

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
 Data File : PR037347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2019 13:28
 Operator : SM\SJ
 Sample : K2241-08
 Misc : AR1221 LOQ 100PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 00:55:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Apr 22 17:27:39 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...	4.362	3.412	20899201	84835788	16.706	17.691
2)	SA Decachlor...	9.984	8.243	25050141	124.7E6	18.940	21.415
Target Compounds							
3)	L1 AR-1016-1	5.543	4.452	653976	1143033	15.177	6.278 #
4)	L1 AR-1016-2	5.543	4.469	653976	1938487	9.444	6.871 #
5)	L1 AR-1016-3	5.543	4.639	653976	805208	16.216	5.600 #
6)	L1 AR-1016-4	0.000	4.684	0	429327	N.D.	3.881 #
7)	L1 AR-1016-5	0.000	4.882	0	773975	N.D.	5.092 #
8)	L2 AR-1221-1	4.569	3.616	1254361	4455638	100.323	87.505
9)	L2 AR-1221-2	4.658	3.699	1236608	3966433	136.733	106.809
10)	L2 AR-1221-3	4.733	3.771	3070915	11259012	100.196	91.949
11)	L3 AR-1232-1	4.733	3.771	3070915	11259012	104.985	96.238
12)	L3 AR-1232-2	5.211	4.469	456544	1938487	27.018	14.024 #
13)	L3 AR-1232-3	5.543	4.639	653976	805208	19.346	11.470 #
14)	L3 AR-1232-4	0.000	4.723	0	529833	N.D.	8.879 #
15)	L3 AR-1232-5	0.000	4.882	0	773975	N.D.	11.341 #
16)	L4 AR-1242-1	5.543	4.452	653976	1143033	19.114	7.800 #
17)	L4 AR-1242-2	5.543	4.469	653976	1938487	11.790	8.496 #
18)	L4 AR-1242-3	5.543	4.639	653976	805208	19.869	6.964 #
19)	L4 AR-1242-4	0.000	4.723	0	529833	N.D.	4.821 #
20)	L4 AR-1242-5	0.000	5.231	0	2342348	N.D.	14.136 #
21)	L5 AR-1248-1	5.543	4.452	653976	1143033	28.549	11.355 #
22)	L5 AR-1248-2	0.000	4.684	0	429327	N.D.	3.146 #
23)	L5 AR-1248-3	0.000	4.723	0	529833	N.D.	3.785 #
24)	L5 AR-1248-4	0.000	4.882	0	773975	N.D.	4.349 #
25)	L5 AR-1248-5	0.000	5.262	0	2832873	N.D.	14.482 #
26)	L6 AR-1254-1	0.000	5.231	0	2342348	N.D.	6.800 #
27)	L6 AR-1254-2	0.000	5.330	0	2694403	N.D.	8.996 #
28)	L6 AR-1254-3	0.000	5.775	0	2875064	N.D.	6.070 #
30)	L6 AR-1254-5	0.000	6.395	0	129351	N.D.	0.292 #
32)	L7 AR-1260-2	0.000	6.064	0	2000330	N.D.	4.343 #
33)	L7 AR-1260-3	0.000	6.264	0	184812	N.D.	0.518 #
34)	L7 AR-1260-4	0.000	6.723	0	1167155	N.D.	3.830 #
35)	L7 AR-1260-5	0.000	6.948	0	39100	N.D.	0.045 #
37)	L8 AR-1262-2	0.000	6.948	0	39100	N.D.	0.031 #
38)	L8 AR-1262-3	0.000	7.205	0	4804290	N.D.	8.763 #
39)	L8 AR-1262-4	0.000	7.271	0	6229501	N.D.	6.940 #
40)	L8 AR-1262-5	0.000	7.768	0	244559	N.D.	0.639 #
41)	L9 AR-1268-1	0.000	7.205	0	4804290	N.D.	3.903 #
42)	L9 AR-1268-2	0.000	7.271	0	6229501	N.D.	5.883 #
43)	L9 AR-1268-3	0.000	7.464	0	4573501	N.D.	5.161 #
44)	L9 AR-1268-4	0.000	7.768	0	244559	N.D.	0.674 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 00:55:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Apr 22 17:27:39 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
45) L9	AR-1268-5	0.000	8.022	0	4365399	N.D.	1.716 #

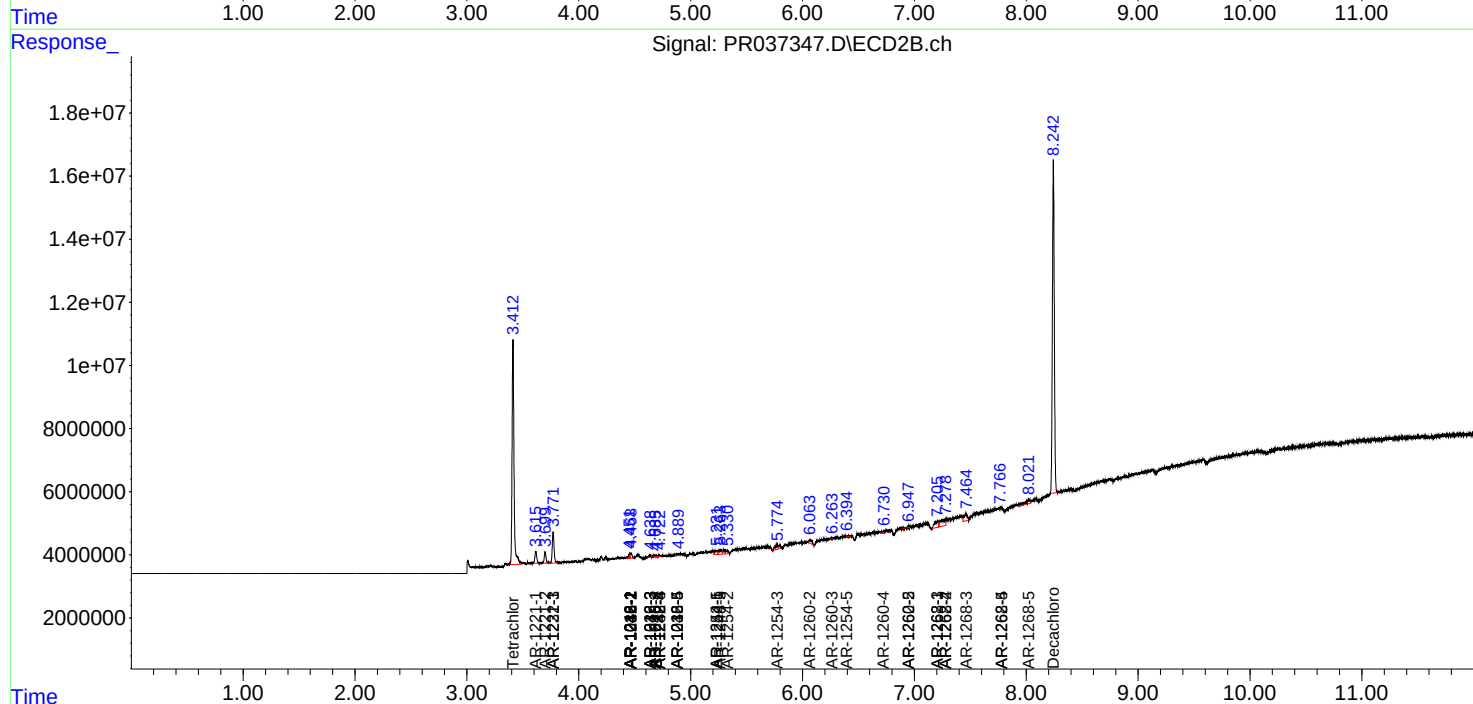
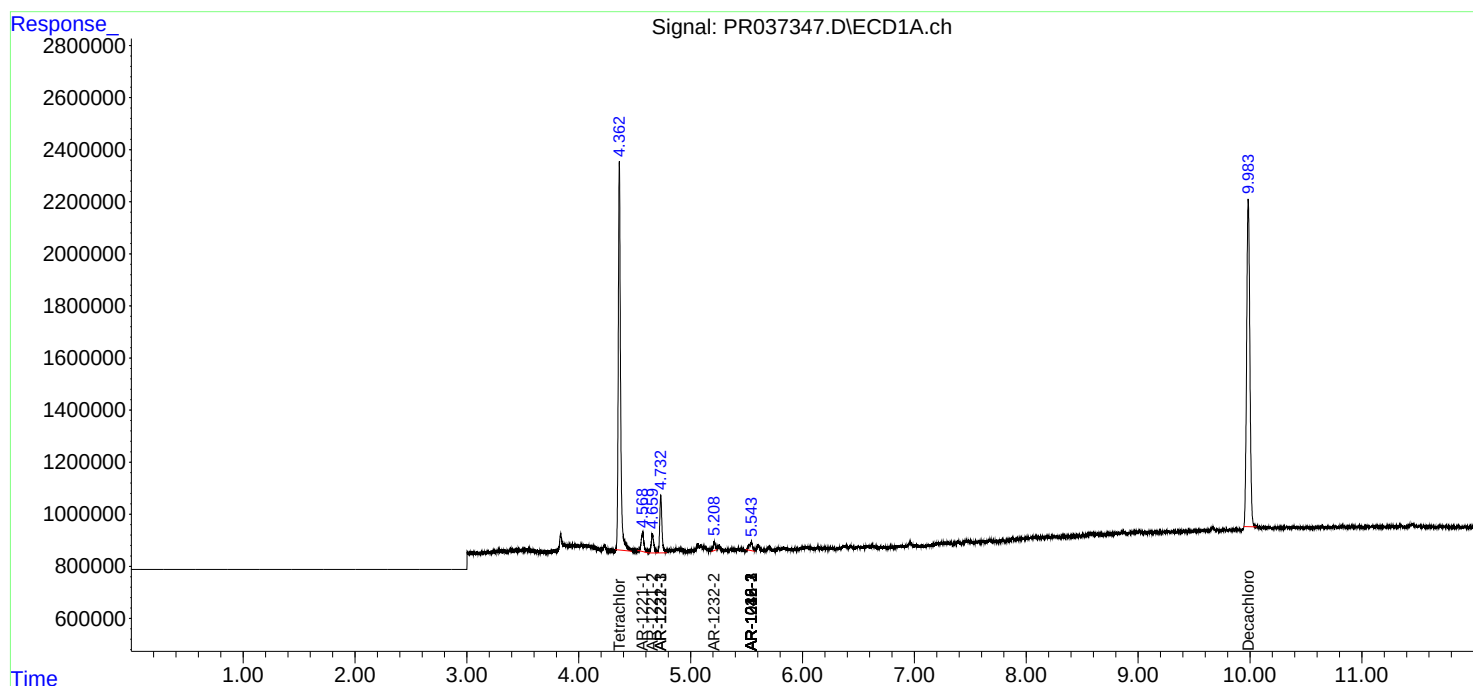
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

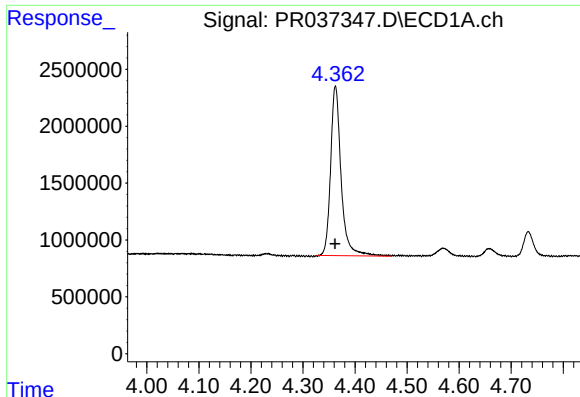
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
Data File : PR037347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2019 13:28
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

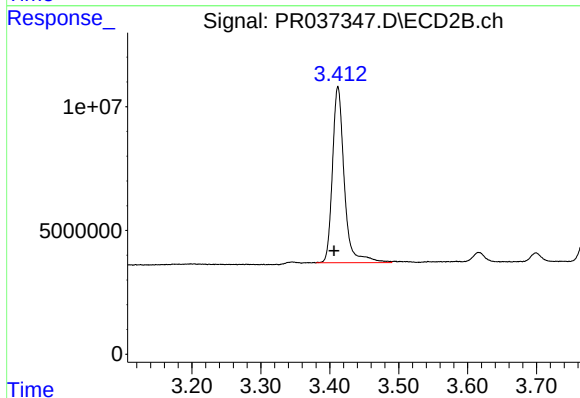




#1 Tetrachloro-m-xylene

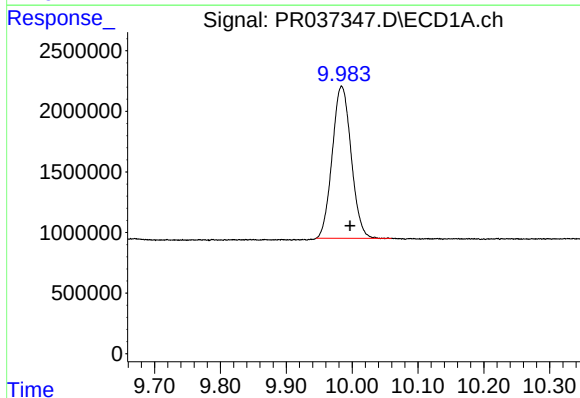
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 20899201
Conc: 16.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



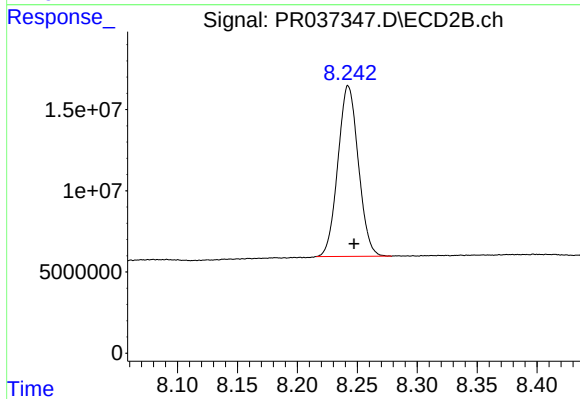
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.005 min
Response: 84835788
Conc: 17.69 ng/ml



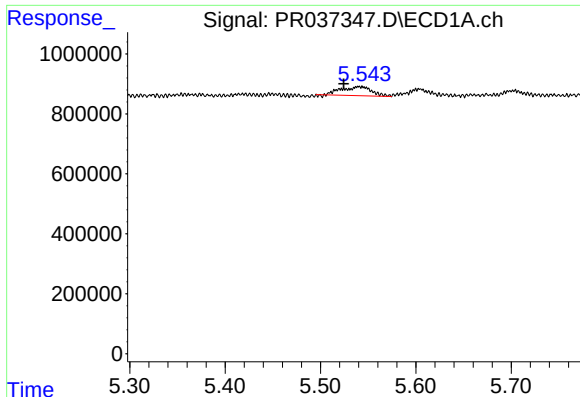
#2 Decachlorobiphenyl

R.T.: 9.984 min
Delta R.T.: -0.013 min
Response: 25050141
Conc: 18.94 ng/ml



#2 Decachlorobiphenyl

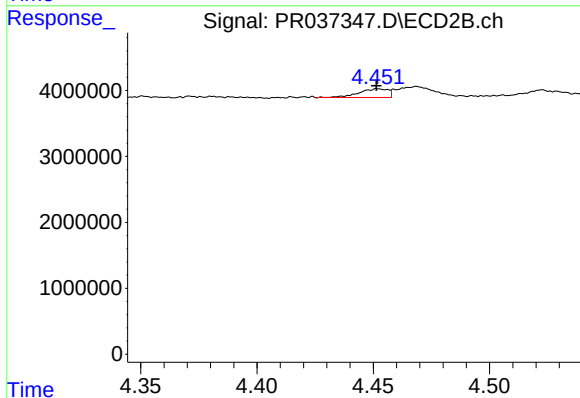
R.T.: 8.243 min
Delta R.T.: -0.005 min
Response: 124724871
Conc: 21.41 ng/ml



#3 AR-1016-1

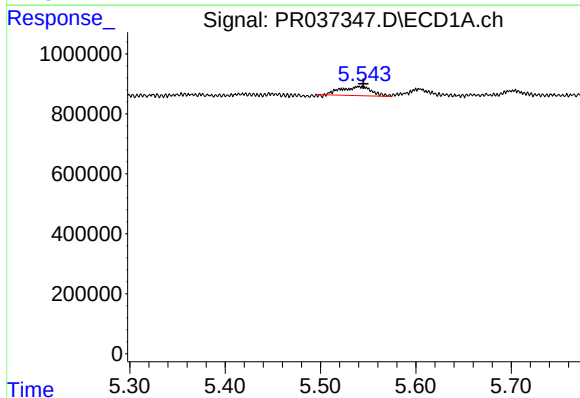
R.T.: 5.543 min
Delta R.T.: 0.019 min
Response: 653976
Conc: 15.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



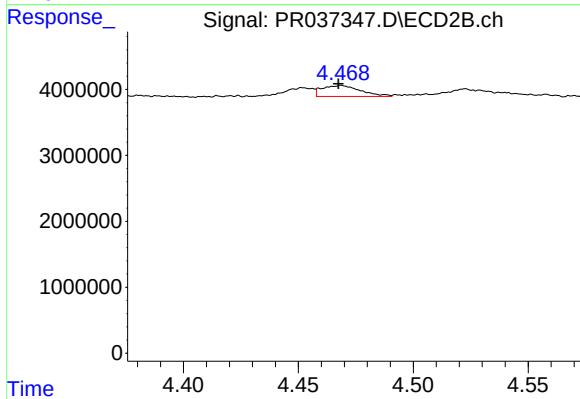
#3 AR-1016-1

R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 1143033
Conc: 6.28 ng/ml



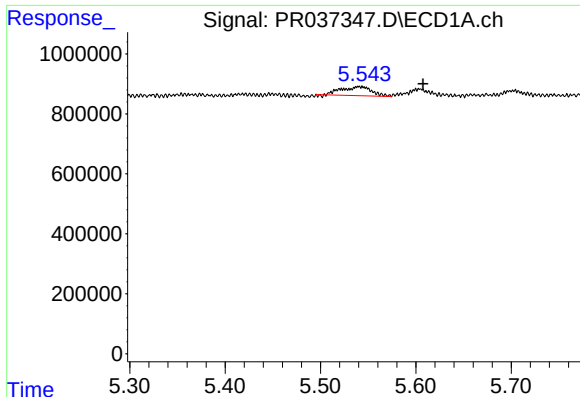
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 653976
Conc: 9.44 ng/ml



#4 AR-1016-2

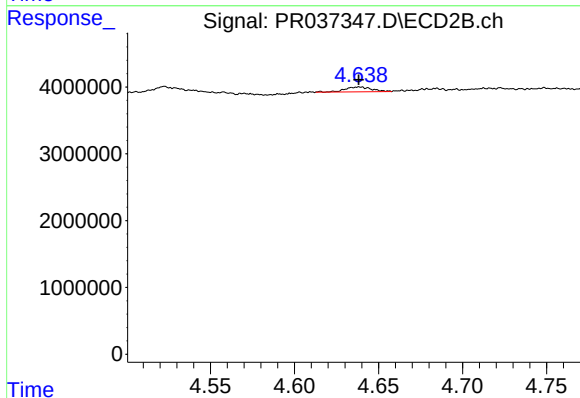
R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 1938487
Conc: 6.87 ng/ml



#5 AR-1016-3

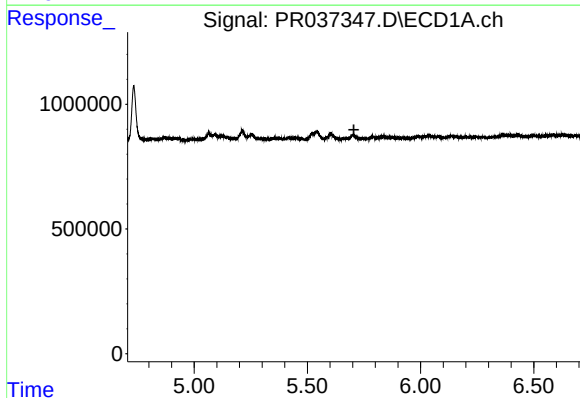
R.T.: 5.543 min
Delta R.T.: -0.064 min
Response: 653976
Conc: 16.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



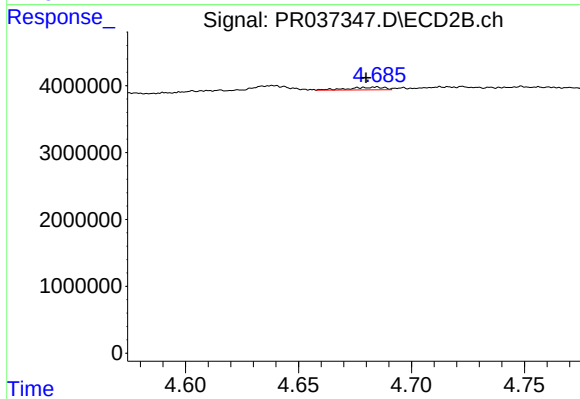
#5 AR-1016-3

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 805208
Conc: 5.60 ng/ml



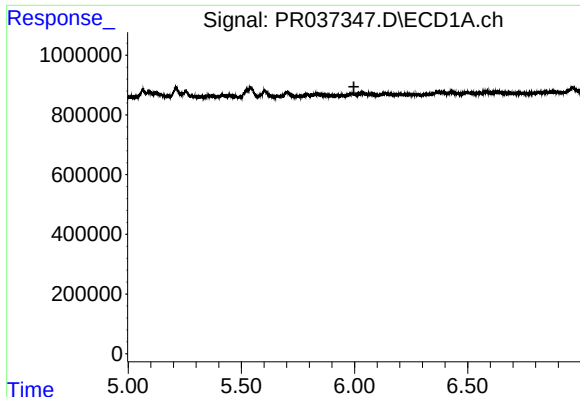
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.705 min
Response: 0
Conc: N.D.



#6 AR-1016-4

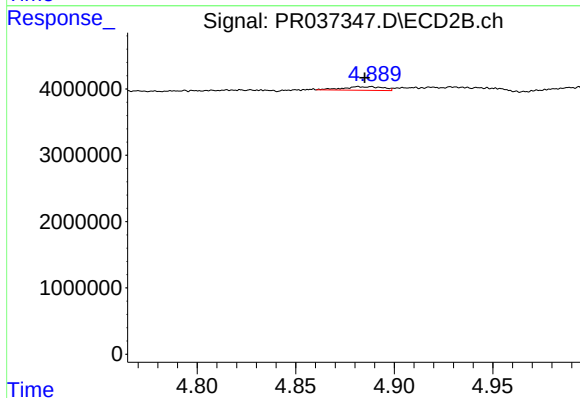
R.T.: 4.684 min
Delta R.T.: 0.005 min
Response: 429327
Conc: 3.88 ng/ml



#7 AR-1016-5

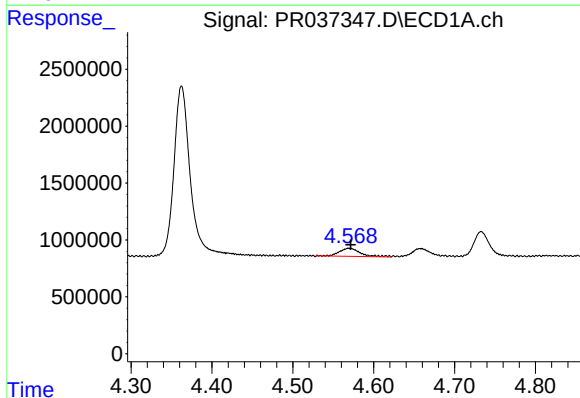
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



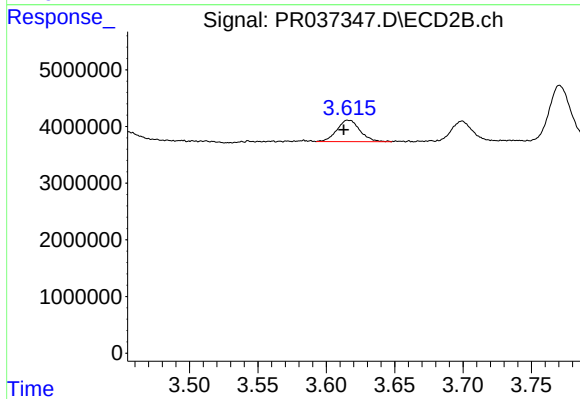
#7 AR-1016-5

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 773975
Conc: 5.09 ng/ml



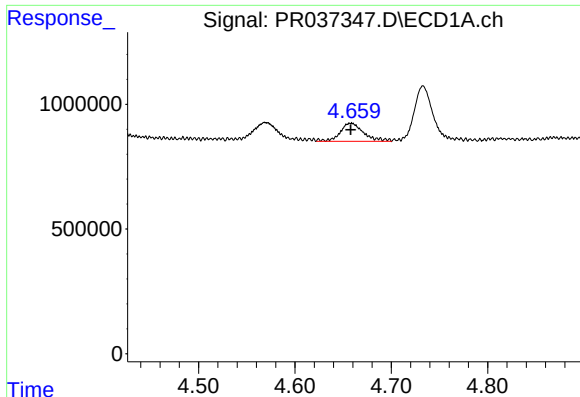
#8 AR-1221-1

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 1254361
Conc: 100.32 ng/ml



#8 AR-1221-1

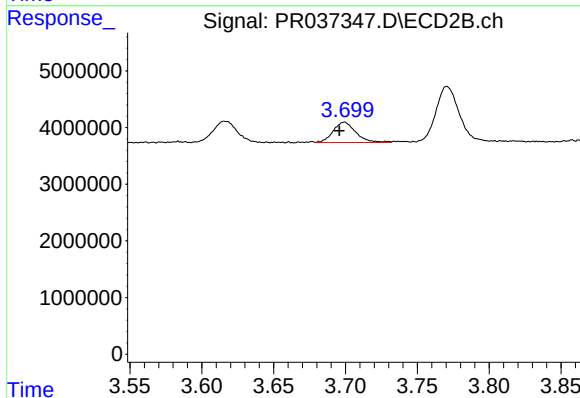
R.T.: 3.616 min
Delta R.T.: 0.003 min
Response: 4455638
Conc: 87.51 ng/ml



#9 AR-1221-2

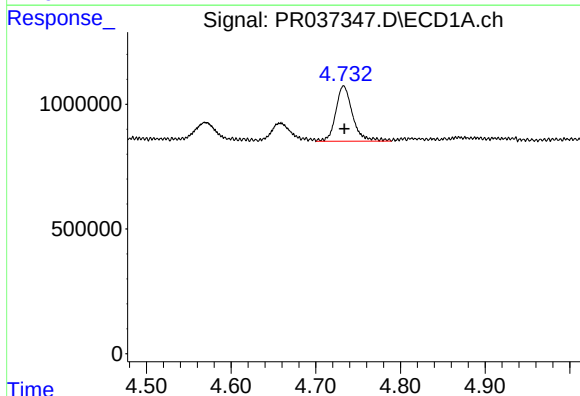
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 1236608
Conc: 136.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



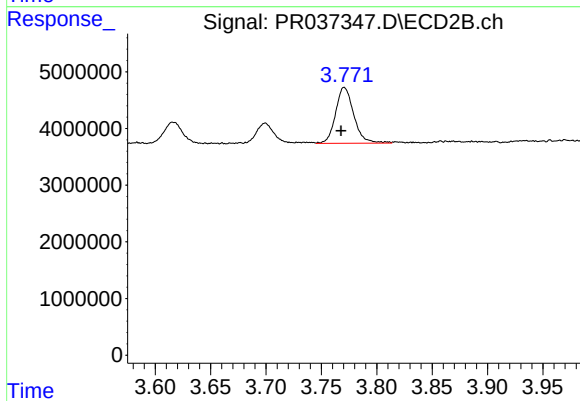
#9 AR-1221-2

R.T.: 3.699 min
Delta R.T.: 0.004 min
Response: 3966433
Conc: 106.81 ng/ml



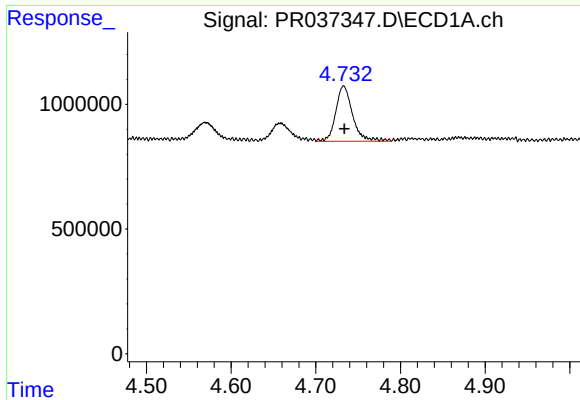
#10 AR-1221-3

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 3070915
Conc: 100.20 ng/ml



#10 AR-1221-3

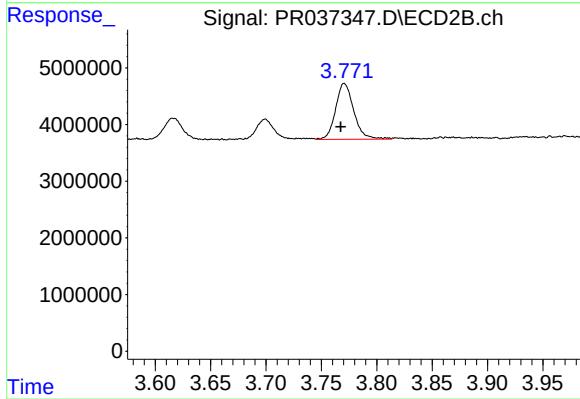
R.T.: 3.771 min
Delta R.T.: 0.003 min
Response: 11259012
Conc: 91.95 ng/ml



#11 AR-1232-1

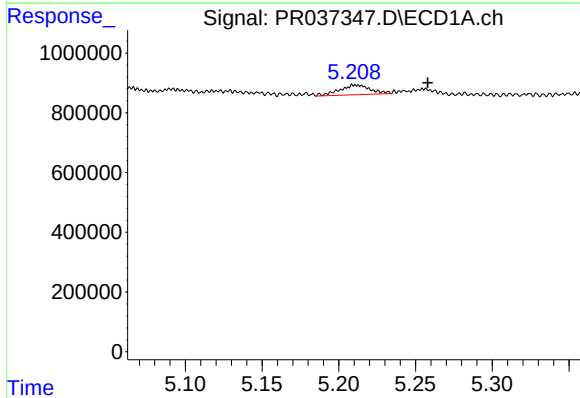
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 3070915
Conc: 104.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



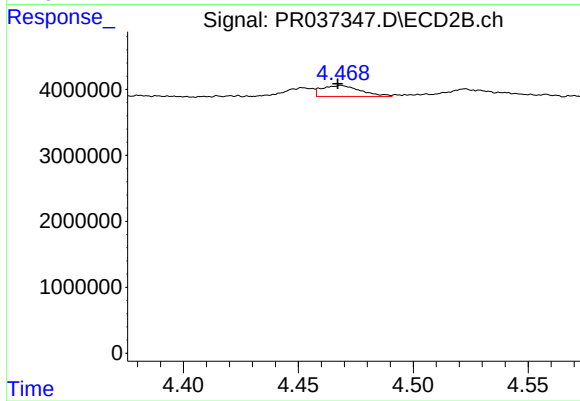
#11 AR-1232-1

R.T.: 3.771 min
Delta R.T.: 0.003 min
Response: 11259012
Conc: 96.24 ng/ml



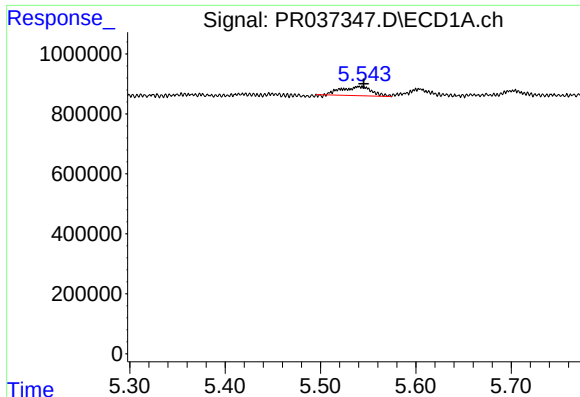
#12 AR-1232-2

R.T.: 5.211 min
Delta R.T.: -0.048 min
Response: 456544
Conc: 27.02 ng/ml



#12 AR-1232-2

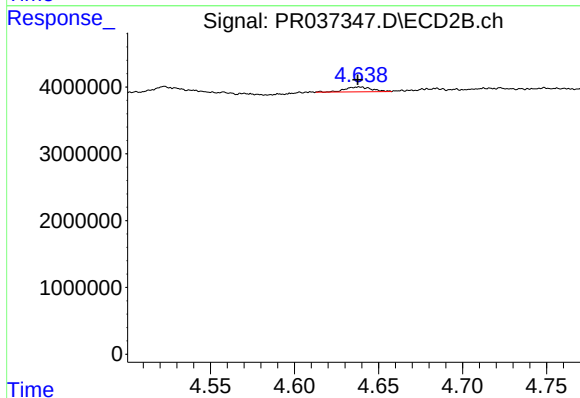
R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 1938487
Conc: 14.02 ng/ml



#13 AR-1232-3

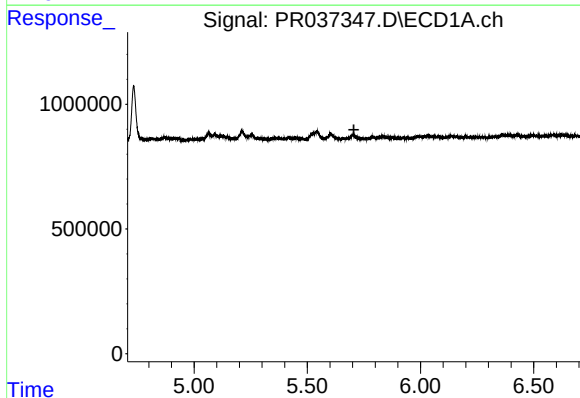
R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 653976
Conc: 19.35 ng/ml

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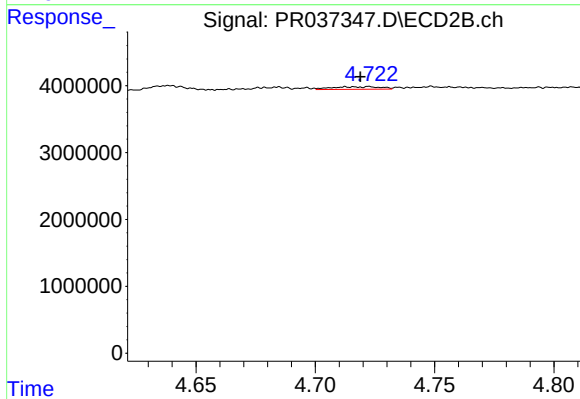
#13 AR-1232-3

R.T.: 4.639 min
Delta R.T.: 0.001 min
Response: 805208
Conc: 11.47 ng/ml



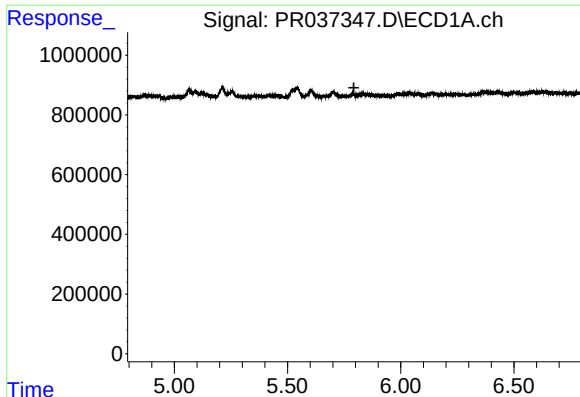
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.706 min
Response: 0
Conc: N.D.



#14 AR-1232-4

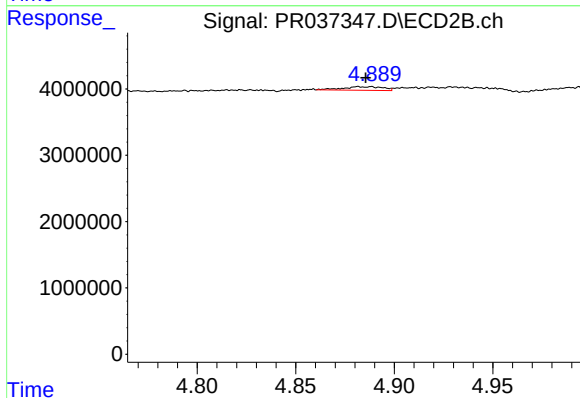
R.T.: 4.723 min
Delta R.T.: 0.004 min
Response: 529833
Conc: 8.88 ng/ml



#15 AR-1232-5

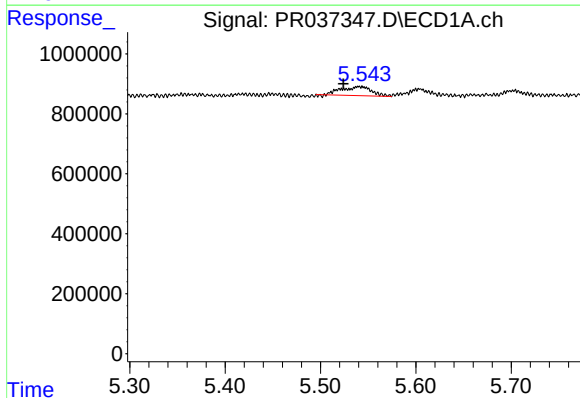
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



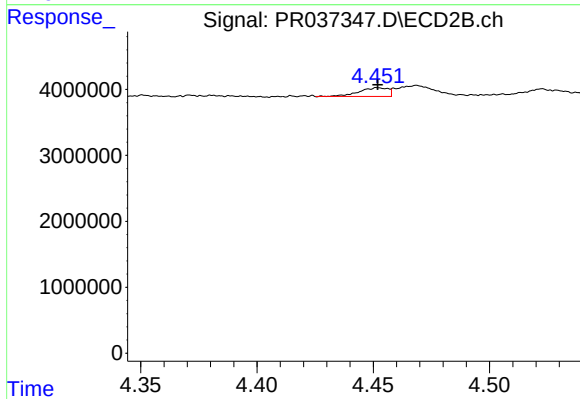
#15 AR-1232-5

R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 773975
Conc: 11.34 ng/ml



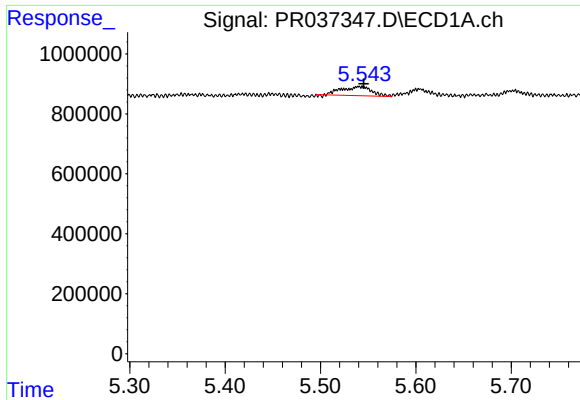
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: 0.019 min
Response: 653976
Conc: 19.11 ng/ml



#16 AR-1242-1

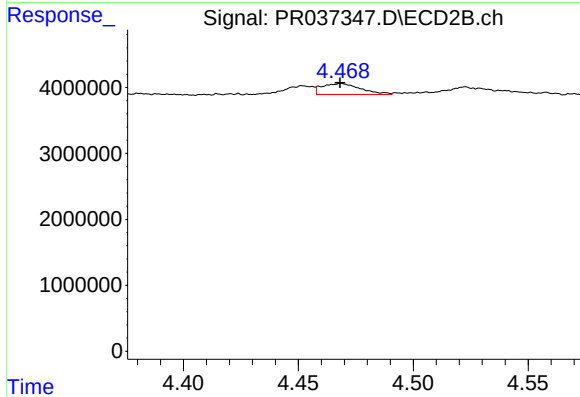
R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 1143033
Conc: 7.80 ng/ml



#17 AR-1242-2

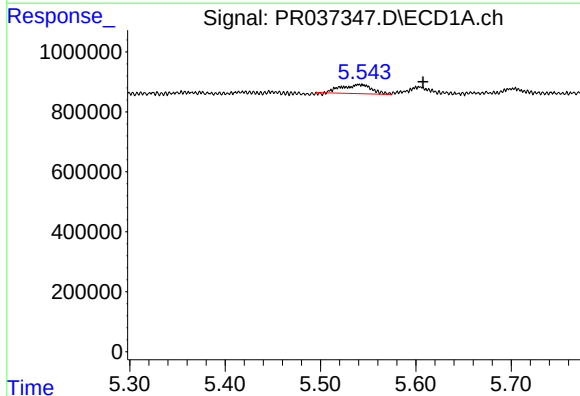
R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 653976
Conc: 11.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



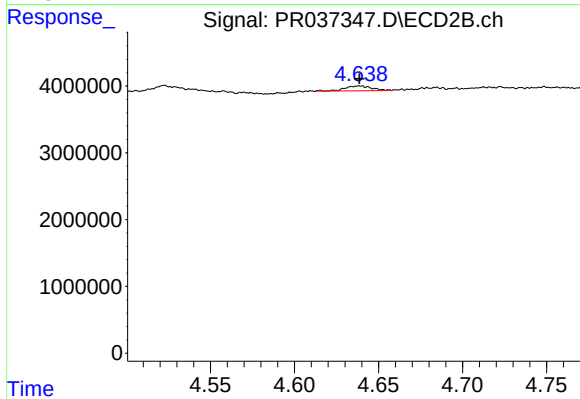
#17 AR-1242-2

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 1938487
Conc: 8.50 ng/ml



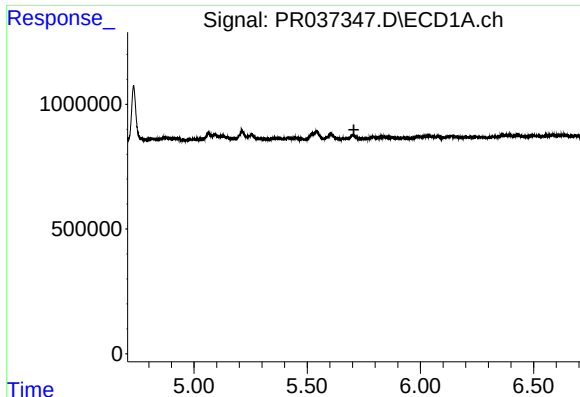
#18 AR-1242-3

R.T.: 5.543 min
Delta R.T.: -0.064 min
Response: 653976
Conc: 19.87 ng/ml



#18 AR-1242-3

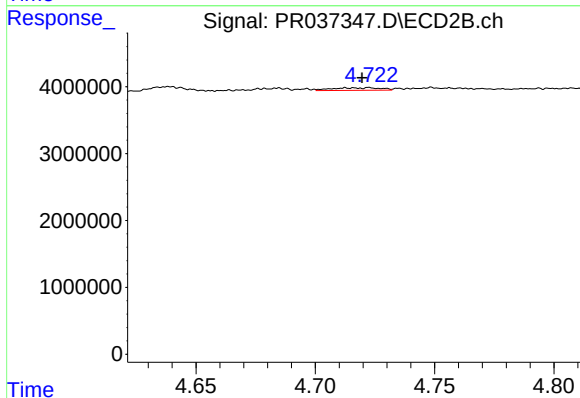
R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 805208
Conc: 6.96 ng/ml



#19 AR-1242-4

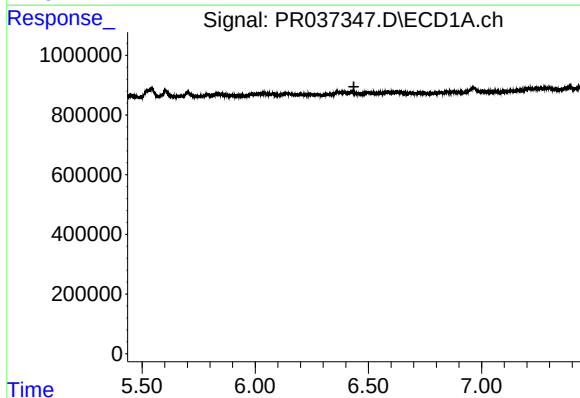
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



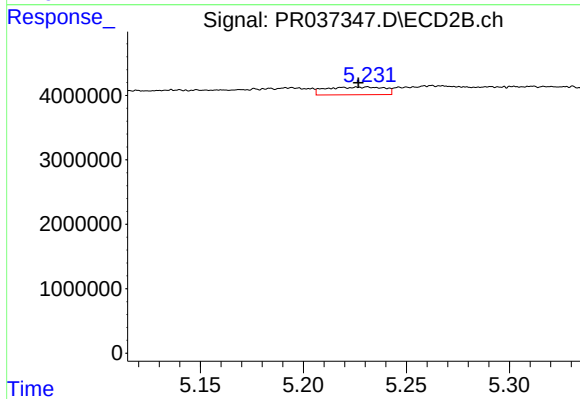
#19 AR-1242-4

R.T.: 4.723 min
Delta R.T.: 0.003 min
Response: 529833
Conc: 4.82 ng/ml



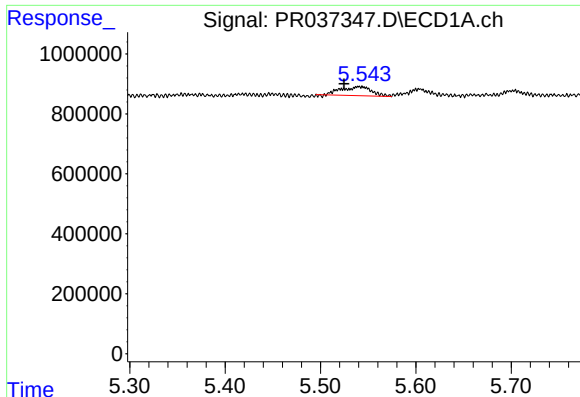
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.



#20 AR-1242-5

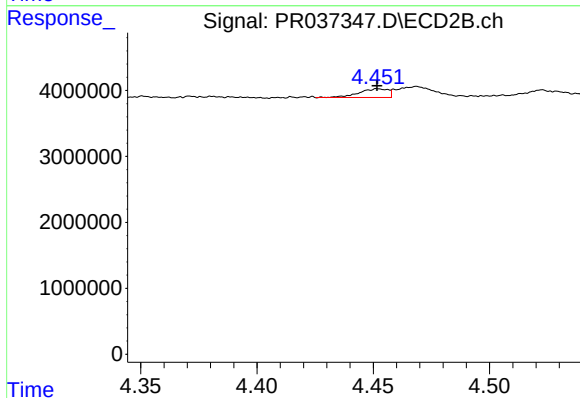
R.T.: 5.231 min
Delta R.T.: 0.005 min
Response: 2342348
Conc: 14.14 ng/ml



#21 AR-1248-1

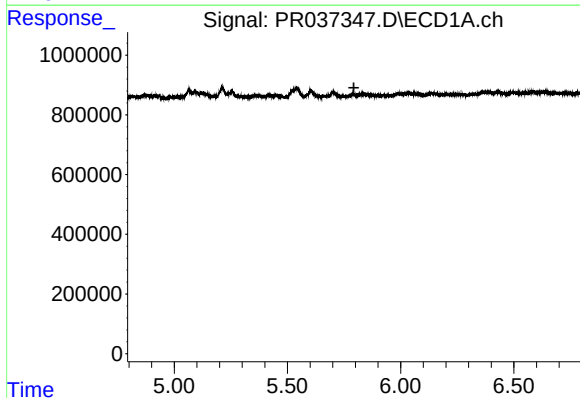
R.T.: 5.543 min
Delta R.T.: 0.019 min
Response: 653976
Conc: 28.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



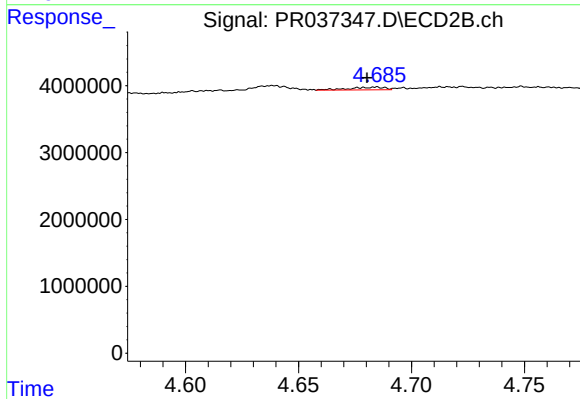
#21 AR-1248-1

R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 1143033
Conc: 11.35 ng/ml



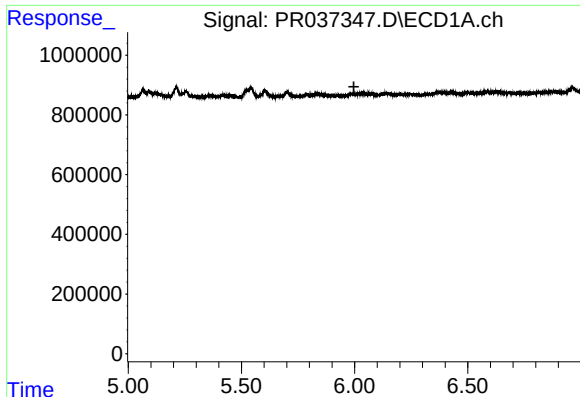
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.



#22 AR-1248-2

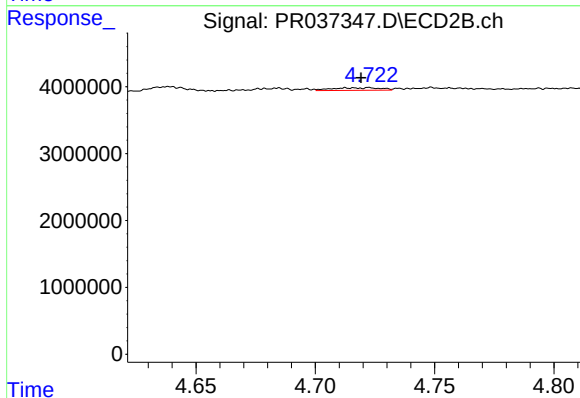
R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 429327
Conc: 3.15 ng/ml



#23 AR-1248-3

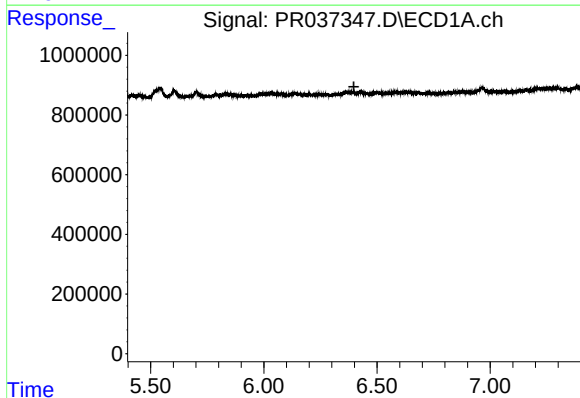
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



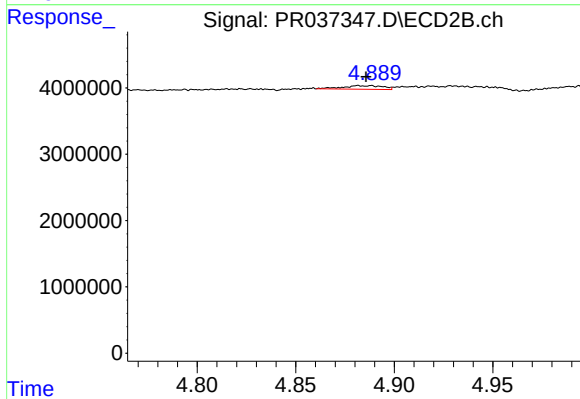
#23 AR-1248-3

R.T.: 4.723 min
Delta R.T.: 0.003 min
Response: 529833
Conc: 3.79 ng/ml



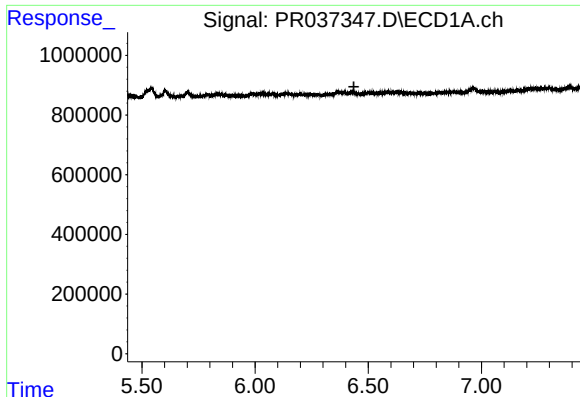
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.398 min
Response: 0
Conc: N.D.



#24 AR-1248-4

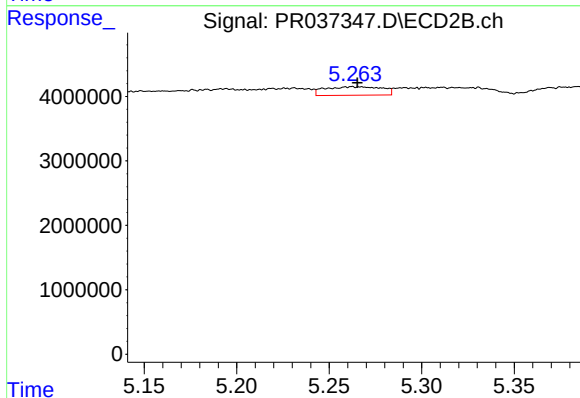
R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 773975
Conc: 4.35 ng/ml



#25 AR-1248-5

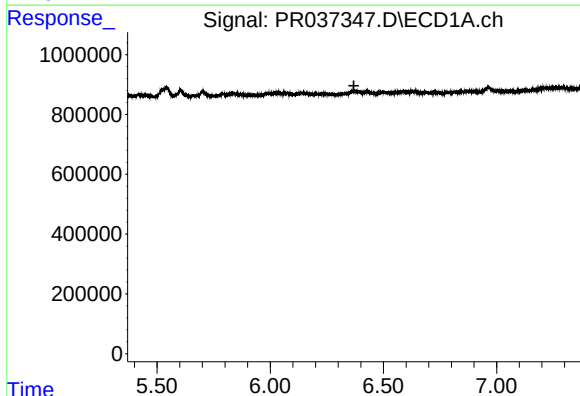
R.T.: 0.000 min
Exp R.T. : 6.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



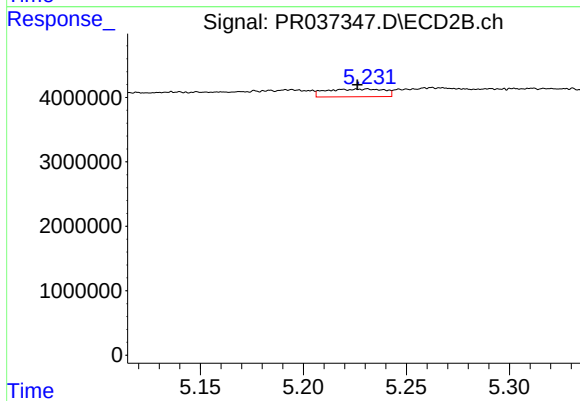
#25 AR-1248-5

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 2832873
Conc: 14.48 ng/ml



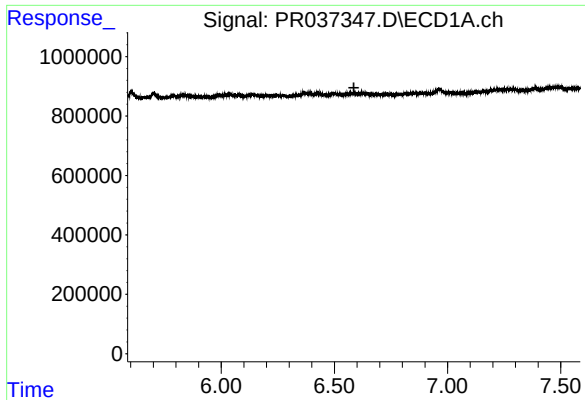
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.369 min
Response: 0
Conc: N.D.



#26 AR-1254-1

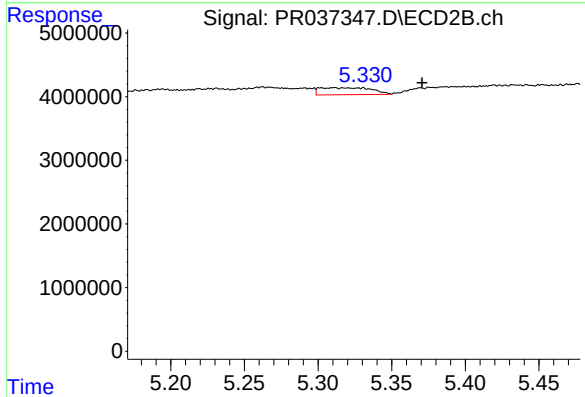
R.T.: 5.231 min
Delta R.T.: 0.005 min
Response: 2342348
Conc: 6.80 ng/ml



#27 AR-1254-2

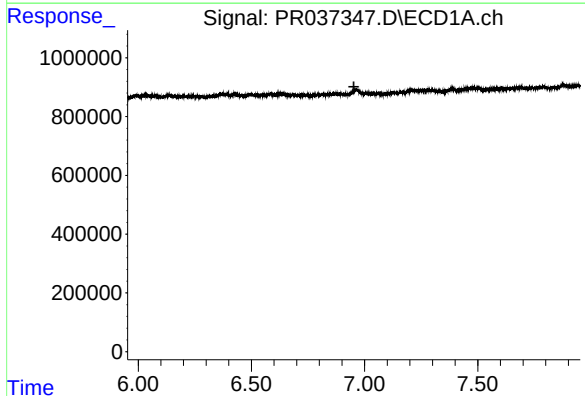
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



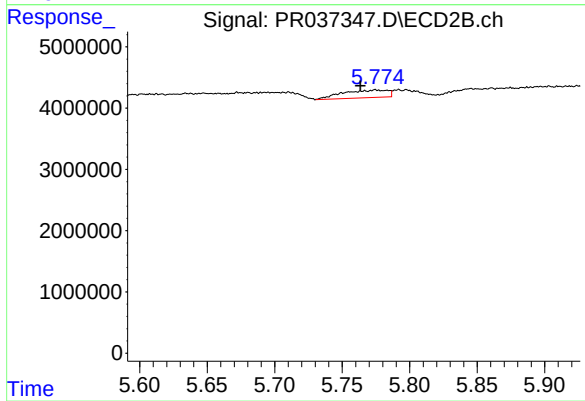
#27 AR-1254-2

R.T.: 5.330 min
Delta R.T.: -0.041 min
Response: 2694403
Conc: 9.00 ng/ml



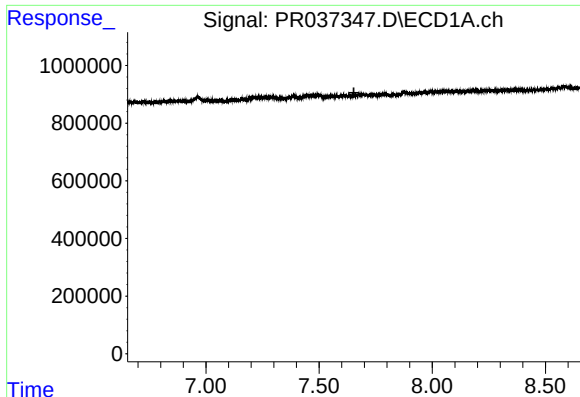
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.953 min
Response: 0
Conc: N.D.



#28 AR-1254-3

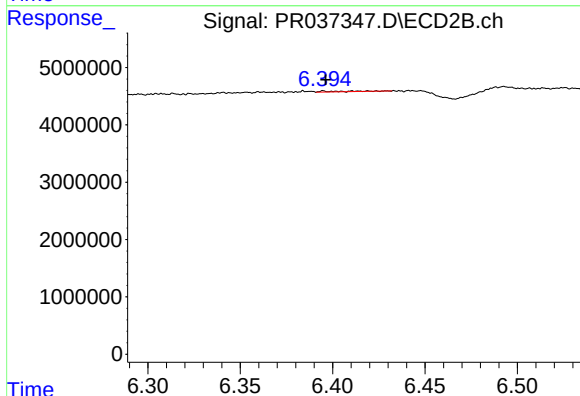
R.T.: 5.775 min
Delta R.T.: 0.011 min
Response: 2875064
Conc: 6.07 ng/ml



#30 AR-1254-5

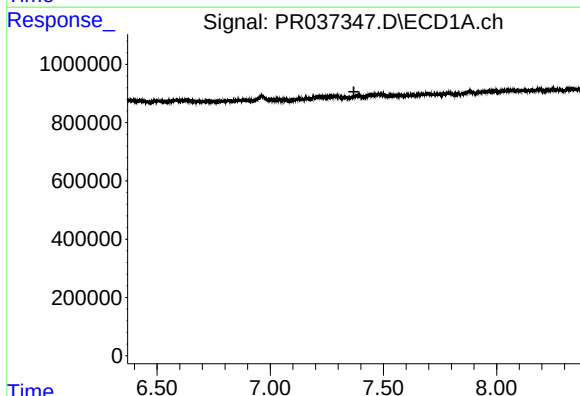
R.T.: 0.000 min
Exp R.T.: 7.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



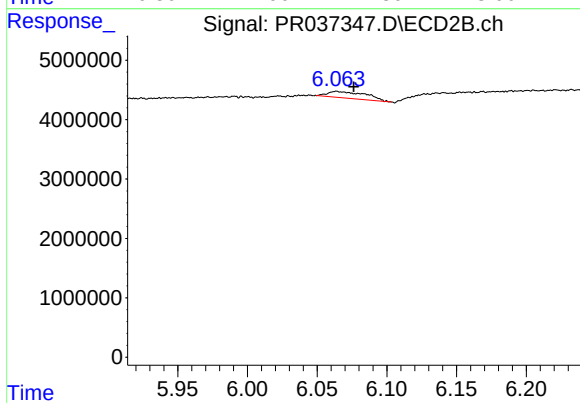
#30 AR-1254-5

R.T.: 6.395 min
Delta R.T.: -0.001 min
Response: 129351
Conc: 0.29 ng/ml



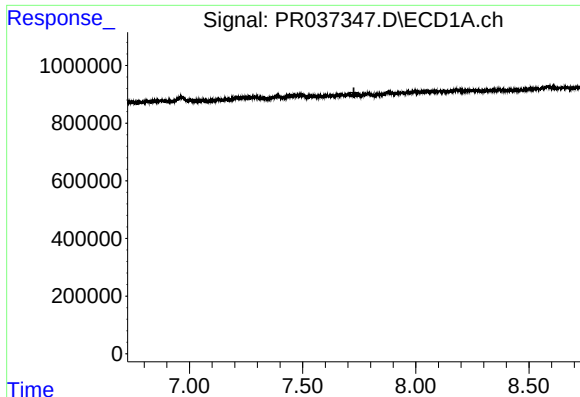
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.



#32 AR-1260-2

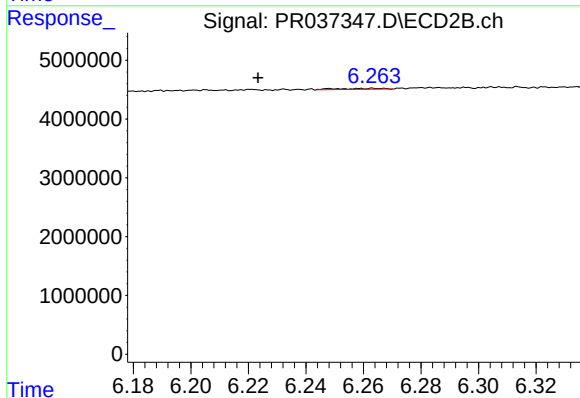
R.T.: 6.064 min
Delta R.T.: -0.012 min
Response: 2000330
Conc: 4.34 ng/ml



#33 AR-1260-3

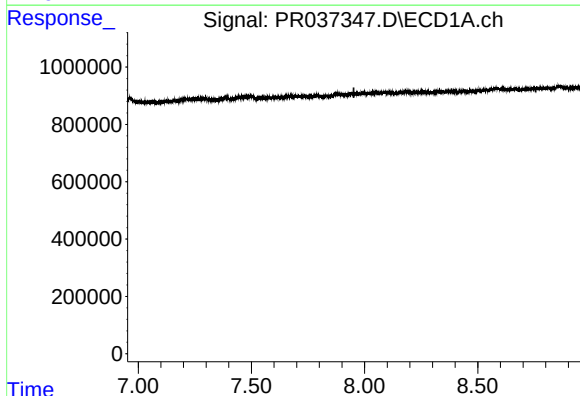
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



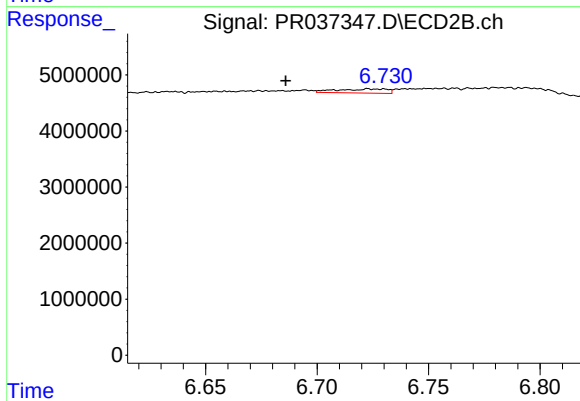
#33 AR-1260-3

R.T.: 6.264 min
Delta R.T.: 0.041 min
Response: 184812
Conc: 0.52 ng/ml



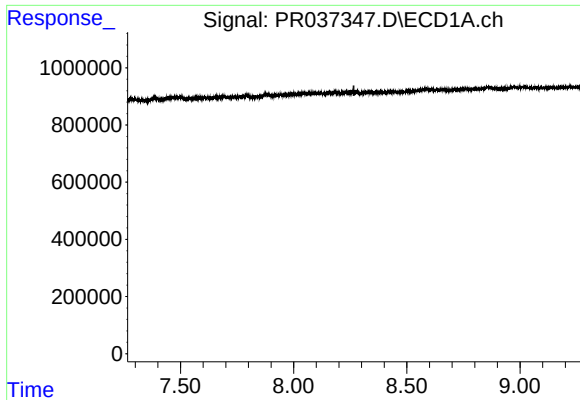
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.953 min
Response: 0
Conc: N.D.



#34 AR-1260-4

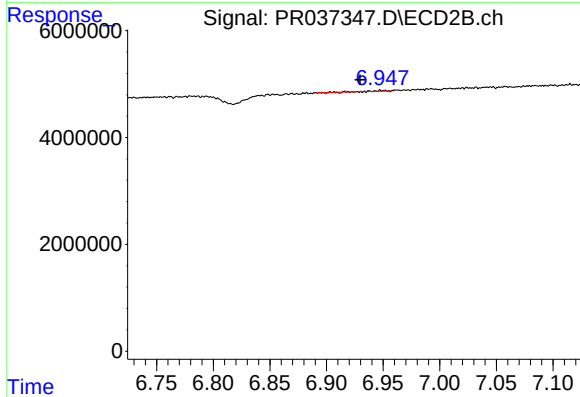
R.T.: 6.723 min
Delta R.T.: 0.037 min
Response: 1167155
Conc: 3.83 ng/ml



#35 AR-1260-5

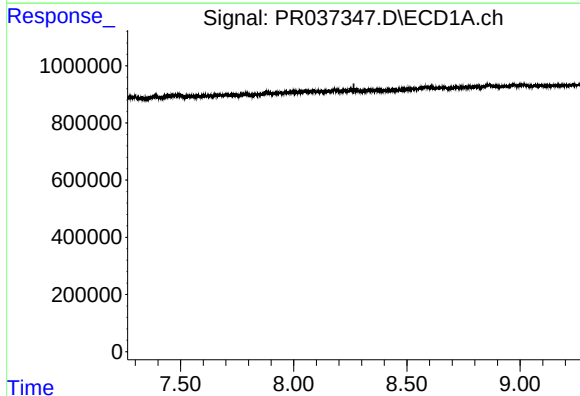
R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



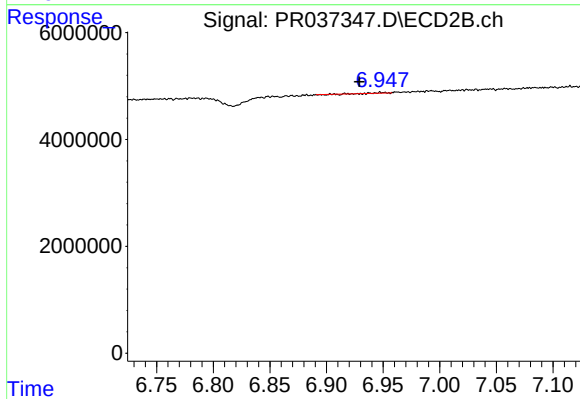
#35 AR-1260-5

R.T.: 6.948 min
Delta R.T.: 0.018 min
Response: 39100
Conc: 0.05 ng/ml



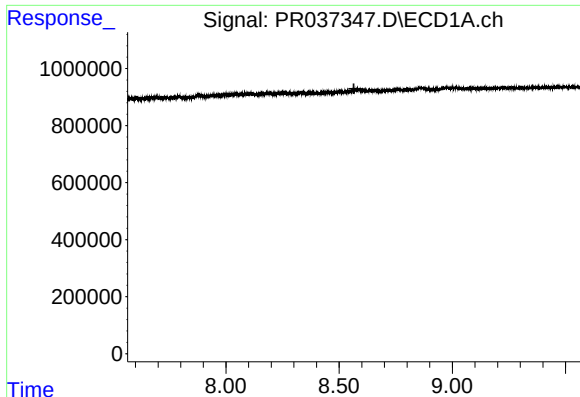
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.



#37 AR-1262-2

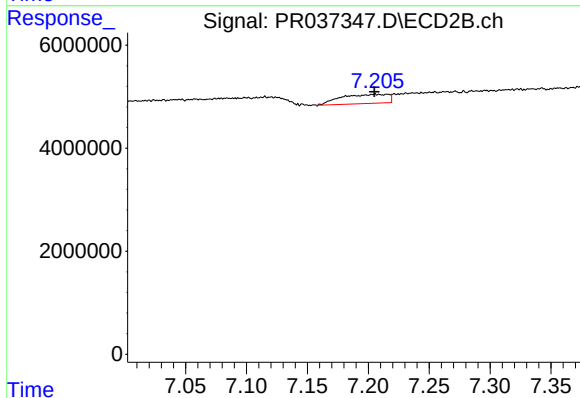
R.T.: 6.948 min
Delta R.T.: 0.019 min
Response: 39100
Conc: 0.03 ng/ml



#38 AR-1262-3

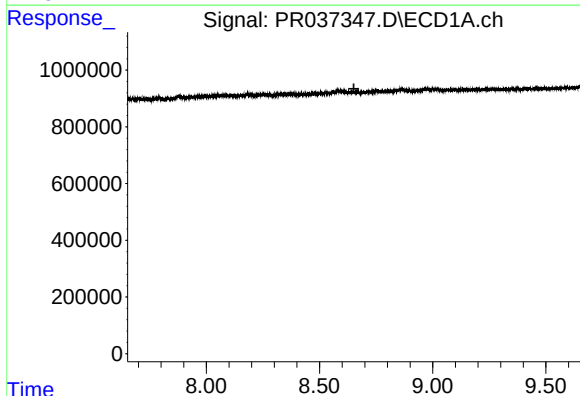
R.T.: 0.000 min
Exp R.T.: 8.565 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



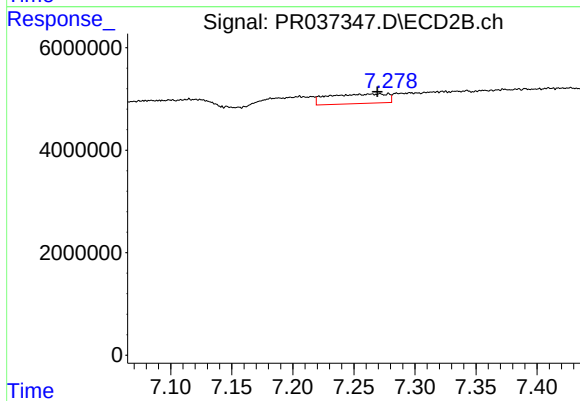
#38 AR-1262-3

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 4804290
Conc: 8.76 ng/ml



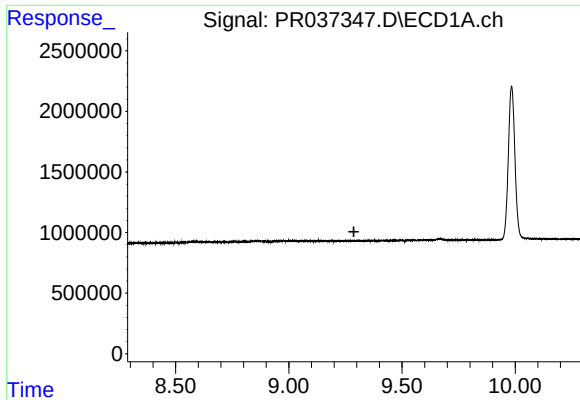
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.652 min
Response: 0
Conc: N.D.



#39 AR-1262-4

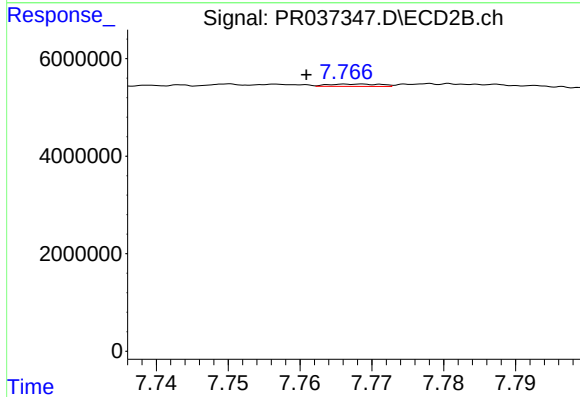
R.T.: 7.271 min
Delta R.T.: 0.002 min
Response: 6229501
Conc: 6.94 ng/ml



#40 AR-1262-5

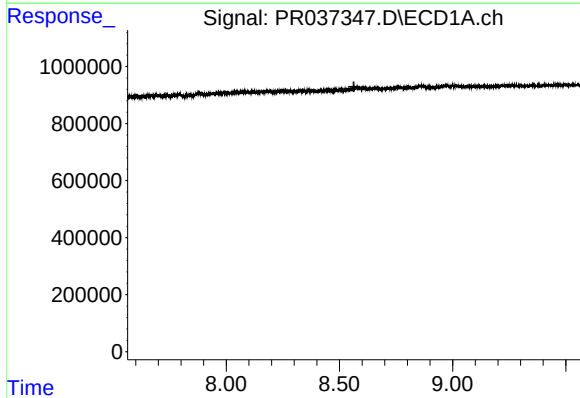
R.T.: 0.000 min
Exp R.T. : 9.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



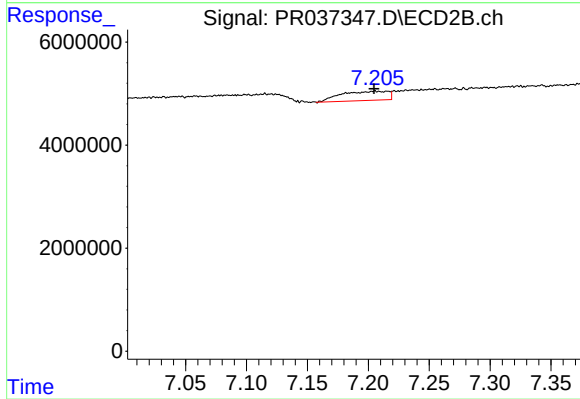
#40 AR-1262-5

R.T.: 7.768 min
Delta R.T.: 0.007 min
Response: 244559
Conc: 0.64 ng/ml



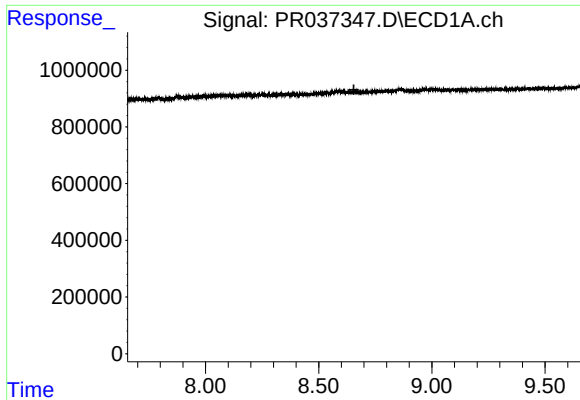
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.564 min
Response: 0
Conc: N.D.



#41 AR-1268-1

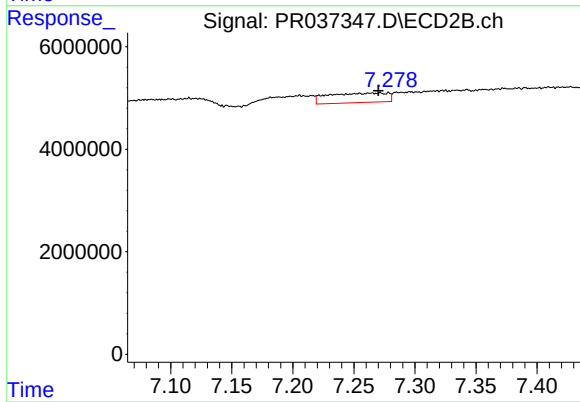
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 4804290
Conc: 3.90 ng/ml



#42 AR-1268-2

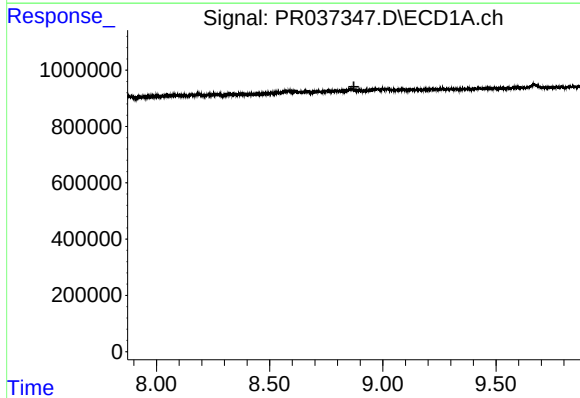
R.T.: 0.000 min
Exp R.T.: 8.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



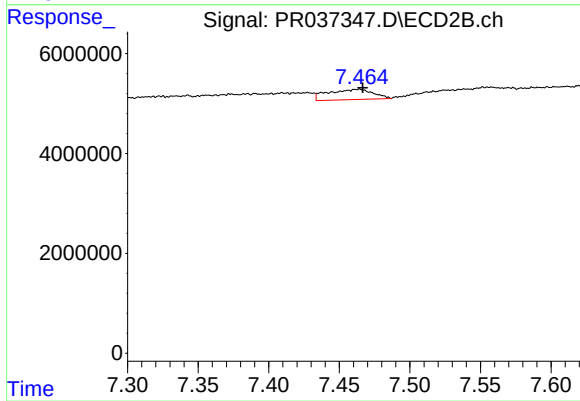
#42 AR-1268-2

R.T.: 7.271 min
Delta R.T.: 0.001 min
Response: 6229501
Conc: 5.88 ng/ml



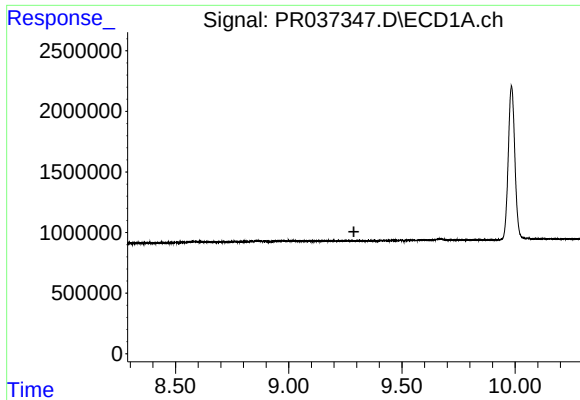
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.872 min
Response: 0
Conc: N.D.



#43 AR-1268-3

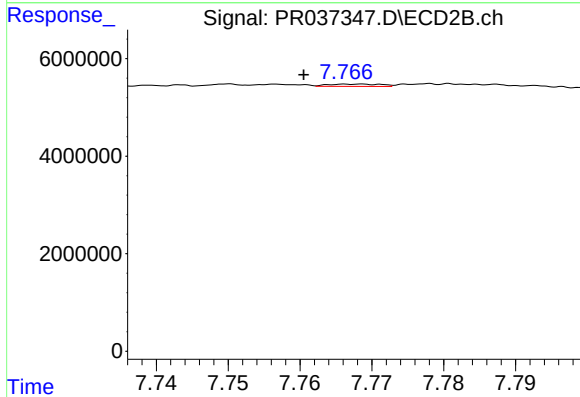
R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 4573501
Conc: 5.16 ng/ml



#44 AR-1268-4

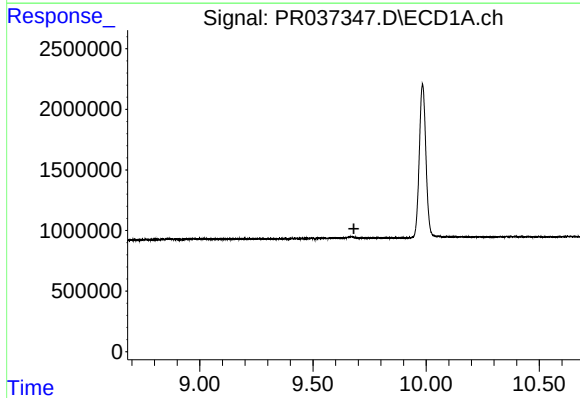
R.T.: 0.000 min
Exp R.T.: 9.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2019



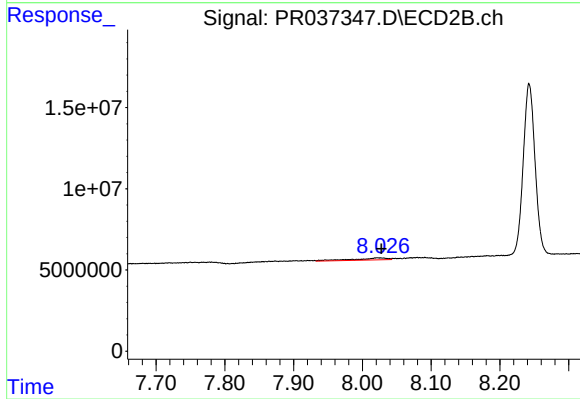
#44 AR-1268-4

R.T.: 7.768 min
Delta R.T.: 0.008 min
Response: 244559
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.681 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 4365399
Conc: 1.72 ng/ml