Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051519\
Data File : PR037948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2019 19:04
Operator : SM\MA
Sample : K2241-09
Misc : AR1660 MDL 25PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
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5/16/2019 9:40:42 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:23:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun May 12 00:51:44 2019
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...	3.792	4.640	31289013	94177695	17.363	18.676
2)	SA Decachlor...	8.778	10.400	50938557	111.0E6	26.699	24.395
	Target Compounds						
3)	L1 AR-1016-1	4.865	5.794	2247257	5084184	28.822	27.031
4)	L1 AR-1016-2	4.884	5.816	2797236	7544398	25.951	27.852
5)	L1 AR-1016-3	5.058	5.877	1466036	4571208	25.847	28.077
6)	L1 AR-1016-4	5.098	5.977	1091276	3852604	23.877	27.982
7)	L1 AR-1016-5	5.309	6.266	1766558	3884448	28.483m	28.596
31)	L7 AR-1260-1	6.332	7.379	3778443	7682516	31.485m	31.042m
32)	L7 AR-1260-2	6.516	7.631	5395508	9590975	34.420m	32.607
33)	L7 AR-1260-3	6.670	7.986	4096558	7328427	30.986m	33.565
34)	L7 AR-1260-4	7.139	8.217	3436466	8500584	32.253	33.268
35)	L7 AR-1260-5	7.378	8.545	9170546	17129875	32.643	32.973

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

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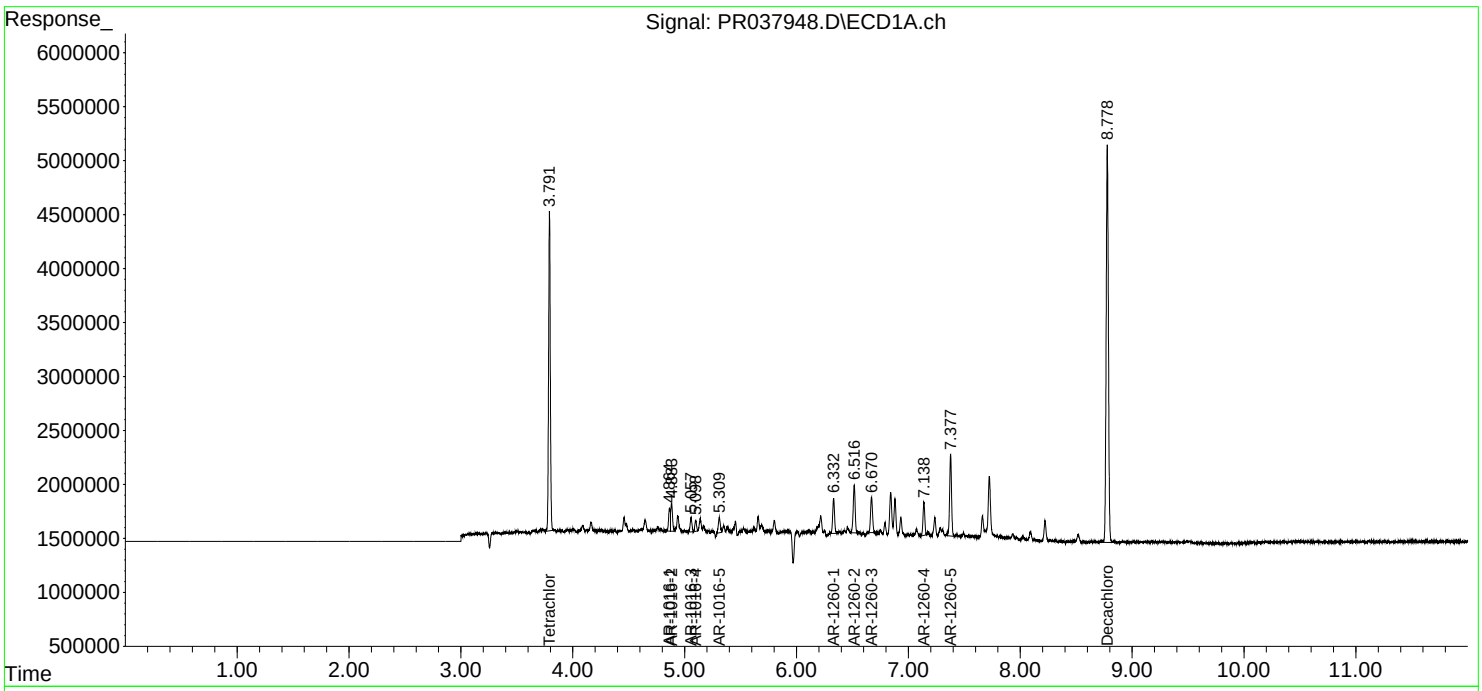

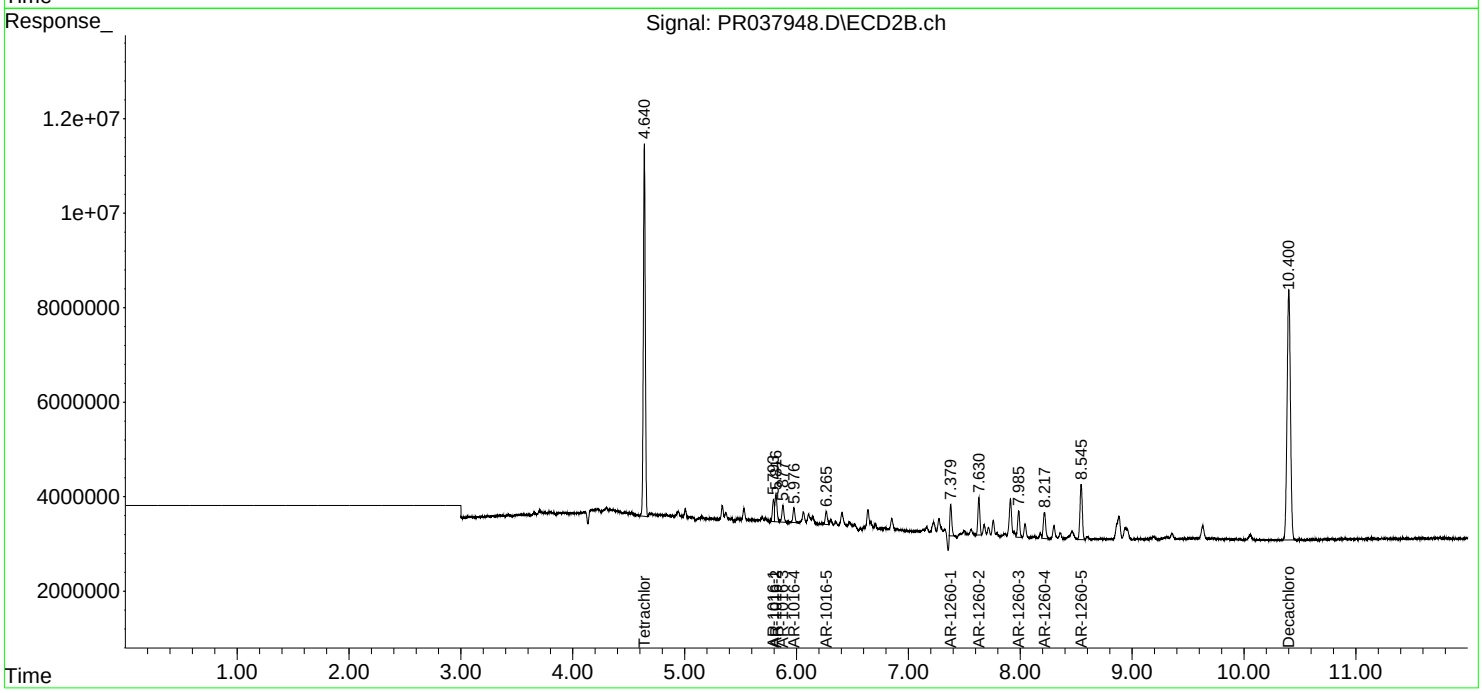

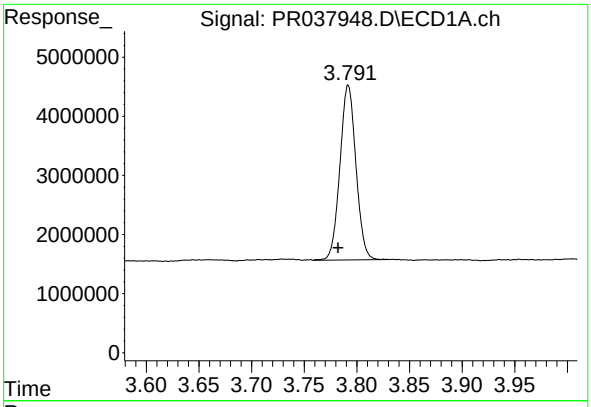

#1 Tetrachloro-m-xylene

R.T.: 3.792 min
Delta R.T.: 0.010 min
Response: 31289013
Conc: 17.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

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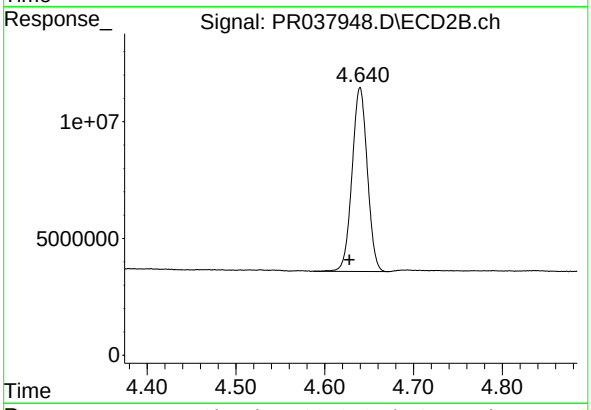
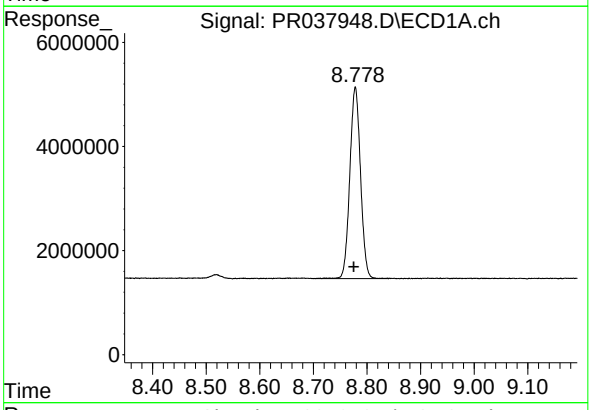


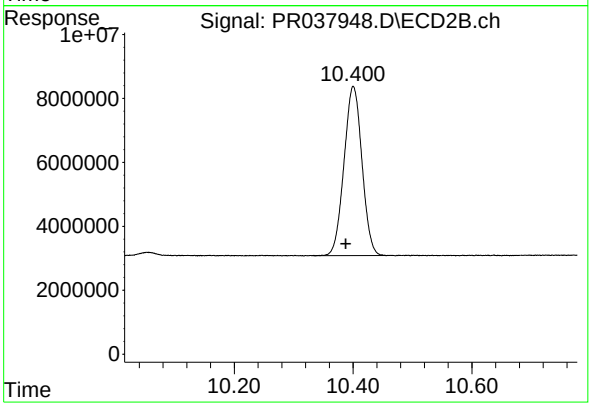
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.012 min
Response: 94177695
Conc: 18.68 ng/ml



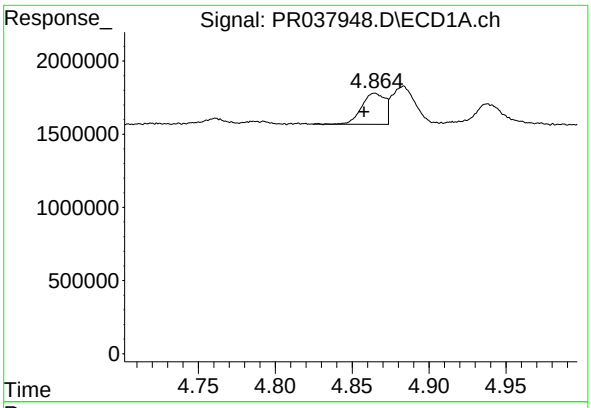
#2 Decachlorobiphenyl

R.T.: 8.778 min
Delta R.T.: 0.003 min
Response: 50938557
Conc: 26.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: 0.013 min
Response: 110953391
Conc: 24.40 ng/ml



#3 AR-1016-1

R.T.: 4.865 min
Delta R.T.: 0.007 min
Response: 2247257
Conc: 28.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
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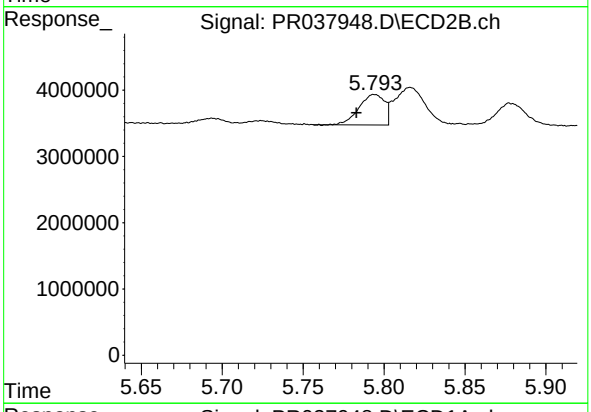
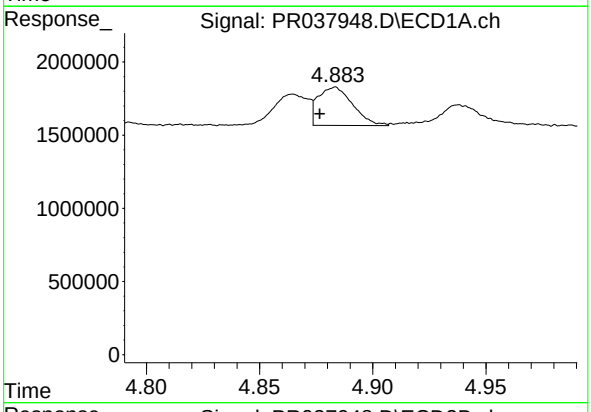


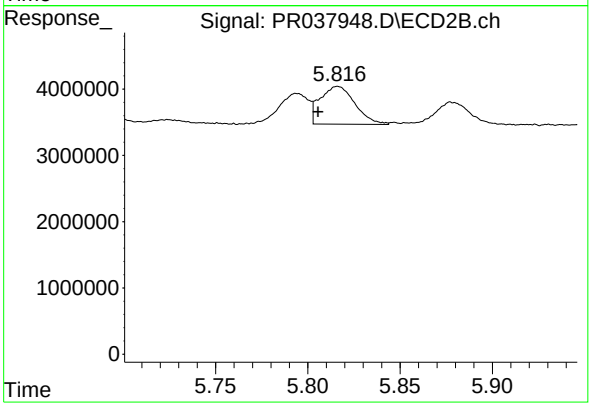
#3 AR-1016-1

R.T.: 5.794 min
Delta R.T.: 0.011 min
Response: 5084184
Conc: 27.03 ng/ml



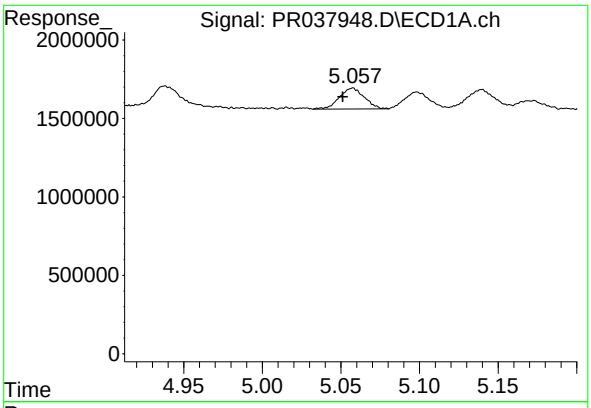
#4 AR-1016-2

R.T.: 4.884 min
Delta R.T.: 0.007 min
Response: 2797236
Conc: 25.95 ng/ml



#4 AR-1016-2

R.T.: 5.816 min
Delta R.T.: 0.010 min
Response: 7544398
Conc: 27.85 ng/ml



#5 AR-1016-3

R.T.: 5.058 min
Delta R.T.: 0.006 min
Response: 1466036
Conc: 25.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
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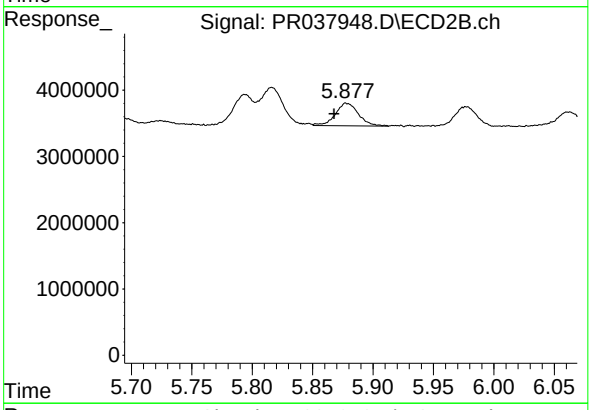
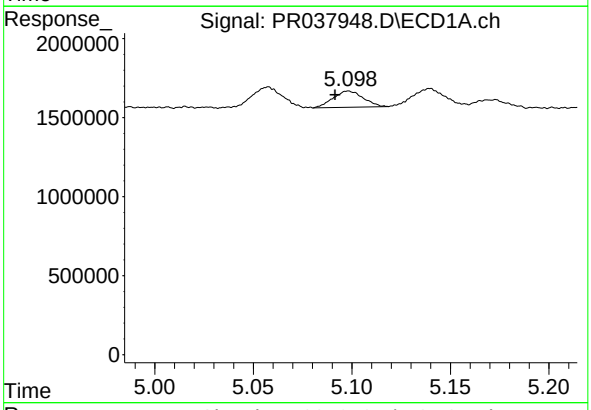


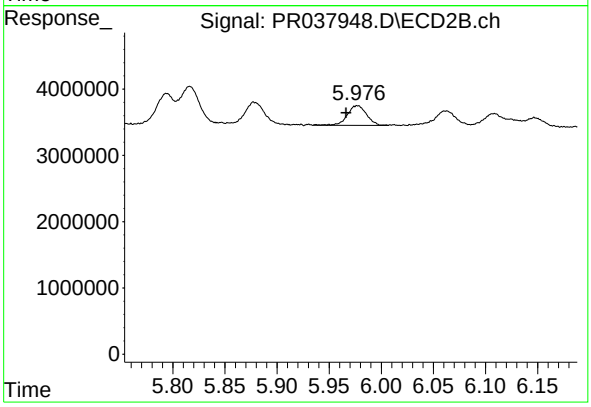
#5 AR-1016-3

R.T.: 5.877 min
Delta R.T.: 0.009 min
Response: 4571208
Conc: 28.08 ng/ml



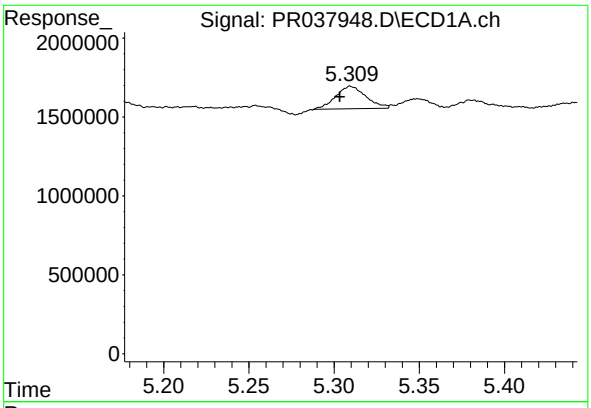
#6 AR-1016-4

R.T.: 5.098 min
Delta R.T.: 0.007 min
Response: 1091276
Conc: 23.88 ng/ml



#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.011 min
Response: 3852604
Conc: 27.98 ng/ml



#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.006 min
Response: 1766558
Conc: 28.48 ng/ml m

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

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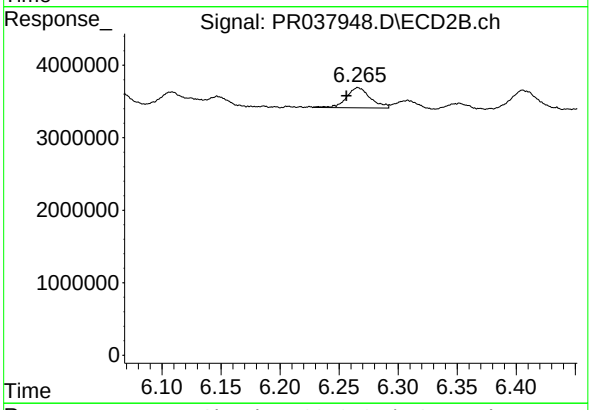
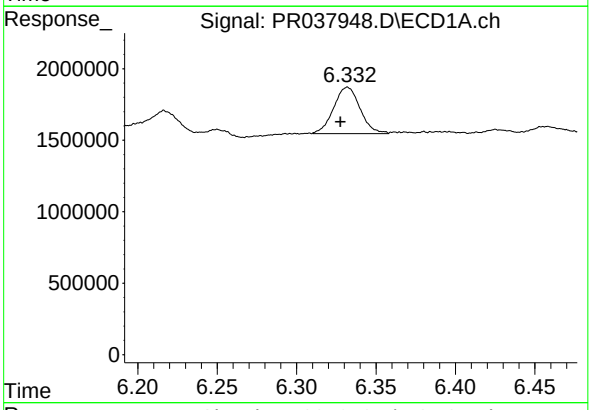


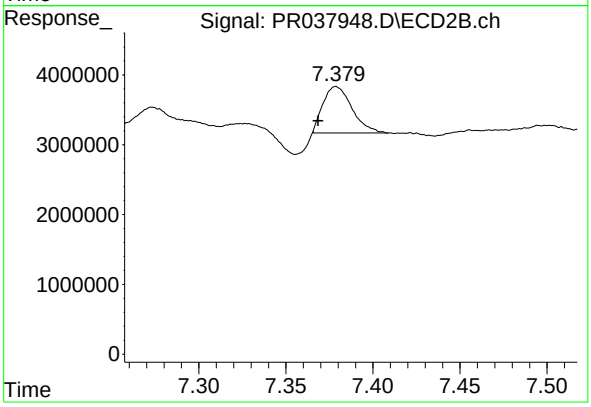
#7 AR-1016-5

R.T.: 6.266 min
Delta R.T.: 0.010 min
Response: 3884448
Conc: 28.60 ng/ml



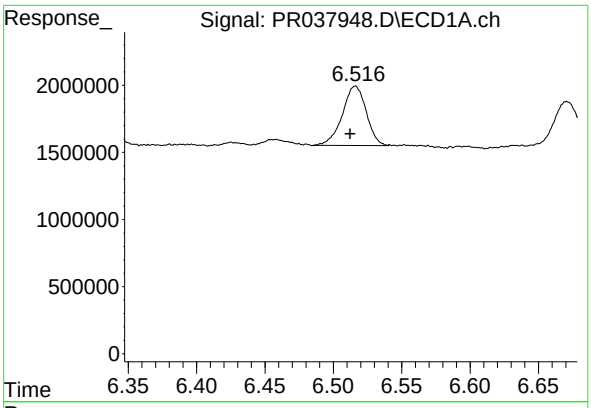
#31 AR-1260-1

R.T.: 6.332 min
Delta R.T.: 0.004 min
Response: 3778443
Conc: 31.48 ng/ml m



#31 AR-1260-1

R.T.: 7.379 min
Delta R.T.: 0.010 min
Response: 7682516
Conc: 31.04 ng/ml m



#32 AR-1260-2

R.T.: 6.516 min
Delta R.T.: 0.004 min
Response: 5395508
Conc: 34.42 ng/ml m

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

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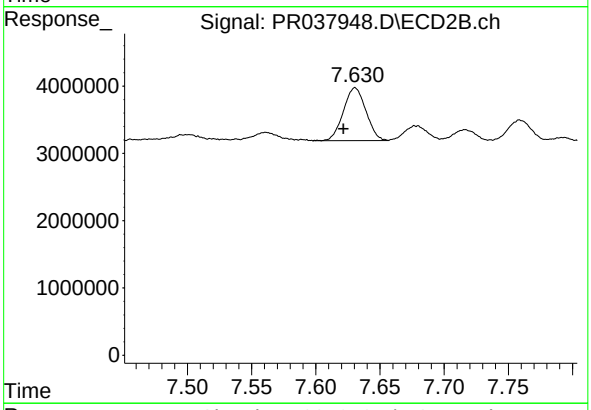
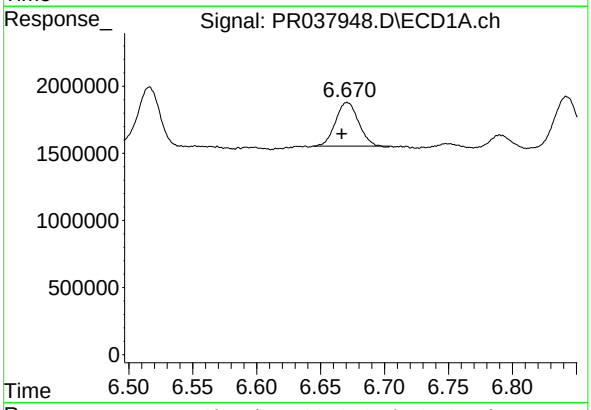


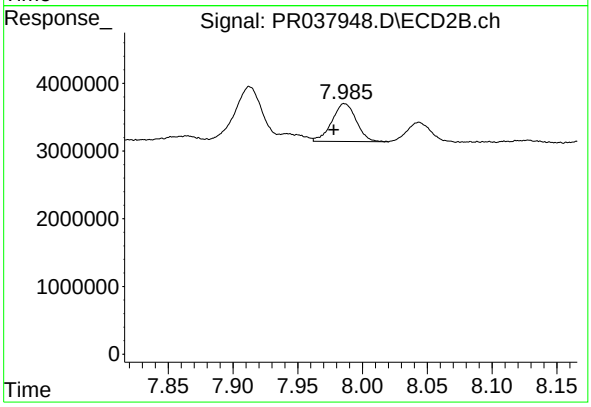
#32 AR-1260-2

R.T.: 7.631 min
Delta R.T.: 0.009 min
Response: 9590975
Conc: 32.61 ng/ml



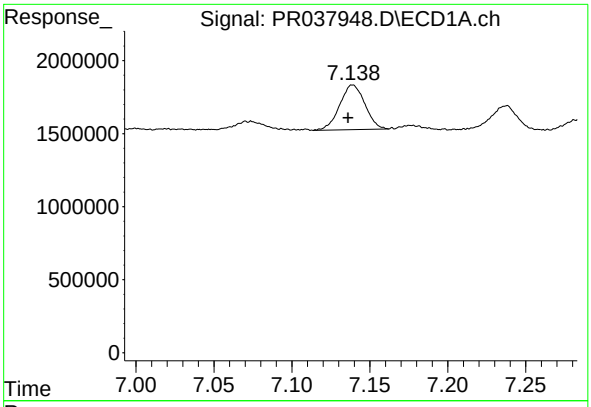
#33 AR-1260-3

R.T.: 6.670 min
Delta R.T.: 0.004 min
Response: 4096558
Conc: 30.99 ng/ml m



#33 AR-1260-3

R.T.: 7.986 min
Delta R.T.: 0.008 min
Response: 7328427
Conc: 33.57 ng/ml



#34 AR-1260-4

R.T.: 7.139 min
Delta R.T.: 0.003 min
Response: 3436466
Conc: 32.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
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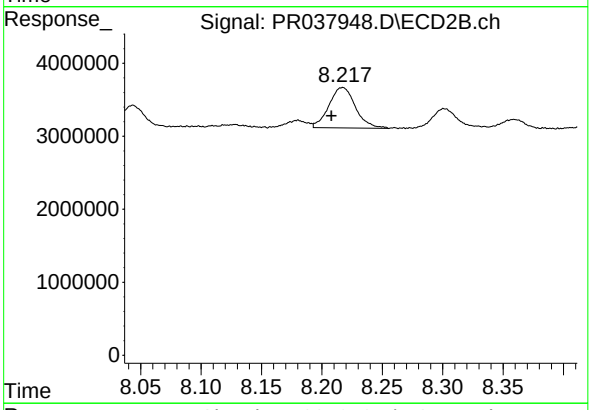
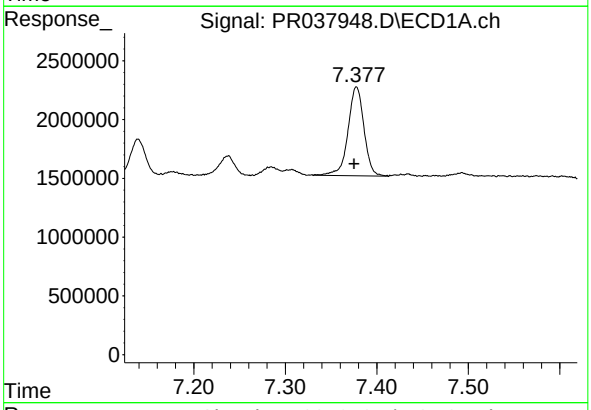


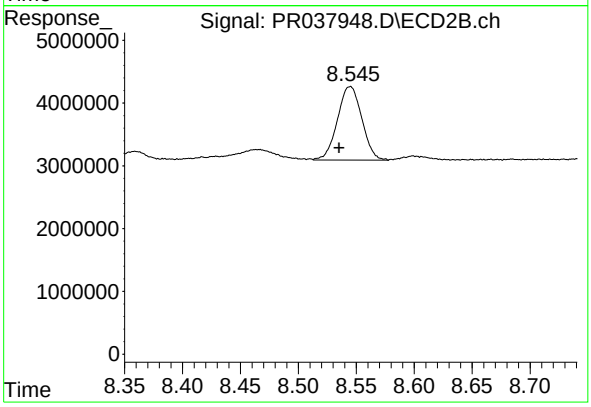
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: 0.009 min
Response: 8500584
Conc: 33.27 ng/ml



#35 AR-1260-5

R.T.: 7.378 min
Delta R.T.: 0.003 min
Response: 9170546
Conc: 32.64 ng/ml



#35 AR-1260-5

R.T.: 8.545 min
Delta R.T.: 0.010 min
Response: 17129875
Conc: 32.97 ng/ml