

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
 Data File : PQ069274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2024 10:27
 Operator : YP\AJ
 Sample : P4368-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-WATER-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 01:25:58 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...	3.335	2.738	172.0E6	185.9E6	19.061	20.592
2) SA Decachlor...	8.463	7.476	129.9E6	188.8E6	20.118	22.816
Target Compounds						
3) L1 AR-1016-1	4.425	3.728	5493023	9608056	21.407	34.095 #
4) L1 AR-1016-2	4.445	3.743	12200470	12553468	28.190m	30.007
5) L1 AR-1016-3	4.502	3.903	9304518	7781787	34.885m	34.215m
6) L1 AR-1016-4	4.589	3.953	8480838	6198777	37.664m	34.294m
7) L1 AR-1016-5	4.876	4.149	5264922	7031157	24.808	29.141m
31) L7 AR-1260-1	5.968	5.135	11198965	15973010	27.515m	35.488 #
32) L7 AR-1260-2	6.229	5.324	16880895	15806577	34.095	31.302
33) L7 AR-1260-3	6.582	5.462	12630298	13903768	34.442	27.441
34) L7 AR-1260-4	6.802	5.923	12055173	15731910	28.599m	35.611m
35) L7 AR-1260-5	7.106	6.168	22205992	32888714	26.059m	32.236m

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

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ALS Vial : 76 Sample Multiplier: 1

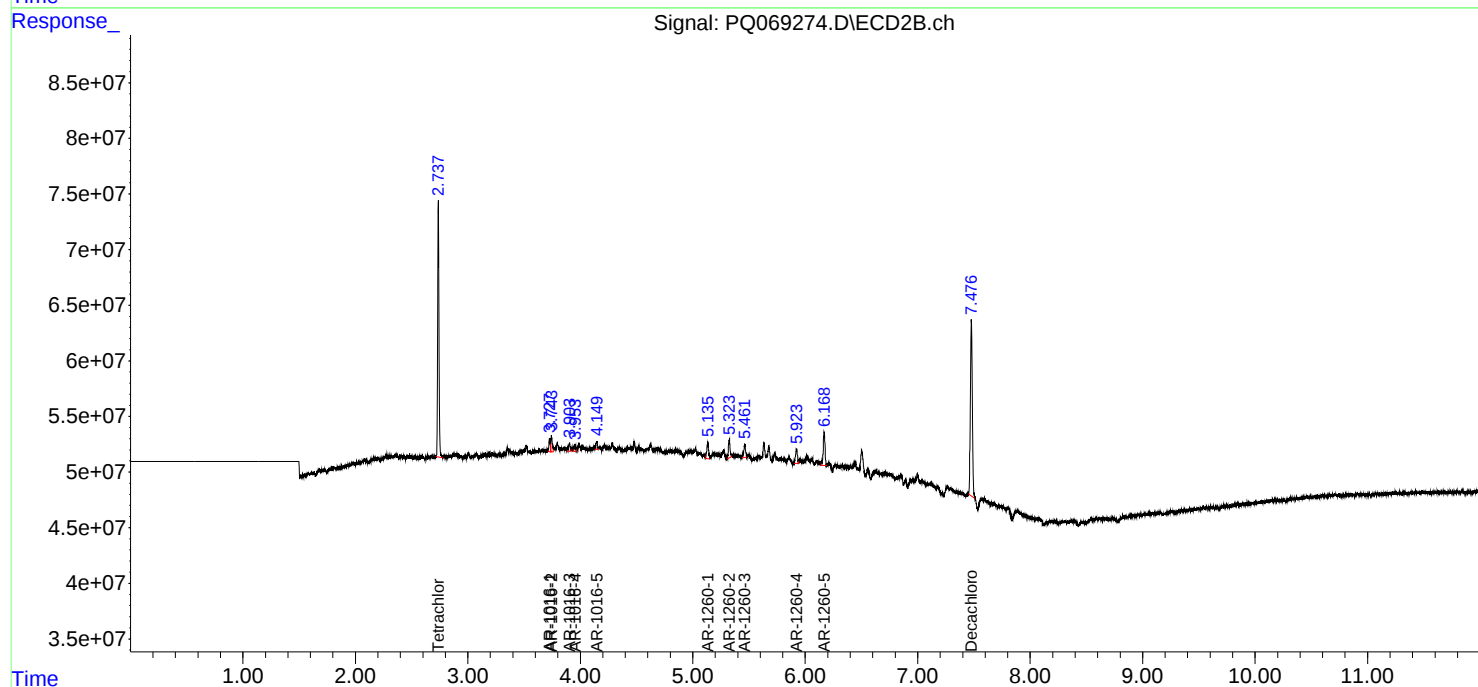
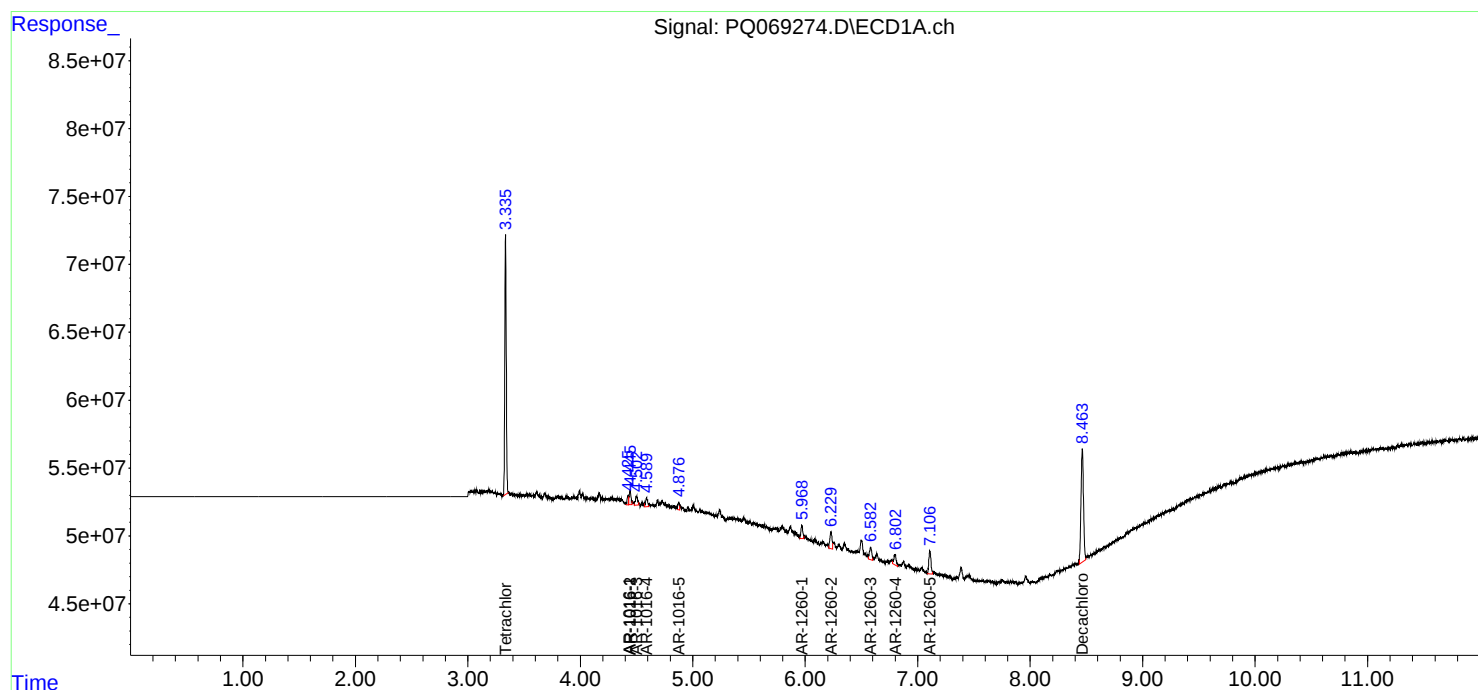
Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

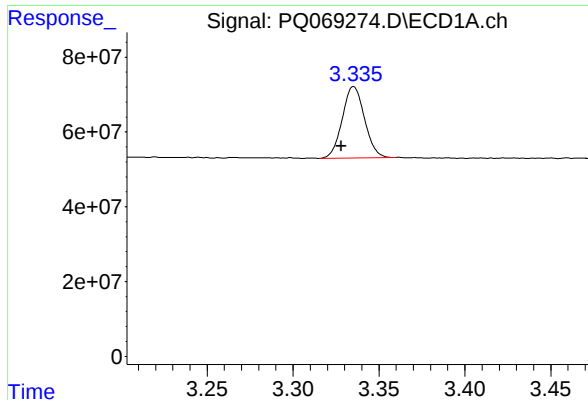
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Integration File signal 1: autoint1.e
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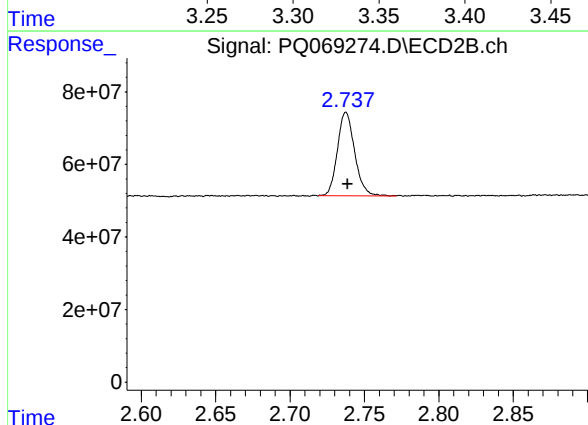
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.007 min
Response: 171980428
Conc: 19.06 ng/ml

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

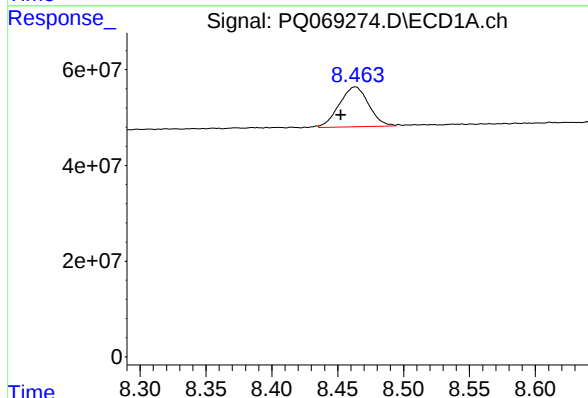
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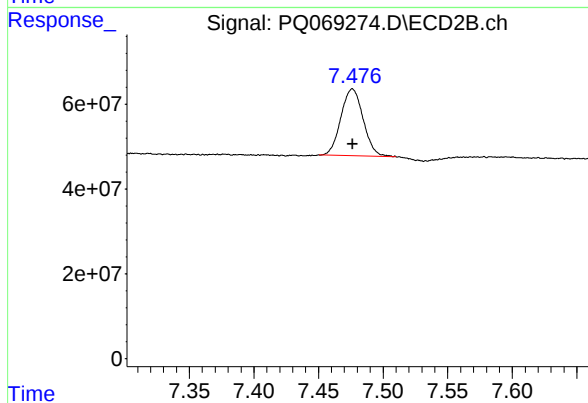
#1 Tetrachloro-m-xylene

R.T.: 2.738 min
Delta R.T.: -0.001 min
Response: 185903114
Conc: 20.59 ng/ml



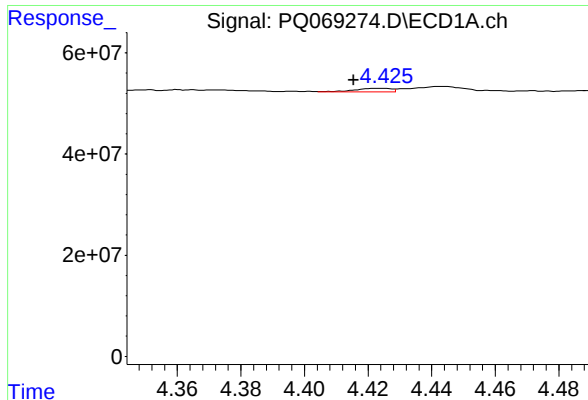
#2 Decachlorobiphenyl

R.T.: 8.463 min
Delta R.T.: 0.011 min
Response: 129945789
Conc: 20.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 188758387
Conc: 22.82 ng/ml



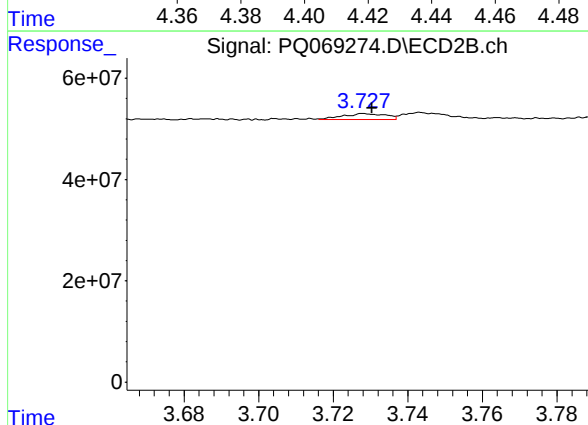
#3 AR-1016-1

R.T.: 4.425 min
Delta R.T.: 0.010 min
Response: 5493023
Conc: 21.41 ng/ml

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

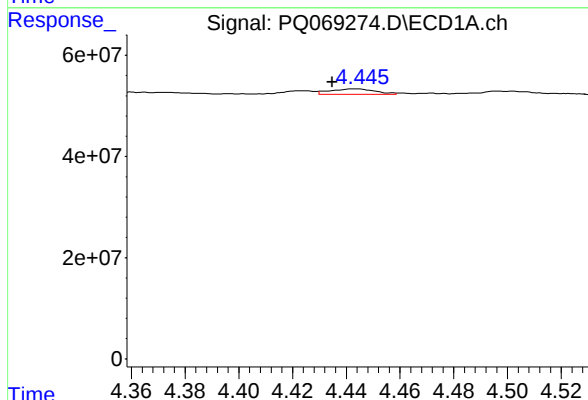
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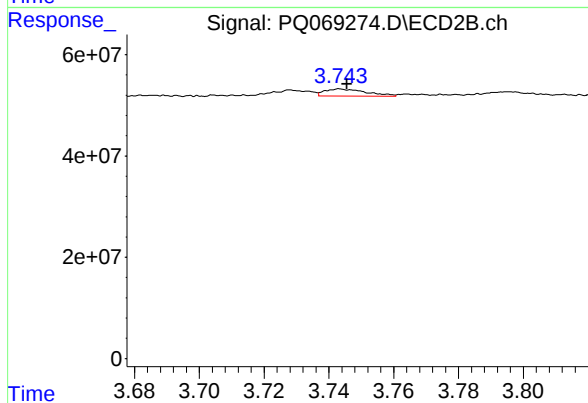
#3 AR-1016-1

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 9608056
Conc: 34.09 ng/ml



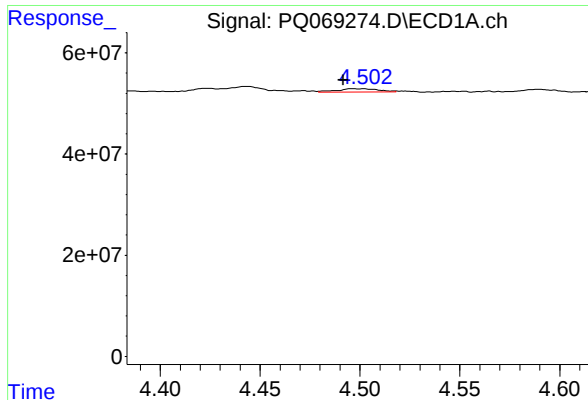
#4 AR-1016-2

R.T.: 4.445 min
Delta R.T.: 0.010 min
Response: 12200470
Conc: 28.19 ng/ml m



#4 AR-1016-2

R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 12553468
Conc: 30.01 ng/ml



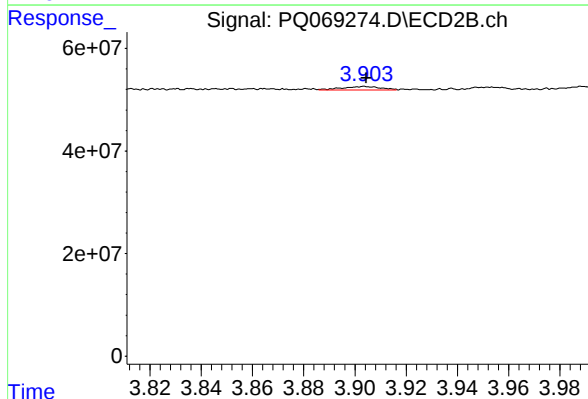
#5 AR-1016-3

R.T.: 4.502 min
Delta R.T.: 0.010 min
Response: 9304518
Conc: 34.89 ng/ml

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

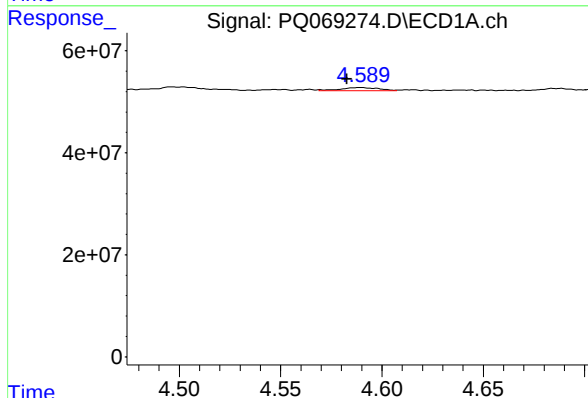
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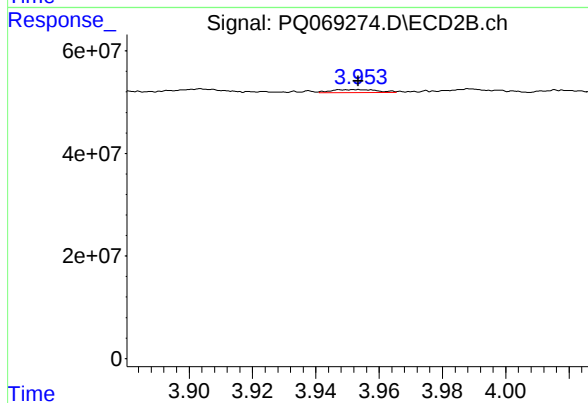
#5 AR-1016-3

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 7781787
Conc: 34.22 ng/ml



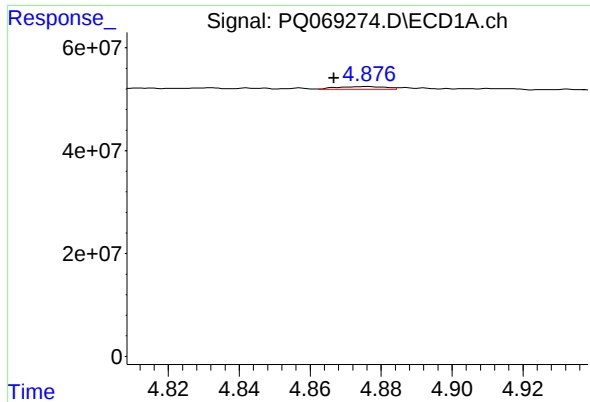
#6 AR-1016-4

R.T.: 4.589 min
Delta R.T.: 0.007 min
Response: 8480838
Conc: 37.66 ng/ml



#6 AR-1016-4

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 6198777
Conc: 34.29 ng/ml



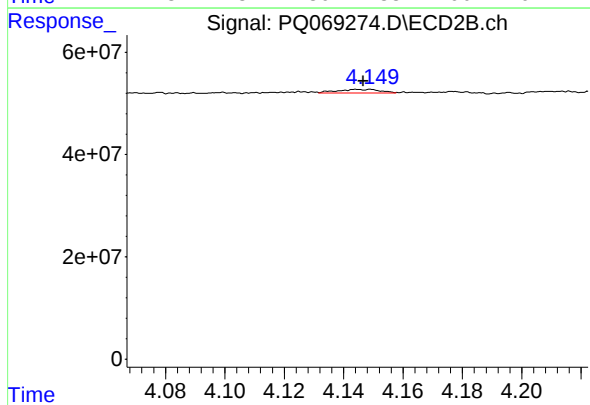
#7 AR-1016-5

R.T.: 4.876 min
Delta R.T.: 0.010 min
Response: 5264922
Conc: 24.81 ng/ml

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

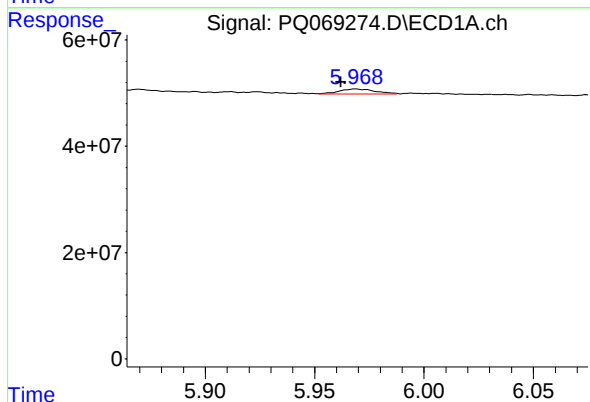
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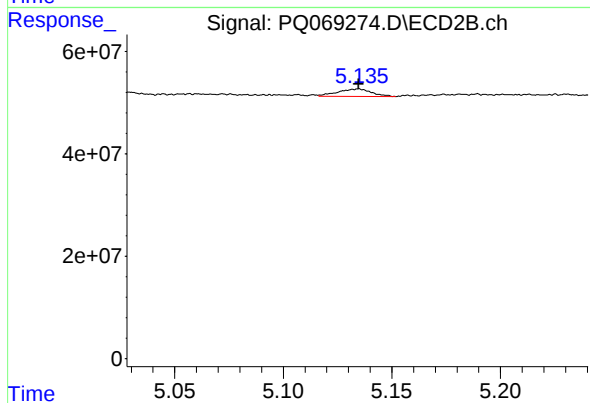
#7 AR-1016-5

R.T.: 4.149 min
Delta R.T.: 0.002 min
Response: 7031157
Conc: 29.14 ng/ml



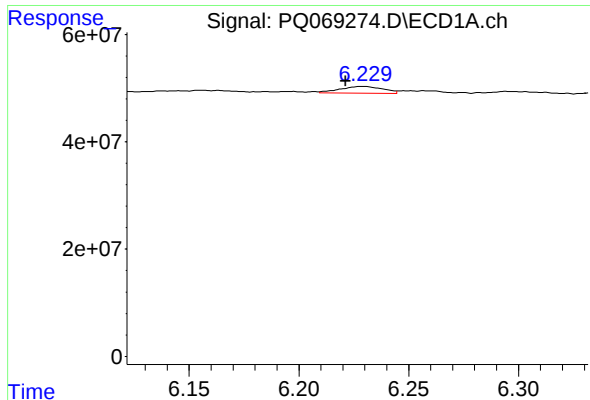
#31 AR-1260-1

R.T.: 5.968 min
Delta R.T.: 0.006 min
Response: 11198965
Conc: 27.52 ng/ml



#31 AR-1260-1

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 15973010
Conc: 35.49 ng/ml



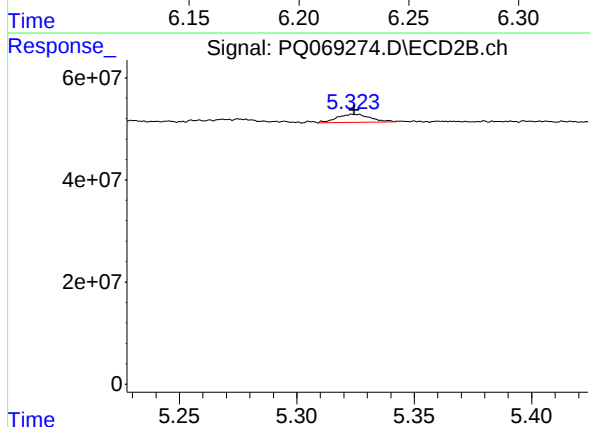
#32 AR-1260-2

R.T.: 6.229 min
Delta R.T.: 0.008 min
Response: 16880895
Conc: 34.10 ng/ml

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

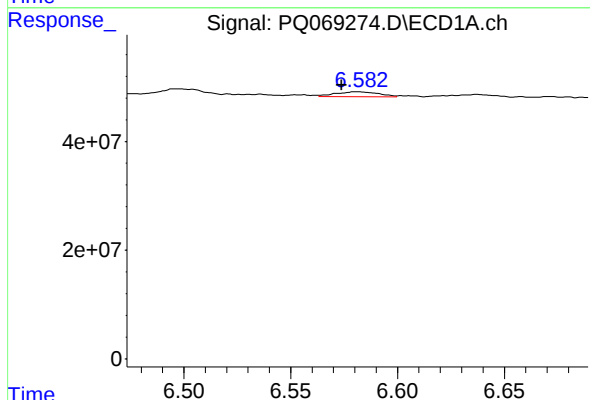
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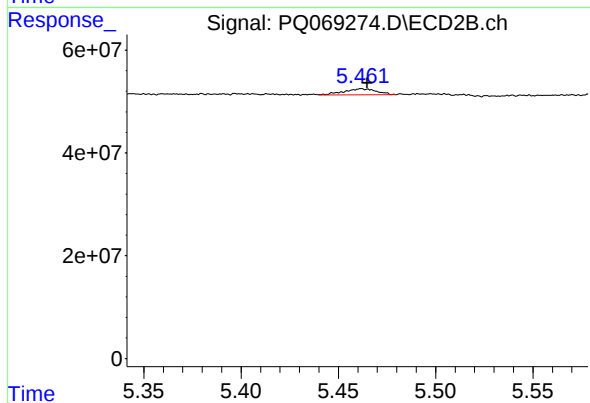
#32 AR-1260-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 15806577
Conc: 31.30 ng/ml



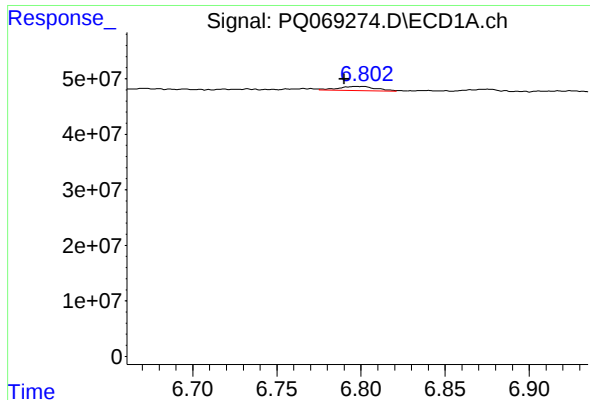
#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 12630298
Conc: 34.44 ng/ml



#33 AR-1260-3

R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 13903768
Conc: 27.44 ng/ml



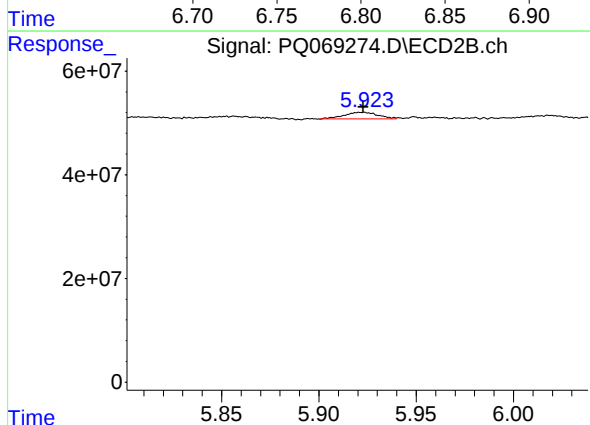
#34 AR-1260-4

R.T.: 6.802 min
Delta R.T.: 0.012 min
Response: 12055173
Conc: 28.60 ng/ml

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

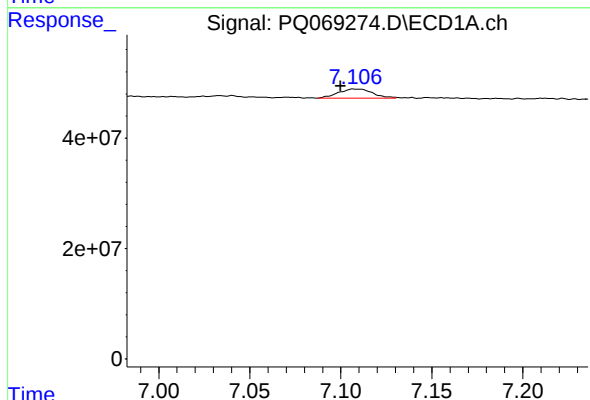
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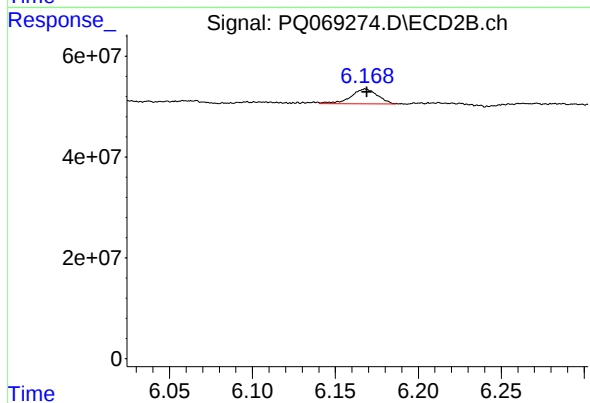
#34 AR-1260-4

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 15731910
Conc: 35.61 ng/ml m



#35 AR-1260-5

R.T.: 7.106 min
Delta R.T.: 0.007 min
Response: 22205992
Conc: 26.06 ng/ml m



#35 AR-1260-5

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 32888714
Conc: 32.24 ng/ml m