

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073021\
 Data File : PQ054212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 15:27
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 69 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 02:15:29 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	4.208	451.6E6	253.6E6	19.338	17.937
2)	SA Decachlor...	11.379	9.546	364.6E6	297.0E6	21.670	23.545
Target Compounds							
3)	L1 AR-1016-1	6.532	5.473	17994323	8480003	24.549	18.732
4)	L1 AR-1016-2	6.557	5.493	21601908	15131110	19.231	20.413
5)	L1 AR-1016-3	6.621	5.685	14226556	6791737	20.624	18.839
6)	L1 AR-1016-4	6.730	5.735	10004639	6534269	17.586	22.894 #
7)	L1 AR-1016-5	7.041	5.966	10674357	6858547	19.720	18.824
8)	L2 AR-1221-1	5.429f	4.462	2524678	633208	10.435	4.444 #
9)	L2 AR-1221-2	5.561	4.565	8865193	3228912	48.940	30.608 #
10)	L2 AR-1221-3	5.645	4.655	7746830	4272143	13.539	12.174
11)	L3 AR-1232-1	5.645	4.655	7746830	4272143	19.830	18.303
12)	L3 AR-1232-2	6.233	5.493	12471877	15131110	53.688	52.244
13)	L3 AR-1232-3	6.557	5.685	21601908	6791737	50.342	51.191
14)	L3 AR-1232-4	6.730	5.780	10004639	6428890	46.193	56.340
15)	L3 AR-1232-5	6.821	5.966	9363814	6858547	57.618	53.369
16)	L4 AR-1242-1	6.532	5.473	17994323	8480003	39.186	31.188
17)	L4 AR-1242-2	6.557	5.493	21601908	15131110	30.650	32.148
18)	L4 AR-1242-3	6.621	5.685	14226556	6791737	32.678	30.785
19)	L4 AR-1242-4	6.730	5.780	10004639	6428890	27.824	29.717
20)	L4 AR-1242-5	7.513	6.346	11242576	9952742	30.539	33.550
21)	L5 AR-1248-1	6.532	5.473	17994323	8480003	48.506	37.586
22)	L5 AR-1248-2	6.821	5.735	9363814	6534269	17.877	19.909
23)	L5 AR-1248-3	7.041	5.780	10674357	6428890	17.986	19.441
24)	L5 AR-1248-4	7.472	5.966	10740009	6858547	16.168	17.281
25)	L5 AR-1248-5	7.513	6.389	11242576	8693375	17.267	21.812 #
26)	L6 AR-1254-1	7.440	6.346	10168792	9952742	14.388	14.883
27)	L6 AR-1254-2	7.676	6.504	9883020	5651036	9.026	9.191
28)	L6 AR-1254-3	8.050	6.925	3288348	6103346	2.796	6.321 #
29)	L6 AR-1254-4	8.347	7.164	3948865	6634835	4.481	9.956 #
30)	L6 AR-1254-5	8.773	7.594	1642184	5760596	1.683	5.906 #
31)	L7 AR-1260-1	0.000	7.072	0	5940209	N.D.	7.925 #
32)	L7 AR-1260-2	0.000	7.259	0	1262303	N.D.	1.208 #
33)	L7 AR-1260-3	0.000	7.410	0	6313631	N.D.	7.255 #
34)	L7 AR-1260-4	0.000	7.896	0	2598585	N.D.	4.174 #
35)	L7 AR-1260-5	0.000	8.144	0	954160	N.D.	0.557 #
36)	L8 AR-1262-1	0.000	7.594	0	5760596	N.D.	12.747 #
37)	L8 AR-1262-2	0.000	8.144	0	954160	N.D.	0.507 #
43)	L9 AR-1268-3	0.000	8.700	0	366360	N.D.	0.219 #
45)	L9 AR-1268-5	11.018	9.290	3258185	1684598	0.597	0.358 #

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

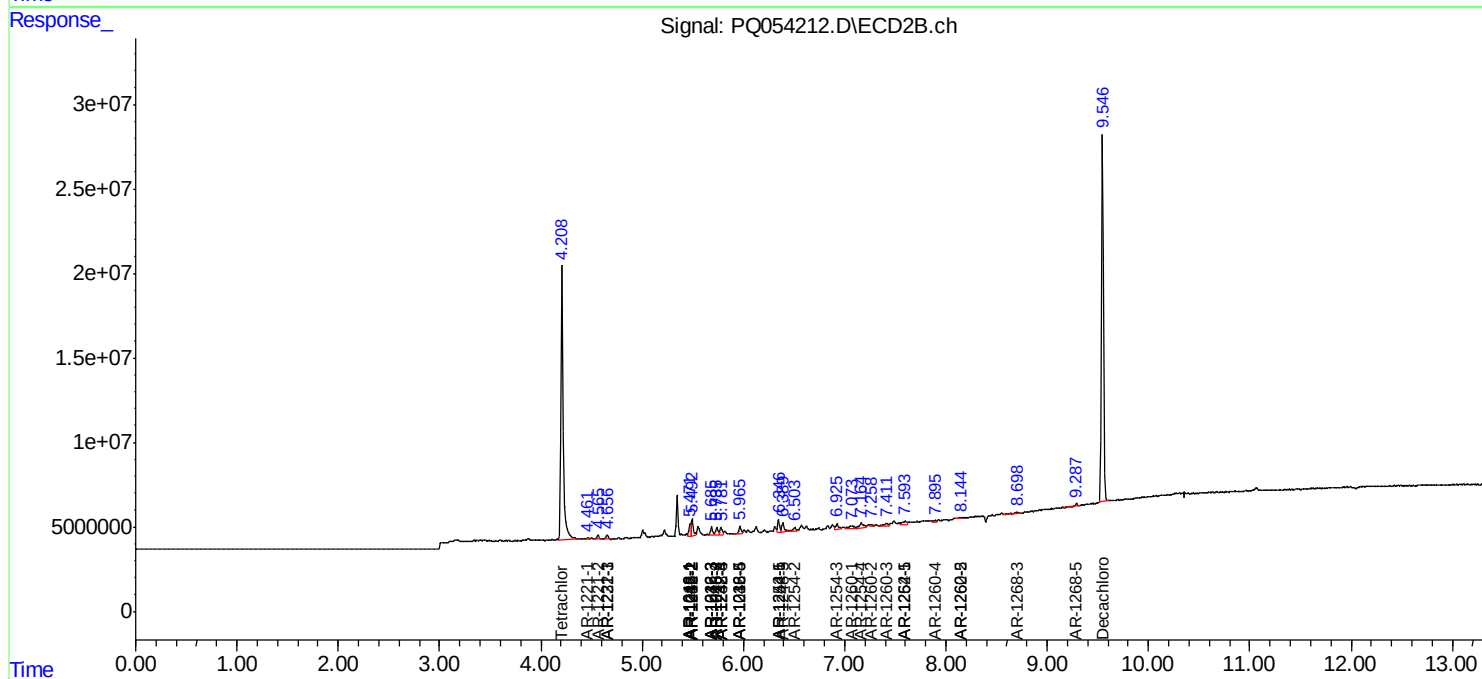
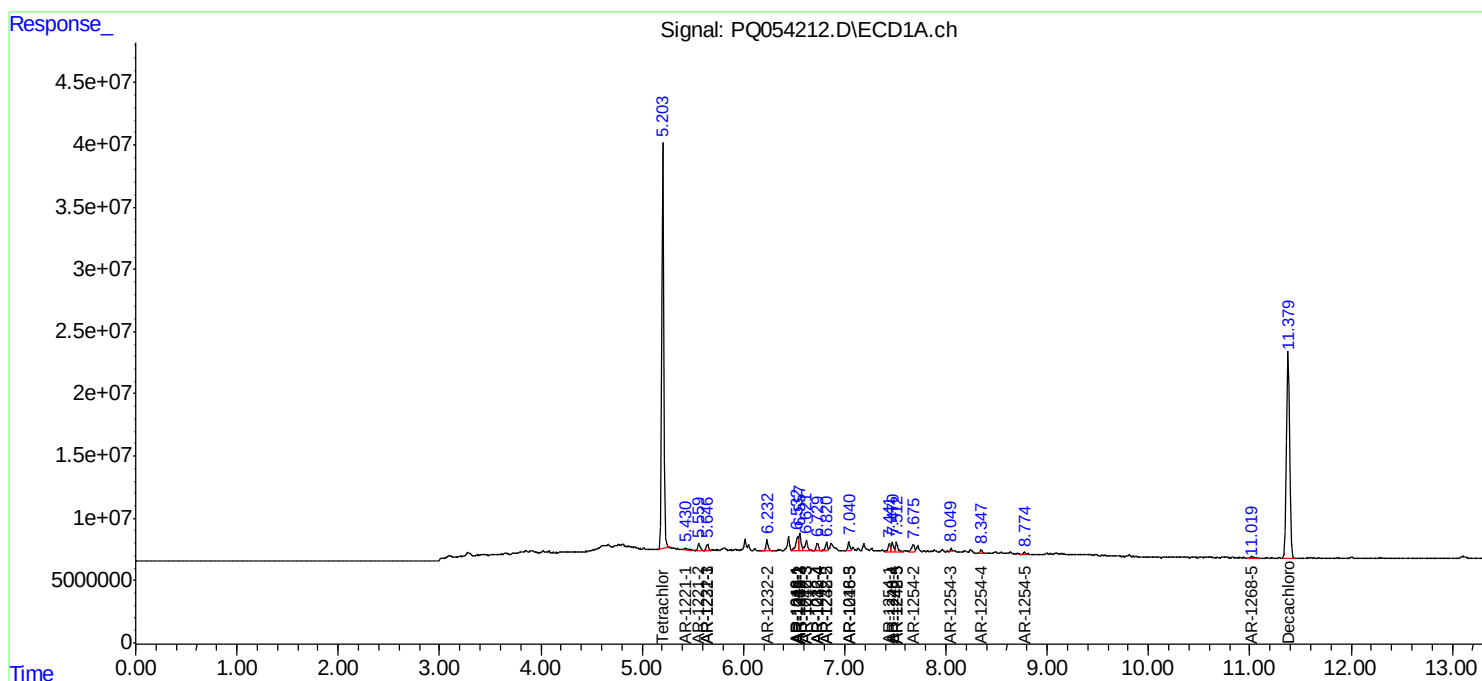
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

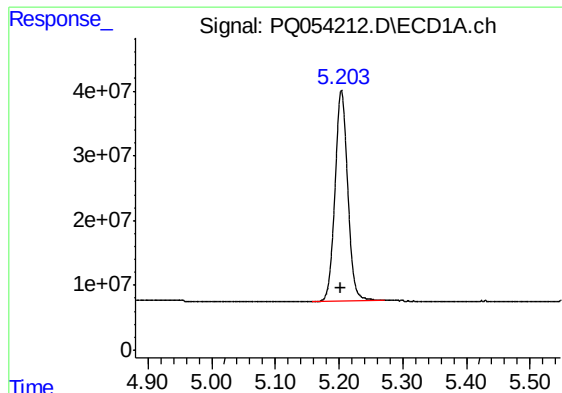
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073021\
Data File : PQ054212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 15:27
Operator : AJ\MA
Sample : M2940-07
Misc : AR1242 MDL 25 PPB
ALS Vial : 69 Sample Multiplier: 1

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 02:15:29 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

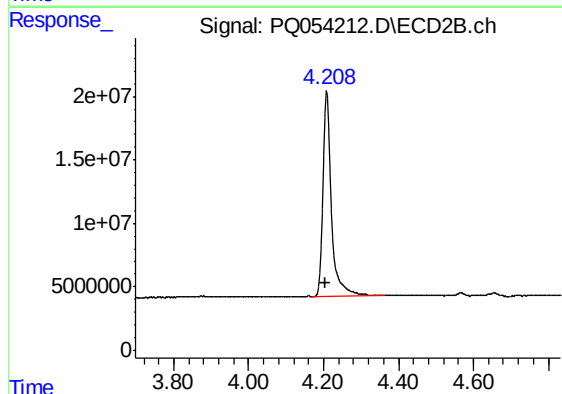




#1 Tetrachloro-m-xylene

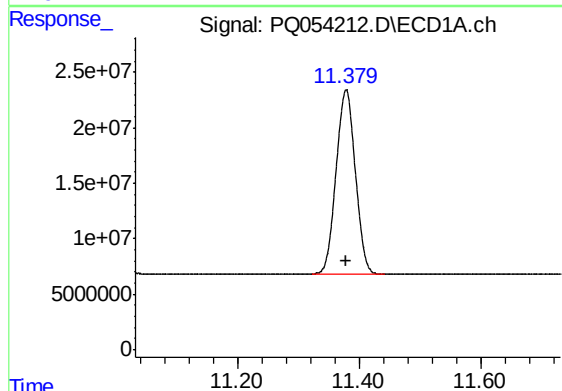
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 451593704
Conc: 19.34 ng/ml

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



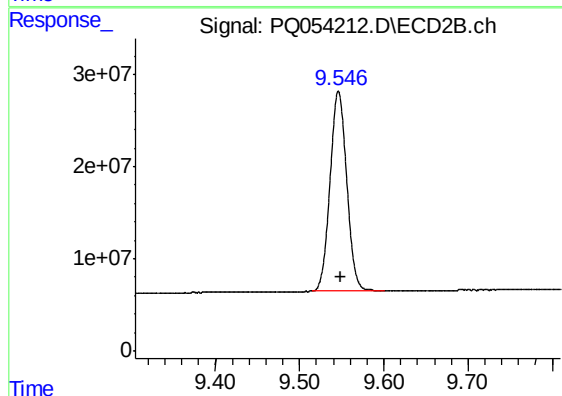
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 253580536
Conc: 17.94 ng/ml



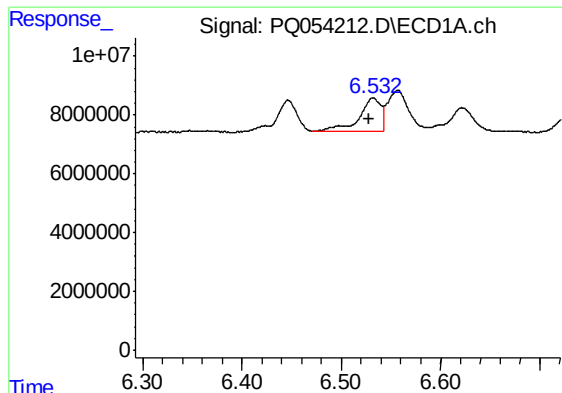
#2 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 364616278
Conc: 21.67 ng/ml



#2 Decachlorobiphenyl

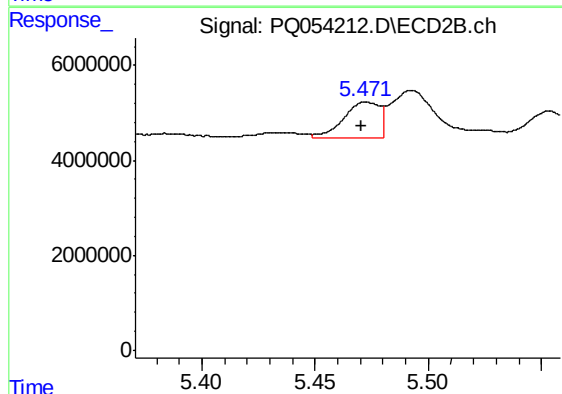
R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 296997491
Conc: 23.55 ng/ml



#3 AR-1016-1

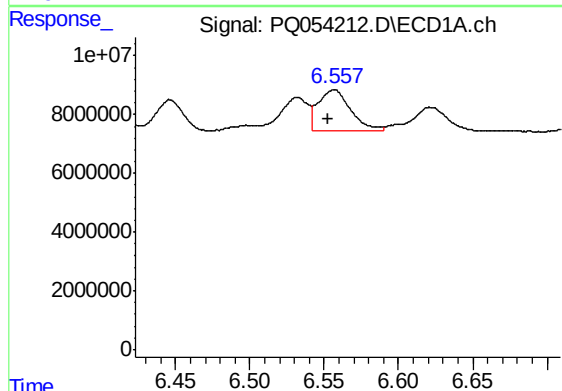
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 17994323
Conc: 24.55 ng/ml

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



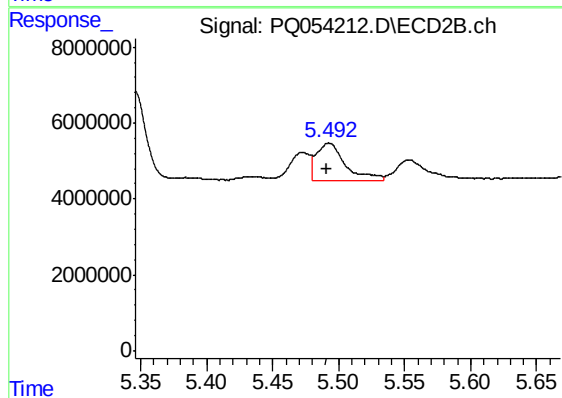
#3 AR-1016-1

R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 8480003
Conc: 18.73 ng/ml



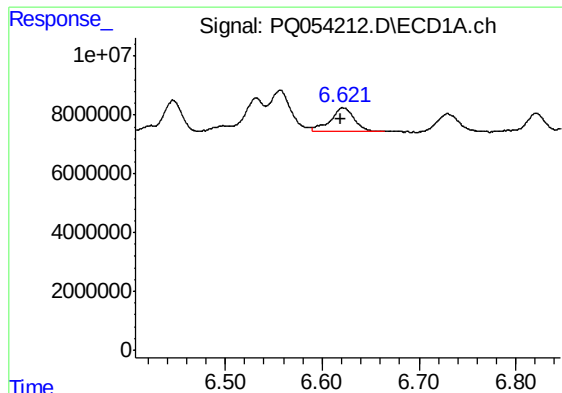
#4 AR-1016-2

R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 21601908
Conc: 19.23 ng/ml



#4 AR-1016-2

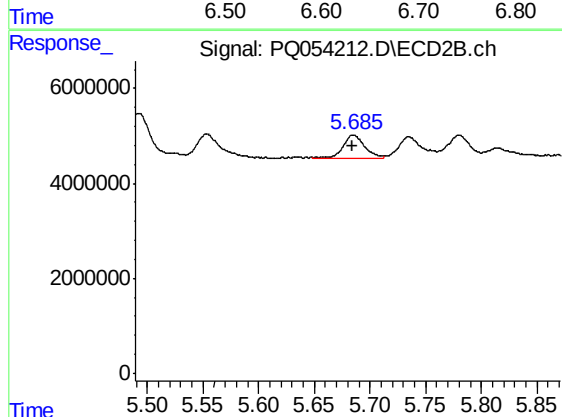
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 15131110
Conc: 20.41 ng/ml



#5 AR-1016-3

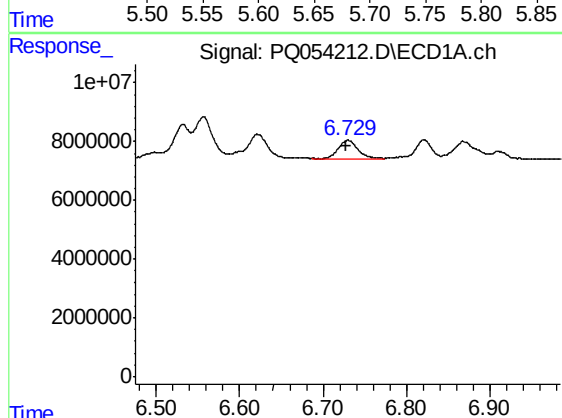
R.T.: 6.621 min
Delta R.T.: 0.002 min
Response: 14226556
Conc: 20.62 ng/ml

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



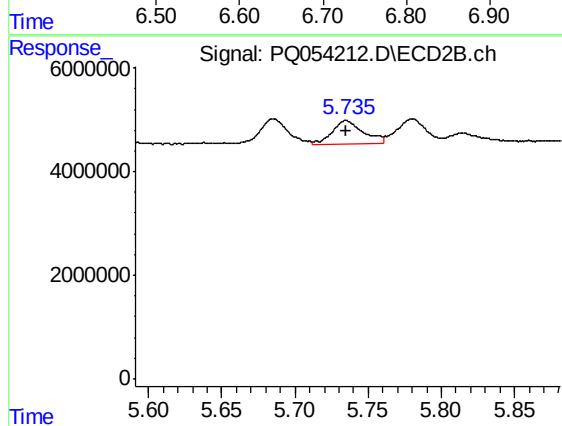
#5 AR-1016-3

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 6791737
Conc: 18.84 ng/ml



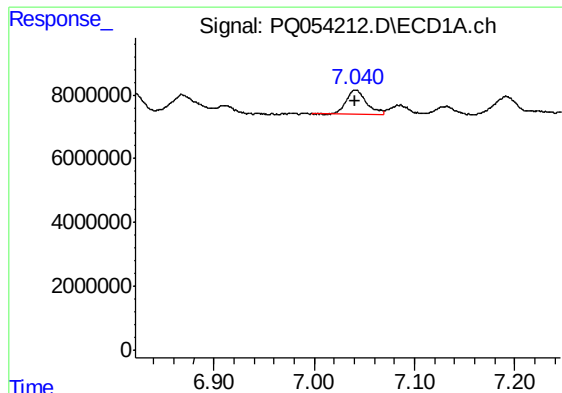
#6 AR-1016-4

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 10004639
Conc: 17.59 ng/ml



#6 AR-1016-4

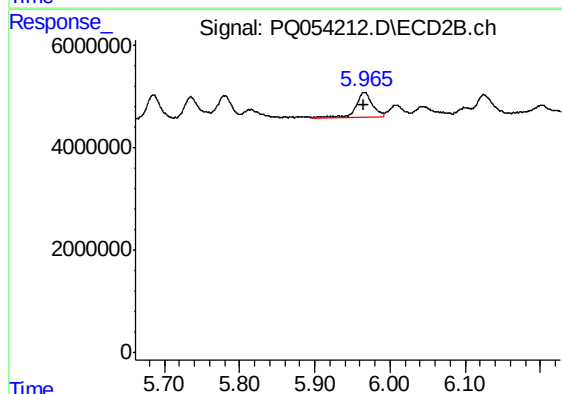
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 6534269
Conc: 22.89 ng/ml



#7 AR-1016-5

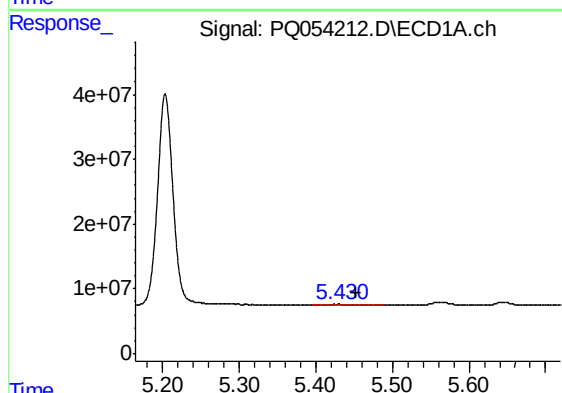
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 10674357
Conc: 19.72 ng/ml

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



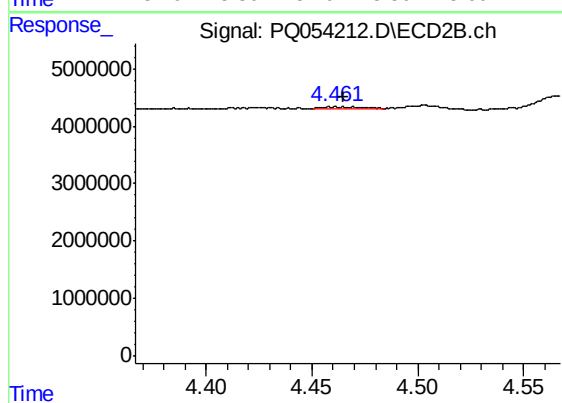
#7 AR-1016-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 6858547
Conc: 18.82 ng/ml



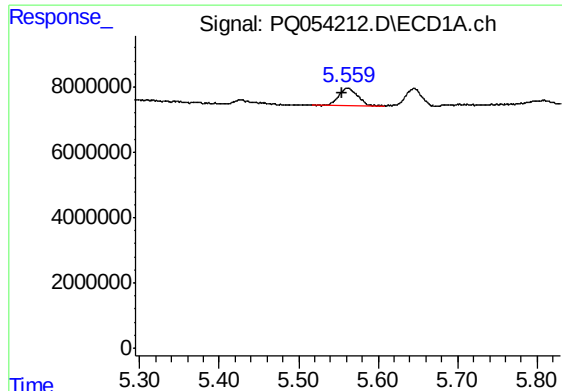
#8 AR-1221-1

R.T.: 5.429 min
Delta R.T.: -0.025 min
Response: 2524678
Conc: 10.43 ng/ml



#8 AR-1221-1

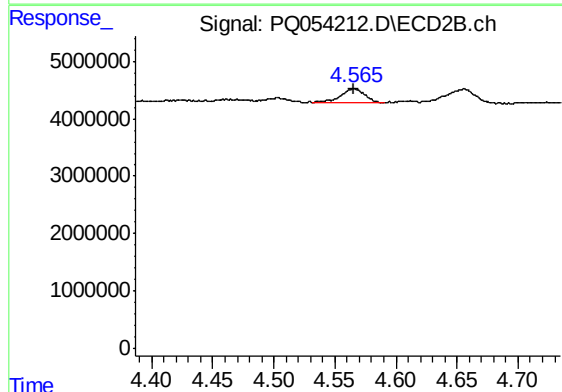
R.T.: 4.462 min
Delta R.T.: -0.003 min
Response: 633208
Conc: 4.44 ng/ml



#9 AR-1221-2

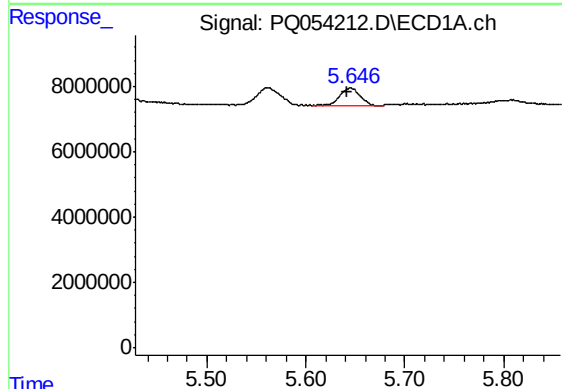
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 8865193
Conc: 48.94 ng/ml

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



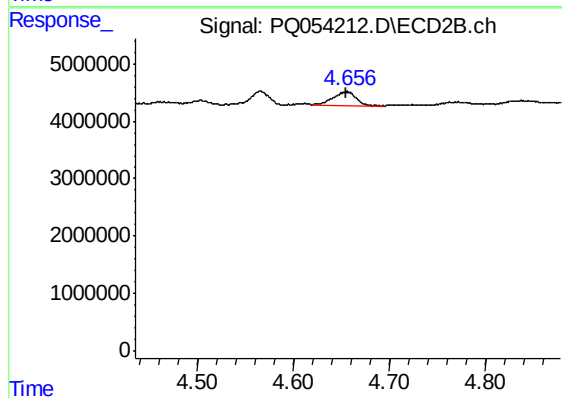
#9 AR-1221-2

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 3228912
Conc: 30.61 ng/ml



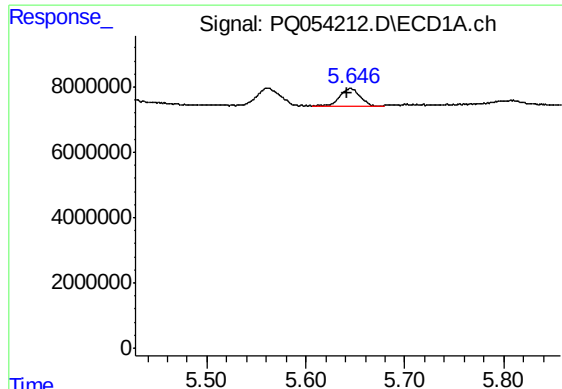
#10 AR-1221-3

R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 7746830
Conc: 13.54 ng/ml



#10 AR-1221-3

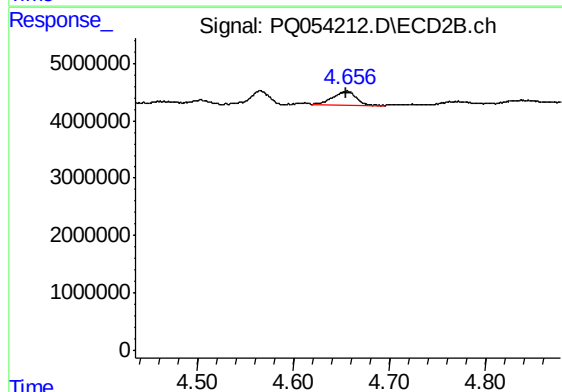
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 4272143
Conc: 12.17 ng/ml



#11 AR-1232-1

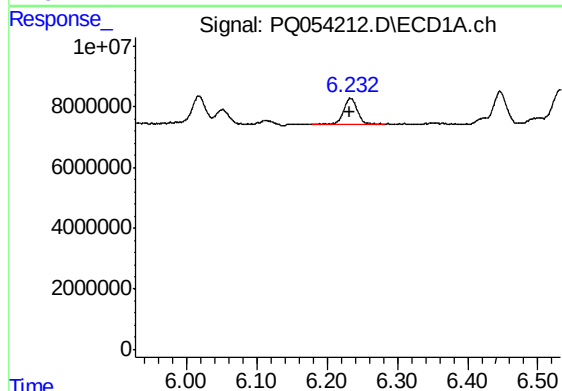
R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 7746830
Conc: 19.83 ng/ml

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



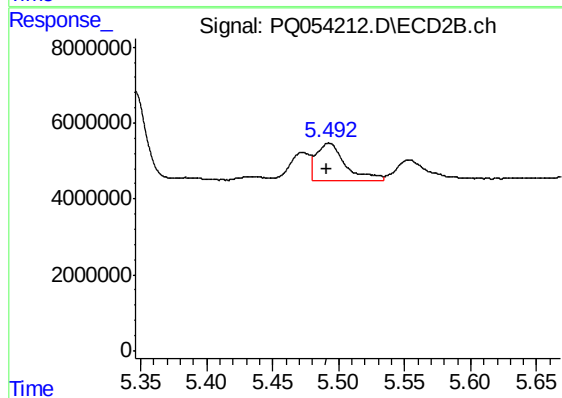
#11 AR-1232-1

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 4272143
Conc: 18.30 ng/ml



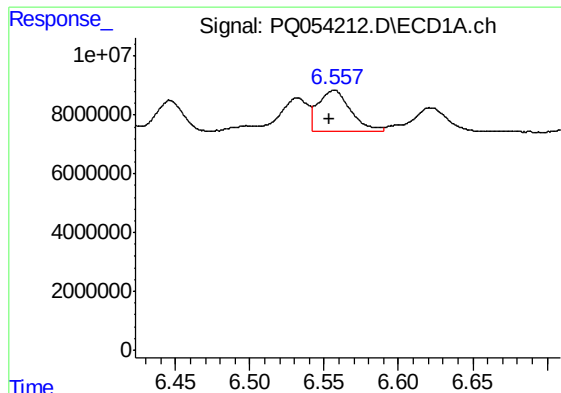
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 12471877
Conc: 53.69 ng/ml



#12 AR-1232-2

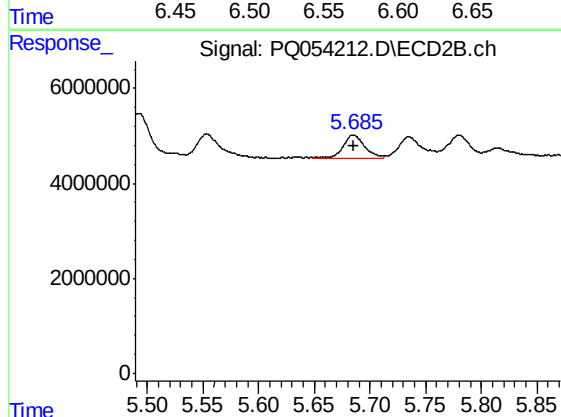
R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 15131110
Conc: 52.24 ng/ml



#13 AR-1232-3

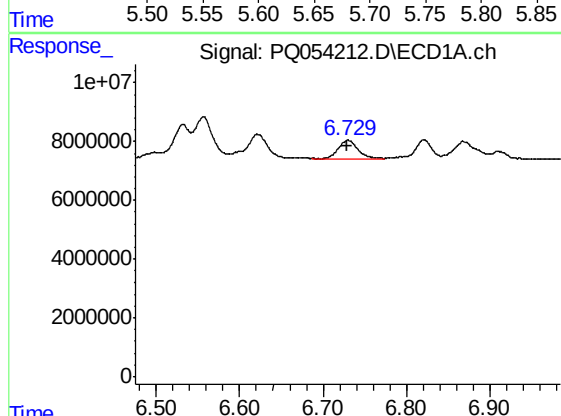
R.T.: 6.557 min
Delta R.T.: 0.003 min
Response: 21601908
Conc: 50.34 ng/ml

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



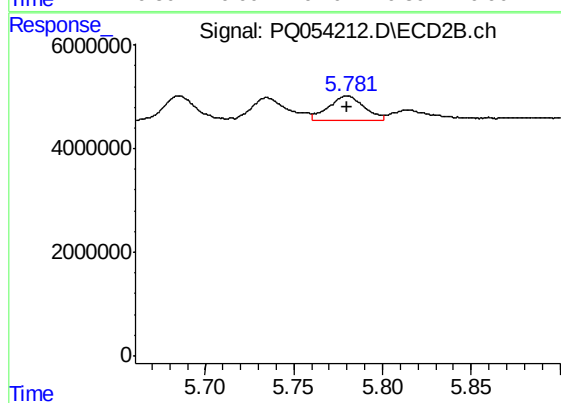
#13 AR-1232-3

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 6791737
Conc: 51.19 ng/ml



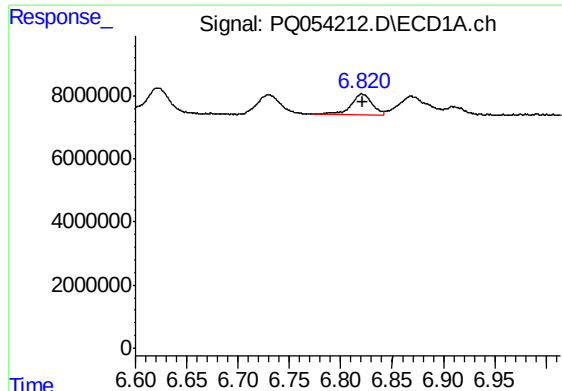
#14 AR-1232-4

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 10004639
Conc: 46.19 ng/ml



#14 AR-1232-4

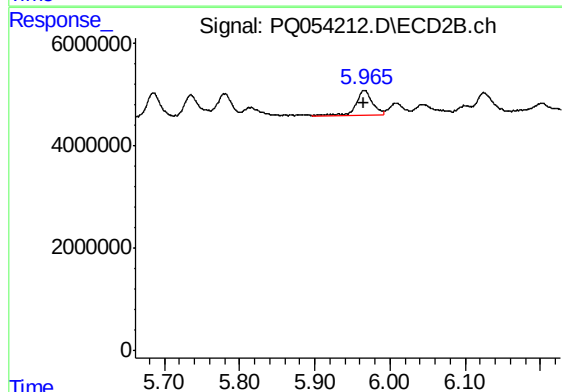
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6428890
Conc: 56.34 ng/ml



#15 AR-1232-5

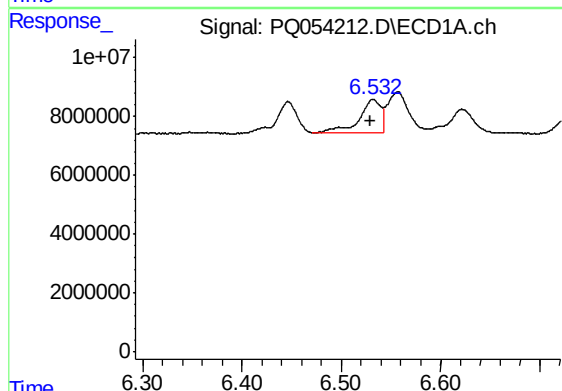
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 9363814
Conc: 57.62 ng/ml

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



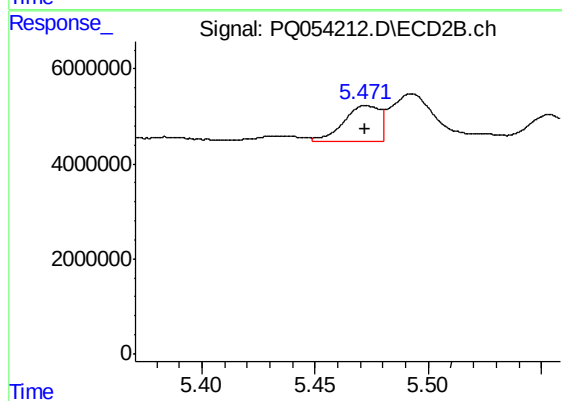
#15 AR-1232-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 6858547
Conc: 53.37 ng/ml



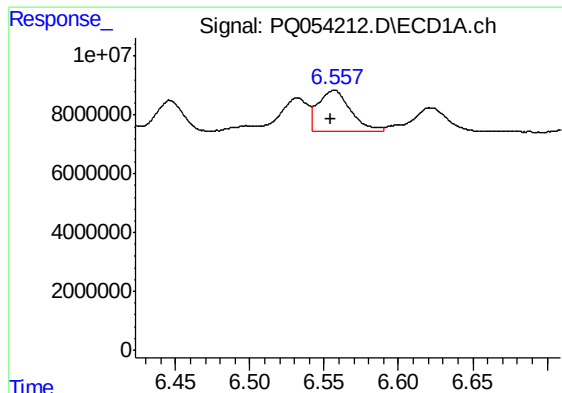
#16 AR-1242-1

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 17994323
Conc: 39.19 ng/ml



#16 AR-1242-1

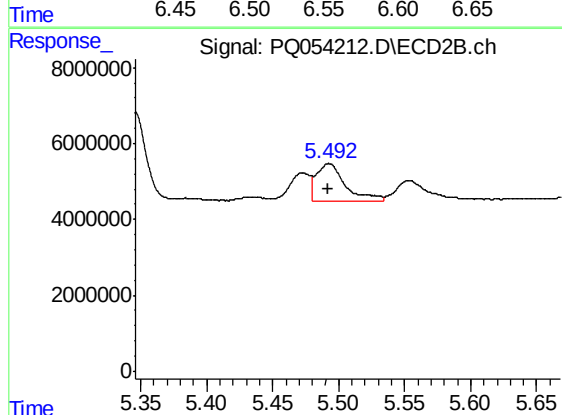
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 8480003
Conc: 31.19 ng/ml



#17 AR-1242-2

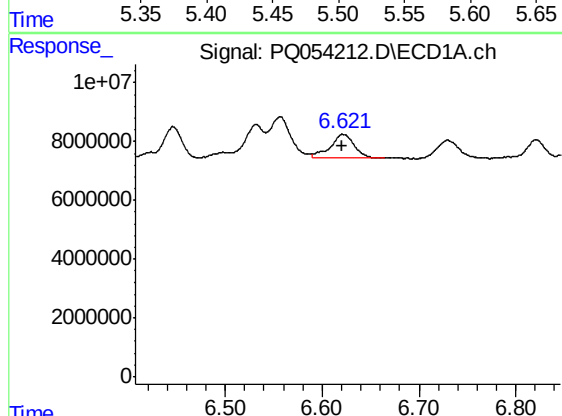
R.T.: 6.557 min
Delta R.T.: 0.002 min
Response: 21601908
Conc: 30.65 ng/ml

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



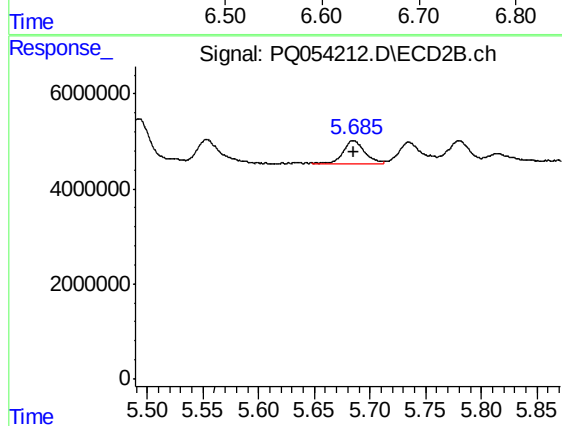
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 15131110
Conc: 32.15 ng/ml



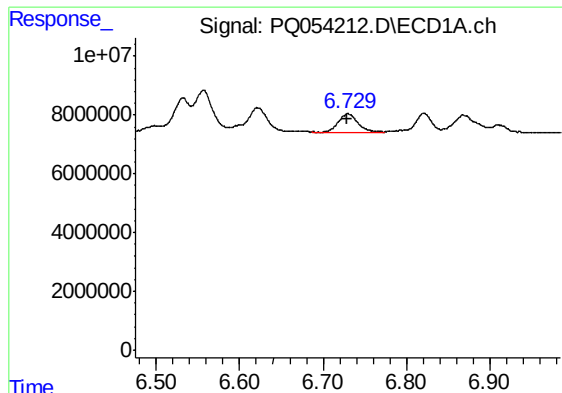
#18 AR-1242-3

R.T.: 6.621 min
Delta R.T.: 0.001 min
Response: 14226556
Conc: 32.68 ng/ml



#18 AR-1242-3

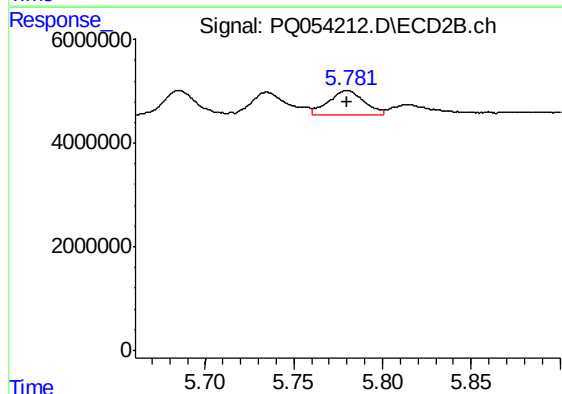
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 6791737
Conc: 30.78 ng/ml



#19 AR-1242-4

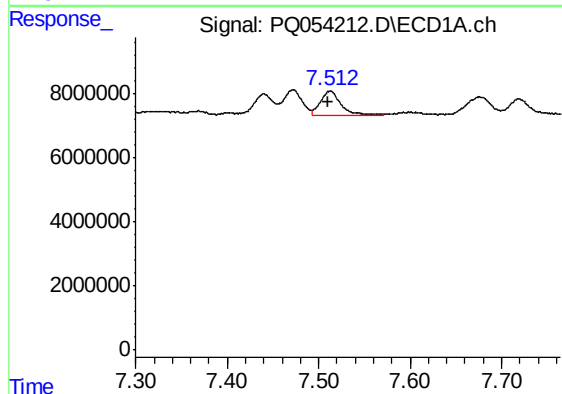
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 10004639
Conc: 27.82 ng/ml

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



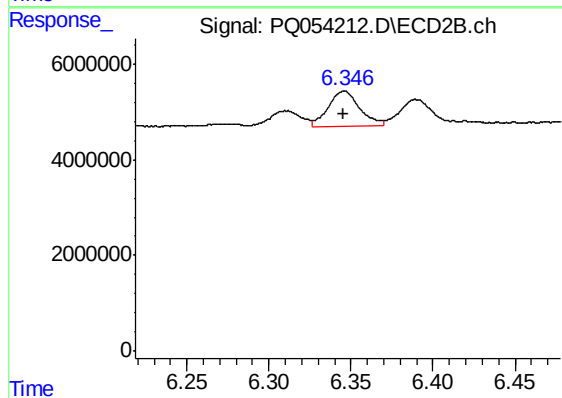
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6428890
Conc: 29.72 ng/ml



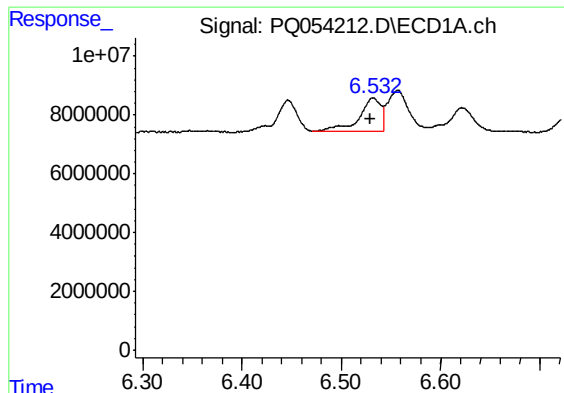
#20 AR-1242-5

R.T.: 7.513 min
Delta R.T.: 0.002 min
Response: 11242576
Conc: 30.54 ng/ml



#20 AR-1242-5

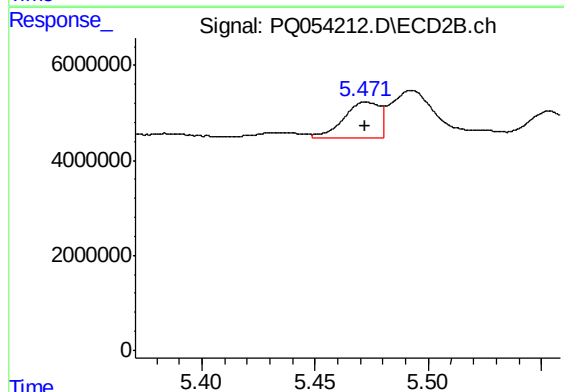
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 9952742
Conc: 33.55 ng/ml



#21 AR-1248-1

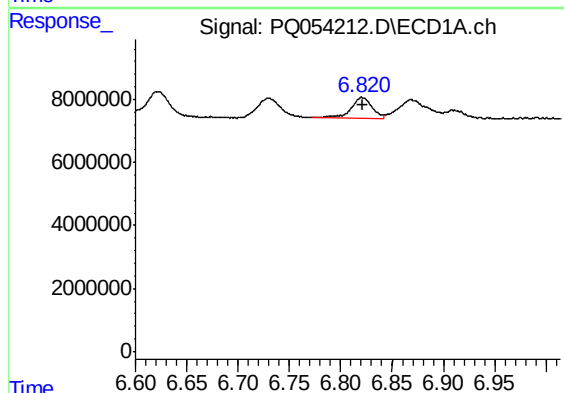
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 17994323
Conc: 48.51 ng/ml

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



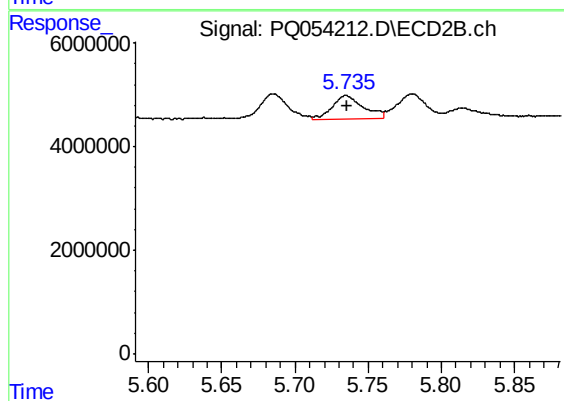
#21 AR-1248-1

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 8480003
Conc: 37.59 ng/ml



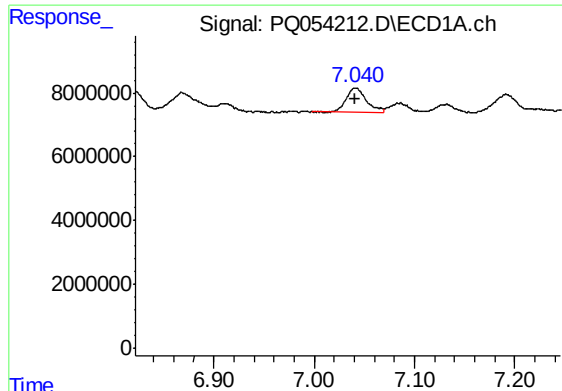
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 9363814
Conc: 17.88 ng/ml



#22 AR-1248-2

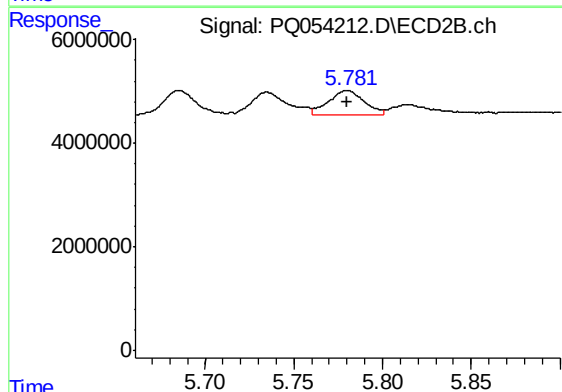
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 6534269
Conc: 19.91 ng/ml



#23 AR-1248-3

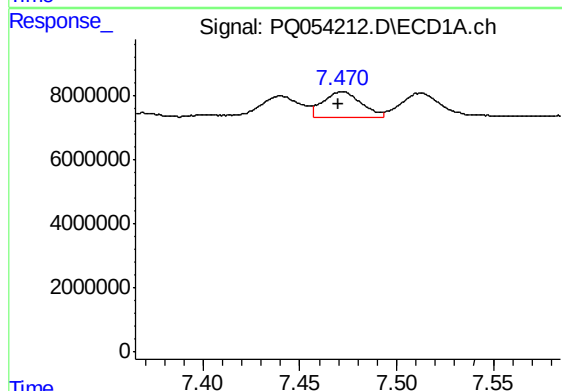
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 10674357
Conc: 17.99 ng/ml

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



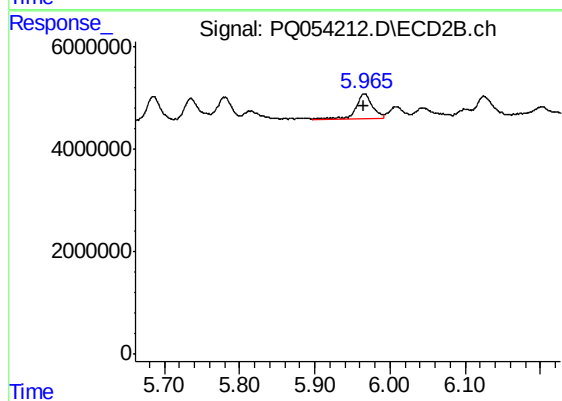
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6428890
Conc: 19.44 ng/ml



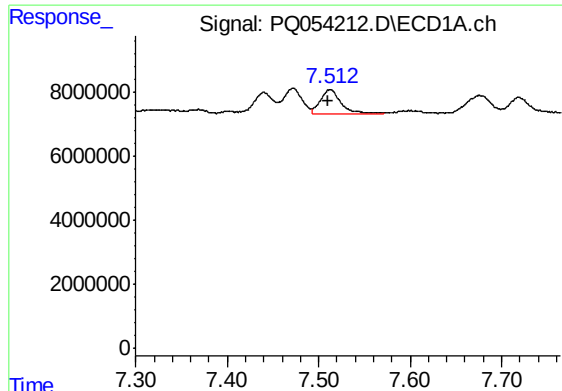
#24 AR-1248-4

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 10740009
Conc: 16.17 ng/ml



#24 AR-1248-4

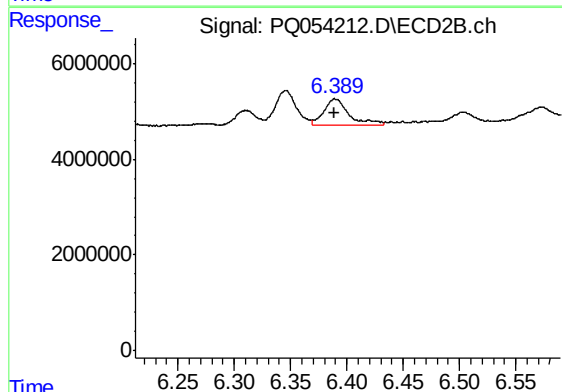
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 6858547
Conc: 17.28 ng/ml



#25 AR-1248-5

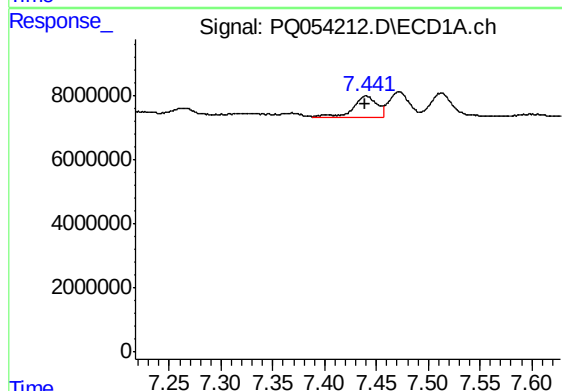
R.T.: 7.513 min
Delta R.T.: 0.003 min
Response: 11242576
Conc: 17.27 ng/ml

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



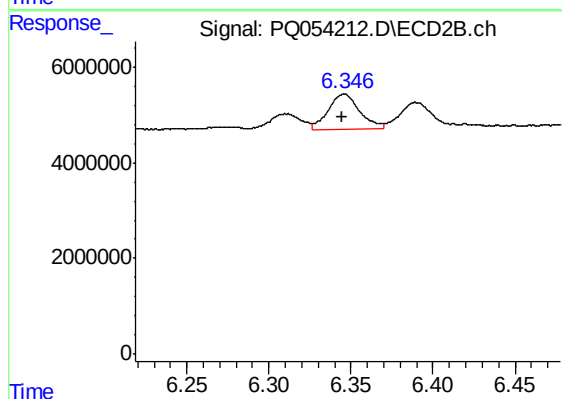
#25 AR-1248-5

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 8693375
Conc: 21.81 ng/ml



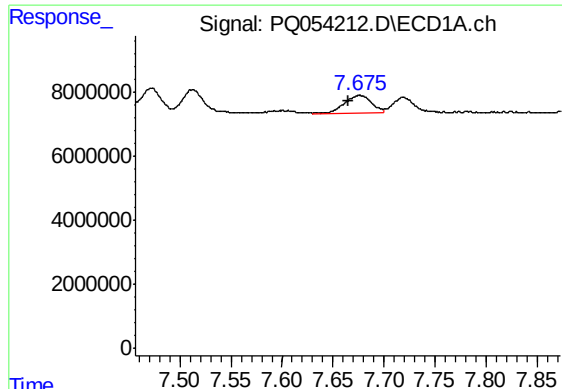
#26 AR-1254-1

R.T.: 7.440 min
Delta R.T.: 0.002 min
Response: 10168792
Conc: 14.39 ng/ml



#26 AR-1254-1

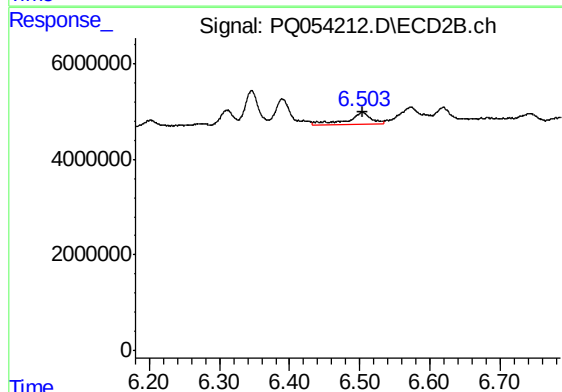
R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 9952742
Conc: 14.88 ng/ml



#27 AR-1254-2

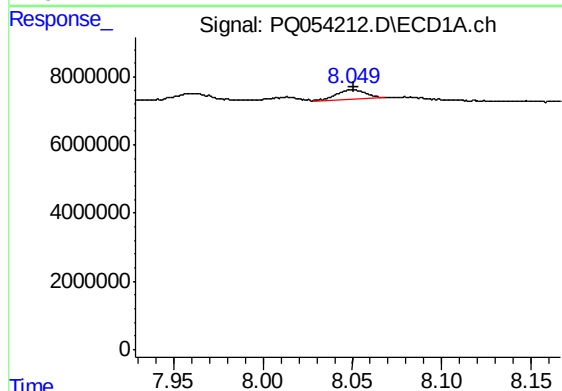
R.T.: 7.676 min
Delta R.T.: 0.010 min
Response: 9883020
Conc: 9.03 ng/ml

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



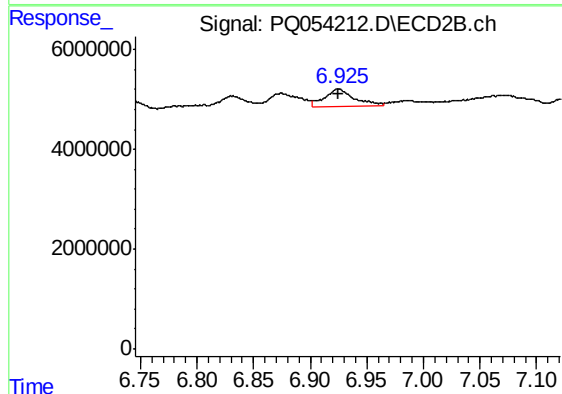
#27 AR-1254-2

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 5651036
Conc: 9.19 ng/ml



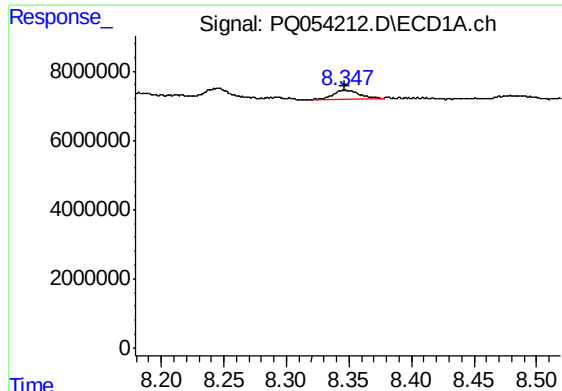
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 3288348
Conc: 2.80 ng/ml



#28 AR-1254-3

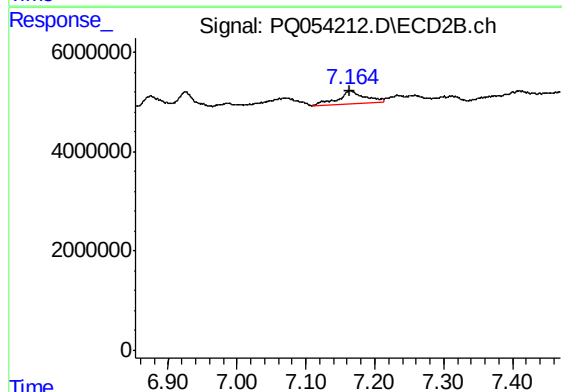
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 6103346
Conc: 6.32 ng/ml



#29 AR-1254-4

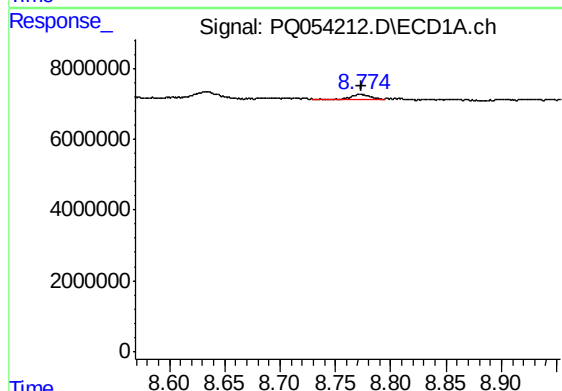
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 3948865
Conc: 4.48 ng/ml

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



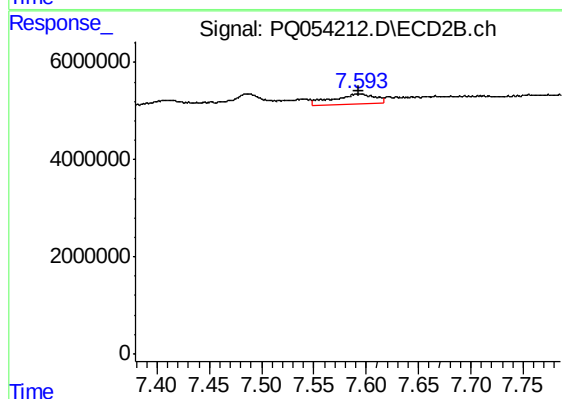
#29 AR-1254-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 6634835
Conc: 9.96 ng/ml



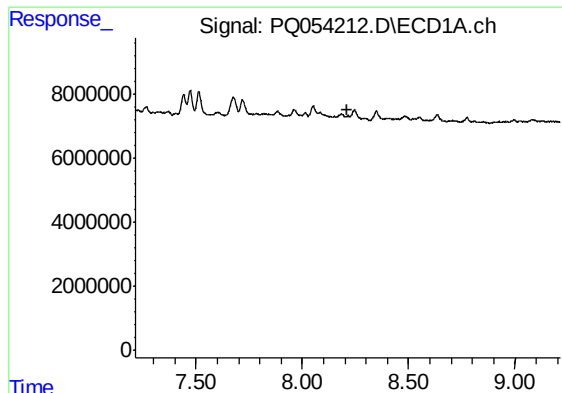
#30 AR-1254-5

R.T.: 8.773 min
Delta R.T.: -0.001 min
Response: 1642184
Conc: 1.68 ng/ml



#30 AR-1254-5

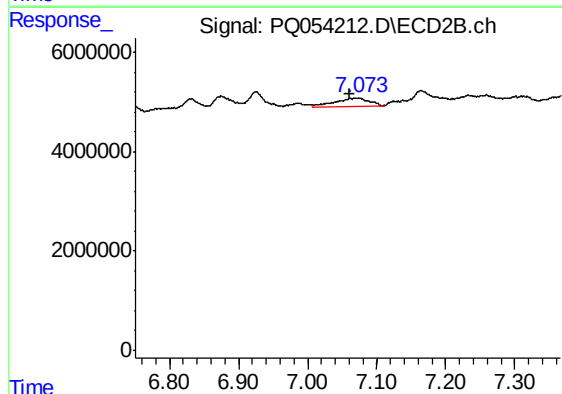
R.T.: 7.594 min
Delta R.T.: 0.002 min
Response: 5760596
Conc: 5.91 ng/ml



#31 AR-1260-1

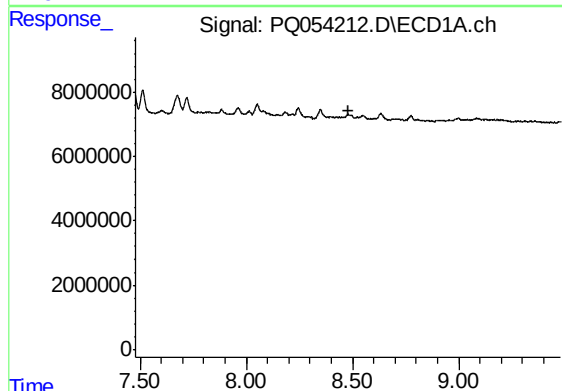
R.T.: 0.000 min
Exp R.T. : 8.214 min
Response: 0
Conc: N.D.

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



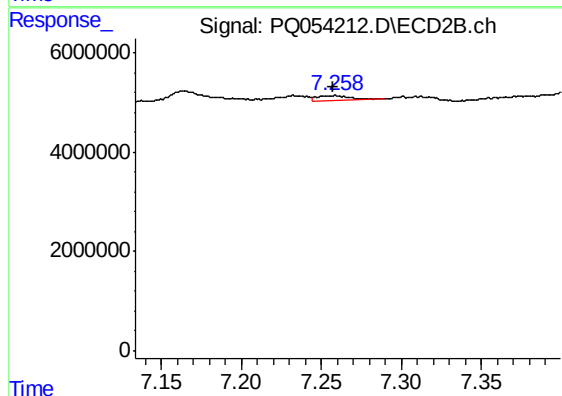
#31 AR-1260-1

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 5940209
Conc: 7.92 ng/ml



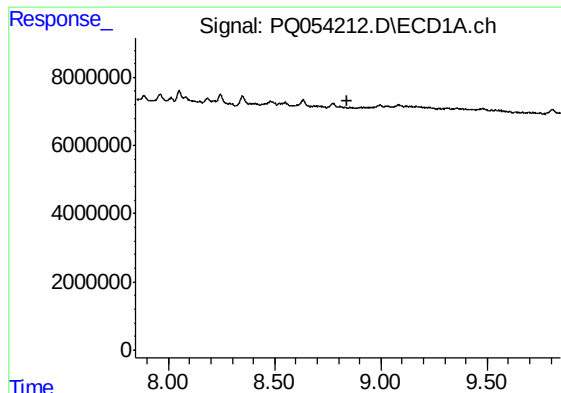
#32 AR-1260-2

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



#32 AR-1260-2

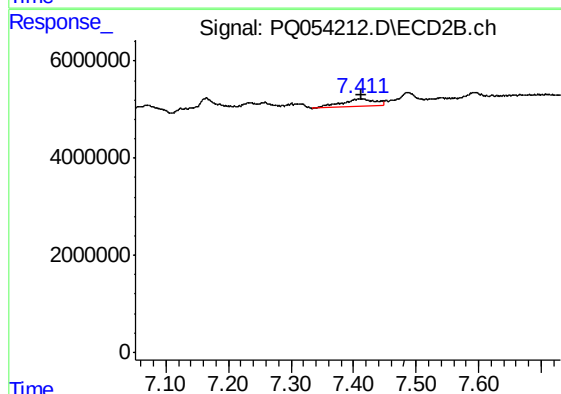
R.T.: 7.259 min
Delta R.T.: 0.001 min
Response: 1262303
Conc: 1.21 ng/ml



#33 AR-1260-3

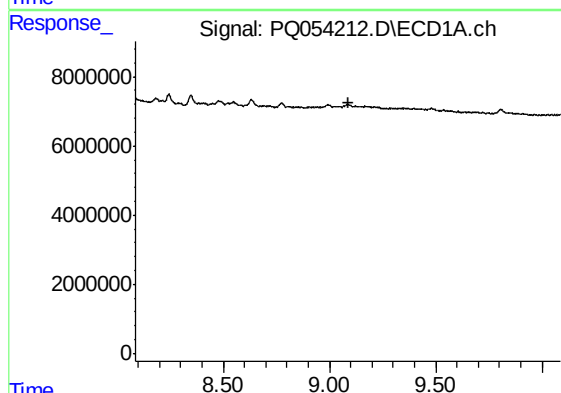
R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.

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



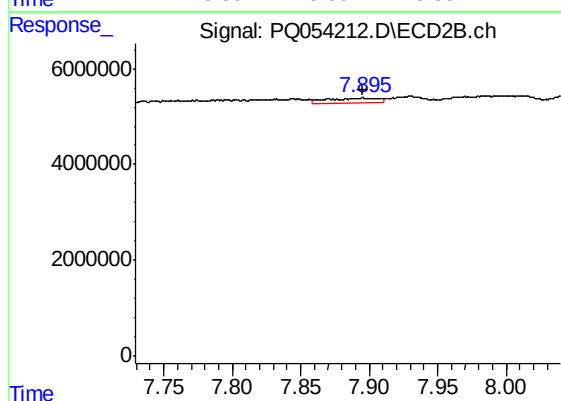
#33 AR-1260-3

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 6313631
Conc: 7.25 ng/ml



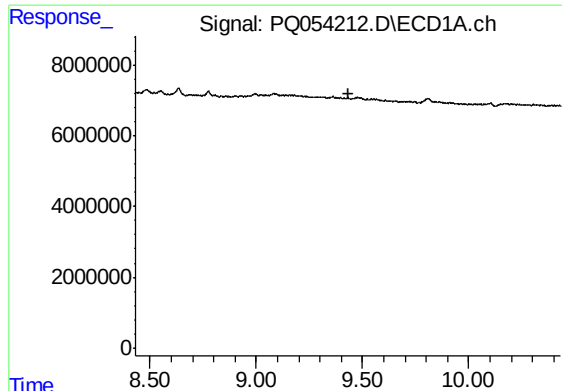
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.087 min
Response: 0
Conc: N.D.



#34 AR-1260-4

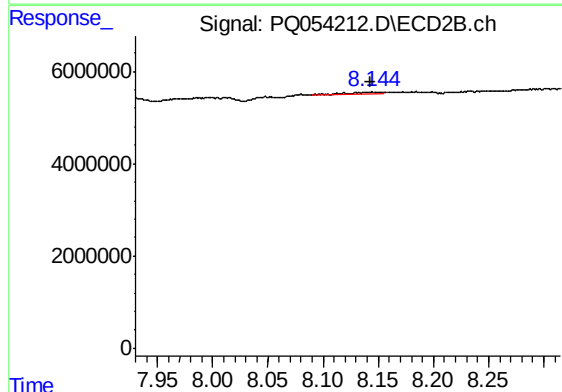
R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 2598585
Conc: 4.17 ng/ml



#35 AR-1260-5

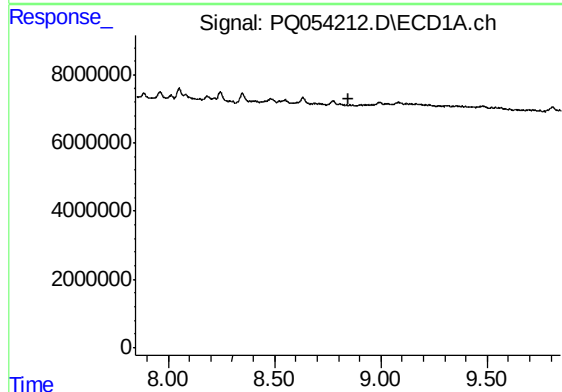
R.T.: 0.000 min
Exp R.T. : 9.431 min
Response: 0
Conc: N.D.

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



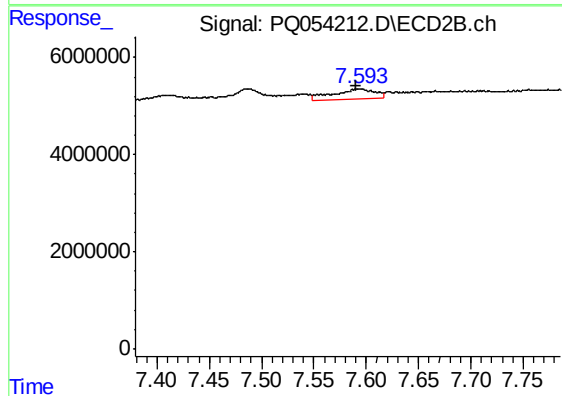
#35 AR-1260-5

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 954160
Conc: 0.56 ng/ml



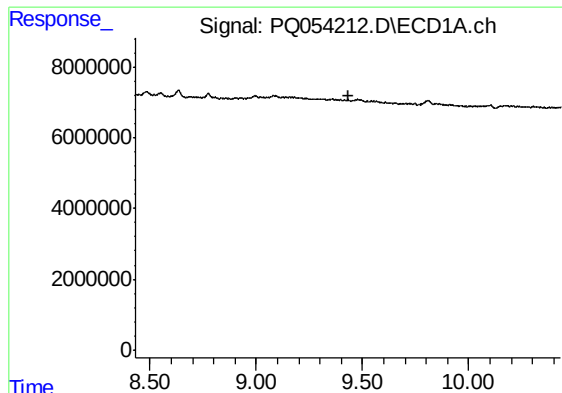
#36 AR-1262-1

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



#36 AR-1262-1

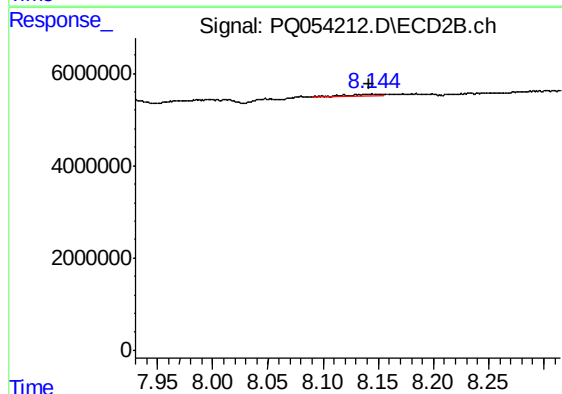
R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 5760596
Conc: 12.75 ng/ml



#37 AR-1262-2

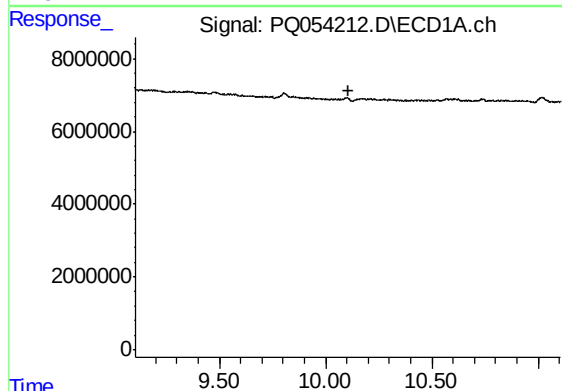
R.T.: 0.000 min
Exp R.T. : 9.432 min
Response: 0
Conc: N.D.

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



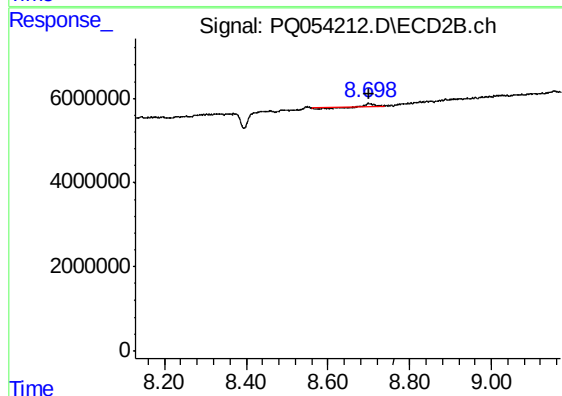
#37 AR-1262-2

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 954160
Conc: 0.51 ng/ml



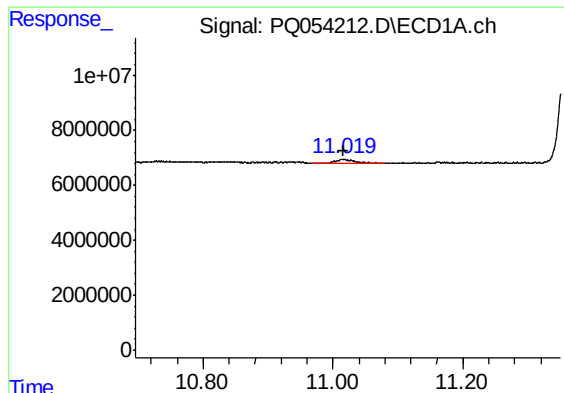
#43 AR-1268-3

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



#43 AR-1268-3

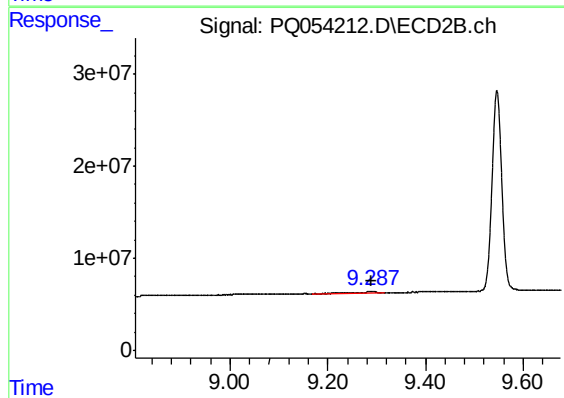
R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 366360
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.002 min
Response: 3258185
Conc: 0.60 ng/ml

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



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 1684598
Conc: 0.36 ng/ml