Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO031121\
Data File : PO076053.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Mar 2021 13:18
Operator : DD\AJ
Sample : M1458-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
Ankita
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 16:22:26 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO030421.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 05 08:07:39 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.928	3.942	1011244	800954	16.965	17.955
2) SA	Decachlor...	10.934	9.214	690884	742522	21.031	20.421
	Target Compounds						
3) L1	AR-1016-1	6.252	5.192	39429	34157	21.707	22.751m
4) L1	AR-1016-2	6.276	5.211	58499	54241	20.890	22.730m
5) L1	AR-1016-3	6.342	5.402	35212	25367	21.117	21.008
6) L1	AR-1016-4	6.448	5.453	30023	23008	22.747	21.923
7) L1	AR-1016-5	6.764	5.680	23064	32127	17.516	25.264 #
31) L7	AR-1260-1	7.942	6.773	50455	58566	23.720	25.806
32) L7	AR-1260-2	8.208	6.970	61287	76640	25.279	27.694
33) L7	AR-1260-3	8.574	7.123	44094	62047	24.255	23.983
34) L7	AR-1260-4	8.804	7.605	57663	45632	26.526	21.611
35) L7	AR-1260-5	9.130	7.853	91433	131953	24.015	26.299

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

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Data File : PO076053.D
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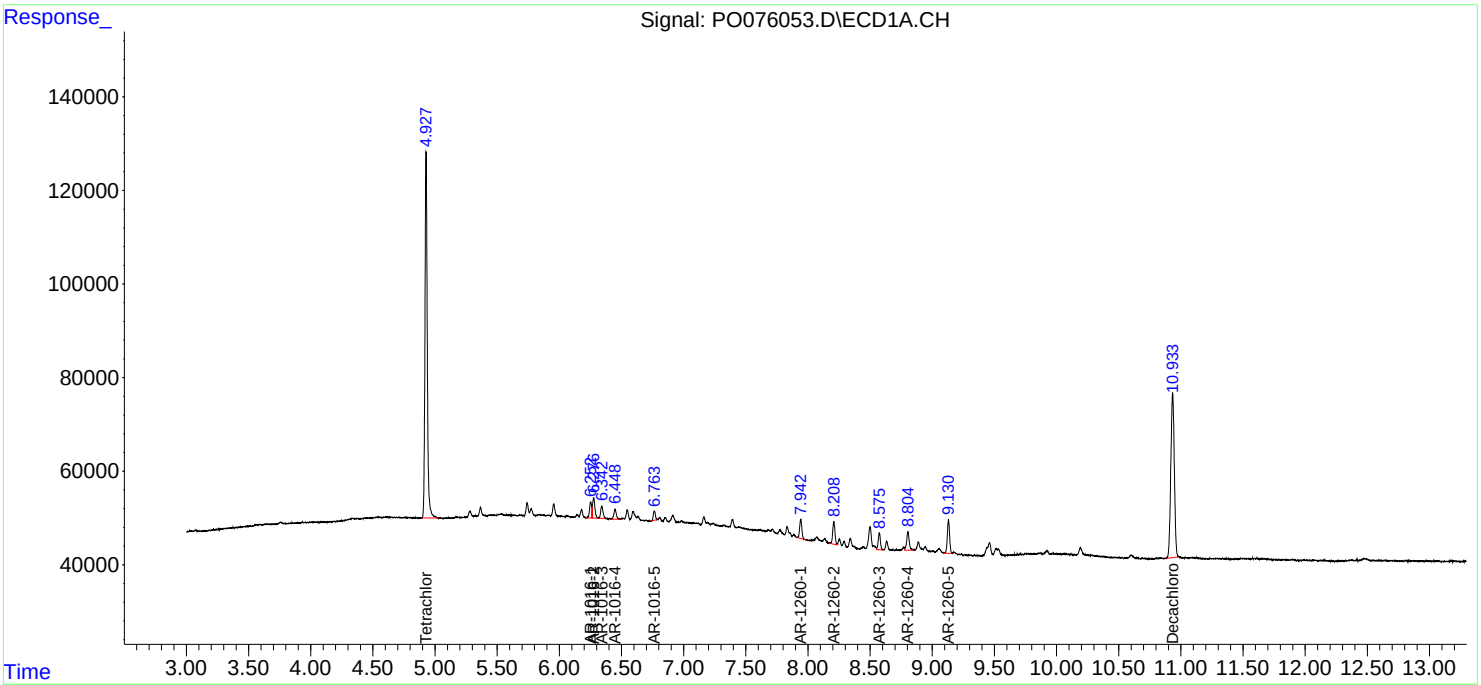

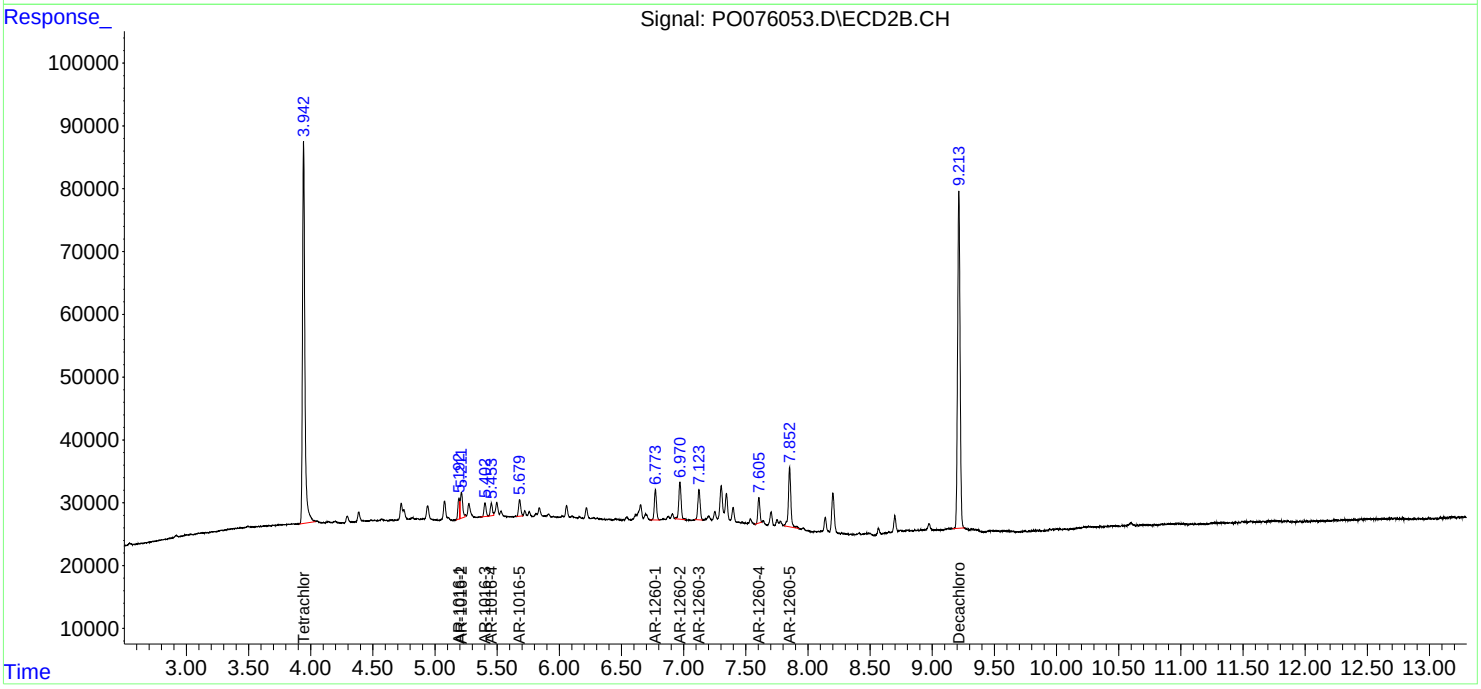

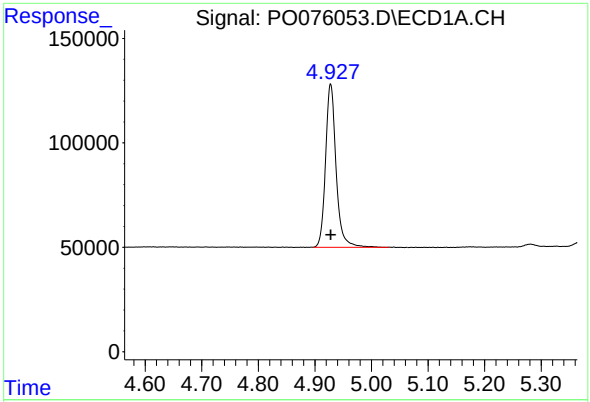

#1 Tetrachloro-m-xylene

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 1011244
Conc: 16.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

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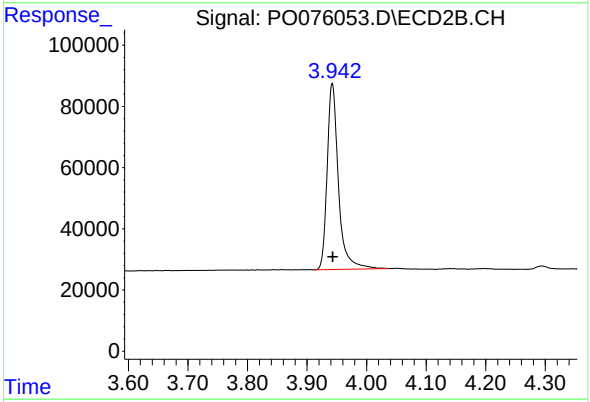
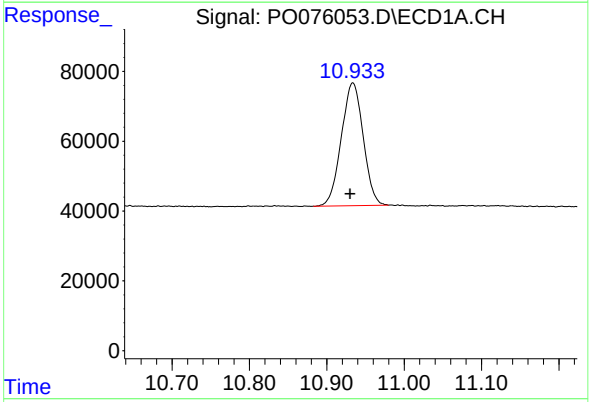


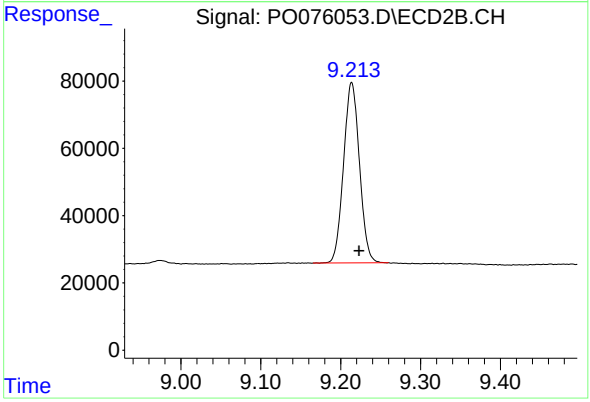
#1 Tetrachloro-m-xylene

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 800954
Conc: 17.96 ng/ml



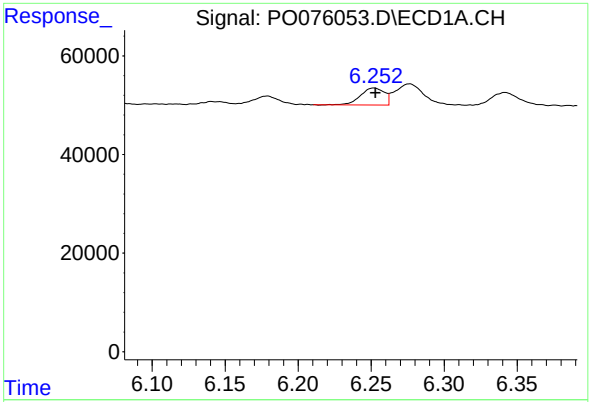
#2 Decachlorobiphenyl

R.T.: 10.934 min
Delta R.T.: 0.004 min
Response: 690884
Conc: 21.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.214 min
Delta R.T.: -0.009 min
Response: 742522
Conc: 20.42 ng/ml



#3 AR-1016-1

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 39429
Conc: 21.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
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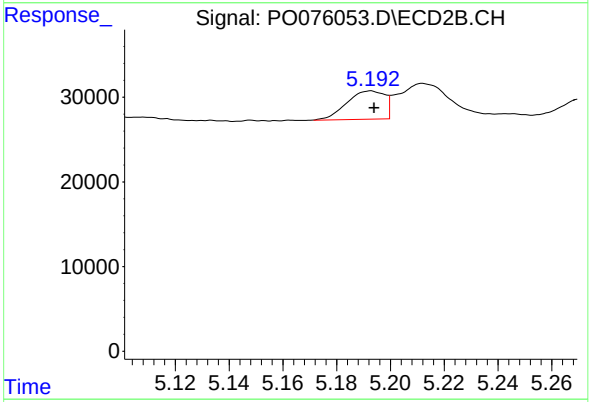
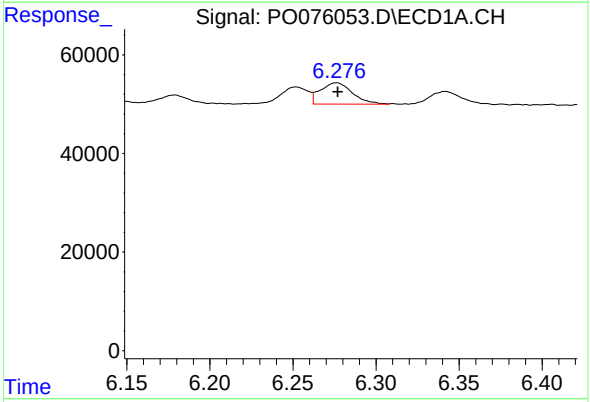


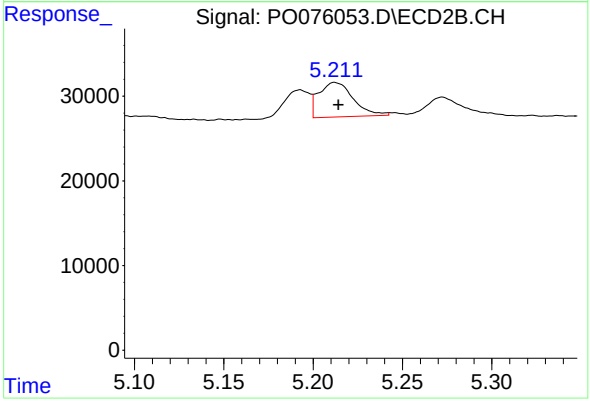
#3 AR-1016-1

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 34157
Conc: 22.75 ng/ml m



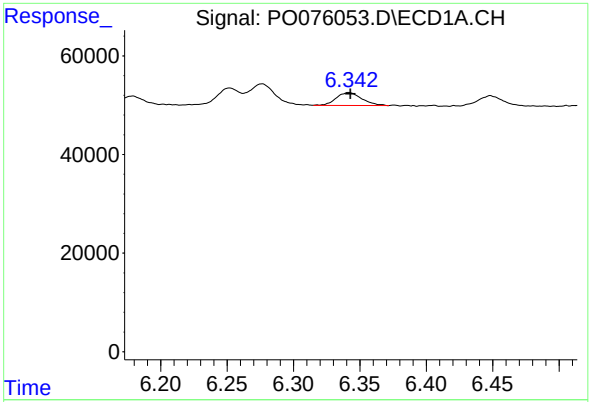
#4 AR-1016-2

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 58499
Conc: 20.89 ng/ml



#4 AR-1016-2

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 54241
Conc: 22.73 ng/ml m



#5 AR-1016-3

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 35212
Conc: 21.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
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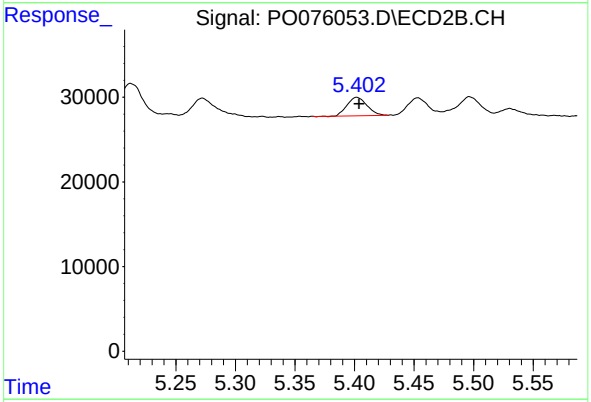
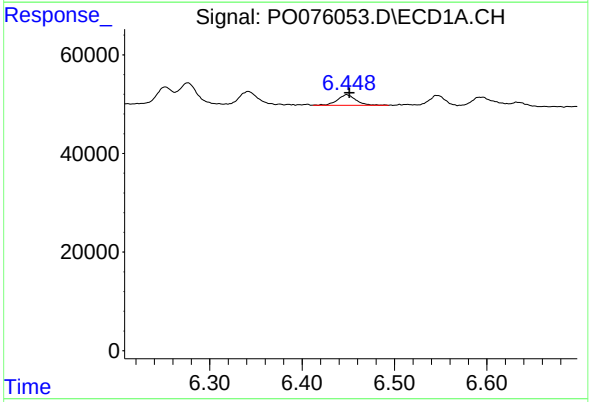


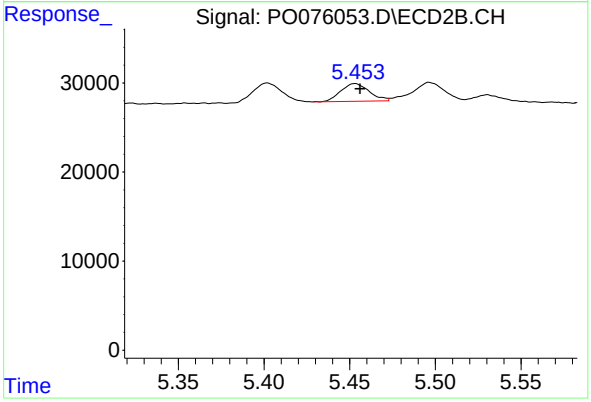
#5 AR-1016-3

R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 25367
Conc: 21.01 ng/ml



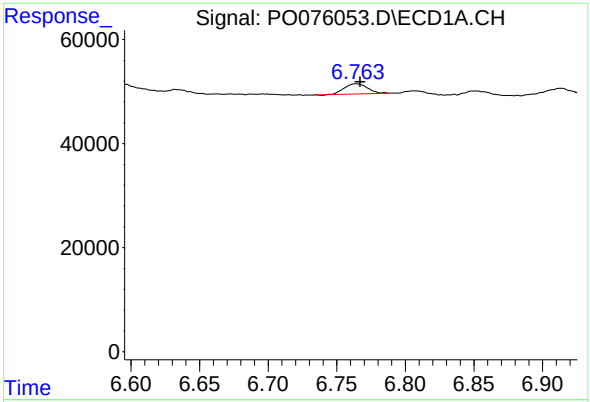
#6 AR-1016-4

R.T.: 6.448 min
Delta R.T.: -0.003 min
Response: 30023
Conc: 22.75 ng/ml



#6 AR-1016-4

R.T.: 5.453 min
Delta R.T.: -0.003 min
Response: 23008
Conc: 21.92 ng/ml



#7 AR-1016-5

R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 23064
Conc: 17.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

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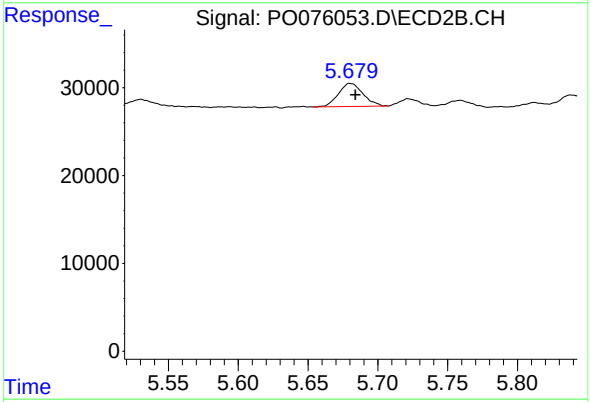
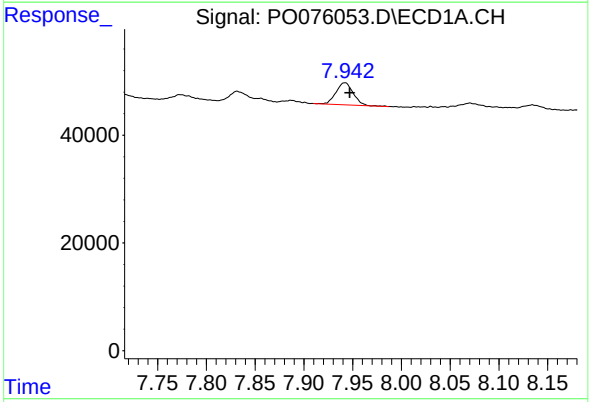


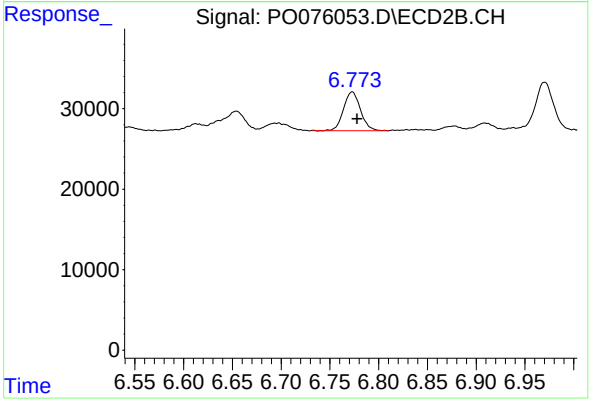
#7 AR-1016-5

R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 32127
Conc: 25.26 ng/ml



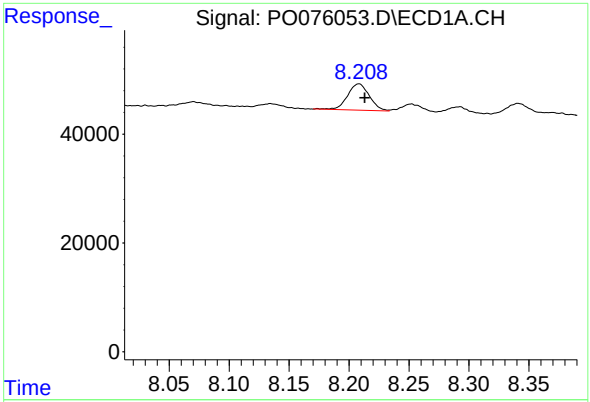
#31 AR-1260-1

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 50455
Conc: 23.72 ng/ml



#31 AR-1260-1

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 58566
Conc: 25.81 ng/ml



#32 AR-1260-2

R.T.: 8.208 min
Delta R.T.: -0.005 min
Response: 61287
Conc: 25.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

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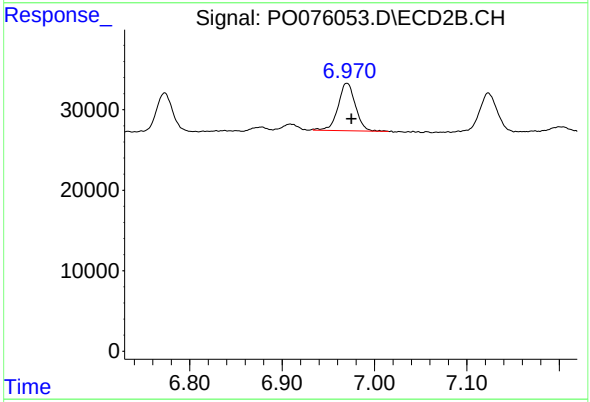
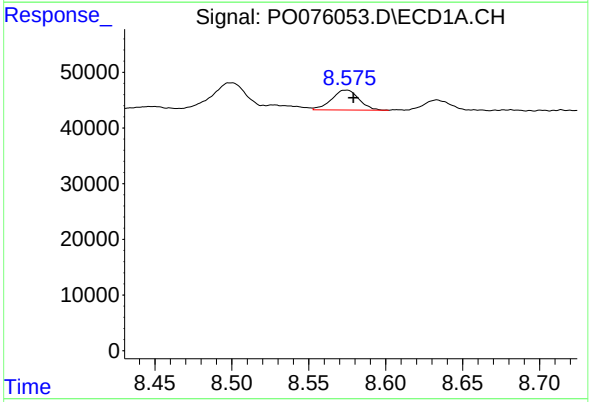


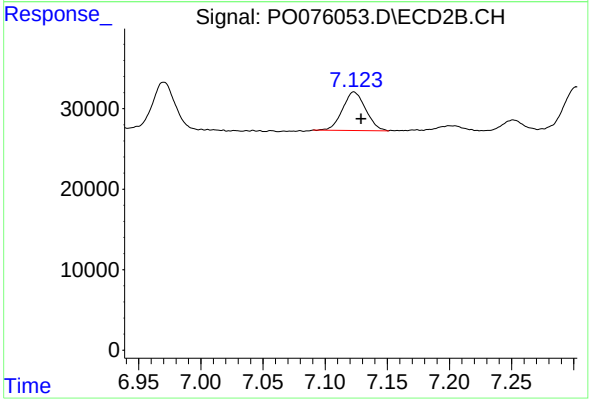
#32 AR-1260-2

R.T.: 6.970 min
Delta R.T.: -0.005 min
Response: 76640
Conc: 27.69 ng/ml



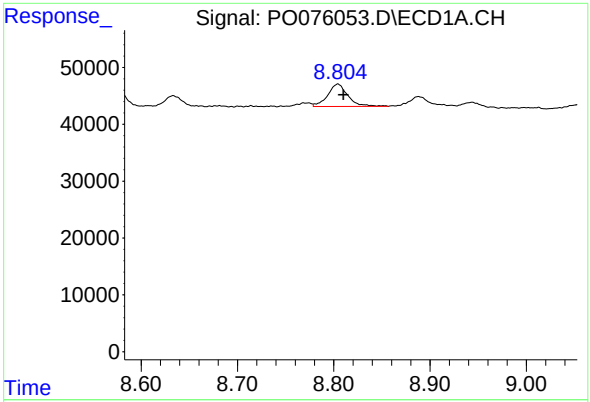
#33 AR-1260-3

R.T.: 8.574 min
Delta R.T.: -0.005 min
Response: 44094
Conc: 24.26 ng/ml



#33 AR-1260-3

R.T.: 7.123 min
Delta R.T.: -0.006 min
Response: 62047
Conc: 23.98 ng/ml



#34 AR-1260-4

R.T.: 8.804 min
Delta R.T.: -0.006 min
Response: 57663
Conc: 26.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

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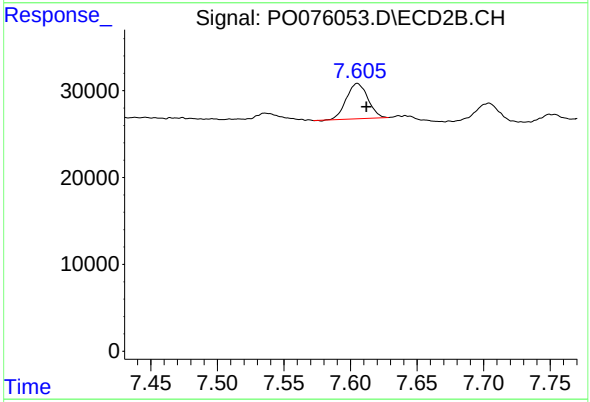
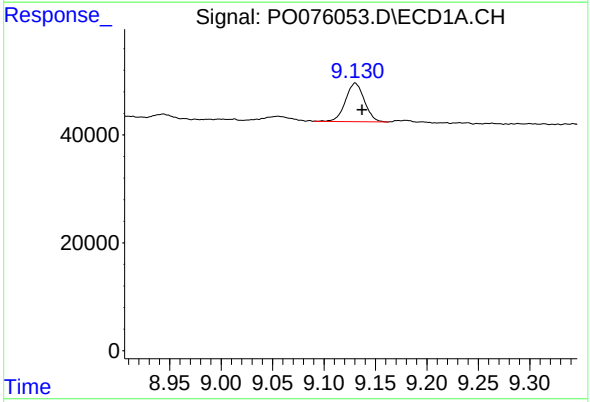


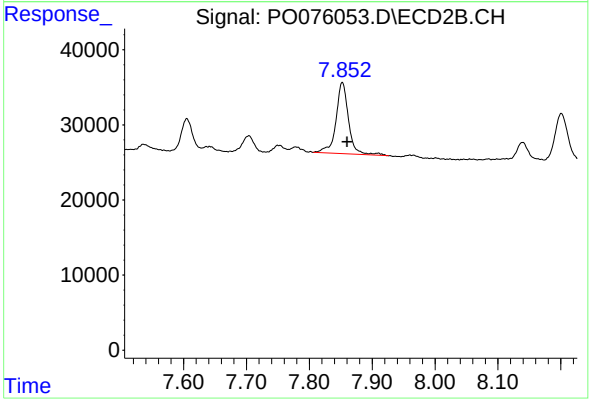
#34 AR-1260-4

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 45632
Conc: 21.61 ng/ml



#35 AR-1260-5

R.T.: 9.130 min
Delta R.T.: -0.007 min
Response: 91433
Conc: 24.02 ng/ml



#35 AR-1260-5

R.T.: 7.853 min
Delta R.T.: -0.008 min
Response: 131953
Conc: 26.30 ng/ml