

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 07:29
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 49 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 31 07:01:38 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...	5.203	4.208	451.2E6	200.5E6	19.322	14.183 #
2)	SA Decachlor...	11.377	9.545	367.6E6	237.3E6	21.848	18.816
Target Compounds							
3)	L1 AR-1016-1	6.530	5.493f	2374687	3432083	3.240	7.582 #
4)	L1 AR-1016-2	6.558	5.493	2250611	3432083	2.004	4.630 #
5)	L1 AR-1016-3	6.597f	5.687	3178311	1167146	4.608	3.237 #
6)	L1 AR-1016-4	0.000	5.753f	0	1441021	N.D.	5.049 #
7)	L1 AR-1016-5	0.000	5.940f	0	1780889	N.D.	4.888 #
8)	L2 AR-1221-1	5.455	4.467	12619512	4434722	52.159	31.125 #
9)	L2 AR-1221-2	5.557	4.567	14344684	5182119	79.189	49.124 #
10)	L2 AR-1221-3	5.643	4.657	24770041	11646975	43.290	33.190
11)	L3 AR-1232-1	5.643	4.657	24770041	11646975	63.405	49.899
12)	L3 AR-1232-2	6.232	5.493	2859808	3432083	12.311	11.850
13)	L3 AR-1232-3	6.558	5.687	2250611	1167146	5.245	8.797 #
14)	L3 AR-1232-4	0.000	5.753f	0	1441021	N.D.	12.628 #
15)	L3 AR-1232-5	0.000	5.940f	0	1780889	N.D.	13.858 #
16)	L4 AR-1242-1	6.530	5.493f	2374687	3432083	5.171	12.623 #
17)	L4 AR-1242-2	6.558	5.493	2250611	3432083	3.193	7.292 #
18)	L4 AR-1242-3	6.597f	5.687	3178311	1167146	7.301	5.290 #
19)	L4 AR-1242-4	0.000	5.753f	0	1441021	N.D.	6.661 #
20)	L4 AR-1242-5	0.000	6.344	0	1074992	N.D.	3.624 #
21)	L5 AR-1248-1	6.530	5.493f	2374687	3432083	6.401	15.212 #
22)	L5 AR-1248-2	0.000	5.753f	0	1441021	N.D.	4.391 #
23)	L5 AR-1248-3	0.000	5.753f	0	1441021	N.D.	4.358 #
24)	L5 AR-1248-4	0.000	5.940f	0	1780889	N.D.	4.487 #
25)	L5 AR-1248-5	0.000	6.388	0	1680770	N.D.	4.217 #
26)	L6 AR-1254-1	7.436	6.344	1739066	1074992	2.461	1.608 #
27)	L6 AR-1254-2	0.000	6.504	0	3707523	N.D.	6.030 #
28)	L6 AR-1254-3	8.079f	6.941f	3257947	7233197	2.770	7.491 #
30)	L6 AR-1254-5	0.000	7.592	0	2965883	N.D.	3.041 #
31)	L7 AR-1260-1	0.000	7.060	0	4266570	N.D.	5.692 #
32)	L7 AR-1260-2	8.488	7.233f	2351298	5758870	2.071	5.513 #
33)	L7 AR-1260-3	0.000	7.408	0	599815	N.D.	0.689 #
35)	L7 AR-1260-5	0.000	8.144	0	183056	N.D.	0.107 #
36)	L8 AR-1262-1	0.000	7.592	0	2965883	N.D.	6.563 #
37)	L8 AR-1262-2	0.000	8.144	0	183056	N.D.	0.097 #
43)	L9 AR-1268-3	0.000	8.701	0	1387558	N.D.	0.830 #
45)	L9 AR-1268-5	0.000	9.288	0	2538954	N.D.	0.539 #

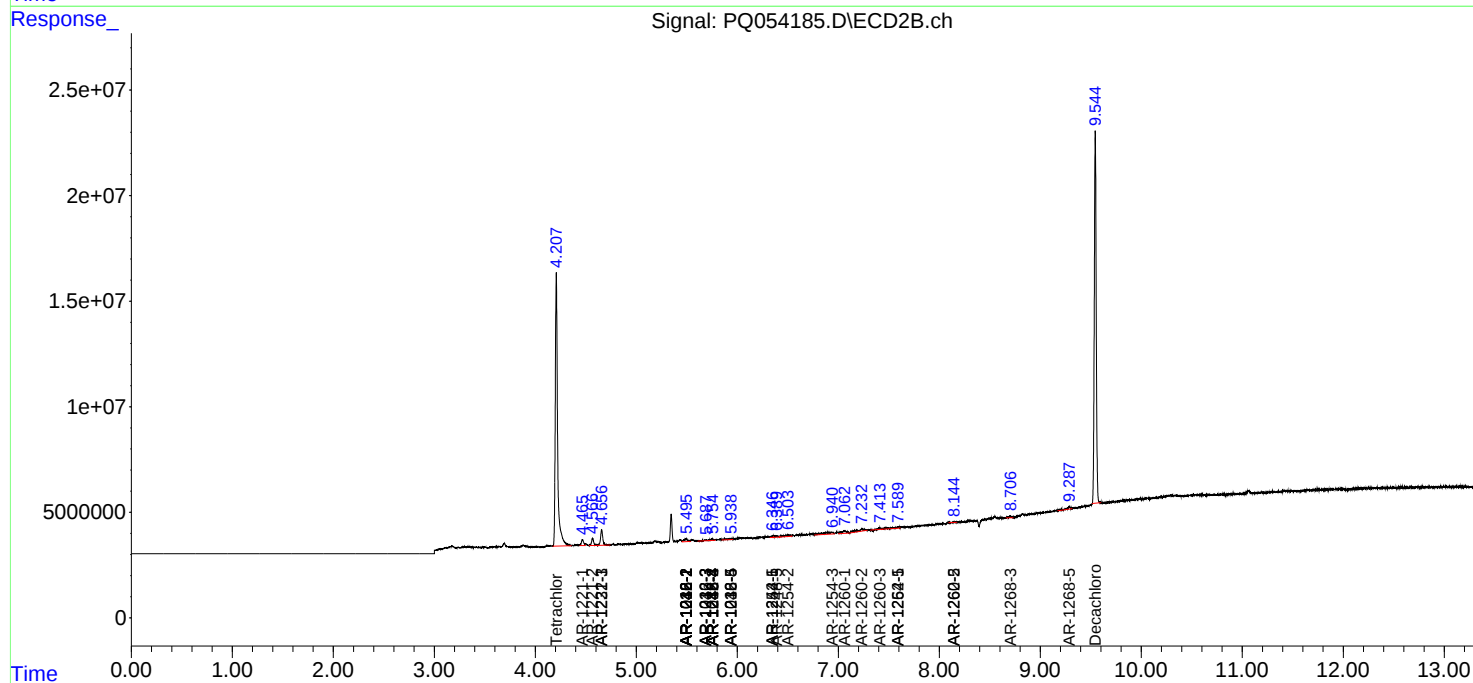
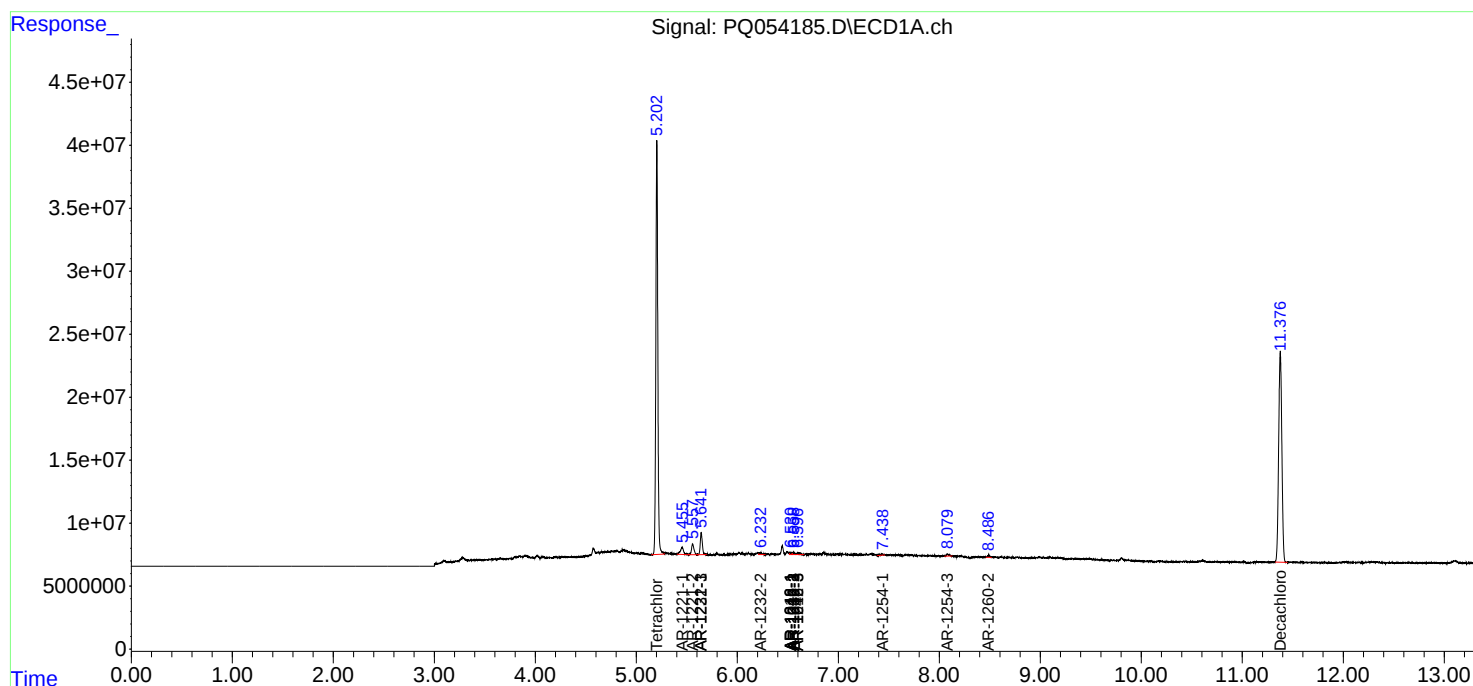
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

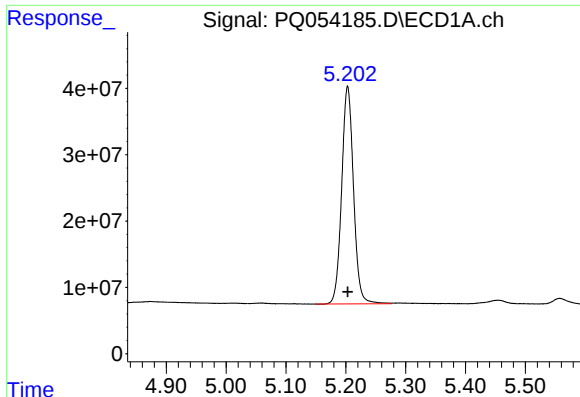
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:29
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Misc : AR1221 LOD 40 PPB
ALS Vial : 49 Sample Multiplier: 1

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 31 07:01:38 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

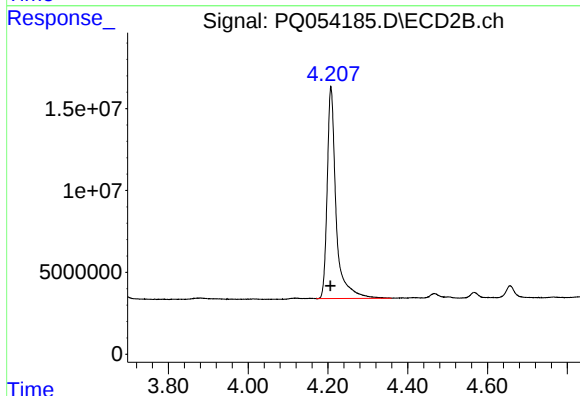




#1 Tetrachloro-m-xylene

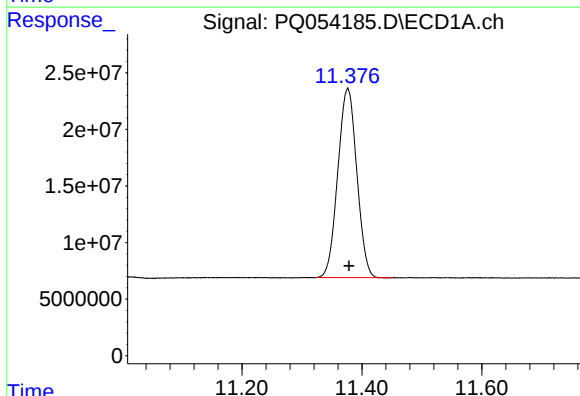
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 451215495
Conc: 19.32 ng/ml

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



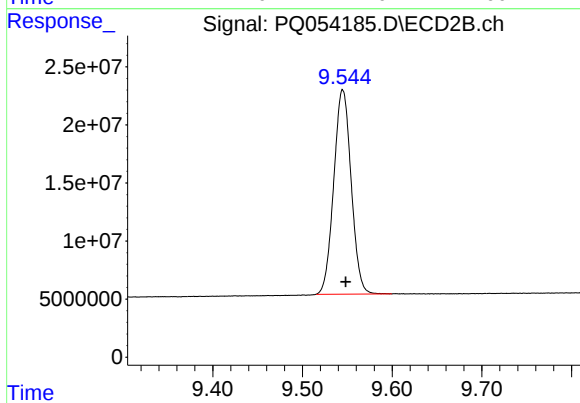
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.001 min
Response: 200501350
Conc: 14.18 ng/ml



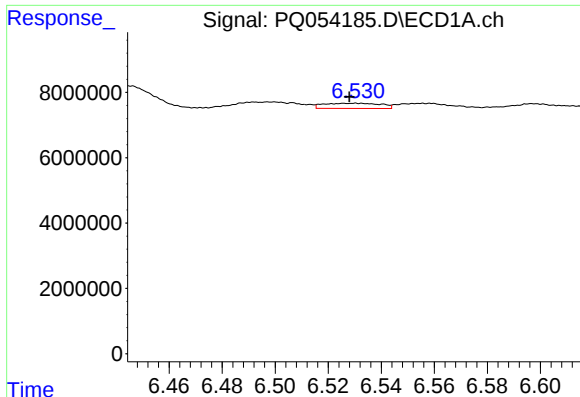
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 367608098
Conc: 21.85 ng/ml



#2 Decachlorobiphenyl

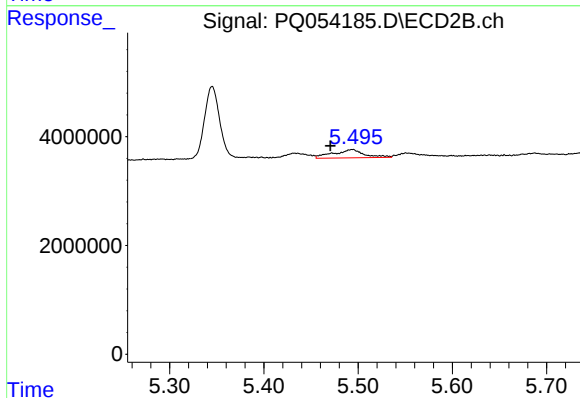
R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 237341166
Conc: 18.82 ng/ml



#3 AR-1016-1

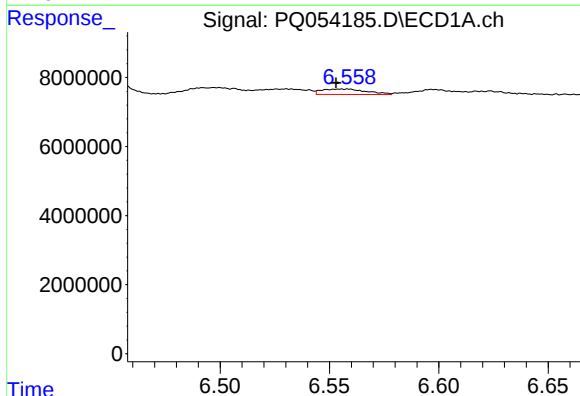
R.T.: 6.530 min
Delta R.T.: 0.002 min
Response: 2374687
Conc: 3.24 ng/ml

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



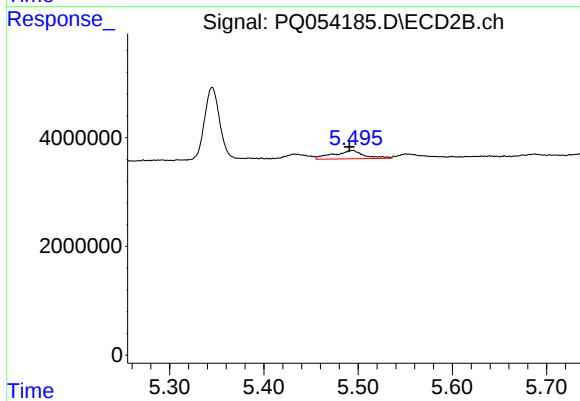
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.023 min
Response: 3432083
Conc: 7.58 ng/ml



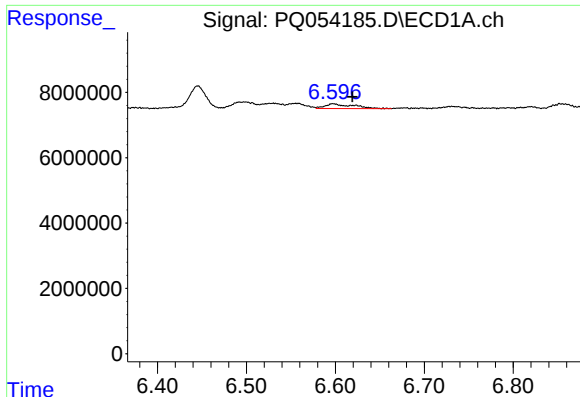
#4 AR-1016-2

R.T.: 6.558 min
Delta R.T.: 0.005 min
Response: 2250611
Conc: 2.00 ng/ml



#4 AR-1016-2

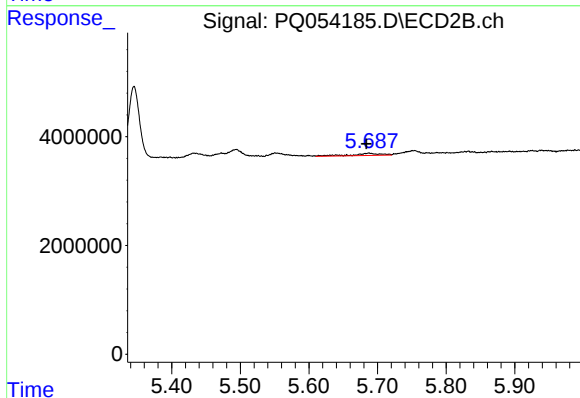
R.T.: 5.493 min
Delta R.T.: 0.003 min
Response: 3432083
Conc: 4.63 ng/ml



#5 AR-1016-3

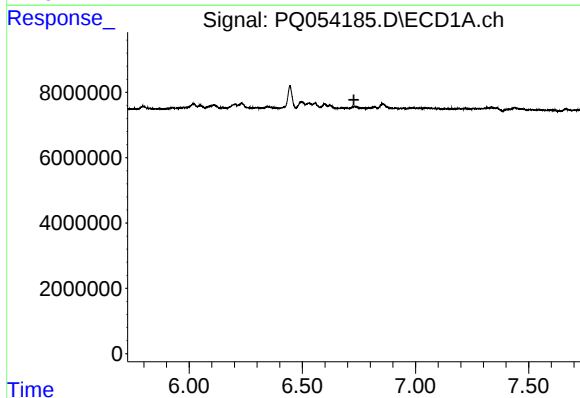
R.T.: 6.597 min
Delta R.T.: -0.022 min
Response: 3178311
Conc: 4.61 ng/ml

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



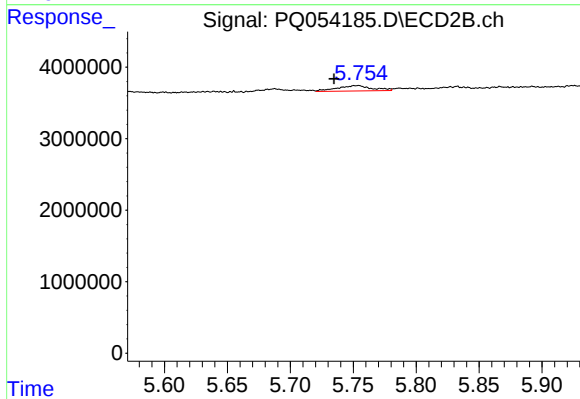
#5 AR-1016-3

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 1167146
Conc: 3.24 ng/ml



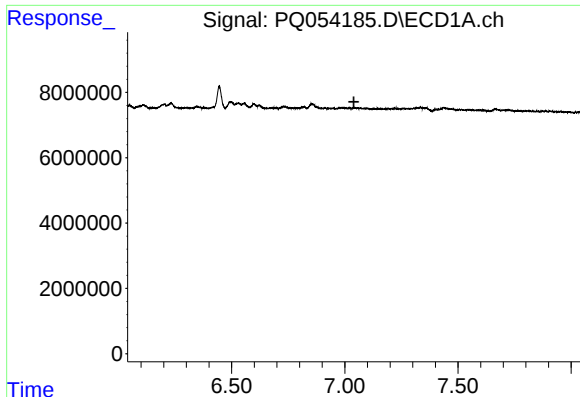
#6 AR-1016-4

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



#6 AR-1016-4

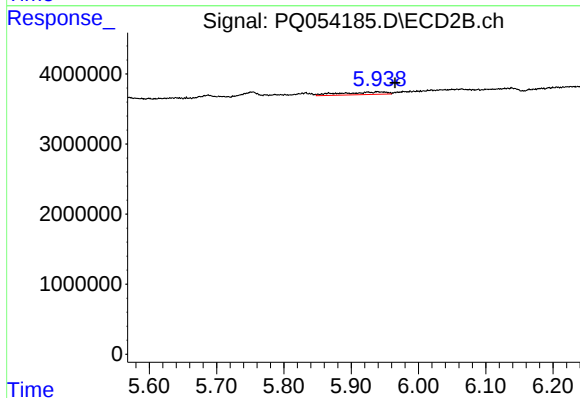
R.T.: 5.753 min
Delta R.T.: 0.018 min
Response: 1441021
Conc: 5.05 ng/ml



#7 AR-1016-5

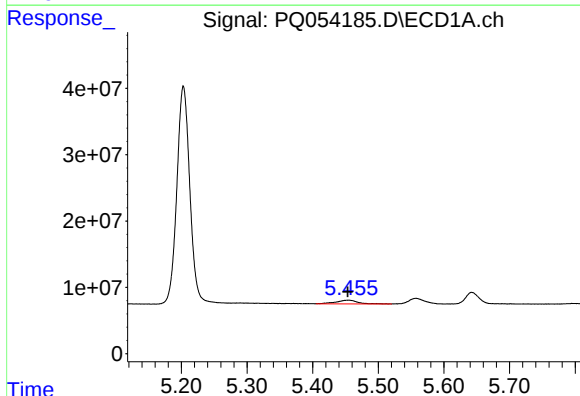
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

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



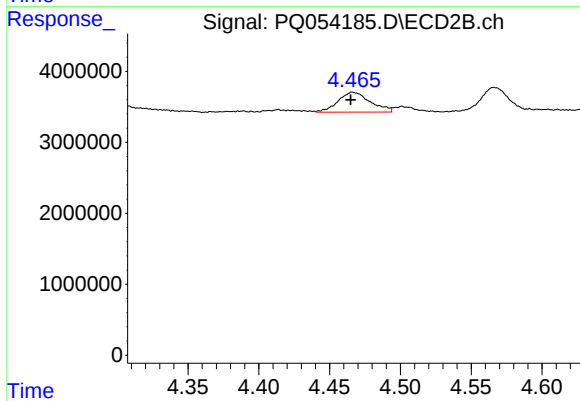
#7 AR-1016-5

R.T.: 5.940 min
Delta R.T.: -0.025 min
Response: 1780889
Conc: 4.89 ng/ml



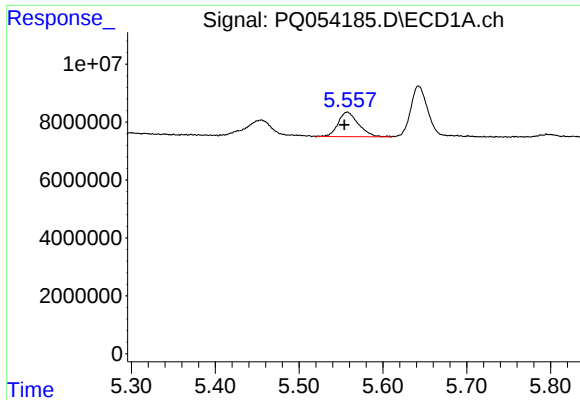
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 12619512
Conc: 52.16 ng/ml



#8 AR-1221-1

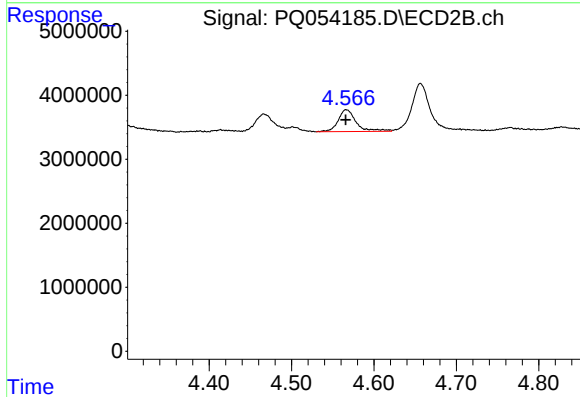
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 4434722
Conc: 31.12 ng/ml



#9 AR-1221-2

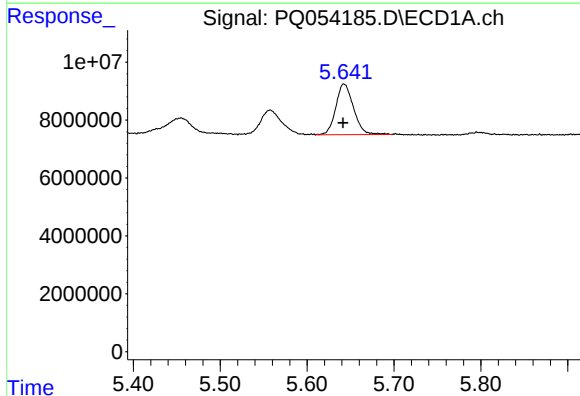
R.T.: 5.557 min
Delta R.T.: 0.003 min
Response: 14344684
Conc: 79.19 ng/ml

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



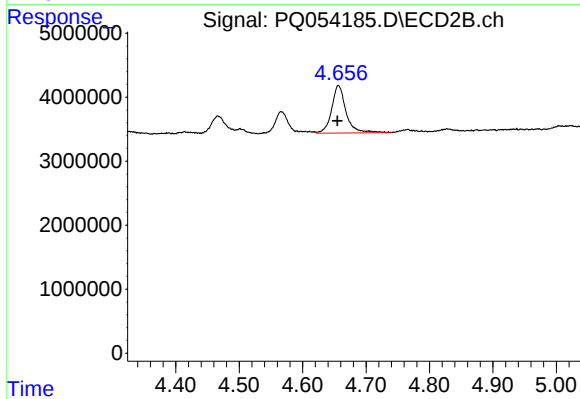
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 5182119
Conc: 49.12 ng/ml



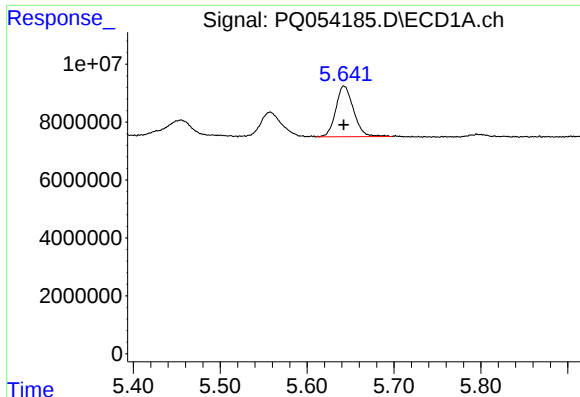
#10 AR-1221-3

R.T.: 5.643 min
Delta R.T.: 0.001 min
Response: 24770041
Conc: 43.29 ng/ml



#10 AR-1221-3

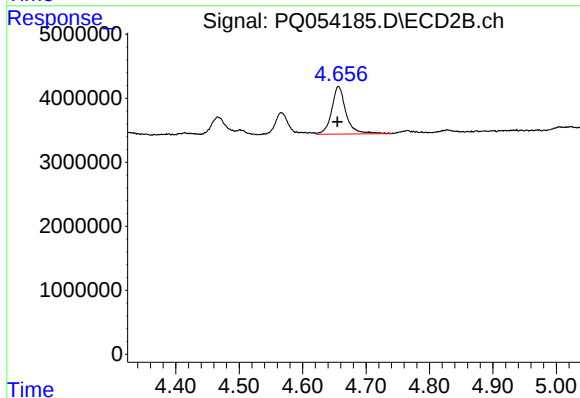
R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 11646975
Conc: 33.19 ng/ml



#11 AR-1232-1

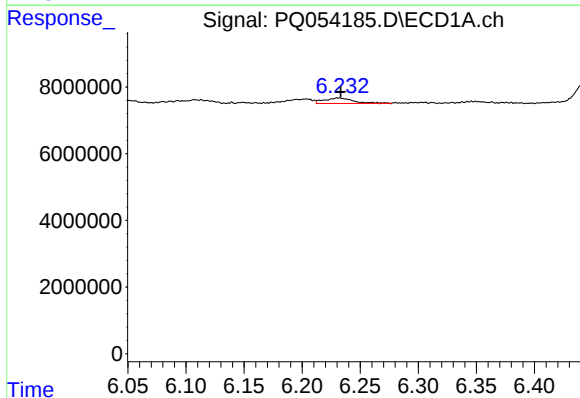
R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 24770041
Conc: 63.41 ng/ml

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



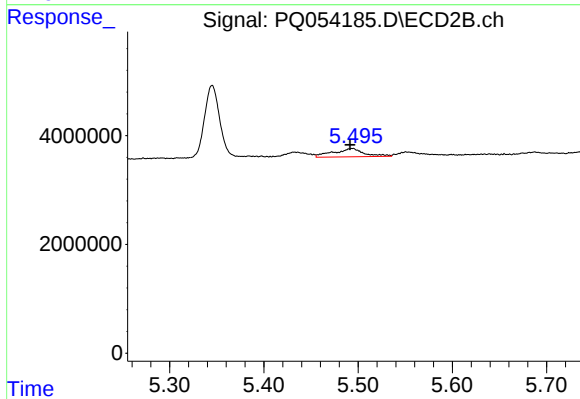
#11 AR-1232-1

R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 11646975
Conc: 49.90 ng/ml



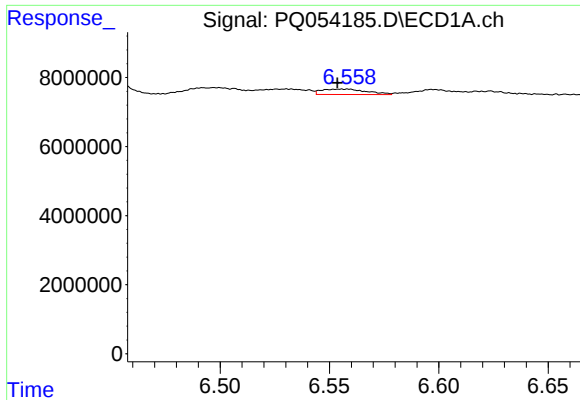
#12 AR-1232-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 2859808
Conc: 12.31 ng/ml



#12 AR-1232-2

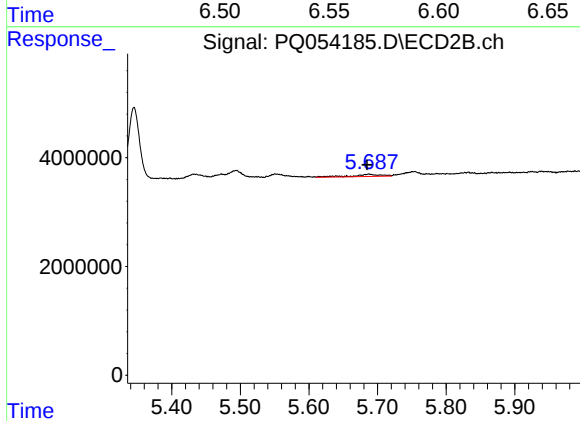
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3432083
Conc: 11.85 ng/ml



#13 AR-1232-3

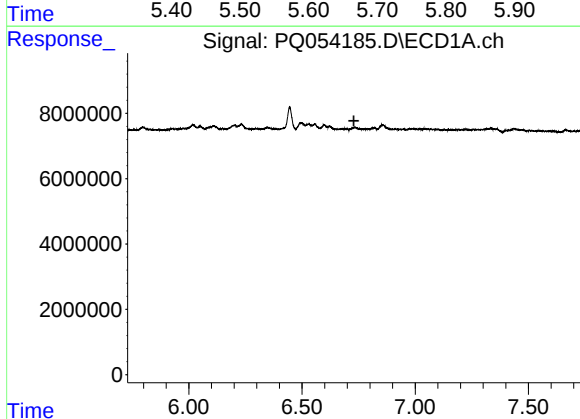
R.T.: 6.558 min
Delta R.T.: 0.004 min
Response: 2250611
Conc: 5.24 ng/ml

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



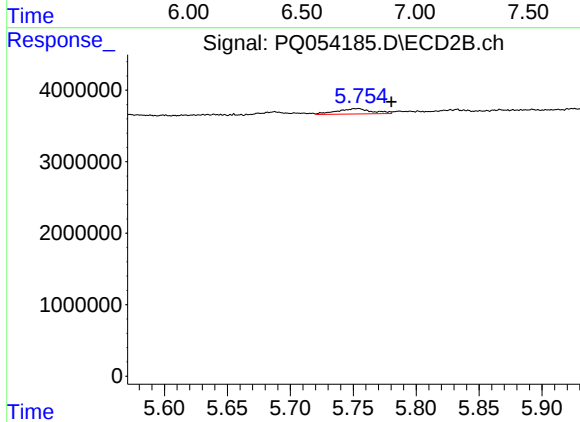
#13 AR-1232-3

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 1167146
Conc: 8.80 ng/ml



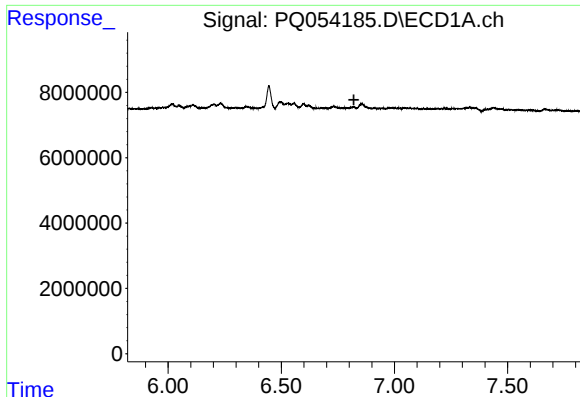
#14 AR-1232-4

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



#14 AR-1232-4

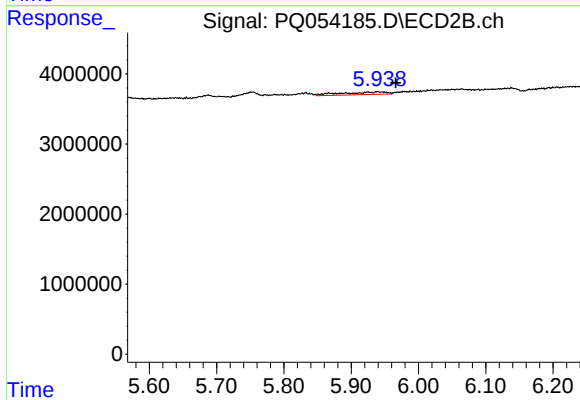
R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 1441021
Conc: 12.63 ng/ml



#15 AR-1232-5

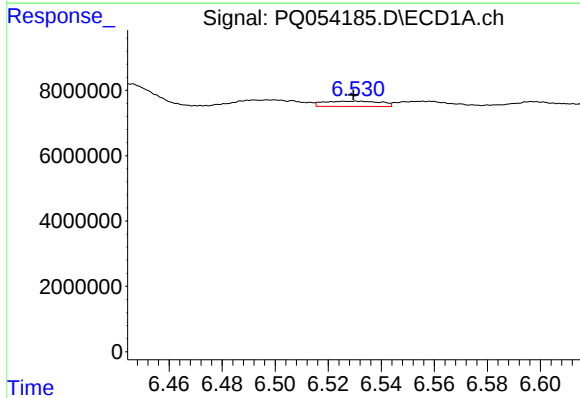
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

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



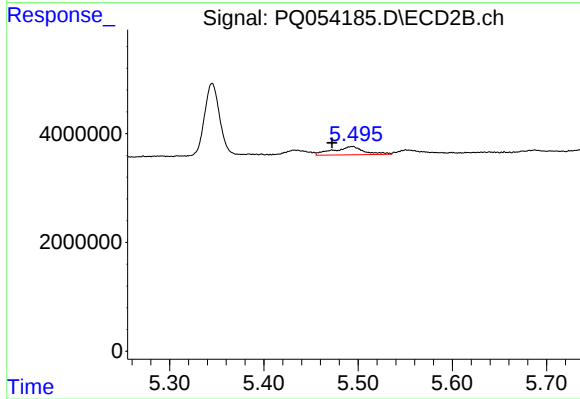
#15 AR-1232-5

R.T.: 5.940 min
Delta R.T.: -0.026 min
Response: 1780889
Conc: 13.86 ng/ml



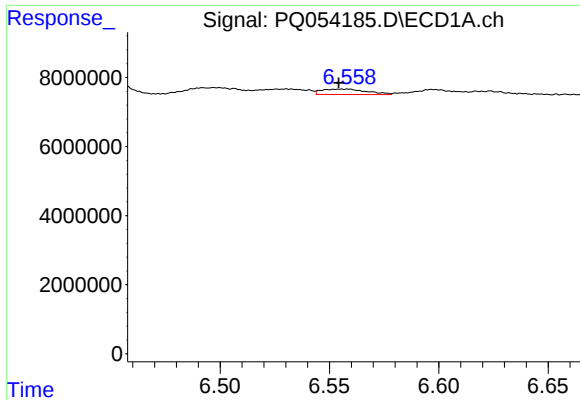
#16 AR-1242-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 2374687
Conc: 5.17 ng/ml



#16 AR-1242-1

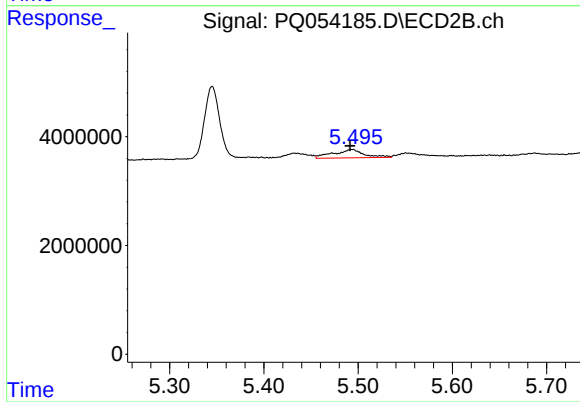
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 3432083
Conc: 12.62 ng/ml



#17 AR-1242-2

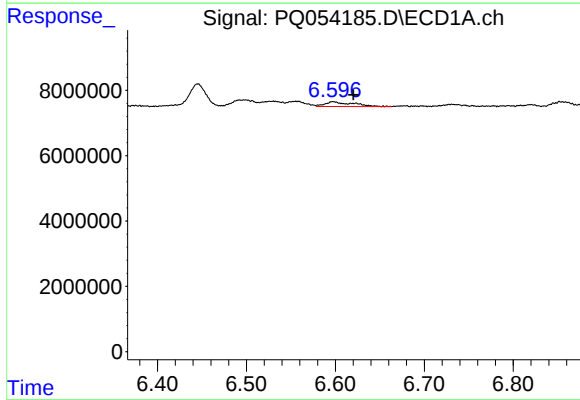
R.T.: 6.558 min
Delta R.T.: 0.004 min
Response: 2250611
Conc: 3.19 ng/ml

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



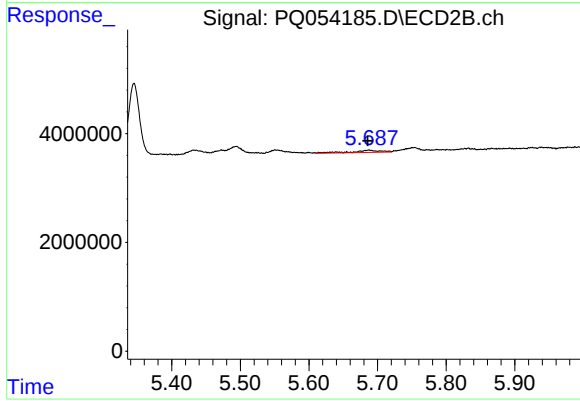
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3432083
Conc: 7.29 ng/ml



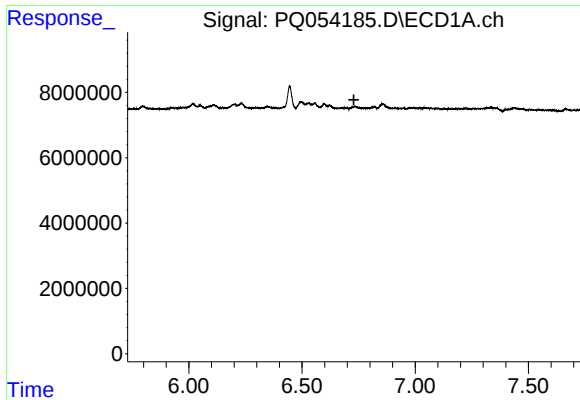
#18 AR-1242-3

R.T.: 6.597 min
Delta R.T.: -0.023 min
Response: 3178311
Conc: 7.30 ng/ml



#18 AR-1242-3

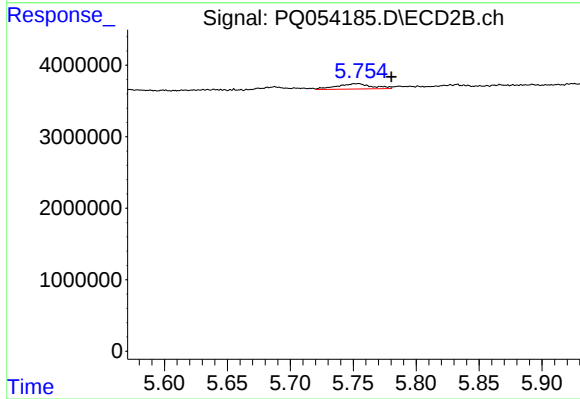
R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 1167146
Conc: 5.29 ng/ml



#19 AR-1242-4

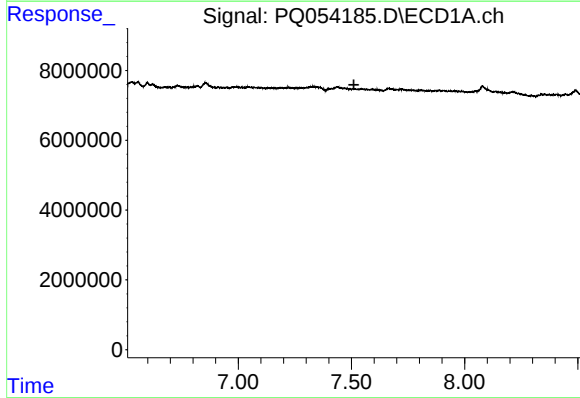
R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.

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



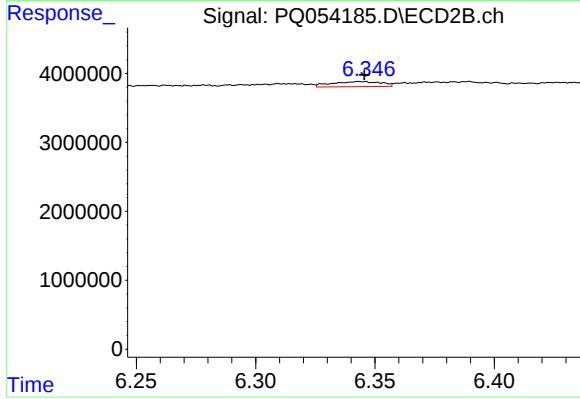
#19 AR-1242-4

R.T.: 5.753 min
Delta R.T.: -0.028 min
Response: 1441021
Conc: 6.66 ng/ml



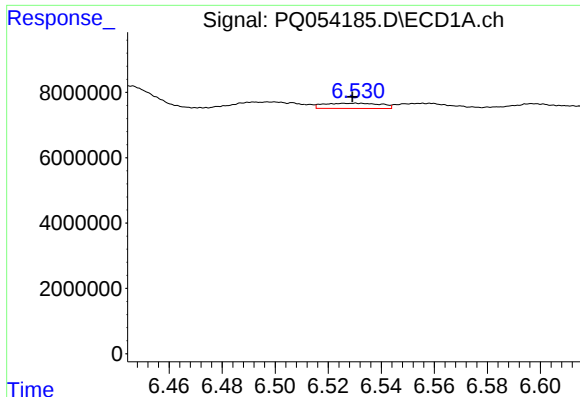
#20 AR-1242-5

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



#20 AR-1242-5

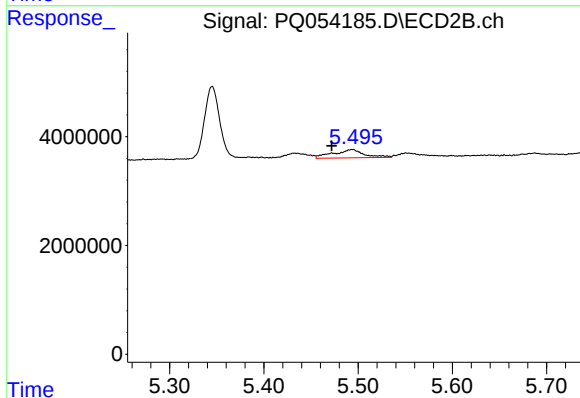
R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 1074992
Conc: 3.62 ng/ml



#21 AR-1248-1

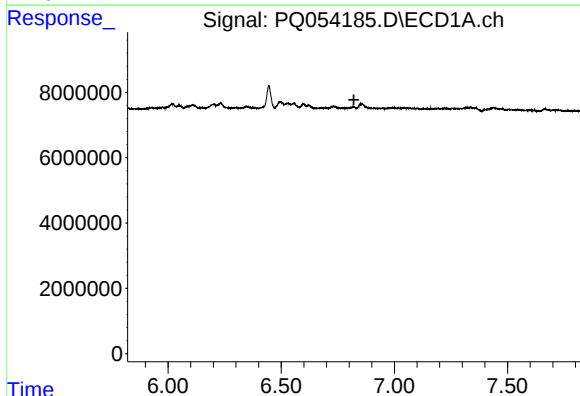
R.T.: 6.530 min
Delta R.T.: 0.001 min
Response: 2374687
Conc: 6.40 ng/ml

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



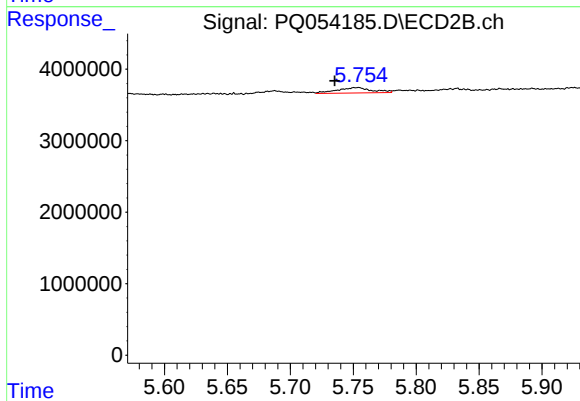
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 3432083
Conc: 15.21 ng/ml



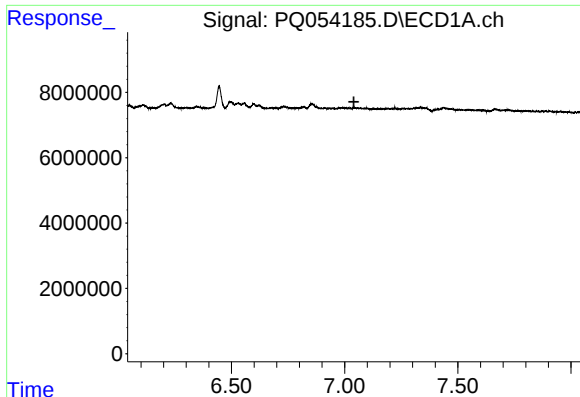
#22 AR-1248-2

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



#22 AR-1248-2

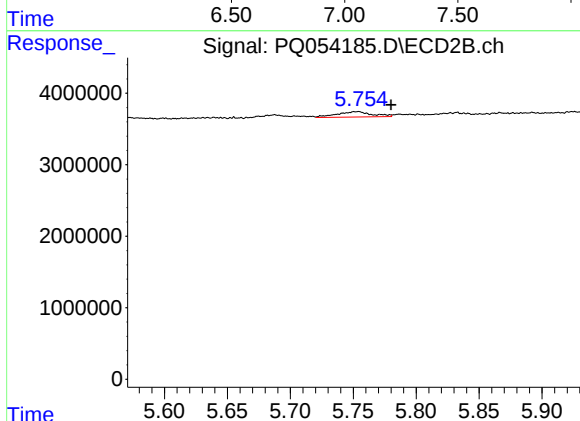
R.T.: 5.753 min
Delta R.T.: 0.017 min
Response: 1441021
Conc: 4.39 ng/ml



#23 AR-1248-3

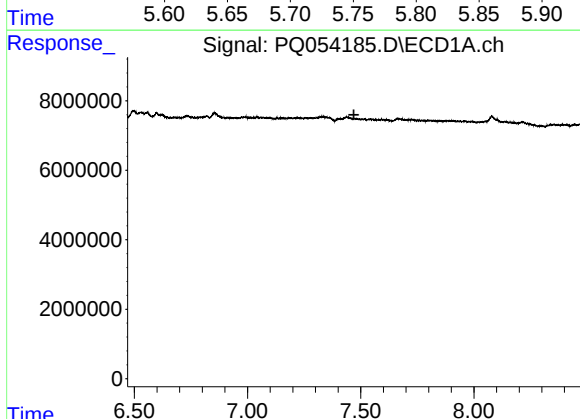
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

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



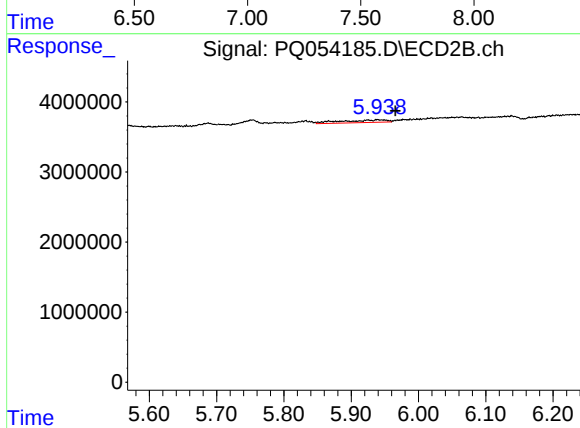
#23 AR-1248-3

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 1441021
Conc: 4.36 ng/ml



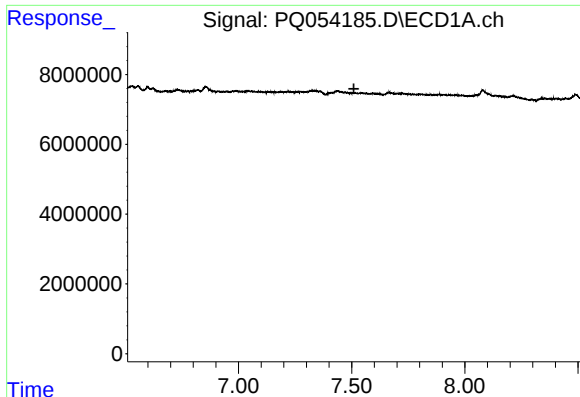
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.470 min
Response: 0
Conc: N.D.



#24 AR-1248-4

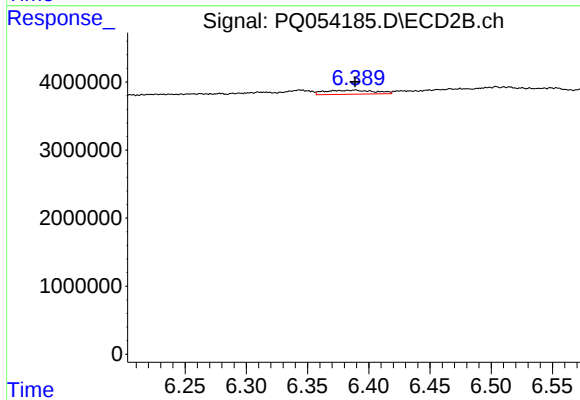
R.T.: 5.940 min
Delta R.T.: -0.026 min
Response: 1780889
Conc: 4.49 ng/ml



#25 AR-1248-5

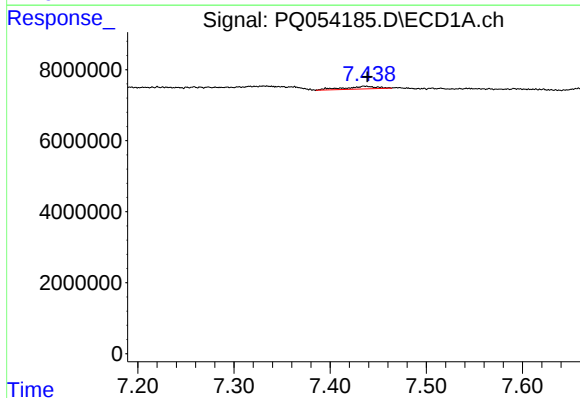
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

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



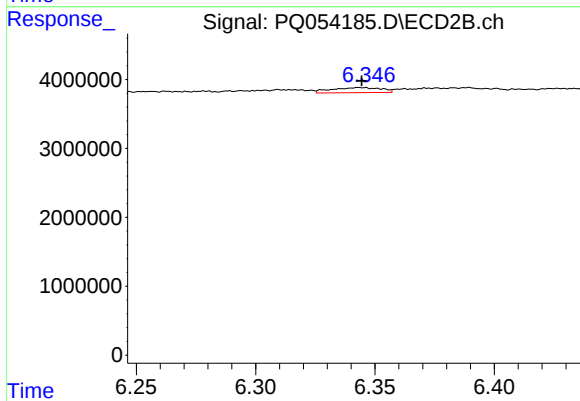
#25 AR-1248-5

R.T.: 6.388 min
Delta R.T.: -0.001 min
Response: 1680770
Conc: 4.22 ng/ml



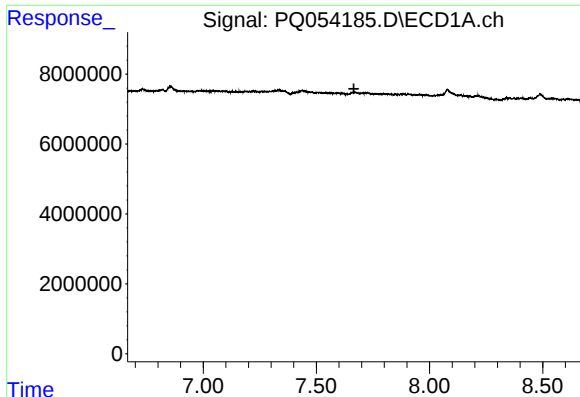
#26 AR-1254-1

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 1739066
Conc: 2.46 ng/ml



#26 AR-1254-1

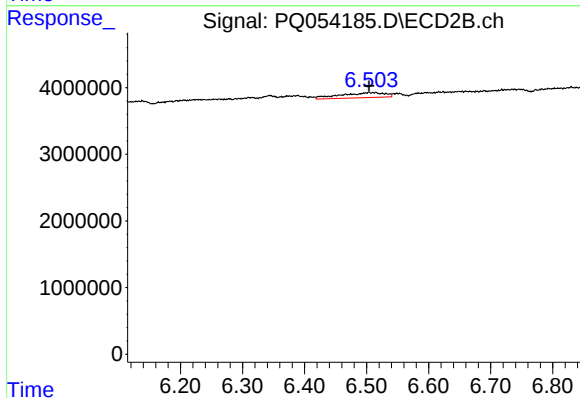
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1074992
Conc: 1.61 ng/ml



#27 AR-1254-2

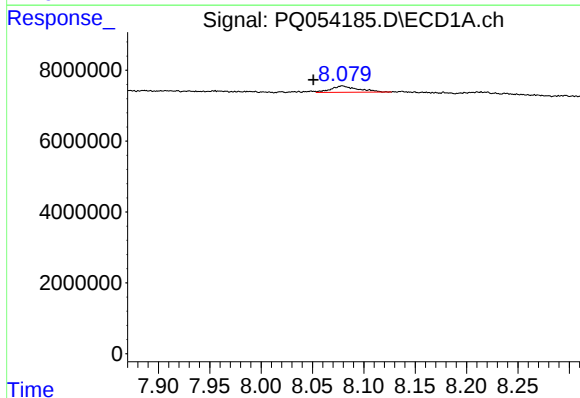
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

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



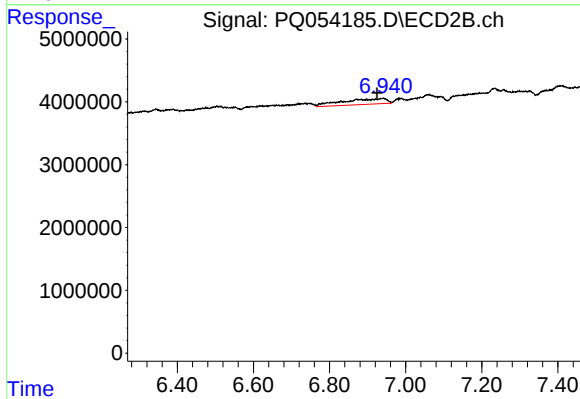
#27 AR-1254-2

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 3707523
Conc: 6.03 ng/ml



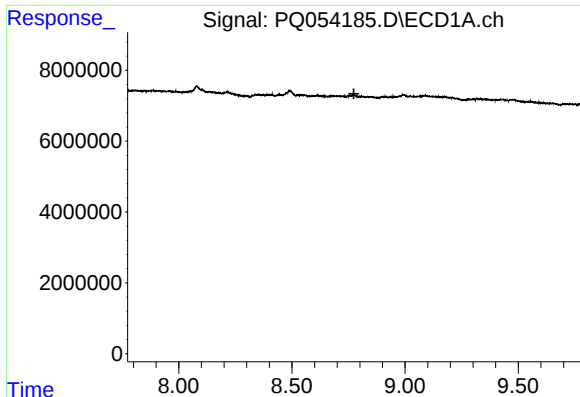
#28 AR-1254-3

R.T.: 8.079 min
Delta R.T.: 0.028 min
Response: 3257947
Conc: 2.77 ng/ml



#28 AR-1254-3

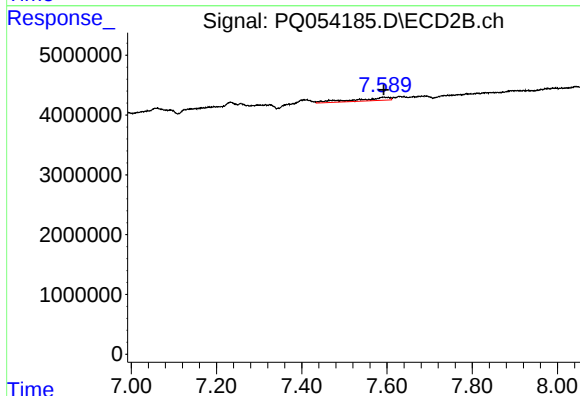
R.T.: 6.941 min
Delta R.T.: 0.016 min
Response: 7233197
Conc: 7.49 ng/ml



#30 AR-1254-5

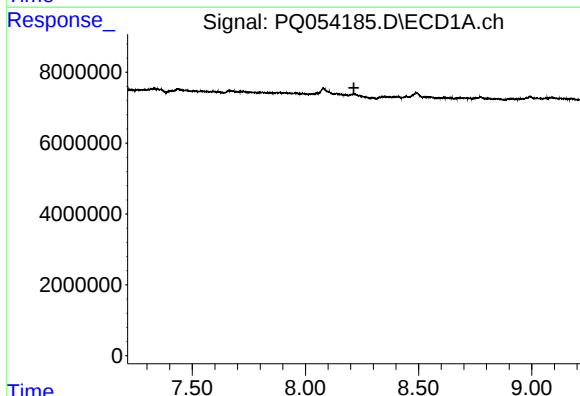
R.T.: 0.000 min
Exp R.T.: 8.774 min
Response: 0
Conc: N.D.

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



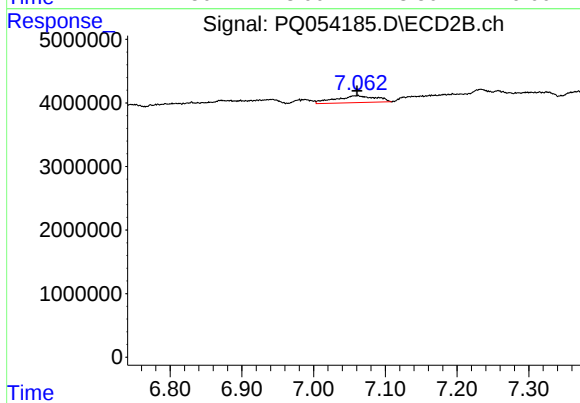
#30 AR-1254-5

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 2965883
Conc: 3.04 ng/ml



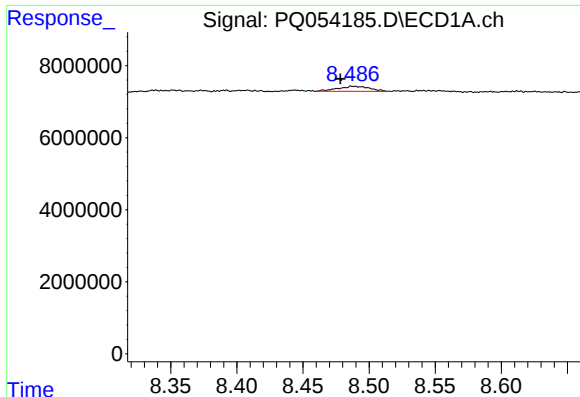
#31 AR-1260-1

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



#31 AR-1260-1

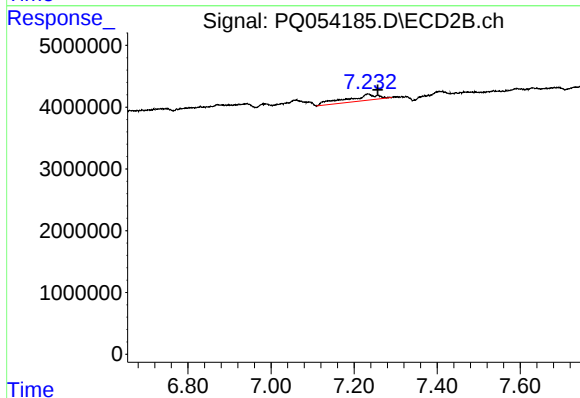
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 4266570
Conc: 5.69 ng/ml



#32 AR-1260-2

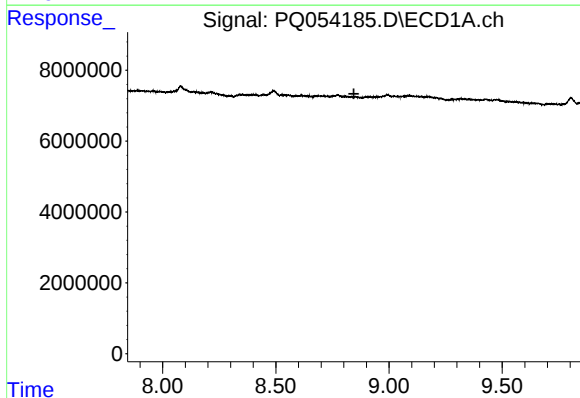
R.T.: 8.488 min
Delta R.T.: 0.010 min
Response: 2351298
Conc: 2.07 ng/ml

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



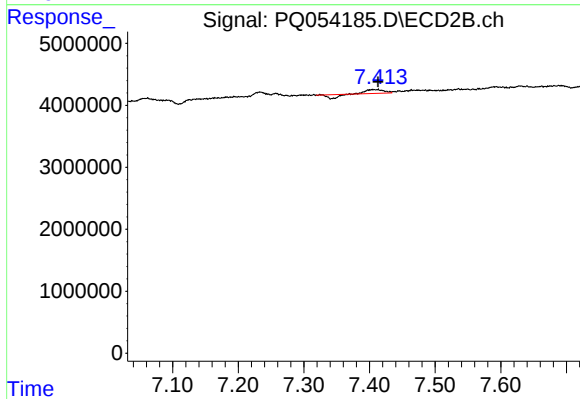
#32 AR-1260-2

R.T.: 7.233 min
Delta R.T.: -0.024 min
Response: 5758870
Conc: 5.51 ng/ml



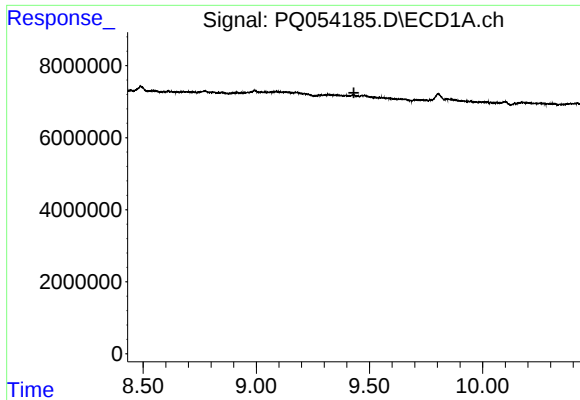
#33 AR-1260-3

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



#33 AR-1260-3

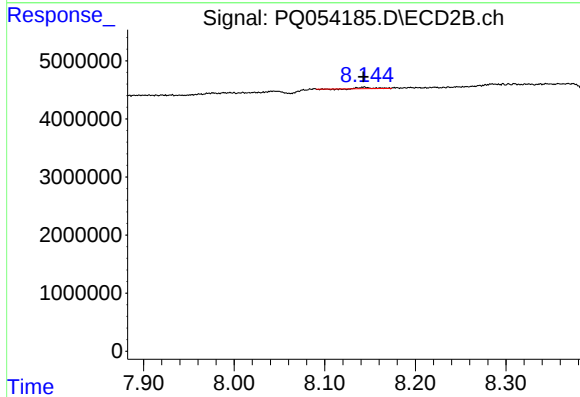
R.T.: 7.408 min
Delta R.T.: -0.005 min
Response: 599815
Conc: 0.69 ng/ml



#35 AR-1260-5

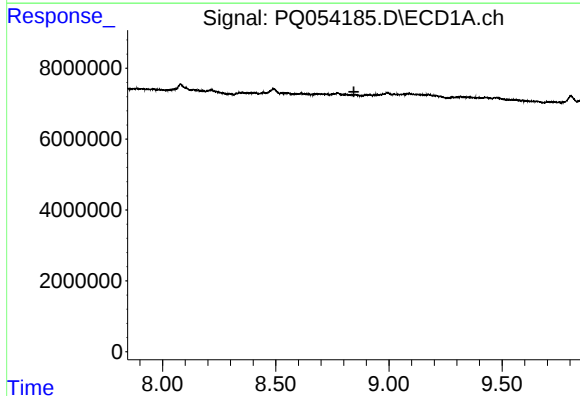
R.T.: 0.000 min
Exp R.T. : 9.431 min
Response: 0
Conc: N.D.

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



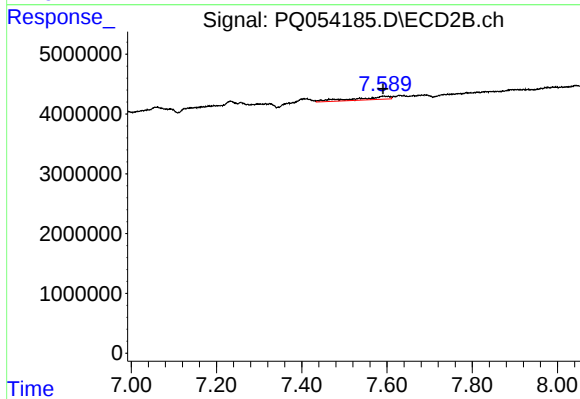
#35 AR-1260-5

R.T.: 8.144 min
Delta R.T.: 0.001 min
Response: 183056
Conc: 0.11 ng/ml



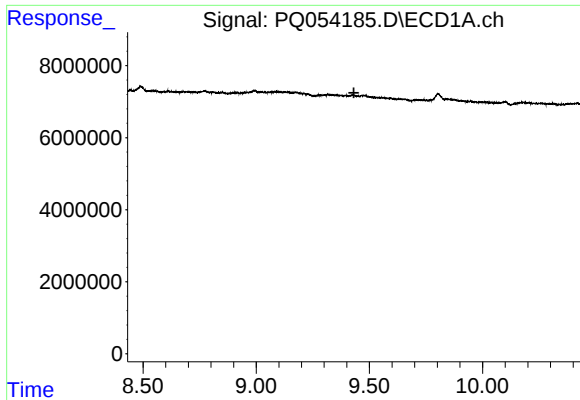
#36 AR-1262-1

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



#36 AR-1262-1

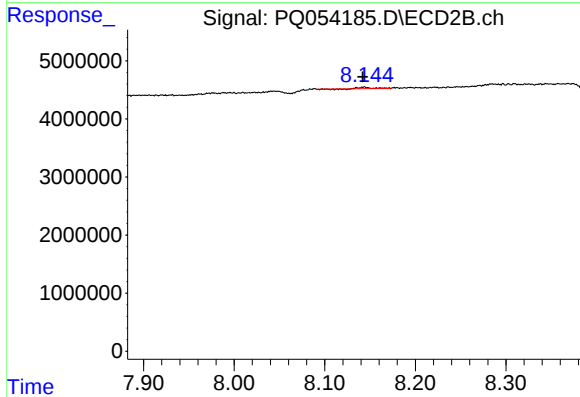
R.T.: 7.592 min
Delta R.T.: 0.001 min
Response: 2965883
Conc: 6.56 ng/ml



#37 AR-1262-2

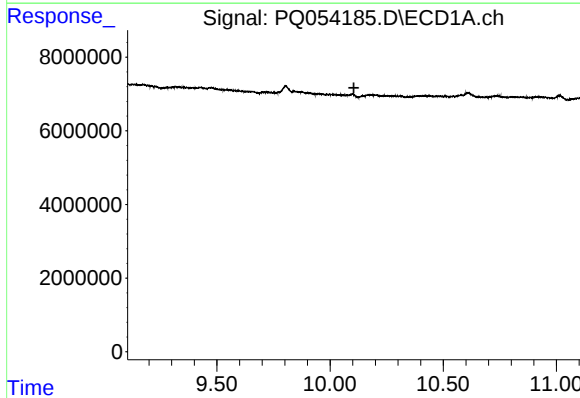
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

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



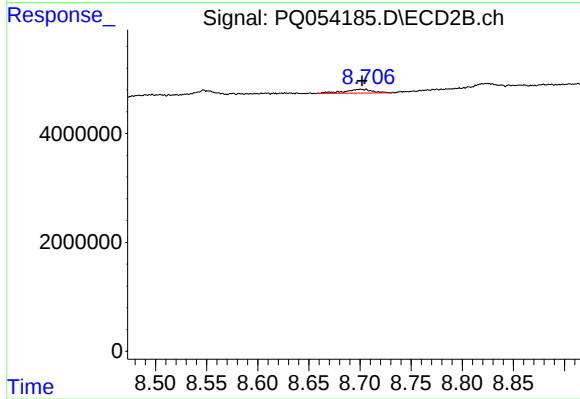
#37 AR-1262-2

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 183056
Conc: 0.10 ng/ml



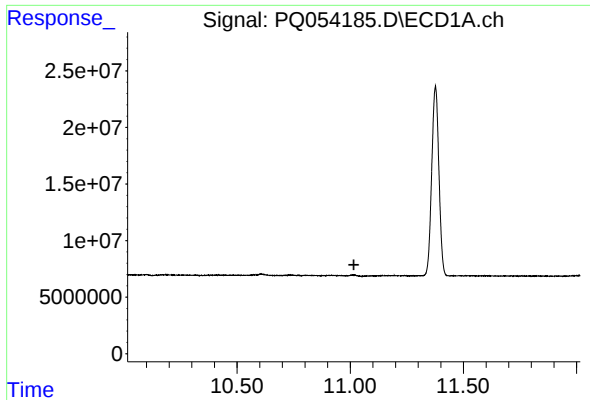
#43 AR-1268-3

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



#43 AR-1268-3

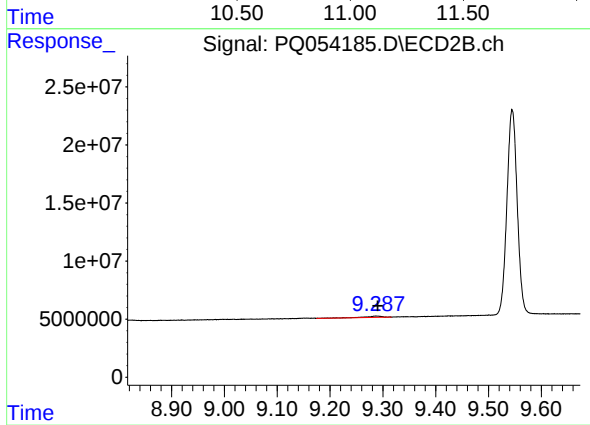
R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 1387558
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.016 min
Response: 0
Conc: N.D.

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



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.003 min
Response: 2538954
Conc: 0.54 ng/ml