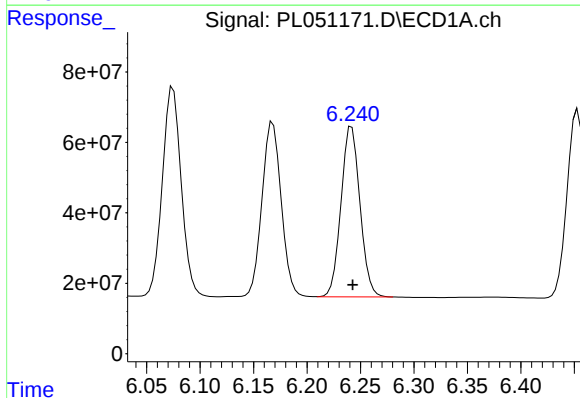
R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 620709151  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



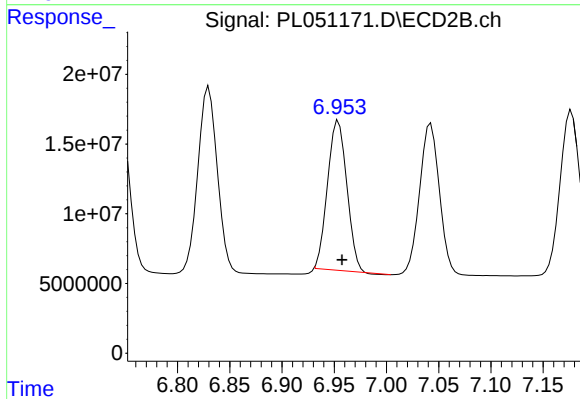
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.003 min  
Response: 143020361  
Conc: 52.98 ng/ml



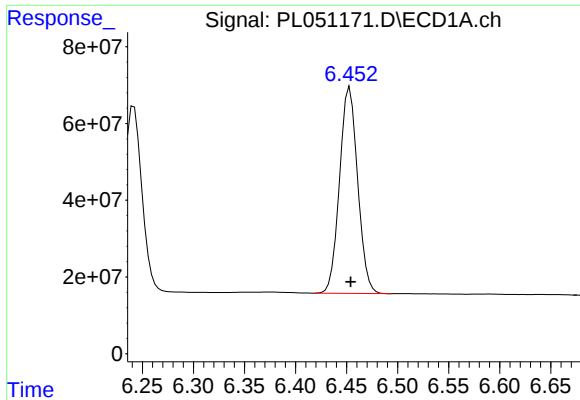
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 597167618  
Conc: 51.76 ng/ml



#18 Endrin aldehyde

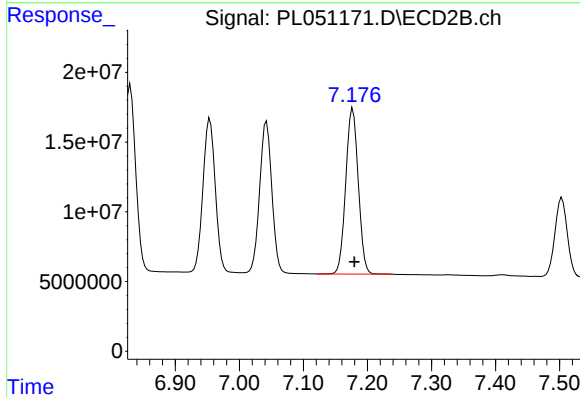
R.T.: 6.954 min  
Delta R.T.: -0.003 min  
Response: 137852052  
Conc: 50.73 ng/ml



#19 Endosulfan Sulfate

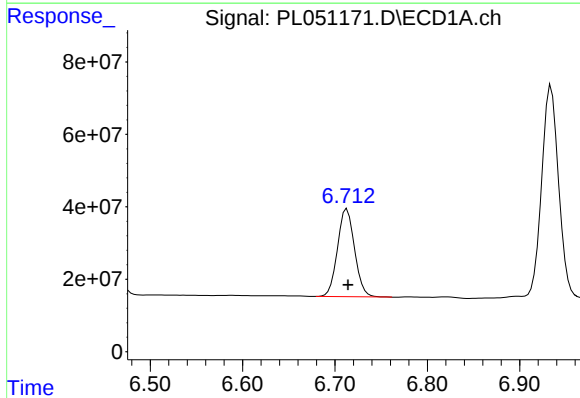
R.T.: 6.453 min  
Delta R.T.: -0.001 min  
Response: 664808214  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



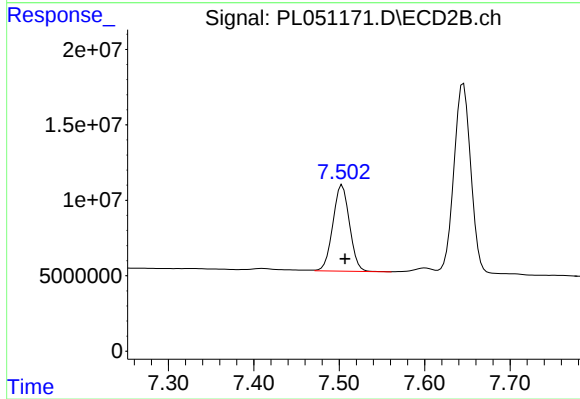
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 161339430  
Conc: 55.86 ng/ml



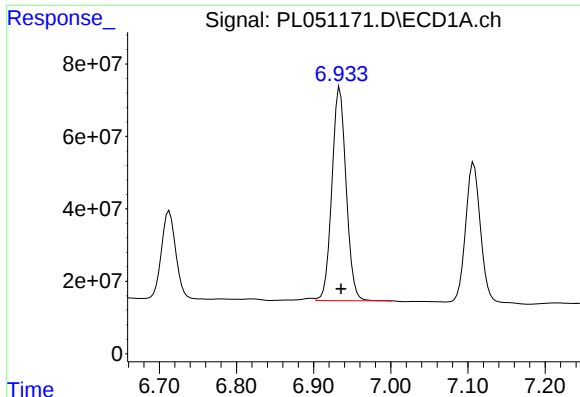
#20 Methoxychlor

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 311335647  
Conc: 49.90 ng/ml



#20 Methoxychlor

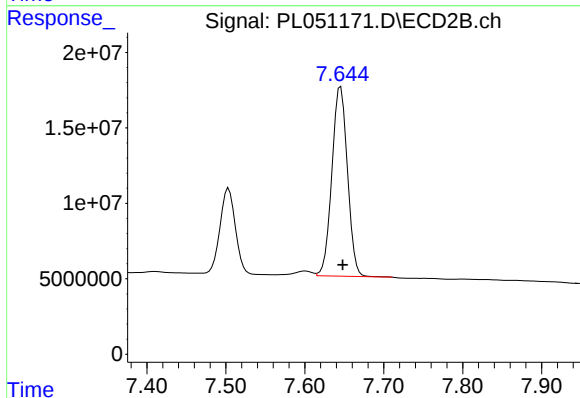
R.T.: 7.504 min  
Delta R.T.: -0.003 min  
Response: 77552249  
Conc: 52.85 ng/ml



#21 Endrin ketone

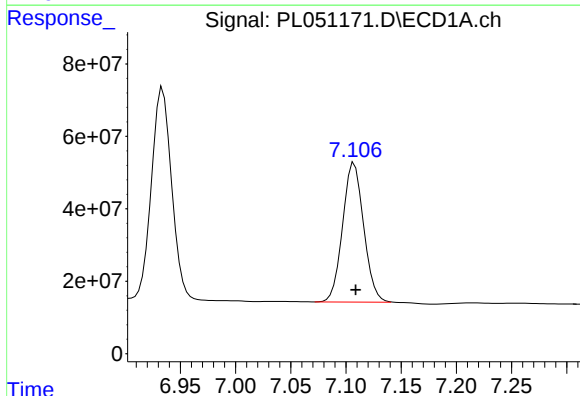
R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 755814049  
Conc: 55.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



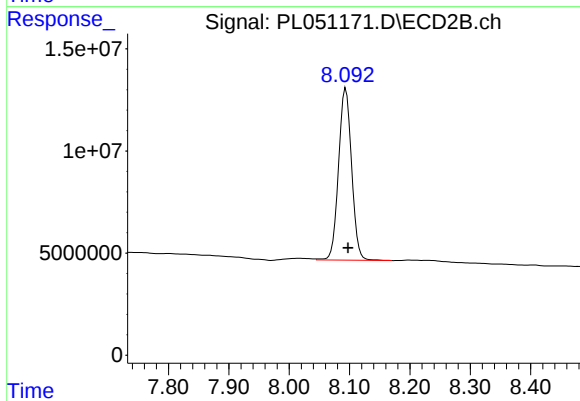
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 172085902  
Conc: 59.52 ng/ml



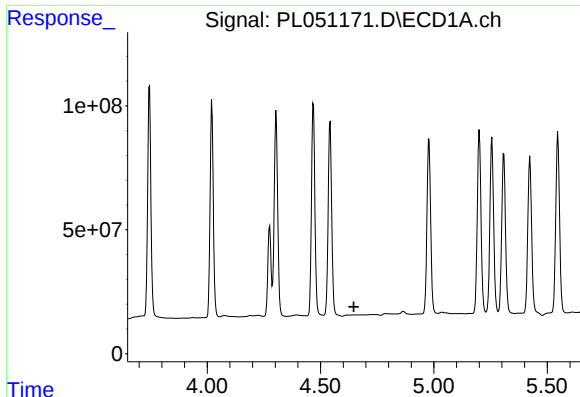
#22 Mirex

R.T.: 7.108 min  
Delta R.T.: -0.001 min  
Response: 510127919  
Conc: 52.03 ng/ml



#22 Mirex

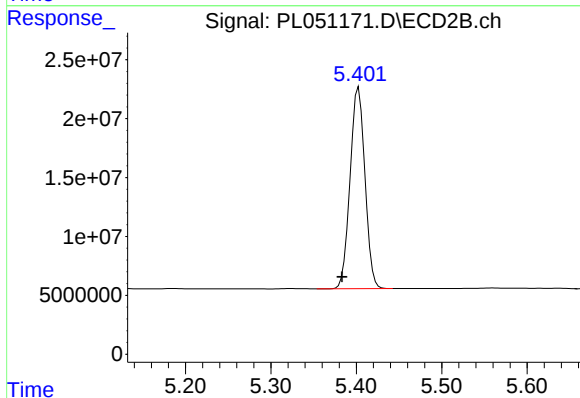
R.T.: 8.094 min  
Delta R.T.: -0.004 min  
Response: 126441095  
Conc: 55.05 ng/ml



#24 Chlordane-2

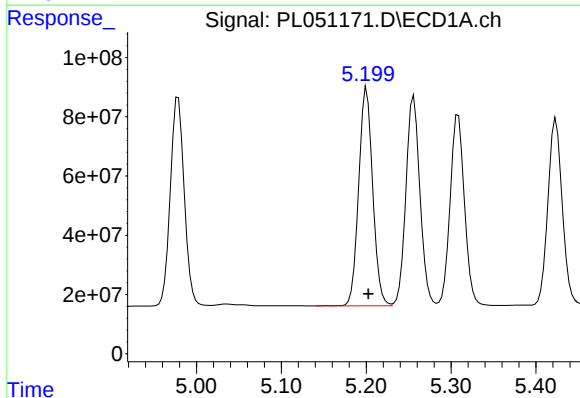
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



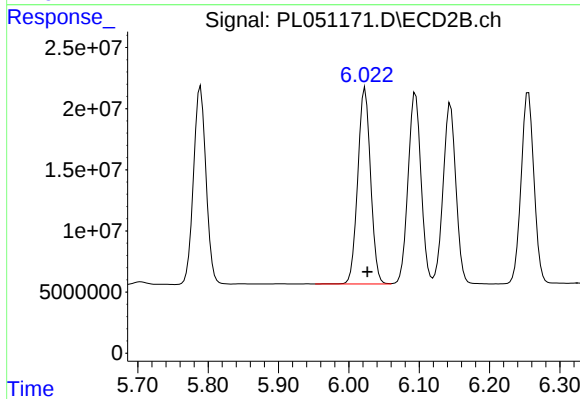
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.020 min  
Response: 206615055  
Conc: 1759.14 ng/ml



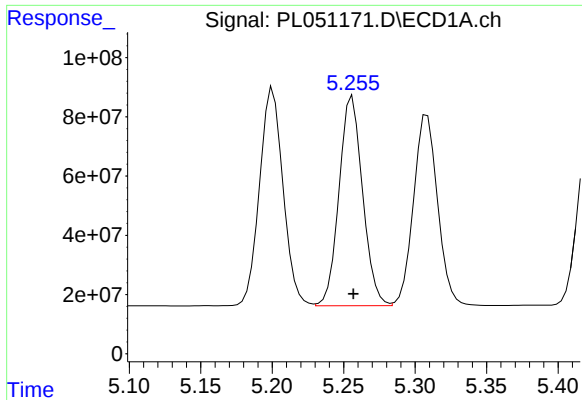
#25 Chlordane-3

R.T.: 5.201 min  
Delta R.T.: -0.002 min  
Response: 845413570  
Conc: 603.96 ng/ml



#25 Chlordane-3

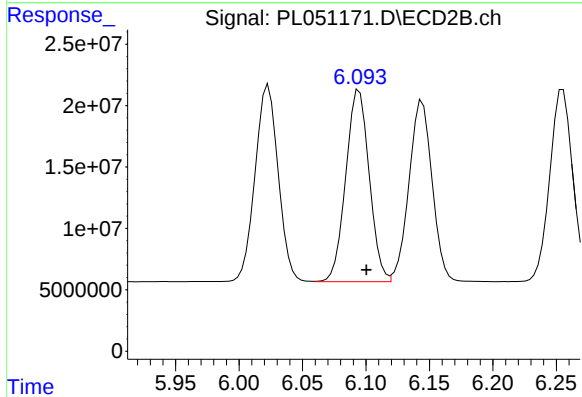
R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 203261913  
Conc: 422.60 ng/ml



#26 Chlordane-4

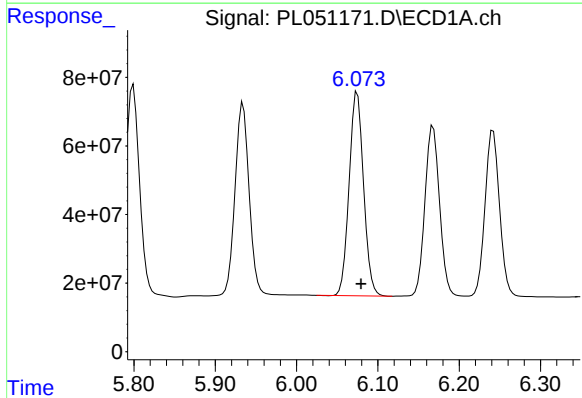
R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 811742073  
Conc: 615.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



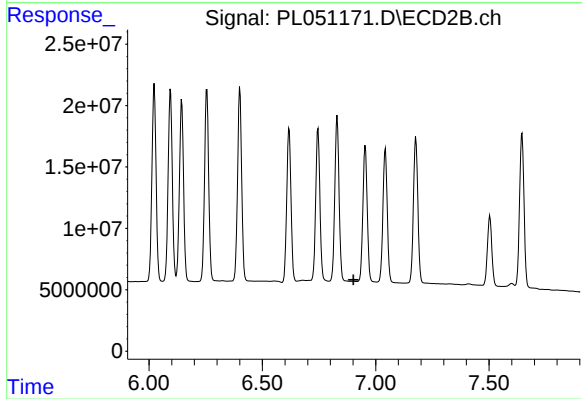
#26 Chlordane-4

R.T.: 6.095 min  
Delta R.T.: -0.006 min  
Response: 200578461  
Conc: 345.28 ng/ml



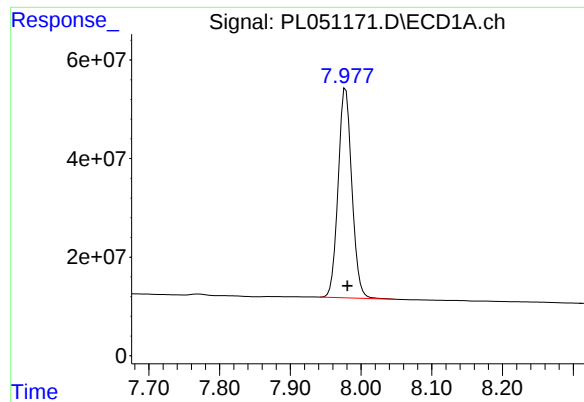
#27 Chlordane-5

R.T.: 6.075 min  
Delta R.T.: -0.004 min  
Response: 731715246  
Conc: 1440.56 ng/ml



#27 Chlordane-5

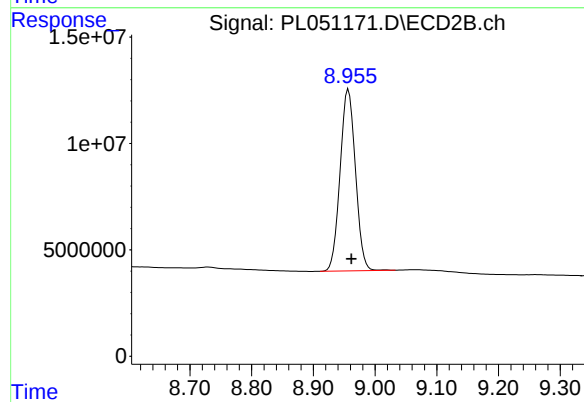
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.978 min  
Delta R.T.: -0.002 min  
Response: 572395177  
Conc: 56.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.005 min  
Response: 147289699  
Conc: 52.08 ng/ml