

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
 Data File : PL059603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2020 21:31  
 Operator : AJ\MA  
 Sample : L3153-04MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP1-BMS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:35:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 2020  
 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... | 3.516 | 4.071 | 37875038 | 58067791 | 21.088m  | 21.835   |
| 28)                         | SA Decachlor... | 8.287 | 9.182 | 29216128 | 42655369 | 19.031   | 19.624   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.958 | 4.464 | 135.4E6  | 205.3E6  | 52.658   | 52.733   |
| 3)                          | MA gamma-BHC... | 4.243 | 4.751 | 116.5E6  | 190.6E6  | 51.407   | 52.127   |
| 4)                          | MA Heptachlor   | 4.548 | 5.266 | 111.5E6  | 184.9E6  | 53.358   | 52.764   |
| 5)                          | MB Aldrin       | 4.798 | 5.574 | 92536486 | 166.2E6  | 54.008   | 52.563   |
| 6)                          | B beta-BHC      | 4.493 | 4.919 | 52486112 | 84856645 | 55.943   | 55.108m  |
| 7)                          | B delta-BHC     | 4.699 | 5.140 | 101.7E6  | 135.6E6  | 51.998   | 46.356   |
| 8)                          | B Heptachlo...  | 5.242 | 5.962 | 87092546 | 126.2E6  | 53.724   | 51.911   |
| 9)                          | A Endosulfan I  | 5.582 | 6.320 | 82028869 | 143.4E6  | 53.309   | 53.133   |
| 10)                         | B gamma-Chl...  | 5.470 | 6.195 | 89820140 | 158.8E6  | 54.898   | 53.867m  |
| 11)                         | B alpha-Chl...  | 5.528 | 6.270 | 91953502 | 164.7E6  | 56.000   | 55.684   |
| 12)                         | B 4,4'-DDE      | 5.692 | 6.424 | 3761.6E6 | 5936.2E6 | 2509.210 | 2225.146 |
| 13)                         | MA Dieldrin     | 5.826 | 6.578 | 255.9E6  | 414.9E6  | 160.320  | 147.239  |
| 14)                         | MA Endrin       | 6.083 | 6.799 | 244.0E6  | 108.3E6  | 165.019  | 44.038 # |
| 15)                         | B Endosulfa...  | 6.356 | 7.005 | 76310809 | 137.3E6  | 50.275   | 53.440   |
| 16)                         | A 4,4'-DDD      | 6.208 | 6.916 | 95207750 | 171.4E6  | 71.326   | 71.985   |
| 17)                         | MA 4,4'-DDT     | 6.449 | 7.216 | 2128.3E6 | 3332.4E6 | 1676.453 | 1473.487 |
| 18)                         | B Endrin al...  | 6.521 | 7.129 | 74035228 | 114.0E6  | 58.661m  | 51.452   |
| 19)                         | B Endosulfa...  | 6.749 | 7.353 | 670.4E6  | 130.0E6  | 466.986m | 54.316 # |
| 20)                         | A Methoxychlor  | 6.994 | 7.671 | 37373953 | 75118416 | 48.836   | 58.173m  |
| 21)                         | B Endrin ke...  | 7.229 | 7.827 | 101.2E6  | 149.3E6  | 61.284   | 59.271   |
| 22)                         | Mirex           | 7.421 | 8.284 | 70612567 | 94692558 | 54.381   | 49.580   |
| -----                       |                 |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
 Data File : PL059603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2020 21:31  
 Operator : AJ\MA  
 Sample : L3153-04MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

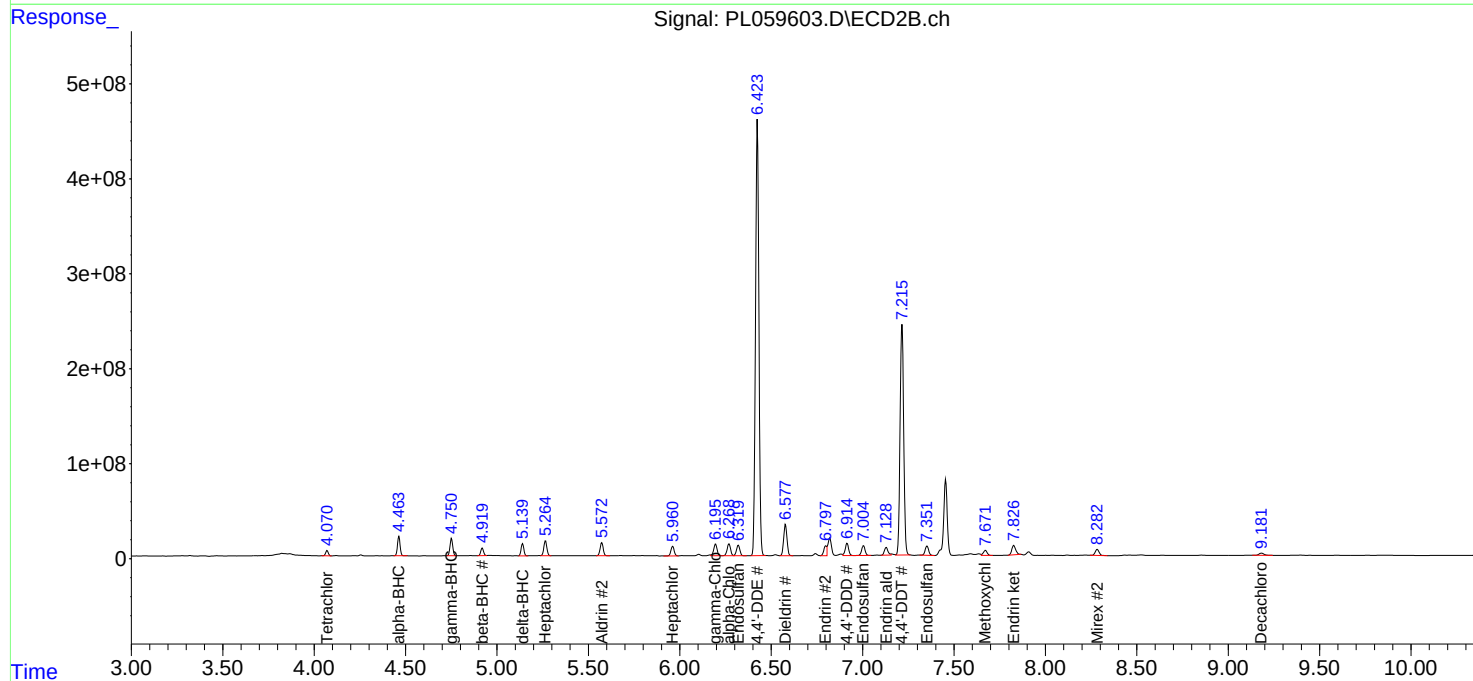
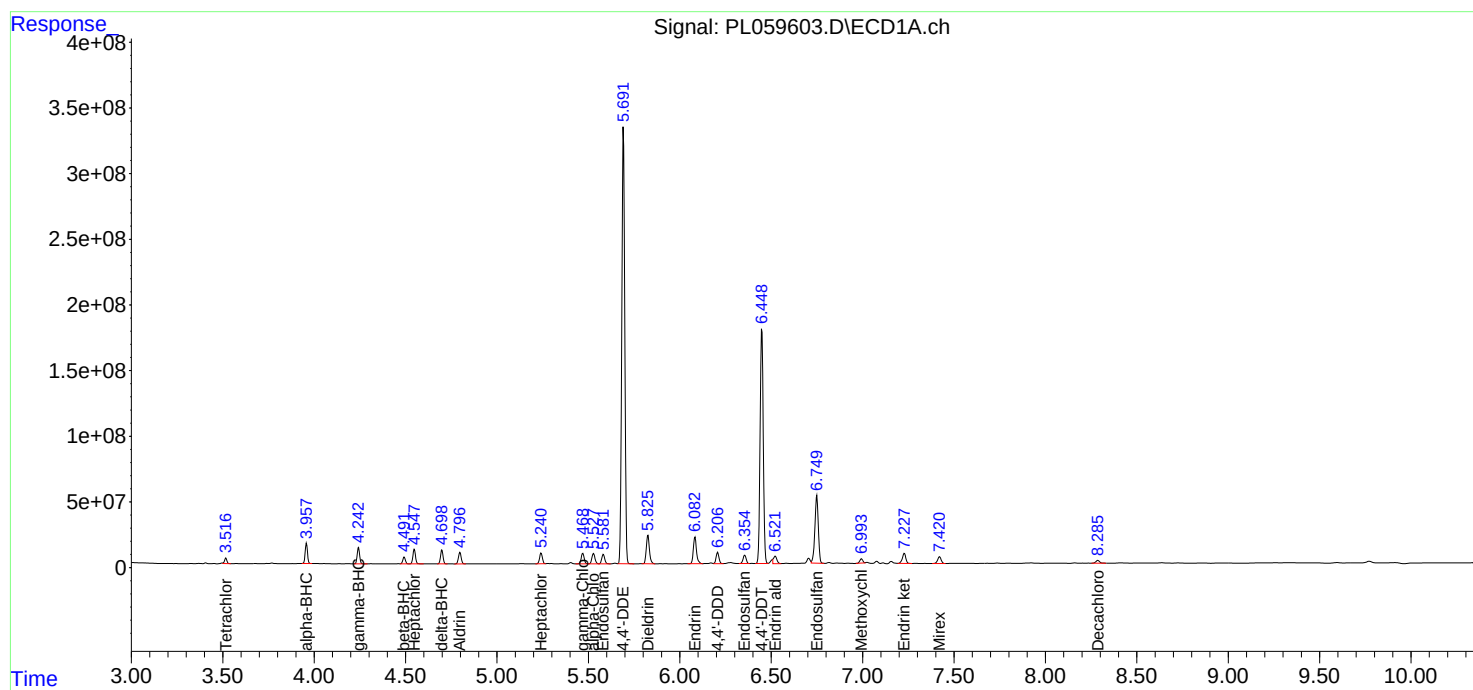
Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP1-BMS

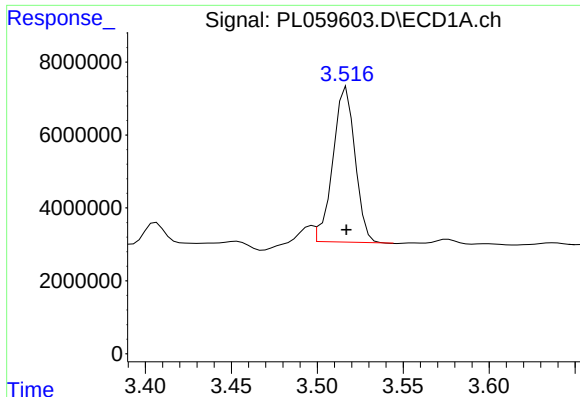
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:35:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 2020  
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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





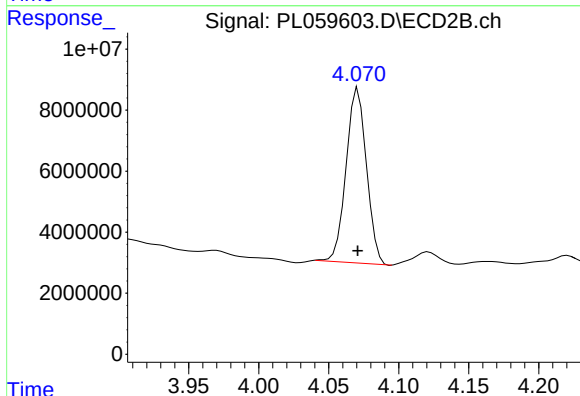
#1 Tetrachloro-m-xylene

R.T.: 3.516 min  
Delta R.T.: -0.001 min  
Response: 37875038  
Conc: 21.09 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

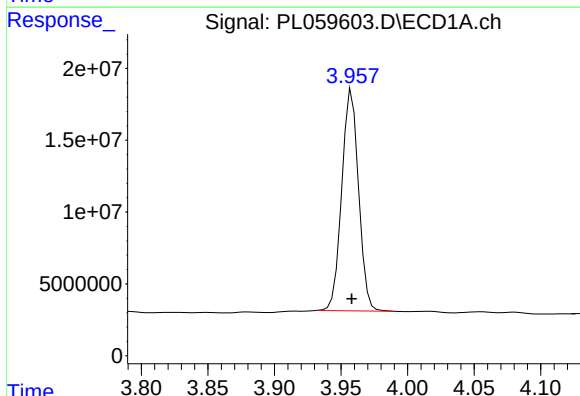
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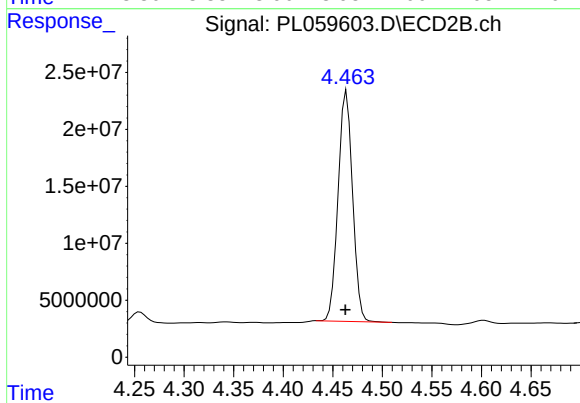
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 58067791  
Conc: 21.83 ng/ml



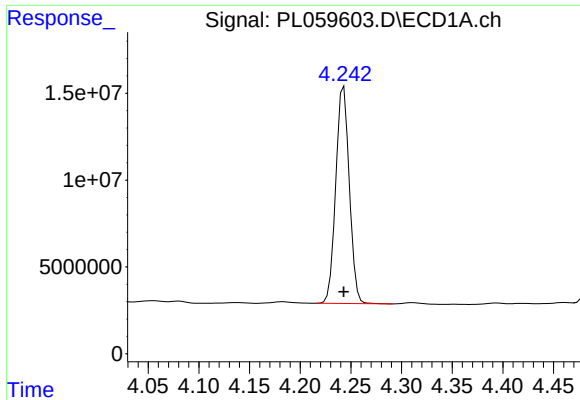
#2 alpha-BHC

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 135444354  
Conc: 52.66 ng/ml



#2 alpha-BHC

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 205346743  
Conc: 52.73 ng/ml



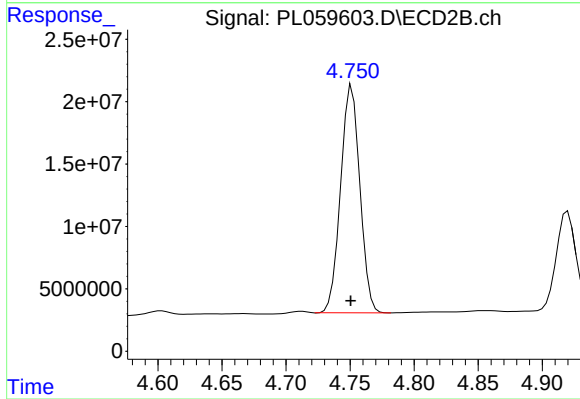
#3 gamma-BHC (Lindane)

R.T.: 4.243 min  
Delta R.T.: 0.000 min  
Response: 116525087  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

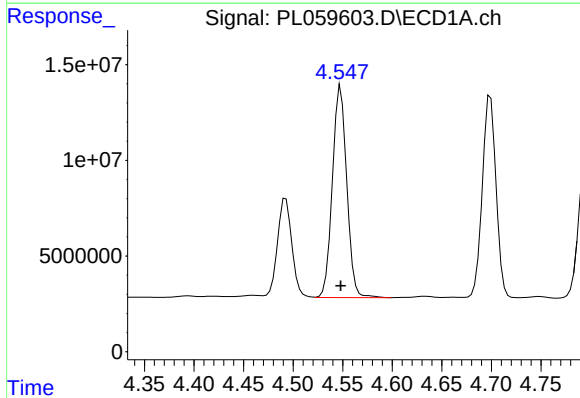
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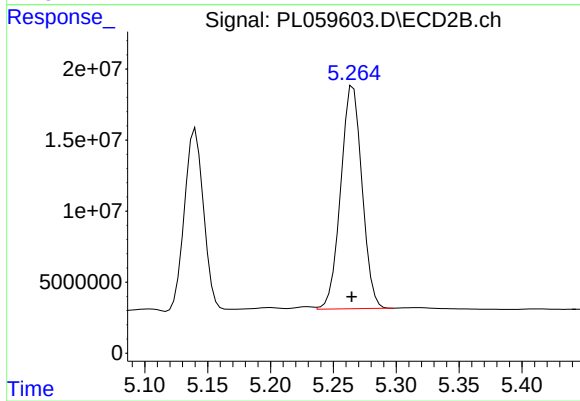
#3 gamma-BHC (Lindane)

R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 190622374  
Conc: 52.13 ng/ml



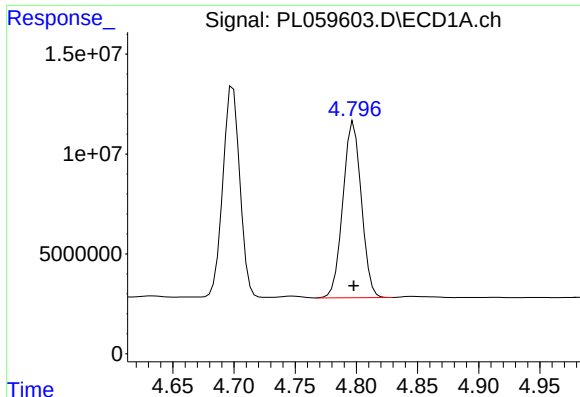
#4 Heptachlor

R.T.: 4.548 min  
Delta R.T.: 0.000 min  
Response: 111464588  
Conc: 53.36 ng/ml



#4 Heptachlor

R.T.: 5.266 min  
Delta R.T.: 0.001 min  
Response: 184863304  
Conc: 52.76 ng/ml



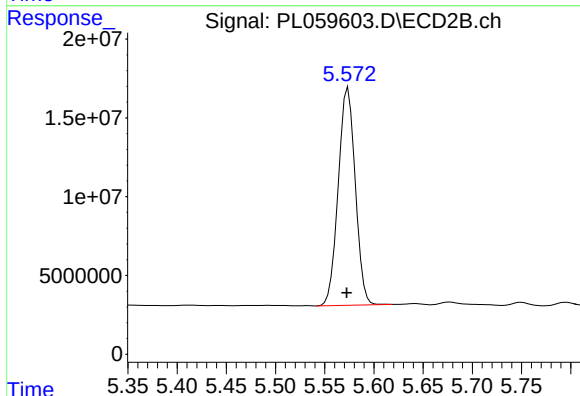
#5 Aldrin

R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 92536486  
Conc: 54.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

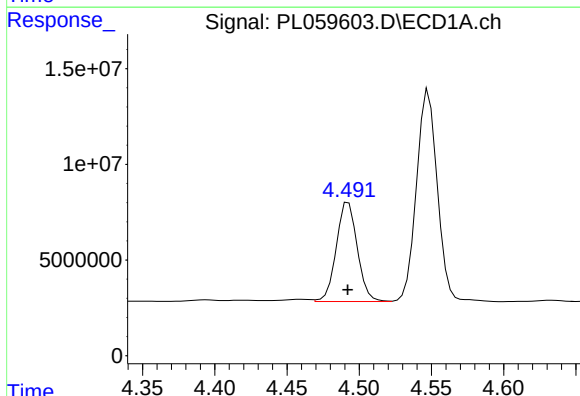
Manual Integrations  
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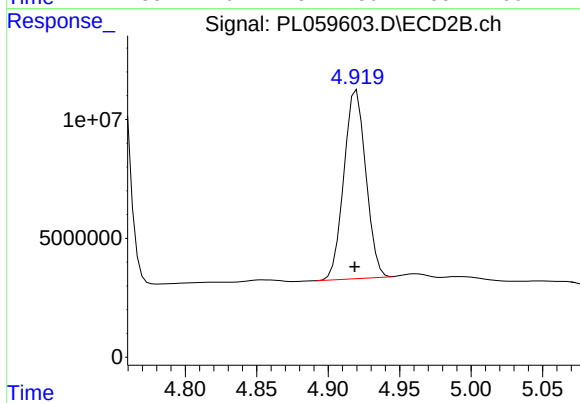
#5 Aldrin

R.T.: 5.574 min  
Delta R.T.: 0.001 min  
Response: 166202165  
Conc: 52.56 ng/ml



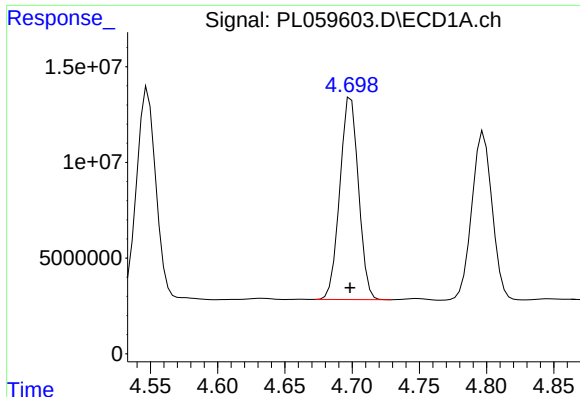
#6 beta-BHC

R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 52486112  
Conc: 55.94 ng/ml



#6 beta-BHC

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 84856645  
Conc: 55.11 ng/ml m



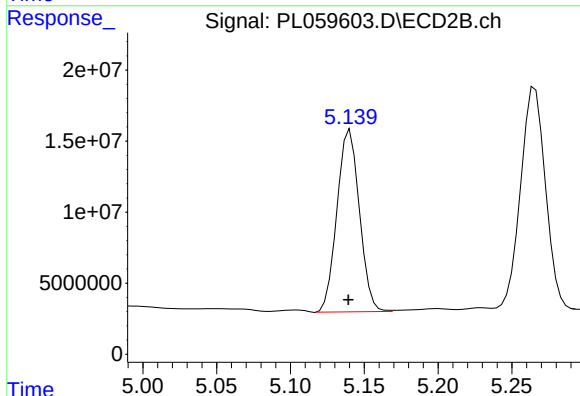
#7 delta-BHC

R.T.: 4.699 min  
Delta R.T.: 0.000 min  
Response: 101704897  
Conc: 52.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

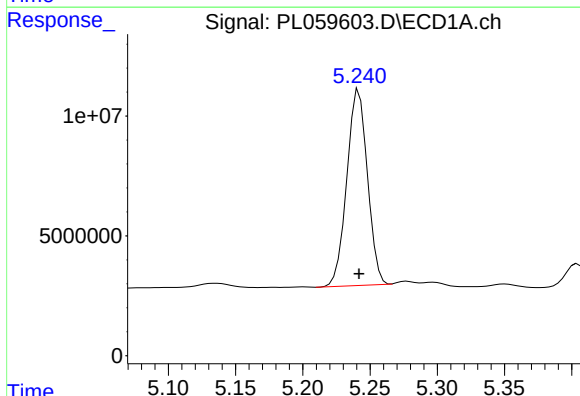
Manual Integrations  
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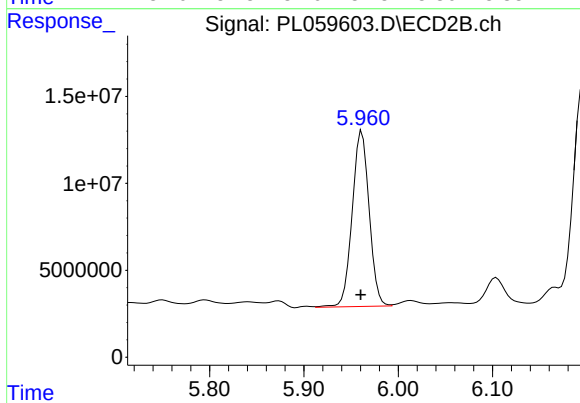
#7 delta-BHC

R.T.: 5.140 min  
Delta R.T.: 0.001 min  
Response: 135610710  
Conc: 46.36 ng/ml



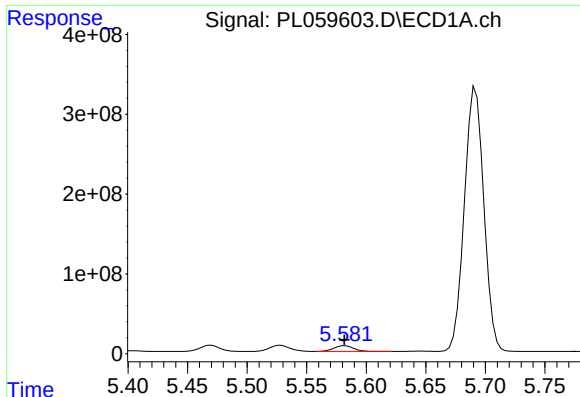
#8 Heptachlor epoxide

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 87092546  
Conc: 53.72 ng/ml



#8 Heptachlor epoxide

R.T.: 5.962 min  
Delta R.T.: 0.001 min  
Response: 126154585  
Conc: 51.91 ng/ml



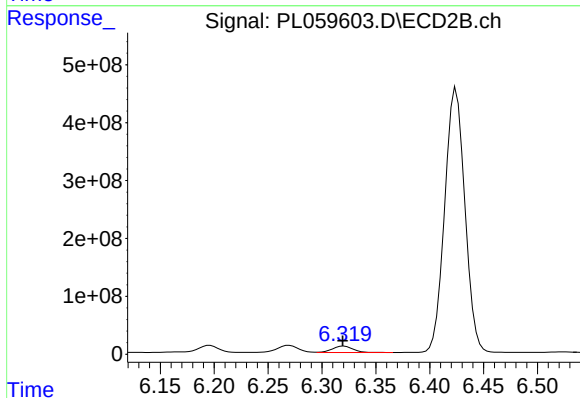
#9 Endosulfan I

R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 82028869  
Conc: 53.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

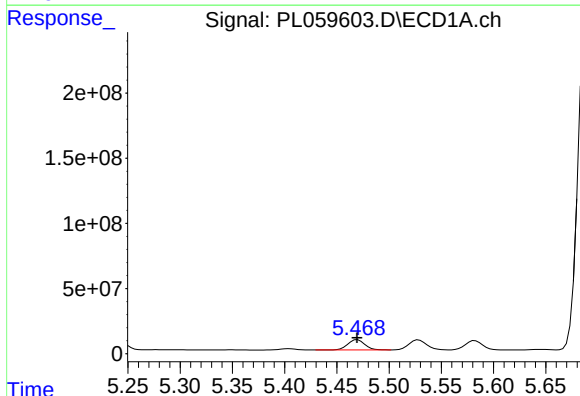
Manual Integrations  
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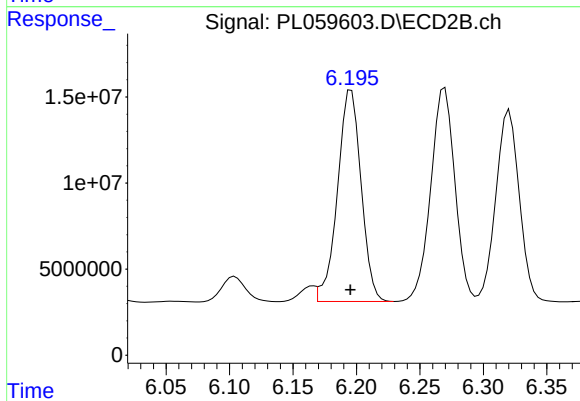
#9 Endosulfan I

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 143364534  
Conc: 53.13 ng/ml



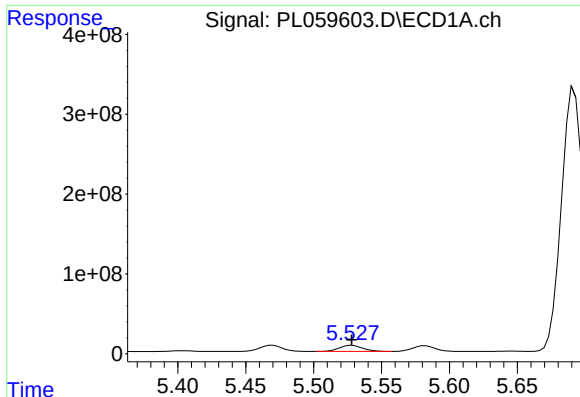
#10 gamma-Chlordane

R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 89820140  
Conc: 54.90 ng/ml



#10 gamma-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 158841864  
Conc: 53.87 ng/ml m



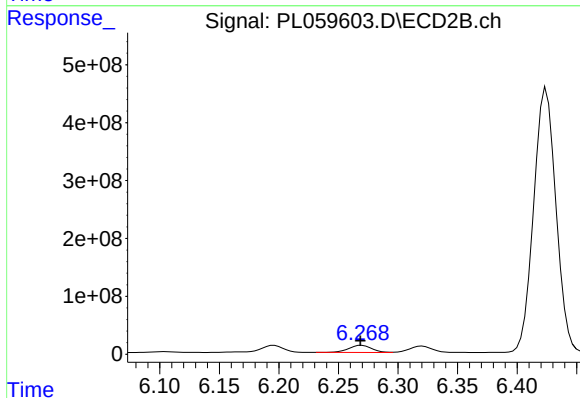
#11 alpha-Chlordane

R.T.: 5.528 min  
Delta R.T.: 0.000 min  
Response: 91953502  
Conc: 56.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

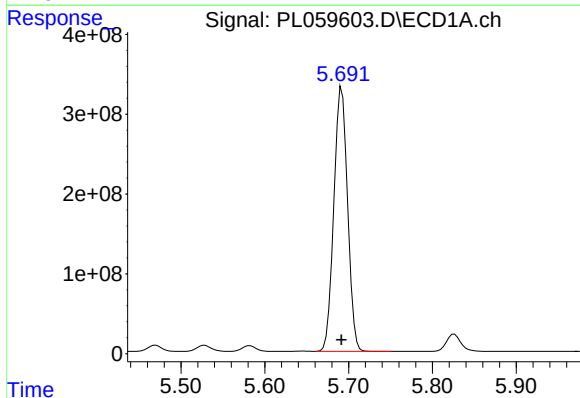
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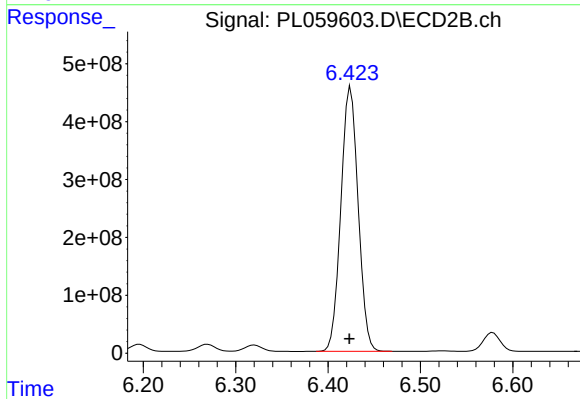
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: 0.001 min  
Response: 164693975  
Conc: 55.68 ng/ml



#12 4,4'-DDE

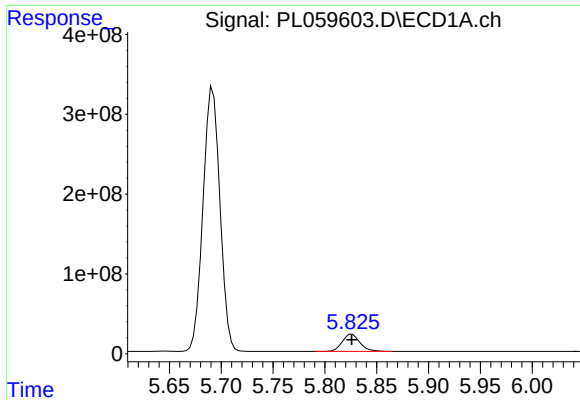
R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 3761562305  
Conc: 2509.21 ng/ml



#12 4,4'-DDE

R.T.: 6.424 min  
Delta R.T.: 0.001 min  
Response: 5936227577  
Conc: 2225.15 ng/ml





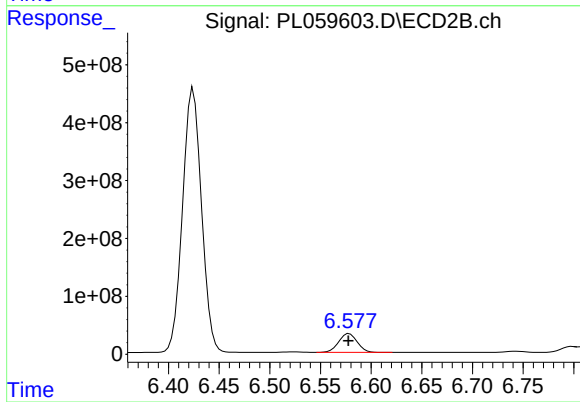
#13 Dieldrin

R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 255943647  
Conc: 160.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

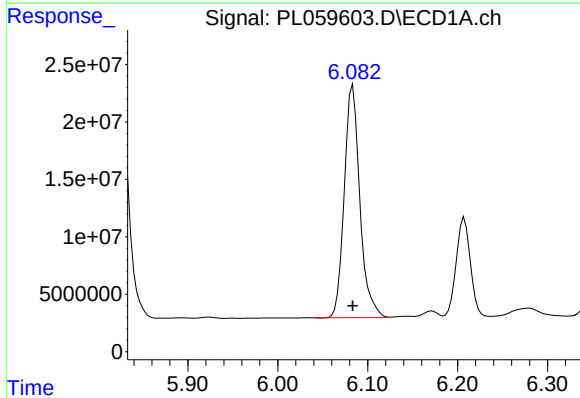
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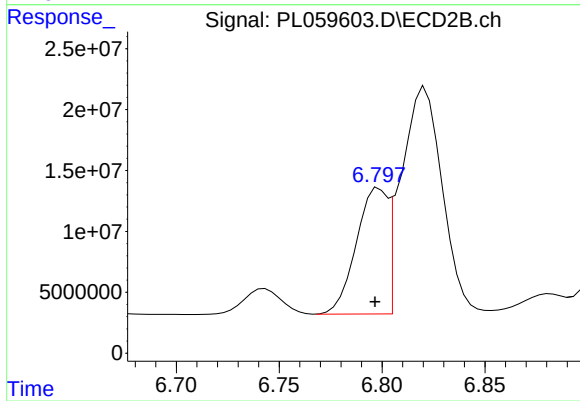
#13 Dieldrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 414920507  
Conc: 147.24 ng/ml



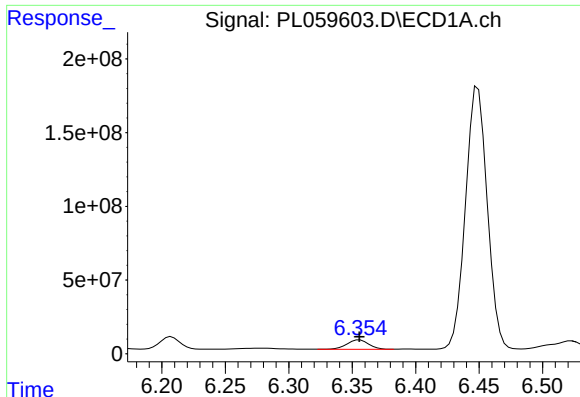
#14 Endrin

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 244003406  
Conc: 165.02 ng/ml



#14 Endrin

R.T.: 6.799 min  
Delta R.T.: 0.002 min  
Response: 108302001  
Conc: 44.04 ng/ml



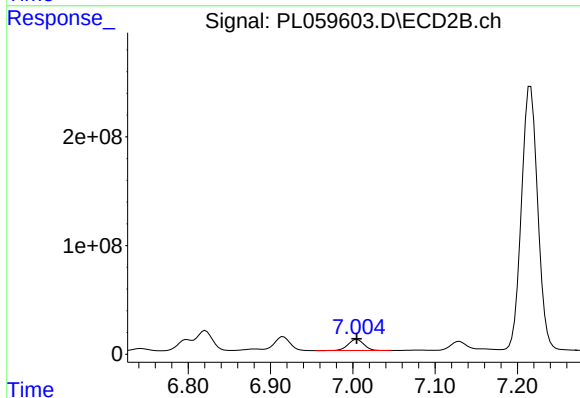
#15 Endosulfan II

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 76310809  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

Manual Integrations  
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#15 Endosulfan II

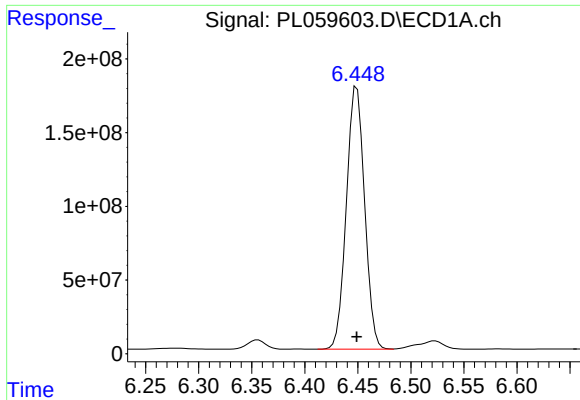
R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 137276066  
Conc: 53.44 ng/ml

#16 4,4'-DDD

R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 95207750  
Conc: 71.33 ng/ml

#16 4,4'-DDD

R.T.: 6.916 min  
Delta R.T.: 0.001 min  
Response: 171403042  
Conc: 71.98 ng/ml



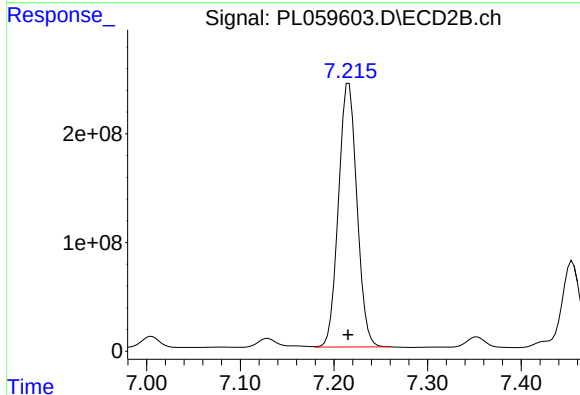
#17 4,4'-DDT

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 2128252100  
Conc: 1676.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

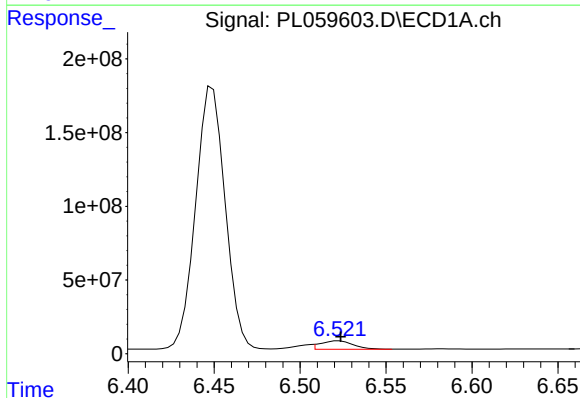
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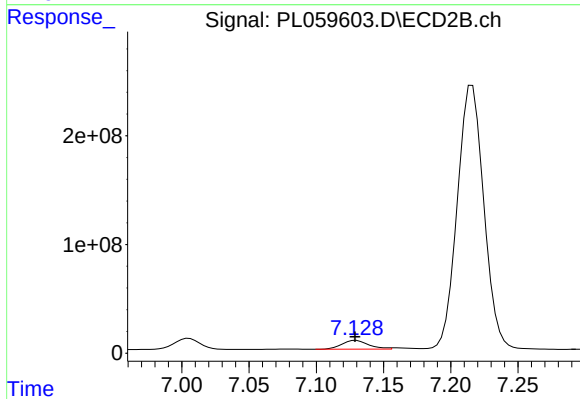
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.001 min  
Response: 3332412589  
Conc: 1473.49 ng/ml



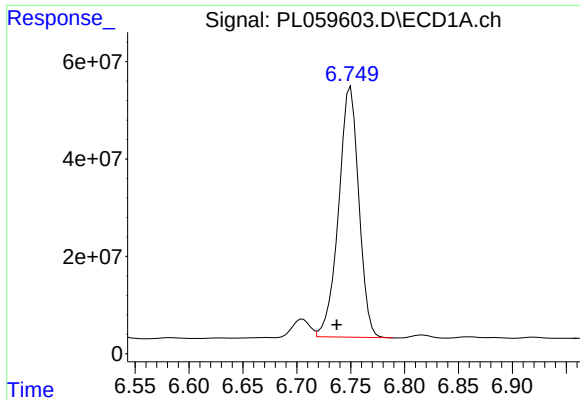
#18 Endrin aldehyde

R.T.: 6.521 min  
Delta R.T.: -0.002 min  
Response: 74035228  
Conc: 58.66 ng/ml m



#18 Endrin aldehyde

R.T.: 7.129 min  
Delta R.T.: 0.000 min  
Response: 114019169  
Conc: 51.45 ng/ml



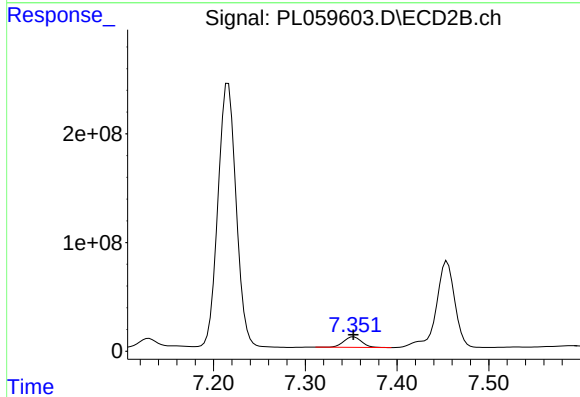
#19 Endosulfan Sulfate

R.T.: 6.749 min  
Delta R.T.: 0.012 min  
Response: 670418900  
Conc: 466.99 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

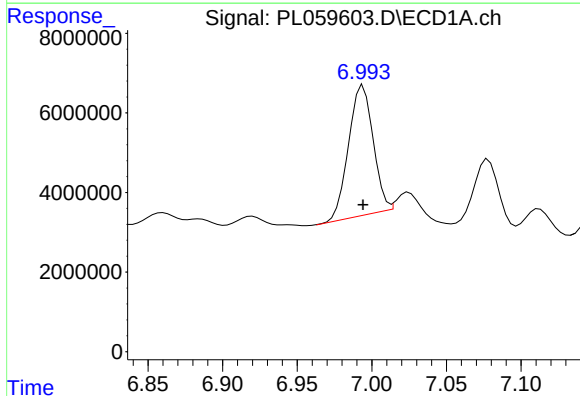
Manual Integrations  
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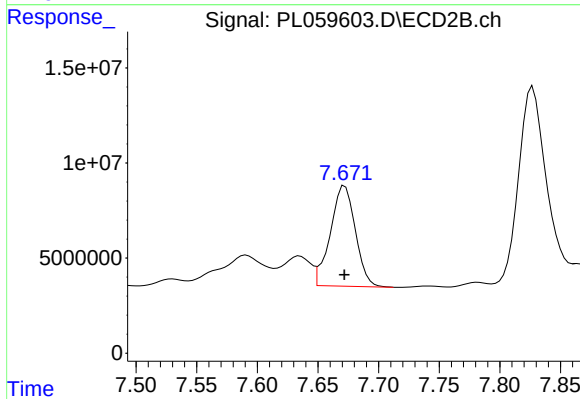
#19 Endosulfan Sulfate

R.T.: 7.353 min  
Delta R.T.: 0.000 min  
Response: 129994383  
Conc: 54.32 ng/ml



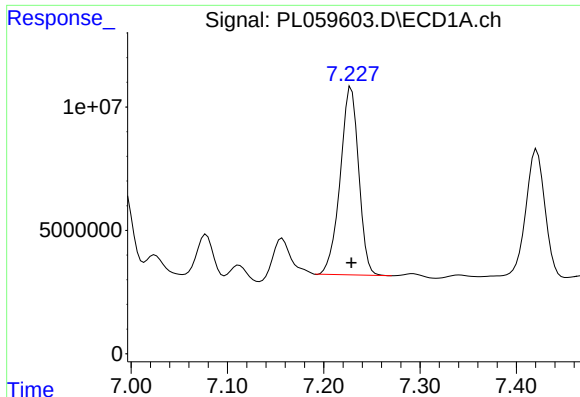
#20 Methoxychlor

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 37373953  
Conc: 48.84 ng/ml



#20 Methoxychlor

R.T.: 7.671 min  
Delta R.T.: -0.001 min  
Response: 75118416  
Conc: 58.17 ng/ml m



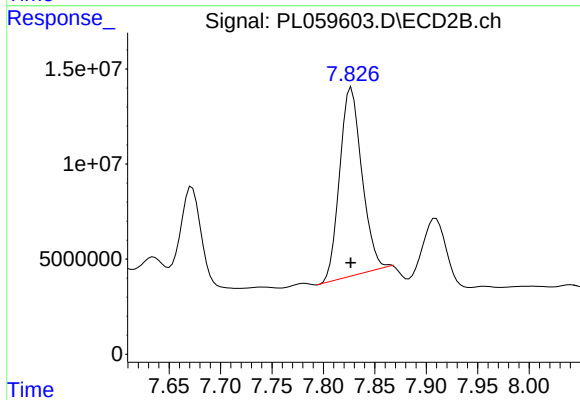
#21 Endrin ketone

R.T.: 7.229 min  
Delta R.T.: 0.000 min  
Response: 101191694  
Conc: 61.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

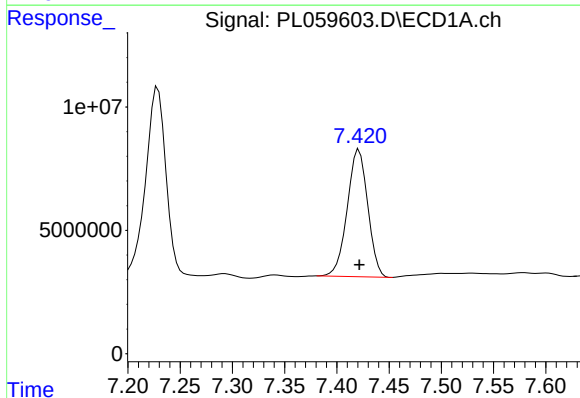
Manual Integrations  
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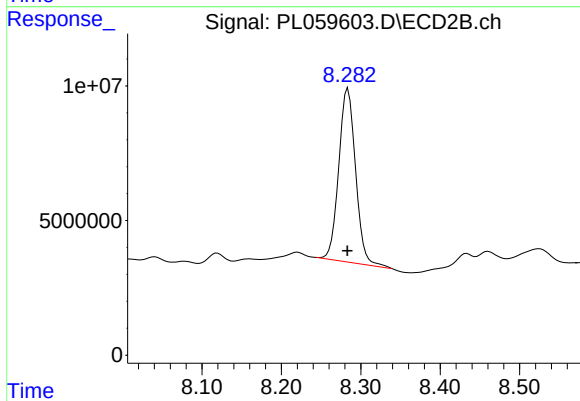
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: 0.000 min  
Response: 149344832  
Conc: 59.27 ng/ml



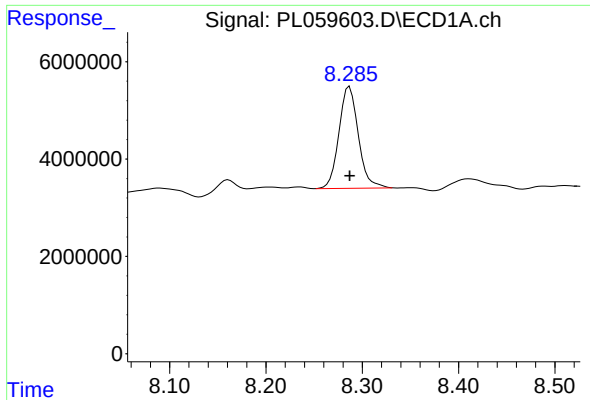
#22 Mirex

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 70612567  
Conc: 54.38 ng/ml



#22 Mirex

R.T.: 8.284 min  
Delta R.T.: 0.000 min  
Response: 94692558  
Conc: 49.58 ng/ml



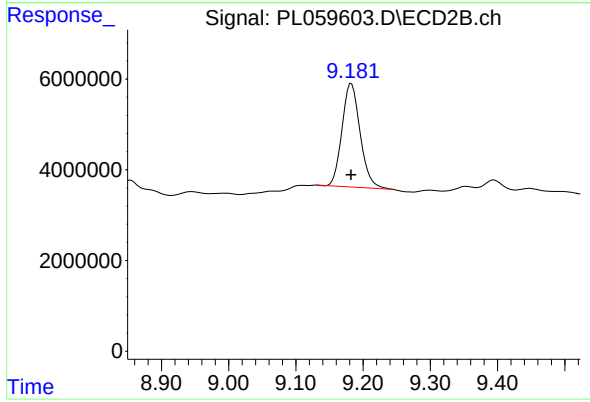
#28 Decachlorobiphenyl

R.T.: 8.287 min  
Delta R.T.: 0.000 min  
Response: 29216128  
Conc: 19.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-BMS

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#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: 0.000 min  
Response: 42655369  
Conc: 19.62 ng/ml