

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
 Data File : PQ069212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 19:24
 Operator : YP\AJ
 Sample : P4368-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 26 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 08:21:45 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	160.9E6	166.4E6	17.833	18.434
2) SA Decachlor...	8.451	7.475	171.9E6	193.2E6	26.619	23.350
Target Compounds						
3) L1 AR-1016-1	4.426	3.730	7285431	7406478	28.392m	26.282
4) L1 AR-1016-2	4.435	3.745	12909283	13095283	29.828m	31.303
5) L1 AR-1016-3	4.492	3.904	8102753	6174845	30.380m	27.150m
6) L1 AR-1016-4	4.578	3.957	5675799	4643581	25.206m	25.690m
7) L1 AR-1016-5	4.870	4.147	4882183	7548763	23.005m	31.286m#
31) L7 AR-1260-1	5.958	5.134	10717273	11289801	26.332m	25.083m
32) L7 AR-1260-2	6.221	5.324	12264095	15806995	24.771m	31.303m#
33) L7 AR-1260-3	6.572	5.464	11366445	13641506	30.995m	26.923
34) L7 AR-1260-4	6.788	5.922	10272428	10265999	24.369m	23.238m
35) L7 AR-1260-5	7.099	6.168	24774730	31223175	29.073m	30.604m

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

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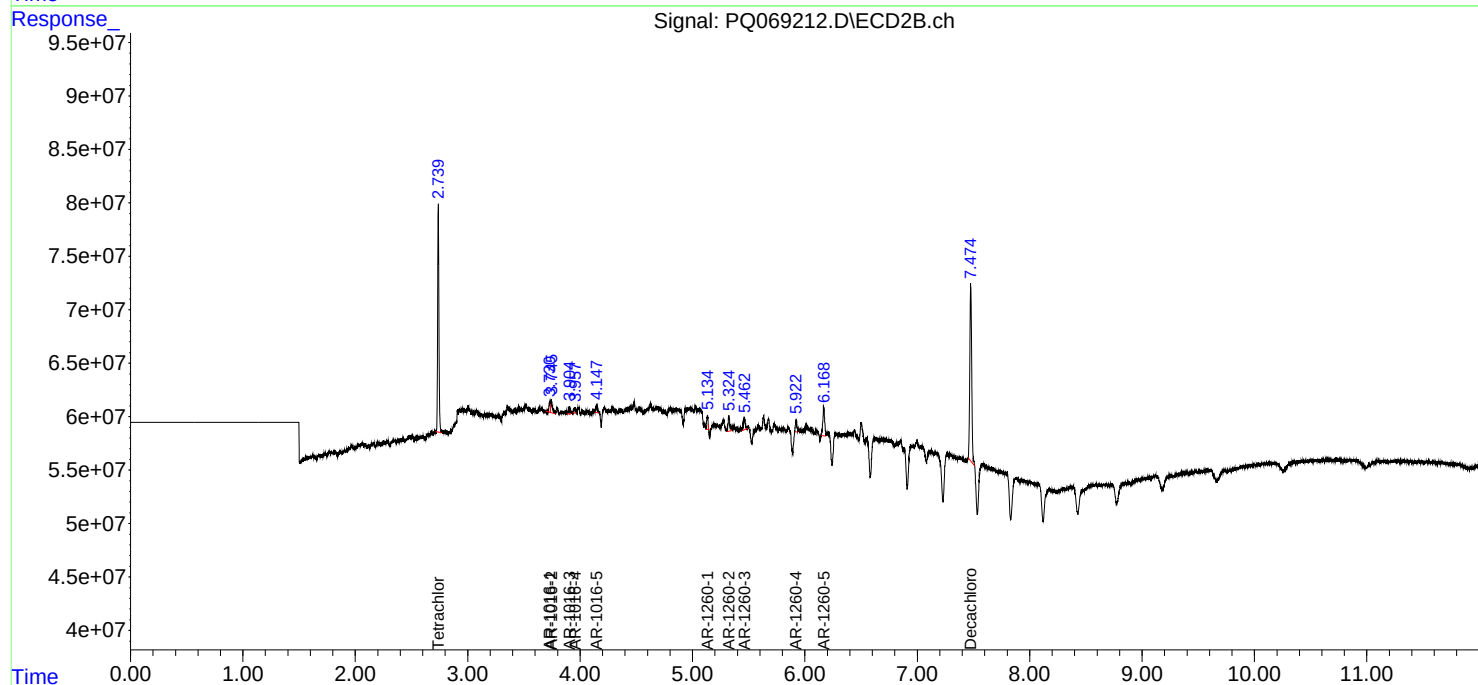
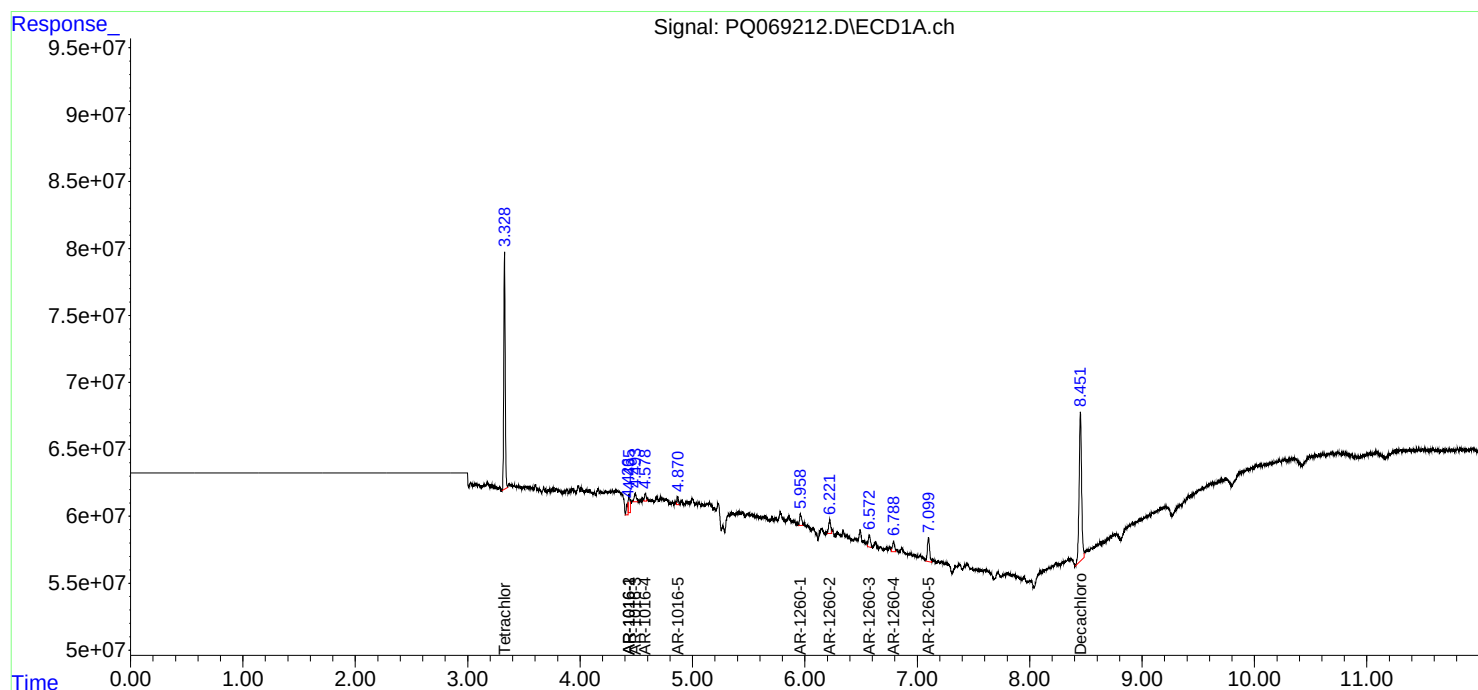
Instrument :
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ClientSampleId :
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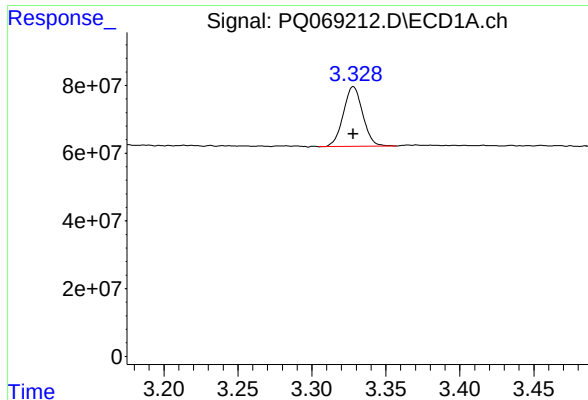
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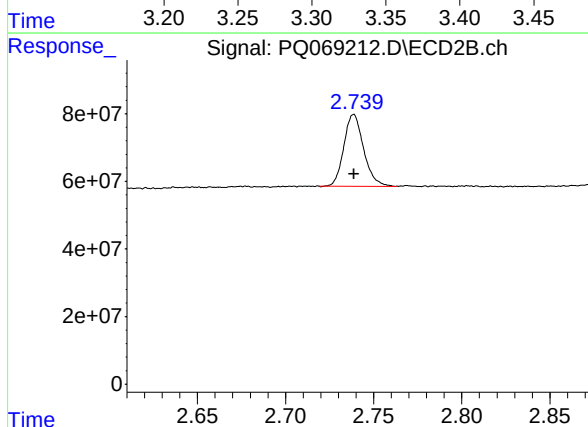
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 160905837
Conc: 17.83 ng/ml

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

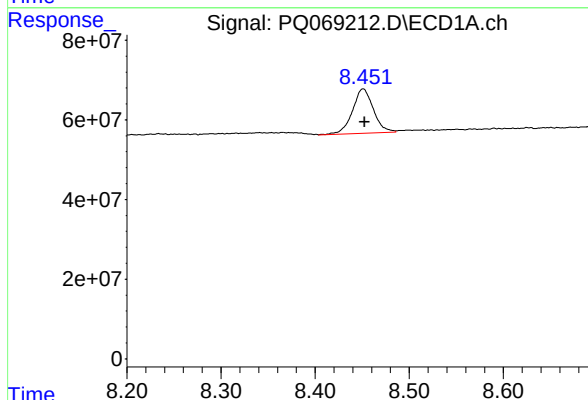
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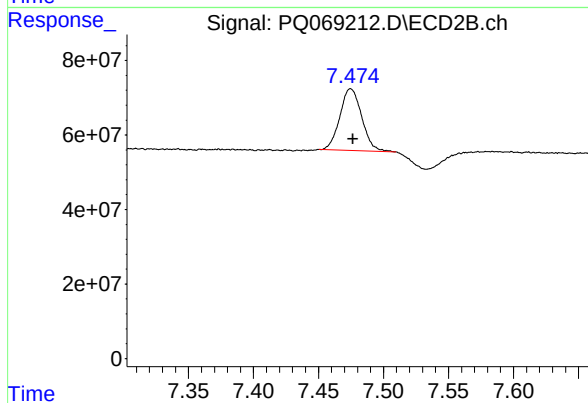
#1 Tetrachloro-m-xylene

R.T.: 2.739 min
Delta R.T.: 0.000 min
Response: 166417390
Conc: 18.43 ng/ml



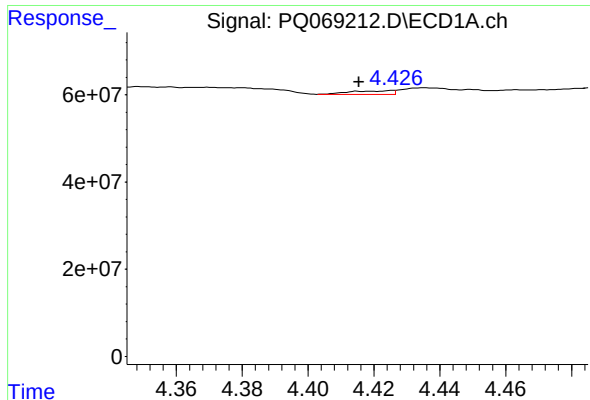
#2 Decachlorobiphenyl

R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 171933057
Conc: 26.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 193176091
Conc: 23.35 ng/ml



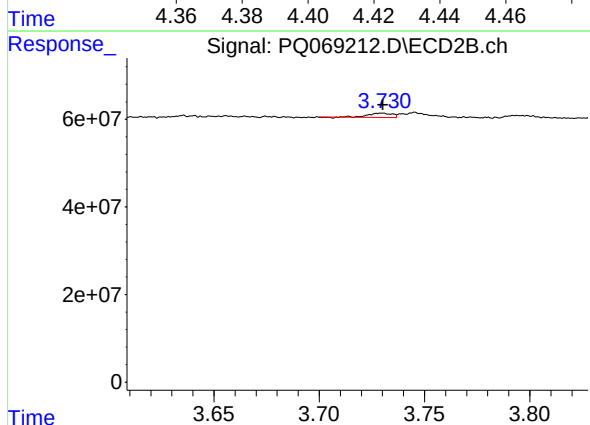
#3 AR-1016-1

R.T.: 4.426 min
Delta R.T.: 0.010 min
Response: 7285431
Conc: 28.39 ng/ml

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

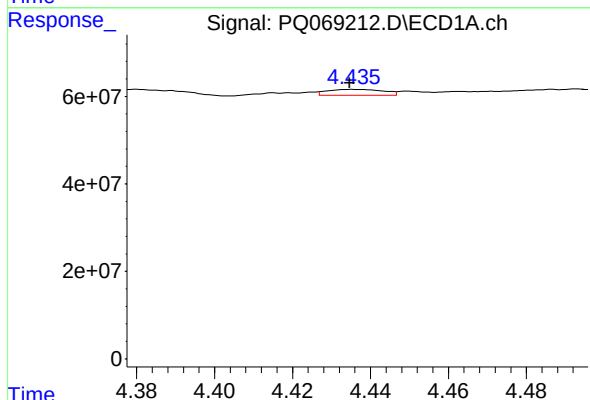
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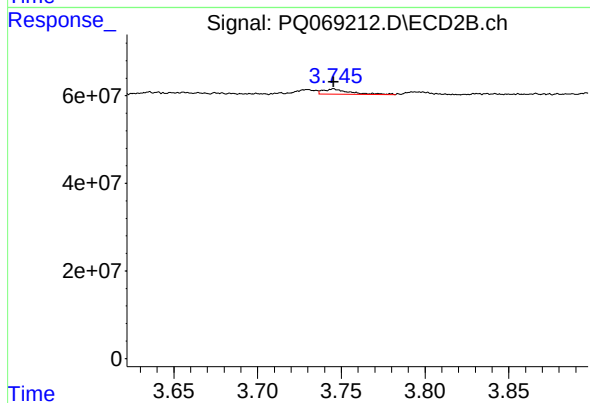
#3 AR-1016-1

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 7406478
Conc: 26.28 ng/ml



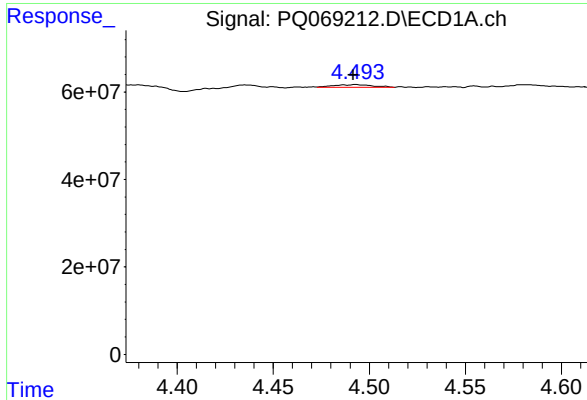
#4 AR-1016-2

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 12909283
Conc: 29.83 ng/ml m



#4 AR-1016-2

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 13095283
Conc: 31.30 ng/ml



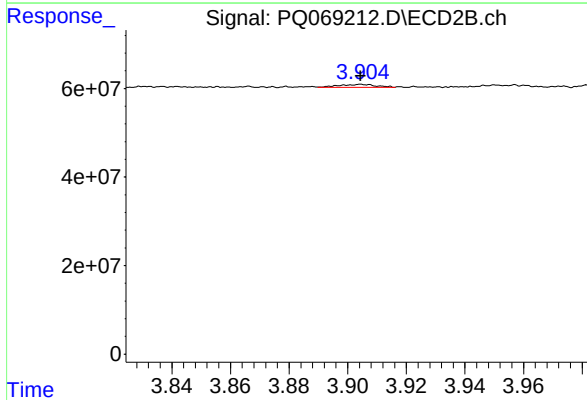
#5 AR-1016-3

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 8102753
Conc: 30.38 ng/ml

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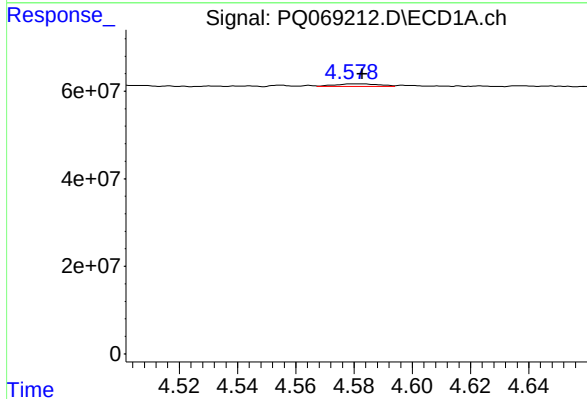
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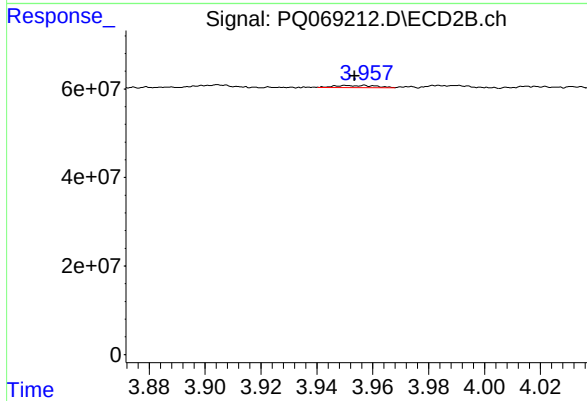
#5 AR-1016-3

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 6174845
Conc: 27.15 ng/ml m



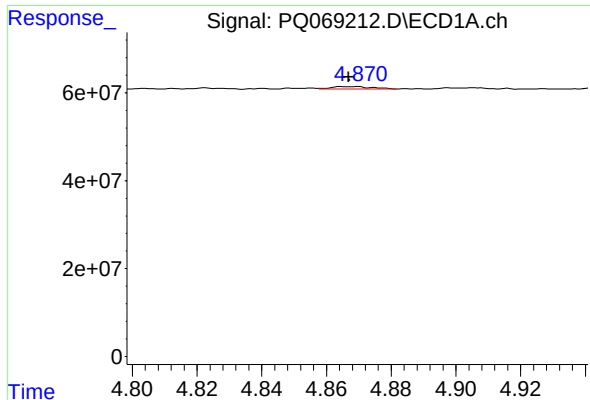
#6 AR-1016-4

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 5675799
Conc: 25.21 ng/ml m



#6 AR-1016-4

R.T.: 3.957 min
Delta R.T.: 0.003 min
Response: 4643581
Conc: 25.69 ng/ml m



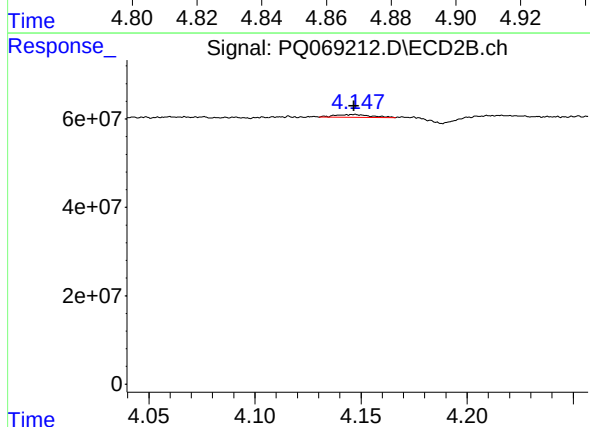
#7 AR-1016-5

R.T.: 4.870 min
Delta R.T.: 0.003 min
Response: 4882183
Conc: 23.00 ng/ml

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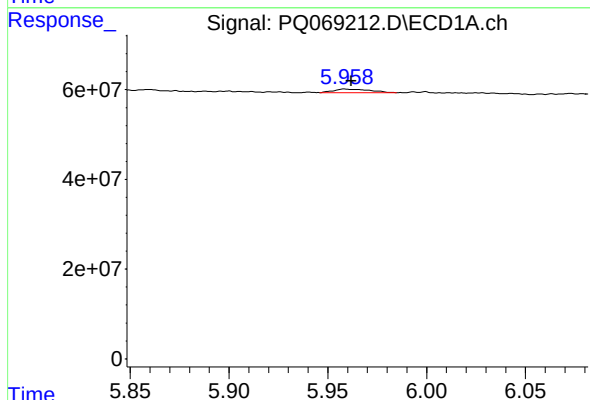
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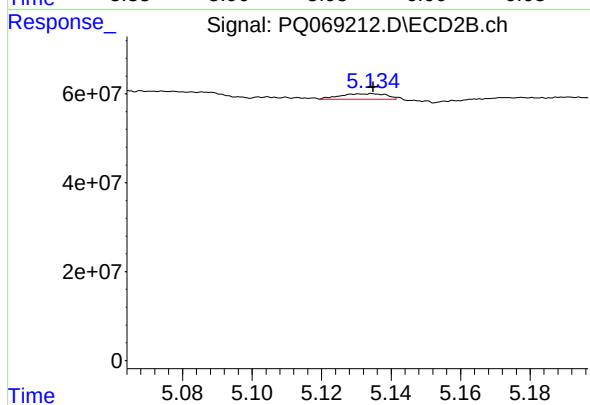
#7 AR-1016-5

R.T.: 4.147 min
Delta R.T.: 0.000 min
Response: 7548763
Conc: 31.29 ng/ml



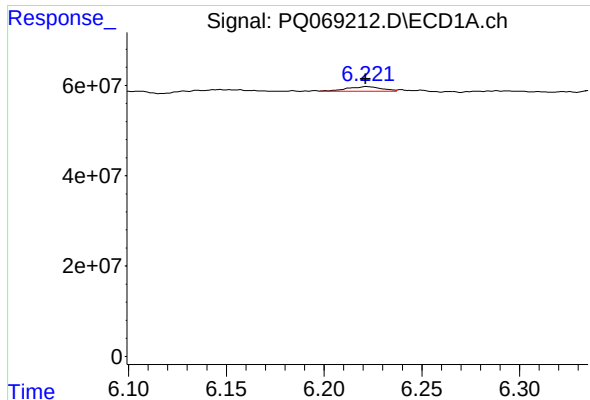
#31 AR-1260-1

R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 10717273
Conc: 26.33 ng/ml



#31 AR-1260-1

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 11289801
Conc: 25.08 ng/ml



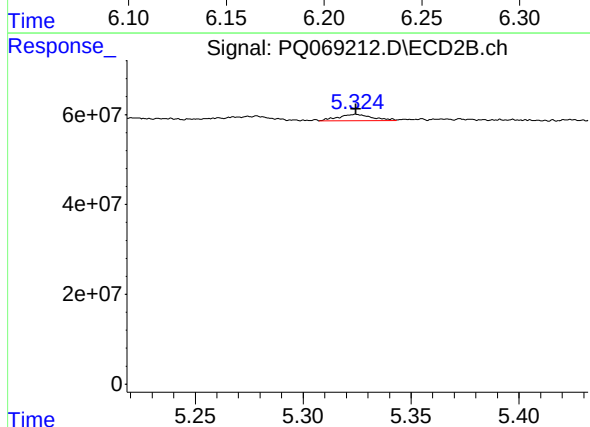
#32 AR-1260-2

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 12264095
Conc: 24.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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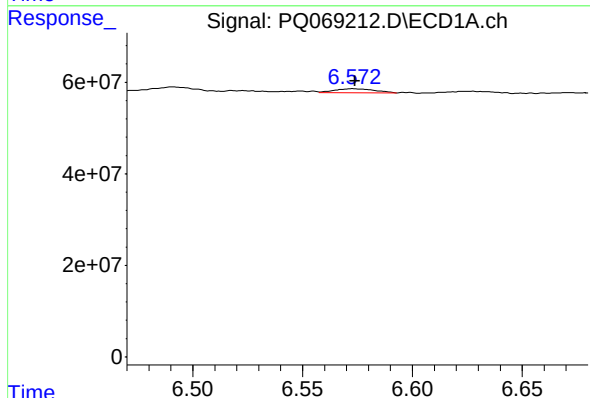
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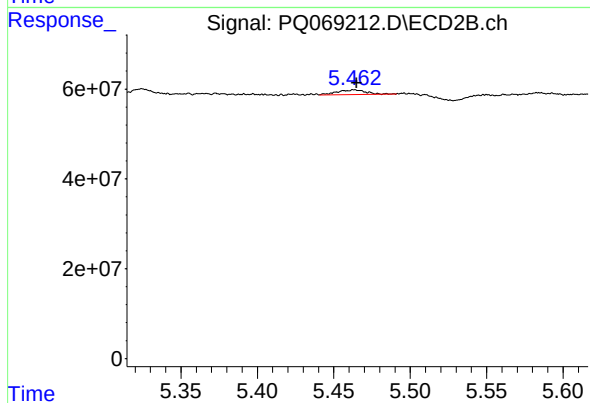
#32 AR-1260-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 15806995
Conc: 31.30 ng/ml



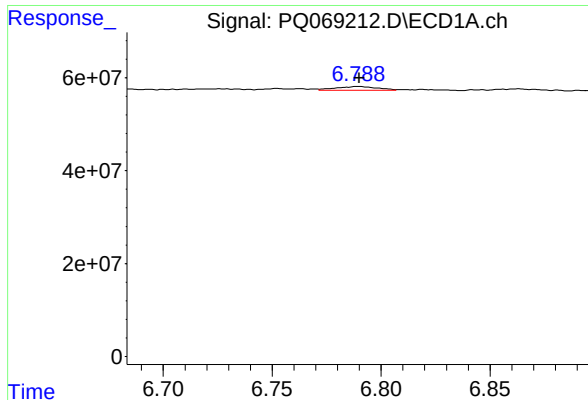
#33 AR-1260-3

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 11366445
Conc: 31.00 ng/ml



#33 AR-1260-3

R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 13641506
Conc: 26.92 ng/ml



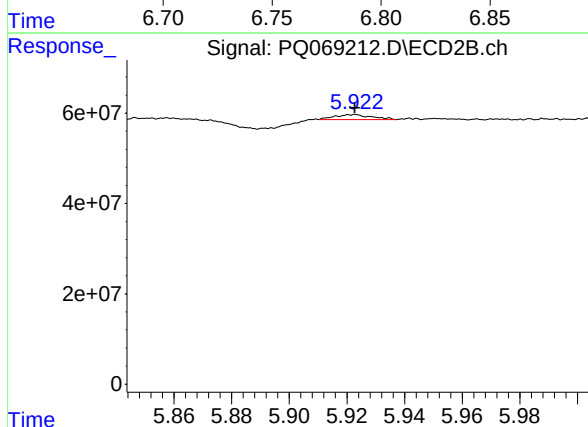
#34 AR-1260-4

R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 10272428
Conc: 24.37 ng/ml

Instrument :
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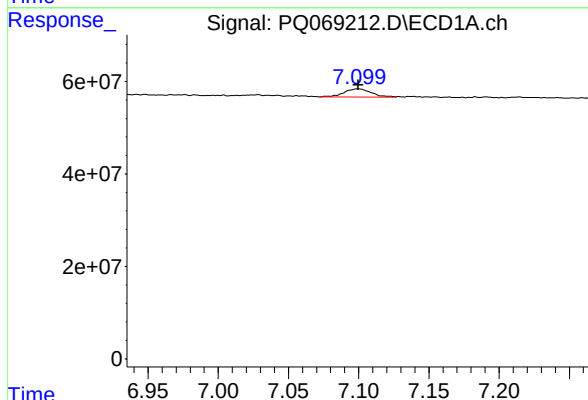
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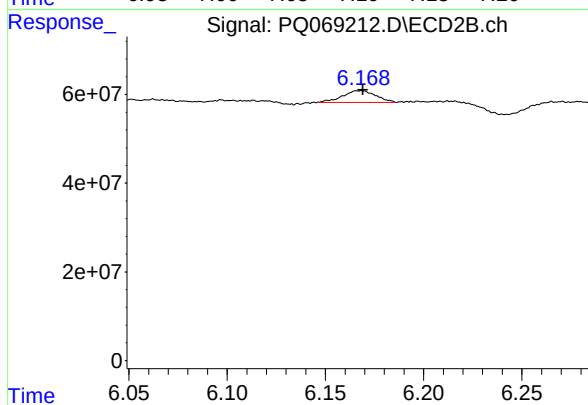
#34 AR-1260-4

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 10265999
Conc: 23.24 ng/ml



#35 AR-1260-5

R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 24774730
Conc: 29.07 ng/ml



#35 AR-1260-5

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 31223175
Conc: 30.60 ng/ml