

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041123\
 Data File : PQ060919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 09:48
 Operator : YP\AJ
 Sample : 02213-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2023
 Supervised By :Ankita Jodhani 04/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 17:33:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.405	2.762	118.7E6	53847074	15.122	13.699
2)	SA Decachlor...	8.586	7.539	94527389	65936716	16.751	13.991
Target Compounds							
3)	L1 AR-1016-1	4.505	3.765	5517968	2879503	19.831m	20.115
4)	L1 AR-1016-2	4.524	3.781	8815898	4327557	21.213m	20.558
5)	L1 AR-1016-3	4.581	3.941	7126740	2277589	27.321	20.540
6)	L1 AR-1016-4	4.673	3.990	4313993	2011912	19.947	21.358
7)	L1 AR-1016-5	4.961	4.187	4701160	2738652	21.124	23.233
31)	L7 AR-1260-1	6.064	5.180	8799235	4724539	22.887	20.394
32)	L7 AR-1260-2	6.324	5.371	10857525	4881733	23.706	17.035 #
33)	L7 AR-1260-3	6.676	5.511	7974809	6867007	27.545	25.193
34)	L7 AR-1260-4	6.894	5.973	9310836	4666875	27.039	23.078
35)	L7 AR-1260-5	7.206	6.221	17611874	9550482	26.947	20.639

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

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ALS Vial : 4 Sample Multiplier: 1

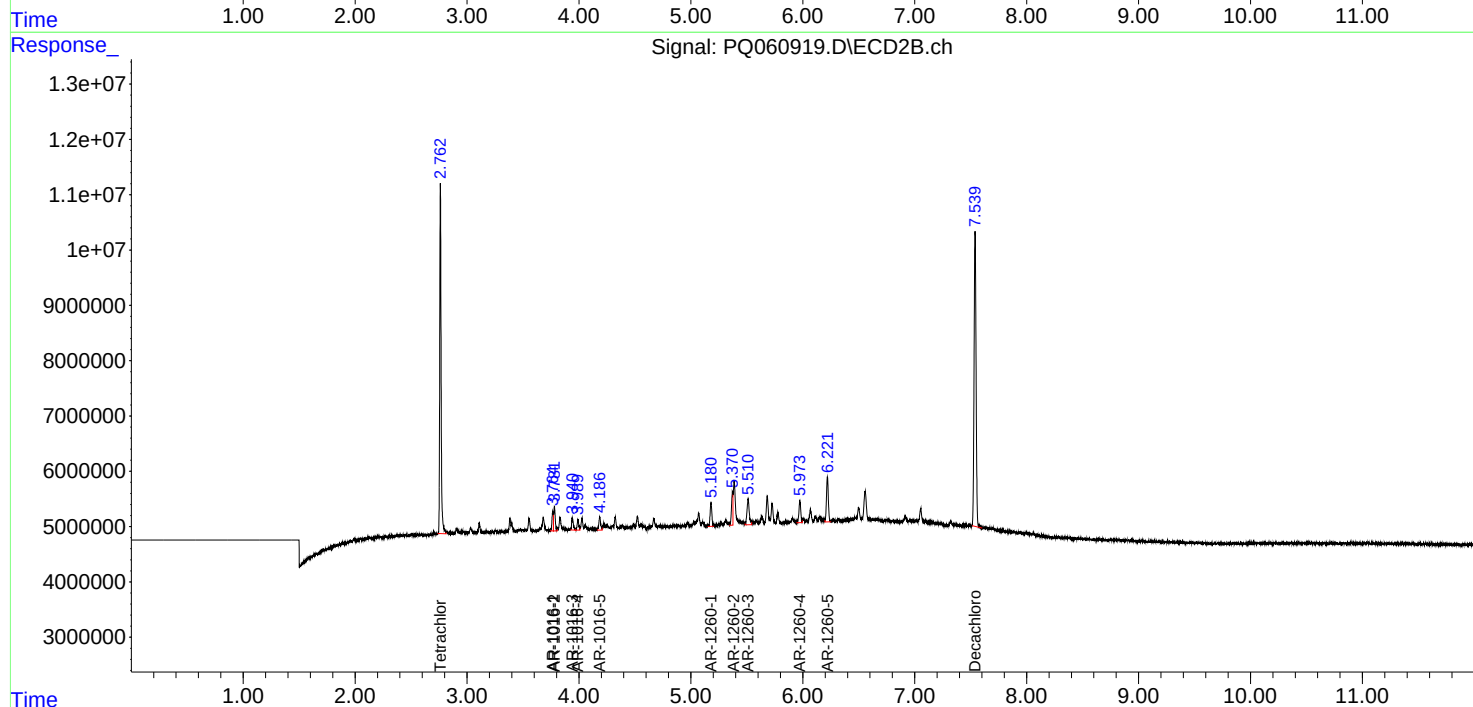
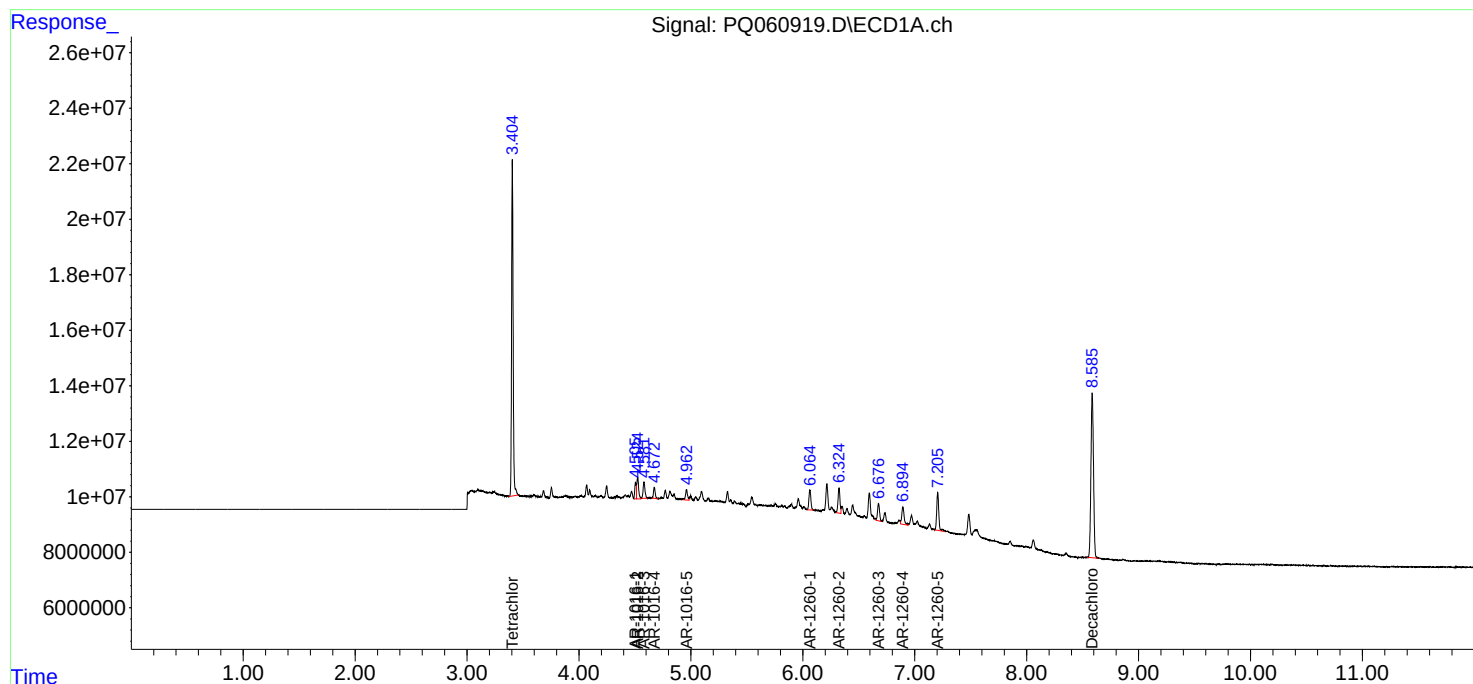
Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT2-2023

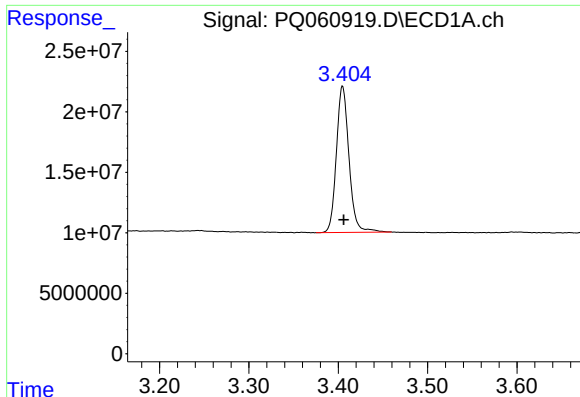
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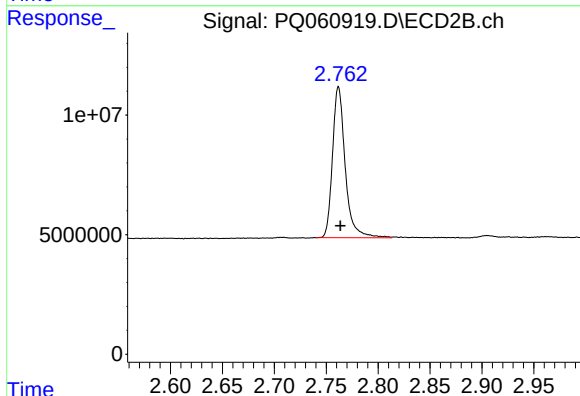
#1 Tetrachloro-m-xylene

R.T.: 3.405 min
Delta R.T.: -0.001 min
Response: 118708954
Conc: 15.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT2-2023

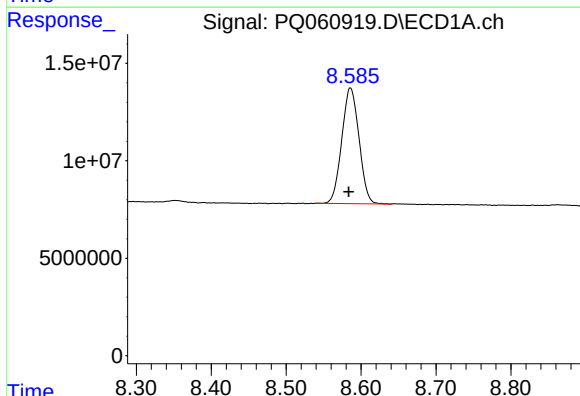
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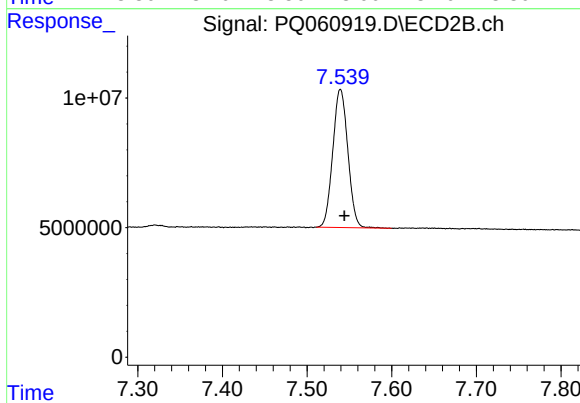
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: -0.002 min
Response: 53847074
Conc: 13.70 ng/ml



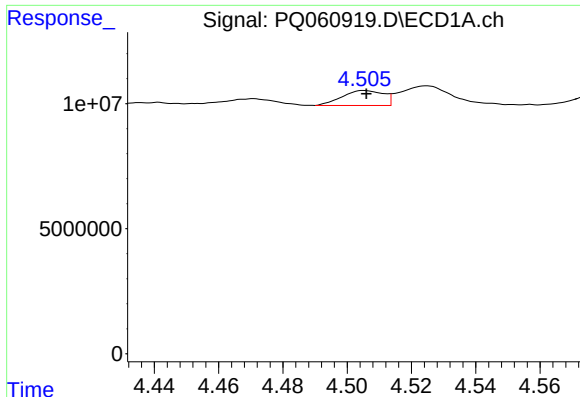
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 94527389
Conc: 16.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.539 min
Delta R.T.: -0.005 min
Response: 65936716
Conc: 13.99 ng/ml



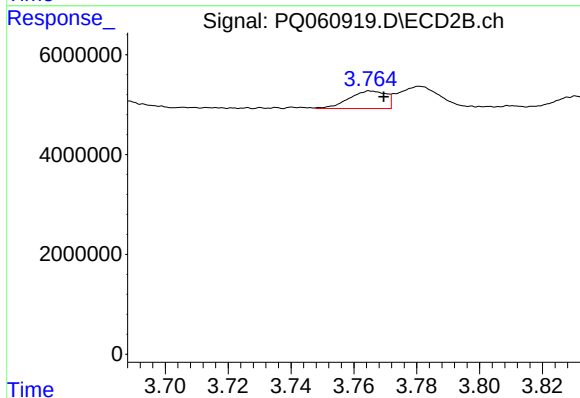
#3 AR-1016-1

R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 5517968
Conc: 19.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT2-2023

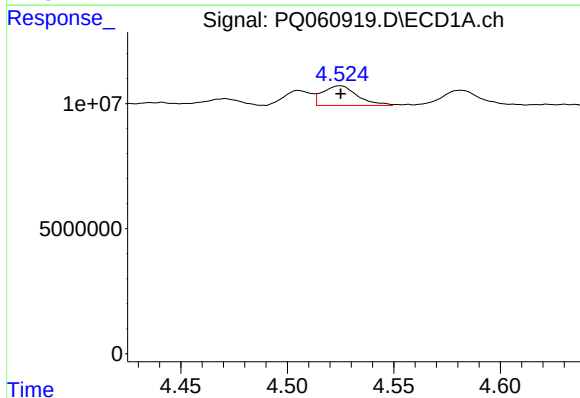
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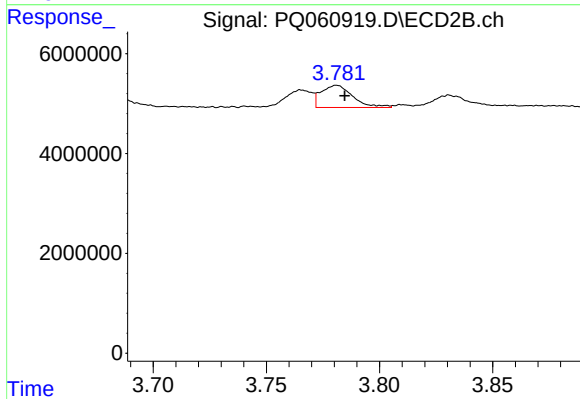
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: -0.004 min
Response: 2879503
Conc: 20.11 ng/ml



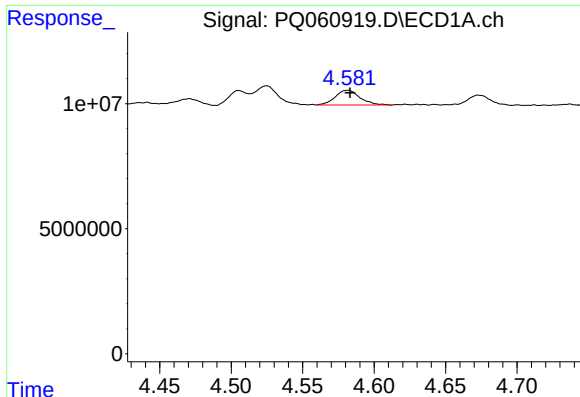
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 8815898
Conc: 21.21 ng/ml m



#4 AR-1016-2

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 4327557
Conc: 20.56 ng/ml



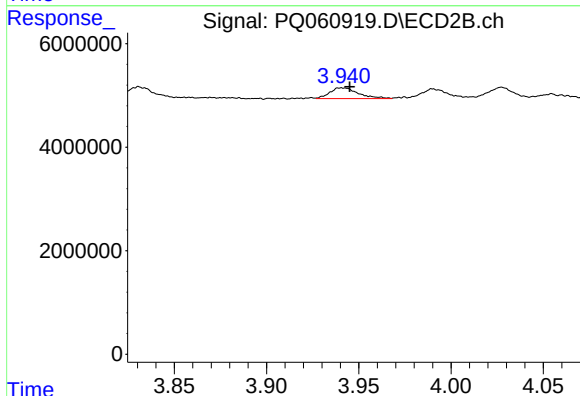
#5 AR-1016-3

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 7126740
Conc: 27.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT2-2023

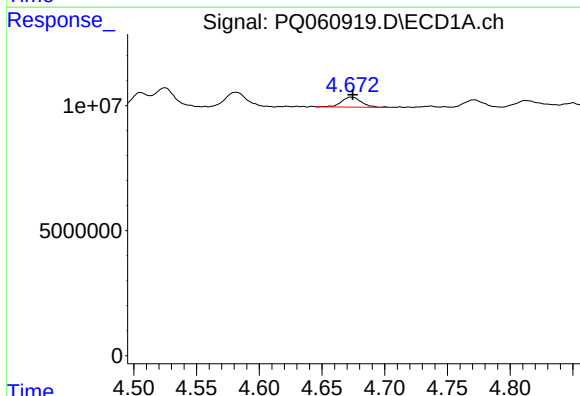
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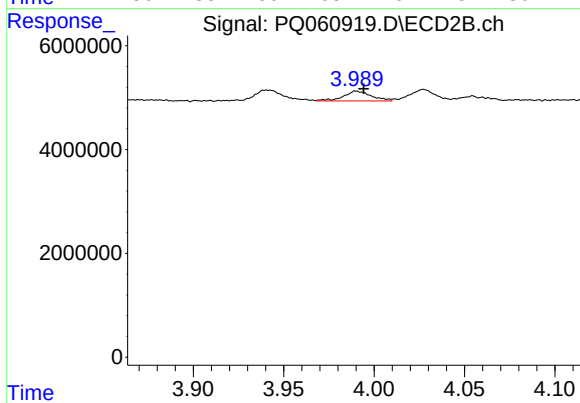
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 2277589
Conc: 20.54 ng/ml



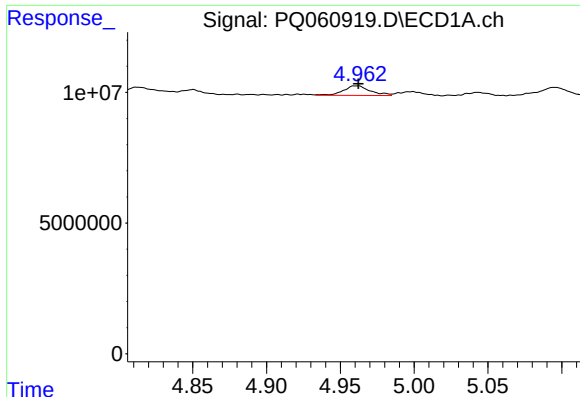
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 4313993
Conc: 19.95 ng/ml



#6 AR-1016-4

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 2011912
Conc: 21.36 ng/ml



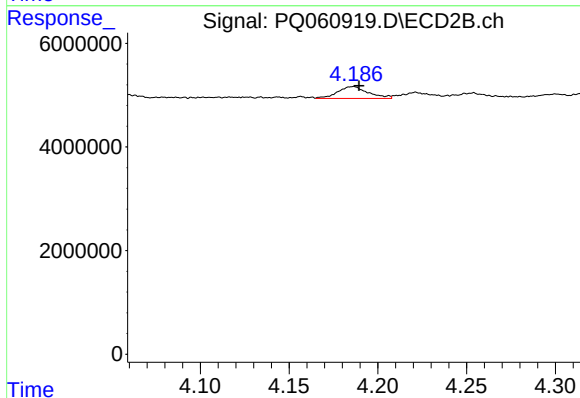
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 4701160
Conc: 21.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT2-2023

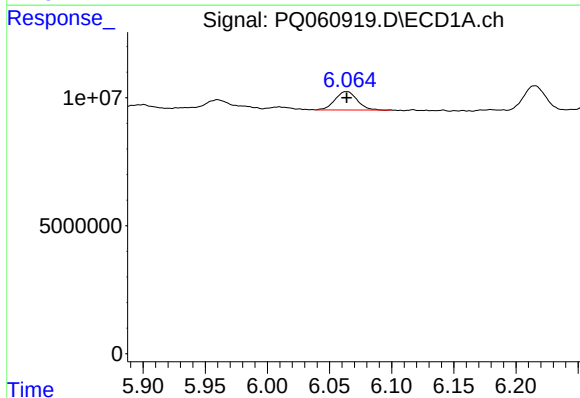
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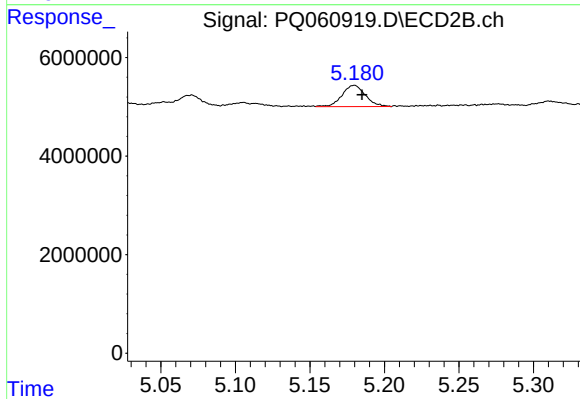
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 2738652
Conc: 23.23 ng/ml



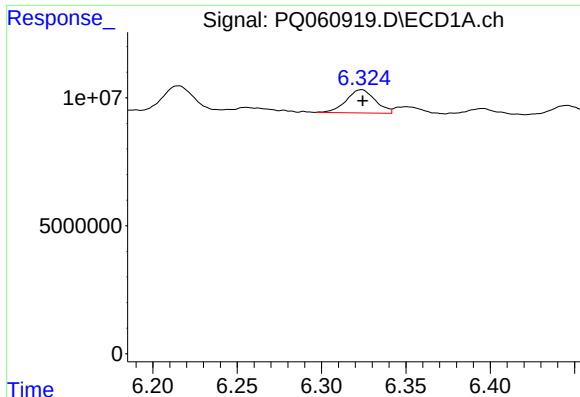
#31 AR-1260-1

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 8799235
Conc: 22.89 ng/ml



#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 4724539
Conc: 20.39 ng/ml



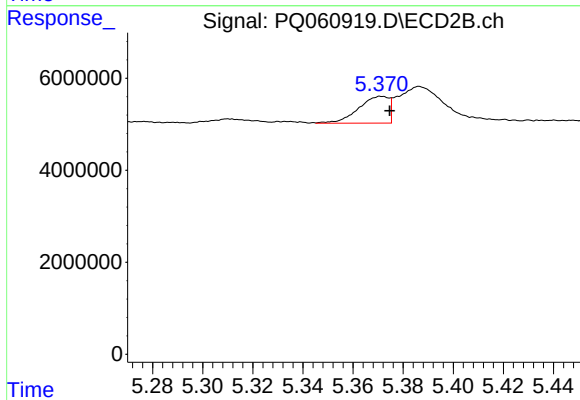
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 10857525
Conc: 23.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT2-2023

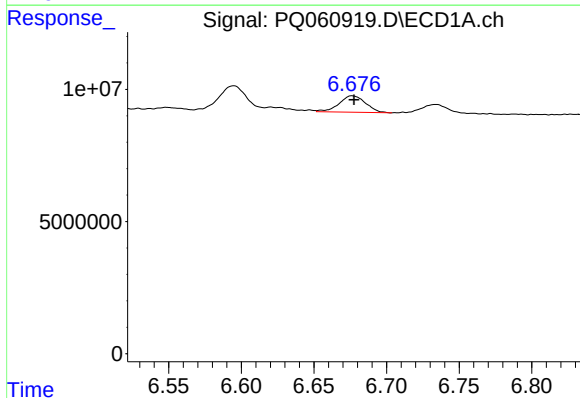
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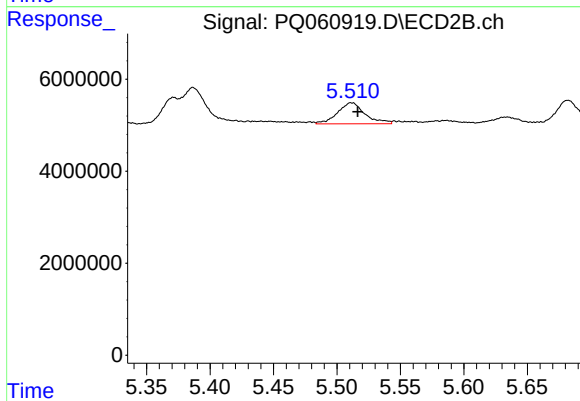
#32 AR-1260-2

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 4881733
Conc: 17.03 ng/ml



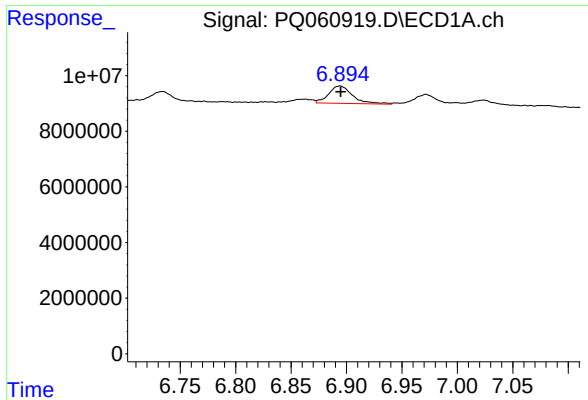
#33 AR-1260-3

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 7974809
Conc: 27.55 ng/ml



#33 AR-1260-3

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 6867007
Conc: 25.19 ng/ml



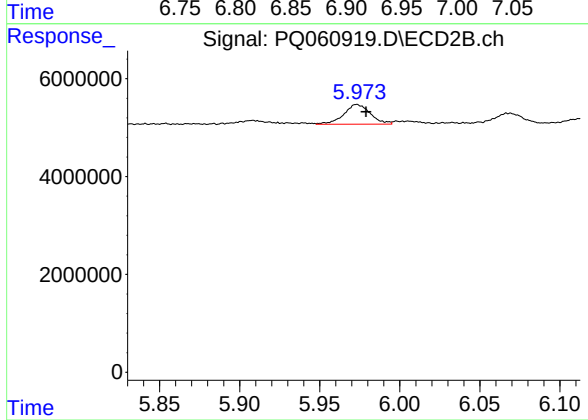
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 9310836
Conc: 27.04 ng/ml

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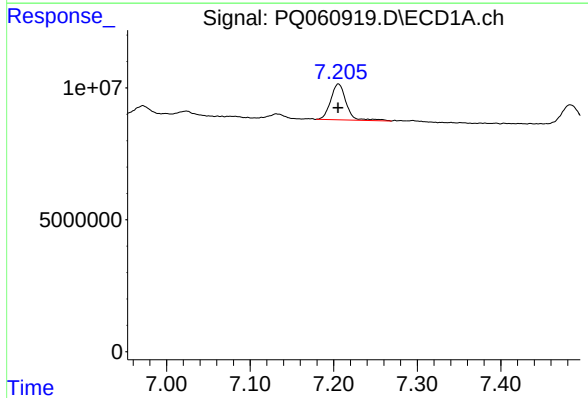
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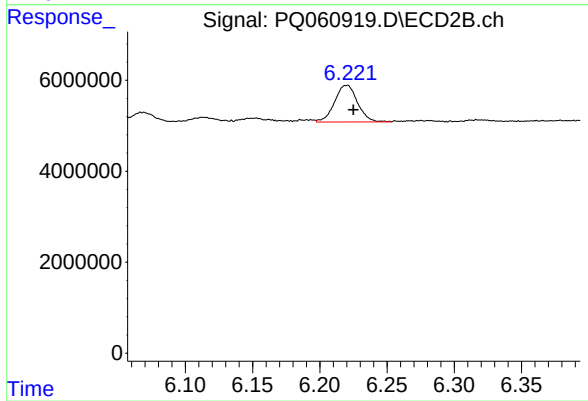
#34 AR-1260-4

R.T.: 5.973 min
Delta R.T.: -0.006 min
Response: 4666875
Conc: 23.08 ng/ml



#35 AR-1260-5

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 17611874
Conc: 26.95 ng/ml



#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 9550482
Conc: 20.64 ng/ml