

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012925\
 Data File : PQ069865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 16:23
 Operator : YP\AJ
 Sample : Q1168-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 00:47:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 28 14:44:45 2025
 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...	3.415	2.786	175.5E6	131.6E6	21.727	17.313
2) SA Decachlor...	8.530	7.560	111.3E6	151.5E6	23.927	19.682
Target Compounds						
3) L1 AR-1016-1	4.498	3.788	7300141	6266300	32.986m	29.209m
4) L1 AR-1016-2	4.517	3.804	11123158	8145493	30.366m	23.666m
5) L1 AR-1016-3	4.575	3.965	7745712	5081706	32.280m	25.973m
6) L1 AR-1016-4	4.665	4.013	6324783	4296125	33.152	24.462m#
7) L1 AR-1016-5	4.950	4.208	5353204	6054039	28.756	29.319m
31) L7 AR-1260-1	6.042	5.204	10253908	9852734	31.768	26.692
32) L7 AR-1260-2	6.298	5.394	11918708	11501751	33.372	26.628
33) L7 AR-1260-3	6.651	5.536	9315673	11362259	33.029	26.833
34) L7 AR-1260-4	6.864	5.998	7169209	9989669	23.168m	26.786
35) L7 AR-1260-5	7.171	6.242	17645283	21080837	31.432	25.956

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

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Operator : YP\AJ
Sample : Q1168-09
Misc : AR1660 MDL 25 PPB
ALS Vial : 56 Sample Multiplier: 1

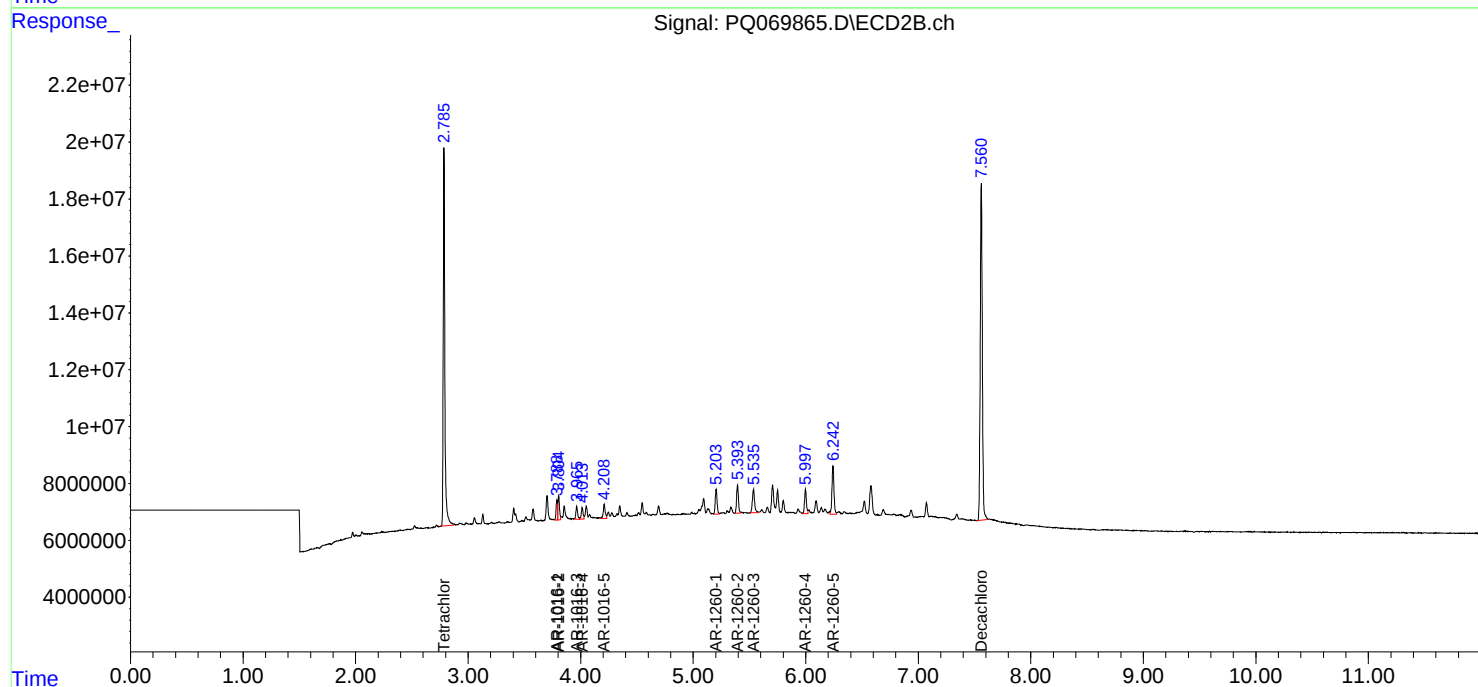
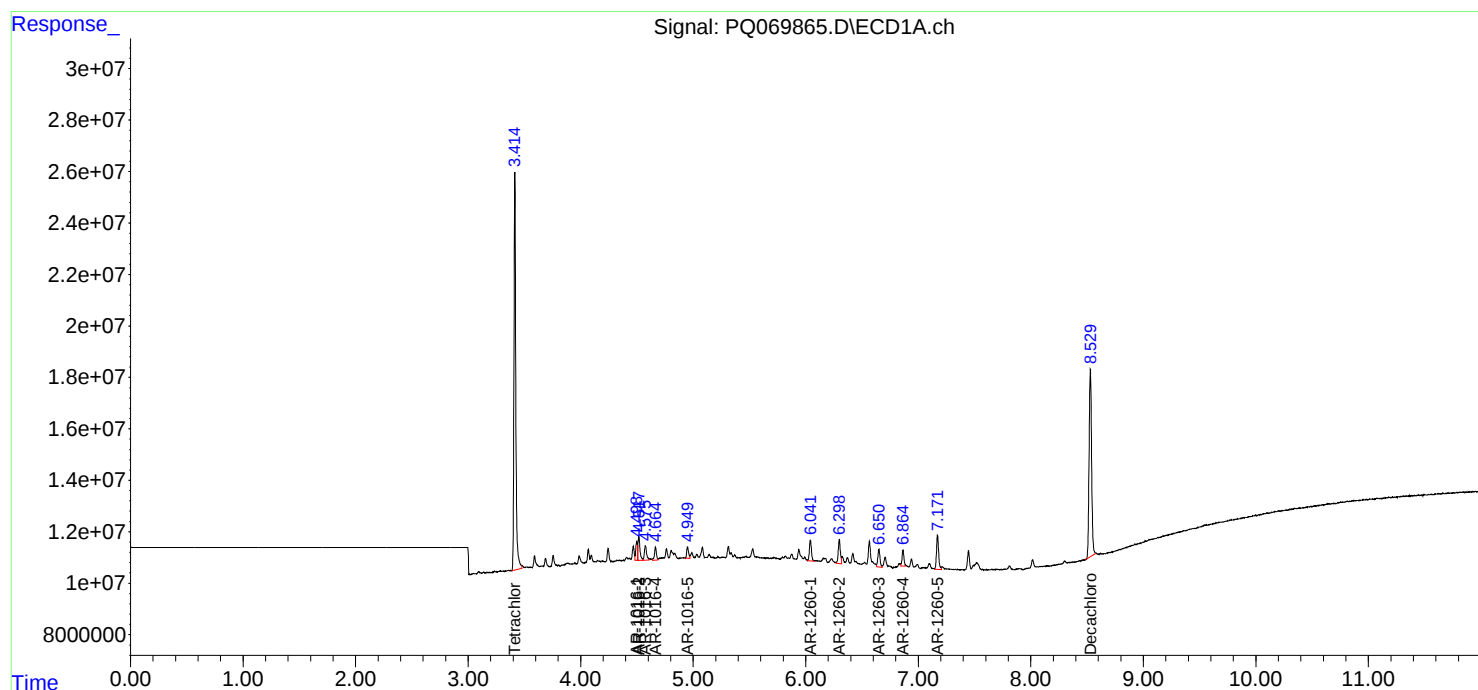
Instrument :
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ClientSampleId :
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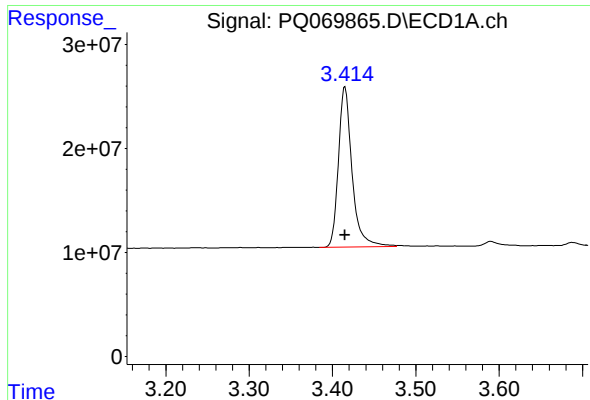
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 00:47:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:44:45 2025
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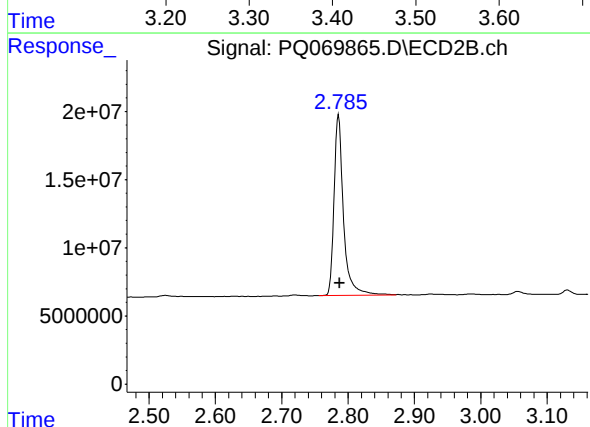
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 175534015
Conc: 21.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2025

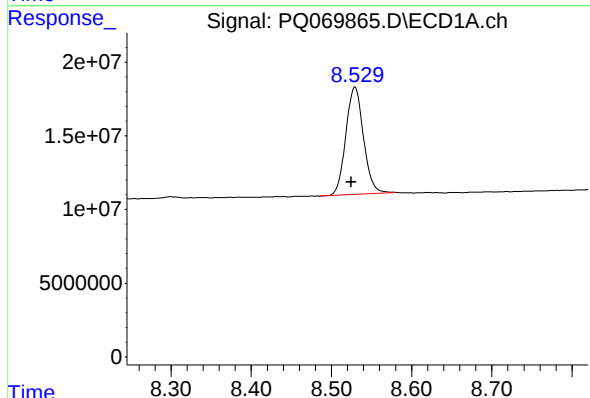
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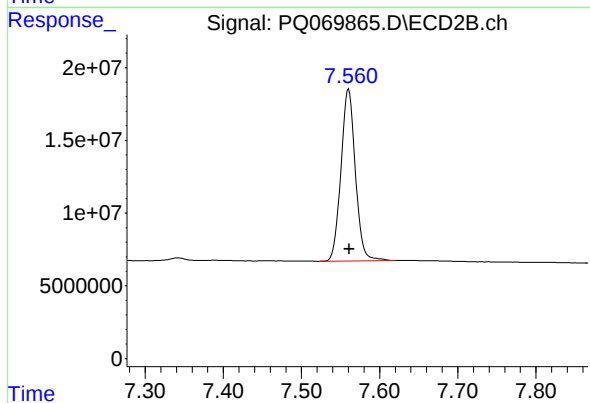
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.002 min
Response: 131584699
Conc: 17.31 ng/ml



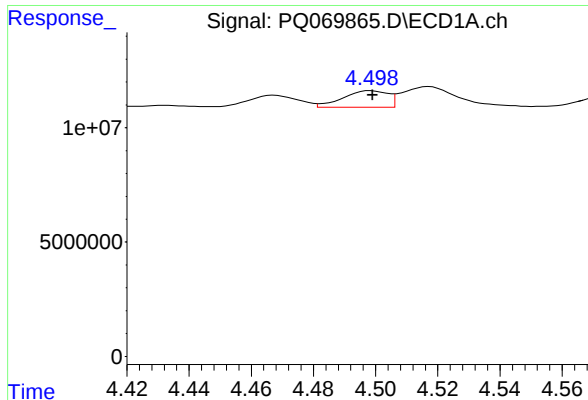
#2 Decachlorobiphenyl

R.T.: 8.530 min
Delta R.T.: 0.005 min
Response: 111286959
Conc: 23.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 151527660
Conc: 19.68 ng/ml



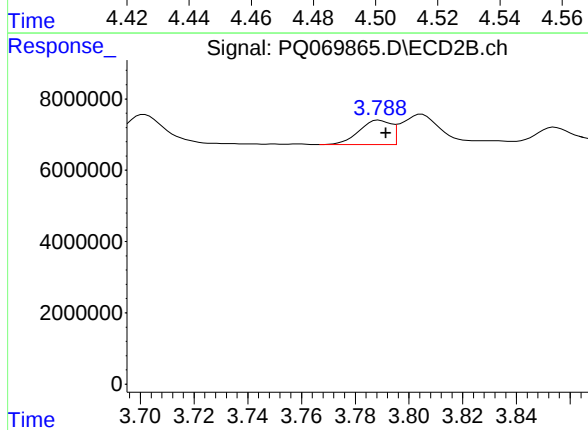
#3 AR-1016-1

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 7300141
Conc: 32.99 ng/ml

Instrument : ECD_Q
ClientSampleId : MDL-WATER-03-QT1-2025

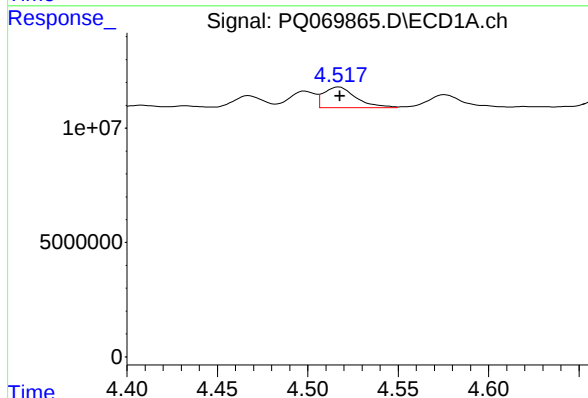
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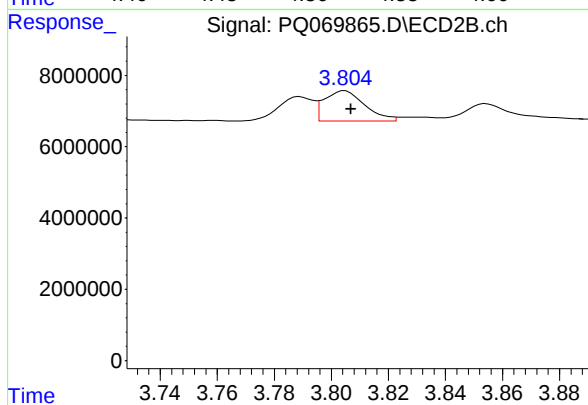
#3 AR-1016-1

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 6266300
Conc: 29.21 ng/ml



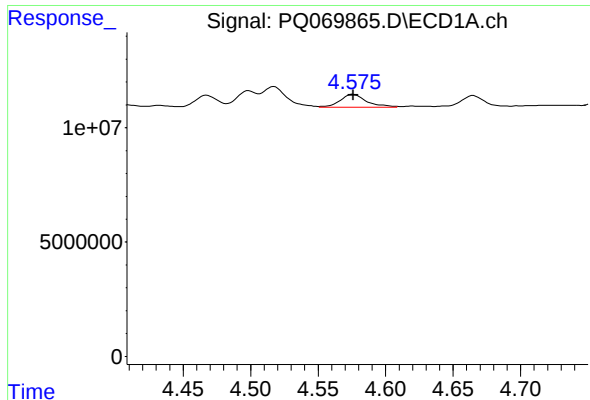
#4 AR-1016-2

R.T.: 4.517 min
Delta R.T.: -0.001 min
Response: 11123158
Conc: 30.37 ng/ml



#4 AR-1016-2

R.T.: 3.804 min
Delta R.T.: -0.003 min
Response: 8145493
Conc: 23.67 ng/ml



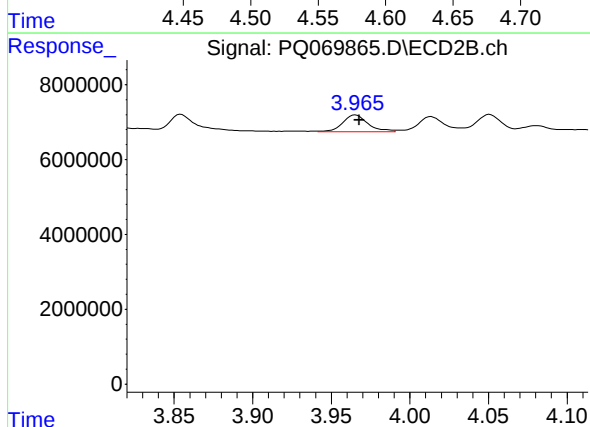
#5 AR-1016-3

R.T.: 4.575 min
Delta R.T.: -0.001 min
Response: 7745712
Conc: 32.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2025

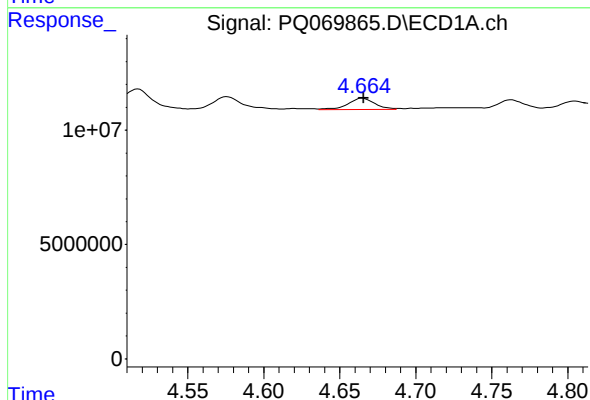
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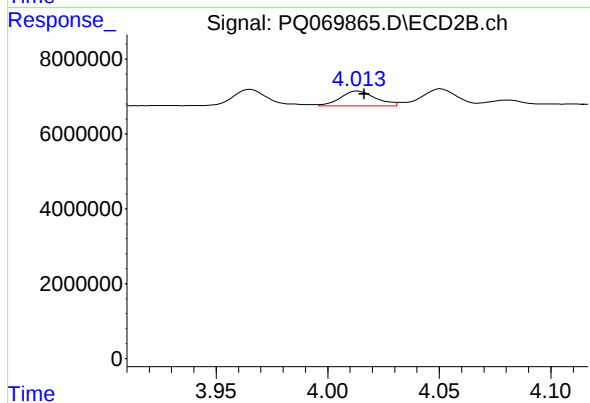
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 5081706
Conc: 25.97 ng/ml



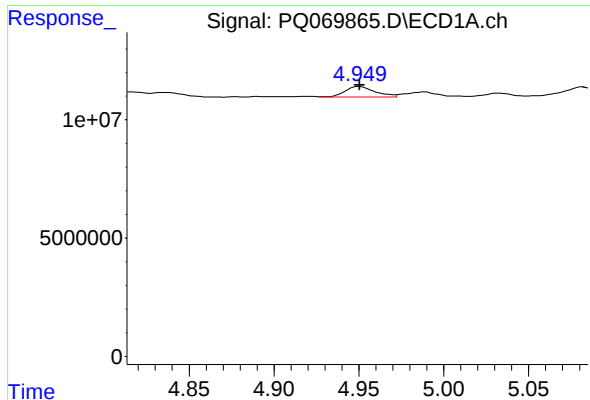
#6 AR-1016-4

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 6324783
Conc: 33.15 ng/ml



#6 AR-1016-4

R.T.: 4.013 min
Delta R.T.: -0.004 min
Response: 4296125
Conc: 24.46 ng/ml



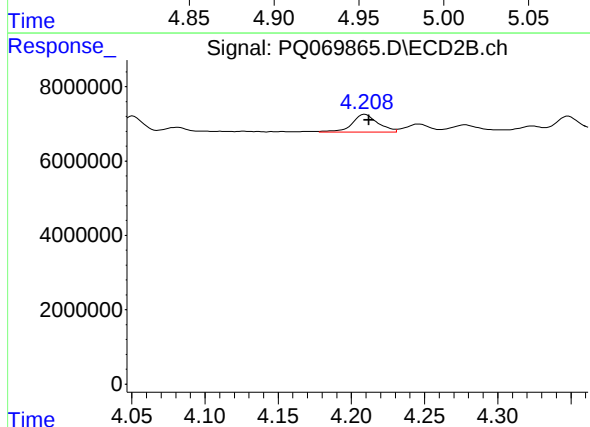
#7 AR-1016-5

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 5353204
Conc: 28.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2025

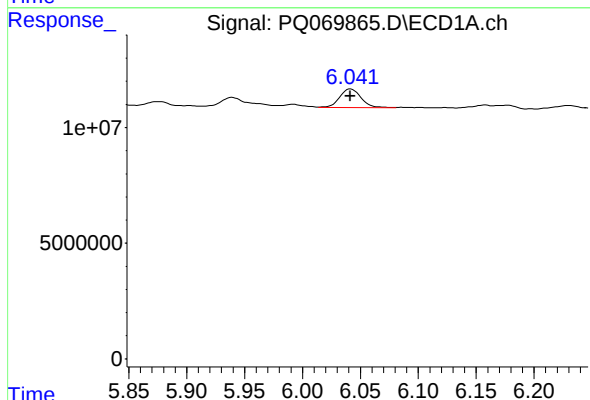
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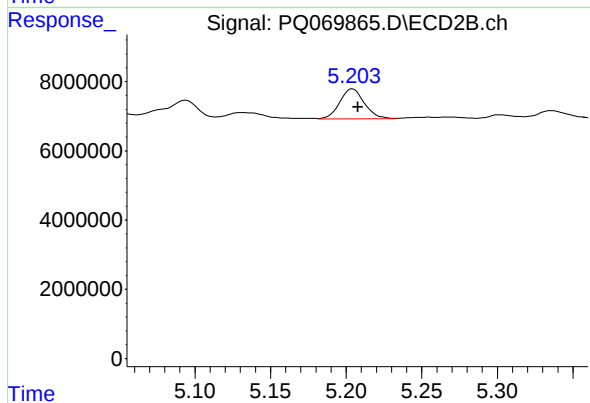
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 6054039
Conc: 29.32 ng/ml



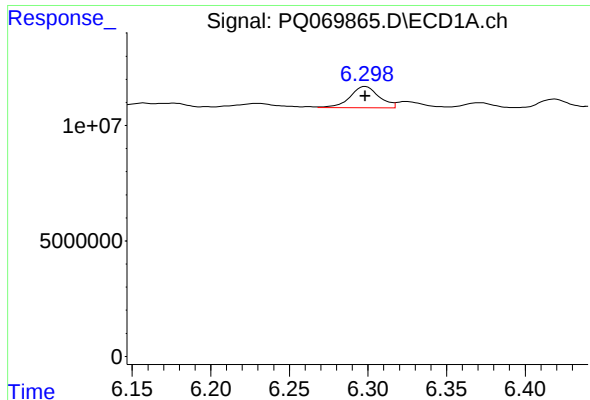
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 10253908
Conc: 31.77 ng/ml



#31 AR-1260-1

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 9852734
Conc: 26.69 ng/ml



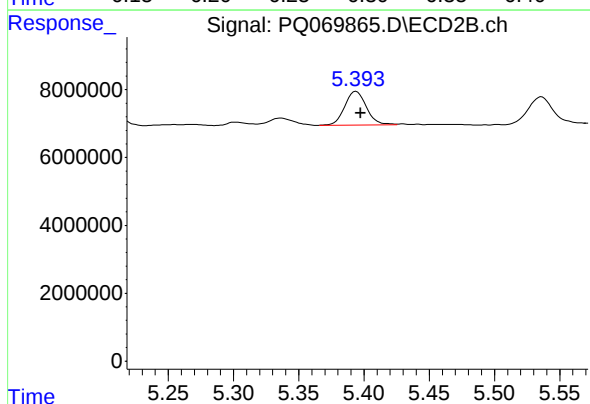
#32 AR-1260-2

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 11918708
Conc: 33.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT1-2025

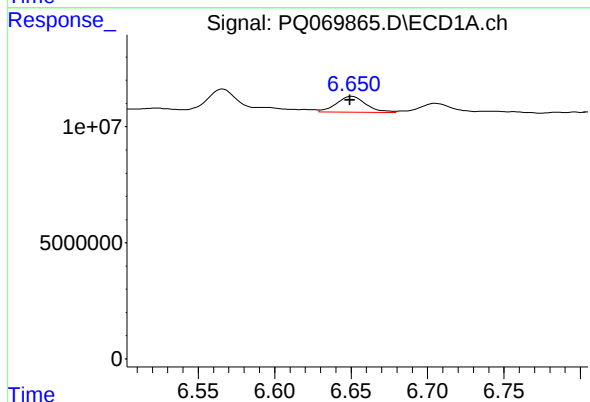
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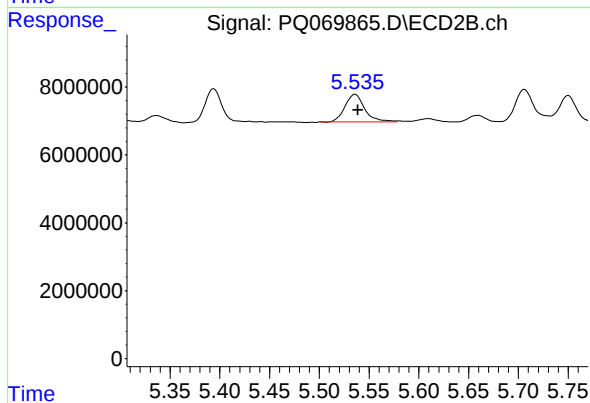
#32 AR-1260-2

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 11501751
Conc: 26.63 ng/ml



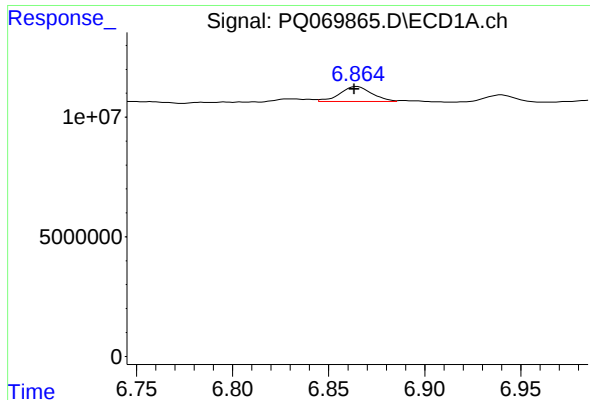
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: 0.001 min
Response: 9315673
Conc: 33.03 ng/ml



#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.003 min
Response: 11362259
Conc: 26.83 ng/ml



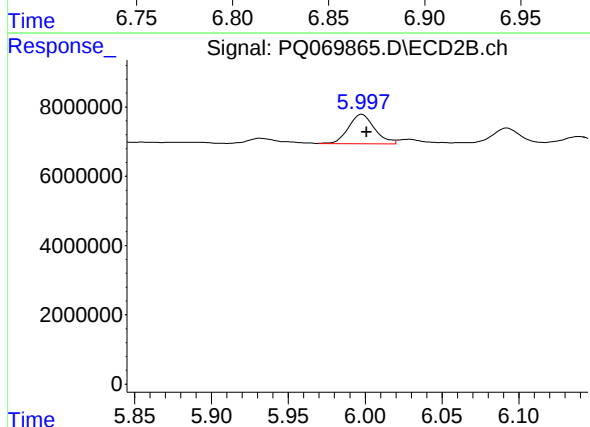
#34 AR-1260-4

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 7169209
Conc: 23.17 ng/ml

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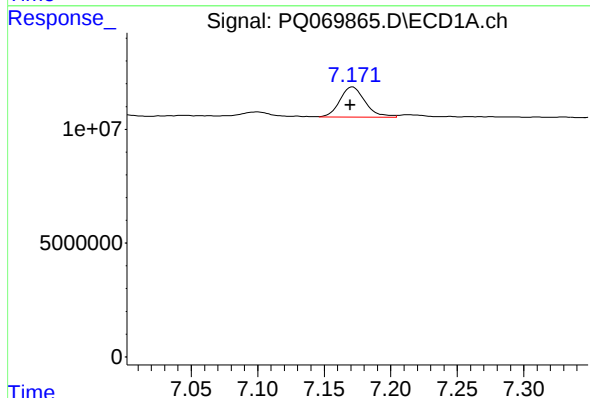
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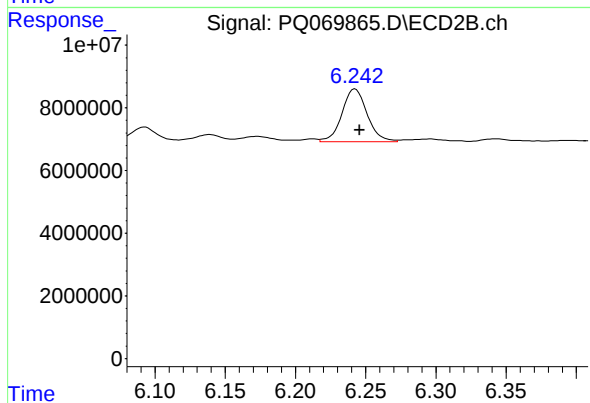
#34 AR-1260-4

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 9989669
Conc: 26.79 ng/ml



#35 AR-1260-5

R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 17645283
Conc: 31.43 ng/ml



#35 AR-1260-5

R.T.: 6.242 min
Delta R.T.: -0.003 min
Response: 21080837
Conc: 25.96 ng/ml