

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050521\  
 Data File : PL066713.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2021 18:49  
 Operator : AR\AJ  
 Sample : M2277-01MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-BPM-01-A3-A3A-B3-B3AMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 06:47:03 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 28 08:49:49 2021  
 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... | 3.426 | 4.151 | 53356892 | 52440151 | 14.160  | 14.931 |
| 28)                         | SA Decachlor... | 8.144 | 9.346 | 52302490 | 40651187 | 13.641m | 13.140 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.859 | 4.556 | 351.0E6  | 304.0E6  | 56.396  | 59.097 |
| 3)                          | MA gamma-BHC... | 4.138 | 4.849 | 316.9E6  | 276.7E6  | 57.596  | 57.368 |
| 4)                          | MA Heptachlor   | 4.435 | 5.365 | 318.2E6  | 266.4E6  | 56.994  | 53.961 |
| 5)                          | MB Aldrin       | 4.679 | 5.676 | 303.3E6  | 249.6E6  | 58.149  | 53.395 |
| 6)                          | B beta-BHC      | 4.387 | 5.025 | 134.0E6  | 131.5E6  | 50.652  | 57.411 |
| 7)                          | B delta-BHC     | 4.586 | 5.248 | 325.7E6  | 262.4E6  | 57.245  | 59.226 |
| 8)                          | B Heptachlo...  | 5.117 | 6.071 | 279.2E6  | 217.5E6  | 57.005  | 58.802 |
| 9)                          | A Endosulfan I  | 5.451 | 6.435 | 260.1E6  | 199.5E6  | 56.373  | 52.377 |
| 10)                         | B gamma-Chl...  | 5.342 | 6.307 | 297.2E6  | 224.0E6  | 58.322  | 53.808 |
| 11)                         | B alpha-Chl...  | 5.400 | 6.380 | 286.5E6  | 222.8E6  | 58.192  | 53.711 |
| 12)                         | B 4,4'-DDE      | 5.566 | 6.536 | 263.8E6  | 198.5E6  | 57.819  | 52.309 |
| 13)                         | MA Dieldrin     | 5.691 | 6.696 | 275.3E6  | 196.5E6  | 56.754  | 50.201 |
| 14)                         | MA Endrin       | 5.944 | 6.919 | 243.0E6  | 160.9E6  | 55.775m | 51.330 |
| 15)                         | B Endosulfa...  | 6.217 | 7.133 | 224.8E6  | 171.6E6  | 54.474  | 51.947 |
| 16)                         | A 4,4'-DDD      | 6.078 | 7.035 | 215.1E6  | 169.5E6  | 56.638  | 54.406 |
| 17)                         | MA 4,4'-DDT     | 6.316 | 7.337 | 208.2E6  | 154.5E6  | 53.390  | 47.728 |
| 18)                         | B Endrin al...  | 6.384 | 7.258 | 178.0E6  | 136.5E6  | 52.537  | 48.796 |
| 19)                         | B Endosulfa...  | 6.596 | 7.483 | 231.1E6  | 168.8E6  | 53.483  | 49.351 |
| 20)                         | A Methoxychlor  | 6.863 | 7.797 | 107.4E6  | 79637784 | 54.665  | 44.397 |
| 21)                         | B Endrin ke...  | 7.079 | 7.963 | 240.9E6  | 174.6E6  | 54.995m | 49.188 |
| 22)                         | Mirex           | 7.267 | 8.418 | 185.0E6  | 129.7E6  | 50.376  | 46.503 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050521\  
Data File : PL066713.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2021 18:49  
Operator : AR\AJ  
Sample : M2277-01MS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

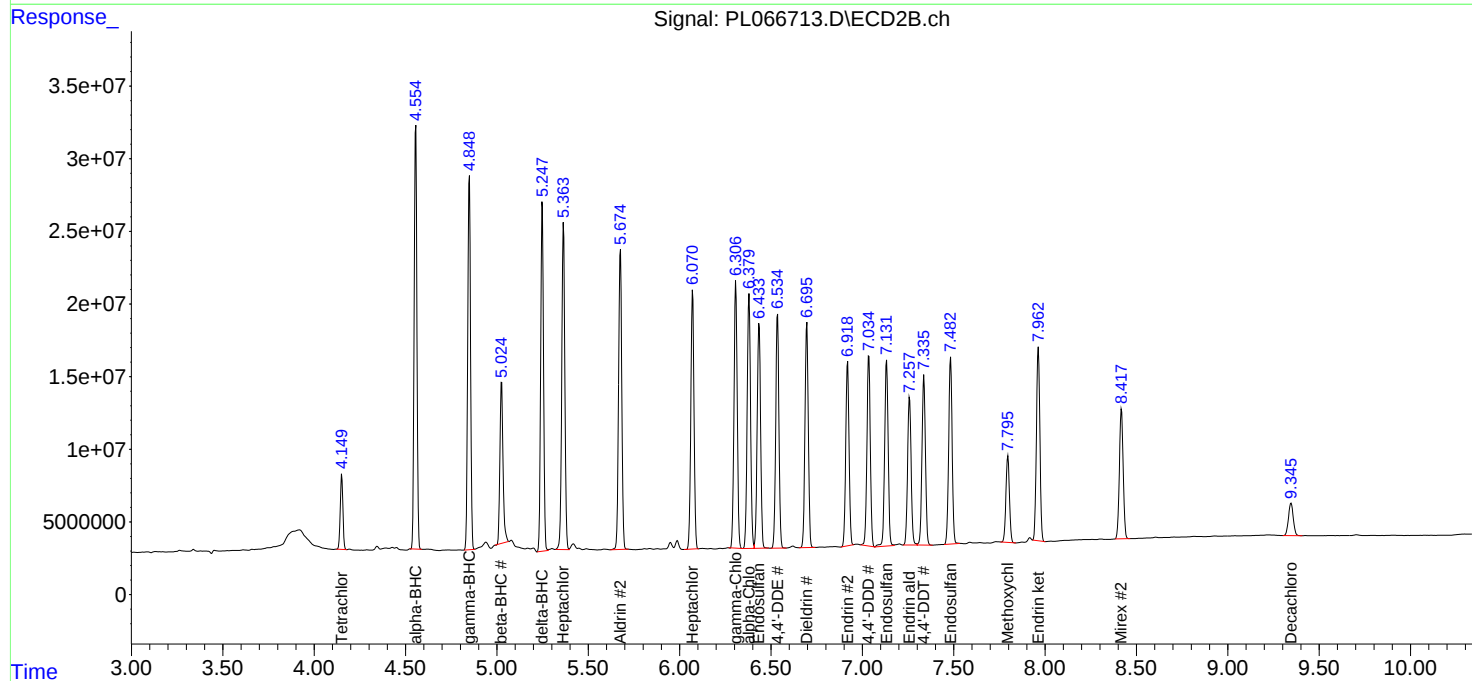
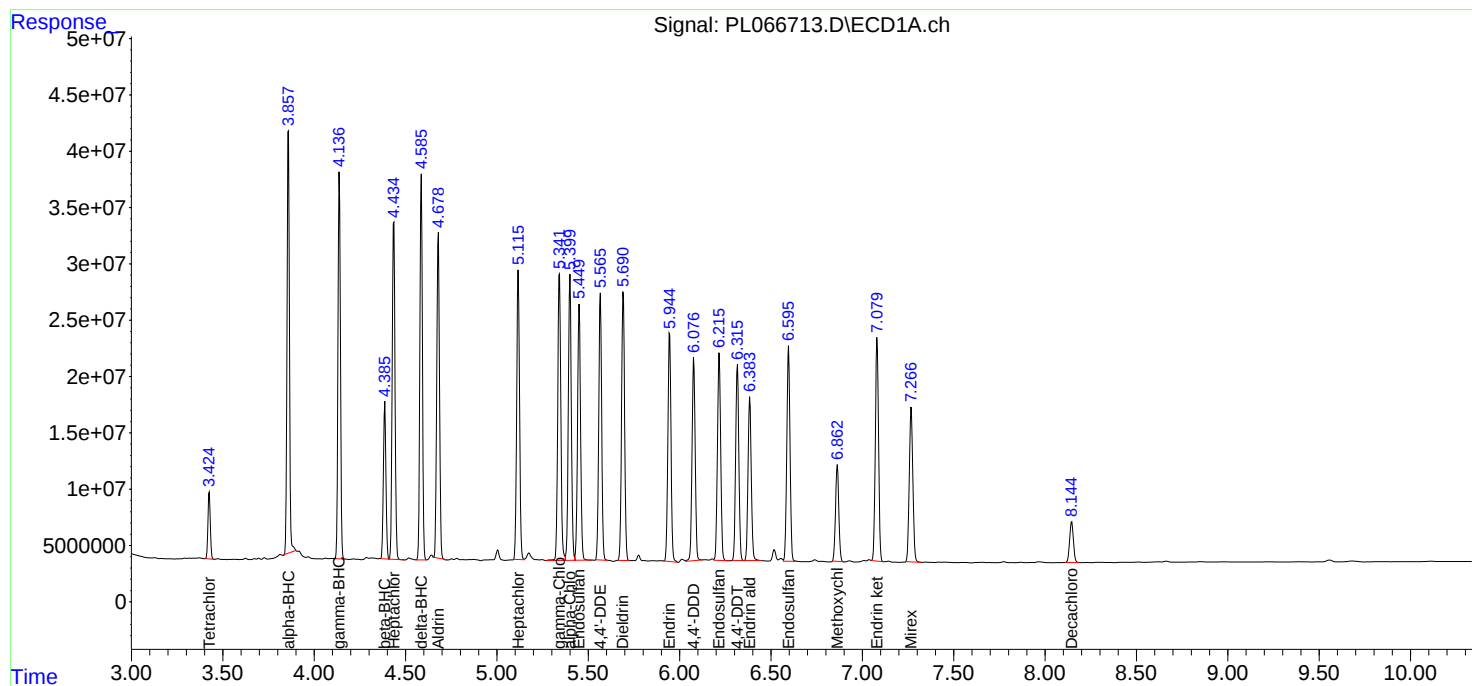
Instrument :  
ECD\_L  
Client Sampled :  
FK-BPM-01-A3-A3A-B3-B3AMS

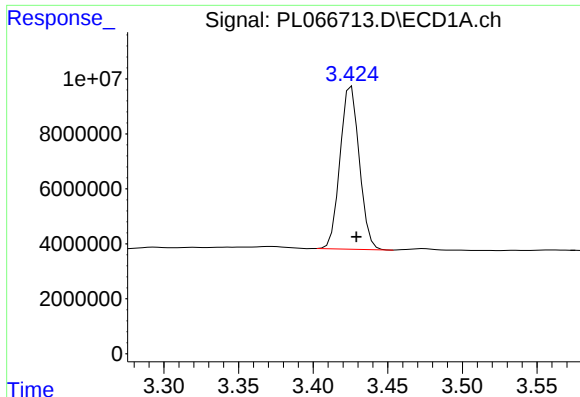
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 06:47:03 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042621.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 28 08:49:49 2021  
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





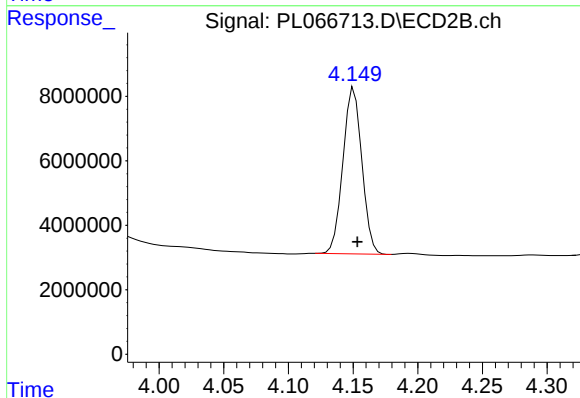
#1 Tetrachloro-m-xylene

R.T.: 3.426 min  
Delta R.T.: -0.003 min  
Response: 53356892  
Conc: 14.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

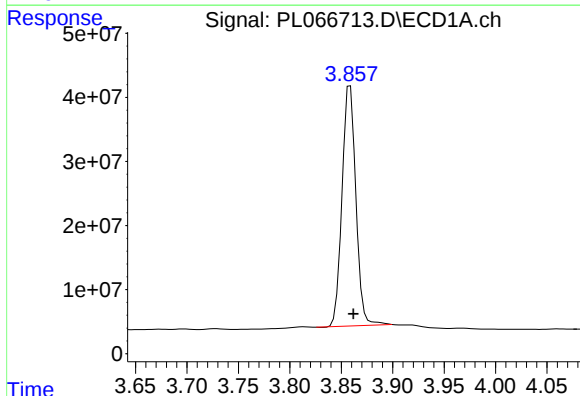
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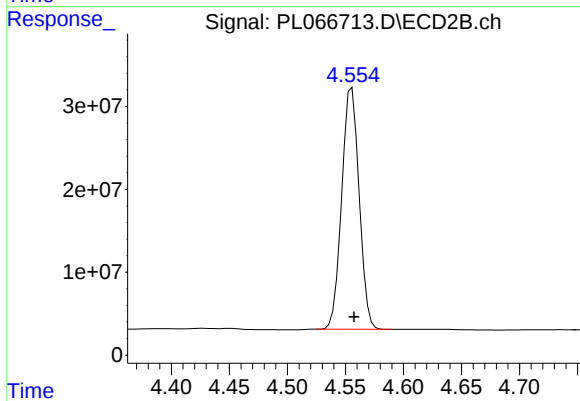
#1 Tetrachloro-m-xylene

R.T.: 4.151 min  
Delta R.T.: -0.002 min  
Response: 52440151  
Conc: 14.93 ng/ml



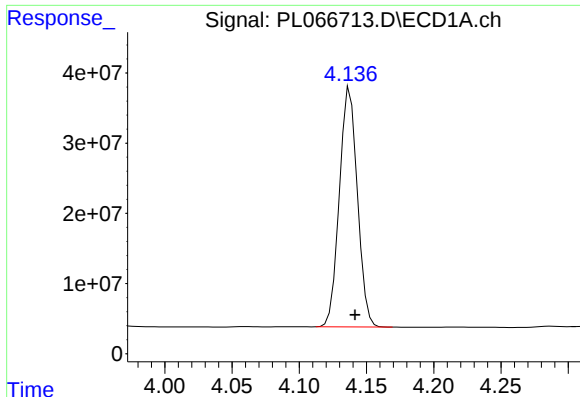
#2 alpha-BHC

R.T.: 3.859 min  
Delta R.T.: -0.003 min  
Response: 350954209  
Conc: 56.40 ng/ml



#2 alpha-BHC

R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 304022924  
Conc: 59.10 ng/ml



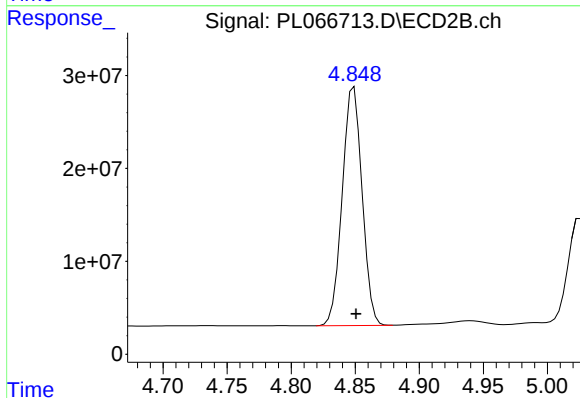
#3 gamma-BHC (Lindane)

R.T.: 4.138 min  
Delta R.T.: -0.004 min  
Response: 316902564  
Conc: 57.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

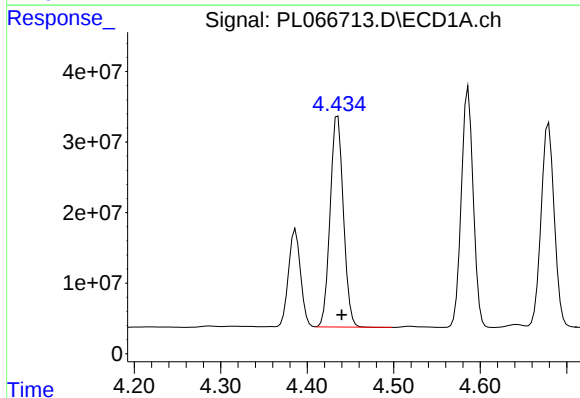
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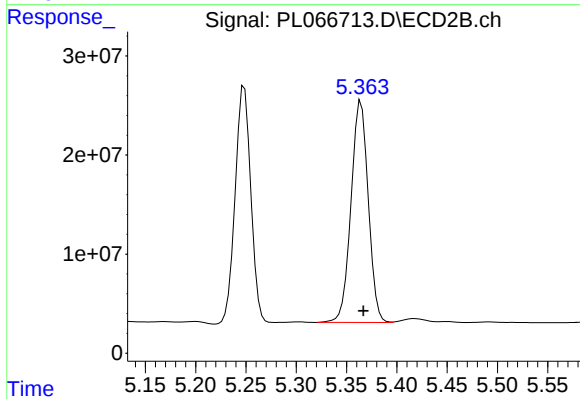
#3 gamma-BHC (Lindane)

R.T.: 4.849 min  
Delta R.T.: -0.002 min  
Response: 276747245  
Conc: 57.37 ng/ml



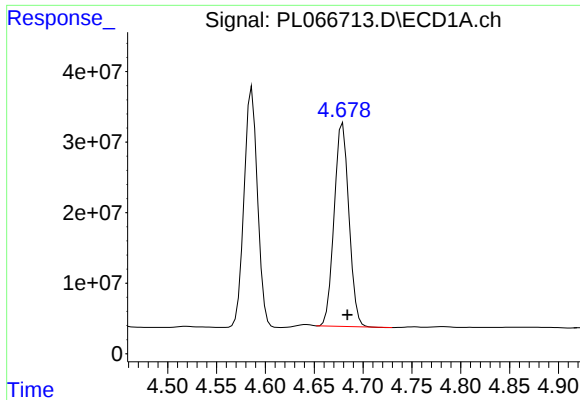
#4 Heptachlor

R.T.: 4.435 min  
Delta R.T.: -0.005 min  
Response: 318209916  
Conc: 56.99 ng/ml



#4 Heptachlor

R.T.: 5.365 min  
Delta R.T.: -0.002 min  
Response: 266405462  
Conc: 53.96 ng/ml



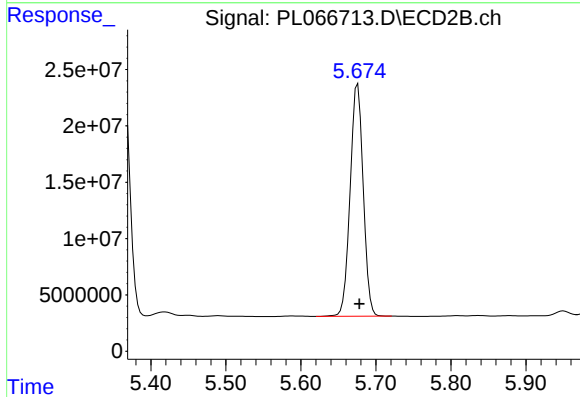
#5 Aldrin

R.T.: 4.679 min  
Delta R.T.: -0.005 min  
Response: 303279677  
Conc: 58.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

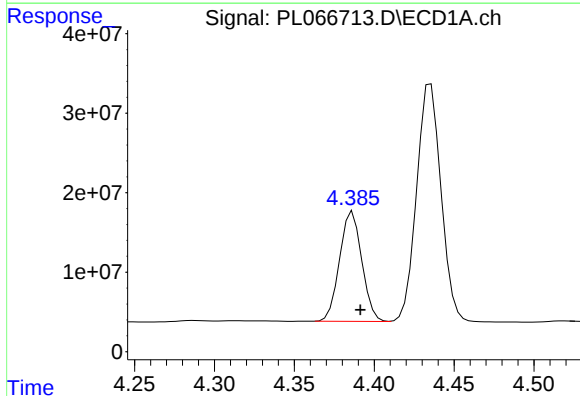
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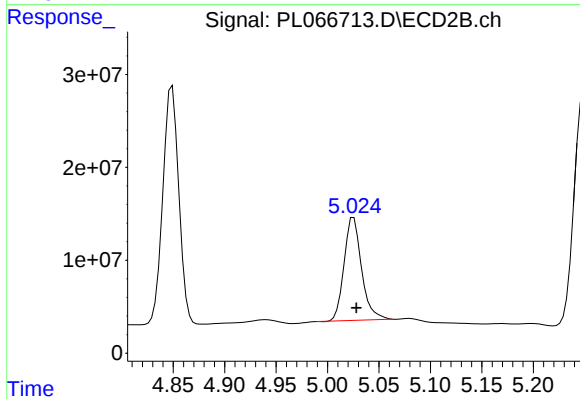
#5 Aldrin

R.T.: 5.676 min  
Delta R.T.: -0.002 min  
Response: 249627875  
Conc: 53.40 ng/ml



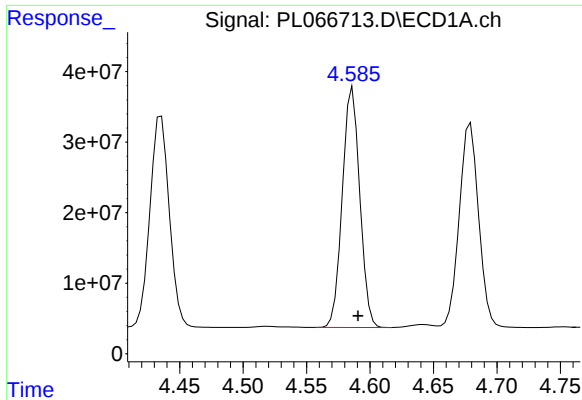
#6 beta-BHC

R.T.: 4.387 min  
Delta R.T.: -0.005 min  
Response: 133988859  
Conc: 50.65 ng/ml



#6 beta-BHC

R.T.: 5.025 min  
Delta R.T.: -0.003 min  
Response: 131529637  
Conc: 57.41 ng/ml



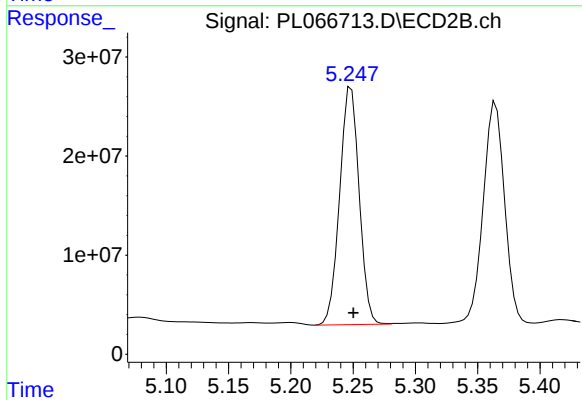
#7 delta-BHC

R.T.: 4.586 min  
Delta R.T.: -0.004 min  
Response: 325680277  
Conc: 57.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

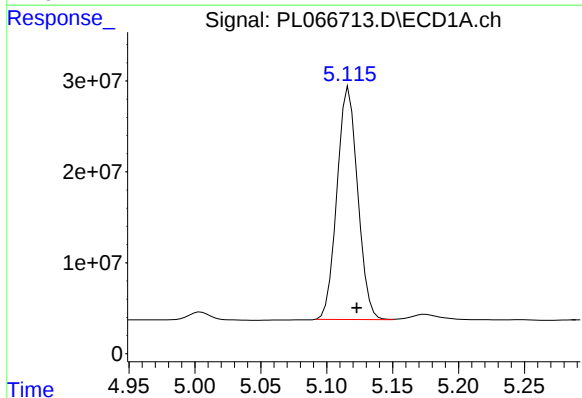
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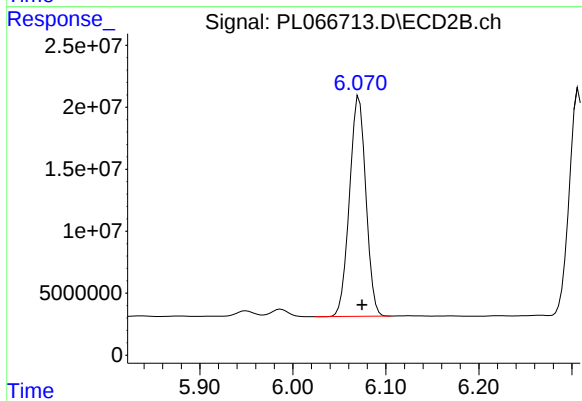
#7 delta-BHC

R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 262363653  
Conc: 59.23 ng/ml



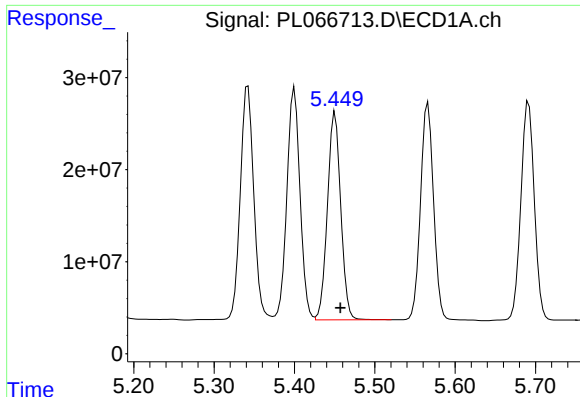
#8 Heptachlor epoxide

R.T.: 5.117 min  
Delta R.T.: -0.006 min  
Response: 279167915  
Conc: 57.01 ng/ml



#8 Heptachlor epoxide

R.T.: 6.071 min  
Delta R.T.: -0.003 min  
Response: 217545663  
Conc: 58.80 ng/ml



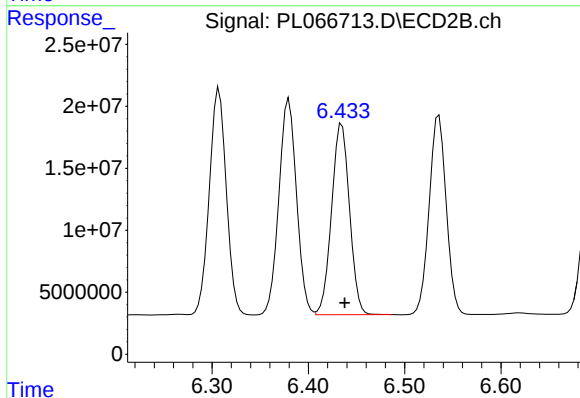
#9 Endosulfan I

R.T.: 5.451 min  
Delta R.T.: -0.007 min  
Response: 260090390  
Conc: 56.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

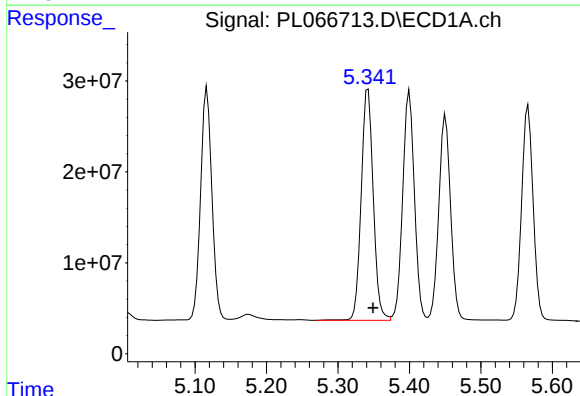
Manual Integrations  
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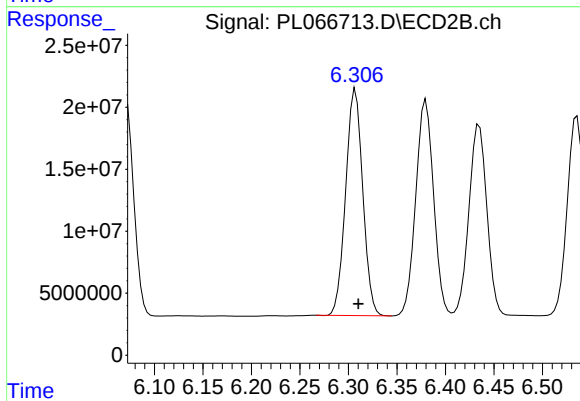
#9 Endosulfan I

R.T.: 6.435 min  
Delta R.T.: -0.003 min  
Response: 199458897  
Conc: 52.38 ng/ml



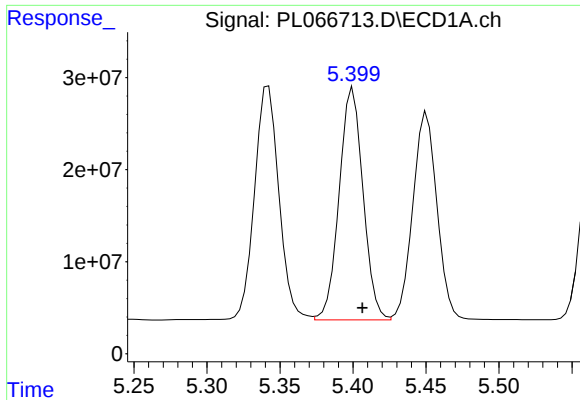
#10 gamma-Chlordane

R.T.: 5.342 min  
Delta R.T.: -0.007 min  
Response: 297202134  
Conc: 58.32 ng/ml



#10 gamma-Chlordane

R.T.: 6.307 min  
Delta R.T.: -0.003 min  
Response: 223992054  
Conc: 53.81 ng/ml



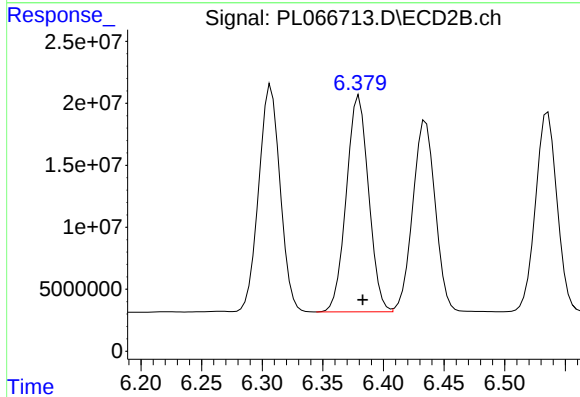
#11 alpha-Chlordane

R.T.: 5.400 min  
Delta R.T.: -0.006 min  
Response: 286529737  
Conc: 58.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

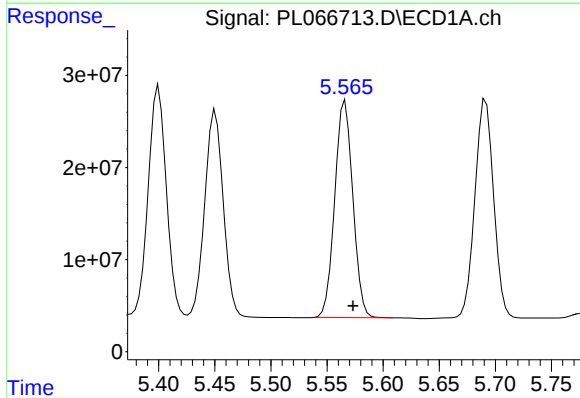
Manual Integrations  
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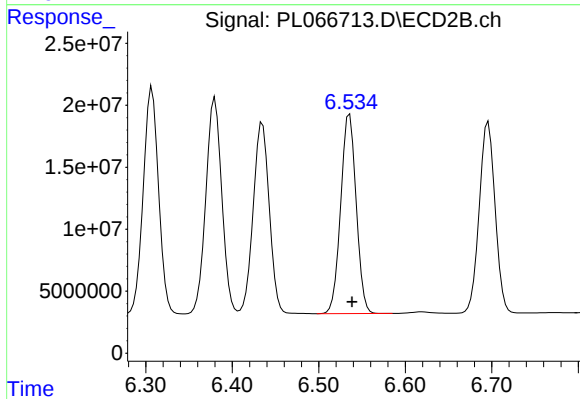
#11 alpha-Chlordane

R.T.: 6.380 min  
Delta R.T.: -0.003 min  
Response: 222805817  
Conc: 53.71 ng/ml



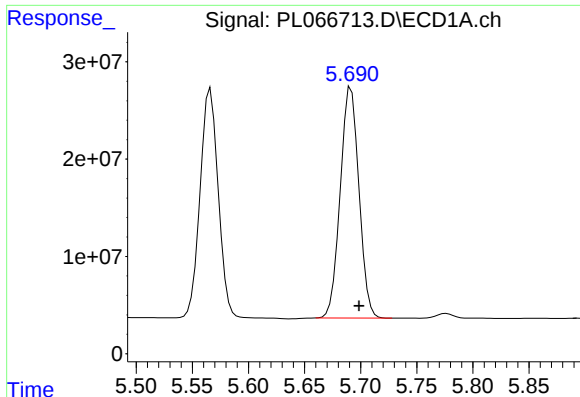
#12 4,4'-DDE

R.T.: 5.566 min  
Delta R.T.: -0.007 min  
Response: 263824055  
Conc: 57.82 ng/ml



#12 4,4'-DDE

R.T.: 6.536 min  
Delta R.T.: -0.003 min  
Response: 198471684  
Conc: 52.31 ng/ml



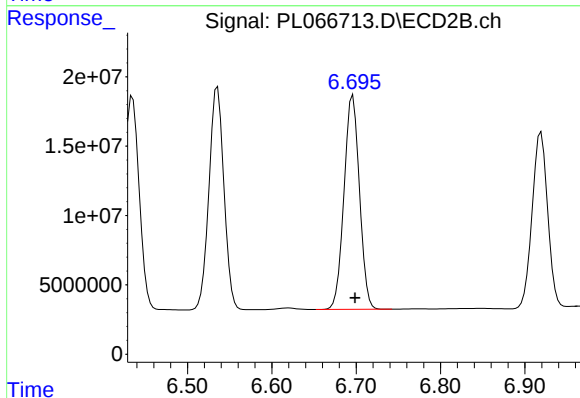
#13 Dieldrin

R.T.: 5.691 min  
Delta R.T.: -0.007 min  
Response: 275343837  
Conc: 56.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

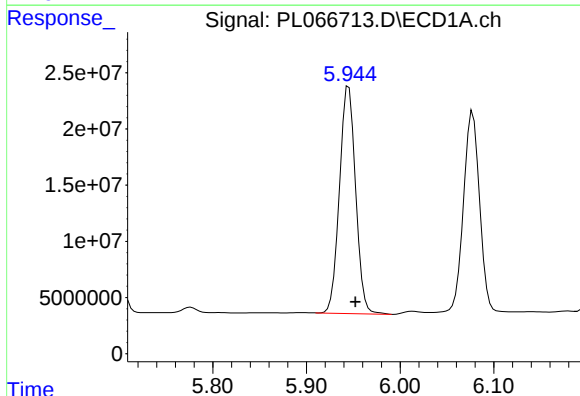
Manual Integrations  
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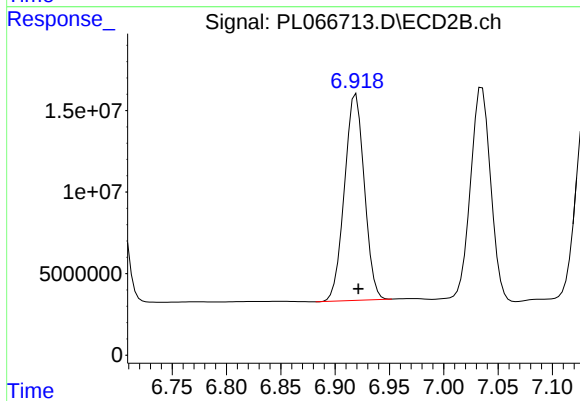
#13 Dieldrin

R.T.: 6.696 min  
Delta R.T.: -0.003 min  
Response: 196546255  
Conc: 50.20 ng/ml



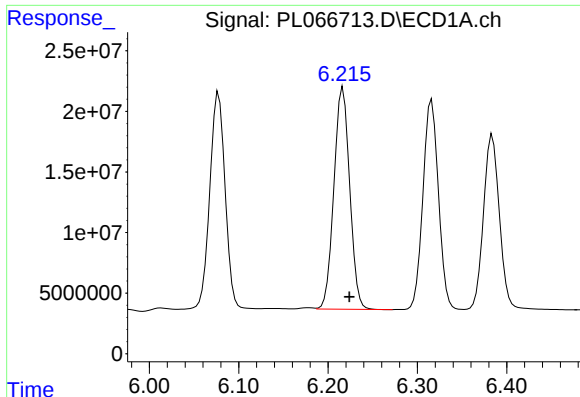
#14 Endrin

R.T.: 5.944 min  
Delta R.T.: -0.008 min  
Response: 242960054  
Conc: 55.77 ng/ml m



#14 Endrin

R.T.: 6.919 min  
Delta R.T.: -0.002 min  
Response: 160854024  
Conc: 51.33 ng/ml



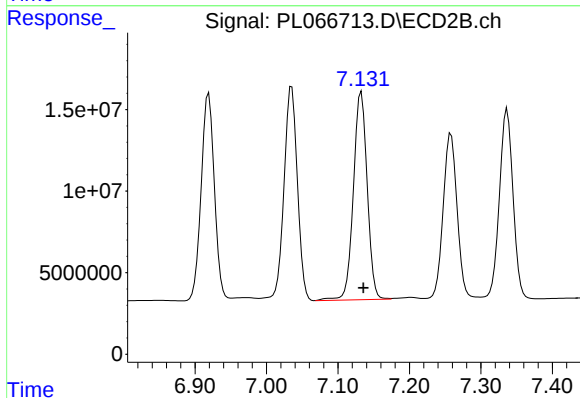
#15 Endosulfan II

R.T.: 6.217 min  
Delta R.T.: -0.007 min  
Response: 224776689  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

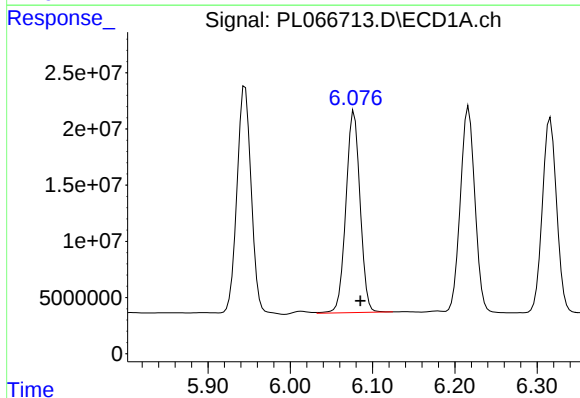
Manual Integrations  
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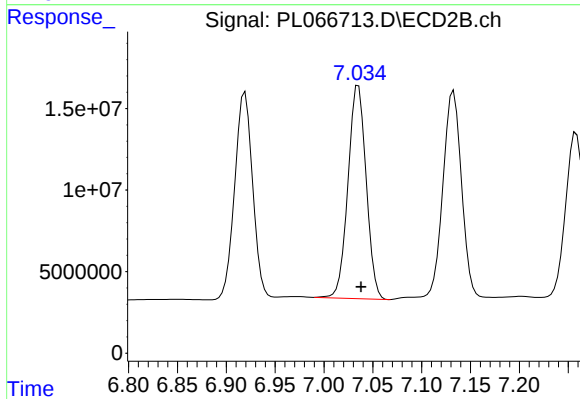
#15 Endosulfan II

R.T.: 7.133 min  
Delta R.T.: -0.003 min  
Response: 171569436  
Conc: 51.95 ng/ml



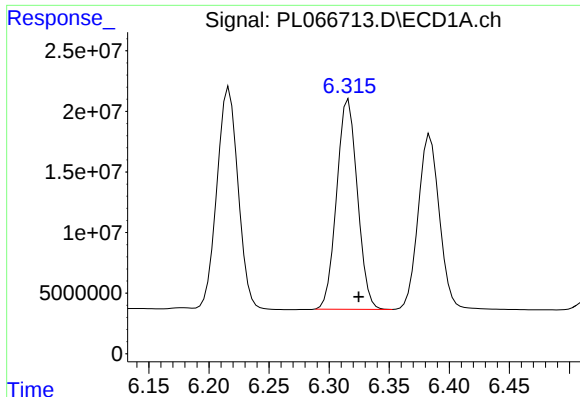
#16 4,4'-DDD

R.T.: 6.078 min  
Delta R.T.: -0.008 min  
Response: 215121820  
Conc: 56.64 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min  
Delta R.T.: -0.003 min  
Response: 169465100  
Conc: 54.41 ng/ml



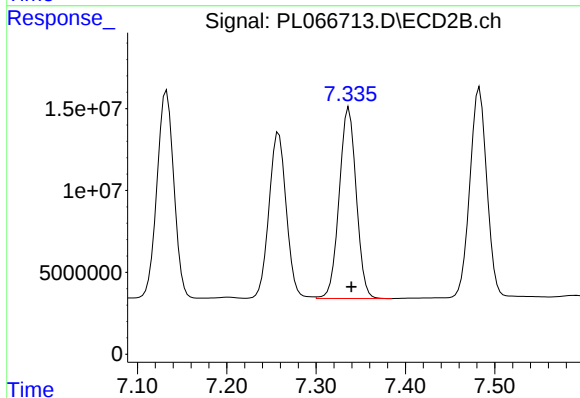
#17 4,4'-DDT

R.T.: 6.316 min  
Delta R.T.: -0.009 min  
Response: 208176991  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

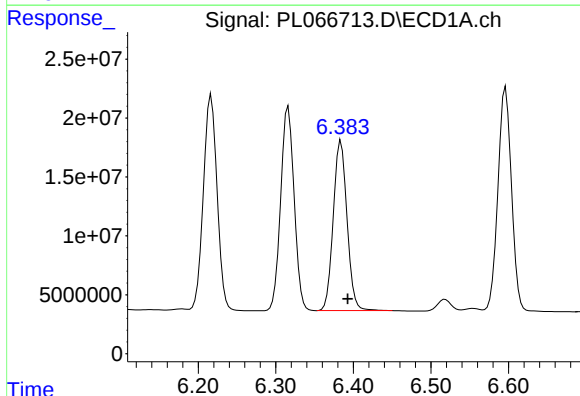
Manual Integrations  
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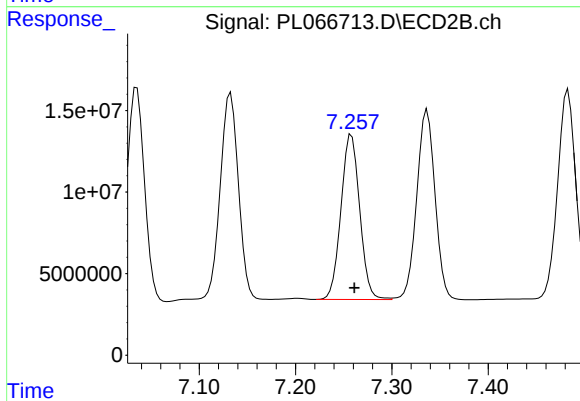
#17 4,4'-DDT

R.T.: 7.337 min  
Delta R.T.: -0.003 min  
Response: 154475510  
Conc: 47.73 ng/ml



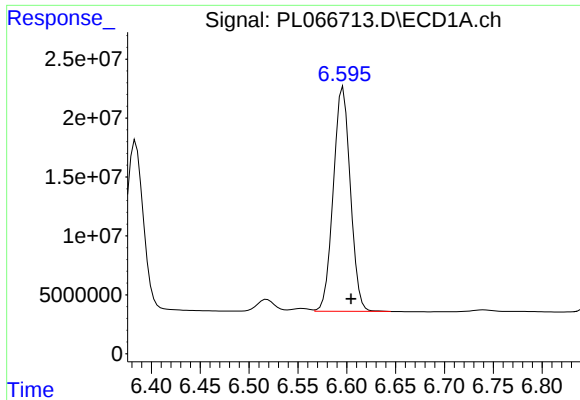
#18 Endrin aldehyde

R.T.: 6.384 min  
Delta R.T.: -0.009 min  
Response: 177996448  
Conc: 52.54 ng/ml



#18 Endrin aldehyde

R.T.: 7.258 min  
Delta R.T.: -0.003 min  
Response: 136483246  
Conc: 48.80 ng/ml



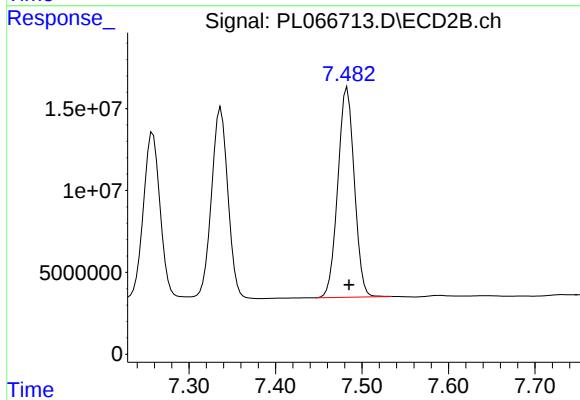
#19 Endosulfan Sulfate

R.T.: 6.596 min  
Delta R.T.: -0.008 min  
Response: 231128265  
Conc: 53.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

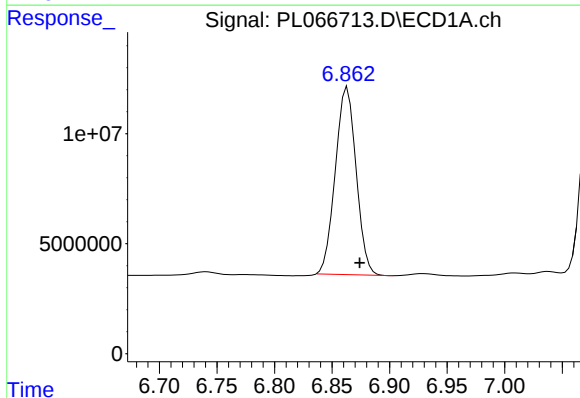
Manual Integrations  
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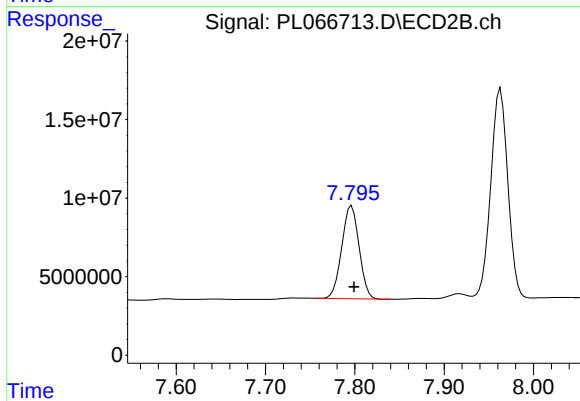
#19 Endosulfan Sulfate

R.T.: 7.483 min  
Delta R.T.: -0.002 min  
Response: 168807747  
Conc: 49.35 ng/ml



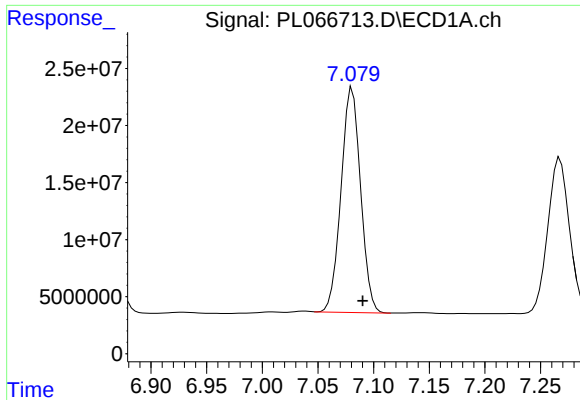
#20 Methoxychlor

R.T.: 6.863 min  
Delta R.T.: -0.011 min  
Response: 107378444  
Conc: 54.67 ng/ml



#20 Methoxychlor

R.T.: 7.797 min  
Delta R.T.: -0.003 min  
Response: 79637784  
Conc: 44.40 ng/ml



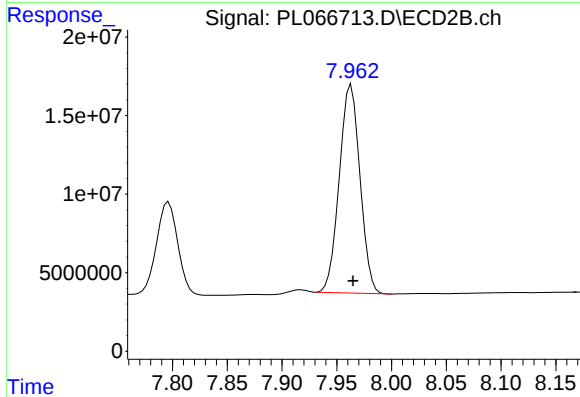
#21 Endrin ketone

R.T.: 7.079 min  
Delta R.T.: -0.011 min  
Response: 240940775  
Conc: 54.99 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

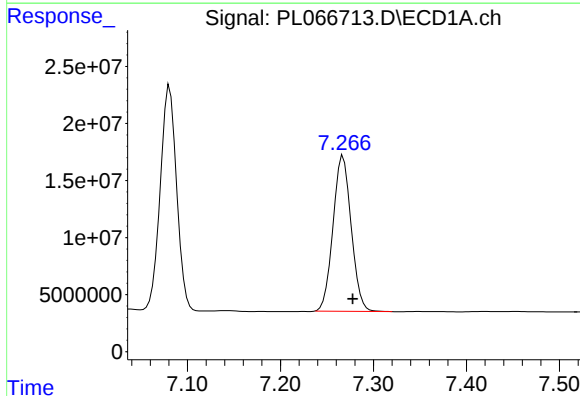
Manual Integrations  
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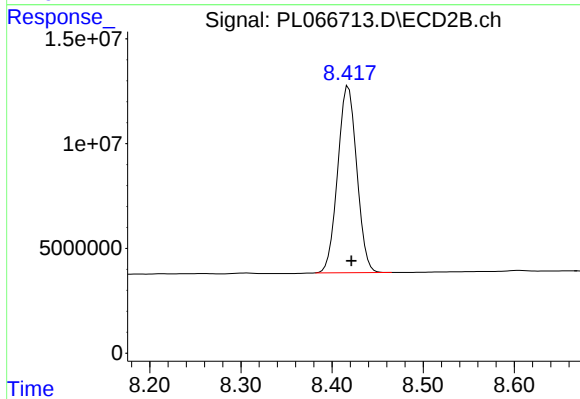
#21 Endrin ketone

R.T.: 7.963 min  
Delta R.T.: -0.002 min  
Response: 174581920  
Conc: 49.19 ng/ml



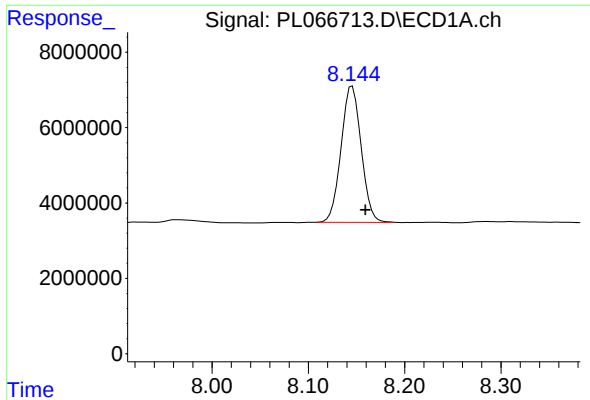
#22 Mirex

R.T.: 7.267 min  
Delta R.T.: -0.010 min  
Response: 185045567  
Conc: 50.38 ng/ml



#22 Mirex

R.T.: 8.418 min  
Delta R.T.: -0.003 min  
Response: 129726870  
Conc: 46.50 ng/ml



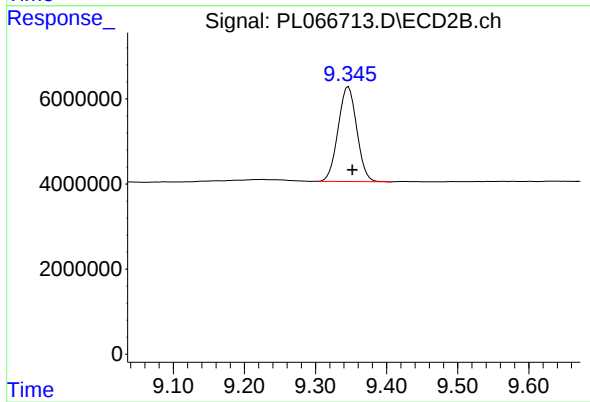
#28 Decachlorobiphenyl

R.T.: 8.144 min  
Delta R.T.: -0.015 min  
Response: 52302490  
Conc: 13.64 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-A3-A3A-B3-B3AMS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.346 min  
Delta R.T.: -0.006 min  
Response: 40651187  
Conc: 13.14 ng/ml