

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100520\  
 Data File : PL062019.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2020 18:43  
 Operator : DD\AJ  
 Sample : L4219-08MSD  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-01-100120MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 00:57:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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... | 3.458 | 4.007  | 35373825 | 54222011 | 20.735   | 19.874     |
| 28)                         | SA Decachlor... | 8.207 | 9.092  | 38668848 | 53941799 | 23.770   | 24.504     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.396  | 136.9E6  | 224.1E6  | 56.162   | 56.105     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.682  | 123.9E6  | 207.0E6  | 56.641   | 55.911     |
| 4)                          | MA Heptachlor   | 4.478 | 5.193  | 114.2E6  | 196.5E6  | 55.938   | 56.744     |
| 5)                          | MB Aldrin       | 4.726 | 5.499  | 102.7E6  | 184.0E6  | 56.909   | 56.784     |
| 6)                          | B beta-BHC      | 4.428 | 4.853  | 49770496 | 82632594 | 54.494   | 54.725     |
| 7)                          | B delta-BHC     | 4.632 | 5.071  | 118.8E6  | 182.8E6  | 57.961   | 71.735     |
| 8)                          | B Heptachlo...  | 5.168 | 5.886  | 99238487 | 167.2E6  | 56.842   | 67.451     |
| 9)                          | A Endosulfan I  | 5.507 | 6.244  | 92355112 | 154.8E6  | 56.994   | 56.034     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.121  | 98724610 | 168.9E6  | 56.847   | 57.531     |
| 11)                         | B alpha-Chl...  | 5.453 | 6.194  | 98537153 | 168.3E6  | 56.726   | 56.029     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.352  | 90580827 | 154.2E6  | 57.634   | 56.477     |
| 13)                         | MA Dieldrin     | 5.750 | 6.502  | 95417555 | 158.6E6  | 56.732   | 55.898     |
| 14)                         | MA Endrin       | 6.006 | 6.720  | 85596234 | 128.2E6  | 53.793   | 52.560     |
| 15)                         | B Endosulfa...  | 6.279 | 6.930  | 88270133 | 137.7E6  | 54.595   | 53.288     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.843  | 79510646 | 128.1E6  | 60.052   | 57.619     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.143  | 71334716 | 116.5E6  | 56.548   | 53.208     |
| 18)                         | B Endrin al...  | 6.447 | 7.055  | 76259395 | 117.8E6  | 54.231   | 55.030     |
| 19)                         | B Endosulfa...  | 6.661 | 7.278  | 86548866 | 131.1E6  | 55.945   | 55.996     |
| 20)                         | A Methoxychlor  | 6.920 | 7.603  | 42839111 | 65445457 | 52.985   | 51.942     |
| 21)                         | B Endrin ke...  | 7.150 | 7.750  | 101.4E6  | 139.2E6  | 59.346   | 59.325     |
| 22)                         | Mirex           | 7.338 | 8.205  | 74732963 | 99549400 | 53.308   | 56.500     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 184.0E6  | N.D.     | 1787.579 # |
| 25)                         | Chlordane-3     | 5.396 | 6.121  | 98724610 | 168.9E6  | 628.092  | 461.055 #  |
| 26)                         | Chlordane-4     | 5.453 | 6.194  | 98537153 | 168.3E6  | 755.239  | 374.873 #  |
| 27)                         | Chlordane-5     | 6.279 | 0.000  | 88270133 | 0        | 1618.852 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

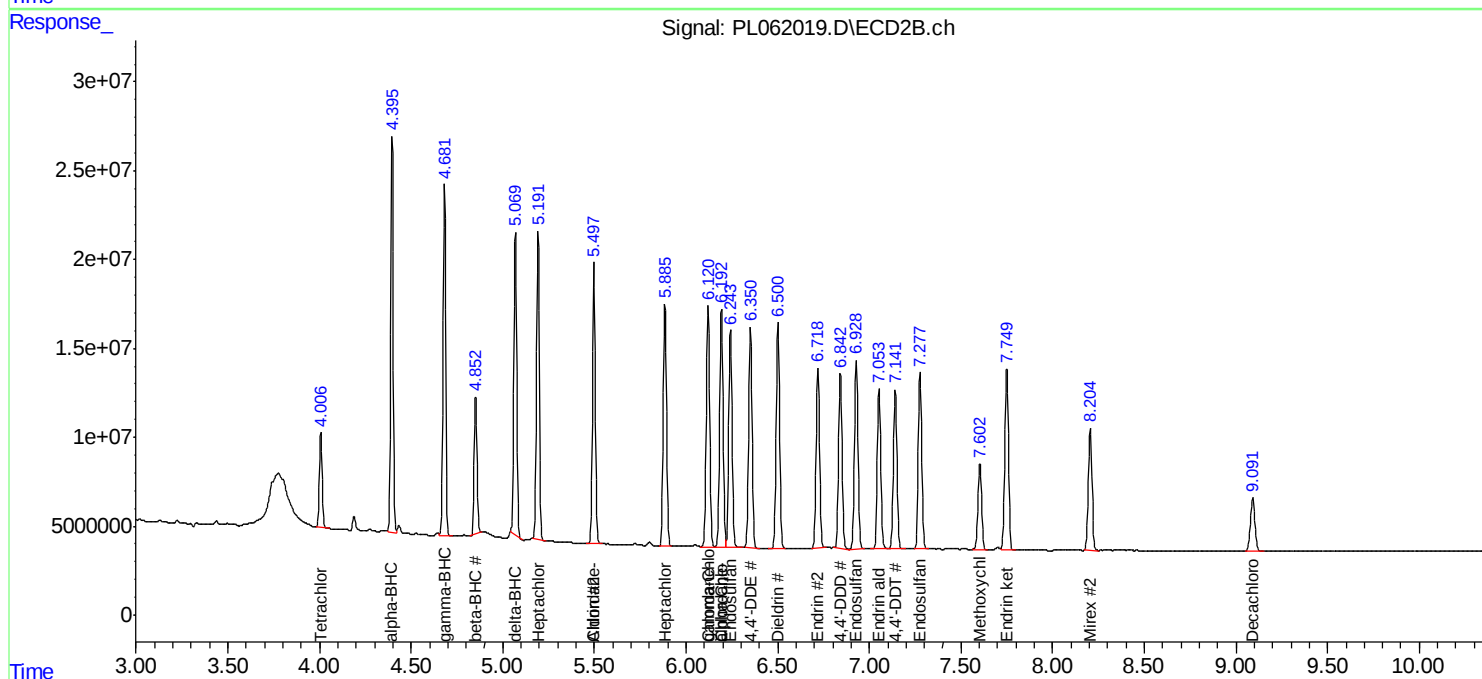
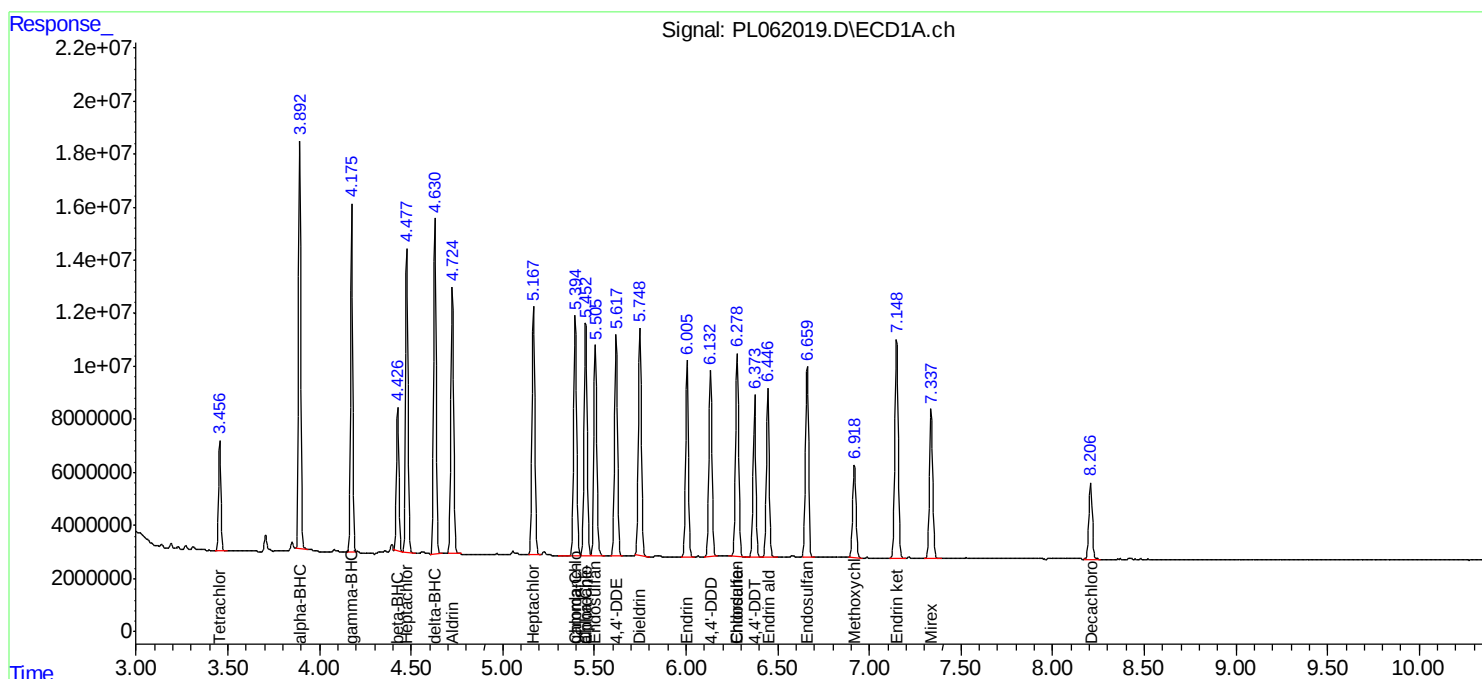
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

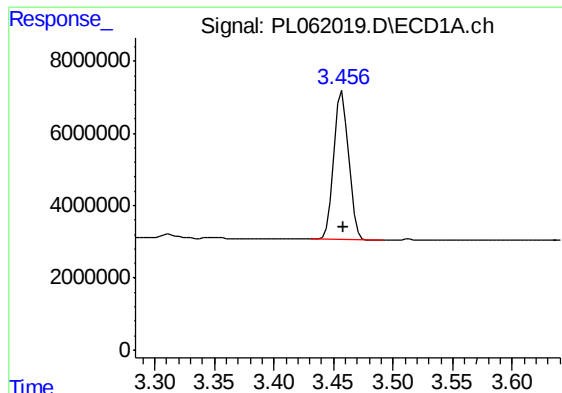
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100520\  
Data File : PL062019.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2020 18:43  
Operator : DD\AJ  
Sample : L4219-08MSD  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 00:57:11 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 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

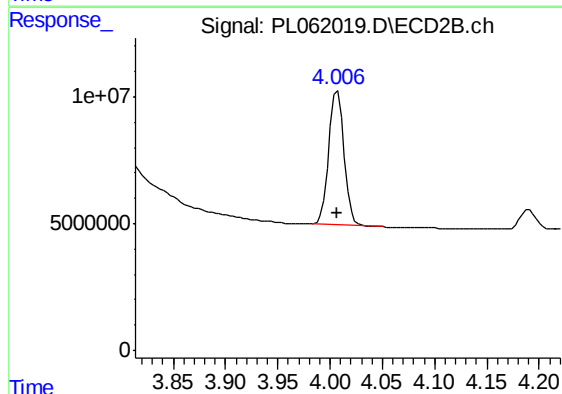




#1 Tetrachloro-m-xylene

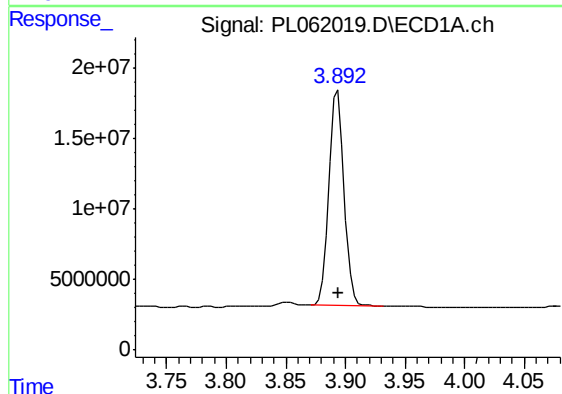
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 35373825  
Conc: 20.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



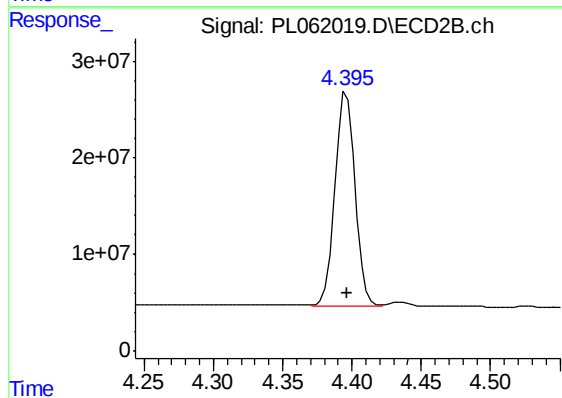
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 54222011  
Conc: 19.87 ng/ml



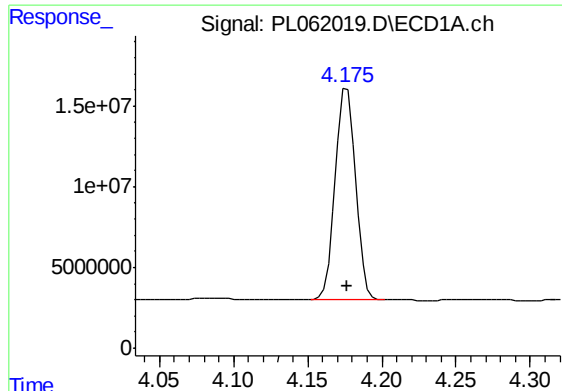
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 136890252  
Conc: 56.16 ng/ml



#2 alpha-BHC

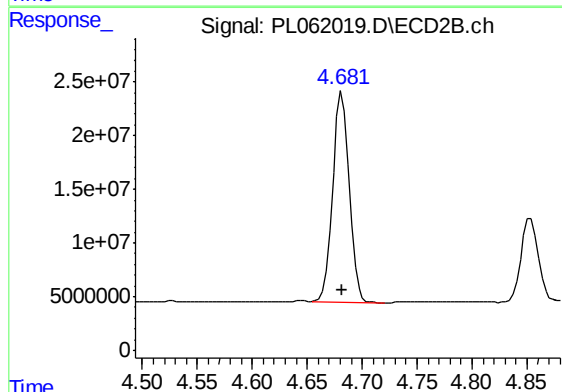
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 224102310  
Conc: 56.11 ng/ml



#3 gamma-BHC (Lindane)

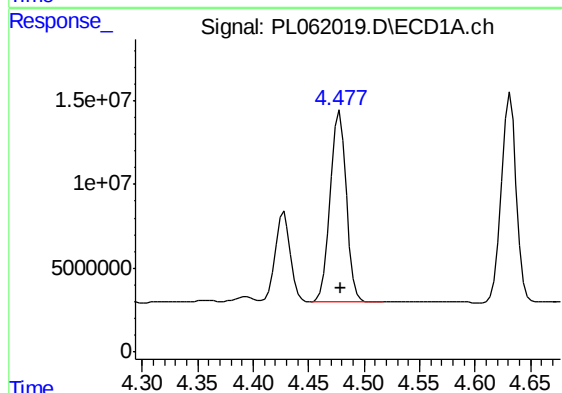
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 123886019  
Conc: 56.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



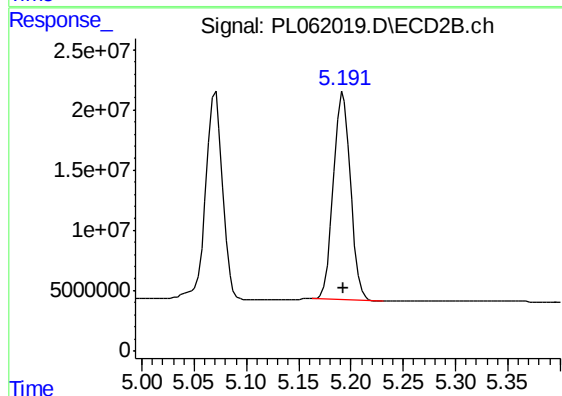
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 206979558  
Conc: 55.91 ng/ml



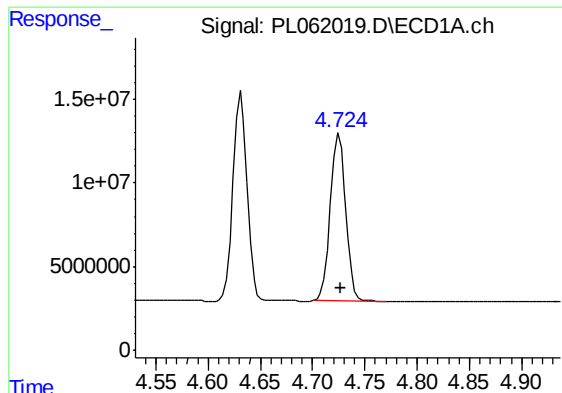
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 114150229  
Conc: 55.94 ng/ml



#4 Heptachlor

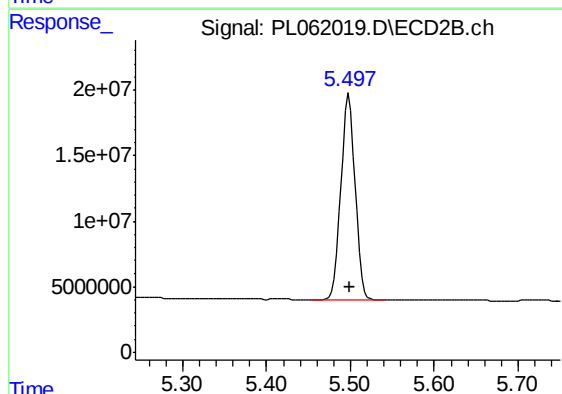
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 196497265  
Conc: 56.74 ng/ml



#5 Aldrin

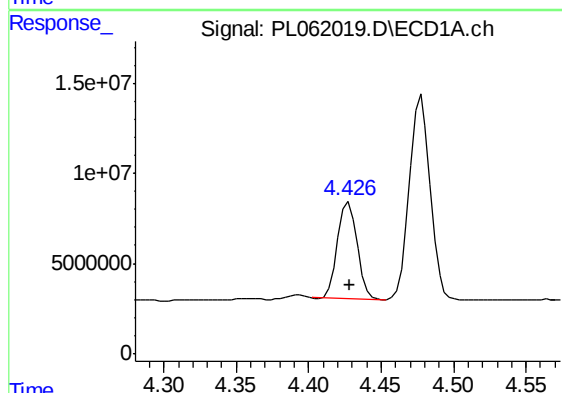
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 102681851  
Conc: 56.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



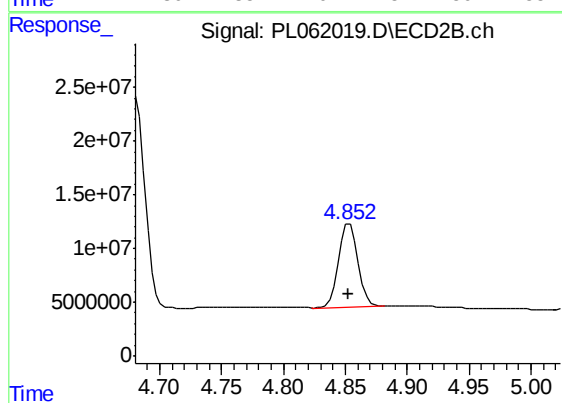
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 183950537  
Conc: 56.78 ng/ml



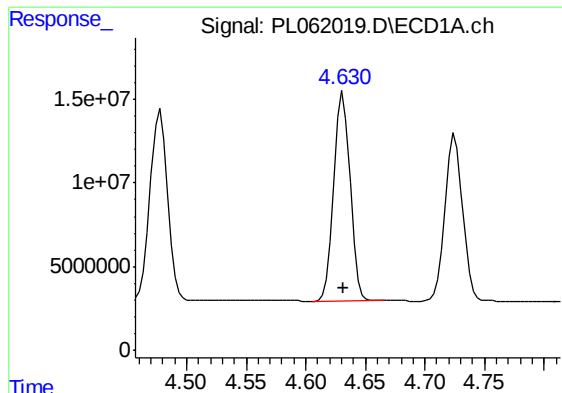
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 49770496  
Conc: 54.49 ng/ml



#6 beta-BHC

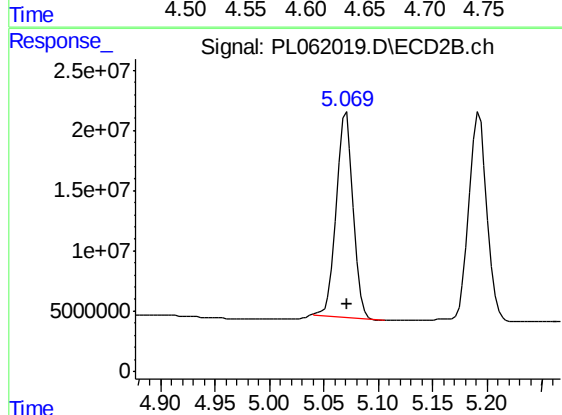
R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 82632594  
Conc: 54.72 ng/ml



#7 delta-BHC

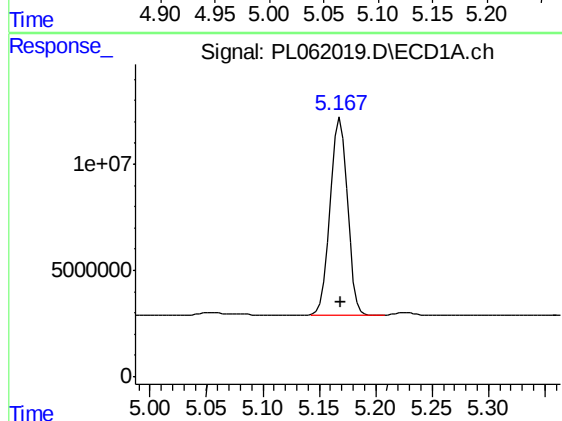
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 118832265  
Conc: 57.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



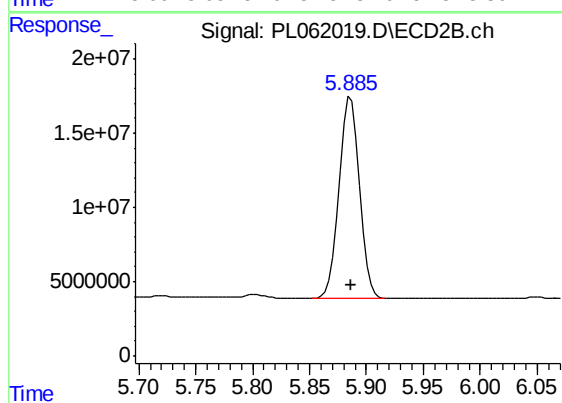
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 182786340  
Conc: 71.73 ng/ml



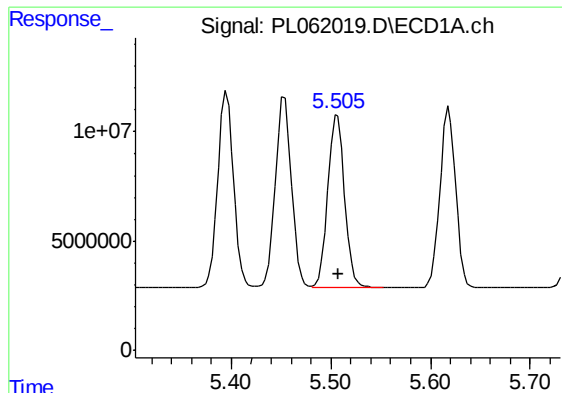
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: -0.001 min  
Response: 99238487  
Conc: 56.84 ng/ml



#8 Heptachlor epoxide

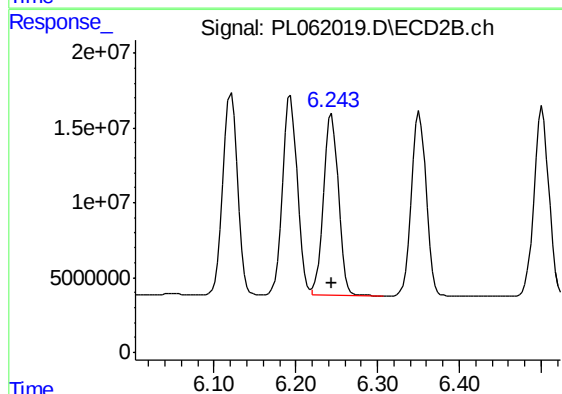
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 167167071  
Conc: 67.45 ng/ml



#9 Endosulfan I

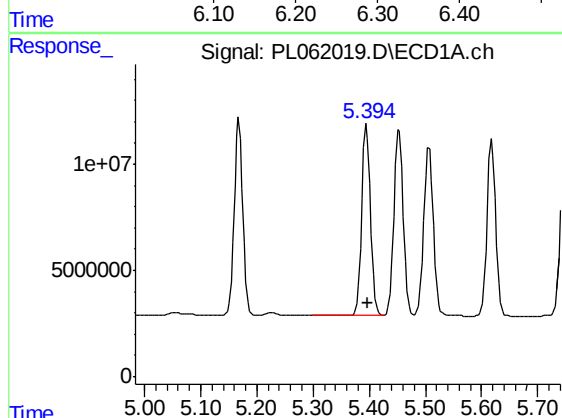
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 92355112  
Conc: 56.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



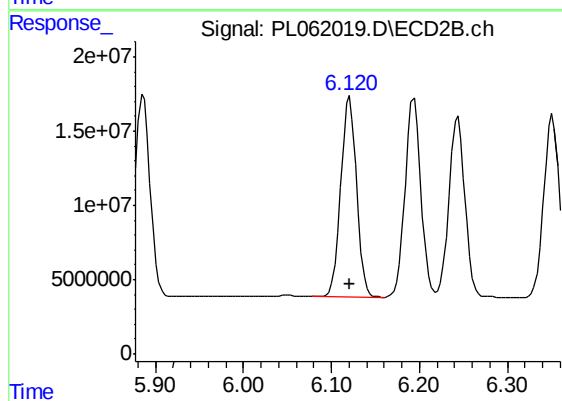
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 154795977  
Conc: 56.03 ng/ml



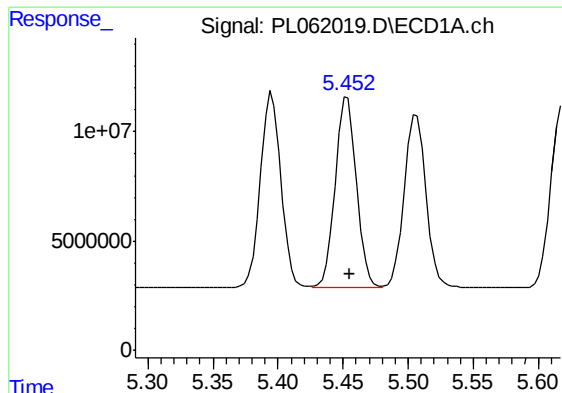
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 98724610  
Conc: 56.85 ng/ml



#10 gamma-Chlordane

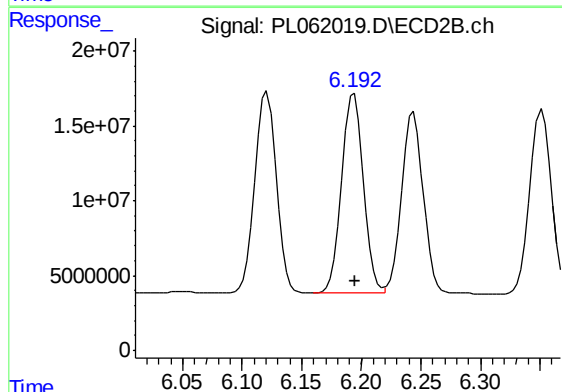
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 168947670  
Conc: 57.53 ng/ml



#11 alpha-Chlordane

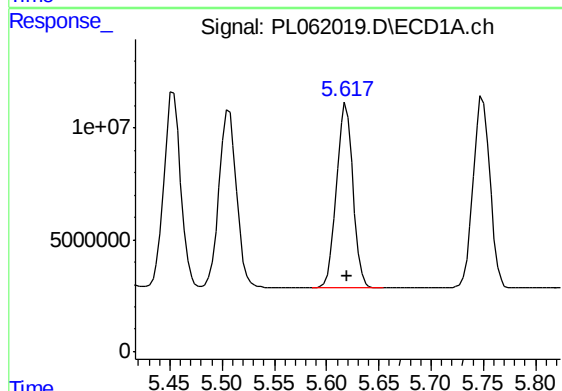
R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 98537153  
Conc: 56.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



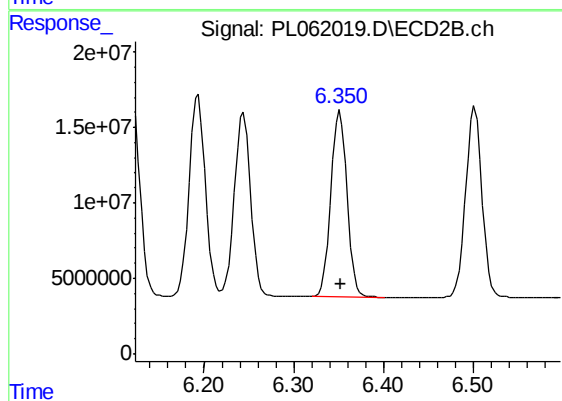
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 168286508  
Conc: 56.03 ng/ml



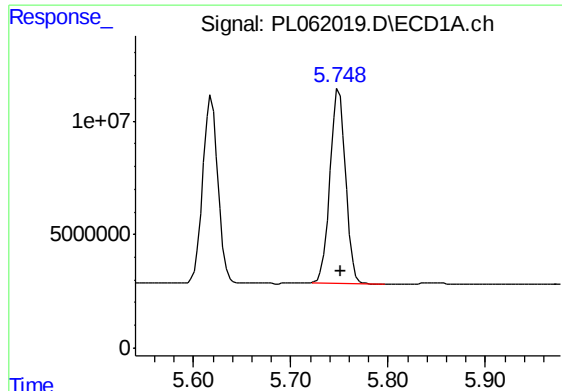
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 90580827  
Conc: 57.63 ng/ml



#12 4,4'-DDE

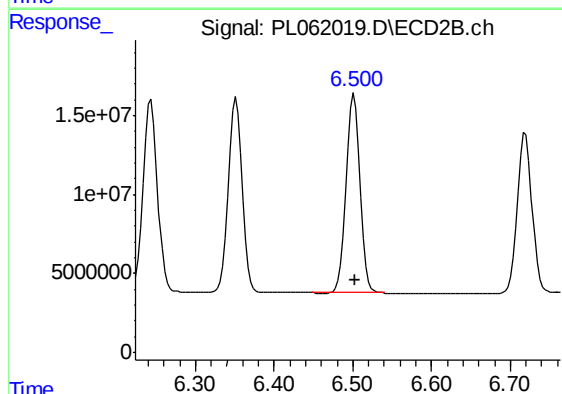
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 154170746  
Conc: 56.48 ng/ml



#13 Dielldrin

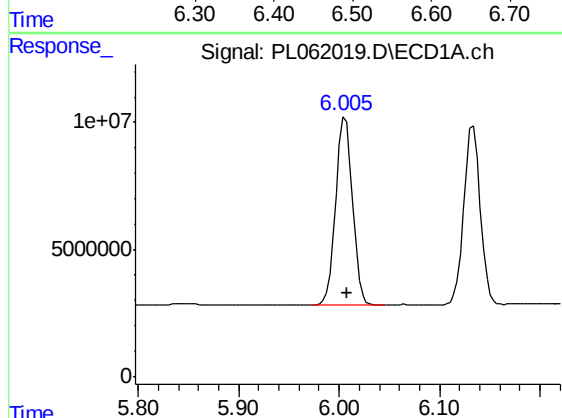
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 95417555  
Conc: 56.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



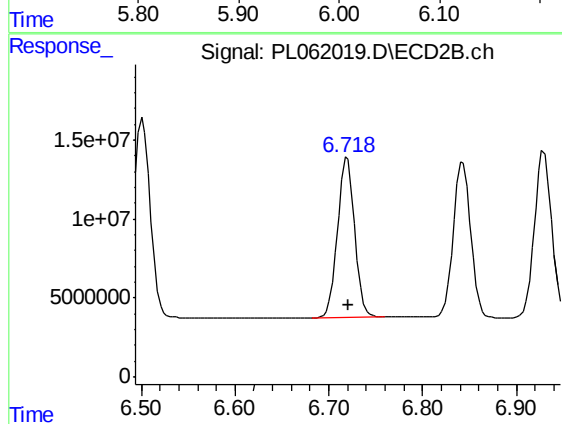
#13 Dielldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 158577768  
Conc: 55.90 ng/ml



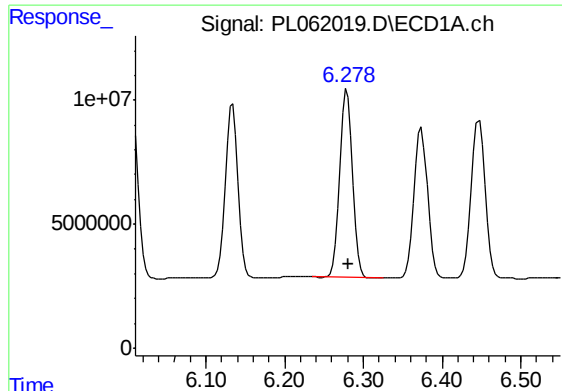
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.001 min  
Response: 85596234  
Conc: 53.79 ng/ml



#14 Endrin

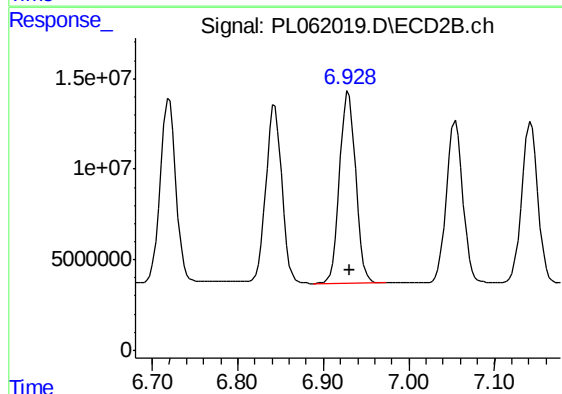
R.T.: 6.720 min  
Delta R.T.: -0.001 min  
Response: 128224382  
Conc: 52.56 ng/ml



#15 Endosulfan II

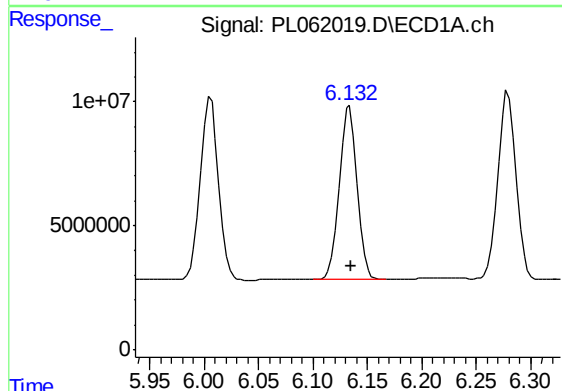
R.T.: 6.279 min  
Delta R.T.: -0.001 min  
Response: 88270133  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



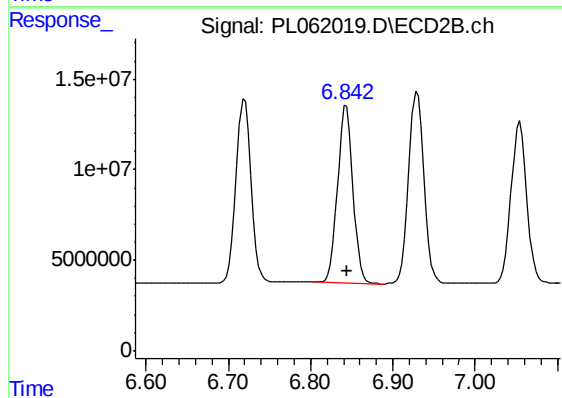
#15 Endosulfan II

R.T.: 6.930 min  
Delta R.T.: -0.001 min  
Response: 137732285  
Conc: 53.29 ng/ml



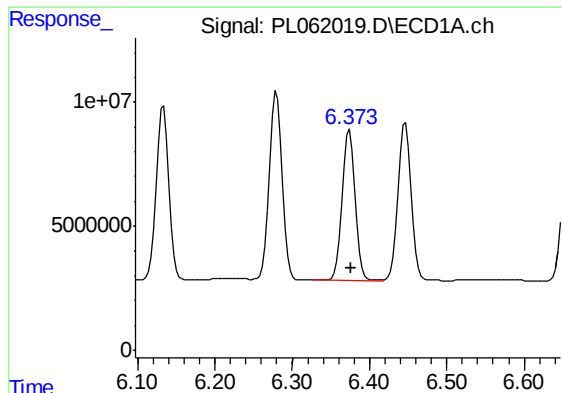
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 79510646  
Conc: 60.05 ng/ml



#16 4,4'-DDD

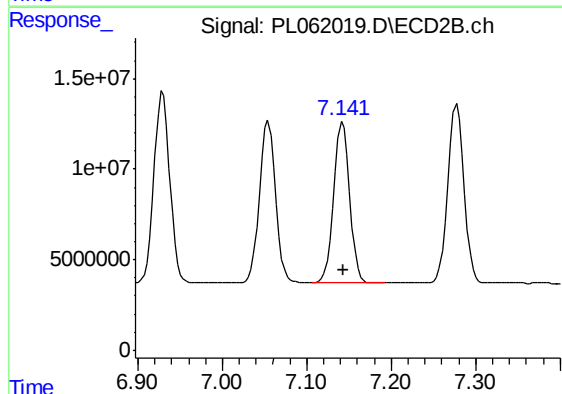
R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 128091852  
Conc: 57.62 ng/ml



#17 4,4'-DDT

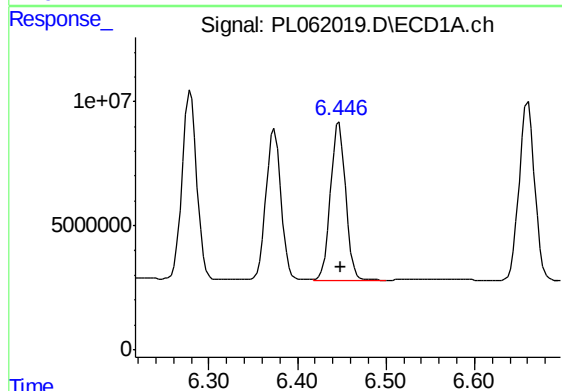
R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 71334716  
Conc: 56.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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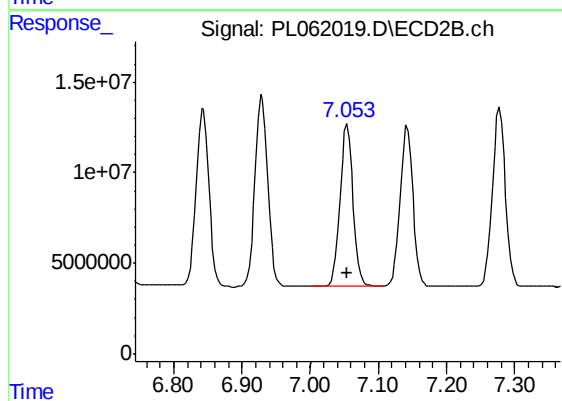
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: -0.001 min  
Response: 116515518  
Conc: 53.21 ng/ml



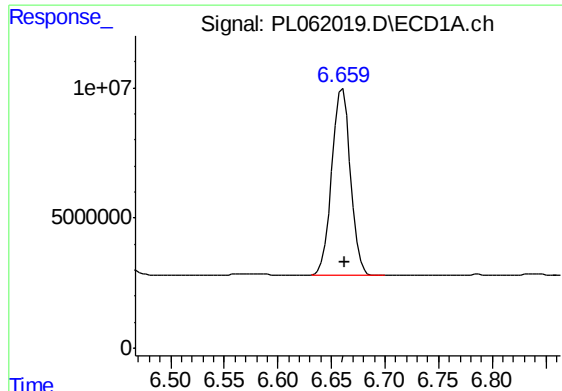
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 76259395  
Conc: 54.23 ng/ml



#18 Endrin aldehyde

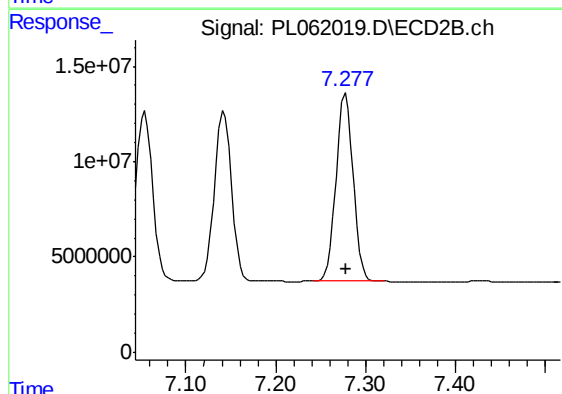
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 117790401  
Conc: 55.03 ng/ml



#19 Endosulfan Sulfate

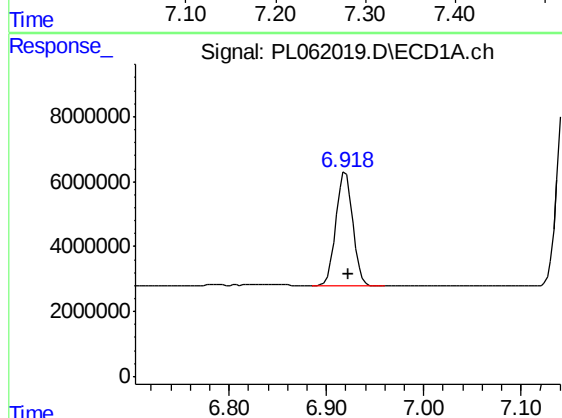
R.T.: 6.661 min  
Delta R.T.: -0.001 min  
Response: 86548866  
Conc: 55.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



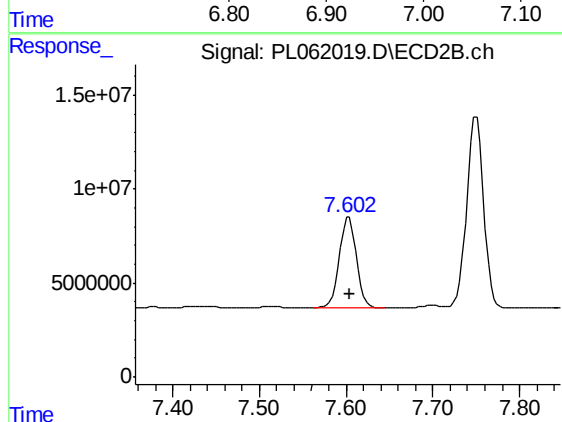
#19 Endosulfan Sulfate

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 131119174  
Conc: 56.00 ng/ml



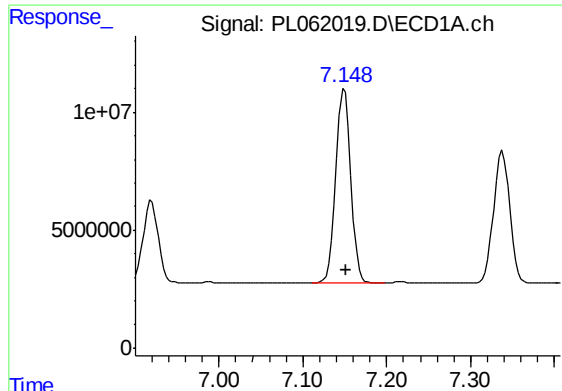
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 42839111  
Conc: 52.98 ng/ml



#20 Methoxychlor

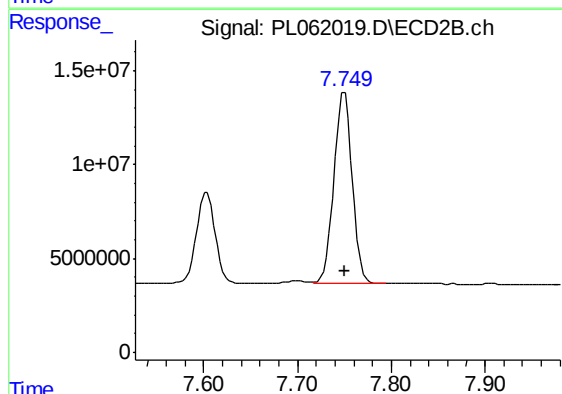
R.T.: 7.603 min  
Delta R.T.: 0.000 min  
Response: 65445457  
Conc: 51.94 ng/ml



#21 Endrin ketone

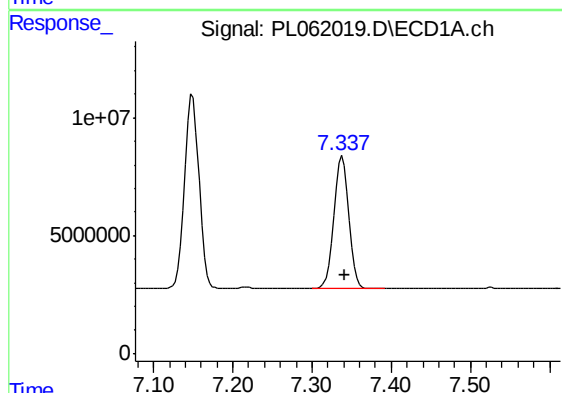
R.T.: 7.150 min  
Delta R.T.: -0.002 min  
Response: 101422560  
Conc: 59.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



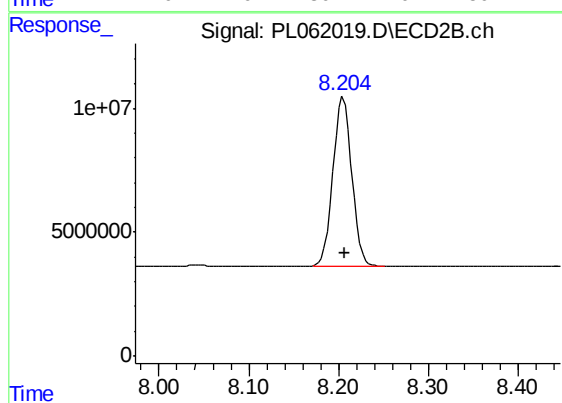
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 139236529  
Conc: 59.32 ng/ml



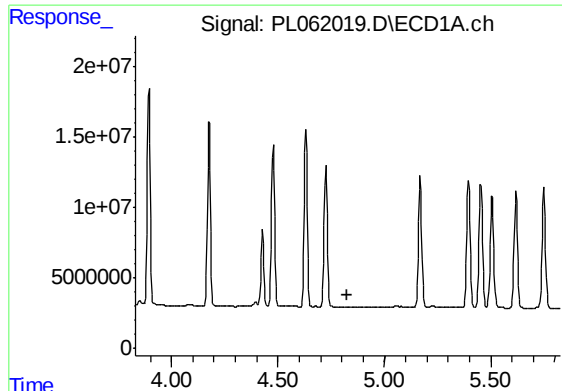
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: -0.002 min  
Response: 74732963  
Conc: 53.31 ng/ml



#22 Mirex

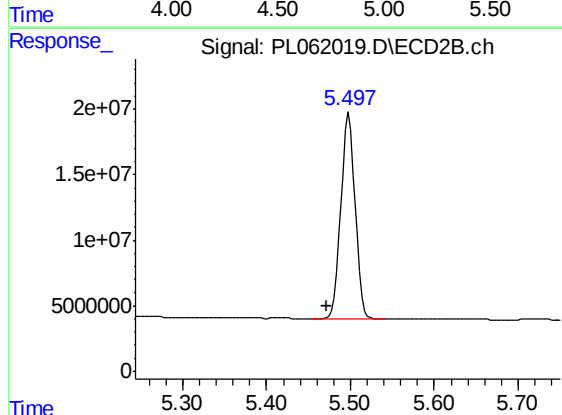
R.T.: 8.205 min  
Delta R.T.: -0.001 min  
Response: 99549400  
Conc: 56.50 ng/ml



#24 Chlordane-2

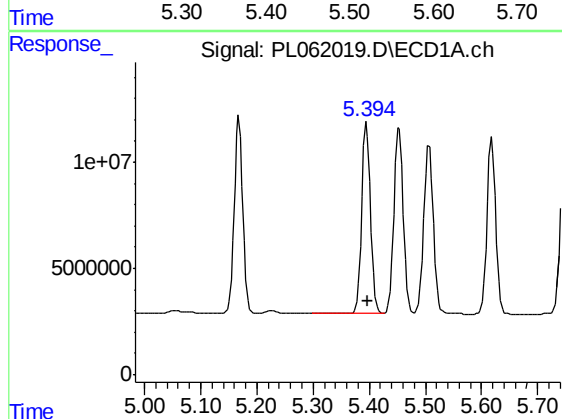
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



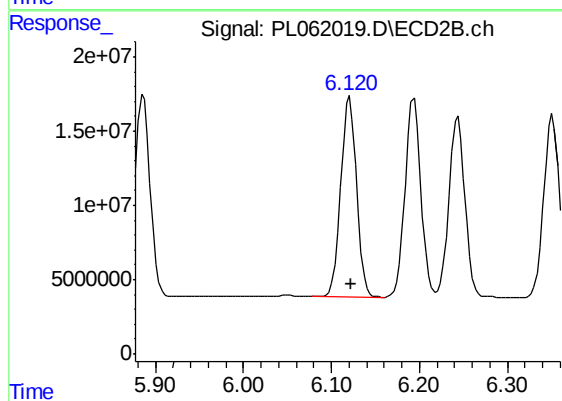
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.026 min  
Response: 183950537  
Conc: 1787.58 ng/ml



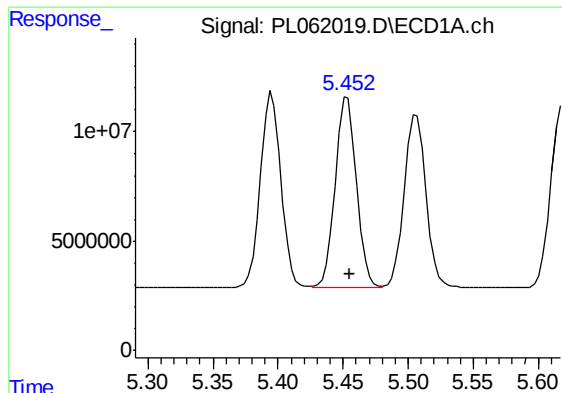
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 98724610  
Conc: 628.09 ng/ml



#25 Chlordane-3

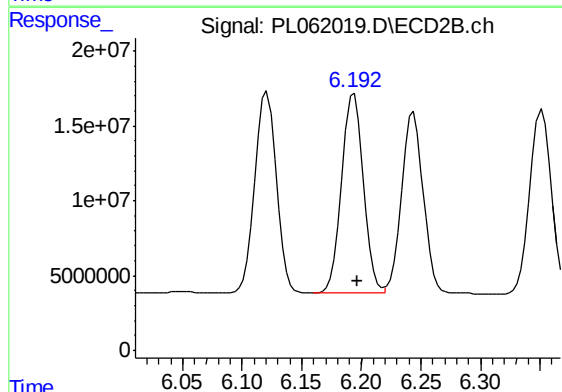
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 168947670  
Conc: 461.05 ng/ml



#26 Chlordane-4

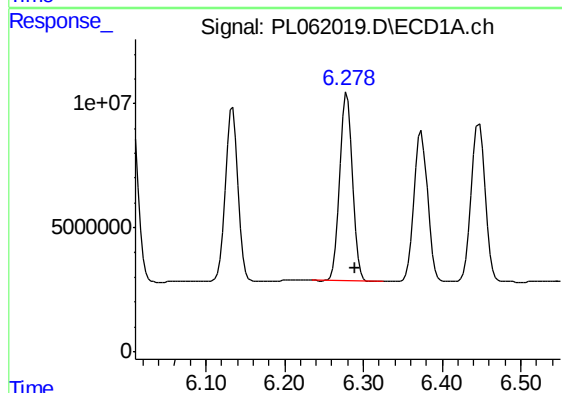
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 98537153  
Conc: 755.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



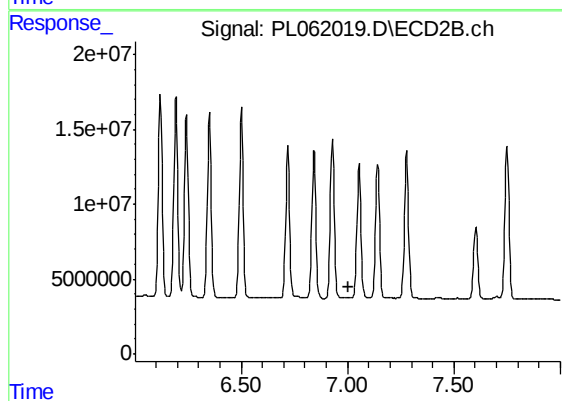
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 168286508  
Conc: 374.87 ng/ml



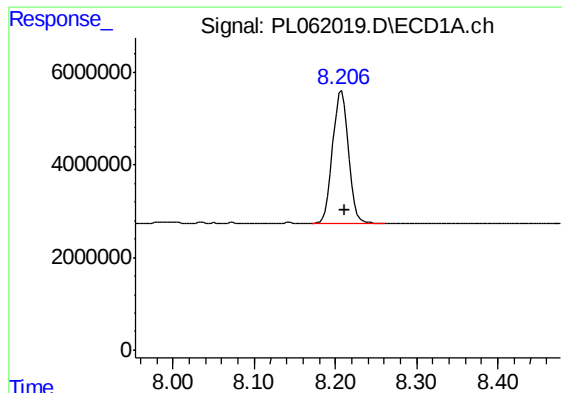
#27 Chlordane-5

R.T.: 6.279 min  
Delta R.T.: -0.011 min  
Response: 88270133  
Conc: 1618.85 ng/ml



#27 Chlordane-5

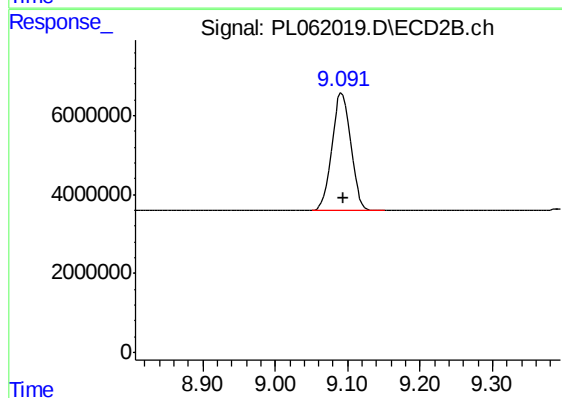
R.T.: 0.000 min  
Exp R.T. : 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.004 min  
Response: 38668848  
Conc: 23.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-100120MSD



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: -0.002 min  
Response: 53941799  
Conc: 24.50 ng/ml