

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081324\  
 Data File : P0105500.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2024 14:51  
 Operator : YP/AJ  
 Sample : P3390-03  
 Misc : AR1660 MDL 25 PPB  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024  
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 02:10:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081024.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Aug 10 04:08:56 2024  
 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...          | 4.426  | 3.534 | 100.2E6  | 46358539 | 11.475  | 14.759 # |
| 2) SA Decachlor...          | 10.215 | 8.425 | 78458004 | 29226768 | 13.639  | 16.509   |
| Target Compounds            |        |       |          |          |         |          |
| 3) L1 AR-1016-1             | 5.597  | 4.589 | 4873068  | 2342320  | 16.109  | 20.842 # |
| 4) L1 AR-1016-2             | 5.619  | 4.607 | 7042285  | 3163102  | 16.473  | 20.317   |
| 5) L1 AR-1016-3             | 5.681  | 4.778 | 4072009  | 1624502  | 15.870  | 19.398   |
| 6) L1 AR-1016-4             | 5.781  | 4.821 | 4348922  | 1342844  | 19.884  | 19.941   |
| 7) L1 AR-1016-5             | 6.078  | 5.028 | 3766455  | 1811450  | 17.604  | 21.644   |
| 31) L7 AR-1260-1            | 7.213  | 6.043 | 6609572  | 4386359  | 18.033  | 28.100 # |
| 32) L7 AR-1260-2            | 7.472  | 6.229 | 8897167  | 4921242  | 21.368  | 26.038   |
| 33) L7 AR-1260-3            | 7.835  | 6.380 | 5657115  | 6787581  | 21.858m | 36.742 # |
| 34) L7 AR-1260-4            | 8.062  | 6.845 | 5427196  | 3406763  | 16.450m | 27.872 # |
| 35) L7 AR-1260-5            | 8.385  | 7.085 | 11818718 | 7073236  | 19.868m | 25.414 # |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081324\  
Data File : PO105500.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2024 14:51  
Operator : YP/AJ  
Sample : P3390-03  
Misc : AR1660 MDL 25 PPB  
ALS Vial : 15 Sample Multiplier: 1

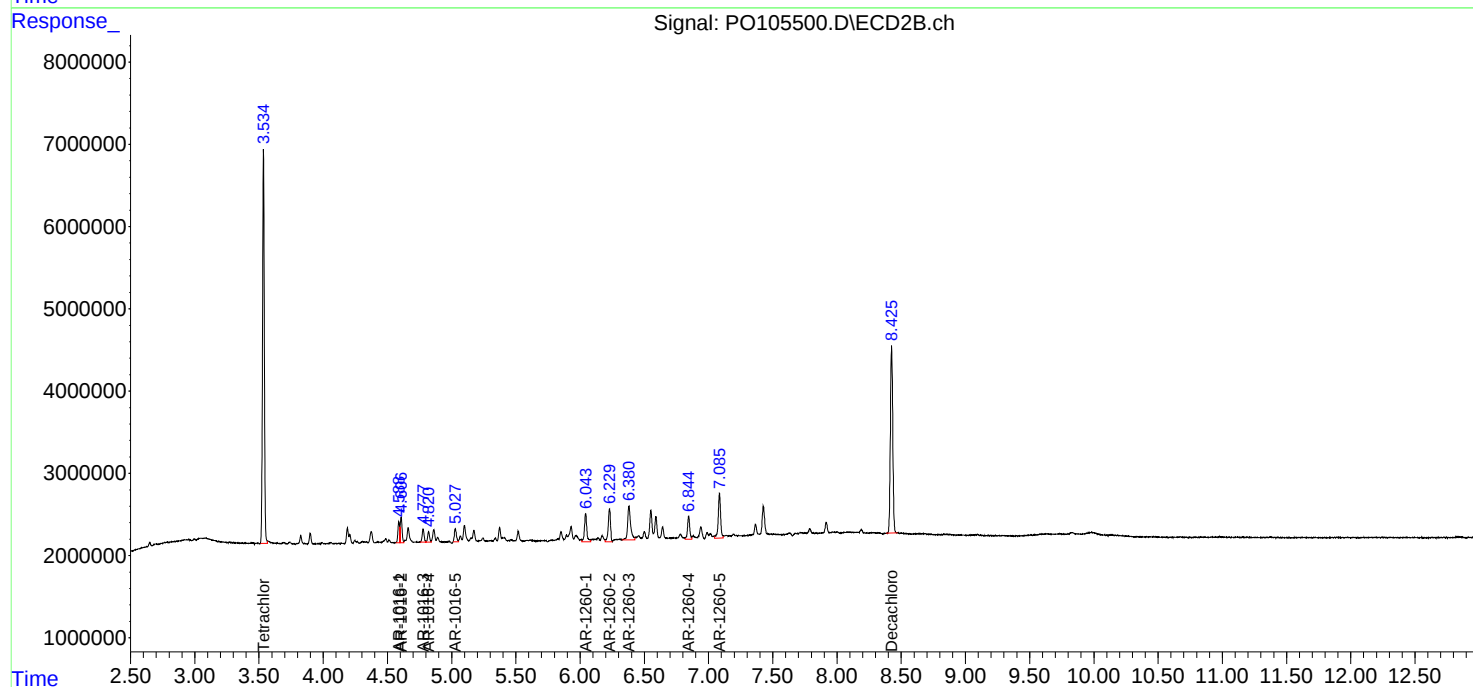
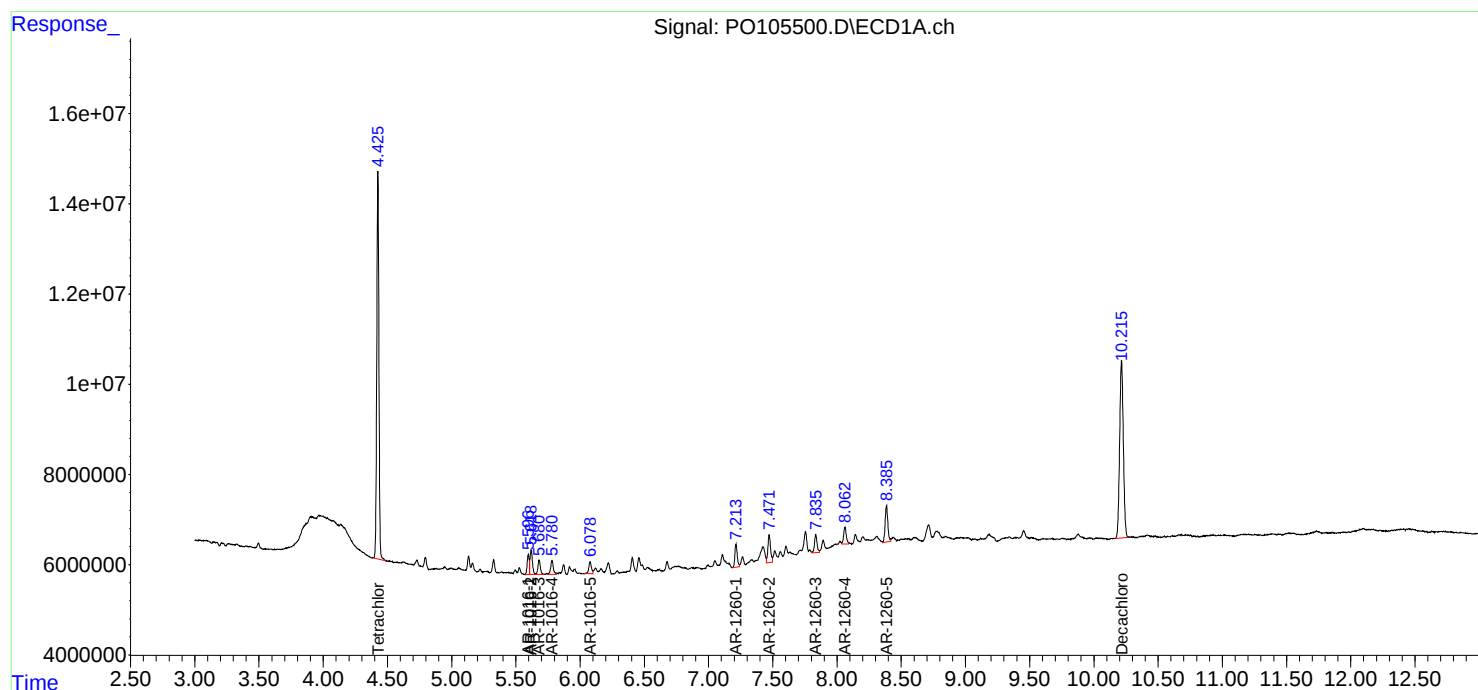
Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

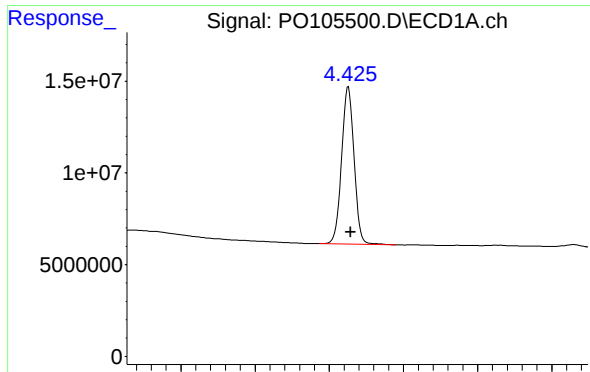
Manual Integrations  
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Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 02:10:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081024.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Aug 10 04:08:56 2024  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





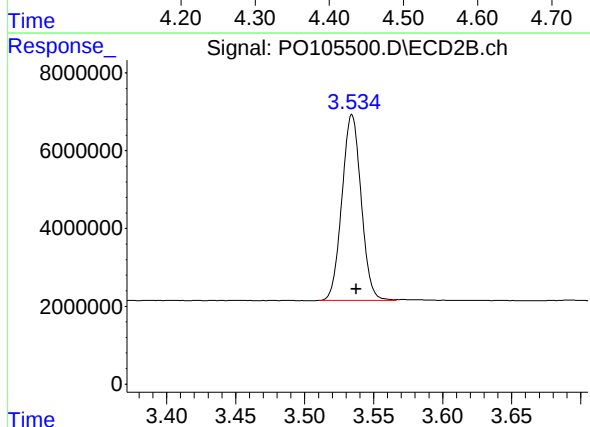
#1 Tetrachloro-m-xylene

R.T.: 4.426 min  
Delta R.T.: -0.003 min  
Response: 100228407  
Conc: 11.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

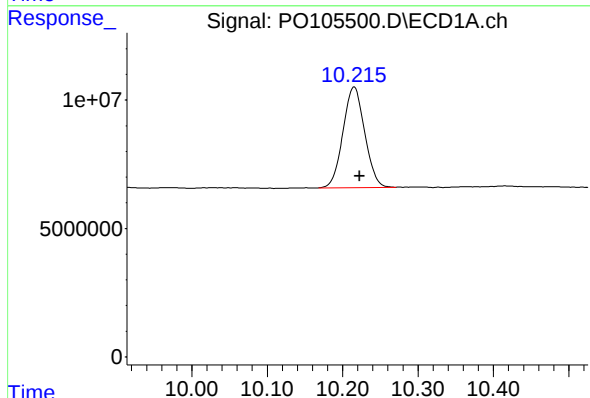
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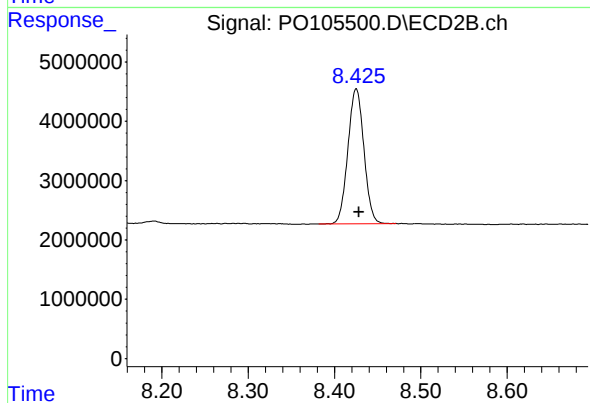
#1 Tetrachloro-m-xylene

R.T.: 3.534 min  
Delta R.T.: -0.003 min  
Response: 46358539  
Conc: 14.76 ng/ml



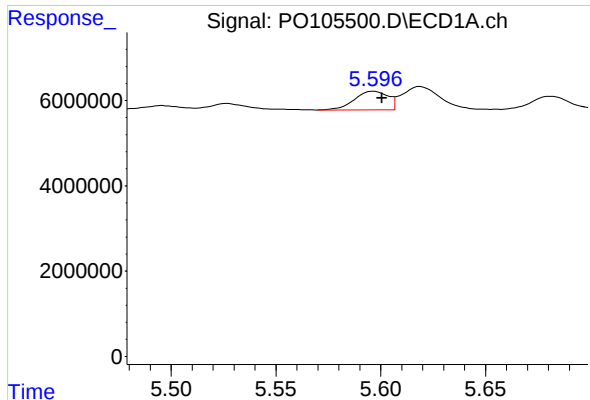
#2 Decachlorobiphenyl

R.T.: 10.215 min  
Delta R.T.: -0.007 min  
Response: 78458004  
Conc: 13.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.425 min  
Delta R.T.: -0.003 min  
Response: 29226768  
Conc: 16.51 ng/ml



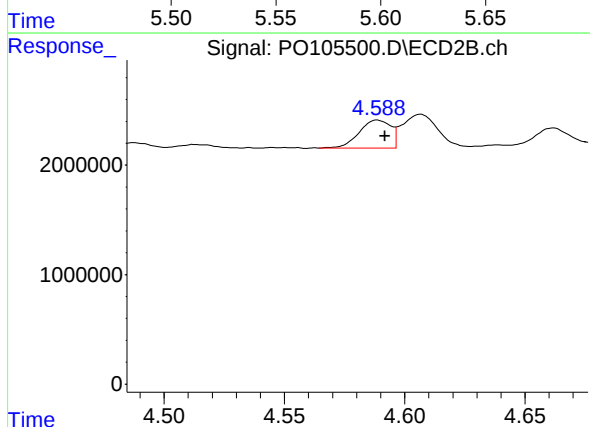
#3 AR-1016-1

R.T.: 5.597 min  
Delta R.T.: -0.004 min  
Response: 4873068  
Conc: 16.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

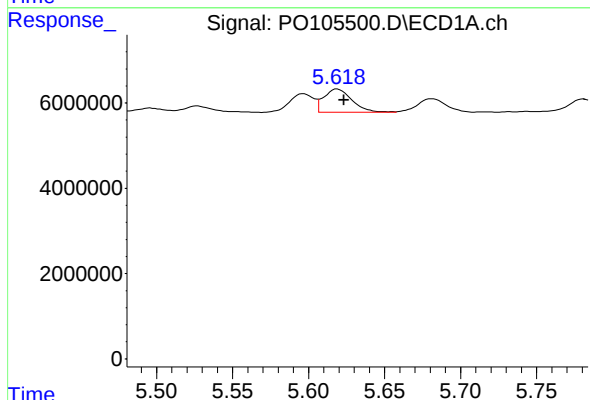
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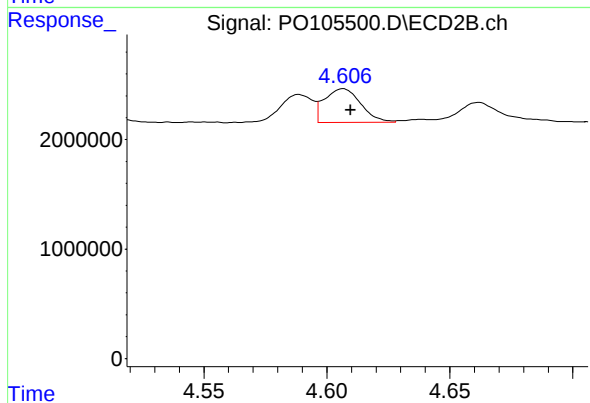
#3 AR-1016-1

R.T.: 4.589 min  
Delta R.T.: -0.003 min  
Response: 2342320  
Conc: 20.84 ng/ml



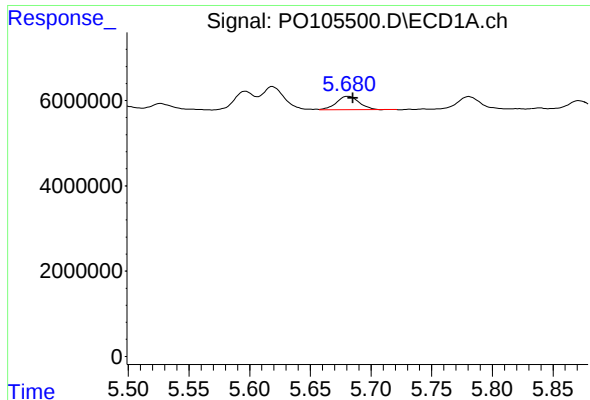
#4 AR-1016-2

R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 7042285  
Conc: 16.47 ng/ml



#4 AR-1016-2

R.T.: 4.607 min  
Delta R.T.: -0.003 min  
Response: 3163102  
Conc: 20.32 ng/ml



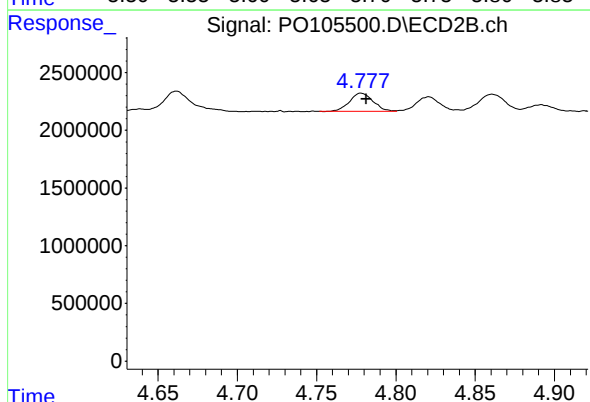
#5 AR-1016-3

R.T.: 5.681 min  
Delta R.T.: -0.004 min  
Response: 4072009  
Conc: 15.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

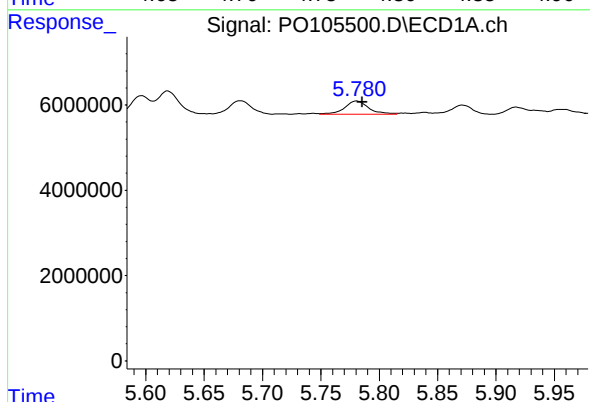
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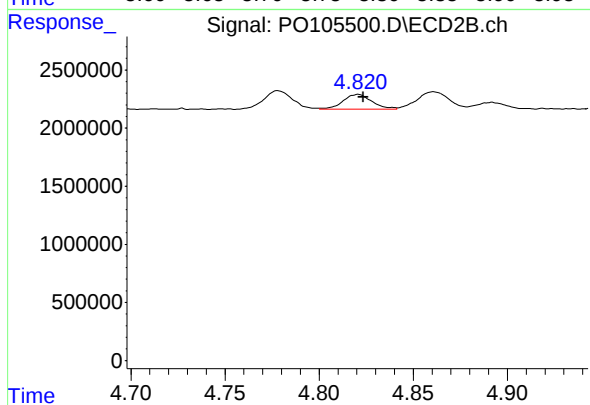
#5 AR-1016-3

R.T.: 4.778 min  
Delta R.T.: -0.003 min  
Response: 1624502  
Conc: 19.40 ng/ml



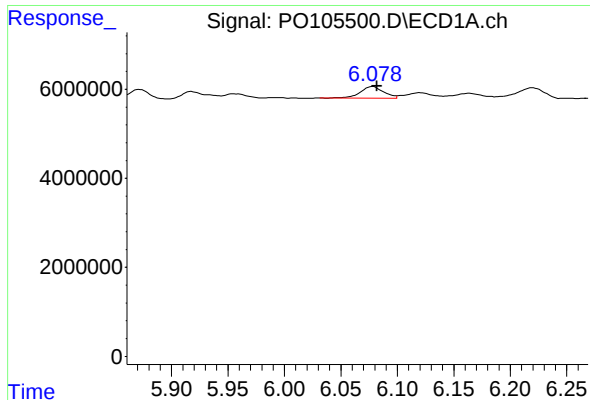
#6 AR-1016-4

R.T.: 5.781 min  
Delta R.T.: -0.005 min  
Response: 4348922  
Conc: 19.88 ng/ml



#6 AR-1016-4

R.T.: 4.821 min  
Delta R.T.: -0.003 min  
Response: 1342844  
Conc: 19.94 ng/ml



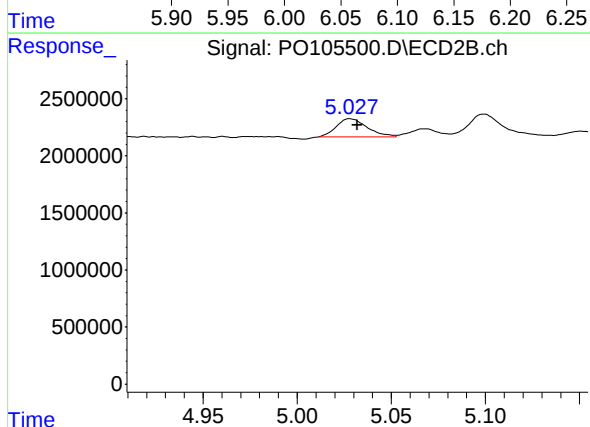
#7 AR-1016-5

R.T.: 6.078 min  
Delta R.T.: -0.004 min  
Response: 3766455  
Conc: 17.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

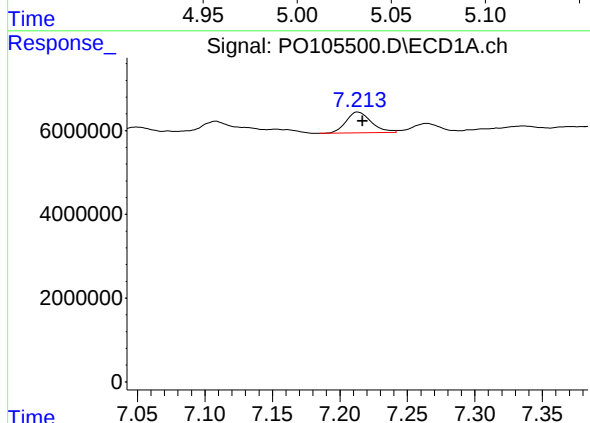
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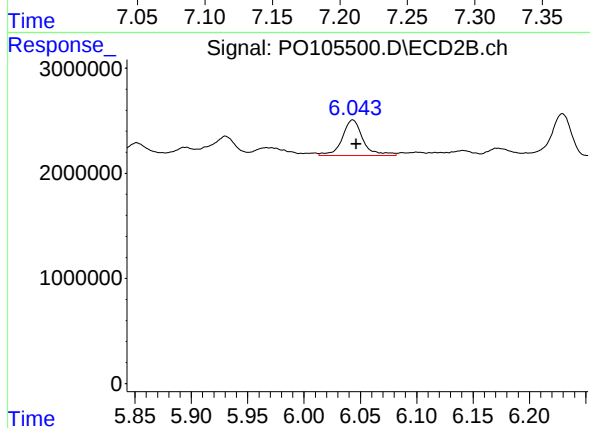
#7 AR-1016-5

R.T.: 5.028 min  
Delta R.T.: -0.004 min  
Response: 1811450  
Conc: 21.64 ng/ml



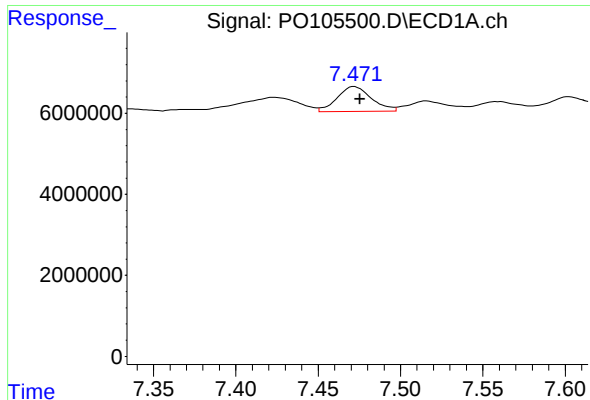
#31 AR-1260-1

R.T.: 7.213 min  
Delta R.T.: -0.003 min  
Response: 6609572  
Conc: 18.03 ng/ml



#31 AR-1260-1

R.T.: 6.043 min  
Delta R.T.: -0.003 min  
Response: 4386359  
Conc: 28.10 ng/ml



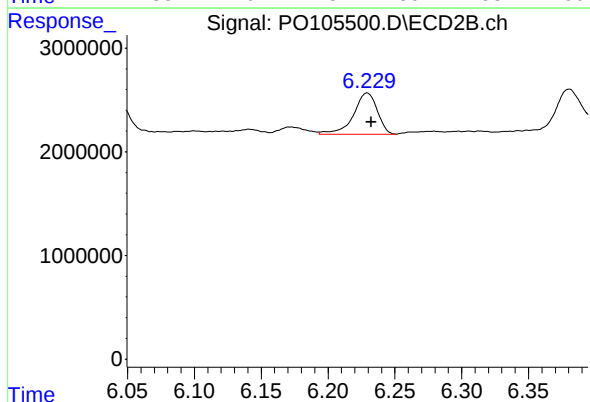
#32 AR-1260-2

R.T.: 7.472 min  
Delta R.T.: -0.004 min  
Response: 8897167  
Conc: 21.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

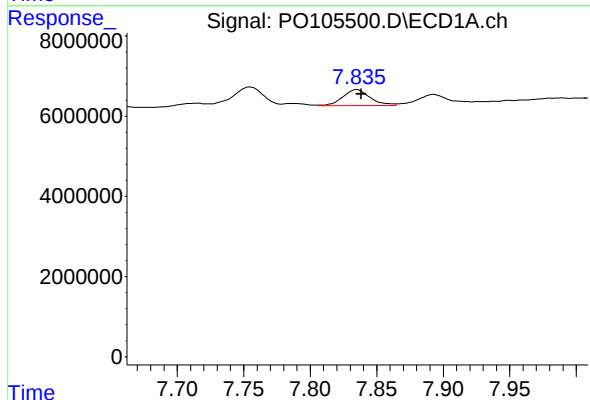
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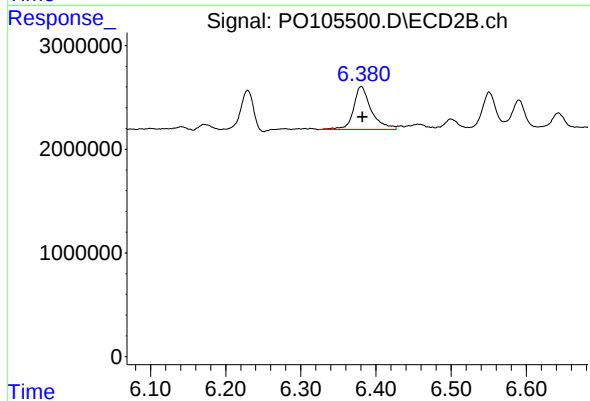
#32 AR-1260-2

R.T.: 6.229 min  
Delta R.T.: -0.003 min  
Response: 4921242  
Conc: 26.04 ng/ml



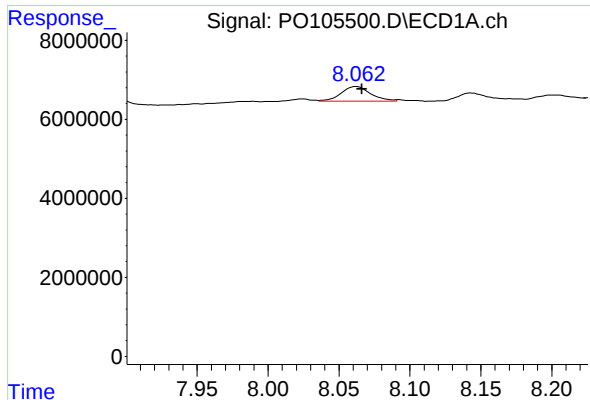
#33 AR-1260-3

R.T.: 7.835 min  
Delta R.T.: -0.004 min  
Response: 5657115  
Conc: 21.86 ng/ml m



#33 AR-1260-3

R.T.: 6.380 min  
Delta R.T.: -0.002 min  
Response: 6787581  
Conc: 36.74 ng/ml



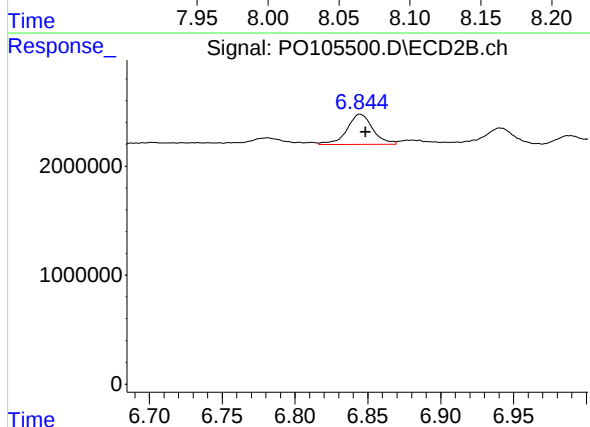
#34 AR-1260-4

R.T.: 8.062 min  
Delta R.T.: -0.004 min  
Response: 5427196  
Conc: 16.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-SOIL-03-QT3-2024

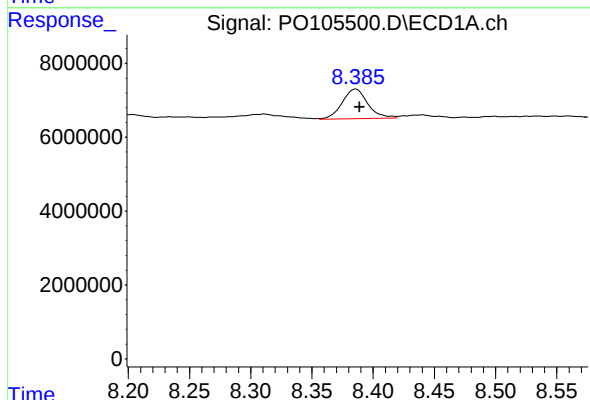
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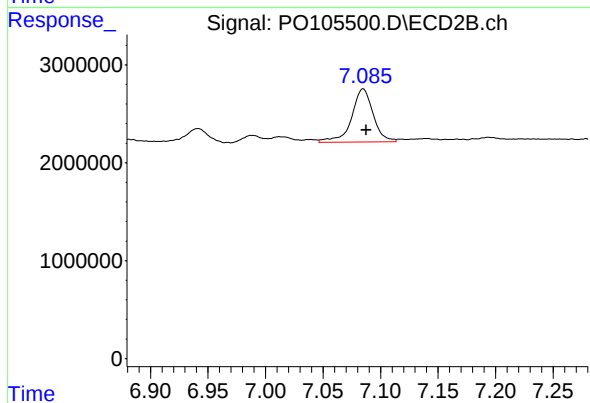
#34 AR-1260-4

R.T.: 6.845 min  
Delta R.T.: -0.003 min  
Response: 3406763  
Conc: 27.87 ng/ml



#35 AR-1260-5

R.T.: 8.385 min  
Delta R.T.: -0.003 min  
Response: 11818718  
Conc: 19.87 ng/ml m



#35 AR-1260-5

R.T.: 7.085 min  
Delta R.T.: -0.003 min  
Response: 7073236  
Conc: 25.41 ng/ml