

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073021\
 Data File : PQ054211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 15:10
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 68 Sample Multiplier: 1

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

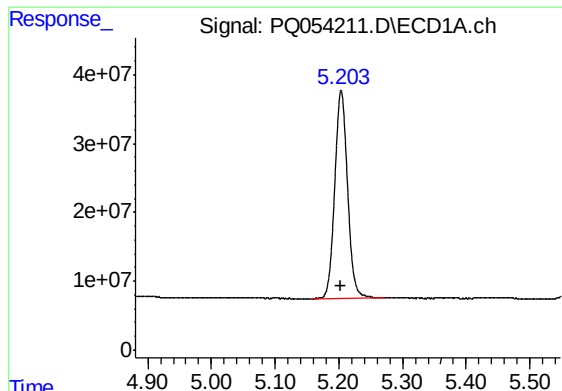
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 02:14:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.204	4.209	420.8E6	236.3E6	18.020	16.715
2)	SA Decachlor...	11.380	9.547	360.7E6	291.1E6	21.439	23.076
Target Compounds							
3)	L1 AR-1016-1	6.532	5.473	13045378	5108675	17.798	11.285 #
4)	L1 AR-1016-2	6.556	5.494	12668172	9232505	11.278	12.455
5)	L1 AR-1016-3	6.623	5.687	9304141	4902895	13.488	13.600
6)	L1 AR-1016-4	6.731	5.736	5889990	3428553	10.353	12.012
7)	L1 AR-1016-5	7.042	5.968	7338115	3720108	13.557	10.210
8)	L2 AR-1221-1	5.455	4.467	3207628	1675249	13.258	11.758
9)	L2 AR-1221-2	5.560	4.567	9950855	4595581	54.933	43.564
10)	L2 AR-1221-3	5.646	4.657	10624885	6751607	18.569	19.240
11)	L3 AR-1232-1	5.646	4.657	10624885	6751607	27.197	28.926
12)	L3 AR-1232-2	6.234	5.494	8121200	9232505	34.960	31.878
13)	L3 AR-1232-3	6.556	5.687	12668172	4902895	29.522	36.954 #
14)	L3 AR-1232-4	6.731	5.782	5889990	4220388	27.195	36.985 #
15)	L3 AR-1232-5	6.821	5.968	4431216	3720108	27.267	28.947
16)	L4 AR-1242-1	6.532	5.473	13045378	5108675	28.409	18.789 #
17)	L4 AR-1242-2	6.556	5.494	12668172	9232505	17.974	19.616
18)	L4 AR-1242-3	6.623	5.687	9304141	4902895	21.372	22.223
19)	L4 AR-1242-4	6.731	5.782	5889990	4220388	16.381	19.508
20)	L4 AR-1242-5	7.514	6.345	8728399	5719457	23.709	19.280
21)	L5 AR-1248-1	6.532	5.473	13045378	5108675	35.165	22.643 #
22)	L5 AR-1248-2	6.821	5.736	4431216	3428553	8.460	10.446
23)	L5 AR-1248-3	7.042	5.782	7338115	4220388	12.365	12.762
24)	L5 AR-1248-4	7.471	5.968	7888641	3720108	11.875	9.373
25)	L5 AR-1248-5	7.514	6.390	8728399	8285897	13.406	20.790 #
26)	L6 AR-1254-1	7.442	6.345	9534356	5719457	13.490	8.553 #
27)	L6 AR-1254-2	7.680	6.504	4370685	6888986	3.992	11.204 #
28)	L6 AR-1254-3	8.049	6.925	1240059	4316499	1.054	4.470 #
29)	L6 AR-1254-4	0.000	7.166	0	3701283	N.D.	5.554 #
30)	L6 AR-1254-5	0.000	7.564f	0	4371683	N.D.	4.482 #
31)	L7 AR-1260-1	0.000	7.068	0	3396524	N.D.	4.531 #
32)	L7 AR-1260-2	0.000	7.231f	0	3360233	N.D.	3.217 #
33)	L7 AR-1260-3	0.000	7.404	0	7519875	N.D.	8.641 #
35)	L7 AR-1260-5	0.000	8.148	0	469807	N.D.	0.274 #
36)	L8 AR-1262-1	0.000	7.564f	0	4371683	N.D.	9.673 #
37)	L8 AR-1262-2	0.000	8.148	0	469807	N.D.	0.249 #
43)	L9 AR-1268-3	0.000	8.703	0	1783926	N.D.	1.067 #
45)	L9 AR-1268-5	11.018	9.291	2468514	1336969	0.453	0.284 #

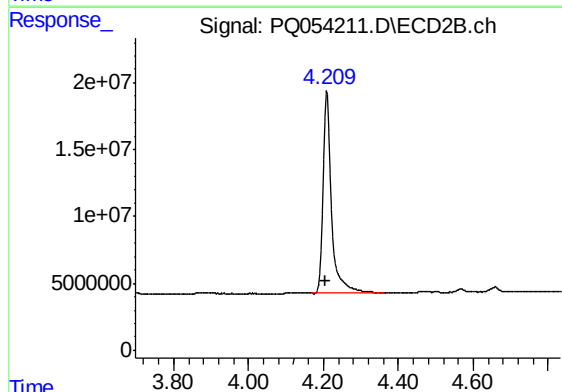
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

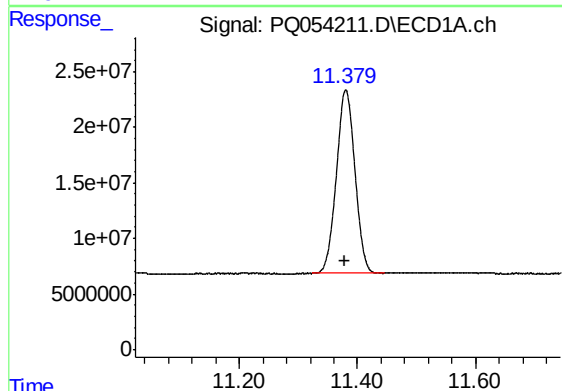
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 420804334
Conc: 18.02 ng/ml

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



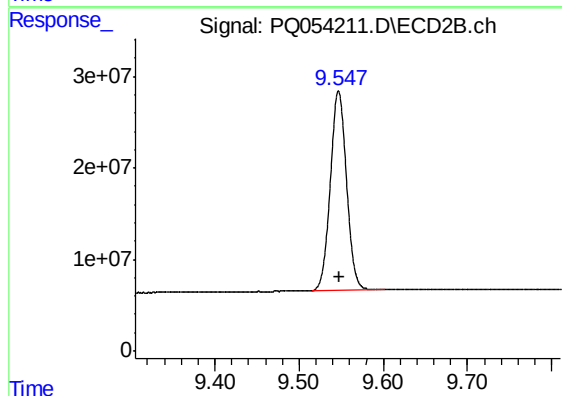
#1 Tetrachloro-m-xylene

R.T.: 4.209 min
Delta R.T.: 0.003 min
Response: 236307353
Conc: 16.72 ng/ml



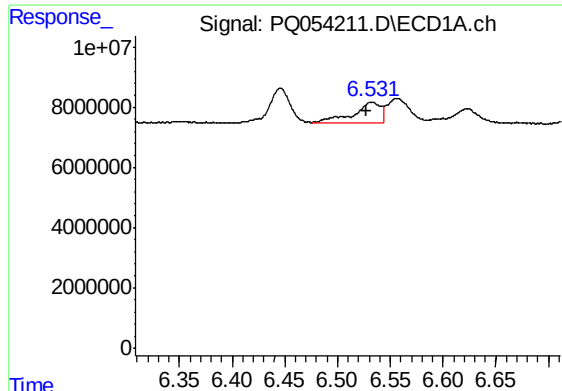
#2 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: 0.001 min
Response: 360737463
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

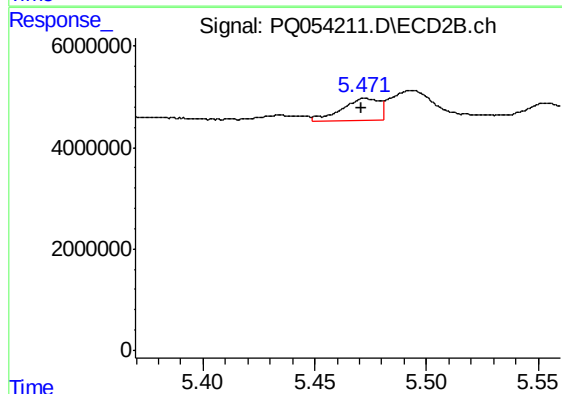
R.T.: 9.547 min
Delta R.T.: -0.001 min
Response: 291078532
Conc: 23.08 ng/ml



#3 AR-1016-1

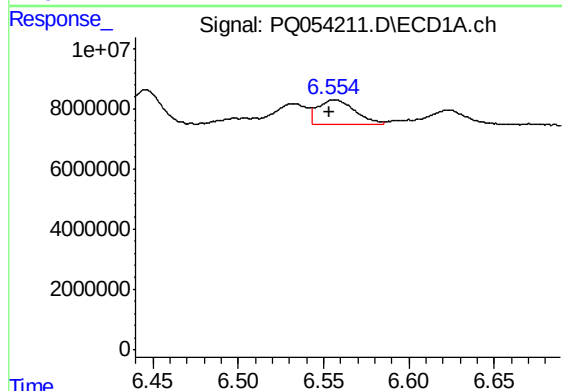
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 13045378
Conc: 17.80 ng/ml

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



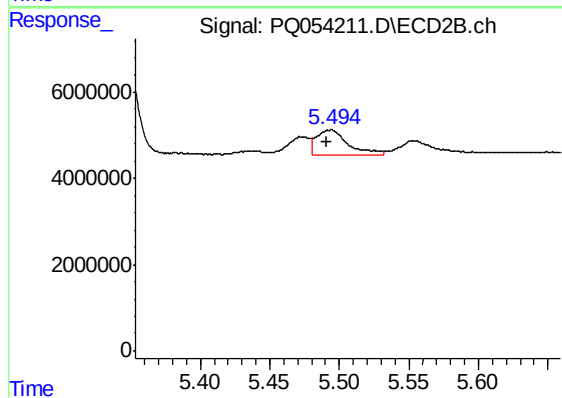
#3 AR-1016-1

R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 5108675
Conc: 11.29 ng/ml



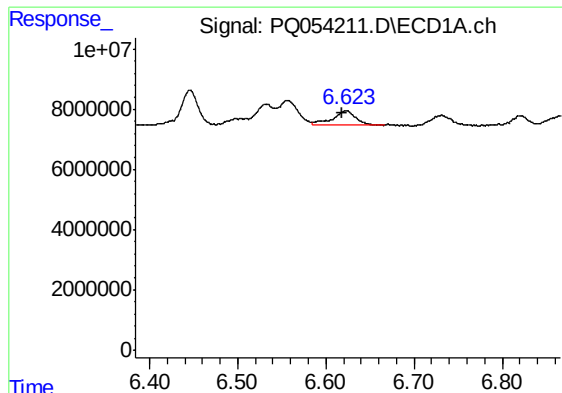
#4 AR-1016-2

R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 12668172
Conc: 11.28 ng/ml



#4 AR-1016-2

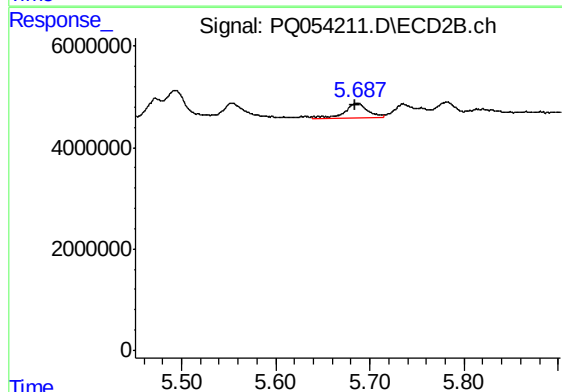
R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 9232505
Conc: 12.46 ng/ml



#5 AR-1016-3

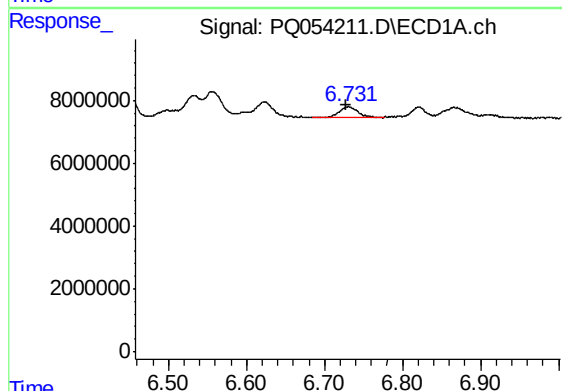
R.T.: 6.623 min
Delta R.T.: 0.004 min
Response: 9304141
Conc: 13.49 ng/ml

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



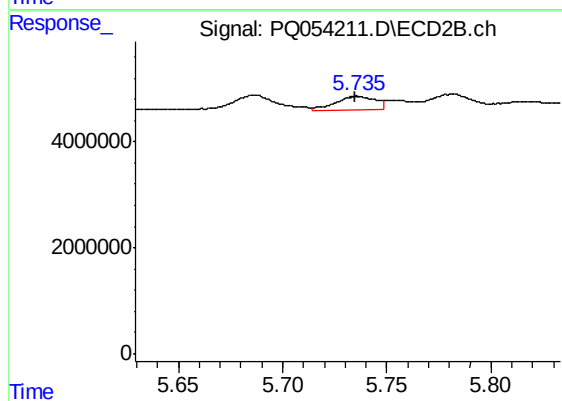
#5 AR-1016-3

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 4902895
Conc: 13.60 ng/ml



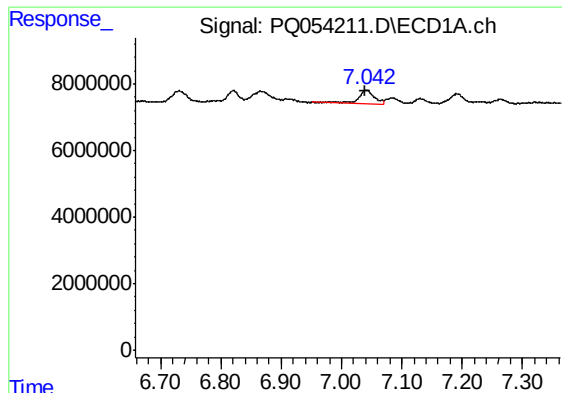
#6 AR-1016-4

R.T.: 6.731 min
Delta R.T.: 0.003 min
Response: 5889990
Conc: 10.35 ng/ml



#6 AR-1016-4

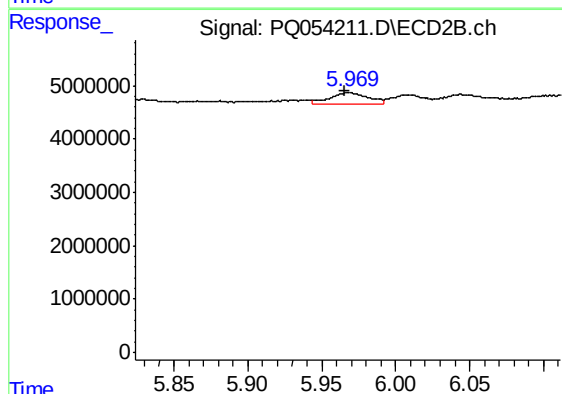
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 3428553
Conc: 12.01 ng/ml



#7 AR-1016-5

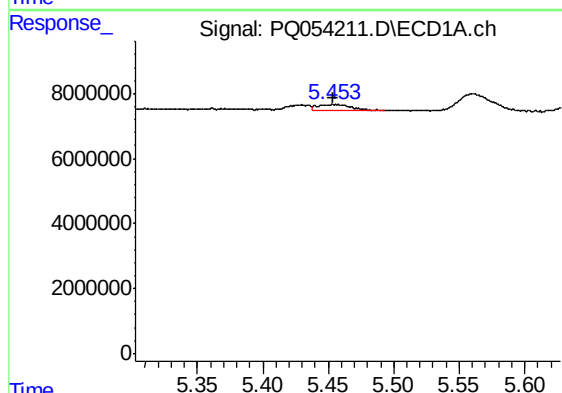
R.T.: 7.042 min
Delta R.T.: 0.001 min
Response: 7338115
Conc: 13.56 ng/ml

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



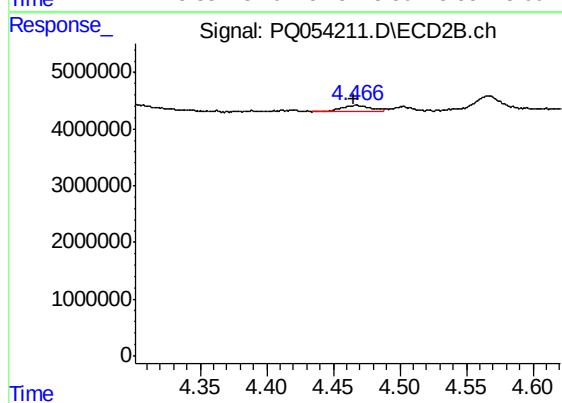
#7 AR-1016-5

R.T.: 5.968 min
Delta R.T.: 0.003 min
Response: 3720108
Conc: 10.21 ng/ml



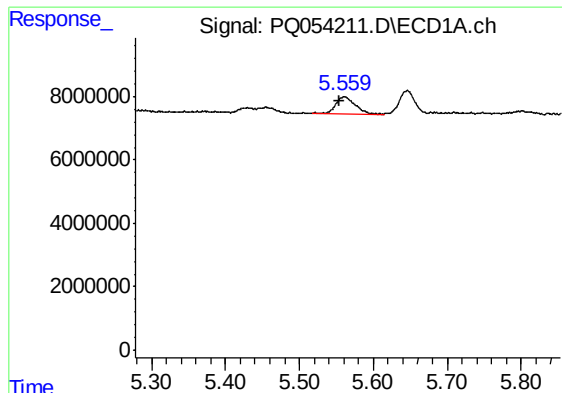
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.002 min
Response: 3207628
Conc: 13.26 ng/ml



#8 AR-1221-1

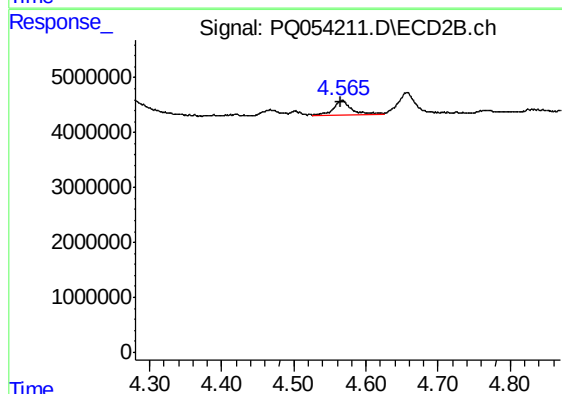
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 1675249
Conc: 11.76 ng/ml



#9 AR-1221-2

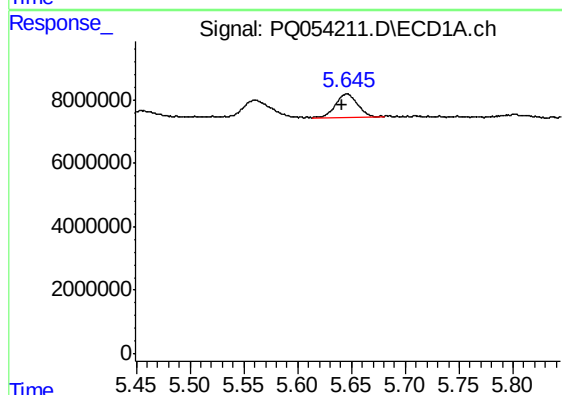
R.T.: 5.560 min
Delta R.T.: 0.006 min
Response: 9950855
Conc: 54.93 ng/ml

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



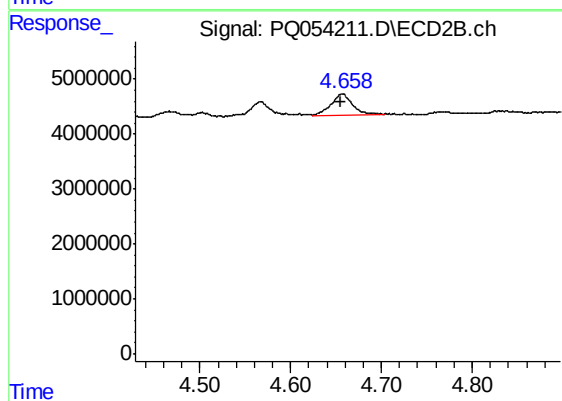
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 4595581
Conc: 43.56 ng/ml



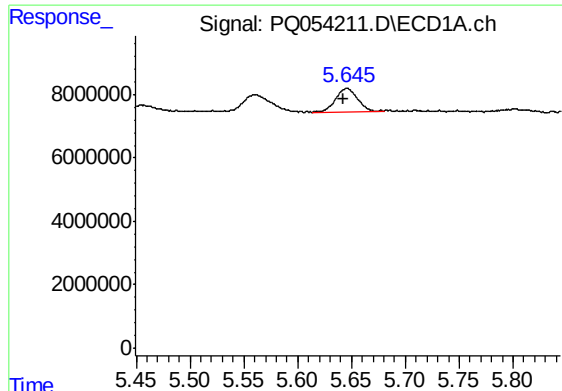
#10 AR-1221-3

R.T.: 5.646 min
Delta R.T.: 0.005 min
Response: 10624885
Conc: 18.57 ng/ml



#10 AR-1221-3

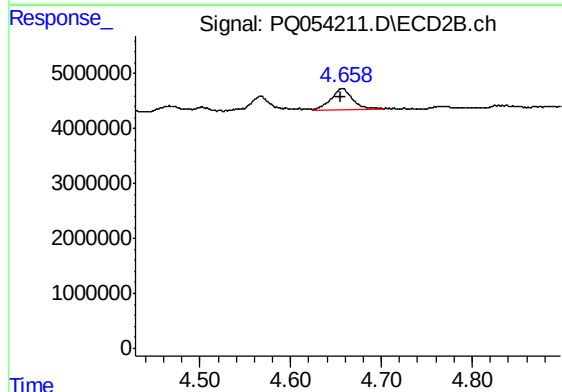
R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 6751607
Conc: 19.24 ng/ml



#11 AR-1232-1

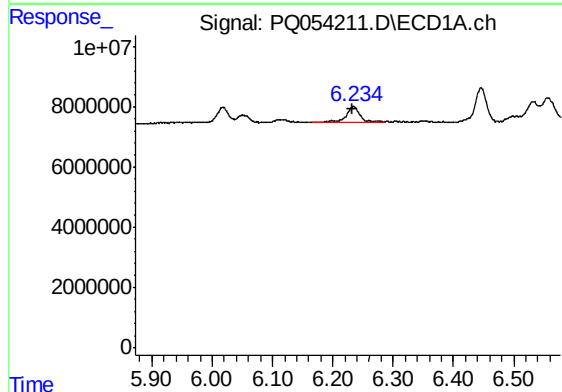
R.T.: 5.646 min
Delta R.T.: 0.004 min
Response: 10624885
Conc: 27.20 ng/ml

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



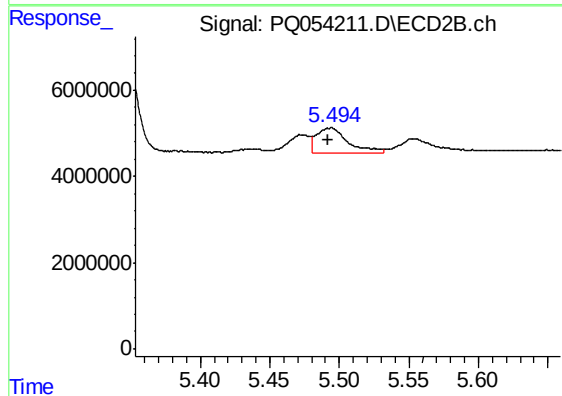
#11 AR-1232-1

R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 6751607
Conc: 28.93 ng/ml



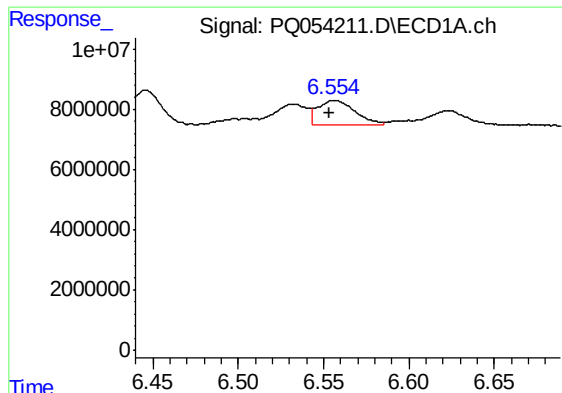
#12 AR-1232-2

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 8121200
Conc: 34.96 ng/ml



#12 AR-1232-2

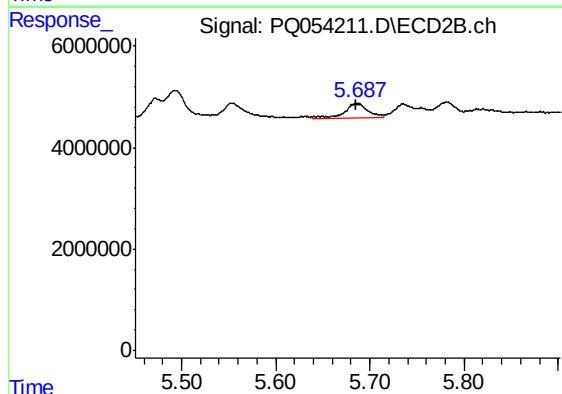
R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 9232505
Conc: 31.88 ng/ml



#13 AR-1232-3

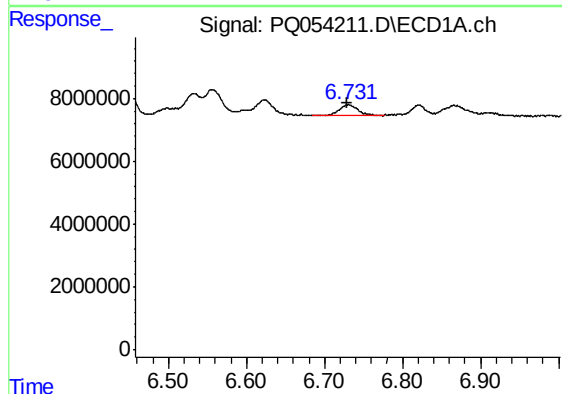
R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 12668172
Conc: 29.52 ng/ml

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



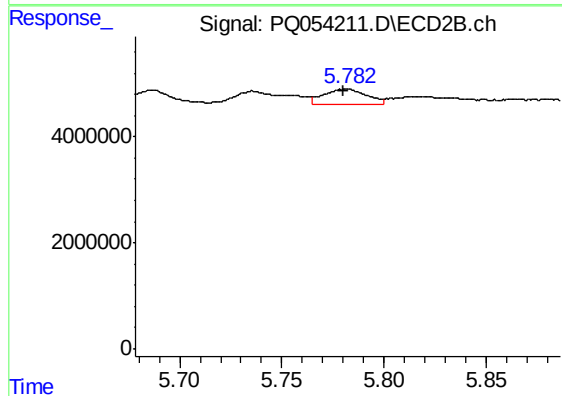
#13 AR-1232-3

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 4902895
Conc: 36.95 ng/ml



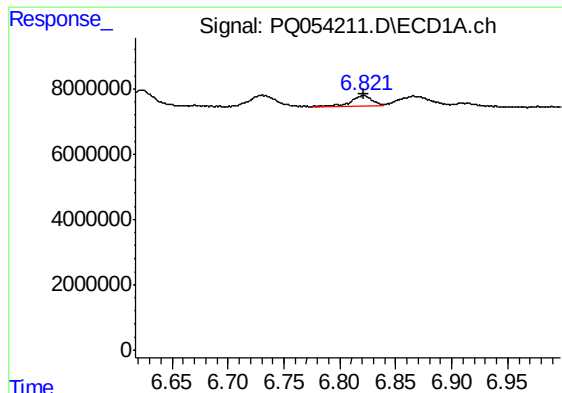
#14 AR-1232-4

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 5889990
Conc: 27.20 ng/ml



#14 AR-1232-4

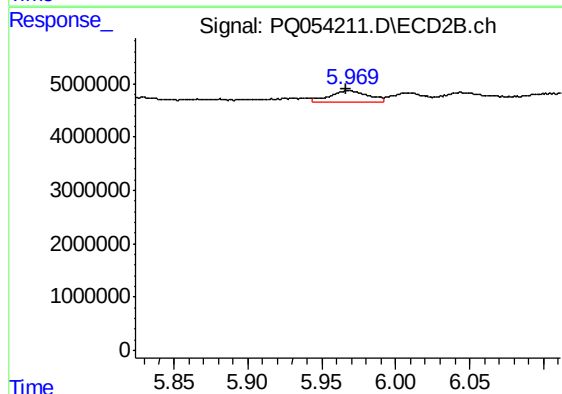
R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 4220388
Conc: 36.99 ng/ml



#15 AR-1232-5

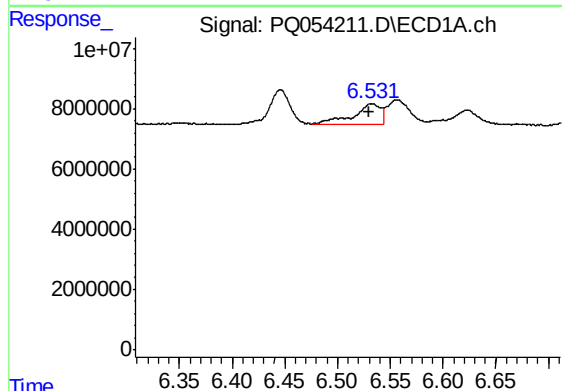
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 4431216
Conc: 27.27 ng/ml

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



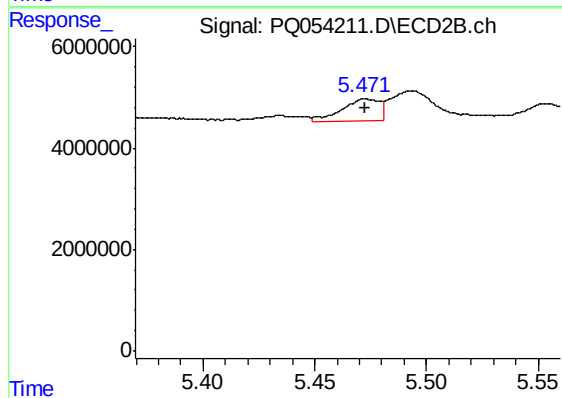
#15 AR-1232-5

R.T.: 5.968 min
Delta R.T.: 0.002 min
Response: 3720108
Conc: 28.95 ng/ml



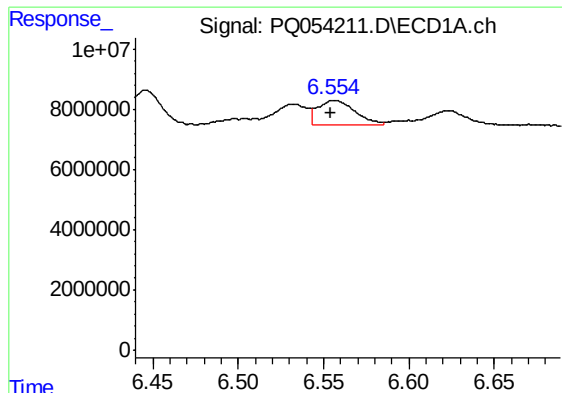
#16 AR-1242-1

R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 13045378
Conc: 28.41 ng/ml



#16 AR-1242-1

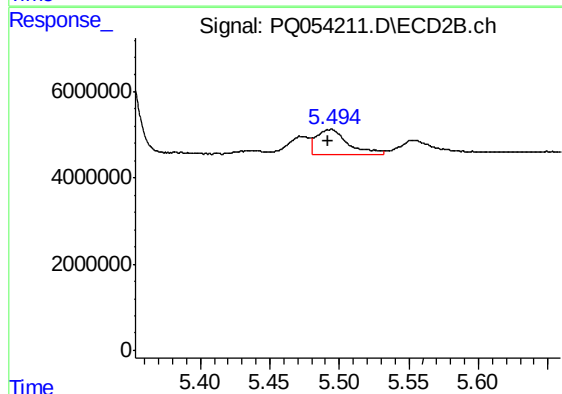
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 5108675
Conc: 18.79 ng/ml



#17 AR-1242-2

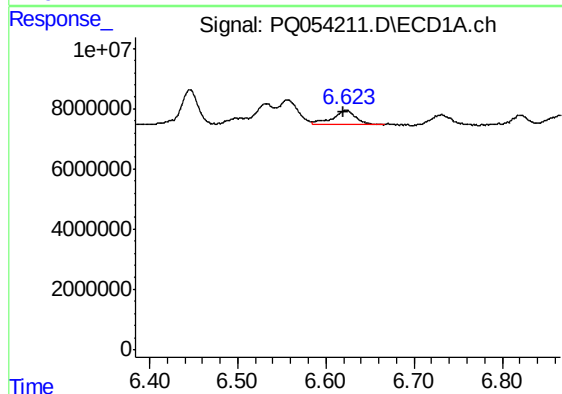
R.T.: 6.556 min
Delta R.T.: 0.002 min
Response: 12668172
Conc: 17.97 ng/ml

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



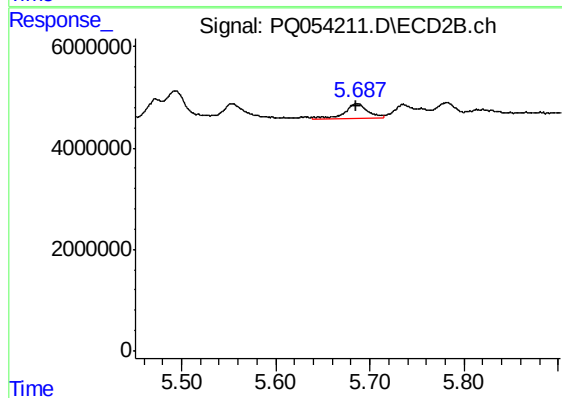
#17 AR-1242-2

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 9232505
Conc: 19.62 ng/ml



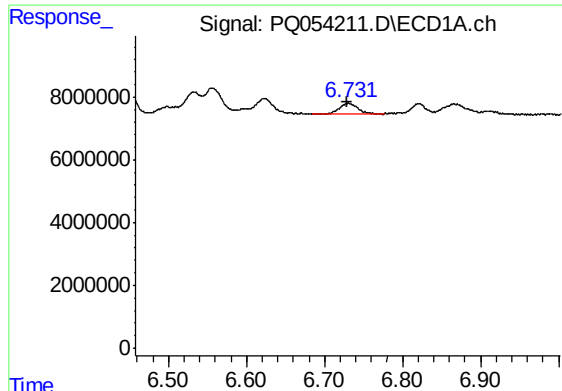
#18 AR-1242-3

R.T.: 6.623 min
Delta R.T.: 0.003 min
Response: 9304141
Conc: 21.37 ng/ml



#18 AR-1242-3

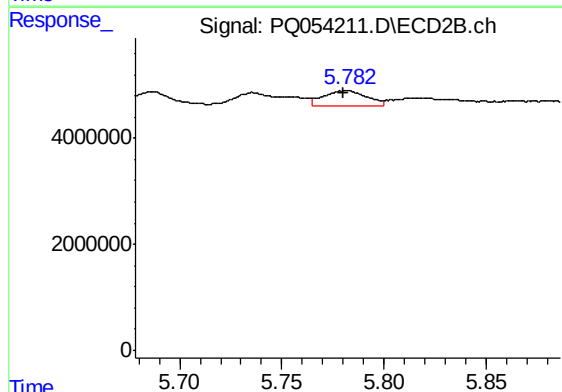
R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 4902895
Conc: 22.22 ng/ml



#19 AR-1242-4

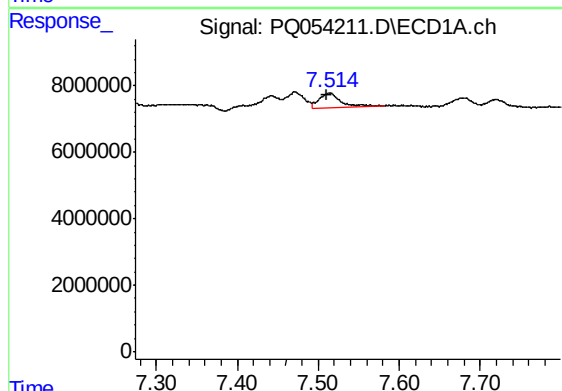
R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 5889990
Conc: 16.38 ng/ml

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



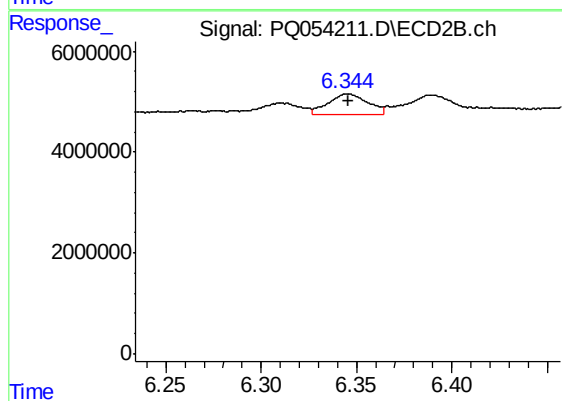
#19 AR-1242-4

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 4220388
Conc: 19.51 ng/ml



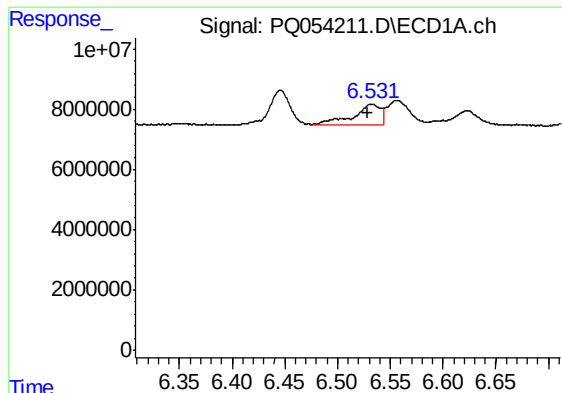
#20 AR-1242-5

R.T.: 7.514 min
Delta R.T.: 0.003 min
Response: 8728399
Conc: 23.71 ng/ml



#20 AR-1242-5

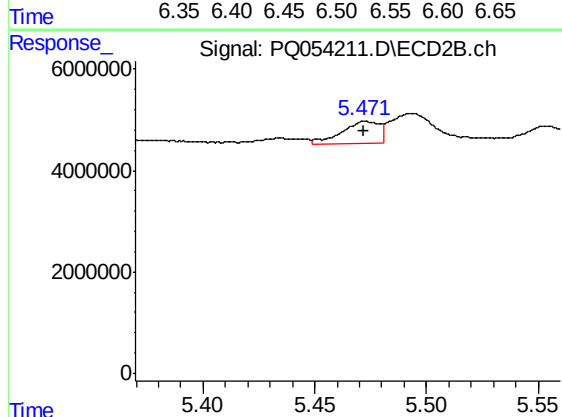
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 5719457
Conc: 19.28 ng/ml



#21 AR-1248-1

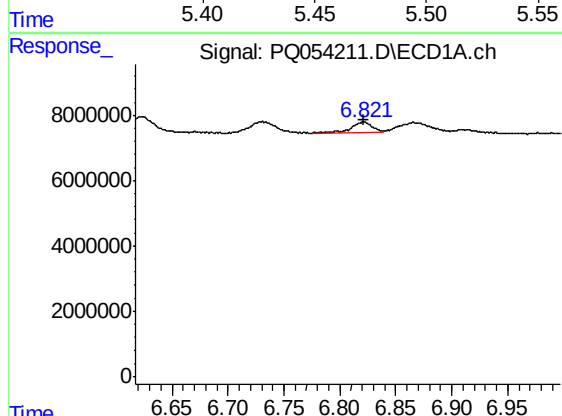
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 13045378
Conc: 35.17 ng/ml

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



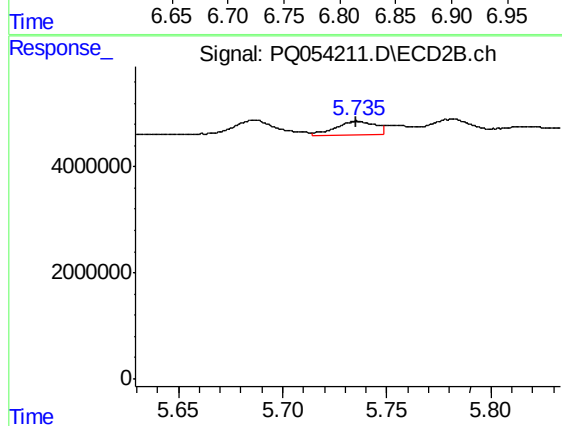
#21 AR-1248-1

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 5108675
Conc: 22.64 ng/ml



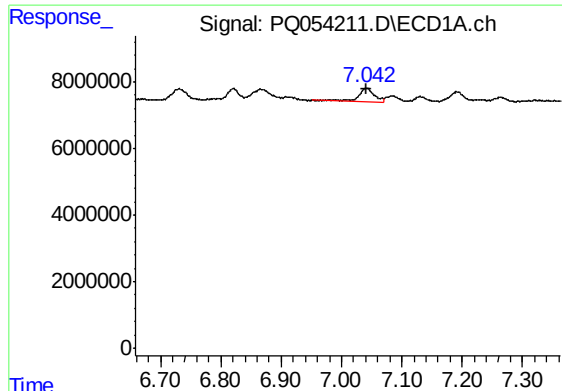
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 4431216
Conc: 8.46 ng/ml



#22 AR-1248-2

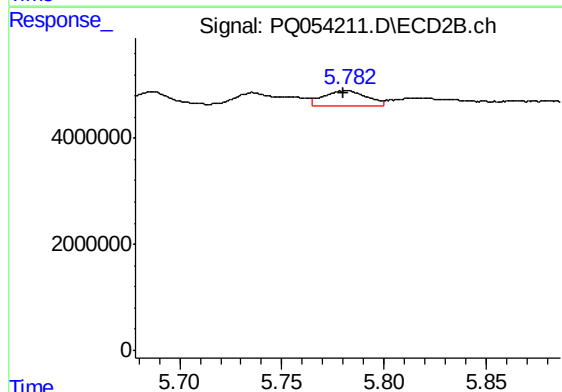
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 3428553
Conc: 10.45 ng/ml



#23 AR-1248-3

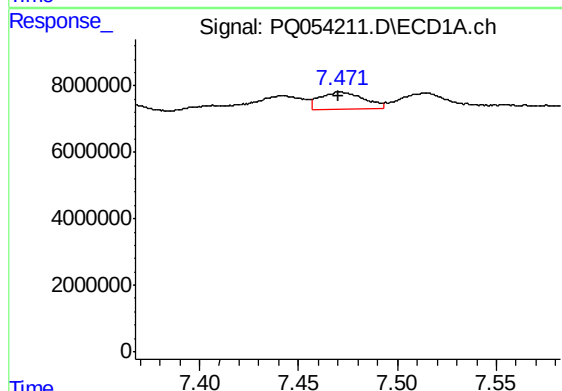
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 7338115
Conc: 12.36 ng/ml

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



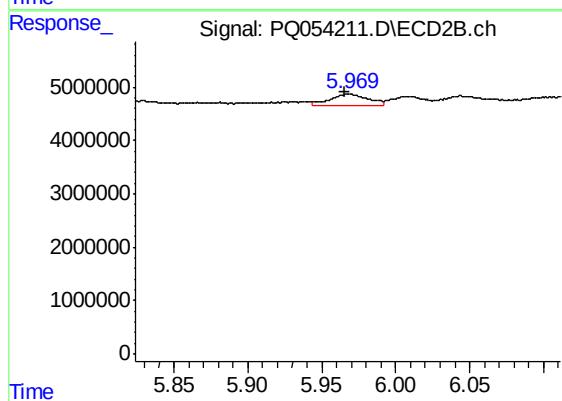
#23 AR-1248-3

R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 4220388
Conc: 12.76 ng/ml



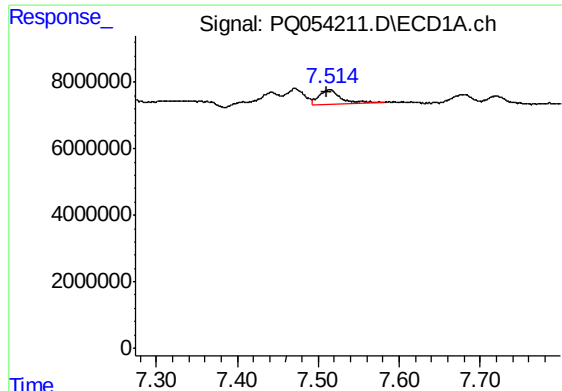
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 7888641
Conc: 11.88 ng/ml



#24 AR-1248-4

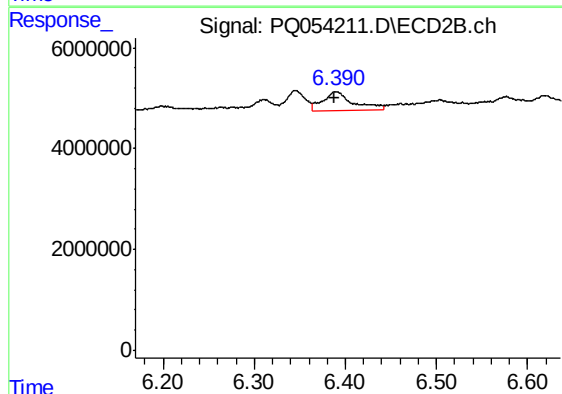
R.T.: 5.968 min
Delta R.T.: 0.003 min
Response: 3720108
Conc: 9.37 ng/ml



#25 AR-1248-5

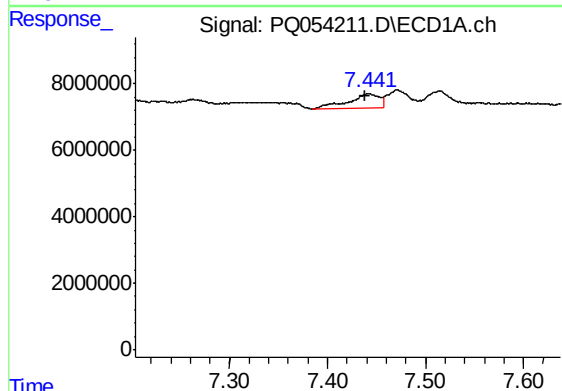
R.T.: 7.514 min
Delta R.T.: 0.004 min
Response: 8728399
Conc: 13.41 ng/ml

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



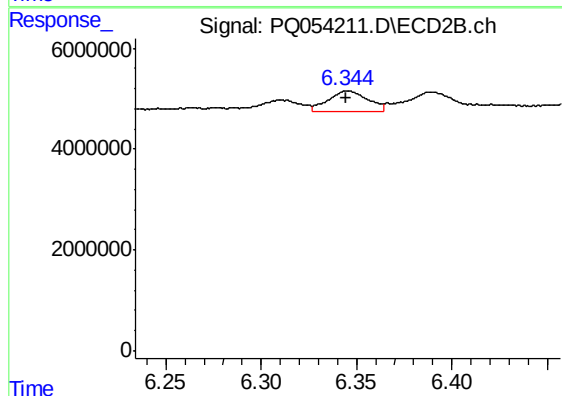
#25 AR-1248-5

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 8285897
Conc: 20.79 ng/ml



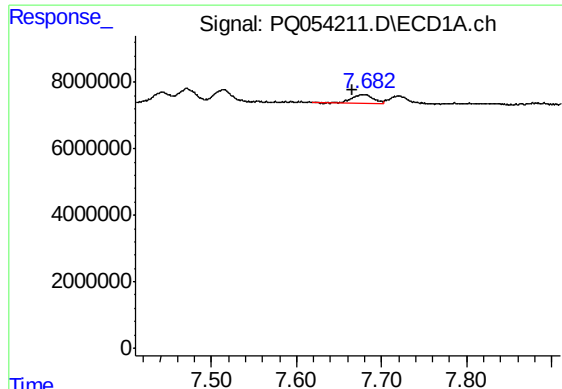
#26 AR-1254-1

R.T.: 7.442 min
Delta R.T.: 0.003 min
Response: 9534356
Conc: 13.49 ng/ml



#26 AR-1254-1

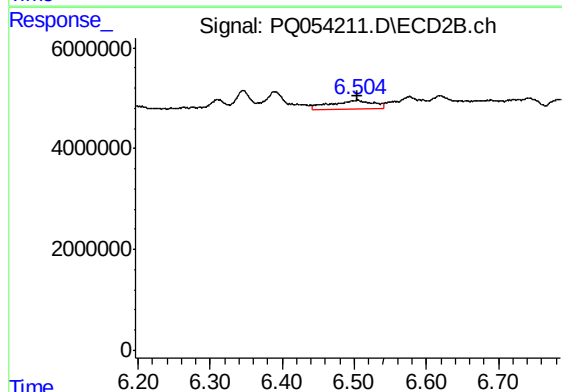
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 5719457
Conc: 8.55 ng/ml



#27 AR-1254-2

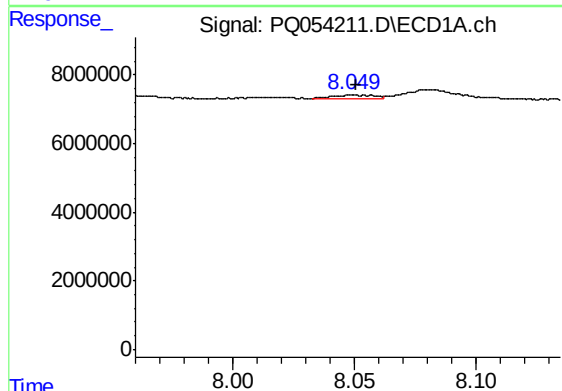
R.T.: 7.680 min
Delta R.T.: 0.014 min
Response: 4370685
Conc: 3.99 ng/ml

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



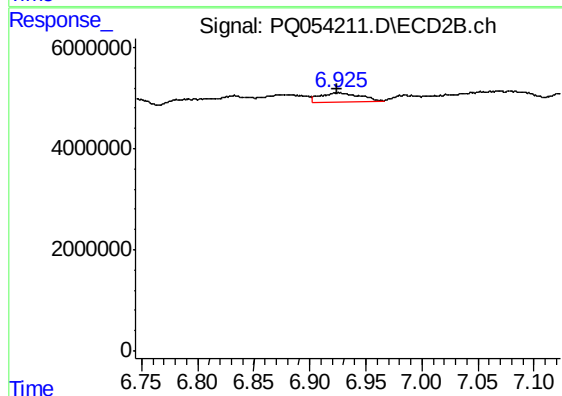
#27 AR-1254-2

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 6888986
Conc: 11.20 ng/ml



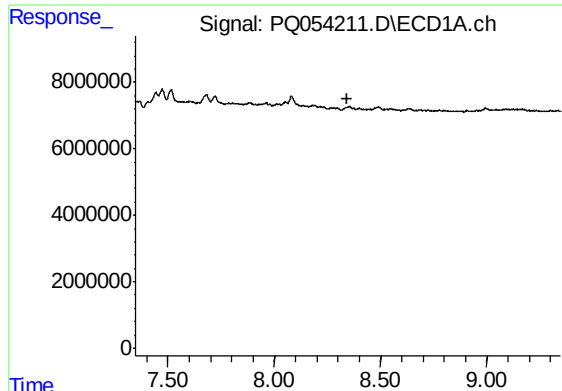
#28 AR-1254-3

R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 1240059
Conc: 1.05 ng/ml



#28 AR-1254-3

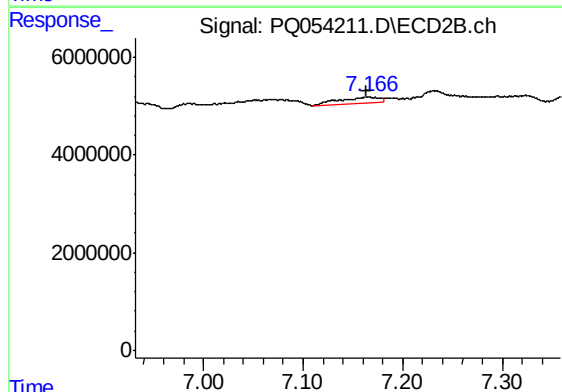
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 4316499
Conc: 4.47 ng/ml



#29 AR-1254-4

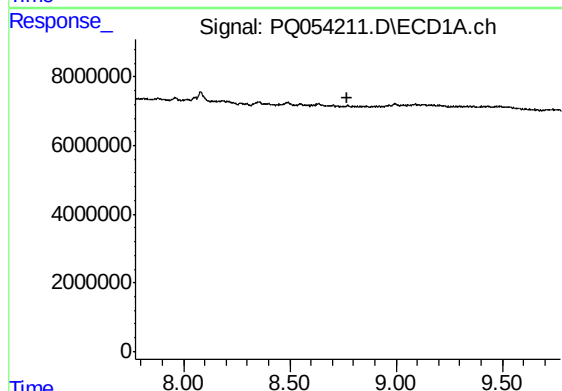
R.T.: 0.000 min
Exp R.T. : 8.346 min
Response: 0
Conc: N.D.

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



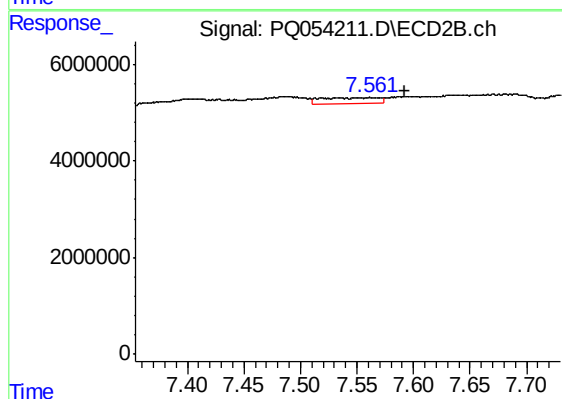
#29 AR-1254-4

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 3701283
Conc: 5.55 ng/ml



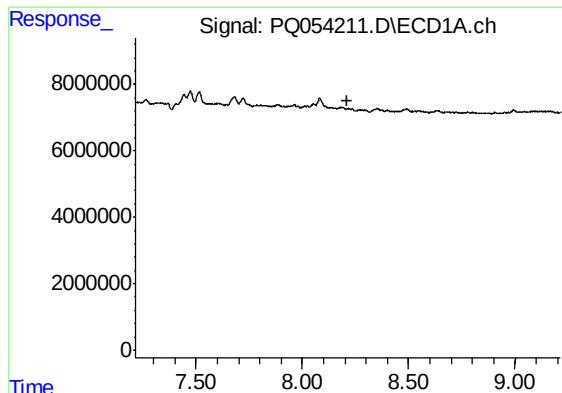
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#30 AR-1254-5

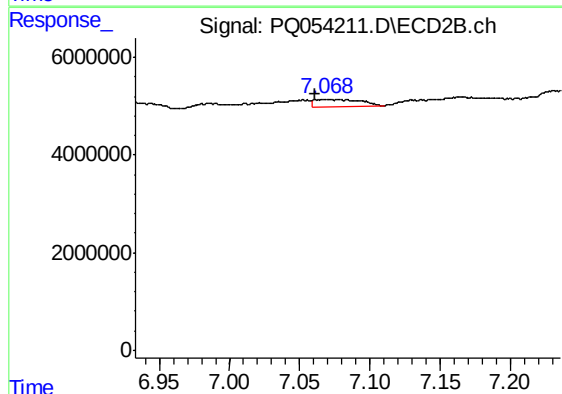
R.T.: 7.564 min
Delta R.T.: -0.028 min
Response: 4371683
Conc: 4.48 ng/ml



#31 AR-1260-1

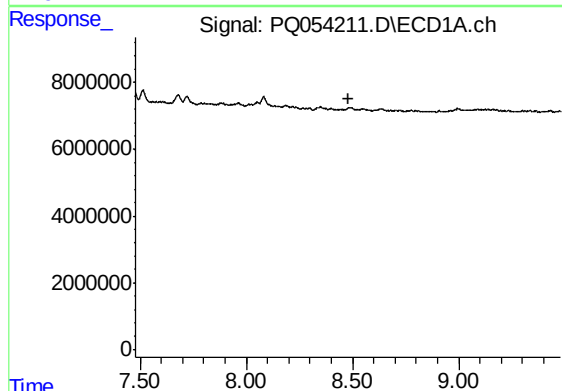
R.T.: 0.000 min
Exp R.T. : 8.214 min
Response: 0
Conc: N.D.

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



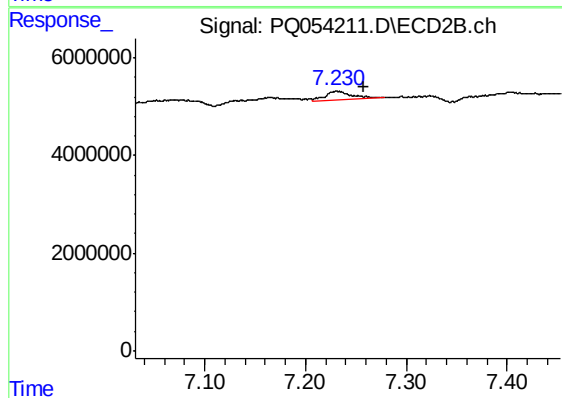
#31 AR-1260-1

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 3396524
Conc: 4.53 ng/ml



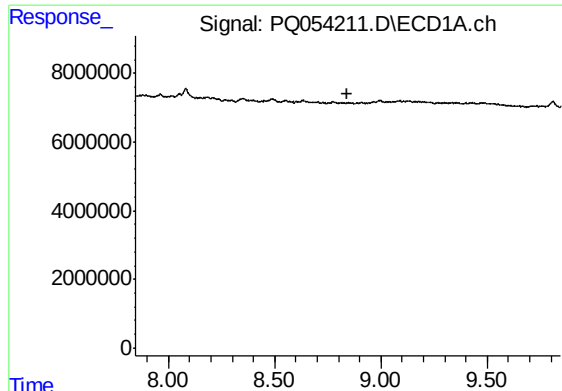
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.478 min
Response: 0
Conc: N.D.



#32 AR-1260-2

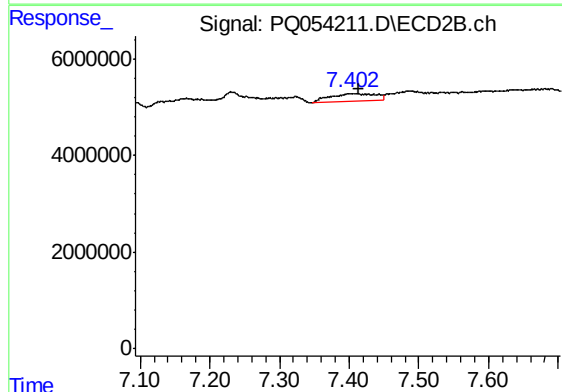
R.T.: 7.231 min
Delta R.T.: -0.026 min
Response: 3360233
Conc: 3.22 ng/ml



#33 AR-1260-3

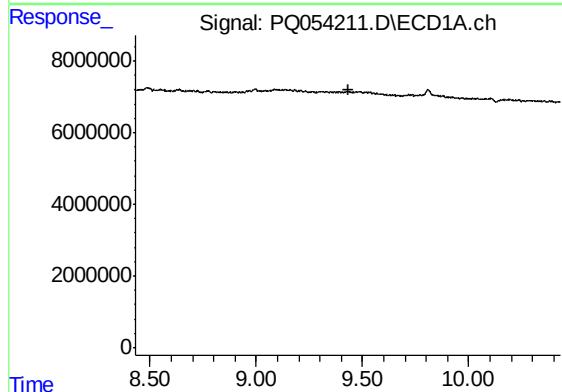
R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.

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



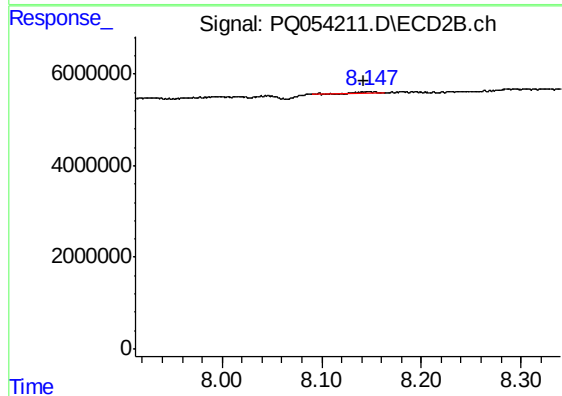
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.009 min
Response: 7519875
Conc: 8.64 ng/ml



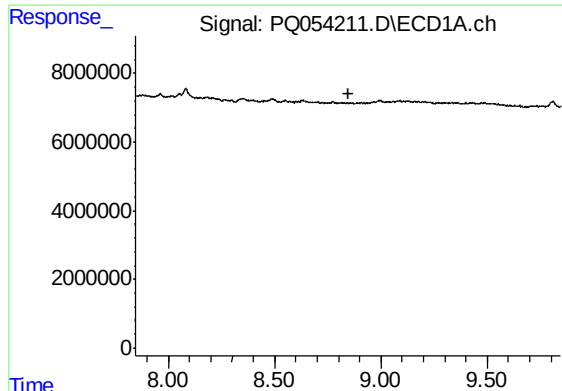
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.431 min
Response: 0
Conc: N.D.



#35 AR-1260-5

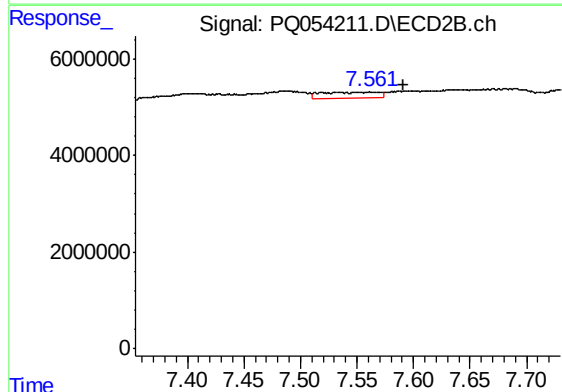
R.T.: 8.148 min
Delta R.T.: 0.005 min
Response: 469807
Conc: 0.27 ng/ml



#36 AR-1262-1

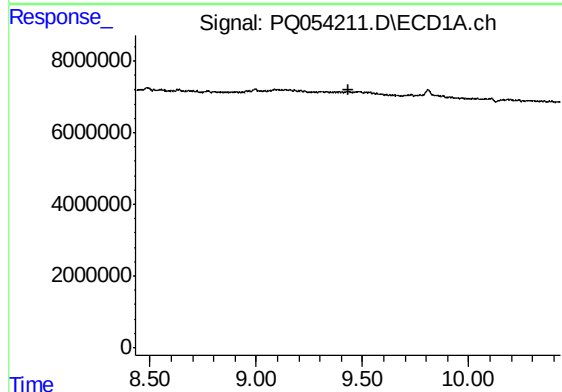
R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.

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



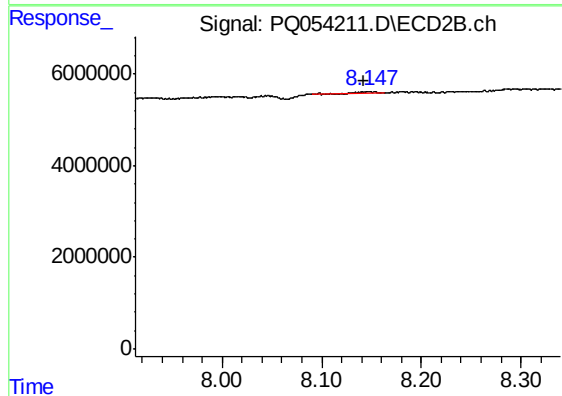
#36 AR-1262-1

R.T.: 7.564 min
Delta R.T.: -0.027 min
Response: 4371683
Conc: 9.67 ng/ml



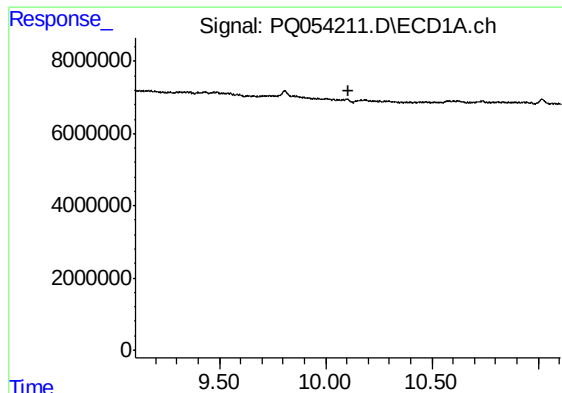
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.432 min
Response: 0
Conc: N.D.



#37 AR-1262-2

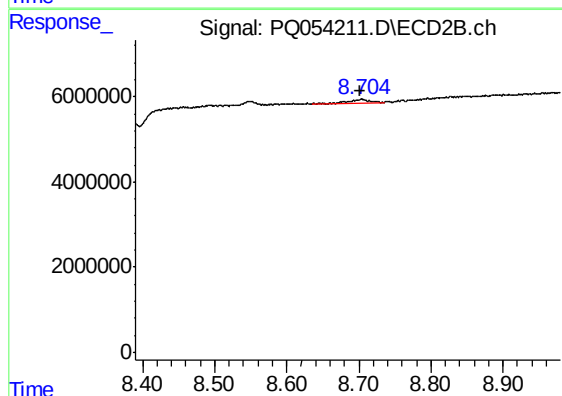
R.T.: 8.148 min
Delta R.T.: 0.006 min
Response: 469807
Conc: 0.25 ng/ml



#43 AR-1268-3

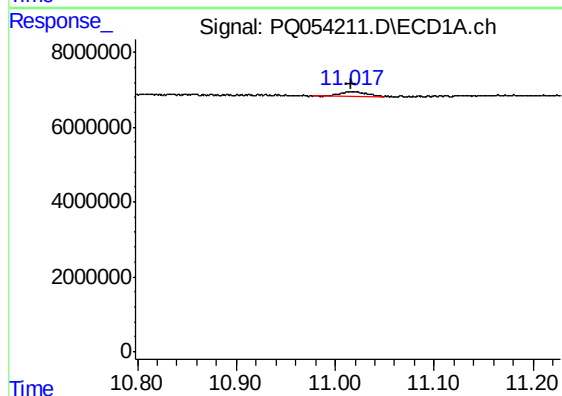
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

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



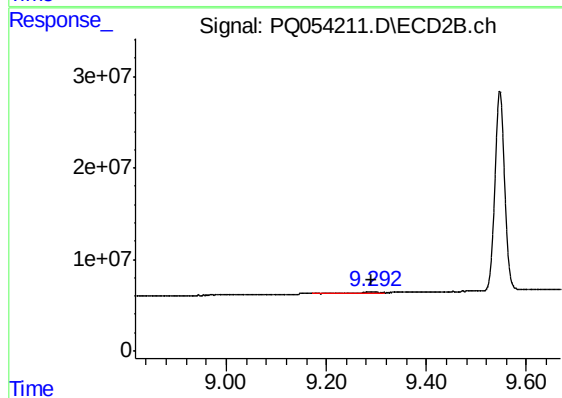
#43 AR-1268-3

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 1783926
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.002 min
Response: 2468514
Conc: 0.45 ng/ml



#45 AR-1268-5

R.T.: 9.291 min
Delta R.T.: 0.001 min
Response: 1336969
Conc: 0.28 ng/ml