

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072321\
 Data File : P0079814.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2021 21:31
 Operator : DD\AJ
 Sample : M2940-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 02:35:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 23 05:30:42 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

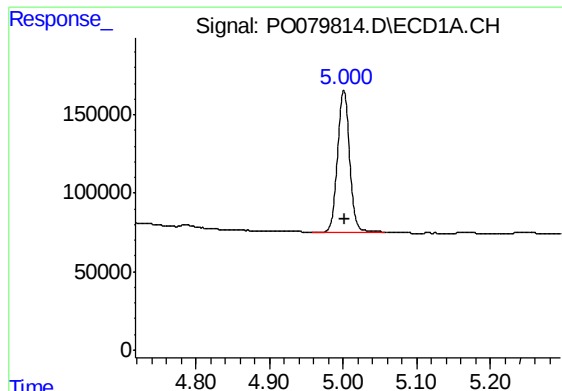
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	5.001	4.121	1027856	418053	18.176	18.804
2) SA Decachlor...	11.109	9.532	822970	401863	20.825	23.430
Target Compounds						
3) L1 AR-1016-1	6.331	5.400	47735	24300	23.854	27.045
4) L1 AR-1016-2	6.355	5.421	72667	35638	26.128	29.818
5) L1 AR-1016-3	6.421	0.000	51549	0	29.885	N.D. #
6) L1 AR-1016-4	6.529	0.000	38842	0	27.753	N.D. #
7) L1 AR-1016-5	6.846	0.000	30294	0	22.129	N.D. #
9) L2 AR-1221-2	5.355	0.000	7496	0	16.807	N.D. #
10) L2 AR-1221-3	5.440	0.000	28187	0	19.323	N.D. #
11) L3 AR-1232-1	5.440	0.000	28187	0	21.479	N.D. #
12) L3 AR-1232-2	6.034	5.421	42082	35638	56.922	66.692
13) L3 AR-1232-3	6.355	0.000	72667	0	60.492	N.D. #
14) L3 AR-1232-4	6.529	0.000	38842	0	64.305	N.D. #
15) L3 AR-1232-5	6.628	0.000	32600	0	79.630	N.D. #
16) L4 AR-1242-1	6.331	5.400	47735	24300	31.301	35.970
17) L4 AR-1242-2	6.355	5.421	72667	35638	34.376	39.684
18) L4 AR-1242-3	6.421	0.000	51549	0	39.644	N.D. #
19) L4 AR-1242-4	6.529	0.000	38842	0	36.867	N.D. #
21) L5 AR-1248-1	6.331	5.400	47735	24300	40.606	46.752
22) L5 AR-1248-2	6.628	0.000	32600	0	20.042	N.D. #
23) L5 AR-1248-3	6.846	0.000	30294	0	16.431	N.D. #
26) L6 AR-1254-1	7.245	0.000	12774	0	6.393	N.D. #
27) L6 AR-1254-2	7.475	0.000	28236	0	9.223	N.D. #
28) L6 AR-1254-3	0.000	6.892f	0	29460	N.D.	16.209 #
30) L6 AR-1254-5	8.585	7.550	62893	46456	25.944	30.538
31) L7 AR-1260-1	8.026	7.012	76346	36484	34.207	30.869
32) L7 AR-1260-2	8.293	7.210	83461	49388	31.152	34.867
33) L7 AR-1260-3	8.661	7.369	43765	46825	21.302	35.643 #
34) L7 AR-1260-4	8.893	7.859	60853	30573	23.757	28.531
35) L7 AR-1260-5	9.227	8.107	129491	72665	26.699	29.644
36) L8 AR-1262-1	8.661	7.550	43765	46456	15.135	52.645 #
37) L8 AR-1262-2	9.227	8.107	129491	72665	24.165	26.339
38) L8 AR-1262-3	9.569f	0.000	83447	0	22.945	N.D. #
39) L8 AR-1262-4	9.621f	8.462	59990	53808	21.217	26.605 #
40) L8 AR-1262-5	10.332	0.000	25481	0	13.575	N.D. #
41) L9 AR-1268-1	9.569f	0.000	83447	0	13.611	N.D. #
42) L9 AR-1268-2	9.621f	8.462	59990	53808	10.429	19.327 #
44) L9 AR-1268-4	10.332	0.000	25481	0	12.045	N.D. #

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

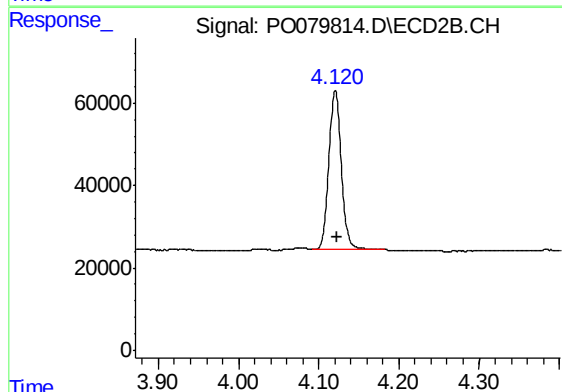
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072321\
Data File : P0079814.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jul 2021 21:31
Operator : DD\AJ
Sample : M2940-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 26 Sample Multiplier: 1



#1 Tetrachloro-m-xylene

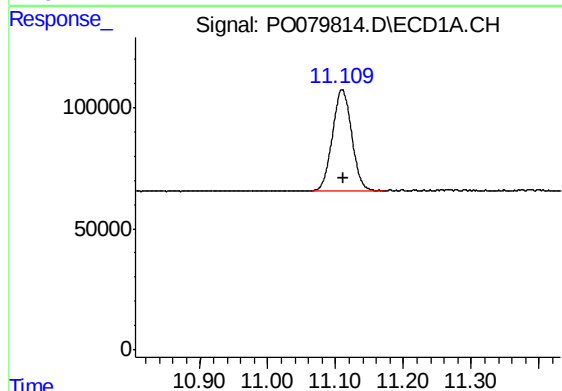
R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 1027856
Conc: 18.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



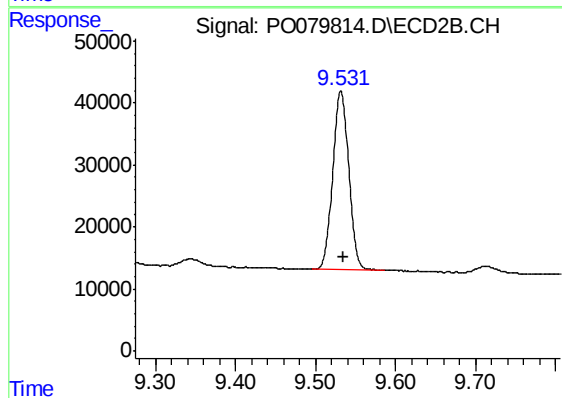
#1 Tetrachloro-m-xylene

R.T.: 4.121 min
Delta R.T.: -0.001 min
Response: 418053
Conc: 18.80 ng/ml



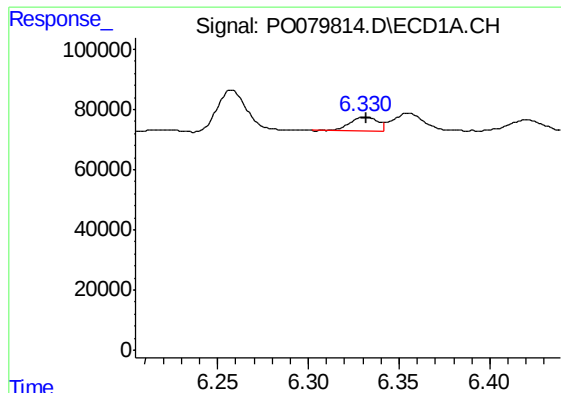
#2 Decachlorobiphenyl

R.T.: 11.109 min
Delta R.T.: -0.003 min
Response: 822970
Conc: 20.82 ng/ml



#2 Decachlorobiphenyl

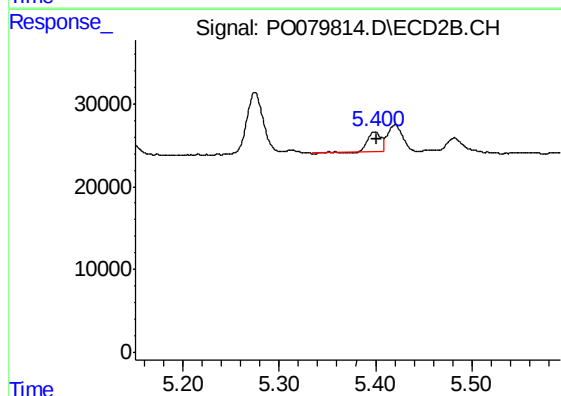
R.T.: 9.532 min
Delta R.T.: -0.004 min
Response: 401863
Conc: 23.43 ng/ml



#3 AR-1016-1

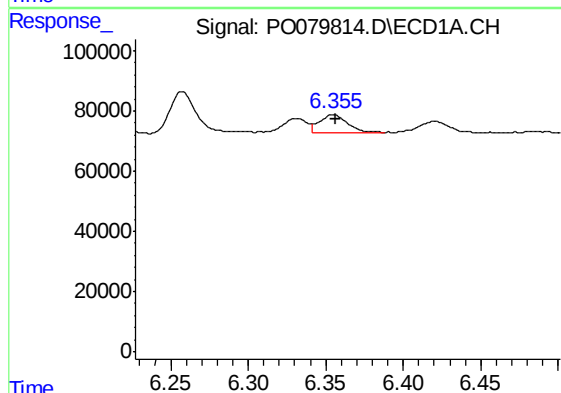
R.T.: 6.331 min
Delta R.T.: -0.001 min
Response: 47735
Conc: 23.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



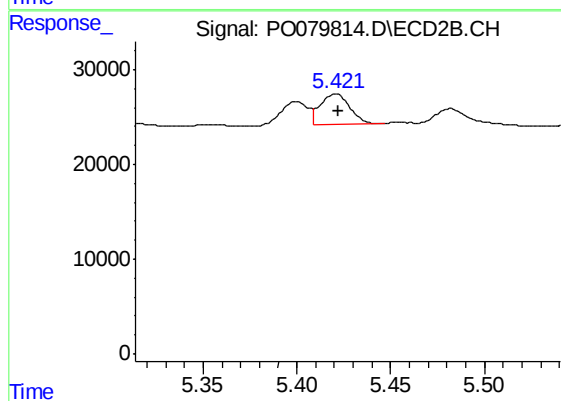
#3 AR-1016-1

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 24300
Conc: 27.04 ng/ml



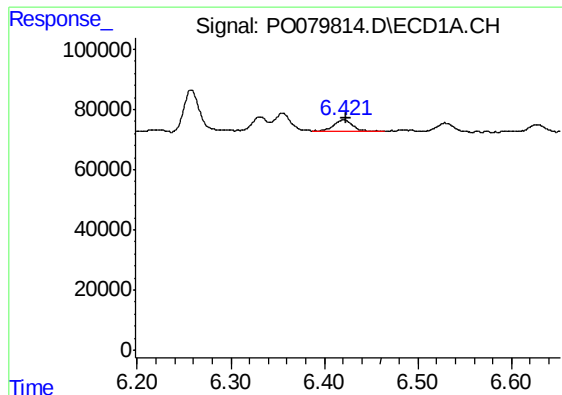
#4 AR-1016-2

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 72667
Conc: 26.13 ng/ml



#4 AR-1016-2

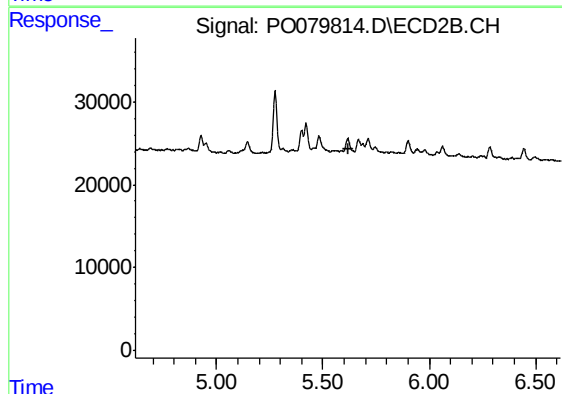
R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 35638
Conc: 29.82 ng/ml



#5 AR-1016-3

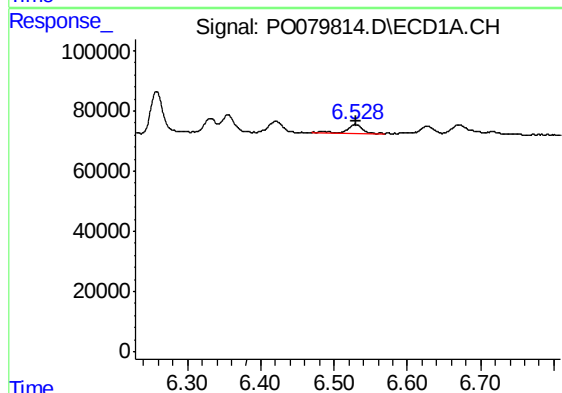
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 51549
Conc: 29.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



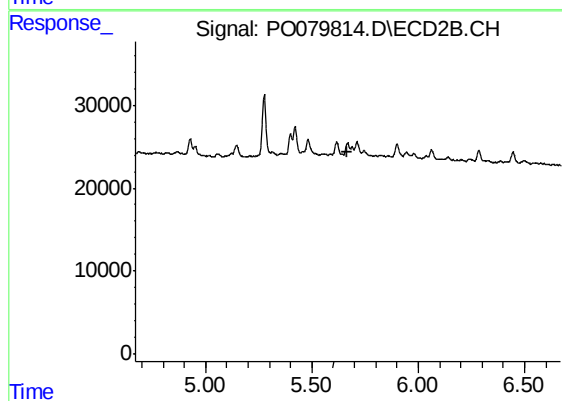
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



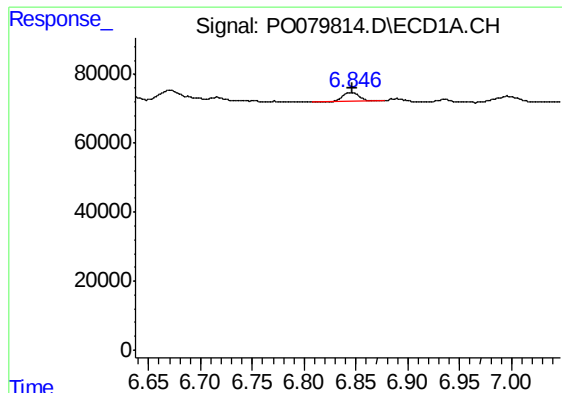
#6 AR-1016-4

R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 38842
Conc: 27.75 ng/ml



#6 AR-1016-4

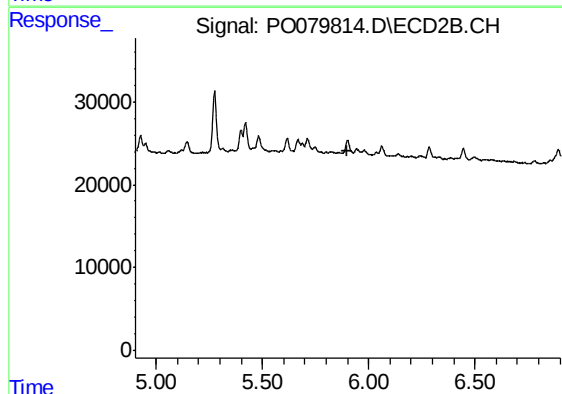
R.T.: 0.000 min
Exp R.T. : 5.669 min
Response: 0
Conc: N.D.



#7 AR-1016-5

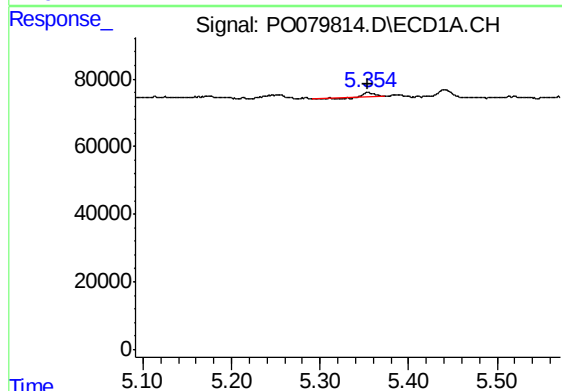
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 30294
Conc: 22.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



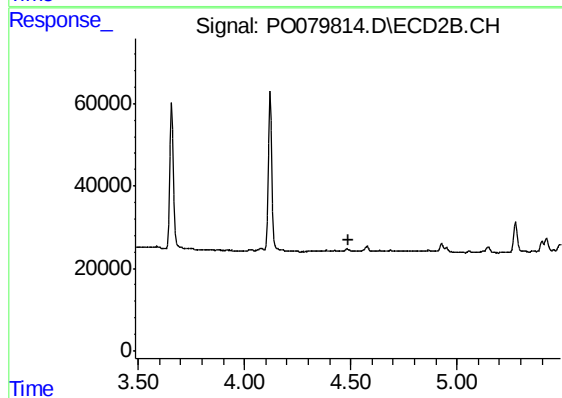
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



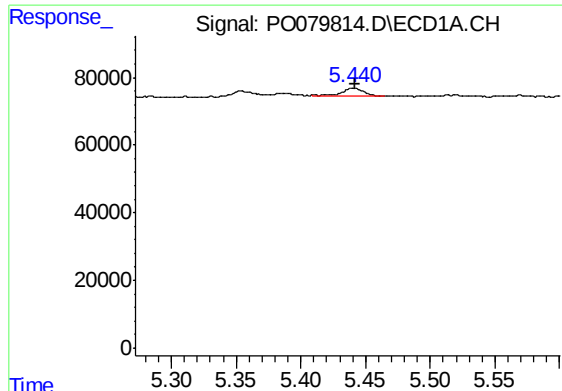
#9 AR-1221-2

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 7496
Conc: 16.81 ng/ml



#9 AR-1221-2

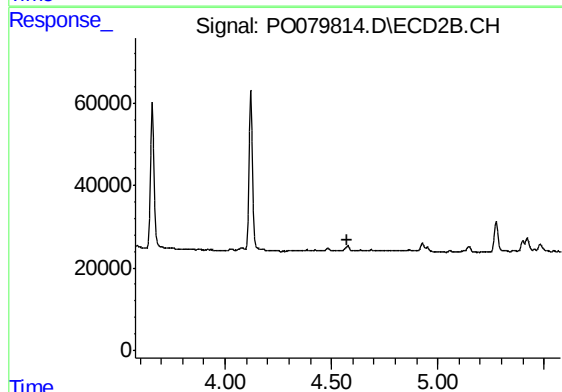
R.T.: 0.000 min
Exp R.T. : 4.487 min
Response: 0
Conc: N.D.



#10 AR-1221-3

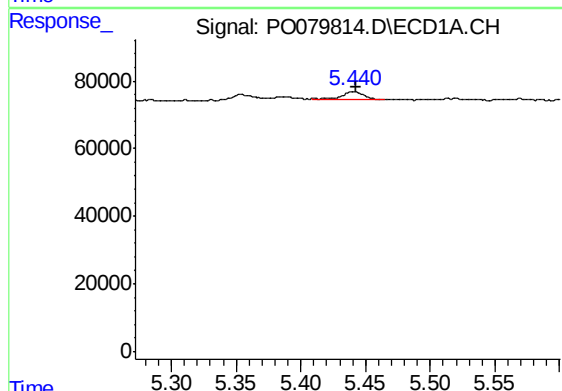
R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 28187
Conc: 19.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



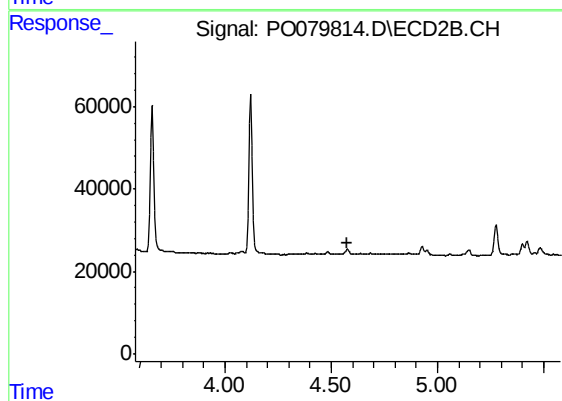
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.577 min
Response: 0
Conc: N.D.



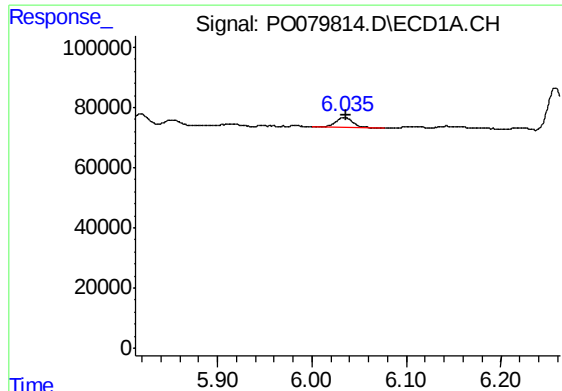
#11 AR-1232-1

R.T.: 5.440 min
Delta R.T.: -0.002 min
Response: 28187
Conc: 21.48 ng/ml



#11 AR-1232-1

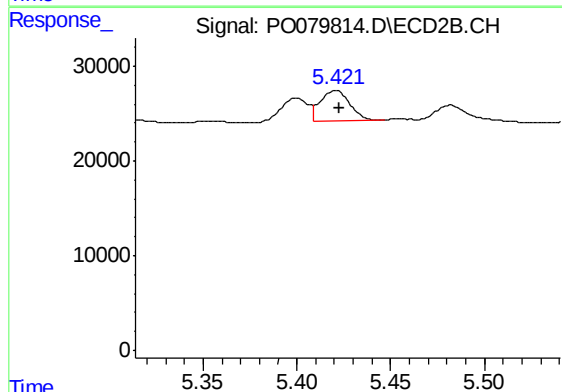
R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



#12 AR-1232-2

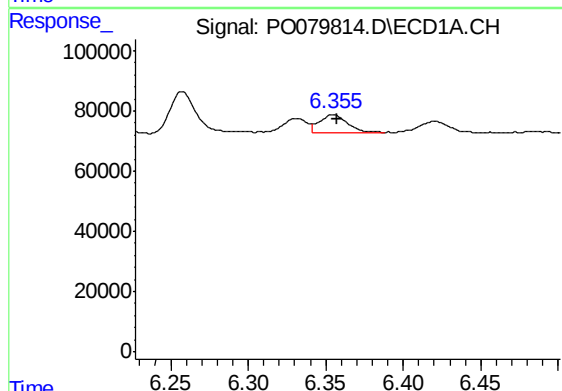
R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 42082
Conc: 56.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



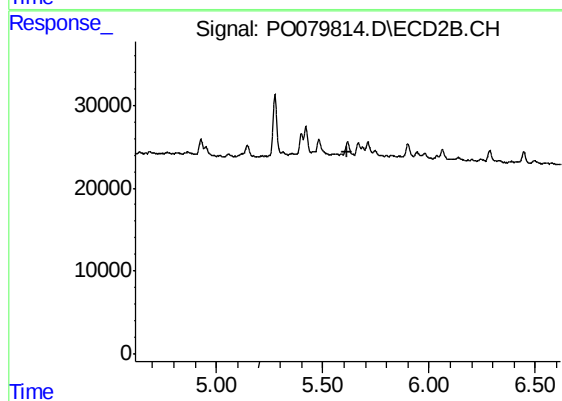
#12 AR-1232-2

R.T.: 5.421 min
Delta R.T.: -0.002 min
Response: 35638
Conc: 66.69 ng/ml



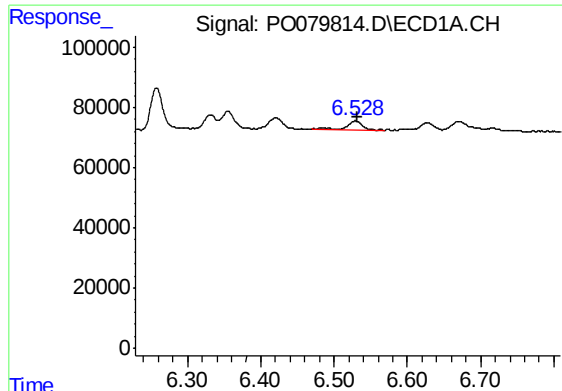
#13 AR-1232-3

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 72667
Conc: 60.49 ng/ml



#13 AR-1232-3

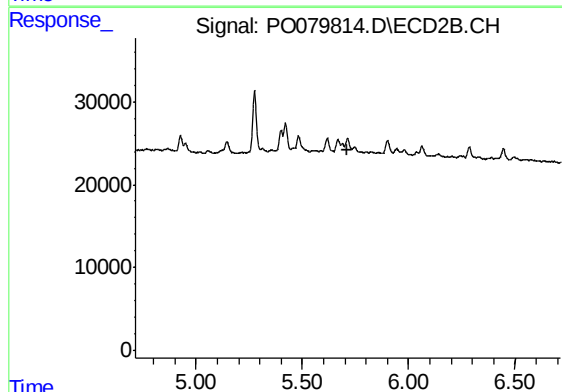
R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



#14 AR-1232-4

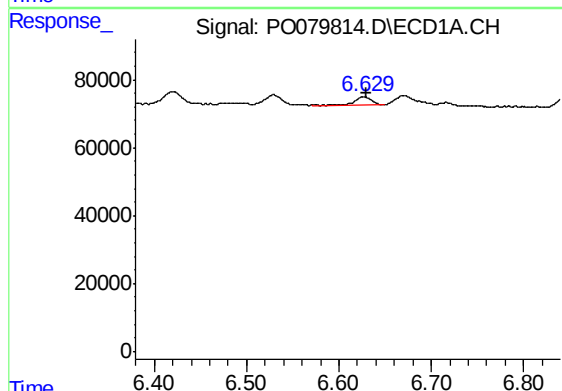
R.T.: 6.529 min
Delta R.T.: -0.002 min
Response: 38842
Conc: 64.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



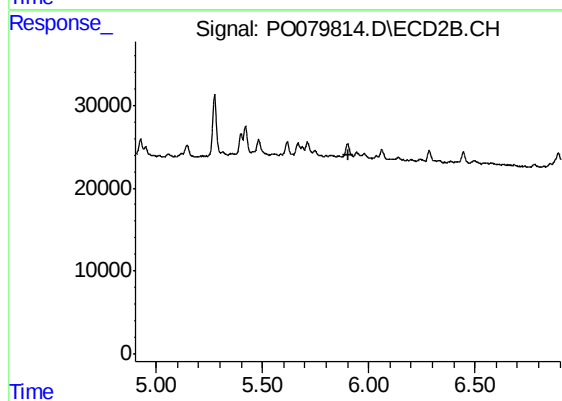
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



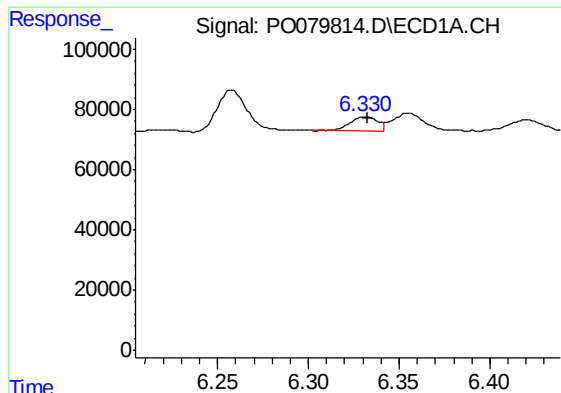
#15 AR-1232-5

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 32600
Conc: 79.63 ng/ml



#15 AR-1232-5

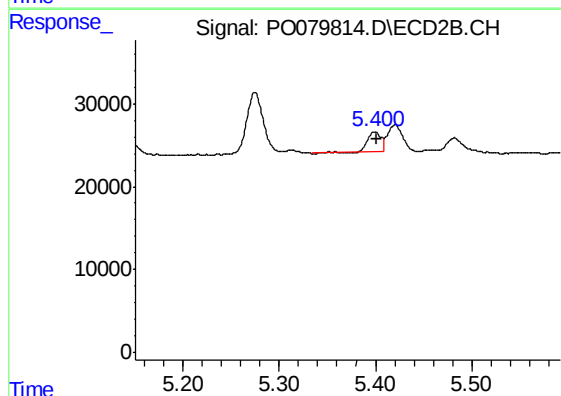
R.T.: 0.000 min
Exp R.T. : 5.903 min
Response: 0
Conc: N.D.



#16 AR-1242-1

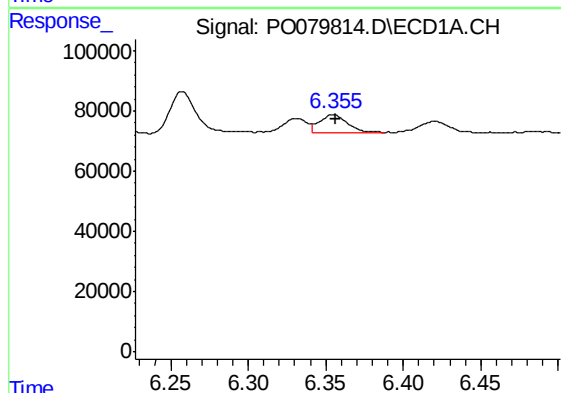
R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 47735
Conc: 31.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



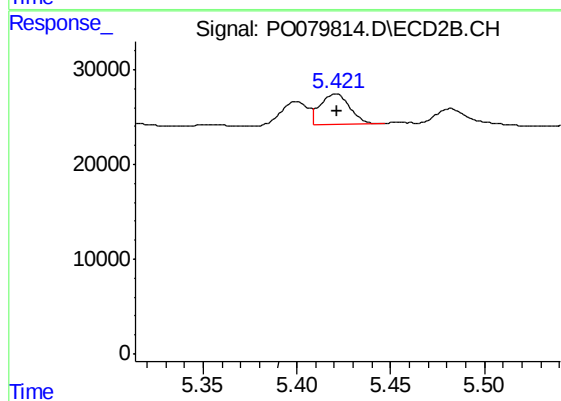
#16 AR-1242-1

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 24300
Conc: 35.97 ng/ml



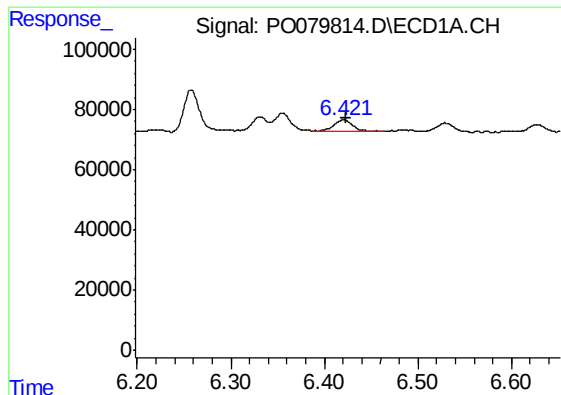
#17 AR-1242-2

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 72667
Conc: 34.38 ng/ml



#17 AR-1242-2

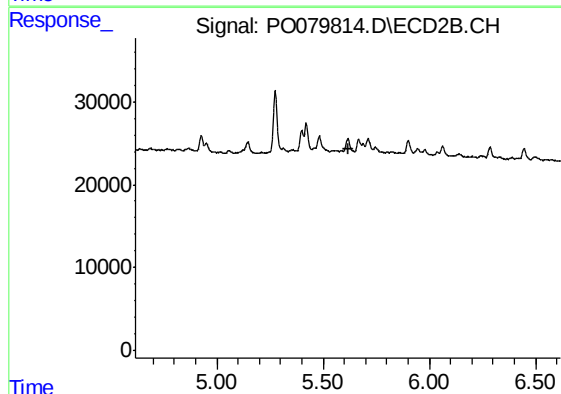
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 35638
Conc: 39.68 ng/ml



#18 AR-1242-3

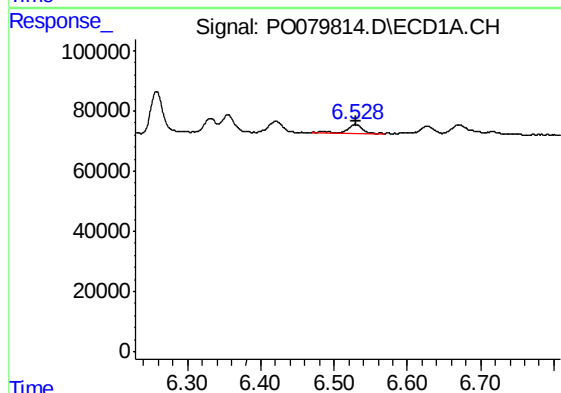
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 51549
Conc: 39.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



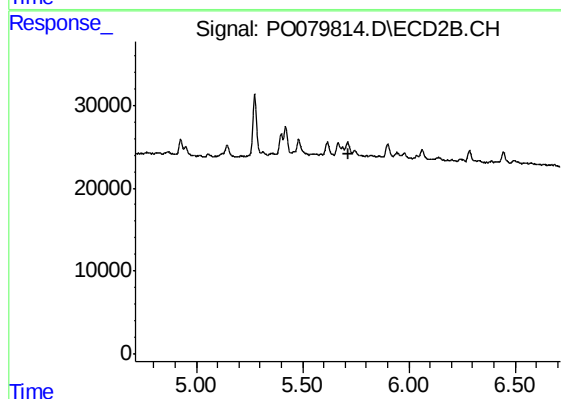
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.617 min
Response: 0
Conc: N.D.



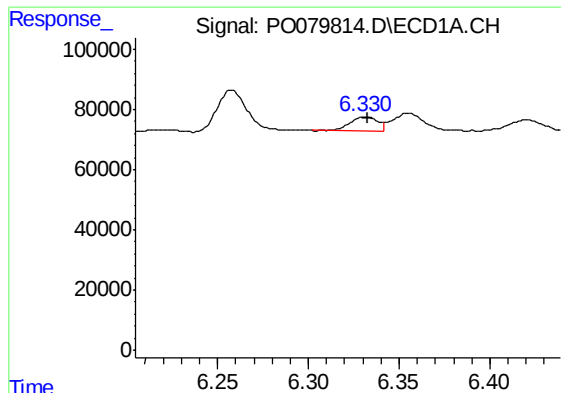
#19 AR-1242-4

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 38842
Conc: 36.87 ng/ml



#19 AR-1242-4

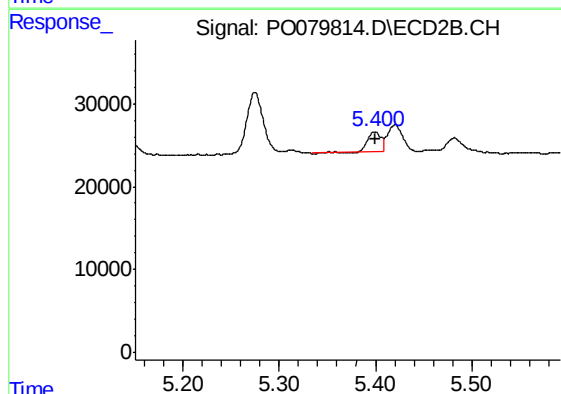
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#21 AR-1248-1

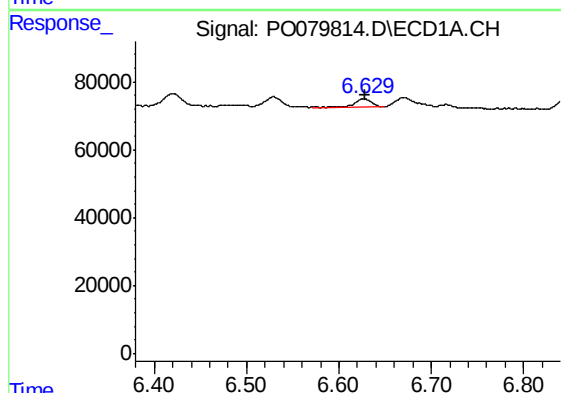
R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 47735
Conc: 40.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



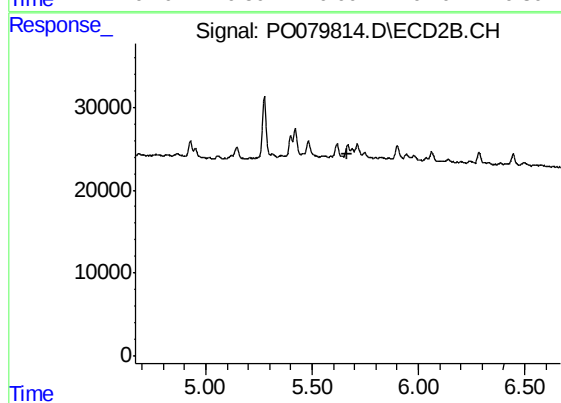
#21 AR-1248-1

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 24300
Conc: 46.75 ng/ml



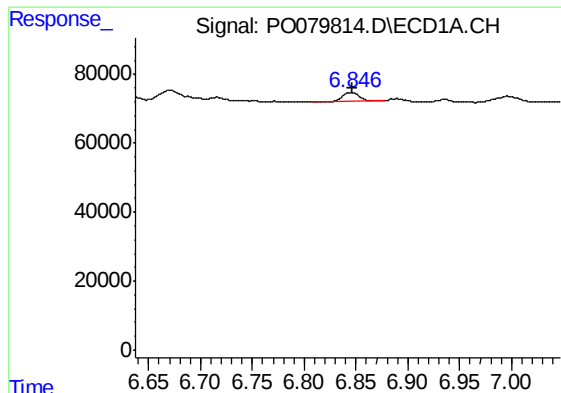
#22 AR-1248-2

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 32600
Conc: 20.04 ng/ml



#22 AR-1248-2

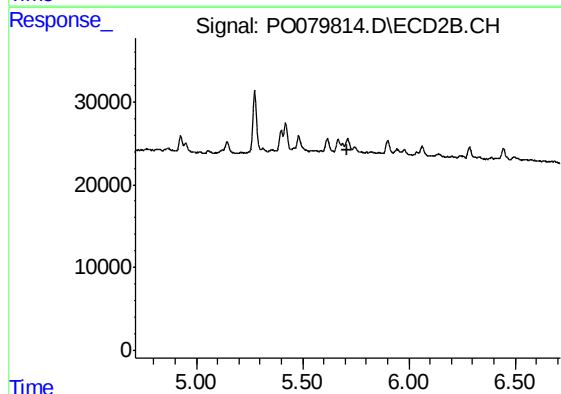
R.T.: 0.000 min
Exp R.T. : 5.668 min
Response: 0
Conc: N.D.



#23 AR-1248-3

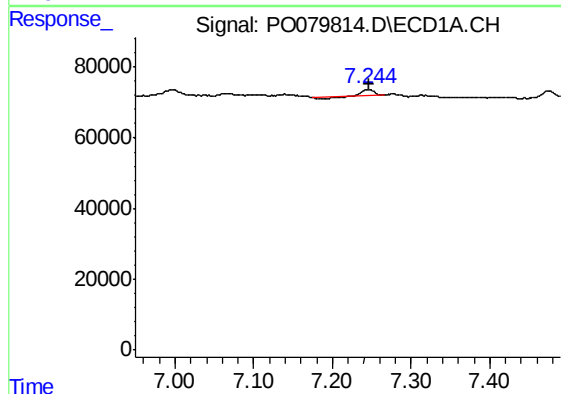
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 30294
Conc: 16.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



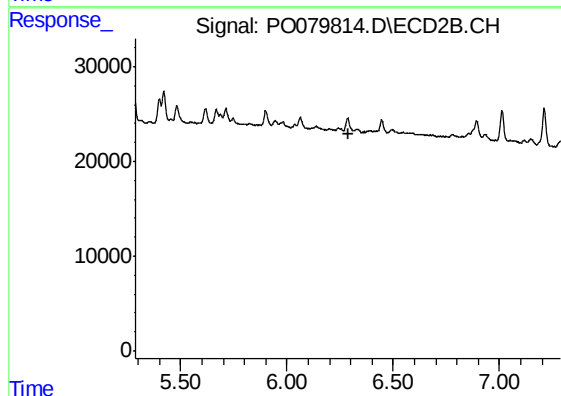
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



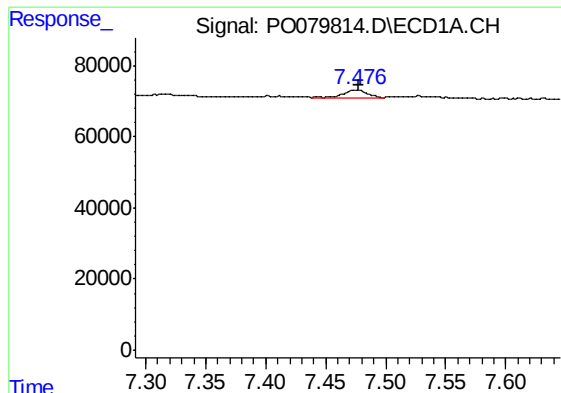
#26 AR-1254-1

R.T.: 7.245 min
Delta R.T.: -0.001 min
Response: 12774
Conc: 6.39 ng/ml



#26 AR-1254-1

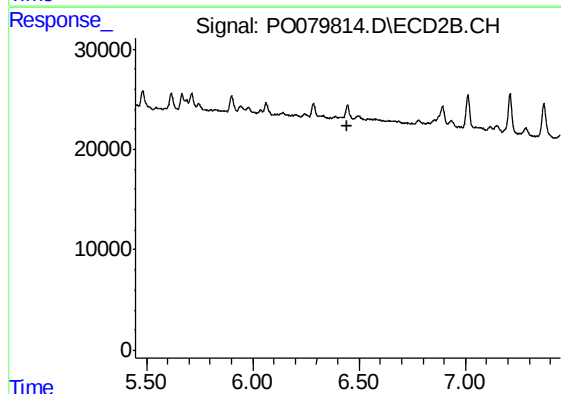
R.T.: 0.000 min
Exp R.T. : 6.287 min
Response: 0
Conc: N.D.



#27 AR-1254-2

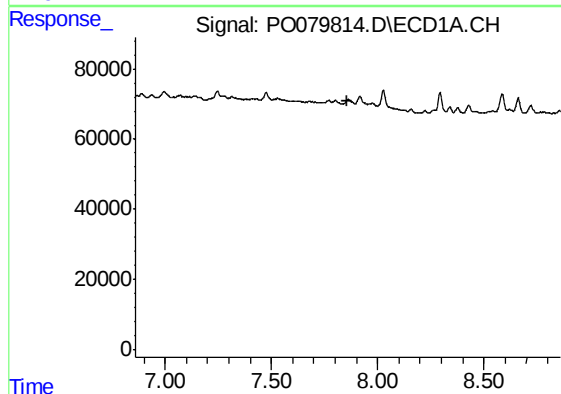
R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 28236
Conc: 9.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



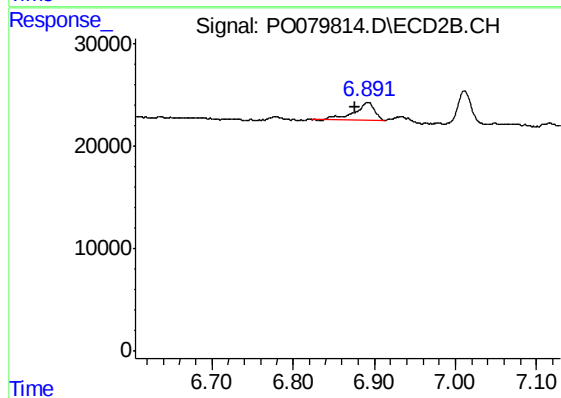
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.447 min
Response: 0
Conc: N.D.



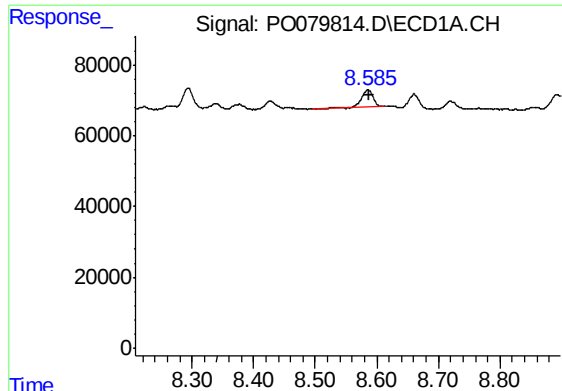
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.860 min
Response: 0
Conc: N.D.



#28 AR-1254-3

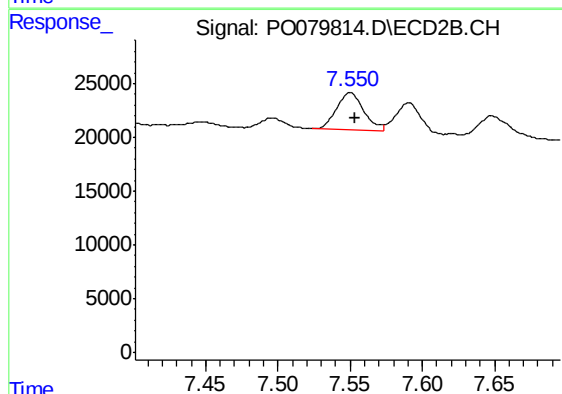
R.T.: 6.892 min
Delta R.T.: 0.016 min
Response: 29460
Conc: 16.21 ng/ml



#30 AR-1254-5

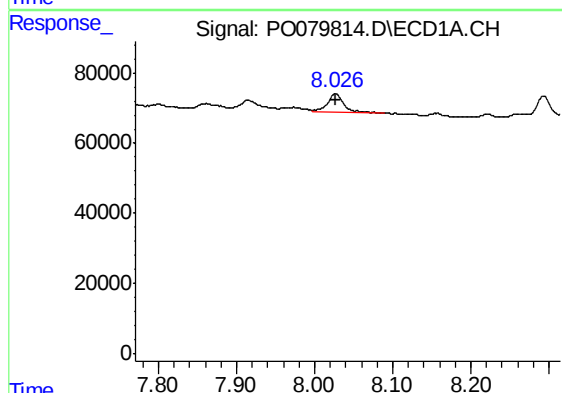
R.T.: 8.585 min
Delta R.T.: -0.003 min
Response: 62893
Conc: 25.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



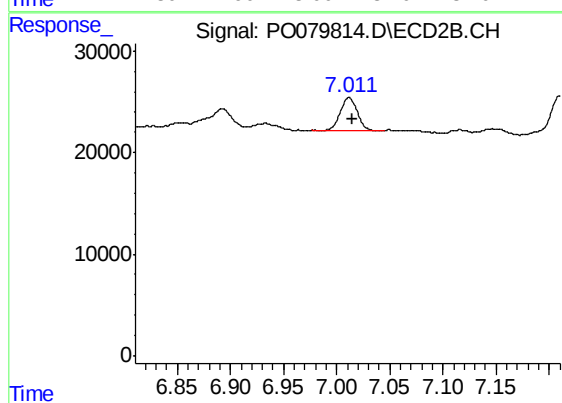
#30 AR-1254-5

R.T.: 7.550 min
Delta R.T.: -0.003 min
Response: 46456
Conc: 30.54 ng/ml



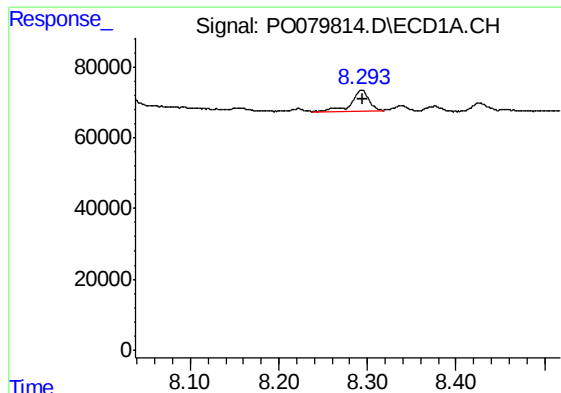
#31 AR-1260-1

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 76346
Conc: 34.21 ng/ml



#31 AR-1260-1

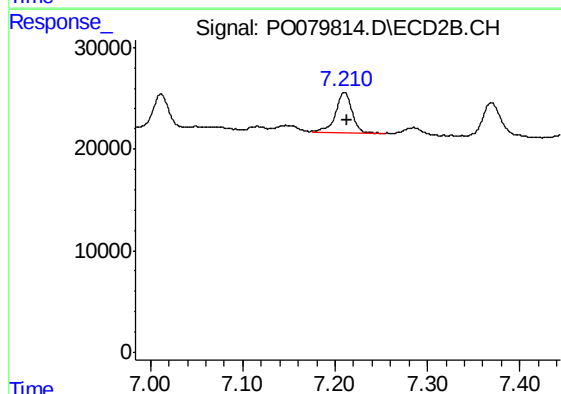
R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 36484
Conc: 30.87 ng/ml



#32 AR-1260-2

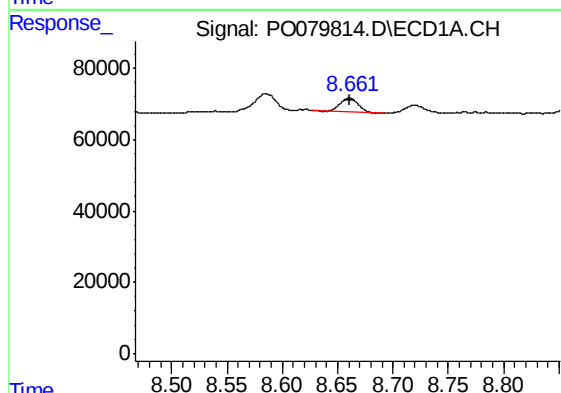
R.T.: 8.293 min
Delta R.T.: -0.001 min
Response: 83461
Conc: 31.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



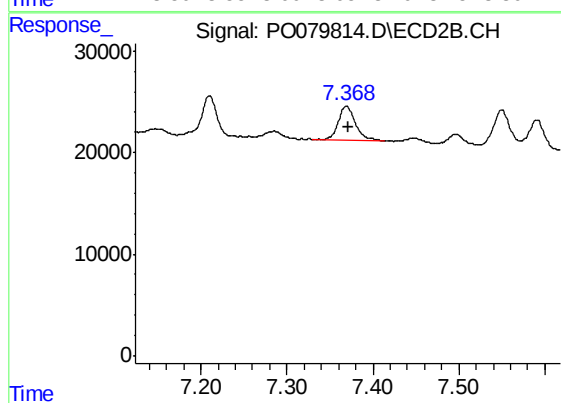
#32 AR-1260-2

R.T.: 7.210 min
Delta R.T.: -0.003 min
Response: 49388
Conc: 34.87 ng/ml



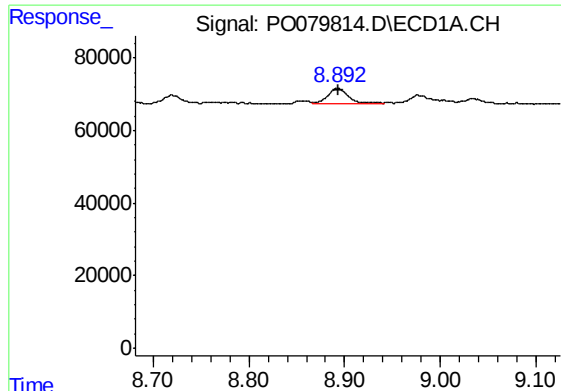
#33 AR-1260-3

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 43765
Conc: 21.30 ng/ml



#33 AR-1260-3

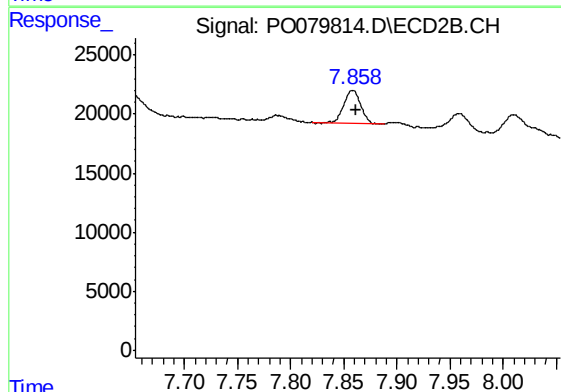
R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 46825
Conc: 35.64 ng/ml



#34 AR-1260-4

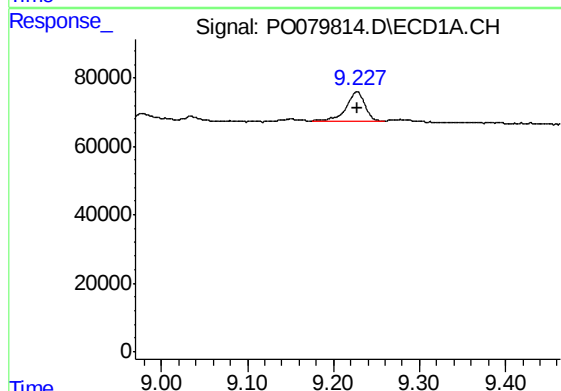
R.T.: 8.893 min
Delta R.T.: -0.001 min
Response: 60853
Conc: 23.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



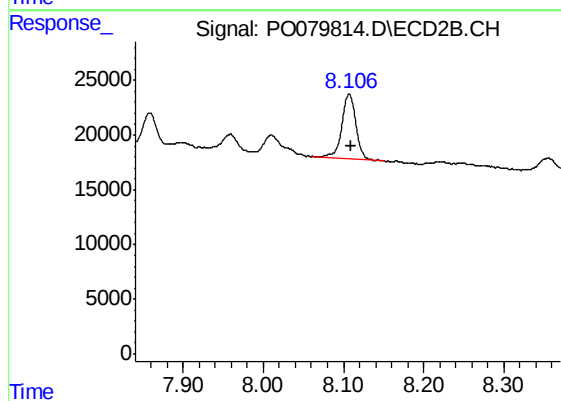
#34 AR-1260-4

R.T.: 7.859 min
Delta R.T.: -0.003 min
Response: 30573
Conc: 28.53 ng/ml



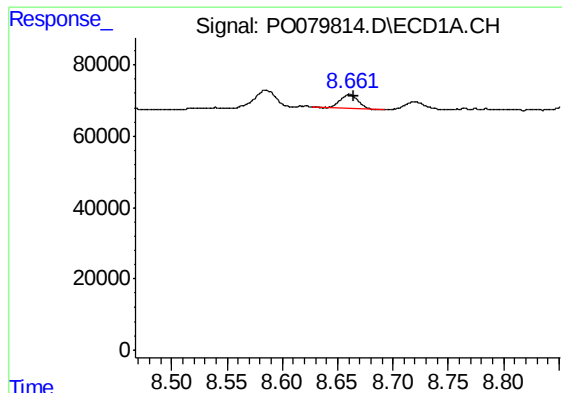
#35 AR-1260-5

R.T.: 9.227 min
Delta R.T.: 0.000 min
Response: 129491
Conc: 26.70 ng/ml



#35 AR-1260-5

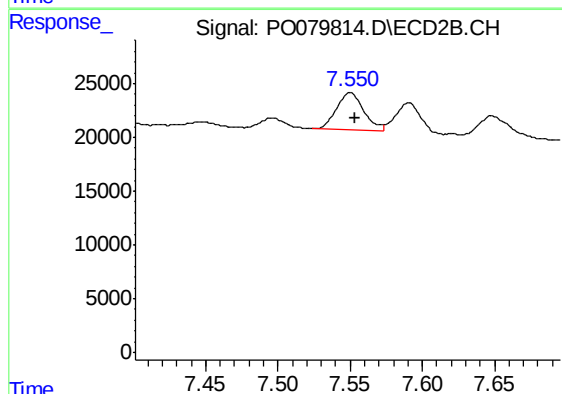
R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 72665
Conc: 29.64 ng/ml



#36 AR-1262-1

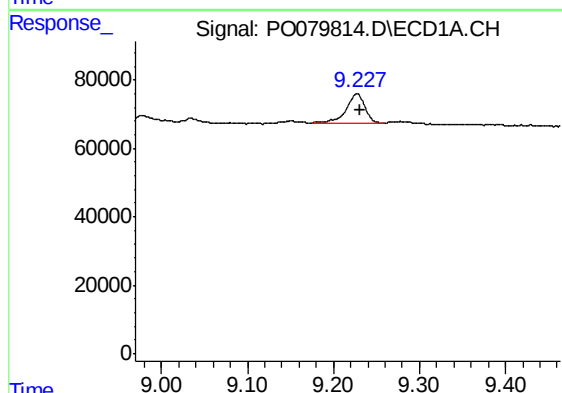
R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 43765
Conc: 15.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



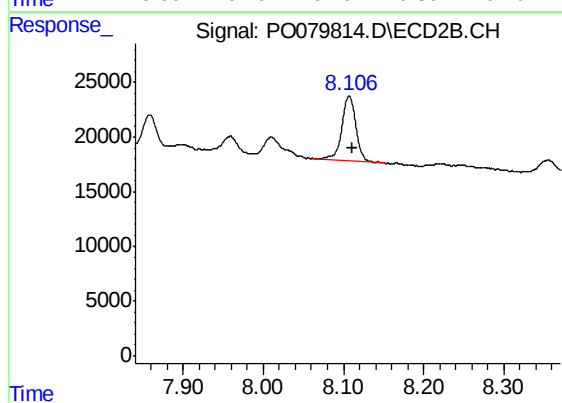
#36 AR-1262-1

R.T.: 7.550 min
Delta R.T.: -0.003 min
Response: 46456
Conc: 52.64 ng/ml



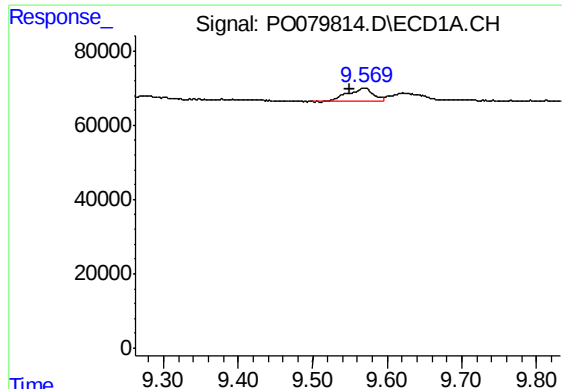
#37 AR-1262-2

R.T.: 9.227 min
Delta R.T.: -0.004 min
Response: 129491
Conc: 24.17 ng/ml



#37 AR-1262-2

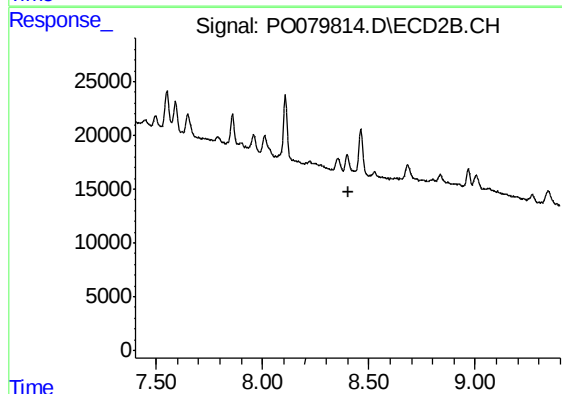
R.T.: 8.107 min
Delta R.T.: -0.004 min
Response: 72665
Conc: 26.34 ng/ml



#38 AR-1262-3

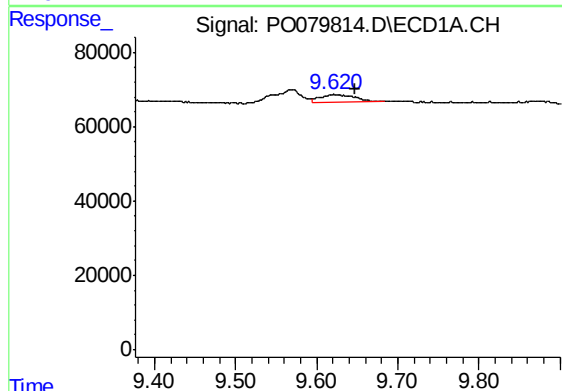
R.T.: 9.569 min
Delta R.T.: 0.020 min
Response: 83447
Conc: 22.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



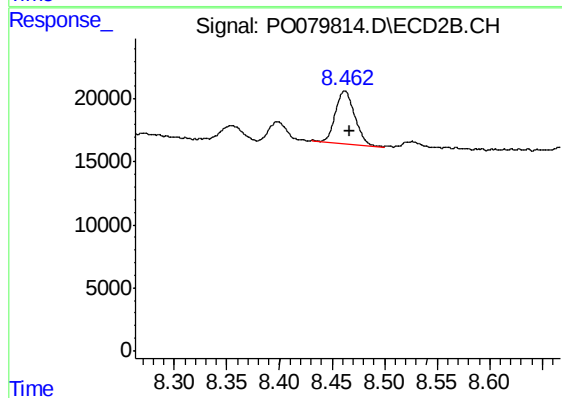
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.402 min
Response: 0
Conc: N.D.



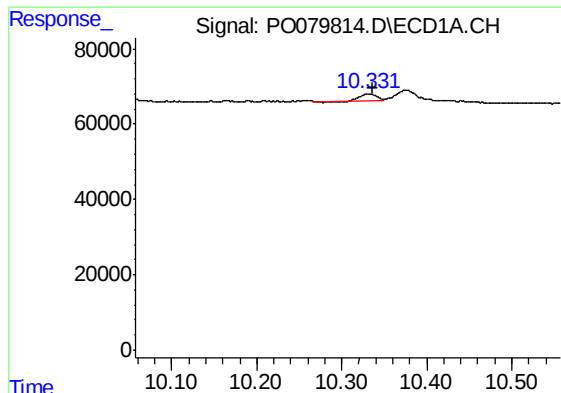
#39 AR-1262-4

R.T.: 9.621 min
Delta R.T.: -0.027 min
Response: 59990
Conc: 21.22 ng/ml



#39 AR-1262-4

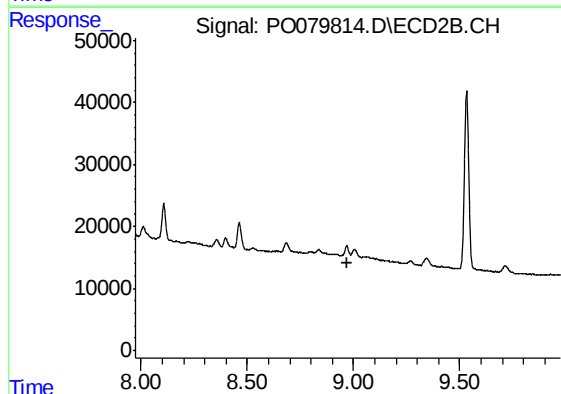
R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 53808
Conc: 26.61 ng/ml



#40 AR-1262-5

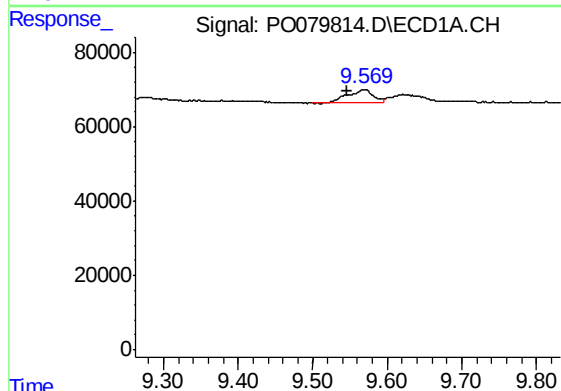
R.T.: 10.332 min
Delta R.T.: -0.005 min
Response: 25481
Conc: 13.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



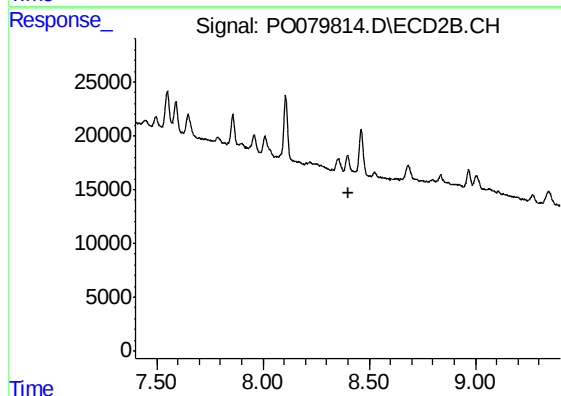
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.973 min
Response: 0
Conc: N.D.



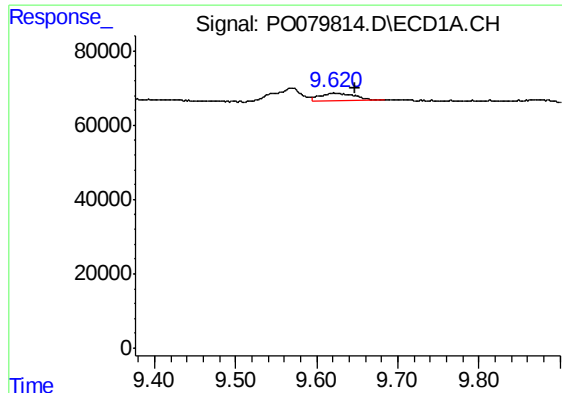
#41 AR-1268-1

R.T.: 9.569 min
Delta R.T.: 0.022 min
Response: 83447
Conc: 13.61 ng/ml



#41 AR-1268-1

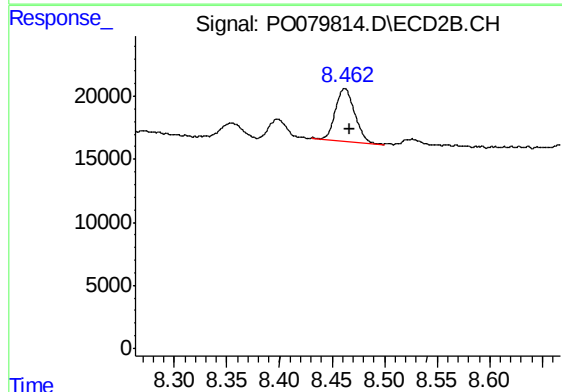
R.T.: 0.000 min
Exp R.T. : 8.400 min
Response: 0
Conc: N.D.



#42 AR-1268-2

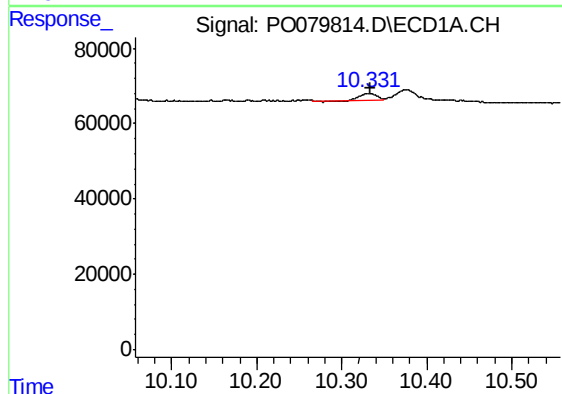
R.T.: 9.621 min
Delta R.T.: -0.026 min
Response: 59990
Conc: 10.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



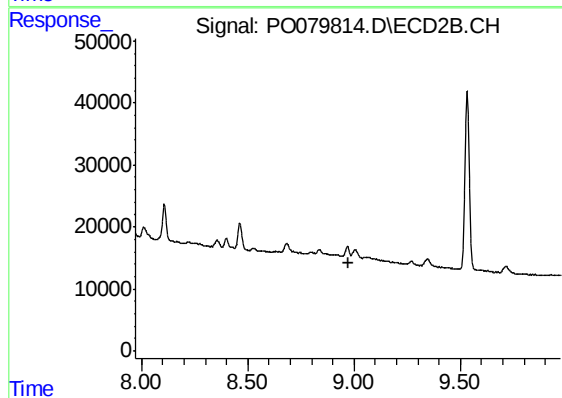
#42 AR-1268-2

R.T.: 8.462 min
Delta R.T.: -0.004 min
Response: 53808
Conc: 19.33 ng/ml



#44 AR-1268-4

R.T.: 10.332 min
Delta R.T.: -0.003 min
Response: 25481
Conc: 12.04 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.971 min
Response: 0
Conc: N.D.