

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062918\  
 Data File : PL037574.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2018 21:01  
 Operator : UA\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: Jun 30 09:04:25 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|---------|
| -----                       |                 |       |       |         |          |         |         |
| System Monitoring Compounds |                 |       |       |         |          |         |         |
| 1)                          | SA Tetrachlo... | 3.335 | 3.936 | 394.4E6 | 152.1E6  | 49.864  | 54.990  |
| 28)                         | SA Decachlor... | 8.014 | 8.948 | 246.4E6 | 87249684 | 40.833  | 43.978  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.765 | 4.316 | 623.5E6 | 207.1E6  | 50.924  | 53.375  |
| 3)                          | MA gamma-BHC... | 4.042 | 4.595 | 524.2E6 | 174.7E6  | 50.820  | 50.597  |
| 4)                          | MA Heptachlor   | 4.327 | 5.107 | 500.6E6 | 172.4E6  | 48.857  | 49.876  |
| 5)                          | MB Aldrin       | 4.567 | 5.409 | 484.1E6 | 155.8E6  | 47.563  | 49.651  |
| 6)                          | B beta-BHC      | 4.296 | 4.757 | 222.9E6 | 77845341 | 48.862  | 48.270  |
| 7)                          | B delta-BHC     | 4.491 | 4.971 | 502.2E6 | 155.3E6  | 47.468  | 55.051  |
| 8)                          | B Heptachlo...  | 5.006 | 5.789 | 456.6E6 | 144.0E6  | 48.747  | 50.510  |
| 9)                          | A Endosulfan I  | 5.336 | 6.142 | 374.6E6 | 121.7E6  | 44.272  | 47.437  |
| 10)                         | B gamma-Chl...  | 5.228 | 6.021 | 432.0E6 | 139.5E6  | 46.126  | 49.524  |
| 11)                         | B alpha-Chl...  | 5.285 | 6.095 | 407.5E6 | 136.5E6  | 44.874  | 47.421  |
| 12)                         | B 4,4'-DDE      | 5.454 | 6.250 | 394.6E6 | 114.0E6  | 44.677  | 44.806  |
| 13)                         | MA Dieldrin     | 5.576 | 6.396 | 383.2E6 | 121.2E6  | 43.279  | 45.395  |
| 14)                         | MA Endrin       | 5.830 | 6.610 | 346.9E6 | 107.1E6  | 44.037  | 46.573  |
| 15)                         | B Endosulfa...  | 6.105 | 6.813 | 313.0E6 | 99729270 | 42.564  | 40.213  |
| 16)                         | A 4,4'-DDD      | 5.966 | 6.732 | 293.9E6 | 90066013 | 43.806  | 43.877  |
| 17)                         | MA 4,4'-DDT     | 6.199 | 7.030 | 259.0E6 | 86568146 | 40.116m | 40.869m |
| 18)                         | B Endrin al...  | 6.273 | 6.935 | 237.1E6 | 84982591 | 41.811  | 41.895  |
| 19)                         | B Endosulfa...  | 6.485 | 7.157 | 274.8E6 | 92537250 | 41.138  | 42.435  |
| 20)                         | A Methoxychlor  | 6.748 | 7.486 | 141.2E6 | 47429630 | 41.546m | 42.373  |
| 21)                         | B Endrin ke...  | 6.967 | 7.622 | 293.3E6 | 95334372 | 41.246m | 46.971  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062918\  
Data File : PL037574.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2018 21:01  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

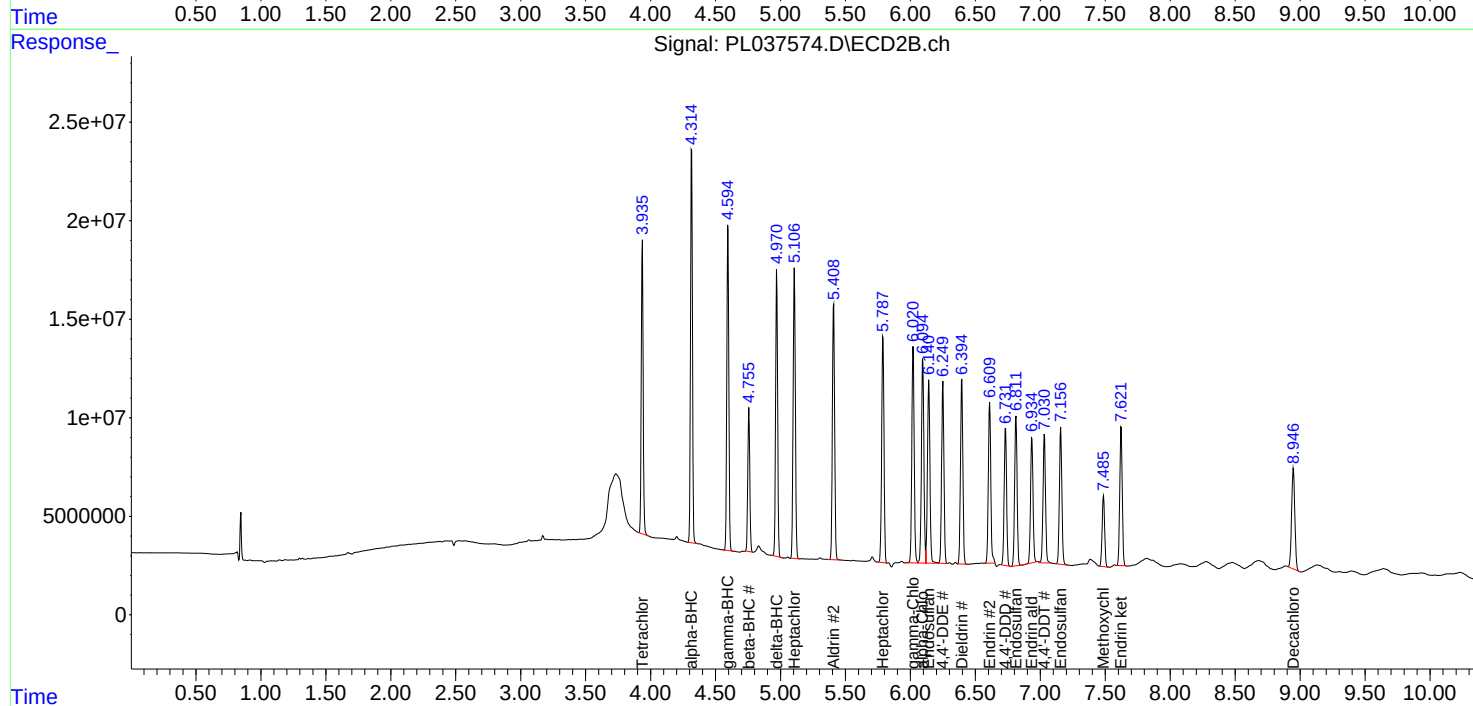
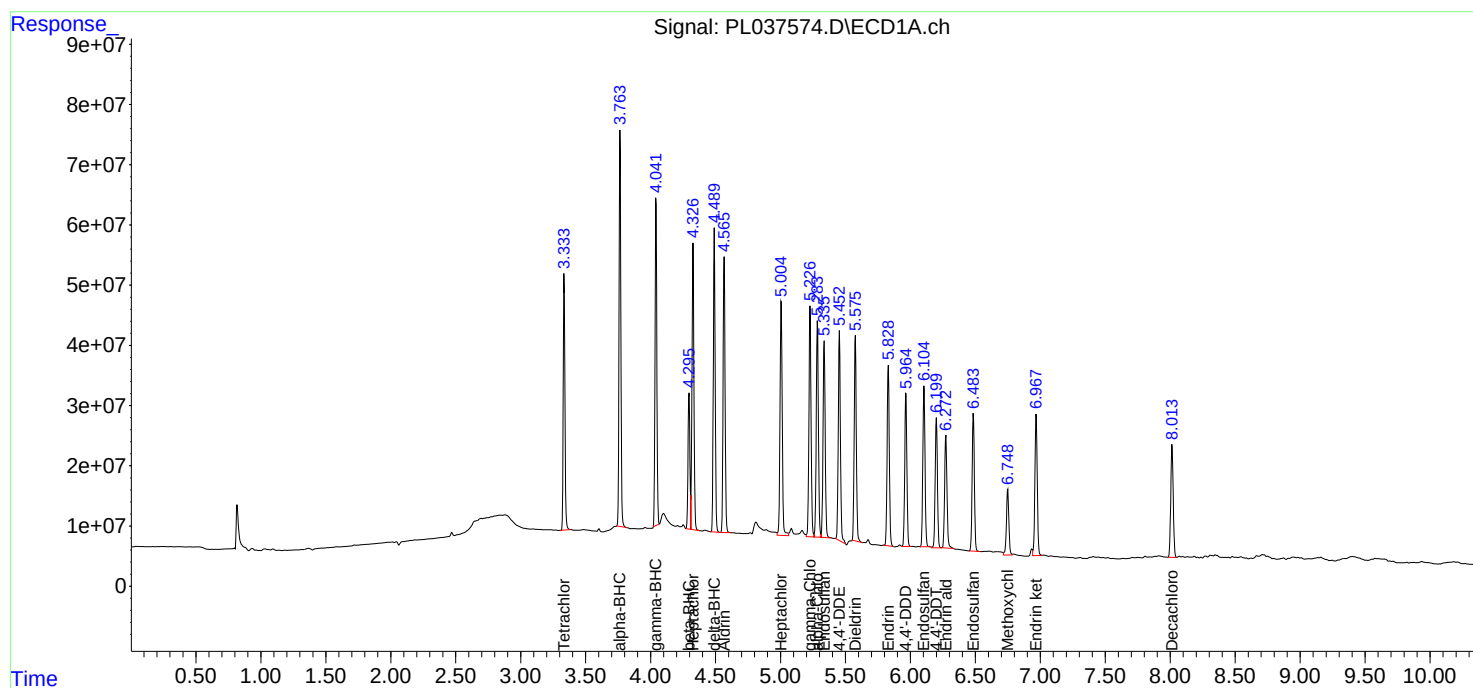
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

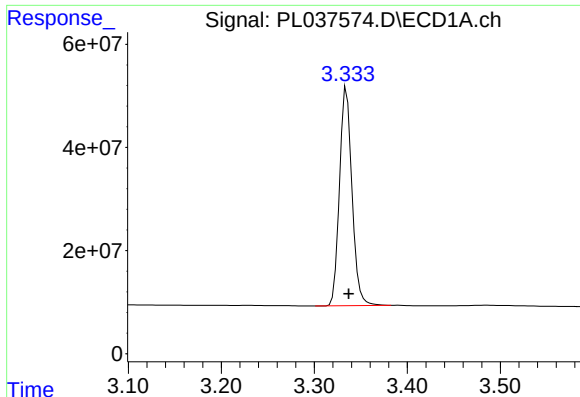
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 30 09:04:25 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





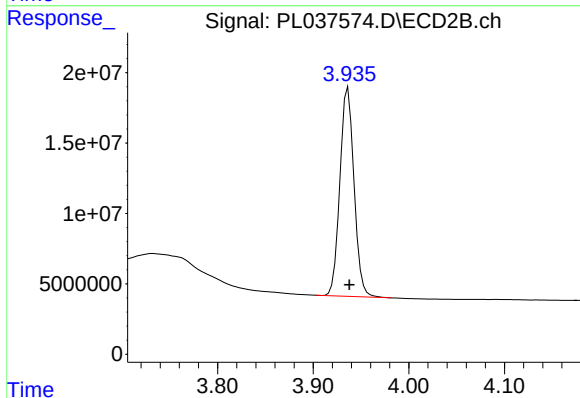
#1 Tetrachloro-m-xylene

R.T.: 3.335 min  
Delta R.T.: -0.002 min  
Response: 394441390  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

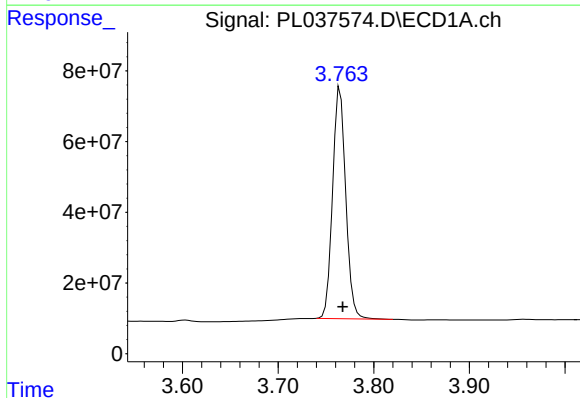
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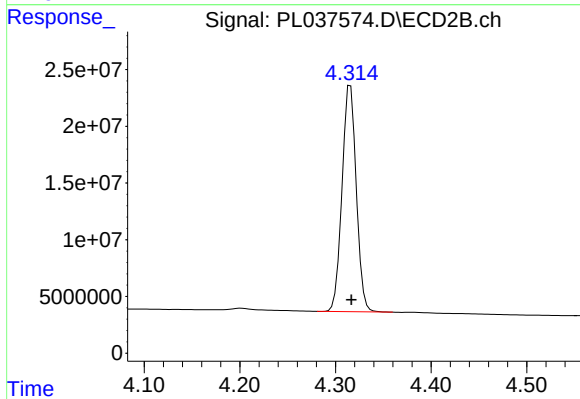
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: -0.001 min  
Response: 152141431  
Conc: 54.99 ng/ml



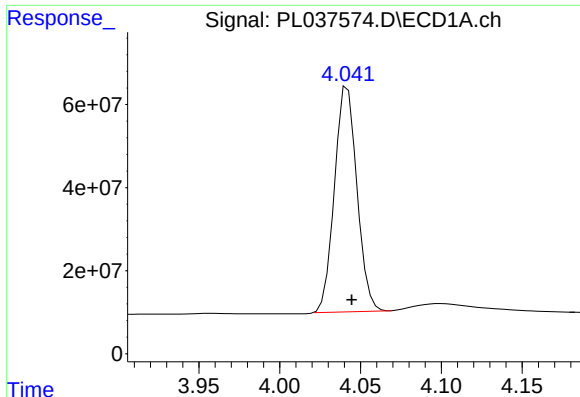
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.003 min  
Response: 623459247  
Conc: 50.92 ng/ml



#2 alpha-BHC

R.T.: 4.316 min  
Delta R.T.: -0.001 min  
Response: 207107807  
Conc: 53.37 ng/ml



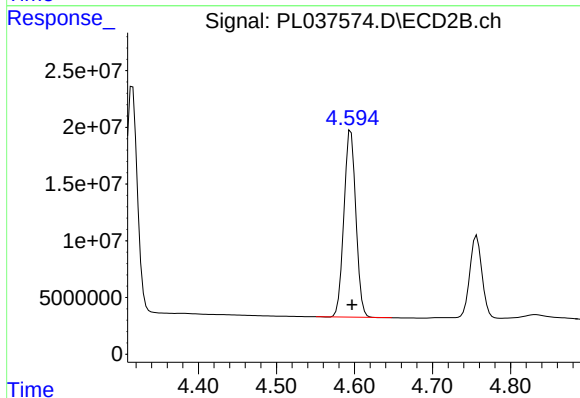
#3 gamma-BHC (Lindane)

R.T.: 4.042 min  
Delta R.T.: -0.003 min  
Response: 524192353  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

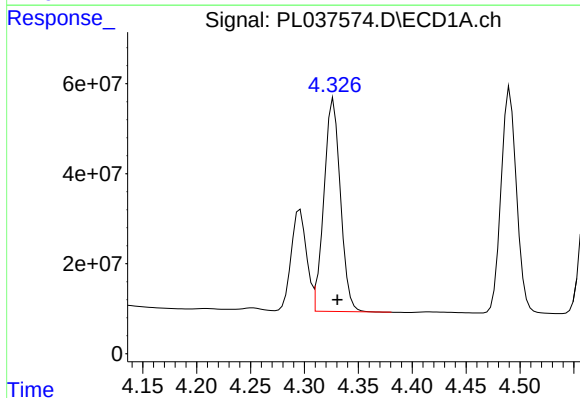
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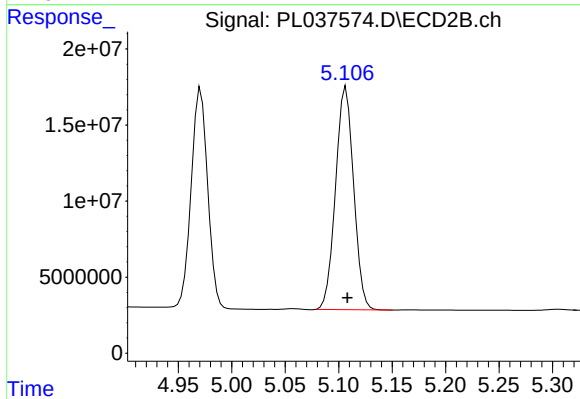
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.001 min  
Response: 174747979  
Conc: 50.60 ng/ml



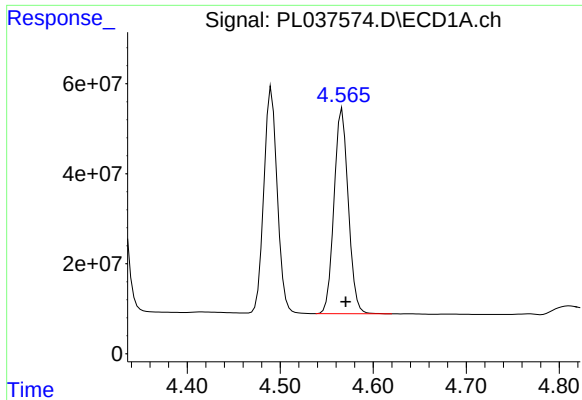
#4 Heptachlor

R.T.: 4.327 min  
Delta R.T.: -0.003 min  
Response: 500552738  
Conc: 48.86 ng/ml



#4 Heptachlor

R.T.: 5.107 min  
Delta R.T.: -0.001 min  
Response: 172392320  
Conc: 49.88 ng/ml



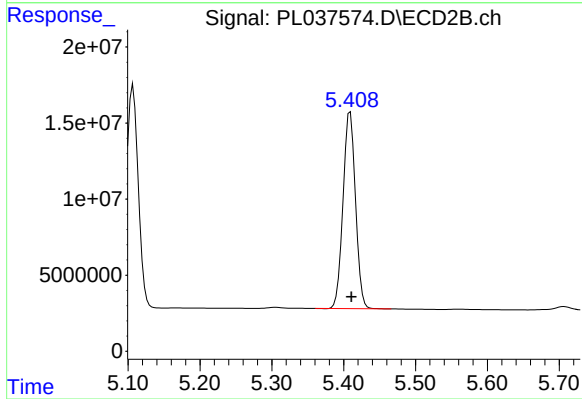
#5 Aldrin

R.T.: 4.567 min  
Delta R.T.: -0.004 min  
Response: 484122500  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

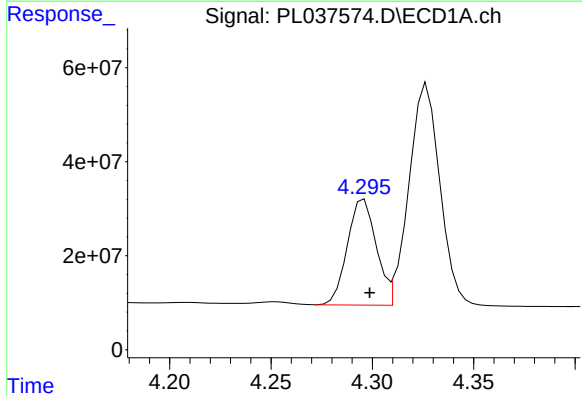
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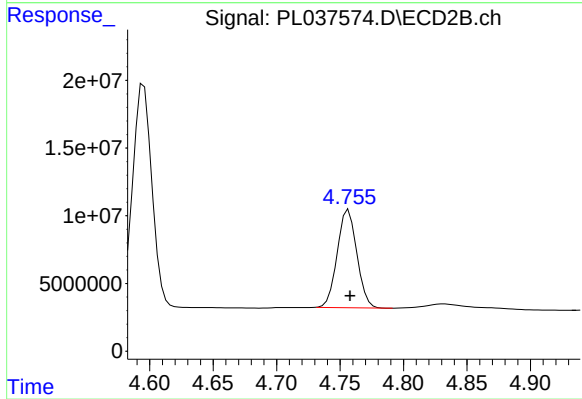
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 155766059  
Conc: 49.65 ng/ml



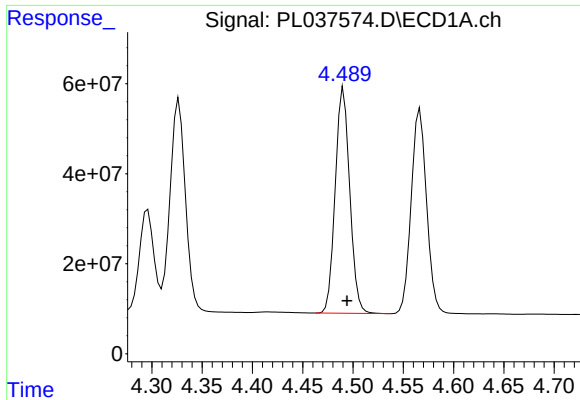
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 222854717  
Conc: 48.86 ng/ml



#6 beta-BHC

R.T.: 4.757 min  
Delta R.T.: -0.001 min  
Response: 77845341  
Conc: 48.27 ng/ml



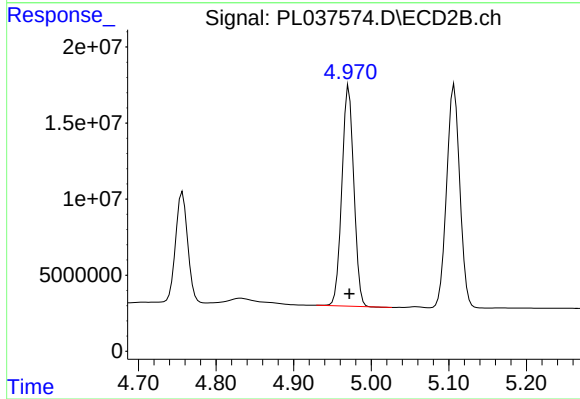
#7 delta-BHC

R.T.: 4.491 min  
Delta R.T.: -0.003 min  
Response: 502164692  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

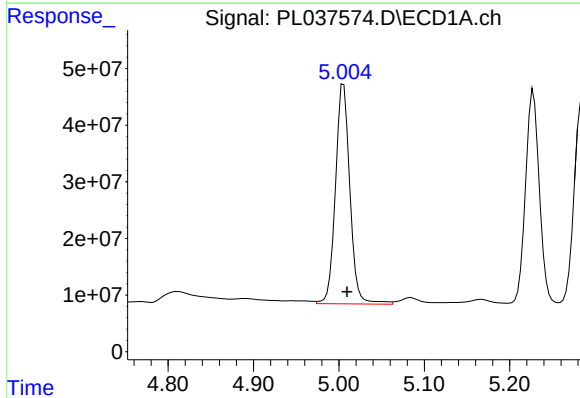
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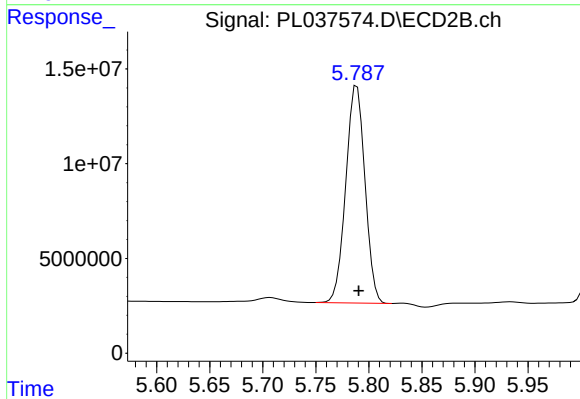
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 155257615  
Conc: 55.05 ng/ml



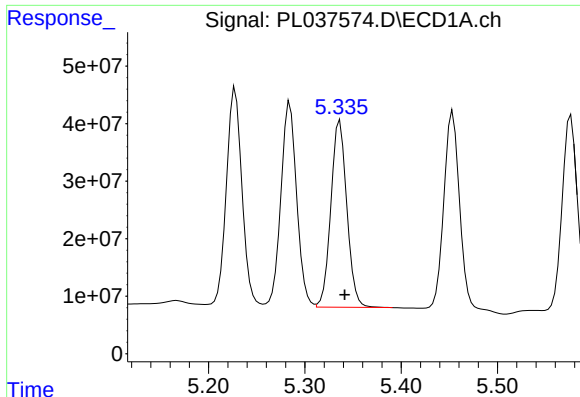
#8 Heptachlor epoxide

R.T.: 5.006 min  
Delta R.T.: -0.004 min  
Response: 456614944  
Conc: 48.75 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min  
Delta R.T.: -0.002 min  
Response: 143988061  
Conc: 50.51 ng/ml



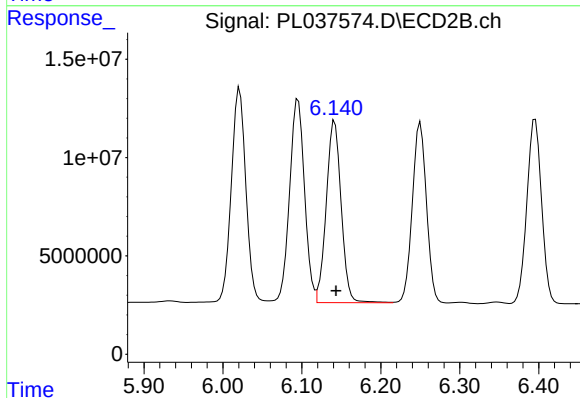
#9 Endosulfan I

R.T.: 5.336 min  
Delta R.T.: -0.005 min  
Response: 374578068  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

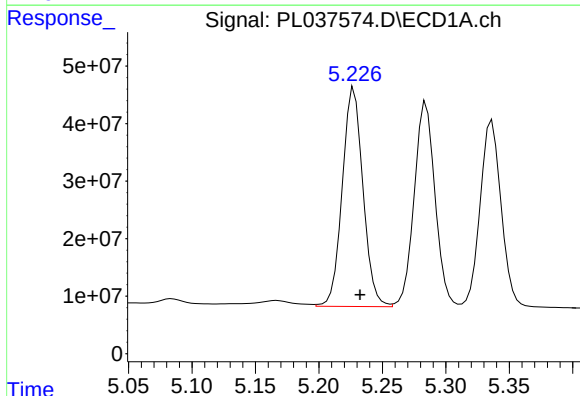
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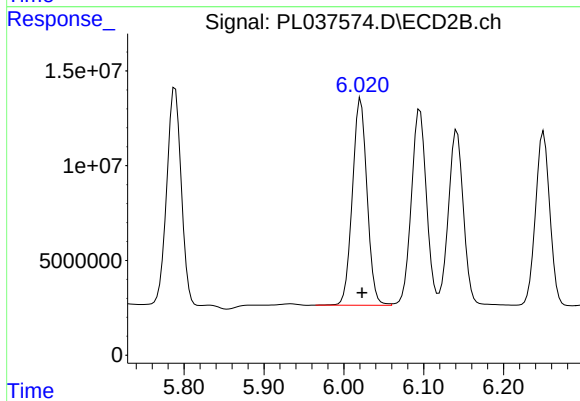
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 121666836  
Conc: 47.44 ng/ml



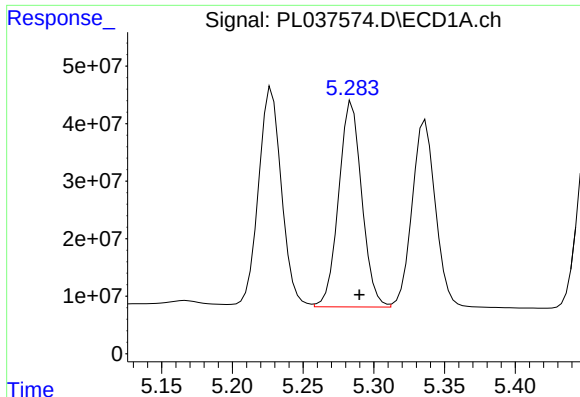
#10 gamma-Chlordane

R.T.: 5.228 min  
Delta R.T.: -0.005 min  
Response: 432029309  
Conc: 46.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 139478667  
Conc: 49.52 ng/ml



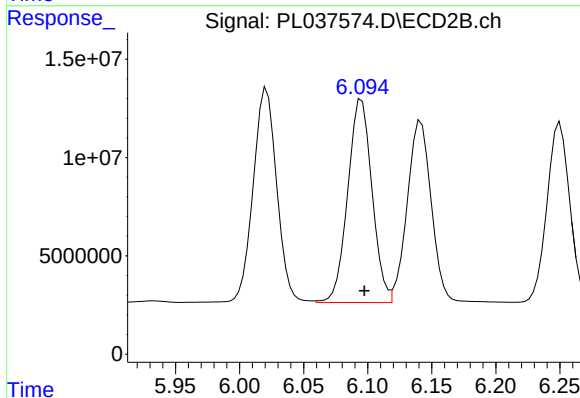
#11 alpha-Chlordane

R.T.: 5.285 min  
Delta R.T.: -0.005 min  
Response: 407515389  
Conc: 44.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

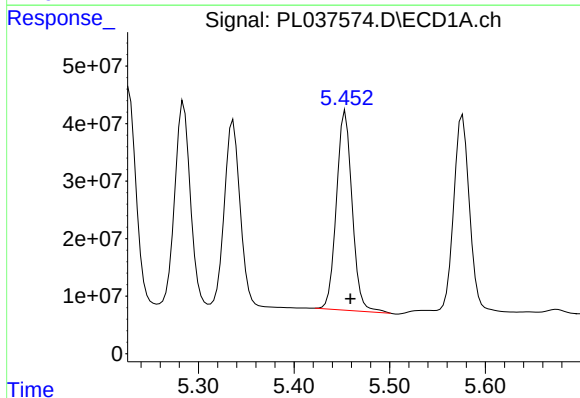
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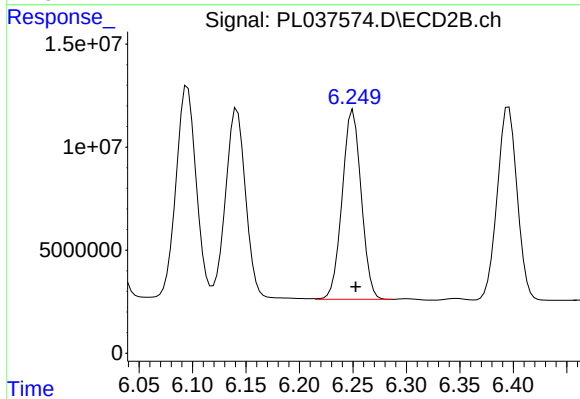
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 136489914  
Conc: 47.42 ng/ml



#12 4,4'-DDE

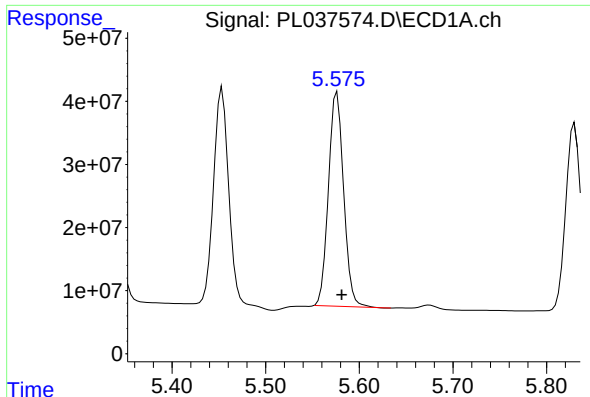
R.T.: 5.454 min  
Delta R.T.: -0.005 min  
Response: 394608237  
Conc: 44.68 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 114016484  
Conc: 44.81 ng/ml





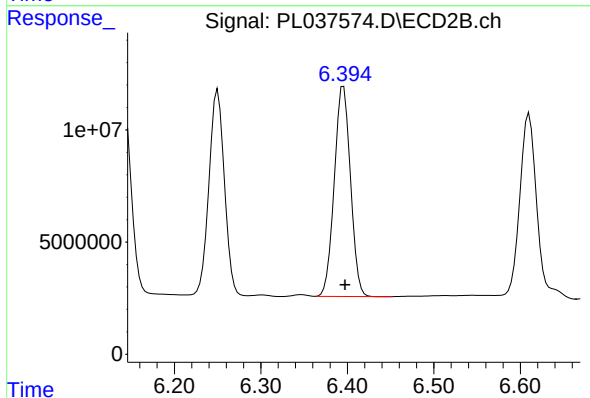
#13 Dieldrin

R.T.: 5.576 min  
Delta R.T.: -0.005 min  
Response: 383152445  
Conc: 43.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

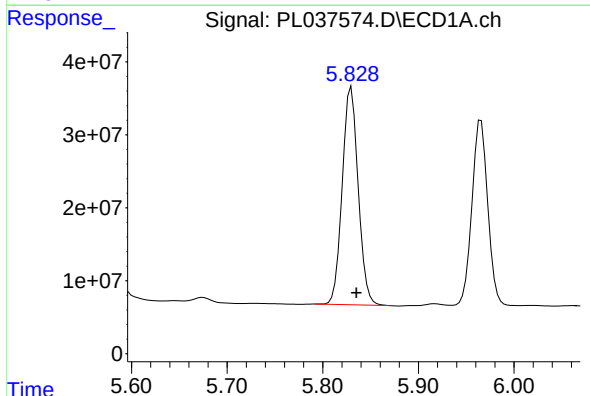
Manual Integrations  
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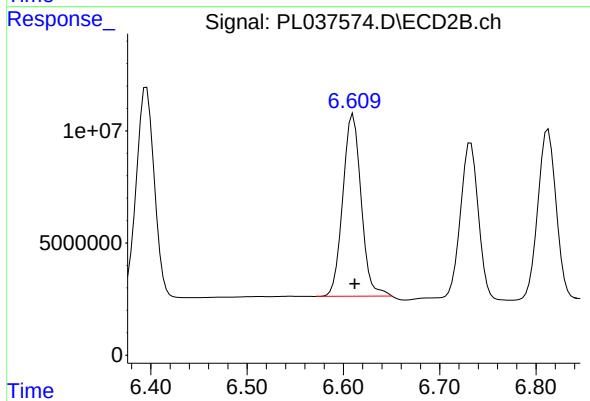
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: -0.002 min  
Response: 121169410  
Conc: 45.39 ng/ml



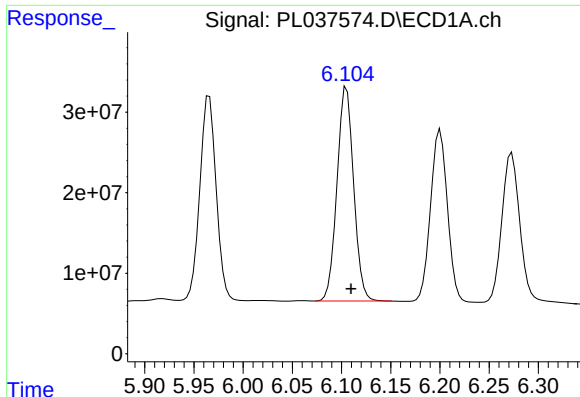
#14 Endrin

R.T.: 5.830 min  
Delta R.T.: -0.005 min  
Response: 346903854  
Conc: 44.04 ng/ml



#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 107084904  
Conc: 46.57 ng/ml



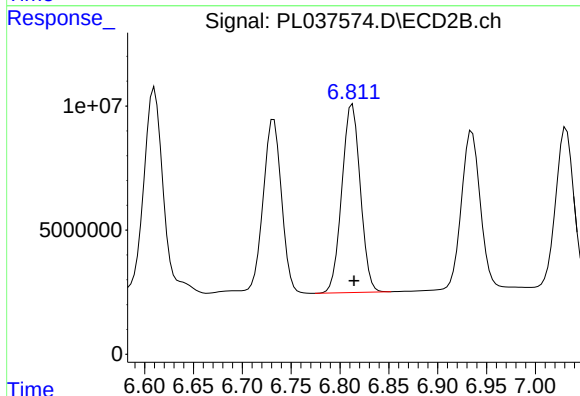
#15 Endosulfan II

R.T.: 6.105 min  
Delta R.T.: -0.005 min  
Response: 312994777  
Conc: 42.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

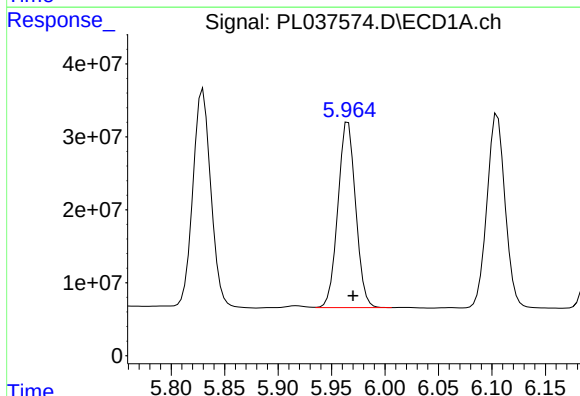
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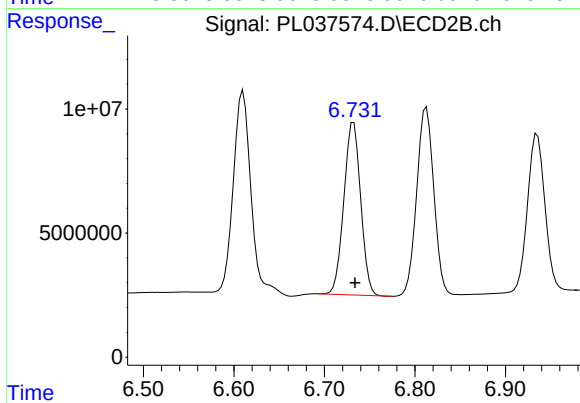
#15 Endosulfan II

R.T.: 6.813 min  
Delta R.T.: -0.002 min  
Response: 99729270  
Conc: 40.21 ng/ml



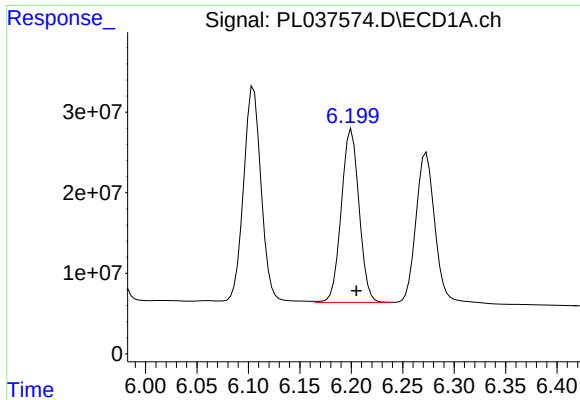
#16 4,4'-DDD

R.T.: 5.966 min  
Delta R.T.: -0.005 min  
Response: 293888560  
Conc: 43.81 ng/ml



#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 90066013  
Conc: 43.88 ng/ml



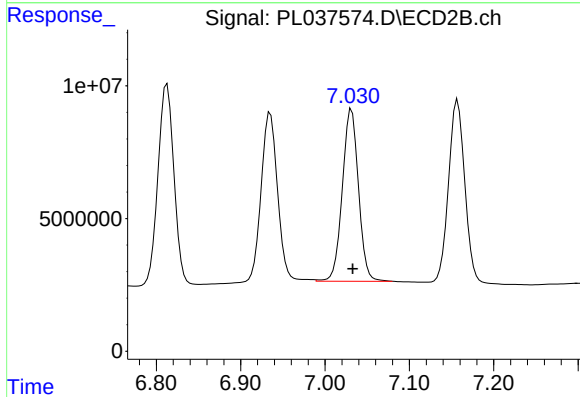
#17 4,4'-DDT

R.T.: 6.199 min  
Delta R.T.: -0.006 min  
Response: 259003288  
Conc: 40.12 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

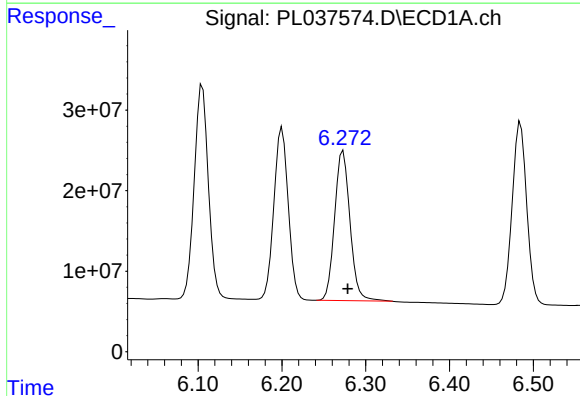
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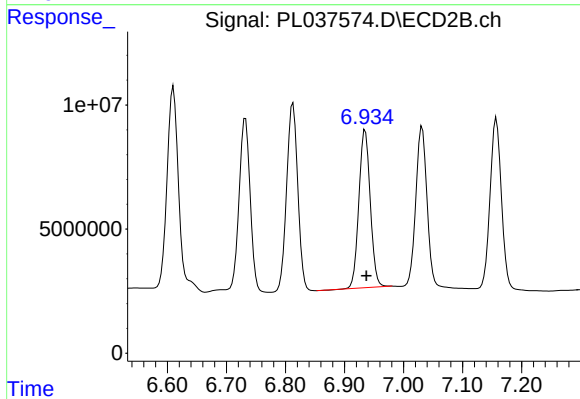
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 86568146  
Conc: 40.87 ng/ml m



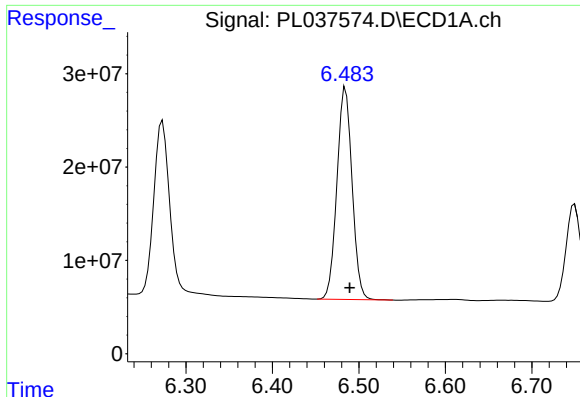
#18 Endrin aldehyde

R.T.: 6.273 min  
Delta R.T.: -0.005 min  
Response: 237066927  
Conc: 41.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: -0.002 min  
Response: 84982591  
Conc: 41.90 ng/ml



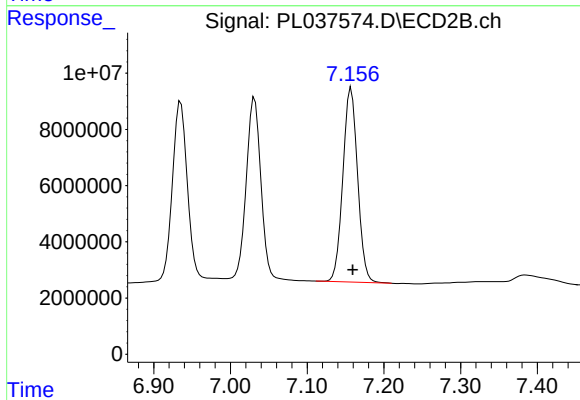
#19 Endosulfan Sulfate

R.T.: 6.485 min  
Delta R.T.: -0.005 min  
Response: 274807386  
Conc: 41.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

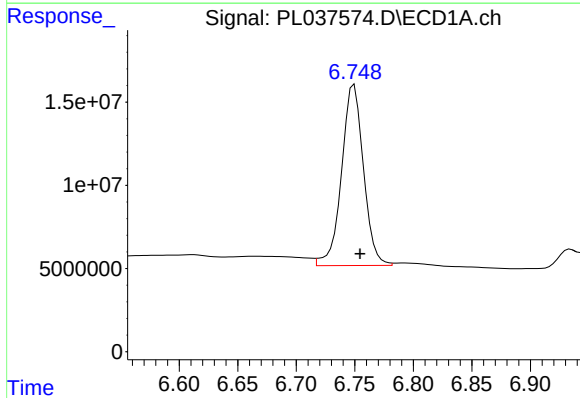
Manual Integrations  
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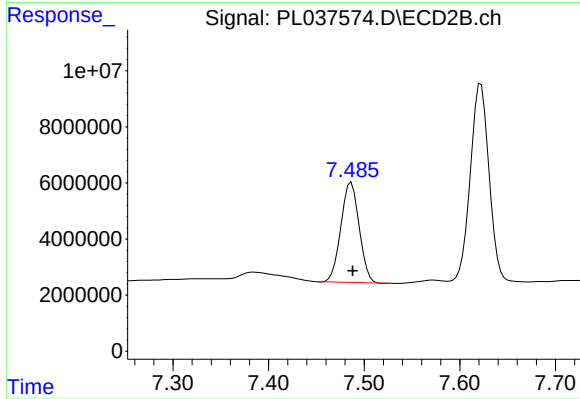
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 92537250  
Conc: 42.43 ng/ml



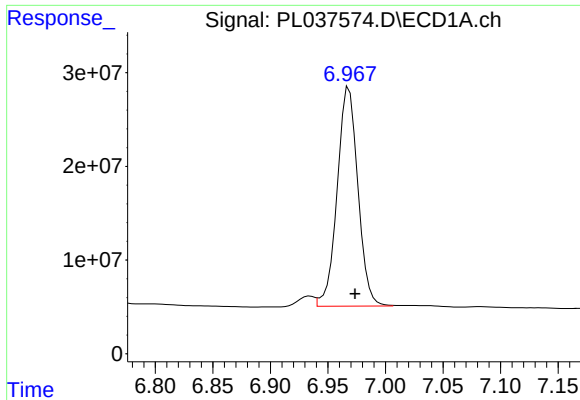
#20 Methoxychlor

R.T.: 6.748 min  
Delta R.T.: -0.007 min  
Response: 141214442  
Conc: 41.55 ng/ml m



#20 Methoxychlor

R.T.: 7.486 min  
Delta R.T.: -0.001 min  
Response: 47429630  
Conc: 42.37 ng/ml



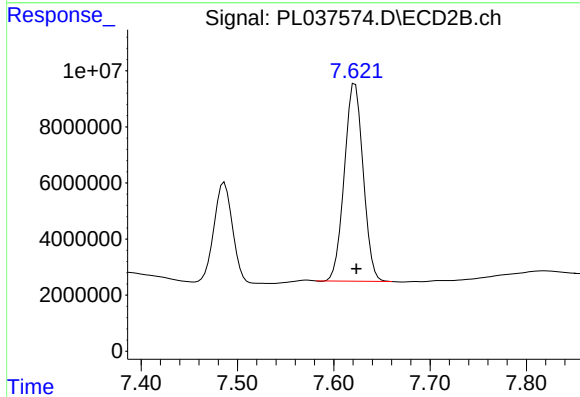
#21 Endrin ketone

R.T.: 6.967 min  
Delta R.T.: -0.007 min  
Response: 293325822  
Conc: 41.25 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

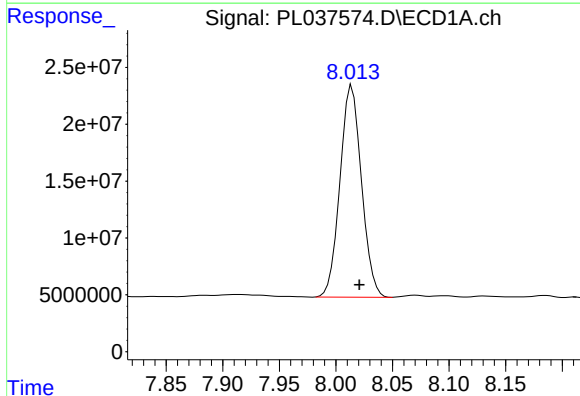
Manual Integrations  
APPROVED

Sohil  
7/7/2018 11:20:53 AM



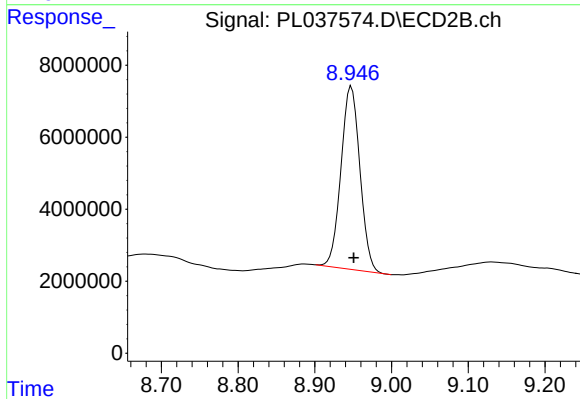
#21 Endrin ketone

R.T.: 7.622 min  
Delta R.T.: -0.001 min  
Response: 95334372  
Conc: 46.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.014 min  
Delta R.T.: -0.007 min  
Response: 246387620  
Conc: 40.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.948 min  
Delta R.T.: -0.003 min  
Response: 87249684  
Conc: 43.98 ng/ml