

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031321\  
 Data File : PL065281.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2021 00:37  
 Operator : AR\AJ  
 Sample : M1557-09  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

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

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:43:33 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... | 3.295 | 3.892 | 50660196 | 249.4E6  | 21.503   | 90.535 #  |
| 28)                         | SA Decachlor... | 7.940 | 8.897 | 49156704 | 43694134 | 22.811   | 23.783    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.719 | 4.277 | 7623.3E6 | 6622.6E6 | 1890.502 | 1558.784  |
| 3)                          | MA gamma-BHC... | 3.993 | 4.561 | 1713.5E6 | 1658.5E6 | 463.864  | 431.501   |
| 4)                          | MA Heptachlor   | 4.279 | 5.055 | 3259.0E6 | 2858.3E6 | 907.484  | 799.154   |
| 5)                          | MB Aldrin       | 4.517 | 5.356 | 4466.6E6 | 3825.9E6 | 1312.742 | 1102.949  |
| 6)                          | B beta-BHC      | 4.242 | 4.743 | 550.3E6  | 574.2E6  | 360.545  | 328.966   |
| 8)                          | B Heptachlo...  | 4.950 | 5.745 | 908.9E6  | 834.6E6  | 282.357  | 279.797   |
| 9)                          | A Endosulfan I  | 5.278 | 6.100 | 4522.7E6 | 3812.4E6 | 1612.025 | 1368.421  |
| 10)                         | B gamma-Chl...  | 5.171 | 5.978 | 1693.8E6 | 1495.8E6 | 535.553  | 501.102   |
| 11)                         | B alpha-Chl...  | 5.228 | 6.048 | 955.7E6  | 883.7E6  | 315.471  | 303.570   |
| 12)                         | B 4,4'-DDE      | 5.394 | 6.211 | 3136.4E6 | 2703.4E6 | 1059.705 | 974.509   |
| 13)                         | MA Dieldrin     | 5.516 | 6.357 | 3636.8E6 | 3112.1E6 | 1219.911 | 1058.345  |
| 14)                         | MA Endrin       | 5.766 | 6.575 | 2007.8E6 | 1719.8E6 | 792.566  | 760.133   |
| 15)                         | B Endosulfa...  | 6.038 | 6.791 | 3391.5E6 | 2846.8E6 | 1384.160 | 1274.085  |
| 16)                         | A 4,4'-DDD      | 5.902 | 6.705 | 1861.4E6 | 1674.7E6 | 784.997  | 689.932   |
| 17)                         | MA 4,4'-DDT     | 6.135 | 6.999 | 673.1E6  | 648.6E6  | 347.194  | 319.559   |
| 18)                         | B Endrin al...  | 6.205 | 6.917 | 3766.2E6 | 3148.4E6 | 1853.462 | 1743.079  |
| 19)                         | B Endosulfa...  | 6.416 | 7.139 | 1504.8E6 | 1222.3E6 | 589.608  | 520.725   |
| 20)                         | A Methoxychlor  | 6.681 | 7.464 | 1370.5E6 | 1220.6E6 | 1466.451 | 1315.714  |
| 21)                         | B Endrin ke...  | 6.895 | 7.608 | 4504.3E6 | 3635.9E6 | 1582.664 | 1390.687m |
| -----                       |                 |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031321\  
 Data File : PL065281.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2021 00:37  
 Operator : AR\AJ  
 Sample : M1557-09  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

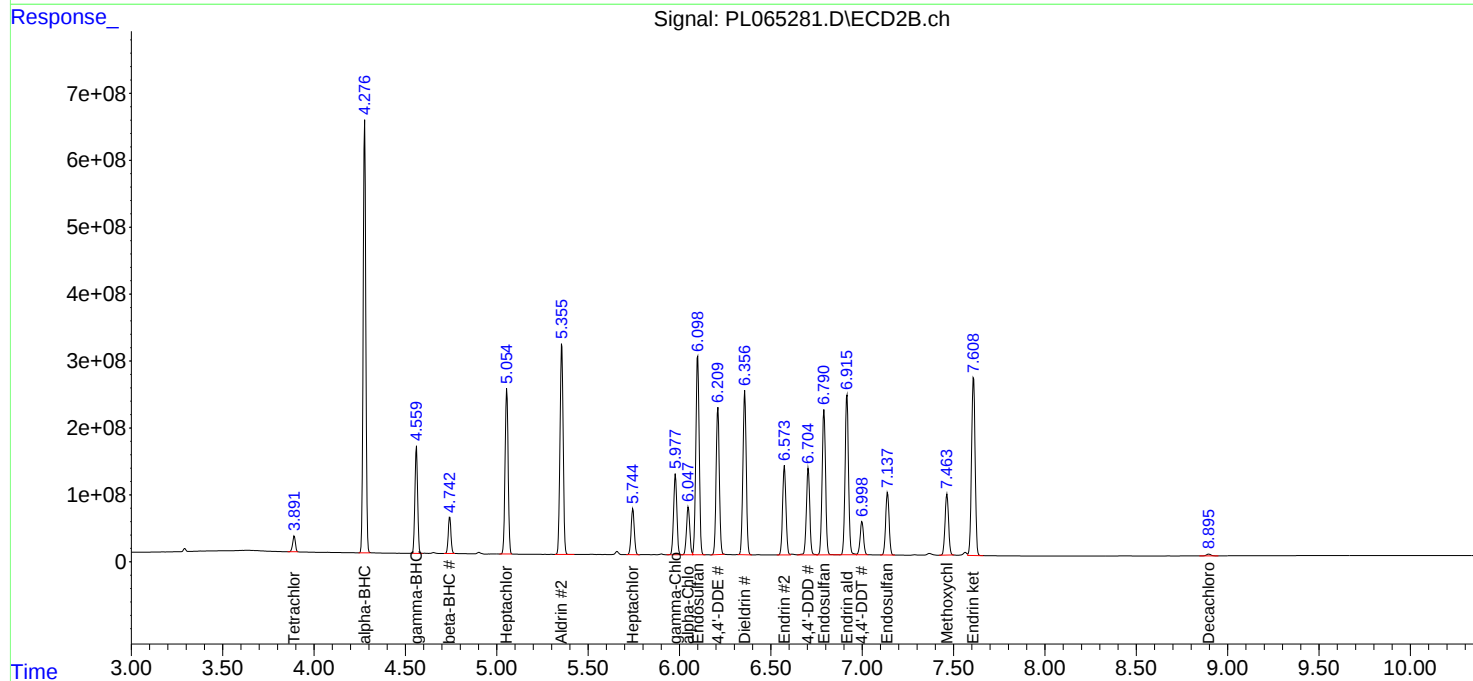
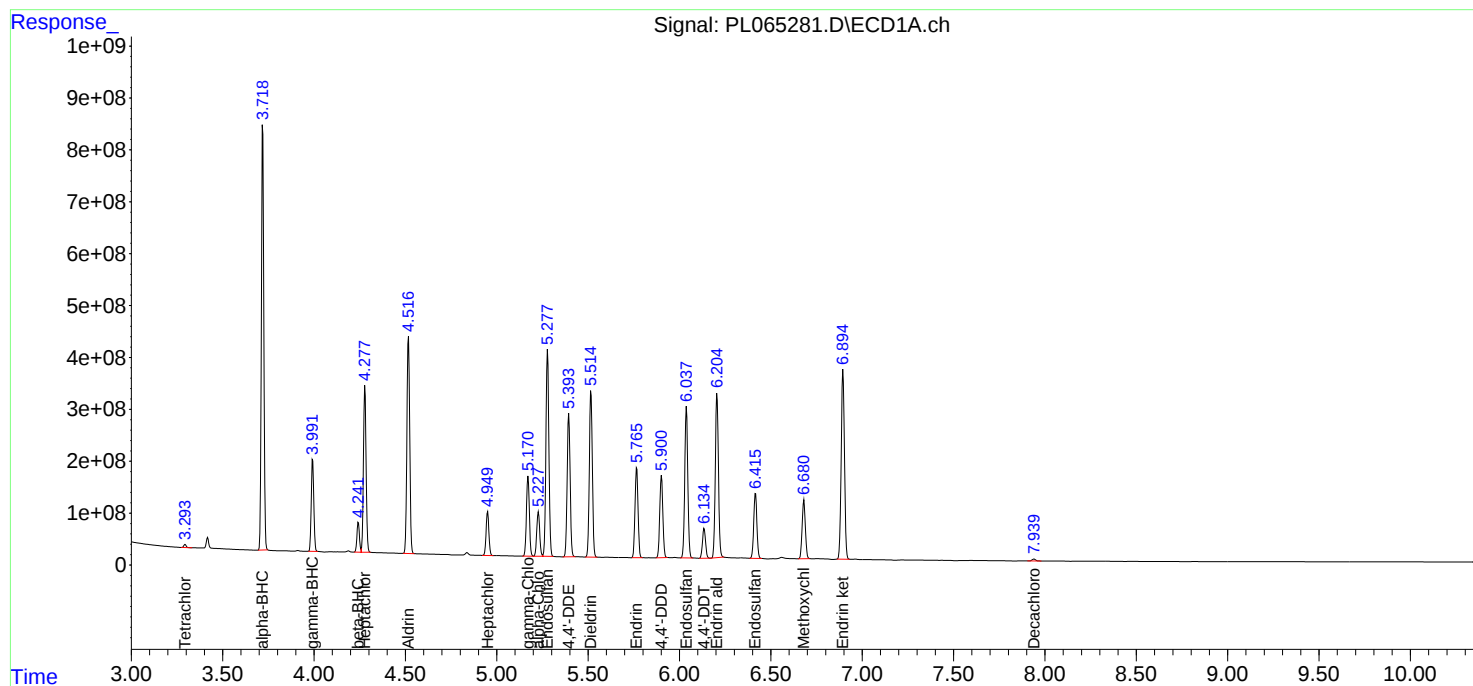
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-WP

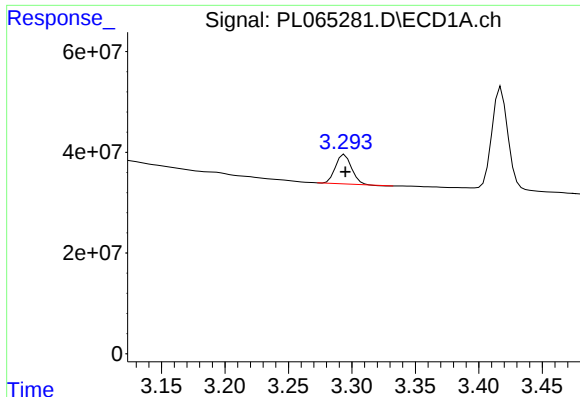
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 02:43:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031321.M  
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Volume Inj. : 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





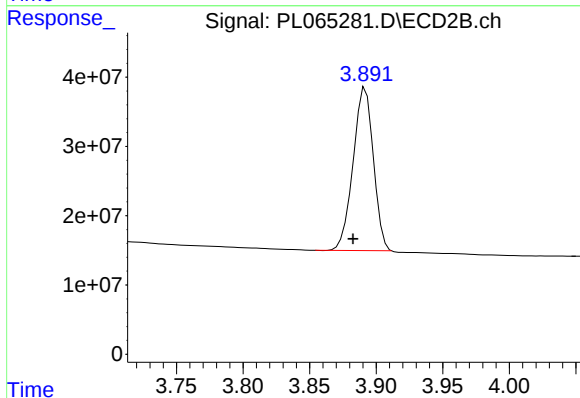
#1 Tetrachloro-m-xylene

R.T.: 3.295 min  
Delta R.T.: 0.000 min  
Response: 50660196  
Conc: 21.50 ng/ml

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

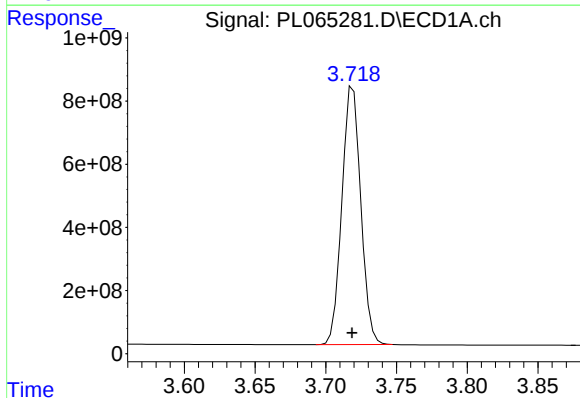
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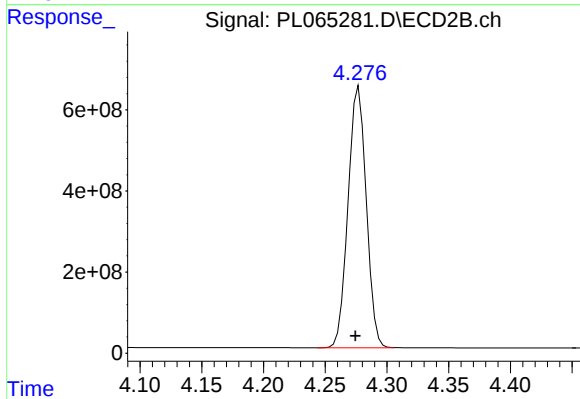
#1 Tetrachloro-m-xylene

R.T.: 3.892 min  
Delta R.T.: 0.009 min  
Response: 249377830  
Conc: 90.53 ng/ml



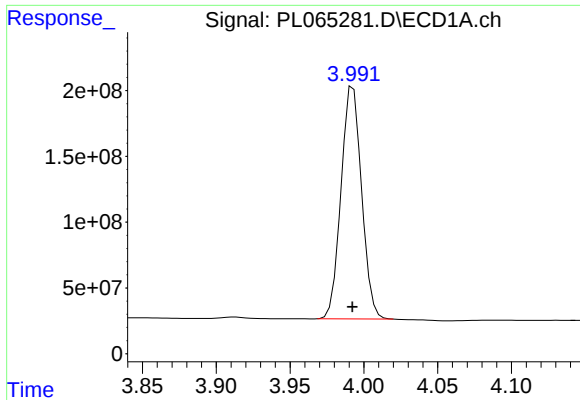
#2 alpha-BHC

R.T.: 3.719 min  
Delta R.T.: 0.000 min  
Response: 7623266901  
Conc: 1890.50 ng/ml



#2 alpha-BHC

R.T.: 4.277 min  
Delta R.T.: 0.003 min  
Response: 6622632003  
Conc: 1558.78 ng/ml



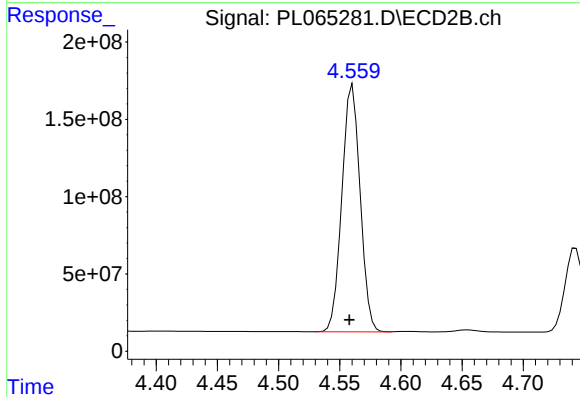
#3 gamma-BHC (Lindane)

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 1713513775  
Conc: 463.86 ng/ml

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

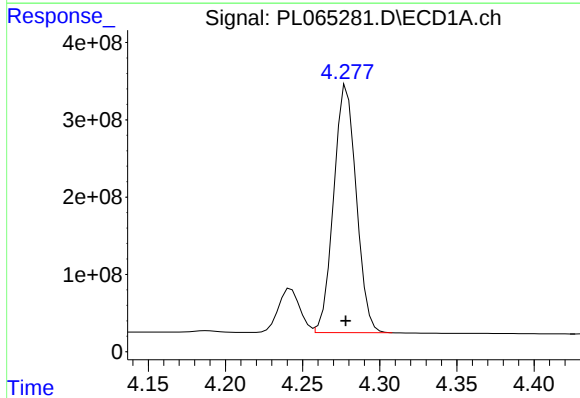
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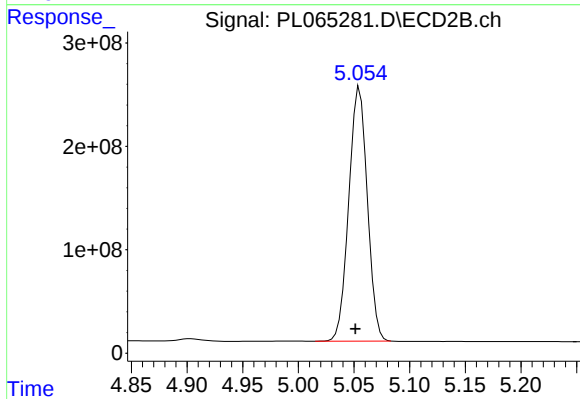
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: 0.003 min  
Response: 1658534927  
Conc: 431.50 ng/ml



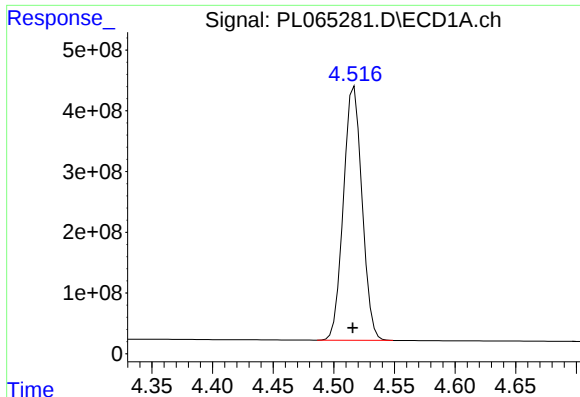
#4 Heptachlor

R.T.: 4.279 min  
Delta R.T.: 0.000 min  
Response: 3258960170  
Conc: 907.48 ng/ml



#4 Heptachlor

R.T.: 5.055 min  
Delta R.T.: 0.004 min  
Response: 2858329690  
Conc: 799.15 ng/ml



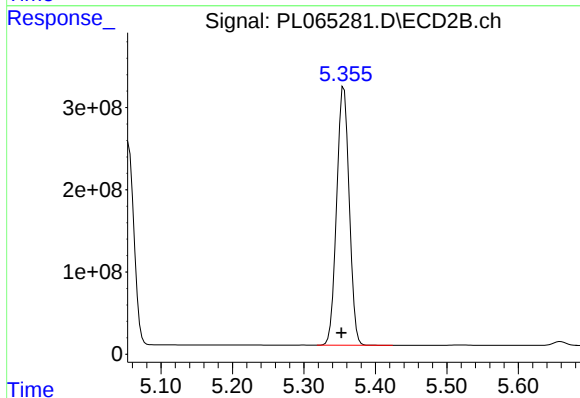
#5 Aldrin

R.T.: 4.517 min  
Delta R.T.: 0.001 min  
Response: 4466564518  
Conc: 1312.74 ng/ml

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

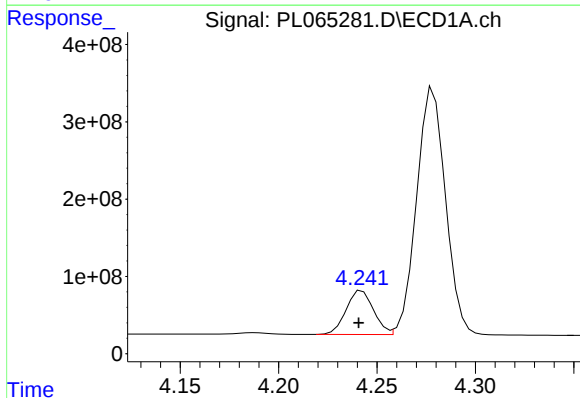
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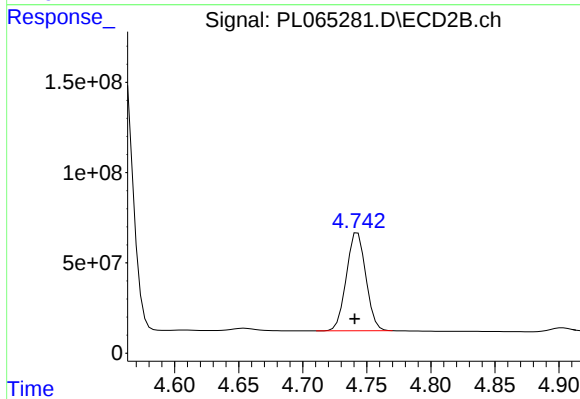
#5 Aldrin

R.T.: 5.356 min  
Delta R.T.: 0.004 min  
Response: 3825882191  
Conc: 1102.95 ng/ml



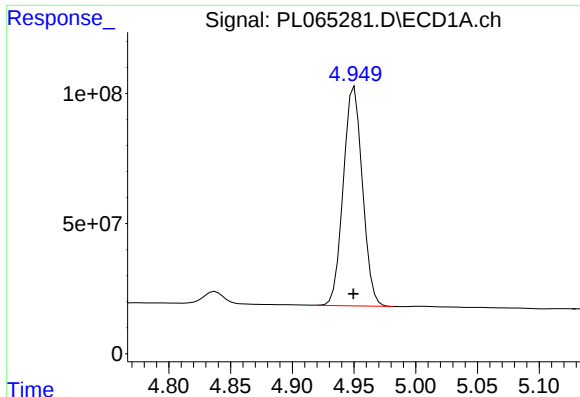
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.002 min  
Response: 550319381  
Conc: 360.55 ng/ml



#6 beta-BHC

R.T.: 4.743 min  
Delta R.T.: 0.002 min  
Response: 574155586  
Conc: 328.97 ng/ml



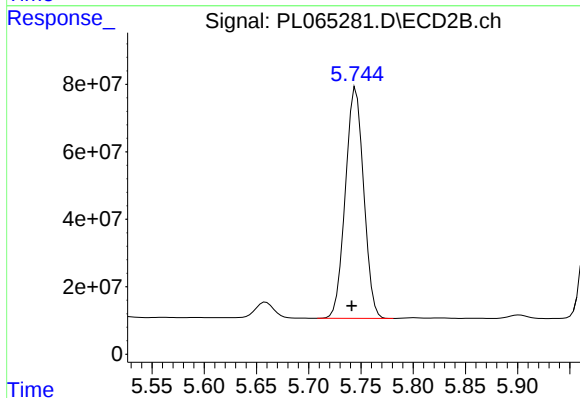
#8 Heptachlor epoxide

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 908885456  
Conc: 282.36 ng/ml

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

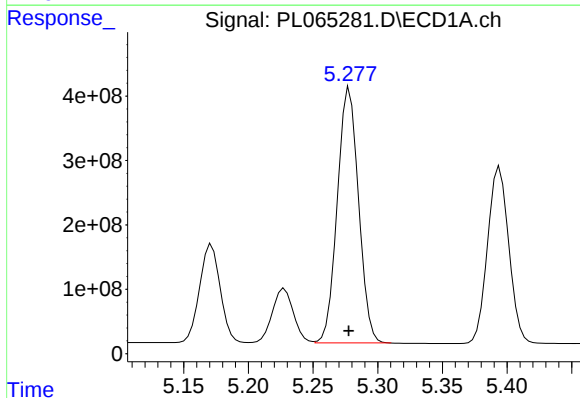
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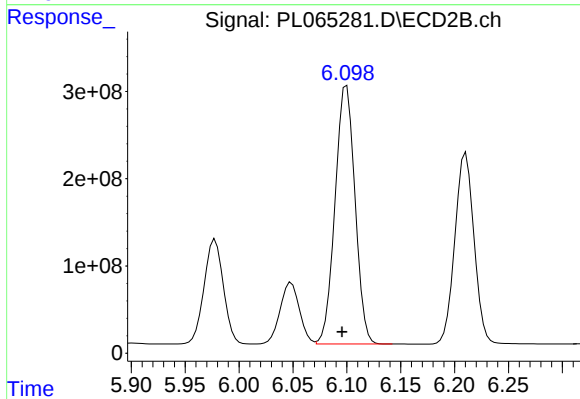
#8 Heptachlor epoxide

R.T.: 5.745 min  
Delta R.T.: 0.004 min  
Response: 834611056  
Conc: 279.80 ng/ml



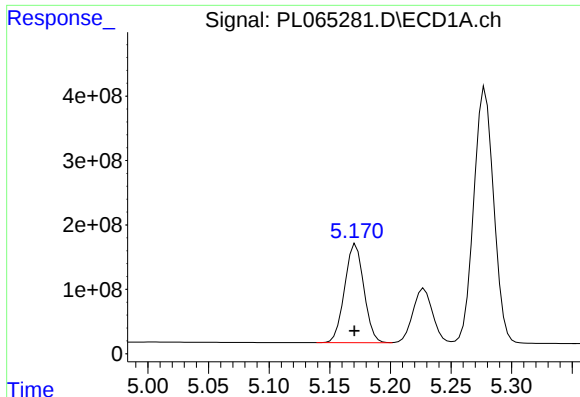
#9 Endosulfan I

R.T.: 5.278 min  
Delta R.T.: 0.000 min  
Response: 4522684701  
Conc: 1612.03 ng/ml



#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: 0.004 min  
Response: 3812369390  
Conc: 1368.42 ng/ml



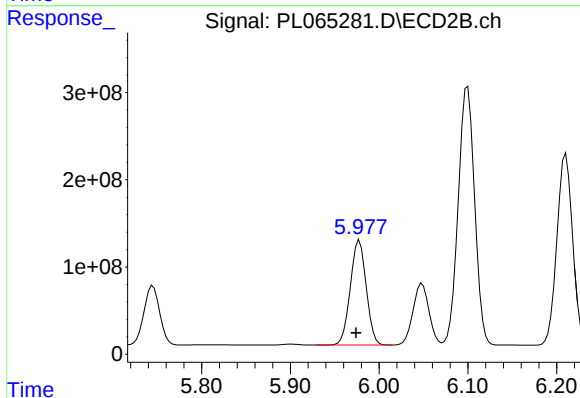
#10 gamma-Chlordane

R.T.: 5.171 min  
Delta R.T.: 0.001 min  
Response: 1693815132  
Conc: 535.55 ng/ml

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

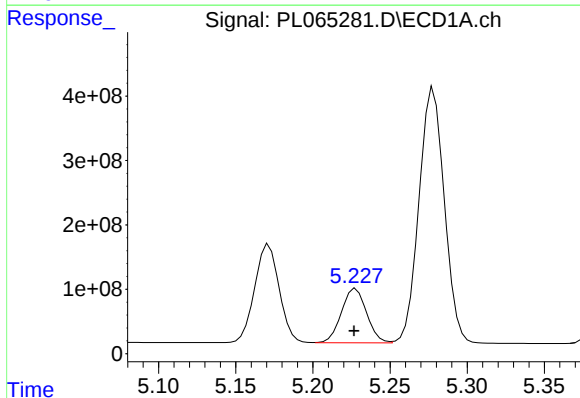
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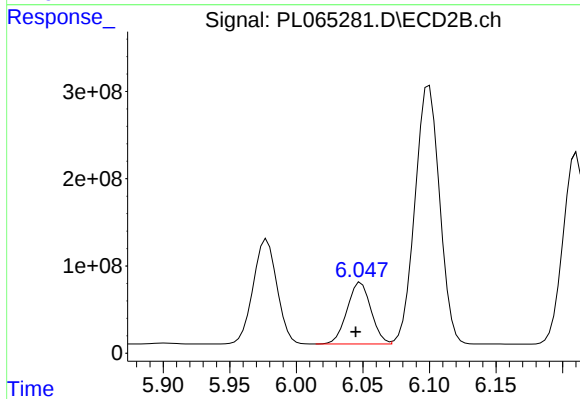
#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.004 min  
Response: 1495773105  
Conc: 501.10 ng/ml



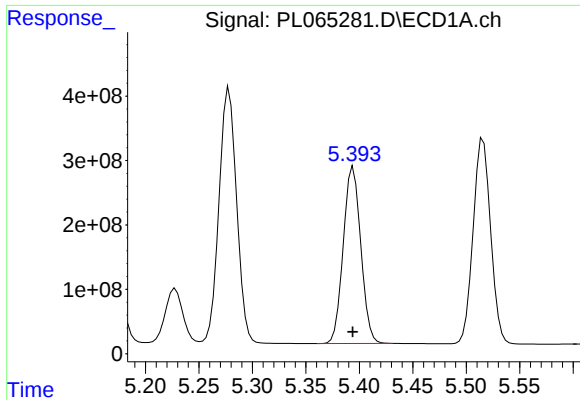
#11 alpha-Chlordane

R.T.: 5.228 min  
Delta R.T.: 0.001 min  
Response: 955668313  
Conc: 315.47 ng/ml



#11 alpha-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.004 min  
Response: 883708125  
Conc: 303.57 ng/ml



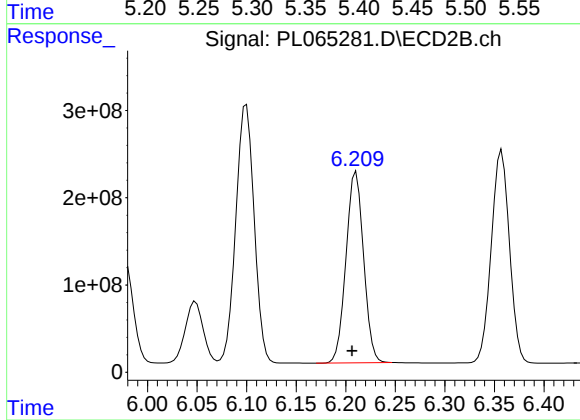
#12 4,4'-DDE

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 3136432442  
Conc: 1059.71 ng/ml

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

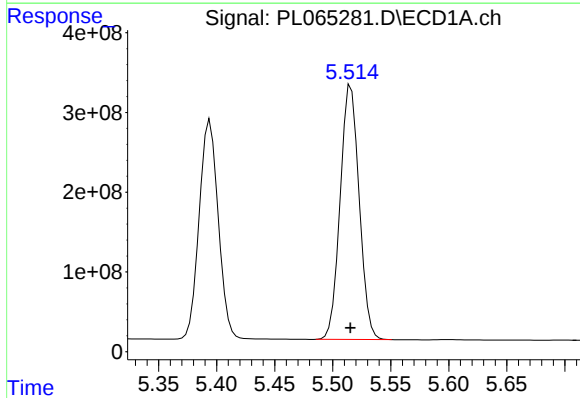
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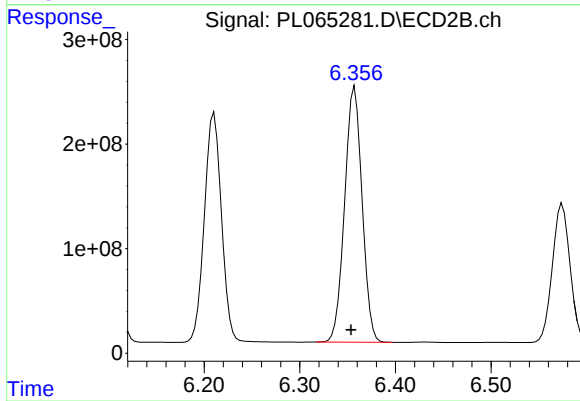
#12 4,4'-DDE

R.T.: 6.211 min  
Delta R.T.: 0.004 min  
Response: 2703388382  
Conc: 974.51 ng/ml



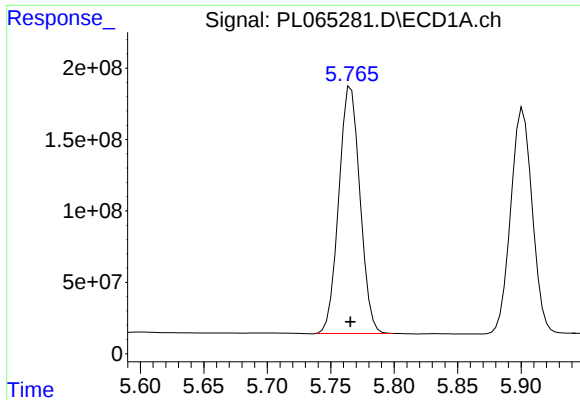
#13 Dieldrin

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 3636835361  
Conc: 1219.91 ng/ml



#13 Dieldrin

R.T.: 6.357 min  
Delta R.T.: 0.004 min  
Response: 3112118617  
Conc: 1058.35 ng/ml



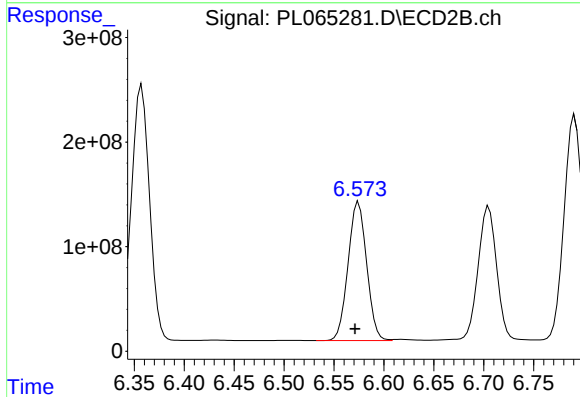
#14 Endrin

R.T.: 5.766 min  
Delta R.T.: 0.000 min  
Response: 2007764157  
Conc: 792.57 ng/ml

Instrument :  
ECD\_L  
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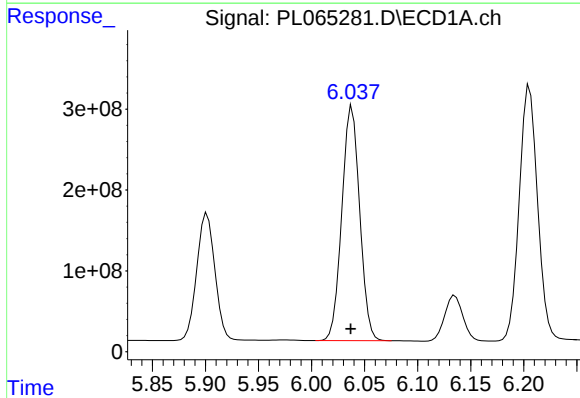
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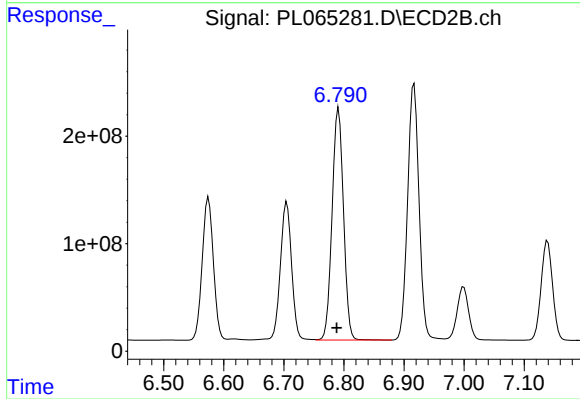
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.003 min  
Response: 1719842025  
Conc: 760.13 ng/ml



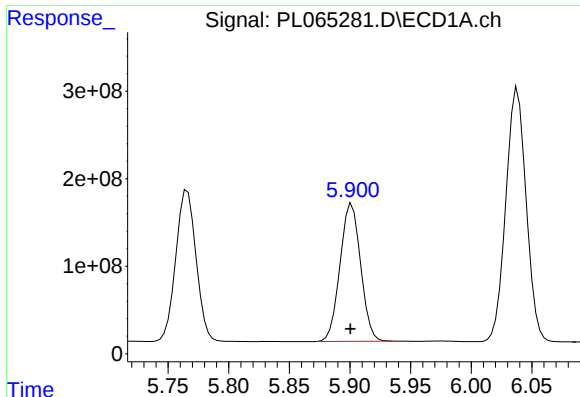
#15 Endosulfan II

R.T.: 6.038 min  
Delta R.T.: 0.001 min  
Response: 3391500823  
Conc: 1384.16 ng/ml



#15 Endosulfan II

R.T.: 6.791 min  
Delta R.T.: 0.003 min  
Response: 2846763777  
Conc: 1274.09 ng/ml



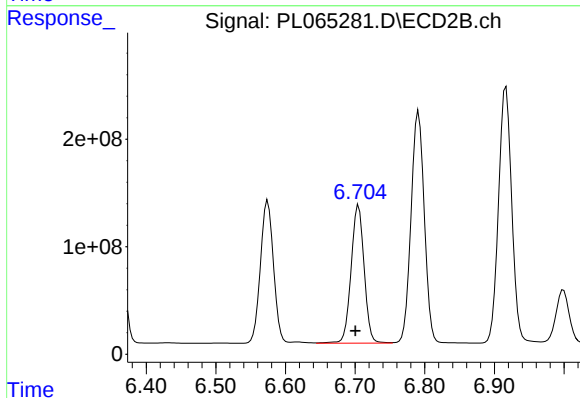
#16 4,4'-DDD

R.T.: 5.902 min  
Delta R.T.: 0.001 min  
Response: 1861362599  
Conc: 785.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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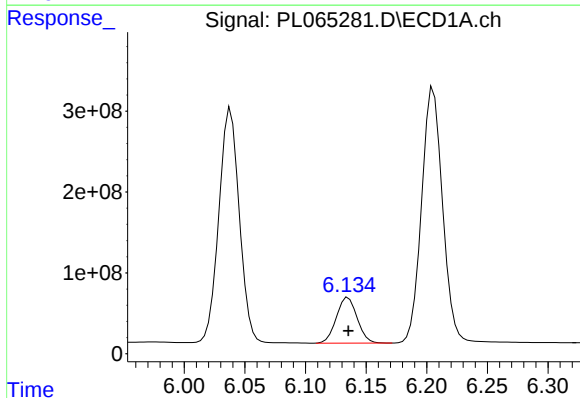
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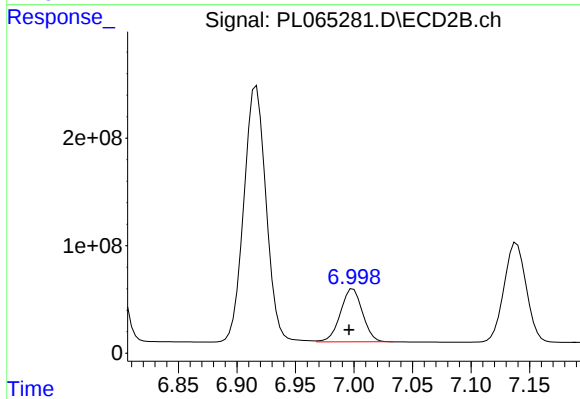
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.004 min  
Response: 1674694596  
Conc: 689.93 ng/ml



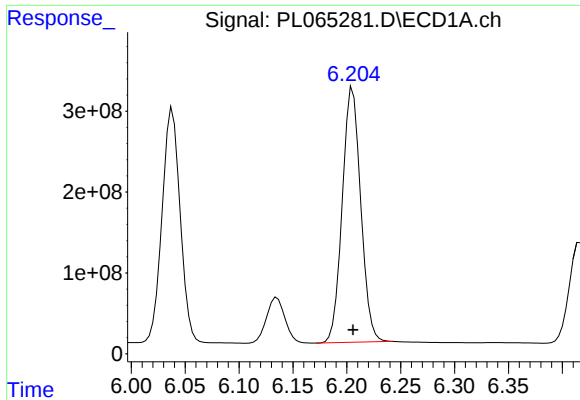
#17 4,4'-DDT

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 673084063  
Conc: 347.19 ng/ml



#17 4,4'-DDT

R.T.: 6.999 min  
Delta R.T.: 0.003 min  
Response: 648643988  
Conc: 319.56 ng/ml



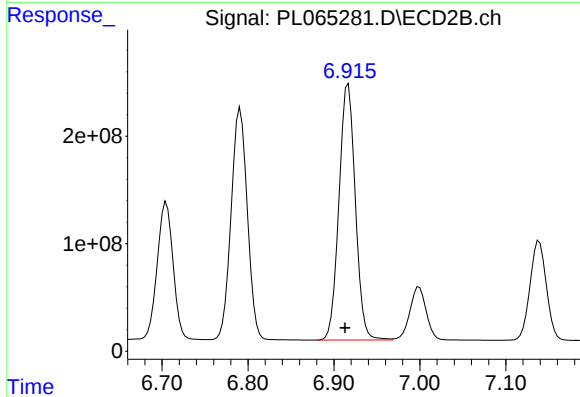
#18 Endrin aldehyde

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 3766184464  
Conc: 1853.46 ng/ml

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

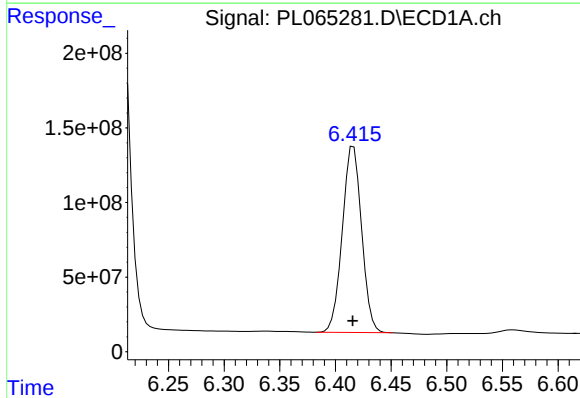
Manual Integrations  
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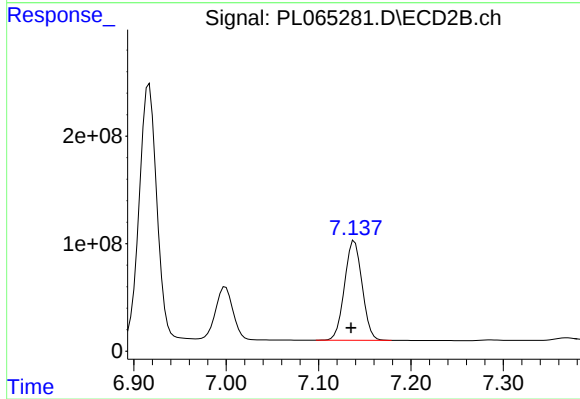
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: 0.004 min  
Response: 3148361849  
Conc: 1743.08 ng/ml



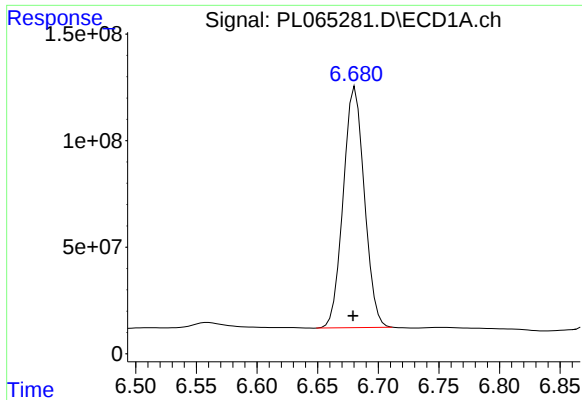
#19 Endosulfan Sulfate

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 1504827949  
Conc: 589.61 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.139 min  
Delta R.T.: 0.004 min  
Response: 1222299841  
Conc: 520.72 ng/ml



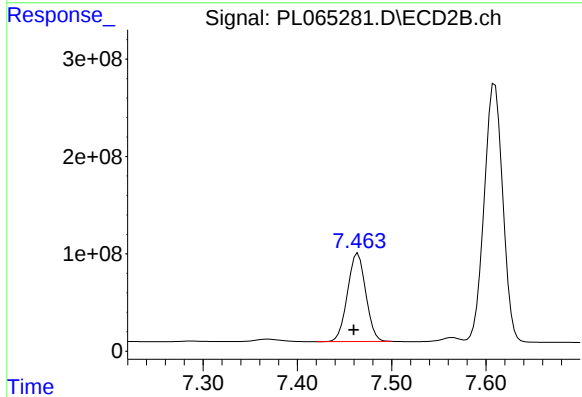
#20 Methoxychlor

R.T.: 6.681 min  
Delta R.T.: 0.002 min  
Response: 1370529721  
Conc: 1466.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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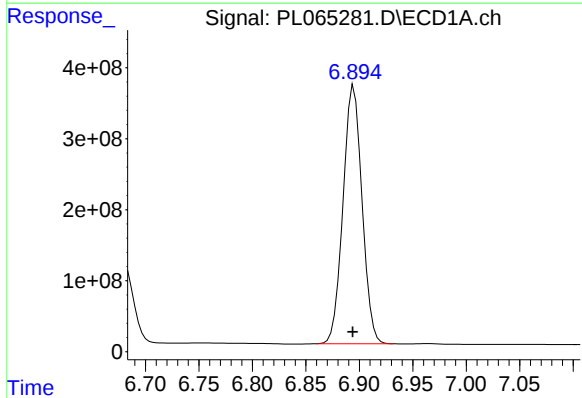
Manual Integrations  
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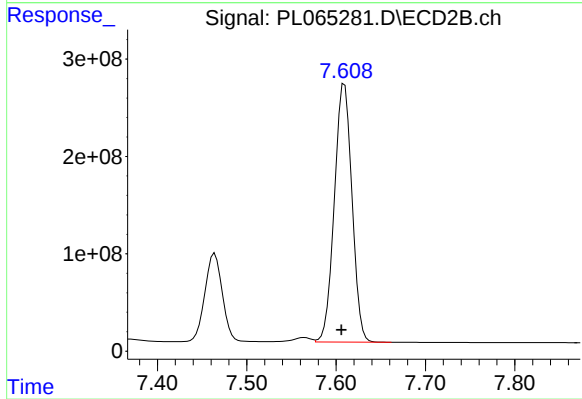
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.004 min  
Response: 1220567212  
Conc: 1315.71 ng/ml



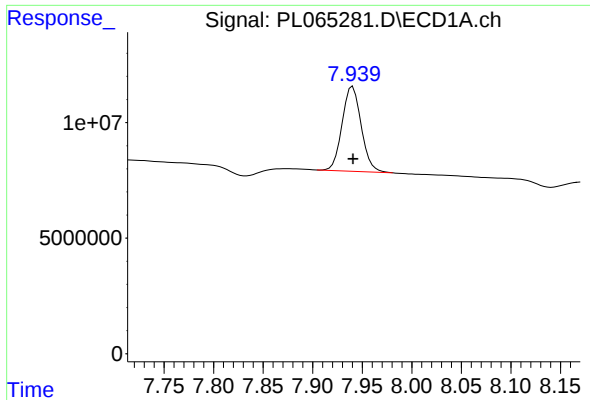
#21 Endrin ketone

R.T.: 6.895 min  
Delta R.T.: 0.000 min  
Response: 4504349110  
Conc: 1582.66 ng/ml



#21 Endrin ketone

R.T.: 7.608 min  
Delta R.T.: 0.002 min  
Response: 3635919983  
Conc: 1390.69 ng/ml m



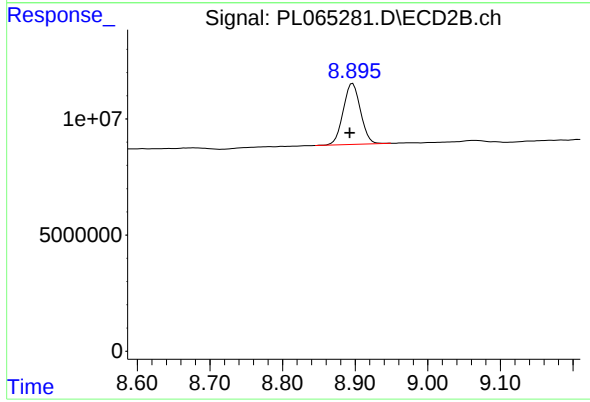
#28 Decachlorobiphenyl

R.T.: 7.940 min  
Delta R.T.: 0.000 min  
Response: 49156704  
Conc: 22.81 ng/ml

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

Manual Integrations  
APPROVED

Ankita  
3/15/2021 1:37:48 PM



#28 Decachlorobiphenyl

R.T.: 8.897 min  
Delta R.T.: 0.004 min  
Response: 43694134  
Conc: 23.78 ng/ml