

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062918\  
 Data File : PL037561.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2018 17:58  
 Operator : UA\AJ  
 Sample : J3774-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-5(3-5)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 29 23:27:49 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... | 3.334 | 3.937 | 147.2E6  | 55864382 | 18.611   | 20.191    |
| 28)                         | SA Decachlor... | 8.015 | 8.947 | 112.0E6  | 31818640 | 18.557   | 16.038    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.765 | 4.316 | 571.5E6  | 256.7E6  | 46.678   | 66.147 #  |
| 3)                          | MA gamma-BHC... | 4.042 | 4.595 | 537.5E6  | 219.0E6  | 52.105   | 63.398    |
| 4)                          | MA Heptachlor   | 4.327 | 5.106 | 589.2E6  | 211.1E6  | 57.511   | 61.081m   |
| 5)                          | MB Aldrin       | 4.567 | 5.397 | 572.0E6  | 202.0E6  | 56.192   | 64.386m   |
| 6)                          | B beta-BHC      | 4.296 | 4.757 | 223.2E6  | 72610923 | 48.932   | 45.025    |
| 7)                          | B delta-BHC     | 4.490 | 4.971 | 651.2E6  | 149.0E6  | 61.560   | 52.820    |
| 8)                          | B Heptachlo...  | 5.005 | 5.773 | 572.0E6  | 583.5E6  | 61.071   | 204.704m# |
| 9)                          | A Endosulfan I  | 5.331 | 6.141 | 588.1E6  | 139.7E6  | 69.511   | 54.452    |
| 10)                         | B gamma-Chl...  | 5.227 | 6.022 | 5101.1E6 | 2256.7E6 | 544.621m | 801.265 # |
| 11)                         | B alpha-Chl...  | 5.285 | 6.098 | 4947.9E6 | 2490.2E6 | 544.834  | 865.171 # |
| 12)                         | B 4,4'-DDE      | 5.454 | 6.249 | 412.9E6  | 162.6E6  | 46.747   | 63.887 #  |
| 13)                         | MA Dieldrin     | 5.576 | 6.395 | 474.8E6  | 132.2E6  | 53.628   | 49.544    |
| 14)                         | MA Endrin       | 5.831 | 6.608 | 409.4E6  | 111.5E6  | 51.970   | 48.477m   |
| 15)                         | B Endosulfa...  | 6.107 | 6.813 | 594.2E6  | 136.3E6  | 80.806   | 54.963 #  |
| 16)                         | A 4,4'-DDD      | 5.966 | 6.730 | 362.3E6  | 128.8E6  | 55.165   | 62.760m   |
| 17)                         | MA 4,4'-DDT     | 6.200 | 7.031 | 378.7E6  | 118.0E6  | 58.649   | 55.707    |
| 18)                         | B Endrin al...  | 6.273 | 6.936 | 196.8E6  | 88858602 | 35.234   | 44.159 #  |
| 19)                         | B Endosulfa...  | 6.485 | 7.157 | 219.1E6  | 75564514 | 32.744   | 34.719    |
| 20)                         | A Methoxychlor  | 6.749 | 7.486 | 118.3E6  | 43546515 | 34.799   | 38.904    |
| 21)                         | B Endrin ke...  | 6.968 | 7.621 | 271.5E6  | 95987417 | 38.176   | 47.292    |
| -----                       |                 |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062918\  
Data File : PL037561.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2018 17:58  
Operator : UA\AJ  
Sample : J3774-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

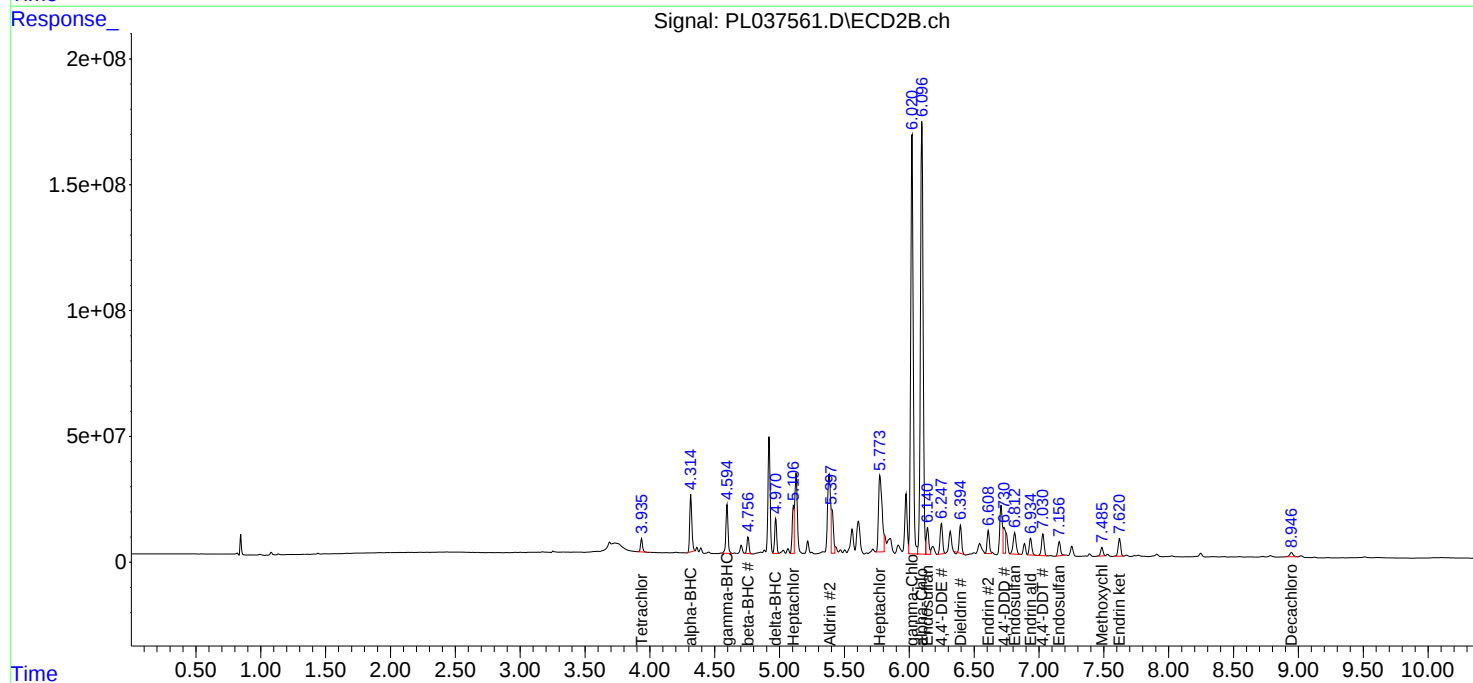
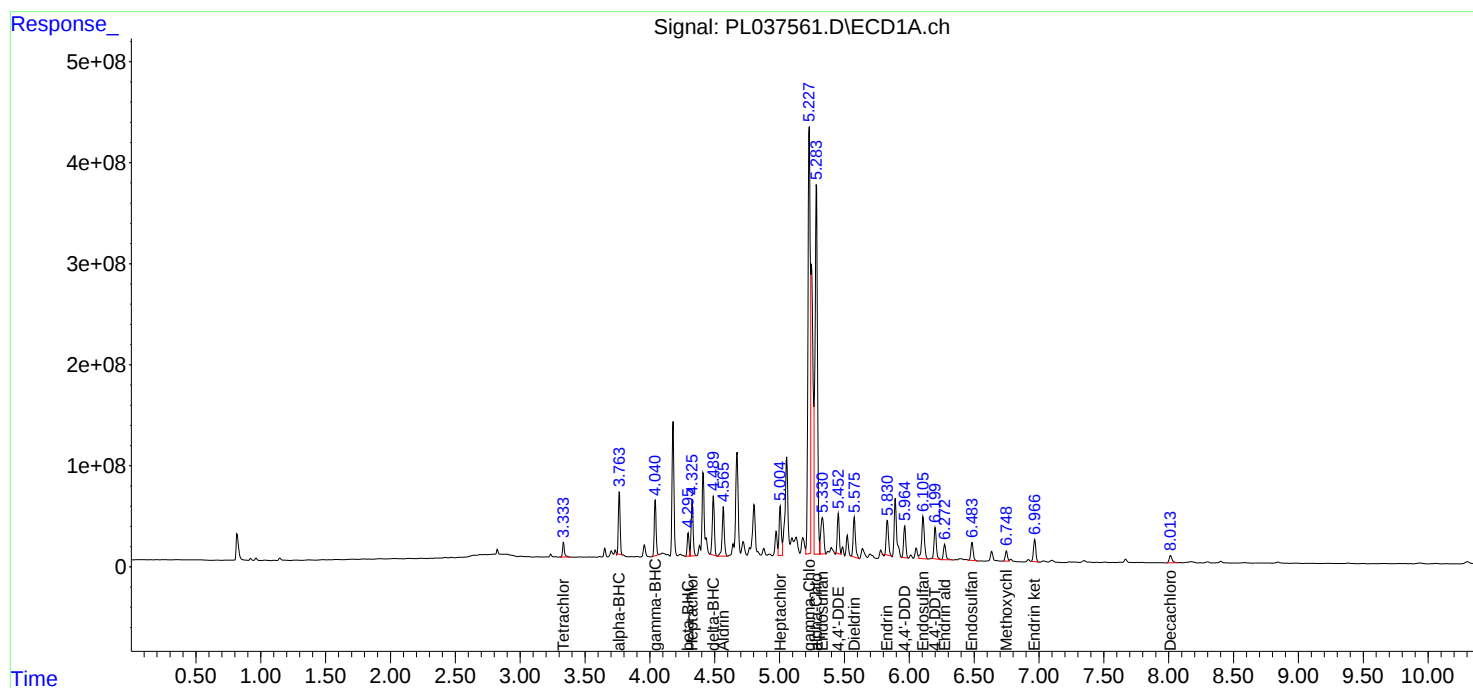
Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

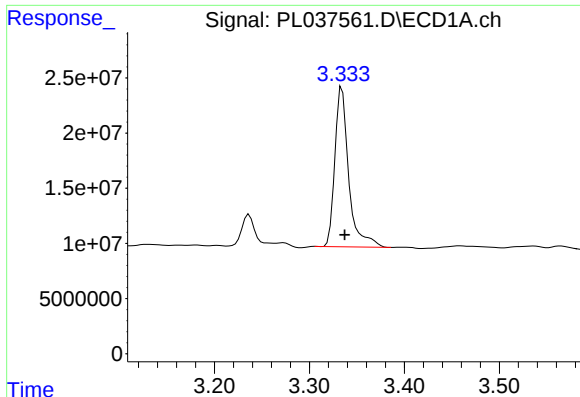
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 23:27:49 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
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





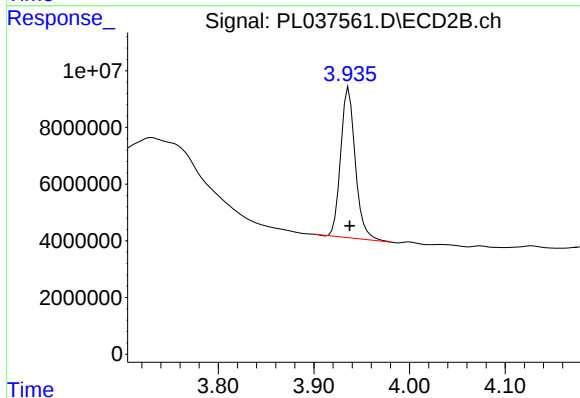
#1 Tetrachloro-m-xylene

R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 147222008  
Conc: 18.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

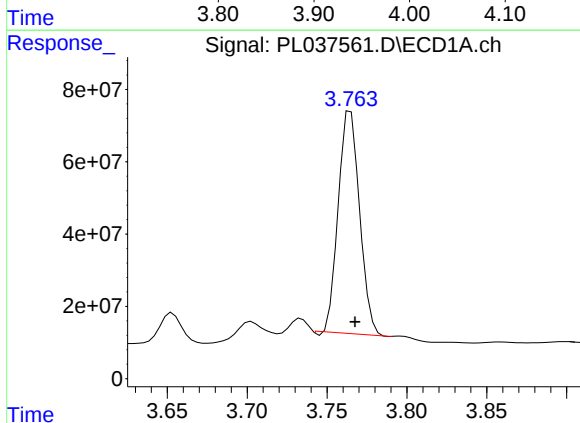
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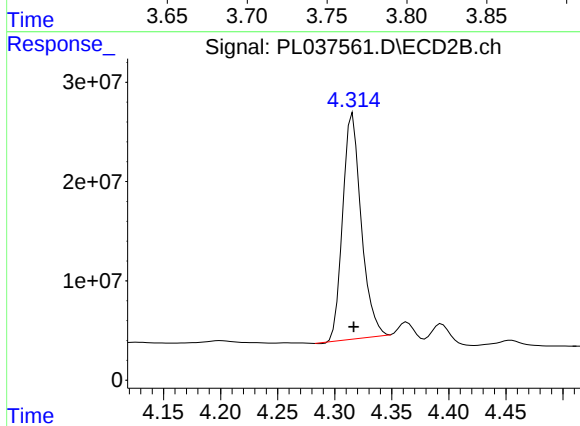
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: -0.001 min  
Response: 55864382  
Conc: 20.19 ng/ml



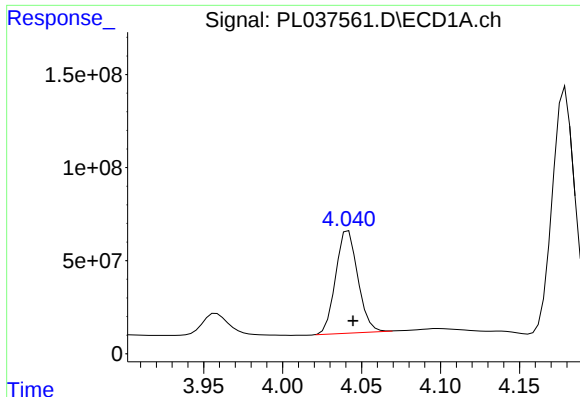
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.003 min  
Response: 571479848  
Conc: 46.68 ng/ml



#2 alpha-BHC

R.T.: 4.316 min  
Delta R.T.: 0.000 min  
Response: 256667888  
Conc: 66.15 ng/ml



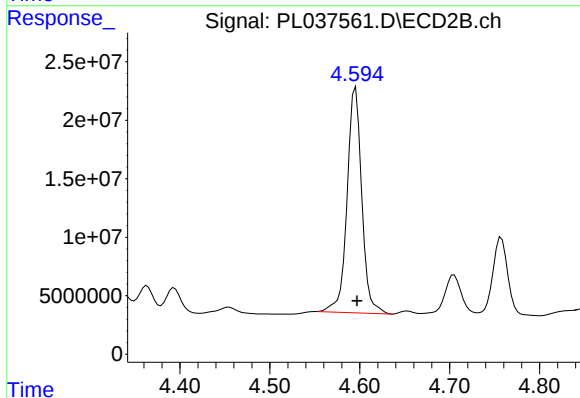
#3 gamma-BHC (Lindane)

R.T.: 4.042 min  
Delta R.T.: -0.003 min  
Response: 537450850  
Conc: 52.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

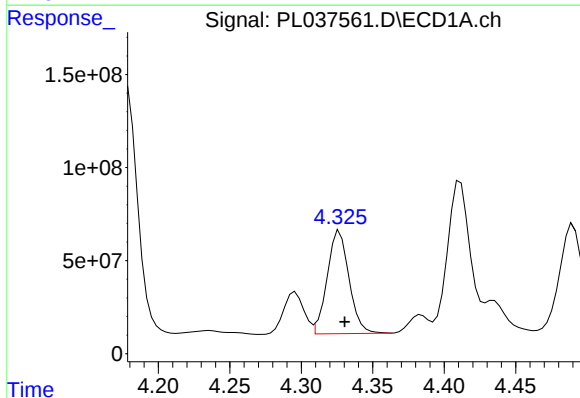
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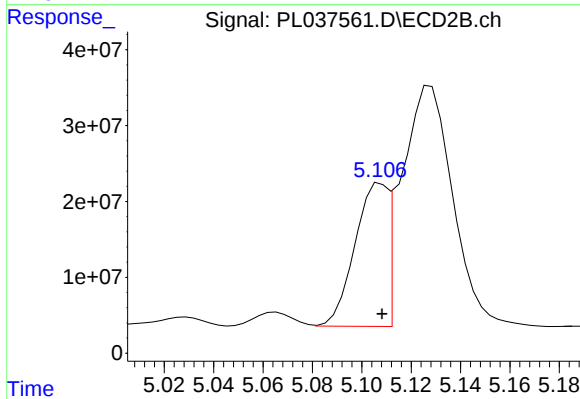
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.001 min  
Response: 218959912  
Conc: 63.40 ng/ml



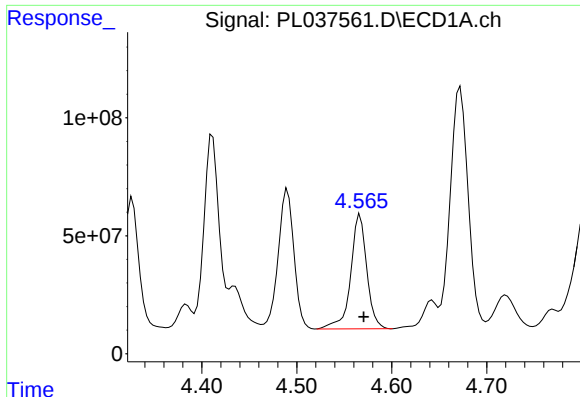
#4 Heptachlor

R.T.: 4.327 min  
Delta R.T.: -0.004 min  
Response: 589219601  
Conc: 57.51 ng/ml



#4 Heptachlor

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 211118835  
Conc: 61.08 ng/ml m



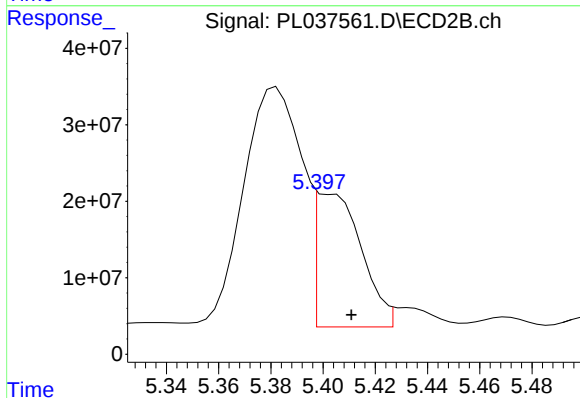
#5 Aldrin

R.T.: 4.567 min  
Delta R.T.: -0.004 min  
Response: 571959383  
Conc: 56.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

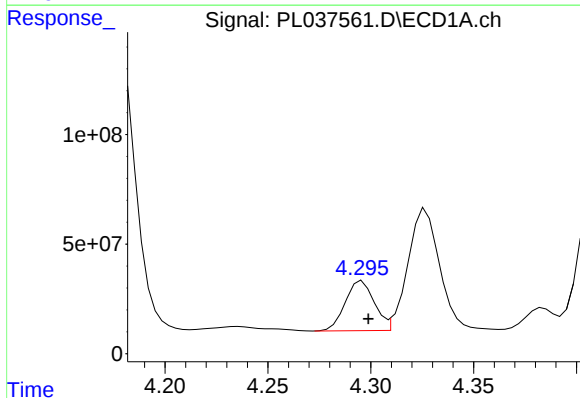
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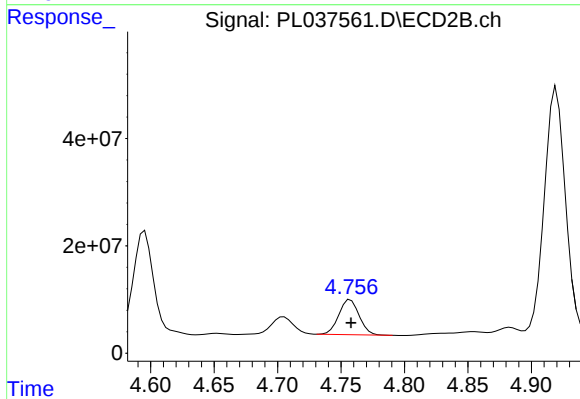
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.013 min  
Response: 201991487  
Conc: 64.39 ng/ml m



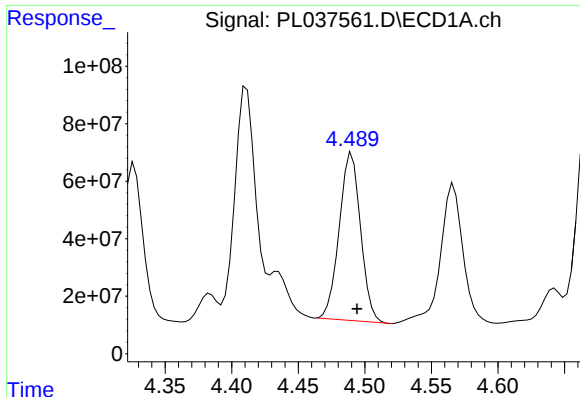
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 223173106  
Conc: 48.93 ng/ml



#6 beta-BHC

R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 72610923  
Conc: 45.02 ng/ml



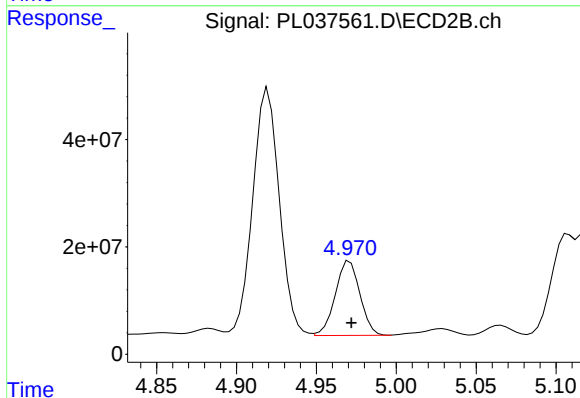
#7 delta-BHC

R.T.: 4.490 min  
Delta R.T.: -0.004 min  
Response: 651244742  
Conc: 61.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

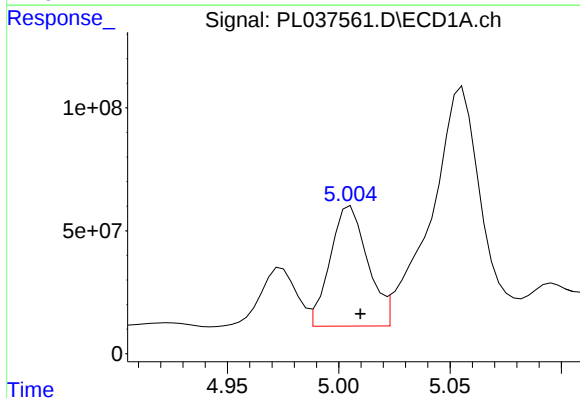
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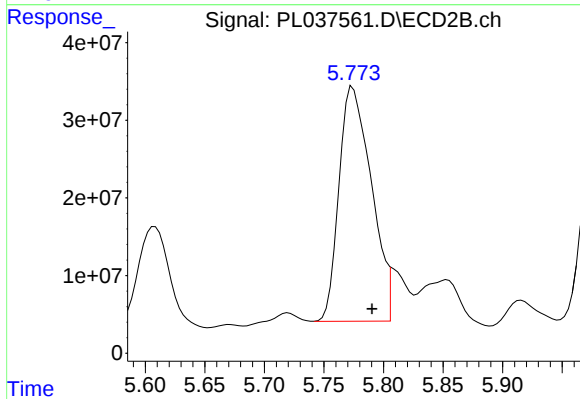
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 148965414  
Conc: 52.82 ng/ml



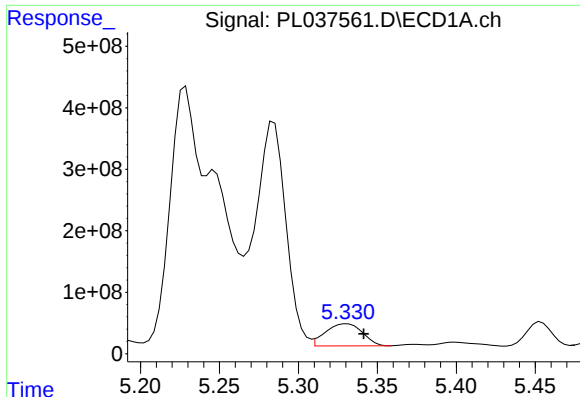
#8 Heptachlor epoxide

R.T.: 5.005 min  
Delta R.T.: -0.004 min  
Response: 572049015  
Conc: 61.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.773 min  
Delta R.T.: -0.018 min  
Response: 583542475  
Conc: 204.70 ng/ml m



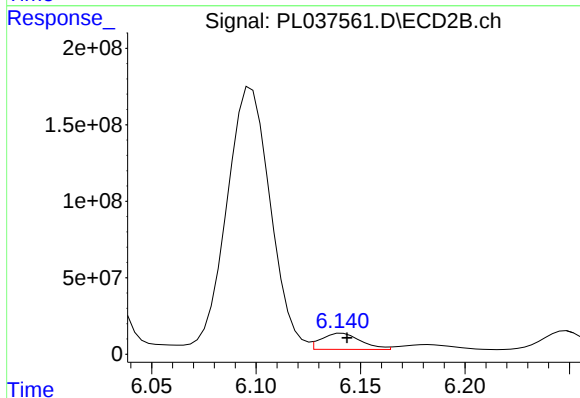
#9 Endosulfan I

R.T.: 5.331 min  
Delta R.T.: -0.010 min  
Response: 588121950  
Conc: 69.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

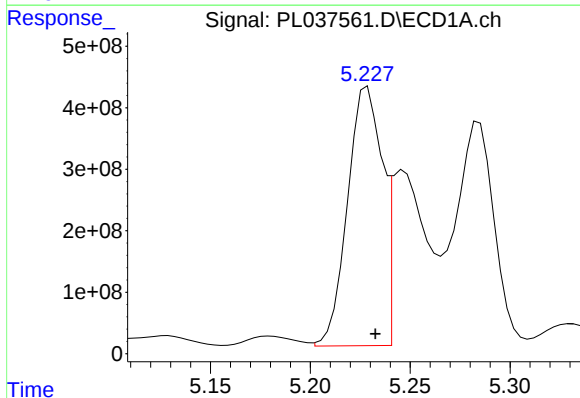
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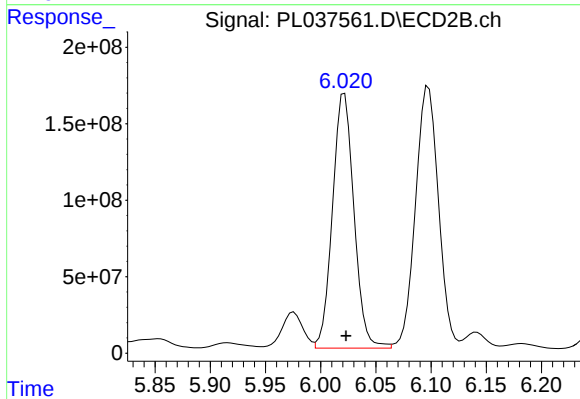
#9 Endosulfan I

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 139658631  
Conc: 54.45 ng/ml



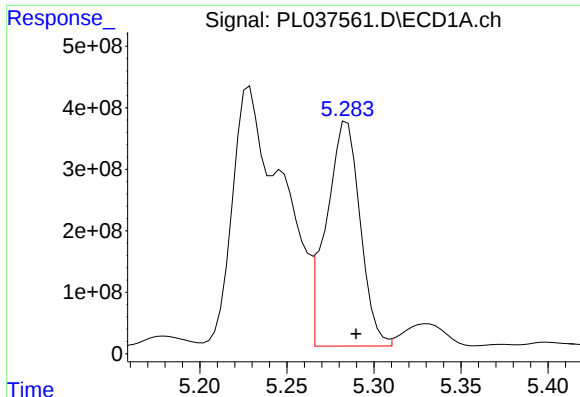
#10 gamma-Chlordane

R.T.: 5.227 min  
Delta R.T.: -0.005 min  
Response: 5101094687  
Conc: 544.62 ng/ml m



#10 gamma-Chlordane

R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 2256682838  
Conc: 801.27 ng/ml



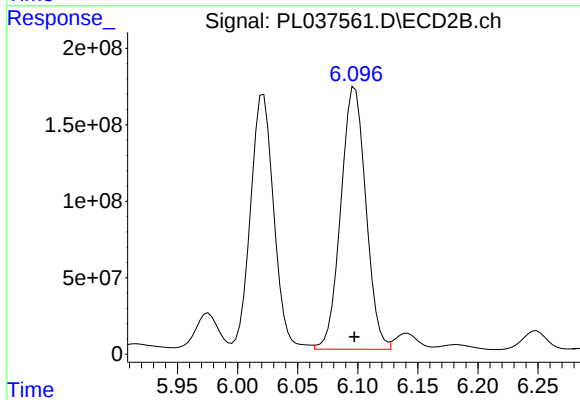
#11 alpha-Chlordane

R.T.: 5.285 min  
Delta R.T.: -0.005 min  
Response: 4947857907  
Conc: 544.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

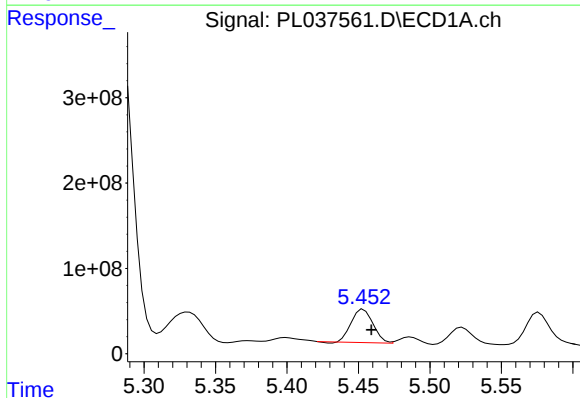
Manual Integrations  
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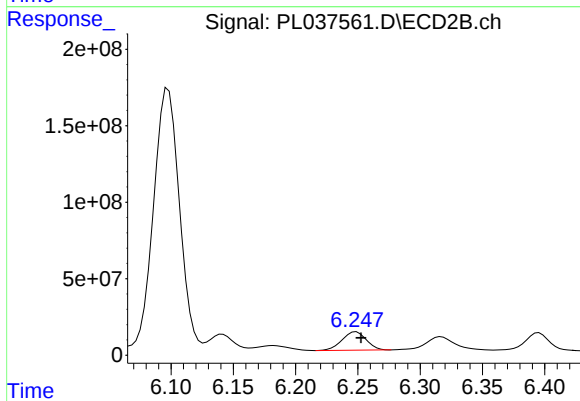
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 2490208147  
Conc: 865.17 ng/ml



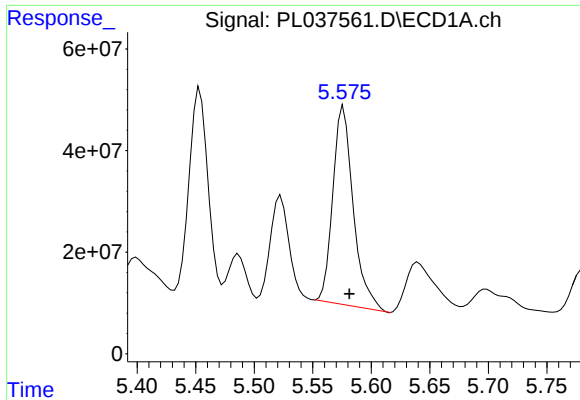
#12 4,4'-DDE

R.T.: 5.454 min  
Delta R.T.: -0.005 min  
Response: 412891819  
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 162571842  
Conc: 63.89 ng/ml



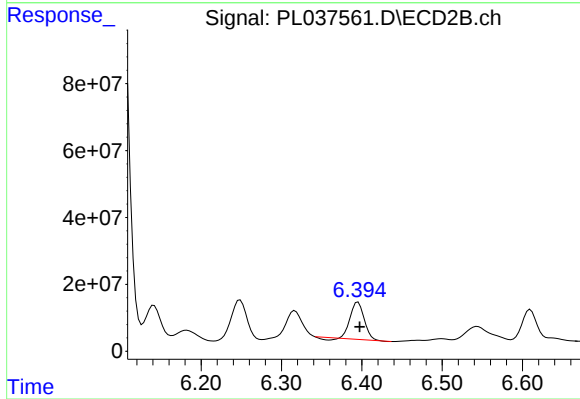
#13 Dieldrin

R.T.: 5.576 min  
Delta R.T.: -0.005 min  
Response: 474774592  
Conc: 53.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

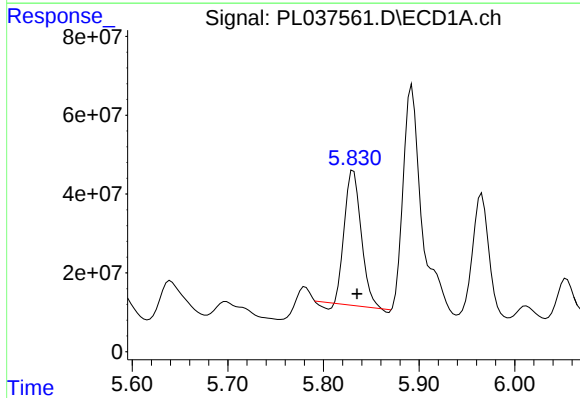
Manual Integrations  
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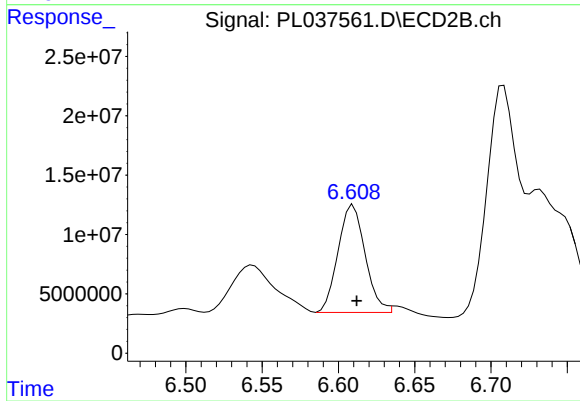
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.002 min  
Response: 132244780  
Conc: 49.54 ng/ml



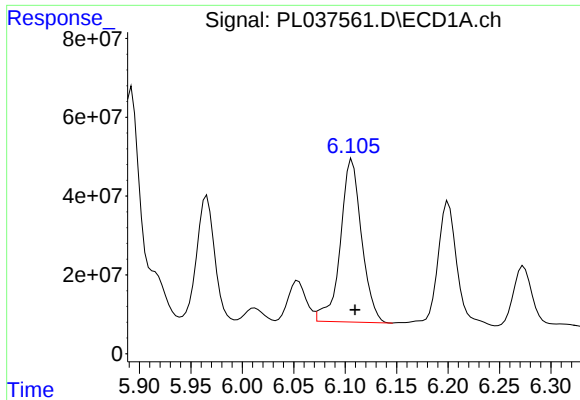
#14 Endrin

R.T.: 5.831 min  
Delta R.T.: -0.004 min  
Response: 409395125  
Conc: 51.97 ng/ml



#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 111461432  
Conc: 48.48 ng/ml m



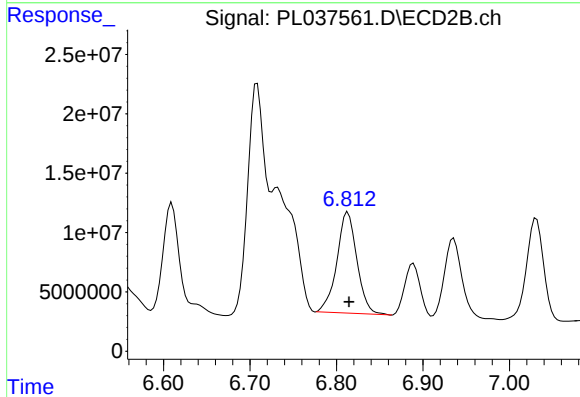
#15 Endosulfan II

R.T.: 6.107 min  
Delta R.T.: -0.003 min  
Response: 594205004  
Conc: 80.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

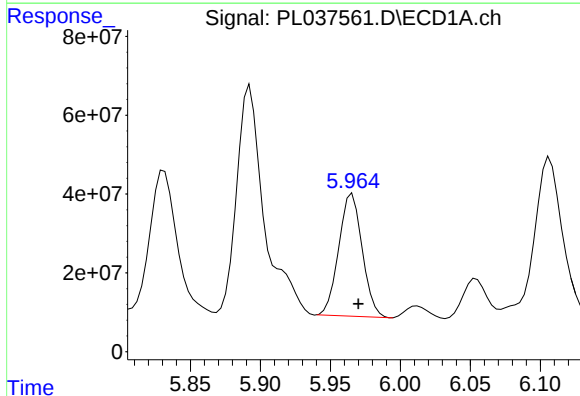
Manual Integrations  
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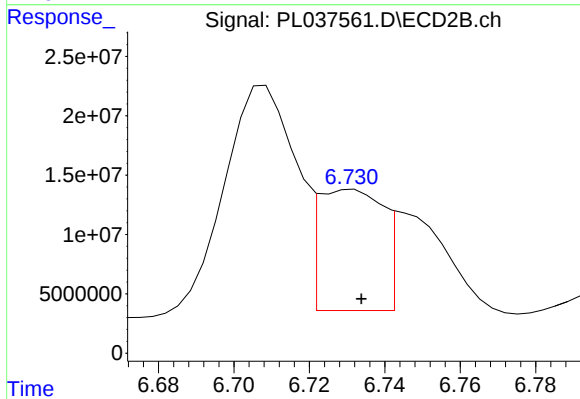
#15 Endosulfan II

R.T.: 6.813 min  
Delta R.T.: -0.001 min  
Response: 136312055  
Conc: 54.96 ng/ml



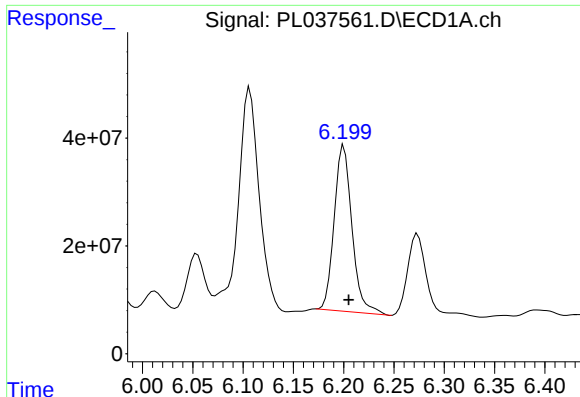
#16 4,4'-DDD

R.T.: 5.966 min  
Delta R.T.: -0.004 min  
Response: 362275882  
Conc: 55.17 ng/ml



#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: -0.003 min  
Response: 128826540  
Conc: 62.76 ng/ml m



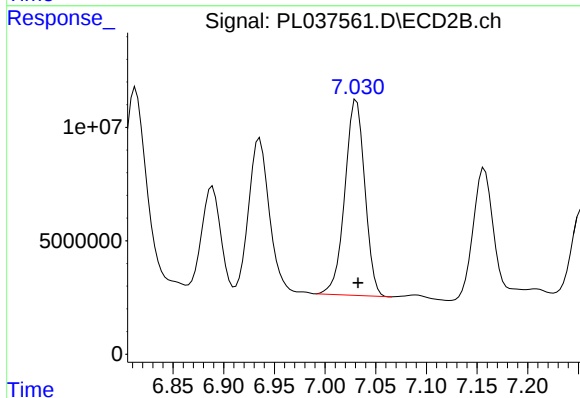
#17 4,4'-DDT

R.T.: 6.200 min  
Delta R.T.: -0.005 min  
Response: 378656607  
Conc: 58.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

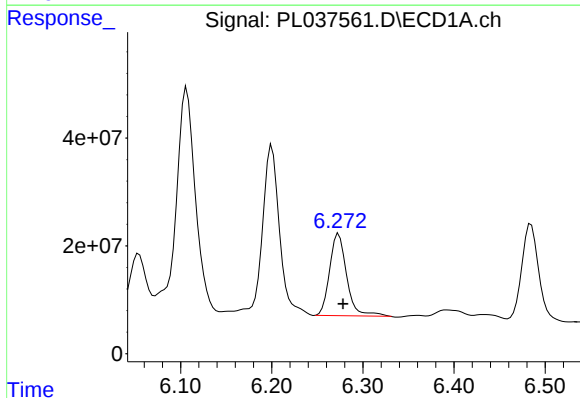
Manual Integrations  
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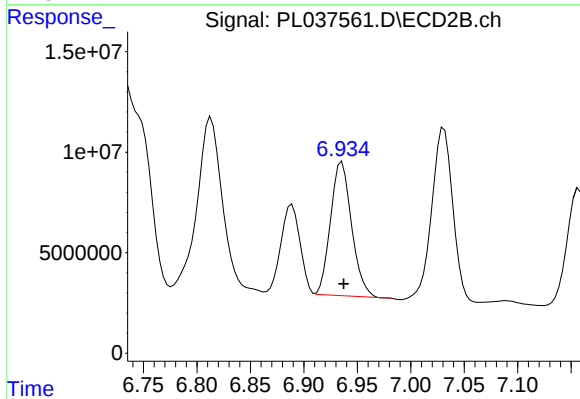
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: -0.002 min  
Response: 117996881  
Conc: 55.71 ng/ml



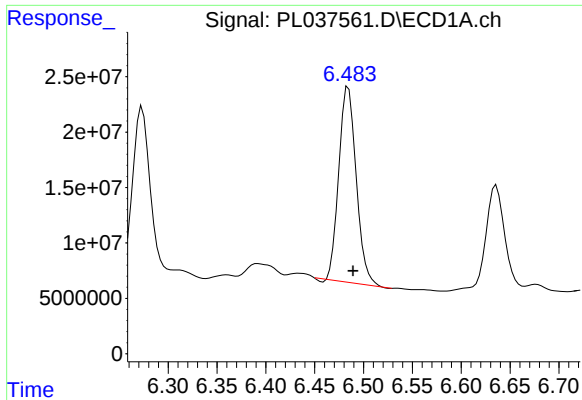
#18 Endrin aldehyde

R.T.: 6.273 min  
Delta R.T.: -0.005 min  
Response: 196762163  
Conc: 35.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: -0.002 min  
Response: 88858602  
Conc: 44.16 ng/ml



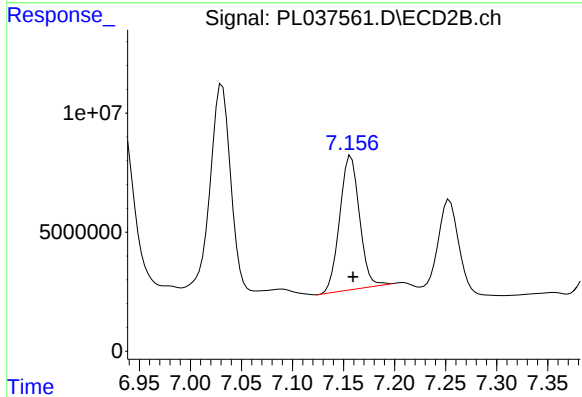
#19 Endosulfan Sulfate

R.T.: 6.485 min  
Delta R.T.: -0.005 min  
Response: 219056314  
Conc: 32.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

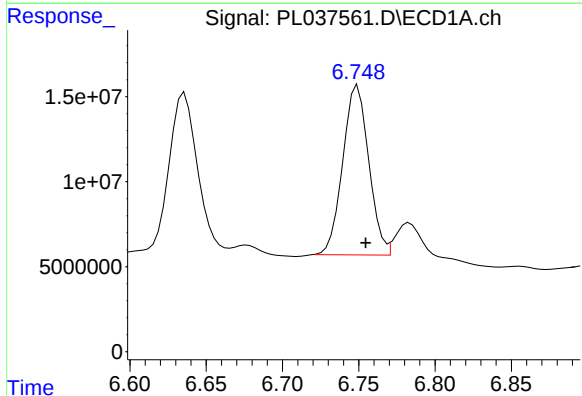
Manual Integrations  
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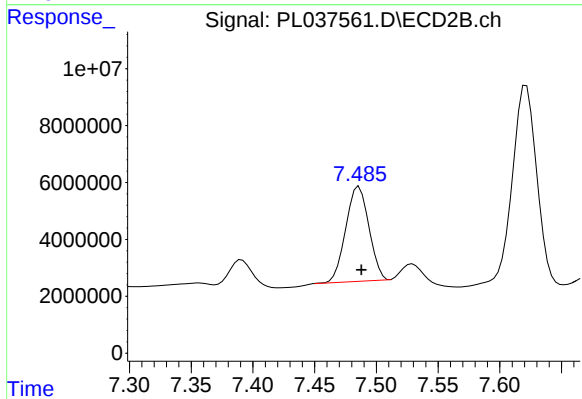
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 75564514  
Conc: 34.72 ng/ml



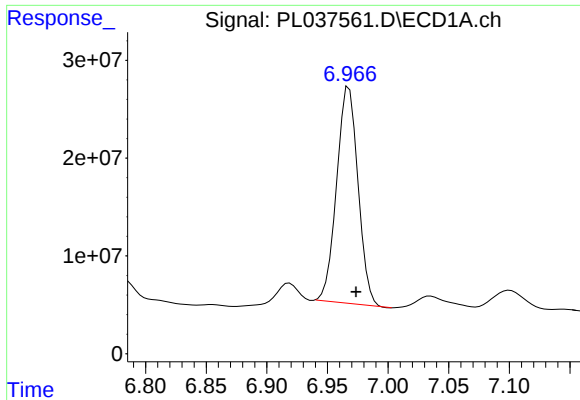
#20 Methoxychlor

R.T.: 6.749 min  
Delta R.T.: -0.005 min  
Response: 118282061  
Conc: 34.80 ng/ml



#20 Methoxychlor

R.T.: 7.486 min  
Delta R.T.: -0.002 min  
Response: 43546515  
Conc: 38.90 ng/ml



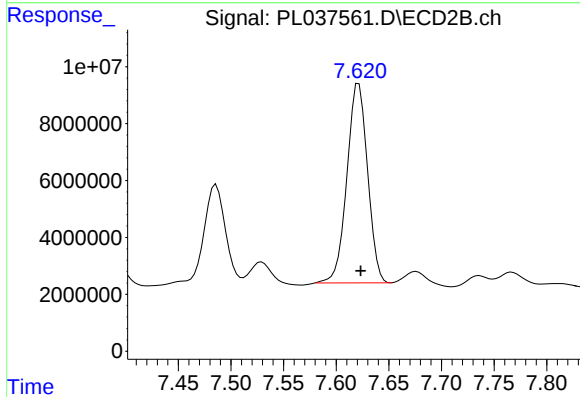
#21 Endrin ketone

R.T.: 6.968 min  
Delta R.T.: -0.006 min  
Response: 271491135  
Conc: 38.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-5(3-5)MS

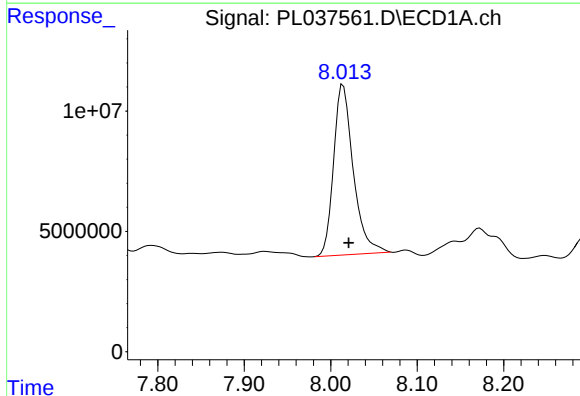
Manual Integrations  
APPROVED

mohammad  
7/2/2018 12:26:28 PM



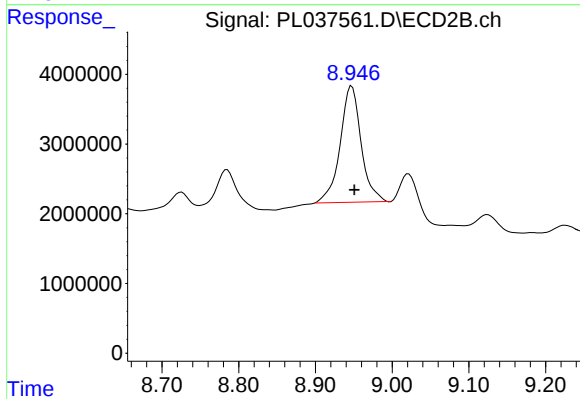
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.002 min  
Response: 95987417  
Conc: 47.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.015 min  
Delta R.T.: -0.006 min  
Response: 111974310  
Conc: 18.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: -0.003 min  
Response: 31818640  
Conc: 16.04 ng/ml