

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 01:27
 Operator : AJ\MA
 Sample : M2940-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 04:25:00 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	421.7E6	245.8E6	18.060	17.385
2)	SA Decachlor...	11.376	9.544	363.2E6	288.8E6	21.587	22.896
Target Compounds							
3)	L1 AR-1016-1	6.530	5.493f	2485032	5067352	3.390	11.194 #
4)	L1 AR-1016-2	6.555	5.493	2287873	5067352	2.037	6.836 #
5)	L1 AR-1016-3	0.000	5.685	0	1855280	N.D.	5.146 #
6)	L1 AR-1016-4	0.000	5.753f	0	3938569	N.D.	13.799 #
7)	L1 AR-1016-5	0.000	5.953	0	2094123	N.D.	5.748 #
8)	L2 AR-1221-1	5.455	4.467	12937861	6176690	53.475	43.351
9)	L2 AR-1221-2	5.558	4.568	14663170	7129963	80.947	67.588
10)	L2 AR-1221-3	5.644	4.657	29225637	18098848	51.076	51.576
11)	L3 AR-1232-1	5.644	4.657	29225637	18098848	74.811	77.540
12)	L3 AR-1232-2	6.232	5.493	2791155	5067352	12.015	17.496 #
13)	L3 AR-1232-3	6.555	5.685	2287873	1855280	5.332	13.984 #
14)	L3 AR-1232-4	0.000	5.753f	0	3938569	N.D.	34.516 #
15)	L3 AR-1232-5	0.000	5.953	0	2094123	N.D.	16.295 #
16)	L4 AR-1242-1	6.530	5.493f	2485032	5067352	5.412	18.637 #
17)	L4 AR-1242-2	6.555	5.493	2287873	5067352	3.246	10.766 #
18)	L4 AR-1242-3	0.000	5.685	0	1855280	N.D.	8.409 #
19)	L4 AR-1242-4	0.000	5.753f	0	3938569	N.D.	18.205 #
20)	L4 AR-1242-5	0.000	6.344	0	6791111	N.D.	22.892 #
21)	L5 AR-1248-1	6.530	5.493f	2485032	5067352	6.699	22.460 #
22)	L5 AR-1248-2	0.000	5.753f	0	3938569	N.D.	12.000 #
23)	L5 AR-1248-3	0.000	5.753f	0	3938569	N.D.	11.910 #
24)	L5 AR-1248-4	0.000	5.953	0	2094123	N.D.	5.276 #
25)	L5 AR-1248-5	0.000	6.387	0	2172461	N.D.	5.451 #
26)	L6 AR-1254-1	7.439	6.344	2091553	6791111	2.959	10.155 #
27)	L6 AR-1254-2	0.000	6.503	0	3730020	N.D.	6.066 #
28)	L6 AR-1254-3	0.000	6.942f	0	5899654	N.D.	6.110 #
29)	L6 AR-1254-4	0.000	7.173	0	3050485	N.D.	4.577 #
30)	L6 AR-1254-5	0.000	7.591	0	14704990	N.D.	15.077 #
31)	L7 AR-1260-1	0.000	7.059	0	7821518	N.D.	10.435 #
32)	L7 AR-1260-2	8.488	7.256	3480910	3758692	3.066	3.598
33)	L7 AR-1260-3	0.000	7.404	0	11309715	N.D.	12.995 #
34)	L7 AR-1260-4	0.000	7.897	0	10824306	N.D.	17.385 #
35)	L7 AR-1260-5	0.000	8.142	0	2636317	N.D.	1.539 #
36)	L8 AR-1262-1	0.000	7.591	0	14704990	N.D.	32.538 #
37)	L8 AR-1262-2	0.000	8.142	0	2636317	N.D.	1.400 #
43)	L9 AR-1268-3	0.000	8.700	0	1982032	N.D.	1.186 #
45)	L9 AR-1268-5	11.016	9.288	2536477	5595303	0.465	1.187 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 01:27
Operator : AJ\MA
Sample : M2940-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 33 Sample Multiplier: 1

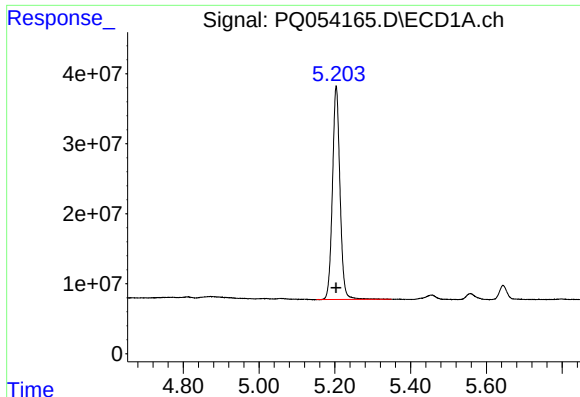
Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 04:25:00 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

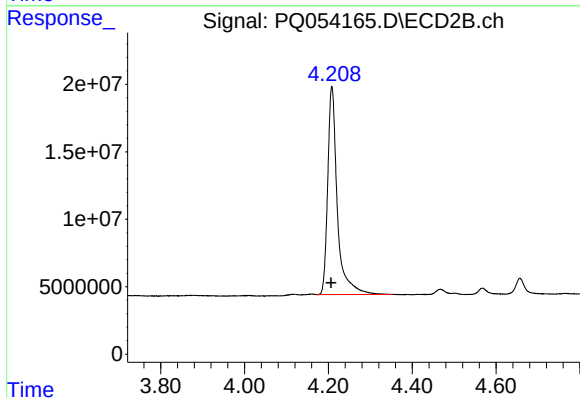
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						



#1 Tetrachloro-m-xylene

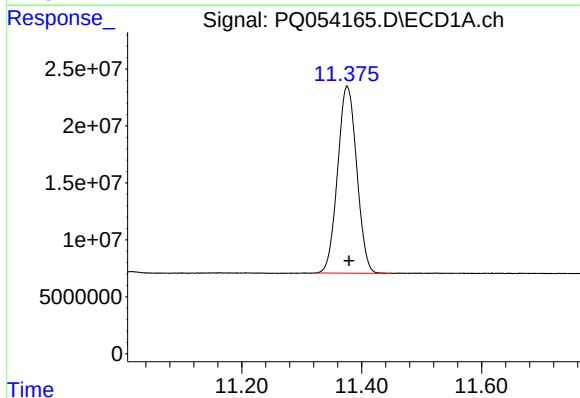
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 421742988
Conc: 18.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



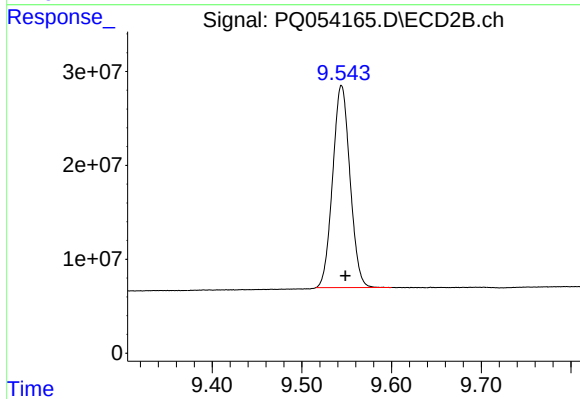
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 245780498
Conc: 17.39 ng/ml



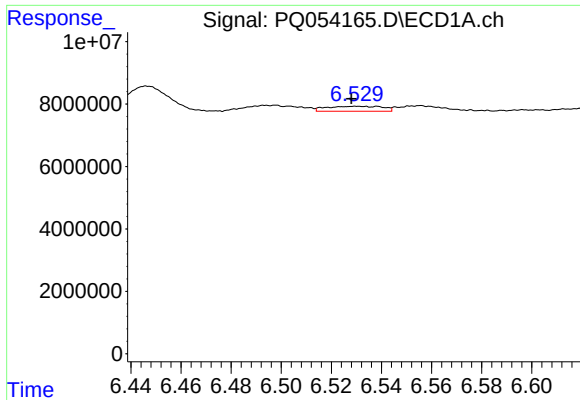
#2 Decachlorobiphenyl

R.T.: 11.376 min
Delta R.T.: -0.003 min
Response: 363223805
Conc: 21.59 ng/ml



#2 Decachlorobiphenyl

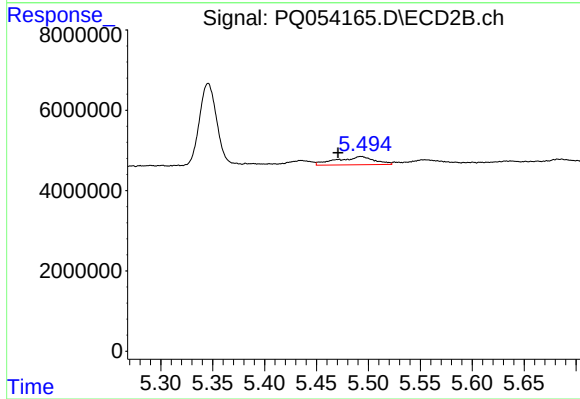
R.T.: 9.544 min
Delta R.T.: -0.004 min
Response: 288814562
Conc: 22.90 ng/ml



#3 AR-1016-1

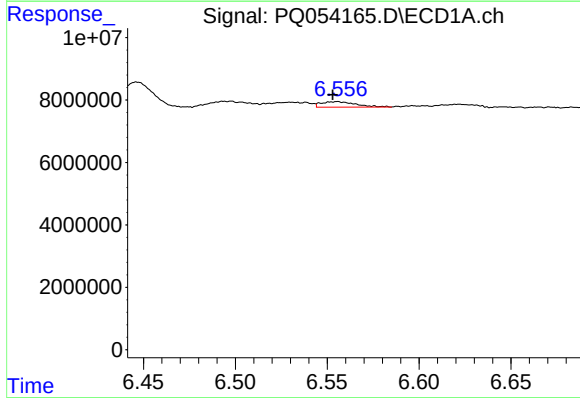
R.T.: 6.530 min
Delta R.T.: 0.002 min
Response: 2485032
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



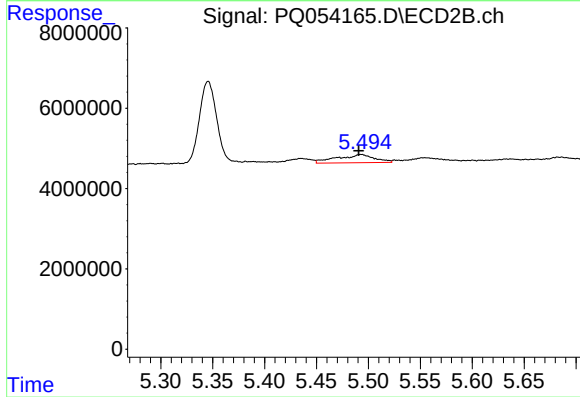
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.022 min
Response: 5067352
Conc: 11.19 ng/ml



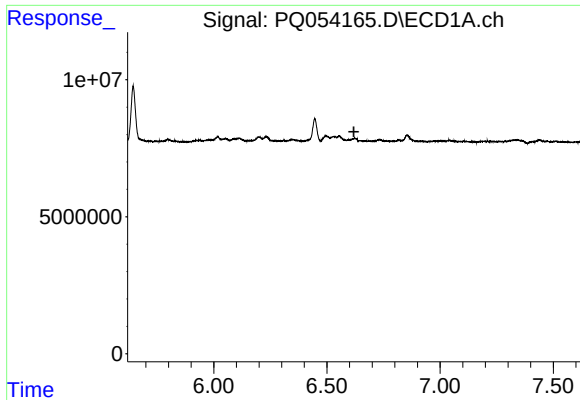
#4 AR-1016-2

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 2287873
Conc: 2.04 ng/ml



#4 AR-1016-2

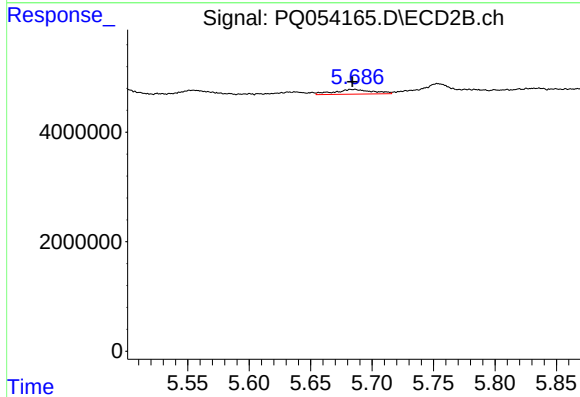
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 5067352
Conc: 6.84 ng/ml



#5 AR-1016-3

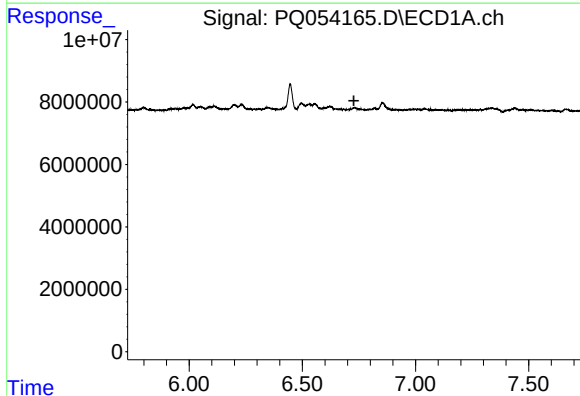
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



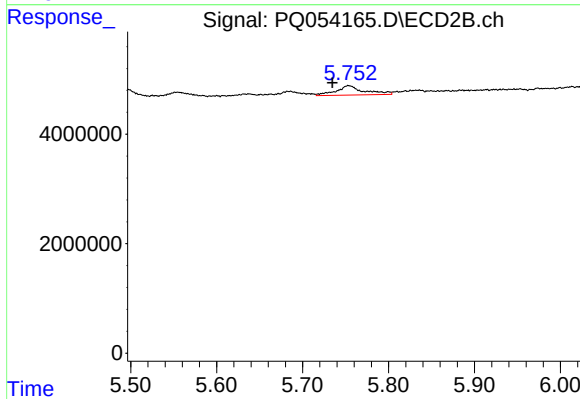
#5 AR-1016-3

R.T.: 5.685 min
Delta R.T.: 0.001 min
Response: 1855280
Conc: 5.15 ng/ml



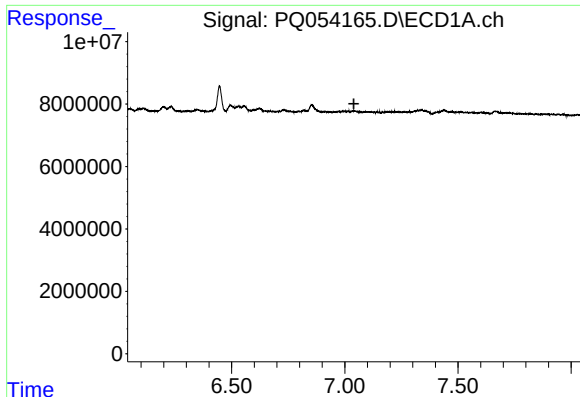
#6 AR-1016-4

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



#6 AR-1016-4

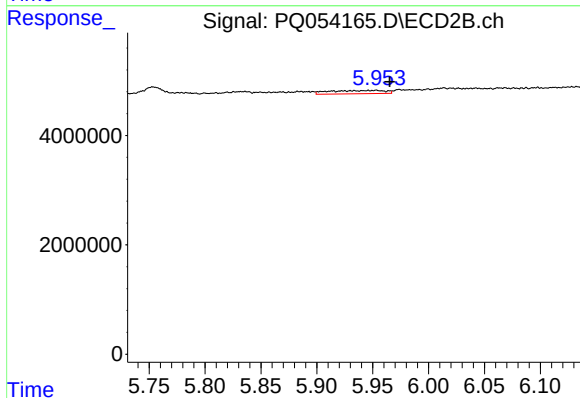
R.T.: 5.753 min
Delta R.T.: 0.019 min
Response: 3938569
Conc: 13.80 ng/ml



#7 AR-1016-5

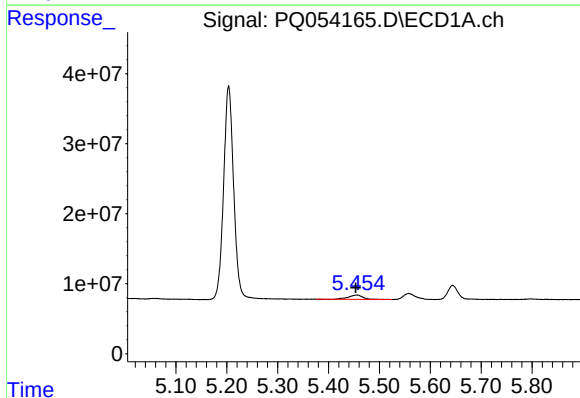
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



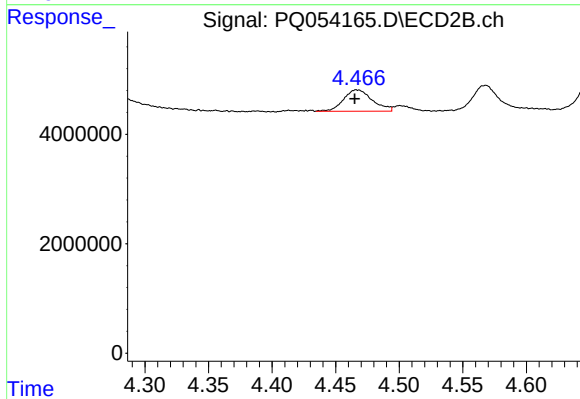
#7 AR-1016-5

R.T.: 5.953 min
Delta R.T.: -0.012 min
Response: 2094123
Conc: 5.75 ng/ml



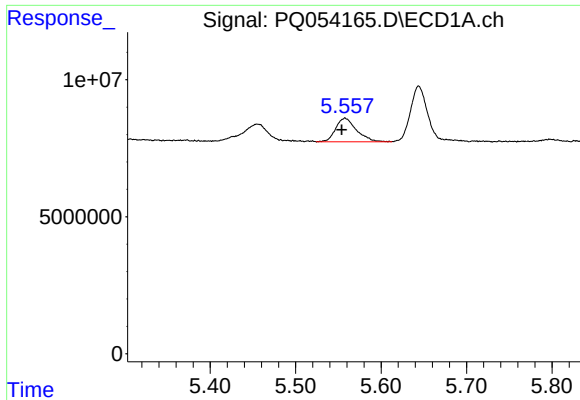
#8 AR-1221-1

R.T.: 5.455 min
Delta R.T.: 0.002 min
Response: 12937861
Conc: 53.47 ng/ml



#8 AR-1221-1

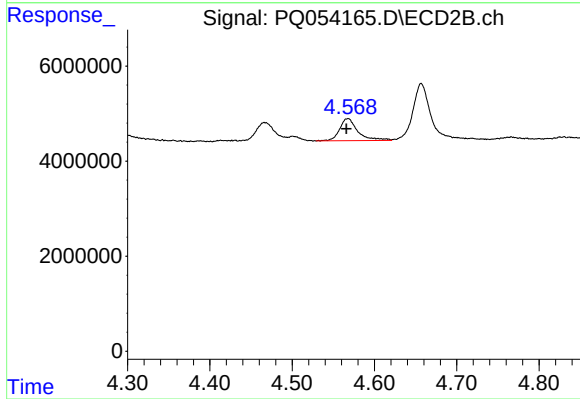
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 6176690
Conc: 43.35 ng/ml



#9 AR-1221-2

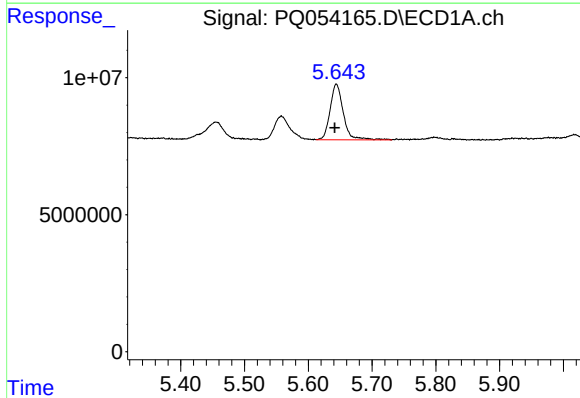
R.T.: 5.558 min
Delta R.T.: 0.004 min
Response: 14663170
Conc: 80.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



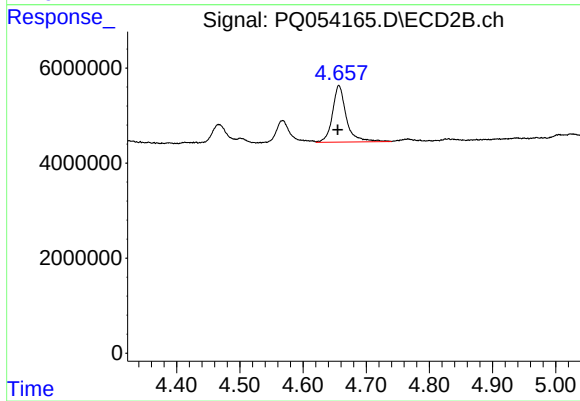
#9 AR-1221-2

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 7129963
Conc: 67.59 ng/ml



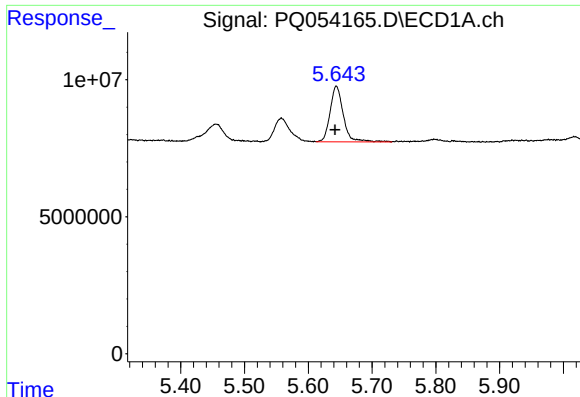
#10 AR-1221-3

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 29225637
Conc: 51.08 ng/ml



#10 AR-1221-3

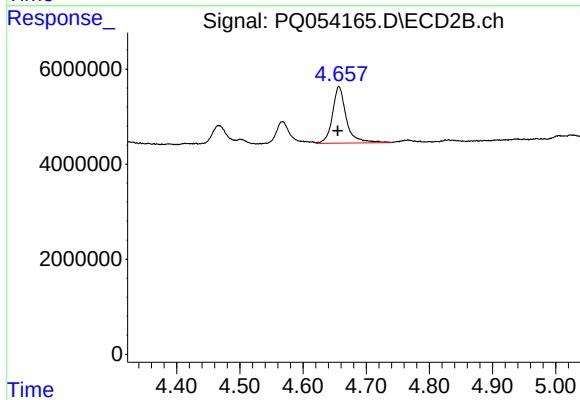
R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 18098848
Conc: 51.58 ng/ml



#11 AR-1232-1

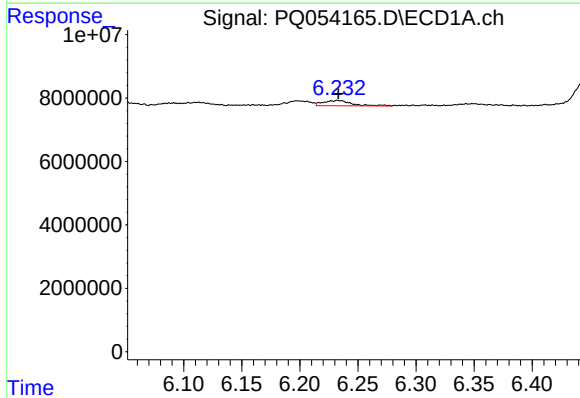
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 29225637
Conc: 74.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



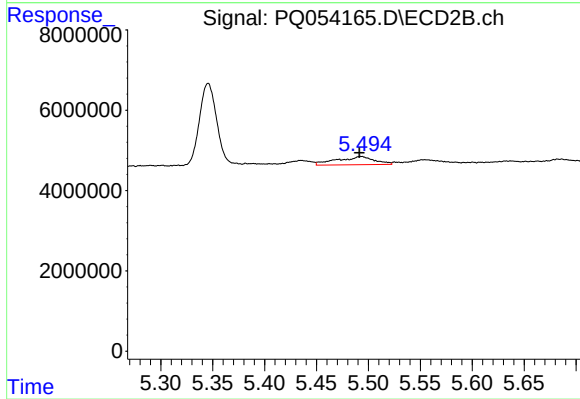
#11 AR-1232-1

R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 18098848
Conc: 77.54 ng/ml



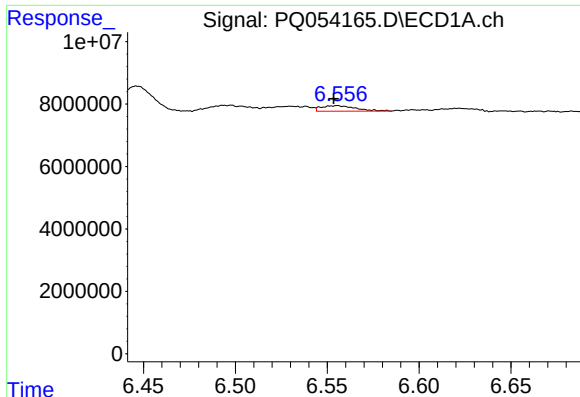
#12 AR-1232-2

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 2791155
Conc: 12.02 ng/ml



#12 AR-1232-2

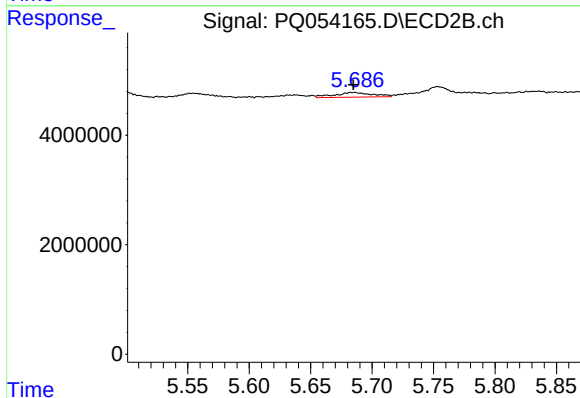
R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 5067352
Conc: 17.50 ng/ml



#13 AR-1232-3

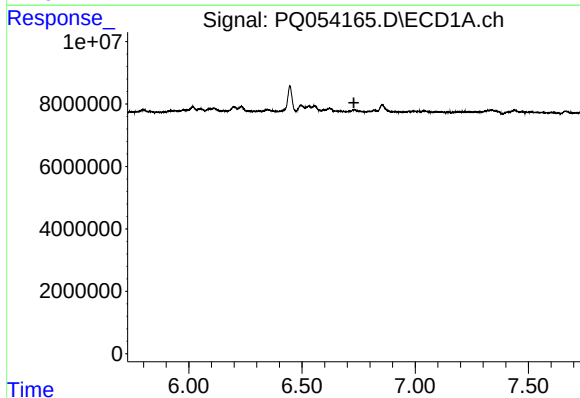
R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 2287873
Conc: 5.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



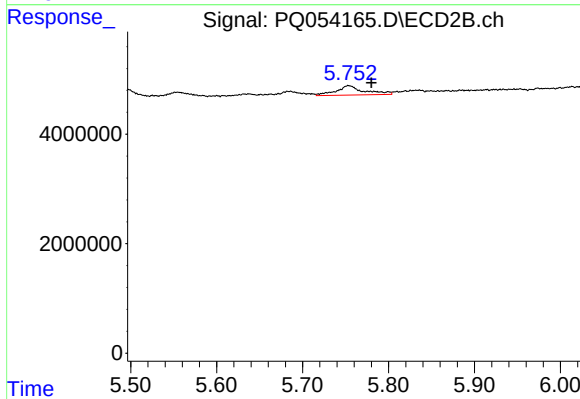
#13 AR-1232-3

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 1855280
Conc: 13.98 ng/ml



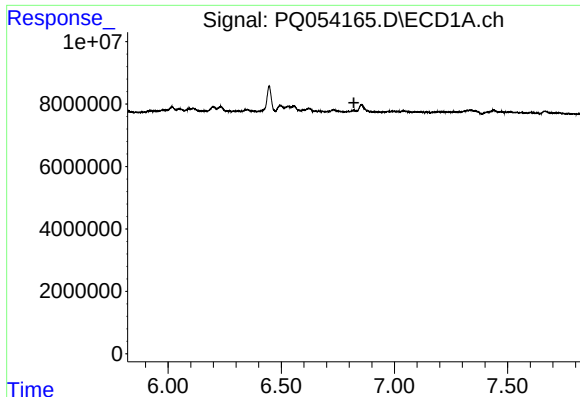
#14 AR-1232-4

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



#14 AR-1232-4

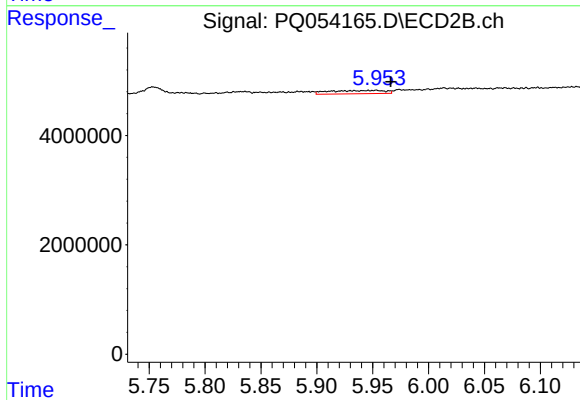
R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 3938569
Conc: 34.52 ng/ml



#15 AR-1232-5

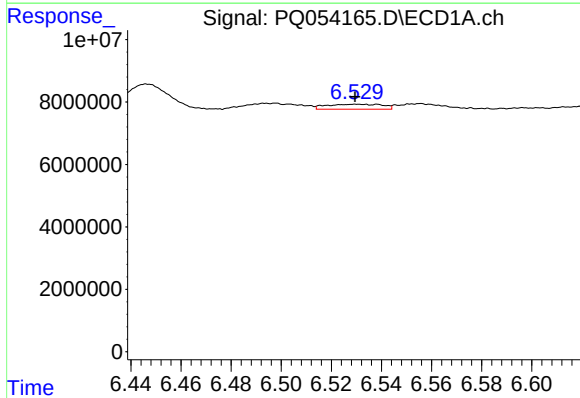
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



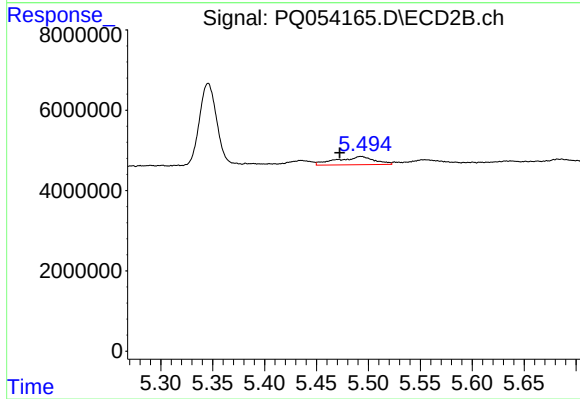
#15 AR-1232-5

R.T.: 5.953 min
Delta R.T.: -0.013 min
Response: 2094123
Conc: 16.30 ng/ml



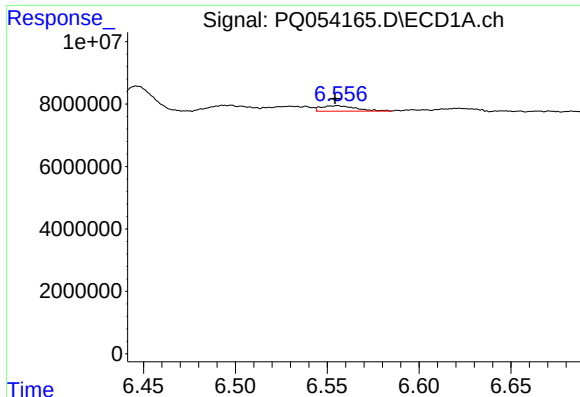
#16 AR-1242-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 2485032
Conc: 5.41 ng/ml



#16 AR-1242-1

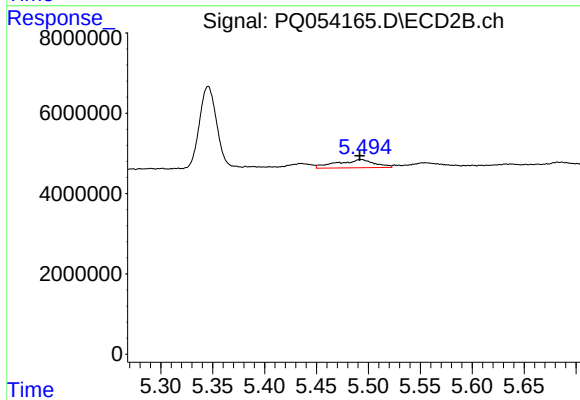
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 5067352
Conc: 18.64 ng/ml



#17 AR-1242-2

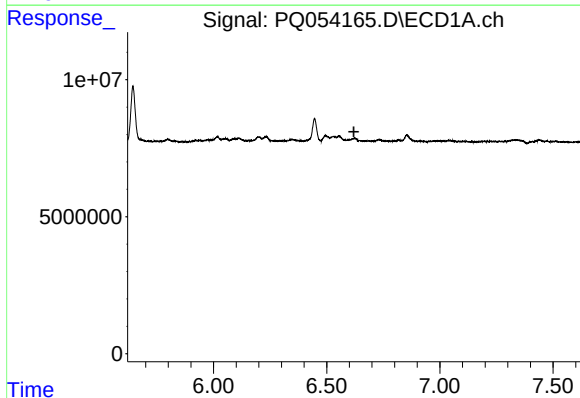
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 2287873
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



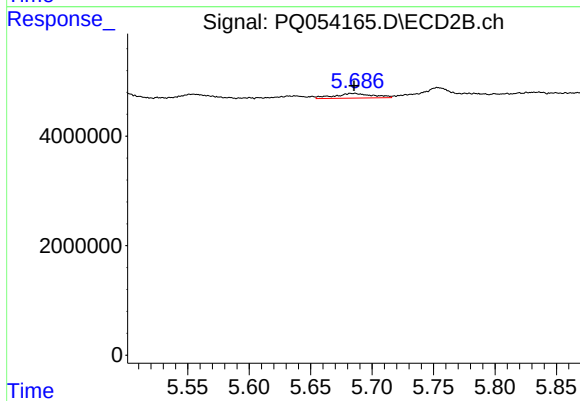
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.001 min
Response: 5067352
Conc: 10.77 ng/ml



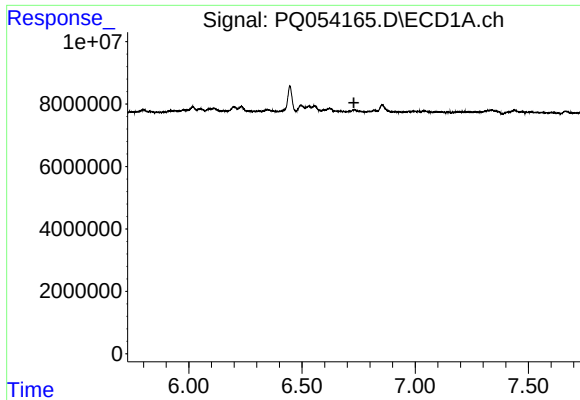
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

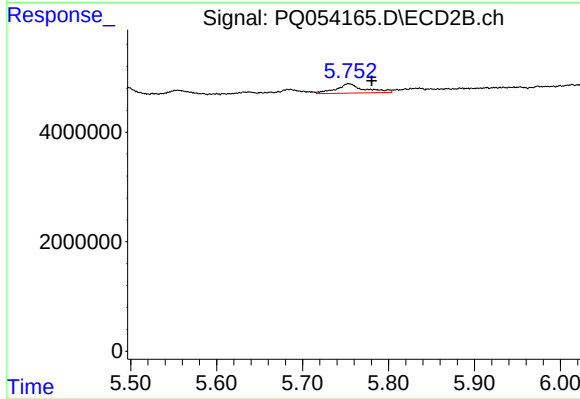
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 1855280
Conc: 8.41 ng/ml



#19 AR-1242-4

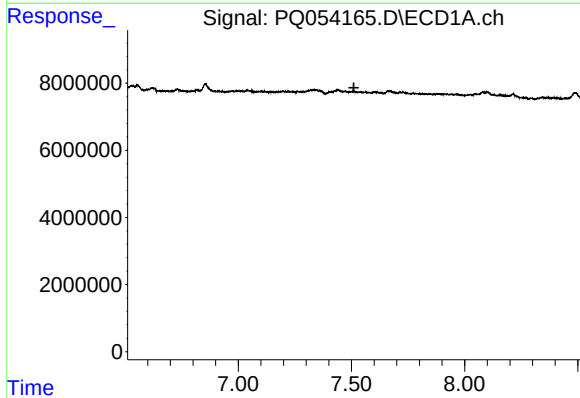
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



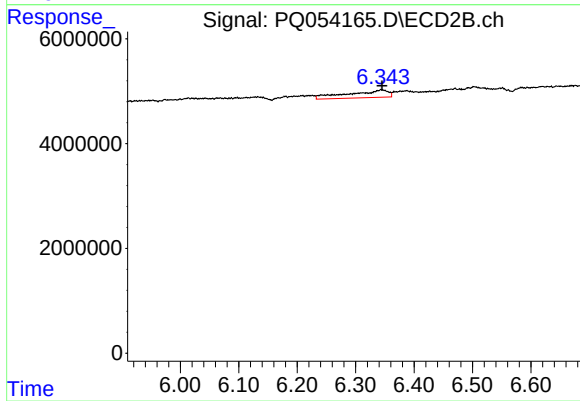
#19 AR-1242-4

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 3938569
Conc: 18.21 ng/ml



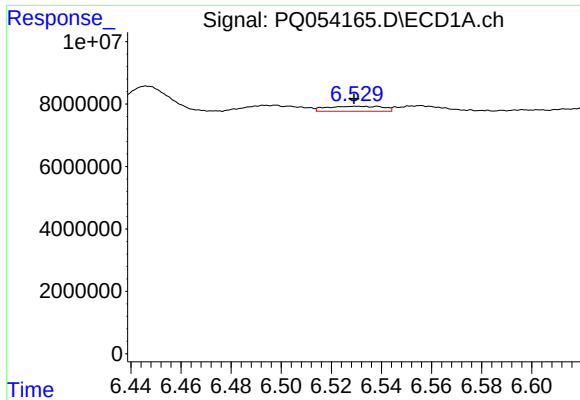
#20 AR-1242-5

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



#20 AR-1242-5

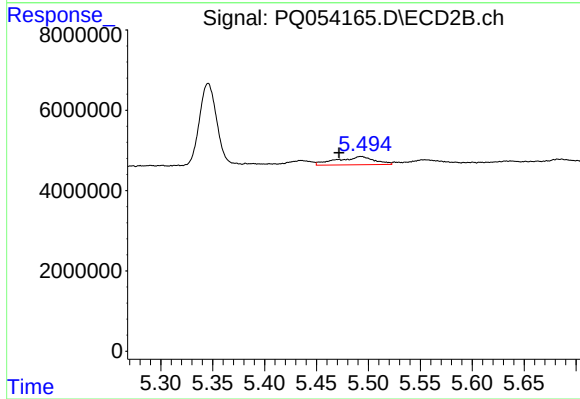
R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 6791111
Conc: 22.89 ng/ml



#21 AR-1248-1

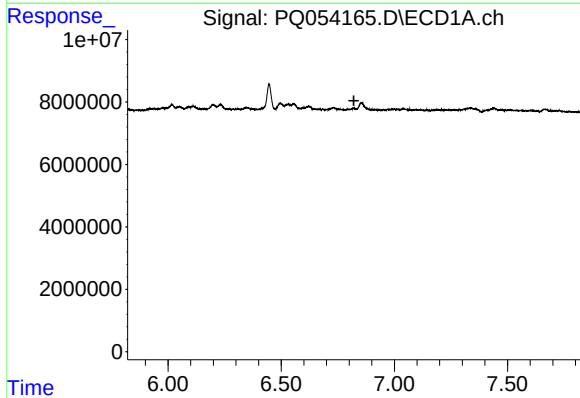
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 2485032
Conc: 6.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



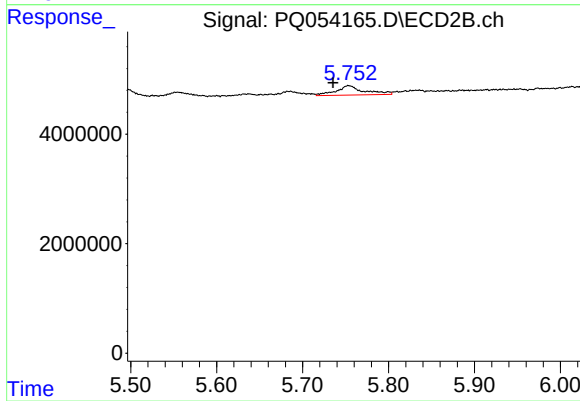
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 5067352
Conc: 22.46 ng/ml



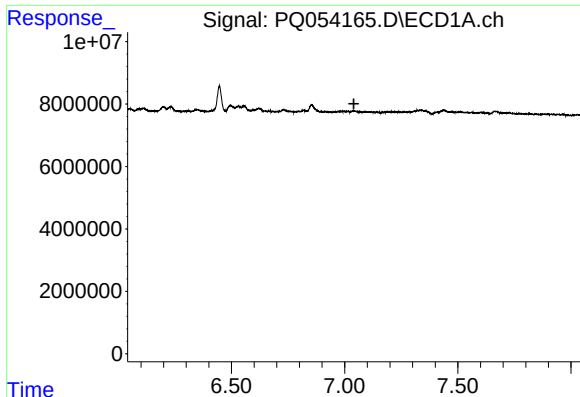
#22 AR-1248-2

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



#22 AR-1248-2

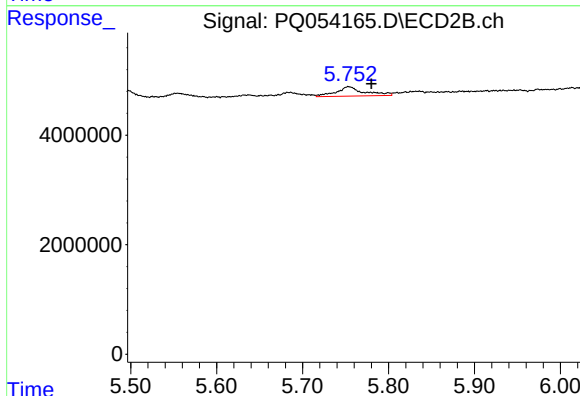
R.T.: 5.753 min
Delta R.T.: 0.018 min
Response: 3938569
Conc: 12.00 ng/ml



#23 AR-1248-3

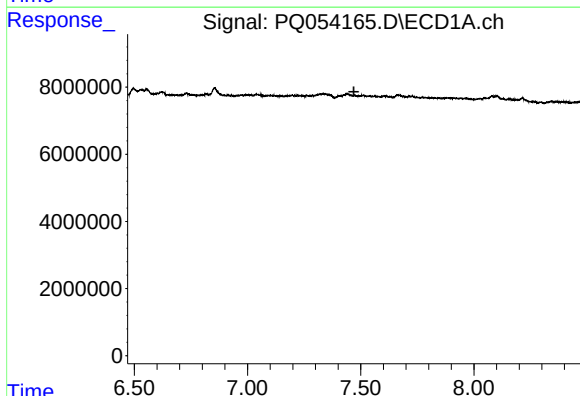
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



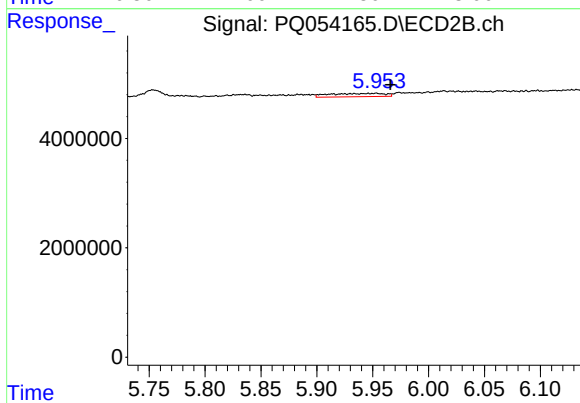
#23 AR-1248-3

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 3938569
Conc: 11.91 ng/ml



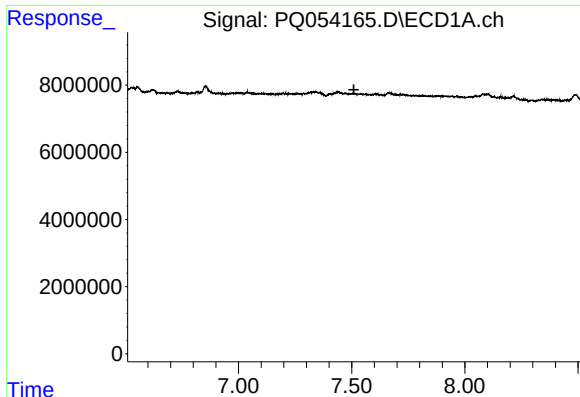
#24 AR-1248-4

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



#24 AR-1248-4

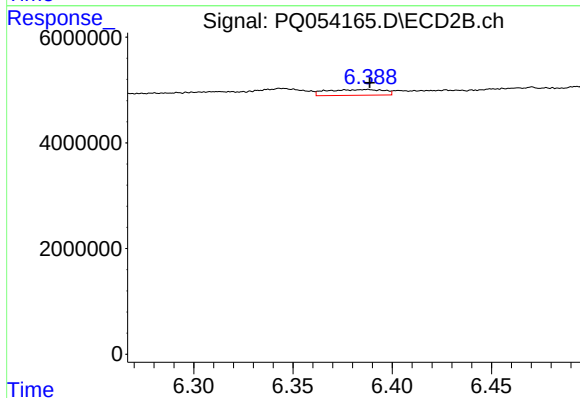
R.T.: 5.953 min
Delta R.T.: -0.013 min
Response: 2094123
Conc: 5.28 ng/ml



#25 AR-1248-5

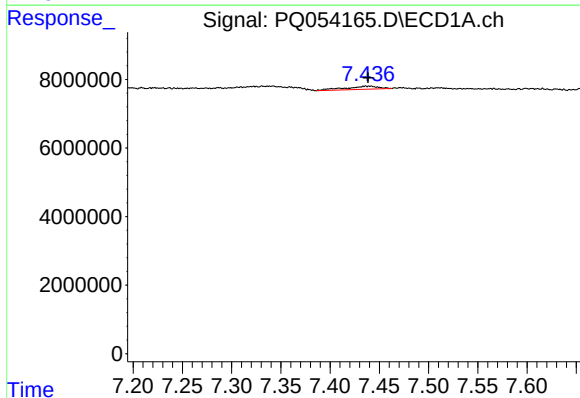
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



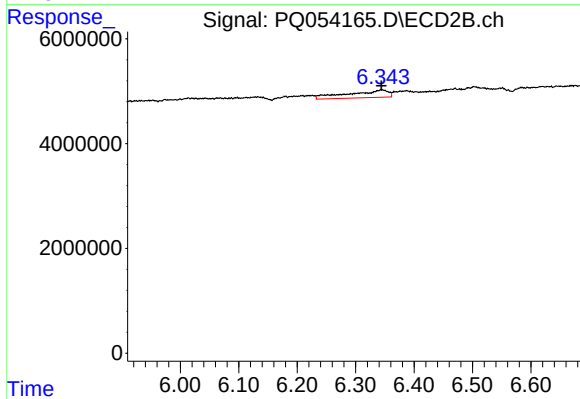
#25 AR-1248-5

R.T.: 6.387 min
Delta R.T.: -0.001 min
Response: 2172461
Conc: 5.45 ng/ml



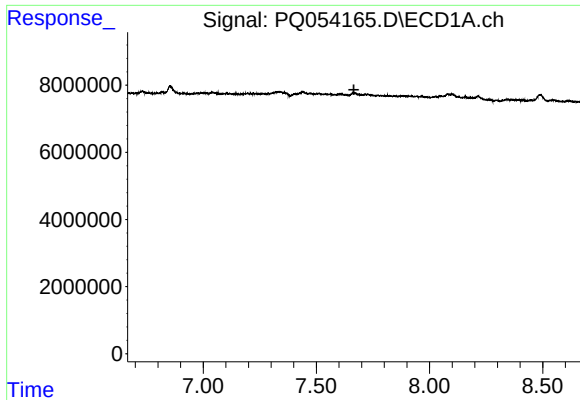
#26 AR-1254-1

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 2091553
Conc: 2.96 ng/ml



#26 AR-1254-1

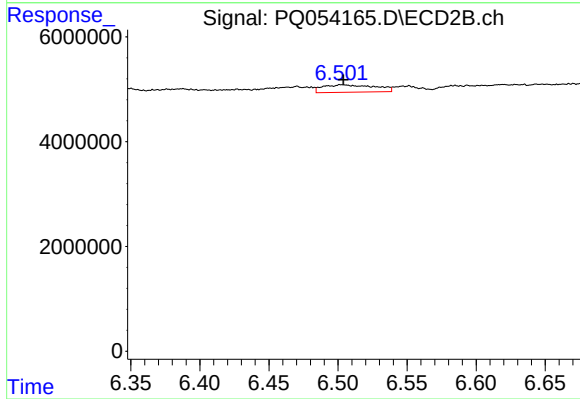
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 6791111
Conc: 10.16 ng/ml



#27 AR-1254-2

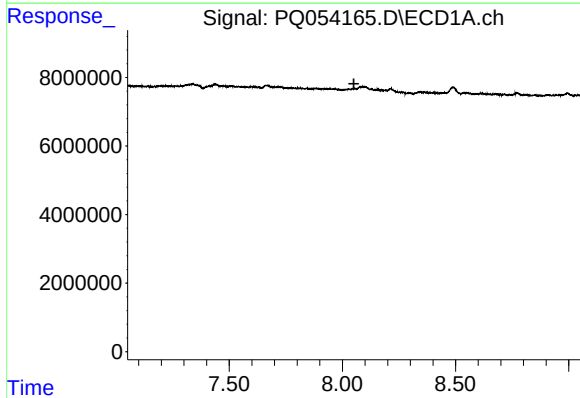
R.T.: 0.000 min
Exp R.T.: 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



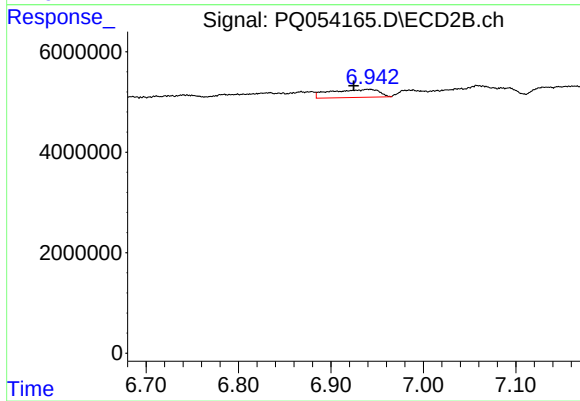
#27 AR-1254-2

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 3730020
Conc: 6.07 ng/ml



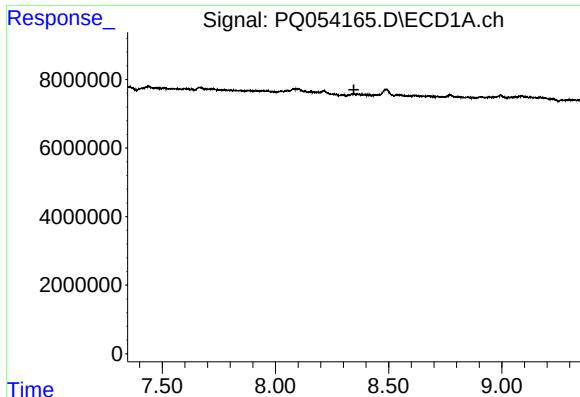
#28 AR-1254-3

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



#28 AR-1254-3

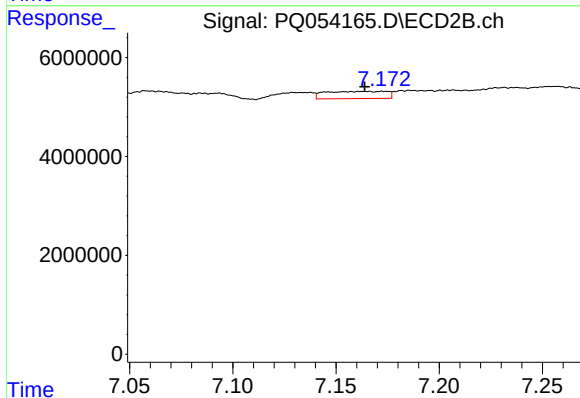
R.T.: 6.942 min
Delta R.T.: 0.017 min
Response: 5899654
Conc: 6.11 ng/ml



#29 AR-1254-4

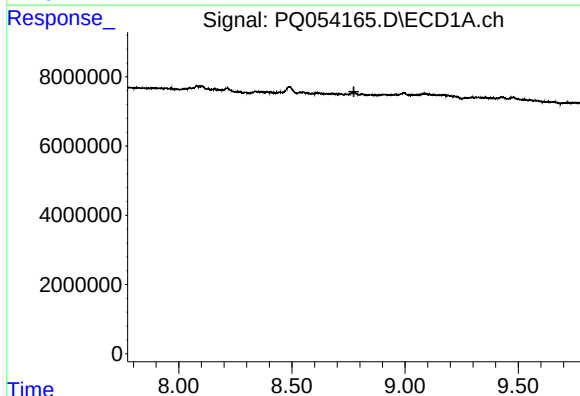
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



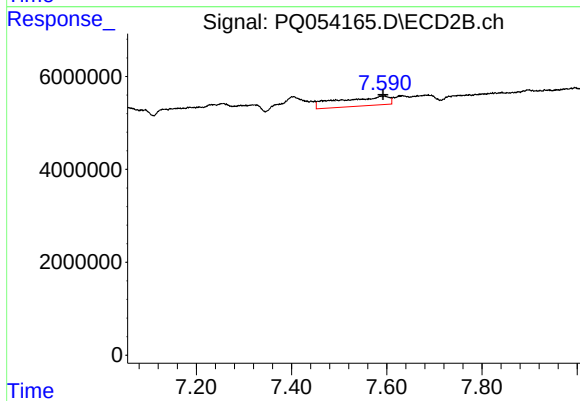
#29 AR-1254-4

R.T.: 7.173 min
Delta R.T.: 0.009 min
Response: 3050485
Conc: 4.58 ng/ml



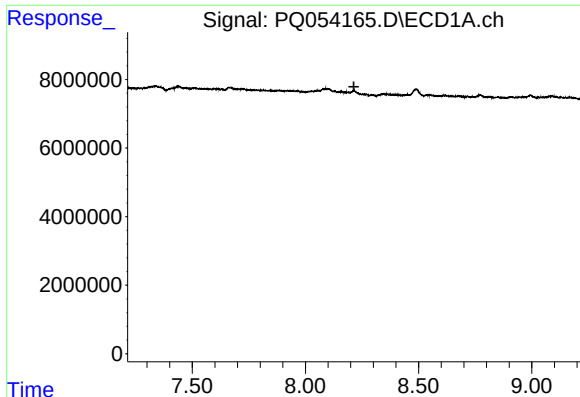
#30 AR-1254-5

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



#30 AR-1254-5

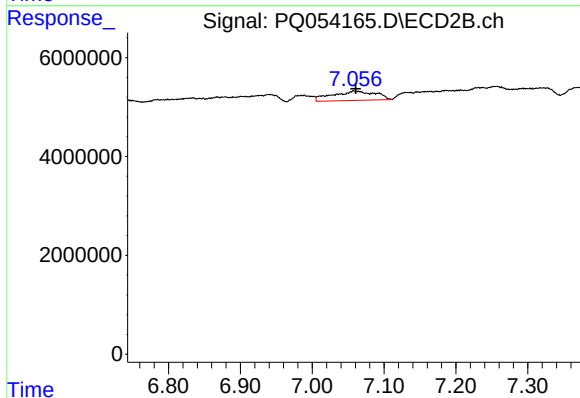
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 14704990
Conc: 15.08 ng/ml



#31 AR-1260-1

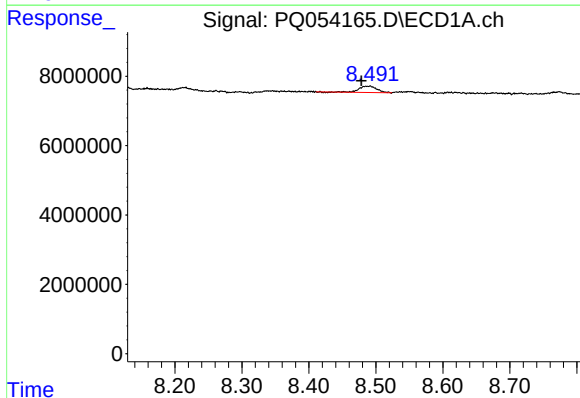
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



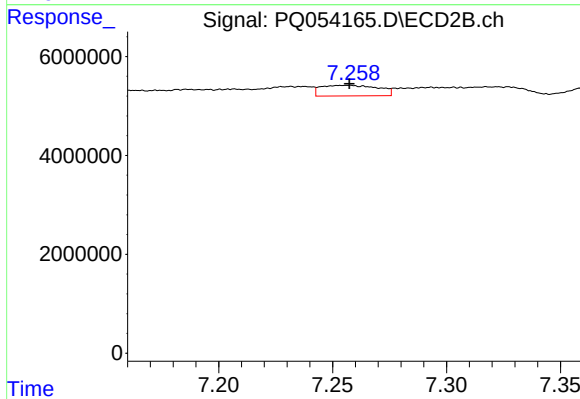
#31 AR-1260-1

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 7821518
Conc: 10.43 ng/ml



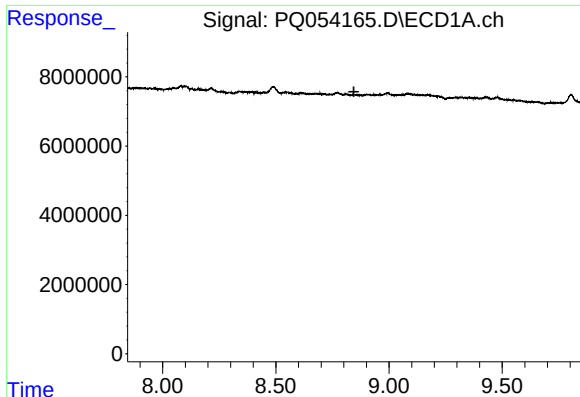
#32 AR-1260-2

R.T.: 8.488 min
Delta R.T.: 0.010 min
Response: 3480910
Conc: 3.07 ng/ml



#32 AR-1260-2

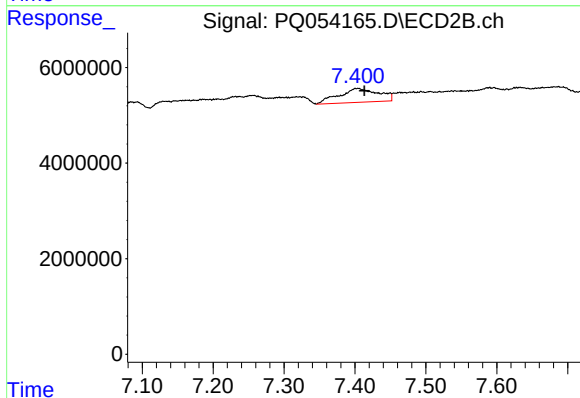
R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 3758692
Conc: 3.60 ng/ml



#33 AR-1260-3

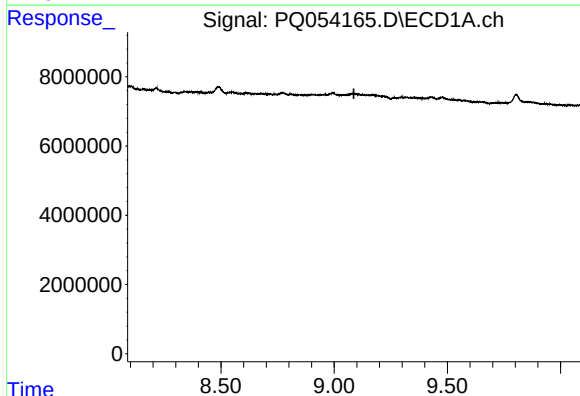
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



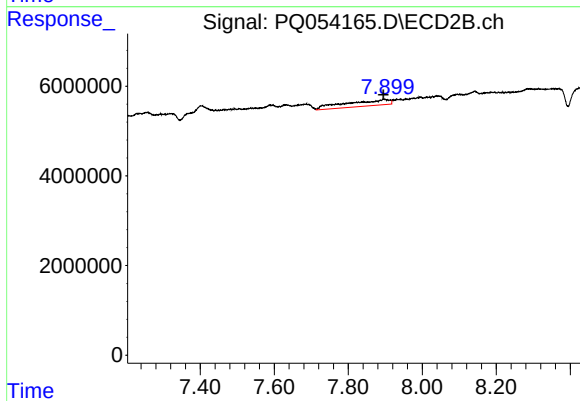
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.010 min
Response: 11309715
Conc: 13.00 ng/ml



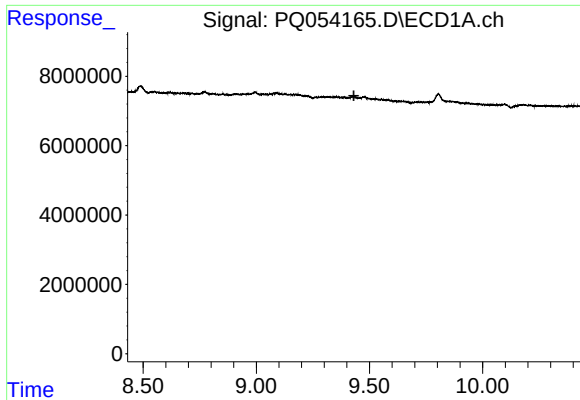
#34 AR-1260-4

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



#34 AR-1260-4

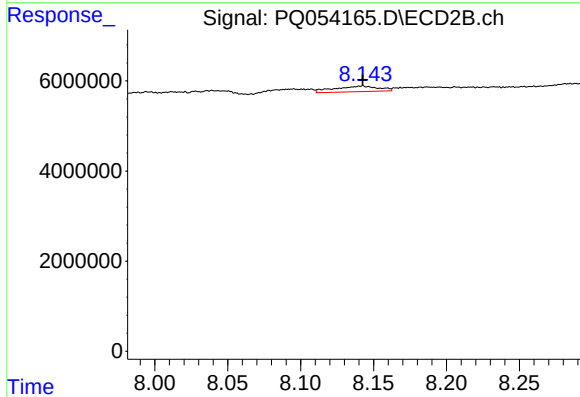
R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 10824306
Conc: 17.38 ng/ml



#35 AR-1260-5

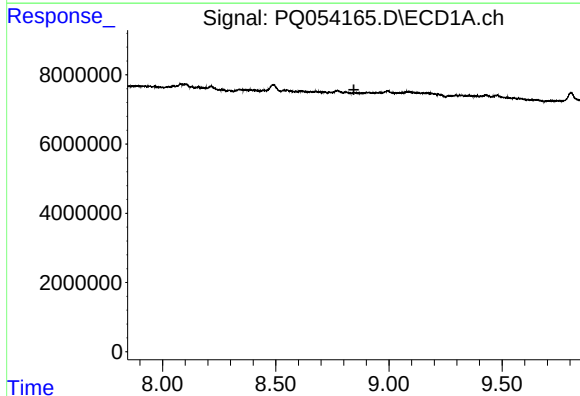
R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



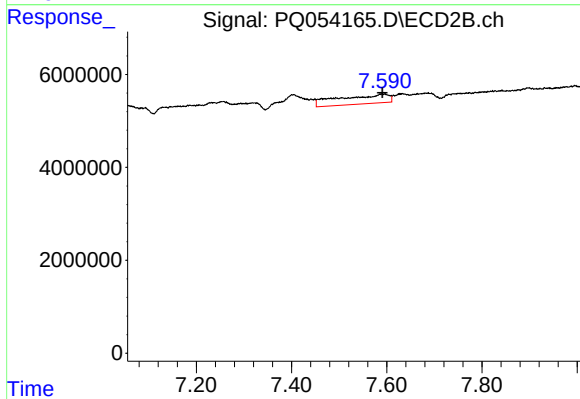
#35 AR-1260-5

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 2636317
Conc: 1.54 ng/ml



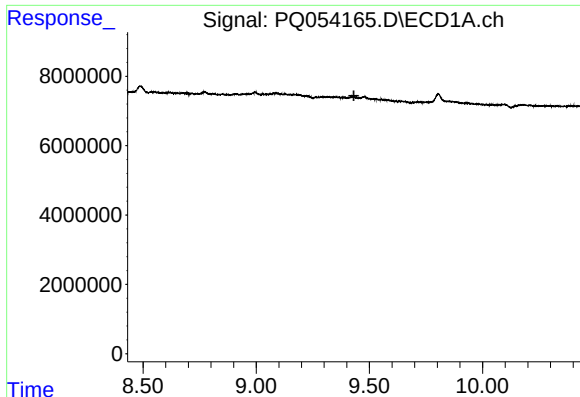
#36 AR-1262-1

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



#36 AR-1262-1

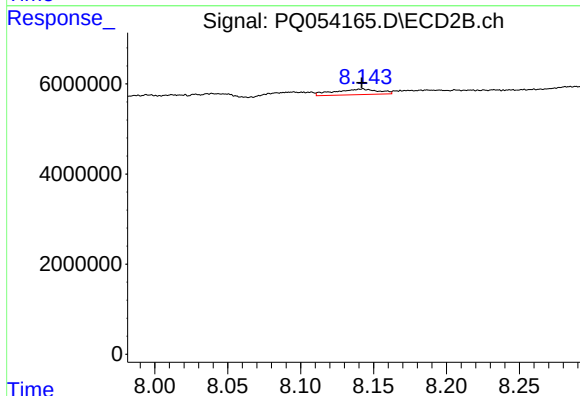
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 14704990
Conc: 32.54 ng/ml



#37 AR-1262-2

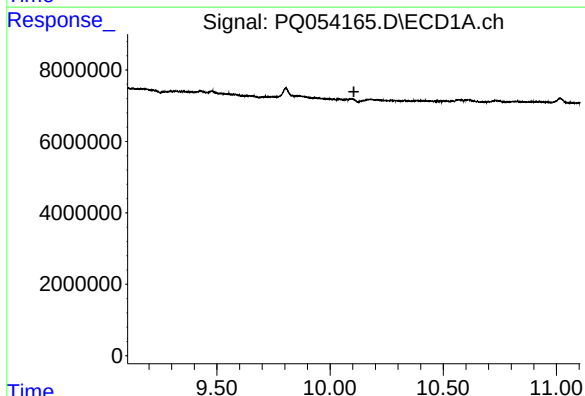
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



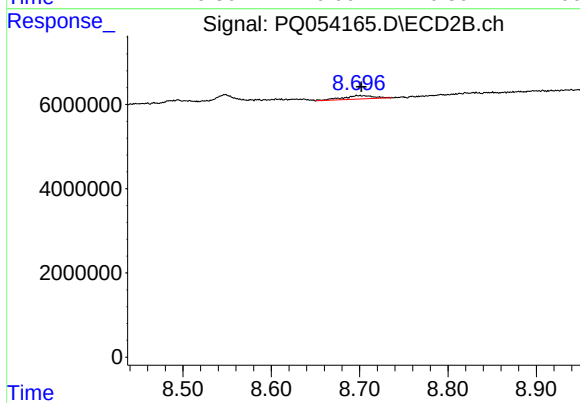
#37 AR-1262-2

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 2636317
Conc: 1.40 ng/ml



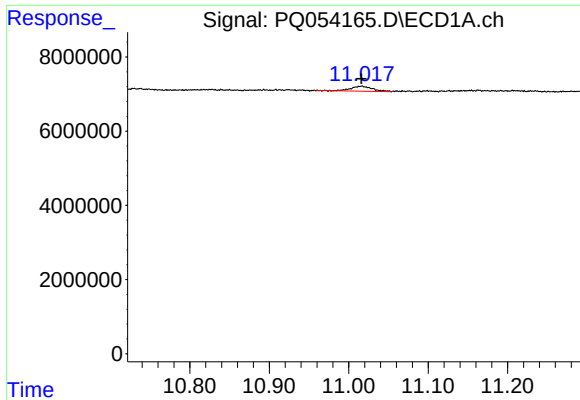
#43 AR-1268-3

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



#43 AR-1268-3

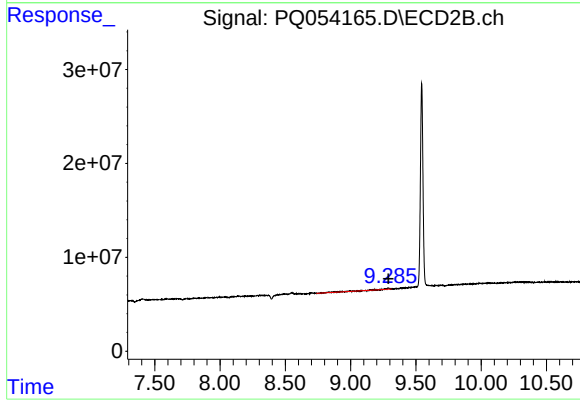
R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 1982032
Conc: 1.19 ng/ml



#45 AR-1268-5

R.T.: 11.016 min
Delta R.T.: 0.000 min
Response: 2536477
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 5595303
Conc: 1.19 ng/ml