Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
Data File : PQ060480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2023 04:27
Operator : YP\AJ
Sample : O1627-03
Misc : AR1660 MDL 25 PPB
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 05:19:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 24 16:56:07 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...	3.436	2.796	482.9E6	267.9E6	20.986	23.811
2) SA Decachlor...	8.573	7.533	306.3E6	269.9E6	22.586	25.148
Target Compounds						
3) L1 AR-1016-1	4.516	3.788	24268640	12087315	30.528m	30.982
4) L1 AR-1016-2	4.536	3.803	35987563	18886136	30.072	32.015
5) L1 AR-1016-3	4.594	3.961	23719136	9192123	32.006	29.237
6) L1 AR-1016-4	4.684	4.007	17230776	7469670	27.777	30.472
7) L1 AR-1016-5	4.964	4.200	19104546	9688838	32.473	30.338
31) L7 AR-1260-1	6.056	5.173	30592538	20395932	29.203	33.209
32) L7 AR-1260-2	6.315	5.360	38108669	23632432	30.729	31.694
33) L7 AR-1260-3	6.669	5.500	24748791	26257848	27.686	36.127 #
34) L7 AR-1260-4	6.888	5.965	29920055	20095205	30.367	34.095
35) L7 AR-1260-5	7.198	6.211	54716423	41936485	28.146	30.489

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

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Operator : YP\AJ
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ALS Vial : 52   Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022

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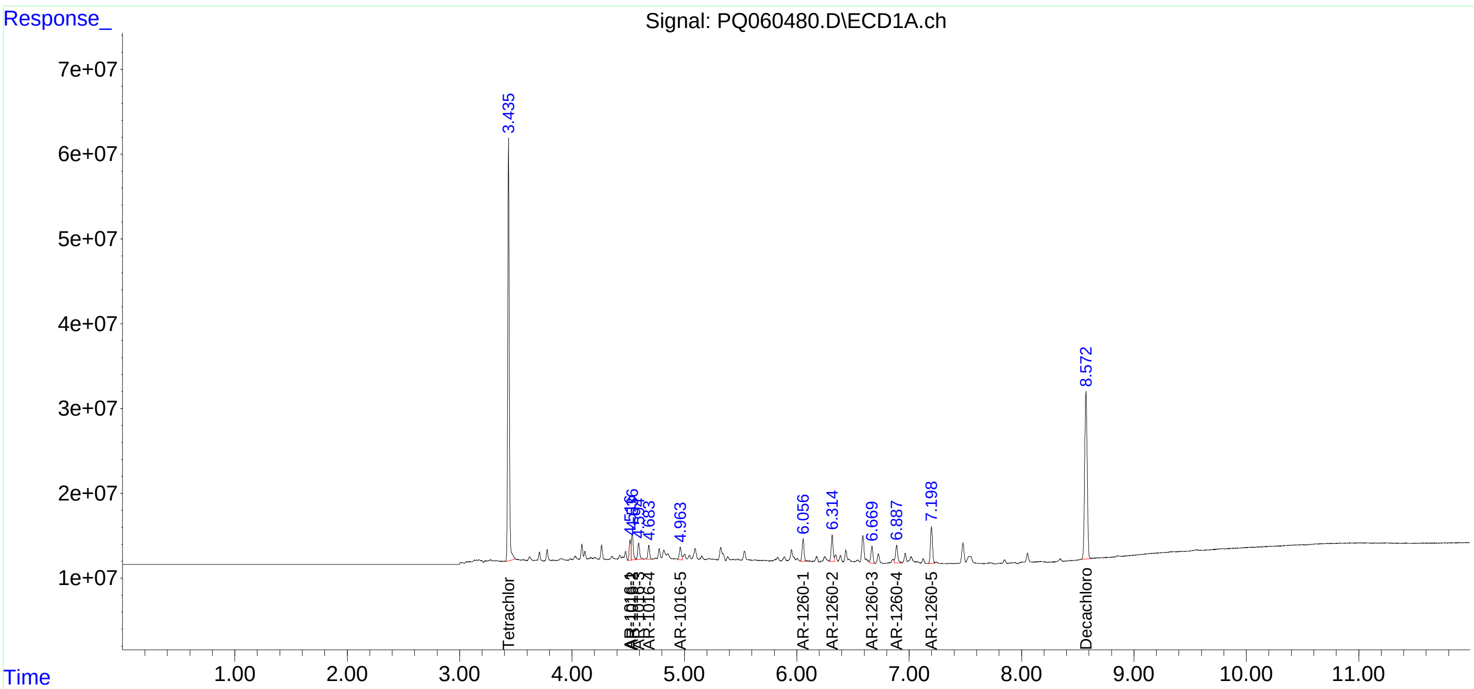
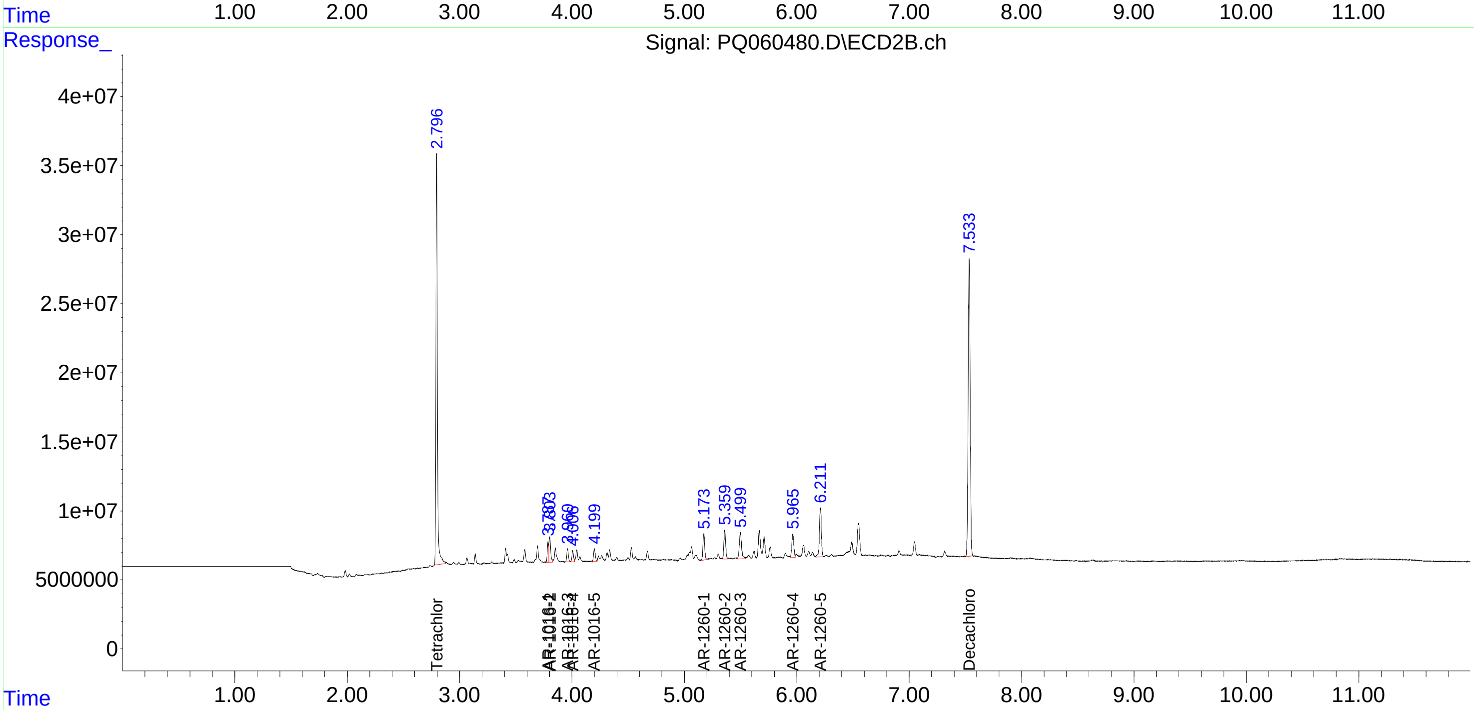
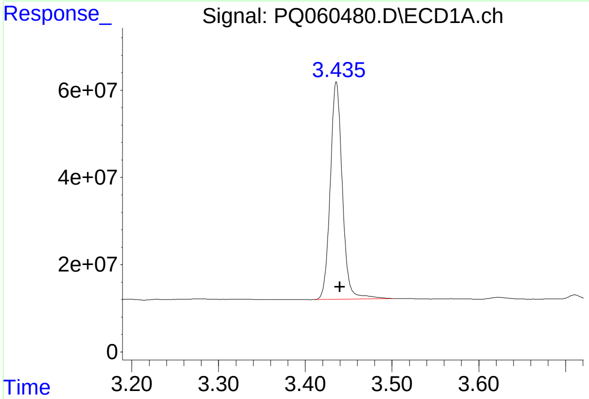


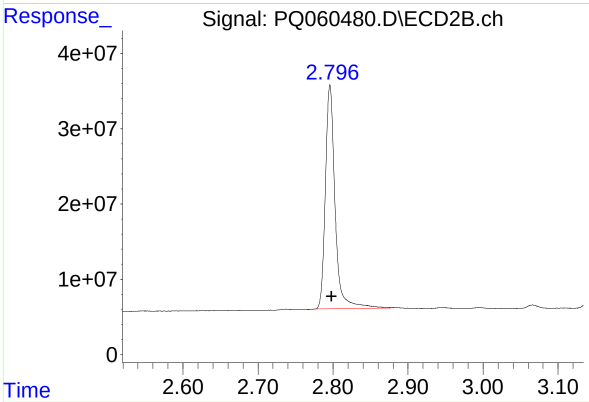




#1 Tetrachloro-m-xylene

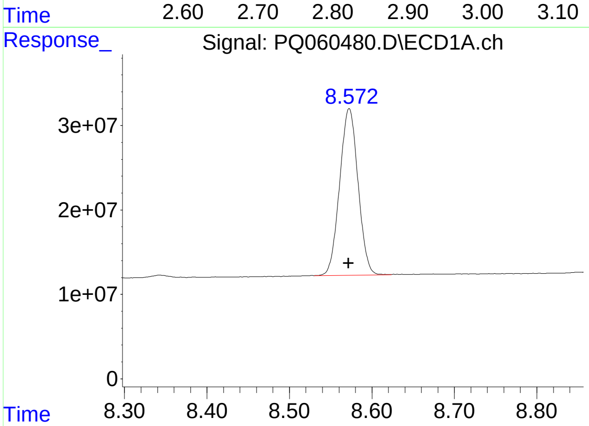
R.T.: 3.436 min
Delta R.T.: -0.004 min
Response: 482895677
Conc: 20.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022



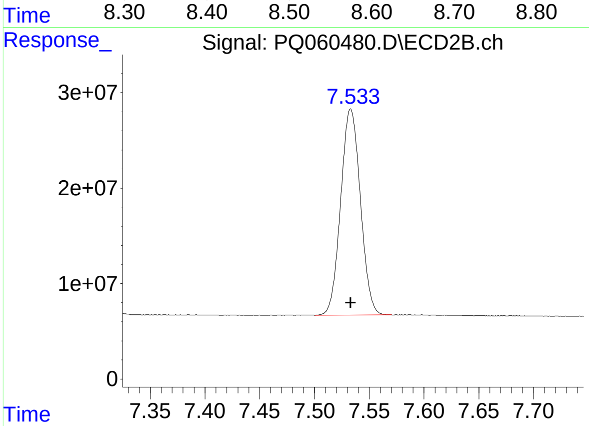
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 267872360
Conc: 23.81 ng/ml



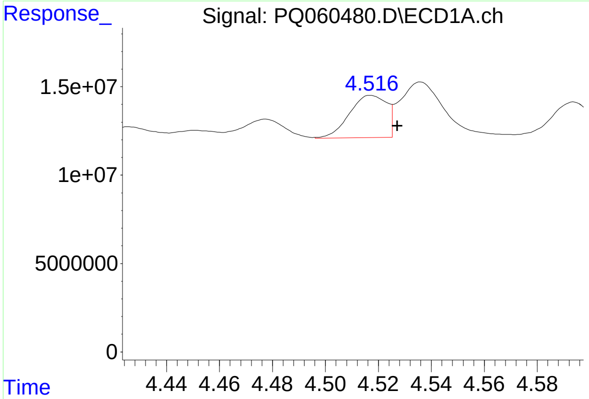
#2 Decachlorobiphenyl

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 306255540
Conc: 22.59 ng/ml



#2 Decachlorobiphenyl

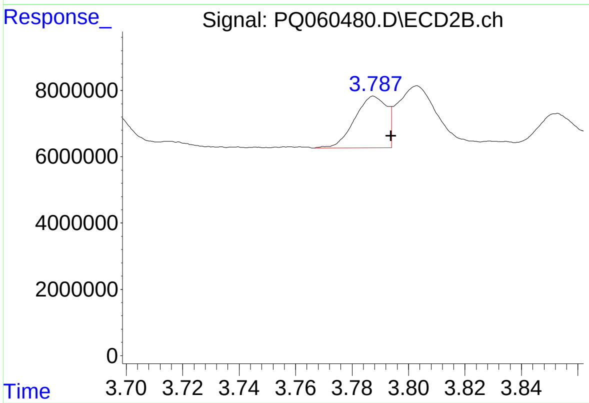
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 269898324
Conc: 25.15 ng/ml



#3 AR-1016-1

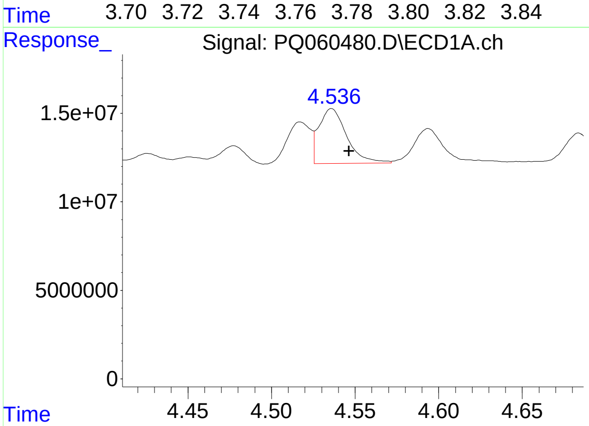
R.T.: 4.516 min
Delta R.T.: -0.011 min
Response: 24268640
Conc: 30.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022



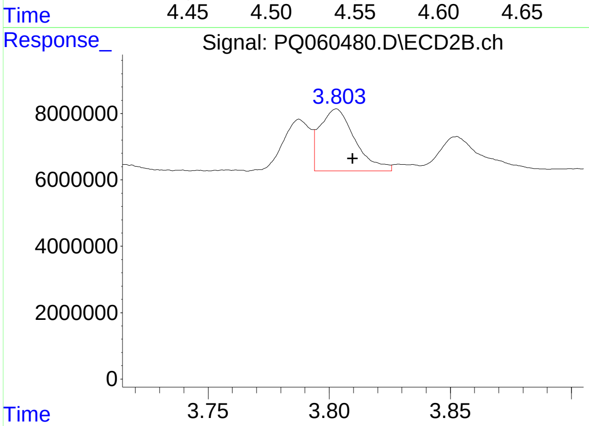
#3 AR-1016-1

R.T.: 3.788 min
Delta R.T.: -0.006 min
Response: 12087315
Conc: 30.98 ng/ml



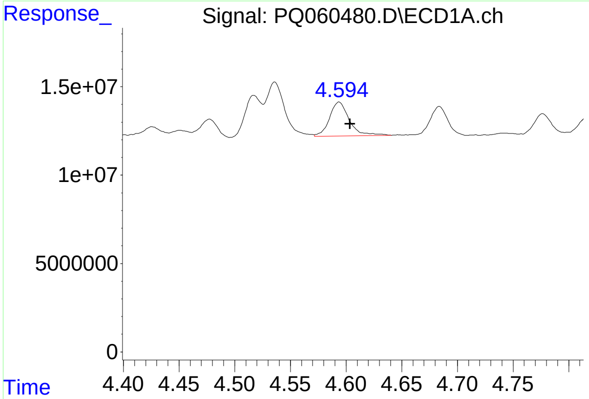
#4 AR-1016-2

R.T.: 4.536 min
Delta R.T.: -0.010 min
Response: 35987563
Conc: 30.07 ng/ml



#4 AR-1016-2

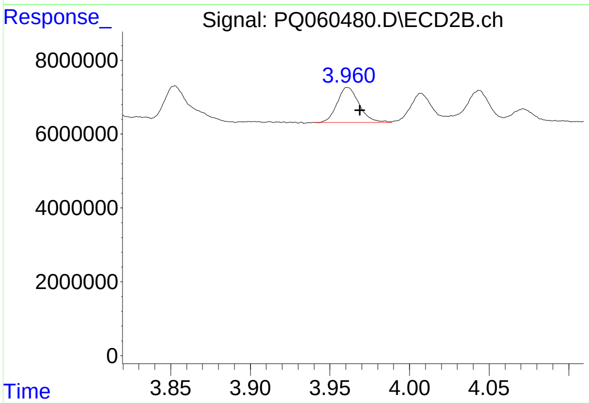
R.T.: 3.803 min
Delta R.T.: -0.007 min
Response: 18886136
Conc: 32.02 ng/ml



#5 AR-1016-3

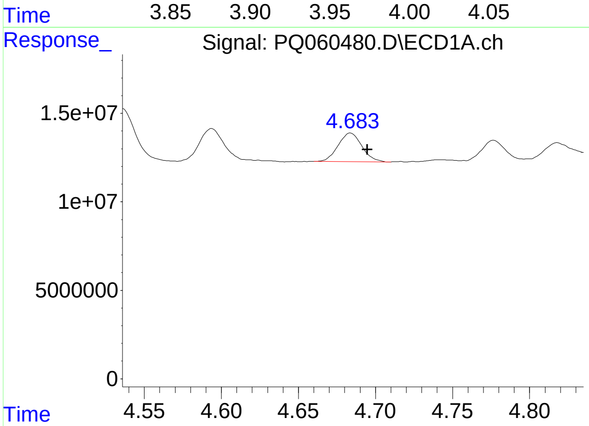
```
      R.T.:    4.594 min
Delta R.T.:   -0.010 min
  Response:   23719136
      Conc:   32.01 ng/ml
```

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022



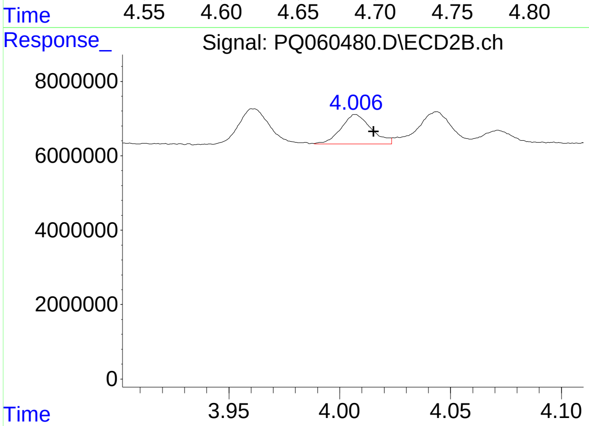
#5 AR-1016-3

```
      R.T.:    3.961 min
Delta R.T.:   -0.008 min
  Response:    9192123
      Conc:   29.24 ng/ml
```



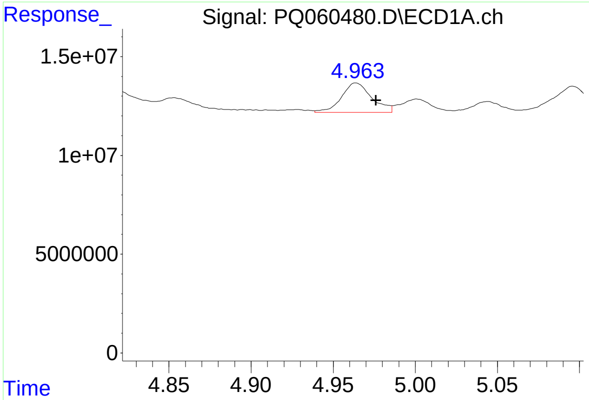
#6 AR-1016-4

```
      R.T.:    4.684 min
Delta R.T.:   -0.011 min
  Response:   17230776
      Conc:   27.78 ng/ml
```



#6 AR-1016-4

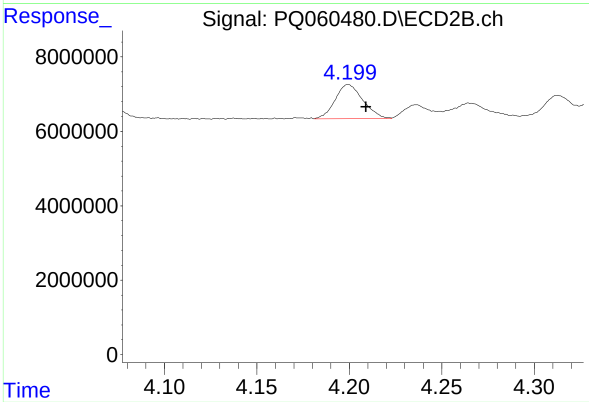
```
      R.T.:    4.007 min
Delta R.T.:   -0.008 min
  Response:    7469670
      Conc:   30.47 ng/ml
```



#7 AR-1016-5

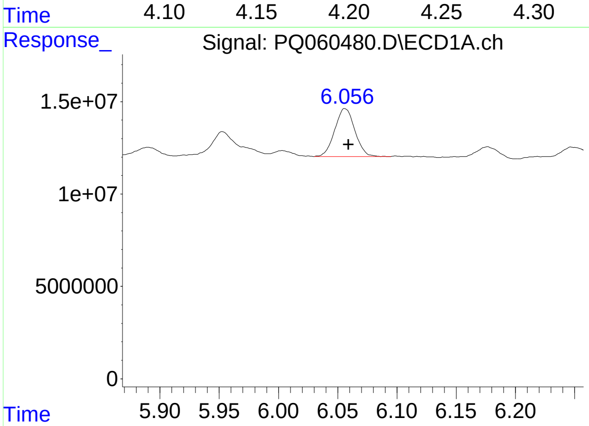
R.T.: 4.964 min
Delta R.T.: -0.012 min
Response: 19104546
Conc: 32.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022



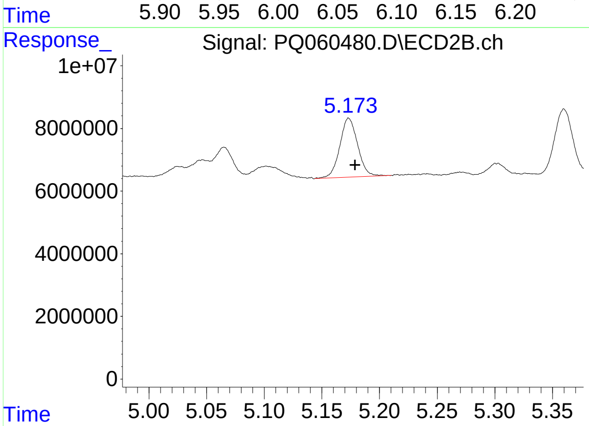
#7 AR-1016-5

R.T.: 4.200 min
Delta R.T.: -0.010 min
Response: 9688838
Conc: 30.34 ng/ml



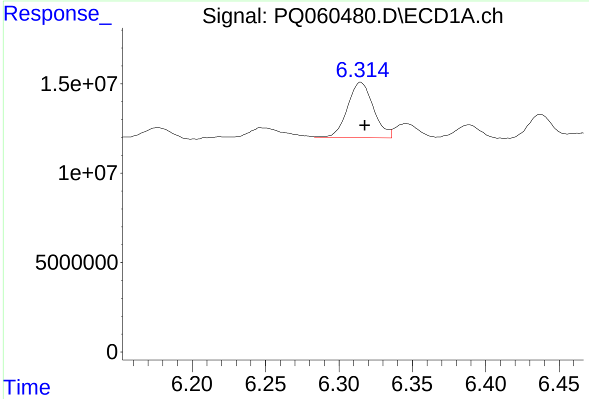
#31 AR-1260-1

R.T.: 6.056 min
Delta R.T.: -0.003 min
Response: 30592538
Conc: 29.20 ng/ml



#31 AR-1260-1

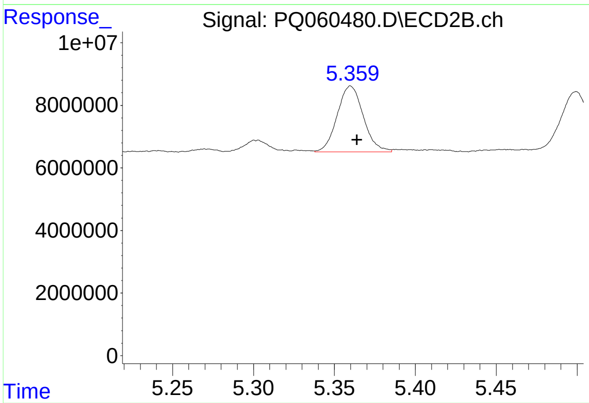
R.T.: 5.173 min
Delta R.T.: -0.006 min
Response: 20395932
Conc: 33.21 ng/ml



#32 AR-1260-2

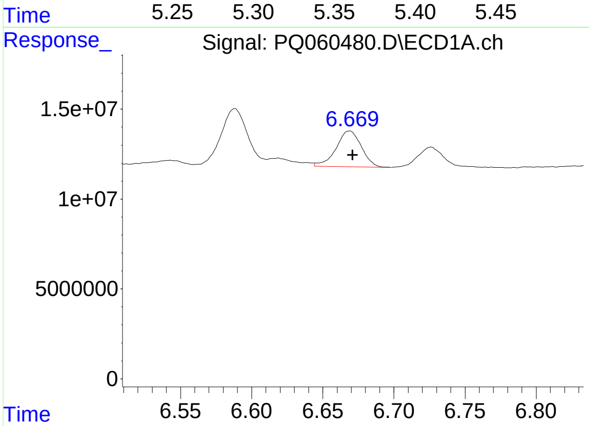
R.T.: 6.315 min
Delta R.T.: -0.003 min
Response: 38108669
Conc: 30.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022



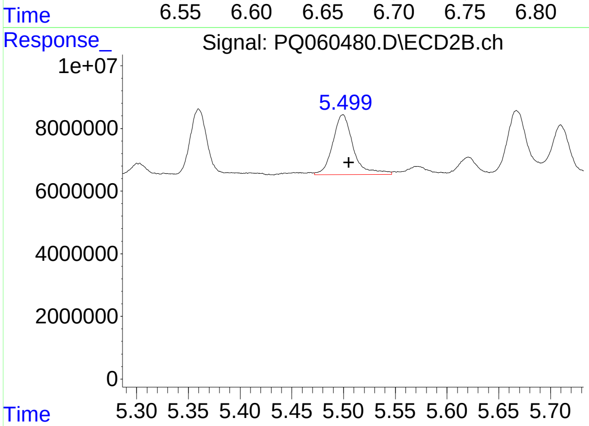
#32 AR-1260-2

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 23632432
Conc: 31.69 ng/ml



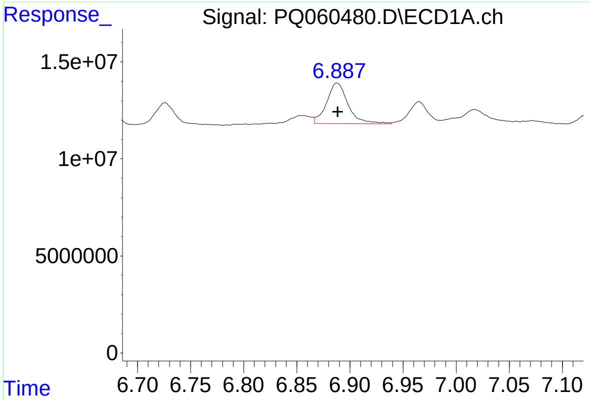
#33 AR-1260-3

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 24748791
Conc: 27.69 ng/ml



#33 AR-1260-3

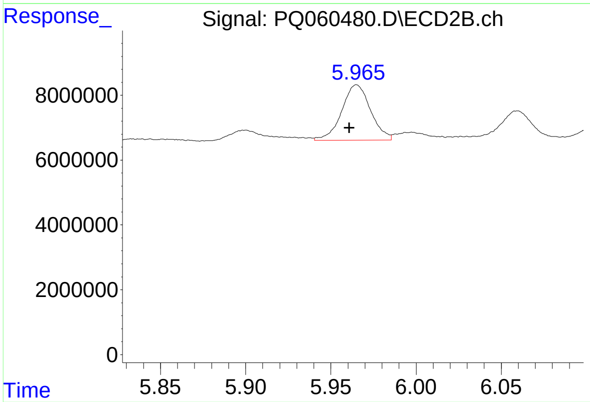
R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 26257848
Conc: 36.13 ng/ml



#34 AR-1260-4

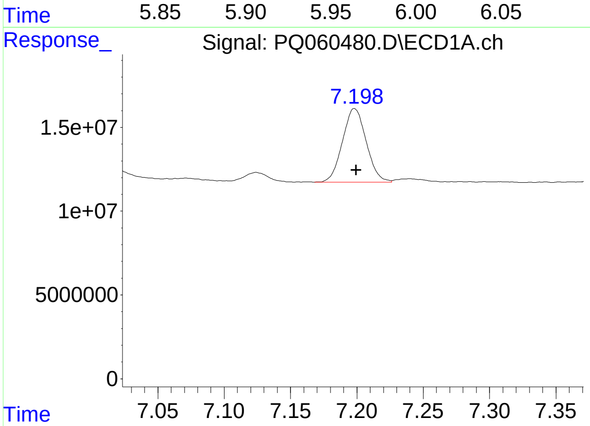
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 29920055
Conc: 30.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT1-2022



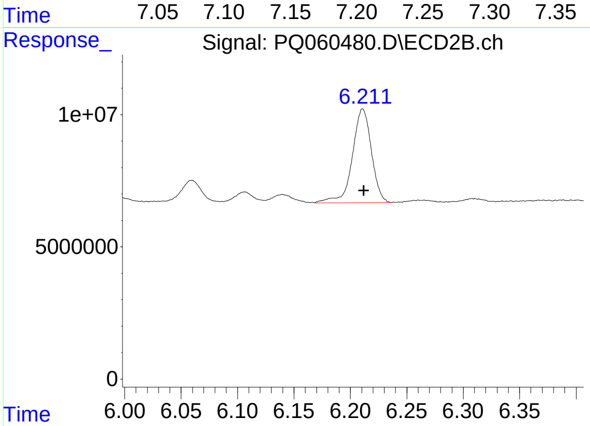
#34 AR-1260-4

R.T.: 5.965 min
Delta R.T.: 0.004 min
Response: 20095205
Conc: 34.09 ng/ml



#35 AR-1260-5

R.T.: 7.198 min
Delta R.T.: -0.001 min
Response: 54716423
Conc: 28.15 ng/ml



#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.001 min
Response: 41936485
Conc: 30.49 ng/ml