

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021320\  
 Data File : PL056523.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Feb 2020 16:53  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 00:18:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 13 05:32:36 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... | 3.497 | 4.020 | 449.7E6 | 136.6E6  | 50.965  | 50.223  |
| 28)                         | SA Decachlor... | 8.251 | 9.095 | 463.2E6 | 96891626 | 48.353  | 47.501  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.935 | 4.410 | 785.3E6 | 206.7E6  | 51.224  | 50.772  |
| 3)                          | MA gamma-BHC... | 4.220 | 4.694 | 745.1E6 | 191.1E6  | 52.811  | 50.271  |
| 4)                          | MA Heptachlor   | 4.521 | 5.200 | 720.5E6 | 164.3E6  | 49.502  | 48.867m |
| 5)                          | MB Aldrin       | 4.769 | 5.507 | 724.0E6 | 161.8E6  | 50.803  | 49.885  |
| 6)                          | B beta-BHC      | 4.470 | 4.866 | 295.6E6 | 77582308 | 51.804  | 53.590  |
| 7)                          | B delta-BHC     | 4.675 | 5.084 | 738.8E6 | 168.6E6  | 52.781  | 57.237  |
| 8)                          | B Heptachlor... | 5.212 | 5.894 | 665.2E6 | 148.3E6  | 49.693  | 52.999  |
| 9)                          | A Endosulfan I  | 5.552 | 6.251 | 618.8E6 | 135.5E6  | 49.315  | 48.725  |
| 10)                         | B gamma-Chl...  | 5.439 | 6.128 | 672.6E6 | 145.4E6  | 48.898  | 49.718  |
| 11)                         | B alpha-Chl...  | 5.498 | 6.201 | 659.1E6 | 143.8E6  | 48.393  | 48.950  |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.359 | 641.9E6 | 137.5E6  | 50.479  | 49.063  |
| 13)                         | MA Dieldrin     | 5.795 | 6.509 | 679.3E6 | 141.9E6  | 50.921  | 48.749  |
| 14)                         | MA Endrin       | 6.052 | 6.728 | 604.6E6 | 119.7E6  | 51.622m | 49.141  |
| 15)                         | B Endosulfa...  | 6.326 | 6.939 | 562.2E6 | 122.2E6  | 53.411  | 47.995  |
| 16)                         | A 4,4'-DDD      | 6.178 | 6.852 | 497.4E6 | 112.6E6  | 52.562  | 49.785  |
| 17)                         | MA 4,4'-DDT     | 6.418 | 7.150 | 488.1E6 | 102.2E6  | 51.502  | 48.383  |
| 18)                         | B Endrin al...  | 6.494 | 7.063 | 478.1E6 | 102.0E6  | 49.818  | 47.943  |
| 19)                         | B Endosulfa...  | 6.707 | 7.286 | 528.7E6 | 114.2E6  | 49.668  | 48.179  |
| 20)                         | A Methoxychlor  | 6.962 | 7.610 | 243.7E6 | 54744385 | 49.528  | 47.661  |
| 21)                         | B Endrin ke...  | 7.199 | 7.758 | 579.6E6 | 121.7E6  | 48.469  | 48.445  |
| 22)                         | Mirex           | 7.388 | 8.212 | 381.0E6 | 78950627 | 51.346  | 48.886  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021320\  
Data File : PL056523.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Feb 2020 16:53  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

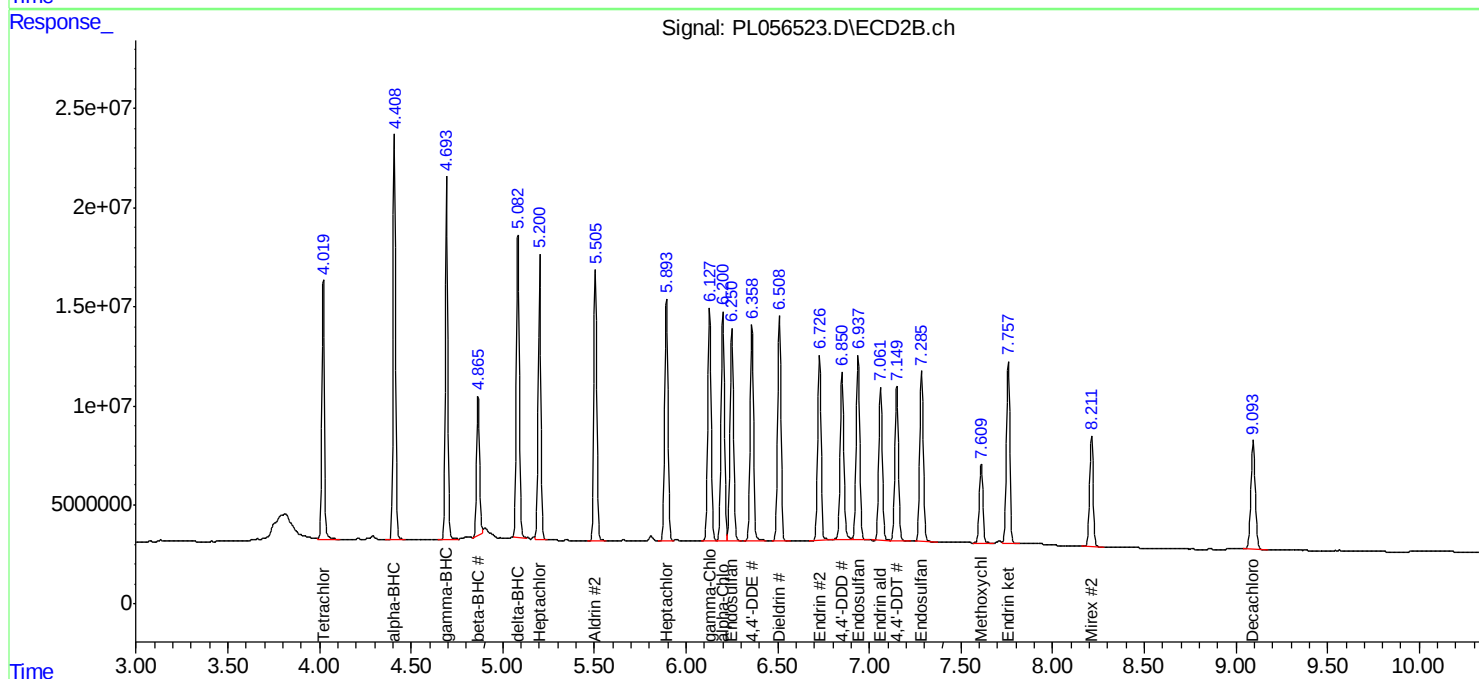
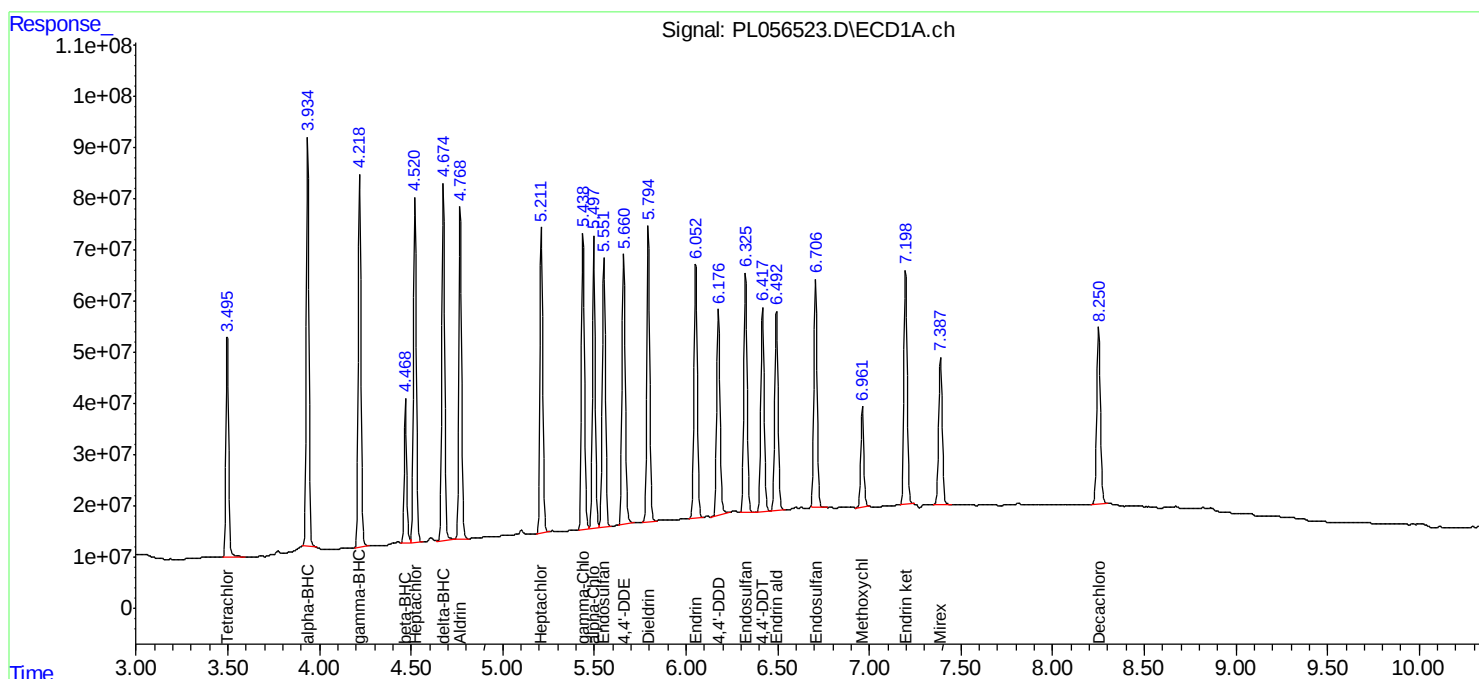
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

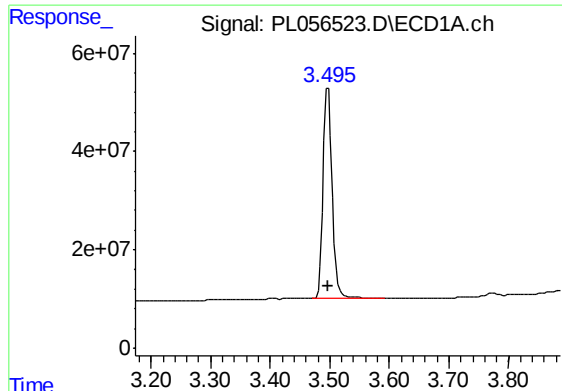
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 00:18:38 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 13 05:32:36 2020  
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





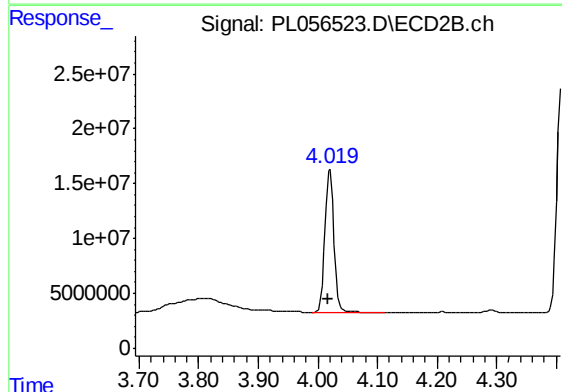
#1 Tetrachloro-m-xylene

R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 449688868  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

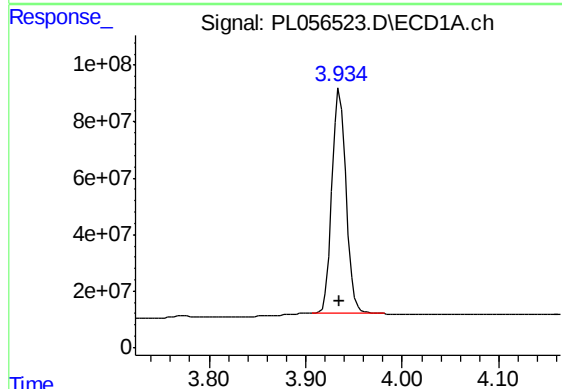
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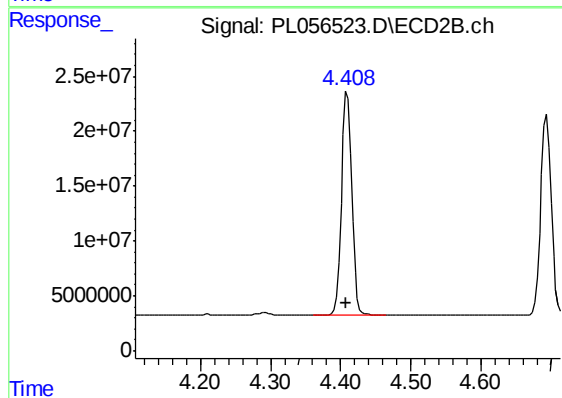
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.002 min  
Response: 136628618  
Conc: 50.22 ng/ml



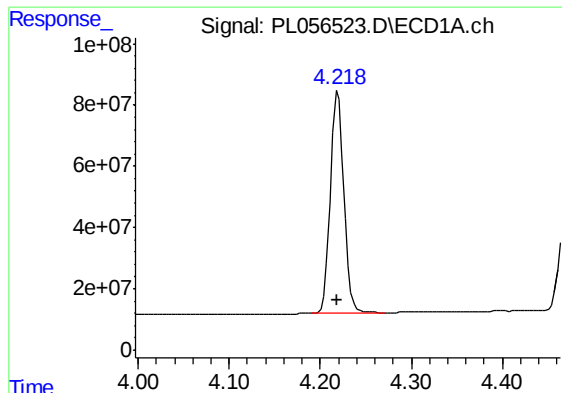
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 785343586  
Conc: 51.22 ng/ml



#2 alpha-BHC

R.T.: 4.410 min  
Delta R.T.: 0.002 min  
Response: 206737317  
Conc: 50.77 ng/ml



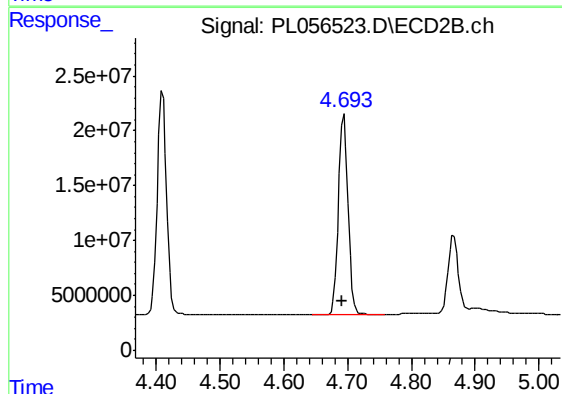
#3 gamma-BHC (Lindane)

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 745118302  
Conc: 52.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

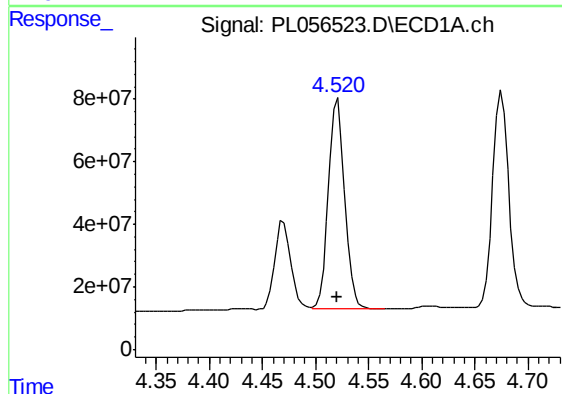
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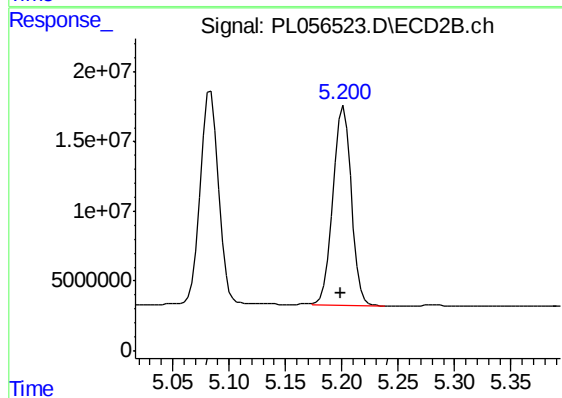
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.003 min  
Response: 191056765  
Conc: 50.27 ng/ml



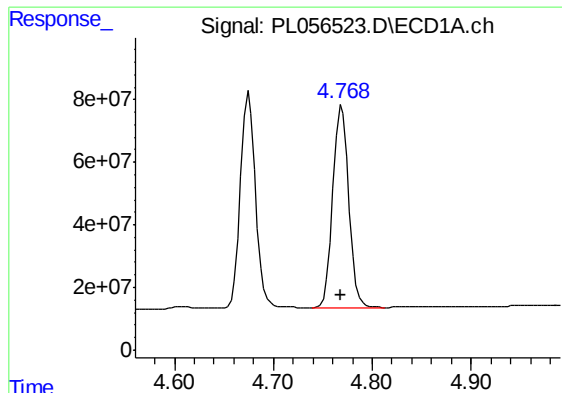
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.001 min  
Response: 720518850  
Conc: 49.50 ng/ml



#4 Heptachlor

R.T.: 5.200 min  
Delta R.T.: 0.001 min  
Response: 164288219  
Conc: 48.87 ng/ml m



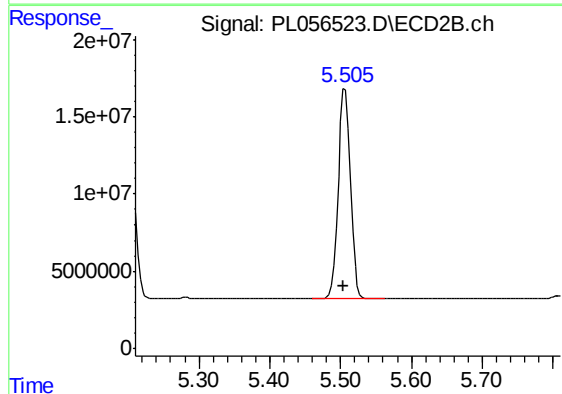
#5 Aldrin

R.T.: 4.769 min  
Delta R.T.: 0.000 min  
Response: 724004127  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

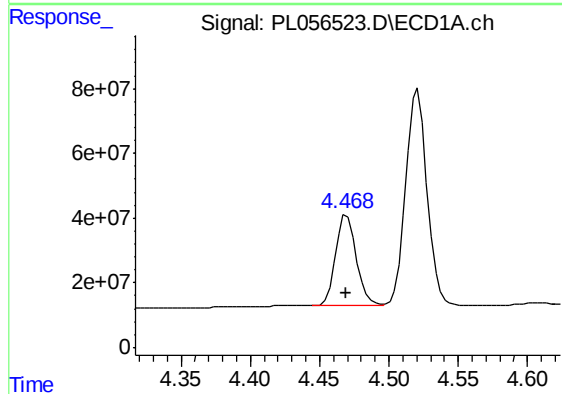
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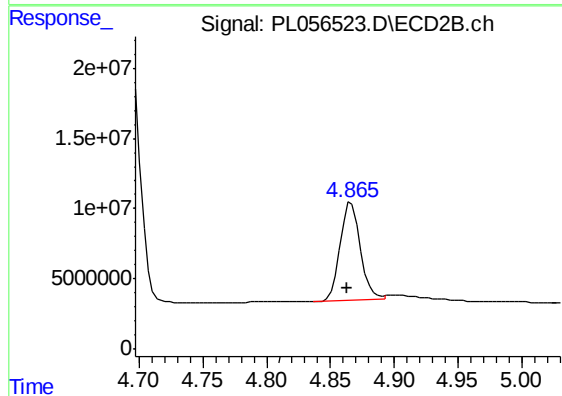
#5 Aldrin

R.T.: 5.507 min  
Delta R.T.: 0.003 min  
Response: 161777239  
Conc: 49.89 ng/ml



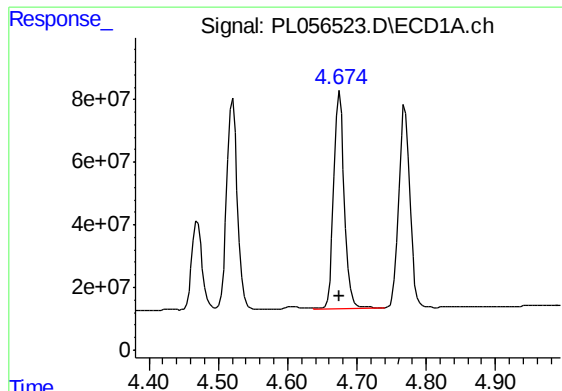
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 295589002  
Conc: 51.80 ng/ml



#6 beta-BHC

R.T.: 4.866 min  
Delta R.T.: 0.003 min  
Response: 77582308  
Conc: 53.59 ng/ml



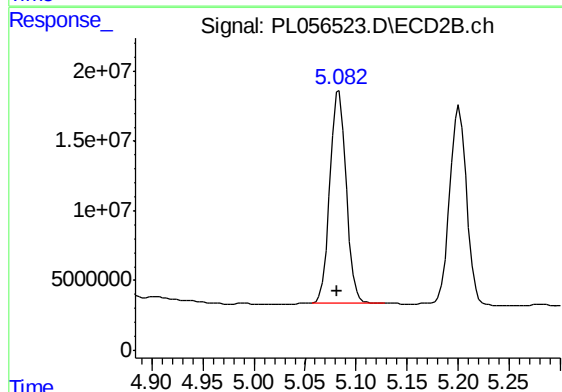
#7 delta-BHC

R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 738817742  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

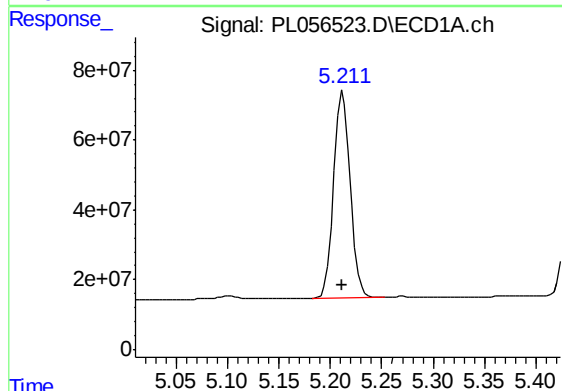
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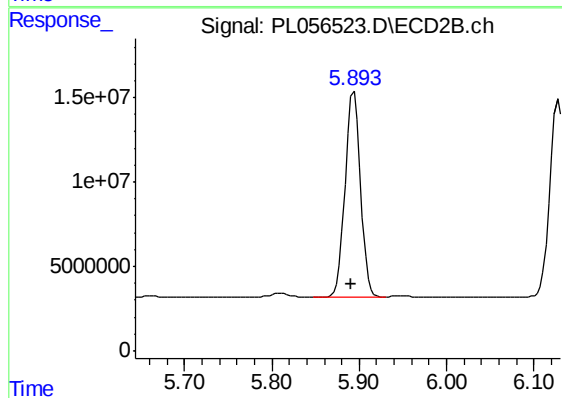
#7 delta-BHC

R.T.: 5.084 min  
Delta R.T.: 0.002 min  
Response: 168631426  
Conc: 57.24 ng/ml



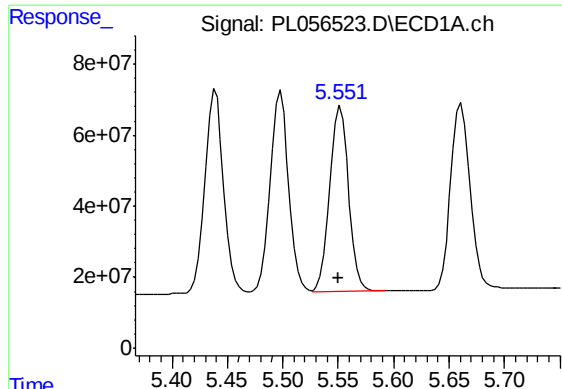
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: 0.001 min  
Response: 665151191  
Conc: 49.69 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min  
Delta R.T.: 0.003 min  
Response: 148264164  
Conc: 53.00 ng/ml



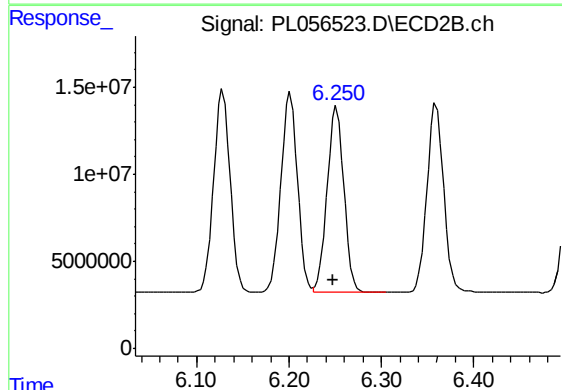
#9 Endosulfan I

R.T.: 5.552 min  
Delta R.T.: 0.001 min  
Response: 618777102  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

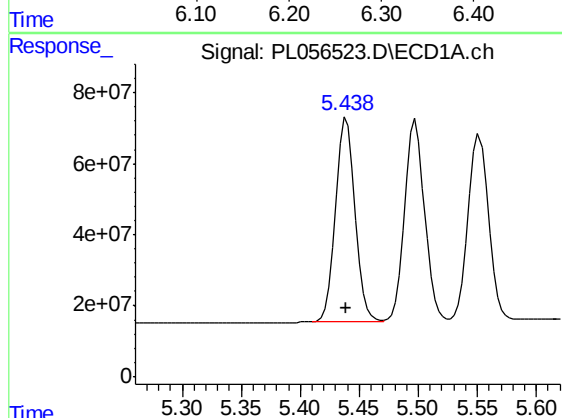
Manual Integrations  
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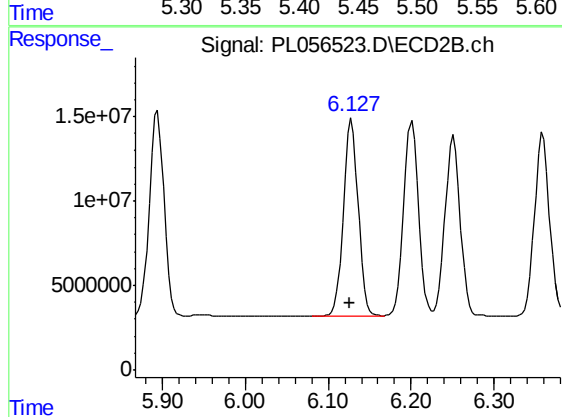
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.003 min  
Response: 135475288  
Conc: 48.73 ng/ml



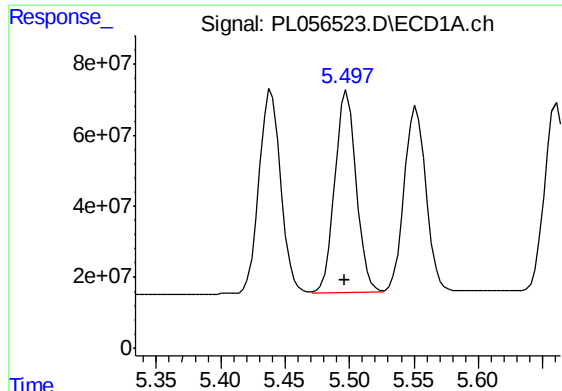
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 672604831  
Conc: 48.90 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min  
Delta R.T.: 0.003 min  
Response: 145421600  
Conc: 49.72 ng/ml



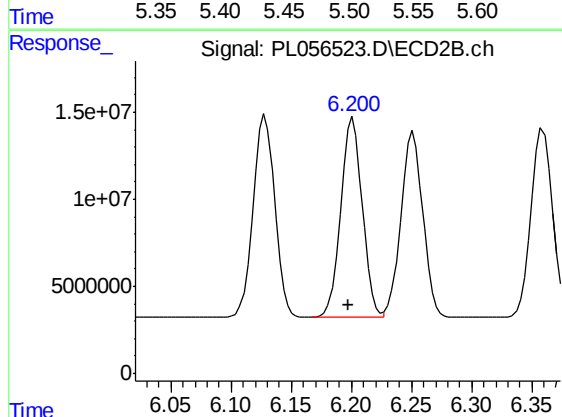
#11 alpha-Chlordane

R.T.: 5.498 min  
Delta R.T.: 0.001 min  
Response: 659129890  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

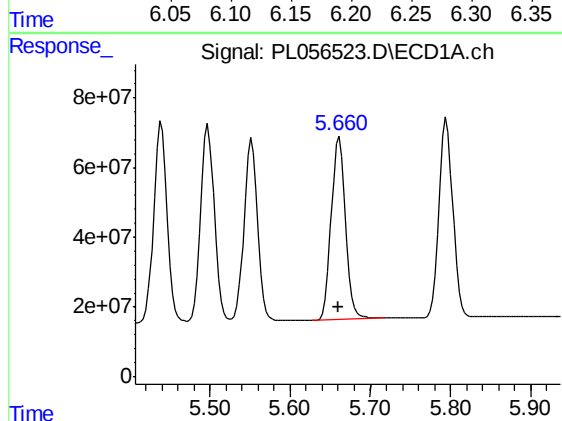
Manual Integrations  
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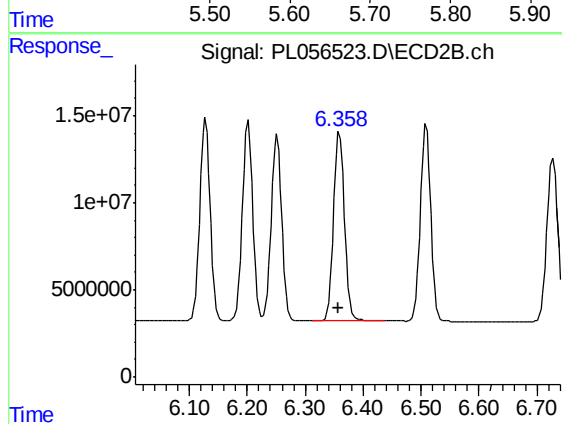
#11 alpha-Chlordane

R.T.: 6.201 min  
Delta R.T.: 0.003 min  
Response: 143780910  
Conc: 48.95 ng/ml



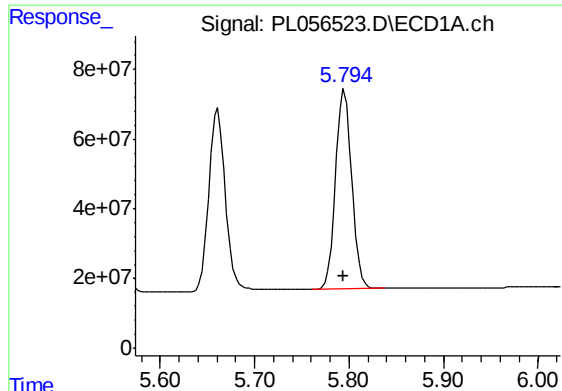
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: 0.001 min  
Response: 641851692  
Conc: 50.48 ng/ml



#12 4,4'-DDE

R.T.: 6.359 min  
Delta R.T.: 0.003 min  
Response: 137478396  
Conc: 49.06 ng/ml



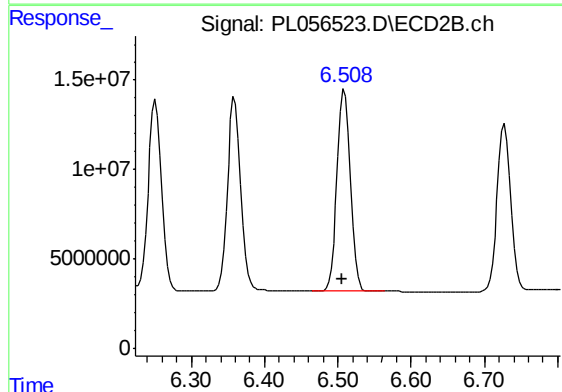
#13 Dieldrin

R.T.: 5.795 min  
Delta R.T.: 0.002 min  
Response: 679268706  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

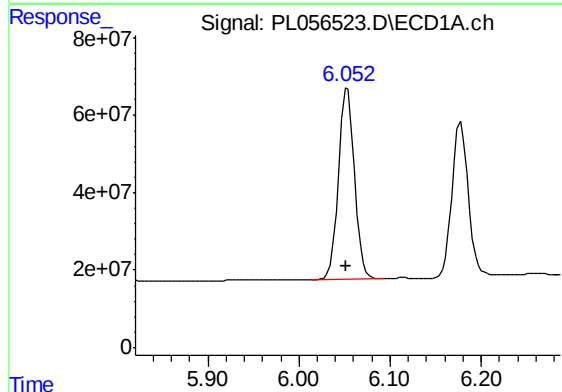
Manual Integrations  
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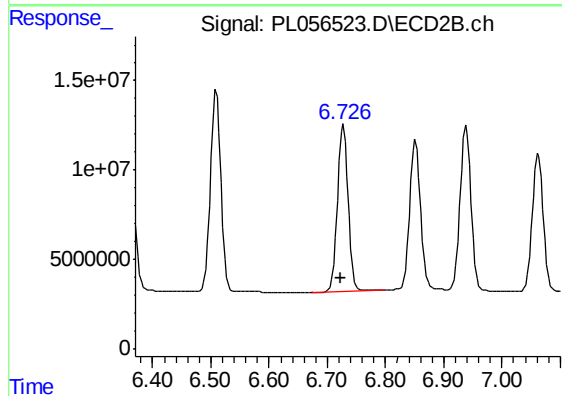
#13 Dieldrin

R.T.: 6.509 min  
Delta R.T.: 0.004 min  
Response: 141876413  
Conc: 48.75 ng/ml



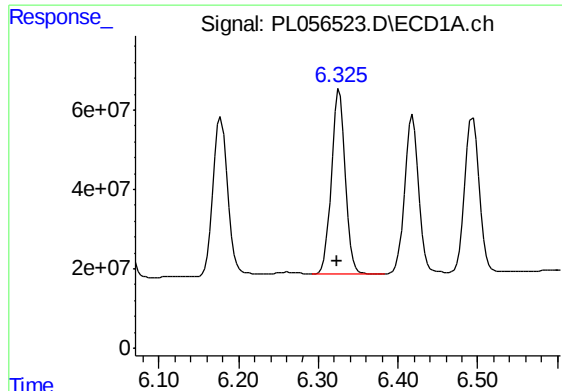
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: 604629536  
Conc: 51.62 ng/ml m



#14 Endrin

R.T.: 6.728 min  
Delta R.T.: 0.004 min  
Response: 119701128  
Conc: 49.14 ng/ml



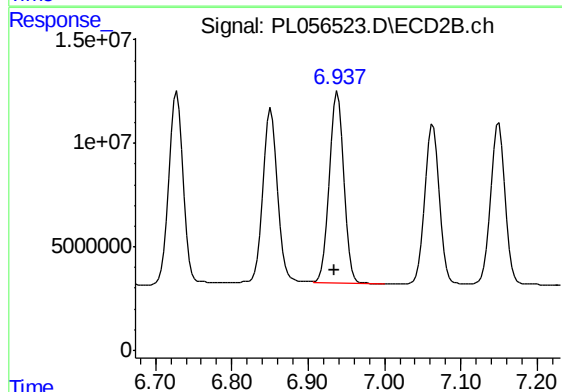
#15 Endosulfan II

R.T.: 6.326 min  
Delta R.T.: 0.002 min  
Response: 562178407  
Conc: 53.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

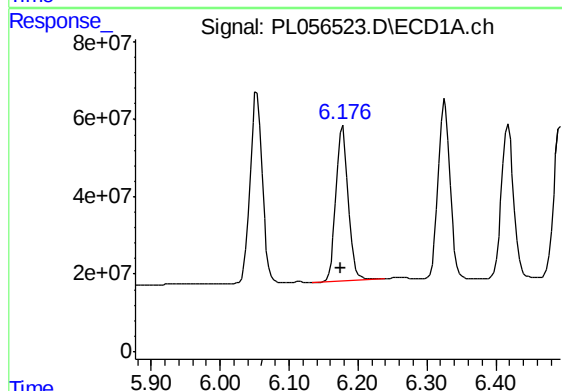
Manual Integrations  
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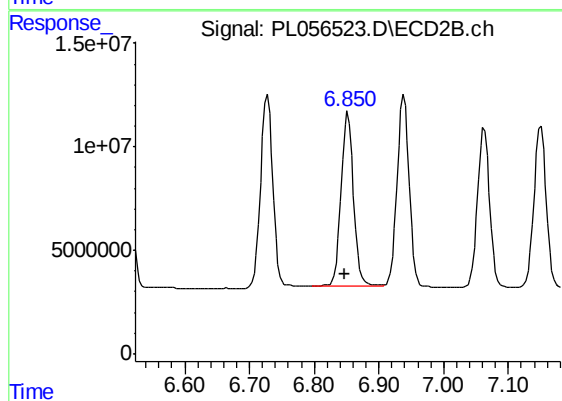
#15 Endosulfan II

R.T.: 6.939 min  
Delta R.T.: 0.004 min  
Response: 122225207  
Conc: 48.00 ng/ml



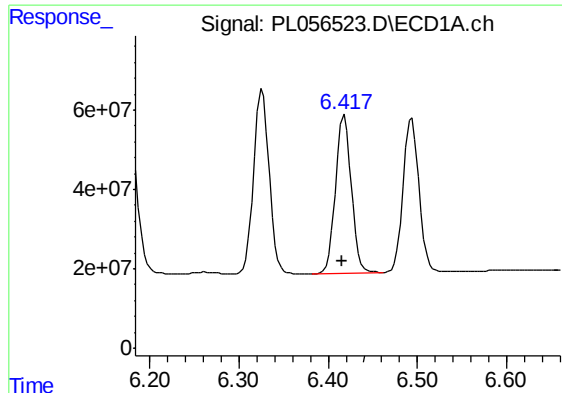
#16 4,4'-DDD

R.T.: 6.178 min  
Delta R.T.: 0.002 min  
Response: 497422808  
Conc: 52.56 ng/ml



#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: 0.004 min  
Response: 112598757  
Conc: 49.79 ng/ml



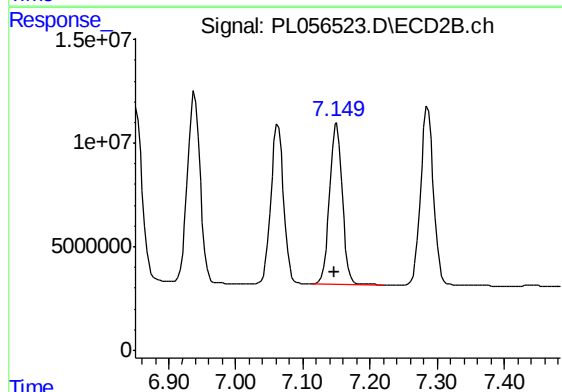
#17 4,4'-DDT

R.T.: 6.418 min  
Delta R.T.: 0.002 min  
Response: 488096818  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

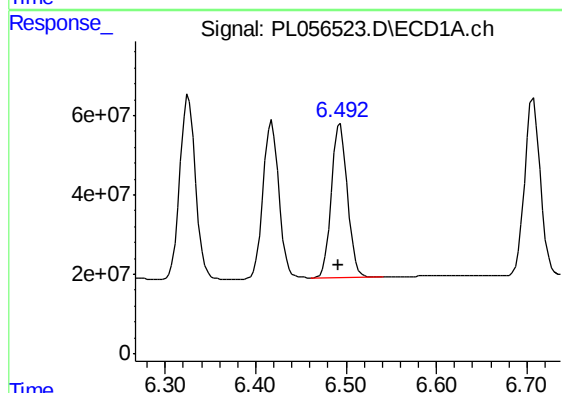
Manual Integrations  
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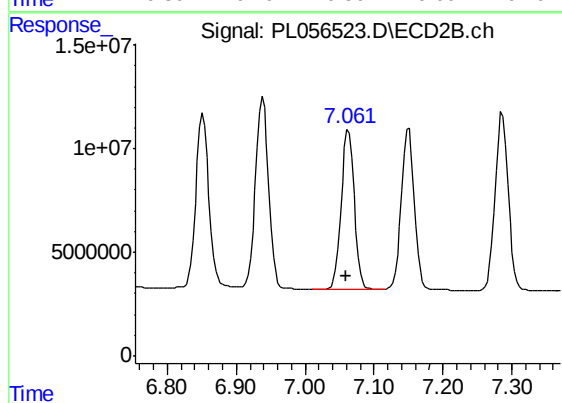
#17 4,4'-DDT

R.T.: 7.150 min  
Delta R.T.: 0.004 min  
Response: 102204567  
Conc: 48.38 ng/ml



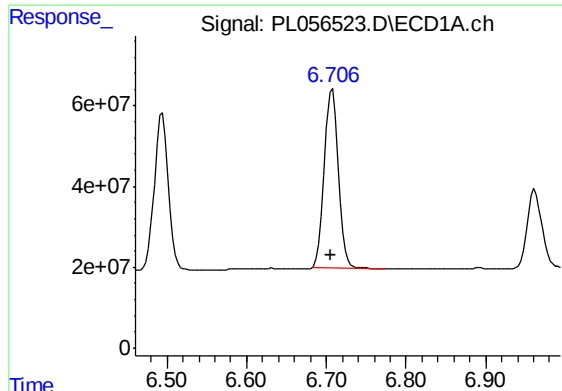
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.002 min  
Response: 478076161  
Conc: 49.82 ng/ml



#18 Endrin aldehyde

R.T.: 7.063 min  
Delta R.T.: 0.004 min  
Response: 102039771  
Conc: 47.94 ng/ml



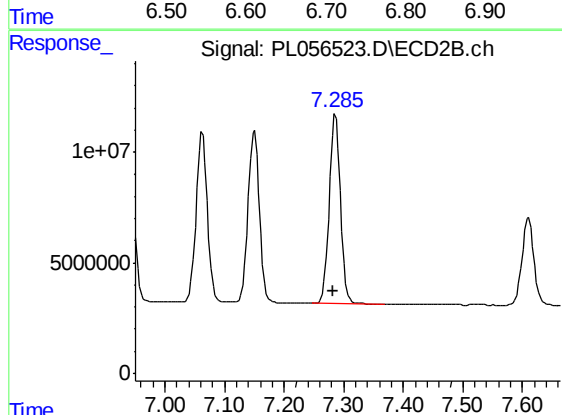
#19 Endosulfan Sulfate

R.T.: 6.707 min  
Delta R.T.: 0.002 min  
Response: 528734314  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

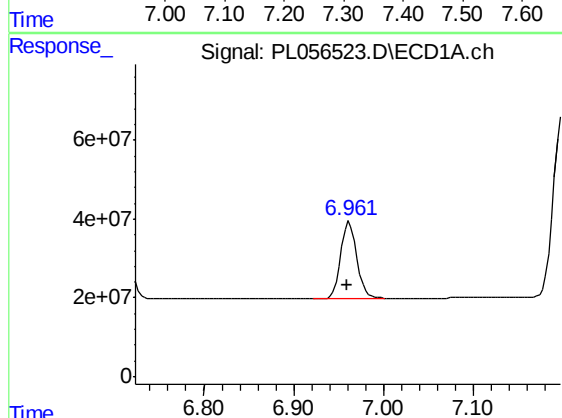
Manual Integrations  
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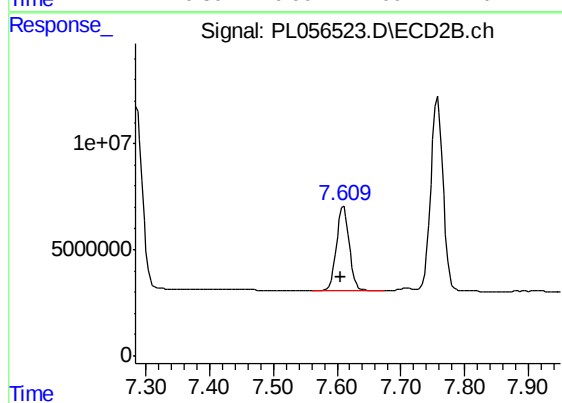
#19 Endosulfan Sulfate

R.T.: 7.286 min  
Delta R.T.: 0.004 min  
Response: 114176551  
Conc: 48.18 ng/ml



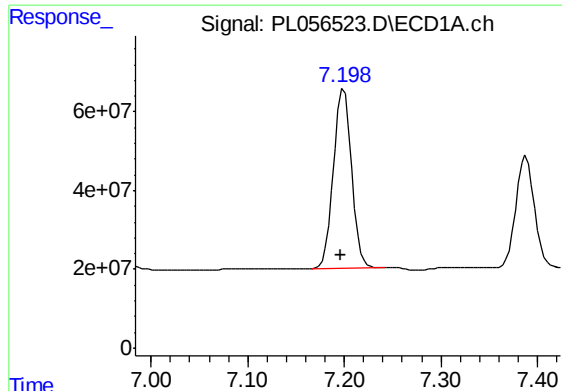
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: 0.002 min  
Response: 243713744  
Conc: 49.53 ng/ml



#20 Methoxychlor

R.T.: 7.610 min  
Delta R.T.: 0.004 min  
Response: 54744385  
Conc: 47.66 ng/ml



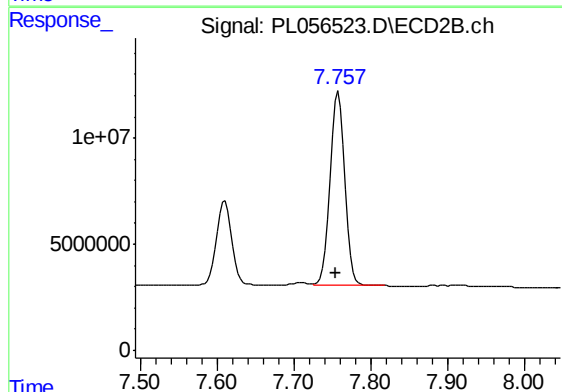
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.003 min  
Response: 579572907  
Conc: 48.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

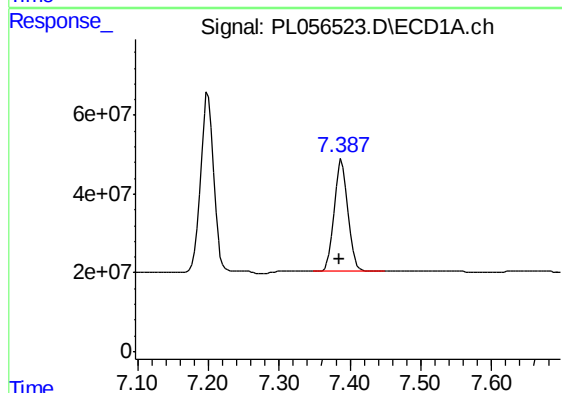
Manual Integrations  
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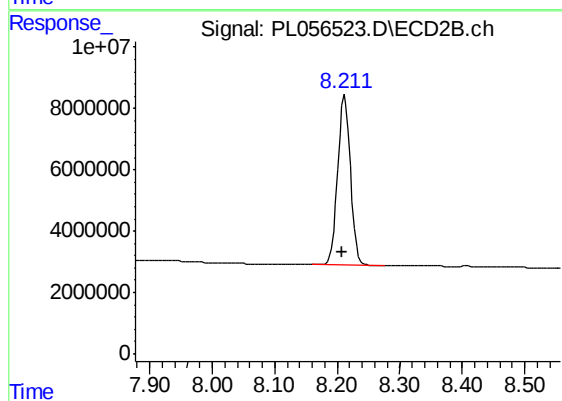
#21 Endrin ketone

R.T.: 7.758 min  
Delta R.T.: 0.004 min  
Response: 121730698  
Conc: 48.45 ng/ml



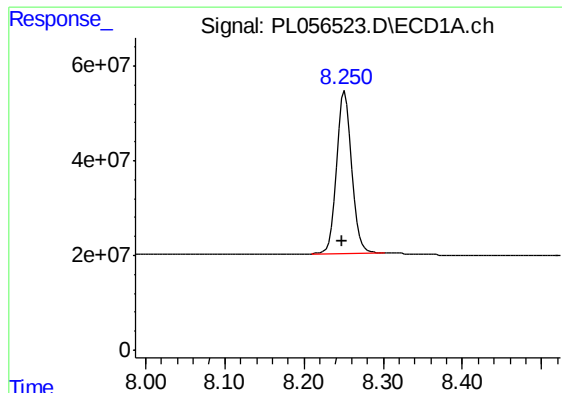
#22 Mirex

R.T.: 7.388 min  
Delta R.T.: 0.002 min  
Response: 381034016  
Conc: 51.35 ng/ml



#22 Mirex

R.T.: 8.212 min  
Delta R.T.: 0.005 min  
Response: 78950627  
Conc: 48.89 ng/ml



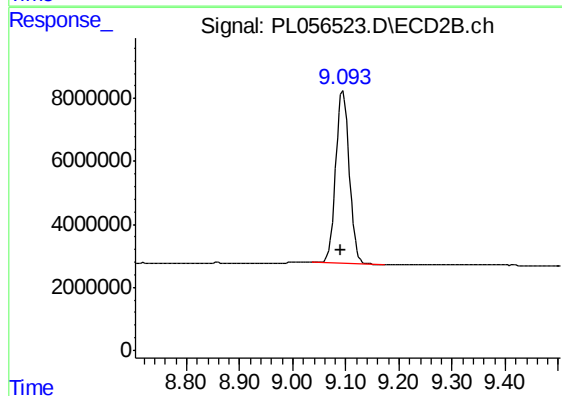
#28 Decachlorobiphenyl

R.T.: 8.251 min  
Delta R.T.: 0.003 min  
Response: 463186680  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.005 min  
Response: 96891626  
Conc: 47.50 ng/ml