

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121119\  
 Data File : PL054943.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2019 16:56  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 03:59:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 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... | 3.536 | 4.049 | 513.1E6 | 123.5E6  | 44.106  | 48.408   |
| 28)                         | SA Decachlor... | 8.315 | 9.145 | 392.3E6 | 104.7E6  | 40.965  | 43.691   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.979 | 4.440 | 844.9E6 | 178.1E6  | 44.504  | 50.272   |
| 3)                          | MA gamma-BHC... | 4.265 | 4.726 | 775.6E6 | 163.1E6  | 45.503  | 50.033   |
| 4)                          | MA Heptachlor   | 4.571 | 5.235 | 793.5E6 | 148.2E6  | 44.999  | 49.093   |
| 5)                          | MB Aldrin       | 4.821 | 5.540 | 737.7E6 | 137.4E6  | 45.256  | 49.322   |
| 6)                          | B beta-BHC      | 4.516 | 4.896 | 328.8E6 | 70115989 | 44.333  | 49.790   |
| 7)                          | B delta-BHC     | 4.723 | 5.114 | 740.5E6 | 145.0E6  | 45.553  | 54.396   |
| 8)                          | B Heptachlo...  | 5.265 | 5.927 | 673.8E6 | 143.5E6  | 44.548m | 57.446 # |
| 9)                          | A Endosulfan I  | 5.607 | 6.284 | 592.8E6 | 121.8E6  | 43.468m | 49.244   |
| 10)                         | B gamma-Chl...  | 5.494 | 6.160 | 665.4E6 | 125.3E6  | 43.878m | 47.579m  |
| 11)                         | B alpha-Chl...  | 5.552 | 6.233 | 614.8E6 | 123.9E6  | 41.692m | 47.174m  |
| 12)                         | B 4,4'-DDE      | 5.717 | 6.390 | 544.0E6 | 116.9E6  | 40.884  | 47.205   |
| 13)                         | MA Dieldrin     | 5.853 | 6.542 | 624.1E6 | 120.0E6  | 44.008  | 47.138   |
| 14)                         | MA Endrin       | 6.112 | 6.760 | 564.6E6 | 100.2E6  | 44.338  | 45.232   |
| 15)                         | B Endosulfa...  | 6.384 | 6.970 | 510.7E6 | 108.7E6  | 42.209  | 46.257   |
| 16)                         | A 4,4'-DDD      | 6.234 | 6.882 | 434.7E6 | 91743707 | 44.506  | 47.781   |
| 17)                         | MA 4,4'-DDT     | 6.476 | 7.181 | 460.4E6 | 93055013 | 43.947  | 46.966   |
| 18)                         | B Endrin al...  | 6.553 | 7.094 | 419.3E6 | 89538560 | 42.338  | 45.678   |
| 19)                         | B Endosulfa...  | 6.765 | 7.318 | 450.1E6 | 96310790 | 42.035  | 45.419   |
| 20)                         | A Methoxychlor  | 7.021 | 7.640 | 217.7E6 | 47365812 | 43.440  | 41.524   |
| 21)                         | B Endrin ke...  | 7.259 | 7.792 | 463.8E6 | 104.9E6  | 42.675  | 46.590   |
| 22)                         | Mirex           | 7.452 | 8.249 | 335.3E6 | 77192706 | 41.296  | 44.663   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121119\  
Data File : PL054943.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2019 16:56  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

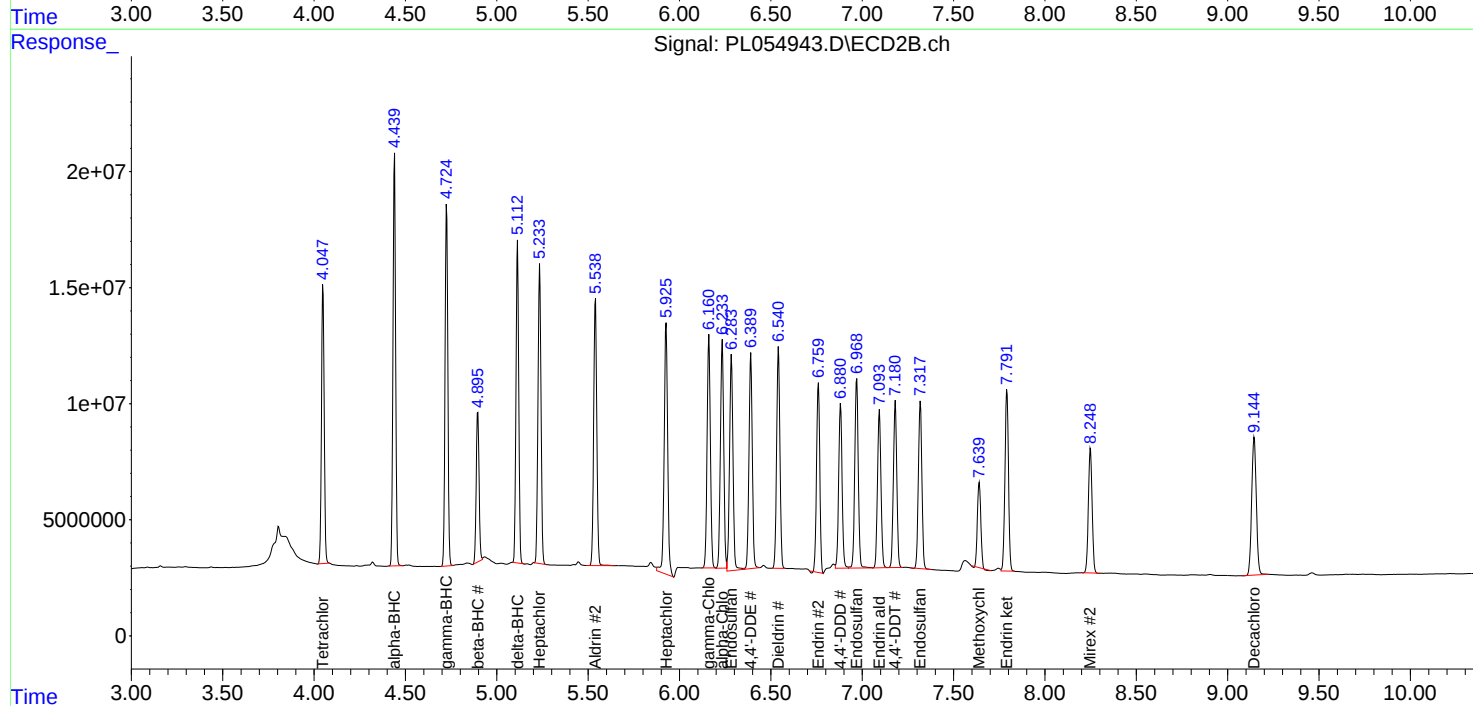
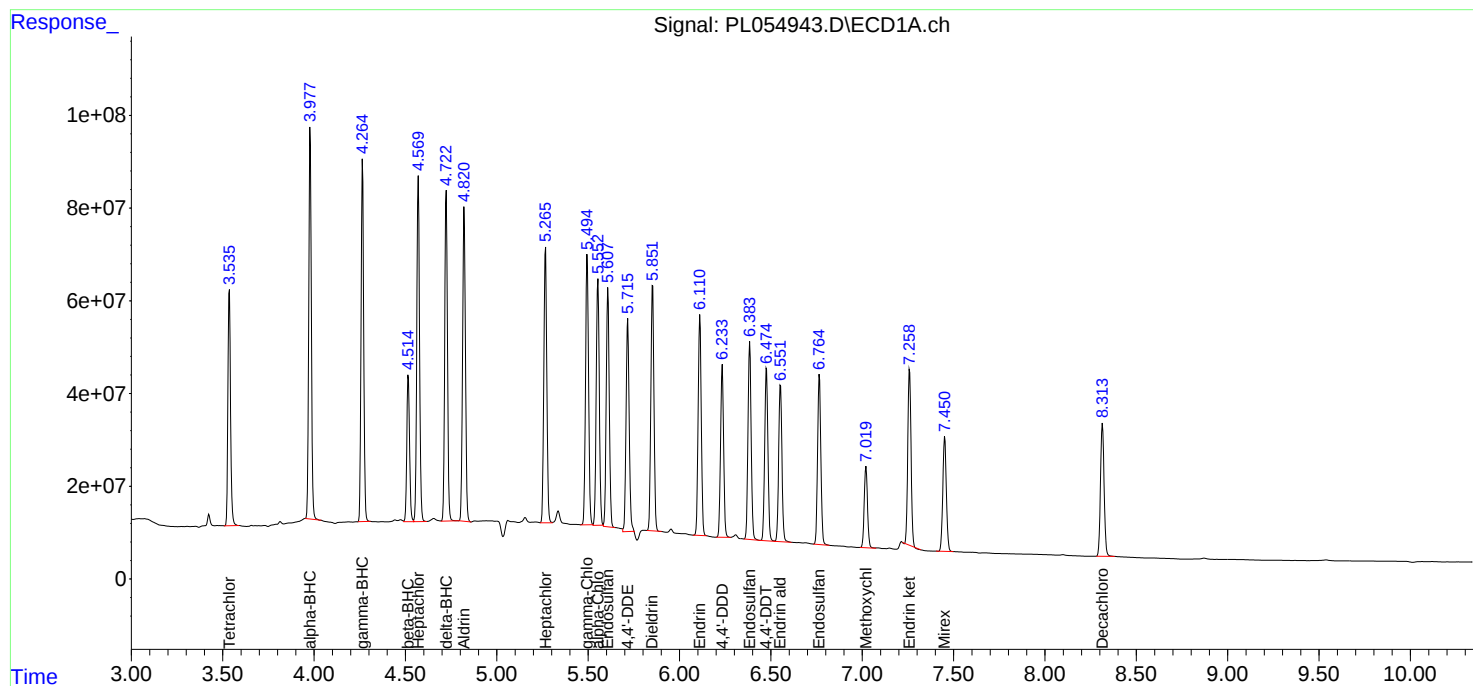
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

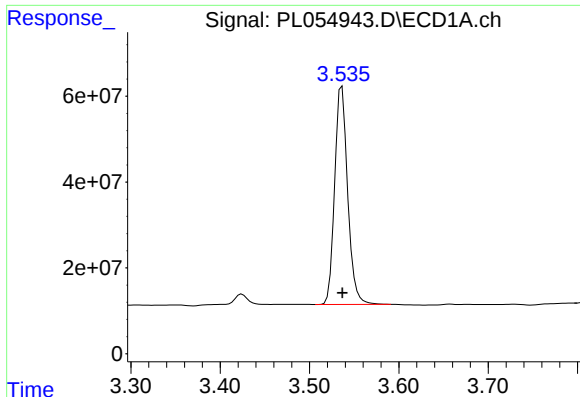
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 03:59:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 2019  
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





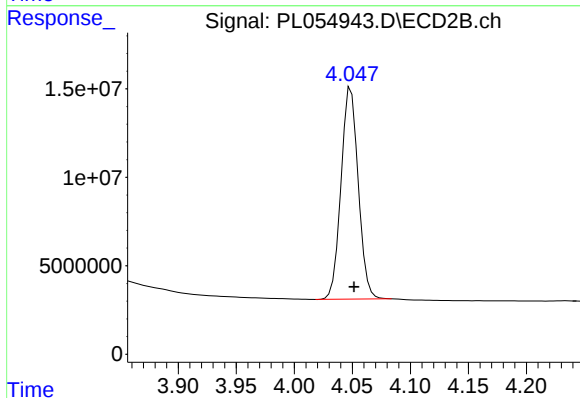
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 513130765  
Conc: 44.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

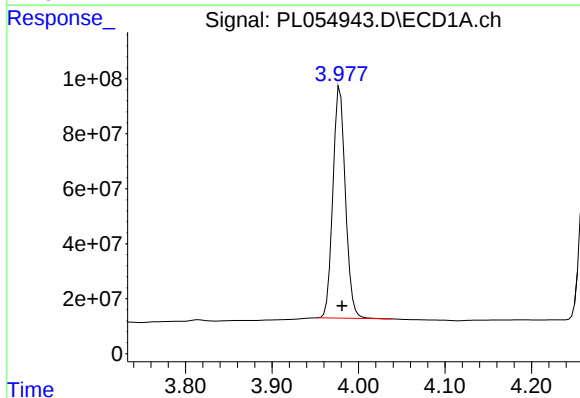
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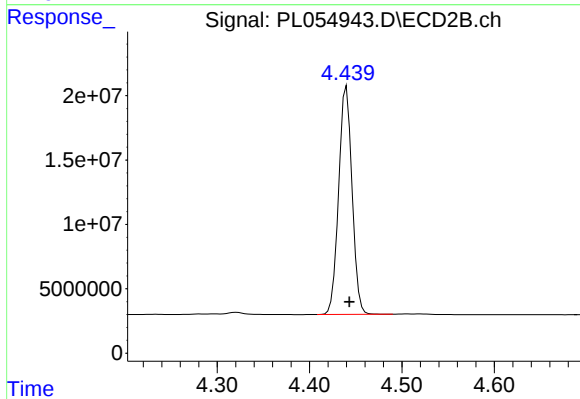
#1 Tetrachloro-m-xylene

R.T.: 4.049 min  
Delta R.T.: -0.003 min  
Response: 123527283  
Conc: 48.41 ng/ml



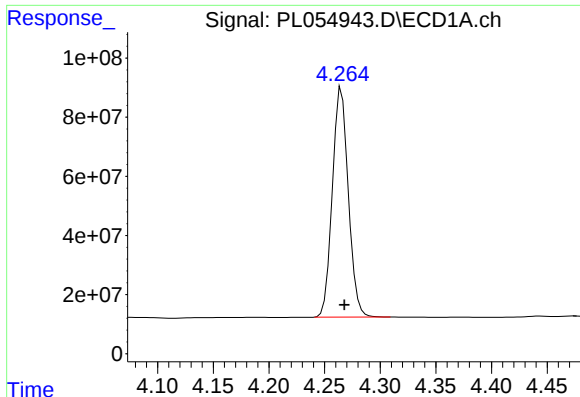
#2 alpha-BHC

R.T.: 3.979 min  
Delta R.T.: -0.002 min  
Response: 844874147  
Conc: 44.50 ng/ml



#2 alpha-BHC

R.T.: 4.440 min  
Delta R.T.: -0.003 min  
Response: 178100598  
Conc: 50.27 ng/ml



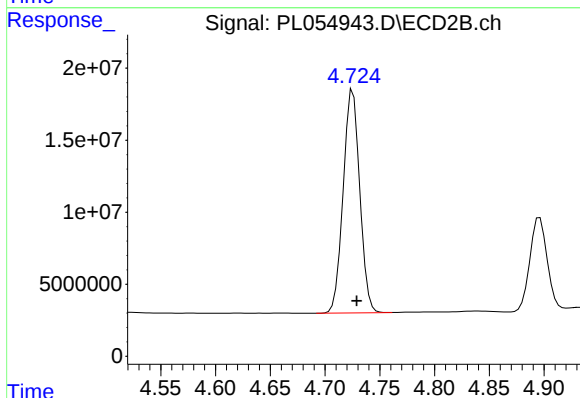
#3 gamma-BHC (Lindane)

R.T.: 4.265 min  
Delta R.T.: -0.002 min  
Response: 775638195  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

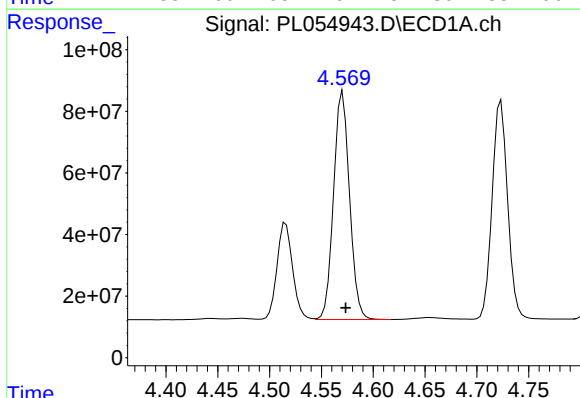
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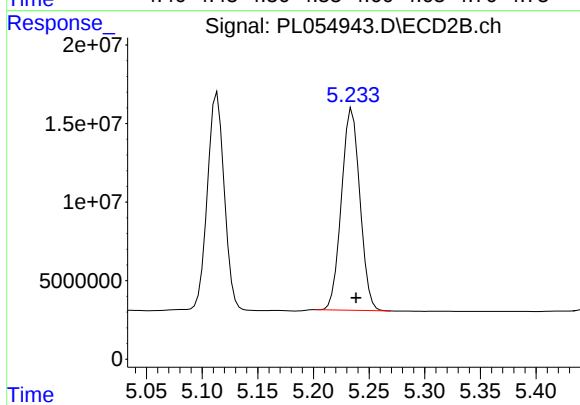
#3 gamma-BHC (Lindane)

R.T.: 4.726 min  
Delta R.T.: -0.003 min  
Response: 163135793  
Conc: 50.03 ng/ml



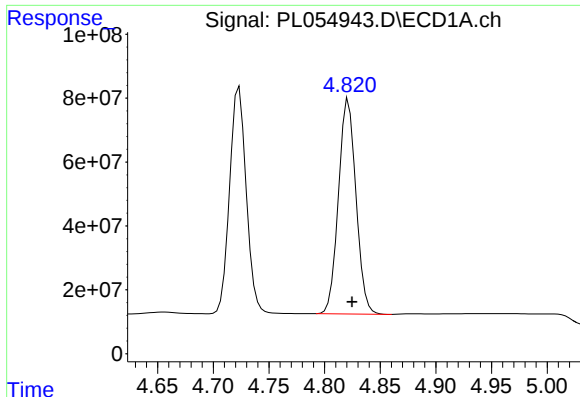
#4 Heptachlor

R.T.: 4.571 min  
Delta R.T.: -0.003 min  
Response: 793481683  
Conc: 45.00 ng/ml



#4 Heptachlor

R.T.: 5.235 min  
Delta R.T.: -0.004 min  
Response: 148162812  
Conc: 49.09 ng/ml



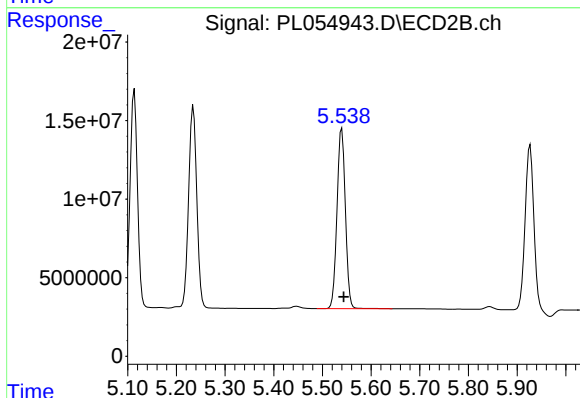
#5 Aldrin

R.T.: 4.821 min  
Delta R.T.: -0.003 min  
Response: 737671194  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

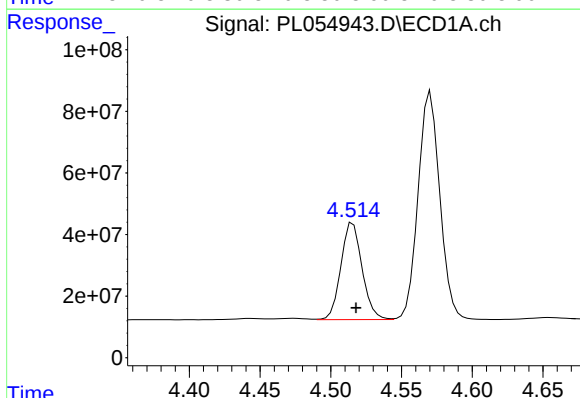
Manual Integrations  
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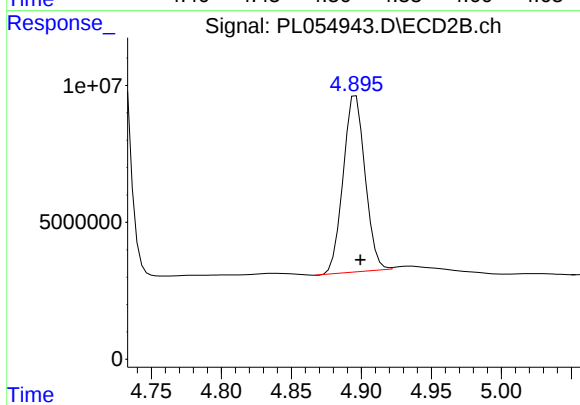
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 137433159  
Conc: 49.32 ng/ml



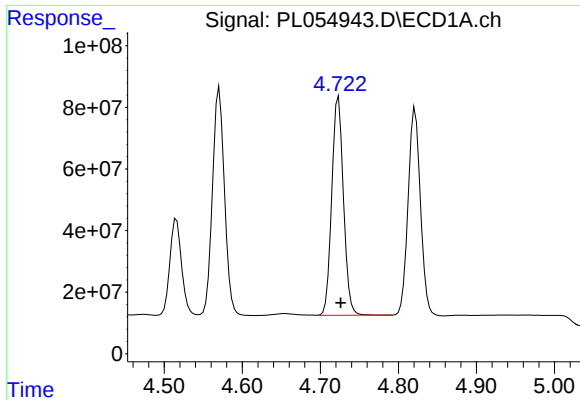
#6 beta-BHC

R.T.: 4.516 min  
Delta R.T.: -0.002 min  
Response: 328811638  
Conc: 44.33 ng/ml



#6 beta-BHC

R.T.: 4.896 min  
Delta R.T.: -0.003 min  
Response: 70115989  
Conc: 49.79 ng/ml



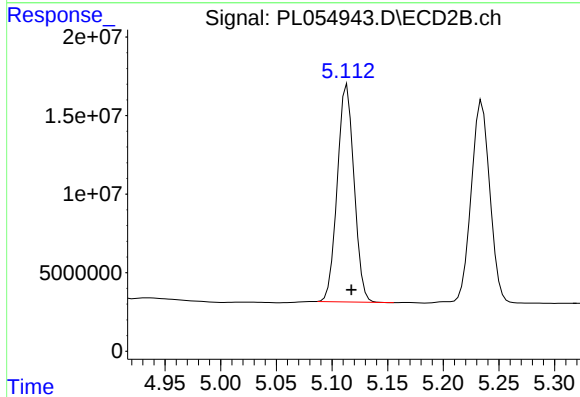
#7 delta-BHC

R.T.: 4.723 min  
Delta R.T.: -0.003 min  
Response: 740477306  
Conc: 45.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

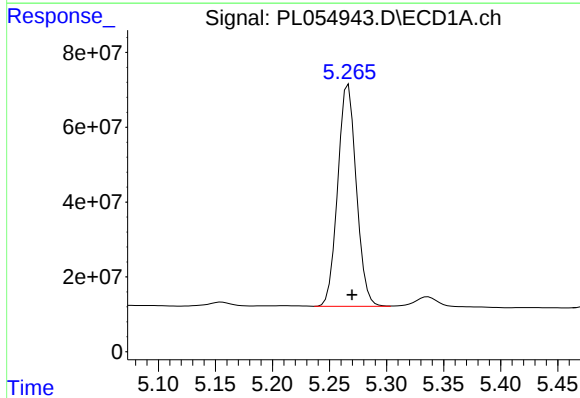
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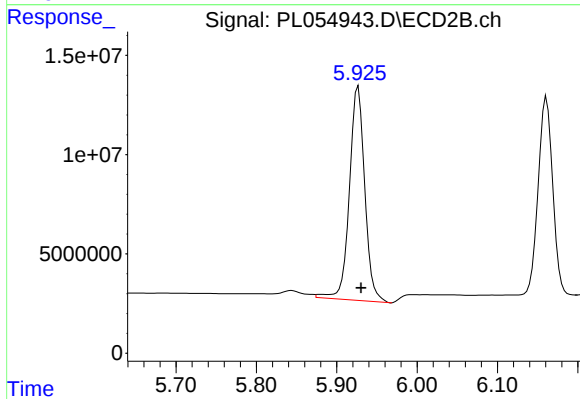
#7 delta-BHC

R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 145030610  
Conc: 54.40 ng/ml



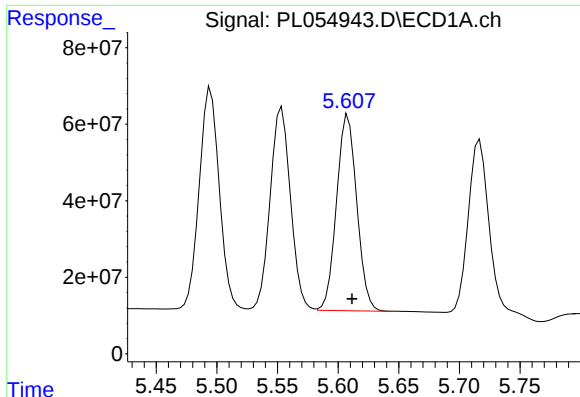
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: -0.005 min  
Response: 673846915  
Conc: 44.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.927 min  
Delta R.T.: -0.004 min  
Response: 143510959  
Conc: 57.45 ng/ml



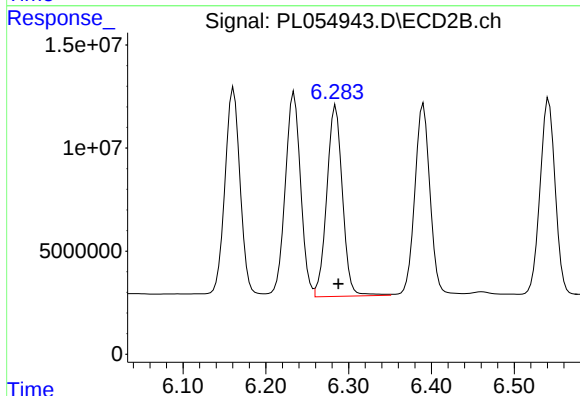
#9 Endosulfan I

R.T.: 5.607 min  
Delta R.T.: -0.005 min  
Response: 592763670  
Conc: 43.47 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

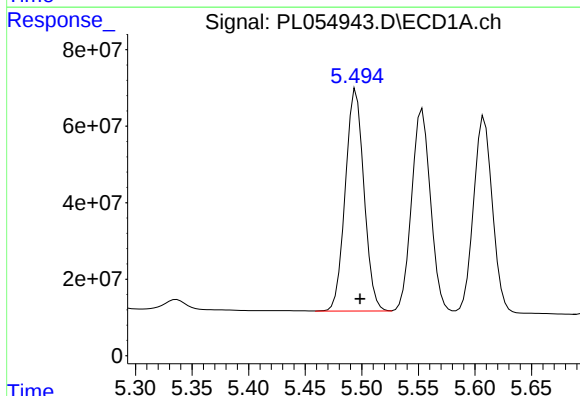
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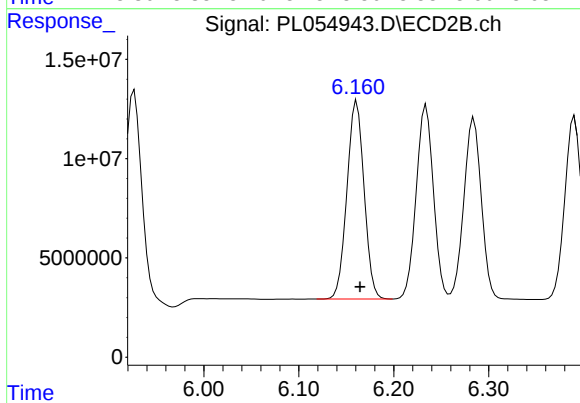
#9 Endosulfan I

R.T.: 6.284 min  
Delta R.T.: -0.003 min  
Response: 121806345  
Conc: 49.24 ng/ml



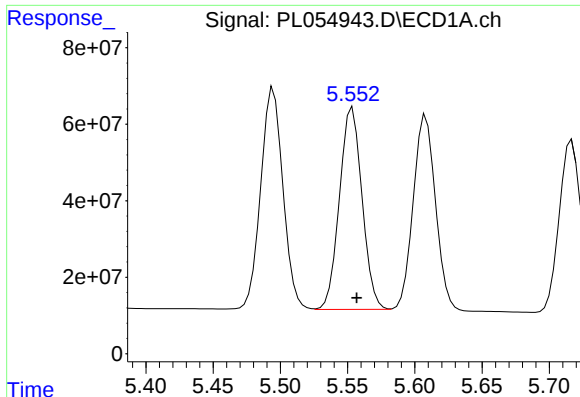
#10 gamma-Chlordane

R.T.: 5.494 min  
Delta R.T.: -0.005 min  
Response: 665368607  
Conc: 43.88 ng/ml m



#10 gamma-Chlordane

R.T.: 6.160 min  
Delta R.T.: -0.005 min  
Response: 125341351  
Conc: 47.58 ng/ml m



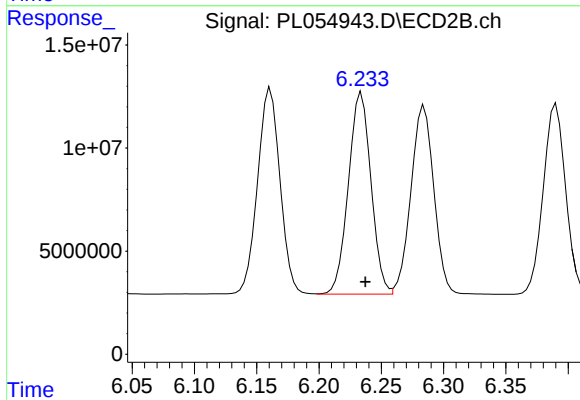
#11 alpha-Chlordane

R.T.: 5.552 min  
Delta R.T.: -0.005 min  
Response: 614779621  
Conc: 41.69 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

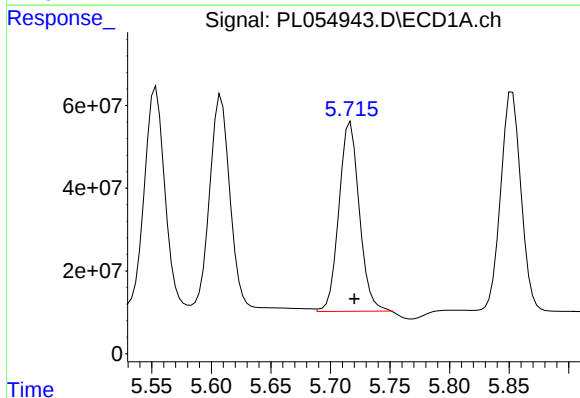
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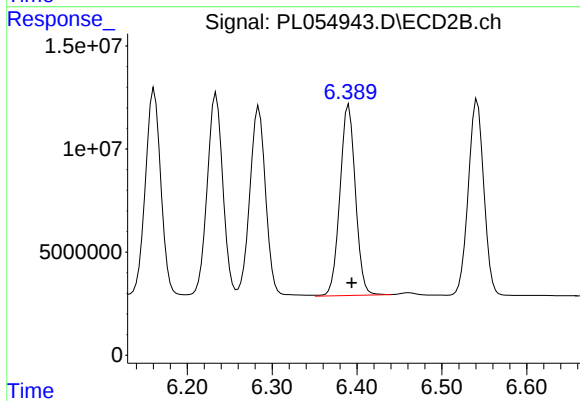
#11 alpha-Chlordane

R.T.: 6.233 min  
Delta R.T.: -0.005 min  
Response: 123863176  
Conc: 47.17 ng/ml m



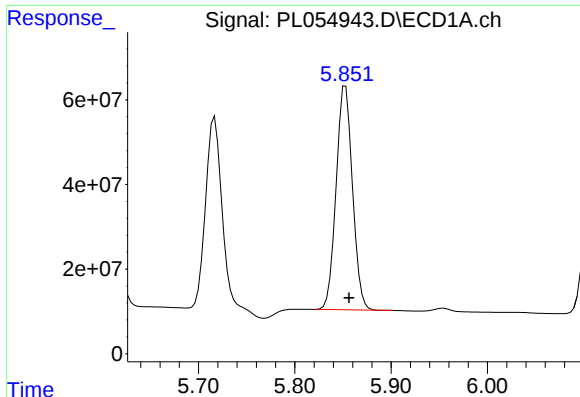
#12 4,4'-DDE

R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 543960153  
Conc: 40.88 ng/ml



#12 4,4'-DDE

R.T.: 6.390 min  
Delta R.T.: -0.003 min  
Response: 116851659  
Conc: 47.21 ng/ml



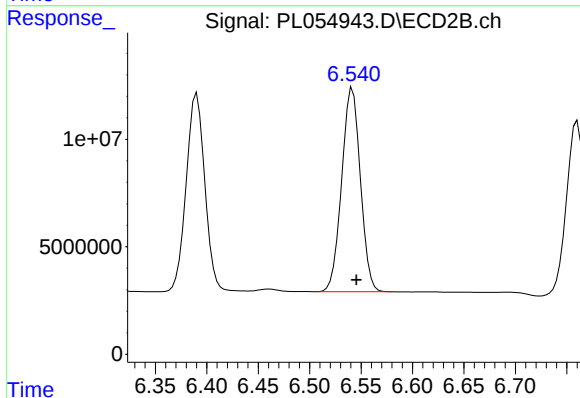
#13 Dieldrin

R.T.: 5.853 min  
Delta R.T.: -0.003 min  
Response: 624058973  
Conc: 44.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

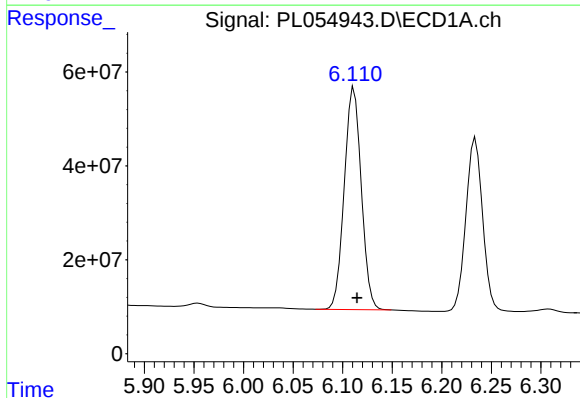
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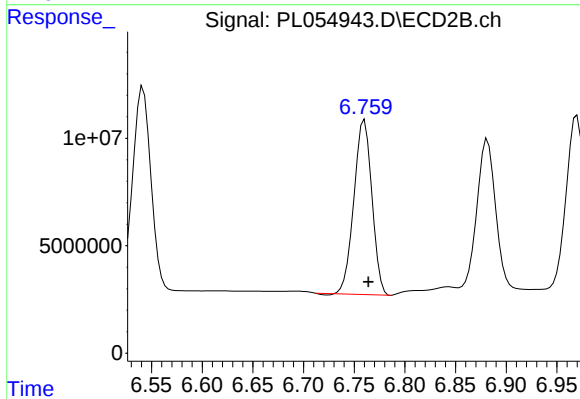
#13 Dieldrin

R.T.: 6.542 min  
Delta R.T.: -0.004 min  
Response: 119980257  
Conc: 47.14 ng/ml



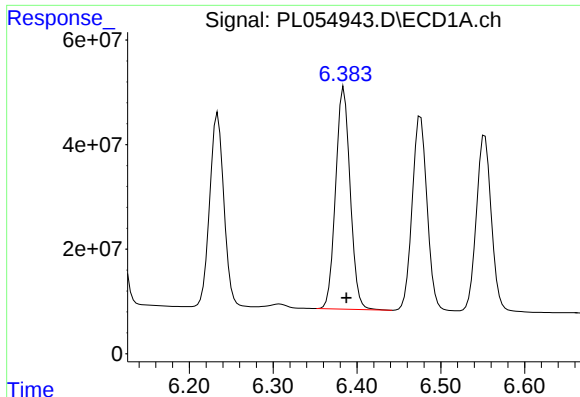
#14 Endrin

R.T.: 6.112 min  
Delta R.T.: -0.003 min  
Response: 564590251  
Conc: 44.34 ng/ml



#14 Endrin

R.T.: 6.760 min  
Delta R.T.: -0.004 min  
Response: 100205780  
Conc: 45.23 ng/ml



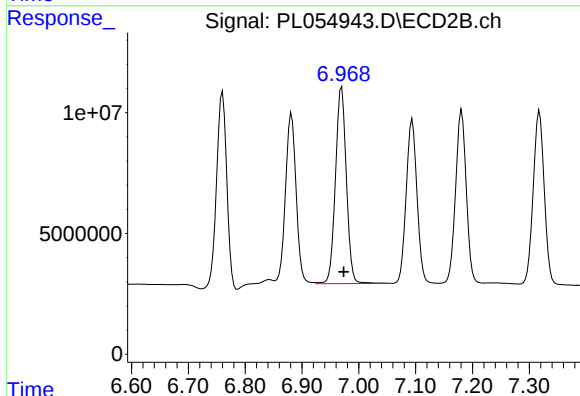
#15 Endosulfan II

R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 510735436  
Conc: 42.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

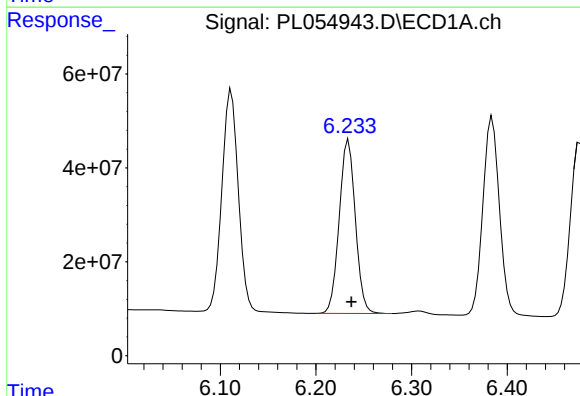
Manual Integrations  
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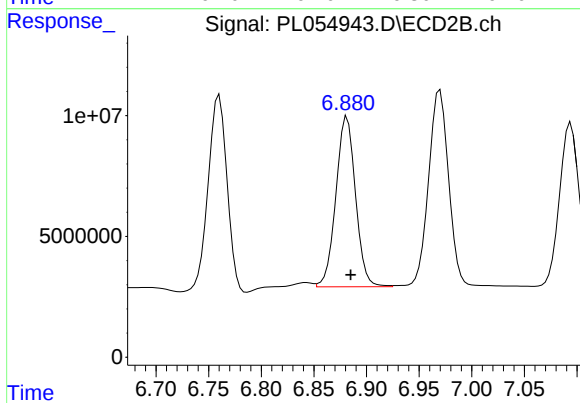
#15 Endosulfan II

R.T.: 6.970 min  
Delta R.T.: -0.004 min  
Response: 108749937  
Conc: 46.26 ng/ml



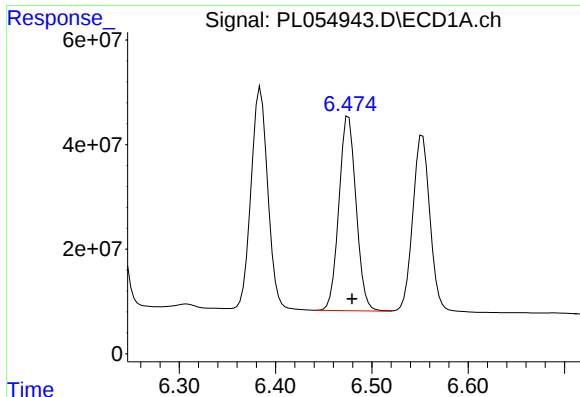
#16 4,4'-DDD

R.T.: 6.234 min  
Delta R.T.: -0.003 min  
Response: 434705076  
Conc: 44.51 ng/ml



#16 4,4'-DDD

R.T.: 6.882 min  
Delta R.T.: -0.003 min  
Response: 91743707  
Conc: 47.78 ng/ml



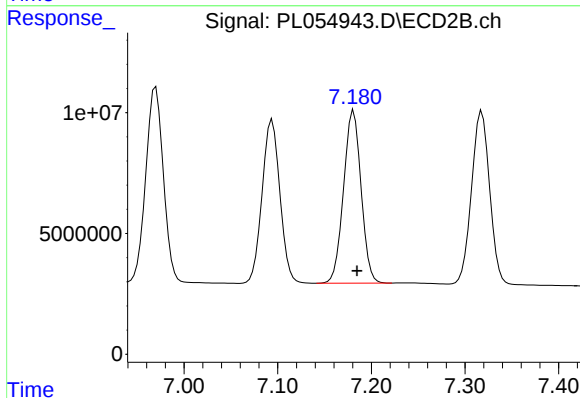
#17 4,4'-DDT

R.T.: 6.476 min  
Delta R.T.: -0.003 min  
Response: 460396393  
Conc: 43.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

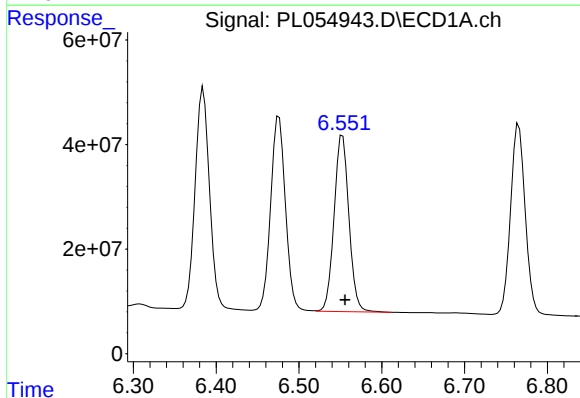
Manual Integrations  
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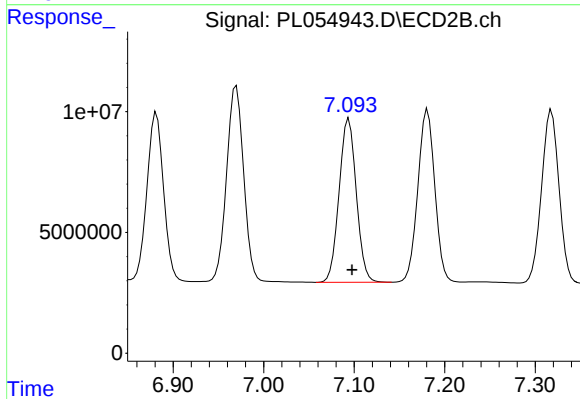
#17 4,4'-DDT

R.T.: 7.181 min  
Delta R.T.: -0.004 min  
Response: 93055013  
Conc: 46.97 ng/ml



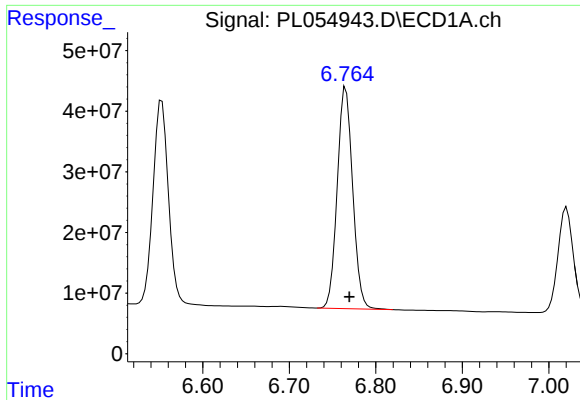
#18 Endrin aldehyde

R.T.: 6.553 min  
Delta R.T.: -0.003 min  
Response: 419265388  
Conc: 42.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.094 min  
Delta R.T.: -0.004 min  
Response: 89538560  
Conc: 45.68 ng/ml



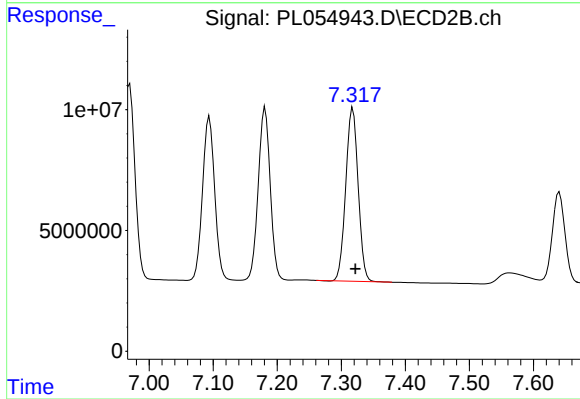
#19 Endosulfan Sulfate

R.T.: 6.765 min  
Delta R.T.: -0.004 min  
Response: 450145044  
Conc: 42.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

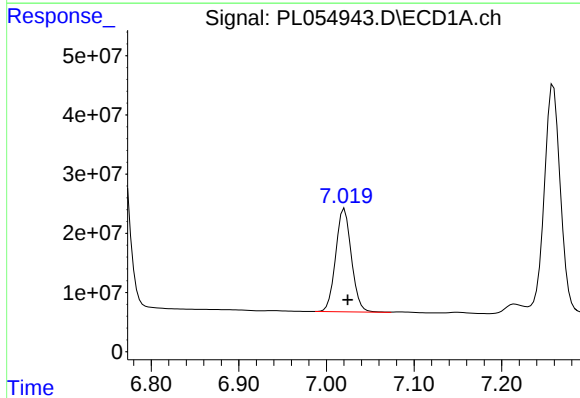
Manual Integrations  
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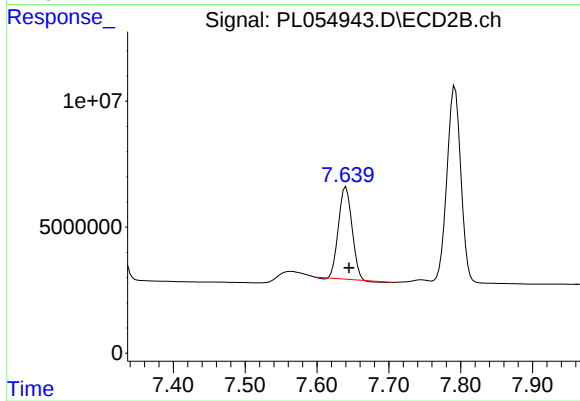
#19 Endosulfan Sulfate

R.T.: 7.318 min  
Delta R.T.: -0.004 min  
Response: 96310790  
Conc: 45.42 ng/ml



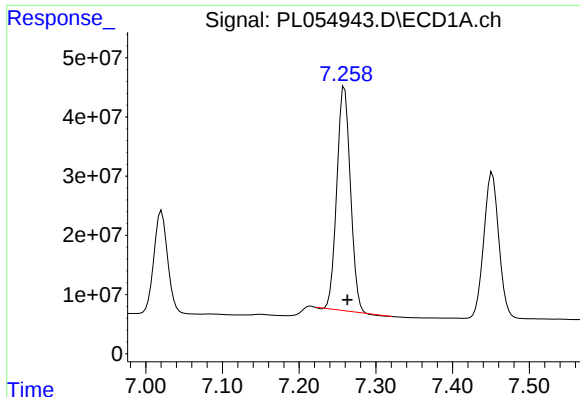
#20 Methoxychlor

R.T.: 7.021 min  
Delta R.T.: -0.004 min  
Response: 217713705  
Conc: 43.44 ng/ml



#20 Methoxychlor

R.T.: 7.640 min  
Delta R.T.: -0.004 min  
Response: 47365812  
Conc: 41.52 ng/ml



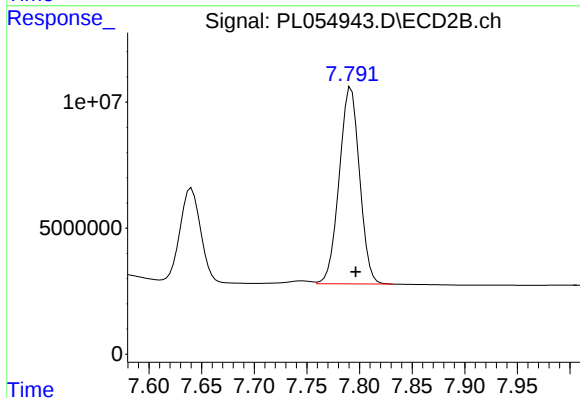
#21 Endrin ketone

R.T.: 7.259 min  
Delta R.T.: -0.004 min  
Response: 463837353  
Conc: 42.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

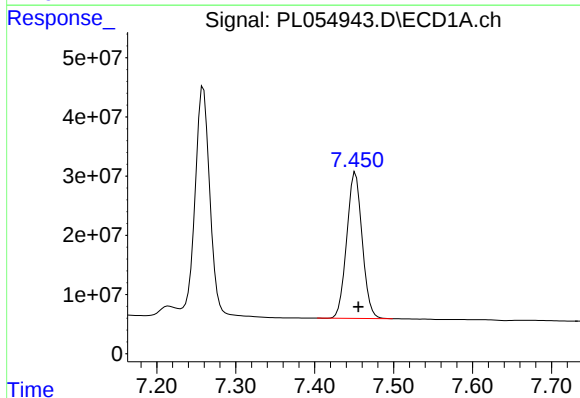
Manual Integrations  
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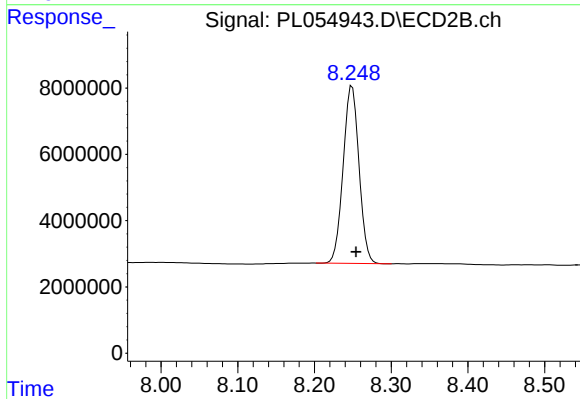
#21 Endrin ketone

R.T.: 7.792 min  
Delta R.T.: -0.004 min  
Response: 104870374  
Conc: 46.59 ng/ml



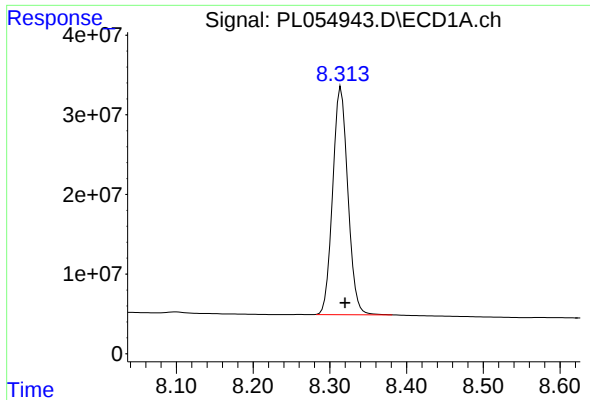
#22 Mirex

R.T.: 7.452 min  
Delta R.T.: -0.004 min  
Response: 335259933  
Conc: 41.30 ng/ml



#22 Mirex

R.T.: 8.249 min  
Delta R.T.: -0.005 min  
Response: 77192706  
Conc: 44.66 ng/ml



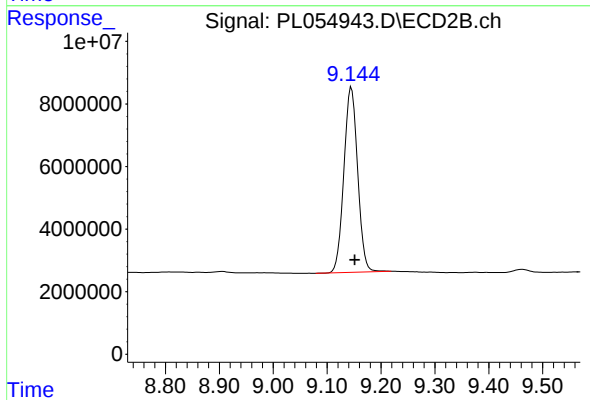
#28 Decachlorobiphenyl

R.T.: 8.315 min  
Delta R.T.: -0.005 min  
Response: 392285154  
Conc: 40.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.145 min  
Delta R.T.: -0.006 min  
Response: 104746275  
Conc: 43.69 ng/ml