

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 18:53
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 15 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: Jul 30 04:15:00 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	447.4E6	258.0E6	19.161	18.251
2)	SA Decachlor...	11.377	9.545	349.3E6	284.8E6	20.762	22.580
Target Compounds							
3)	L1 AR-1016-1	6.536	5.472	1785529	1127957	2.436	2.492
4)	L1 AR-1016-2	6.554	5.495	1387991	3576449	1.236	4.825 #
5)	L1 AR-1016-3	6.598f	5.685	2192157	1676617	3.178	4.651 #
6)	L1 AR-1016-4	0.000	5.753f	0	3649651	N.D.	12.787 #
7)	L1 AR-1016-5	0.000	5.989f	0	1066214	N.D.	2.926 #
8)	L2 AR-1221-1	5.454	4.467	7688208	2746633	31.777	19.277 #
9)	L2 AR-1221-2	5.559	4.567	11165944	5143618	61.641	48.759
10)	L2 AR-1221-3	5.644	4.656	13902095	8364974	24.296	23.838
11)	L3 AR-1232-1	5.644	4.656	13902095	8364974	35.586	35.838
12)	L3 AR-1232-2	0.000	5.495	0	3576449	N.D.	12.349 #
13)	L3 AR-1232-3	6.554	5.685	1387991	1676617	3.235	12.637 #
14)	L3 AR-1232-4	0.000	5.783	0	770862	N.D.	6.755 #
15)	L3 AR-1232-5	0.000	5.989f	0	1066214	N.D.	8.297 #
16)	L4 AR-1242-1	6.536	5.472	1785529	1127957	3.888	4.148
17)	L4 AR-1242-2	6.554	5.495	1387991	3576449	1.969	7.599 #
18)	L4 AR-1242-3	6.598f	5.685	2192157	1676617	5.035	7.600 #
19)	L4 AR-1242-4	0.000	5.783	0	770862	N.D.	3.563 #
20)	L4 AR-1242-5	0.000	6.347	0	5230610	N.D.	17.632 #
21)	L5 AR-1248-1	6.536	5.472	1785529	1127957	4.813	4.999
22)	L5 AR-1248-2	0.000	5.753f	0	3649651	N.D.	11.120 #
23)	L5 AR-1248-3	0.000	5.783	0	770862	N.D.	2.331 #
24)	L5 AR-1248-4	7.471	5.989f	1207574	1066214	1.818	2.686 #
25)	L5 AR-1248-5	0.000	6.380	0	959512	N.D.	2.407 #
26)	L6 AR-1254-1	7.436	6.347	3524274	5230610	4.986	7.822 #
27)	L6 AR-1254-2	0.000	6.510	0	5660791	N.D.	9.206 #
28)	L6 AR-1254-3	0.000	6.942f	0	4525777	N.D.	4.687 #
29)	L6 AR-1254-4	0.000	7.166	0	4581591	N.D.	6.875 #
30)	L6 AR-1254-5	0.000	7.592	0	5086217	N.D.	5.215 #
31)	L7 AR-1260-1	0.000	7.061	0	6361455	N.D.	8.487 #
32)	L7 AR-1260-2	8.492	7.234f	3893304	4208480	3.429	4.029
33)	L7 AR-1260-3	0.000	7.405	0	6150315	N.D.	7.067 #
34)	L7 AR-1260-4	0.000	7.897	0	1089641	N.D.	1.750 #
35)	L7 AR-1260-5	0.000	8.143	0	2467580	N.D.	1.440 #
36)	L8 AR-1262-1	0.000	7.592	0	5086217	N.D.	11.254 #
37)	L8 AR-1262-2	0.000	8.143	0	2467580	N.D.	1.310 #
43)	L9 AR-1268-3	0.000	8.702	0	2162761	N.D.	1.294 #
45)	L9 AR-1268-5	11.013	9.289	2702718	2667378	0.496	0.566

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Integration File signal 1: autoint1.e
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Quant Time: Jul 30 04:15:00 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
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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

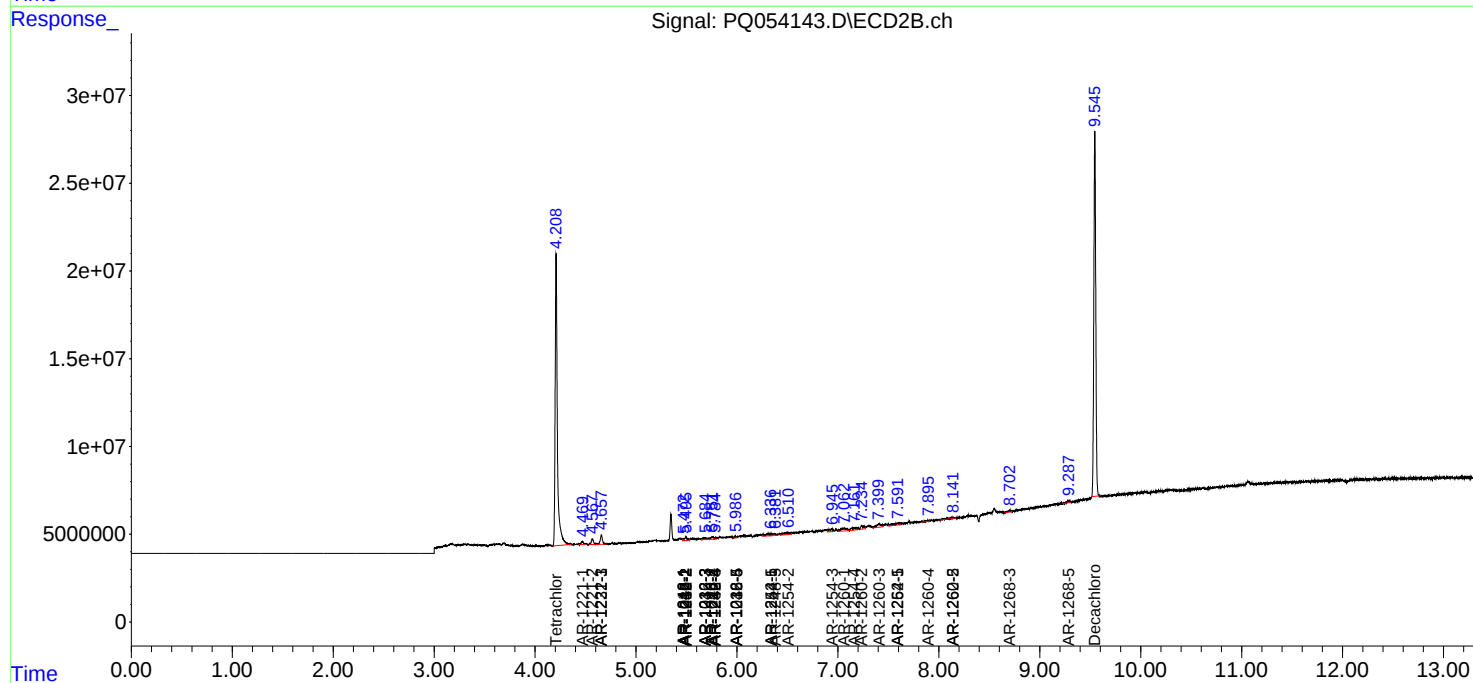
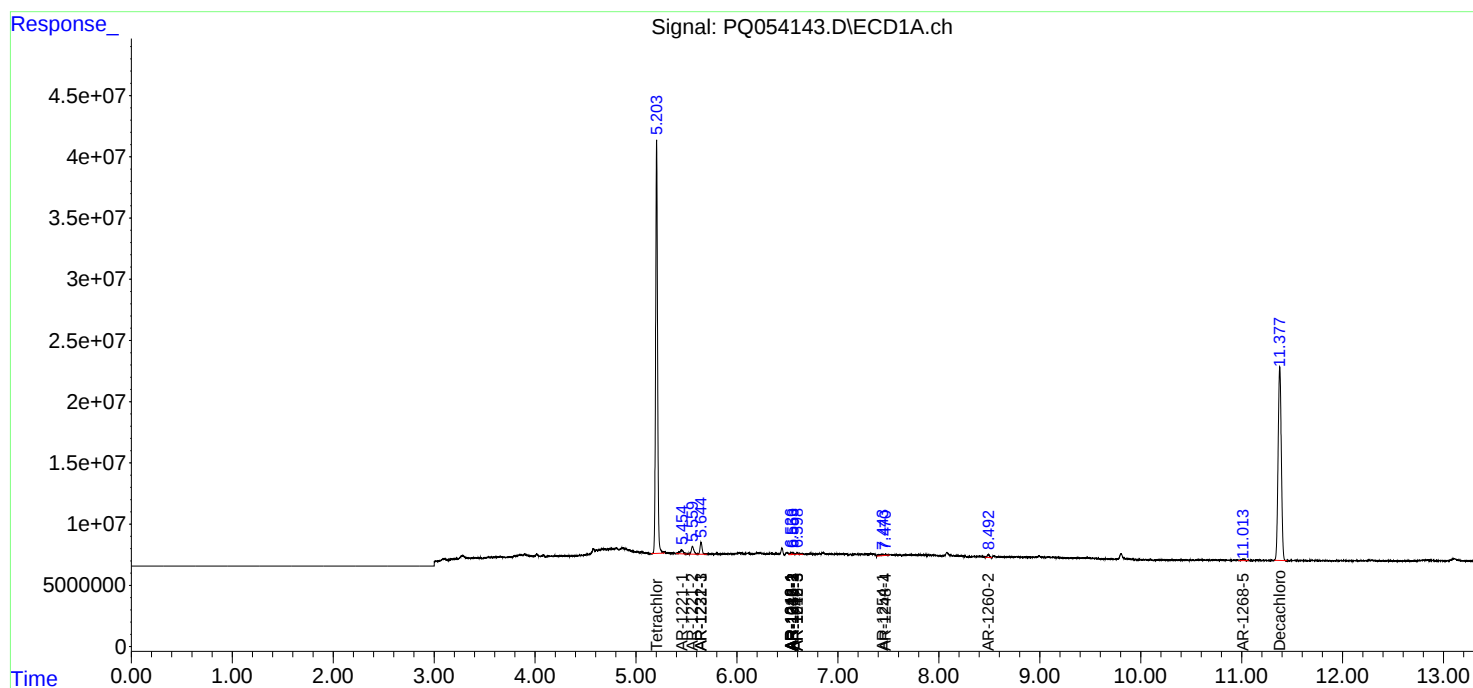
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

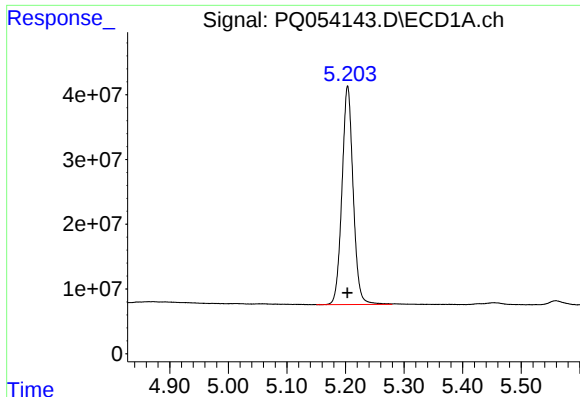
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
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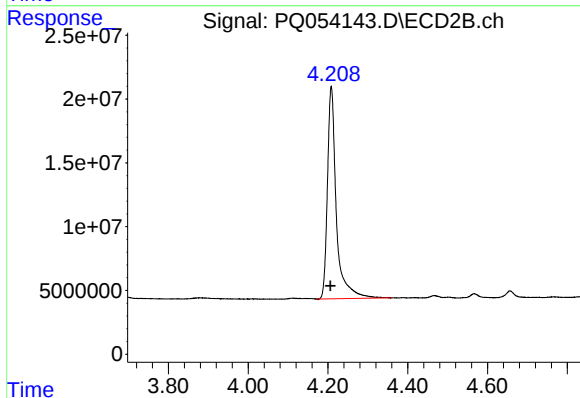




#1 Tetrachloro-m-xylene

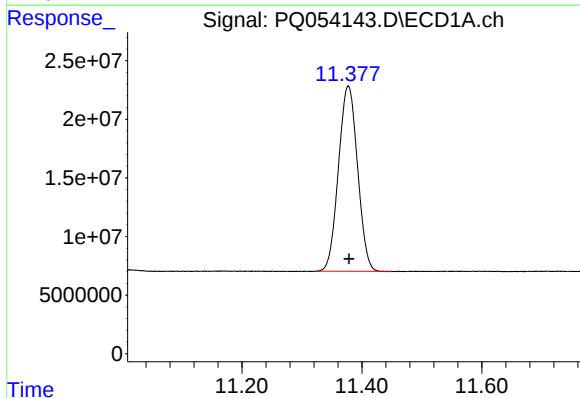
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 447446720
Conc: 19.16 ng/ml

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



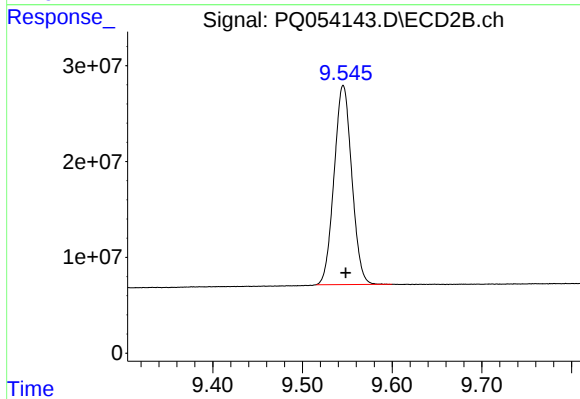
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 258011308
Conc: 18.25 ng/ml



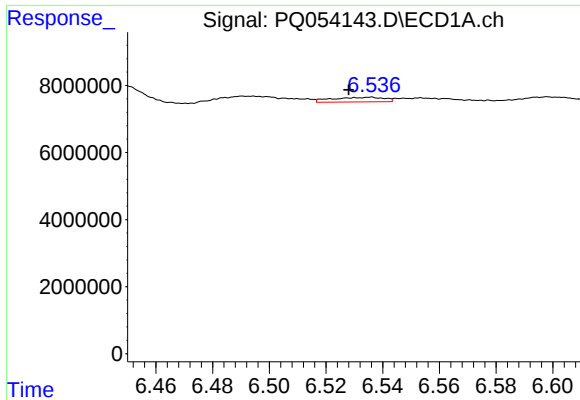
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.001 min
Response: 349346728
Conc: 20.76 ng/ml



#2 Decachlorobiphenyl

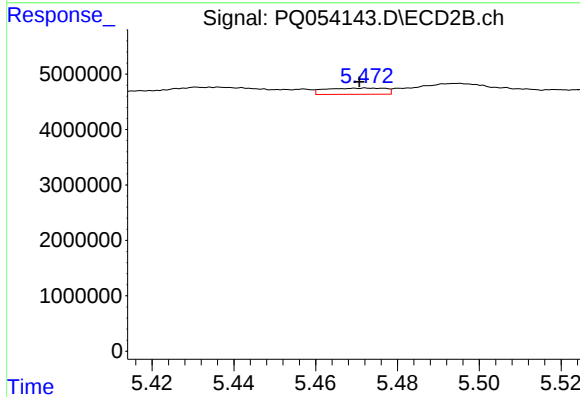
R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 284828996
Conc: 22.58 ng/ml



#3 AR-1016-1

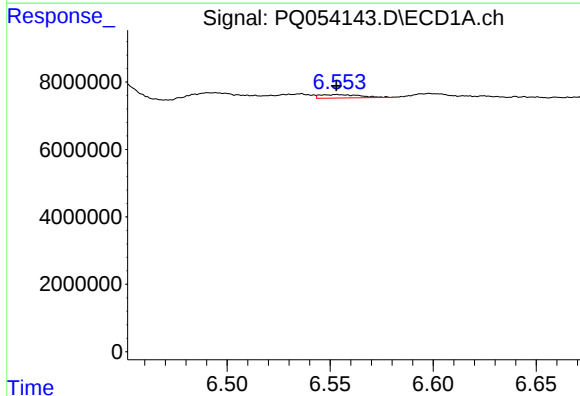
R.T.: 6.536 min
Delta R.T.: 0.008 min
Response: 1785529
Conc: 2.44 ng/ml

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



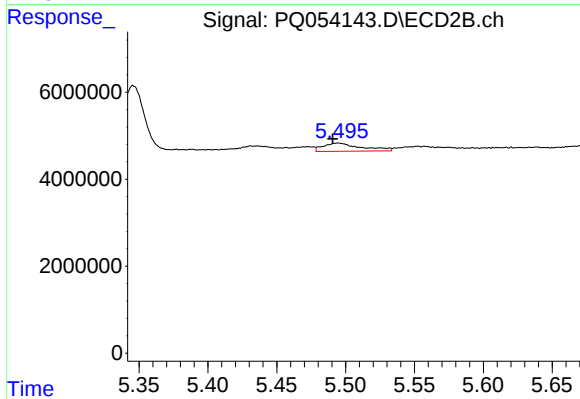
#3 AR-1016-1

R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 1127957
Conc: 2.49 ng/ml



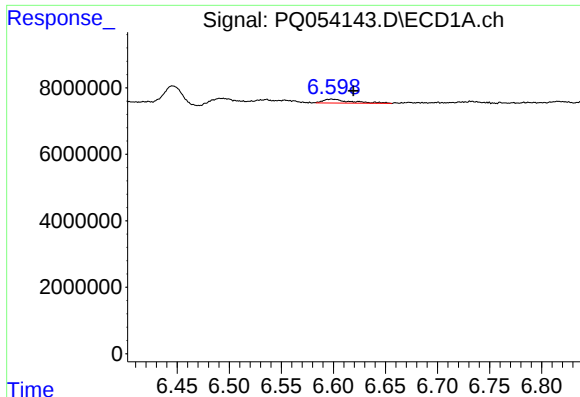
#4 AR-1016-2

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1387991
Conc: 1.24 ng/ml



#4 AR-1016-2

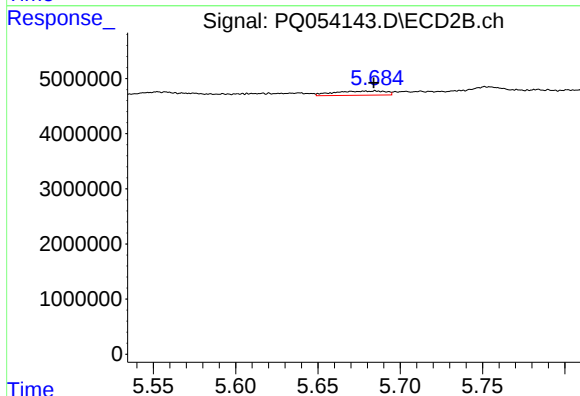
R.T.: 5.495 min
Delta R.T.: 0.004 min
Response: 3576449
Conc: 4.82 ng/ml



#5 AR-1016-3

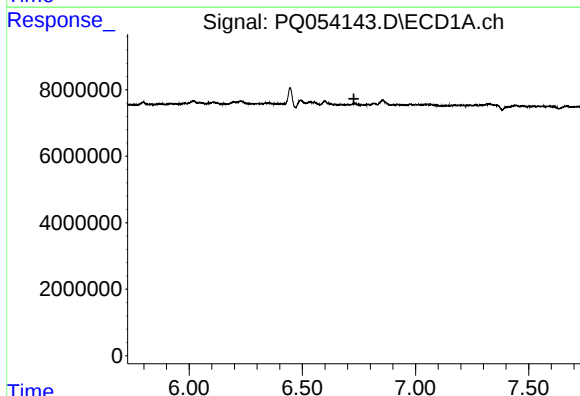
R.T.: 6.598 min
Delta R.T.: -0.021 min
Response: 2192157
Conc: 3.18 ng/ml

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



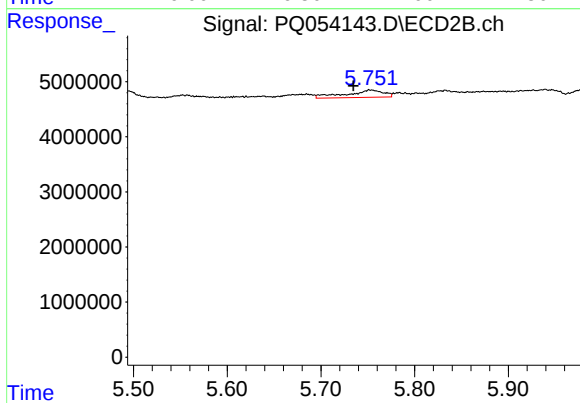
#5 AR-1016-3

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 1676617
Conc: 4.65 ng/ml



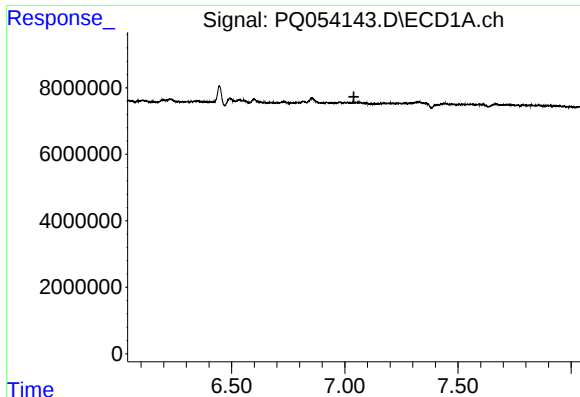
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

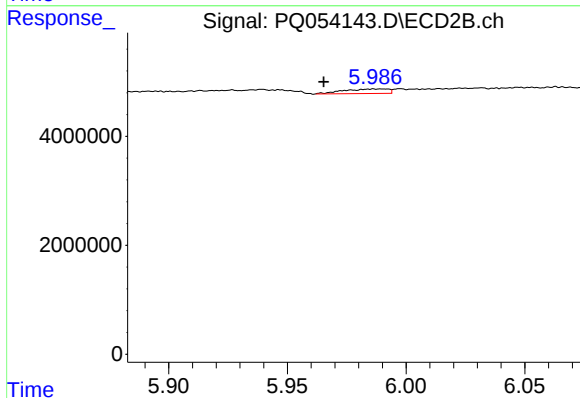
R.T.: 5.753 min
Delta R.T.: 0.018 min
Response: 3649651
Conc: 12.79 ng/ml



#7 AR-1016-5

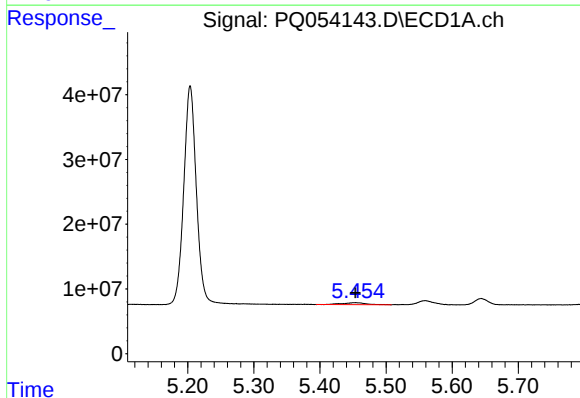
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

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



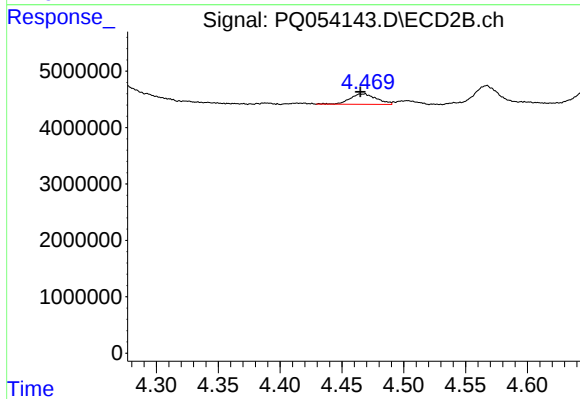
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.024 min
Response: 1066214
Conc: 2.93 ng/ml



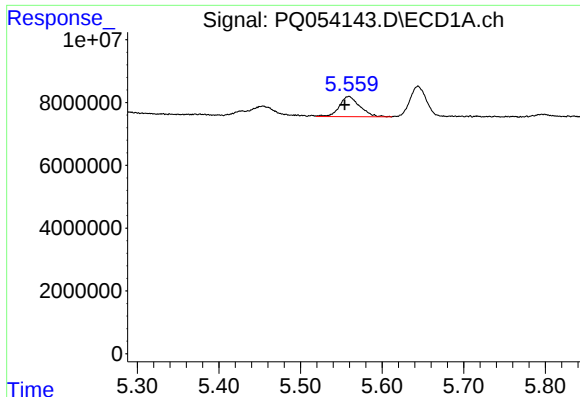
#8 AR-1221-1

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 7688208
Conc: 31.78 ng/ml



#8 AR-1221-1

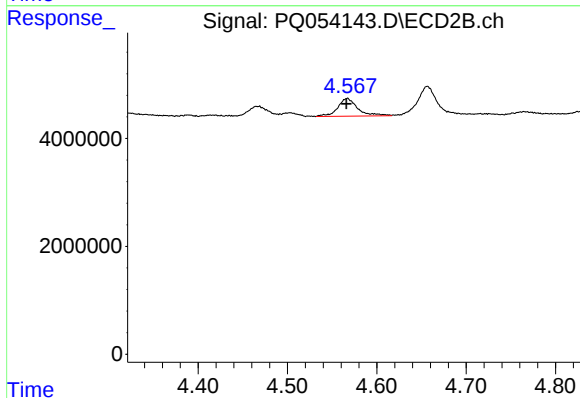
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 2746633
Conc: 19.28 ng/ml



#9 AR-1221-2

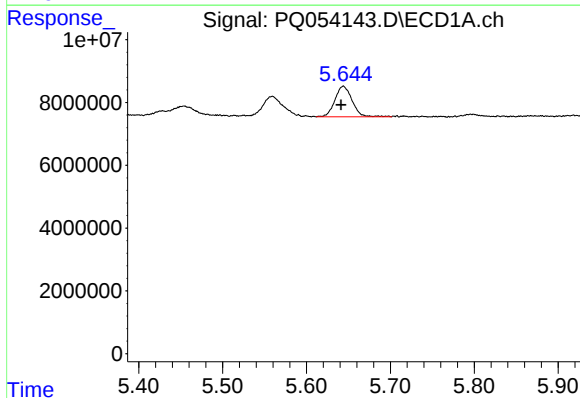
R.T.: 5.559 min
Delta R.T.: 0.005 min
Response: 11165944
Conc: 61.64 ng/ml

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



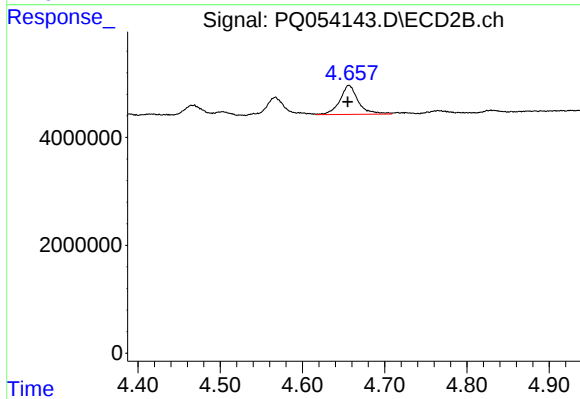
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 5143618
Conc: 48.76 ng/ml



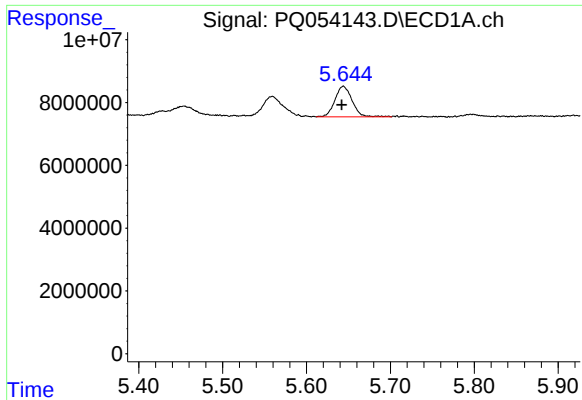
#10 AR-1221-3

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 13902095
Conc: 24.30 ng/ml



#10 AR-1221-3

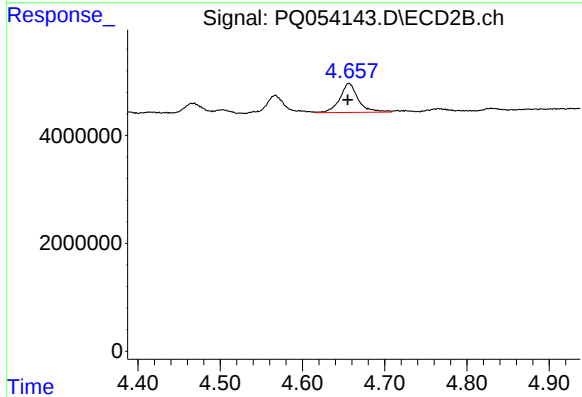
R.T.: 4.656 min
Delta R.T.: 0.001 min
Response: 8364974
Conc: 23.84 ng/ml



#11 AR-1232-1

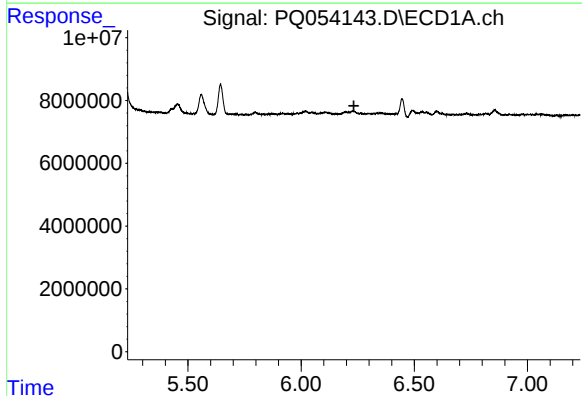
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 13902095
Conc: 35.59 ng/ml

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



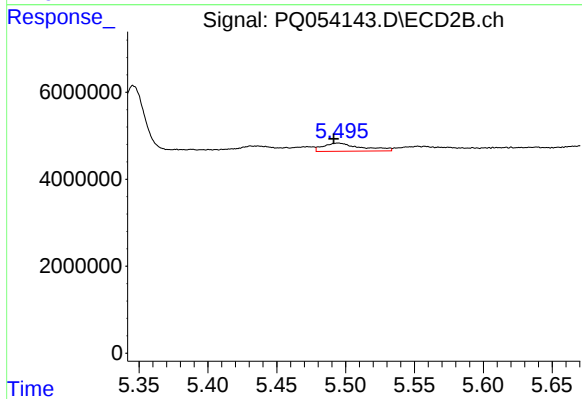
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.001 min
Response: 8364974
Conc: 35.84 ng/ml



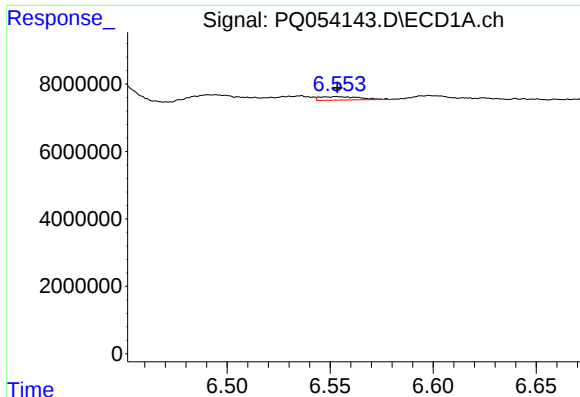
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

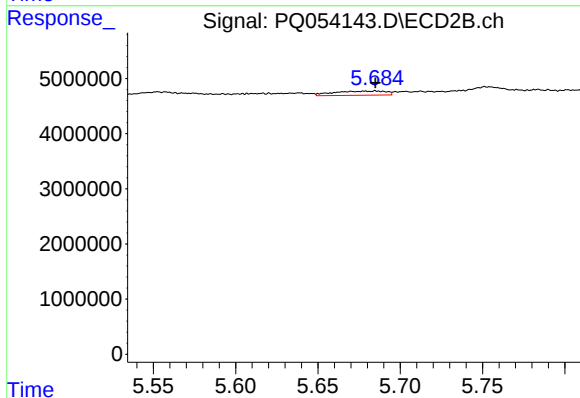
R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 3576449
Conc: 12.35 ng/ml



#13 AR-1232-3

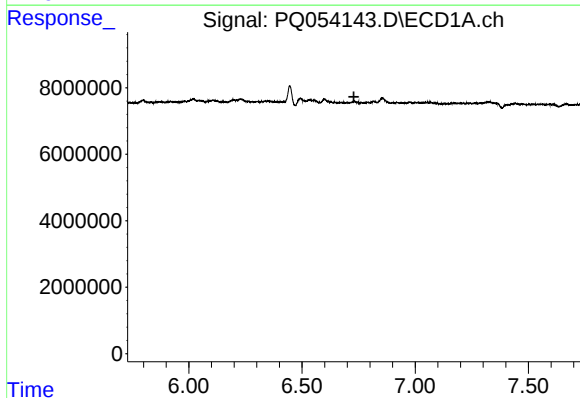
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1387991
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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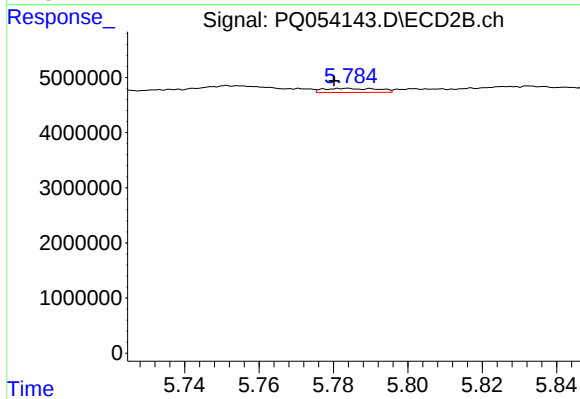
#13 AR-1232-3

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 1676617
Conc: 12.64 ng/ml



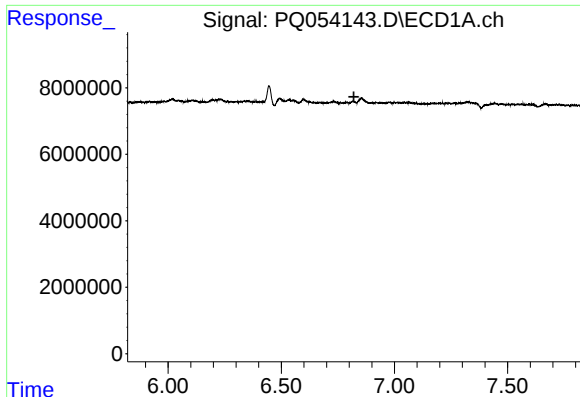
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

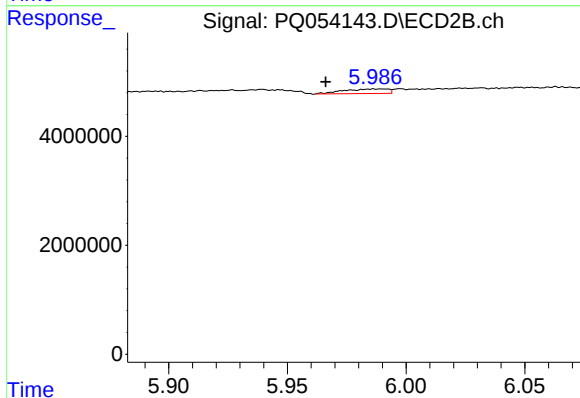
R.T.: 5.783 min
Delta R.T.: 0.003 min
Response: 770862
Conc: 6.76 ng/ml



#15 AR-1232-5

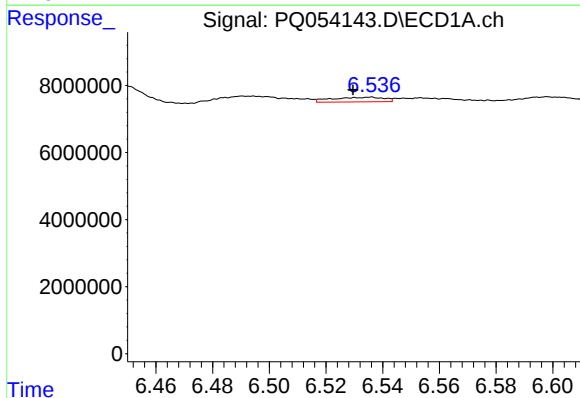
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
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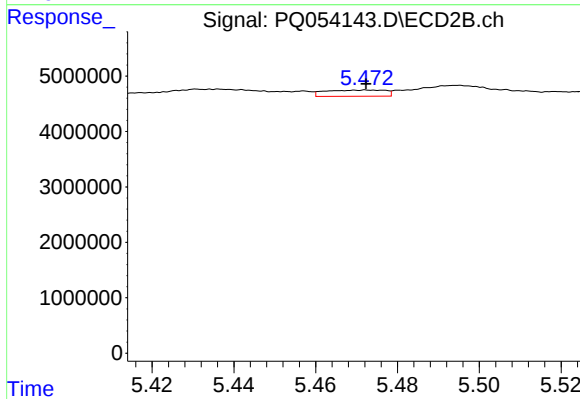
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.023 min
Response: 1066214
Conc: 8.30 ng/ml



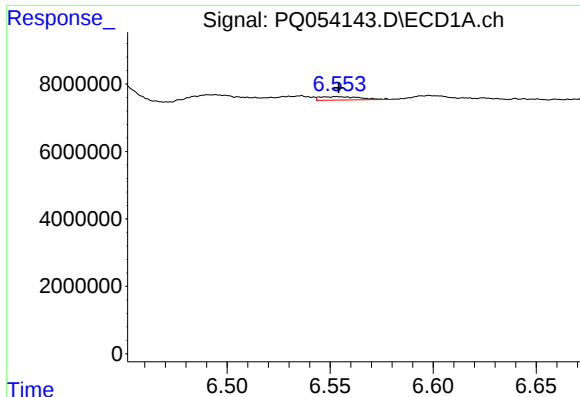
#16 AR-1242-1

R.T.: 6.536 min
Delta R.T.: 0.006 min
Response: 1785529
Conc: 3.89 ng/ml



#16 AR-1242-1

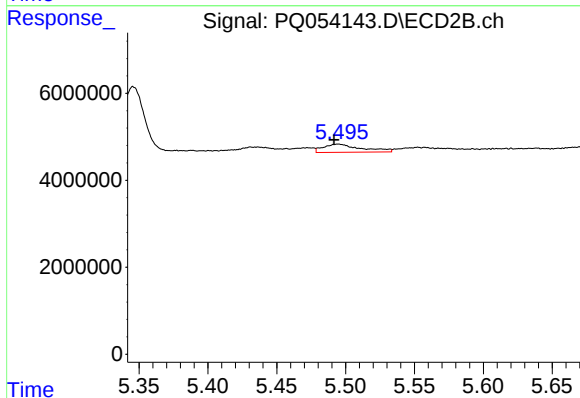
R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 1127957
Conc: 4.15 ng/ml



#17 AR-1242-2

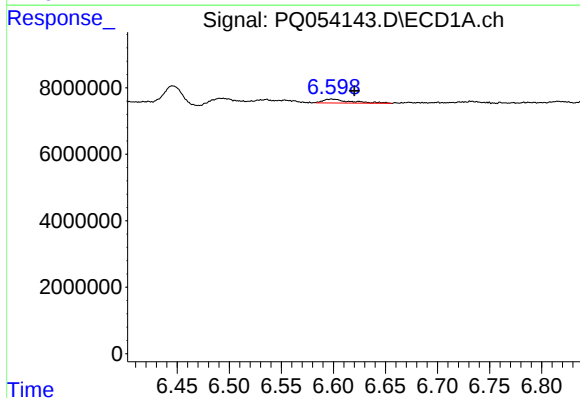
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1387991
Conc: 1.97 ng/ml

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



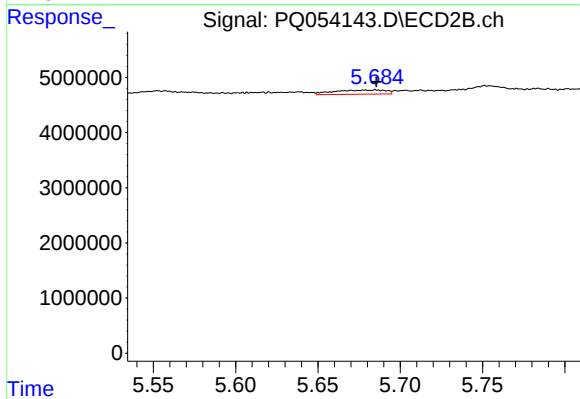
#17 AR-1242-2

R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 3576449
Conc: 7.60 ng/ml



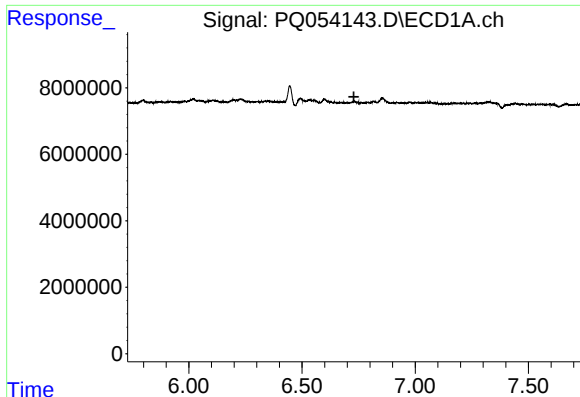
#18 AR-1242-3

R.T.: 6.598 min
Delta R.T.: -0.022 min
Response: 2192157
Conc: 5.04 ng/ml



#18 AR-1242-3

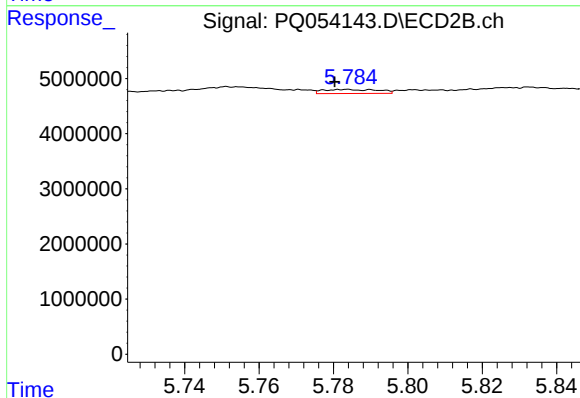
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 1676617
Conc: 7.60 ng/ml



#19 AR-1242-4

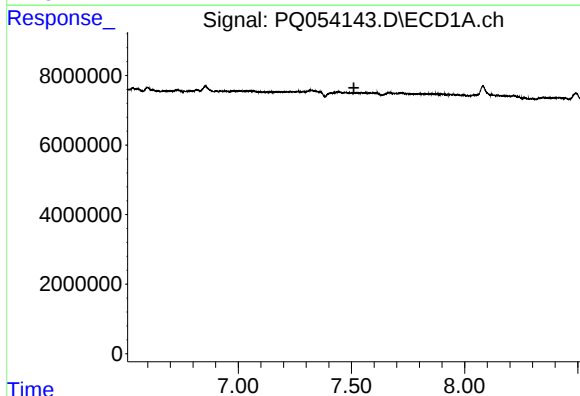
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

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



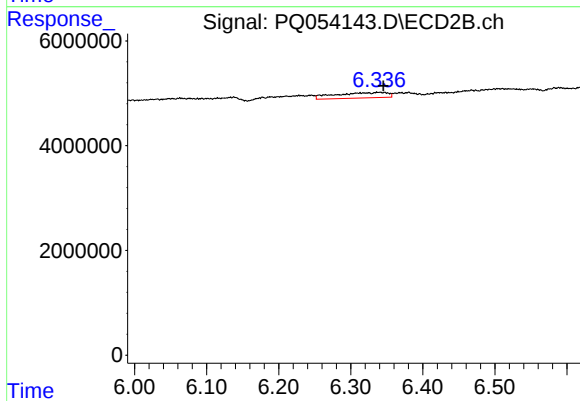
#19 AR-1242-4

R.T.: 5.783 min
Delta R.T.: 0.003 min
Response: 770862
Conc: 3.56 ng/ml



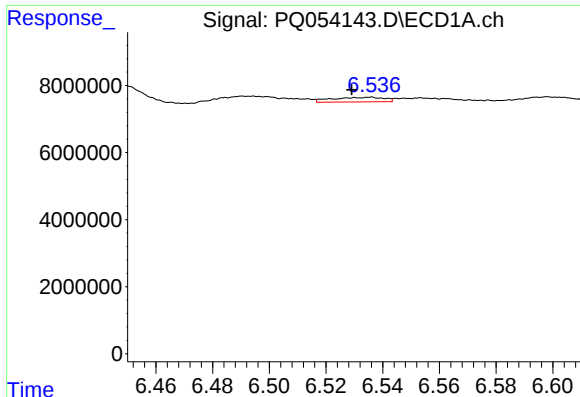
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

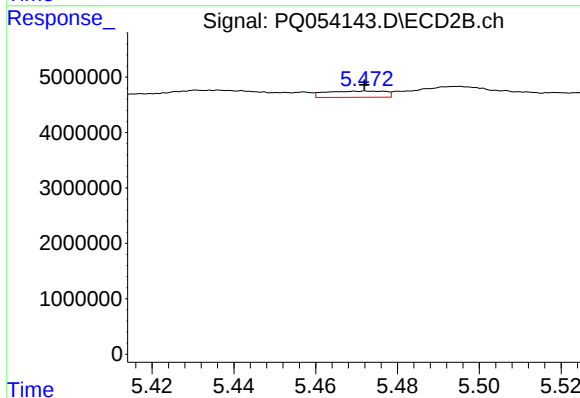
R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 5230610
Conc: 17.63 ng/ml



#21 AR-1248-1

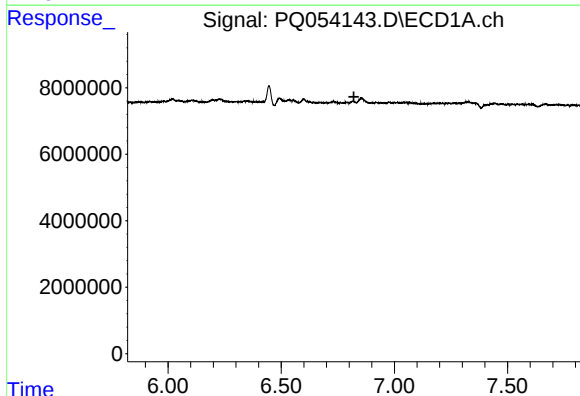
R.T.: 6.536 min
Delta R.T.: 0.007 min
Response: 1785529
Conc: 4.81 ng/ml

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



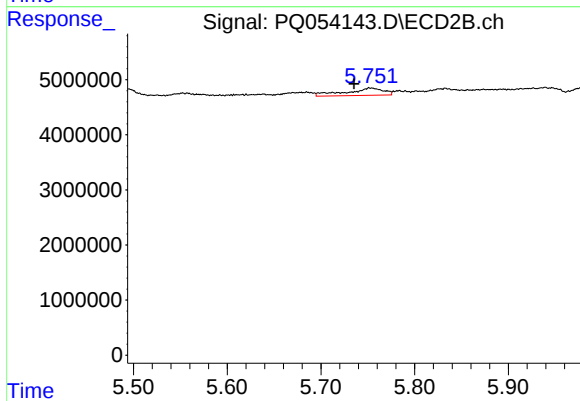
#21 AR-1248-1

R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 1127957
Conc: 5.00 ng/ml



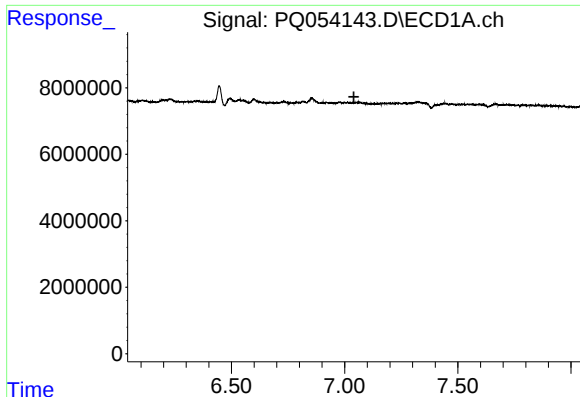
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.821 min
Response: 0
Conc: N.D.



#22 AR-1248-2

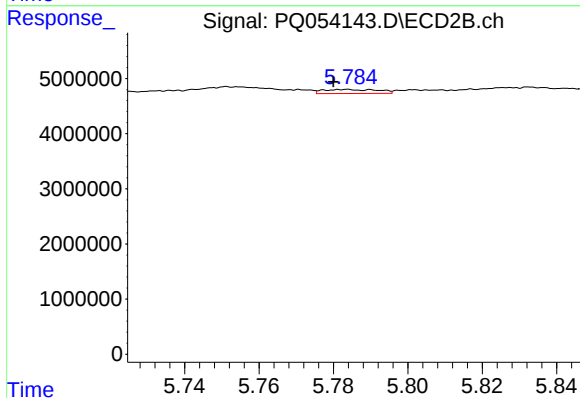
R.T.: 5.753 min
Delta R.T.: 0.017 min
Response: 3649651
Conc: 11.12 ng/ml



#23 AR-1248-3

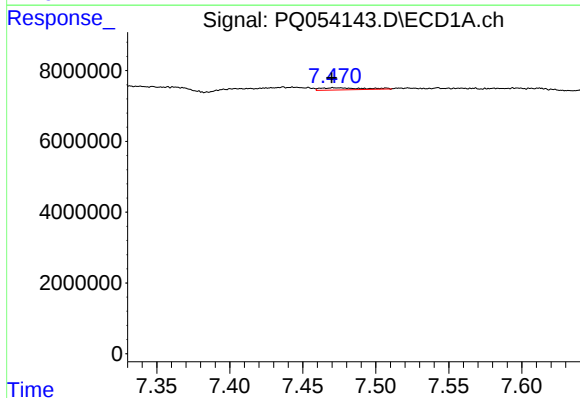
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

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



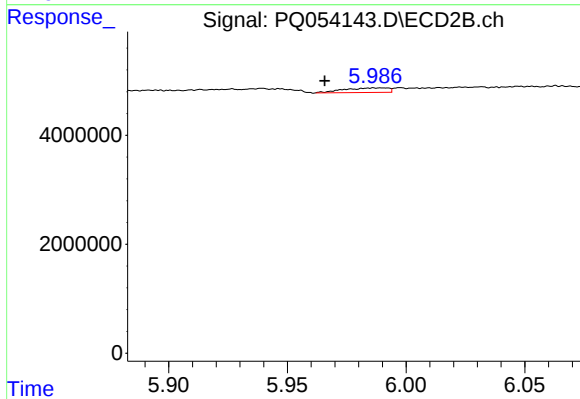
#23 AR-1248-3

R.T.: 5.783 min
Delta R.T.: 0.003 min
Response: 770862
Conc: 2.33 ng/ml



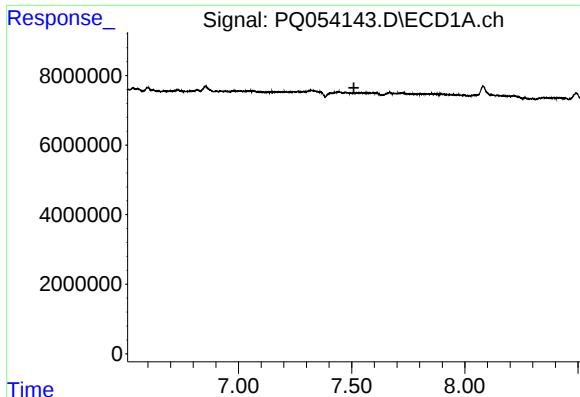
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 1207574
Conc: 1.82 ng/ml



#24 AR-1248-4

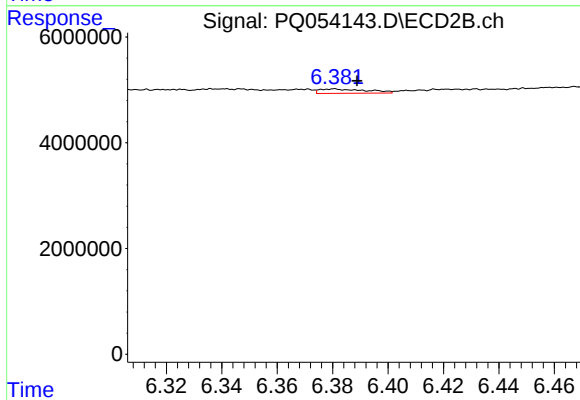
R.T.: 5.989 min
Delta R.T.: 0.023 min
Response: 1066214
Conc: 2.69 ng/ml



#25 AR-1248-5

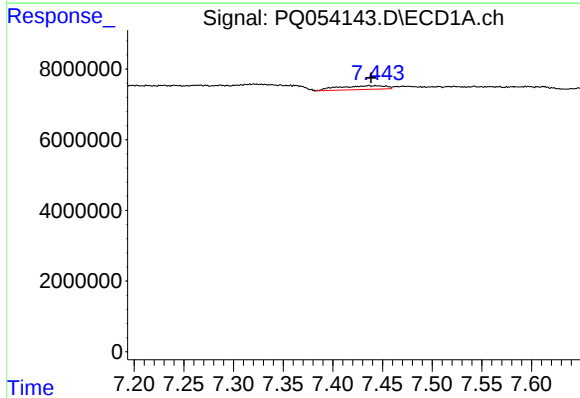
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

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



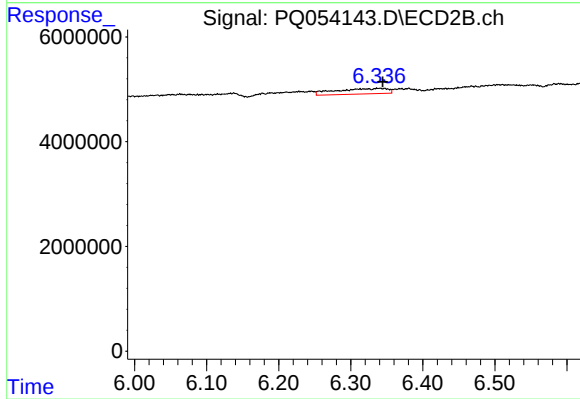
#25 AR-1248-5

R.T.: 6.380 min
Delta R.T.: -0.008 min
Response: 959512
Conc: 2.41 ng/ml



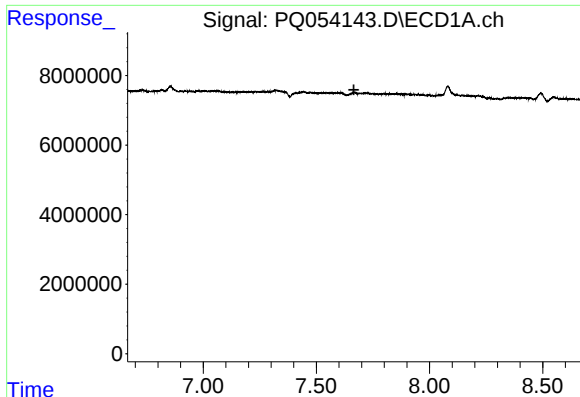
#26 AR-1254-1

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 3524274
Conc: 4.99 ng/ml



#26 AR-1254-1

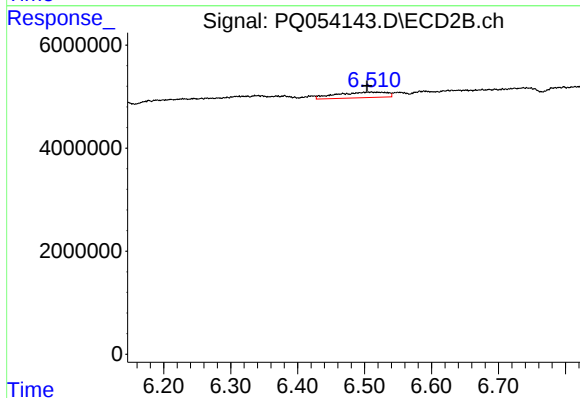
R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 5230610
Conc: 7.82 ng/ml



#27 AR-1254-2

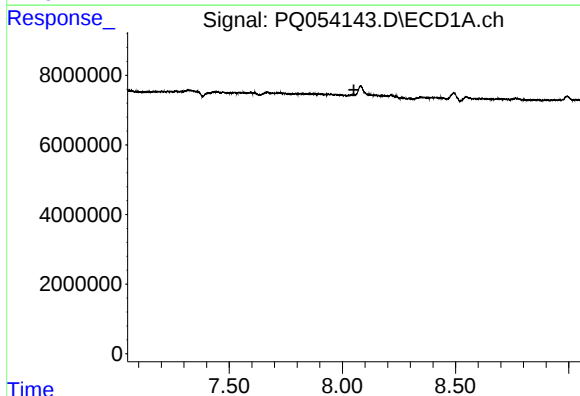
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

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



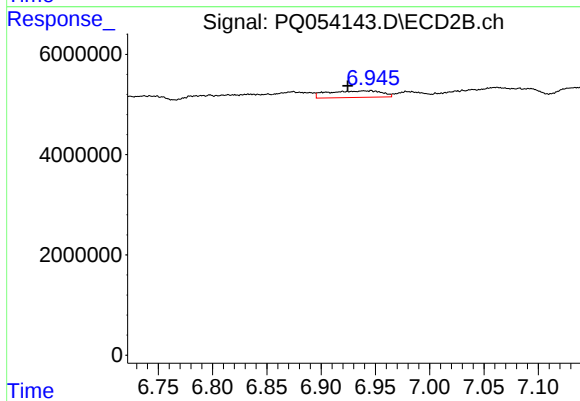
#27 AR-1254-2

R.T.: 6.510 min
Delta R.T.: 0.006 min
Response: 5660791
Conc: 9.21 ng/ml



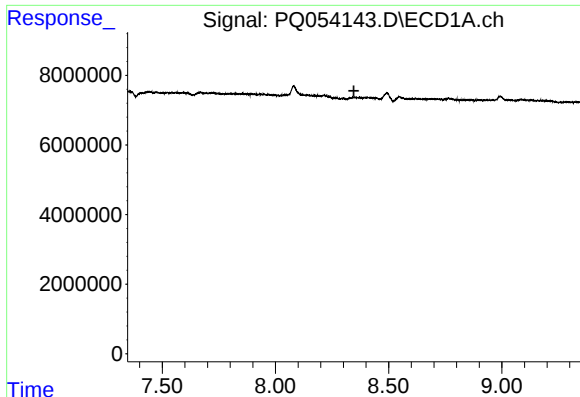
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.051 min
Response: 0
Conc: N.D.



#28 AR-1254-3

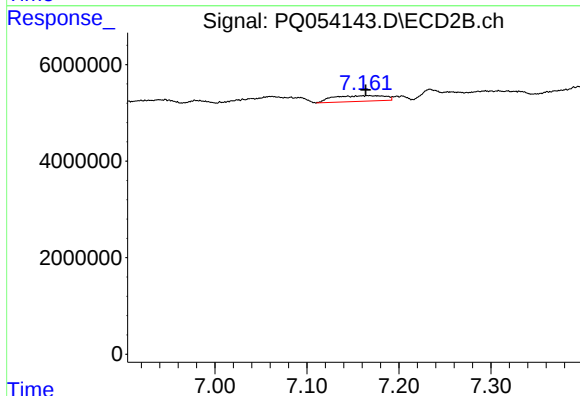
R.T.: 6.942 min
Delta R.T.: 0.017 min
Response: 4525777
Conc: 4.69 ng/ml



#29 AR-1254-4

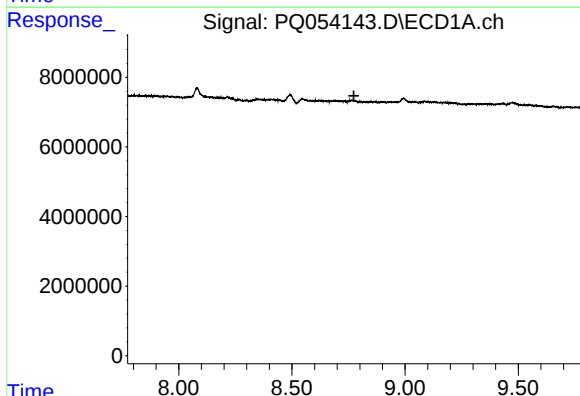
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

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



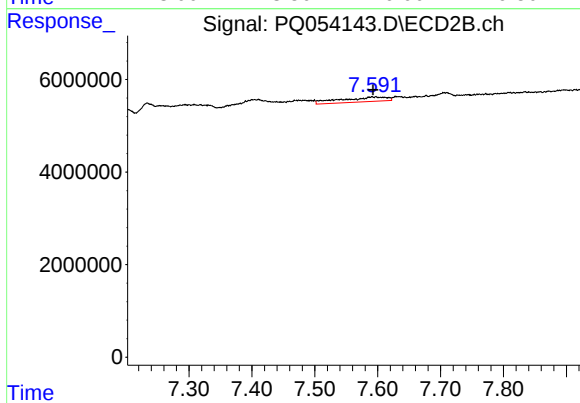
#29 AR-1254-4

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 4581591
Conc: 6.87 ng/ml



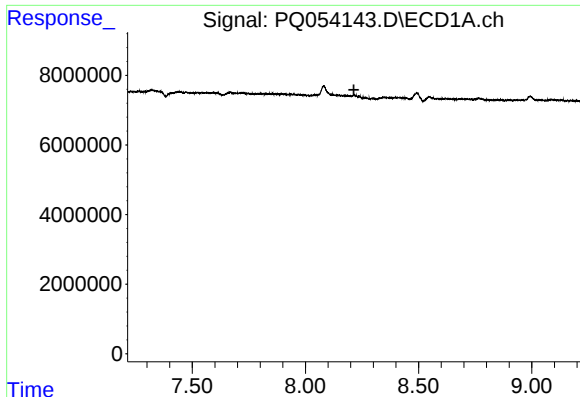
#30 AR-1254-5

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



#30 AR-1254-5

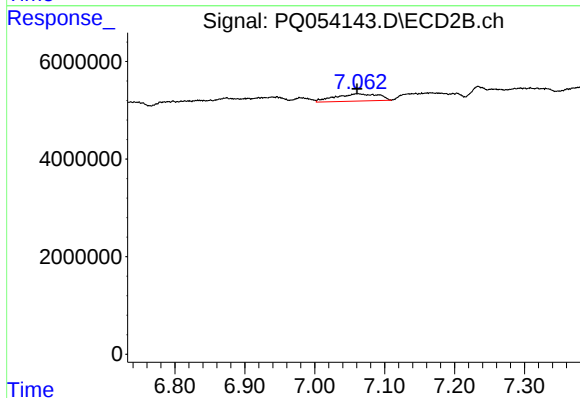
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 5086217
Conc: 5.21 ng/ml



#31 AR-1260-1

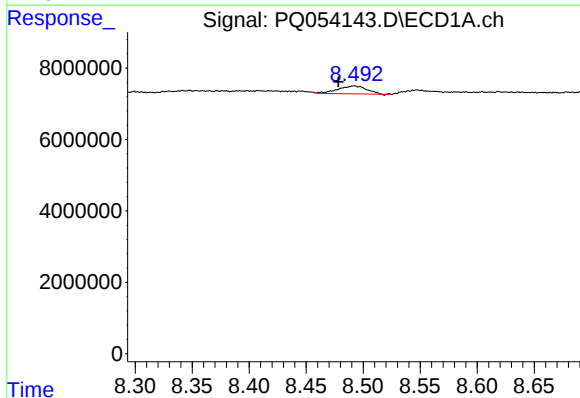
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

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



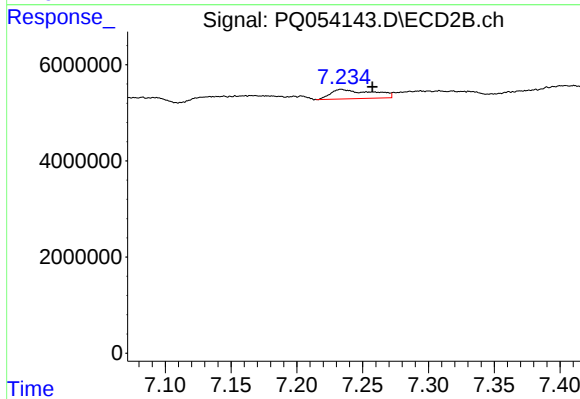
#31 AR-1260-1

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 6361455
Conc: 8.49 ng/ml



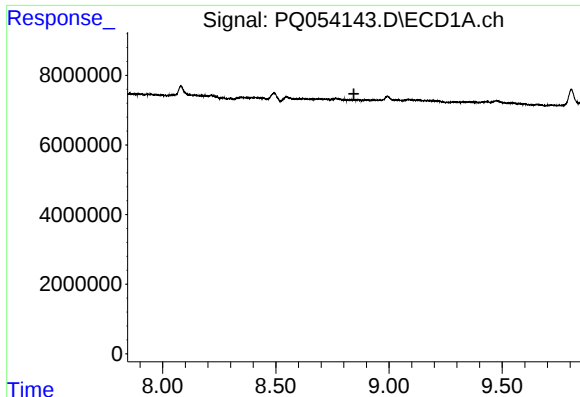
#32 AR-1260-2

R.T.: 8.492 min
Delta R.T.: 0.014 min
Response: 3893304
Conc: 3.43 ng/ml



#32 AR-1260-2

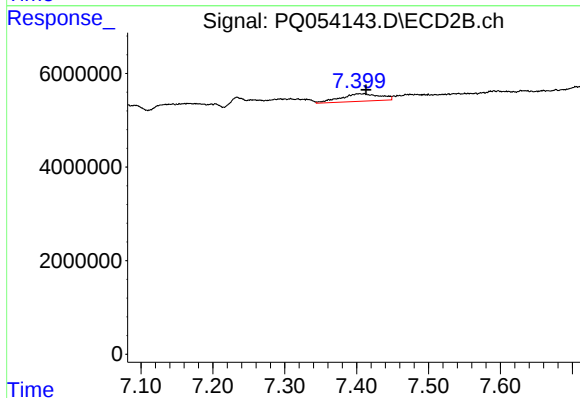
R.T.: 7.234 min
Delta R.T.: -0.023 min
Response: 4208480
Conc: 4.03 ng/ml



#33 AR-1260-3

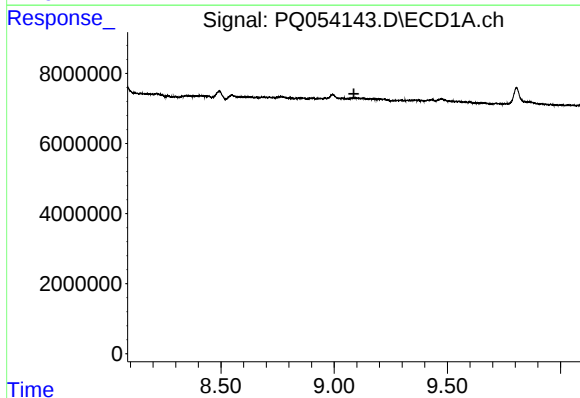
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

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



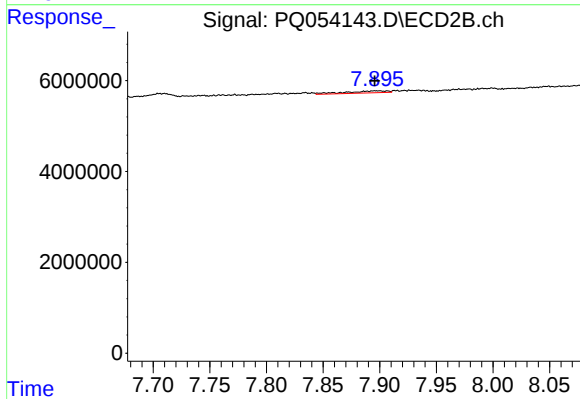
#33 AR-1260-3

R.T.: 7.405 min
Delta R.T.: -0.009 min
Response: 6150315
Conc: 7.07 ng/ml



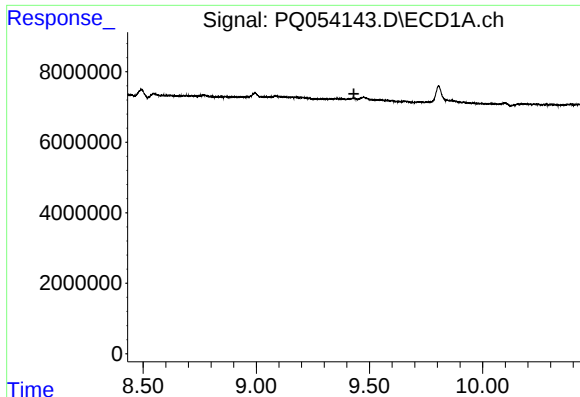
#34 AR-1260-4

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



#34 AR-1260-4

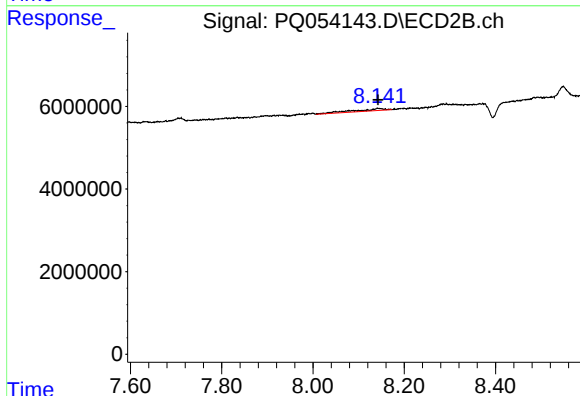
R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 1089641
Conc: 1.75 ng/ml



#35 AR-1260-5

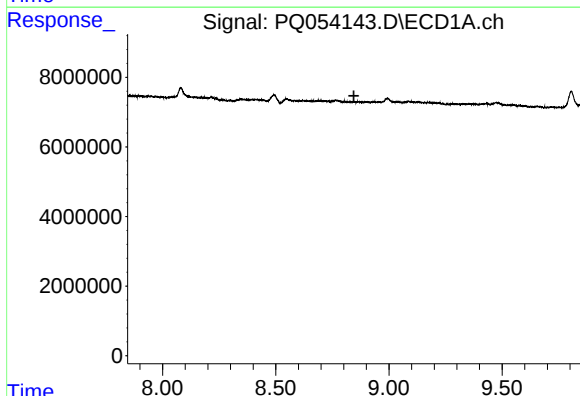
R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.

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



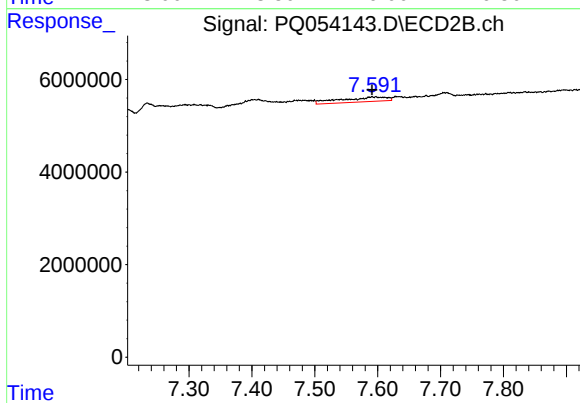
#35 AR-1260-5

R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 2467580
Conc: 1.44 ng/ml



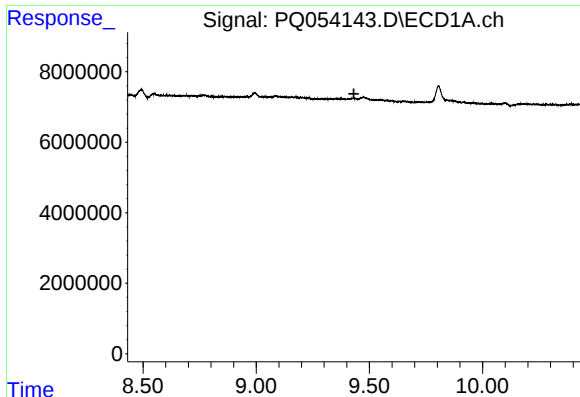
#36 AR-1262-1

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



#36 AR-1262-1

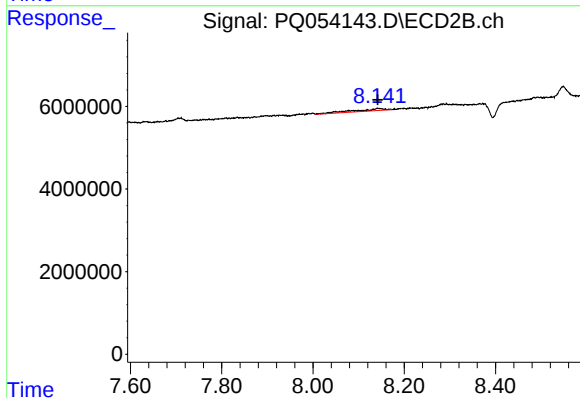
R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 5086217
Conc: 11.25 ng/ml



#37 AR-1262-2

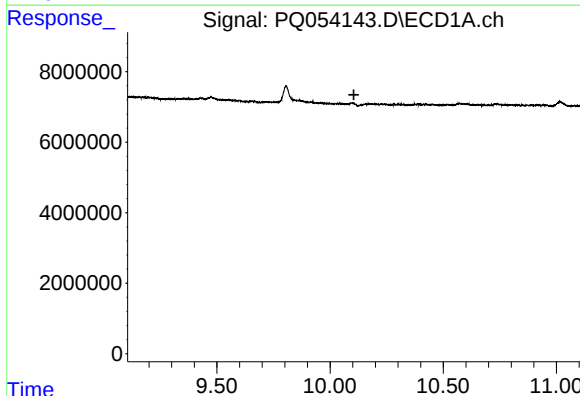
R.T.: 0.000 min
Exp R.T. : 9.432 min
Response: 0
Conc: N.D.

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



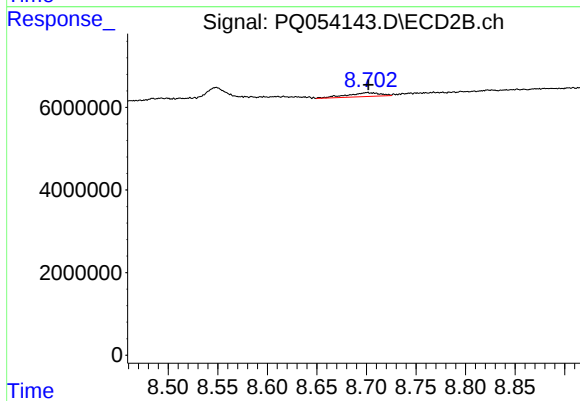
#37 AR-1262-2

R.T.: 8.143 min
Delta R.T.: 0.001 min
Response: 2467580
Conc: 1.31 ng/ml



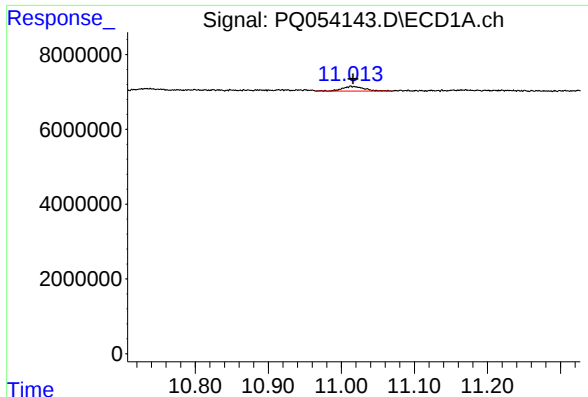
#43 AR-1268-3

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



#43 AR-1268-3

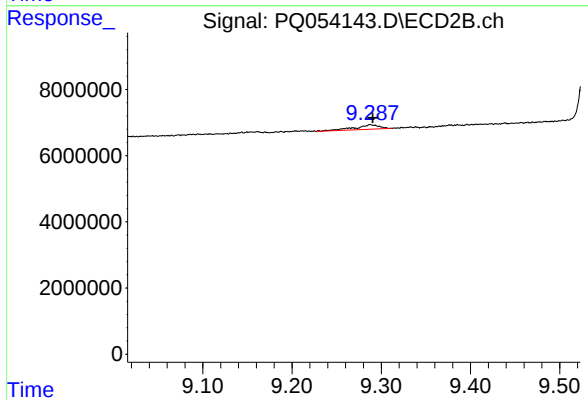
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 2162761
Conc: 1.29 ng/ml



#45 AR-1268-5

R.T.: 11.013 min
Delta R.T.: -0.003 min
Response: 2702718
Conc: 0.50 ng/ml

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



#45 AR-1268-5

R.T.: 9.289 min
Delta R.T.: -0.002 min
Response: 2667378
Conc: 0.57 ng/ml