

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
 Data File : PQ069264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2024 08:00
 Operator : YP\AJ
 Sample : P4368-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 01:37:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102124.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 21 15:35:59 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...	3.328	2.739	162.8E6	176.8E6	18.044	19.580
2) SA Decachlor...	8.452	7.475	113.0E6	163.8E6	17.498	19.802
Target Compounds						
3) L1 AR-1016-1	4.413	3.729	9067371	7162721	35.337	25.417 #
4) L1 AR-1016-2	4.436	3.745	13373123	11502833	30.900	27.496
5) L1 AR-1016-3	4.492	3.901	7976449	8410953	29.906m	36.982m
6) L1 AR-1016-4	4.582	3.956	4960927	6359426	22.032m	35.183m#
7) L1 AR-1016-5	4.865	4.148	5606843	7100047	26.419m	29.426m
31) L7 AR-1260-1	5.963	5.135	15621739	15277235	38.382	33.942
32) L7 AR-1260-2	6.219	5.324	14528414	13645365	29.344m	27.022
33) L7 AR-1260-3	6.569	5.465	10184408	13077602	27.772m	25.810
34) L7 AR-1260-4	6.789	5.920	12353051	12932919	29.305	29.275m
35) L7 AR-1260-5	7.099	6.167	22804555	31162908	26.761	30.544m

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

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ALS Vial : 68 Sample Multiplier: 1

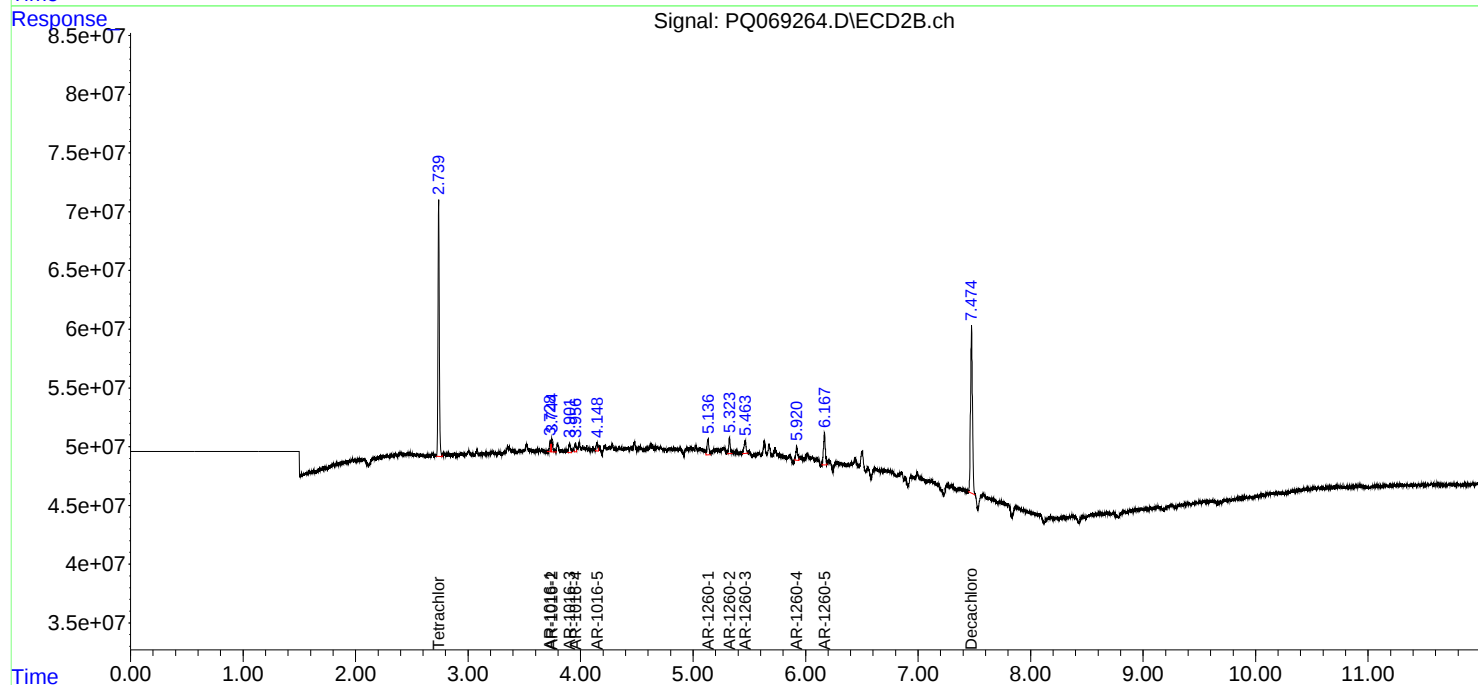
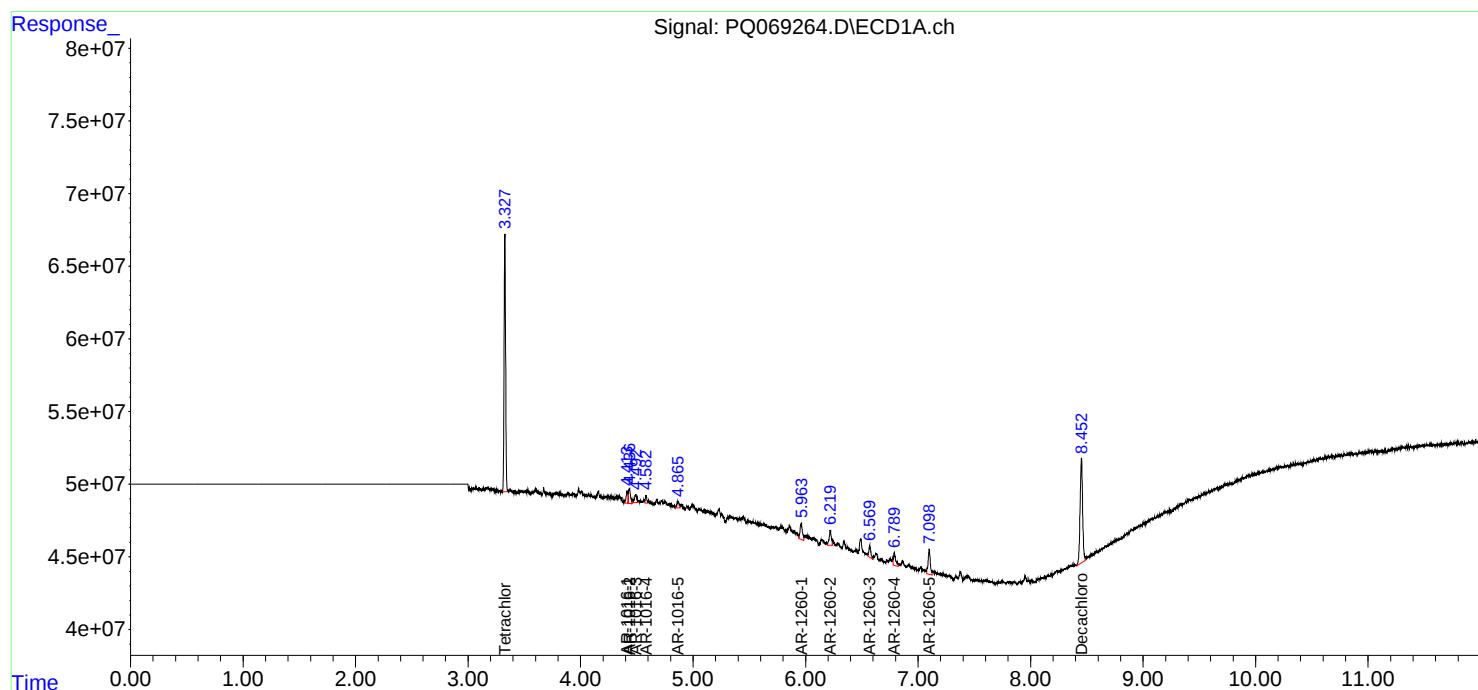
Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT4-2024

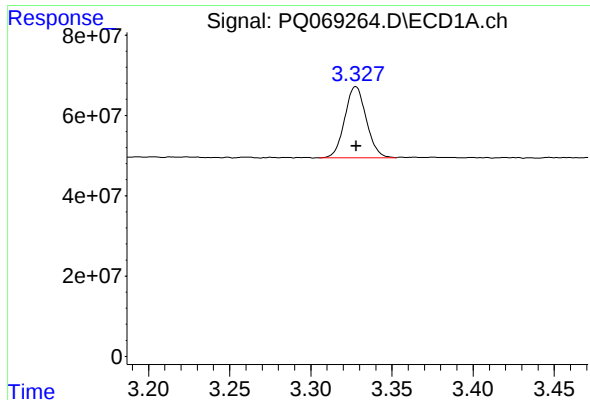
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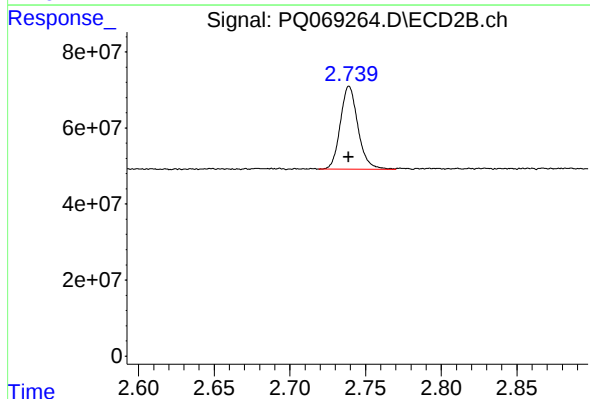
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 162809027
Conc: 18.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT4-2024

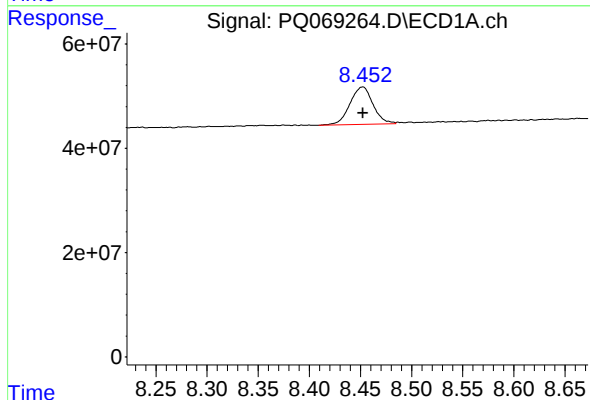
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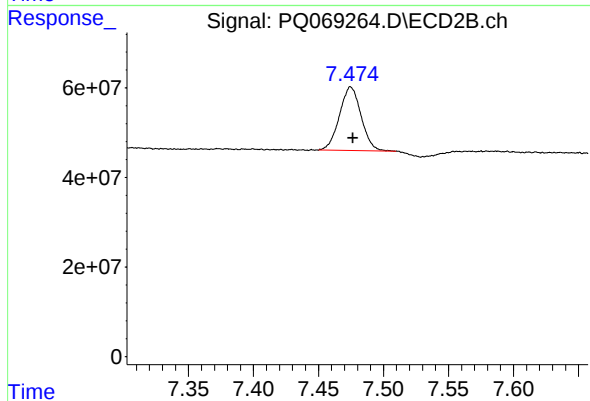
#1 Tetrachloro-m-xylene

R.T.: 2.739 min
Delta R.T.: 0.000 min
Response: 176761623
Conc: 19.58 ng/ml



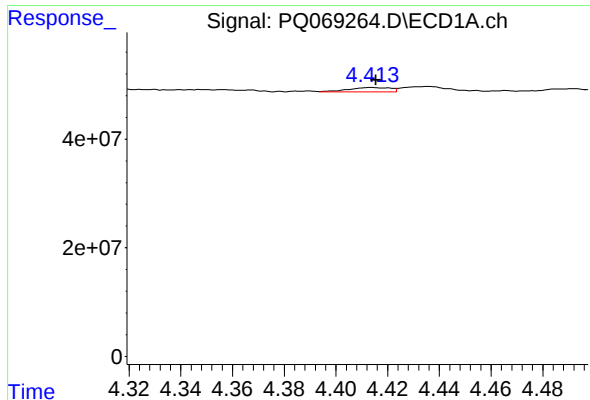
#2 Decachlorobiphenyl

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 113024012
Conc: 17.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 163822909
Conc: 19.80 ng/ml



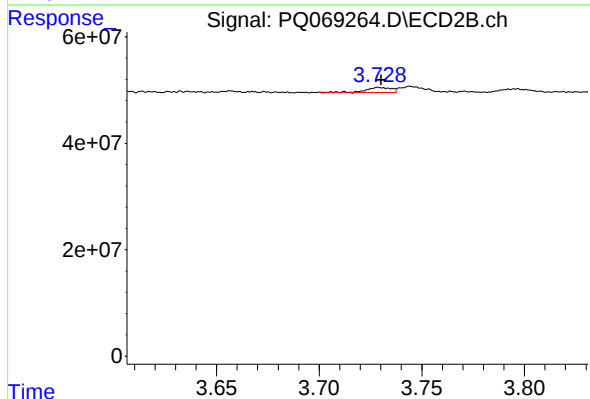
#3 AR-1016-1

R.T.: 4.413 min
Delta R.T.: -0.002 min
Response: 9067371
Conc: 35.34 ng/ml

Instrument : ECD_Q
ClientSampleId : MDL-SOIL-03-QT4-2024

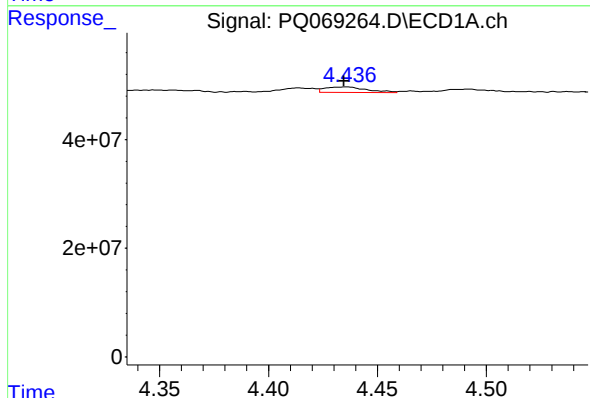
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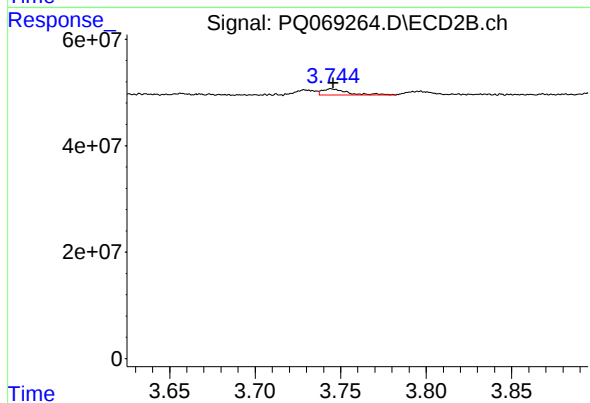
#3 AR-1016-1

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 7162721
Conc: 25.42 ng/ml



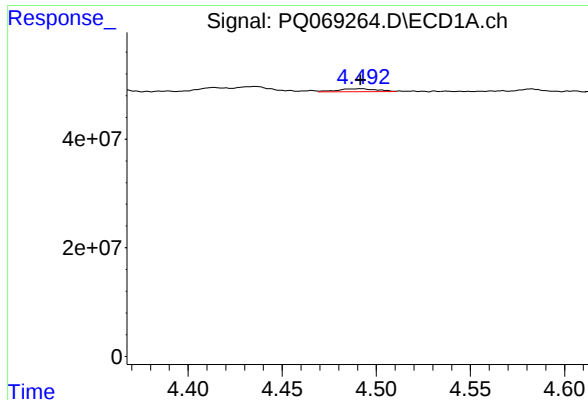
#4 AR-1016-2

R.T.: 4.436 min
Delta R.T.: 0.002 min
Response: 13373123
Conc: 30.90 ng/ml



#4 AR-1016-2

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 11502833
Conc: 27.50 ng/ml



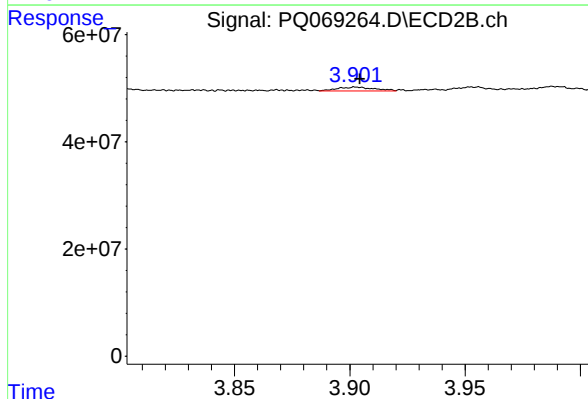
#5 AR-1016-3

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 7976449
Conc: 29.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT4-2024

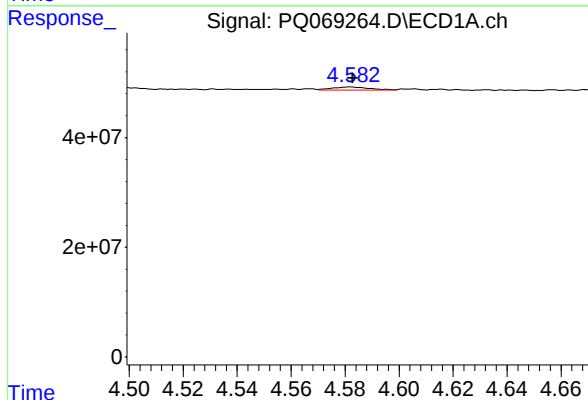
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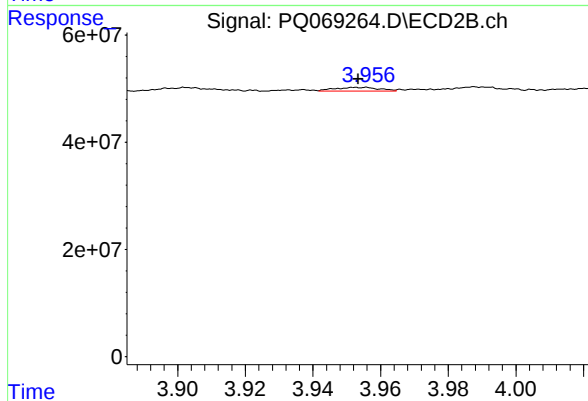
#5 AR-1016-3

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 8410953
Conc: 36.98 ng/ml



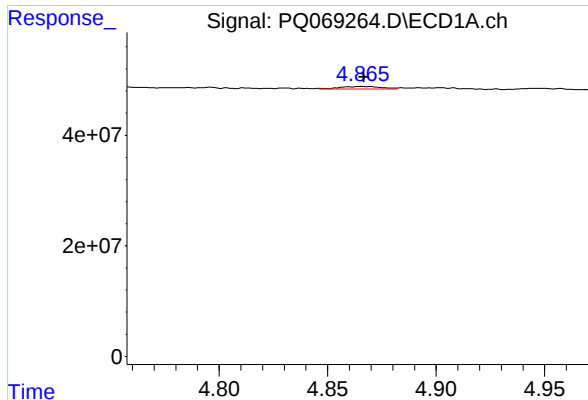
#6 AR-1016-4

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 4960927
Conc: 22.03 ng/ml



#6 AR-1016-4

R.T.: 3.956 min
Delta R.T.: 0.002 min
Response: 6359426
Conc: 35.18 ng/ml



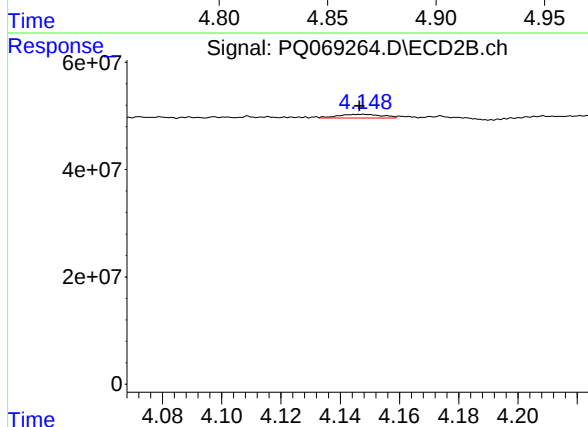
#7 AR-1016-5

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 5606843
Conc: 26.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT4-2024

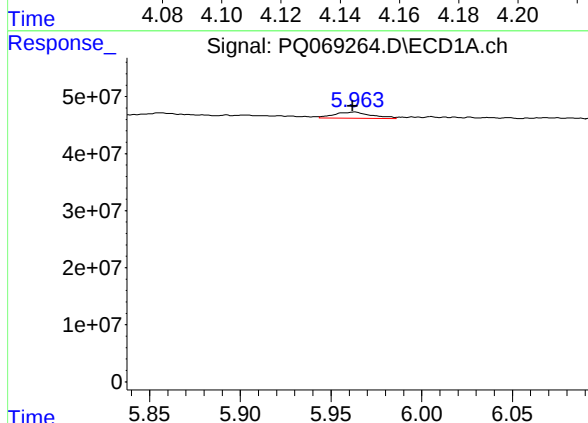
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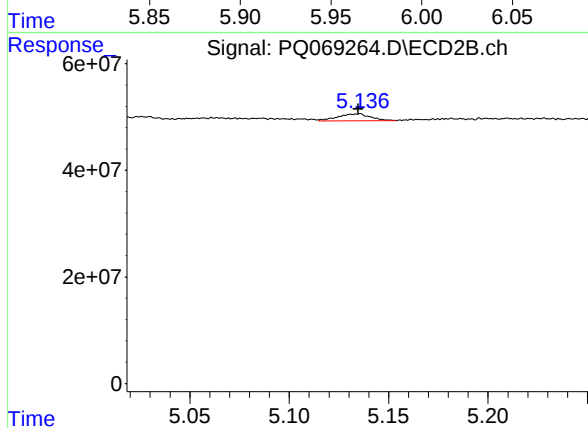
#7 AR-1016-5

R.T.: 4.148 min
Delta R.T.: 0.000 min
Response: 7100047
Conc: 29.43 ng/ml



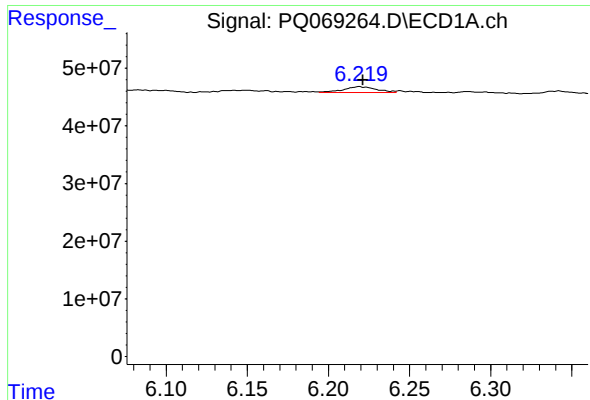
#31 AR-1260-1

R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 15621739
Conc: 38.38 ng/ml



#31 AR-1260-1

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 15277235
Conc: 33.94 ng/ml



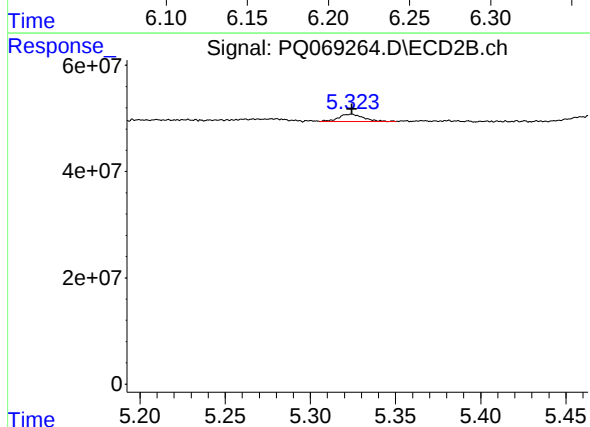
#32 AR-1260-2

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 14528414
Conc: 29.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT4-2024

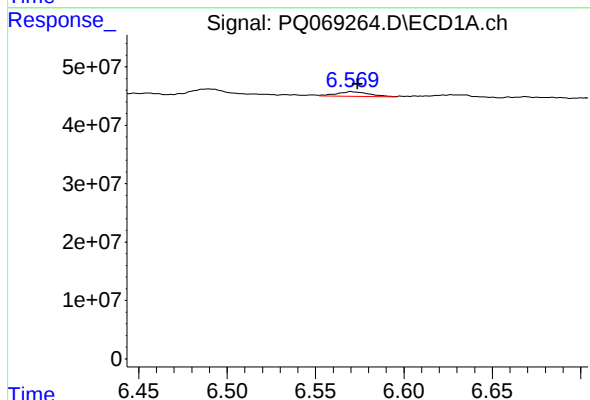
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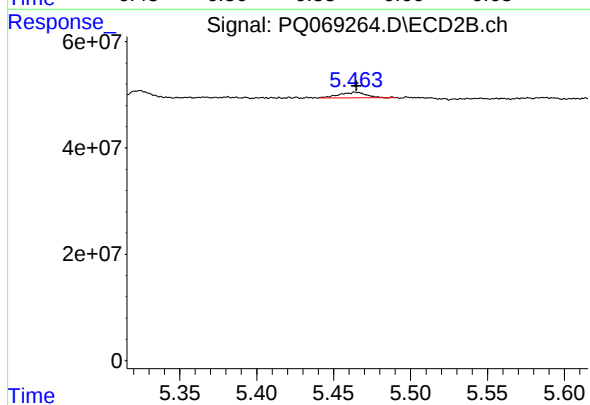
#32 AR-1260-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 13645365
Conc: 27.02 ng/ml



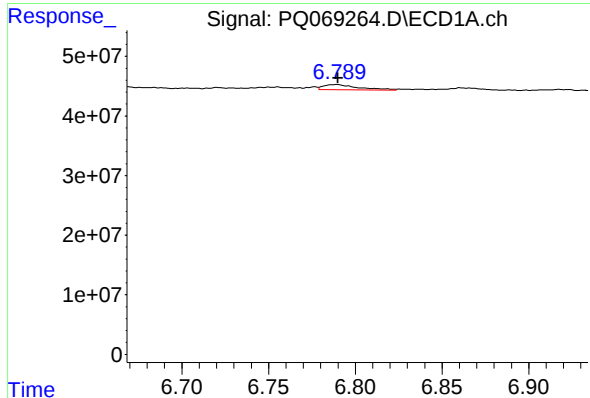
#33 AR-1260-3

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 10184408
Conc: 27.77 ng/ml m



#33 AR-1260-3

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 13077602
Conc: 25.81 ng/ml



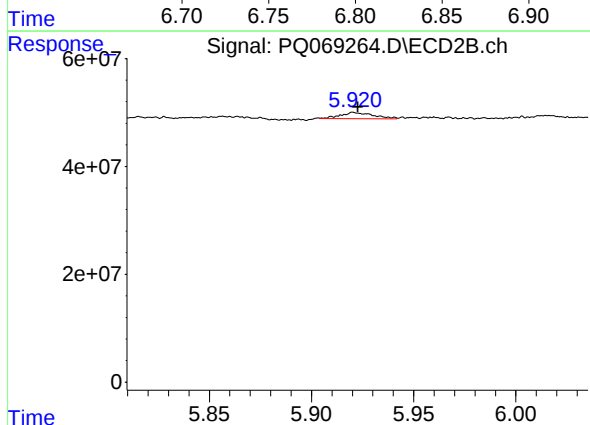
#34 AR-1260-4

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 12353051
Conc: 29.31 ng/ml

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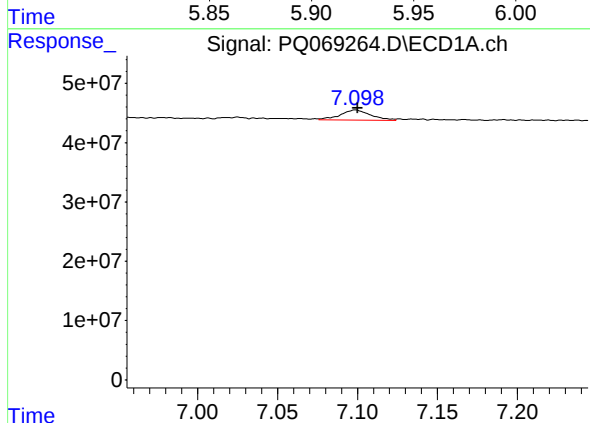
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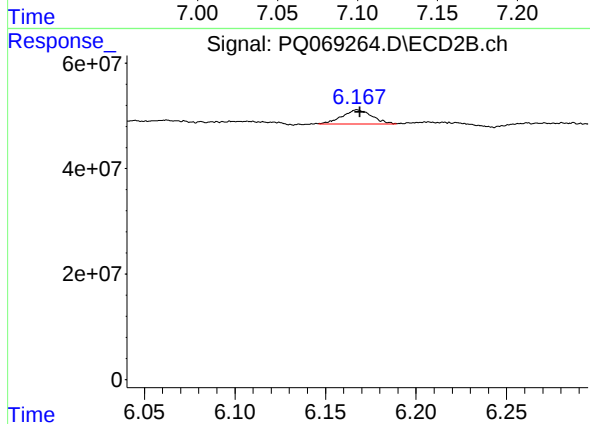
#34 AR-1260-4

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 12932919
Conc: 29.27 ng/ml



#35 AR-1260-5

R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 22804555
Conc: 26.76 ng/ml



#35 AR-1260-5

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 31162908
Conc: 30.54 ng/ml