

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
 Data File : PR046212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2020 19:40
 Operator : AJ\MA
 Sample : L3216-07
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:22:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 2020
 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...	4.765	3.989	15281211	108.8E6	8.307	8.843
2)	SA Decachlor...	10.769	9.115	18322611	156.1E6	9.270	10.084
Target Compounds							
3)	L1 AR-1016-1	5.952	5.088	16020	2711917	0.229	5.471 #
4)	L1 AR-1016-2	5.952f	5.088f	16020	2711917	0.162	3.947 #
5)	L1 AR-1016-3	6.038	0.000	42736	0	0.719	N.D. #
6)	L1 AR-1016-4	6.148	5.328	177208	2569421	3.554	9.558 #
7)	L1 AR-1016-5	0.000	5.533	0	5823831	N.D.	15.663 #
8)	L2 AR-1221-1	4.979	4.200	317633	10324884	16.066	72.128 #
9)	L2 AR-1221-2	5.071	4.291	494216	6036646	33.665	63.418 #
10)	L2 AR-1221-3	5.147	4.367	641343	5755866	13.667	18.288 #
11)	L3 AR-1232-1	5.147	4.367	641343	5755866	16.758	21.396 #
12)	L3 AR-1232-2	5.690	5.088f	90095	2711917	4.657	9.674 #
13)	L3 AR-1232-3	6.005f	0.000	309940	0	7.773	N.D. #
14)	L3 AR-1232-4	6.148	5.353f	177208	250658	8.894	2.027 #
15)	L3 AR-1232-5	6.230	5.533	32754	5823831	2.172	42.412 #
16)	L4 AR-1242-1	5.952	5.088	16020	2711917	0.296	7.130 #
17)	L4 AR-1242-2	6.005f	5.088f	309940	2711917	4.090	5.178 #
18)	L4 AR-1242-3	6.038	0.000	42736	0	0.934	N.D. #
19)	L4 AR-1242-4	6.148	5.353f	177208	250658	4.637	0.964 #
20)	L4 AR-1242-5	6.880	5.923f	385998	3610972	8.724	9.782
21)	L5 AR-1248-1	5.952	5.088	16020	2711917	0.398	9.404 #
22)	L5 AR-1248-2	6.230	5.328	32754	2569421	0.600	7.281 #
23)	L5 AR-1248-3	0.000	5.353f	0	250658	N.D.	0.670 #
24)	L5 AR-1248-4	6.864f	5.533	211911	5823831	2.876	12.406 #
25)	L5 AR-1248-5	6.880	5.923f	385998	3610972	5.496	7.459 #
26)	L6 AR-1254-1	6.822	5.923f	1182075	3610972	15.310	4.585 #
27)	L6 AR-1254-2	7.040	6.040	364805	5658847	2.984	8.230 #
28)	L6 AR-1254-3	7.385f	0.000	236470	0	1.763	N.D. #
29)	L6 AR-1254-4	7.691	0.000	356365	0	3.471	N.D. #
30)	L6 AR-1254-5	8.122	7.076f	105366	6696356	0.948	6.373 #
32)	L7 AR-1260-2	7.827	6.796f	480145	3899572	4.181	4.410
34)	L7 AR-1260-4	8.429	0.000	150467	0	1.445	N.D. #
35)	L7 AR-1260-5	8.796f	7.648	90007	3204038	0.417	1.730 #
36)	L8 AR-1262-1	0.000	7.076f	0	6696356	N.D.	13.671 #
37)	L8 AR-1262-2	8.796f	7.648	90007	3204038	0.398	1.648 #
38)	L8 AR-1262-3	9.127	0.000	77582	0	0.795	N.D. #
39)	L8 AR-1262-4	9.195f	7.971f	58583	16442055	0.514	11.592 #
40)	L8 AR-1262-5	9.974f	8.514	358167	4628313	4.376	6.822 #
41)	L9 AR-1268-1	9.127	0.000	77582	0	0.259	N.D. #
42)	L9 AR-1268-2	9.195f	7.971f	58583	16442055	0.211	6.852 #
43)	L9 AR-1268-3	9.468	8.209	404648	8033151	1.763	4.000 #

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 Misc : AR1221 LOD 25 PPB
 ALS Vial : 15 Sample Multiplier: 1

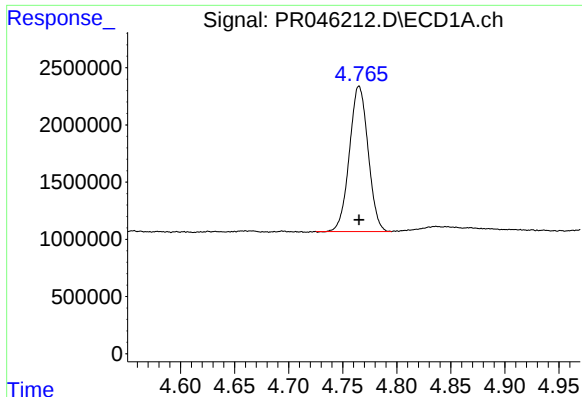
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:22:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
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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
44) L9	AR-1268-4	9.974f	8.514	358167	4628313	3.461	5.311 #
45) L9	AR-1268-5	10.396	8.835	265551	1685243	0.340	0.266

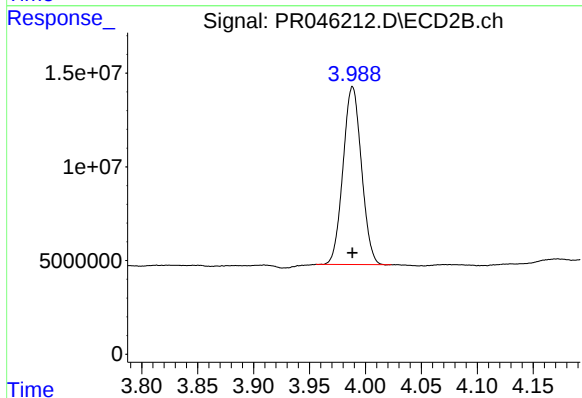
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

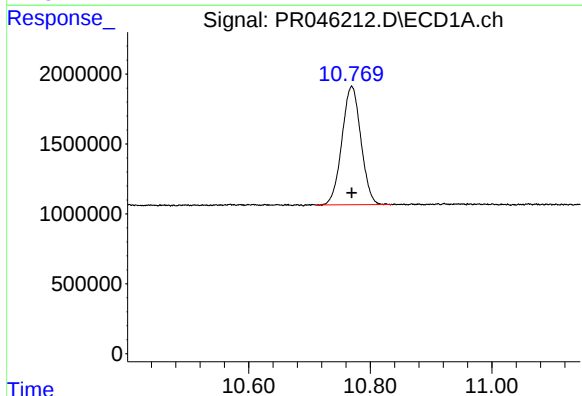
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 15281211
Conc: 8.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



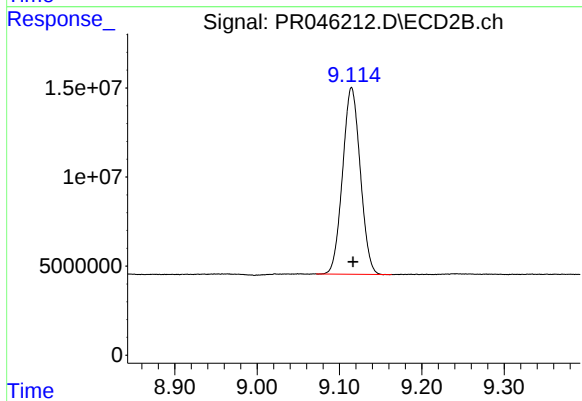
#1 Tetrachloro-m-xylene

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 108822319
Conc: 8.84 ng/ml



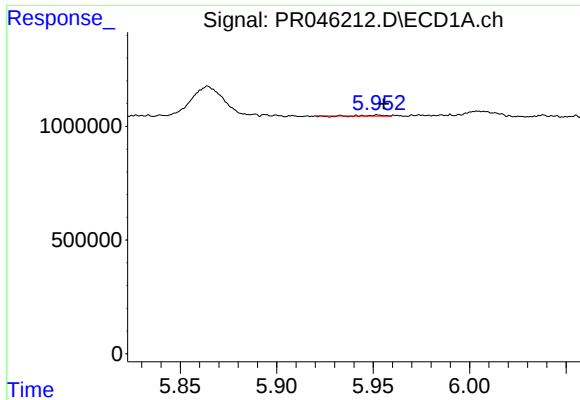
#2 Decachlorobiphenyl

R.T.: 10.769 min
Delta R.T.: 0.000 min
Response: 18322611
Conc: 9.27 ng/ml



#2 Decachlorobiphenyl

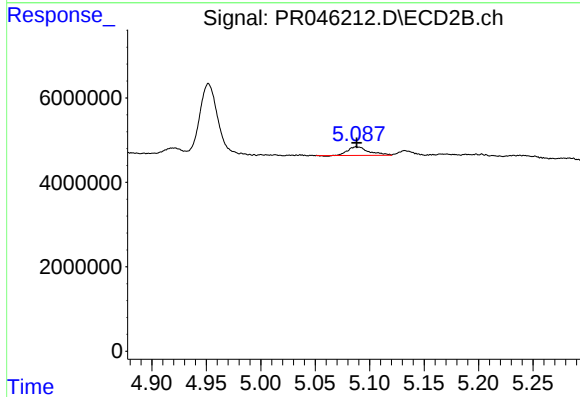
R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 156137542
Conc: 10.08 ng/ml



#3 AR-1016-1

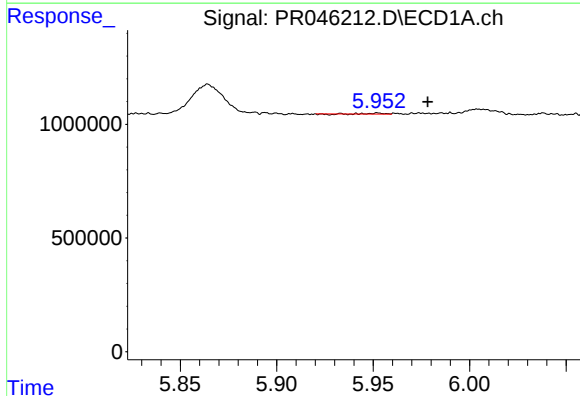
R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 16020
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



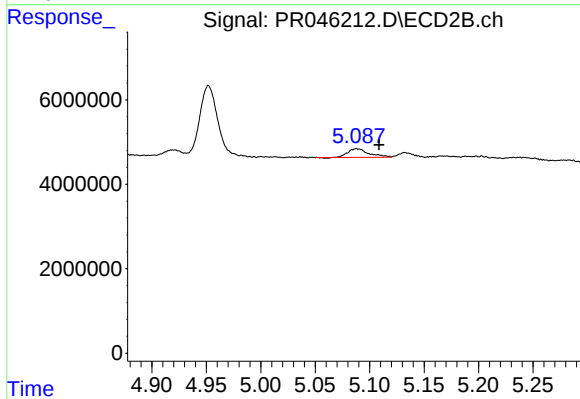
#3 AR-1016-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2711917
Conc: 5.47 ng/ml



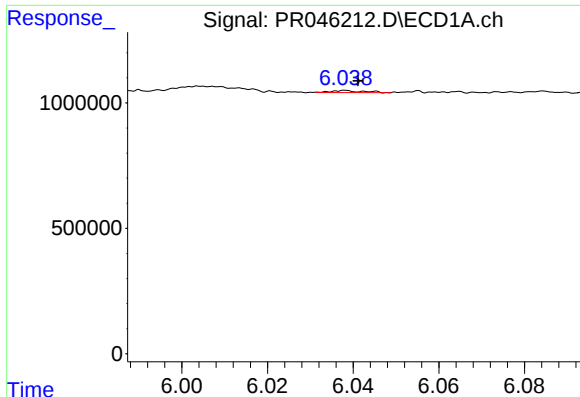
#4 AR-1016-2

R.T.: 5.952 min
Delta R.T.: -0.026 min
Response: 16020
Conc: 0.16 ng/ml



#4 AR-1016-2

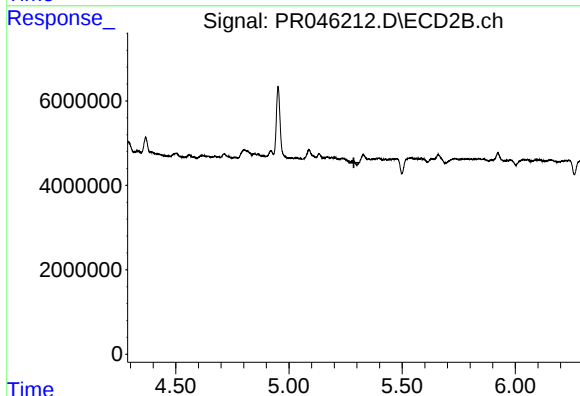
R.T.: 5.088 min
Delta R.T.: -0.021 min
Response: 2711917
Conc: 3.95 ng/ml



#5 AR-1016-3

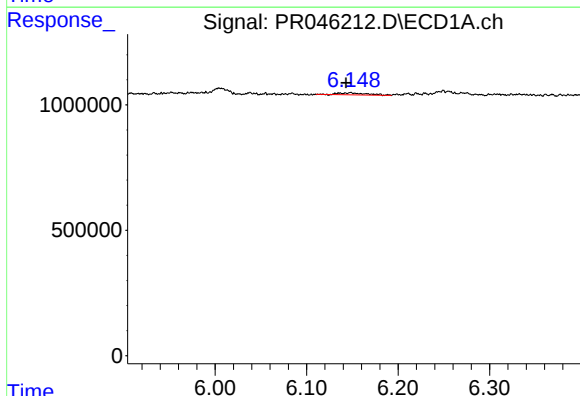
R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 42736
Conc: 0.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



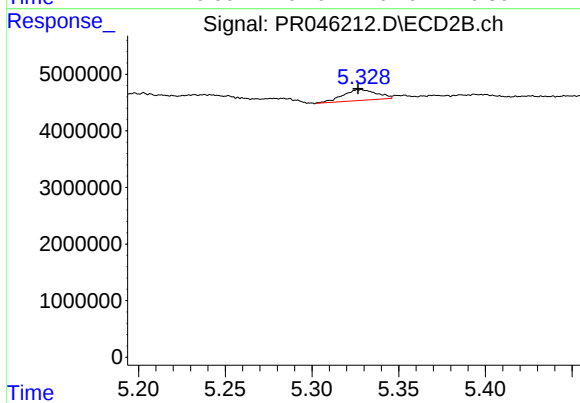
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



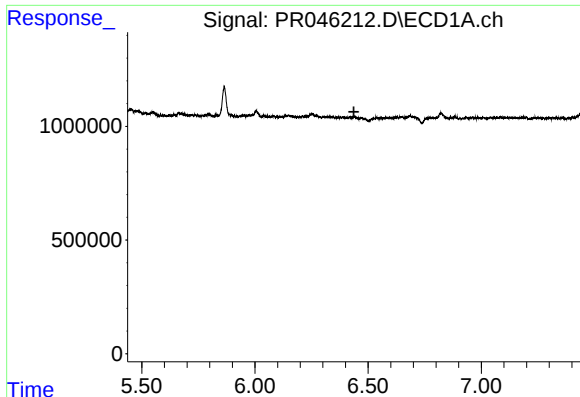
#6 AR-1016-4

R.T.: 6.148 min
Delta R.T.: 0.005 min
Response: 177208
Conc: 3.55 ng/ml



#6 AR-1016-4

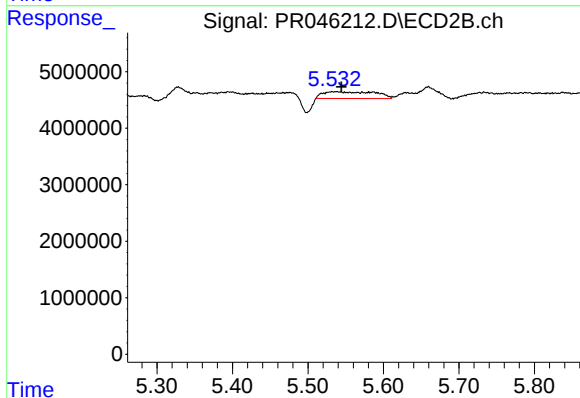
R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 2569421
Conc: 9.56 ng/ml



#7 AR-1016-5

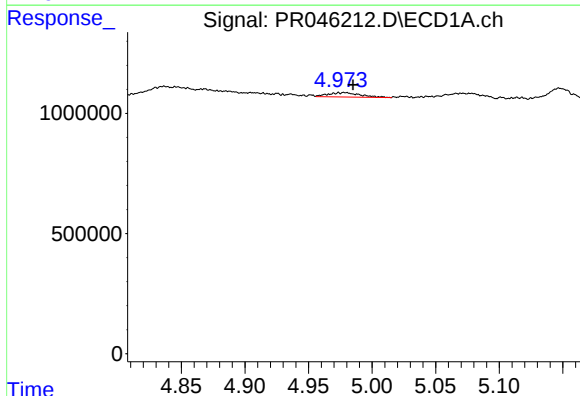
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



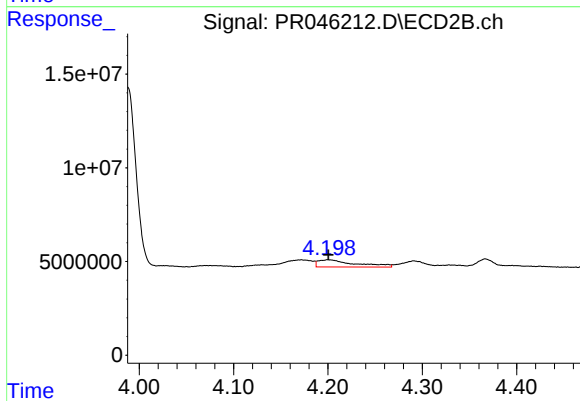
#7 AR-1016-5

R.T.: 5.533 min
Delta R.T.: -0.012 min
Response: 5823831
Conc: 15.66 ng/ml



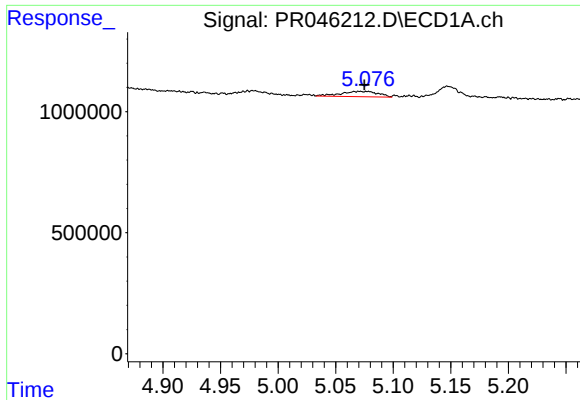
#8 AR-1221-1

R.T.: 4.979 min
Delta R.T.: -0.006 min
Response: 317633
Conc: 16.07 ng/ml



#8 AR-1221-1

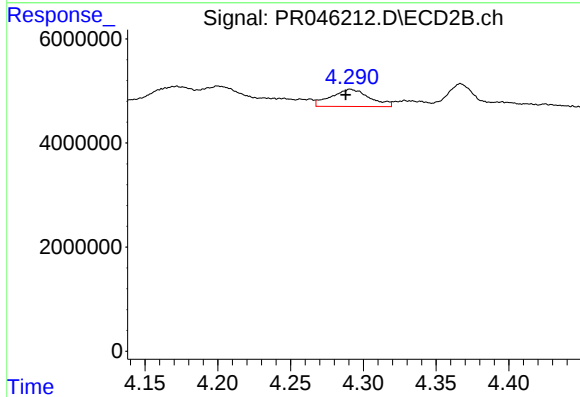
R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 10324884
Conc: 72.13 ng/ml



#9 AR-1221-2

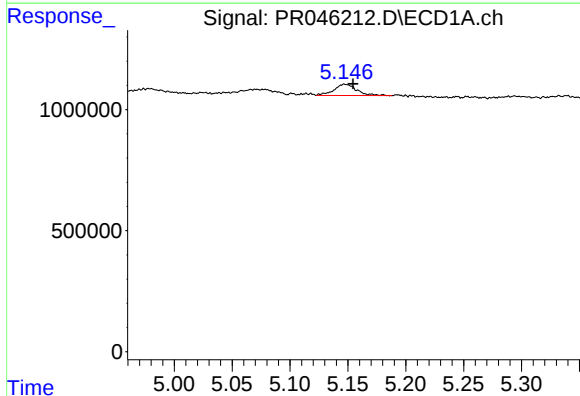
R.T.: 5.071 min
Delta R.T.: -0.004 min
Response: 494216
Conc: 33.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



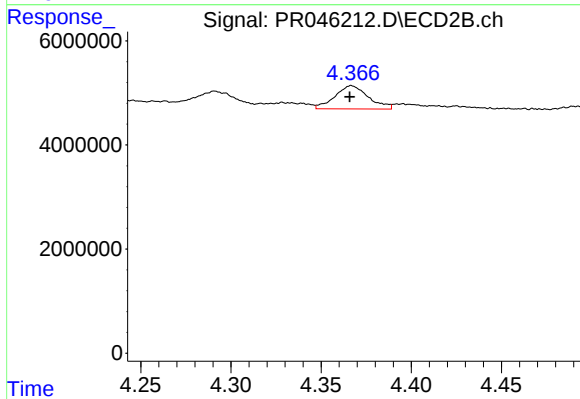
#9 AR-1221-2

R.T.: 4.291 min
Delta R.T.: 0.003 min
Response: 6036646
Conc: 63.42 ng/ml



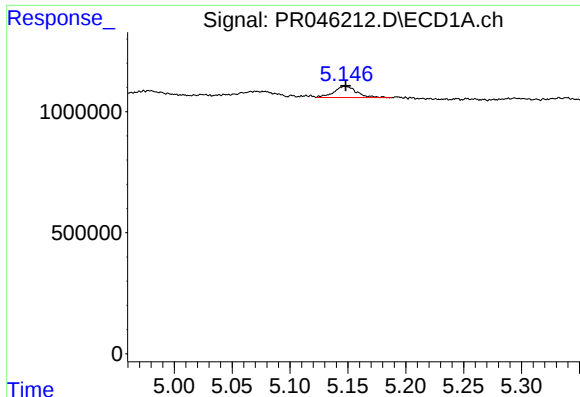
#10 AR-1221-3

R.T.: 5.147 min
Delta R.T.: -0.007 min
Response: 641343
Conc: 13.67 ng/ml



#10 AR-1221-3

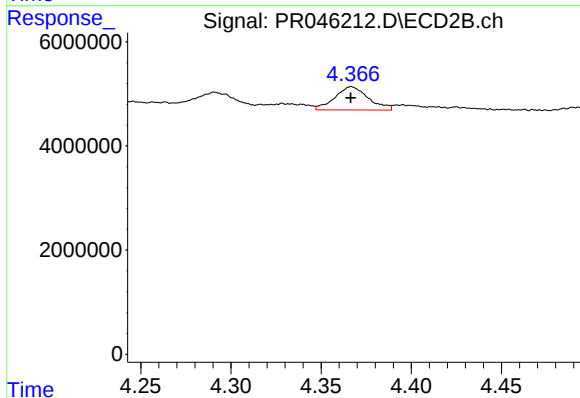
R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 5755866
Conc: 18.29 ng/ml



#11 AR-1232-1

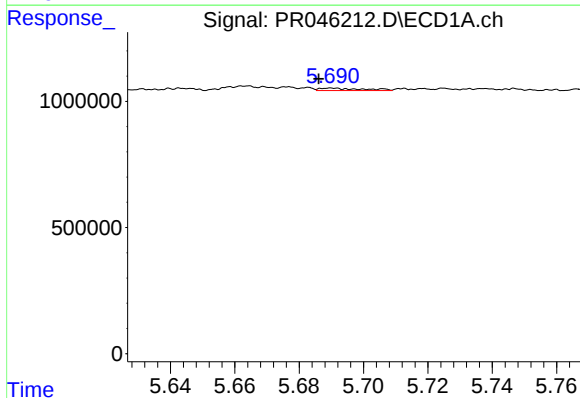
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 641343
Conc: 16.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



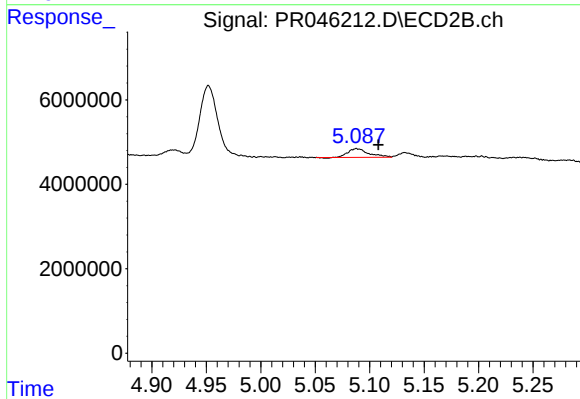
#11 AR-1232-1

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 5755866
Conc: 21.40 ng/ml



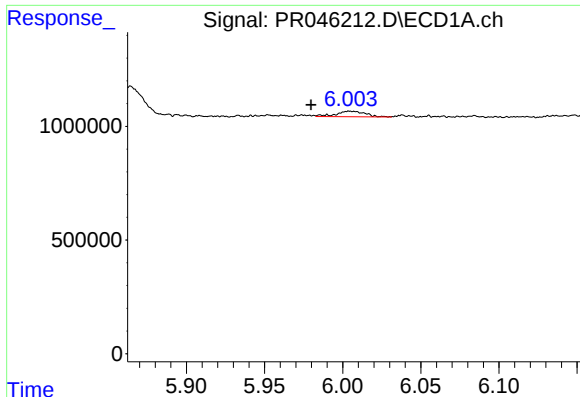
#12 AR-1232-2

R.T.: 5.690 min
Delta R.T.: 0.004 min
Response: 90095
Conc: 4.66 ng/ml



#12 AR-1232-2

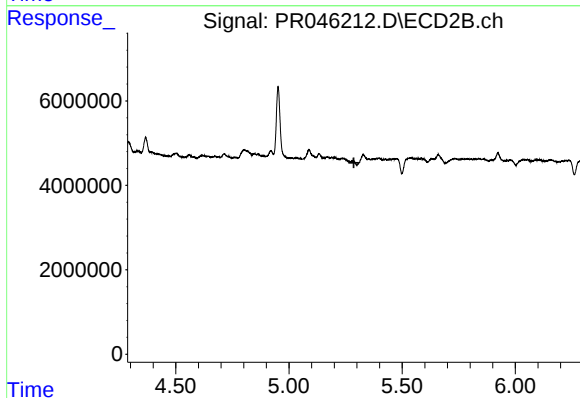
R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 2711917
Conc: 9.67 ng/ml



#13 AR-1232-3

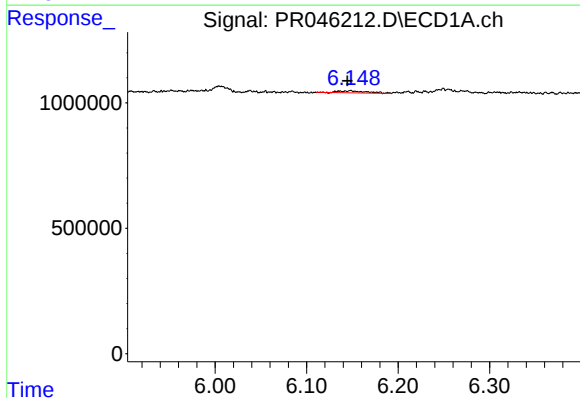
R.T.: 6.005 min
Delta R.T.: 0.025 min
Response: 309940
Conc: 7.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



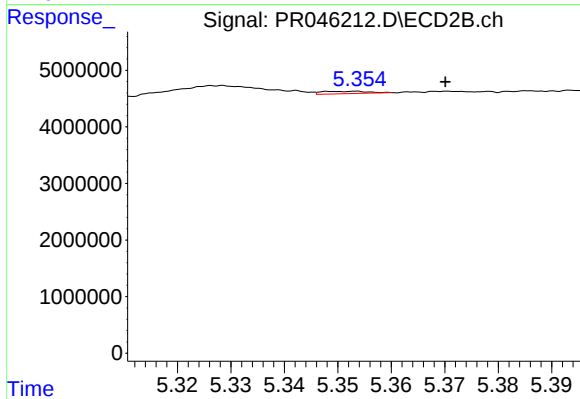
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



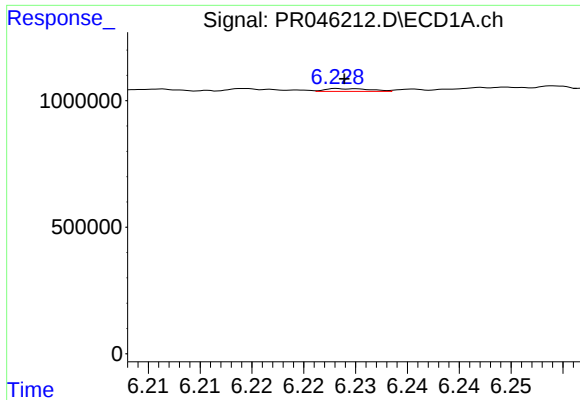
#14 AR-1232-4

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 177208
Conc: 8.89 ng/ml



#14 AR-1232-4

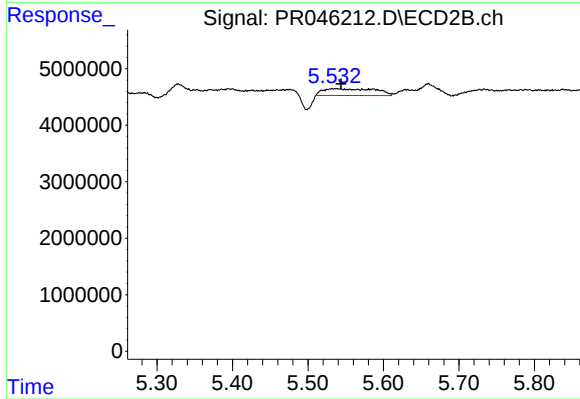
R.T.: 5.353 min
Delta R.T.: -0.018 min
Response: 250658
Conc: 2.03 ng/ml



#15 AR-1232-5

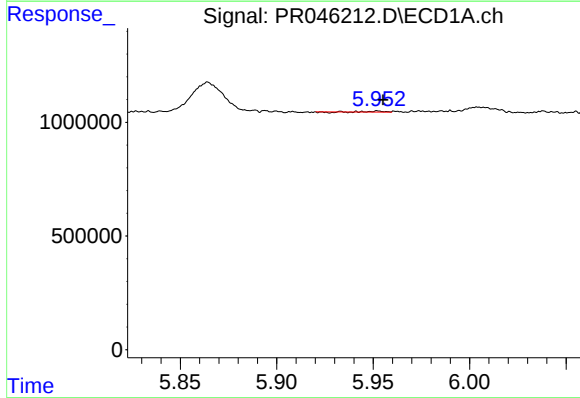
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 32754
Conc: 2.17 ng/ml

Instrument :
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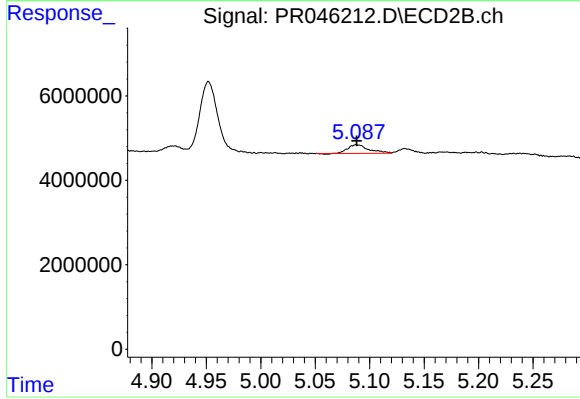
#15 AR-1232-5

R.T.: 5.533 min
Delta R.T.: -0.011 min
Response: 5823831
Conc: 42.41 ng/ml



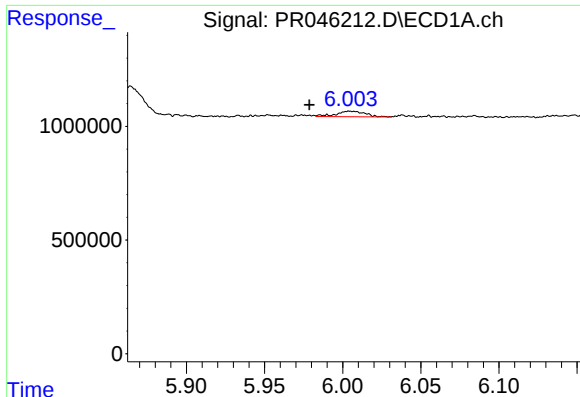
#16 AR-1242-1

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 16020
Conc: 0.30 ng/ml



#16 AR-1242-1

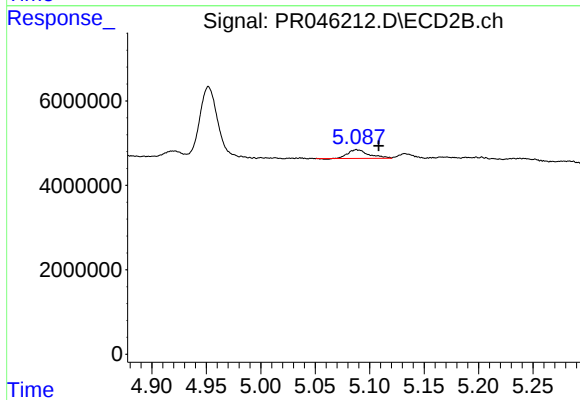
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2711917
Conc: 7.13 ng/ml



#17 AR-1242-2

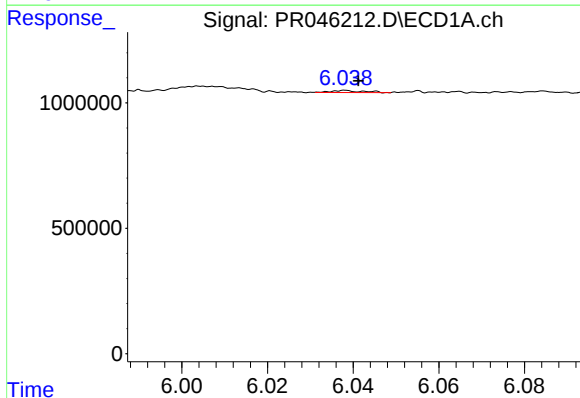
R.T.: 6.005 min
Delta R.T.: 0.026 min
Response: 309940
Conc: 4.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



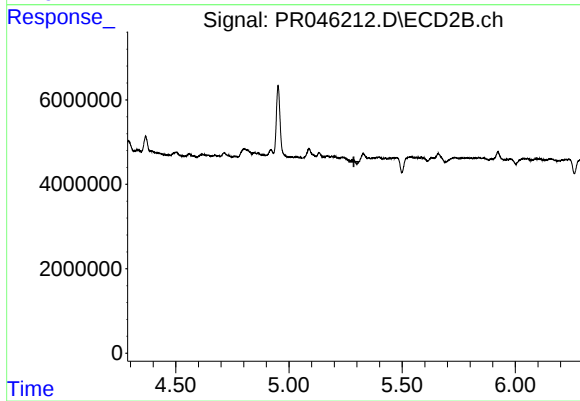
#17 AR-1242-2

R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 2711917
Conc: 5.18 ng/ml



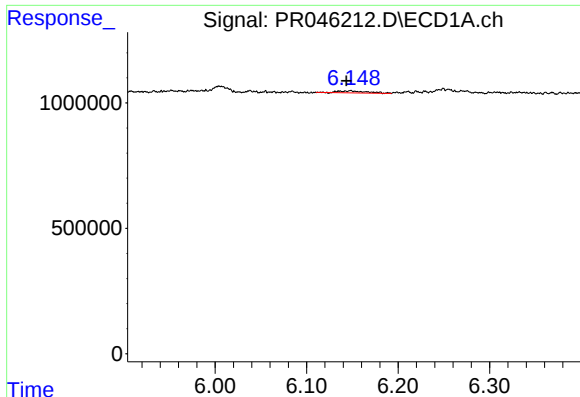
#18 AR-1242-3

R.T.: 6.038 min
Delta R.T.: -0.003 min
Response: 42736
Conc: 0.93 ng/ml



#18 AR-1242-3

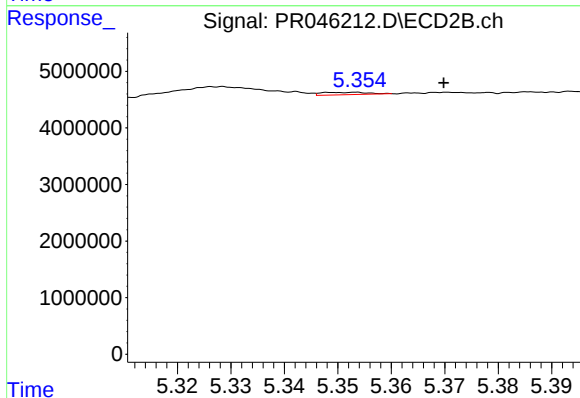
R.T.: 0.000 min
Exp R.T.: 5.287 min
Response: 0
Conc: N.D.



#19 AR-1242-4

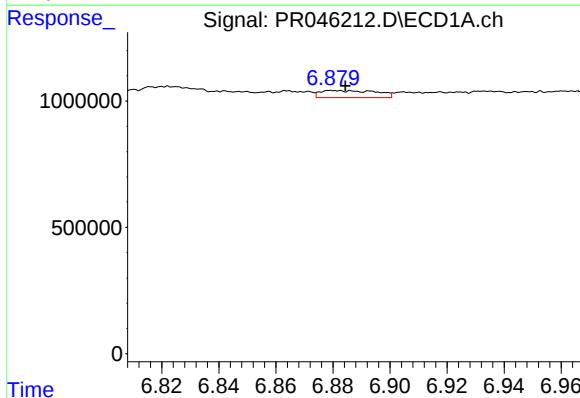
R.T.: 6.148 min
Delta R.T.: 0.005 min
Response: 177208
Conc: 4.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



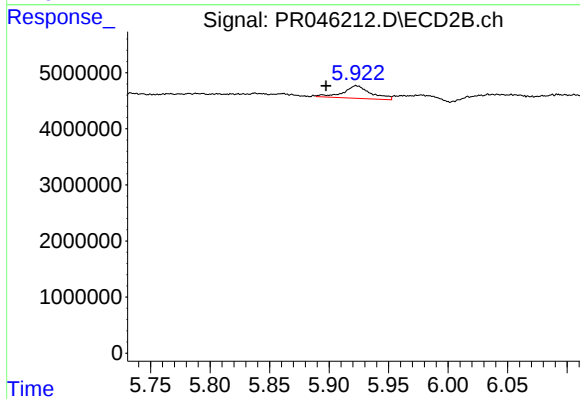
#19 AR-1242-4

R.T.: 5.353 min
Delta R.T.: -0.017 min
Response: 250658
Conc: 0.96 ng/ml



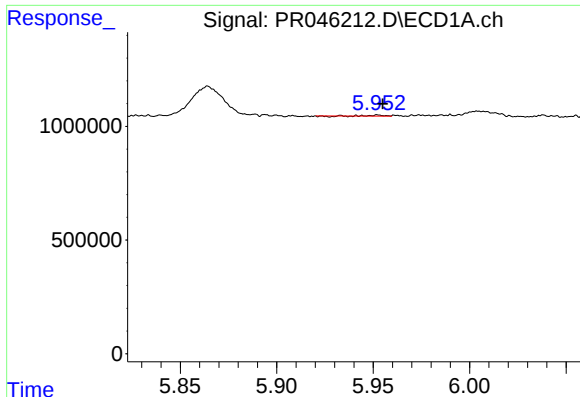
#20 AR-1242-5

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 385998
Conc: 8.72 ng/ml



#20 AR-1242-5

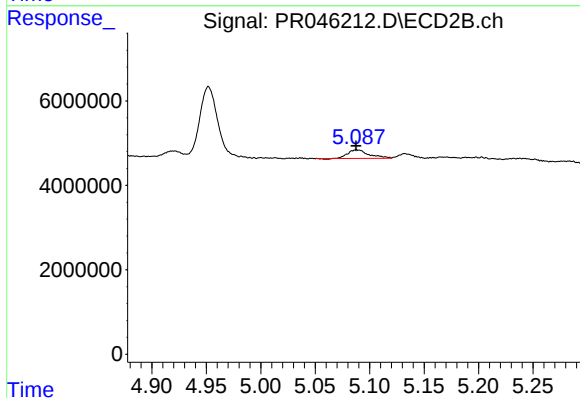
R.T.: 5.923 min
Delta R.T.: 0.025 min
Response: 3610972
Conc: 9.78 ng/ml



#21 AR-1248-1

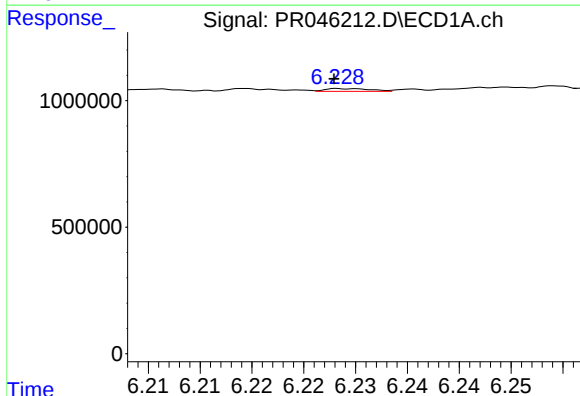
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 16020
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



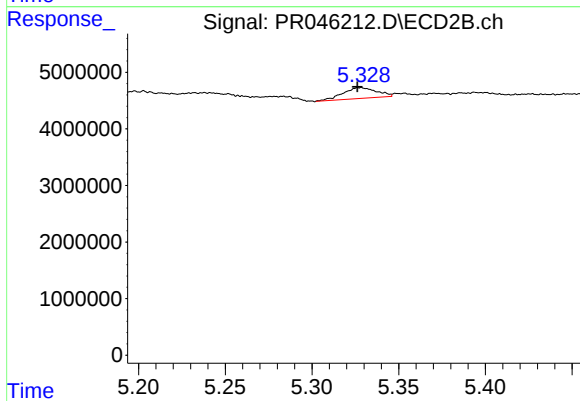
#21 AR-1248-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 2711917
Conc: 9.40 ng/ml



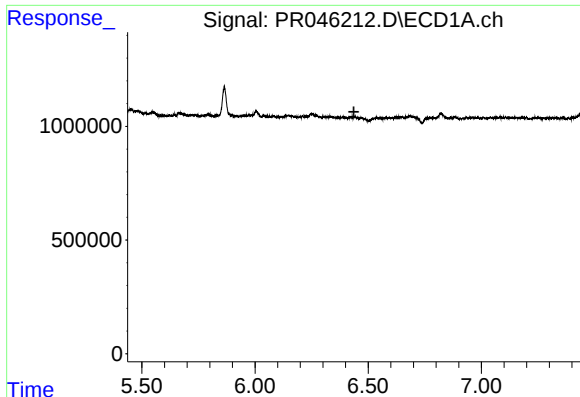
#22 AR-1248-2

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 32754
Conc: 0.60 ng/ml



#22 AR-1248-2

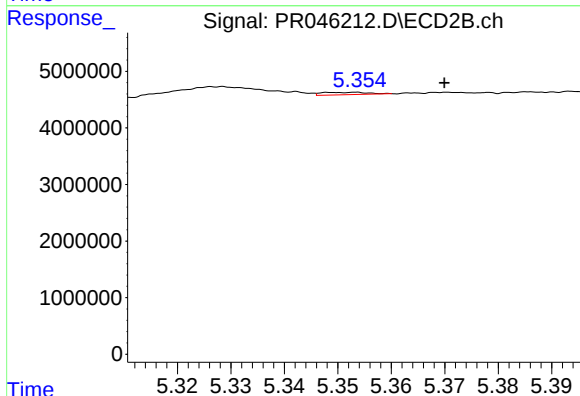
R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 2569421
Conc: 7.28 ng/ml



#23 AR-1248-3

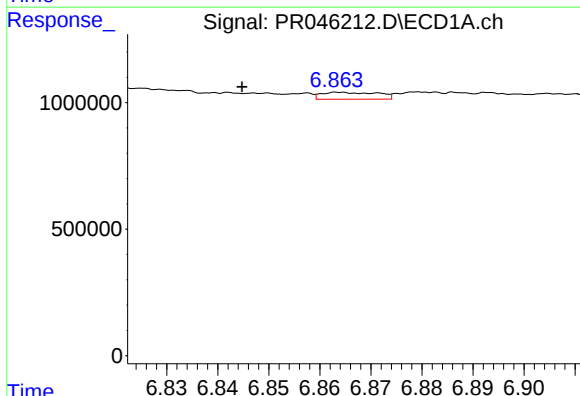
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



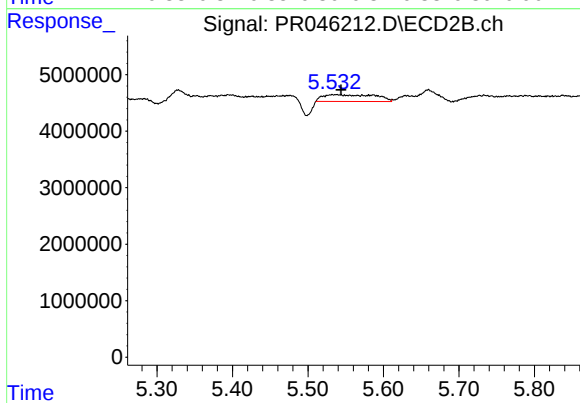
#23 AR-1248-3

R.T.: 5.353 min
Delta R.T.: -0.017 min
Response: 250658
Conc: 0.67 ng/ml



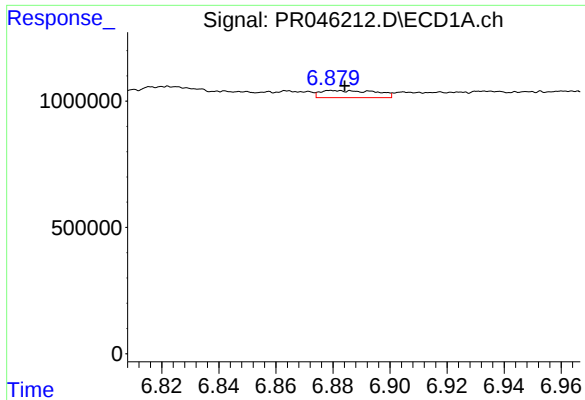
#24 AR-1248-4

R.T.: 6.864 min
Delta R.T.: 0.019 min
Response: 211911
Conc: 2.88 ng/ml



#24 AR-1248-4

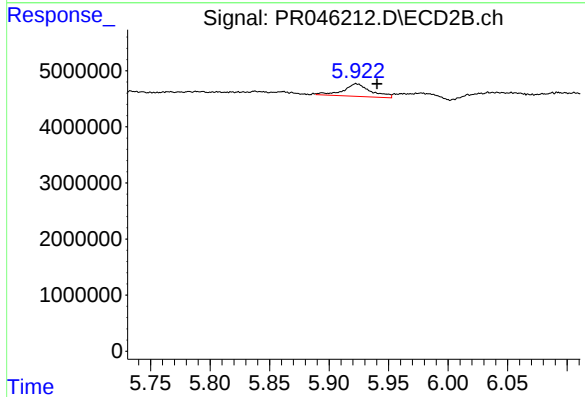
R.T.: 5.533 min
Delta R.T.: -0.011 min
Response: 5823831
Conc: 12.41 ng/ml



#25 AR-1248-5

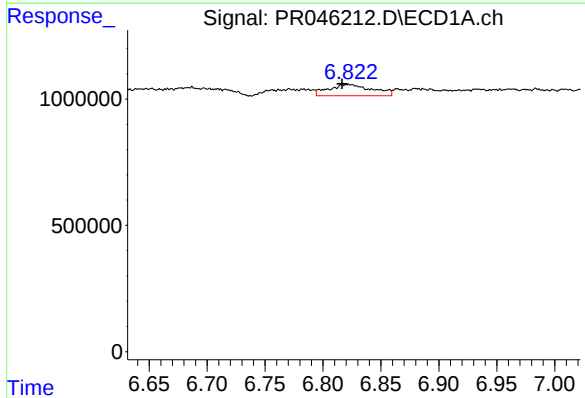
R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 385998
Conc: 5.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



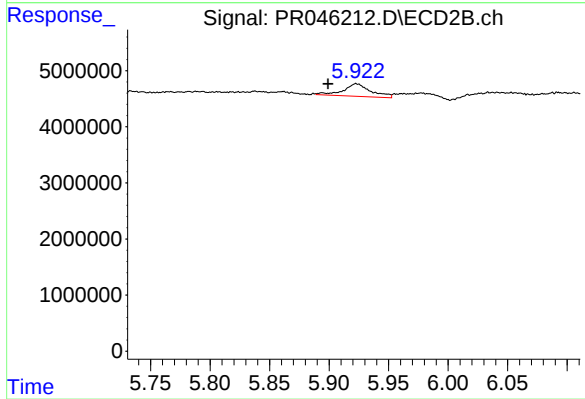
#25 AR-1248-5

R.T.: 5.923 min
Delta R.T.: -0.017 min
Response: 3610972
Conc: 7.46 ng/ml



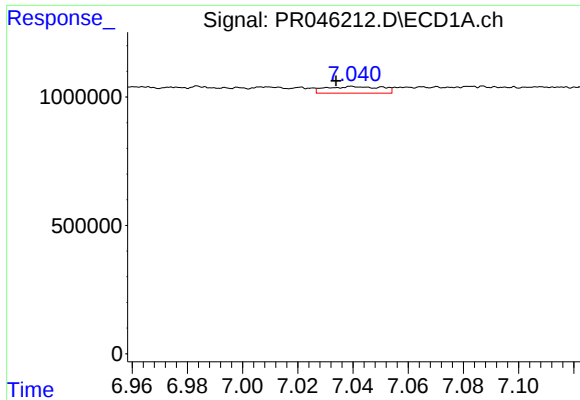
#26 AR-1254-1

R.T.: 6.822 min
Delta R.T.: 0.006 min
Response: 1182075
Conc: 15.31 ng/ml



#26 AR-1254-1

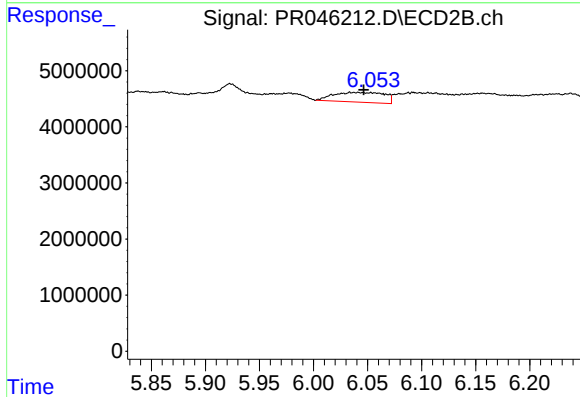
R.T.: 5.923 min
Delta R.T.: 0.024 min
Response: 3610972
Conc: 4.58 ng/ml



#27 AR-1254-2

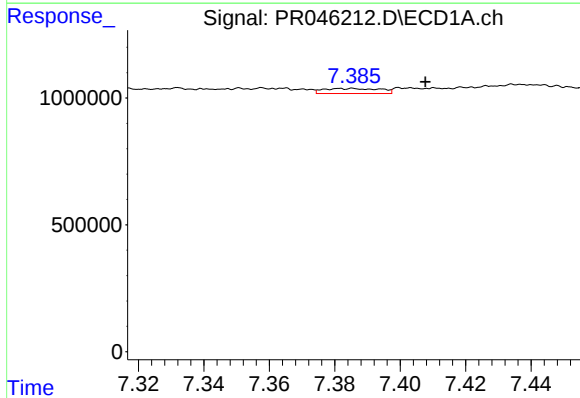
R.T.: 7.040 min
Delta R.T.: 0.006 min
Response: 364805
Conc: 2.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



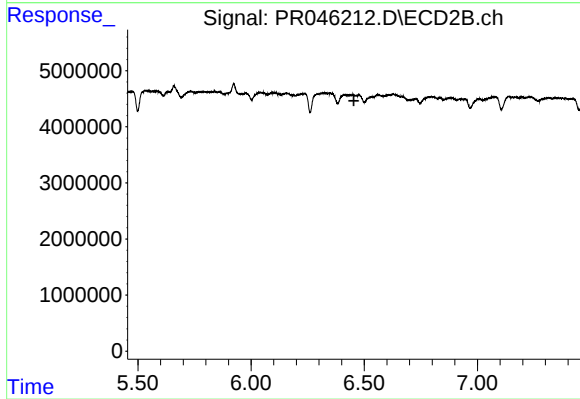
#27 AR-1254-2

R.T.: 6.040 min
Delta R.T.: -0.007 min
Response: 5658847
Conc: 8.23 ng/ml



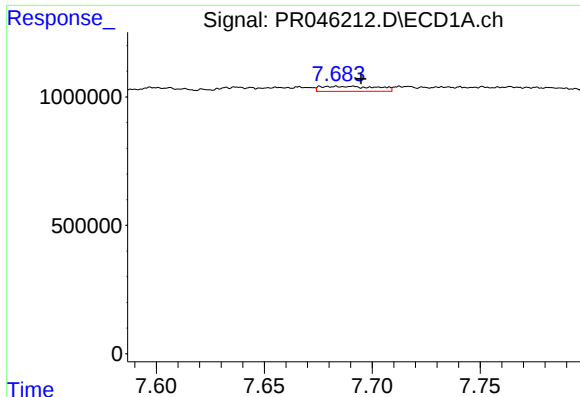
#28 AR-1254-3

R.T.: 7.385 min
Delta R.T.: -0.022 min
Response: 236470
Conc: 1.76 ng/ml



#28 AR-1254-3

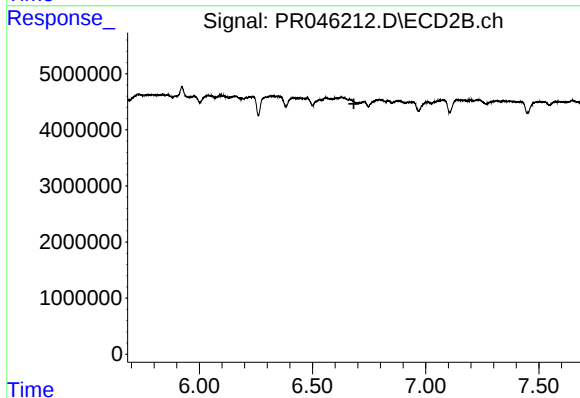
R.T.: 0.000 min
Exp R.T.: 6.454 min
Response: 0
Conc: N.D.



#29 AR-1254-4

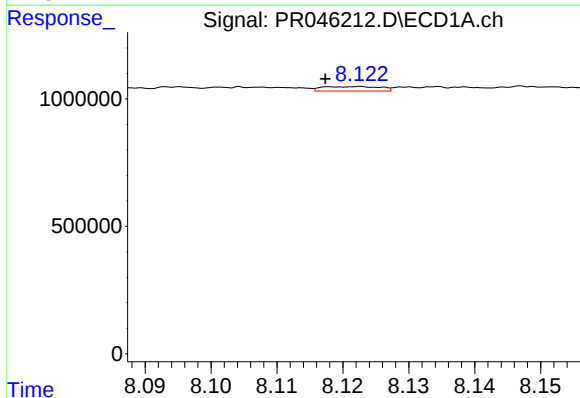
R.T.: 7.691 min
Delta R.T.: -0.004 min
Response: 356365
Conc: 3.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



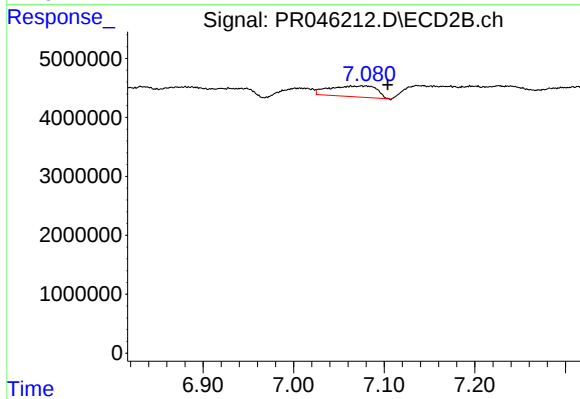
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.683 min
Response: 0
Conc: N.D.



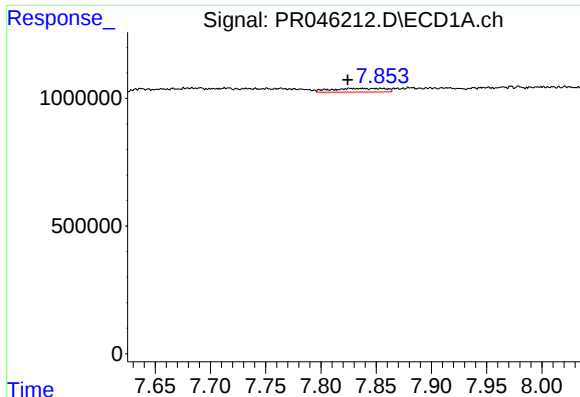
#30 AR-1254-5

R.T.: 8.122 min
Delta R.T.: 0.005 min
Response: 105366
Conc: 0.95 ng/ml



#30 AR-1254-5

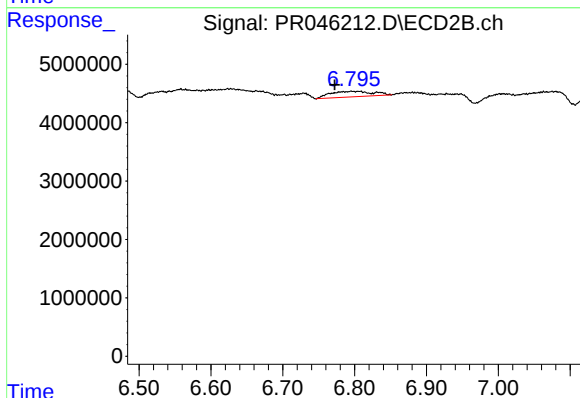
R.T.: 7.076 min
Delta R.T.: -0.028 min
Response: 6696356
Conc: 6.37 ng/ml



#32 AR-1260-2

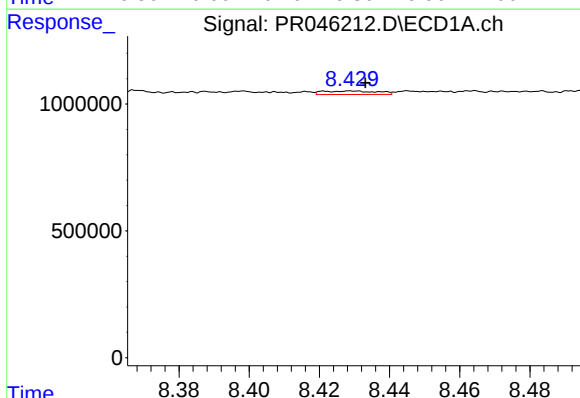
R.T.: 7.827 min
Delta R.T.: 0.002 min
Response: 480145
Conc: 4.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



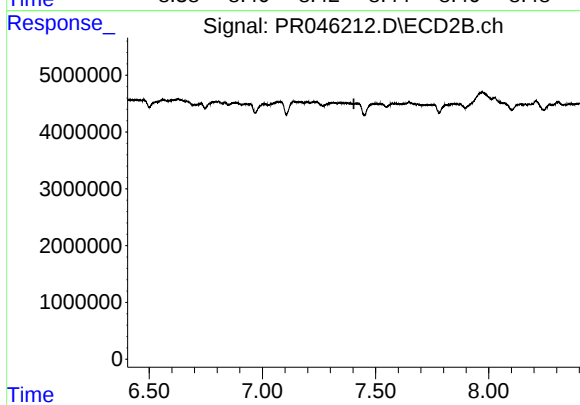
#32 AR-1260-2

R.T.: 6.796 min
Delta R.T.: 0.024 min
Response: 3899572
Conc: 4.41 ng/ml



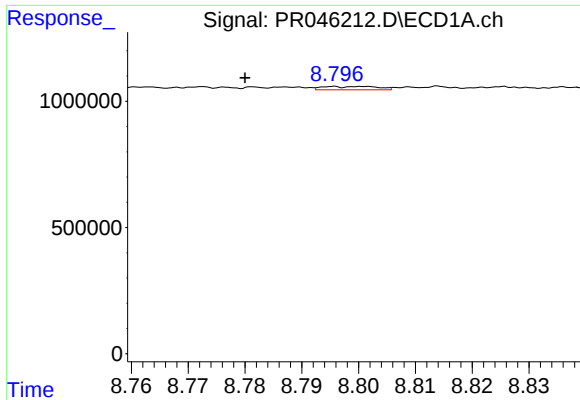
#34 AR-1260-4

R.T.: 8.429 min
Delta R.T.: -0.004 min
Response: 150467
Conc: 1.45 ng/ml



#34 AR-1260-4

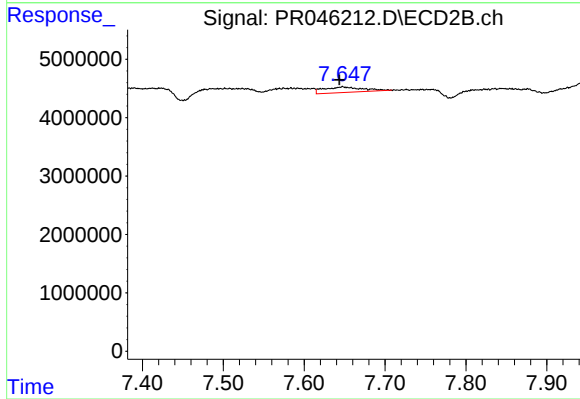
R.T.: 0.000 min
Exp R.T.: 7.404 min
Response: 0
Conc: N.D.



#35 AR-1260-5

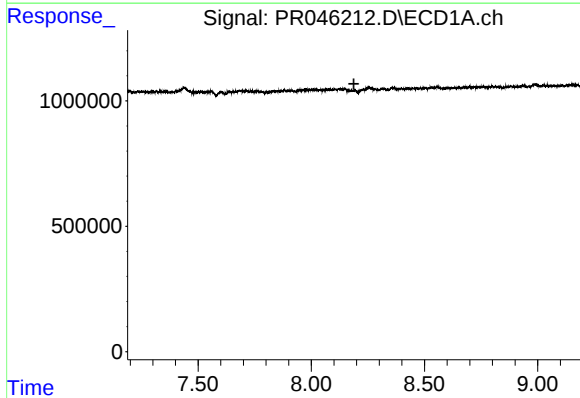
R.T.: 8.796 min
Delta R.T.: 0.016 min
Response: 90007
Conc: 0.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



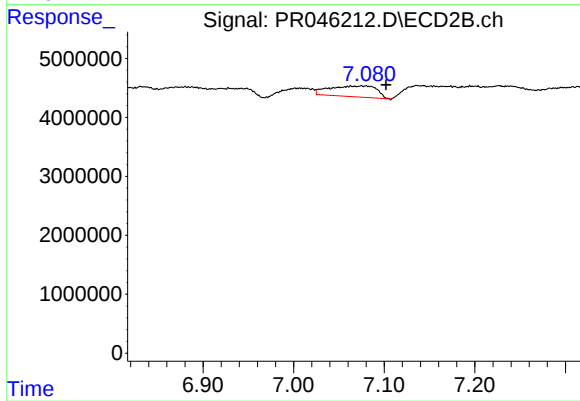
#35 AR-1260-5

R.T.: 7.648 min
Delta R.T.: 0.004 min
Response: 3204038
Conc: 1.73 ng/ml



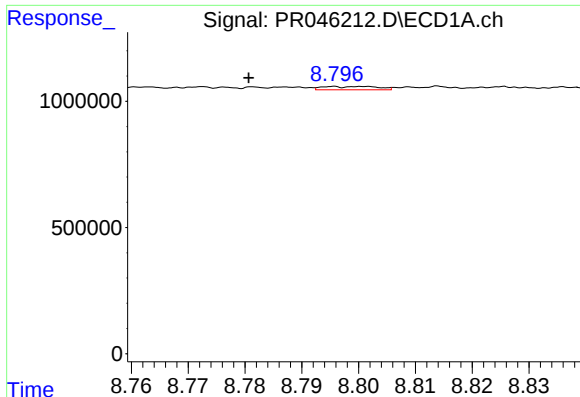
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.188 min
Response: 0
Conc: N.D.



#36 AR-1262-1

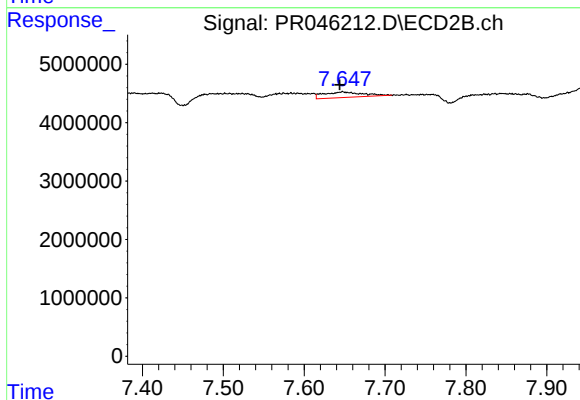
R.T.: 7.076 min
Delta R.T.: -0.026 min
Response: 6696356
Conc: 13.67 ng/ml



#37 AR-1262-2

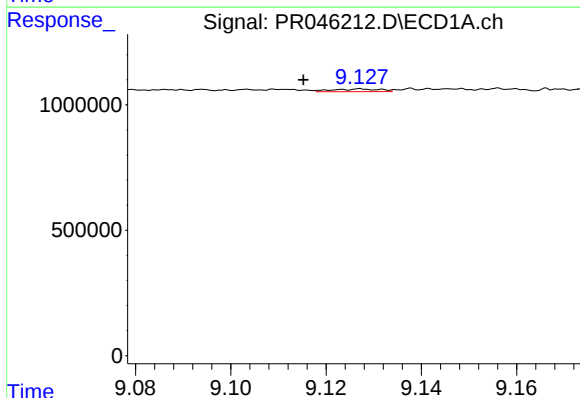
R.T.: 8.796 min
Delta R.T.: 0.015 min
Response: 90007
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



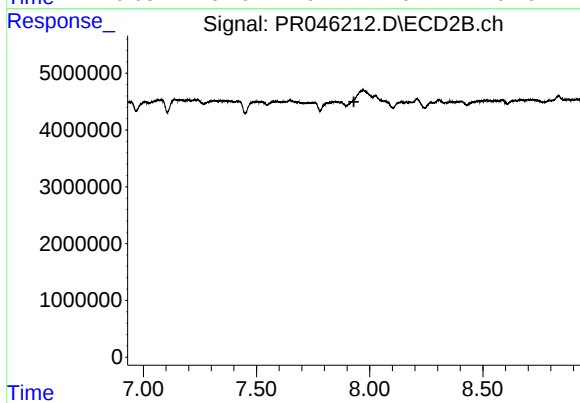
#37 AR-1262-2

R.T.: 7.648 min
Delta R.T.: 0.004 min
Response: 3204038
Conc: 1.65 ng/ml



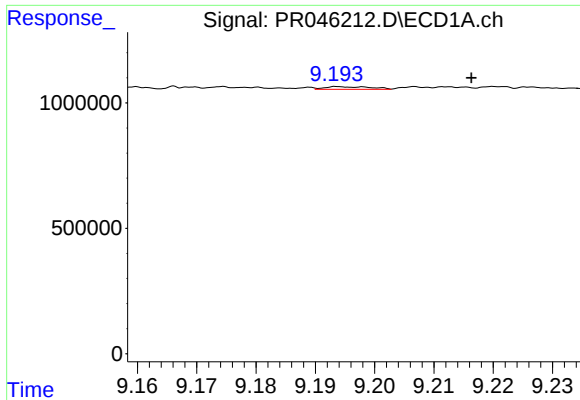
#38 AR-1262-3

R.T.: 9.127 min
Delta R.T.: 0.012 min
Response: 77582
Conc: 0.79 ng/ml



#38 AR-1262-3

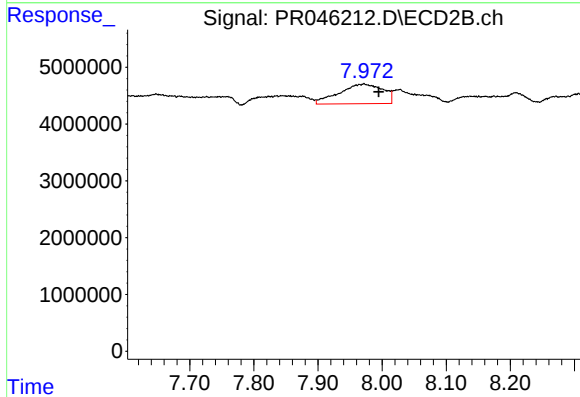
R.T.: 0.000 min
Exp R.T.: 7.930 min
Response: 0
Conc: N.D.



#39 AR-1262-4

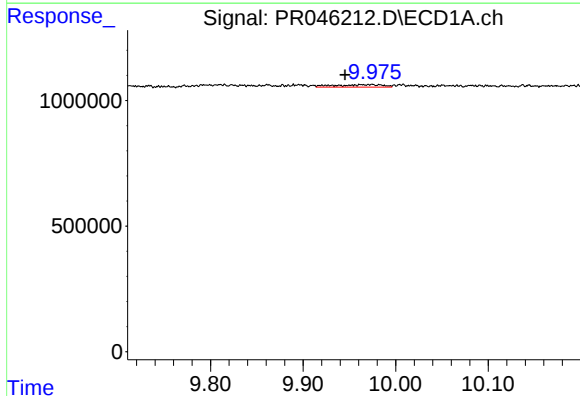
R.T.: 9.195 min
Delta R.T.: -0.022 min
Response: 58583
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



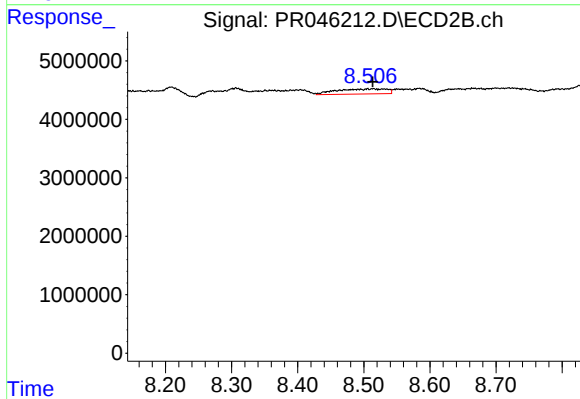
#39 AR-1262-4

R.T.: 7.971 min
Delta R.T.: -0.024 min
Response: 16442055
Conc: 11.59 ng/ml



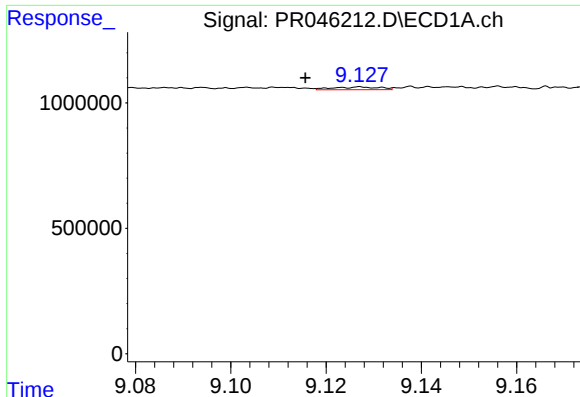
#40 AR-1262-5

R.T.: 9.974 min
Delta R.T.: 0.028 min
Response: 358167
Conc: 4.38 ng/ml



#40 AR-1262-5

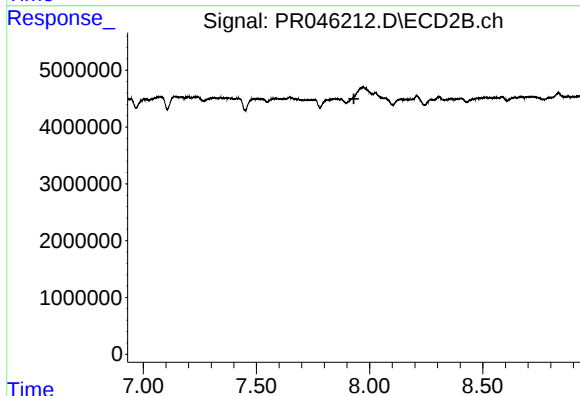
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 4628313
Conc: 6.82 ng/ml



#41 AR-1268-1

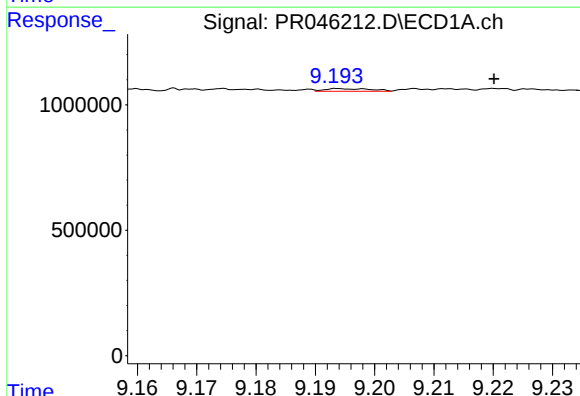
R.T.: 9.127 min
Delta R.T.: 0.012 min
Response: 77582
Conc: 0.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



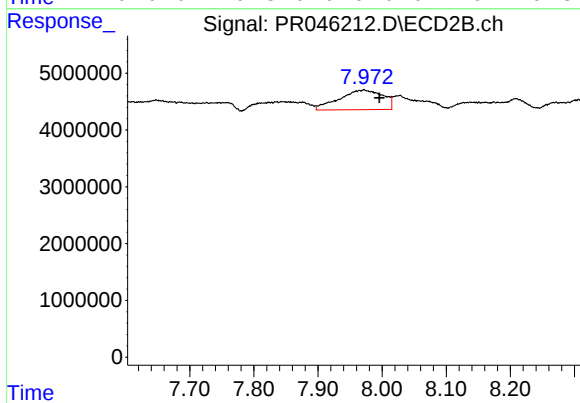
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.931 min
Response: 0
Conc: N.D.



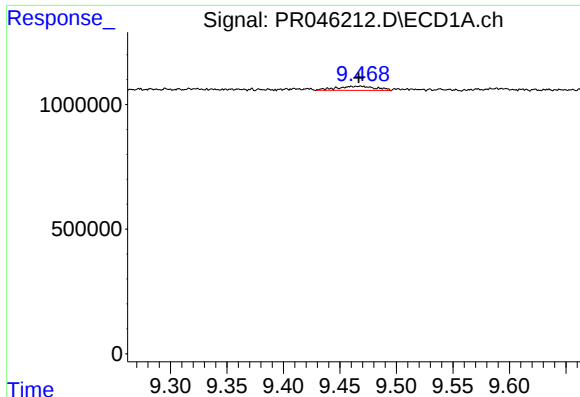
#42 AR-1268-2

R.T.: 9.195 min
Delta R.T.: -0.025 min
Response: 58583
Conc: 0.21 ng/ml



#42 AR-1268-2

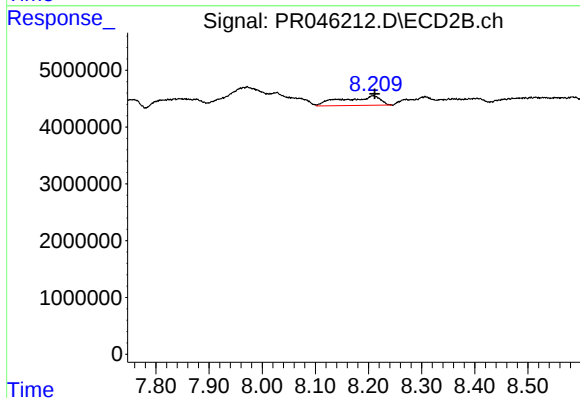
R.T.: 7.971 min
Delta R.T.: -0.025 min
Response: 16442055
Conc: 6.85 ng/ml



#43 AR-1268-3

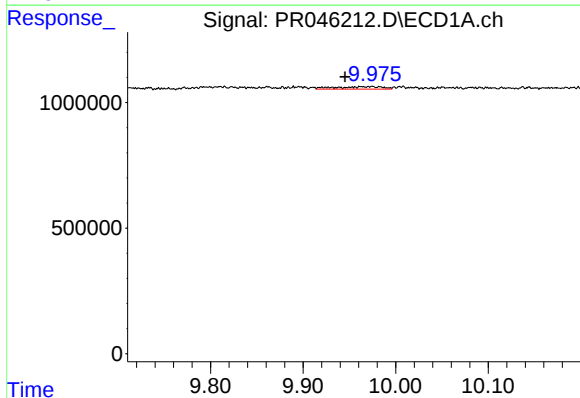
R.T.: 9.468 min
Delta R.T.: 0.002 min
Response: 404648
Conc: 1.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



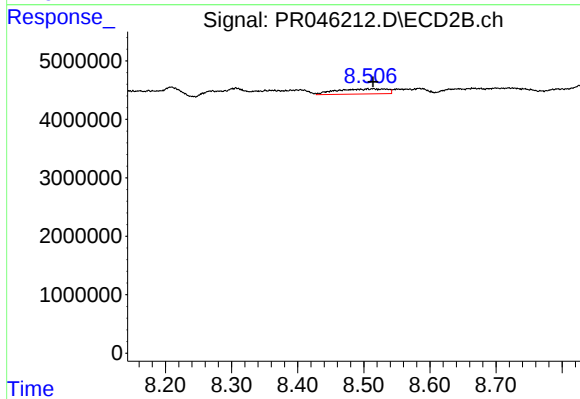
#43 AR-1268-3

R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 8033151
Conc: 4.00 ng/ml



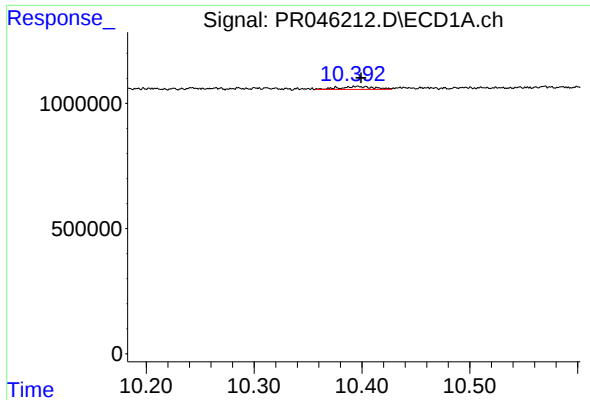
#44 AR-1268-4

R.T.: 9.974 min
Delta R.T.: 0.028 min
Response: 358167
Conc: 3.46 ng/ml



#44 AR-1268-4

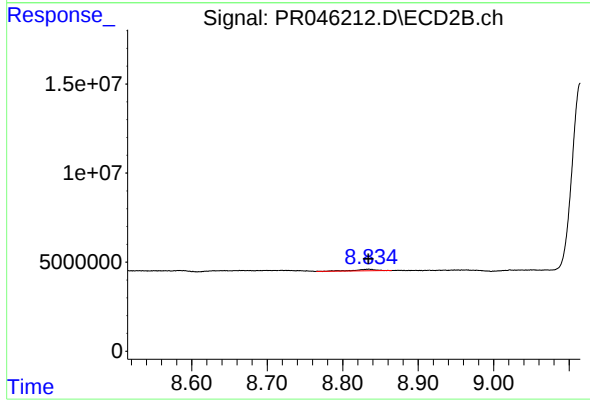
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 4628313
Conc: 5.31 ng/ml



#45 AR-1268-5

R.T.: 10.396 min
Delta R.T.: -0.004 min
Response: 265551
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020



#45 AR-1268-5

R.T.: 8.835 min
Delta R.T.: 0.000 min
Response: 1685243
Conc: 0.27 ng/ml