

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
 Data File : PL047551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2019 03:47  
 Operator : AJ\SJ  
 Sample : K2436-01MS  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-GF-02-038-AMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 18 05:28:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.356 | 3.975 | 121.8E6 | 43842654 | 16.745  | 19.149   |
| 2)                          | SA Decachlor... | 8.030 | 9.024 | 103.7E6 | 34346878 | 12.323  | 14.814   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.785 | 4.365 | 524.2E6 | 155.7E6  | 44.946  | 48.445   |
| 3)                          | MA gamma-BHC... | 4.062 | 4.649 | 488.6E6 | 146.8E6  | 45.471  | 49.049   |
| 4)                          | MA Heptachlor   | 4.348 | 5.153 | 524.6E6 | 156.9E6  | 47.580  | 50.994m  |
| 5)                          | MB Aldrin       | 4.588 | 5.458 | 464.5E6 | 147.8E6  | 45.036  | 51.606   |
| 6)                          | B beta-BHC      | 4.315 | 4.822 | 199.8E6 | 62502110 | 44.380  | 47.147   |
| 7)                          | B delta-BHC     | 4.510 | 5.038 | 349.0E6 | 76694194 | 34.473  | 33.055   |
| 8)                          | B Heptachlo...  | 5.025 | 5.842 | 421.4E6 | 123.8E6  | 43.204  | 46.940m  |
| 9)                          | A Endosulfan I  | 5.357 | 6.200 | 381.5E6 | 113.3E6  | 40.573  | 43.408   |
| 10)                         | B gamma-Chl...  | 5.248 | 6.078 | 566.8E6 | 157.4E6  | 55.174  | 55.450   |
| 11)                         | B alpha-Chl...  | 5.304 | 6.150 | 500.0E6 | 158.1E6  | 49.317  | 55.739   |
| 12)                         | B 4,4'-DDE      | 5.469 | 6.308 | 404.2E6 | 116.9E6  | 43.901m | 47.094   |
| 13)                         | MA Dieldrin     | 5.595 | 6.455 | 476.5E6 | 129.7E6  | 47.476m | 47.836m  |
| 14)                         | MA Endrin       | 5.849 | 6.675 | 375.4E6 | 103.8E6  | 39.853  | 43.440   |
| 15)                         | B Endosulfa...  | 6.122 | 6.883 | 360.9E6 | 105.7E6  | 40.276m | 43.794m  |
| 16)                         | A 4,4'-DDD      | 5.982 | 6.799 | 309.6E6 | 112.5E6  | 40.956  | 55.908 # |
| 17)                         | MA 4,4'-DDT     | 6.216 | 7.094 | 346.1E6 | 99745196 | 45.699  | 47.567m  |
| 18)                         | B Endrin al...  | 6.290 | 7.008 | 289.8E6 | 87901703 | 38.665  | 41.385   |
| 19)                         | B Endosulfa...  | 6.501 | 7.230 | 344.6E6 | 98736150 | 41.970  | 41.855m  |
| 20)                         | A Methoxychlor  | 6.759 | 7.554 | 161.5E6 | 51278884 | 38.010m | 40.226   |
| 21)                         | B Endrin ke...  | 6.984 | 7.700 | 349.5E6 | 109.6E6  | 37.799  | 44.132   |
| 22)                         | Mirex           | 7.160 | 8.151 | 265.2E6 | 89133868 | 36.404  | 44.563   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
Data File : PL047551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2019 03:47  
Operator : AJ\SJ  
Sample : K2436-01MS  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

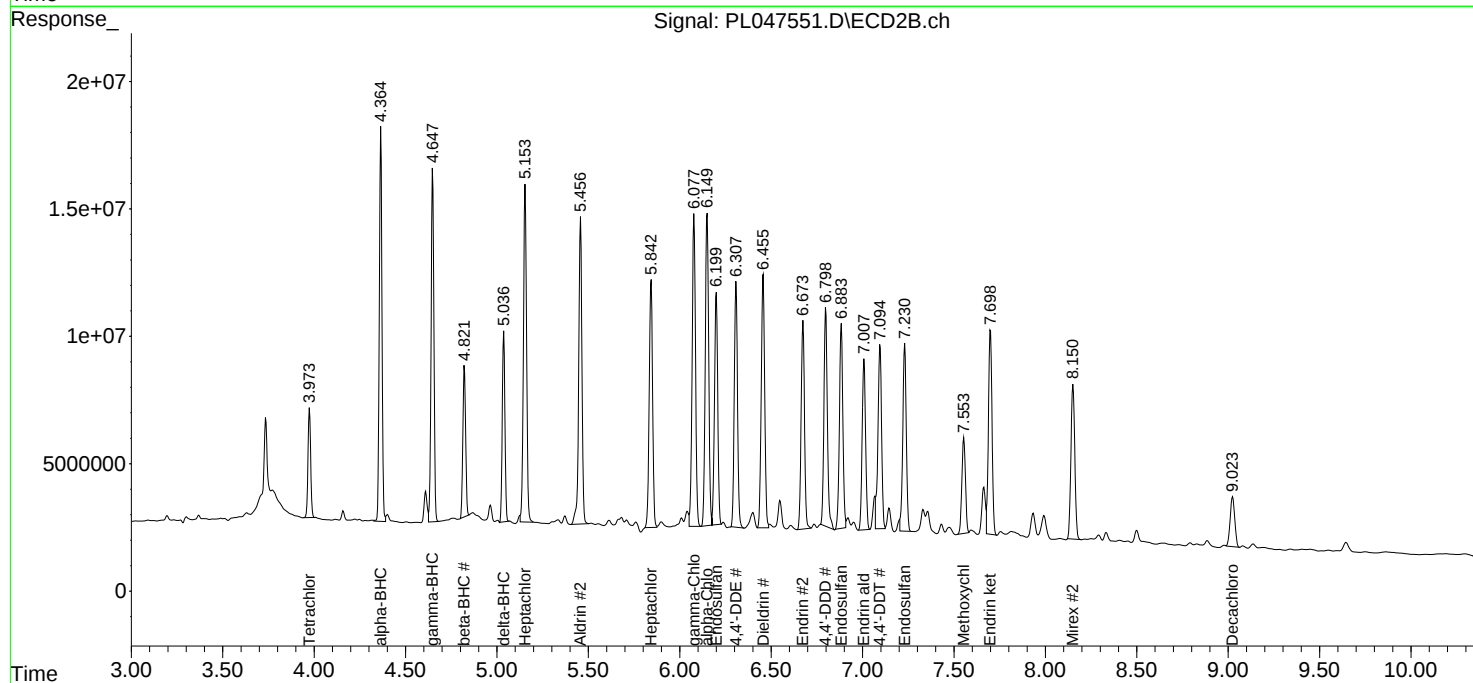
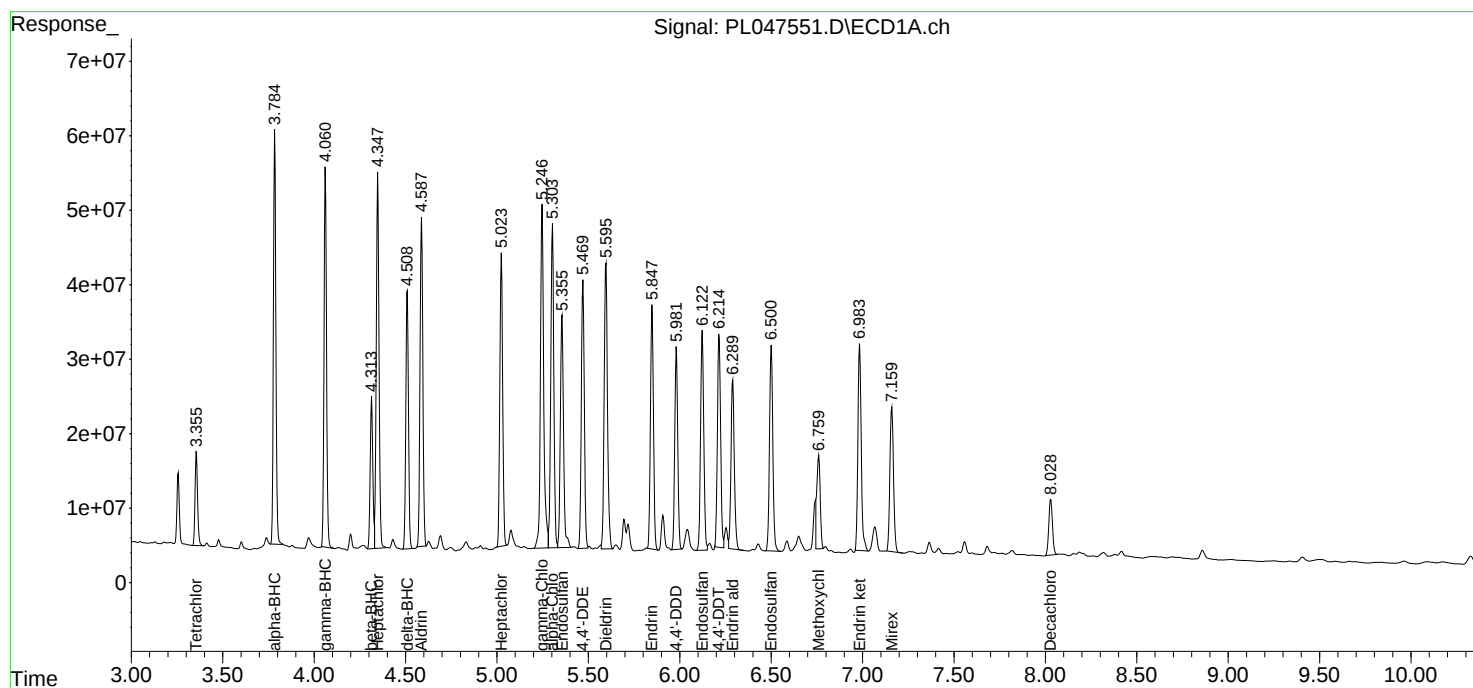
Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

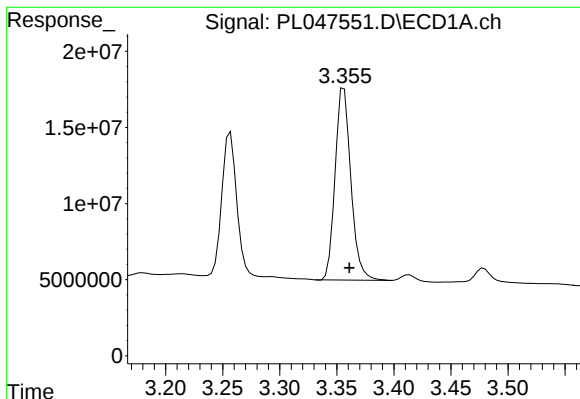
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 05:28:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





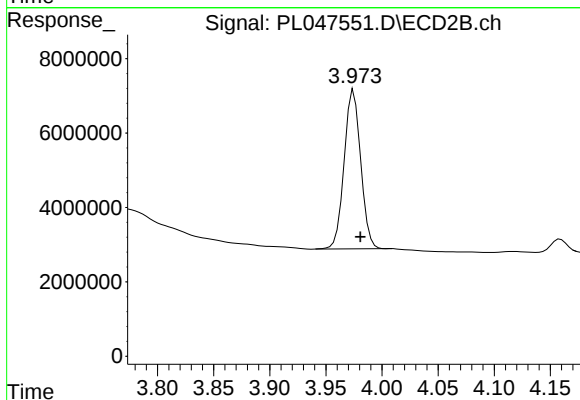
#1 Tetrachloro-m-xylene

R.T.: 3.356 min  
Delta R.T.: -0.005 min  
Response: 121813467  
Conc: 16.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

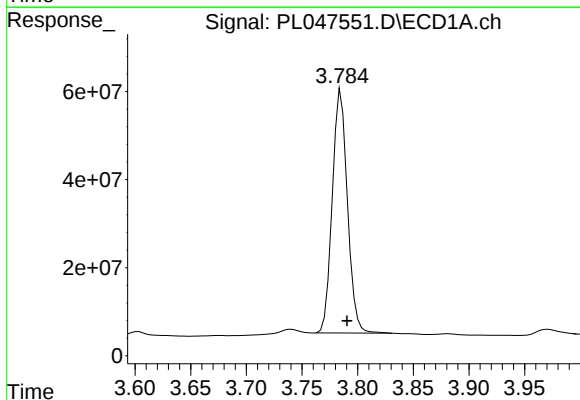
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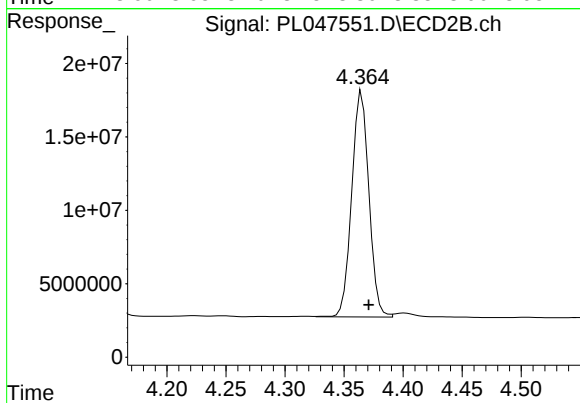
#1 Tetrachloro-m-xylene

R.T.: 3.975 min  
Delta R.T.: -0.006 min  
Response: 43842654  
Conc: 19.15 ng/ml



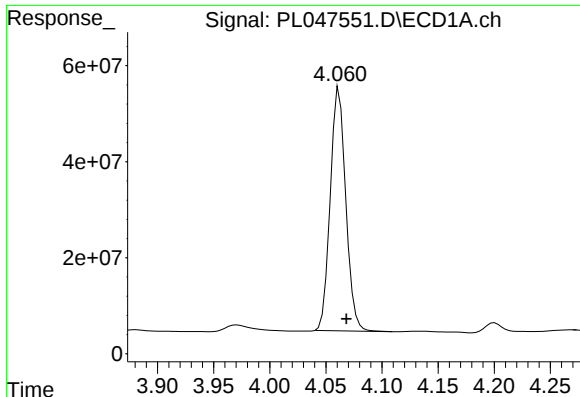
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 524163056  
Conc: 44.95 ng/ml



#2 alpha-BHC

R.T.: 4.365 min  
Delta R.T.: -0.006 min  
Response: 155668320  
Conc: 48.45 ng/ml



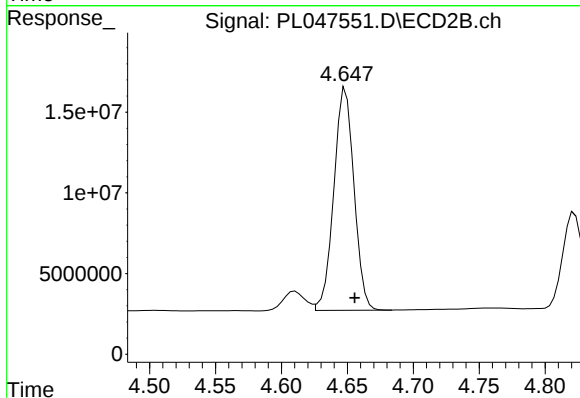
#3 gamma-BHC (Lindane)

R.T.: 4.062 min  
Delta R.T.: -0.006 min  
Response: 488565401  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

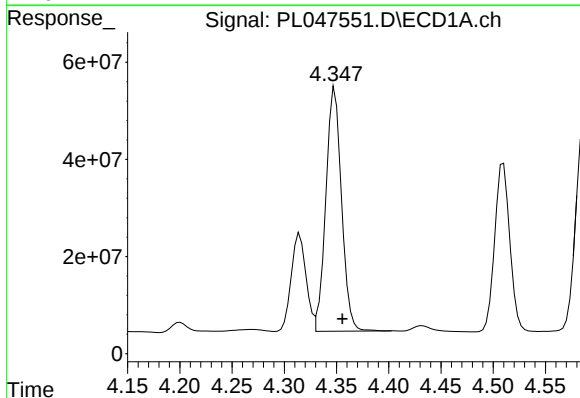
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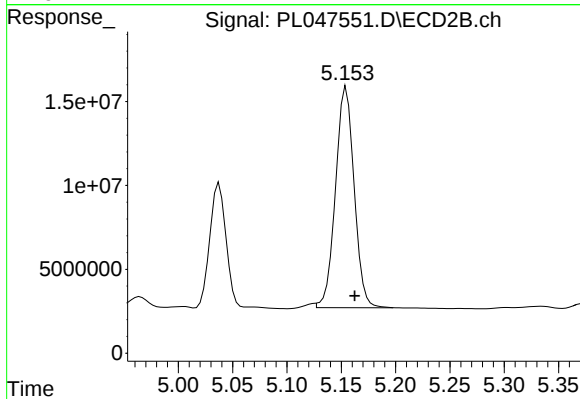
#3 gamma-BHC (Lindane)

R.T.: 4.649 min  
Delta R.T.: -0.007 min  
Response: 146805566  
Conc: 49.05 ng/ml



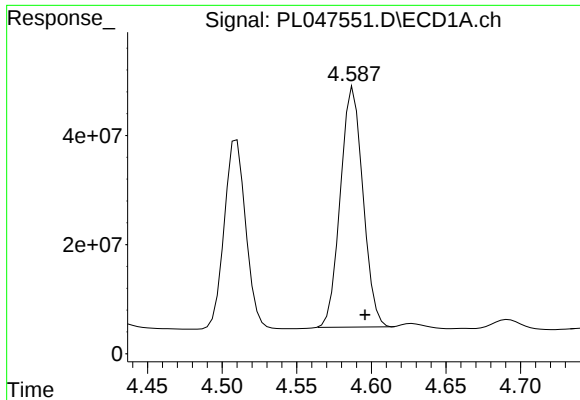
#4 Heptachlor

R.T.: 4.348 min  
Delta R.T.: -0.007 min  
Response: 524575803  
Conc: 47.58 ng/ml



#4 Heptachlor

R.T.: 5.153 min  
Delta R.T.: -0.009 min  
Response: 156851924  
Conc: 50.99 ng/ml m



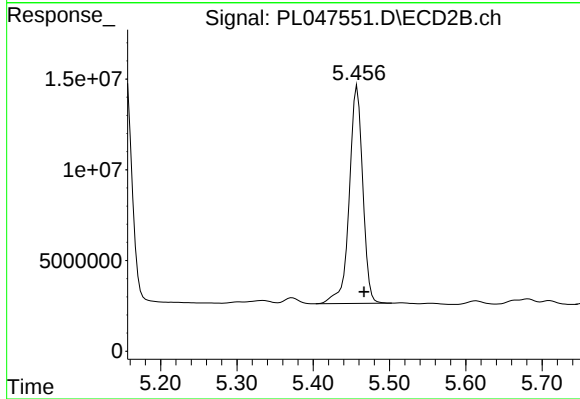
#5 Aldrin

R.T.: 4.588 min  
Delta R.T.: -0.008 min  
Response: 464547300  
Conc: 45.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

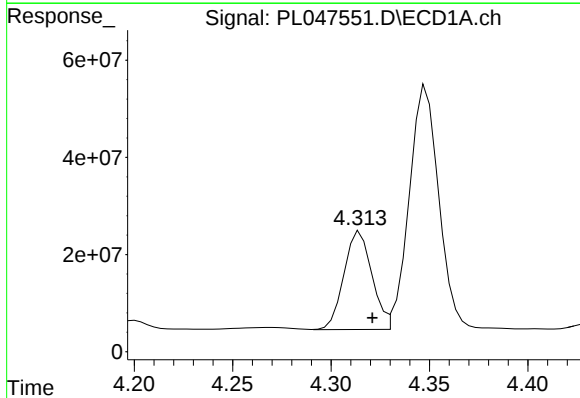
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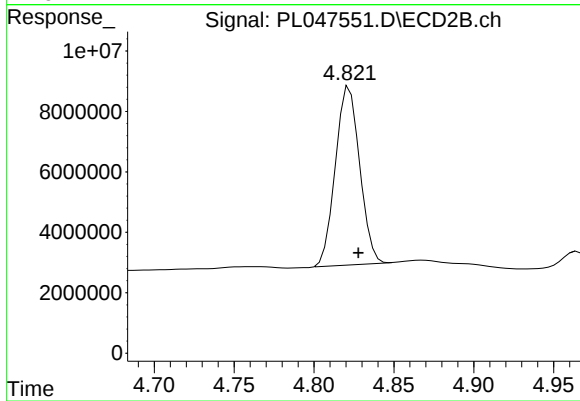
#5 Aldrin

R.T.: 5.458 min  
Delta R.T.: -0.009 min  
Response: 147849649  
Conc: 51.61 ng/ml



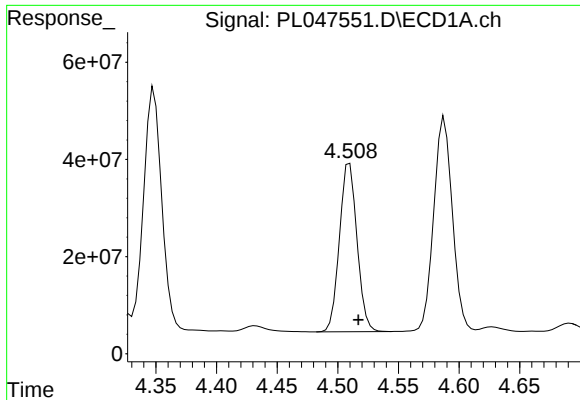
#6 beta-BHC

R.T.: 4.315 min  
Delta R.T.: -0.006 min  
Response: 199816578  
Conc: 44.38 ng/ml



#6 beta-BHC

R.T.: 4.822 min  
Delta R.T.: -0.006 min  
Response: 62502110  
Conc: 47.15 ng/ml



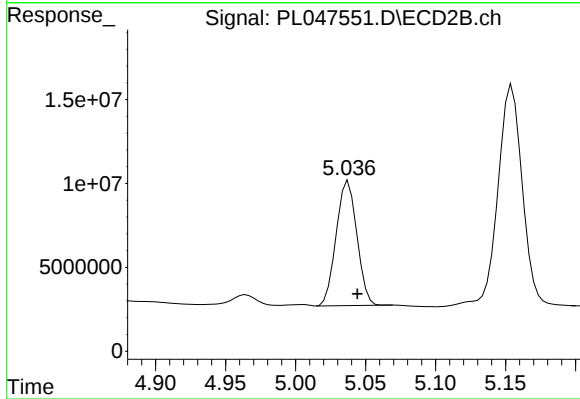
#7 delta-BHC

R.T.: 4.510 min  
Delta R.T.: -0.007 min  
Response: 348971314  
Conc: 34.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

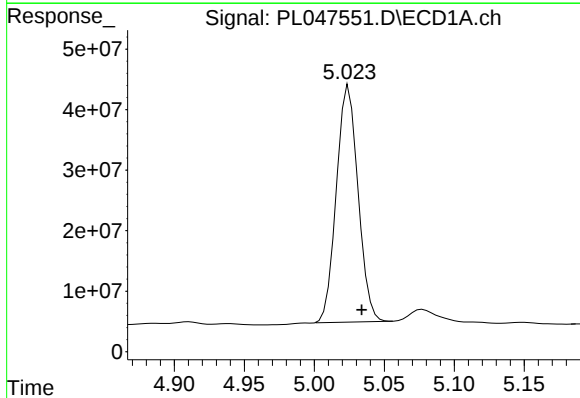
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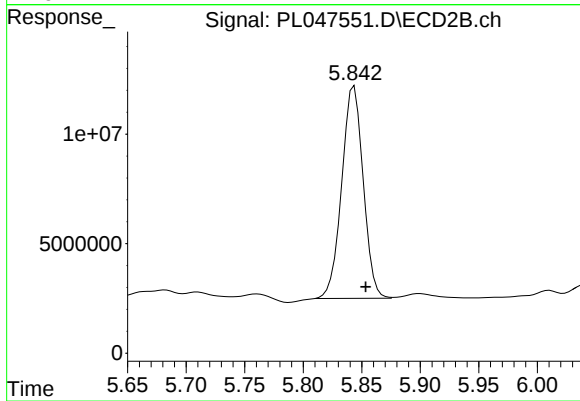
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.006 min  
Response: 76694194  
Conc: 33.06 ng/ml



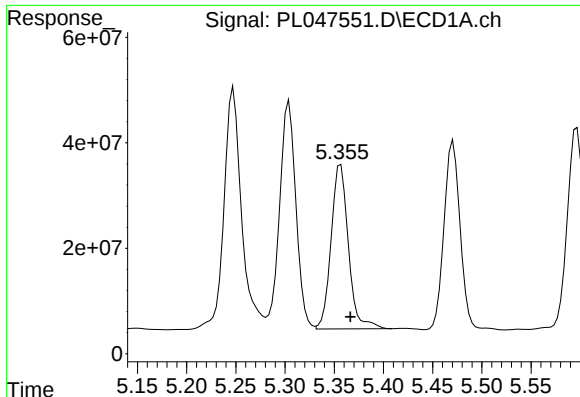
#8 Heptachlor epoxide

R.T.: 5.025 min  
Delta R.T.: -0.009 min  
Response: 421395577  
Conc: 43.20 ng/ml



#8 Heptachlor epoxide

R.T.: 5.842 min  
Delta R.T.: -0.011 min  
Response: 123790572  
Conc: 46.94 ng/ml m



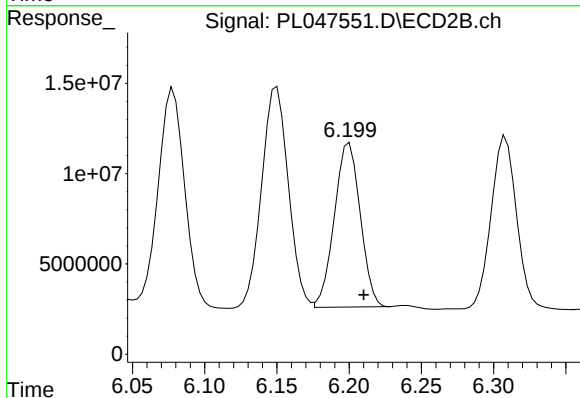
#9 Endosulfan I

R.T.: 5.357 min  
Delta R.T.: -0.010 min  
Response: 381476945  
Conc: 40.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

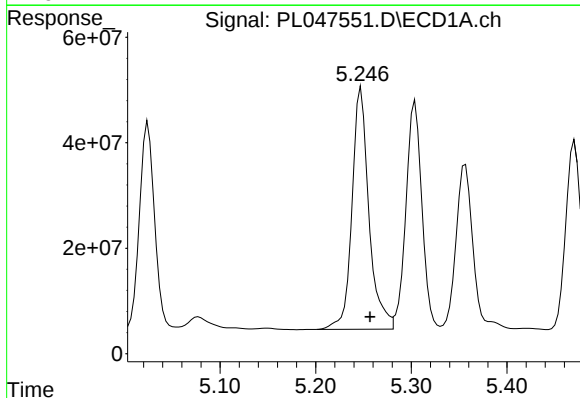
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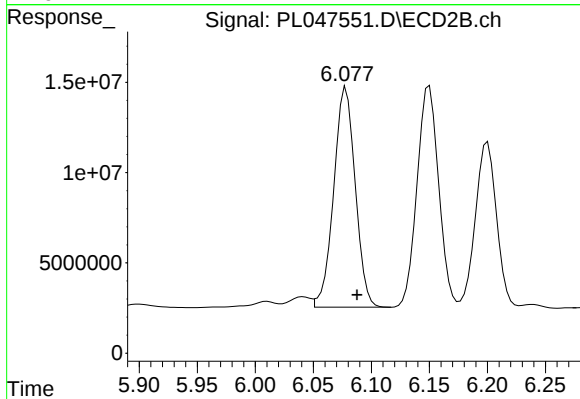
#9 Endosulfan I

R.T.: 6.200 min  
Delta R.T.: -0.010 min  
Response: 113290342  
Conc: 43.41 ng/ml



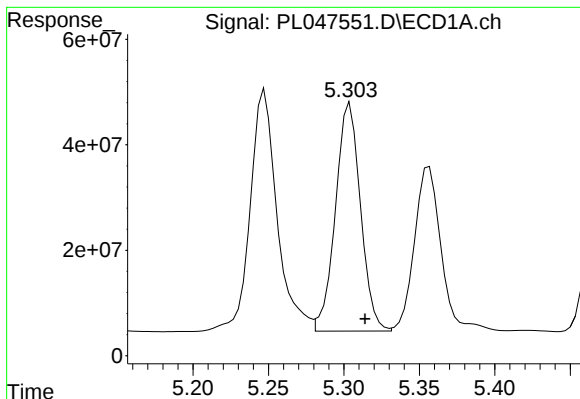
#10 gamma-Chlordane

R.T.: 5.248 min  
Delta R.T.: -0.009 min  
Response: 566776814  
Conc: 55.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.078 min  
Delta R.T.: -0.009 min  
Response: 157372107  
Conc: 55.45 ng/ml



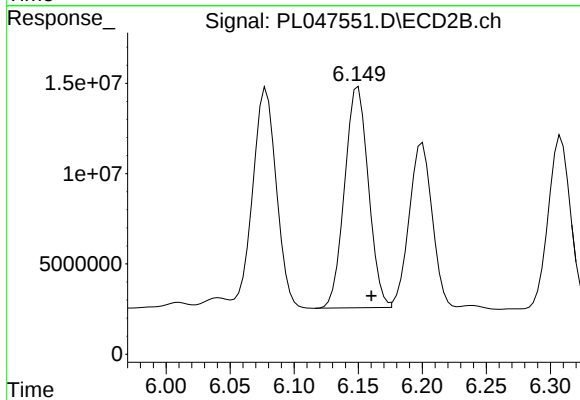
#11 alpha-Chlordane

R.T.: 5.304 min  
Delta R.T.: -0.010 min  
Response: 500030950  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

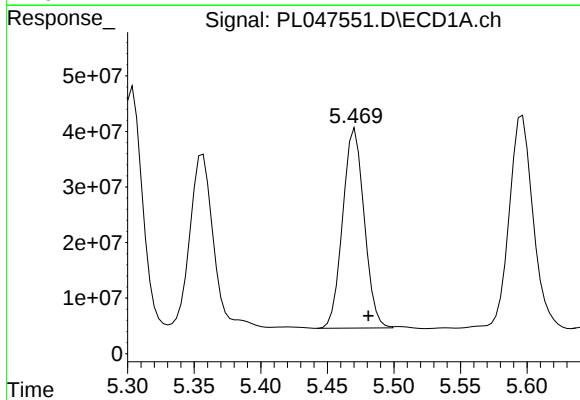
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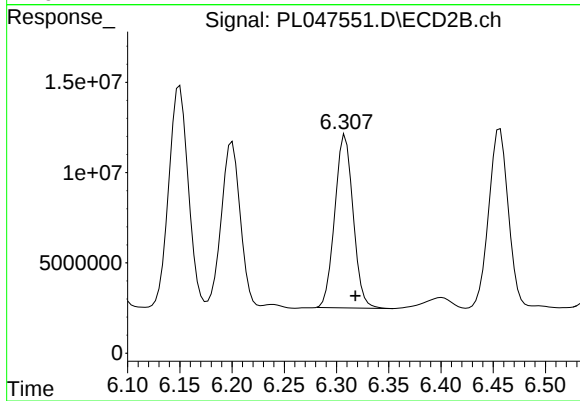
#11 alpha-Chlordane

R.T.: 6.150 min  
Delta R.T.: -0.010 min  
Response: 158114078  
Conc: 55.74 ng/ml



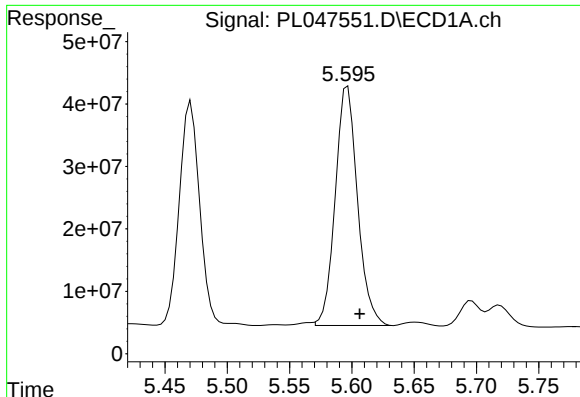
#12 4,4'-DDE

R.T.: 5.469 min  
Delta R.T.: -0.011 min  
Response: 404197705  
Conc: 43.90 ng/ml m



#12 4,4'-DDE

R.T.: 6.308 min  
Delta R.T.: -0.010 min  
Response: 116902800  
Conc: 47.09 ng/ml



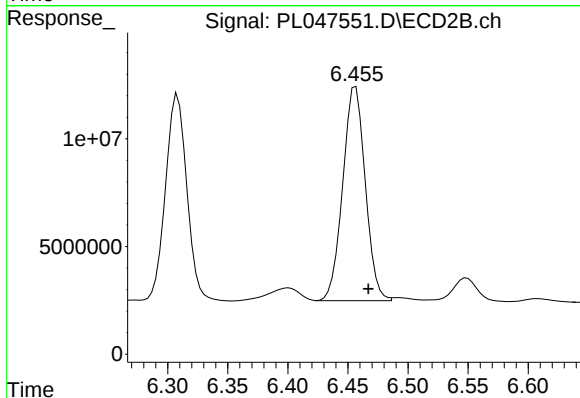
#13 Dieldrin

R.T.: 5.595 min  
Delta R.T.: -0.011 min  
Response: 476450847  
Conc: 47.48 ng/ml m

Instrument :  
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ClientSampleId :  
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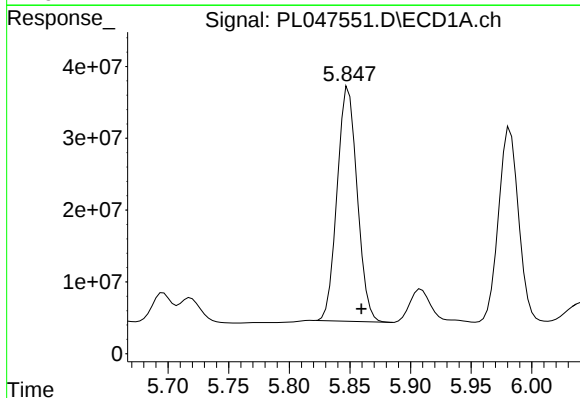
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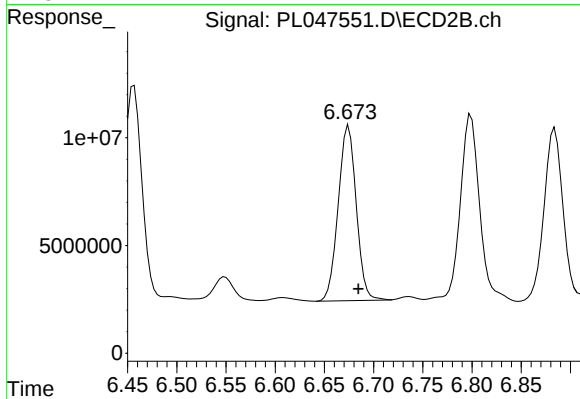
#13 Dieldrin

R.T.: 6.455 min  
Delta R.T.: -0.012 min  
Response: 129668666  
Conc: 47.84 ng/ml m



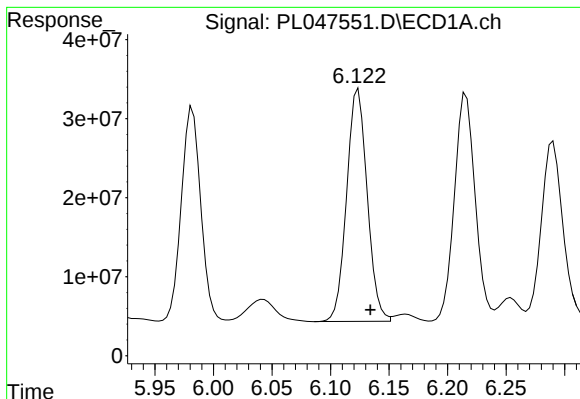
#14 Endrin

R.T.: 5.849 min  
Delta R.T.: -0.011 min  
Response: 375380330  
Conc: 39.85 ng/ml



#14 Endrin

R.T.: 6.675 min  
Delta R.T.: -0.010 min  
Response: 103812481  
Conc: 43.44 ng/ml



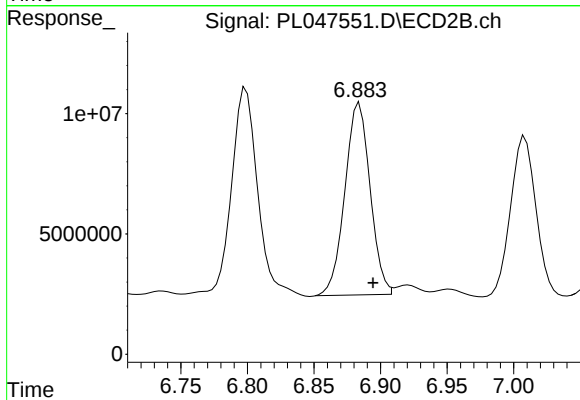
#15 Endosulfan II

R.T.: 6.122 min  
Delta R.T.: -0.012 min  
Response: 360854221  
Conc: 40.28 ng/ml m

Instrument :  
ECD\_L  
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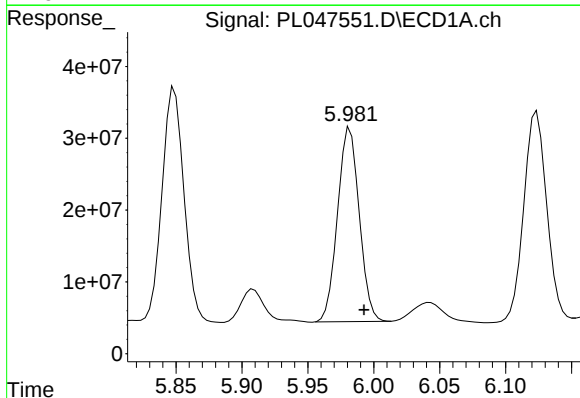
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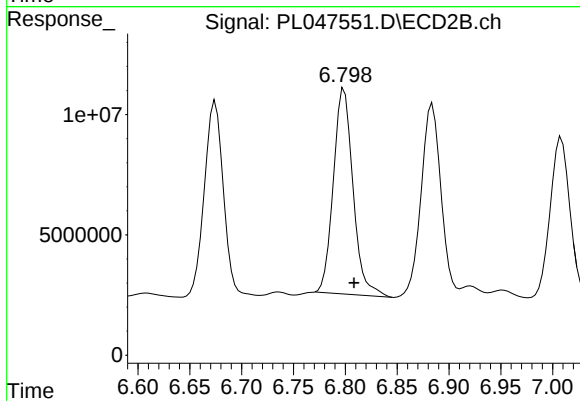
#15 Endosulfan II

R.T.: 6.883 min  
Delta R.T.: -0.012 min  
Response: 105670965  
Conc: 43.79 ng/ml m



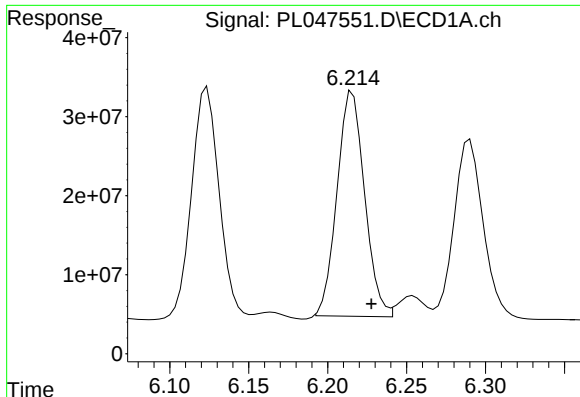
#16 4,4'-DDD

R.T.: 5.982 min  
Delta R.T.: -0.011 min  
Response: 309588546  
Conc: 40.96 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min  
Delta R.T.: -0.010 min  
Response: 112489630  
Conc: 55.91 ng/ml



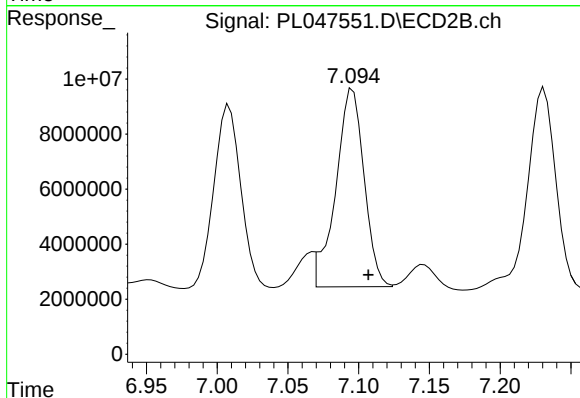
#17 4,4'-DDT

R.T.: 6.216 min  
Delta R.T.: -0.012 min  
Response: 346143078  
Conc: 45.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

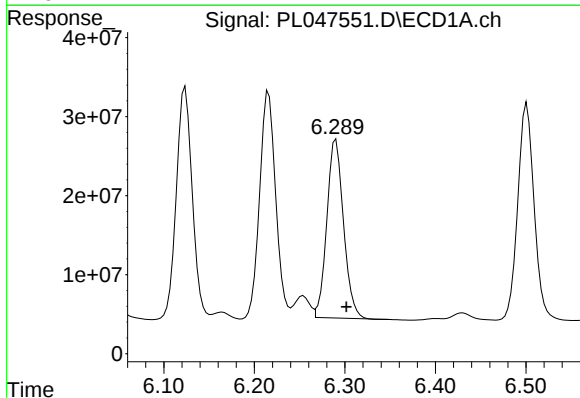
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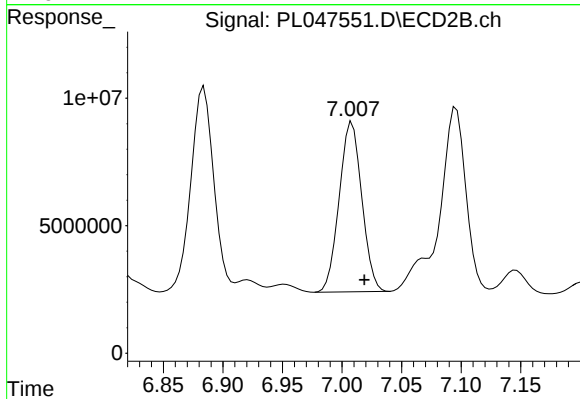
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: -0.012 min  
Response: 99745196  
Conc: 47.57 ng/ml m



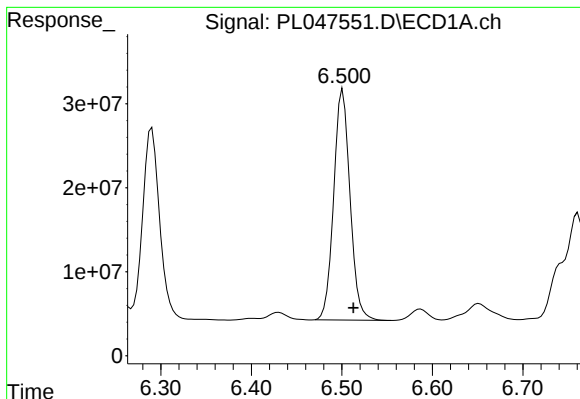
#18 Endrin aldehyde

R.T.: 6.290 min  
Delta R.T.: -0.011 min  
Response: 289797449  
Conc: 38.66 ng/ml



#18 Endrin aldehyde

R.T.: 7.008 min  
Delta R.T.: -0.010 min  
Response: 87901703  
Conc: 41.39 ng/ml



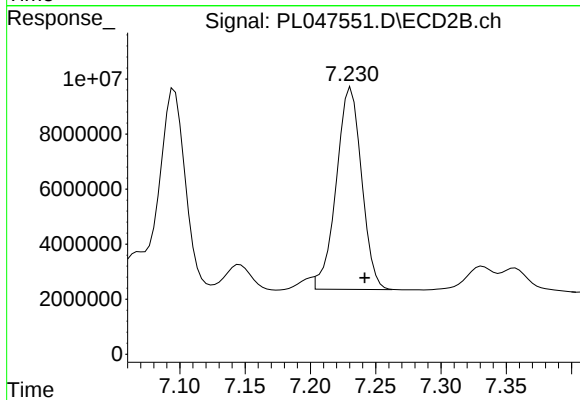
#19 Endosulfan Sulfate

R.T.: 6.501 min  
Delta R.T.: -0.012 min  
Response: 344620669  
Conc: 41.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

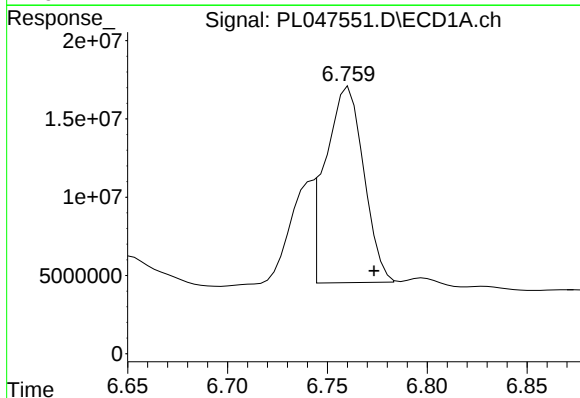
Manual Integrations  
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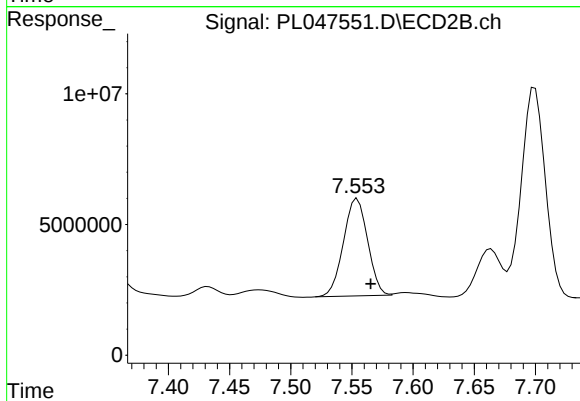
#19 Endosulfan Sulfate

R.T.: 7.230 min  
Delta R.T.: -0.012 min  
Response: 98736150  
Conc: 41.86 ng/ml m



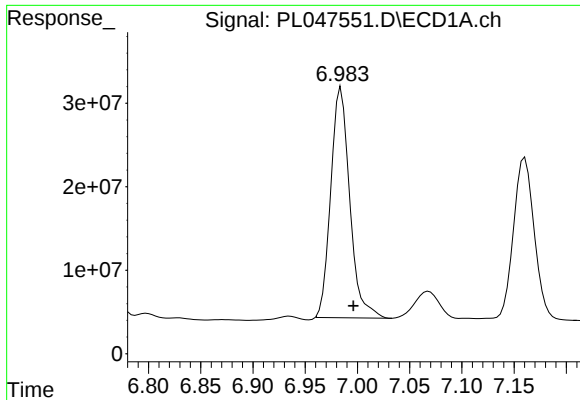
#20 Methoxychlor

R.T.: 6.759 min  
Delta R.T.: -0.014 min  
Response: 161537225  
Conc: 38.01 ng/ml m



#20 Methoxychlor

R.T.: 7.554 min  
Delta R.T.: -0.011 min  
Response: 51278884  
Conc: 40.23 ng/ml



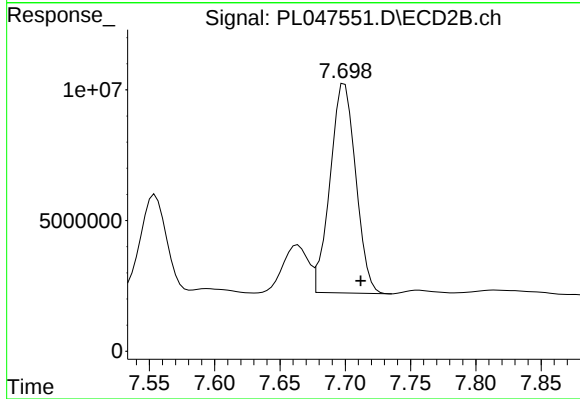
#21 Endrin ketone

R.T.: 6.984 min  
Delta R.T.: -0.012 min  
Response: 349520861  
Conc: 37.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

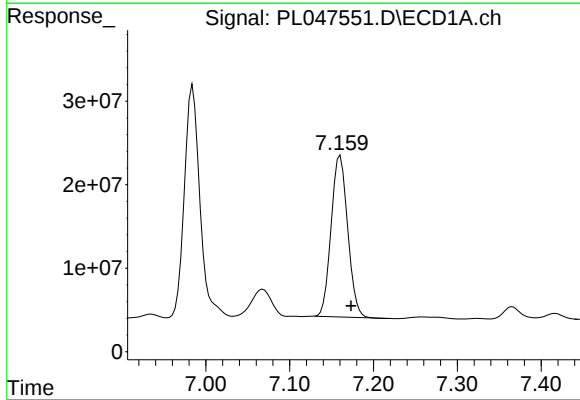
Manual Integrations  
APPROVED

Sohil  
4/18/2019 10:45:41 AM



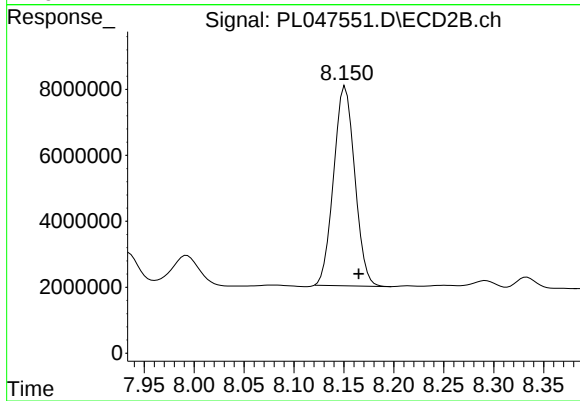
#21 Endrin ketone

R.T.: 7.700 min  
Delta R.T.: -0.012 min  
Response: 109646909  
Conc: 44.13 ng/ml



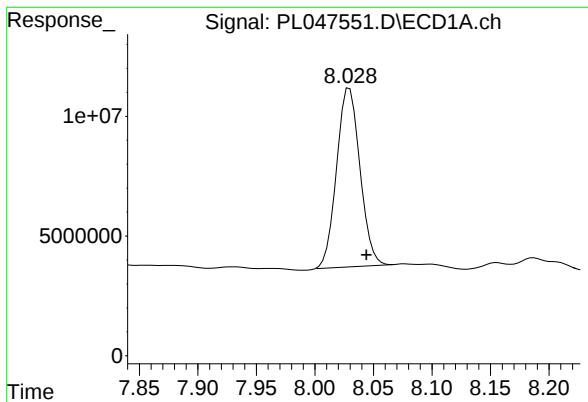
#22 Mirex

R.T.: 7.160 min  
Delta R.T.: -0.013 min  
Response: 265225167  
Conc: 36.40 ng/ml



#22 Mirex

R.T.: 8.151 min  
Delta R.T.: -0.013 min  
Response: 89133868  
Conc: 44.56 ng/ml



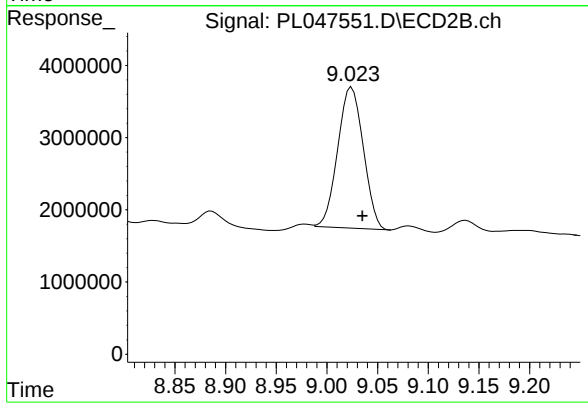
#28 Decachlorobiphenyl

R.T.: 8.030 min  
Delta R.T.: -0.015 min  
Response: 103652803  
Conc: 12.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-038-AMS

Manual Integrations  
APPROVED

Sohil  
4/18/2019 10:45:41 AM



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: -0.011 min  
Response: 34346878  
Conc: 14.81 ng/ml