

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041219\
 Data File : PQ039069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 17:19
 Operator : AJ\SJ
 Sample : K1560-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 00:56:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 13 00:36:36 2019
 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...	5.720	4.816	57159611	26855071	12.897	12.043
2)	SA Decachlor...	12.124	10.574	125.7E6	62767584	18.119	17.989
Target Compounds							
3)	L1 AR-1016-1	7.165	6.267	2436399	82361	13.407	0.811 #
4)	L1 AR-1016-2	7.191	6.290	2855838	1264141	10.540	8.535
5)	L1 AR-1016-3	7.261	0.000	3157617	0	18.950	N.D. #
6)	L1 AR-1016-4	7.374	6.605	2123471	474915	15.324	7.617 #
7)	L1 AR-1016-5	7.707	6.808	2007003	1029789	14.142	11.605
9)	L2 AR-1221-2	6.111	5.241	3494738	819871	102.947	39.317 #
10)	L2 AR-1221-3	6.204	5.345	3172890	710041	28.898	11.572 #
11)	L3 AR-1232-1	6.204	5.345	3172890	710041	39.891	18.724 #
12)	L3 AR-1232-2	6.847	6.290	873412	1264141	20.877	27.200 #
13)	L3 AR-1232-3	7.191	0.000	2855838	0	32.079	N.D. #
14)	L3 AR-1232-4	7.374	6.605	2123471	474915	41.440	22.558 #
15)	L3 AR-1232-5	0.000	6.808	0	1029789	N.D.	42.251 #
16)	L4 AR-1242-1	7.165	6.267	2436399	82361	21.727	1.403 #
17)	L4 AR-1242-2	7.191	6.290	2855838	1264141	17.390	14.709
18)	L4 AR-1242-3	7.261	0.000	3157617	0	28.991	N.D. #
19)	L4 AR-1242-4	7.374	6.605	2123471	474915	24.536	10.604 #
20)	L4 AR-1242-5	8.194	7.217	1303492	2081112	13.194	32.093 #
21)	L5 AR-1248-1	7.165	6.267	2436399	82361	29.468	1.848 #
22)	L5 AR-1248-2	0.000	6.605	0	474915	N.D.	7.954 #
23)	L5 AR-1248-3	7.707	6.605	2007003	474915	14.640	7.419 #
24)	L5 AR-1248-4	8.154	6.808	1572505	1029789	10.076	12.515
25)	L5 AR-1248-5	8.194	7.265	1303492	2022698	8.522	24.281 #
26)	L6 AR-1254-1	8.125	7.217	2921402	2081112	16.967	14.563
27)	L6 AR-1254-2	8.367	0.000	2238609	0	8.176	N.D. #
28)	L6 AR-1254-3	8.768	7.831	2447404	5664147	7.968	25.319 #
29)	L6 AR-1254-4	9.060	0.000	2187152	0	9.846	N.D. #
30)	L6 AR-1254-5	9.488	8.513	913573	334191	3.519	1.620 #
31)	L7 AR-1260-1	8.975	7.965	3478582	1806202	12.444	9.801
34)	L7 AR-1260-4	9.855	0.000	2732848	0	8.363	N.D. #
35)	L7 AR-1260-5	0.000	9.050	0	4884928	N.D.	10.933 #
36)	L8 AR-1262-1	0.000	8.513	0	334191	N.D.	1.501 #
37)	L8 AR-1262-2	0.000	9.050	0	4884928	N.D.	11.312 #
38)	L8 AR-1262-3	10.464	9.363	4616281	2206513	10.432	13.092 #
41)	L9 AR-1268-1	10.464	9.363	4616281	2206513	5.712	4.271 #
43)	L9 AR-1268-3	10.848	9.662	9835526	1016989	14.917	2.552 #
45)	L9 AR-1268-5	11.764	10.294	2839705	117654	1.247	0.092 #

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

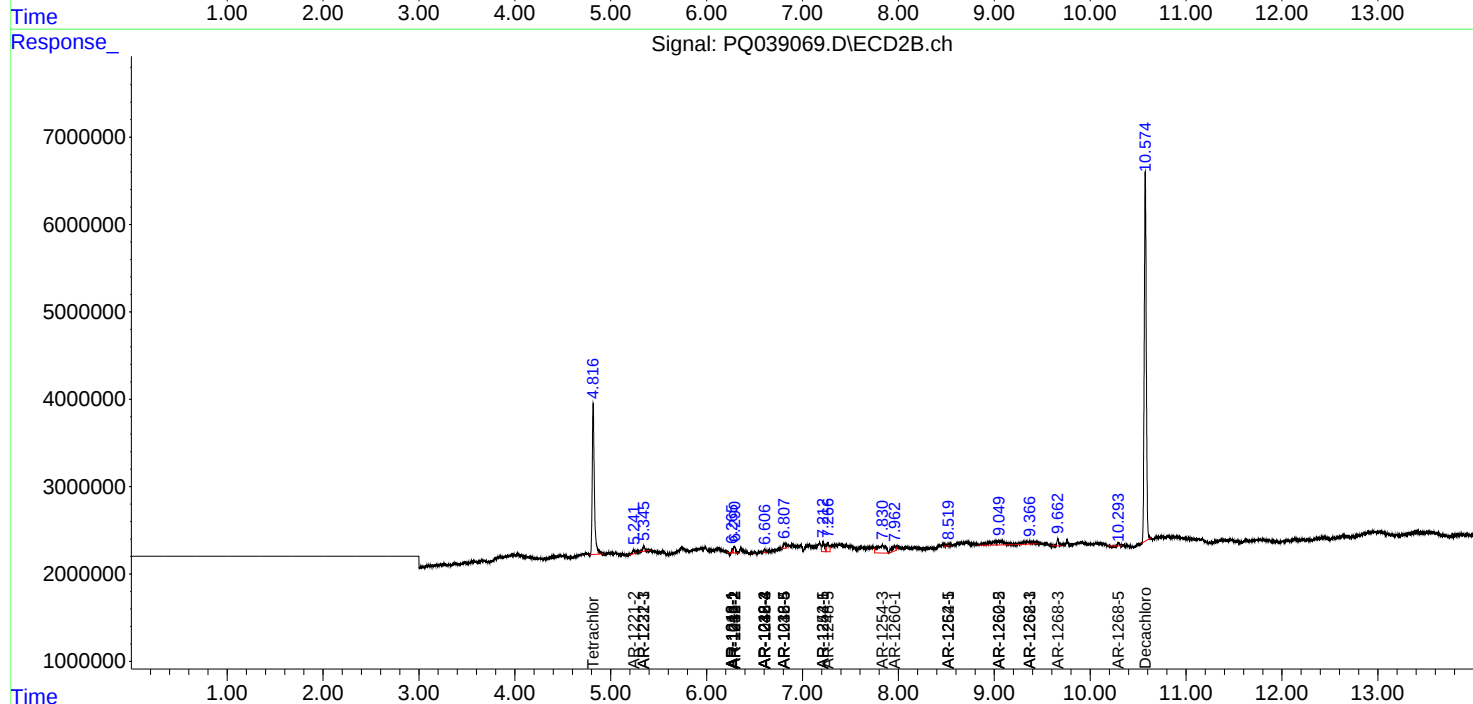
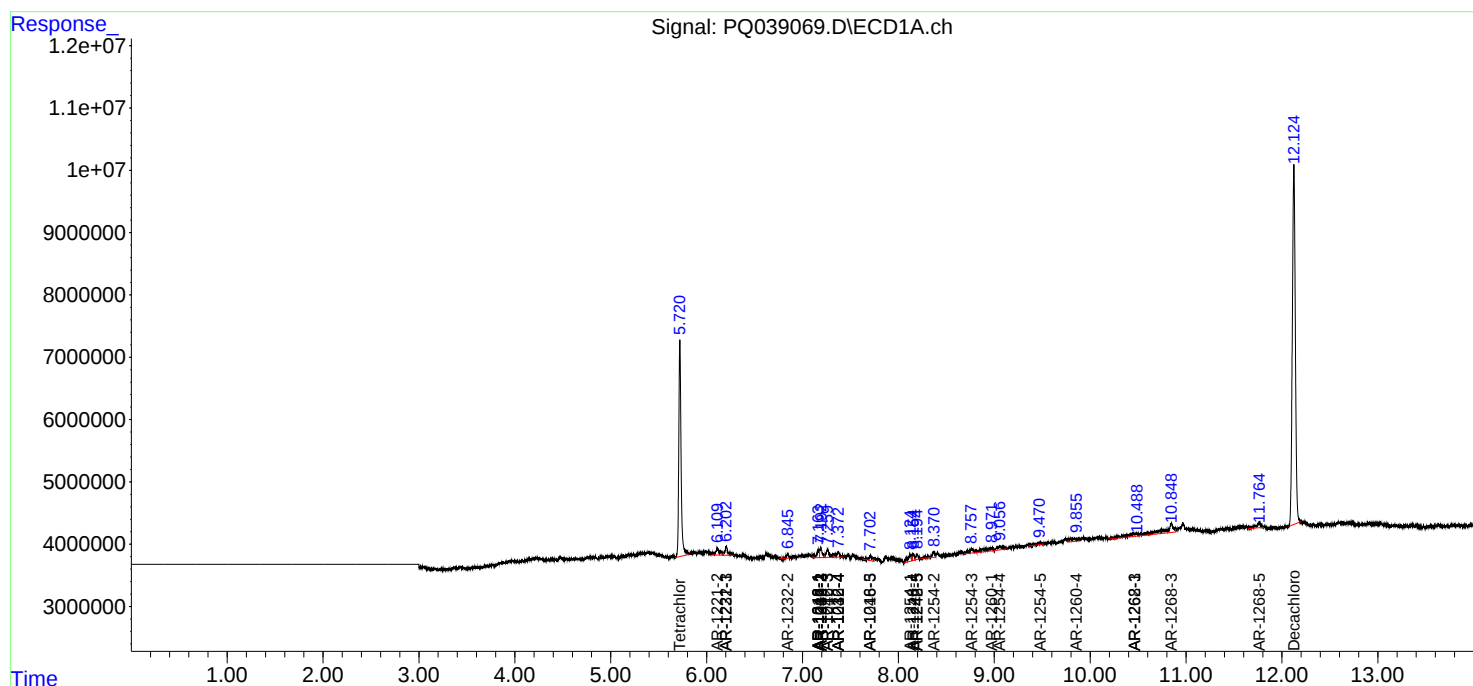
Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

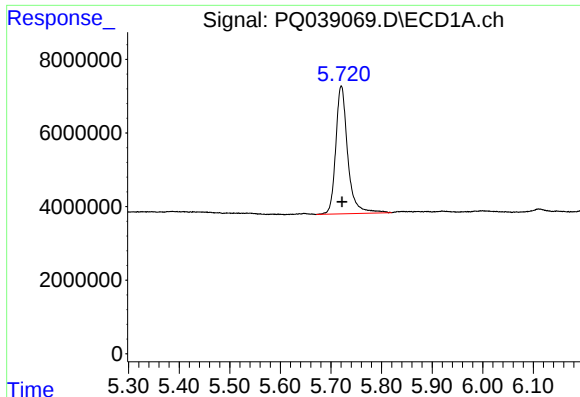
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041219\
Data File : PQ039069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 17:19
Operator : AJ\SJ
Sample : K1560-09
Misc : AR1232 MDL 25 PPB
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 00:56:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041219.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Apr 13 00:36:36 2019
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

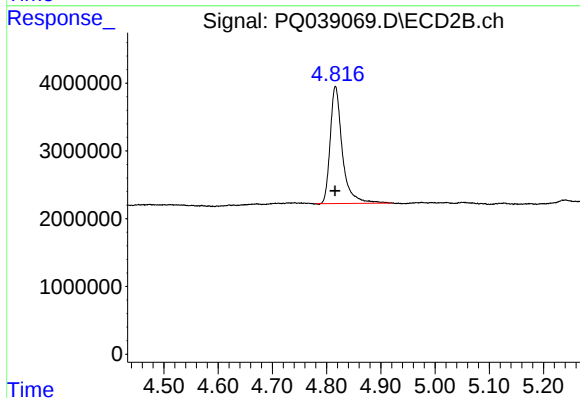




#1 Tetrachloro-m-xylene

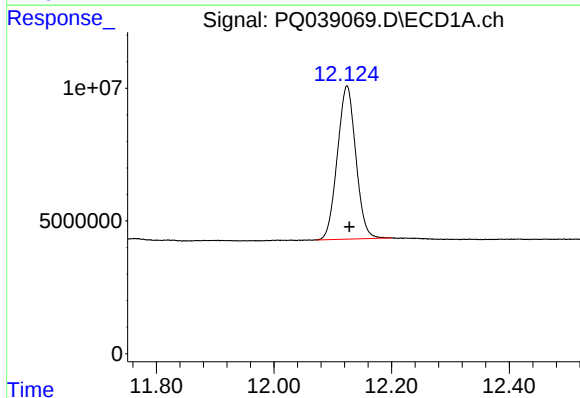
R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 57159611
Conc: 12.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



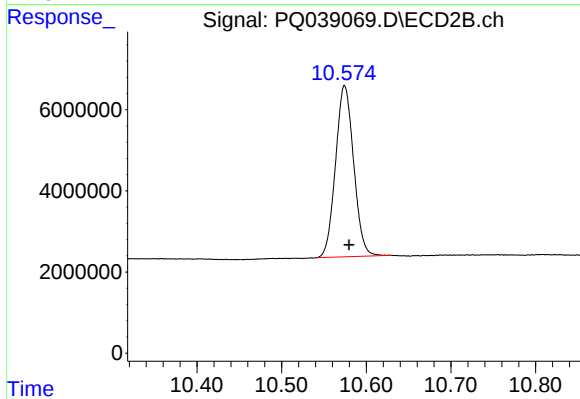
#1 Tetrachloro-m-xylene

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 26855071
Conc: 12.04 ng/ml



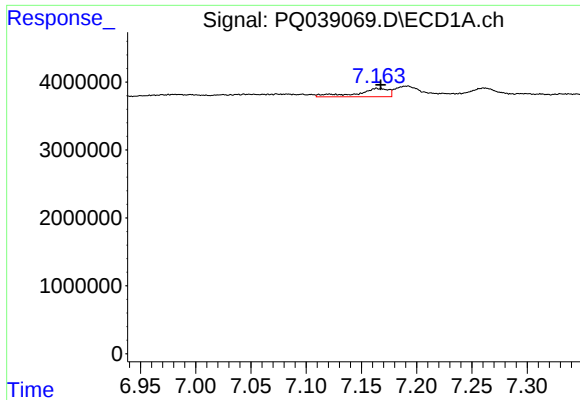
#2 Decachlorobiphenyl

R.T.: 12.124 min
Delta R.T.: -0.004 min
Response: 125721805
Conc: 18.12 ng/ml



#2 Decachlorobiphenyl

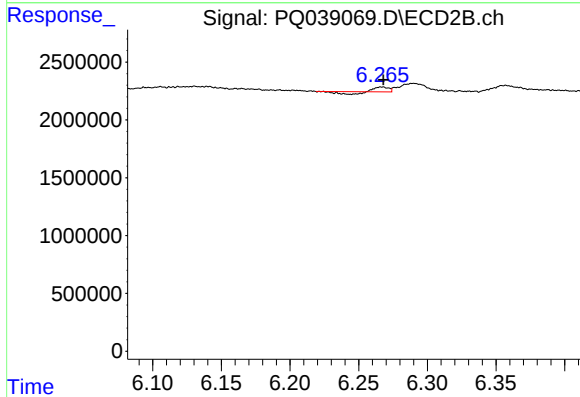
R.T.: 10.574 min
Delta R.T.: -0.005 min
Response: 62767584
Conc: 17.99 ng/ml



#3 AR-1016-1

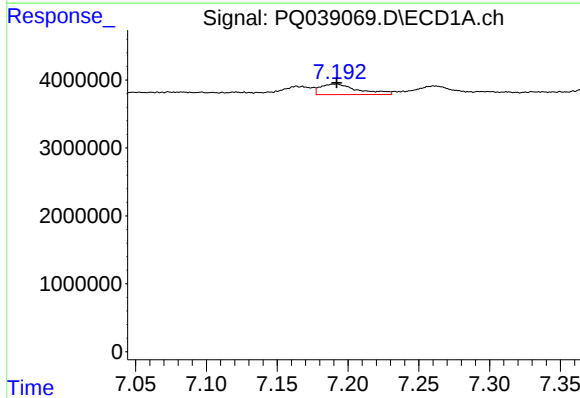
R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 2436399
Conc: 13.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



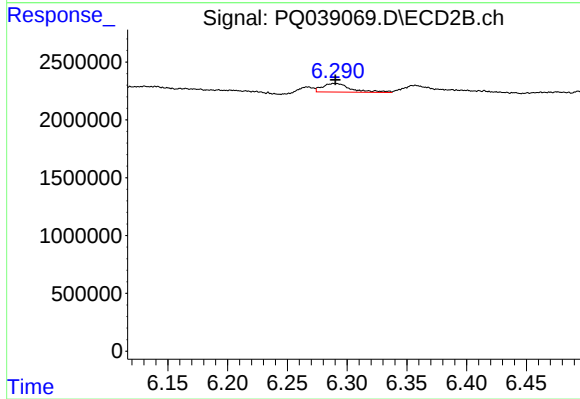
#3 AR-1016-1

R.T.: 6.267 min
Delta R.T.: -0.001 min
Response: 82361
Conc: 0.81 ng/ml



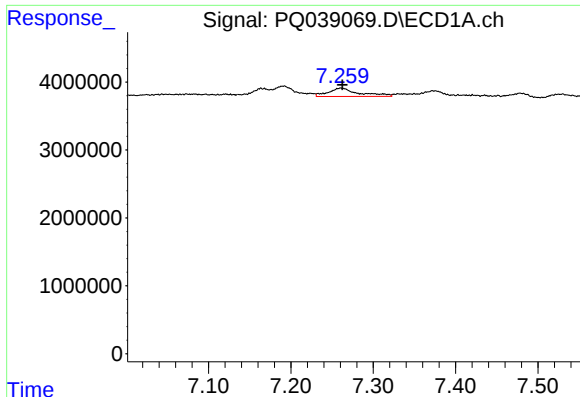
#4 AR-1016-2

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 2855838
Conc: 10.54 ng/ml



#4 AR-1016-2

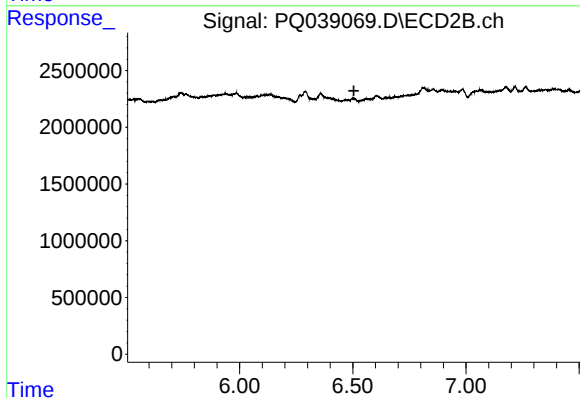
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 1264141
Conc: 8.53 ng/ml



#5 AR-1016-3

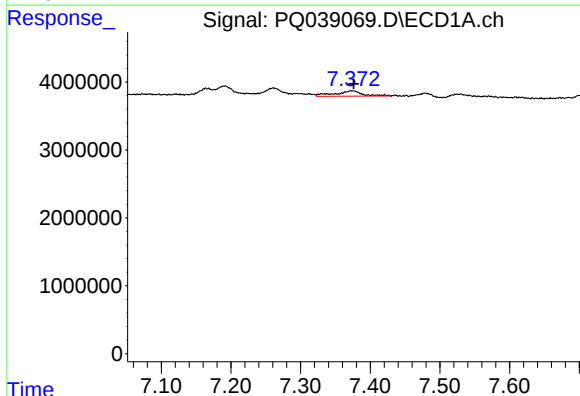
R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 3157617
Conc: 18.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



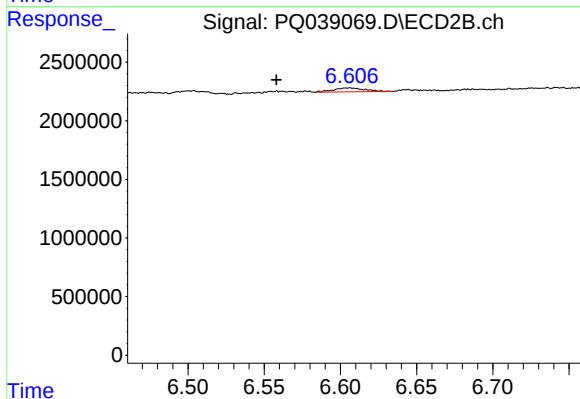
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.505 min
Response: 0
Conc: N.D.



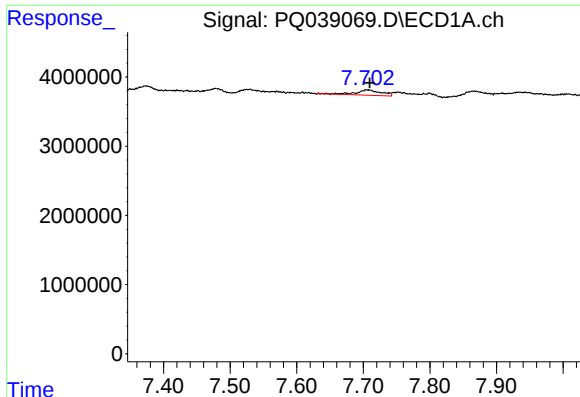
#6 AR-1016-4

R.T.: 7.374 min
Delta R.T.: -0.003 min
Response: 2123471
Conc: 15.32 ng/ml



#6 AR-1016-4

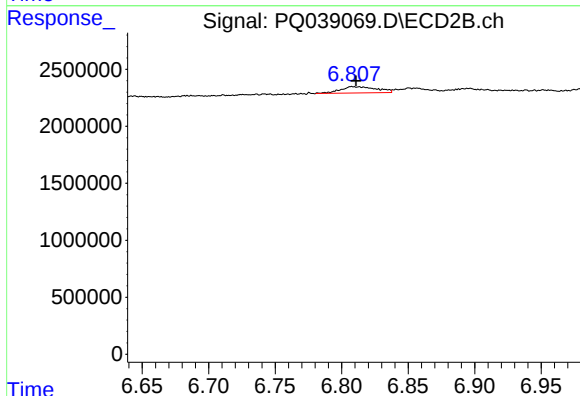
R.T.: 6.605 min
Delta R.T.: 0.047 min
Response: 474915
Conc: 7.62 ng/ml



#7 AR-1016-5

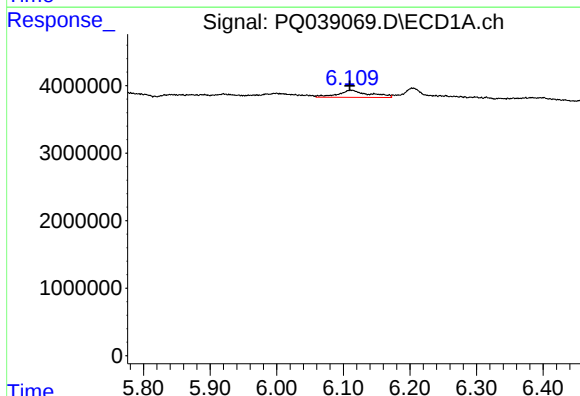
R.T.: 7.707 min
Delta R.T.: -0.003 min
Response: 2007003
Conc: 14.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



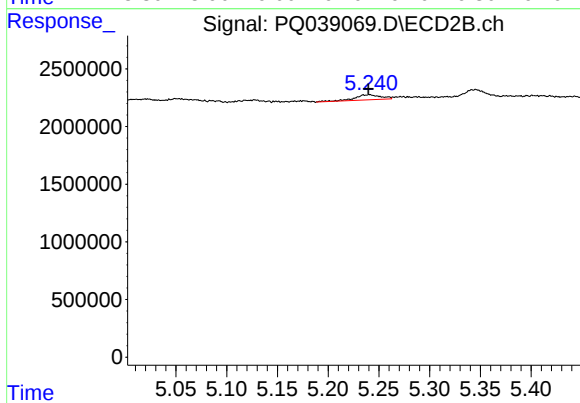
#7 AR-1016-5

R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 1029789
Conc: 11.60 ng/ml



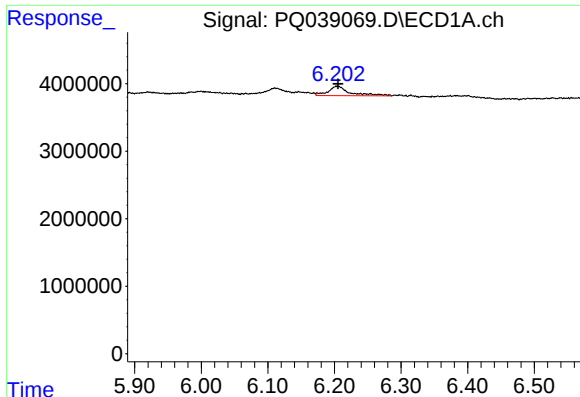
#9 AR-1221-2

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 3494738
Conc: 102.95 ng/ml



#9 AR-1221-2

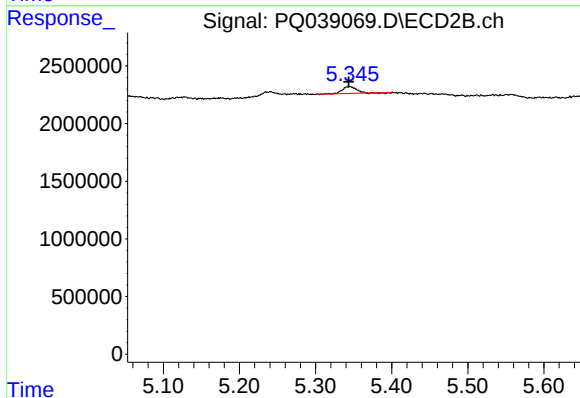
R.T.: 5.241 min
Delta R.T.: 0.001 min
Response: 819871
Conc: 39.32 ng/ml



#10 AR-1221-3

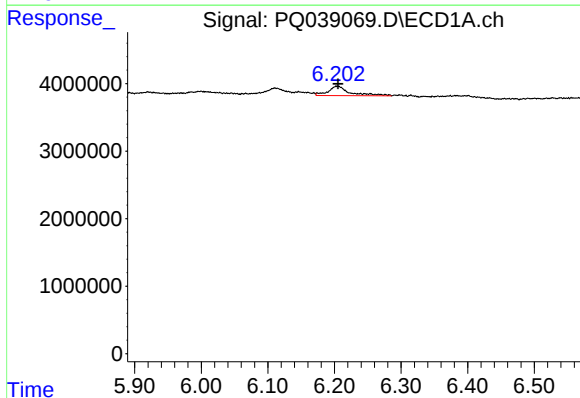
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 3172890
Conc: 28.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



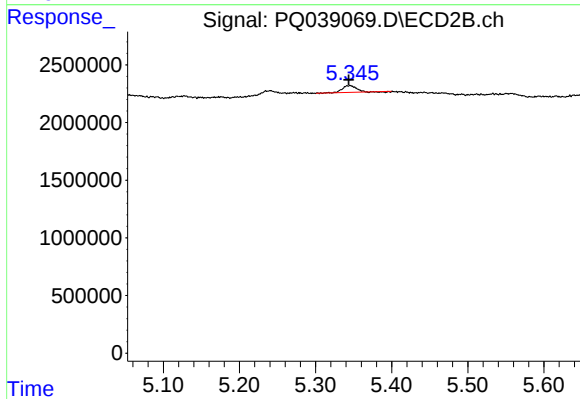
#10 AR-1221-3

R.T.: 5.345 min
Delta R.T.: 0.002 min
Response: 710041
Conc: 11.57 ng/ml



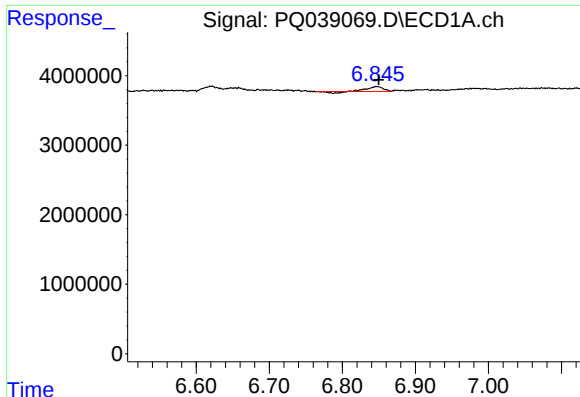
#11 AR-1232-1

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 3172890
Conc: 39.89 ng/ml



#11 AR-1232-1

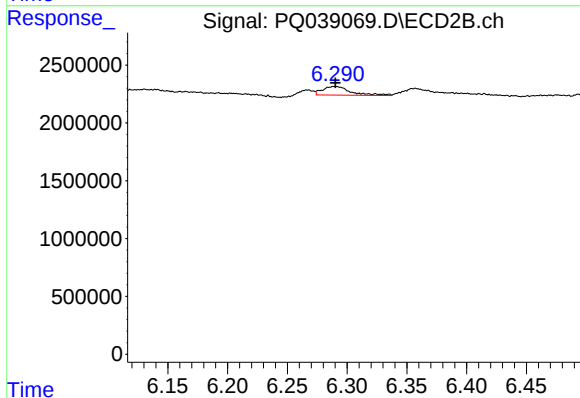
R.T.: 5.345 min
Delta R.T.: 0.002 min
Response: 710041
Conc: 18.72 ng/ml



#12 AR-1232-2

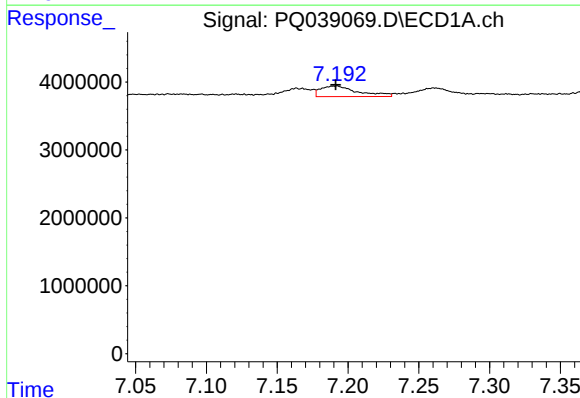
R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 873412
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



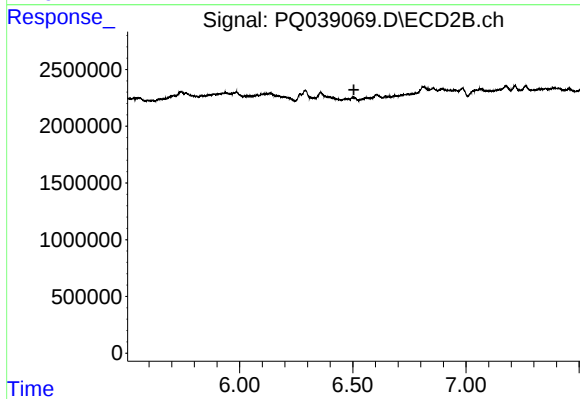
#12 AR-1232-2

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 1264141
Conc: 27.20 ng/ml



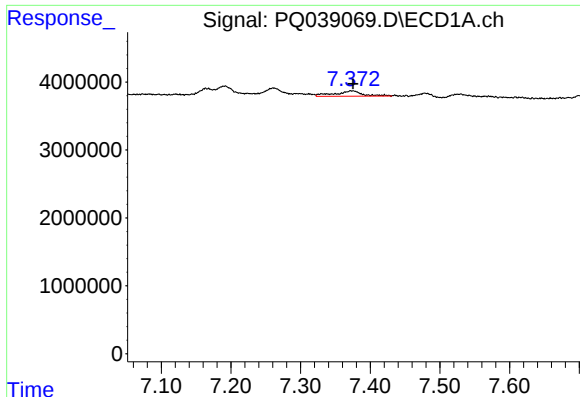
#13 AR-1232-3

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 2855838
Conc: 32.08 ng/ml



#13 AR-1232-3

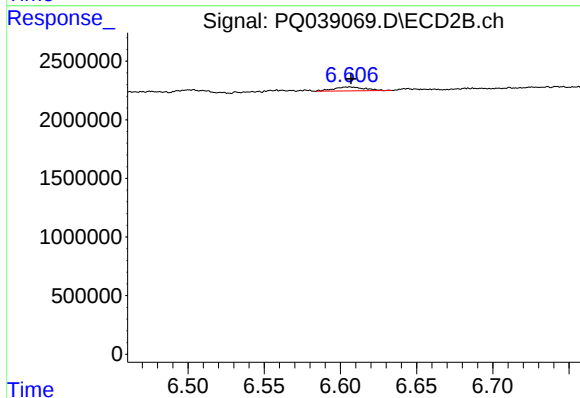
R.T.: 0.000 min
Exp R.T.: 6.505 min
Response: 0
Conc: N.D.



#14 AR-1232-4

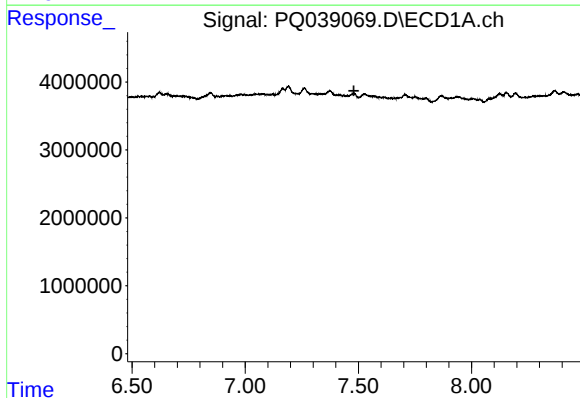
R.T.: 7.374 min
Delta R.T.: -0.001 min
Response: 2123471
Conc: 41.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



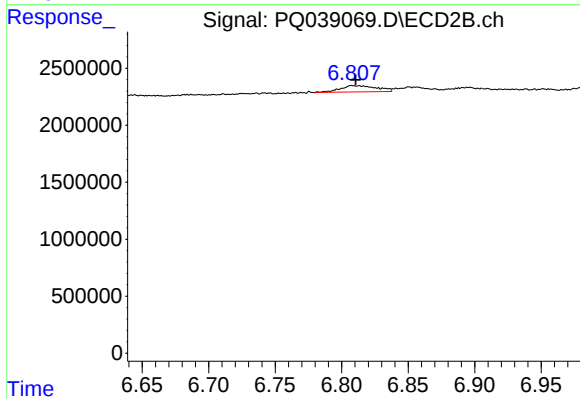
#14 AR-1232-4

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 474915
Conc: 22.56 ng/ml



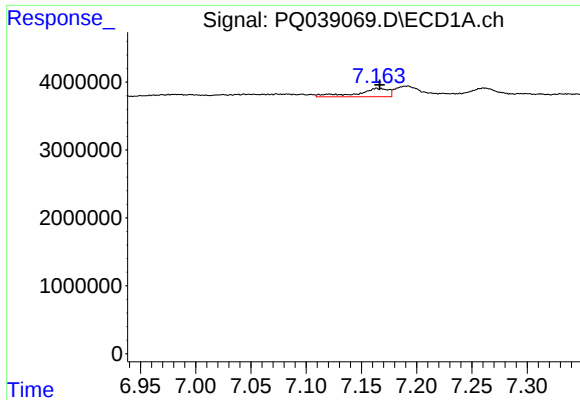
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 7.480 min
Response: 0
Conc: N.D.



#15 AR-1232-5

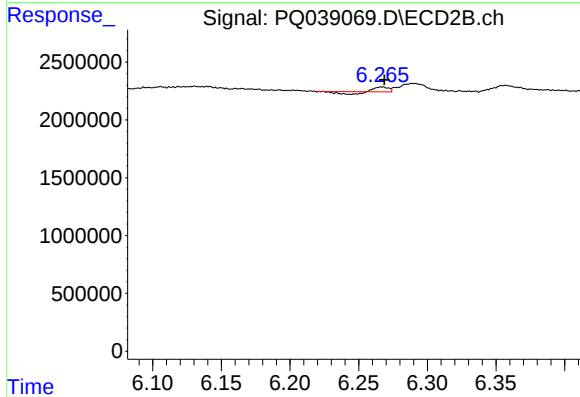
R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 1029789
Conc: 42.25 ng/ml



#16 AR-1242-1

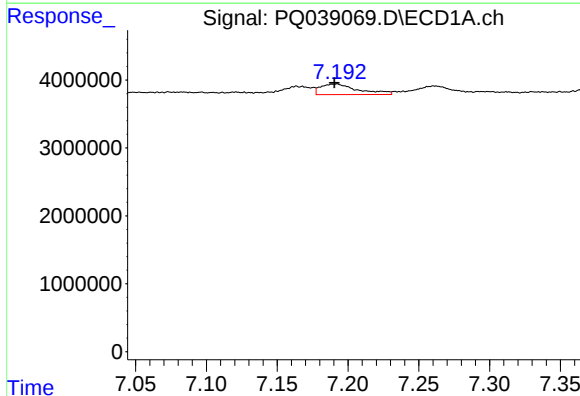
R.T.: 7.165 min
Delta R.T.: -0.001 min
Response: 2436399
Conc: 21.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



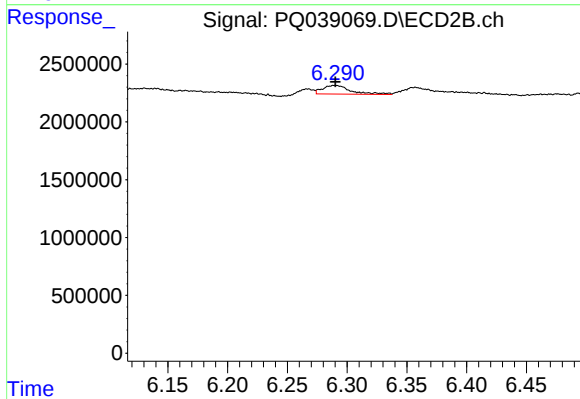
#16 AR-1242-1

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 82361
Conc: 1.40 ng/ml



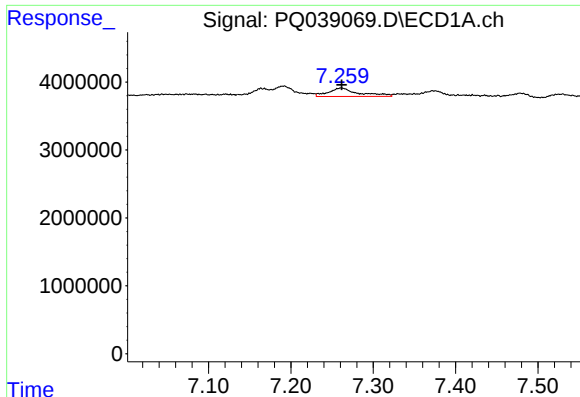
#17 AR-1242-2

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 2855838
Conc: 17.39 ng/ml



#17 AR-1242-2

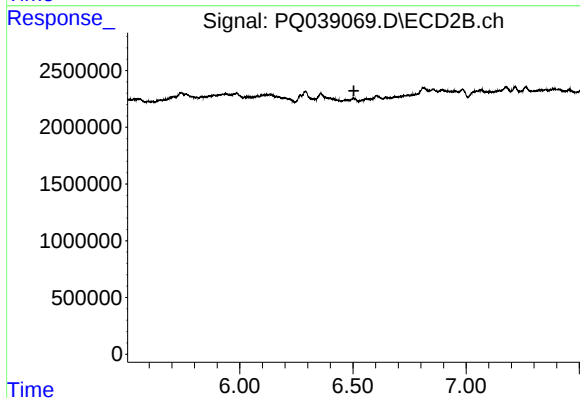
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 1264141
Conc: 14.71 ng/ml



#18 AR-1242-3

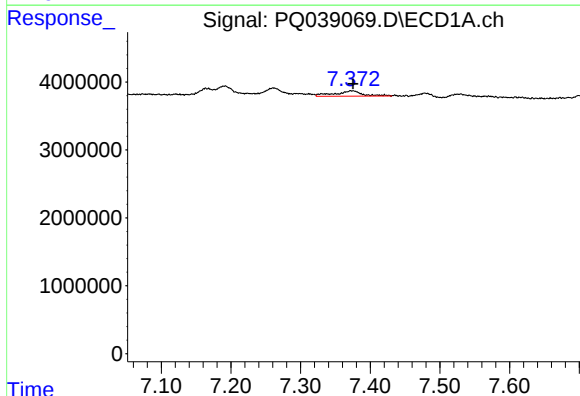
R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 3157617
Conc: 28.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



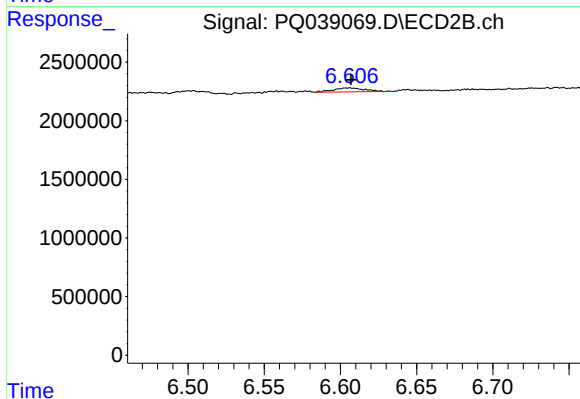
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.504 min
Response: 0
Conc: N.D.



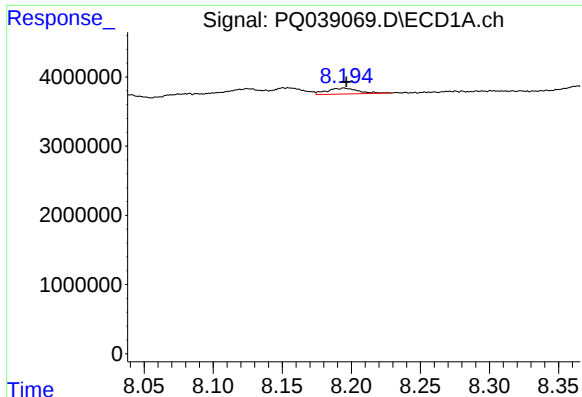
#19 AR-1242-4

R.T.: 7.374 min
Delta R.T.: -0.001 min
Response: 2123471
Conc: 24.54 ng/ml



#19 AR-1242-4

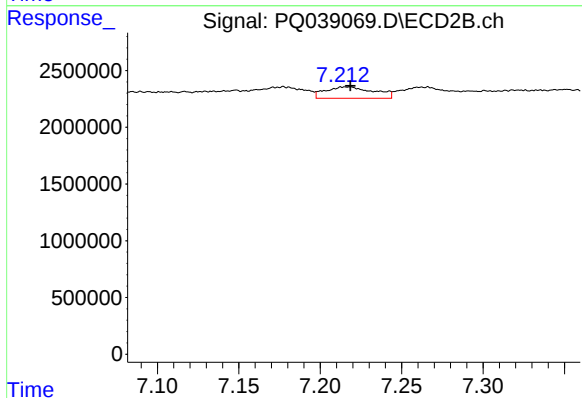
R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 474915
Conc: 10.60 ng/ml



#20 AR-1242-5

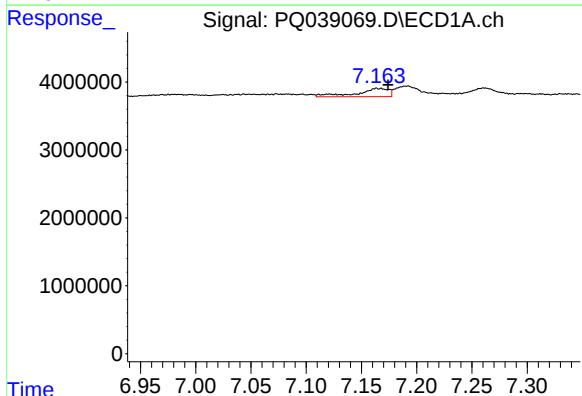
R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 1303492
Conc: 13.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



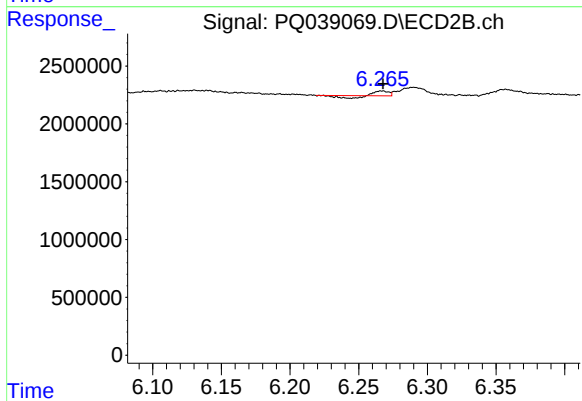
#20 AR-1242-5

R.T.: 7.217 min
Delta R.T.: -0.002 min
Response: 2081112
Conc: 32.09 ng/ml



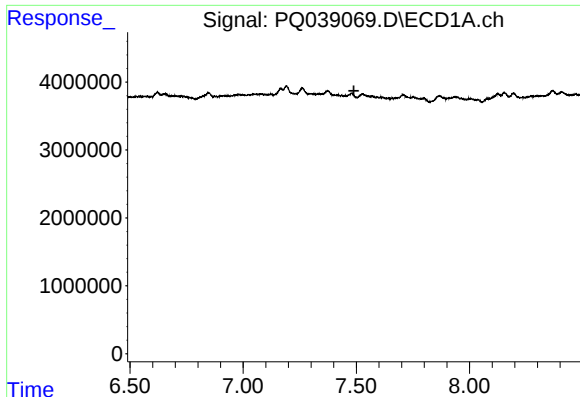
#21 AR-1248-1

R.T.: 7.165 min
Delta R.T.: -0.009 min
Response: 2436399
Conc: 29.47 ng/ml



#21 AR-1248-1

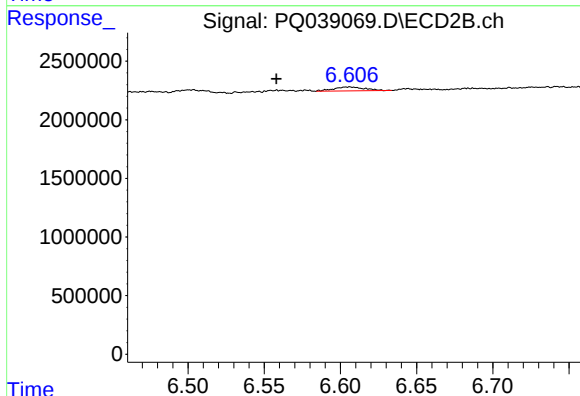
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 82361
Conc: 1.85 ng/ml



#22 AR-1248-2

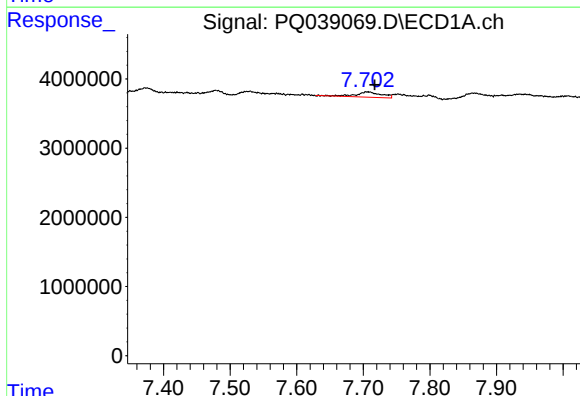
R.T.: 0.000 min
Exp R.T.: 7.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



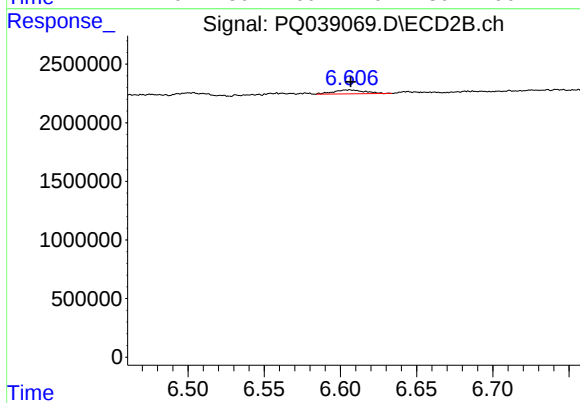
#22 AR-1248-2

R.T.: 6.605 min
Delta R.T.: 0.047 min
Response: 474915
Conc: 7.95 ng/ml



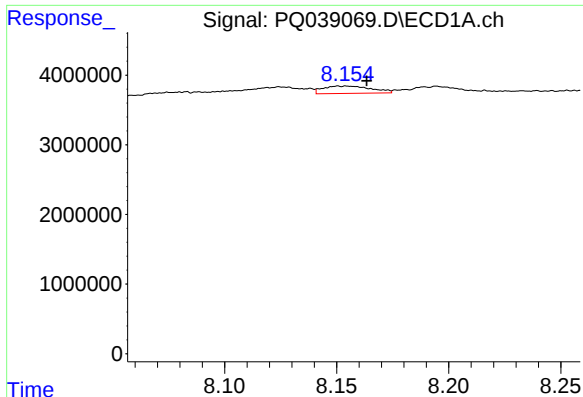
#23 AR-1248-3

R.T.: 7.707 min
Delta R.T.: -0.010 min
Response: 2007003
Conc: 14.64 ng/ml



#23 AR-1248-3

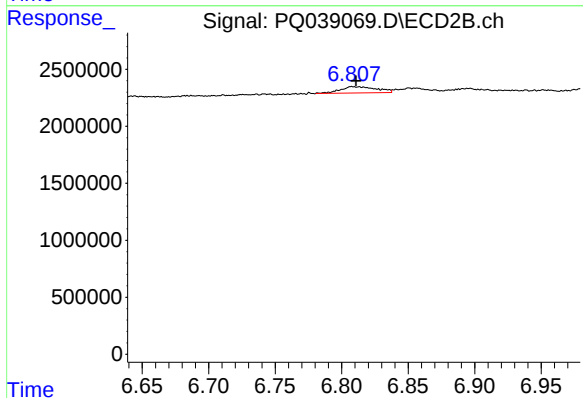
R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 474915
Conc: 7.42 ng/ml



#24 AR-1248-4

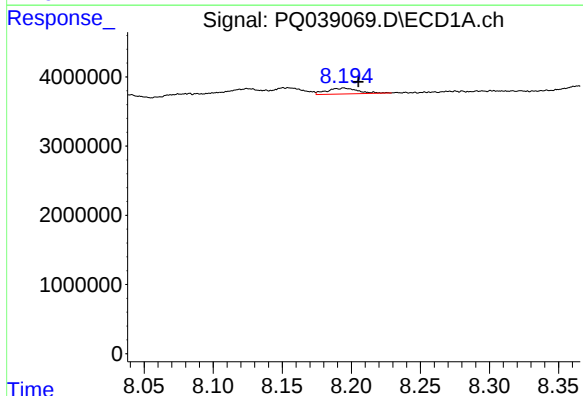
R.T.: 8.154 min
Delta R.T.: -0.010 min
Response: 1572505
Conc: 10.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



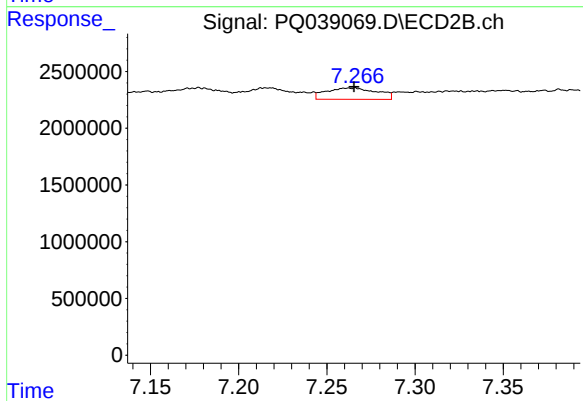
#24 AR-1248-4

R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 1029789
Conc: 12.52 ng/ml



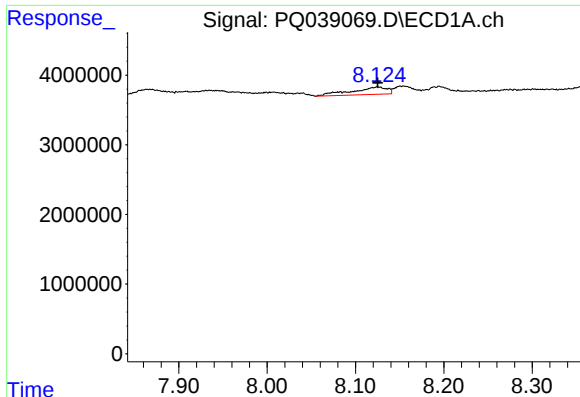
#25 AR-1248-5

R.T.: 8.194 min
Delta R.T.: -0.011 min
Response: 1303492
Conc: 8.52 ng/ml



#25 AR-1248-5

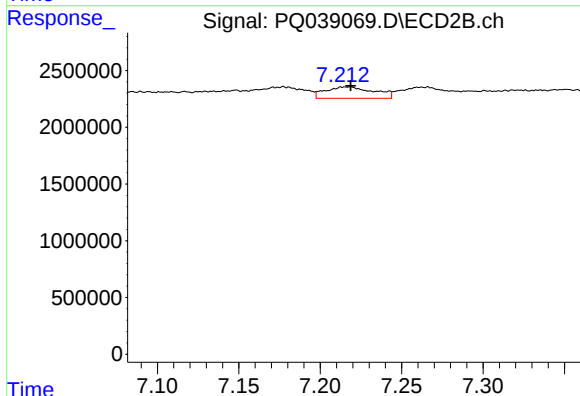
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 2022698
Conc: 24.28 ng/ml



#26 AR-1254-1

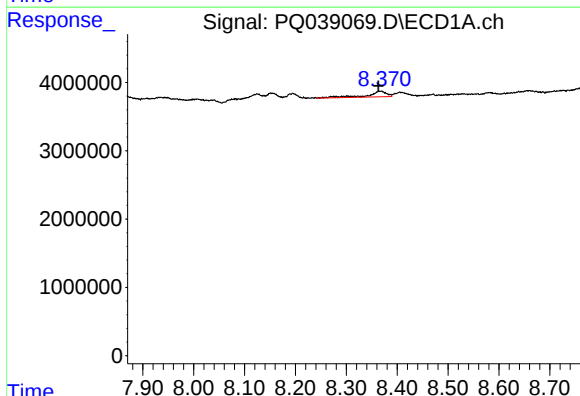
R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 2921402
Conc: 16.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



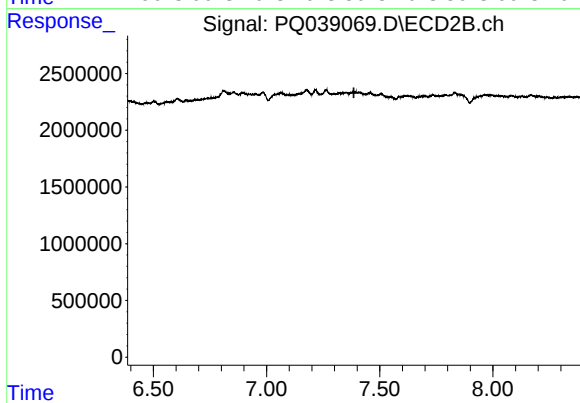
#26 AR-1254-1

R.T.: 7.217 min
Delta R.T.: -0.002 min
Response: 2081112
Conc: 14.56 ng/ml



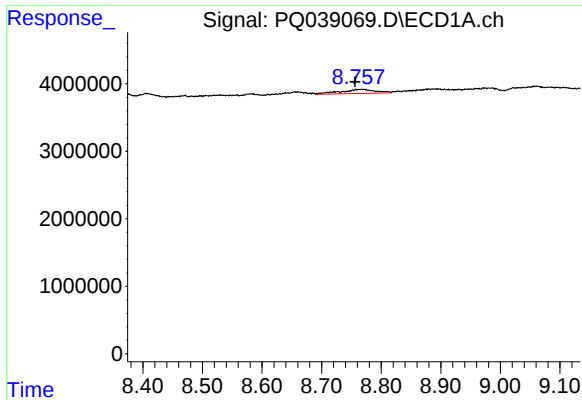
#27 AR-1254-2

R.T.: 8.367 min
Delta R.T.: 0.004 min
Response: 2238609
Conc: 8.18 ng/ml



#27 AR-1254-2

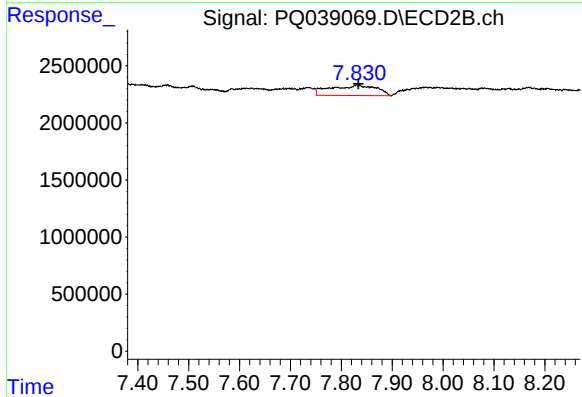
R.T.: 0.000 min
Exp R.T.: 7.386 min
Response: 0
Conc: N.D.



#28 AR-1254-3

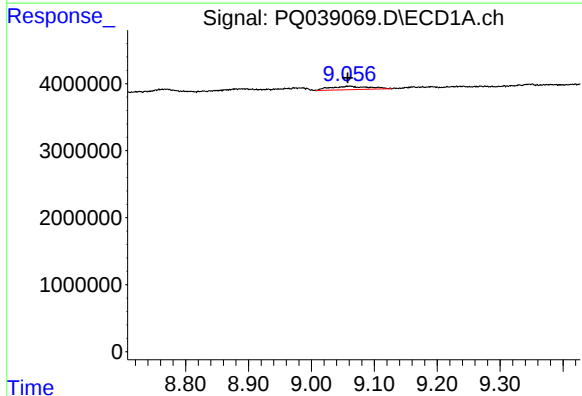
R.T.: 8.768 min
Delta R.T.: 0.011 min
Response: 2447404
Conc: 7.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



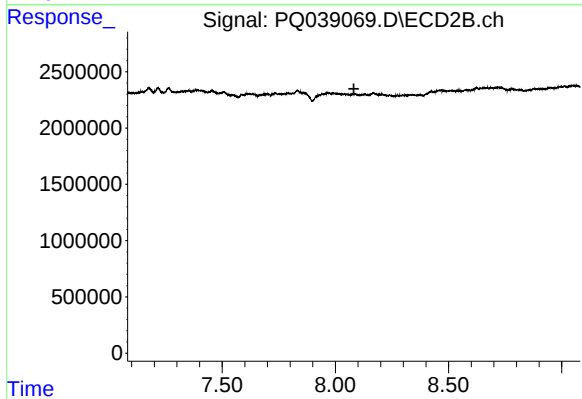
#28 AR-1254-3

R.T.: 7.831 min
Delta R.T.: -0.002 min
Response: 5664147
Conc: 25.32 ng/ml



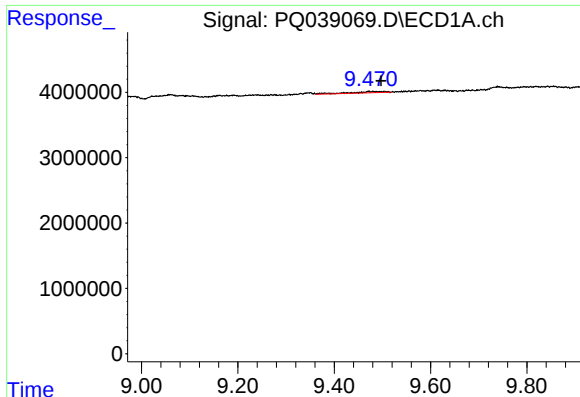
#29 AR-1254-4

R.T.: 9.060 min
Delta R.T.: 0.002 min
Response: 2187152
Conc: 9.85 ng/ml



#29 AR-1254-4

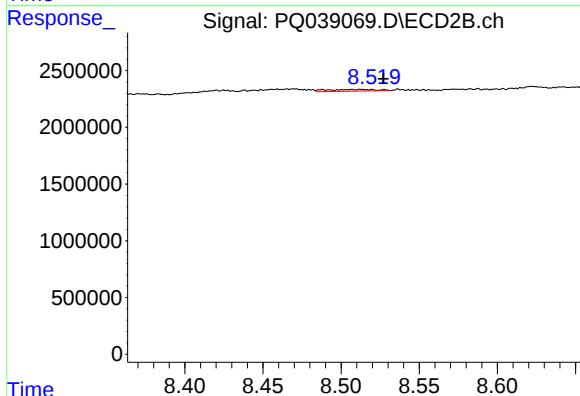
R.T.: 0.000 min
Exp R.T.: 8.082 min
Response: 0
Conc: N.D.



#30 AR-1254-5

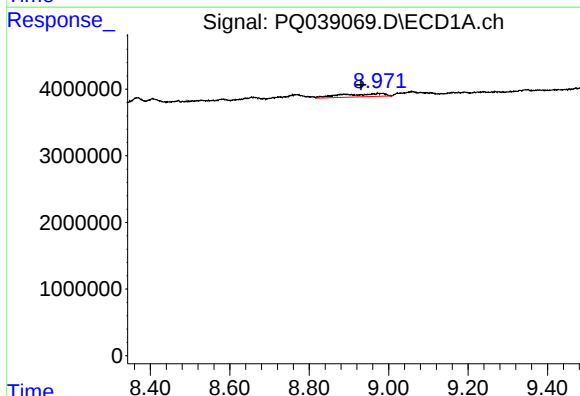
R.T.: 9.488 min
Delta R.T.: -0.009 min
Response: 913573
Conc: 3.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



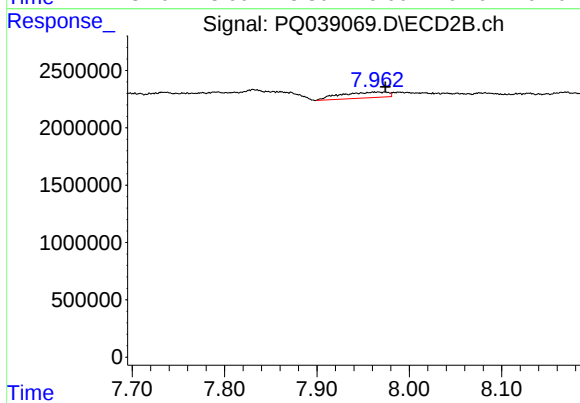
#30 AR-1254-5

R.T.: 8.513 min
Delta R.T.: -0.014 min
Response: 334191
Conc: 1.62 ng/ml



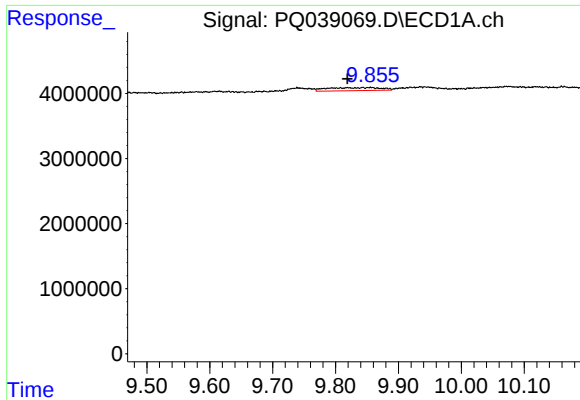
#31 AR-1260-1

R.T.: 8.975 min
Delta R.T.: 0.045 min
Response: 3478582
Conc: 12.44 ng/ml



#31 AR-1260-1

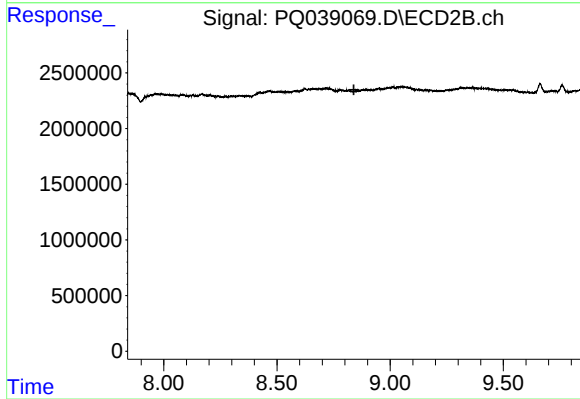
R.T.: 7.965 min
Delta R.T.: -0.009 min
Response: 1806202
Conc: 9.80 ng/ml



#34 AR-1260-4

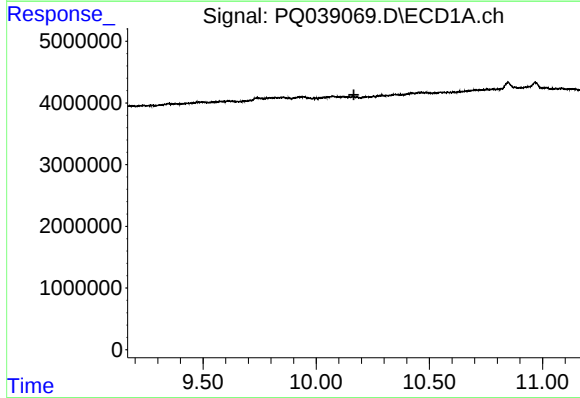
R.T.: 9.855 min
Delta R.T.: 0.037 min
Response: 2732848
Conc: 8.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



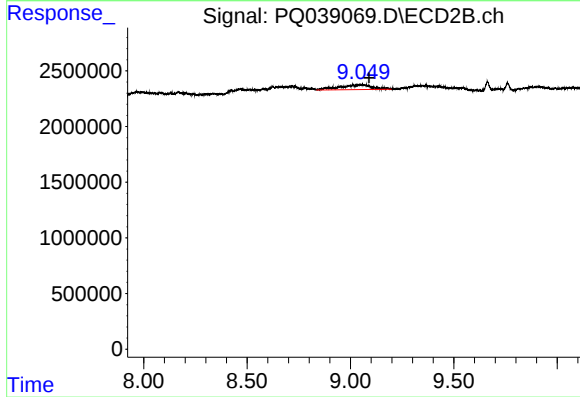
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.840 min
Response: 0
Conc: N.D.



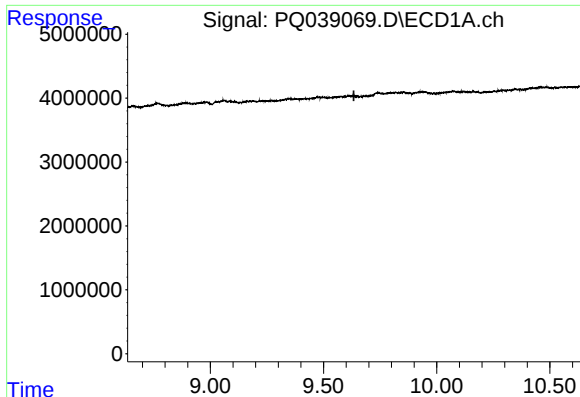
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 10.167 min
Response: 0
Conc: N.D.



#35 AR-1260-5

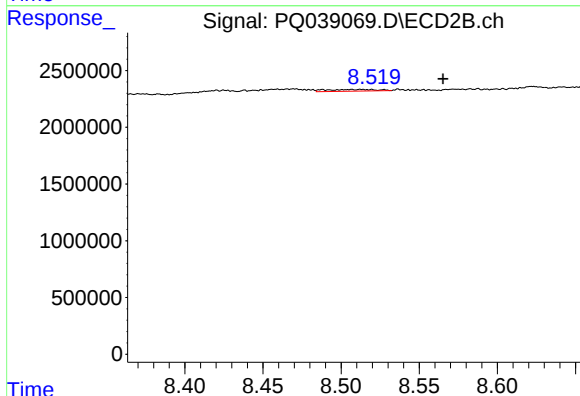
R.T.: 9.050 min
Delta R.T.: -0.040 min
Response: 4884928
Conc: 10.93 ng/ml



#36 AR-1262-1

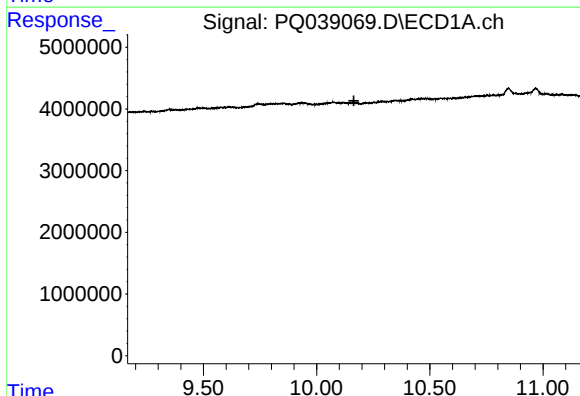
R.T.: 0.000 min
Exp R.T.: 9.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



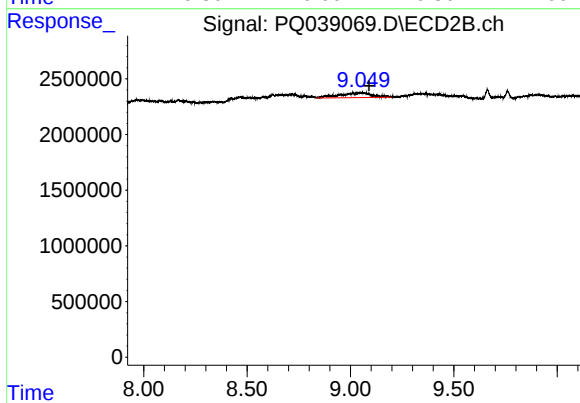
#36 AR-1262-1

R.T.: 8.513 min
Delta R.T.: -0.053 min
Response: 334191
Conc: 1.50 ng/ml



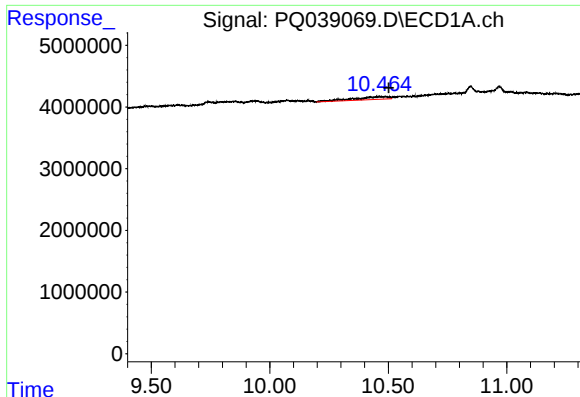
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.



#37 AR-1262-2

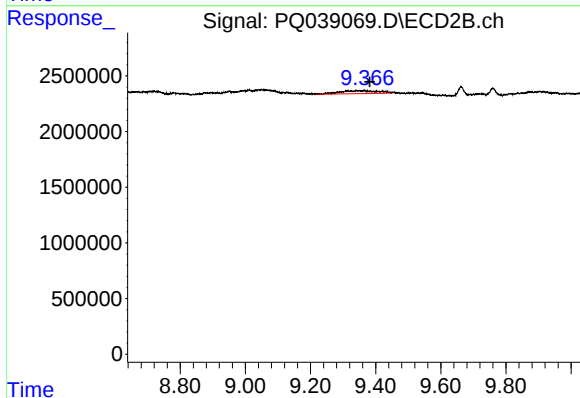
R.T.: 9.050 min
Delta R.T.: -0.039 min
Response: 4884928
Conc: 11.31 ng/ml



#38 AR-1262-3

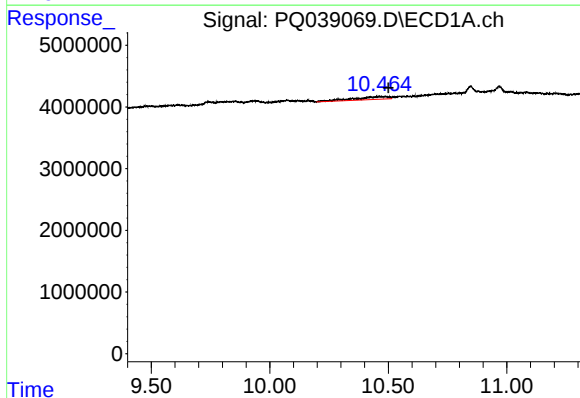
R.T.: 10.464 min
Delta R.T.: -0.038 min
Response: 4616281
Conc: 10.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



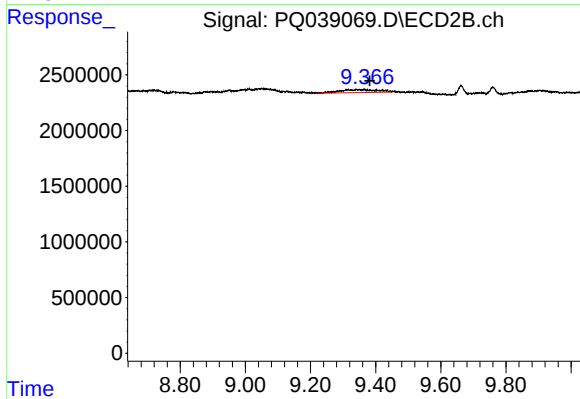
#38 AR-1262-3

R.T.: 9.363 min
Delta R.T.: -0.019 min
Response: 2206513
Conc: 13.09 ng/ml



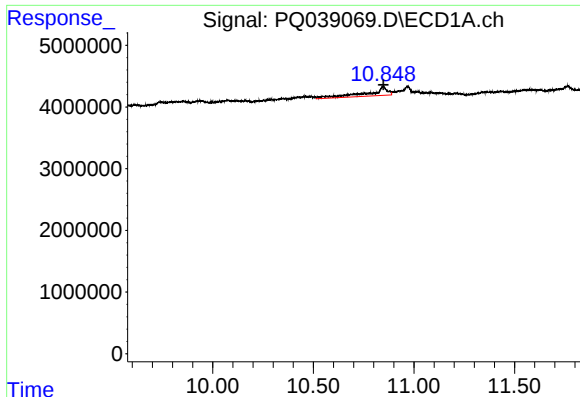
#41 AR-1268-1

R.T.: 10.464 min
Delta R.T.: -0.037 min
Response: 4616281
Conc: 5.71 ng/ml



#41 AR-1268-1

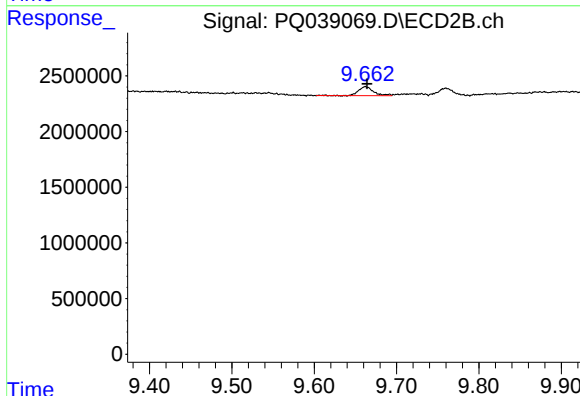
R.T.: 9.363 min
Delta R.T.: -0.019 min
Response: 2206513
Conc: 4.27 ng/ml



#43 AR-1268-3

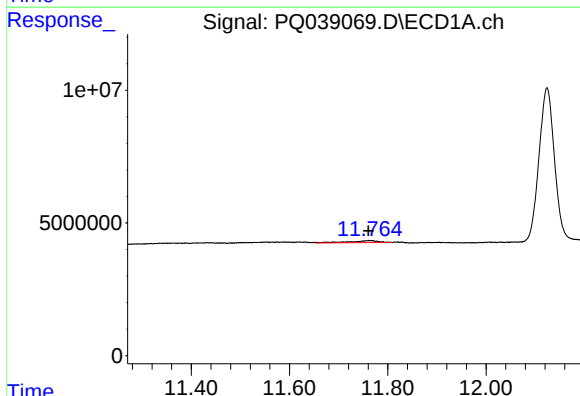
R.T.: 10.848 min
Delta R.T.: 0.000 min
Response: 9835526
Conc: 14.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



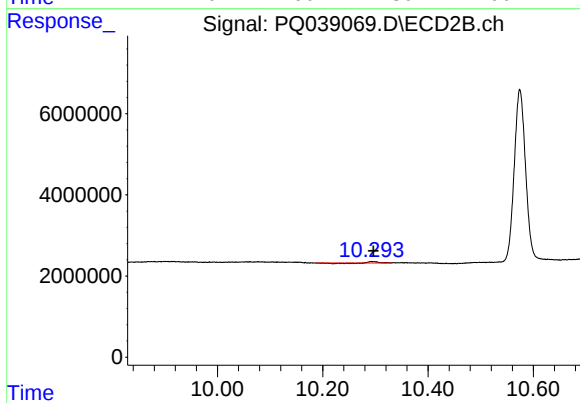
#43 AR-1268-3

R.T.: 9.662 min
Delta R.T.: -0.002 min
Response: 1016989
Conc: 2.55 ng/ml



#45 AR-1268-5

R.T.: 11.764 min
Delta R.T.: 0.003 min
Response: 2839705
Conc: 1.25 ng/ml



#45 AR-1268-5

R.T.: 10.294 min
Delta R.T.: -0.002 min
Response: 117654
Conc: 0.09 ng/ml