

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031321\  
 Data File : PL065282.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2021 00:51  
 Operator : AR\AJ  
 Sample : M1557-09DL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-WPDL

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:43:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031321.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 13 01:11:50 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... | 3.294 | 3.892 | 6595313  | 49053249 | 2.799   | 17.808 # |
| 28)                         | SA Decachlor... | 7.941 | 8.897 | 10224036 | 9843460  | 4.745   | 5.358    |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.719 | 4.277 | 1465.2E6 | 1439.7E6 | 363.346 | 338.870  |
| 3)                          | MA gamma-BHC... | 3.993 | 4.561 | 316.0E6  | 337.3E6  | 85.545  | 87.756   |
| 4)                          | MA Heptachlor   | 4.279 | 5.055 | 605.5E6  | 597.3E6  | 168.608 | 167.001  |
| 5)                          | MB Aldrin       | 4.517 | 5.356 | 849.2E6  | 814.3E6  | 249.594 | 234.761  |
| 6)                          | B beta-BHC      | 4.243 | 4.743 | 104.9E6  | 120.7E6  | 68.701  | 69.141   |
| 8)                          | B Heptachlo...  | 4.950 | 5.745 | 168.9E6  | 171.1E6  | 52.466  | 57.366   |
| 9)                          | A Endosulfan I  | 5.278 | 6.100 | 868.3E6  | 808.3E6  | 309.473 | 290.127  |
| 10)                         | B gamma-Chl...  | 5.171 | 5.979 | 312.1E6  | 309.5E6  | 98.688  | 103.681  |
| 11)                         | B alpha-Chl...  | 5.227 | 6.048 | 177.9E6  | 182.7E6  | 58.726  | 62.776   |
| 12)                         | B 4,4'-DDE      | 5.394 | 6.211 | 576.1E6  | 556.7E6  | 194.658 | 200.680  |
| 13)                         | MA Dieldrin     | 5.515 | 6.358 | 677.1E6  | 643.9E6  | 227.126 | 218.962  |
| 14)                         | MA Endrin       | 5.765 | 6.575 | 357.1E6  | 338.1E6  | 140.963 | 149.452  |
| 15)                         | B Endosulfa...  | 6.038 | 6.792 | 639.7E6  | 577.8E6  | 261.067 | 258.599  |
| 16)                         | A 4,4'-DDD      | 5.901 | 6.705 | 341.9E6  | 346.5E6  | 144.175 | 142.732  |
| 17)                         | MA 4,4'-DDT     | 6.134 | 7.000 | 108.3E6  | 118.8E6  | 55.871  | 58.528   |
| 18)                         | B Endrin al...  | 6.206 | 6.917 | 714.0E6  | 644.8E6  | 351.406 | 357.017  |
| 19)                         | B Endosulfa...  | 6.415 | 7.139 | 278.1E6  | 251.7E6  | 108.958 | 107.223  |
| 20)                         | A Methoxychlor  | 6.681 | 7.464 | 241.0E6  | 229.6E6  | 257.841 | 247.487  |
| 21)                         | B Endrin ke...  | 6.895 | 7.608 | 854.8E6  | 741.2E6  | 300.341 | 283.497m |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031321\  
 Data File : PL065282.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2021 00:51  
 Operator : AR\AJ  
 Sample : M1557-09DL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

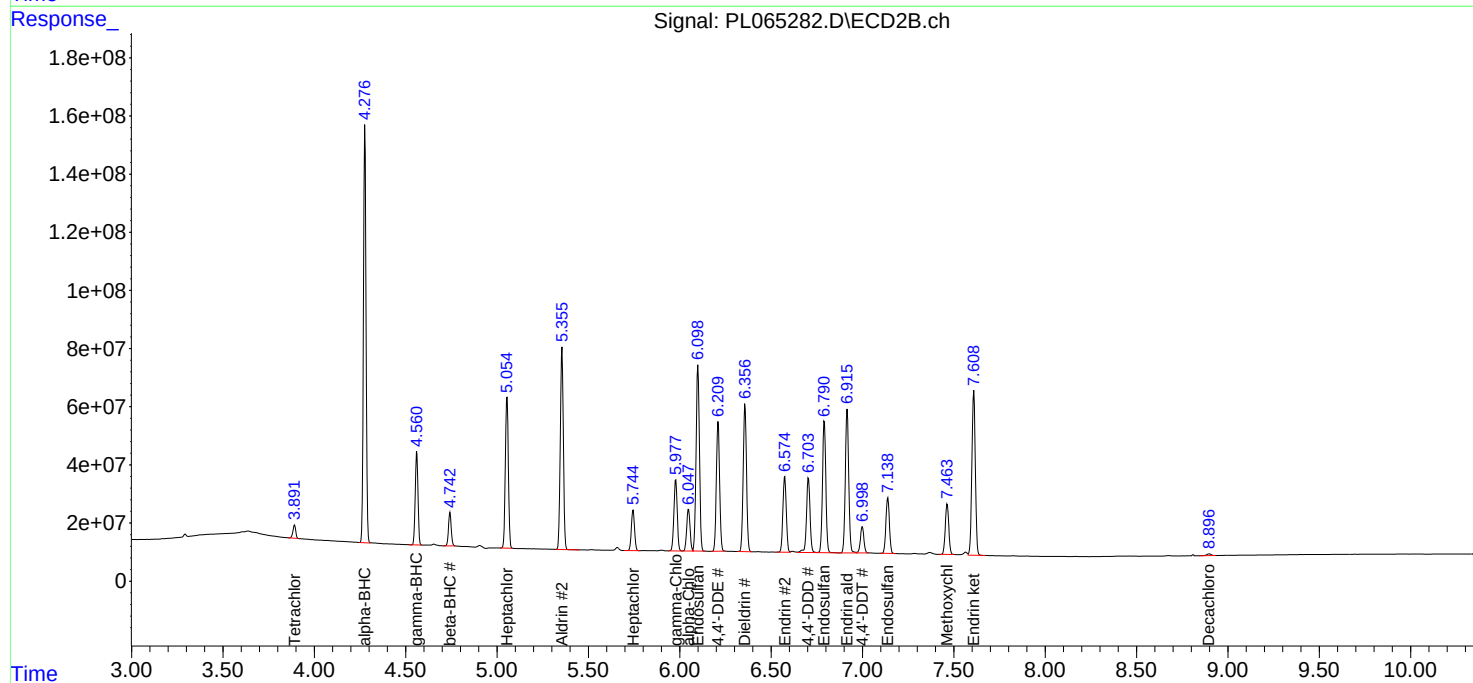
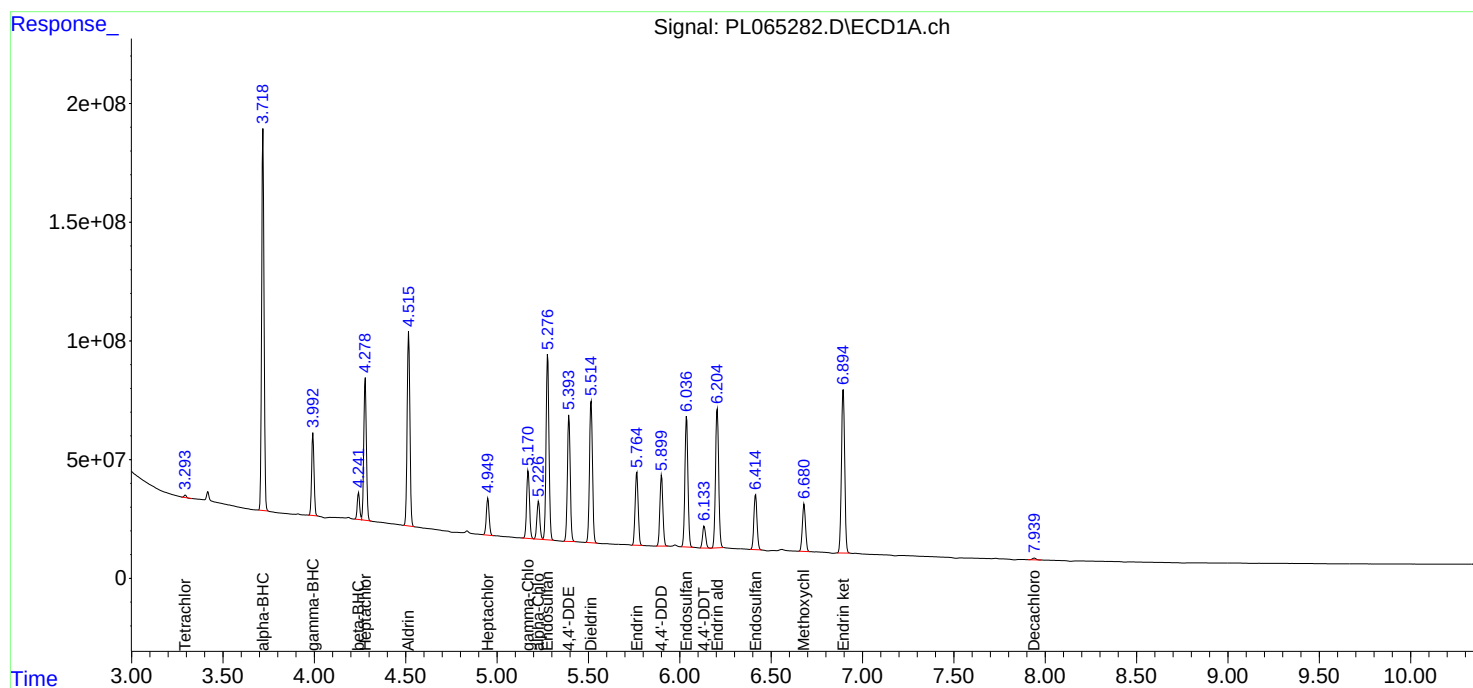
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-WPDL

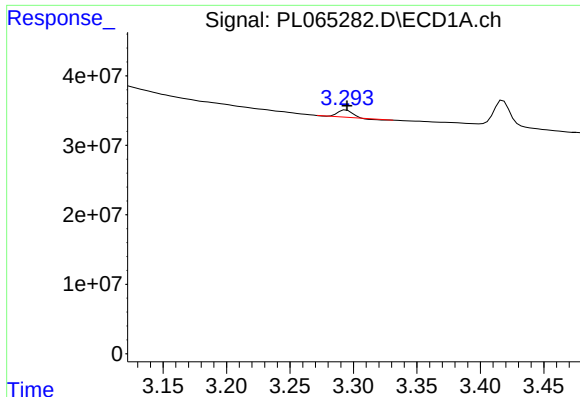
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:43:50 2021  
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Volume Inj. : 1 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





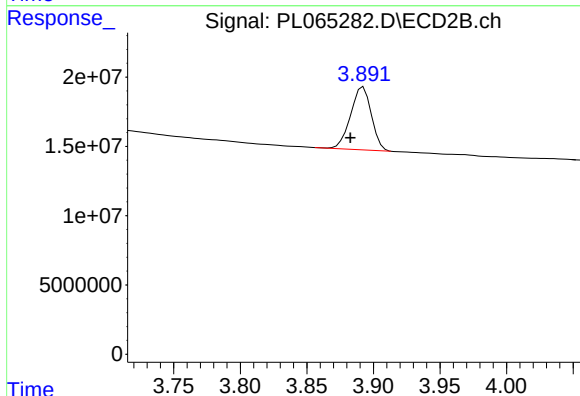
#1 Tetrachloro-m-xylene

R.T.: 3.294 min  
Delta R.T.: 0.000 min  
Response: 6595313  
Conc: 2.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

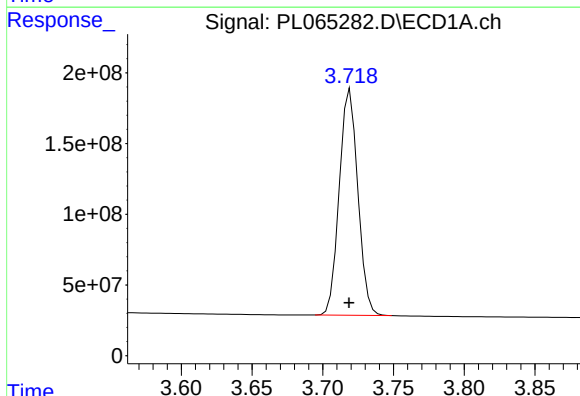
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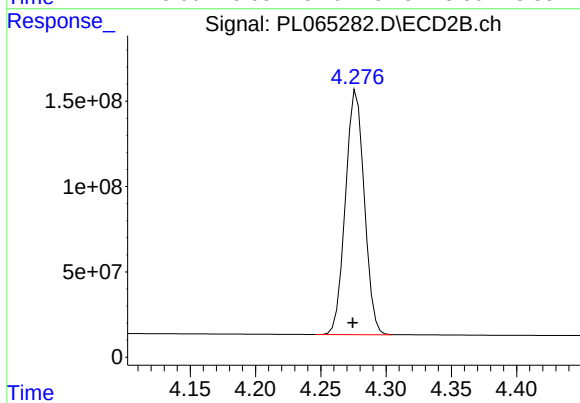
#1 Tetrachloro-m-xylene

R.T.: 3.892 min  
Delta R.T.: 0.010 min  
Response: 49053249  
Conc: 17.81 ng/ml



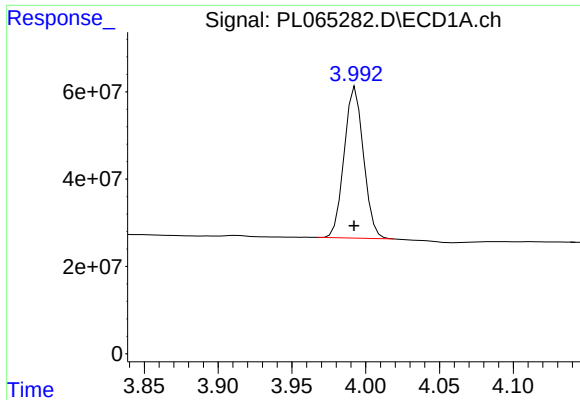
#2 alpha-BHC

R.T.: 3.719 min  
Delta R.T.: 0.000 min  
Response: 1465157222  
Conc: 363.35 ng/ml



#2 alpha-BHC

R.T.: 4.277 min  
Delta R.T.: 0.003 min  
Response: 1439720812  
Conc: 338.87 ng/ml



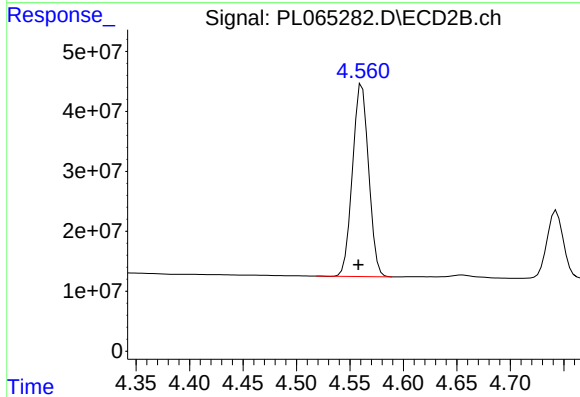
#3 gamma-BHC (Lindane)

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 316001600  
Conc: 85.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

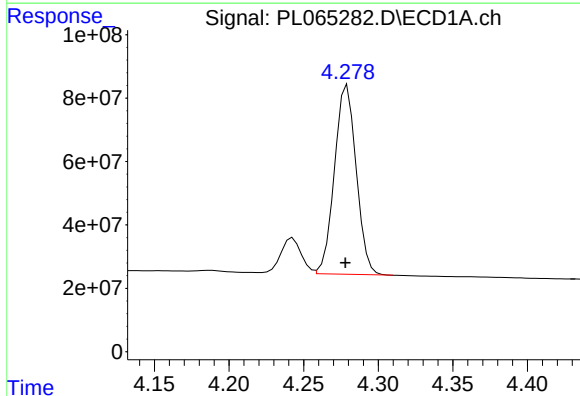
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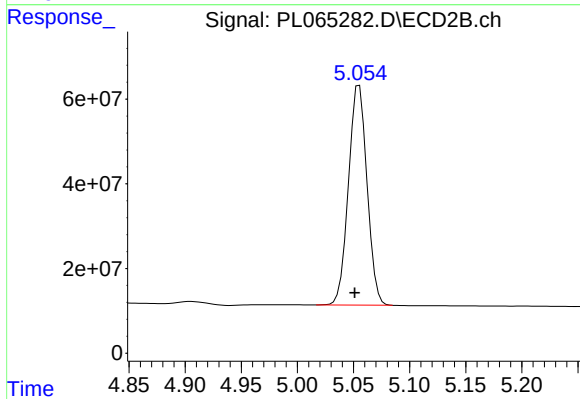
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: 0.003 min  
Response: 337302913  
Conc: 87.76 ng/ml



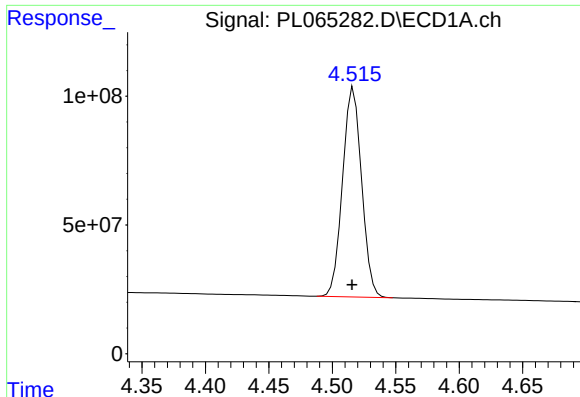
#4 Heptachlor

R.T.: 4.279 min  
Delta R.T.: 0.001 min  
Response: 605506206  
Conc: 168.61 ng/ml



#4 Heptachlor

R.T.: 5.055 min  
Delta R.T.: 0.004 min  
Response: 597311879  
Conc: 167.00 ng/ml



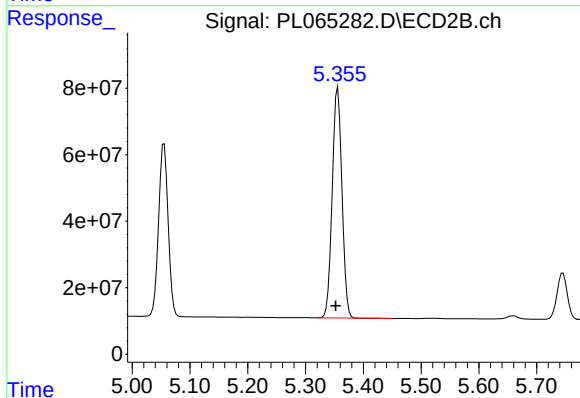
#5 Aldrin

R.T.: 4.517 min  
Delta R.T.: 0.001 min  
Response: 849236700  
Conc: 249.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

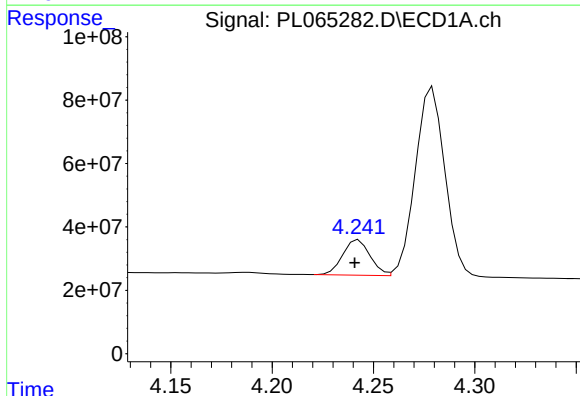
Manual Integrations  
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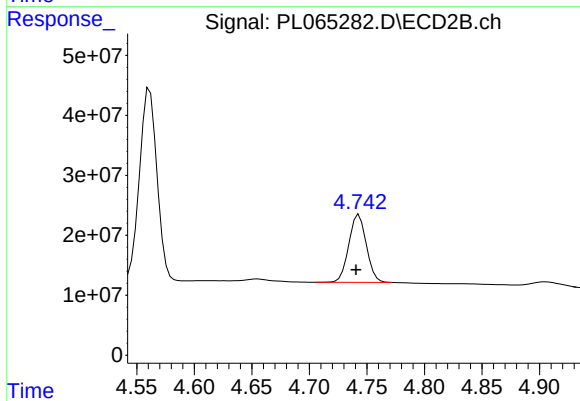
#5 Aldrin

R.T.: 5.356 min  
Delta R.T.: 0.004 min  
Response: 814334399  
Conc: 234.76 ng/ml



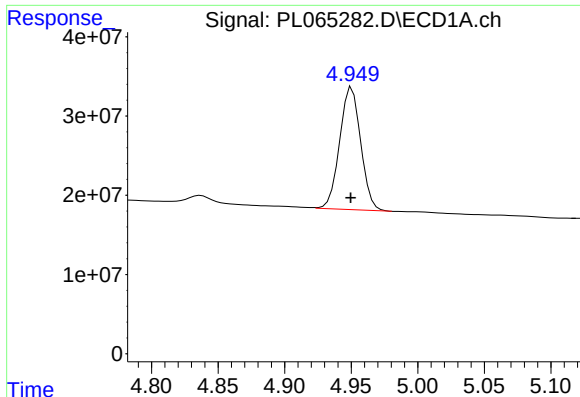
#6 beta-BHC

R.T.: 4.243 min  
Delta R.T.: 0.002 min  
Response: 104862270  
Conc: 68.70 ng/ml



#6 beta-BHC

R.T.: 4.743 min  
Delta R.T.: 0.003 min  
Response: 120674357  
Conc: 69.14 ng/ml



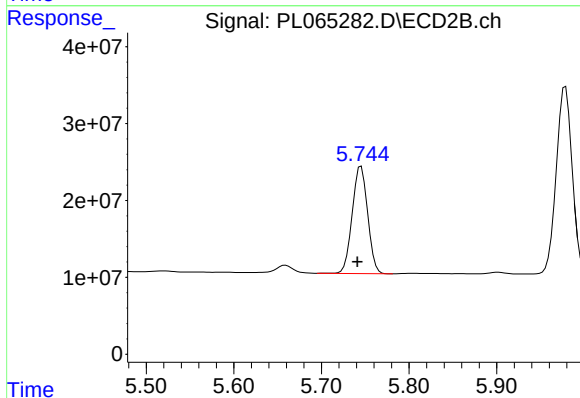
#8 Heptachlor epoxide

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 168885171  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

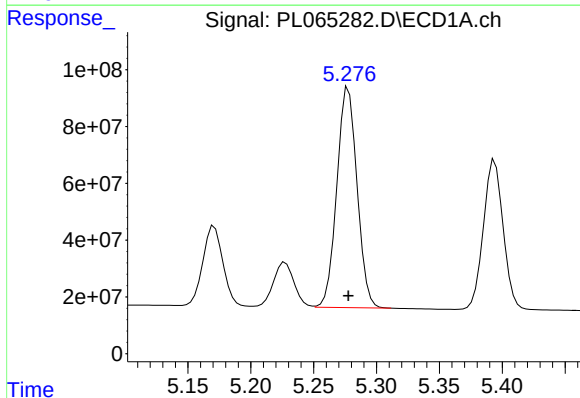
Manual Integrations  
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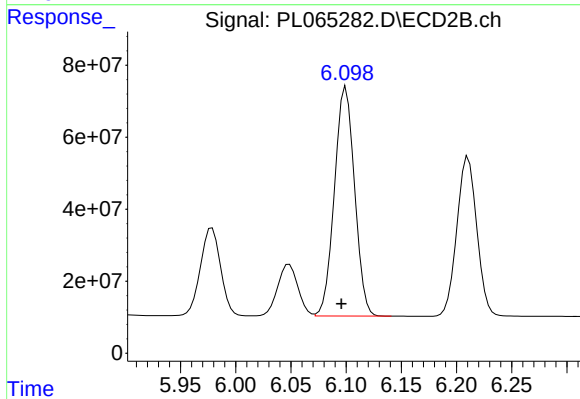
#8 Heptachlor epoxide

R.T.: 5.745 min  
Delta R.T.: 0.004 min  
Response: 171119074  
Conc: 57.37 ng/ml



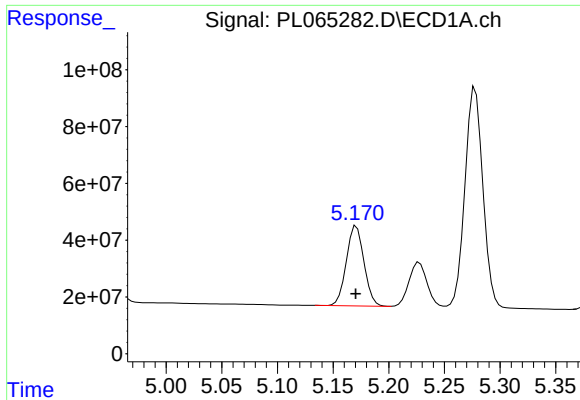
#9 Endosulfan I

R.T.: 5.278 min  
Delta R.T.: 0.000 min  
Response: 868253770  
Conc: 309.47 ng/ml



#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: 0.004 min  
Response: 808282175  
Conc: 290.13 ng/ml



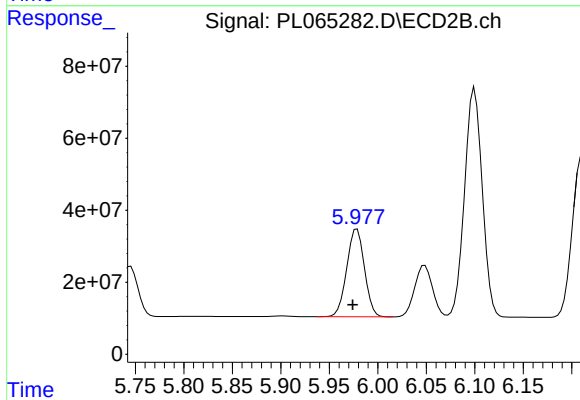
#10 gamma-Chlordane

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 312125189  
Conc: 98.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

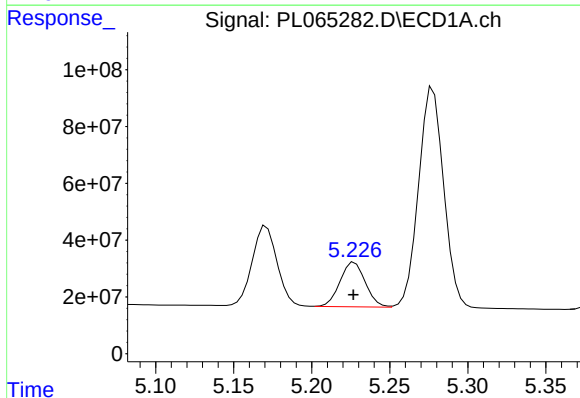
Manual Integrations  
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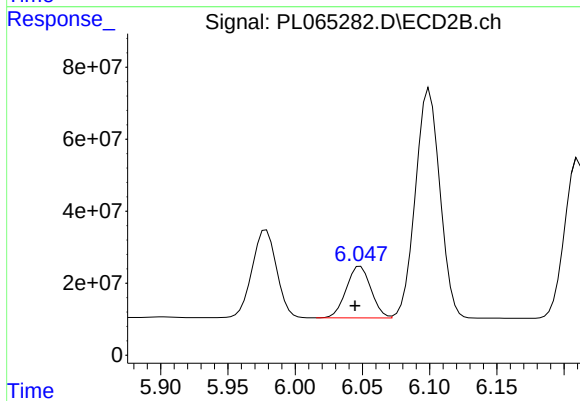
#10 gamma-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.005 min  
Response: 309485100  
Conc: 103.68 ng/ml



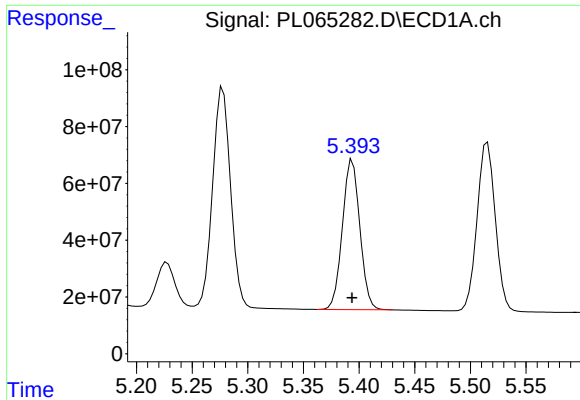
#11 alpha-Chlordane

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 177901877  
Conc: 58.73 ng/ml



#11 alpha-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.004 min  
Response: 182743309  
Conc: 62.78 ng/ml



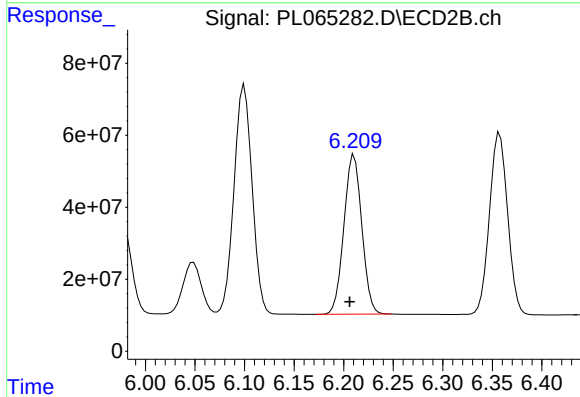
#12 4,4'-DDE

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 576134538  
Conc: 194.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

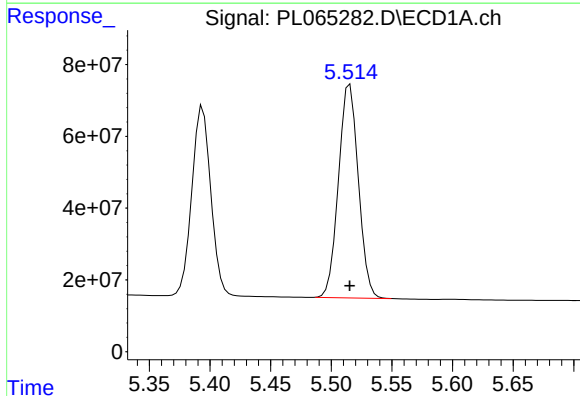
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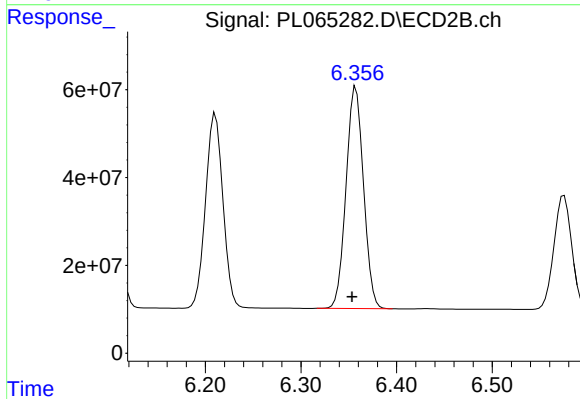
#12 4,4'-DDE

R.T.: 6.211 min  
Delta R.T.: 0.004 min  
Response: 556707624  
Conc: 200.68 ng/ml



#13 Dieldrin

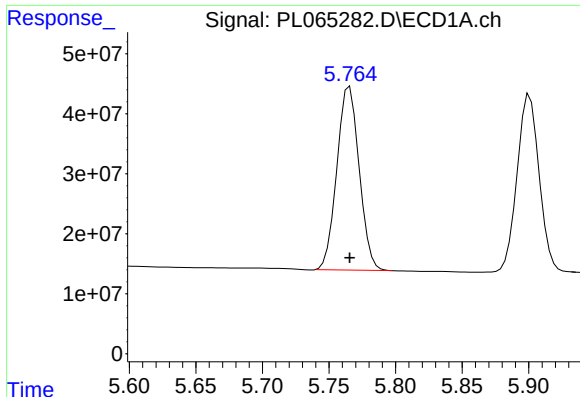
R.T.: 5.515 min  
Delta R.T.: 0.000 min  
Response: 677115548  
Conc: 227.13 ng/ml



#13 Dieldrin

R.T.: 6.358 min  
Delta R.T.: 0.004 min  
Response: 643870469  
Conc: 218.96 ng/ml





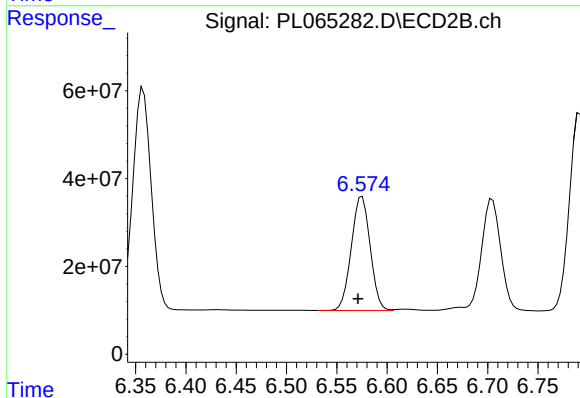
#14 Endrin

R.T.: 5.765 min  
Delta R.T.: 0.000 min  
Response: 357093979  
Conc: 140.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

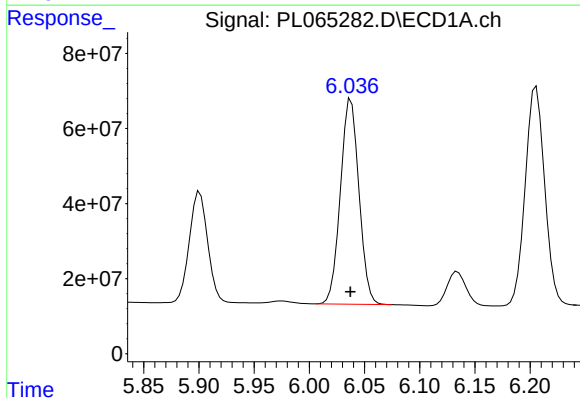
Manual Integrations  
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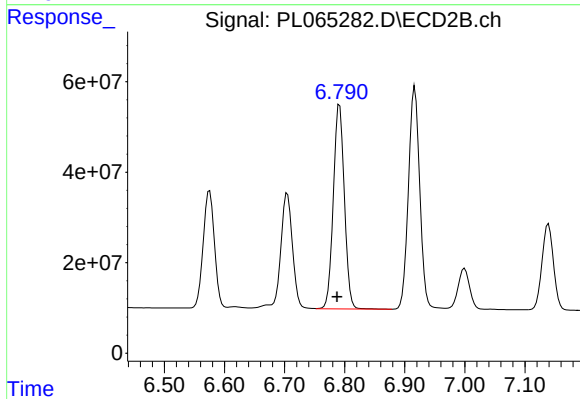
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.004 min  
Response: 338142232  
Conc: 149.45 ng/ml



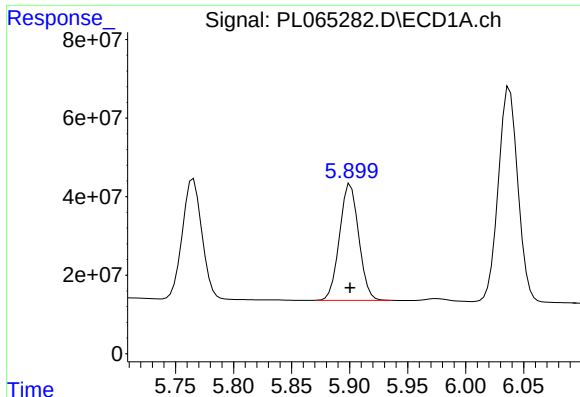
#15 Endosulfan II

R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 639671385  
Conc: 261.07 ng/ml



#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: 0.004 min  
Response: 577804102  
Conc: 258.60 ng/ml



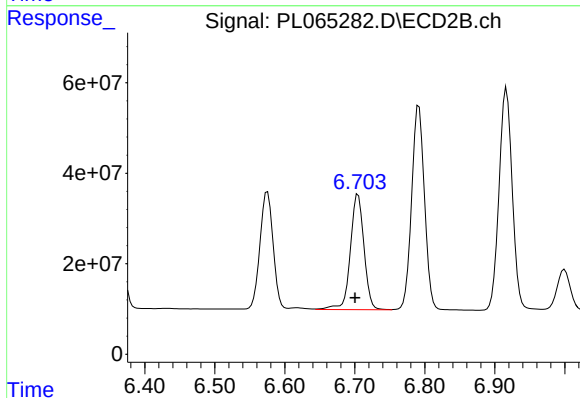
#16 4,4'-DDD

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 341862795  
Conc: 144.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

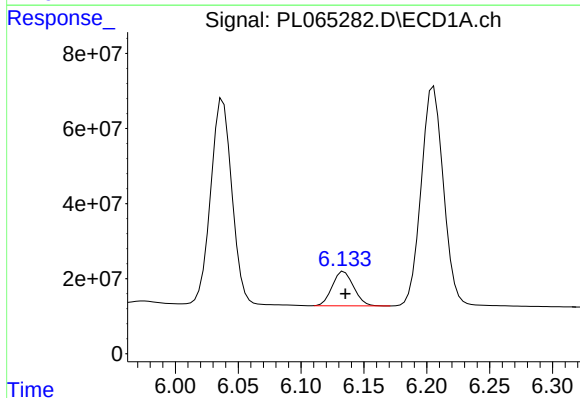
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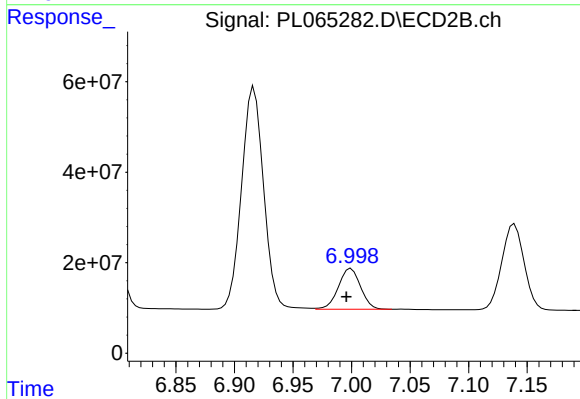
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.004 min  
Response: 346458835  
Conc: 142.73 ng/ml



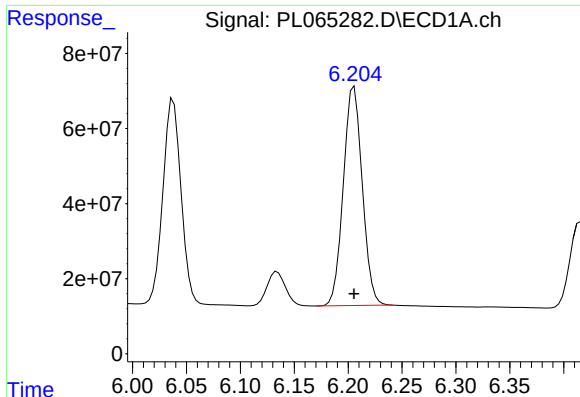
#17 4,4'-DDT

R.T.: 6.134 min  
Delta R.T.: -0.001 min  
Response: 108312879  
Conc: 55.87 ng/ml



#17 4,4'-DDT

R.T.: 7.000 min  
Delta R.T.: 0.004 min  
Response: 118799861  
Conc: 58.53 ng/ml



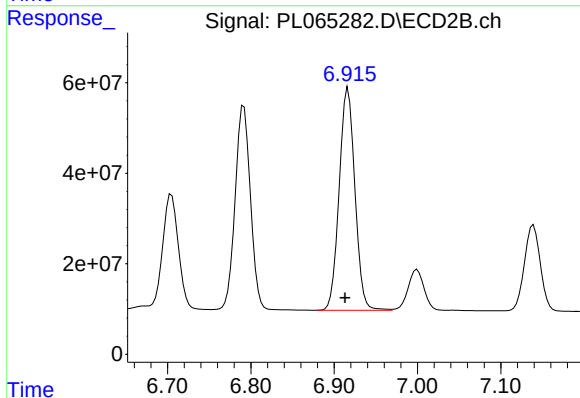
#18 Endrin aldehyde

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 714048196  
Conc: 351.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

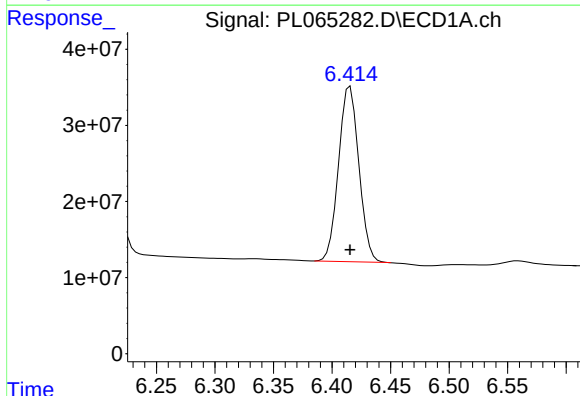
Manual Integrations  
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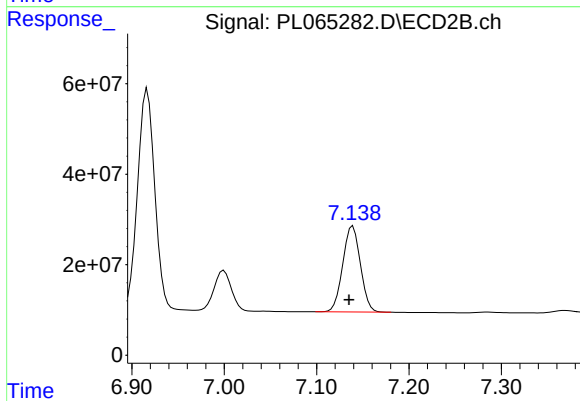
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: 0.004 min  
Response: 644846714  
Conc: 357.02 ng/ml



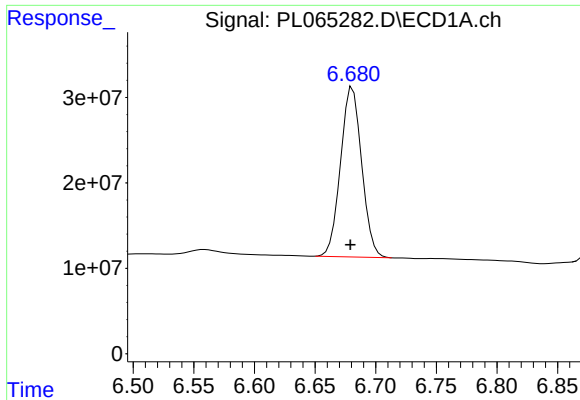
#19 Endosulfan Sulfate

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 278089057  
Conc: 108.96 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.139 min  
Delta R.T.: 0.004 min  
Response: 251684794  
Conc: 107.22 ng/ml



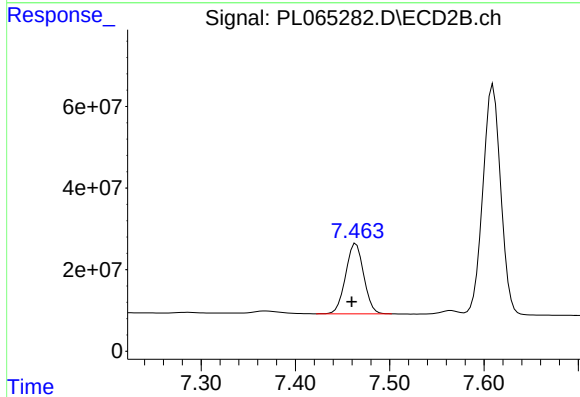
#20 Methoxychlor

R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 240975842  
Conc: 257.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

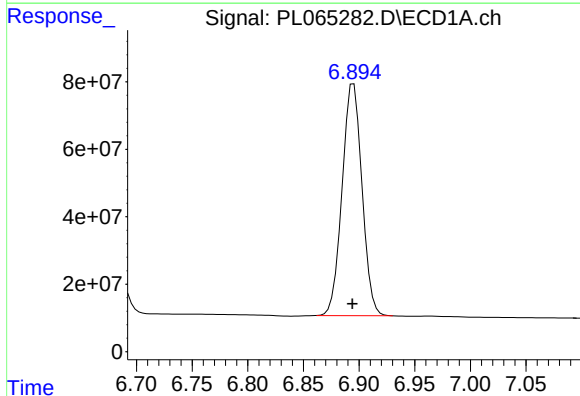
Manual Integrations  
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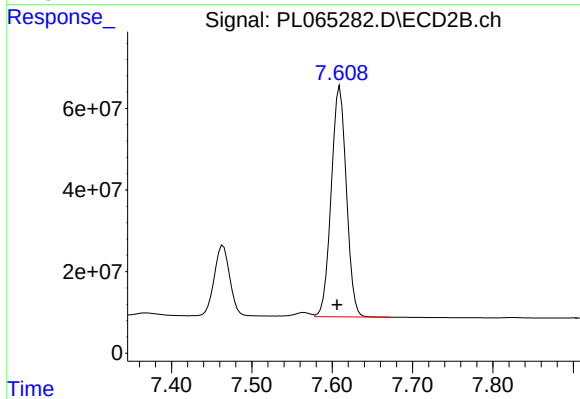
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.004 min  
Response: 229589666  
Conc: 247.49 ng/ml



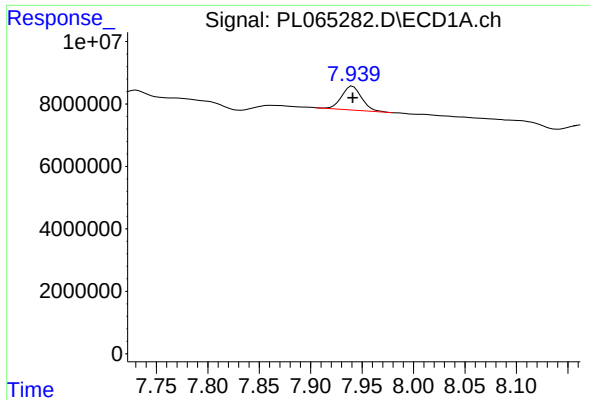
#21 Endrin ketone

R.T.: 6.895 min  
Delta R.T.: 0.001 min  
Response: 854785461  
Conc: 300.34 ng/ml



#21 Endrin ketone

R.T.: 7.608 min  
Delta R.T.: 0.002 min  
Response: 741196197  
Conc: 283.50 ng/ml m



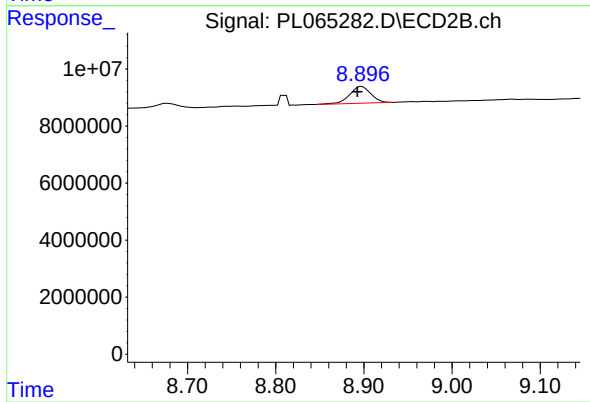
#28 Decachlorobiphenyl

R.T.: 7.941 min  
Delta R.T.: 0.000 min  
Response: 10224036  
Conc: 4.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL

Manual Integrations  
APPROVED

Ankita  
3/15/2021 1:37:51 PM



#28 Decachlorobiphenyl

R.T.: 8.897 min  
Delta R.T.: 0.005 min  
Response: 9843460  
Conc: 5.36 ng/ml