

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
 Data File : PQ069254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2024 05:34
 Operator : YP\AJ
 Sample : P4368-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 06:37:39 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	156.6E6	187.1E6	17.358	20.727
2) SA Decachlor...	8.451	7.474	101.1E6	178.7E6	15.651	21.597 #
Target Compounds						
3) L1 AR-1016-1	4.416	3.729	9376138	13430970	36.540	47.660 #
4) L1 AR-1016-2	4.434	3.745	17758345	17075228	41.032	40.816
5) L1 AR-1016-3	4.491	3.904	12706763	10758559	47.641	47.304m
6) L1 AR-1016-4	4.581	3.952	11294144	8270939	50.158	45.759m
7) L1 AR-1016-5	4.867	4.144	9772061	7750695	46.046	32.123m#
31) L7 AR-1260-1	5.961	5.131	17028546	22363902	41.838	49.687m
32) L7 AR-1260-2	6.220	5.323	25777988	23983820	52.066	47.496
33) L7 AR-1260-3	6.571	5.463	16226189	24021176	44.248	47.409
34) L7 AR-1260-4	6.790	5.922	16841725	20762602	39.954	46.998
35) L7 AR-1260-5	7.099	6.167	31341740	47467062	36.780	46.525 #

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

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Misc : AR1660 LOD 40 PPB
ALS Vial : 60 Sample Multiplier: 1

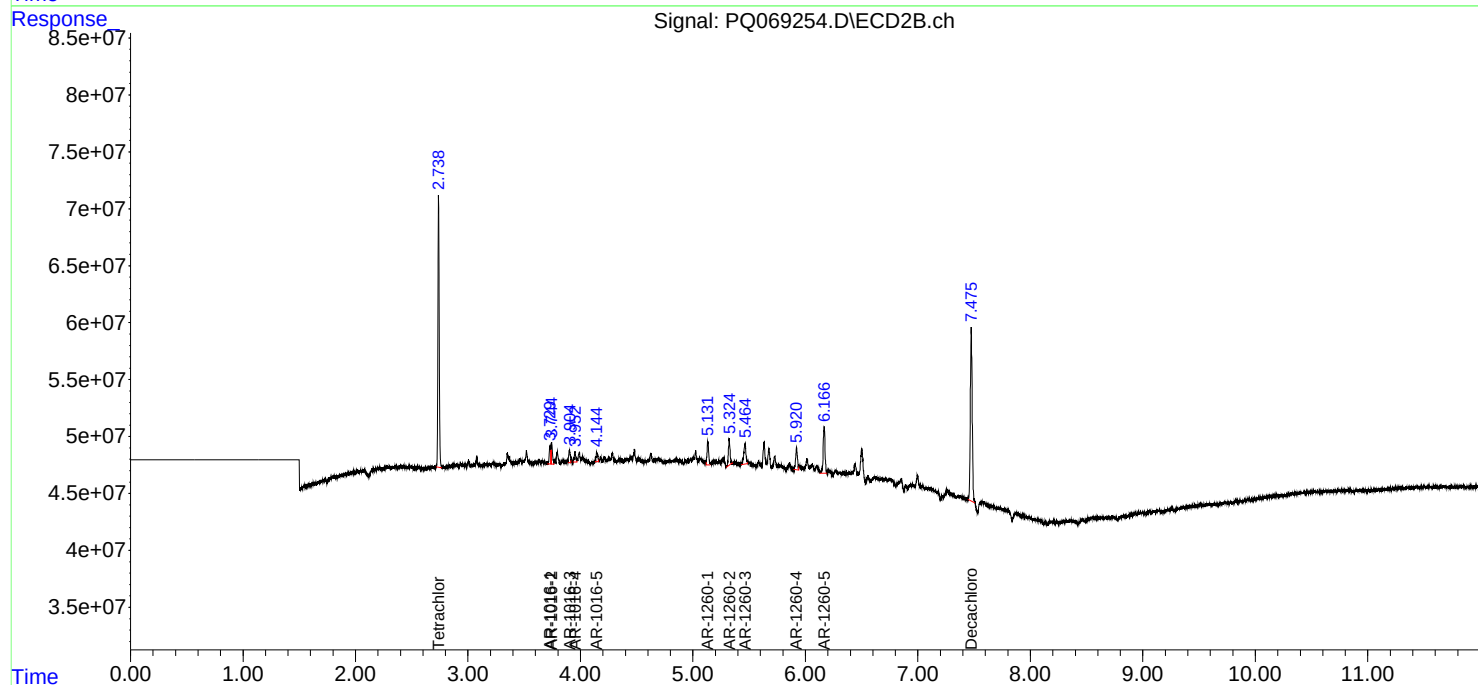
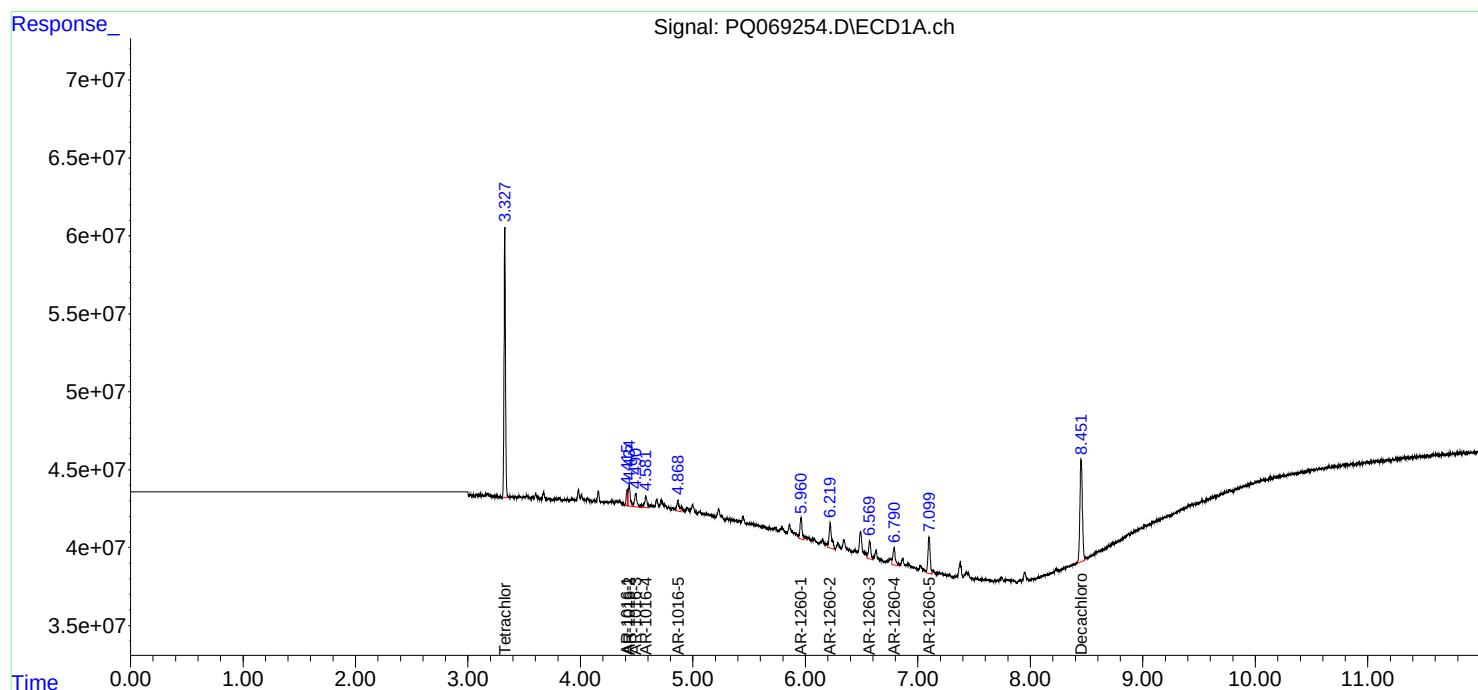
Instrument :
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ClientSampleId :
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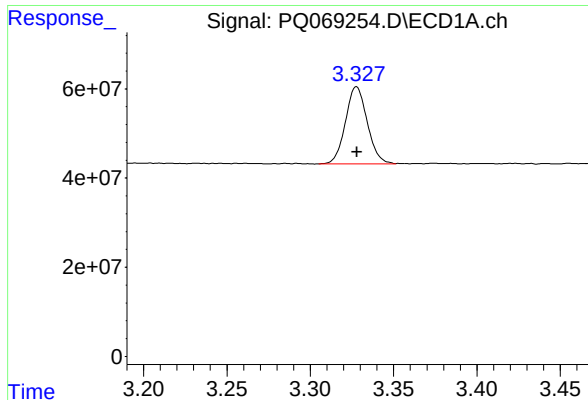
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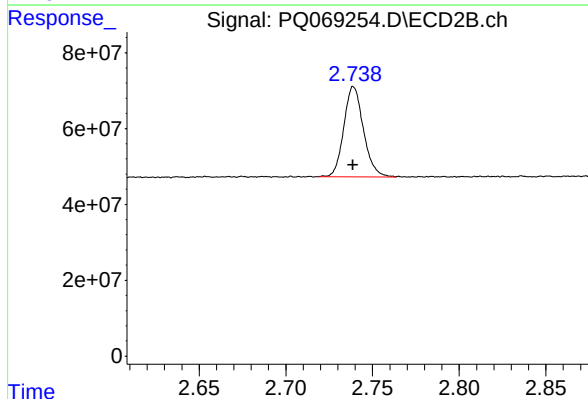
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 156617733
Conc: 17.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

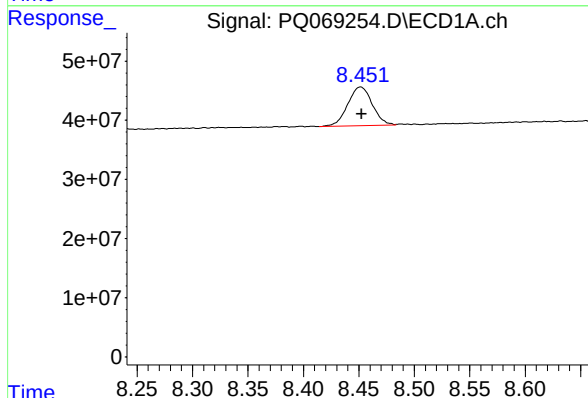
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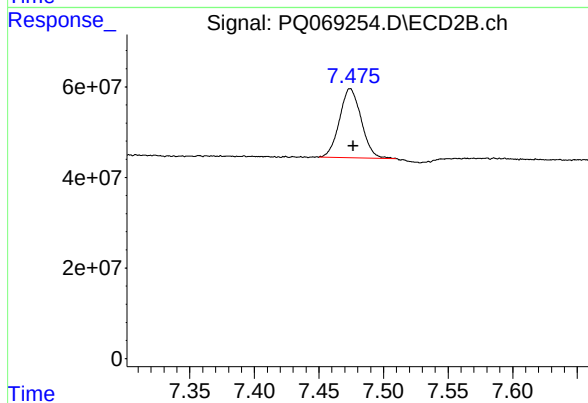
#1 Tetrachloro-m-xylene

R.T.: 2.739 min
Delta R.T.: 0.000 min
Response: 187116758
Conc: 20.73 ng/ml



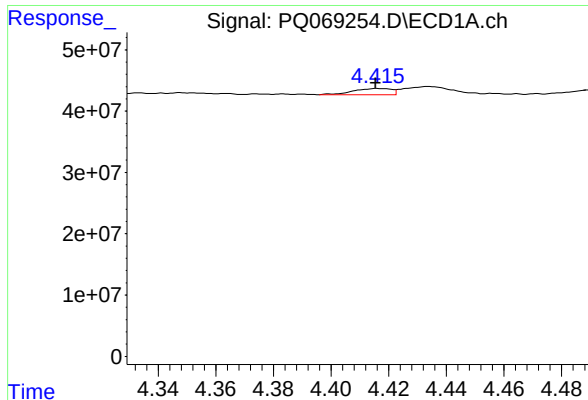
#2 Decachlorobiphenyl

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 101089900
Conc: 15.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.474 min
Delta R.T.: -0.002 min
Response: 178673795
Conc: 21.60 ng/ml



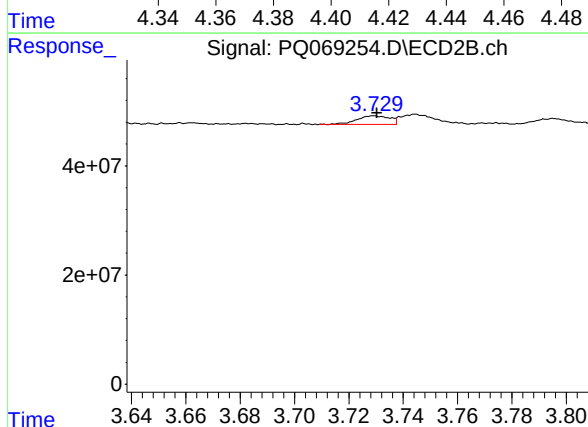
#3 AR-1016-1

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 9376138
Conc: 36.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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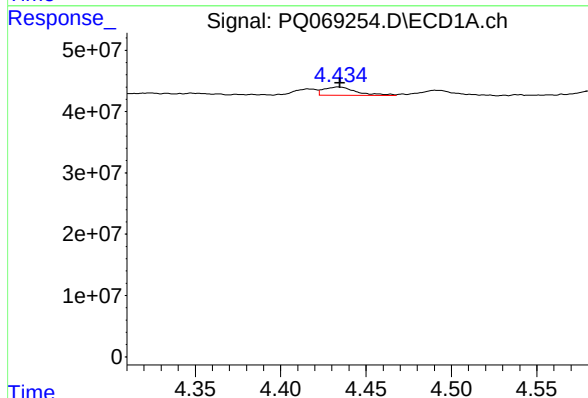
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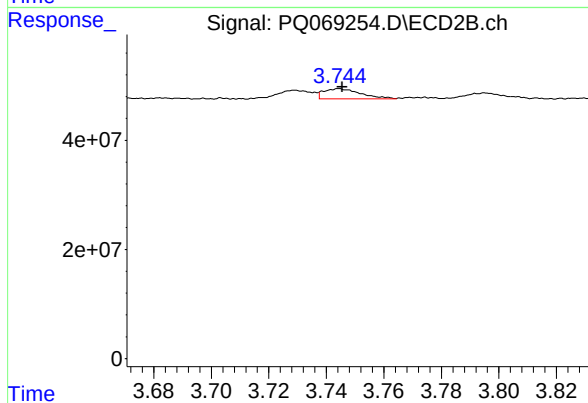
#3 AR-1016-1

R.T.: 3.729 min
Delta R.T.: -0.001 min
Response: 13430970
Conc: 47.66 ng/ml



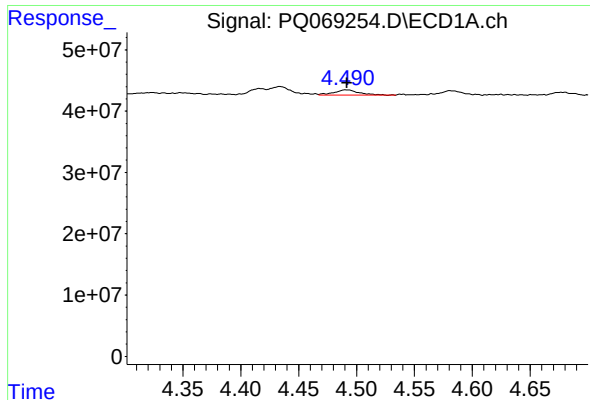
#4 AR-1016-2

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 17758345
Conc: 41.03 ng/ml



#4 AR-1016-2

R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 17075228
Conc: 40.82 ng/ml



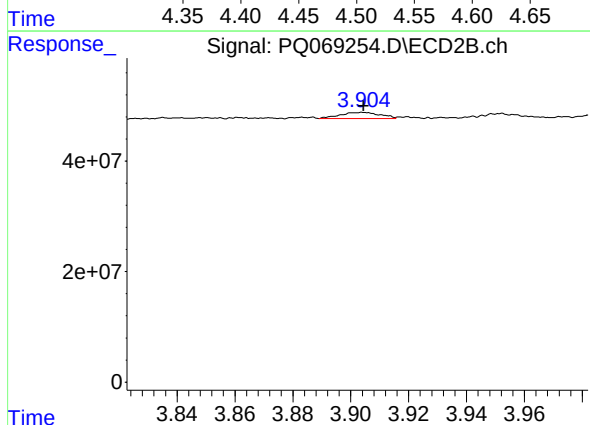
#5 AR-1016-3

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 12706763
Conc: 47.64 ng/ml

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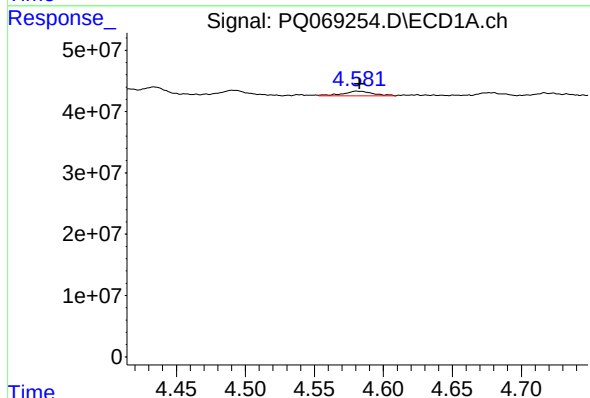
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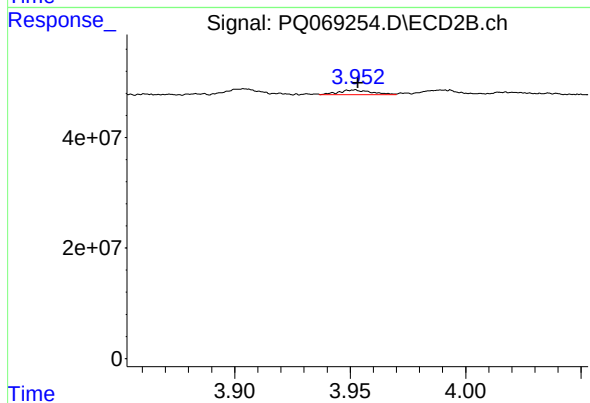
#5 AR-1016-3

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 10758559
Conc: 47.30 ng/ml



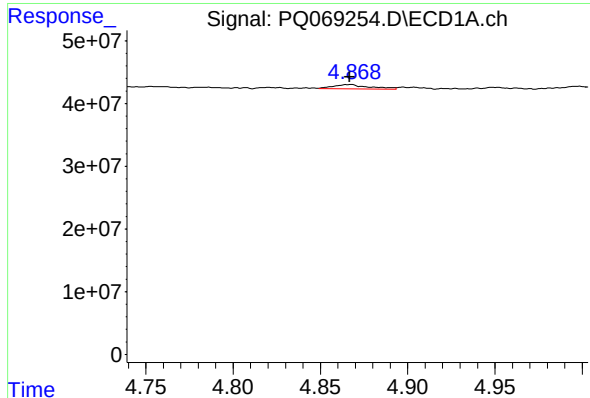
#6 AR-1016-4

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 11294144
Conc: 50.16 ng/ml



#6 AR-1016-4

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 8270939
Conc: 45.76 ng/ml



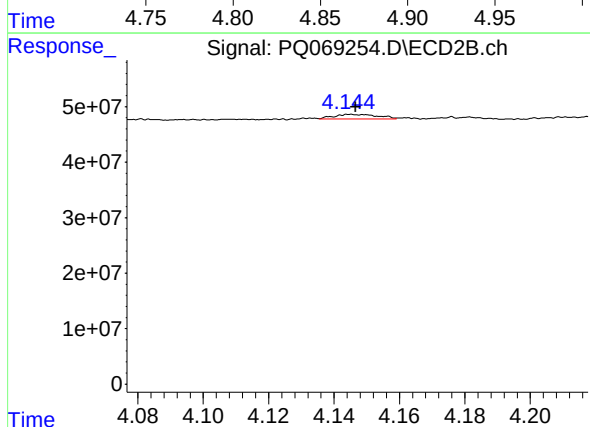
#7 AR-1016-5

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 9772061
Conc: 46.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

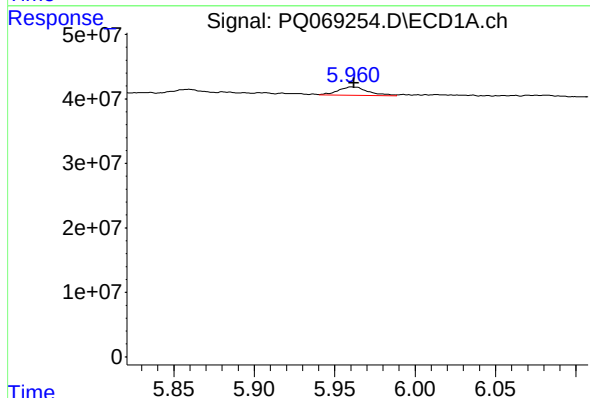
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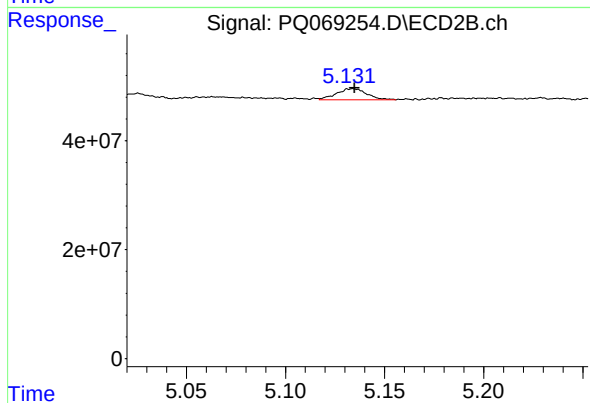
#7 AR-1016-5

R.T.: 4.144 min
Delta R.T.: -0.003 min
Response: 7750695
Conc: 32.12 ng/ml



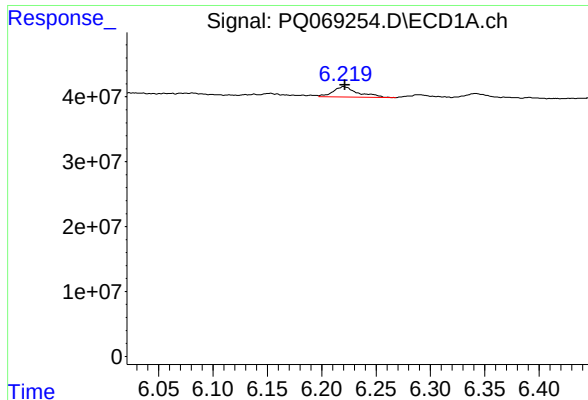
#31 AR-1260-1

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 17028546
Conc: 41.84 ng/ml



#31 AR-1260-1

R.T.: 5.131 min
Delta R.T.: -0.004 min
Response: 22363902
Conc: 49.69 ng/ml



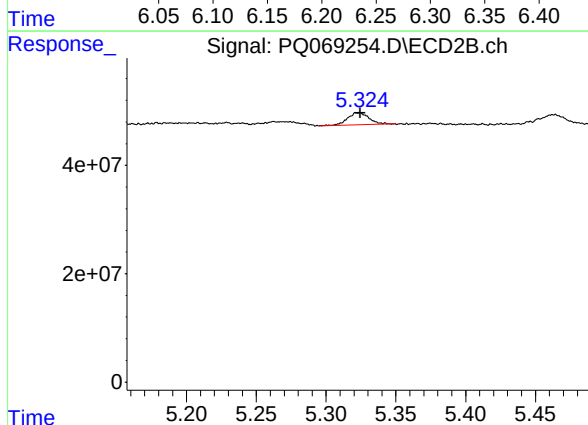
#32 AR-1260-2

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 25777988
Conc: 52.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

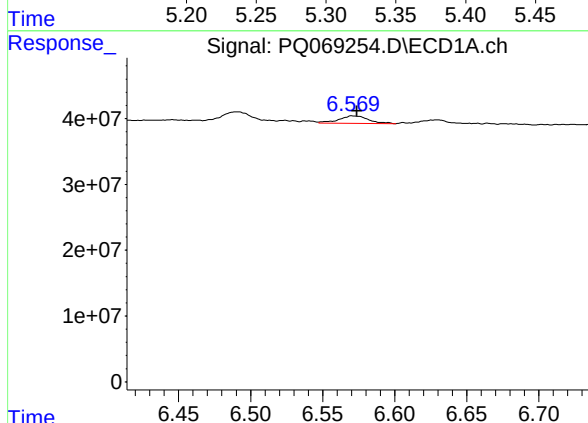
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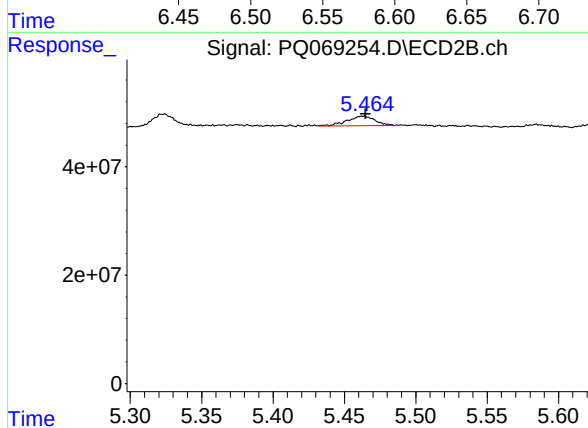
#32 AR-1260-2

R.T.: 5.323 min
Delta R.T.: -0.001 min
Response: 23983820
Conc: 47.50 ng/ml



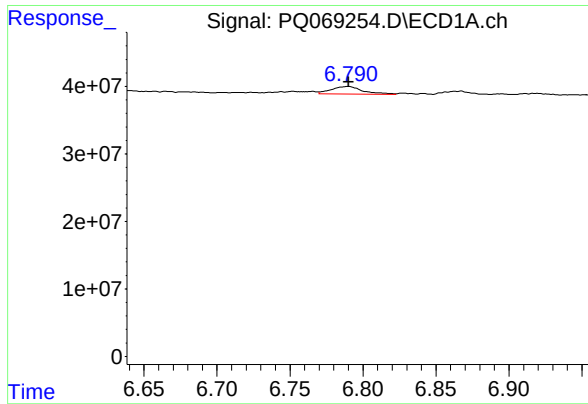
#33 AR-1260-3

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 16226189
Conc: 44.25 ng/ml



#33 AR-1260-3

R.T.: 5.463 min
Delta R.T.: -0.002 min
Response: 24021176
Conc: 47.41 ng/ml



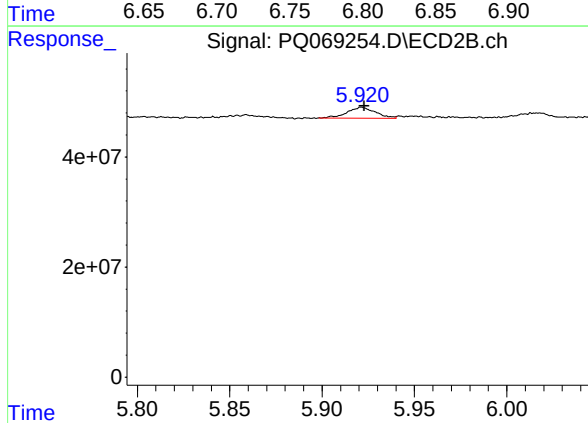
#34 AR-1260-4

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 16841725
Conc: 39.95 ng/ml

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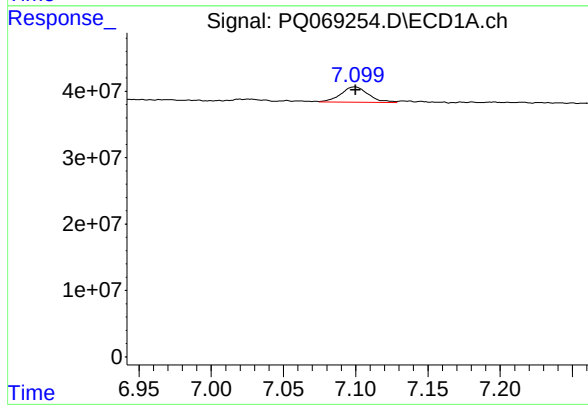
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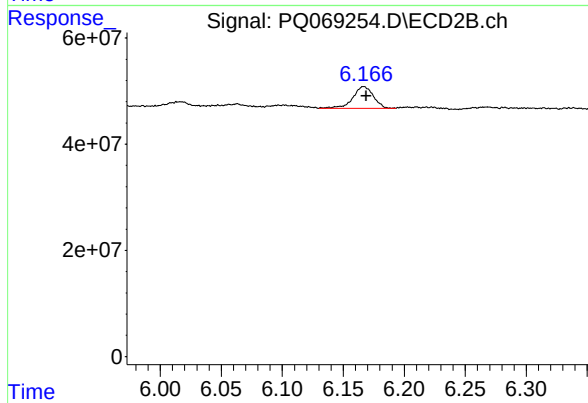
#34 AR-1260-4

R.T.: 5.922 min
Delta R.T.: -0.001 min
Response: 20762602
Conc: 47.00 ng/ml



#35 AR-1260-5

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 31341740
Conc: 36.78 ng/ml



#35 AR-1260-5

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 47467062
Conc: 46.53 ng/ml