

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051321\
 Data File : P0077775.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 May 2021 22:06
 Operator : DD\AJ
 Sample : M2262-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-WATER-02-QT2-2021

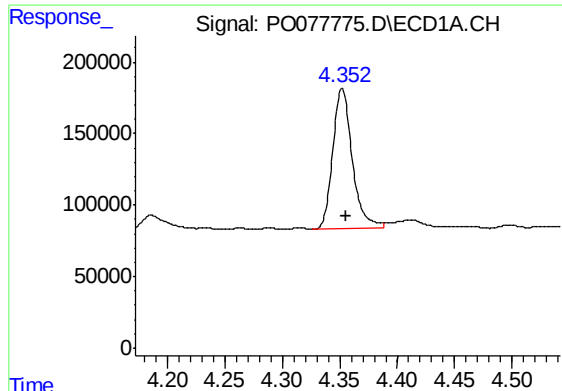
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 06:07:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 05:52:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.352	3.631	1164389	477352	19.836	18.760
2)	SA Decachlor...	9.973	8.828	904980	528208	21.891	21.979
Target Compounds							
3)	L1 AR-1016-1	5.672f	4.861	65387	10146	33.635	10.270 #
4)	L1 AR-1016-2	5.672	4.884	65387	12755	22.619	9.166 #
5)	L1 AR-1016-3	5.732	0.000	32919	0	18.402	N.D. #
6)	L1 AR-1016-4	0.000	5.155f	0	19658	N.D.	32.838 #
8)	L2 AR-1221-1	4.603	3.883	70818	27383	102.463	86.646
9)	L2 AR-1221-2	4.698	3.979	41023	21762	80.648	91.163
10)	L2 AR-1221-3	4.783	4.068	145163	28714	86.994	36.671 #
11)	L3 AR-1232-1	4.783	4.068	145163	28714	110.063	50.148 #
12)	L3 AR-1232-2	5.353	4.884	61853	12755	92.780	22.081 #
13)	L3 AR-1232-3	5.672	0.000	65387	0	54.326	N.D. #
14)	L3 AR-1232-4	0.000	5.155	0	19658	N.D.	73.714 #
15)	L3 AR-1232-5	5.960f	0.000	18727	0	47.152	N.D. #
16)	L4 AR-1242-1	5.672f	4.861	65387	10146	43.627	13.748 #
17)	L4 AR-1242-2	5.672	4.884	65387	12755	28.975	12.223 #
18)	L4 AR-1242-3	5.732	0.000	32919	0	23.770	N.D. #
19)	L4 AR-1242-4	0.000	5.155	0	19658	N.D.	34.732 #
20)	L4 AR-1242-5	6.598	5.717	26945	5302	23.680	7.711 #
21)	L5 AR-1248-1	5.672f	4.861	65387	10146	56.988	18.007 #
22)	L5 AR-1248-2	5.960f	0.000	18727	0	11.794	N.D. #
23)	L5 AR-1248-3	0.000	5.155	0	19658	N.D.	24.356 #
24)	L5 AR-1248-4	6.570	0.000	40380	0	20.610	N.D. #
25)	L5 AR-1248-5	6.598	5.762	26945	3215	14.106	3.479 #
26)	L6 AR-1254-1	6.570f	5.717	40380	5302	19.033	3.603 #
27)	L6 AR-1254-2	6.762	5.868	34522	18176	10.620	13.469 #
28)	L6 AR-1254-3	7.161	0.000	31112	0	9.438	N.D. #
29)	L6 AR-1254-4	7.439	0.000	14194	0	6.113	N.D. #
30)	L6 AR-1254-5	7.859	6.953	13581	8021	5.203	4.233
31)	L7 AR-1260-1	7.287f	6.439	16837	2881	6.623	1.955 #
32)	L7 AR-1260-2	0.000	6.625	0	4148	N.D.	2.391 #
33)	L7 AR-1260-3	0.000	6.782	0	31863	N.D.	19.460 #
35)	L7 AR-1260-5	8.475	7.505	42732	29893	9.876	10.514
36)	L8 AR-1262-1	0.000	6.953	0	8021	N.D.	8.112 #
37)	L8 AR-1262-2	8.475	7.505	42732	29893	8.314	8.977
39)	L8 AR-1262-4	8.818	7.846	48851	22691	31.133	9.095 #
42)	L9 AR-1268-2	8.818	7.846	48851	22691	8.851	6.882
45)	L9 AR-1268-5	0.000	8.609	0	8180	N.D.	0.953 #

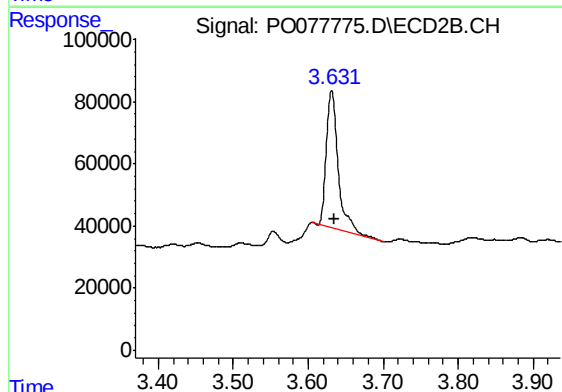
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

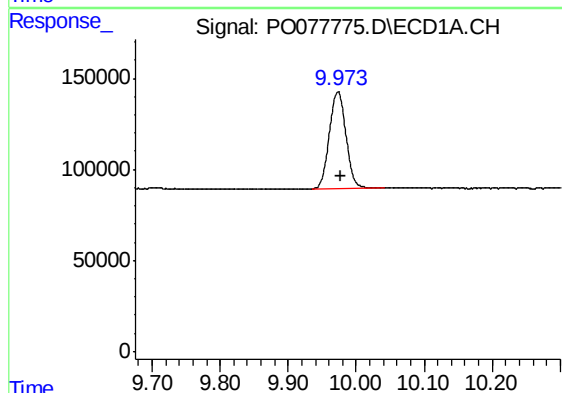
R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 1164389
Conc: 19.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



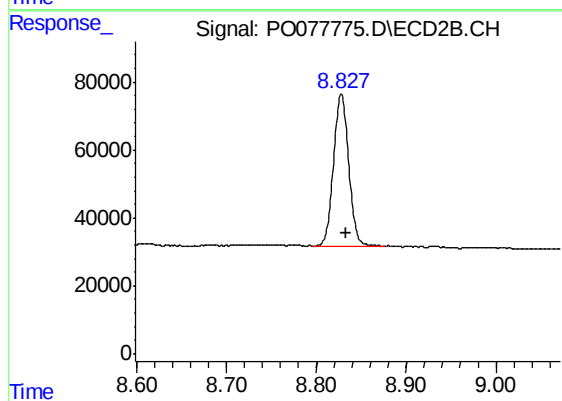
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.003 min
Response: 477352
Conc: 18.76 ng/ml



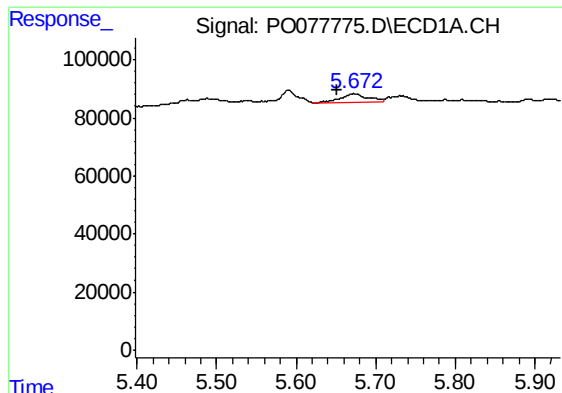
#2 Decachlorobiphenyl

R.T.: 9.973 min
Delta R.T.: -0.005 min
Response: 904980
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

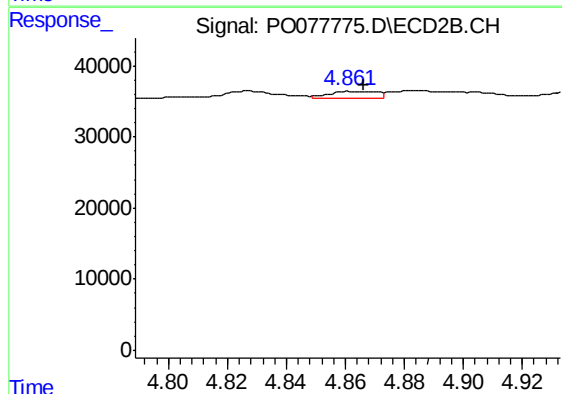
R.T.: 8.828 min
Delta R.T.: -0.005 min
Response: 528208
Conc: 21.98 ng/ml



#3 AR-1016-1

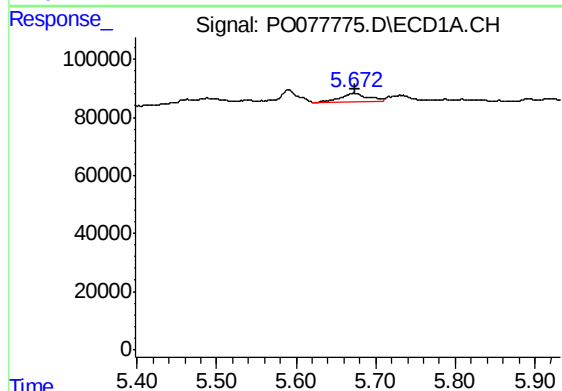
R.T.: 5.672 min
Delta R.T.: 0.020 min
Response: 65387
Conc: 33.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



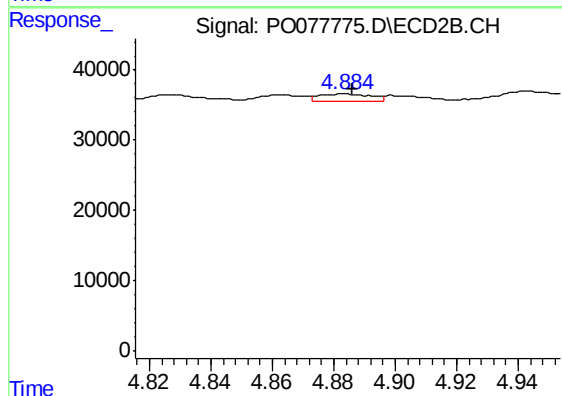
#3 AR-1016-1

R.T.: 4.861 min
Delta R.T.: -0.005 min
Response: 10146
Conc: 10.27 ng/ml



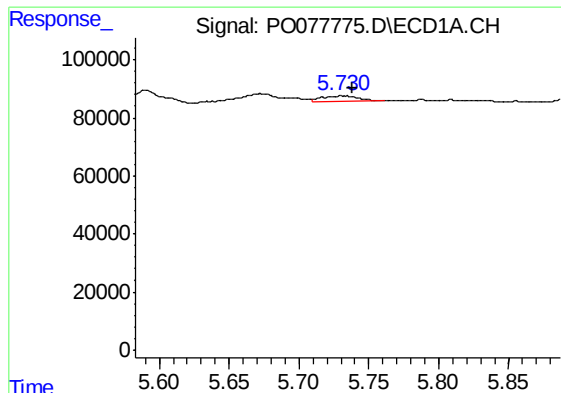
#4 AR-1016-2

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 65387
Conc: 22.62 ng/ml



#4 AR-1016-2

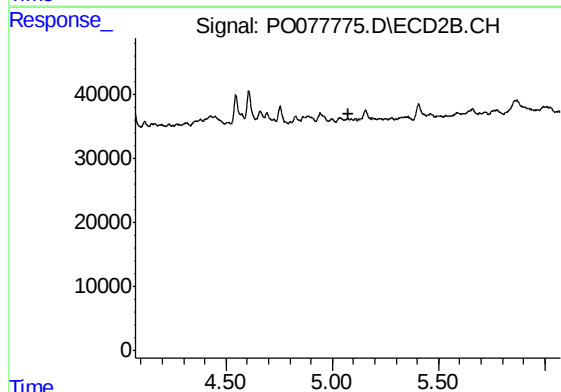
R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 12755
Conc: 9.17 ng/ml



#5 AR-1016-3

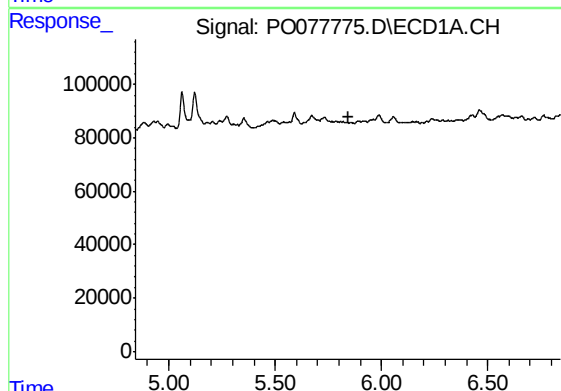
R.T.: 5.732 min
Delta R.T.: -0.007 min
Response: 32919
Conc: 18.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



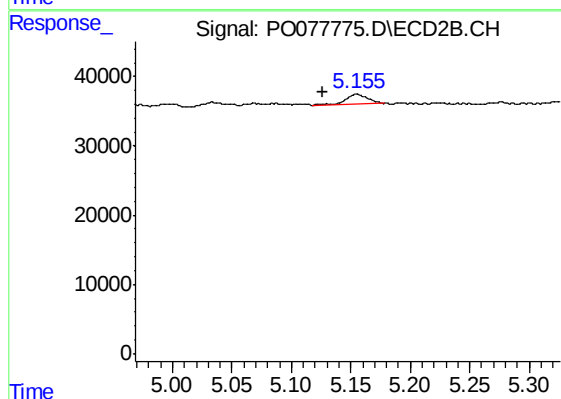
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.073 min
Response: 0
Conc: N.D.



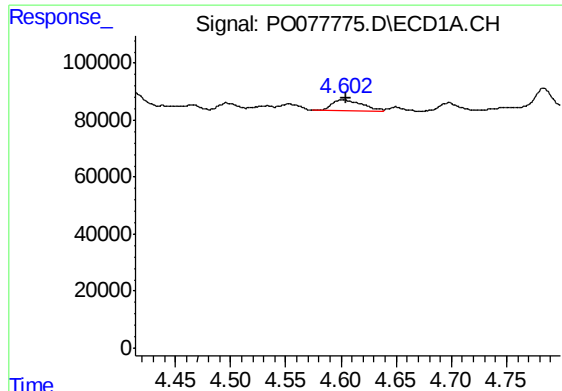
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.843 min
Response: 0
Conc: N.D.



#6 AR-1016-4

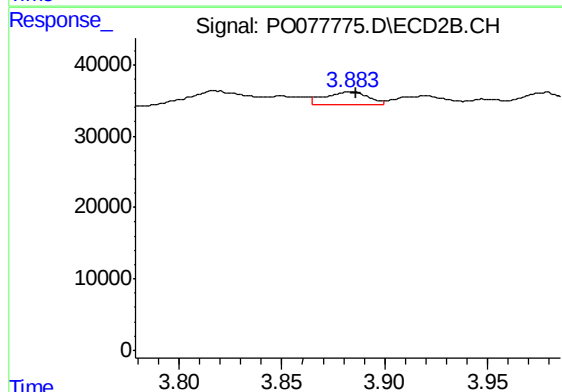
R.T.: 5.155 min
Delta R.T.: 0.029 min
Response: 19658
Conc: 32.84 ng/ml



#8 AR-1221-1

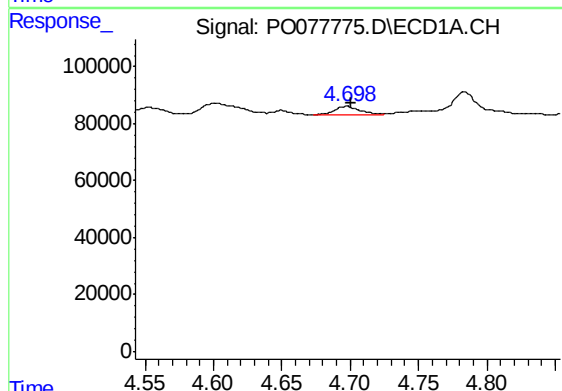
R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 70818
Conc: 102.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



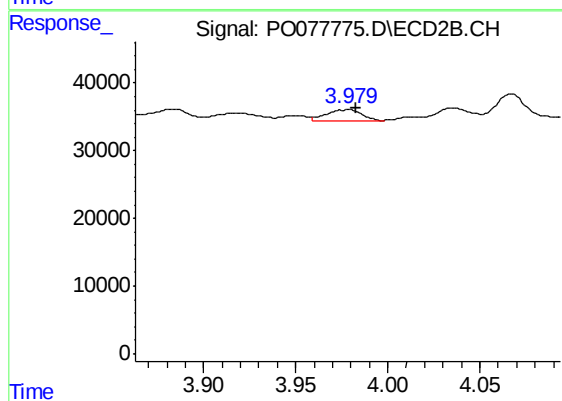
#8 AR-1221-1

R.T.: 3.883 min
Delta R.T.: -0.003 min
Response: 27383
Conc: 86.65 ng/ml



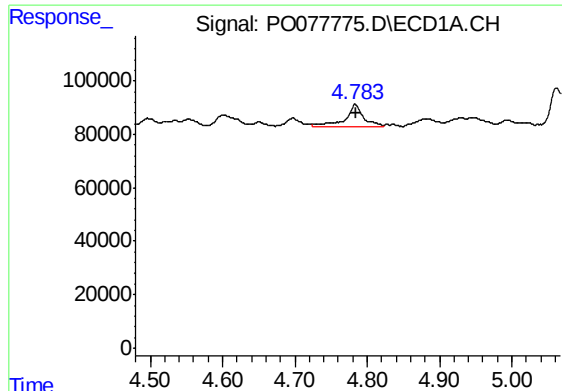
#9 AR-1221-2

R.T.: 4.698 min
Delta R.T.: -0.003 min
Response: 41023
Conc: 80.65 ng/ml



#9 AR-1221-2

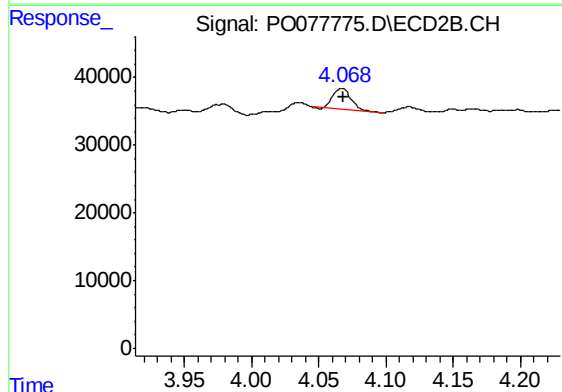
R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 21762
Conc: 91.16 ng/ml



#10 AR-1221-3

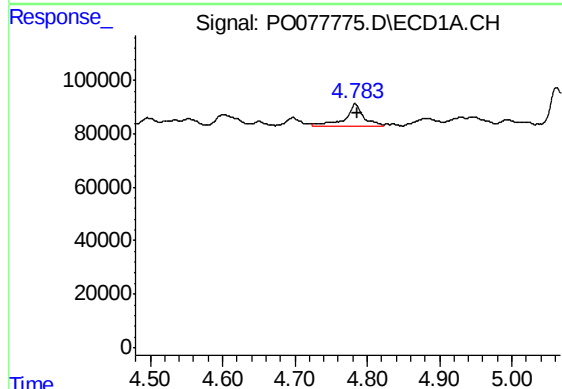
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 145163
Conc: 86.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



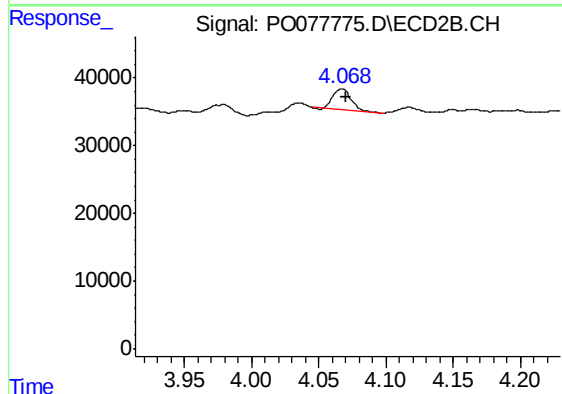
#10 AR-1221-3

R.T.: 4.068 min
Delta R.T.: -0.001 min
Response: 28714
Conc: 36.67 ng/ml



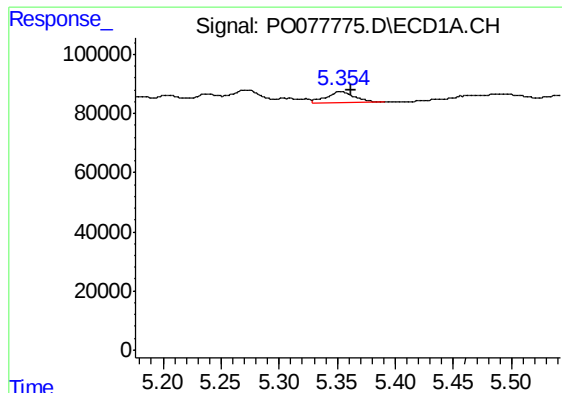
#11 AR-1232-1

R.T.: 4.783 min
Delta R.T.: -0.004 min
Response: 145163
Conc: 110.06 ng/ml



#11 AR-1232-1

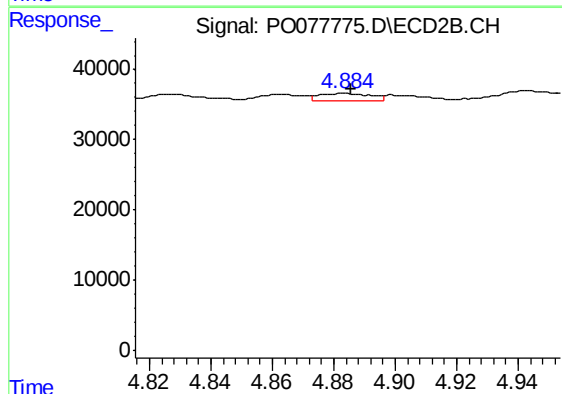
R.T.: 4.068 min
Delta R.T.: -0.003 min
Response: 28714
Conc: 50.15 ng/ml



#12 AR-1232-2

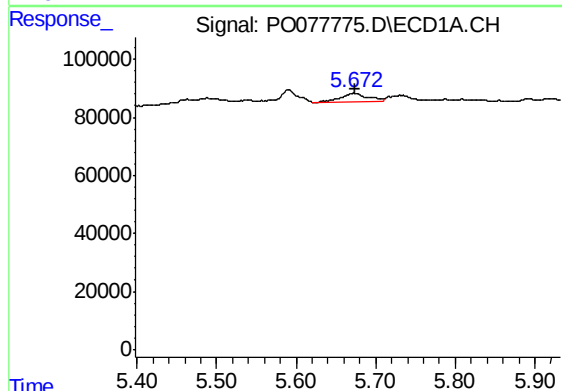
R.T.: 5.353 min
Delta R.T.: -0.008 min
Response: 61853
Conc: 92.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



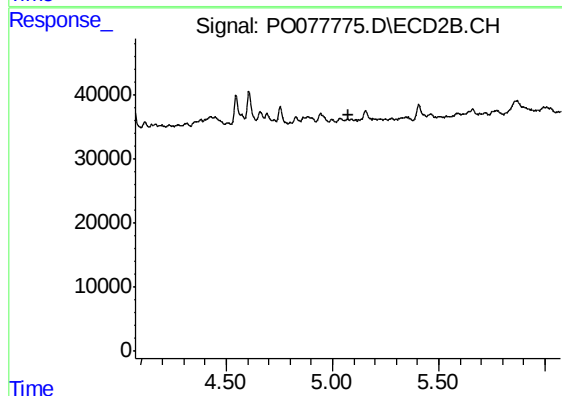
#12 AR-1232-2

R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 12755
Conc: 22.08 ng/ml



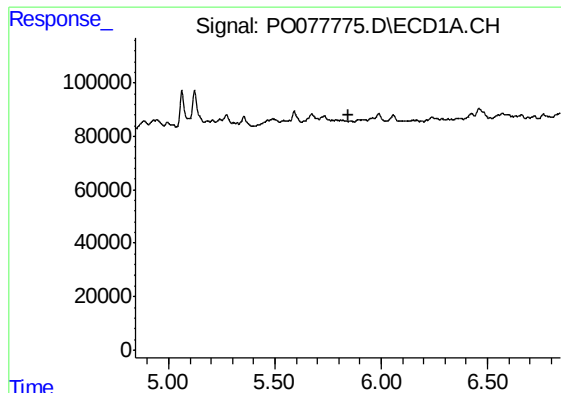
#13 AR-1232-3

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 65387
Conc: 54.33 ng/ml



#13 AR-1232-3

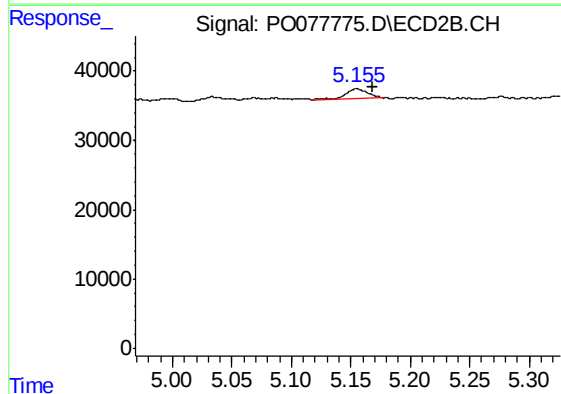
R.T.: 0.000 min
Exp R.T. : 5.073 min
Response: 0
Conc: N.D.



#14 AR-1232-4

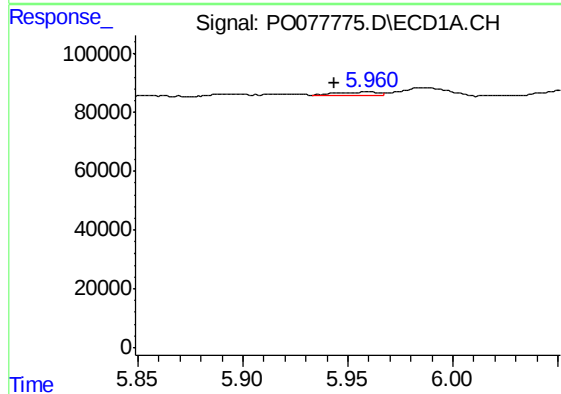
R.T.: 0.000 min
Exp R.T. : 5.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



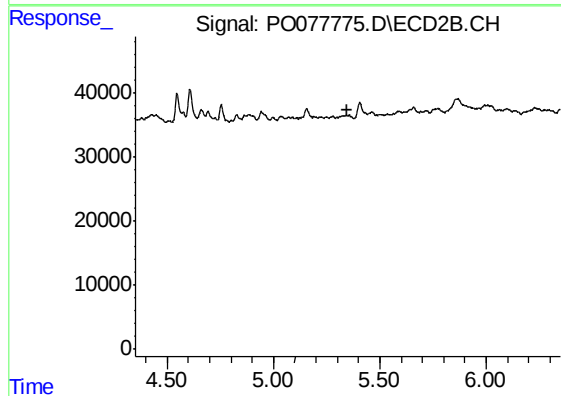
#14 AR-1232-4

R.T.: 5.155 min
Delta R.T.: -0.013 min
Response: 19658
Conc: 73.71 ng/ml



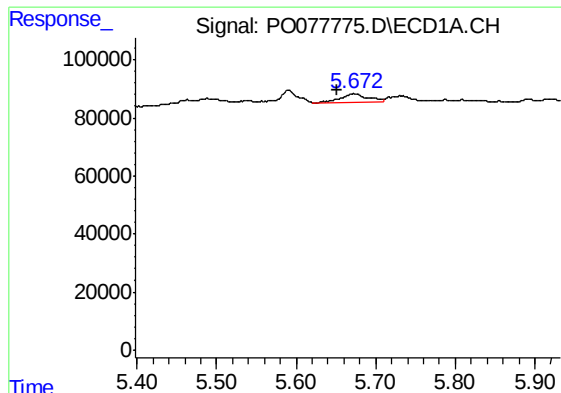
#15 AR-1232-5

R.T.: 5.960 min
Delta R.T.: 0.016 min
Response: 18727
Conc: 47.15 ng/ml



#15 AR-1232-5

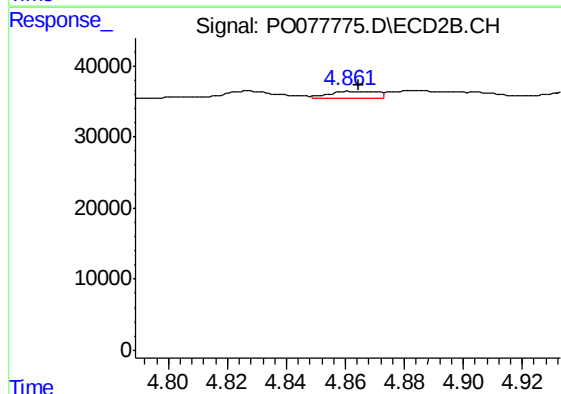
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#16 AR-1242-1

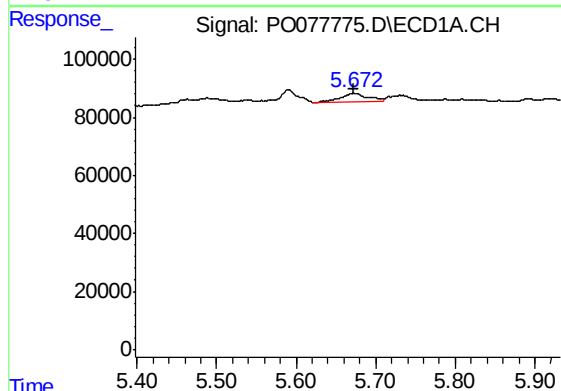
R.T.: 5.672 min
Delta R.T.: 0.021 min
Response: 65387
Conc: 43.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



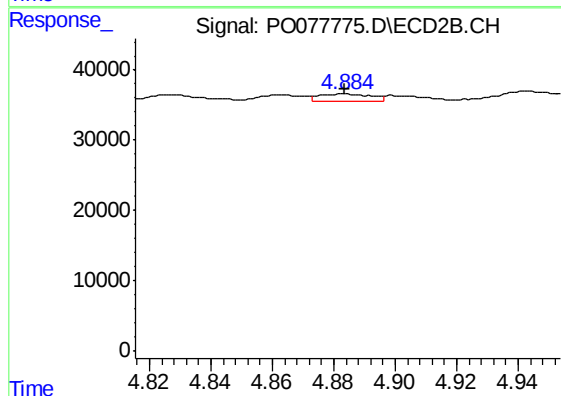
#16 AR-1242-1

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 10146
Conc: 13.75 ng/ml



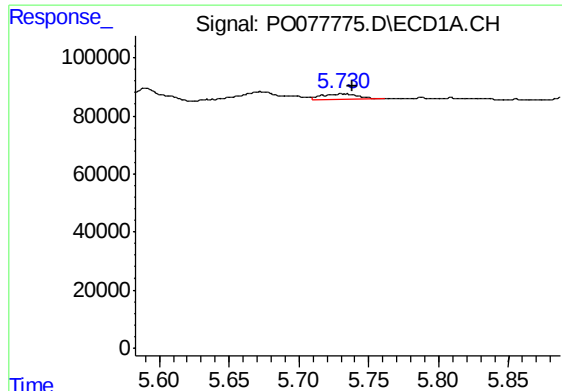
#17 AR-1242-2

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 65387
Conc: 28.98 ng/ml



#17 AR-1242-2

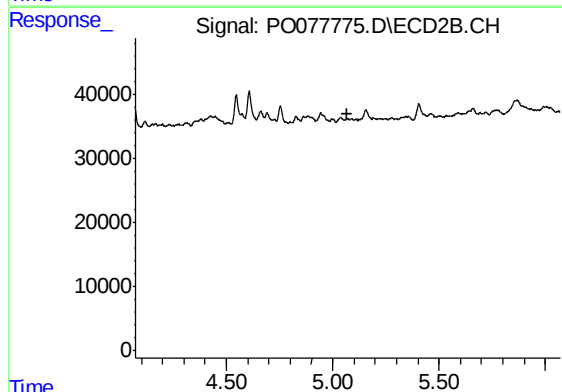
R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 12755
Conc: 12.22 ng/ml



#18 AR-1242-3

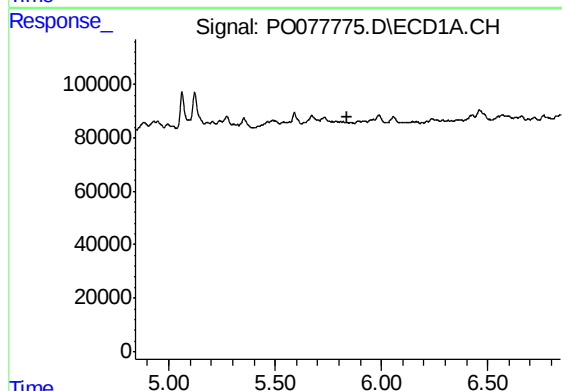
R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 32919
Conc: 23.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



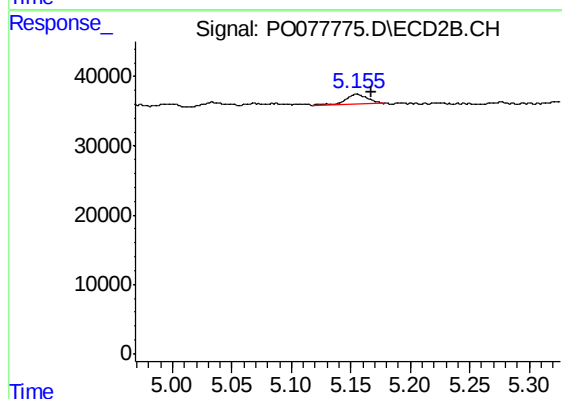
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.071 min
Response: 0
Conc: N.D.



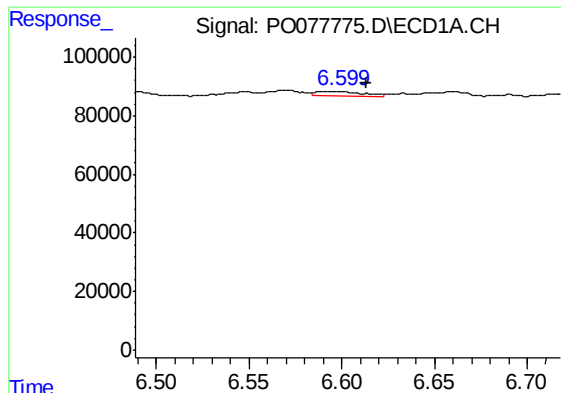
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

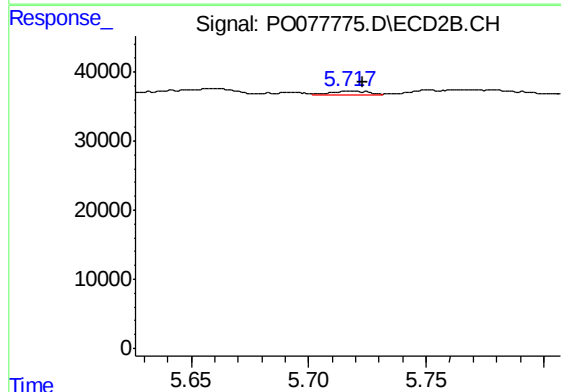
R.T.: 5.155 min
Delta R.T.: -0.012 min
Response: 19658
Conc: 34.73 ng/ml



#20 AR-1242-5

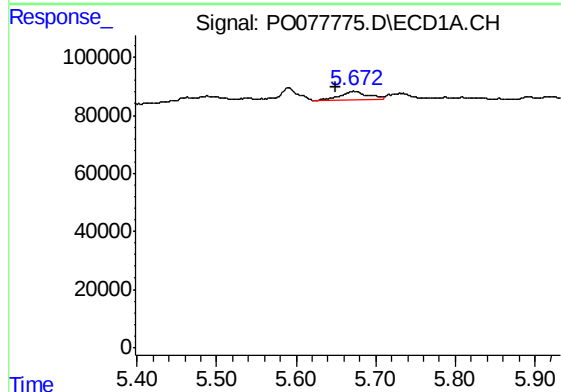
R.T.: 6.598 min
Delta R.T.: -0.015 min
Response: 26945
Conc: 23.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



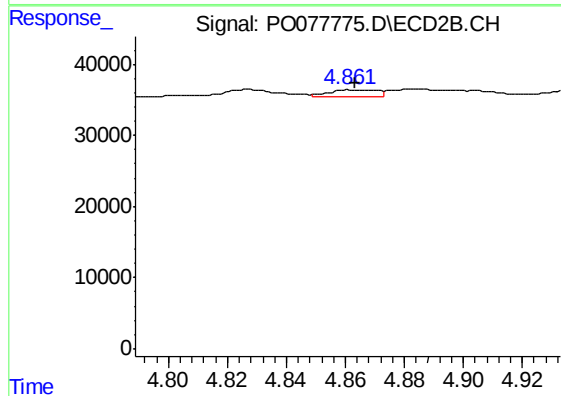
#20 AR-1242-5

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 5302
Conc: 7.71 ng/ml



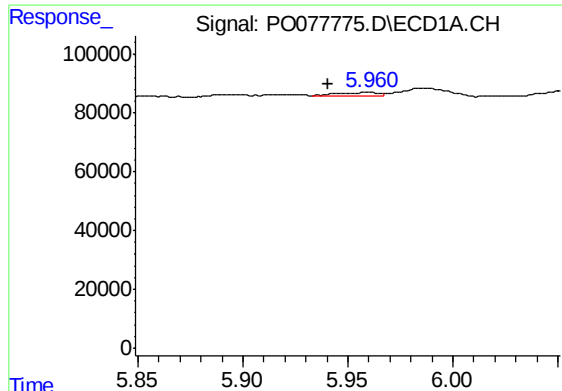
#21 AR-1248-1

R.T.: 5.672 min
Delta R.T.: 0.023 min
Response: 65387
Conc: 56.99 ng/ml



#21 AR-1248-1

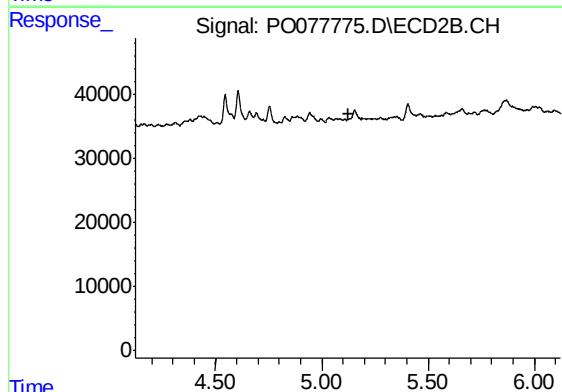
R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 10146
Conc: 18.01 ng/ml



#22 AR-1248-2

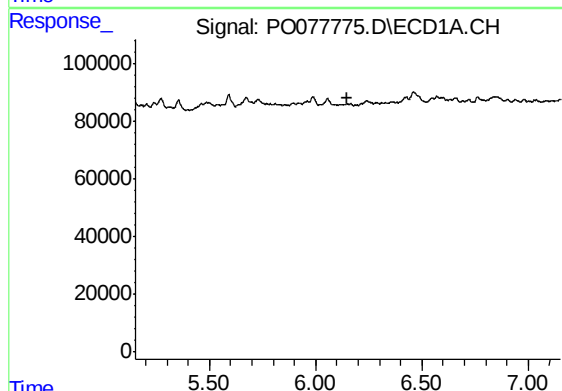
R.T.: 5.960 min
Delta R.T.: 0.020 min
Response: 18727
Conc: 11.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



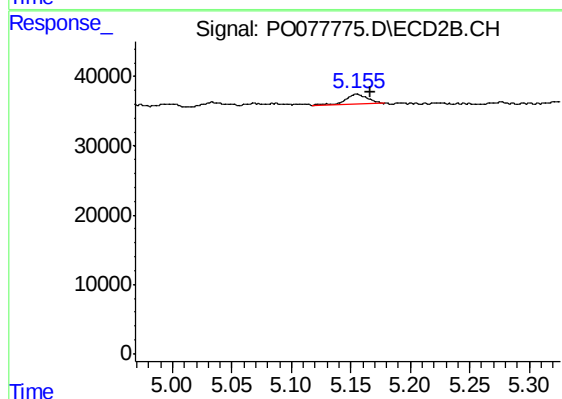
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.124 min
Response: 0
Conc: N.D.



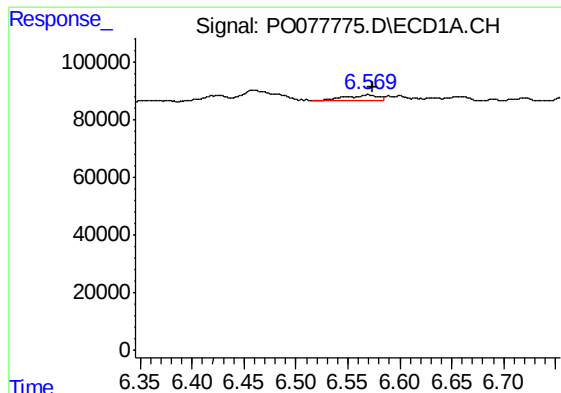
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.152 min
Response: 0
Conc: N.D.



#23 AR-1248-3

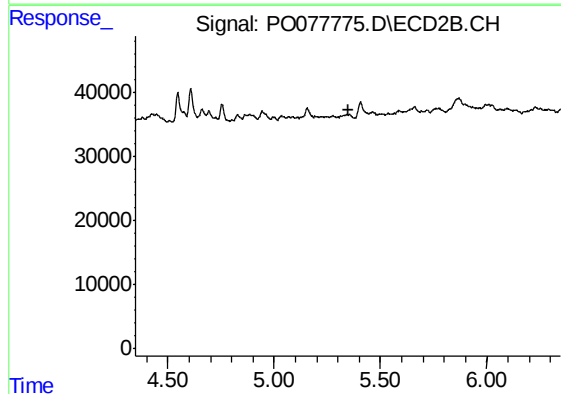
R.T.: 5.155 min
Delta R.T.: -0.011 min
Response: 19658
Conc: 24.36 ng/ml



#24 AR-1248-4

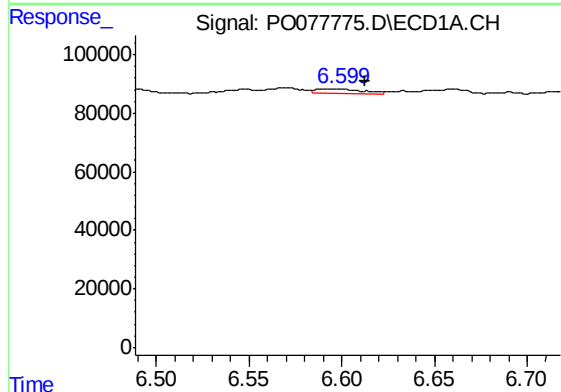
R.T.: 6.570 min
Delta R.T.: -0.005 min
Response: 40380
Conc: 20.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



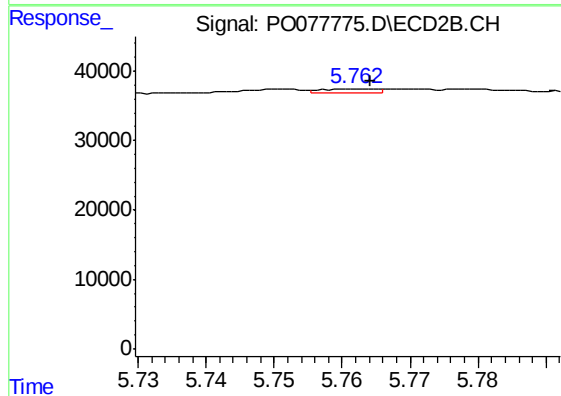
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



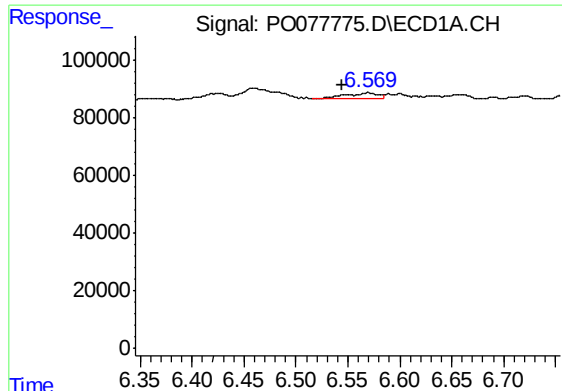
#25 AR-1248-5

R.T.: 6.598 min
Delta R.T.: -0.014 min
Response: 26945
Conc: 14.11 ng/ml



#25 AR-1248-5

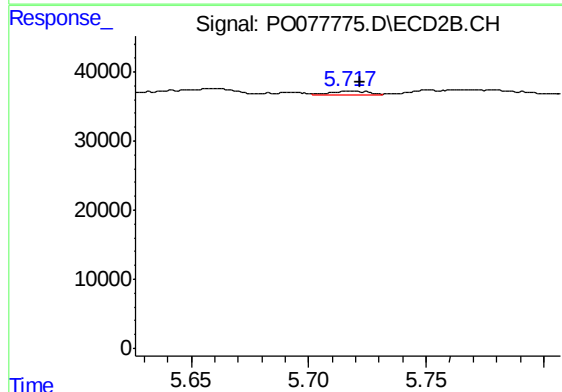
R.T.: 5.762 min
Delta R.T.: -0.002 min
Response: 3215
Conc: 3.48 ng/ml



#26 AR-1254-1

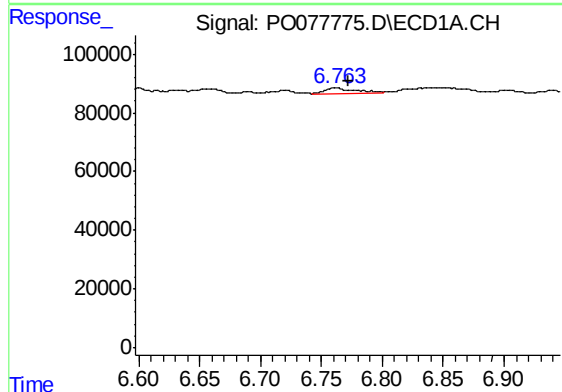
R.T.: 6.570 min
Delta R.T.: 0.025 min
Response: 40380
Conc: 19.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



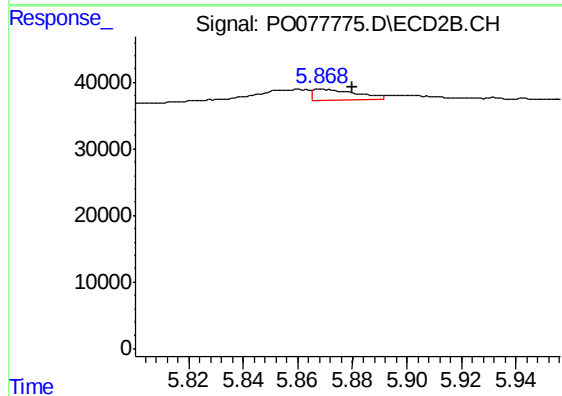
#26 AR-1254-1

R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 5302
Conc: 3.60 ng/ml



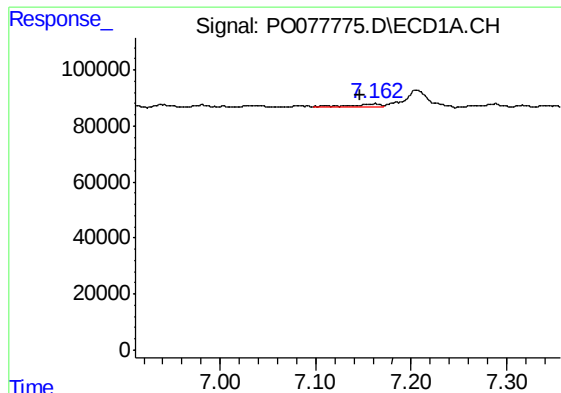
#27 AR-1254-2

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 34522
Conc: 10.62 ng/ml



#27 AR-1254-2

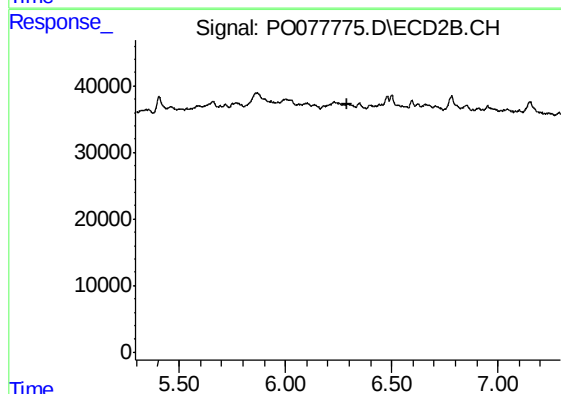
R.T.: 5.868 min
Delta R.T.: -0.012 min
Response: 18176
Conc: 13.47 ng/ml



#28 AR-1254-3

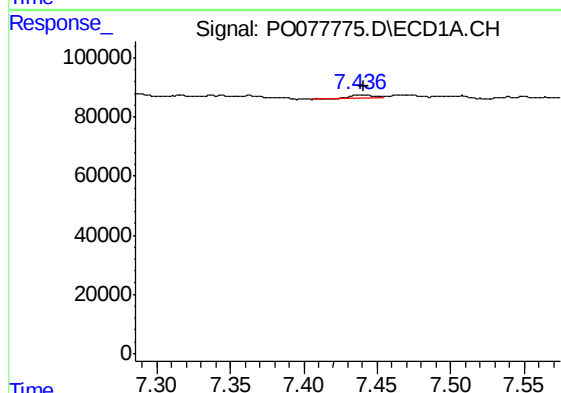
R.T.: 7.161 min
Delta R.T.: 0.015 min
Response: 31112
Conc: 9.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



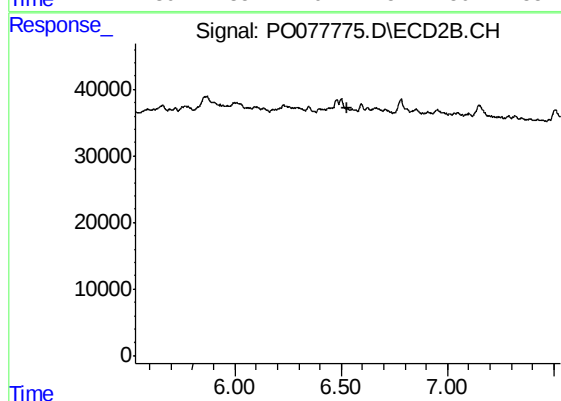
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.294 min
Response: 0
Conc: N.D.



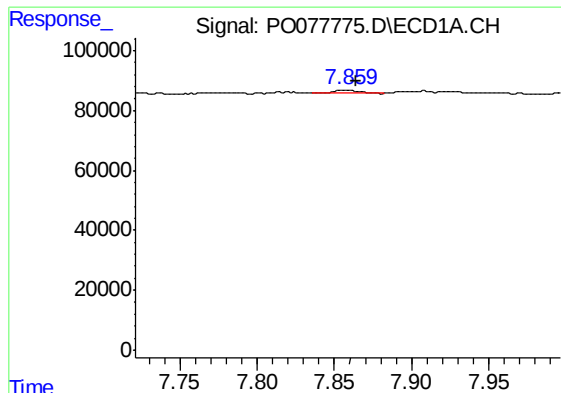
#29 AR-1254-4

R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 14194
Conc: 6.11 ng/ml



#29 AR-1254-4

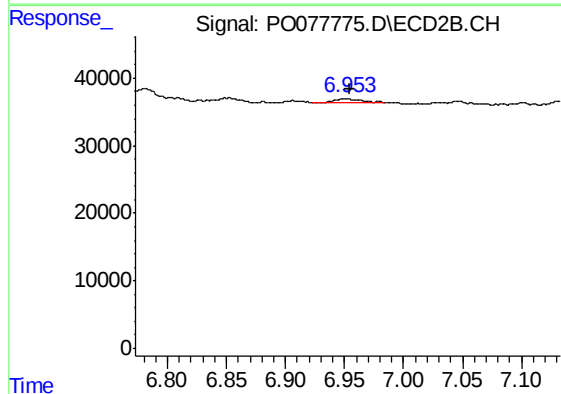
R.T.: 0.000 min
Exp R.T. : 6.532 min
Response: 0
Conc: N.D.



#30 AR-1254-5

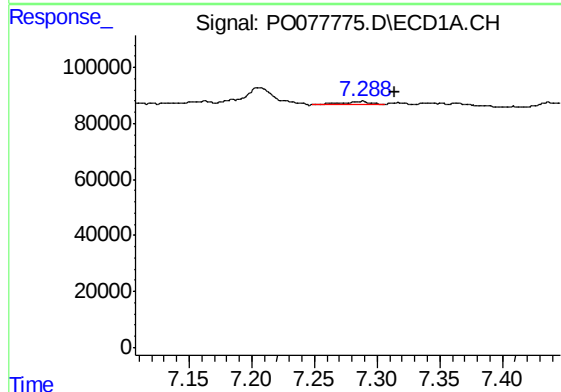
R.T.: 7.859 min
Delta R.T.: -0.005 min
Response: 13581
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



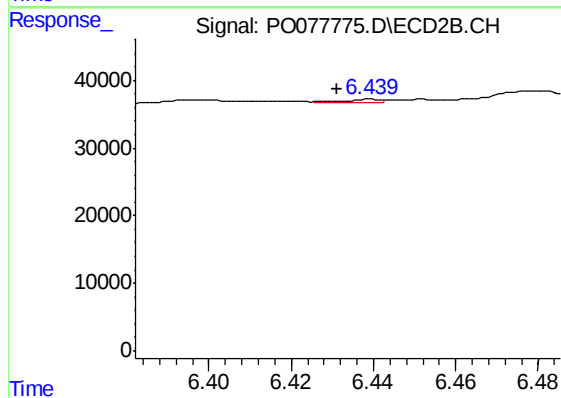
#30 AR-1254-5

R.T.: 6.953 min
Delta R.T.: -0.002 min
Response: 8021
Conc: 4.23 ng/ml



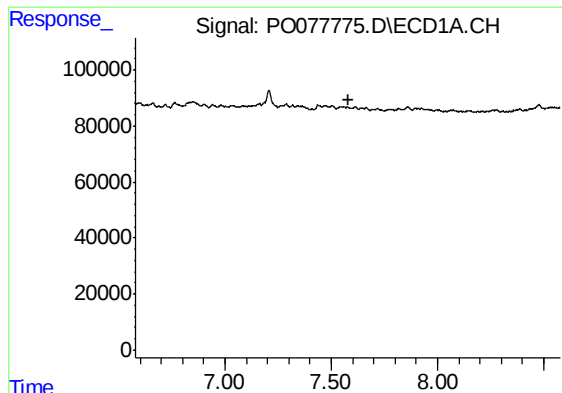
#31 AR-1260-1

R.T.: 7.287 min
Delta R.T.: -0.028 min
Response: 16837
Conc: 6.62 ng/ml



#31 AR-1260-1

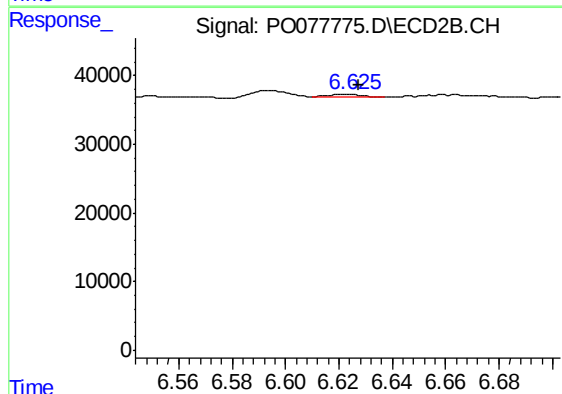
R.T.: 6.439 min
Delta R.T.: 0.008 min
Response: 2881
Conc: 1.96 ng/ml



#32 AR-1260-2

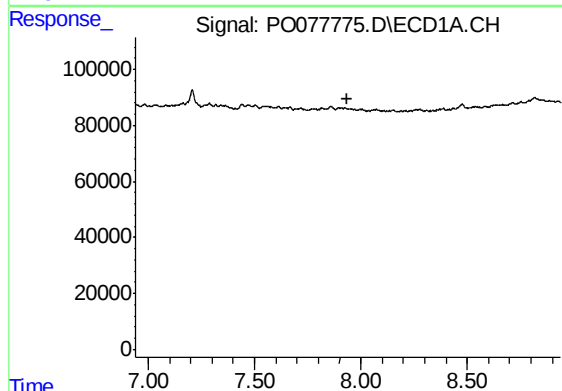
R.T.: 0.000 min
Exp R.T. : 7.579 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



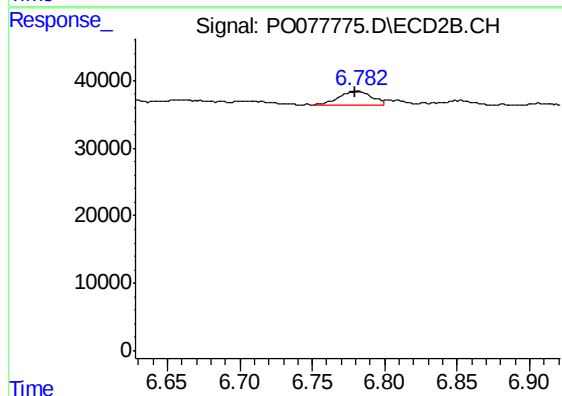
#32 AR-1260-2

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 4148
Conc: 2.39 ng/ml



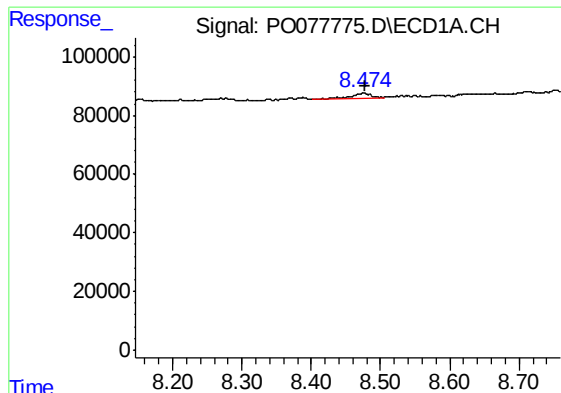
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.939 min
Response: 0
Conc: N.D.



#33 AR-1260-3

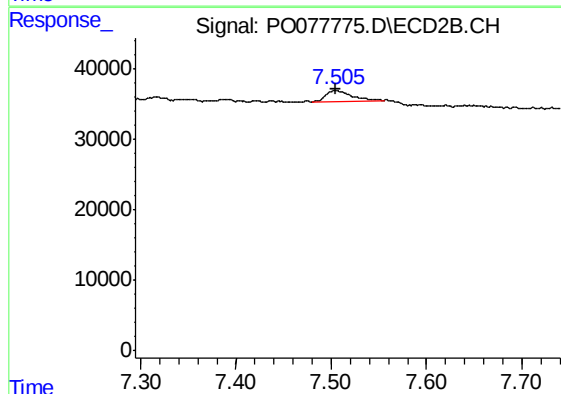
R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 31863
Conc: 19.46 ng/ml



#35 AR-1260-5

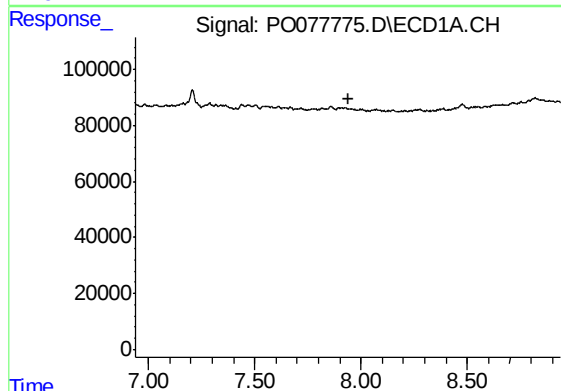
R.T.: 8.475 min
Delta R.T.: -0.004 min
Response: 42732
Conc: 9.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



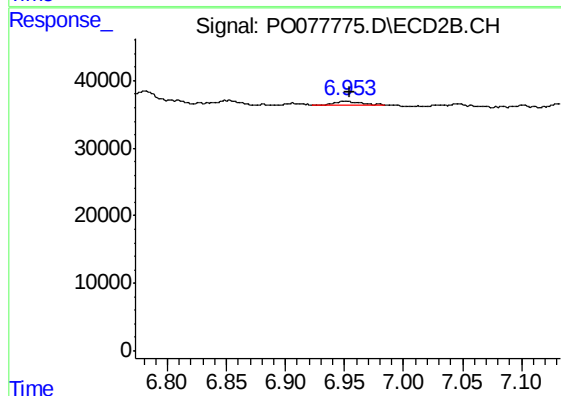
#35 AR-1260-5

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 29893
Conc: 10.51 ng/ml



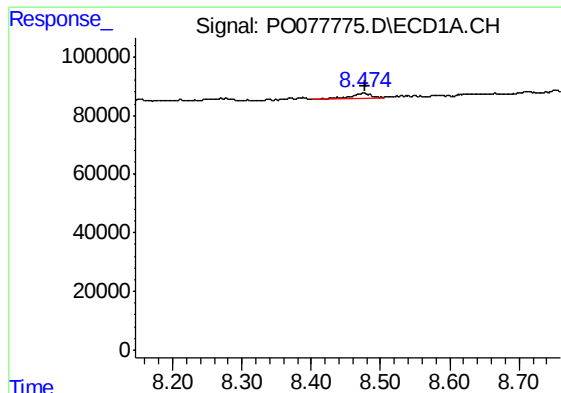
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.939 min
Response: 0
Conc: N.D.



#36 AR-1262-1

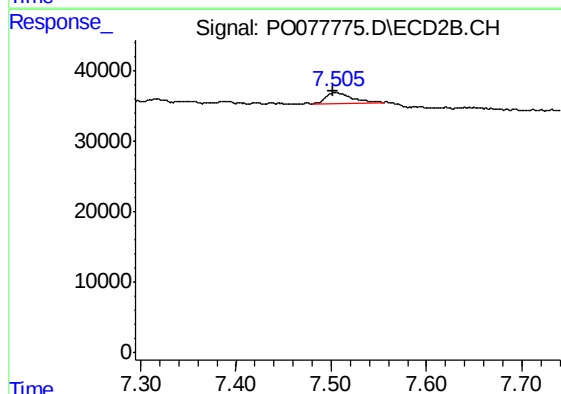
R.T.: 6.953 min
Delta R.T.: -0.001 min
Response: 8021
Conc: 8.11 ng/ml



#37 AR-1262-2

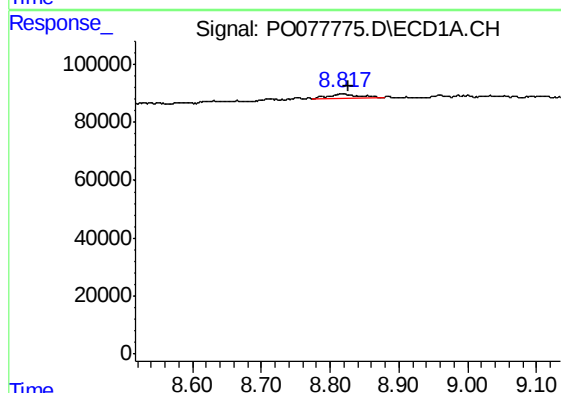
R.T.: 8.475 min
Delta R.T.: -0.003 min
Response: 42732
Conc: 8.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



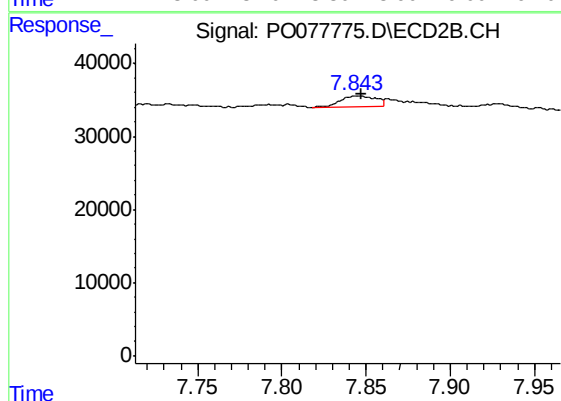
#37 AR-1262-2

R.T.: 7.505 min
Delta R.T.: 0.003 min
Response: 29893
Conc: 8.98 ng/ml



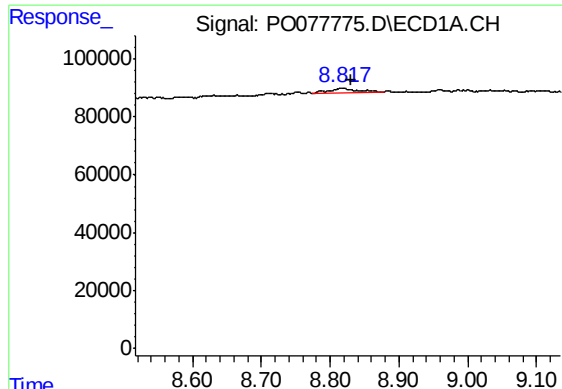
#39 AR-1262-4

R.T.: 8.818 min
Delta R.T.: -0.010 min
Response: 48851
Conc: 31.13 ng/ml



#39 AR-1262-4

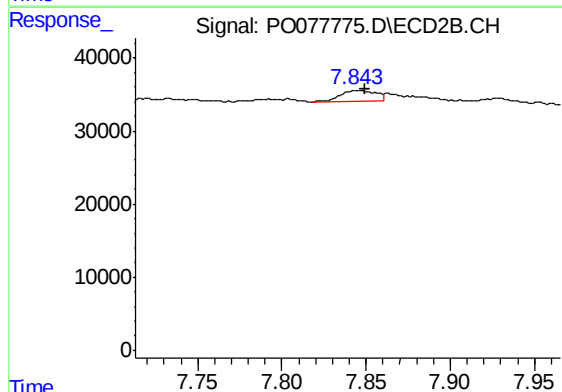
R.T.: 7.846 min
Delta R.T.: -0.001 min
Response: 22691
Conc: 9.10 ng/ml



#42 AR-1268-2

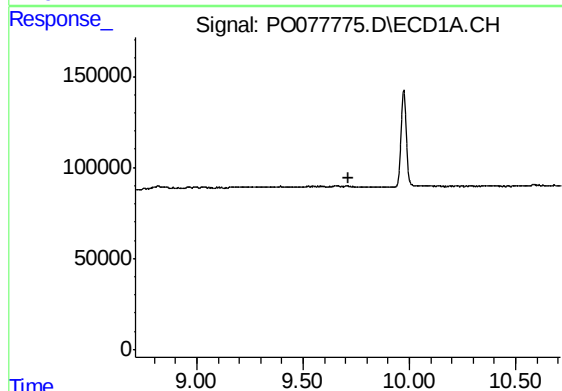
R.T.: 8.818 min
Delta R.T.: -0.012 min
Response: 48851
Conc: 8.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT2-2021



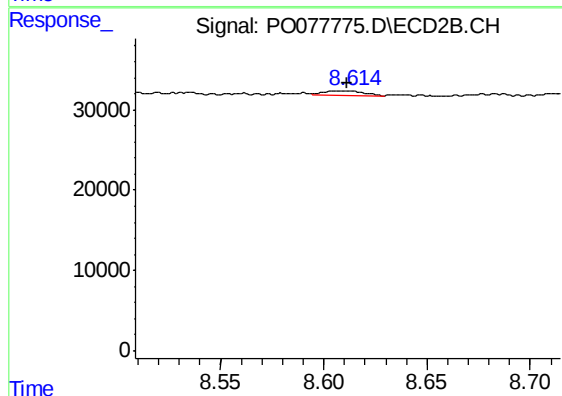
#42 AR-1268-2

R.T.: 7.846 min
Delta R.T.: -0.004 min
Response: 22691
Conc: 6.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.711 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 8180
Conc: 0.95 ng/ml