

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ031021\  
 Data File : PQ052481.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2021 21:25  
 Operator : DD\AJ  
 Sample : M1458-01  
 Misc : AR1660 LOD 25 PPB  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 02:48:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 10 02:40:50 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|---------|
| -----                       |                 |        |       |          |          |         |         |
| System Monitoring Compounds |                 |        |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 5.226  | 4.243 | 478.1E6  | 166.4E6  | 18.822  | 18.296  |
| 2)                          | SA Decachlor... | 11.414 | 9.586 | 491.8E6  | 190.4E6  | 19.726  | 19.632  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 3)                          | L1 AR-1016-1    | 6.551  | 5.503 | 21818501 | 7508446  | 25.773  | 23.237  |
| 4)                          | L1 AR-1016-2    | 6.574  | 5.523 | 31561670 | 10162038 | 24.914  | 21.509  |
| 5)                          | L1 AR-1016-3    | 6.642  | 5.717 | 16083707 | 5743247  | 21.520  | 23.767  |
| 6)                          | L1 AR-1016-4    | 6.748  | 5.766 | 15369606 | 5084654  | 24.496  | 27.643  |
| 7)                          | L1 AR-1016-5    | 7.062  | 5.996 | 15590733 | 5869343  | 26.720  | 24.165  |
| 31)                         | L7 AR-1260-1    | 8.238  | 7.092 | 30684304 | 12347304 | 29.428  | 26.485  |
| 32)                         | L7 AR-1260-2    | 8.500  | 7.288 | 34930870 | 15781956 | 27.558m | 24.628  |
| 33)                         | L7 AR-1260-3    | 8.868  | 7.445 | 25685791 | 16639910 | 27.046m | 30.164  |
| 34)                         | L7 AR-1260-4    | 9.108  | 7.927 | 25776898 | 4455322  | 22.725m | 9.401m# |
| 35)                         | L7 AR-1260-5    | 9.455  | 8.172 | 58209980 | 29272528 | 24.331m | 22.236m |
| -----                       |                 |        |       |          |          |         |         |

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2021 21:25  
Operator : DD\AJ  
Sample : M1458-01  
Misc : AR1660 LOD 25 PPB  
ALS Vial : 17 Sample Multiplier: 1

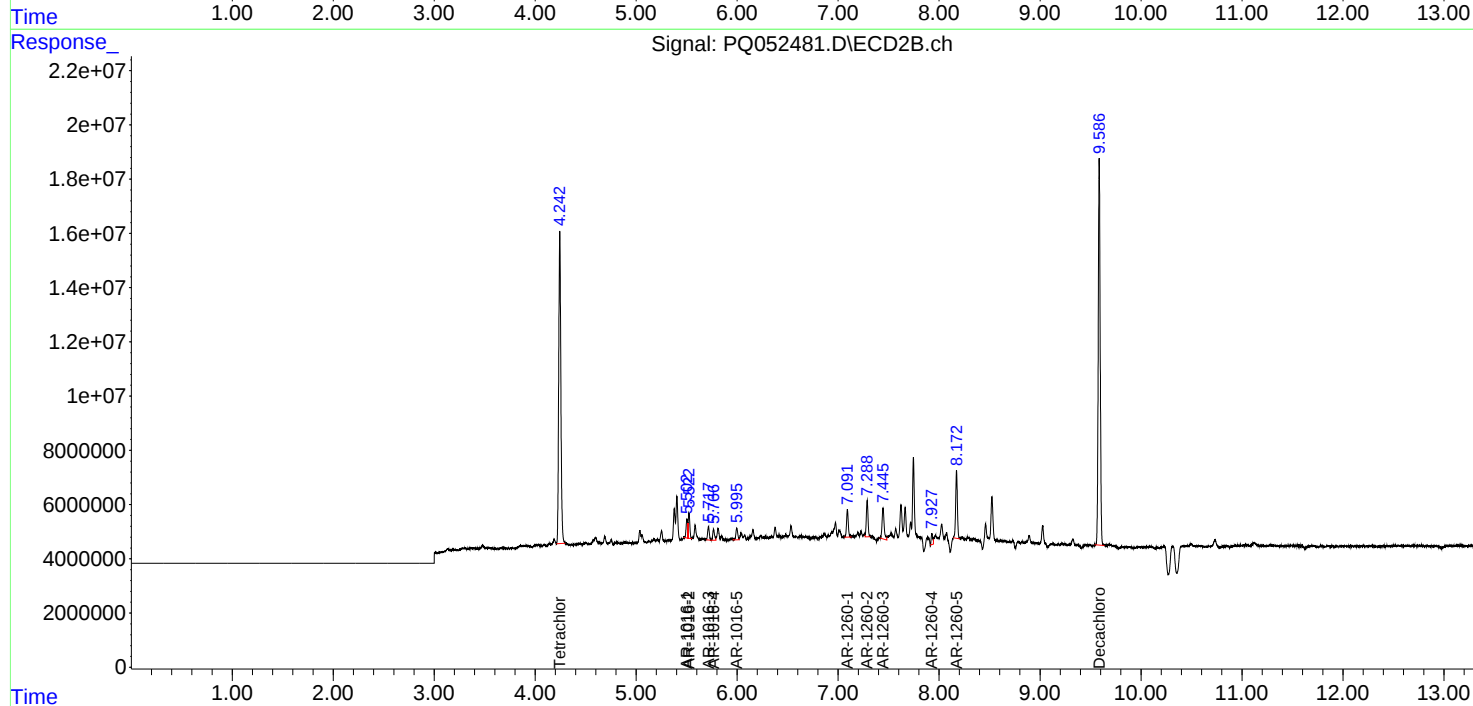
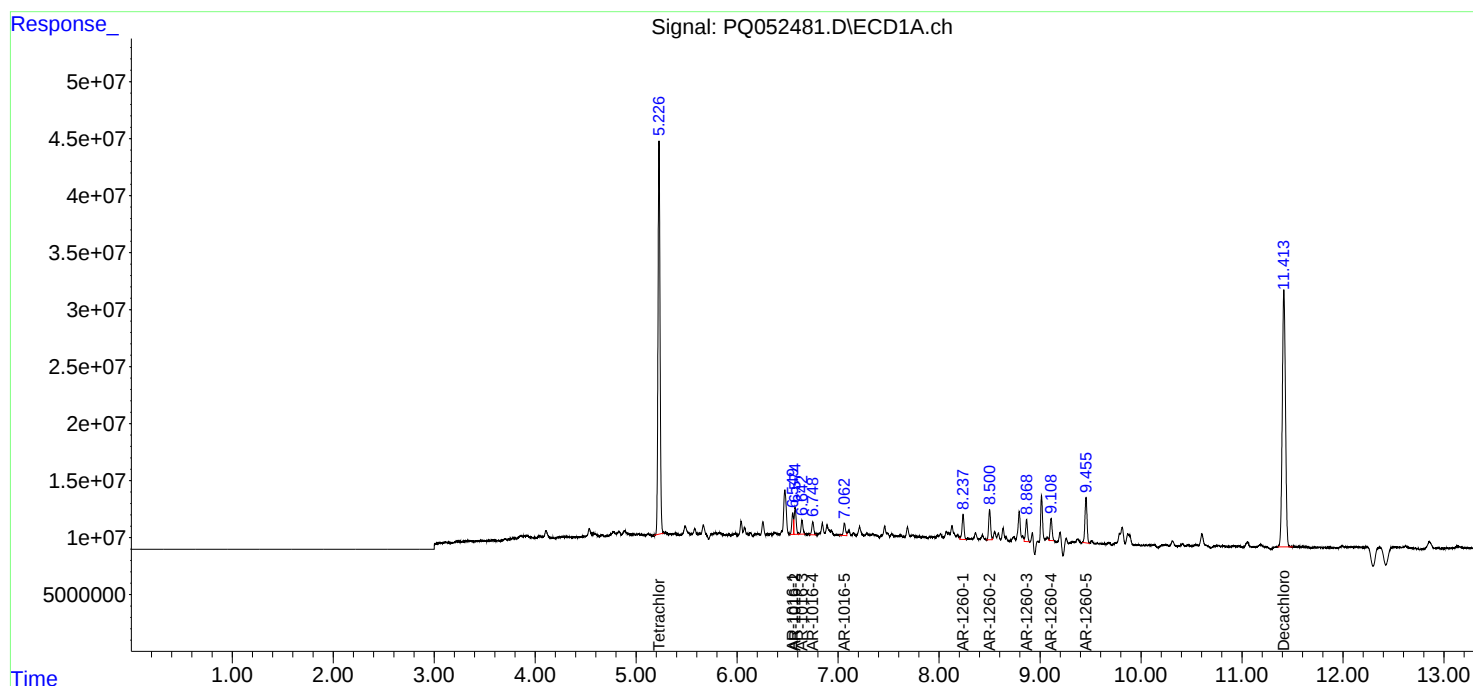
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

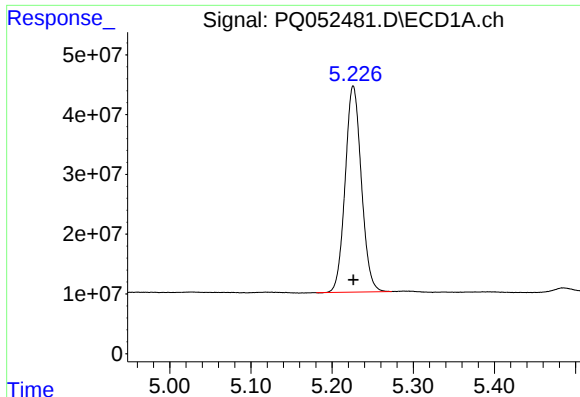
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 02:48:09 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 10 02:40:50 2021  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





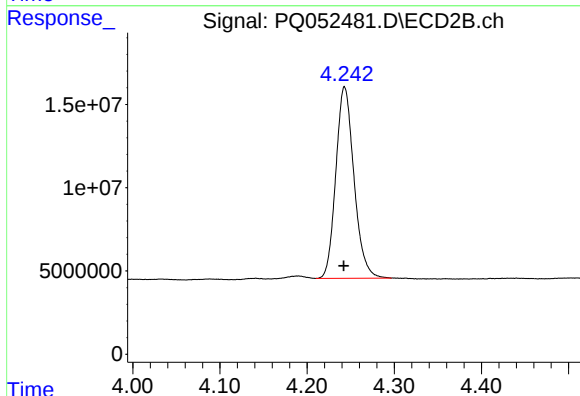
#1 Tetrachloro-m-xylene

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 478088940  
Conc: 18.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

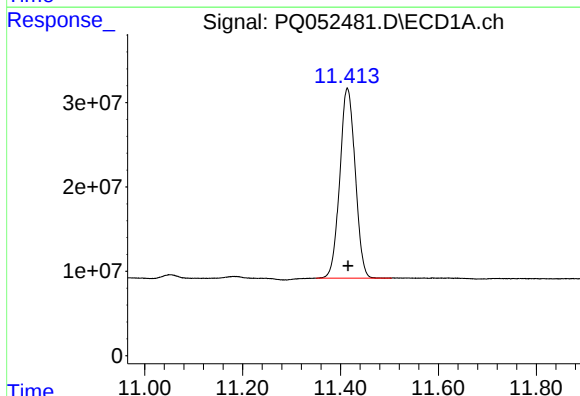
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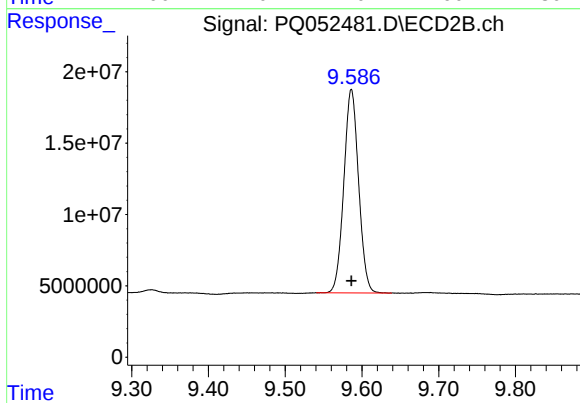
#1 Tetrachloro-m-xylene

R.T.: 4.243 min  
Delta R.T.: 0.000 min  
Response: 166429353  
Conc: 18.30 ng/ml



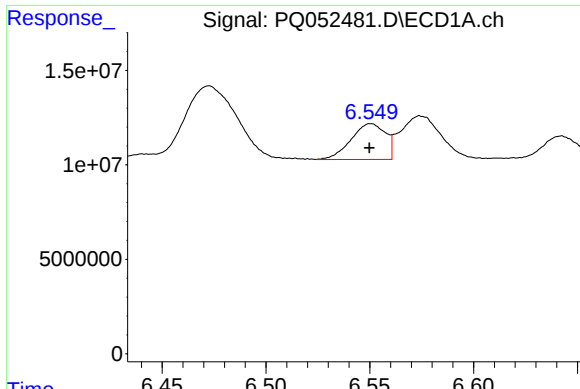
#2 Decachlorobiphenyl

R.T.: 11.414 min  
Delta R.T.: -0.002 min  
Response: 491765144  
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.586 min  
Delta R.T.: 0.000 min  
Response: 190422034  
Conc: 19.63 ng/ml



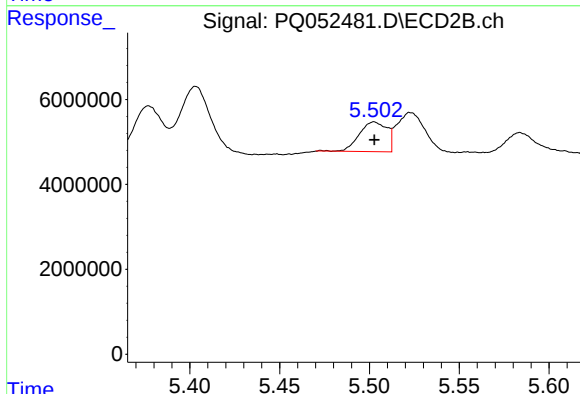
#3 AR-1016-1

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 21818501  
Conc: 25.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

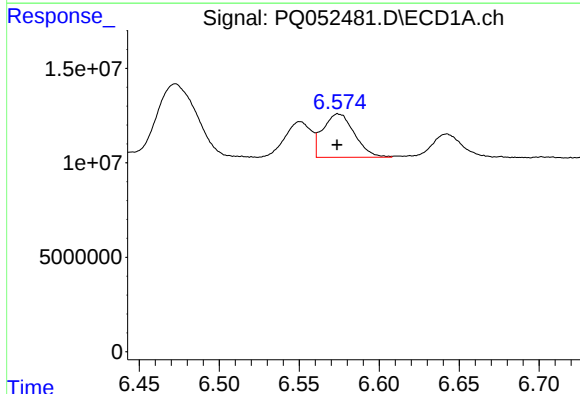
Manual Integrations  
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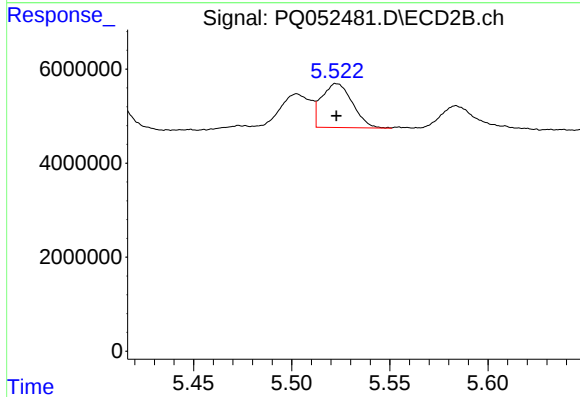
#3 AR-1016-1

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 7508446  
Conc: 23.24 ng/ml



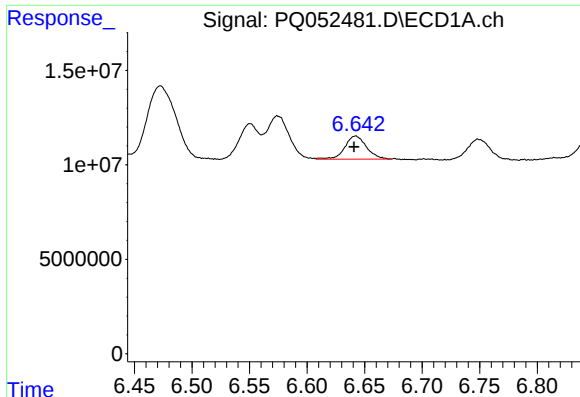
#4 AR-1016-2

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 31561670  
Conc: 24.91 ng/ml



#4 AR-1016-2

R.T.: 5.523 min  
Delta R.T.: 0.000 min  
Response: 10162038  
Conc: 21.51 ng/ml



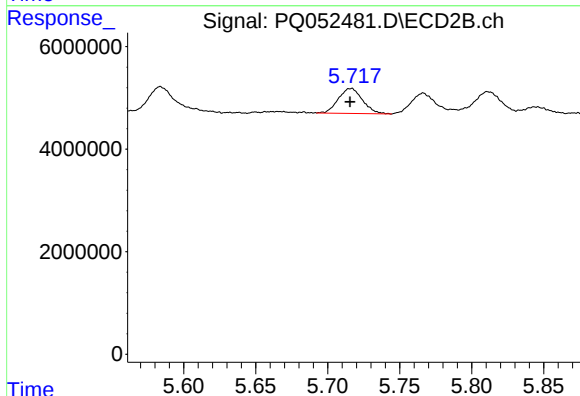
#5 AR-1016-3

R.T.: 6.642 min  
Delta R.T.: 0.002 min  
Response: 16083707  
Conc: 21.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

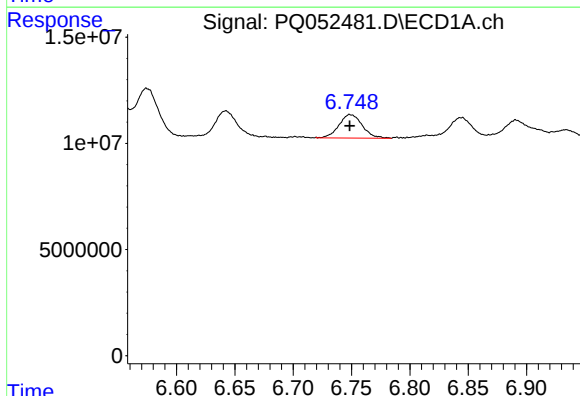
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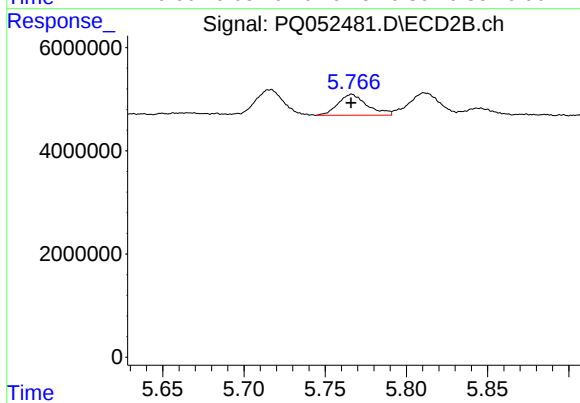
#5 AR-1016-3

R.T.: 5.717 min  
Delta R.T.: 0.001 min  
Response: 5743247  
Conc: 23.77 ng/ml



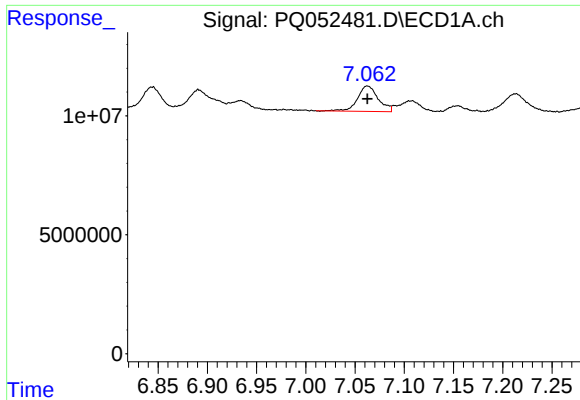
#6 AR-1016-4

R.T.: 6.748 min  
Delta R.T.: 0.000 min  
Response: 15369606  
Conc: 24.50 ng/ml



#6 AR-1016-4

R.T.: 5.766 min  
Delta R.T.: 0.000 min  
Response: 5084654  
Conc: 27.64 ng/ml



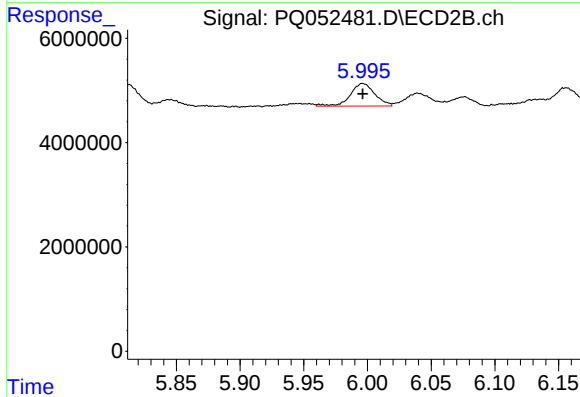
#7 AR-1016-5

R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 15590733  
Conc: 26.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

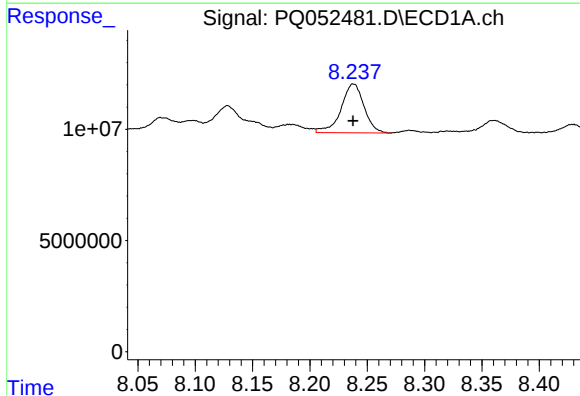
Manual Integrations  
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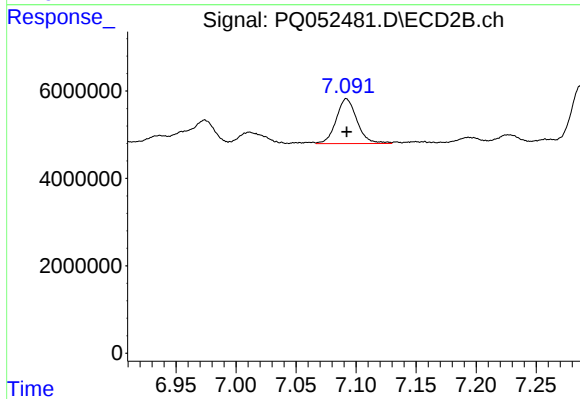
#7 AR-1016-5

R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 5869343  
Conc: 24.16 ng/ml



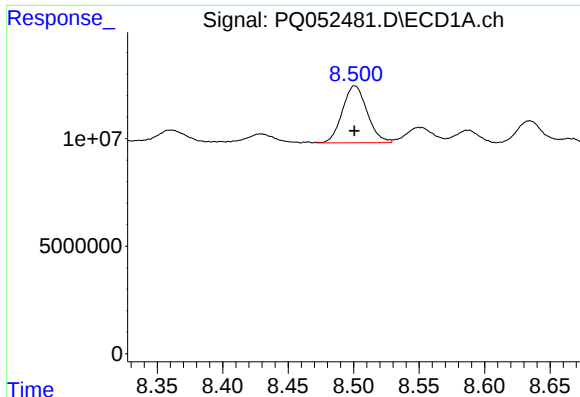
#31 AR-1260-1

R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 30684304  
Conc: 29.43 ng/ml



#31 AR-1260-1

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 12347304  
Conc: 26.48 ng/ml



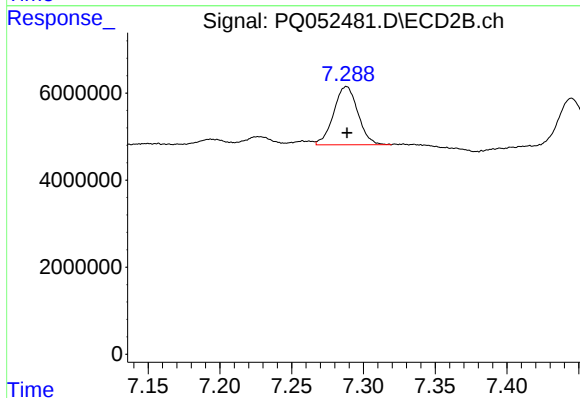
#32 AR-1260-2

R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 34930870  
Conc: 27.56 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

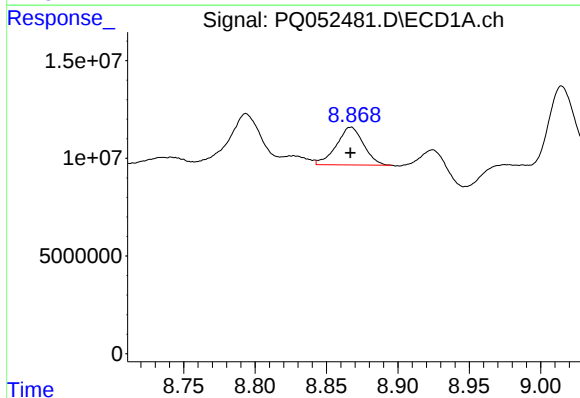
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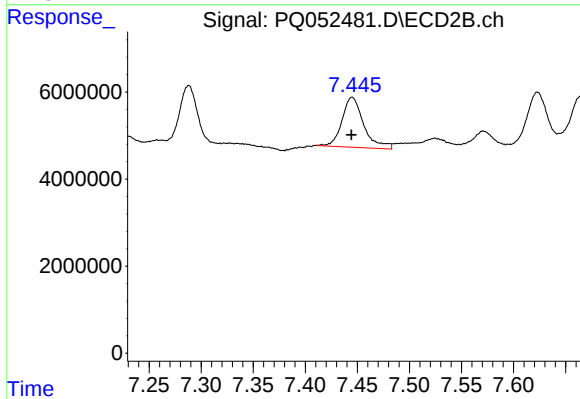
#32 AR-1260-2

R.T.: 7.288 min  
Delta R.T.: 0.000 min  
Response: 15781956  
Conc: 24.63 ng/ml



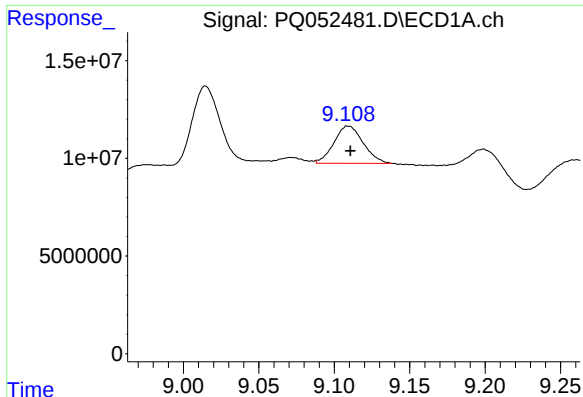
#33 AR-1260-3

R.T.: 8.868 min  
Delta R.T.: 0.000 min  
Response: 25685791  
Conc: 27.05 ng/ml m



#33 AR-1260-3

R.T.: 7.445 min  
Delta R.T.: 0.000 min  
Response: 16639910  
Conc: 30.16 ng/ml



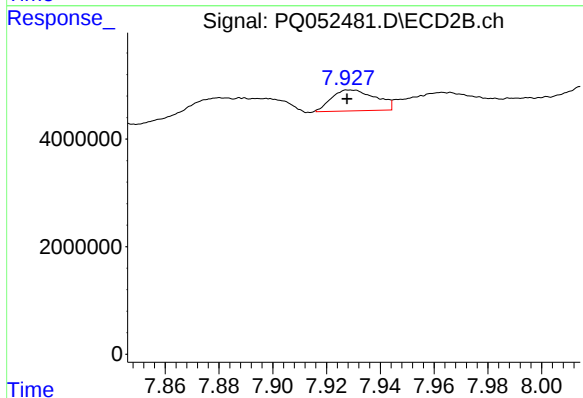
#34 AR-1260-4

R.T.: 9.108 min  
Delta R.T.: -0.003 min  
Response: 25776898  
Conc: 22.72 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2021

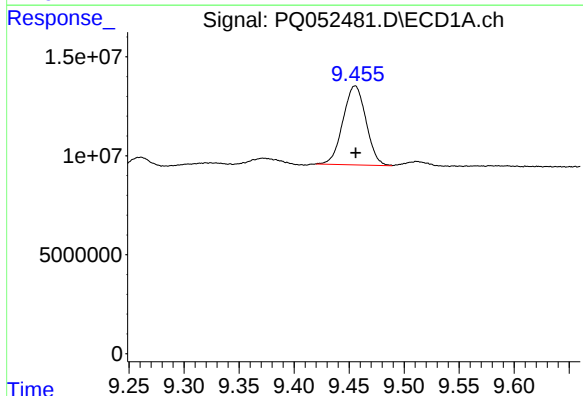
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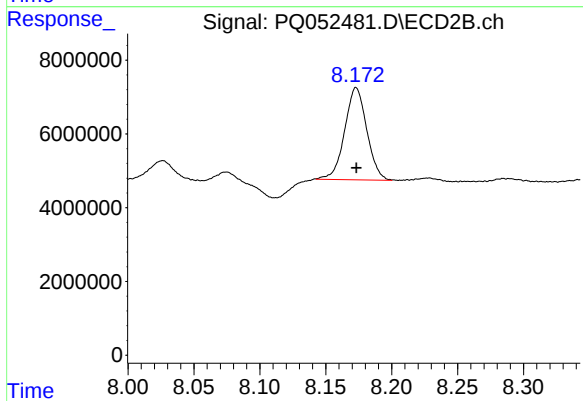
#34 AR-1260-4

R.T.: 7.927 min  
Delta R.T.: 0.000 min  
Response: 4455322  
Conc: 9.40 ng/ml m



#35 AR-1260-5

R.T.: 9.455 min  
Delta R.T.: 0.000 min  
Response: 58209980  
Conc: 24.33 ng/ml m



#35 AR-1260-5

R.T.: 8.172 min  
Delta R.T.: 0.000 min  
Response: 29272528  
Conc: 22.24 ng/ml m