

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 22:10
 Operator : YP\AJ
 Sample : 03572-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:20:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 2023
 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...	3.453	2.784	103.6E6	76804612	19.289	18.623
2) SA Decachlor...	8.686	7.595	87059749	90725034	22.486	20.975
Target Compounds						
3) L1 AR-1016-1	4.565	3.796	9748843	7649739	50.104	48.001
4) L1 AR-1016-2	4.584	3.812	13714476	9991684	49.426	46.762
5) L1 AR-1016-3	4.642	3.974	8855896	5603272	51.788	46.867
6) L1 AR-1016-4	4.735	4.022	7166253	4929982	50.922	50.811
7) L1 AR-1016-5	5.026	4.220	7523864	6288931	54.682	49.976
31) L7 AR-1260-1	6.134	5.222	14385111	14252806	56.272m	57.108
32) L7 AR-1260-2	6.397	5.413	15694101	15653099	51.708m	50.826
33) L7 AR-1260-3	6.753	5.557	12911146	16052856	61.248	51.805
34) L7 AR-1260-4	6.971	6.022	13939874	13903409	58.166	56.699
35) L7 AR-1260-5	7.283	6.269	24867552	28506835	53.005	52.160

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

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ALS Vial : 40 Sample Multiplier: 1

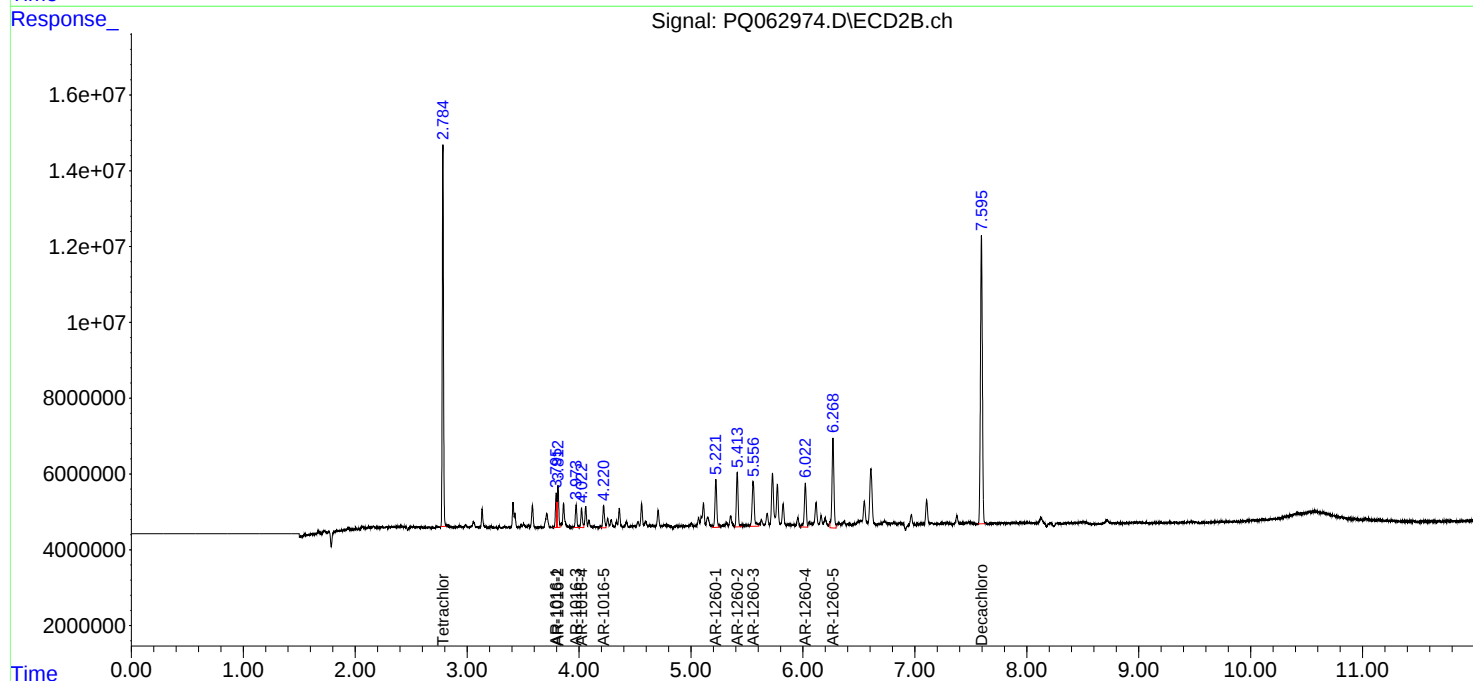
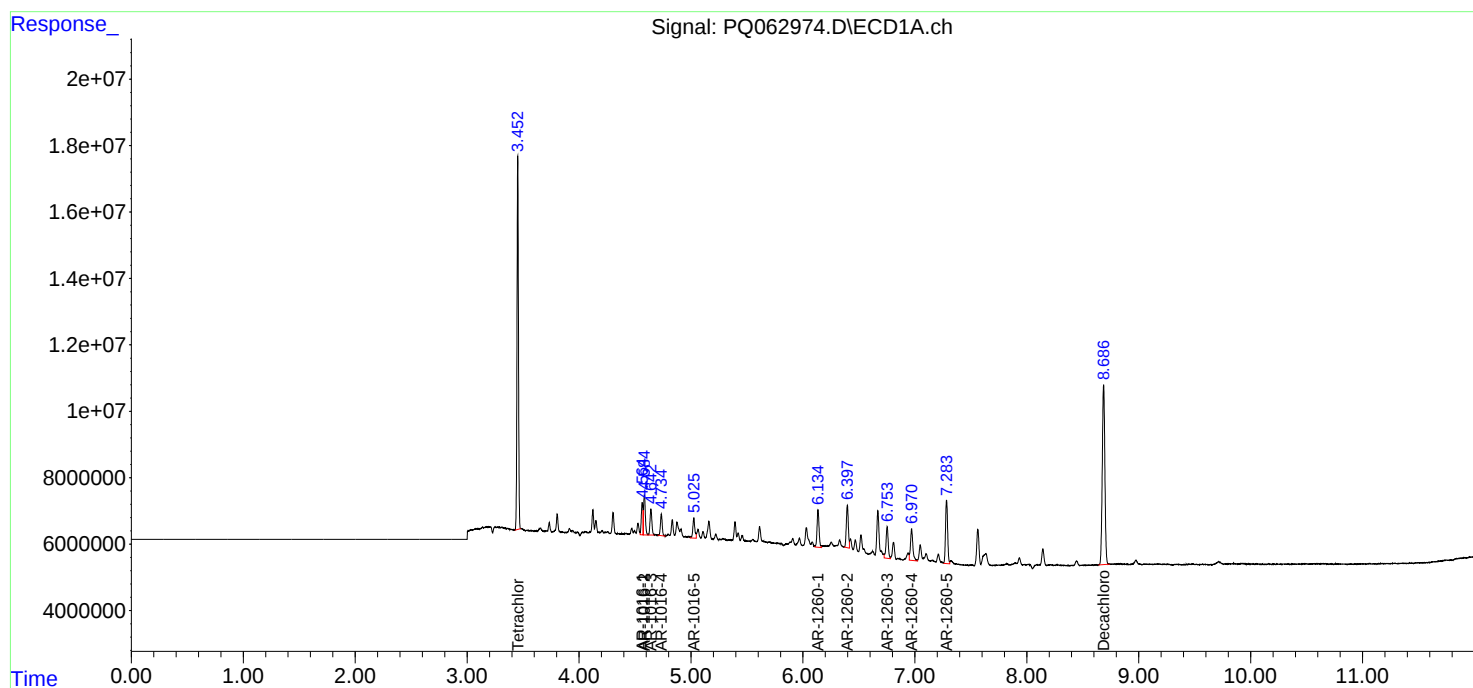
Instrument :
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ClientSampleId :
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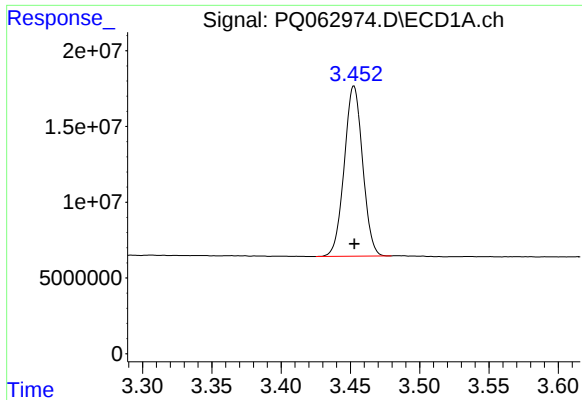
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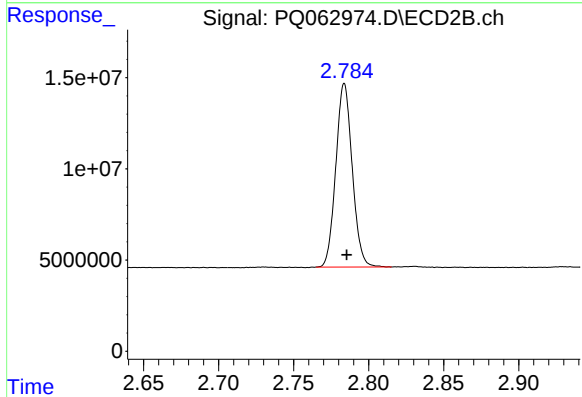
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 103645840
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

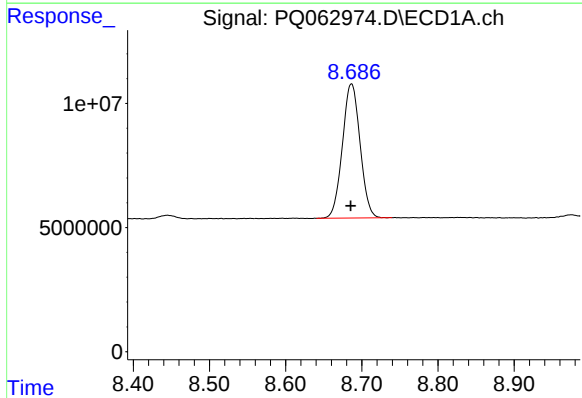
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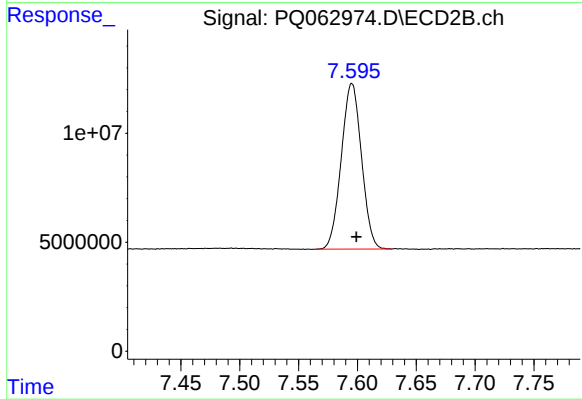
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.002 min
Response: 76804612
Conc: 18.62 ng/ml



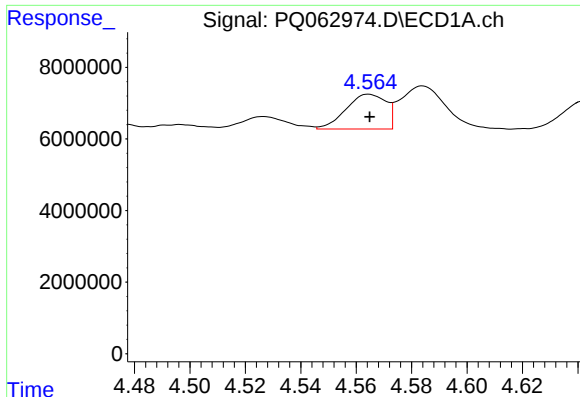
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 87059749
Conc: 22.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 90725034
Conc: 20.98 ng/ml



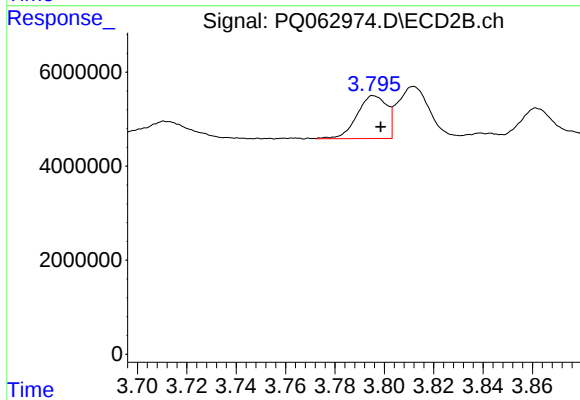
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 9748843
Conc: 50.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

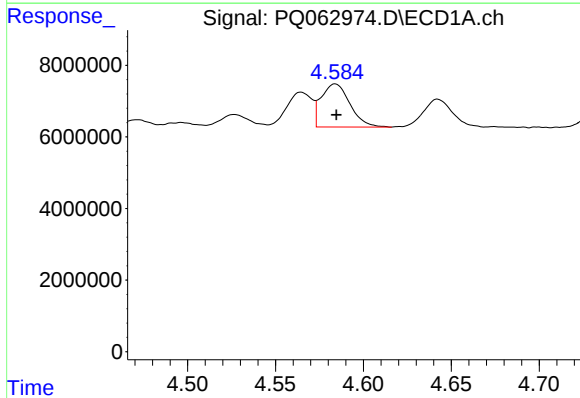
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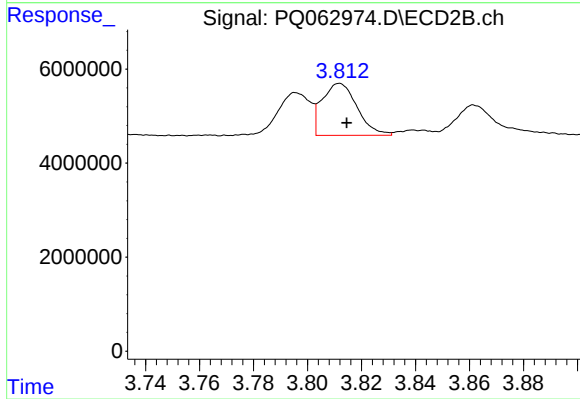
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.003 min
Response: 7649739
Conc: 48.00 ng/ml



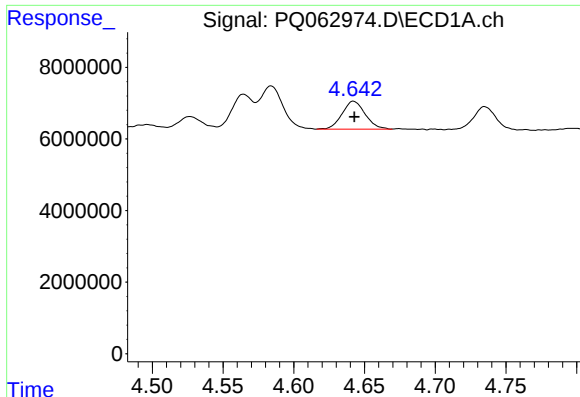
#4 AR-1016-2

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 13714476
Conc: 49.43 ng/ml



#4 AR-1016-2

R.T.: 3.812 min
Delta R.T.: -0.003 min
Response: 9991684
Conc: 46.76 ng/ml



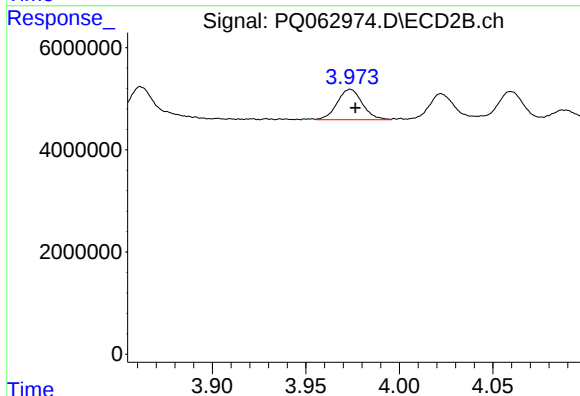
#5 AR-1016-3

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 8855896
Conc: 51.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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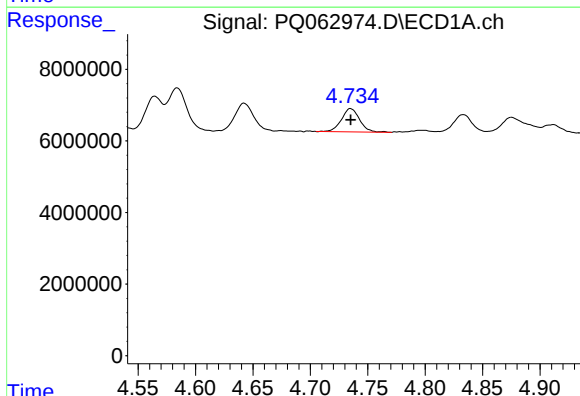
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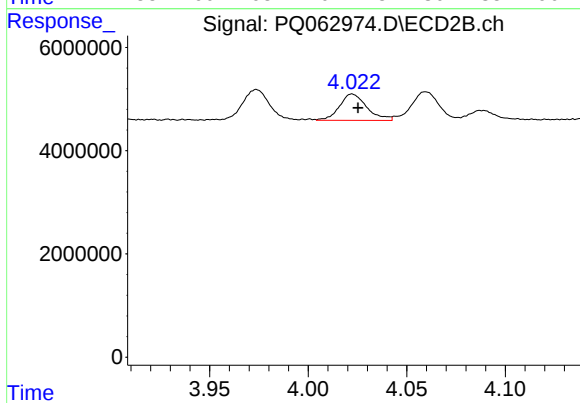
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 5603272
Conc: 46.87 ng/ml



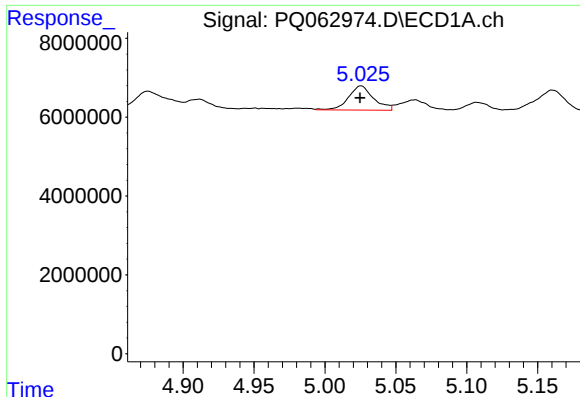
#6 AR-1016-4

R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 7166253
Conc: 50.92 ng/ml



#6 AR-1016-4

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 4929982
Conc: 50.81 ng/ml



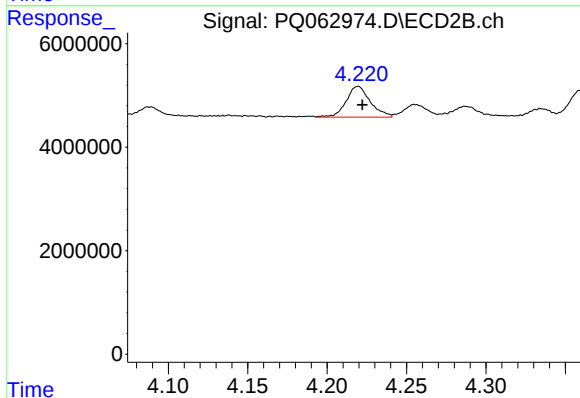
#7 AR-1016-5

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 7523864
Conc: 54.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

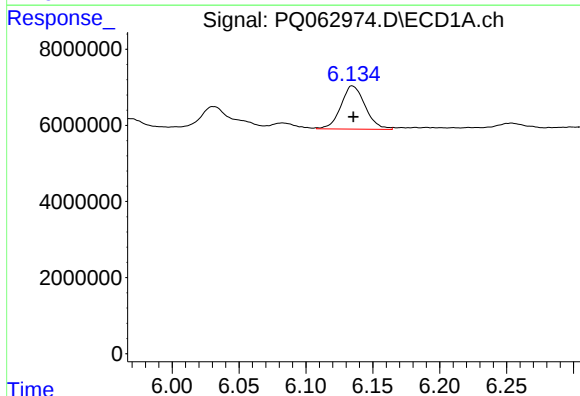
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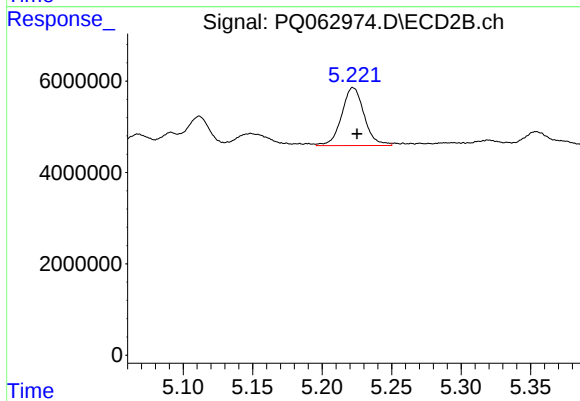
#7 AR-1016-5

R.T.: 4.220 min
Delta R.T.: -0.003 min
Response: 6288931
Conc: 49.98 ng/ml



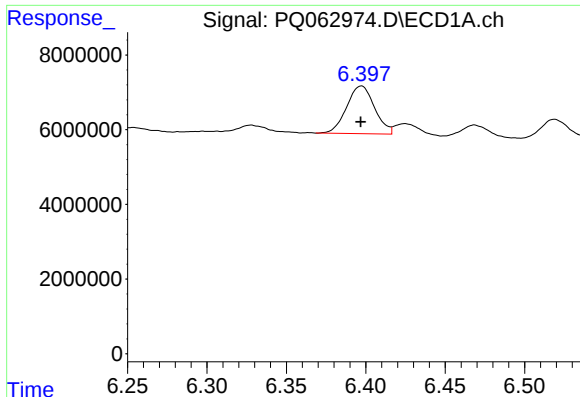
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 14385111
Conc: 56.27 ng/ml m



#31 AR-1260-1

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 14252806
Conc: 57.11 ng/ml



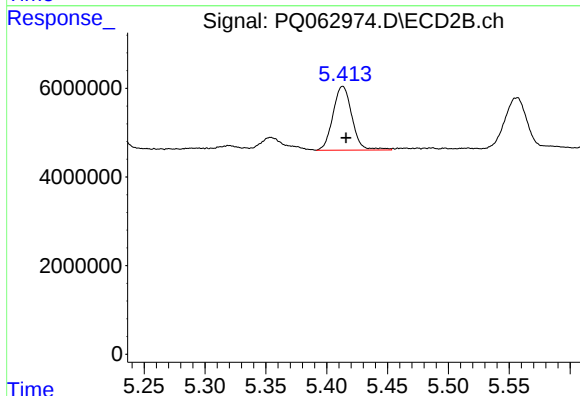
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 15694101
Conc: 51.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

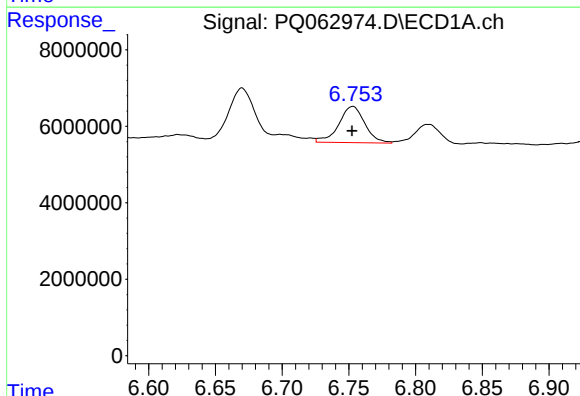
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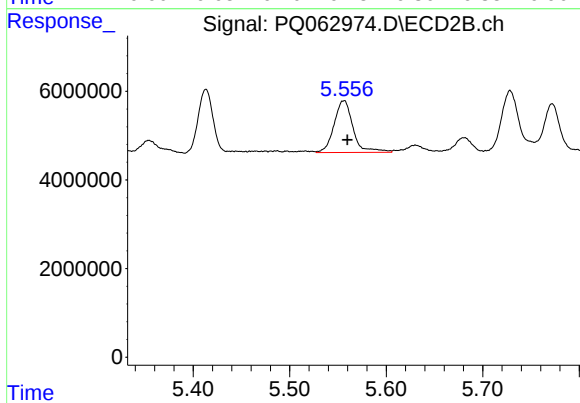
#32 AR-1260-2

R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 15653099
Conc: 50.83 ng/ml



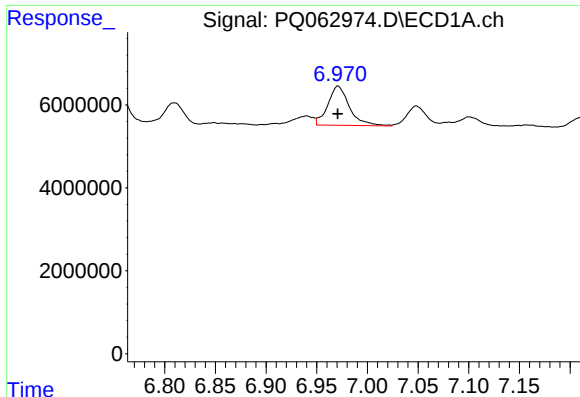
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 12911146
Conc: 61.25 ng/ml



#33 AR-1260-3

R.T.: 5.557 min
Delta R.T.: -0.003 min
Response: 16052856
Conc: 51.81 ng/ml



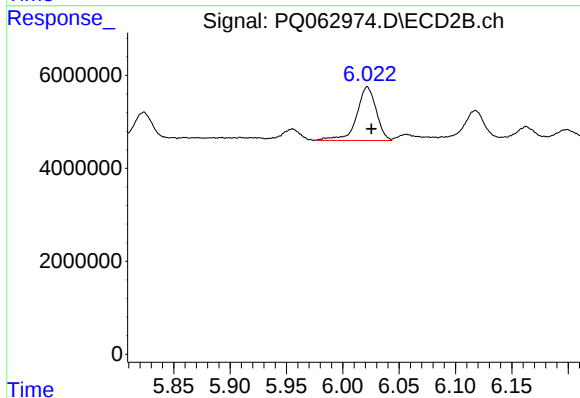
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 13939874
Conc: 58.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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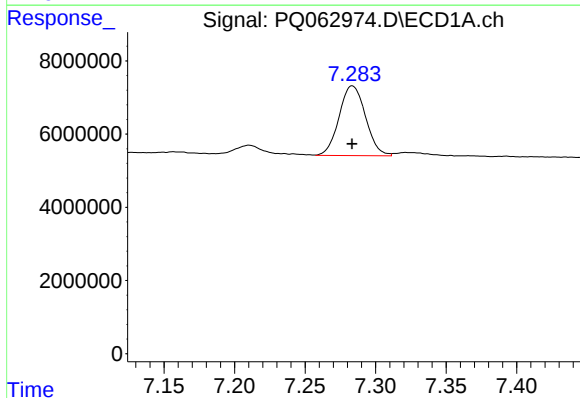
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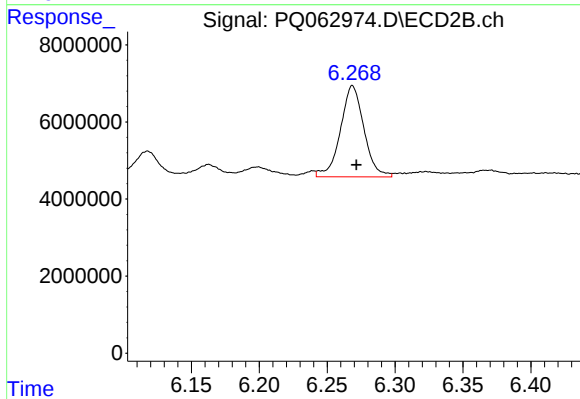
#34 AR-1260-4

R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 13903409
Conc: 56.70 ng/ml



#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 24867552
Conc: 53.01 ng/ml



#35 AR-1260-5

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 28506835
Conc: 52.16 ng/ml