

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040721\  
 Data File : PL065934.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Apr 2021 11:11  
 Operator : AR\AJ  
 Sample : PB135567BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB135567BSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 06:41:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 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... | 3.281 | 3.780 | 48437321 | 53023363 | 18.594 | 19.317  |
| 28)                         | SA Decachlor... | 7.912 | 8.729 | 49682534 | 46014303 | 21.452 | 20.410  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.704 | 4.166 | 193.5E6  | 188.2E6  | 47.304 | 46.321  |
| 3)                          | MA gamma-BHC... | 3.977 | 4.445 | 174.3E6  | 172.1E6  | 47.093 | 46.999  |
| 4)                          | MA Heptachlor   | 4.261 | 4.930 | 162.6E6  | 163.0E6  | 45.144 | 46.186  |
| 5)                          | MB Aldrin       | 4.498 | 5.227 | 160.8E6  | 154.2E6  | 47.106 | 46.703  |
| 6)                          | B beta-BHC      | 4.228 | 4.629 | 75733683 | 87926726 | 47.515 | 50.480  |
| 7)                          | B delta-BHC     | 4.420 | 4.835 | 166.1E6  | 153.1E6  | 46.181 | 51.332  |
| 8)                          | B Heptachlo...  | 4.930 | 5.613 | 152.7E6  | 145.4E6  | 48.553 | 46.811  |
| 9)                          | A Endosulfan I  | 5.256 | 5.963 | 141.9E6  | 133.2E6  | 49.249 | 48.510  |
| 10)                         | B gamma-Chl...  | 5.151 | 5.844 | 153.1E6  | 143.9E6  | 48.660 | 47.963  |
| 11)                         | B alpha-Chl...  | 5.206 | 5.913 | 149.2E6  | 141.8E6  | 47.945 | 47.913  |
| 12)                         | B 4,4'-DDE      | 5.373 | 6.077 | 135.7E6  | 127.6E6  | 49.192 | 48.829  |
| 13)                         | MA Dieldrin     | 5.494 | 6.219 | 146.6E6  | 136.8E6  | 50.190 | 48.550  |
| 14)                         | MA Endrin       | 5.743 | 6.434 | 128.7E6  | 117.6E6  | 47.681 | 47.196  |
| 15)                         | B Endosulfa...  | 6.015 | 6.650 | 126.5E6  | 118.1E6  | 50.936 | 49.988  |
| 16)                         | A 4,4'-DDD      | 5.879 | 6.569 | 112.0E6  | 102.4E6  | 49.356 | 48.602  |
| 17)                         | MA 4,4'-DDT     | 6.111 | 6.861 | 98500786 | 93073505 | 46.753 | 41.568  |
| 18)                         | B Endrin al...  | 6.181 | 6.775 | 104.4E6  | 101.5E6  | 55.199 | 53.507  |
| 19)                         | B Endosulfa...  | 6.392 | 6.996 | 130.8E6  | 119.8E6  | 50.685 | 49.401  |
| 20)                         | A Methoxychlor  | 6.656 | 7.325 | 57520165 | 53667139 | 45.819 | 42.373m |
| 21)                         | B Endrin ke...  | 6.869 | 7.462 | 139.1E6  | 127.3E6  | 50.711 | 49.540  |
| 22)                         | Mirex           | 7.040 | 7.898 | 109.1E6  | 96773357 | 52.078 | 49.581  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040721\  
Data File : PL065934.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Apr 2021 11:11  
Operator : AR\AJ  
Sample : PB135567BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

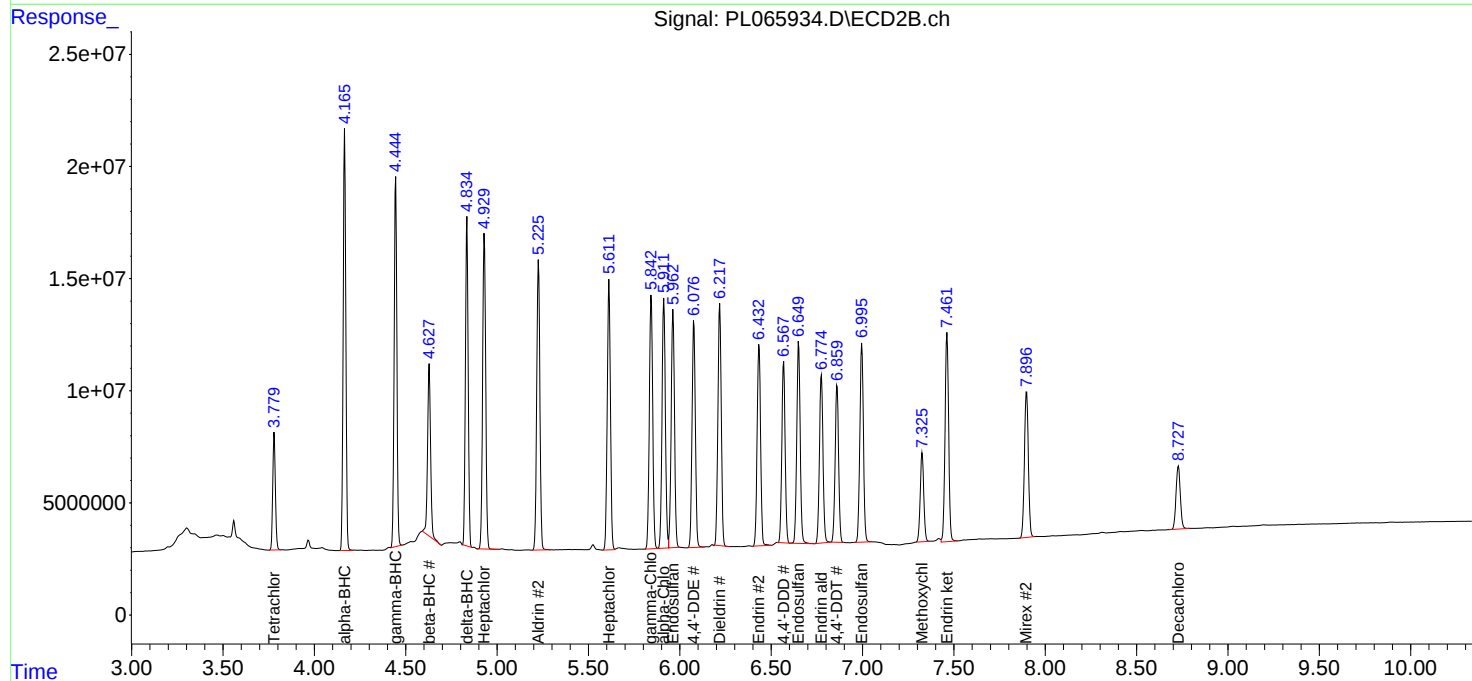
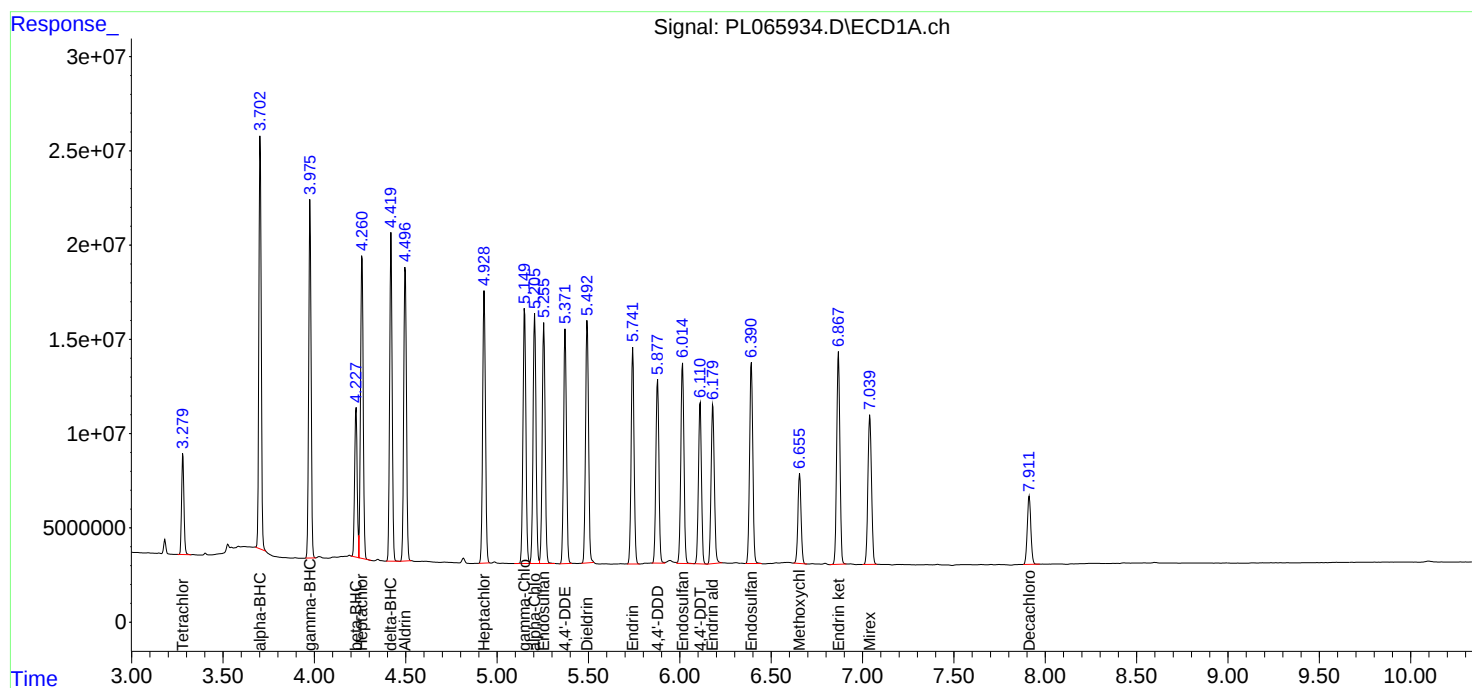
Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

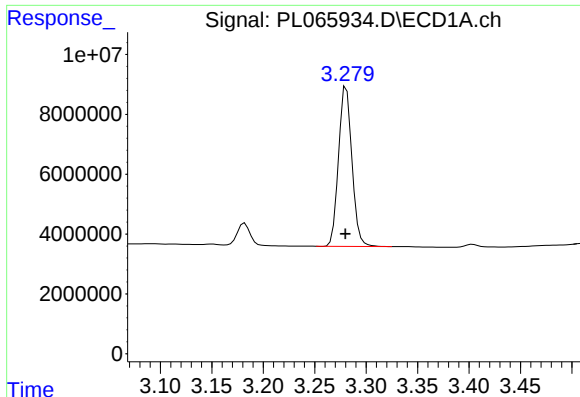
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 08 06:41:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 31 15:57:28 2021  
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





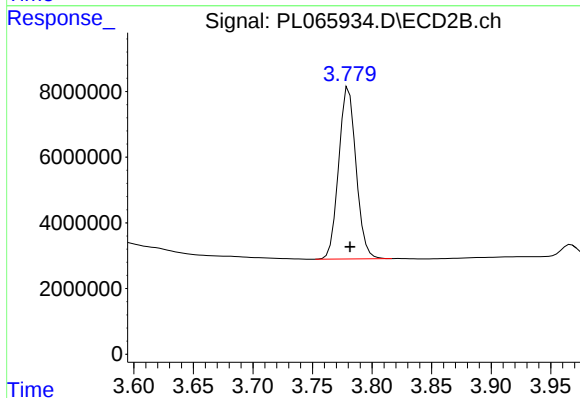
#1 Tetrachloro-m-xylene

R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 48437321  
Conc: 18.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

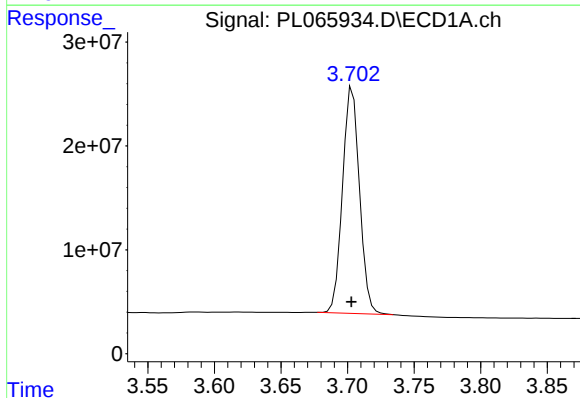
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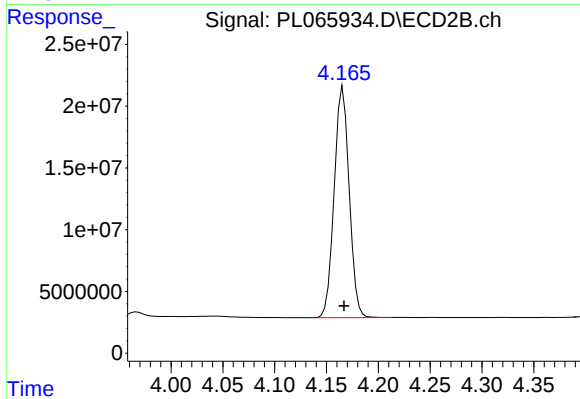
#1 Tetrachloro-m-xylene

R.T.: 3.780 min  
Delta R.T.: -0.001 min  
Response: 53023363  
Conc: 19.32 ng/ml



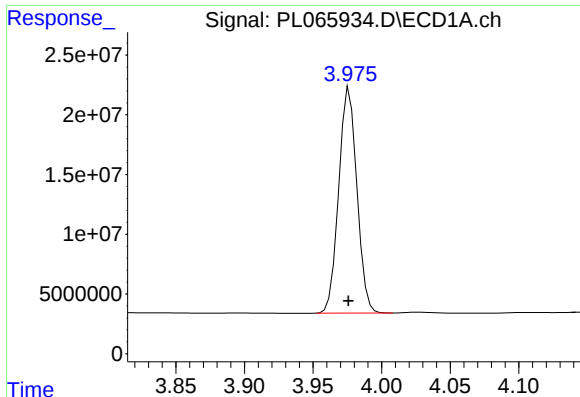
#2 alpha-BHC

R.T.: 3.704 min  
Delta R.T.: 0.000 min  
Response: 193469302  
Conc: 47.30 ng/ml



#2 alpha-BHC

R.T.: 4.166 min  
Delta R.T.: 0.000 min  
Response: 188203235  
Conc: 46.32 ng/ml



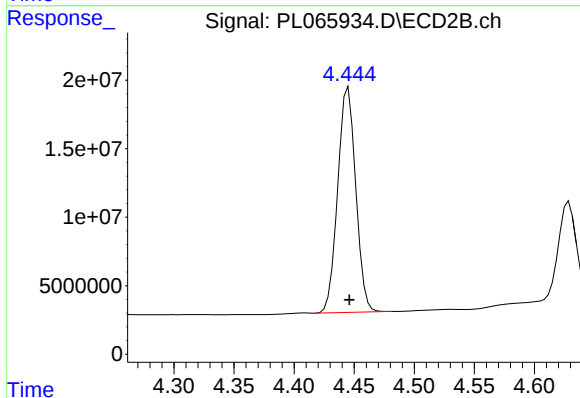
#3 gamma-BHC (Lindane)

R.T.: 3.977 min  
Delta R.T.: 0.000 min  
Response: 174325169  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

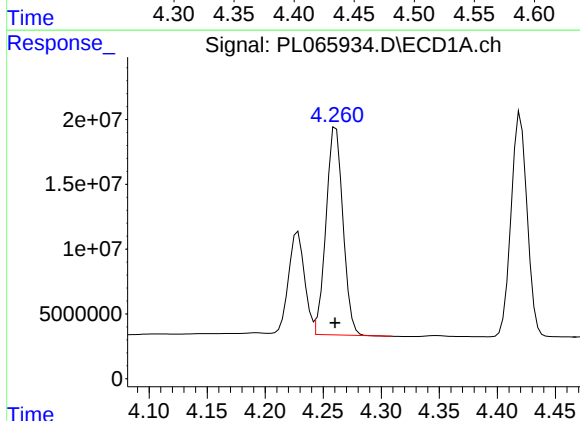
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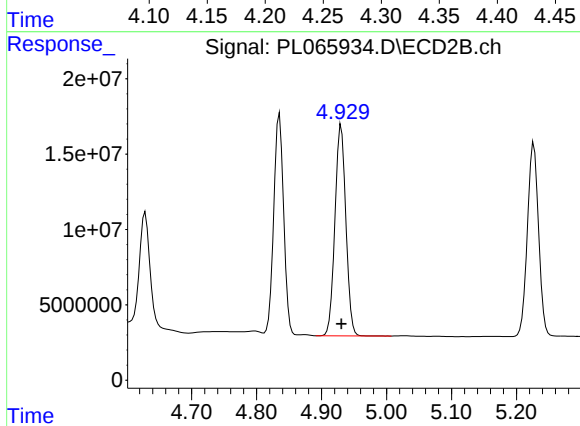
#3 gamma-BHC (Lindane)

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 172072724  
Conc: 47.00 ng/ml



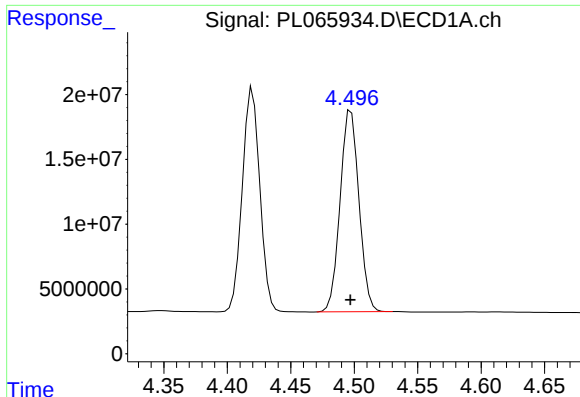
#4 Heptachlor

R.T.: 4.261 min  
Delta R.T.: 0.000 min  
Response: 162625228  
Conc: 45.14 ng/ml



#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 163002441  
Conc: 46.19 ng/ml



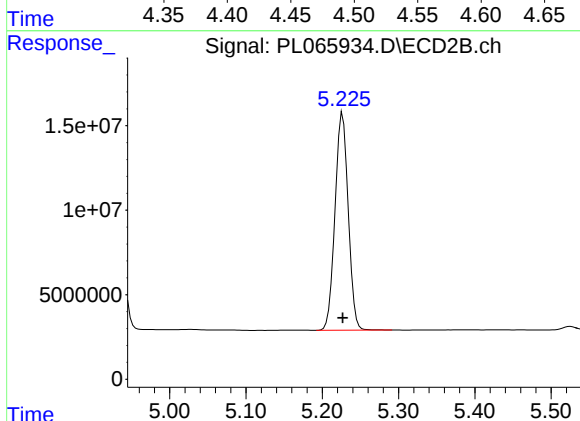
#5 Aldrin

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 160829011  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

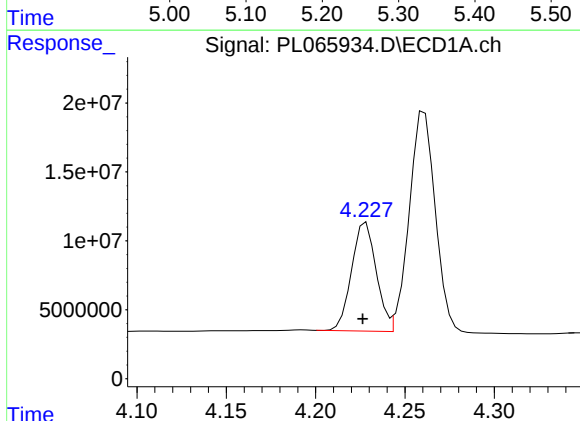
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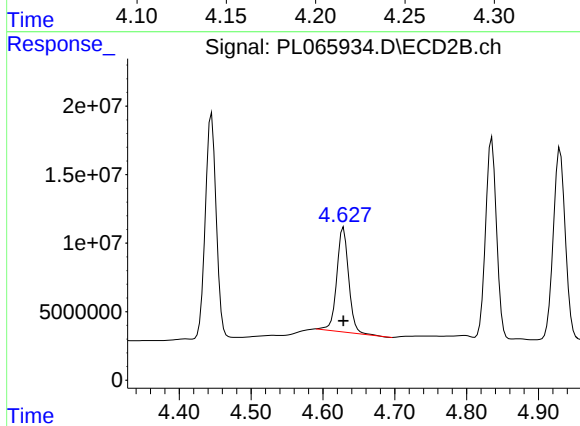
#5 Aldrin

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 154197951  
Conc: 46.70 ng/ml



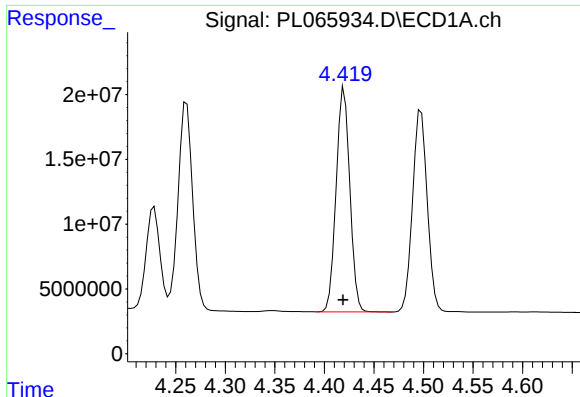
#6 beta-BHC

R.T.: 4.228 min  
Delta R.T.: 0.002 min  
Response: 75733683  
Conc: 47.51 ng/ml



#6 beta-BHC

R.T.: 4.629 min  
Delta R.T.: 0.000 min  
Response: 87926726  
Conc: 50.48 ng/ml



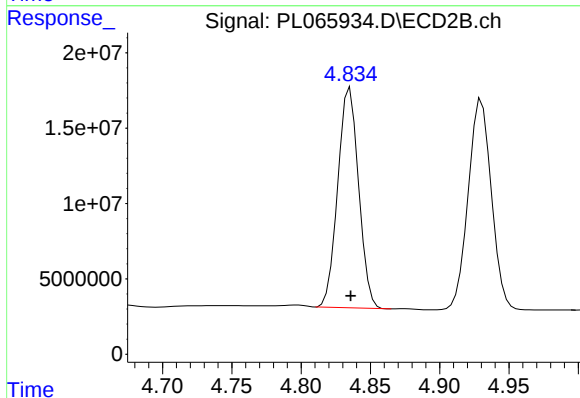
#7 delta-BHC

R.T.: 4.420 min  
Delta R.T.: 0.001 min  
Response: 166126112  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

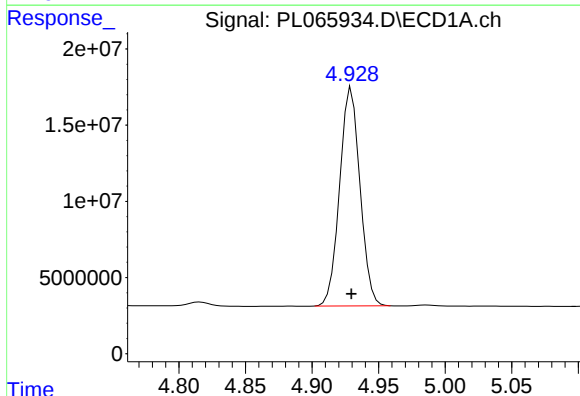
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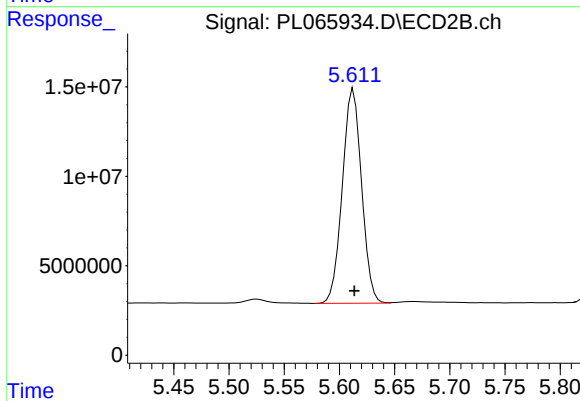
#7 delta-BHC

R.T.: 4.835 min  
Delta R.T.: 0.000 min  
Response: 153097982  
Conc: 51.33 ng/ml



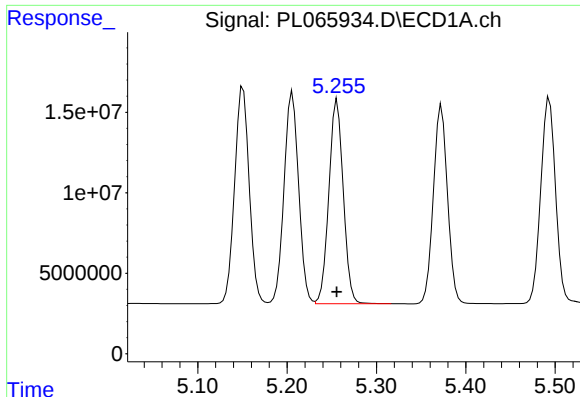
#8 Heptachlor epoxide

R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 152674466  
Conc: 48.55 ng/ml



#8 Heptachlor epoxide

R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 145364301  
Conc: 46.81 ng/ml



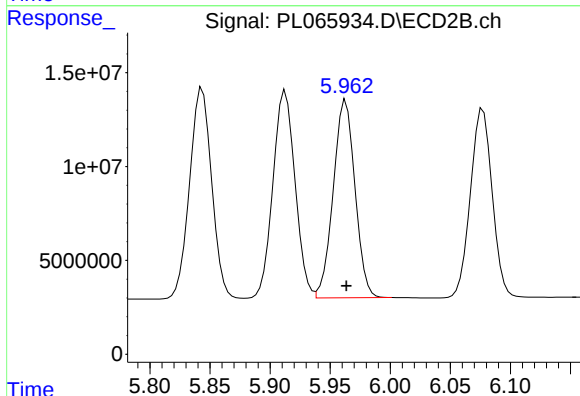
#9 Endosulfan I

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 141917605  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

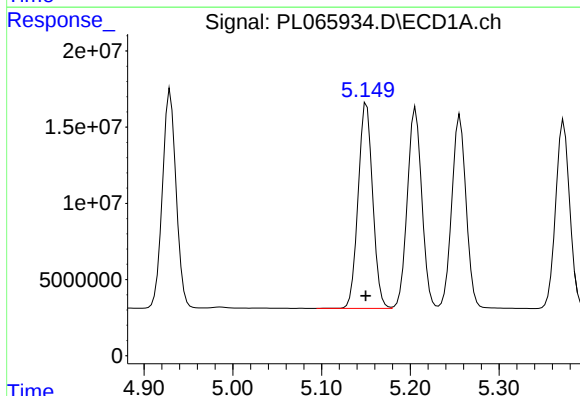
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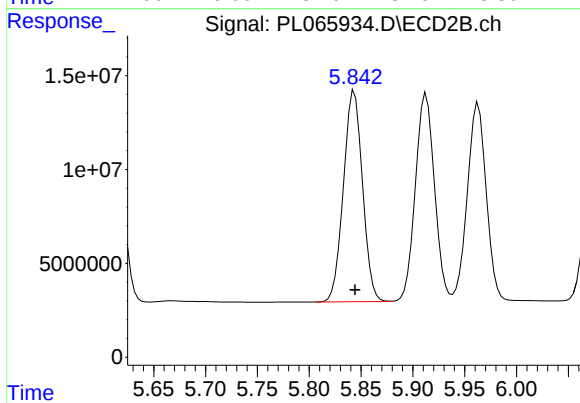
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 133177229  
Conc: 48.51 ng/ml



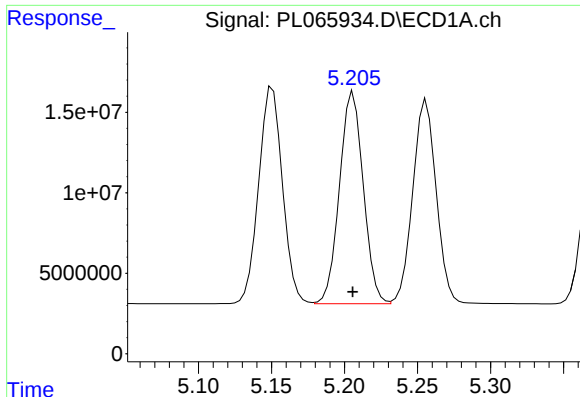
#10 gamma-Chlordane

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 153129250  
Conc: 48.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 143903959  
Conc: 47.96 ng/ml



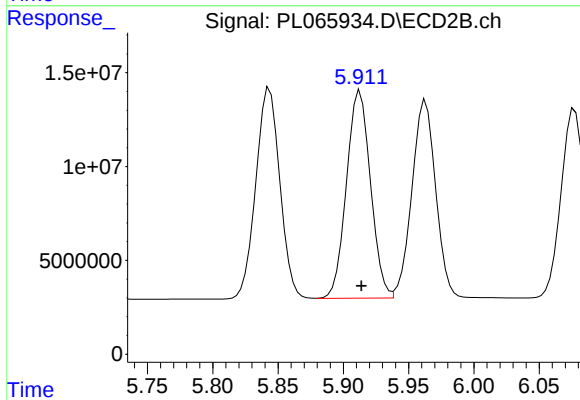
#11 alpha-Chlordane

R.T.: 5.206 min  
Delta R.T.: 0.000 min  
Response: 149179534  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

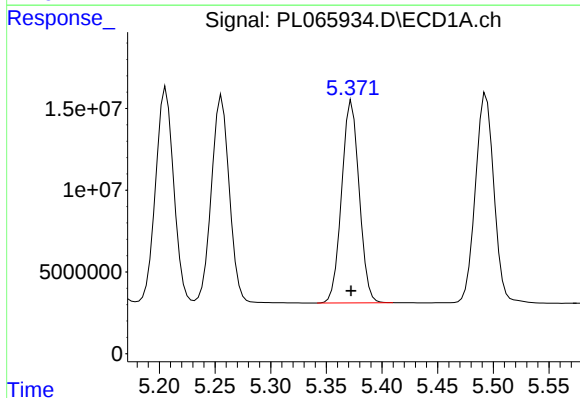
Manual Integrations  
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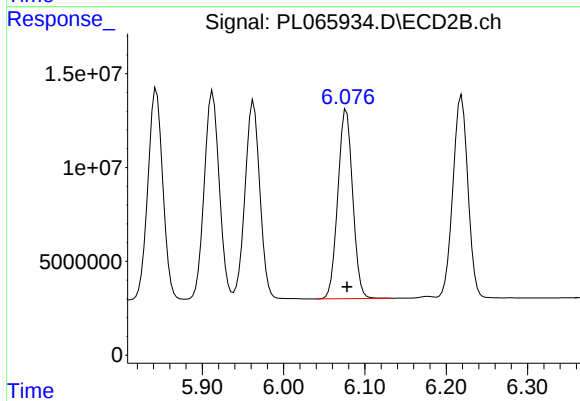
#11 alpha-Chlordane

R.T.: 5.913 min  
Delta R.T.: -0.001 min  
Response: 141779573  
Conc: 47.91 ng/ml



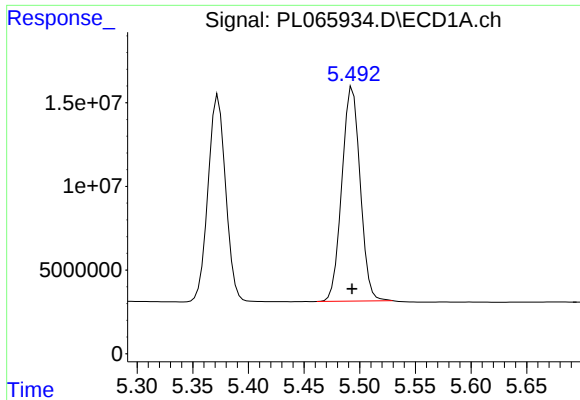
#12 4,4'-DDE

R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 135722113  
Conc: 49.19 ng/ml



#12 4,4'-DDE

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 127567901  
Conc: 48.83 ng/ml



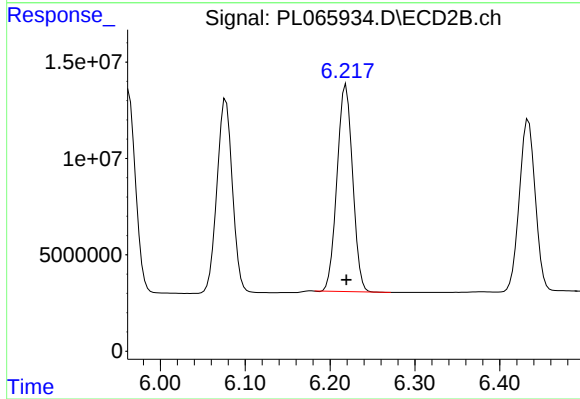
#13 Dieldrin

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 146635222  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

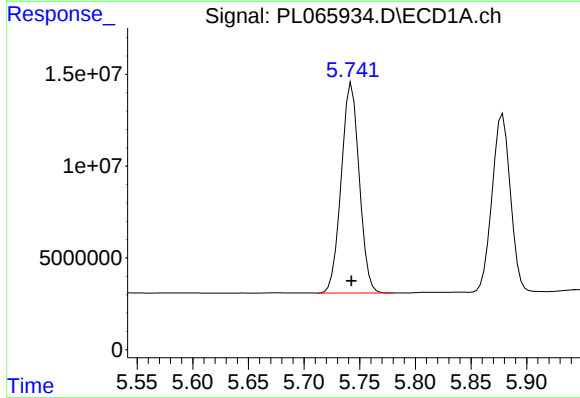
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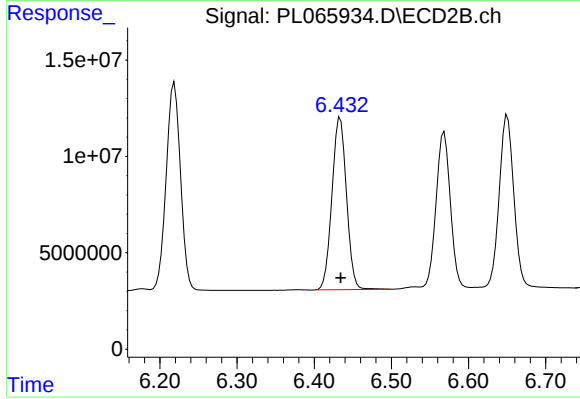
#13 Dieldrin

R.T.: 6.219 min  
Delta R.T.: 0.000 min  
Response: 136828055  
Conc: 48.55 ng/ml



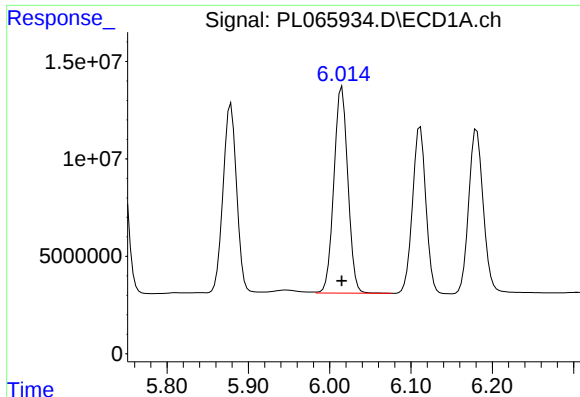
#14 Endrin

R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 128739000  
Conc: 47.68 ng/ml



#14 Endrin

R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 117554284  
Conc: 47.20 ng/ml



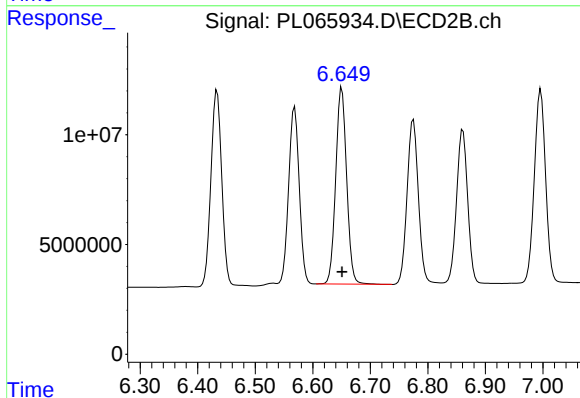
#15 Endosulfan II

R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 126502332  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

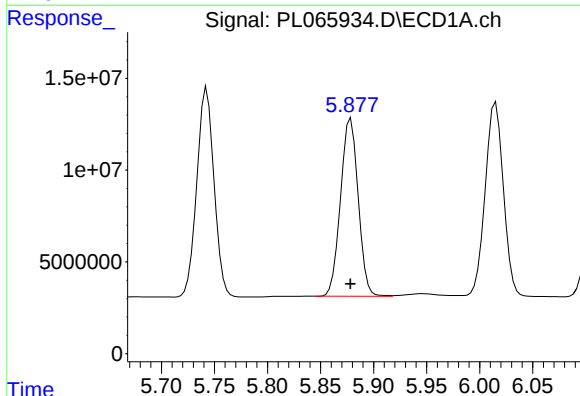
Manual Integrations  
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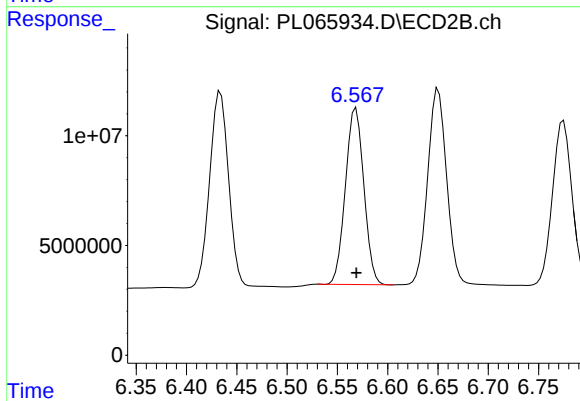
#15 Endosulfan II

R.T.: 6.650 min  
Delta R.T.: 0.000 min  
Response: 118142302  
Conc: 49.99 ng/ml



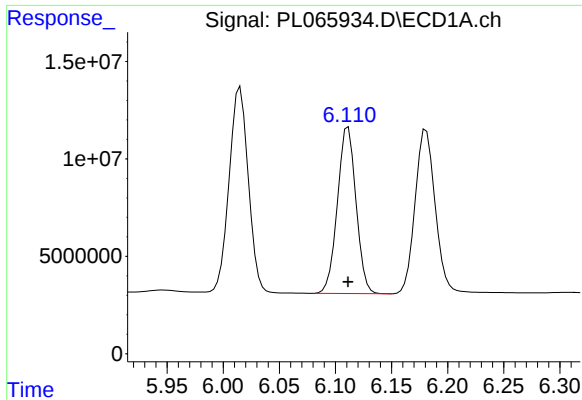
#16 4,4'-DDD

R.T.: 5.879 min  
Delta R.T.: 0.000 min  
Response: 111989976  
Conc: 49.36 ng/ml



#16 4,4'-DDD

R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 102438835  
Conc: 48.60 ng/ml



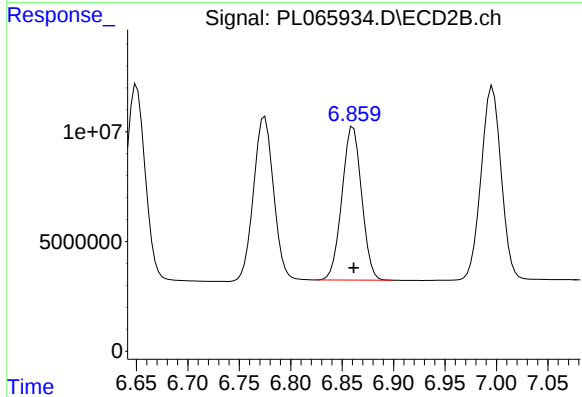
#17 4,4'-DDT

R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 98500786  
Conc: 46.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

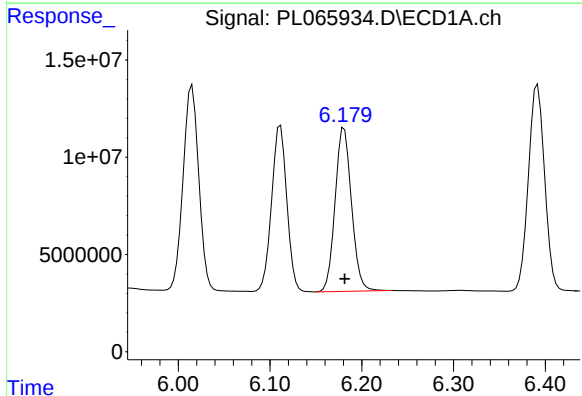
Manual Integrations  
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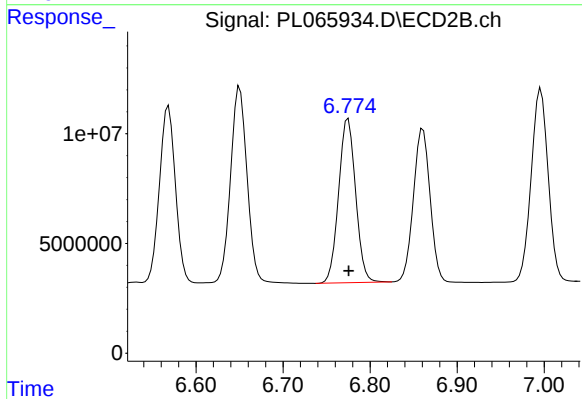
#17 4,4'-DDT

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 93073505  
Conc: 41.57 ng/ml



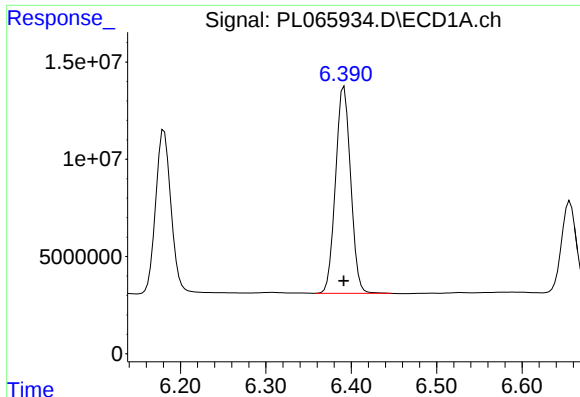
#18 Endrin aldehyde

R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 104443930  
Conc: 55.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 101528254  
Conc: 53.51 ng/ml



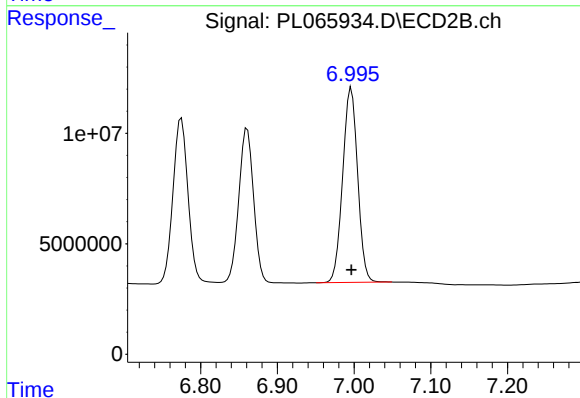
#19 Endosulfan Sulfate

R.T.: 6.392 min  
Delta R.T.: 0.000 min  
Response: 130780734  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

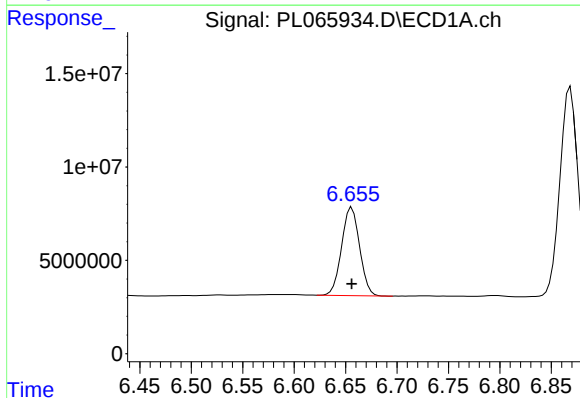
Manual Integrations  
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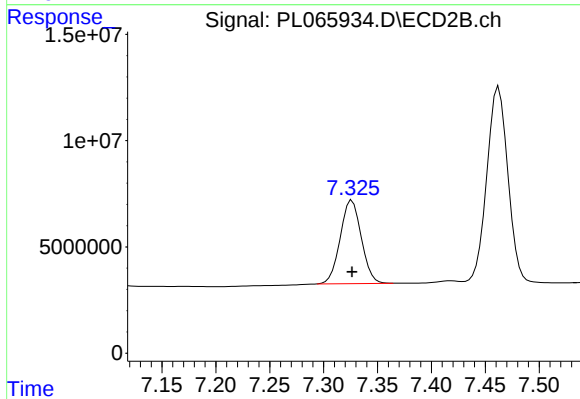
#19 Endosulfan Sulfate

R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 119844238  
Conc: 49.40 ng/ml



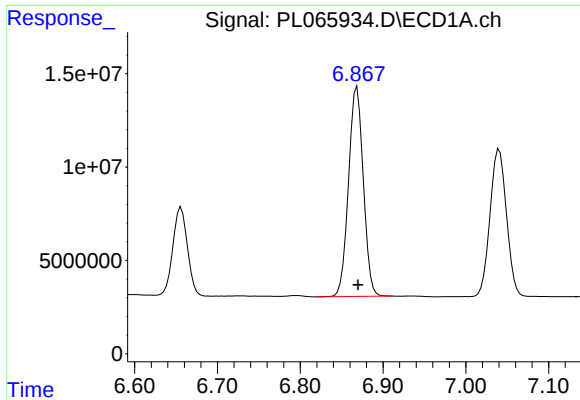
#20 Methoxychlor

R.T.: 6.656 min  
Delta R.T.: 0.000 min  
Response: 57520165  
Conc: 45.82 ng/ml



#20 Methoxychlor

R.T.: 7.325 min  
Delta R.T.: -0.001 min  
Response: 53667139  
Conc: 42.37 ng/ml m



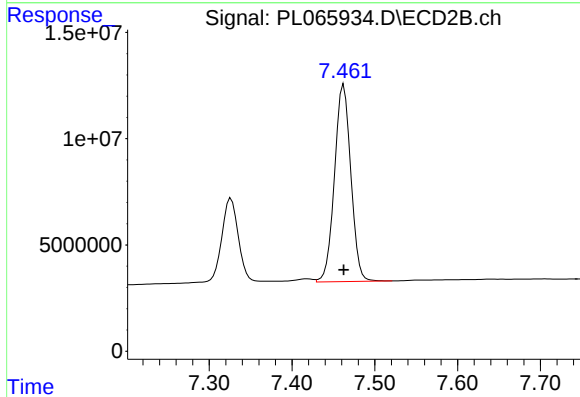
#21 Endrin ketone

R.T.: 6.869 min  
Delta R.T.: -0.001 min  
Response: 139071216  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

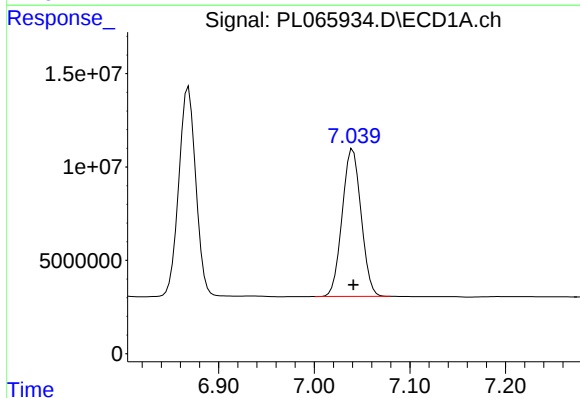
Manual Integrations  
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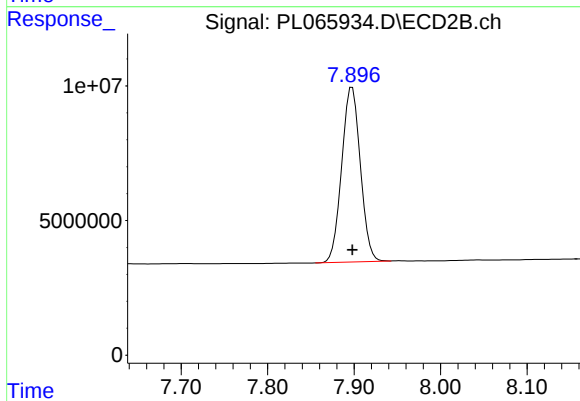
#21 Endrin ketone

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 127332304  
Conc: 49.54 ng/ml



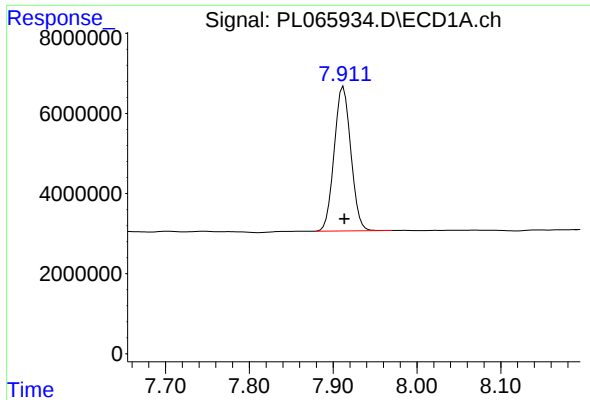
#22 Mirex

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 109062959  
Conc: 52.08 ng/ml



#22 Mirex

R.T.: 7.898 min  
Delta R.T.: 0.000 min  
Response: 96773357  
Conc: 49.58 ng/ml



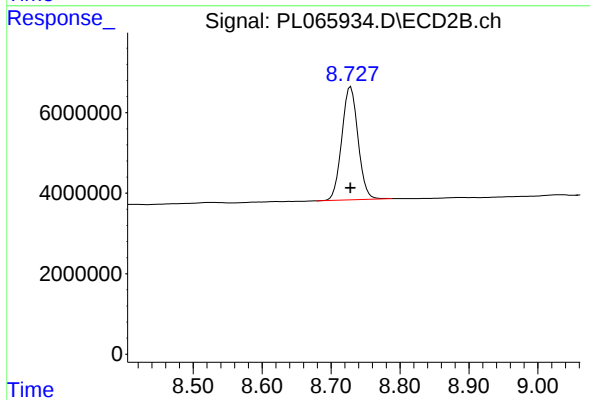
#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.001 min  
Response: 49682534  
Conc: 21.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135567BSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: 0.000 min  
Response: 46014303  
Conc: 20.41 ng/ml