

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072619\  
 Data File : PL050818.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jul 2019 17:16  
 Operator : SM\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: Jul 26 22:50:31 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... | 3.317 | 3.929 | 480.6E6 | 128.6E6  | 47.836  | 45.080  |
| 28)                         | SA Decachlor... | 7.975 | 8.955 | 490.3E6 | 132.0E6  | 48.422  | 46.689  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.744 | 4.317 | 797.3E6 | 189.2E6  | 47.578  | 45.865  |
| 3)                          | MA gamma-BHC... | 4.019 | 4.600 | 682.1E6 | 180.1E6  | 44.343  | 46.509  |
| 4)                          | MA Heptachlor   | 4.303 | 5.101 | 789.6E6 | 187.0E6  | 48.123  | 45.096  |
| 5)                          | MB Aldrin       | 4.541 | 5.403 | 751.9E6 | 169.5E6  | 48.538  | 44.973  |
| 6)                          | B beta-BHC      | 4.274 | 4.776 | 307.1E6 | 83348117 | 46.849  | 48.210  |
| 7)                          | B delta-BHC     | 4.466 | 4.989 | 780.5E6 | 156.4E6  | 47.568  | 40.446  |
| 8)                          | B Heptachlo...  | 4.976 | 5.789 | 680.7E6 | 166.7E6  | 46.078  | 43.588  |
| 9)                          | A Endosulfan I  | 5.306 | 6.144 | 629.2E6 | 149.6E6  | 43.264  | 43.515  |
| 10)                         | B gamma-Chl...  | 5.197 | 6.023 | 708.0E6 | 154.4E6  | 44.859m | 41.773  |
| 11)                         | B alpha-Chl...  | 5.254 | 6.094 | 679.3E6 | 160.8E6  | 44.528  | 43.870  |
| 12)                         | B 4,4'-DDE      | 5.422 | 6.255 | 632.3E6 | 162.2E6  | 42.191  | 45.004  |
| 13)                         | MA Dieldrin     | 5.545 | 6.400 | 695.3E6 | 155.0E6  | 44.865  | 43.770  |
| 14)                         | MA Endrin       | 5.797 | 6.617 | 663.8E6 | 140.0E6  | 45.095  | 45.155  |
| 15)                         | B Endosulfa...  | 6.072 | 6.830 | 594.9E6 | 140.0E6  | 42.508  | 44.038  |
| 16)                         | A 4,4'-DDD      | 5.932 | 6.745 | 514.4E6 | 115.3E6  | 42.922  | 43.287  |
| 17)                         | MA 4,4'-DDT     | 6.165 | 7.042 | 551.3E6 | 127.9E6  | 44.509  | 47.387  |
| 18)                         | B Endrin al...  | 6.239 | 6.952 | 485.5E6 | 117.3E6  | 42.088  | 43.164m |
| 19)                         | B Endosulfa...  | 6.450 | 7.176 | 539.6E6 | 129.2E6  | 42.357  | 44.733  |
| 20)                         | A Methoxychlor  | 6.709 | 7.503 | 292.6E6 | 70126023 | 46.906  | 47.794  |
| 21)                         | B Endrin ke...  | 6.931 | 7.645 | 571.9E6 | 130.3E6  | 41.816  | 45.081  |
| 22)                         | Mirex           | 7.105 | 8.093 | 405.4E6 | 102.2E6  | 41.349  | 44.510  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072619\  
Data File : PL050818.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jul 2019 17:16  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

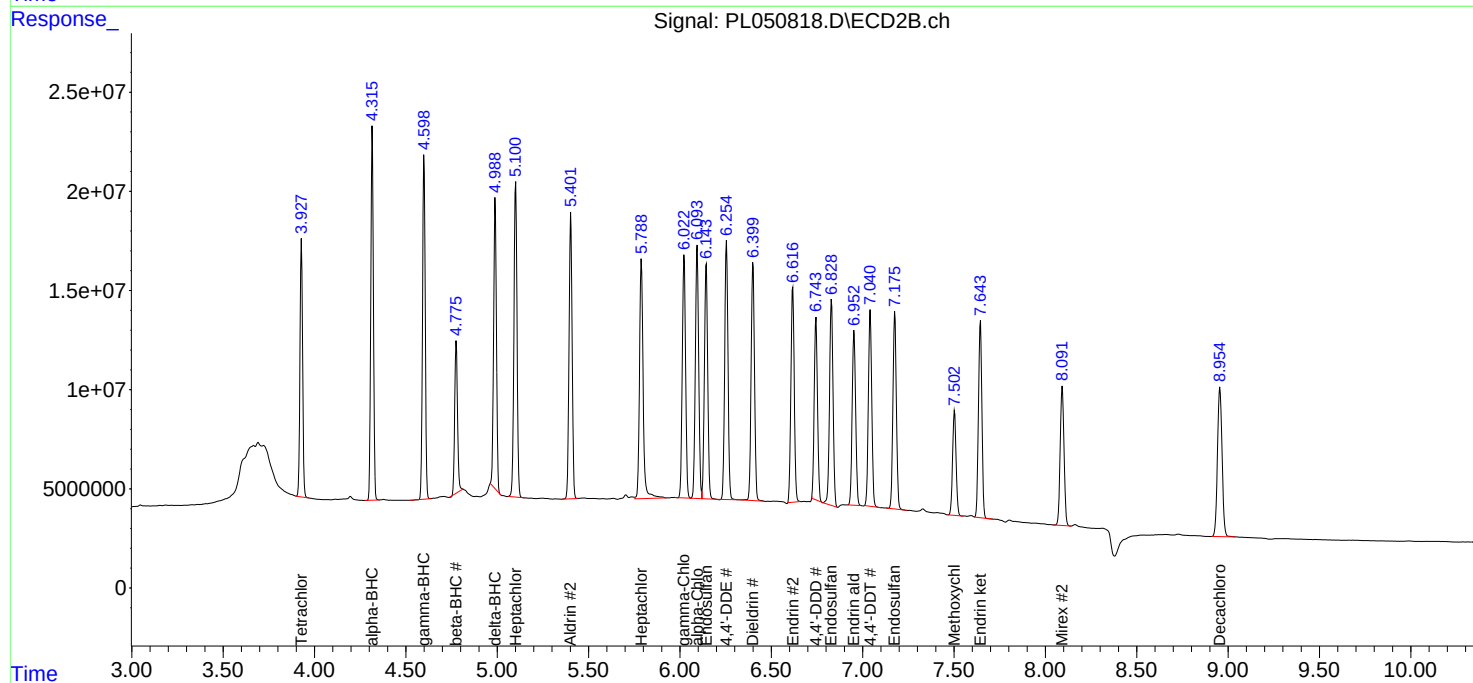
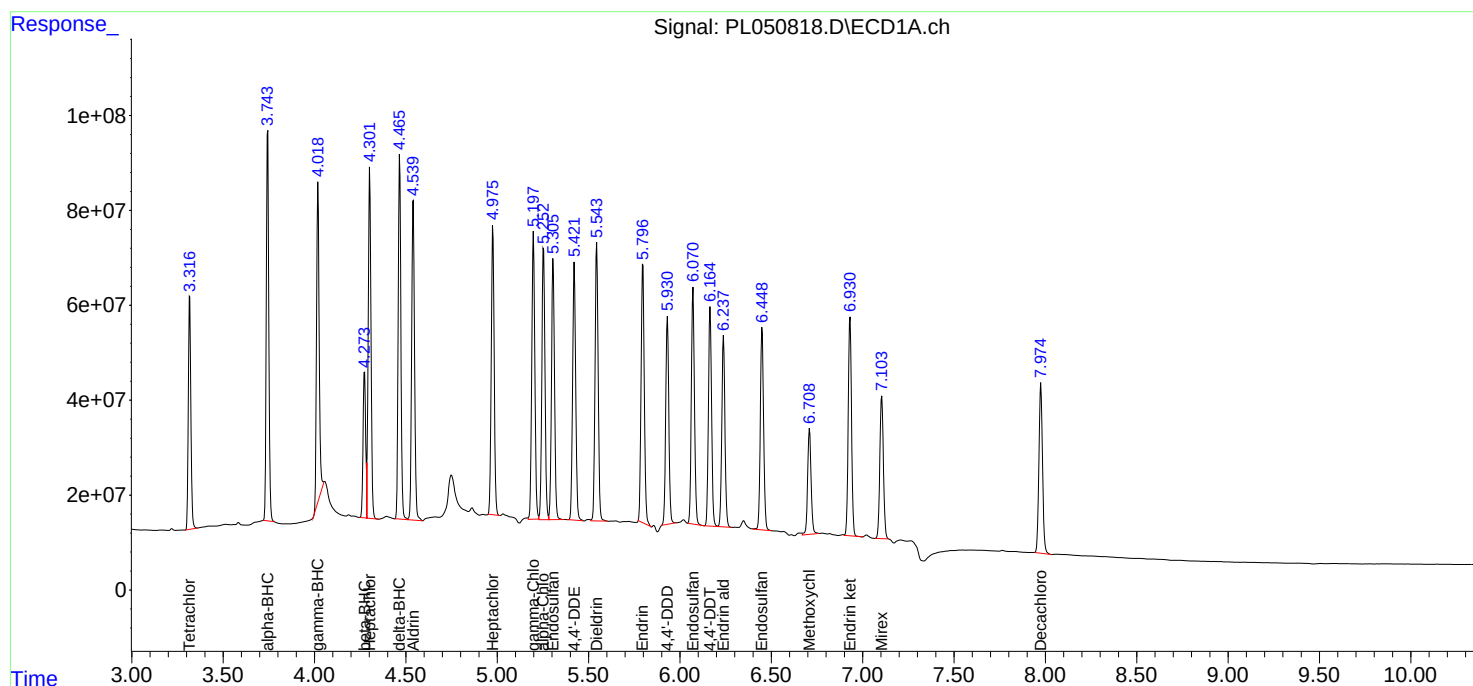
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

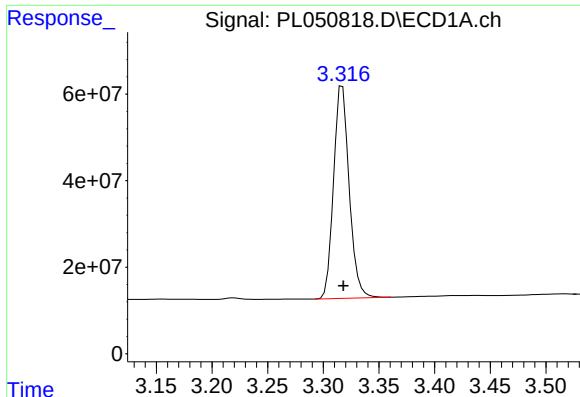
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 22:50:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





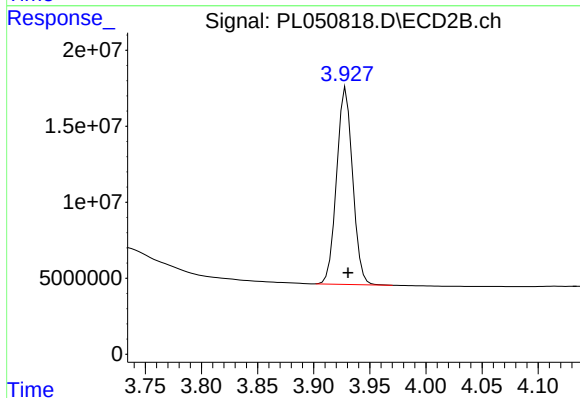
#1 Tetrachloro-m-xylene

R.T.: 3.317 min  
Delta R.T.: 0.000 min  
Response: 480648926  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

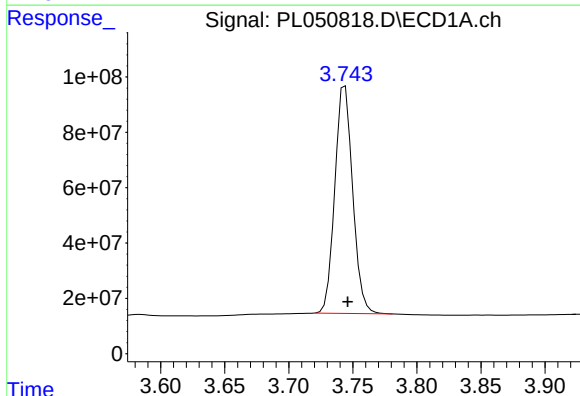
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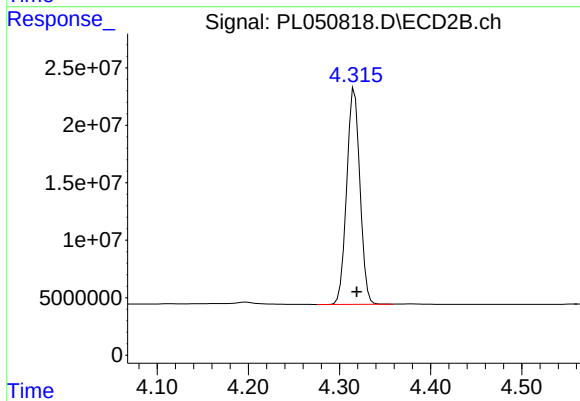
#1 Tetrachloro-m-xylene

R.T.: 3.929 min  
Delta R.T.: -0.002 min  
Response: 128623561  
Conc: 45.08 ng/ml



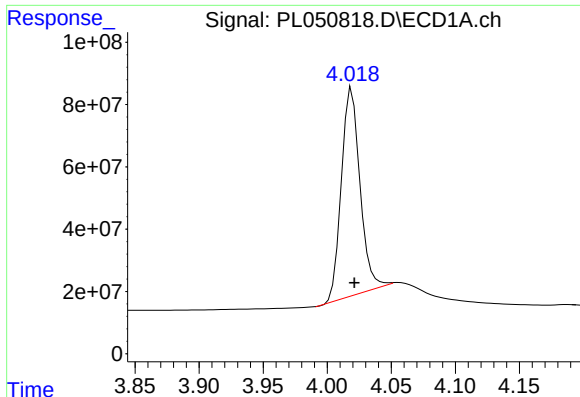
#2 alpha-BHC

R.T.: 3.744 min  
Delta R.T.: -0.002 min  
Response: 797295038  
Conc: 47.58 ng/ml



#2 alpha-BHC

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 189238579  
Conc: 45.87 ng/ml



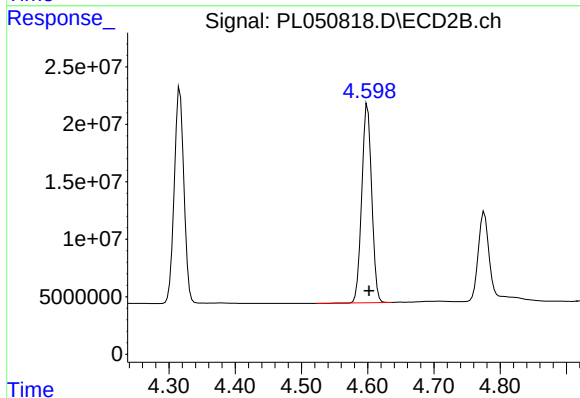
#3 gamma-BHC (Lindane)

R.T.: 4.019 min  
Delta R.T.: -0.002 min  
Response: 682070461  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

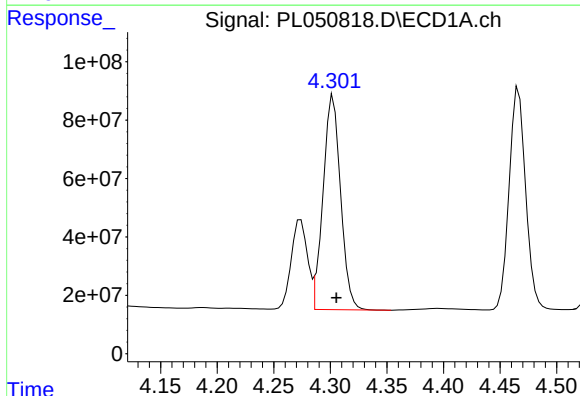
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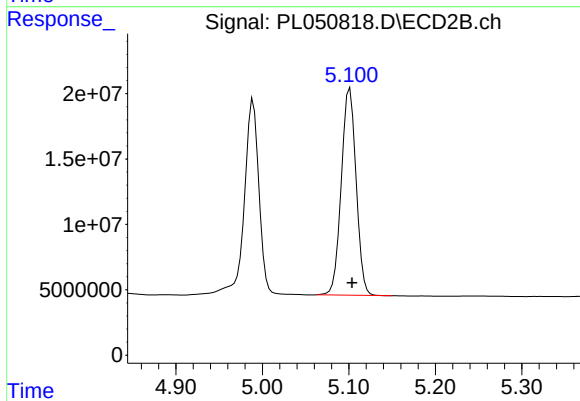
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 180138954  
Conc: 46.51 ng/ml



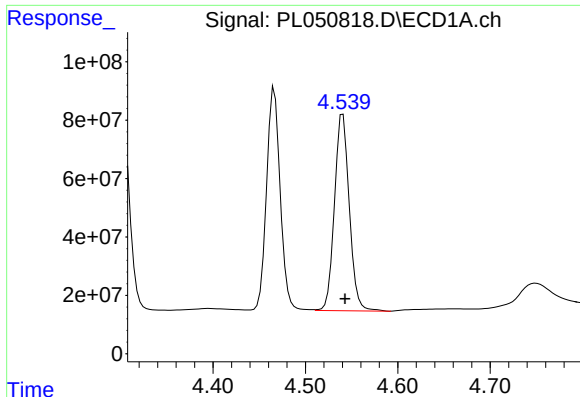
#4 Heptachlor

R.T.: 4.303 min  
Delta R.T.: -0.003 min  
Response: 789595774  
Conc: 48.12 ng/ml



#4 Heptachlor

R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 187000963  
Conc: 45.10 ng/ml



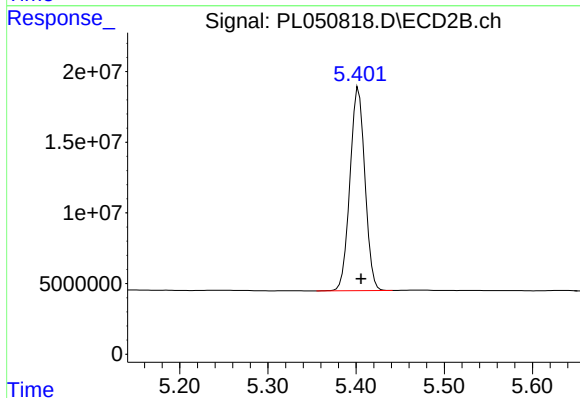
#5 Aldrin

R.T.: 4.541 min  
Delta R.T.: -0.003 min  
Response: 751925082  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

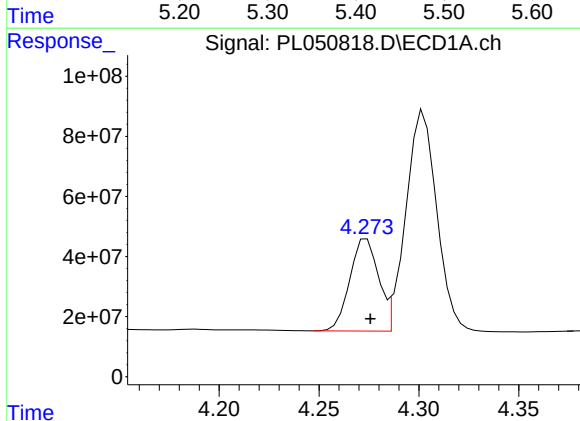
Manual Integrations  
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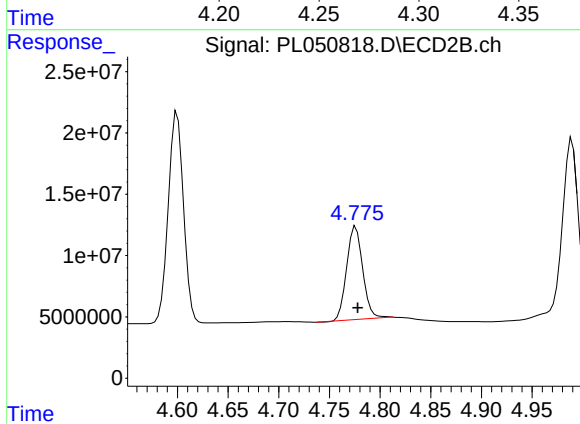
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 169474571  
Conc: 44.97 ng/ml



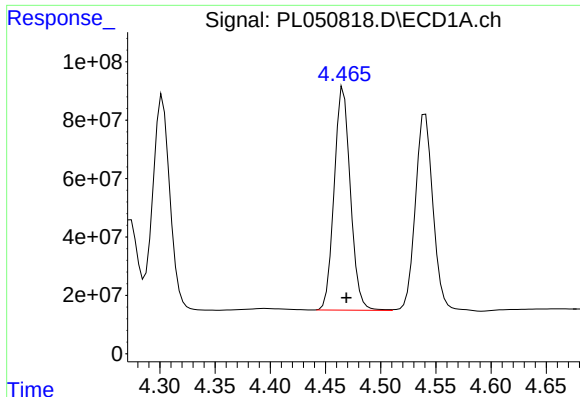
#6 beta-BHC

R.T.: 4.274 min  
Delta R.T.: -0.002 min  
Response: 307134751  
Conc: 46.85 ng/ml



#6 beta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 83348117  
Conc: 48.21 ng/ml



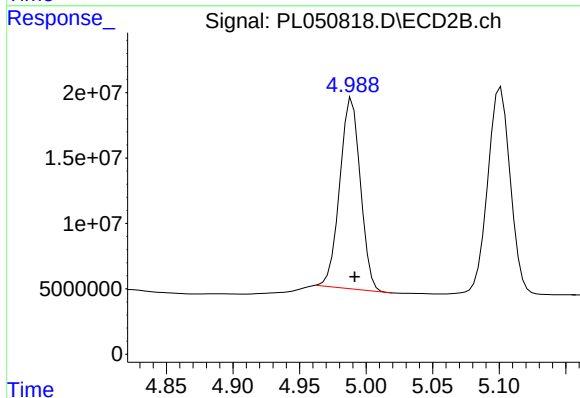
#7 delta-BHC

R.T.: 4.466 min  
Delta R.T.: -0.003 min  
Response: 780521985  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

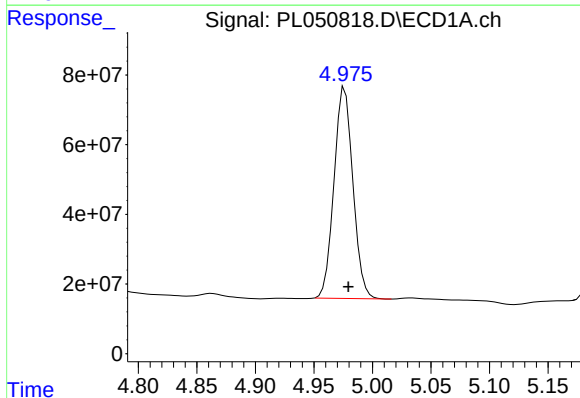
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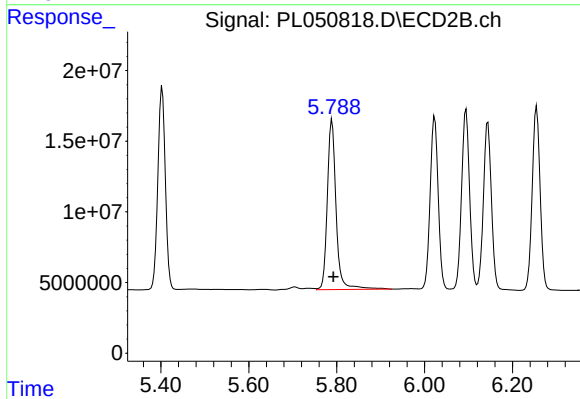
#7 delta-BHC

R.T.: 4.989 min  
Delta R.T.: -0.002 min  
Response: 156429502  
Conc: 40.45 ng/ml



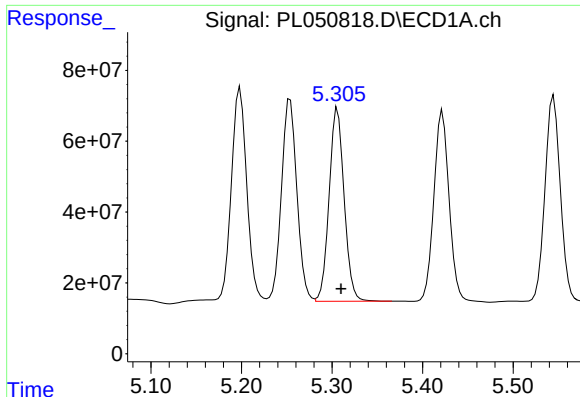
#8 Heptachlor epoxide

R.T.: 4.976 min  
Delta R.T.: -0.003 min  
Response: 680736370  
Conc: 46.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min  
Delta R.T.: -0.003 min  
Response: 166714601  
Conc: 43.59 ng/ml



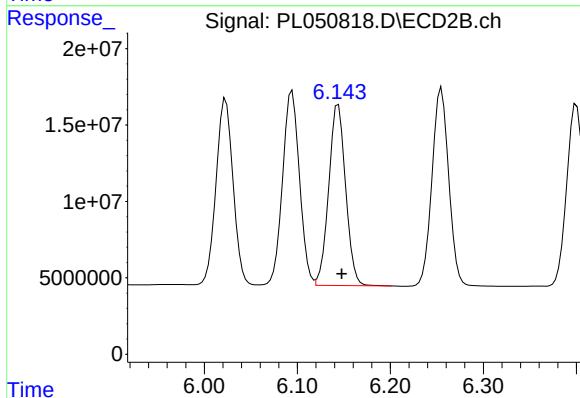
#9 Endosulfan I

R.T.: 5.306 min  
Delta R.T.: -0.004 min  
Response: 629218955  
Conc: 43.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

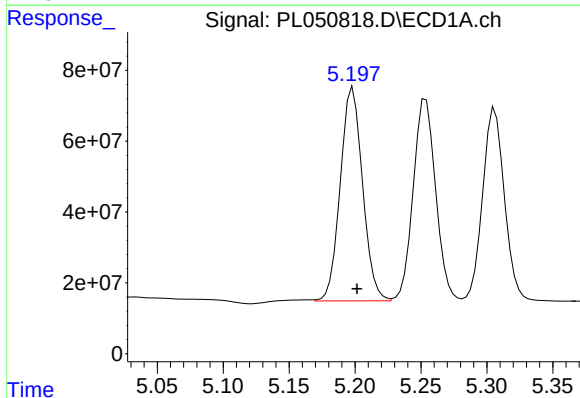
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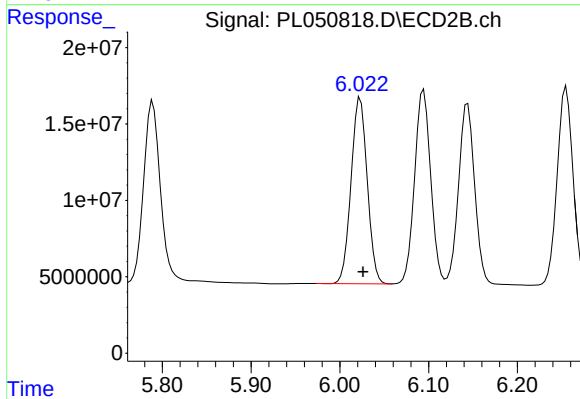
#9 Endosulfan I

R.T.: 6.144 min  
Delta R.T.: -0.004 min  
Response: 149642145  
Conc: 43.51 ng/ml



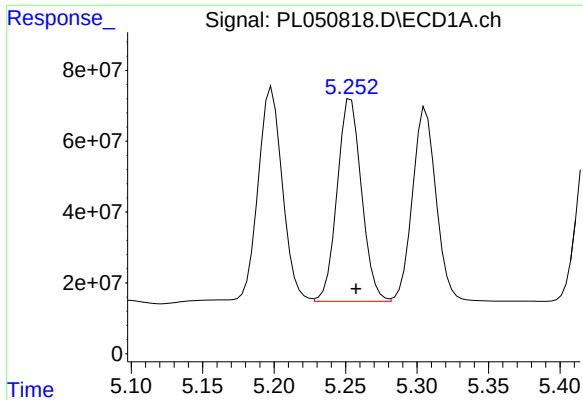
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: -0.005 min  
Response: 708024621  
Conc: 44.86 ng/ml m



#10 gamma-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 154364145  
Conc: 41.77 ng/ml



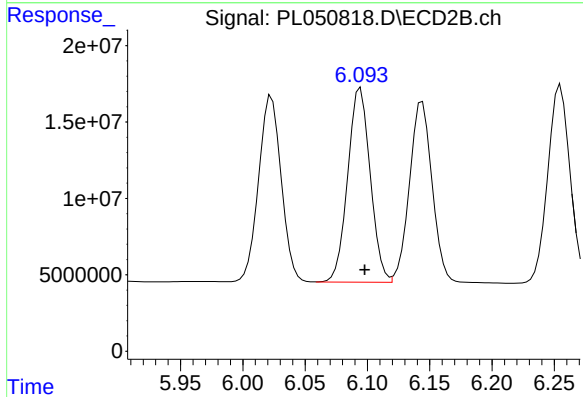
#11 alpha-Chlordane

R.T.: 5.254 min  
Delta R.T.: -0.004 min  
Response: 679321951  
Conc: 44.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

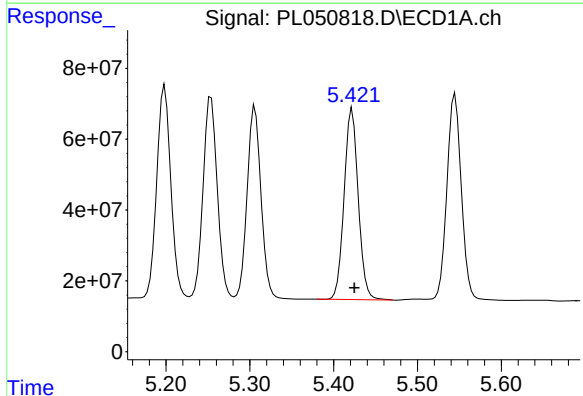
Manual Integrations  
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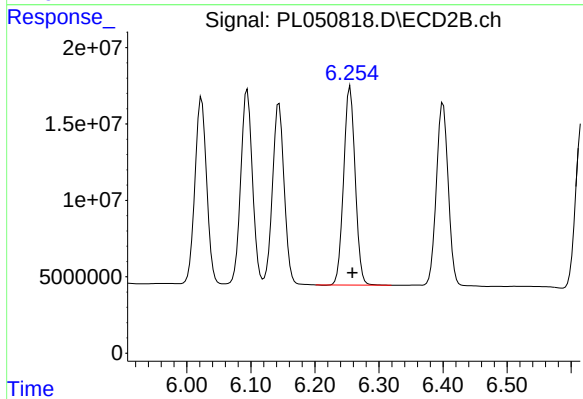
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 160788891  
Conc: 43.87 ng/ml



#12 4,4'-DDE

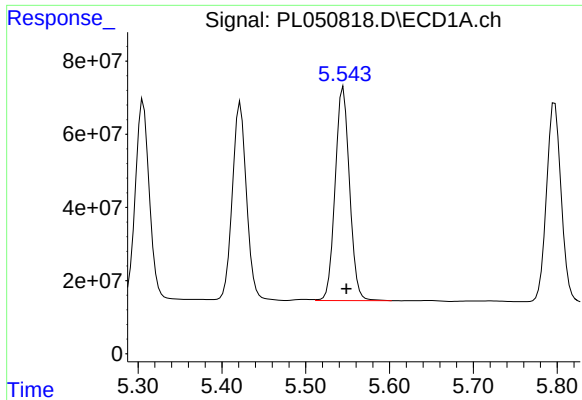
R.T.: 5.422 min  
Delta R.T.: -0.003 min  
Response: 632273996  
Conc: 42.19 ng/ml



#12 4,4'-DDE

R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 162167798  
Conc: 45.00 ng/ml





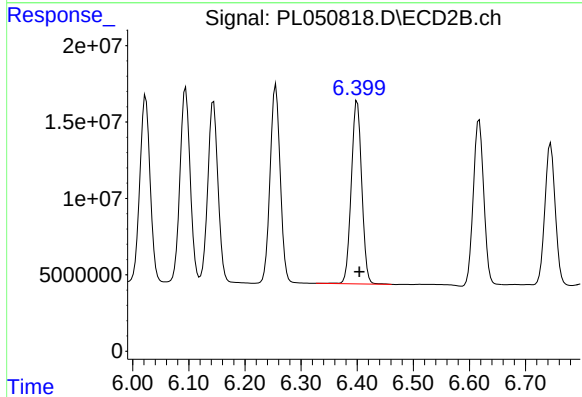
#13 Dieldrin

R.T.: 5.545 min  
Delta R.T.: -0.004 min  
Response: 695265498  
Conc: 44.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

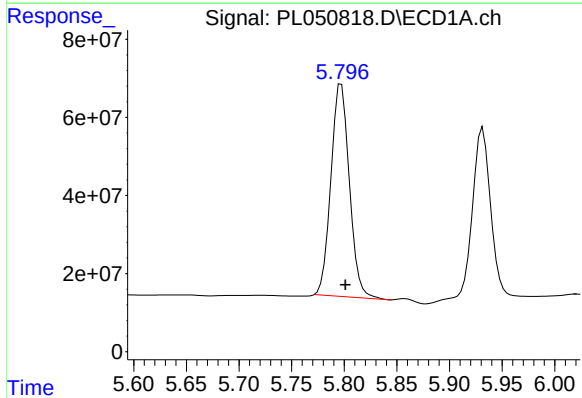
Manual Integrations  
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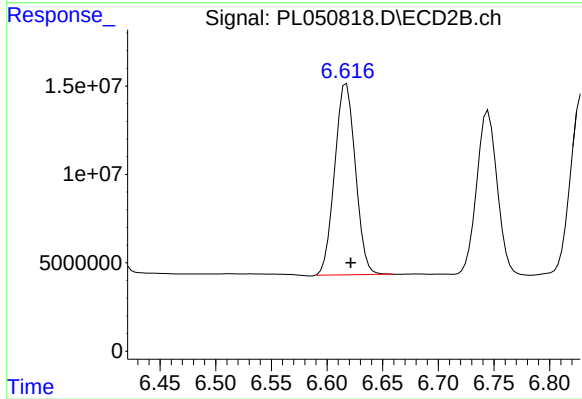
#13 Dieldrin

R.T.: 6.400 min  
Delta R.T.: -0.004 min  
Response: 154994548  
Conc: 43.77 ng/ml



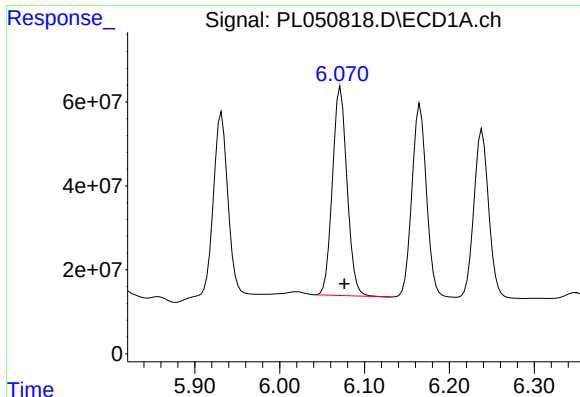
#14 Endrin

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 663820071  
Conc: 45.10 ng/ml



#14 Endrin

R.T.: 6.617 min  
Delta R.T.: -0.004 min  
Response: 140046404  
Conc: 45.16 ng/ml



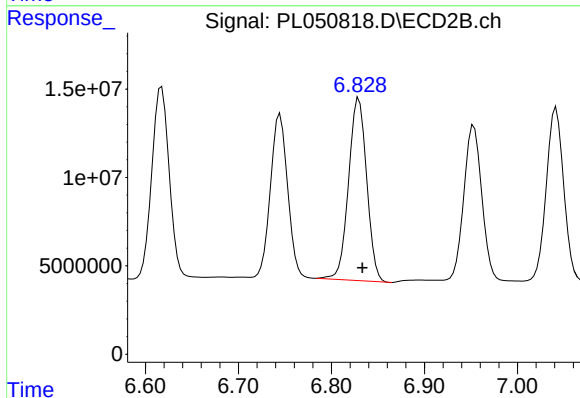
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 594891307  
Conc: 42.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

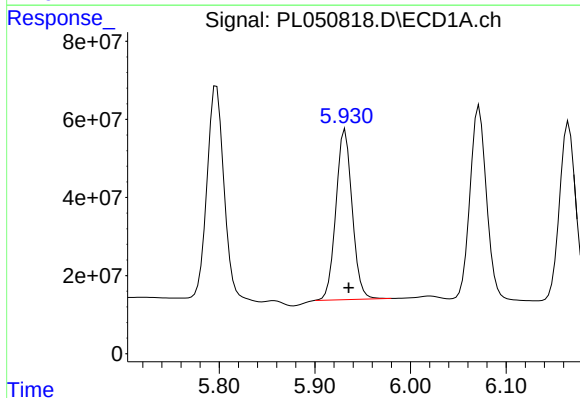
Manual Integrations  
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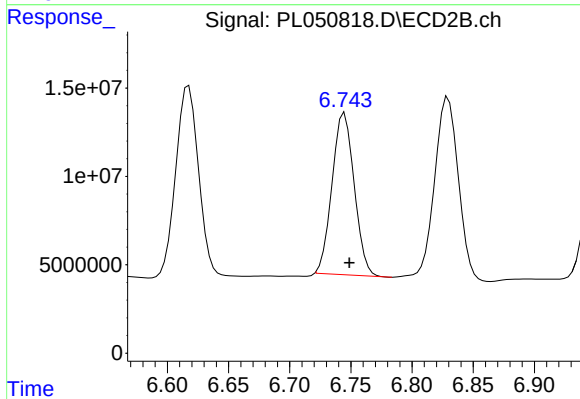
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.004 min  
Response: 140005198  
Conc: 44.04 ng/ml



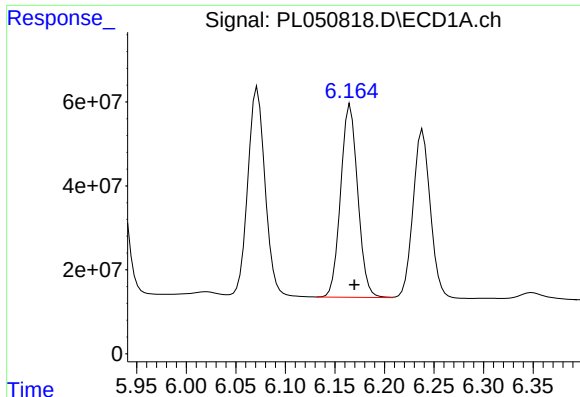
#16 4,4'-DDD

R.T.: 5.932 min  
Delta R.T.: -0.004 min  
Response: 514370394  
Conc: 42.92 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: -0.004 min  
Response: 115268991  
Conc: 43.29 ng/ml



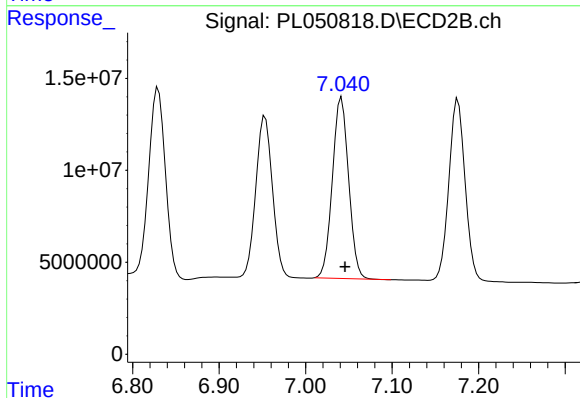
#17 4,4'-DDT

R.T.: 6.165 min  
Delta R.T.: -0.004 min  
Response: 551277846  
Conc: 44.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

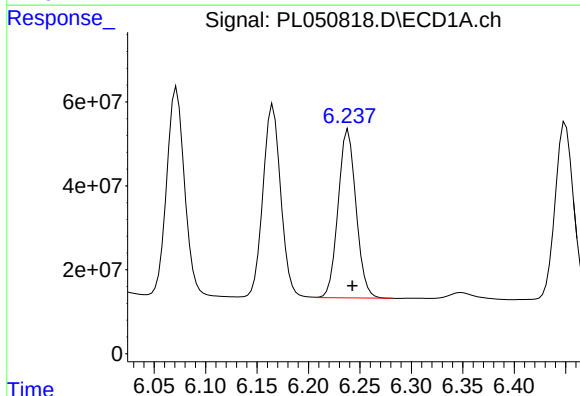
Manual Integrations  
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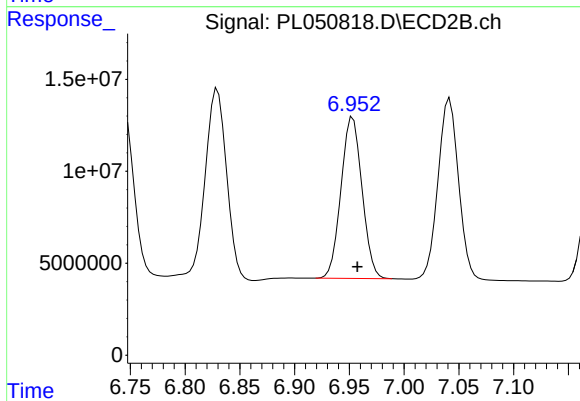
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.004 min  
Response: 127926147  
Conc: 47.39 ng/ml



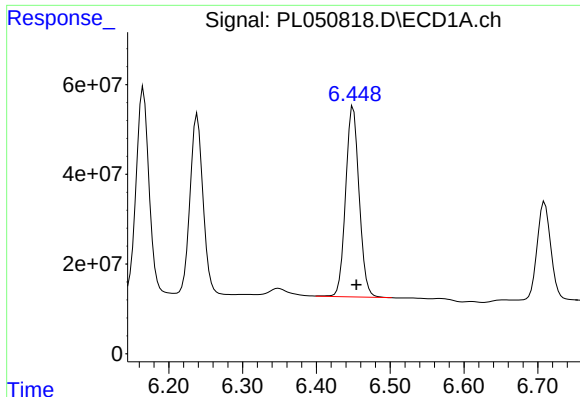
#18 Endrin aldehyde

R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 485538500  
Conc: 42.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.952 min  
Delta R.T.: -0.006 min  
Response: 117302177  
Conc: 43.16 ng/ml m



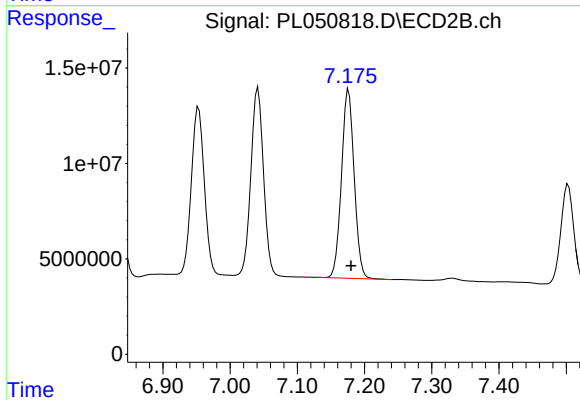
#19 Endosulfan Sulfate

R.T.: 6.450 min  
Delta R.T.: -0.004 min  
Response: 539606687  
Conc: 42.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

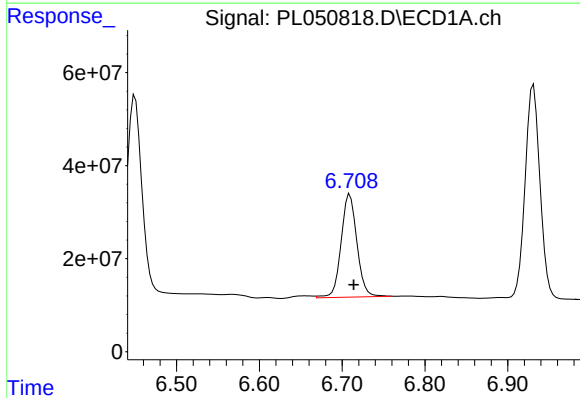
Manual Integrations  
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7/27/2019 9:06:47 AM



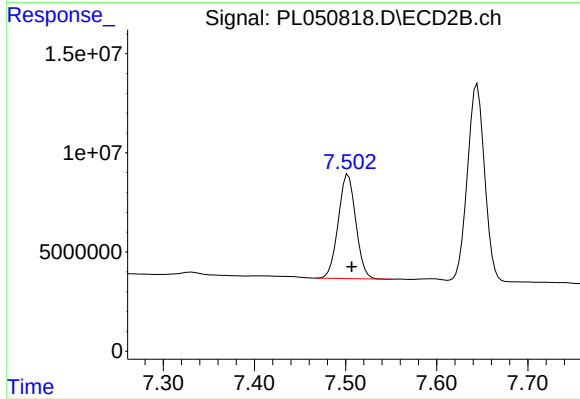
#19 Endosulfan Sulfate

R.T.: 7.176 min  
Delta R.T.: -0.004 min  
Response: 129199842  
Conc: 44.73 ng/ml



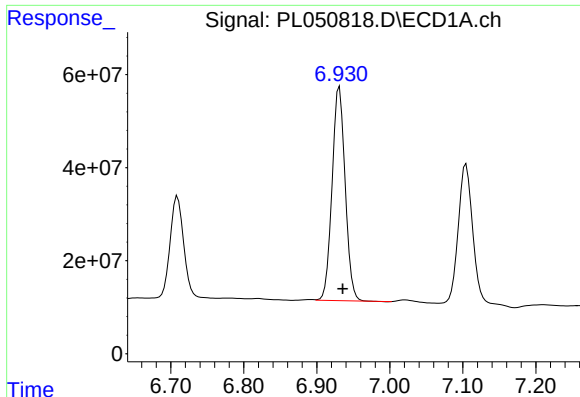
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: -0.005 min  
Response: 292641070  
Conc: 46.91 ng/ml



#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 70126023  
Conc: 47.79 ng/ml



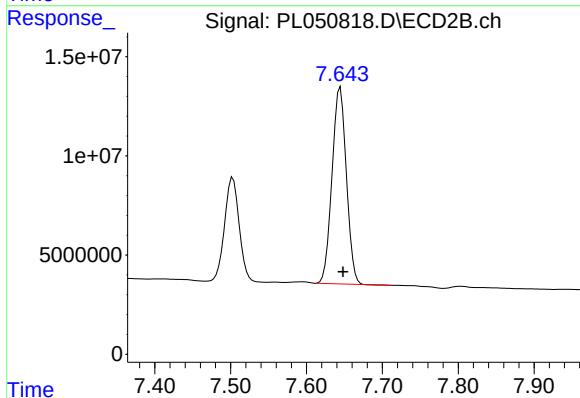
#21 Endrin ketone

R.T.: 6.931 min  
Delta R.T.: -0.005 min  
Response: 571931967  
Conc: 41.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

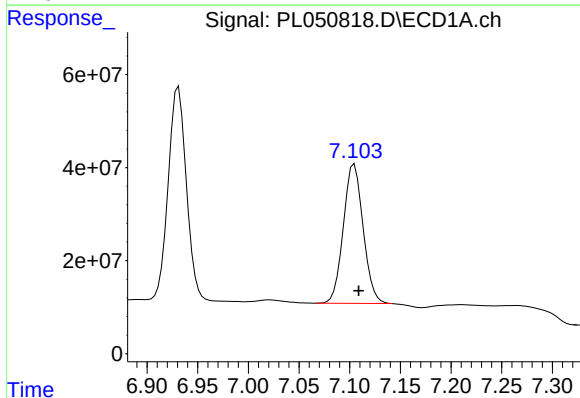
Manual Integrations  
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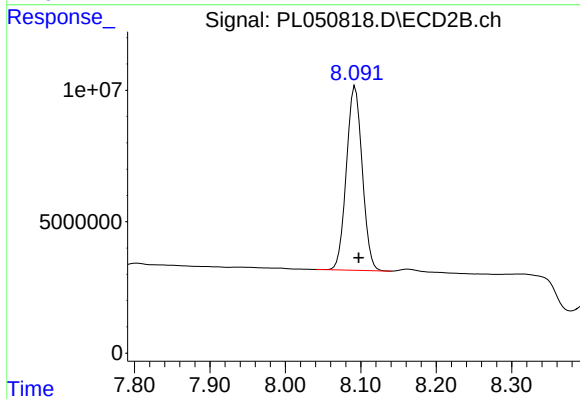
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 130341242  
Conc: 45.08 ng/ml



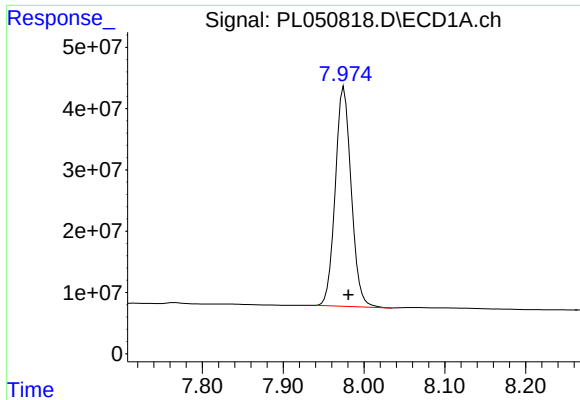
#22 Mirex

R.T.: 7.105 min  
Delta R.T.: -0.004 min  
Response: 405398793  
Conc: 41.35 ng/ml



#22 Mirex

R.T.: 8.093 min  
Delta R.T.: -0.005 min  
Response: 102240227  
Conc: 44.51 ng/ml



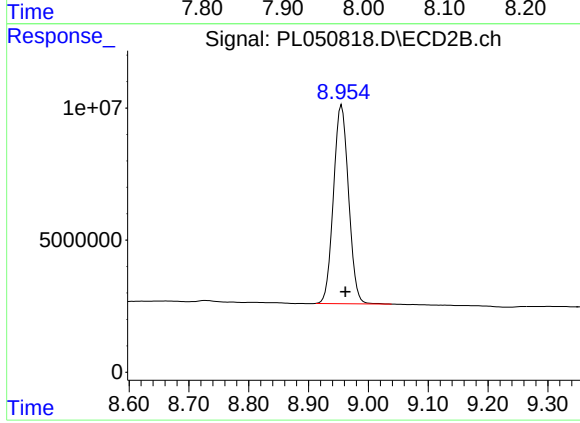
#28 Decachlorobiphenyl

R.T.: 7.975 min  
Delta R.T.: -0.005 min  
Response: 490294317  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.955 min  
Delta R.T.: -0.006 min  
Response: 132033296  
Conc: 46.69 ng/ml