Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO032421\
Data File : PO076513.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Mar 2021 8:36
Operator : DD\AJ
Sample : M1458-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 49 Sample Multiplier: 1

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

Manual Integrations APPROVED
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 14:19:23 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032421.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 24 05:38:14 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...	4.914	3.928	1553845	930179	17.742	16.957
2)	SA Decachlor...	10.887	9.185	1203826	855081	18.493	18.146
	Target Compounds						
3)	L1 AR-1016-1	6.236	5.176	124240	54929	45.972	33.350m#
4)	L1 AR-1016-2	6.261	5.197	173662	113351	42.244	39.060
5)	L1 AR-1016-3	6.325	5.385	112291	45547	46.539	34.112m#
6)	L1 AR-1016-4	6.433	5.437	78923	41049	40.720	36.569
7)	L1 AR-1016-5	6.746	5.663	80435	54121	41.297	39.304
31)	L7 AR-1260-1	7.921	6.752	157621	115241	45.868	44.966
32)	L7 AR-1260-2	8.186	6.950	182298	137555	44.961	44.354
33)	L7 AR-1260-3	8.551	7.103	129608	138039	42.900	46.988
34)	L7 AR-1260-4	8.781	7.584	146006	101876	41.898	42.745
35)	L7 AR-1260-5	9.104	7.831	284604	234778	42.115	41.383

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

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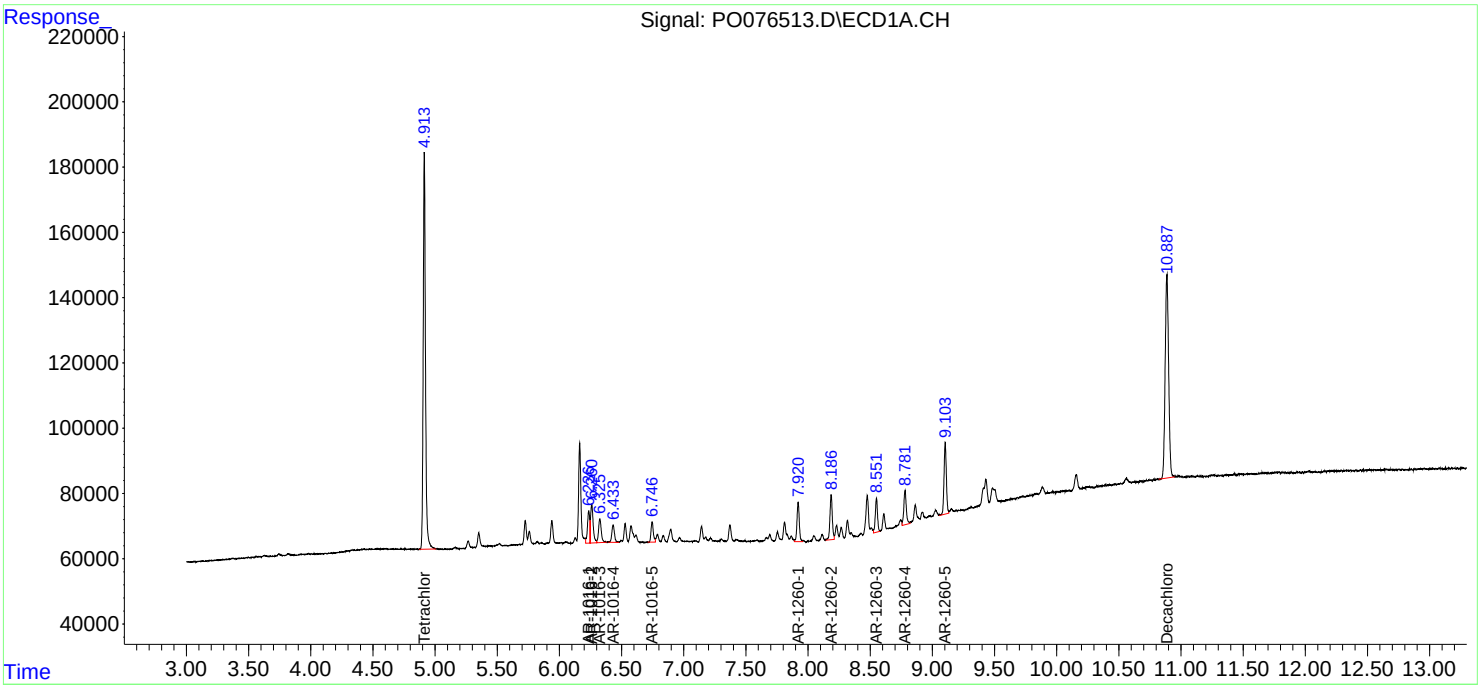

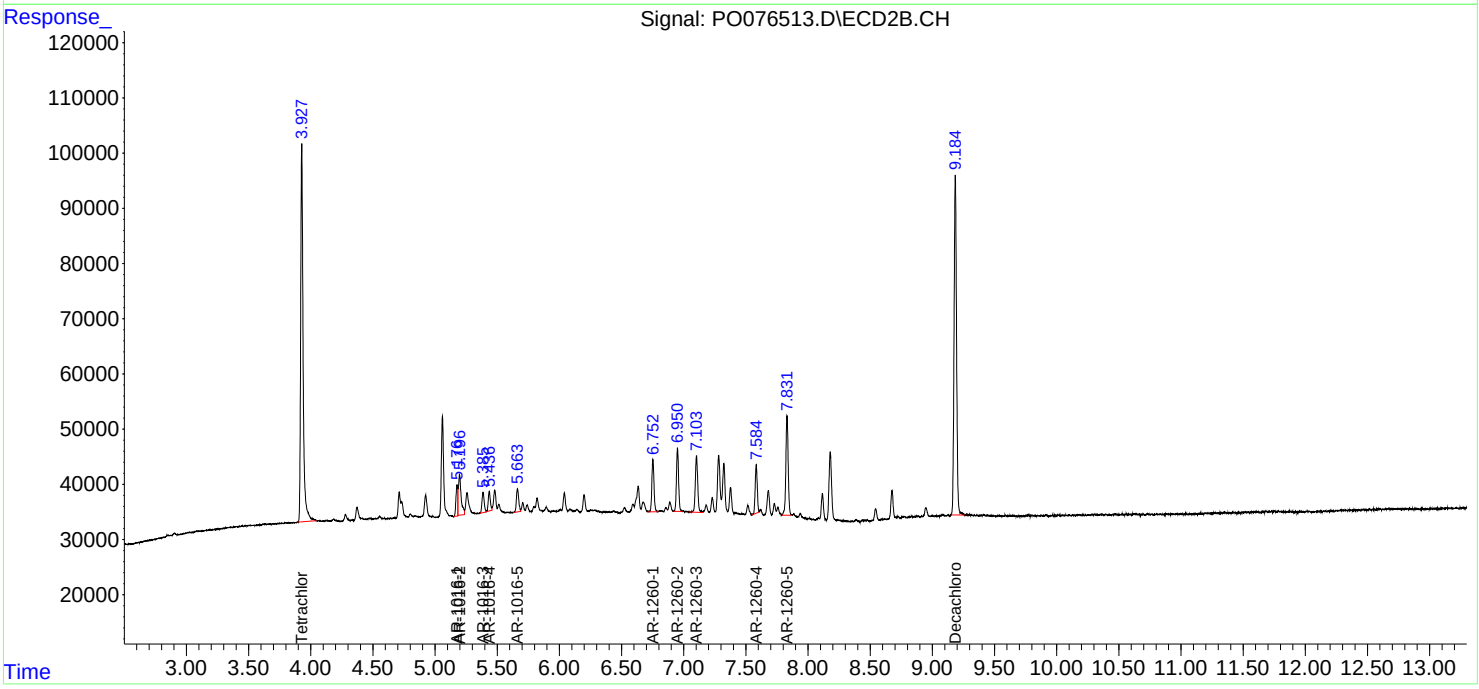

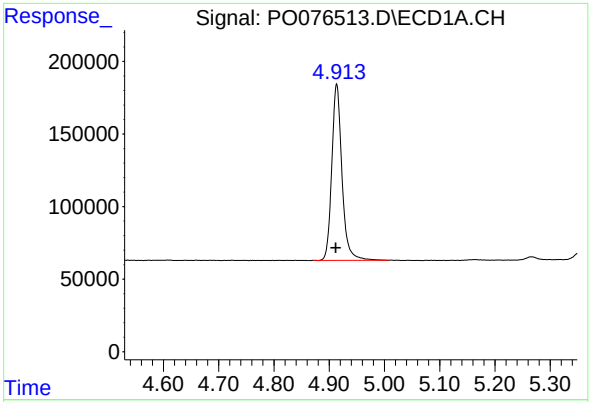

#1 Tetrachloro-m-xylene

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 1553845
Conc: 17.74 ng/ml

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

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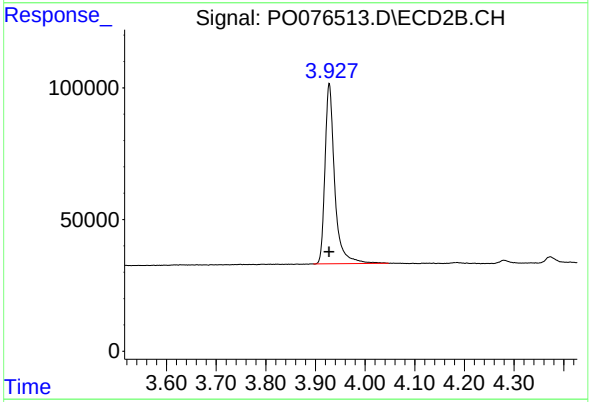
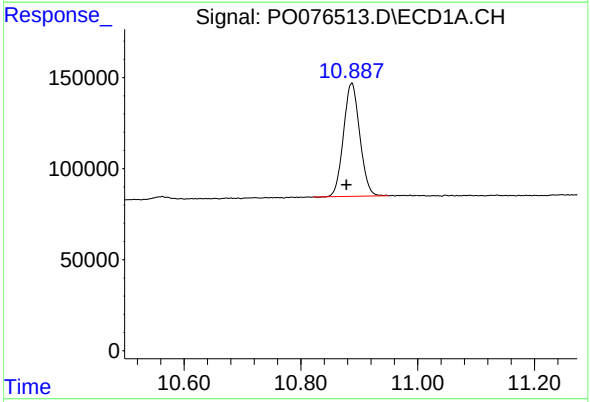


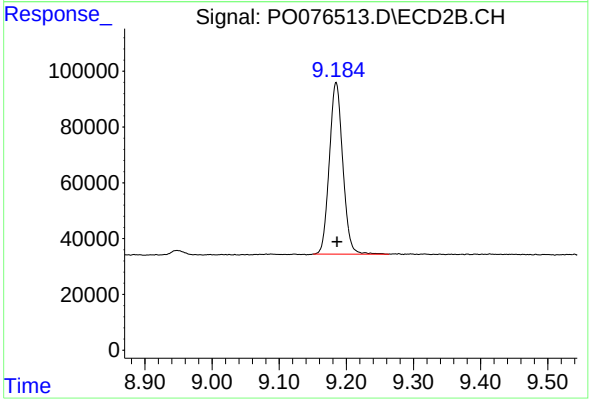
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 930179
Conc: 16.96 ng/ml



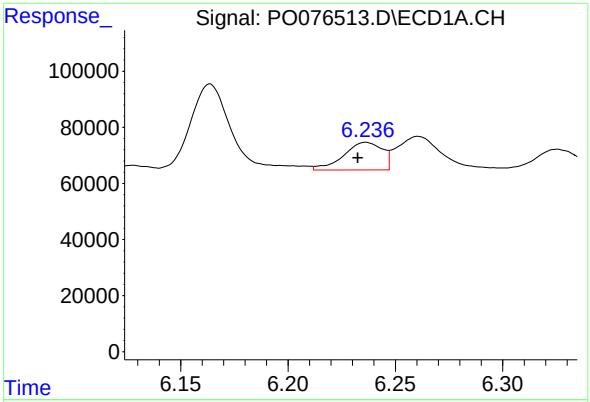
#2 Decachlorobiphenyl

R.T.: 10.887 min
Delta R.T.: 0.009 min
Response: 1203826
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.185 min
Delta R.T.: -0.001 min
Response: 855081
Conc: 18.15 ng/ml



#3 AR-1016-1

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 124240
Conc: 45.97 ng/ml

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

Manual Integrations APPROVED
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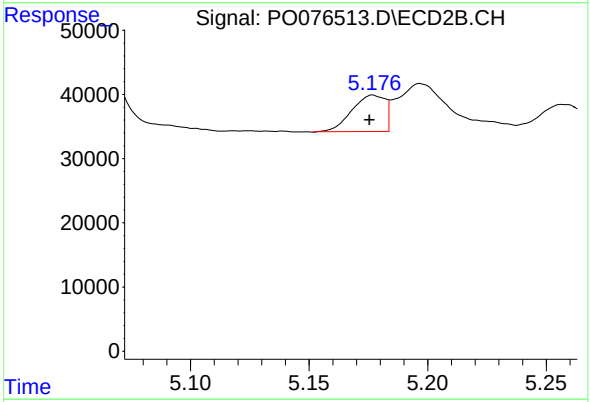
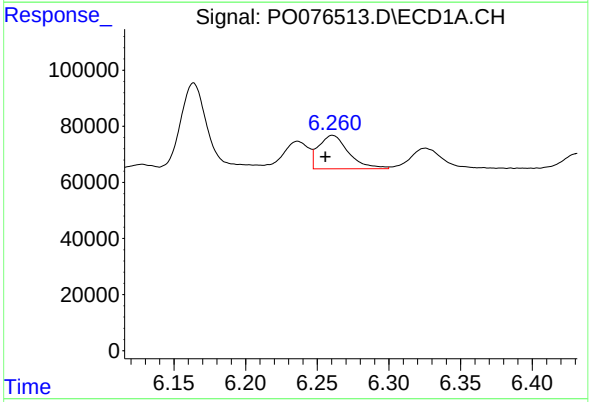


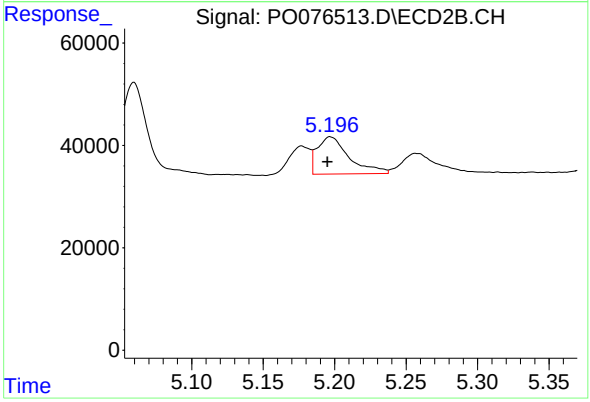
#3 AR-1016-1

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 54929
Conc: 33.35 ng/ml m



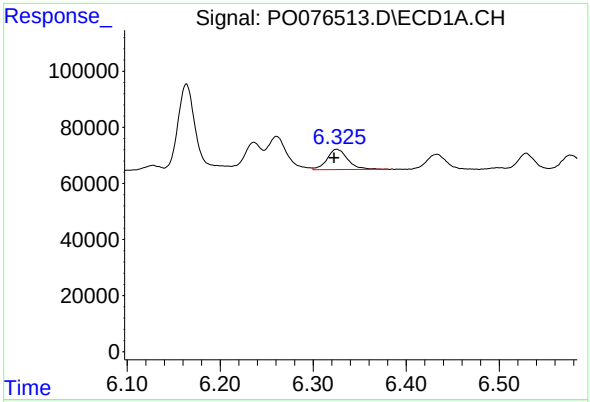
#4 AR-1016-2

R.T.: 6.261 min
Delta R.T.: 0.005 min
Response: 173662
Conc: 42.24 ng/ml



#4 AR-1016-2

R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 113351
Conc: 39.06 ng/ml



#5 AR-1016-3

R.T.: 6.325 min
Delta R.T.: 0.003 min
Response: 112291
Conc: 46.54 ng/ml

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

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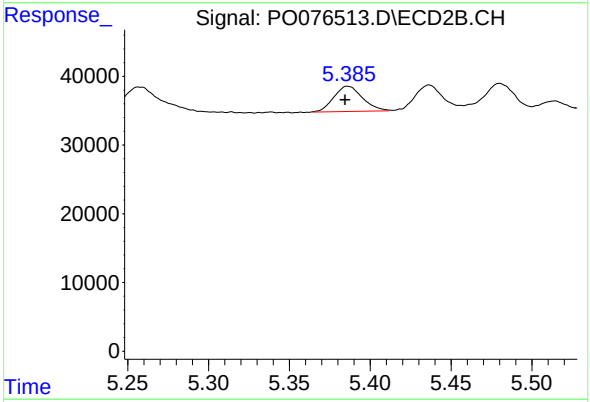
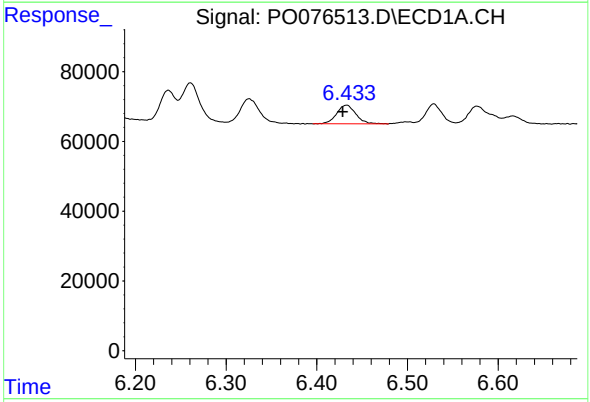


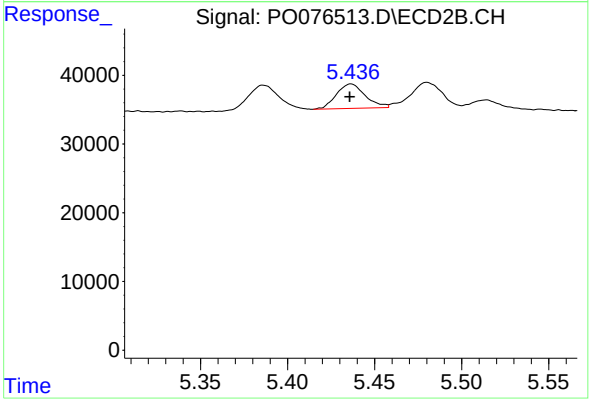
#5 AR-1016-3

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 45547
Conc: 34.11 ng/ml m



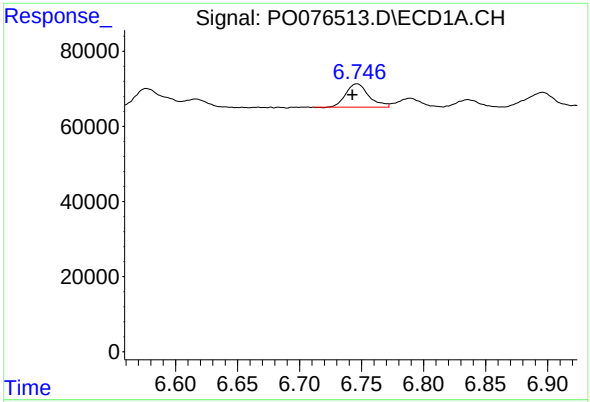
#6 AR-1016-4

R.T.: 6.433 min
Delta R.T.: 0.004 min
Response: 78923
Conc: 40.72 ng/ml



#6 AR-1016-4

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 41049
Conc: 36.57 ng/ml



#7 AR-1016-5

R.T.: 6.746 min
Delta R.T.: 0.004 min
Response: 80435
Conc: 41.30 ng/ml

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

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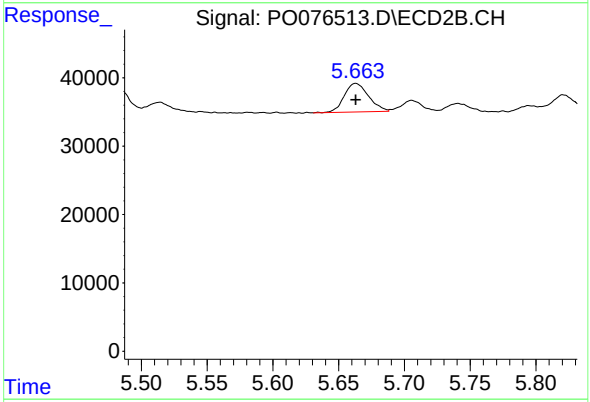
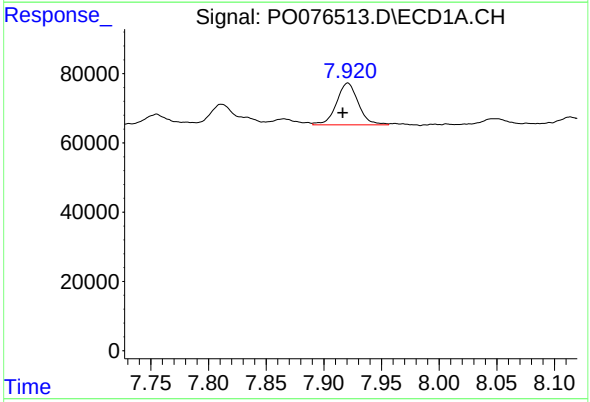


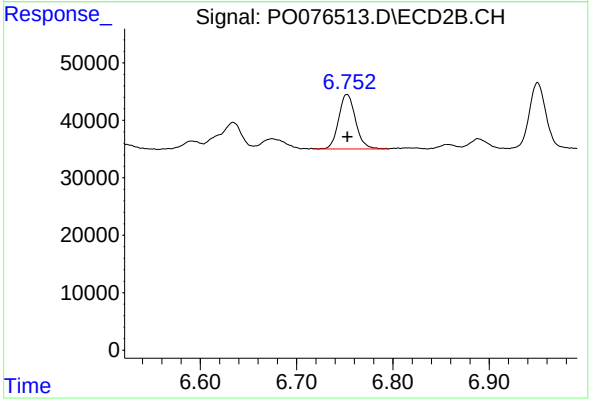
#7 AR-1016-5

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 54121
Conc: 39.30 ng/ml



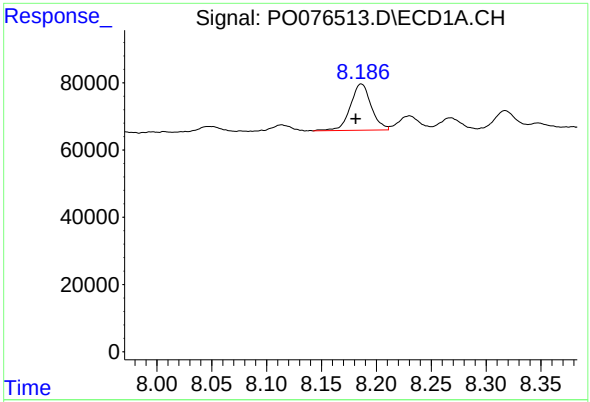
#31 AR-1260-1

R.T.: 7.921 min
Delta R.T.: 0.004 min
Response: 157621
Conc: 45.87 ng/ml



#31 AR-1260-1

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 115241
Conc: 44.97 ng/ml



#32 AR-1260-2

R.T.: 8.186 min
Delta R.T.: 0.005 min
Response: 182298
Conc: 44.96 ng/ml

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

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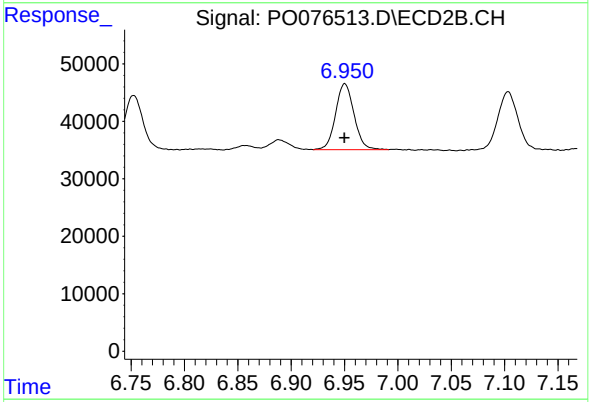
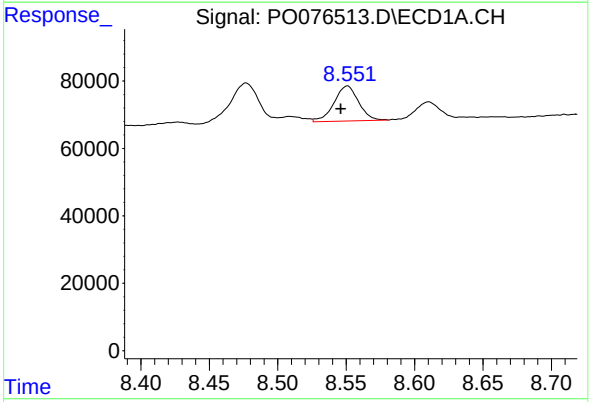


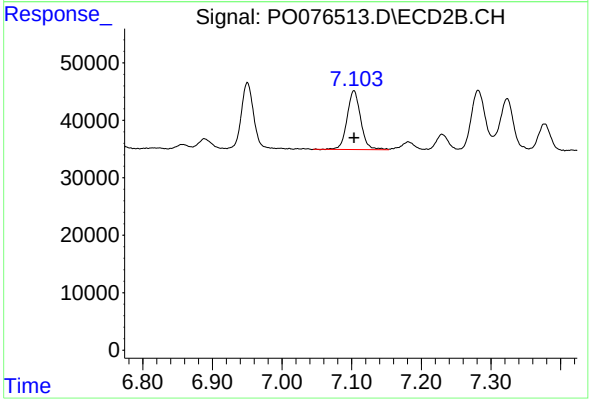
#32 AR-1260-2

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 137555
Conc: 44.35 ng/ml



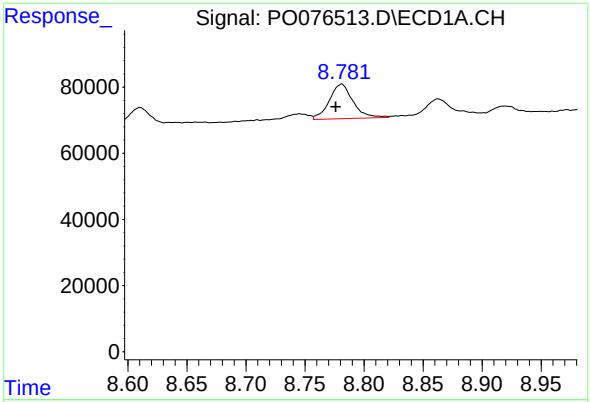
#33 AR-1260-3

R.T.: 8.551 min
Delta R.T.: 0.005 min
Response: 129608
Conc: 42.90 ng/ml



#33 AR-1260-3

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 138039
Conc: 46.99 ng/ml



#34 AR-1260-4

R.T.: 8.781 min
Delta R.T.: 0.005 min
Response: 146006
Conc: 41.90 ng/ml

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ECD_O
ClientSampleId :
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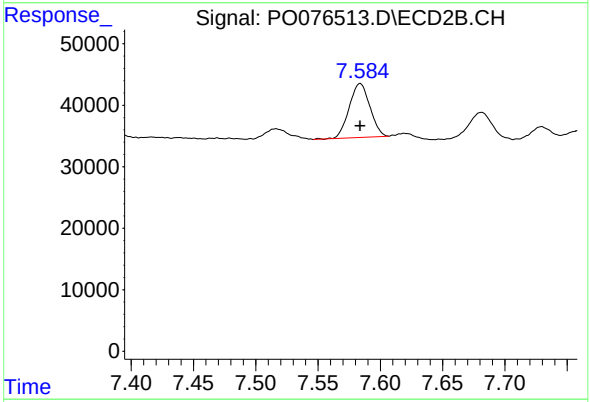
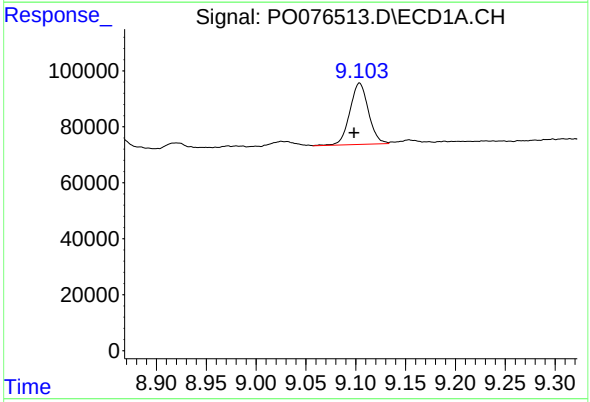


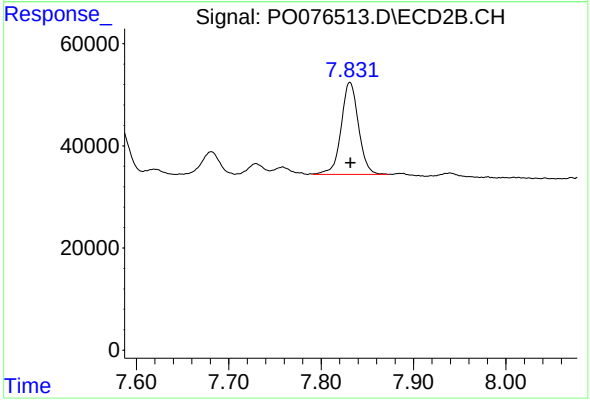
#34 AR-1260-4

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 101876
Conc: 42.75 ng/ml



#35 AR-1260-5

R.T.: 9.104 min
Delta R.T.: 0.006 min
Response: 284604
Conc: 42.11 ng/ml



#35 AR-1260-5

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 234778
Conc: 41.38 ng/ml