

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042219\
 Data File : PR037301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2019 19:55
 Operator : SM\SJ
 Sample : K1560-10
 Misc : AR1221 MDL 25PPB
 ALS Vial : 31 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 00:52:41 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	3.407	21889095	87436717	17.497	18.233
2)	SA Decachlor...	9.997	8.248	28315072	135.7E6	21.409	23.303
Target Compounds							
3)	L1 AR-1016-1	0.000	4.451	0	699872	N.D.	3.844 #
4)	L1 AR-1016-2	0.000	4.467	0	974722	N.D.	3.455 #
5)	L1 AR-1016-3	0.000	4.639	0	233958	N.D.	1.627 #
6)	L1 AR-1016-4	0.000	4.681	0	461030	N.D.	4.167 #
7)	L1 AR-1016-5	0.000	4.882	0	1466404	N.D.	9.647 #
8)	L2 AR-1221-1	4.571	3.613	1011465	2245549	80.897	44.101 #
9)	L2 AR-1221-2	4.661	3.697	1074006	2716481	118.754	73.150 #
10)	L2 AR-1221-3	4.734	3.768	1646117	5558611	53.708	45.396
11)	L3 AR-1232-1	4.734	3.768	1646117	5558611	56.276	47.513
12)	L3 AR-1232-2	0.000	4.467	0	974722	N.D.	7.052 #
13)	L3 AR-1232-3	0.000	4.639	0	233958	N.D.	3.333 #
14)	L3 AR-1232-4	0.000	4.718	0	275905	N.D.	4.624 #
15)	L3 AR-1232-5	0.000	4.882	0	1466404	N.D.	21.488 #
16)	L4 AR-1242-1	0.000	4.451	0	699872	N.D.	4.776 #
17)	L4 AR-1242-2	0.000	4.467	0	974722	N.D.	4.272 #
18)	L4 AR-1242-3	0.000	4.639	0	233958	N.D.	2.023 #
19)	L4 AR-1242-4	0.000	4.718	0	275905	N.D.	2.510 #
20)	L4 AR-1242-5	0.000	5.213	0	396915	N.D.	2.395 #
21)	L5 AR-1248-1	0.000	4.451	0	699872	N.D.	6.953 #
22)	L5 AR-1248-2	0.000	4.681	0	461030	N.D.	3.378 #
23)	L5 AR-1248-3	0.000	4.718	0	275905	N.D.	1.971 #
24)	L5 AR-1248-4	0.000	4.882	0	1466404	N.D.	8.240 #
25)	L5 AR-1248-5	0.000	5.266	0	5482694	N.D.	28.028 #
26)	L6 AR-1254-1	0.000	5.213	0	396915	N.D.	1.152 #
27)	L6 AR-1254-2	0.000	5.392	0	2698317	N.D.	9.009 #
28)	L6 AR-1254-3	0.000	5.788	0	4726838	N.D.	9.980 #
29)	L6 AR-1254-4	7.212	5.982	788444	755048	11.766	2.153 #
30)	L6 AR-1254-5	0.000	6.351	0	3098964	N.D.	6.998 #
32)	L7 AR-1260-2	0.000	6.069	0	2086192	N.D.	4.529 #
36)	L8 AR-1262-1	0.000	6.495	0	3112904	N.D.	12.421 #
38)	L8 AR-1262-3	0.000	7.208	0	5610058	N.D.	10.232 #
39)	L8 AR-1262-4	0.000	7.208	0	5610058	N.D.	6.250 #
40)	L8 AR-1262-5	0.000	7.788	0	936813	N.D.	2.448 #
41)	L9 AR-1268-1	0.000	7.208	0	5610058	N.D.	4.557 #
42)	L9 AR-1268-2	0.000	7.208	0	5610058	N.D.	5.298 #
43)	L9 AR-1268-3	0.000	7.467	0	4867563	N.D.	5.492 #
44)	L9 AR-1268-4	0.000	7.788	0	936813	N.D.	2.582 #
45)	L9 AR-1268-5	0.000	8.029	0	7005887	N.D.	2.754 #

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Data File : PR037301.D
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Operator : SM\SJ
Sample : K1560-10
Misc : AR1221 MDL 25PPB
ALS Vial : 31 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 00:52:41 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
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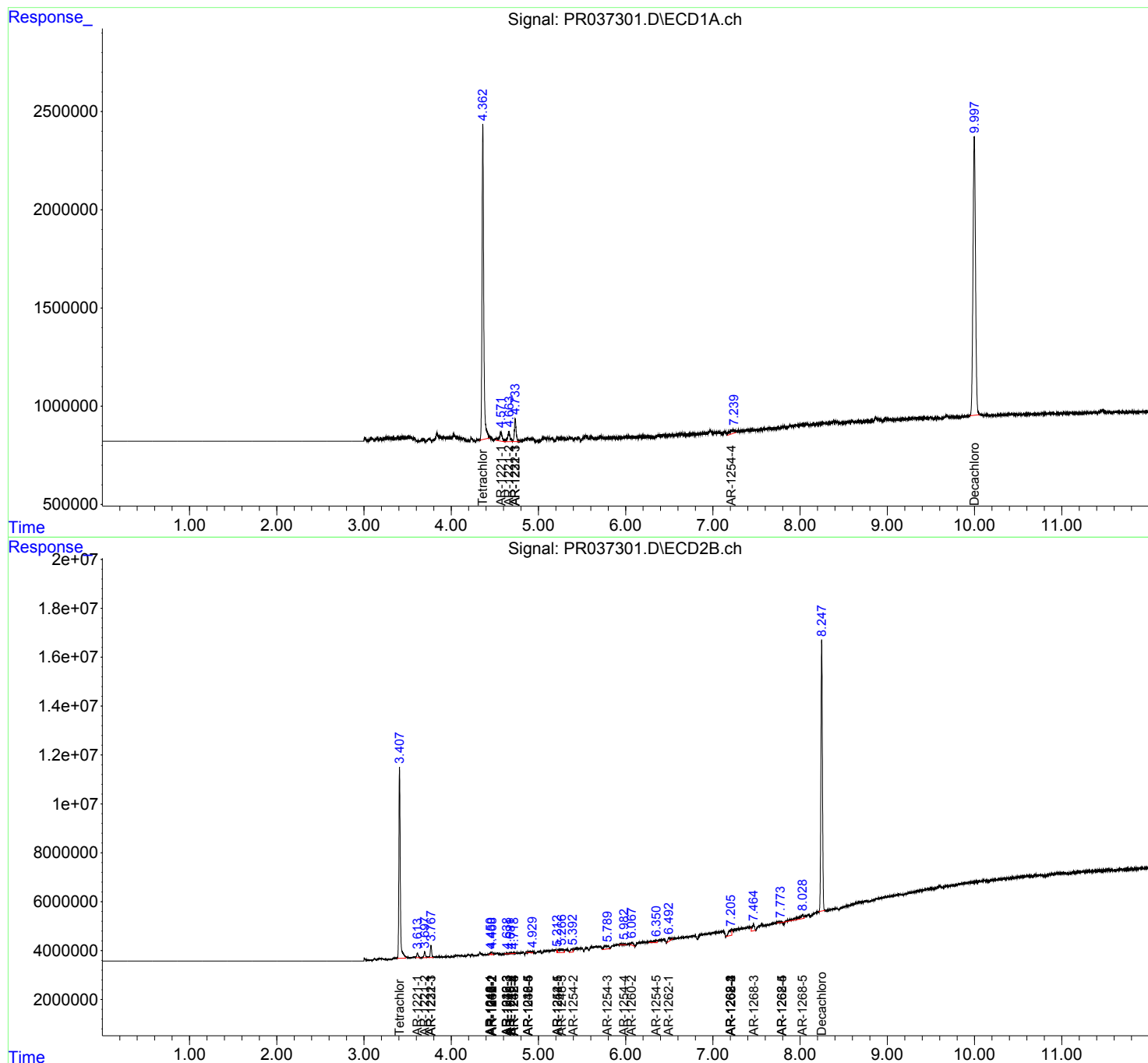
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

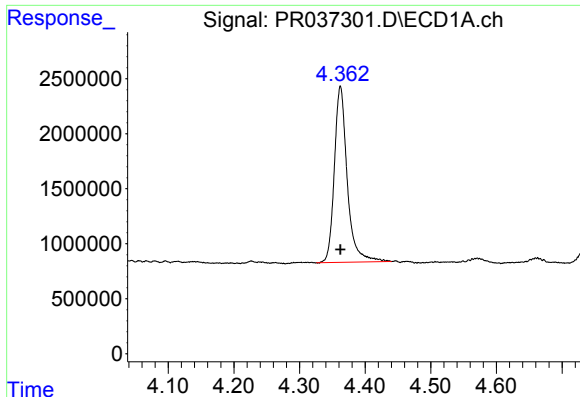
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042219\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

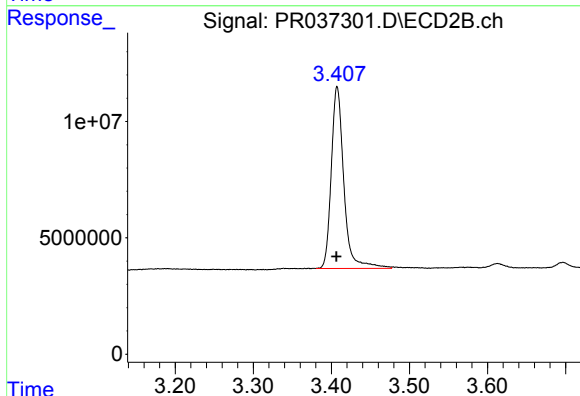




#1 Tetrachloro-m-xylene

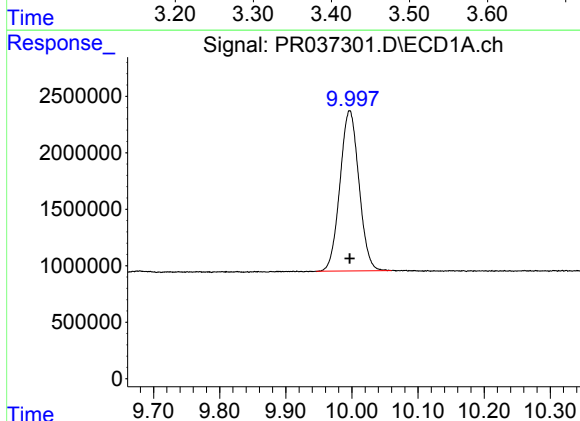
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 21889095
Conc: 17.50 ng/ml

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



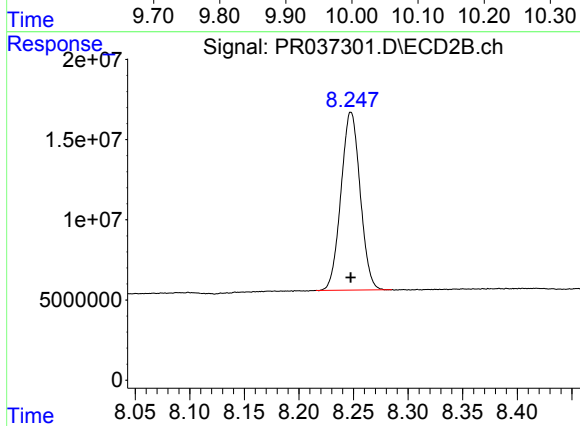
#1 Tetrachloro-m-xylene

R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 87436717
Conc: 18.23 ng/ml



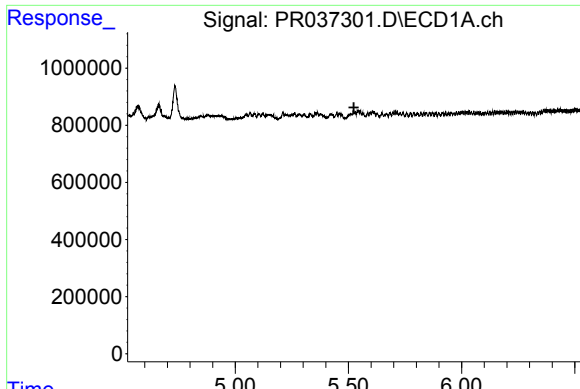
#2 Decachlorobiphenyl

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 28315072
Conc: 21.41 ng/ml



#2 Decachlorobiphenyl

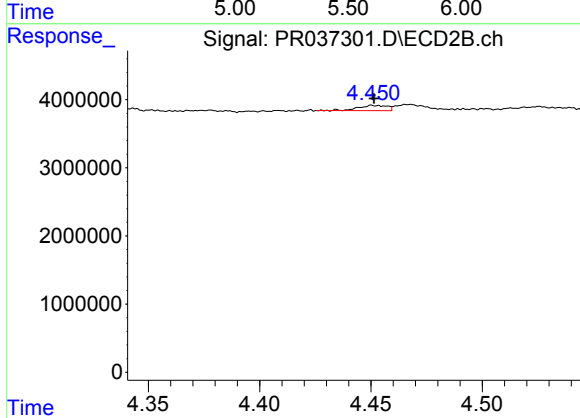
R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 135721990
Conc: 23.30 ng/ml



#3 AR-1016-1

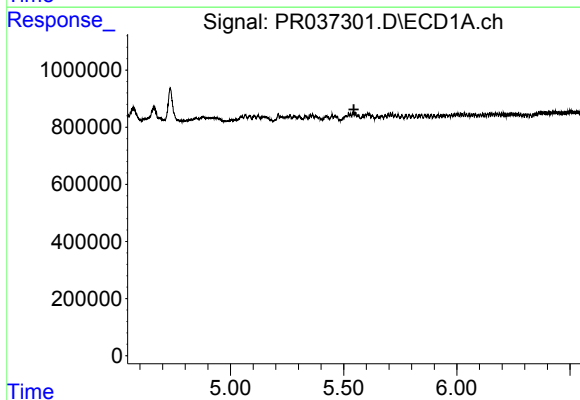
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

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



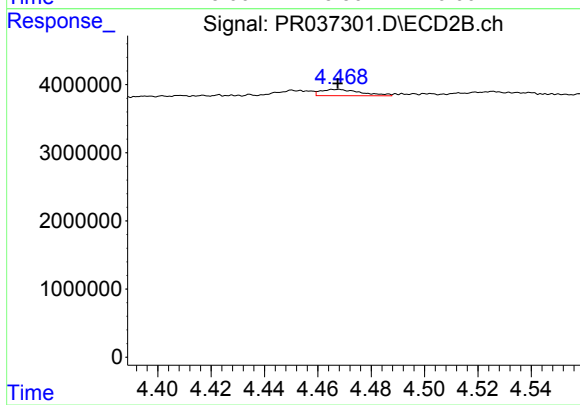
#3 AR-1016-1

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 699872
Conc: 3.84 ng/ml



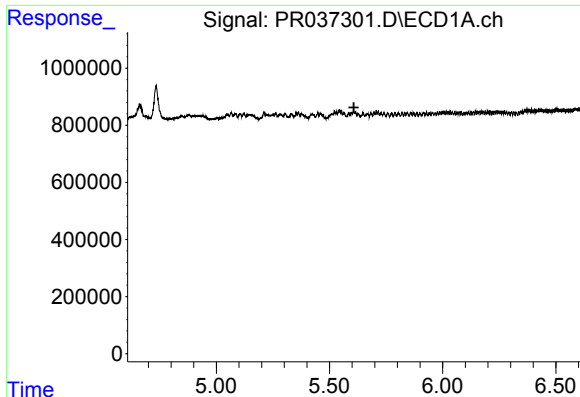
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

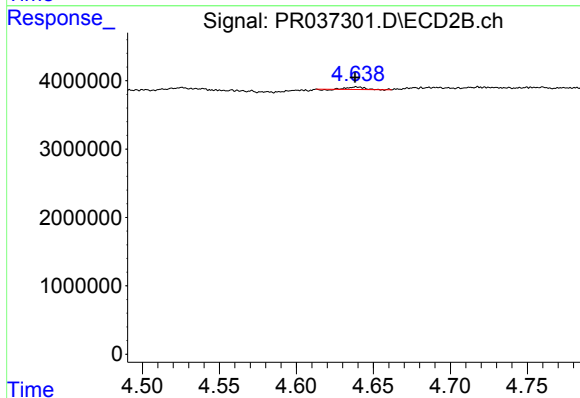
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 974722
Conc: 3.45 ng/ml



#5 AR-1016-3

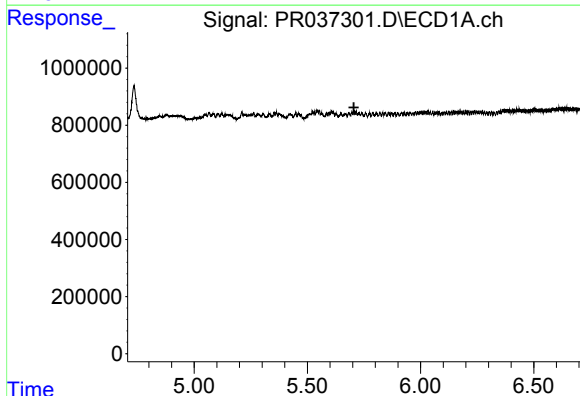
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.

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



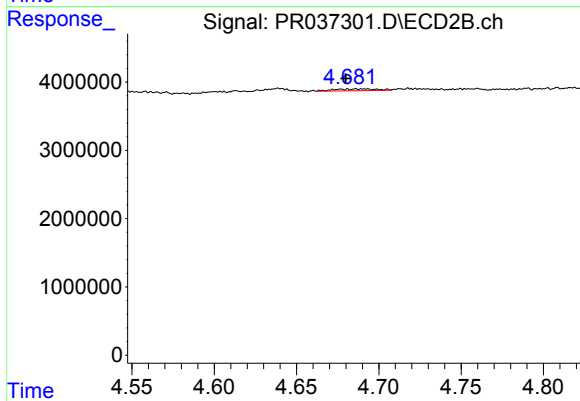
#5 AR-1016-3

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 233958
Conc: 1.63 ng/ml



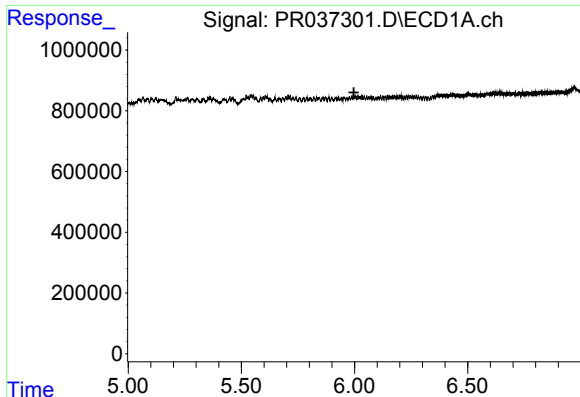
#6 AR-1016-4

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



#6 AR-1016-4

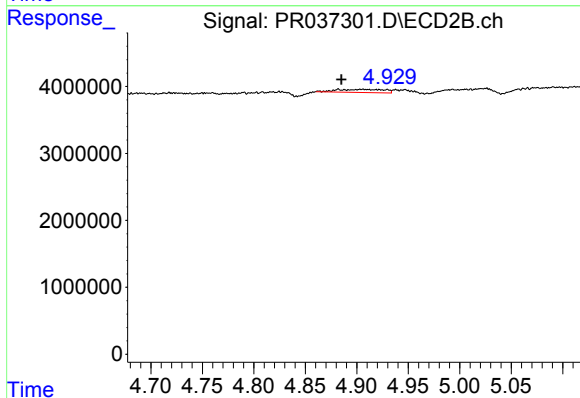
R.T.: 4.681 min
Delta R.T.: 0.001 min
Response: 461030
Conc: 4.17 ng/ml



#7 AR-1016-5

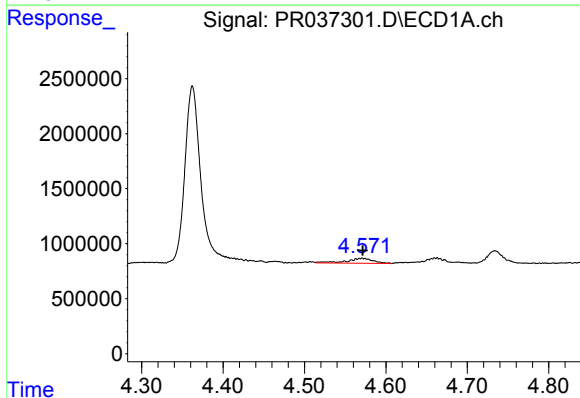
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

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



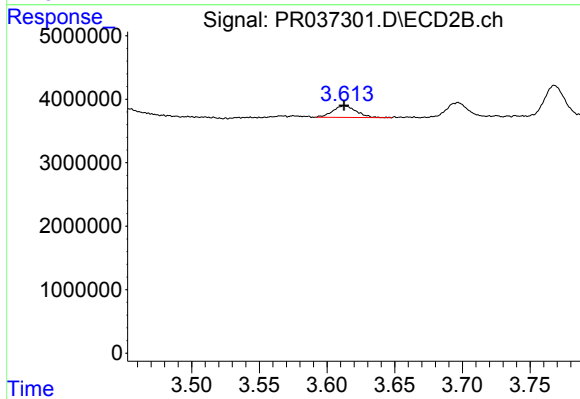
#7 AR-1016-5

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 1466404
Conc: 9.65 ng/ml



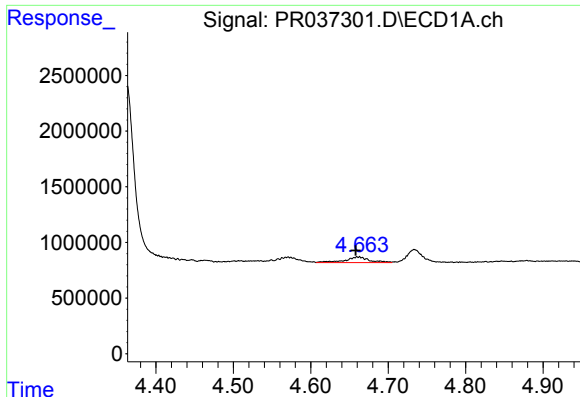
#8 AR-1221-1

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 1011465
Conc: 80.90 ng/ml



#8 AR-1221-1

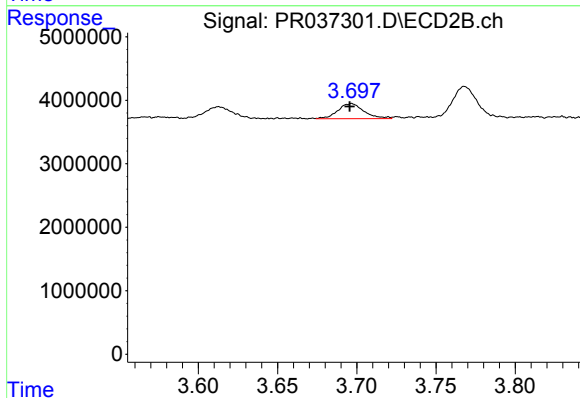
R.T.: 3.613 min
Delta R.T.: 0.000 min
Response: 2245549
Conc: 44.10 ng/ml



#9 AR-1221-2

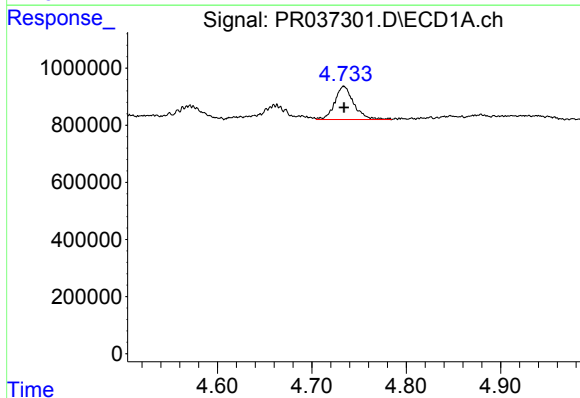
R.T.: 4.661 min
Delta R.T.: 0.003 min
Response: 1074006
Conc: 118.75 ng/ml

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



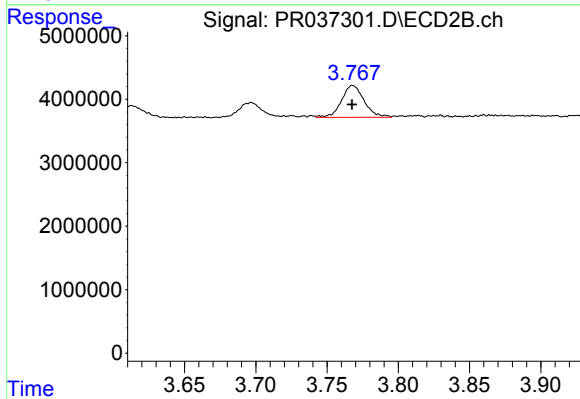
#9 AR-1221-2

R.T.: 3.697 min
Delta R.T.: 0.001 min
Response: 2716481
Conc: 73.15 ng/ml



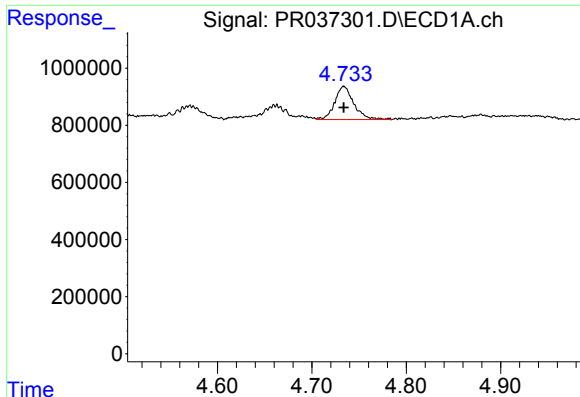
#10 AR-1221-3

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 1646117
Conc: 53.71 ng/ml



#10 AR-1221-3

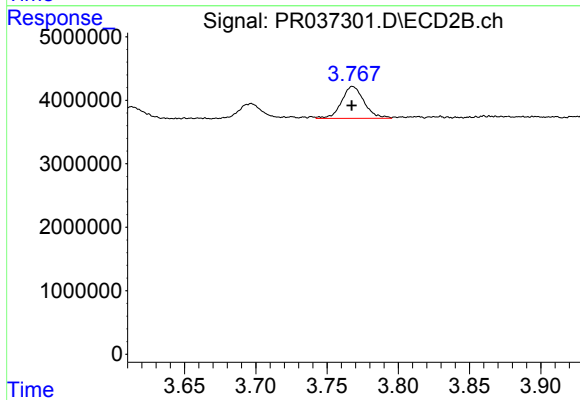
R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 5558611
Conc: 45.40 ng/ml



#11 AR-1232-1

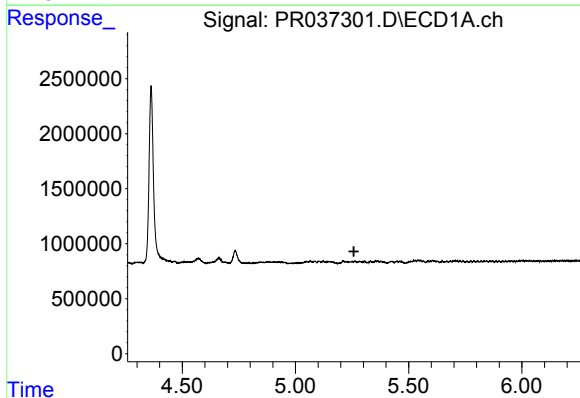
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 1646117
Conc: 56.28 ng/ml

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



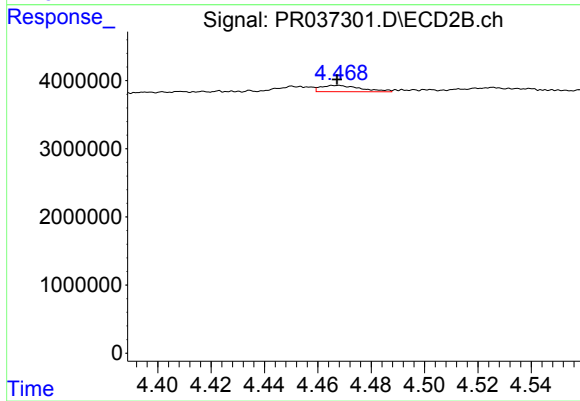
#11 AR-1232-1

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 5558611
Conc: 47.51 ng/ml



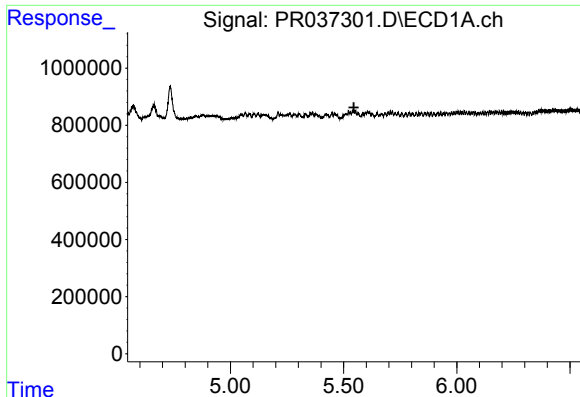
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.258 min
Response: 0
Conc: N.D.



#12 AR-1232-2

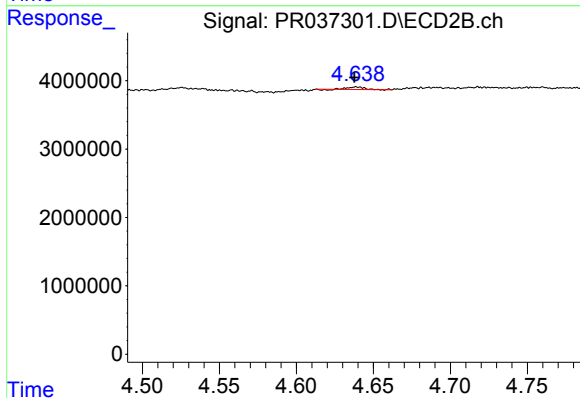
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 974722
Conc: 7.05 ng/ml



#13 AR-1232-3

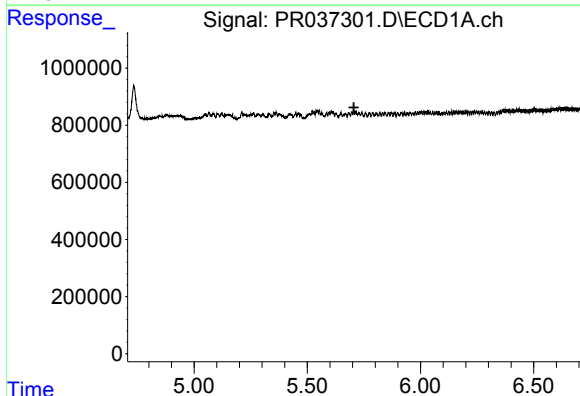
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

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



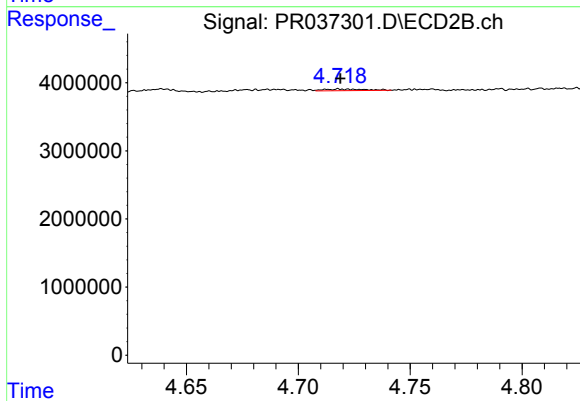
#13 AR-1232-3

R.T.: 4.639 min
Delta R.T.: 0.002 min
Response: 233958
Conc: 3.33 ng/ml



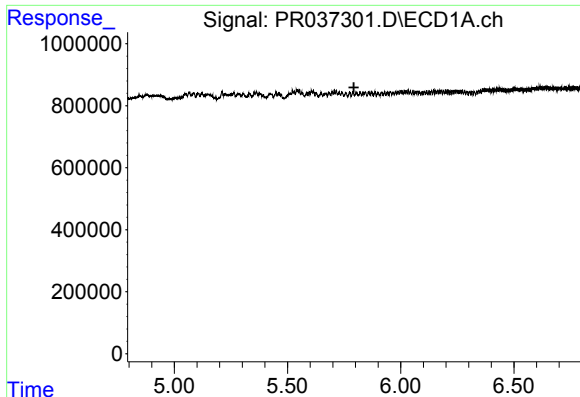
#14 AR-1232-4

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



#14 AR-1232-4

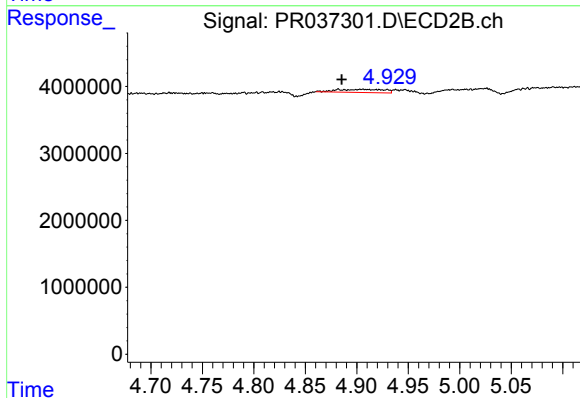
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 275905
Conc: 4.62 ng/ml



#15 AR-1232-5

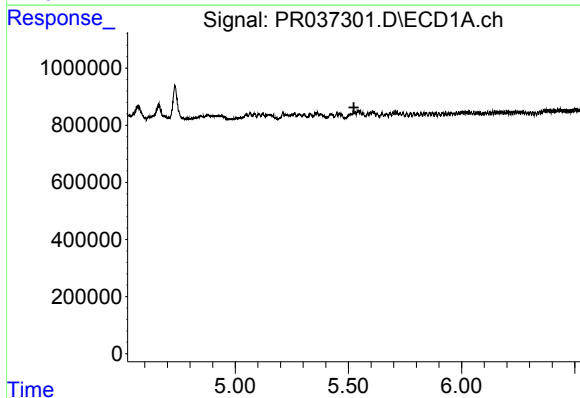
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

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



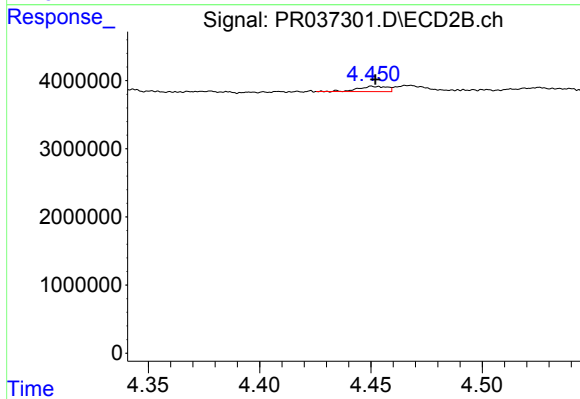
#15 AR-1232-5

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 1466404
Conc: 21.49 ng/ml



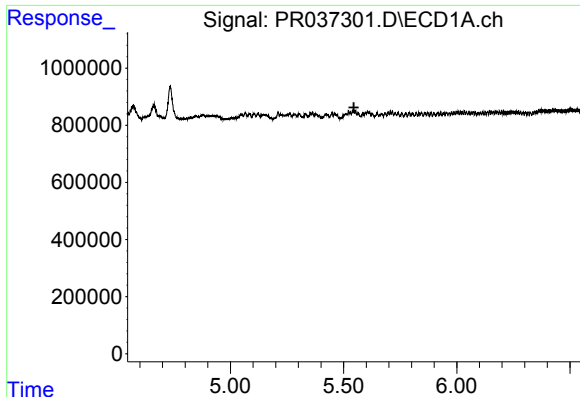
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.



#16 AR-1242-1

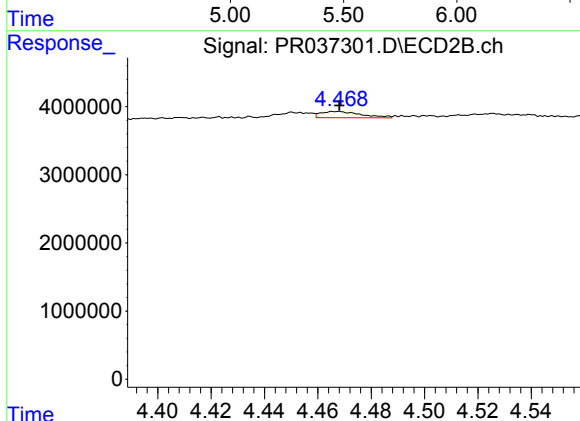
R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 699872
Conc: 4.78 ng/ml



#17 AR-1242-2

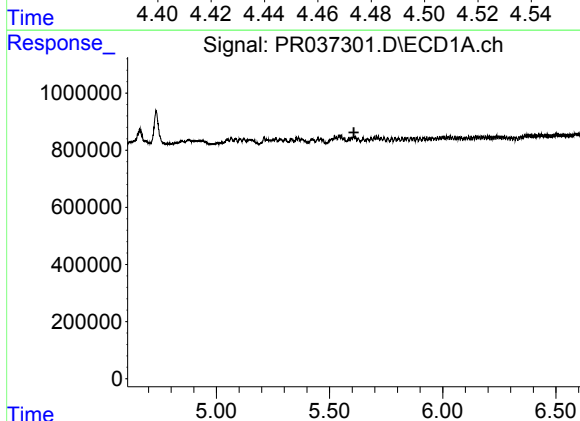
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

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



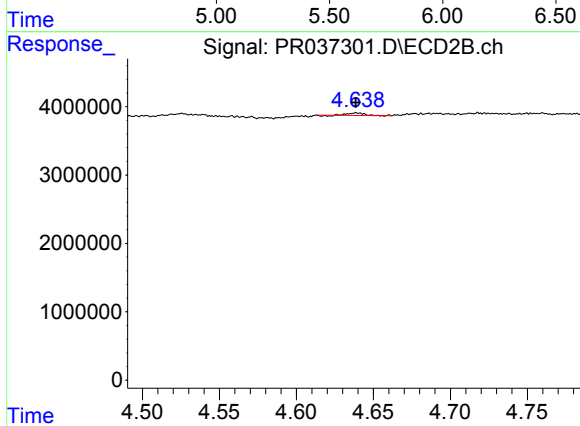
#17 AR-1242-2

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 974722
Conc: 4.27 ng/ml



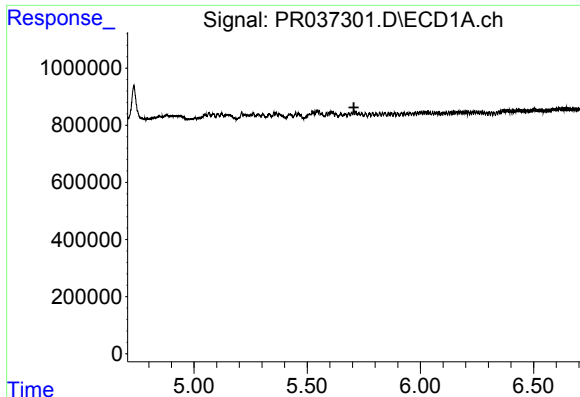
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.



#18 AR-1242-3

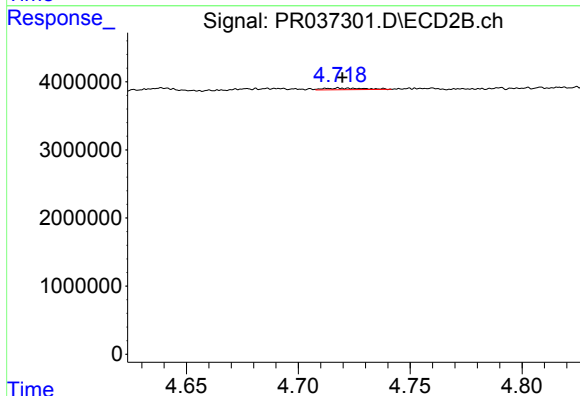
R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 233958
Conc: 2.02 ng/ml



#19 AR-1242-4

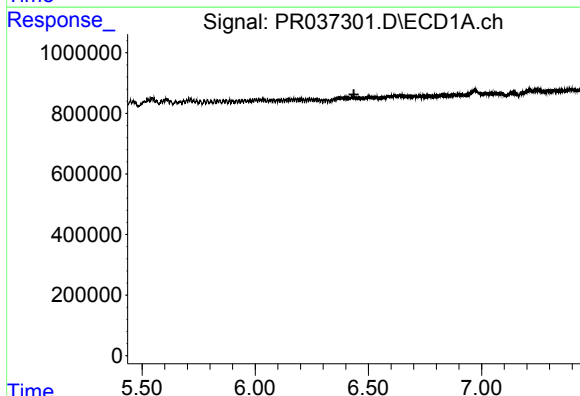
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

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



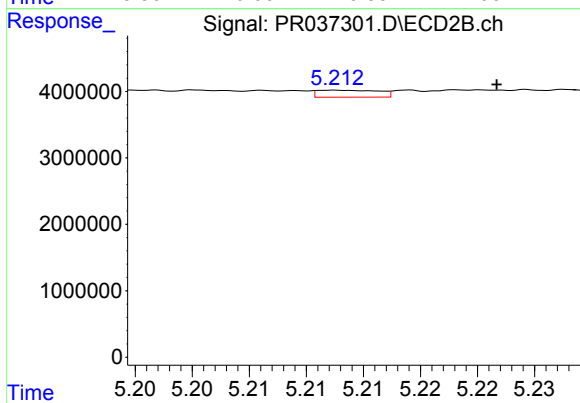
#19 AR-1242-4

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 275905
Conc: 2.51 ng/ml



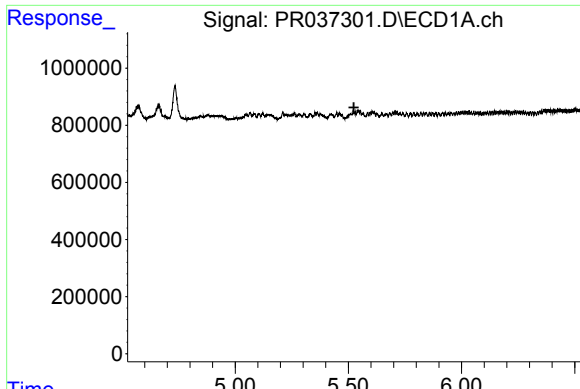
#20 AR-1242-5

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



#20 AR-1242-5

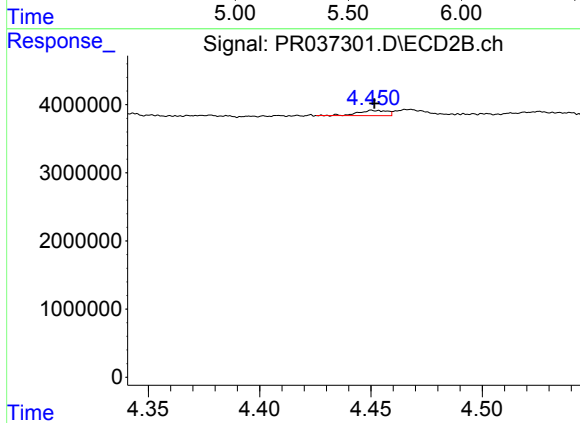
R.T.: 5.213 min
Delta R.T.: -0.014 min
Response: 396915
Conc: 2.40 ng/ml



#21 AR-1248-1

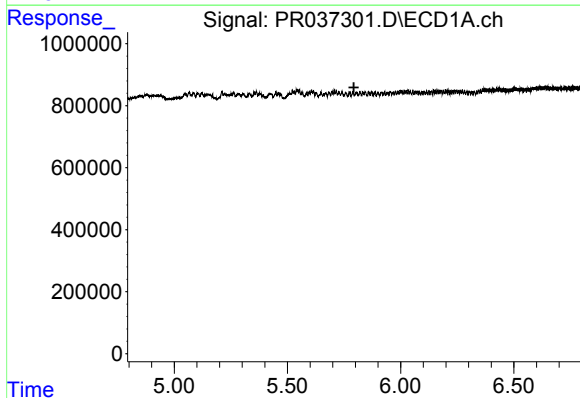
R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.

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



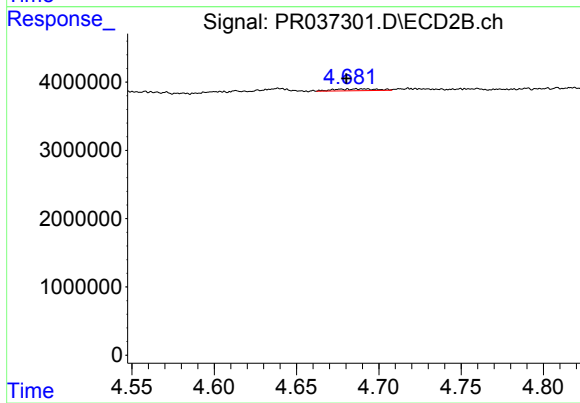
#21 AR-1248-1

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 699872
Conc: 6.95 ng/ml



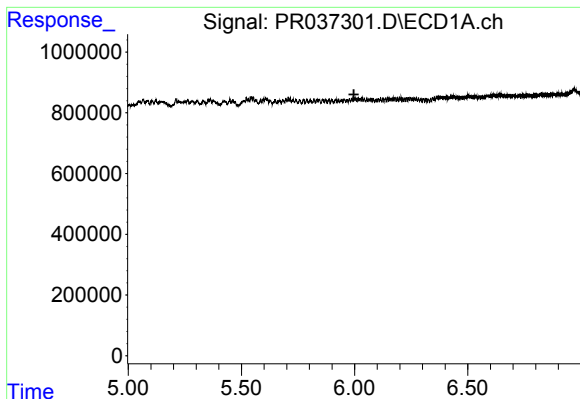
#22 AR-1248-2

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



#22 AR-1248-2

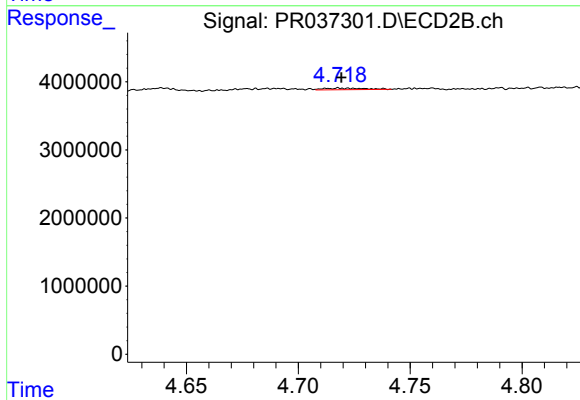
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 461030
Conc: 3.38 ng/ml



#23 AR-1248-3

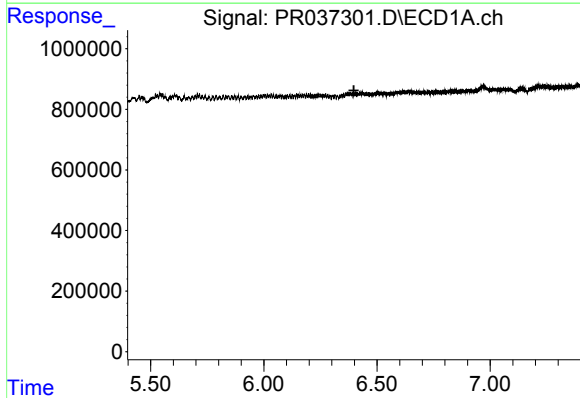
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

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



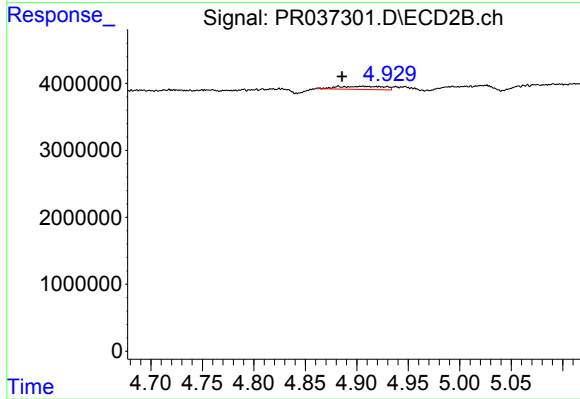
#23 AR-1248-3

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 275905
Conc: 1.97 ng/ml



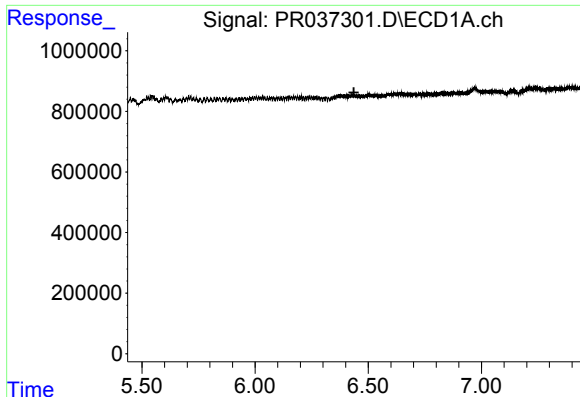
#24 AR-1248-4

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



#24 AR-1248-4

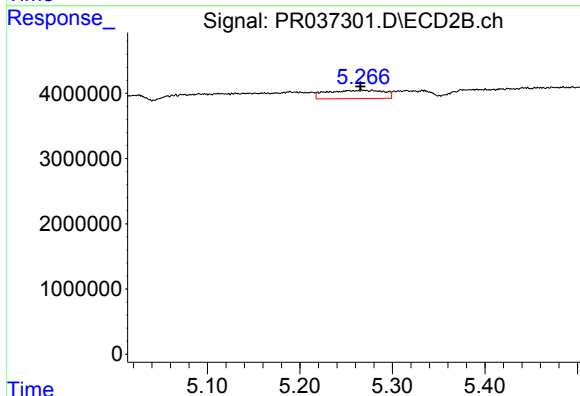
R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 1466404
Conc: 8.24 ng/ml



#25 AR-1248-5

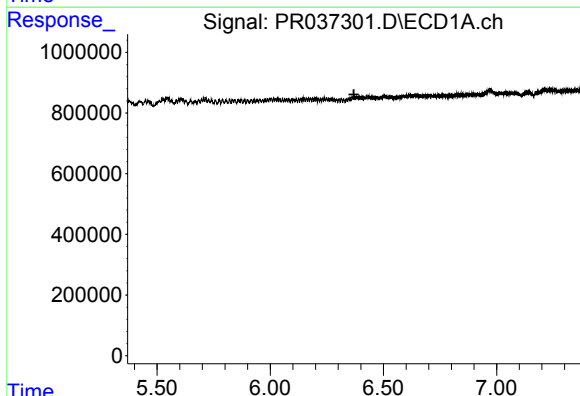
R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.

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



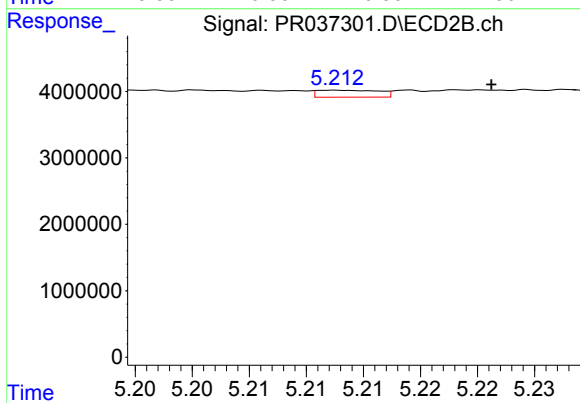
#25 AR-1248-5

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 5482694
Conc: 28.03 ng/ml



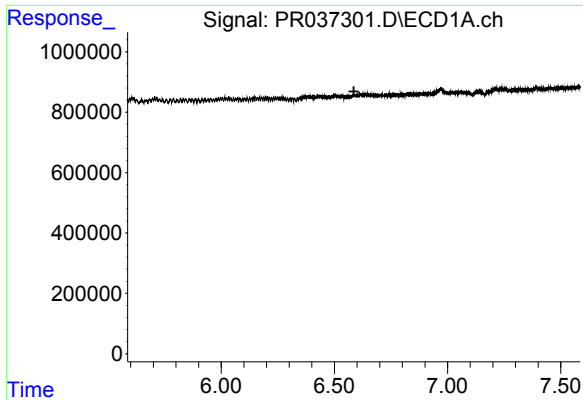
#26 AR-1254-1

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



#26 AR-1254-1

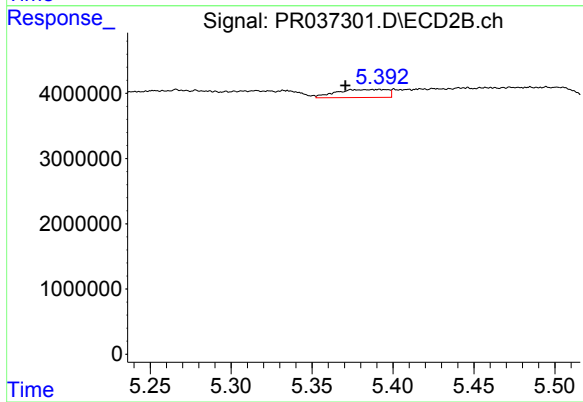
R.T.: 5.213 min
Delta R.T.: -0.014 min
Response: 396915
Conc: 1.15 ng/ml



#27 AR-1254-2

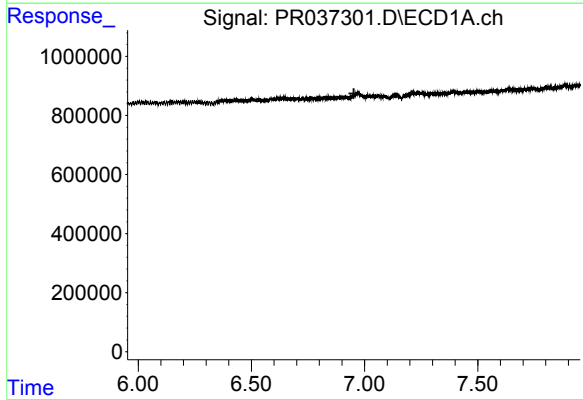
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

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



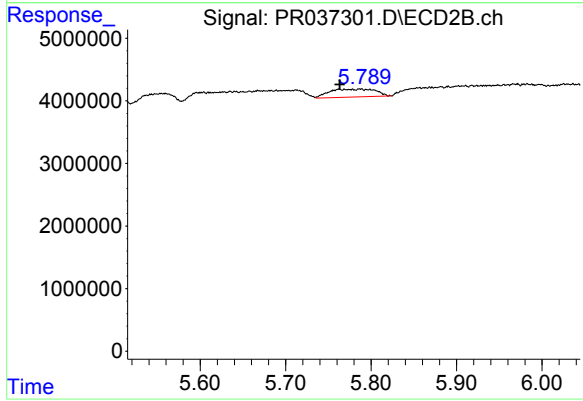
#27 AR-1254-2

R.T.: 5.392 min
Delta R.T.: 0.022 min
Response: 2698317
Conc: 9.01 ng/ml



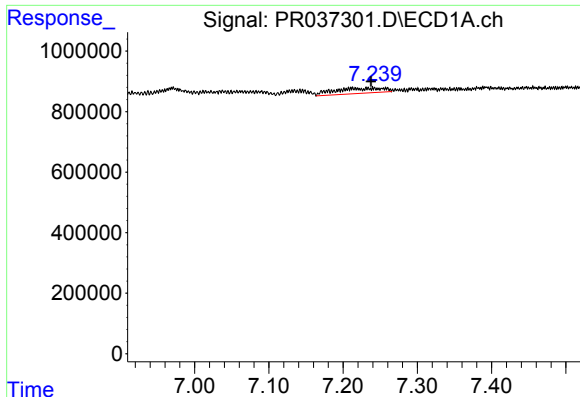
#28 AR-1254-3

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



#28 AR-1254-3

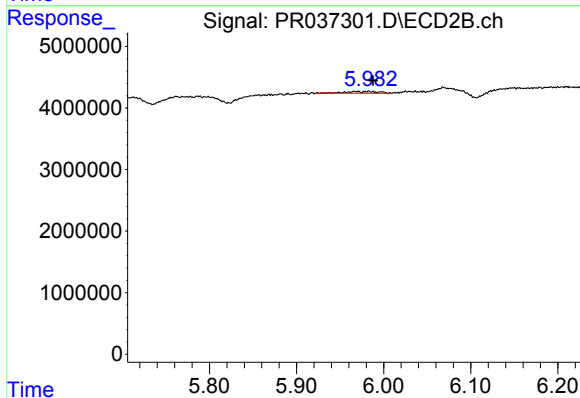
R.T.: 5.788 min
Delta R.T.: 0.024 min
Response: 4726838
Conc: 9.98 ng/ml



#29 AR-1254-4

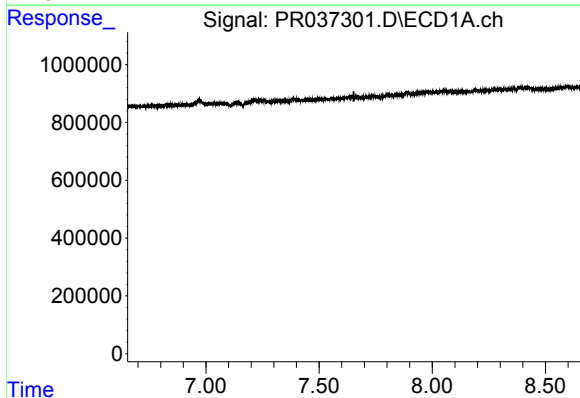
R.T.: 7.212 min
Delta R.T.: -0.025 min
Response: 788444
Conc: 11.77 ng/ml

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



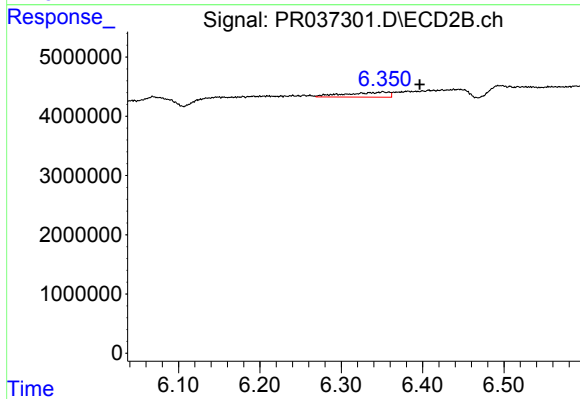
#29 AR-1254-4

R.T.: 5.982 min
Delta R.T.: -0.005 min
Response: 755048
Conc: 2.15 ng/ml



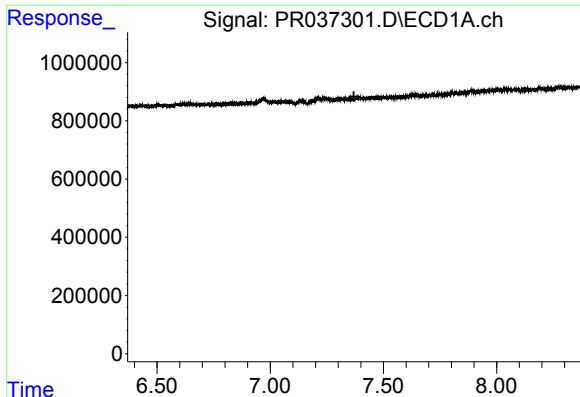
#30 AR-1254-5

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



#30 AR-1254-5

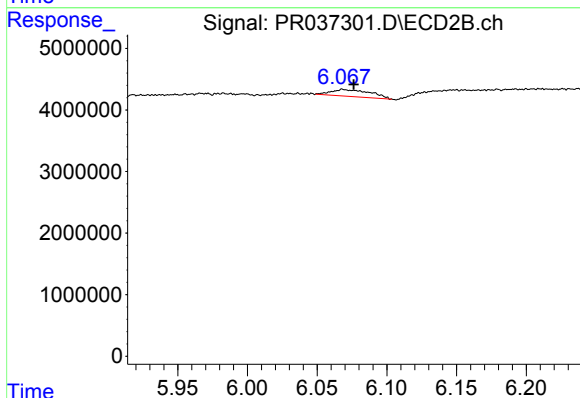
R.T.: 6.351 min
Delta R.T.: -0.045 min
Response: 3098964
Conc: 7.00 ng/ml



#32 AR-1260-2

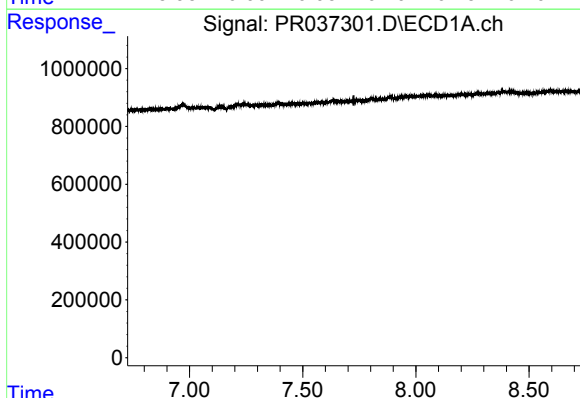
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.

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



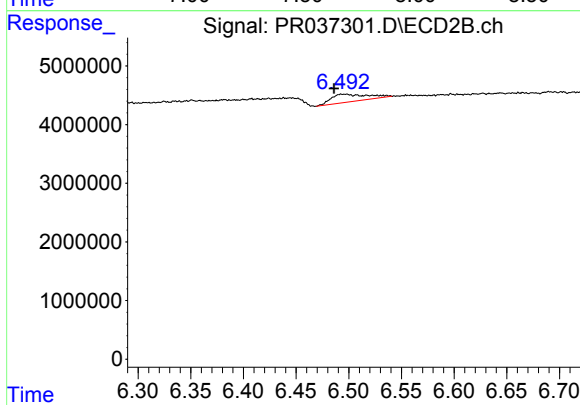
#32 AR-1260-2

R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 2086192
Conc: 4.53 ng/ml



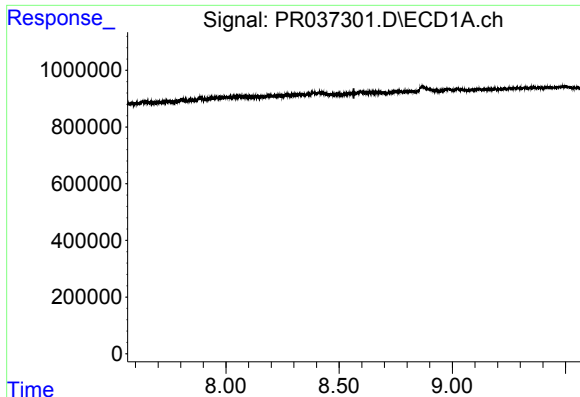
#36 AR-1262-1

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



#36 AR-1262-1

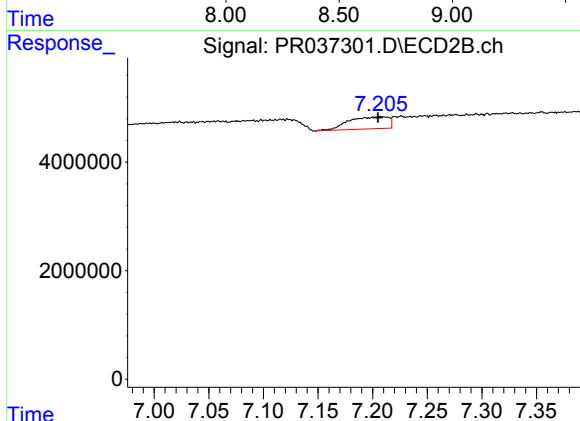
R.T.: 6.495 min
Delta R.T.: 0.009 min
Response: 3112904
Conc: 12.42 ng/ml



#38 AR-1262-3

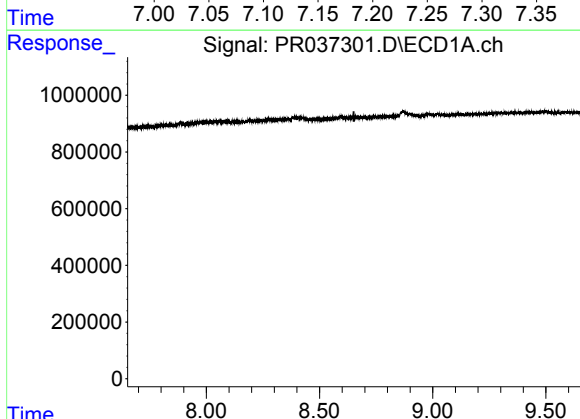
R.T.: 0.000 min
Exp R.T.: 8.565 min
Response: 0
Conc: N.D.

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



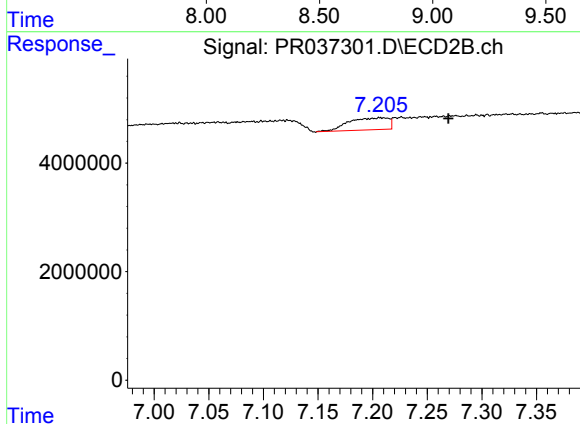
#38 AR-1262-3

R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 5610058
Conc: 10.23 ng/ml



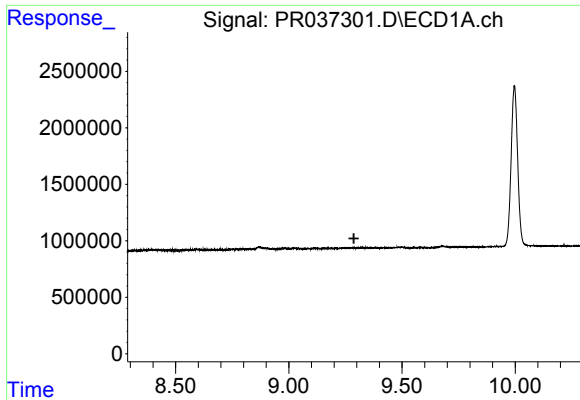
#39 AR-1262-4

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



#39 AR-1262-4

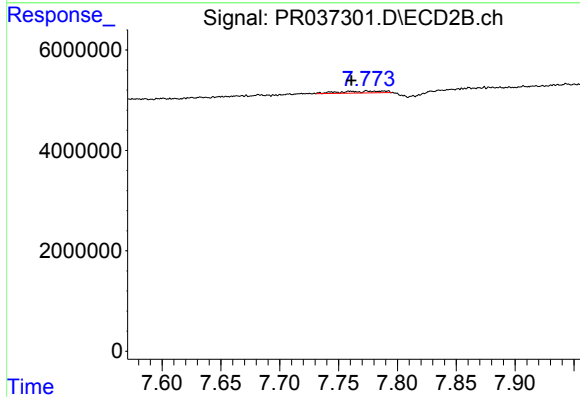
R.T.: 7.208 min
Delta R.T.: -0.061 min
Response: 5610058
Conc: 6.25 ng/ml



#40 AR-1262-5

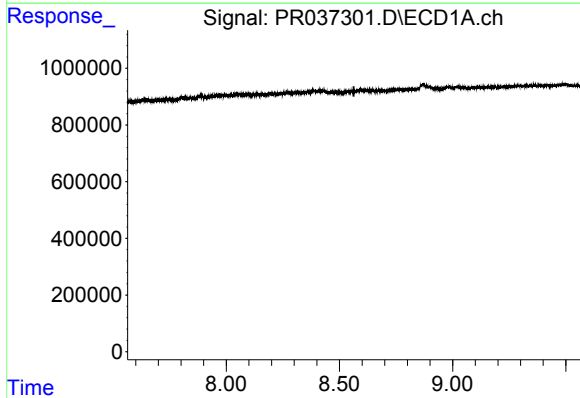
R.T.: 0.000 min
Exp R.T.: 9.287 min
Response: 0
Conc: N.D.

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



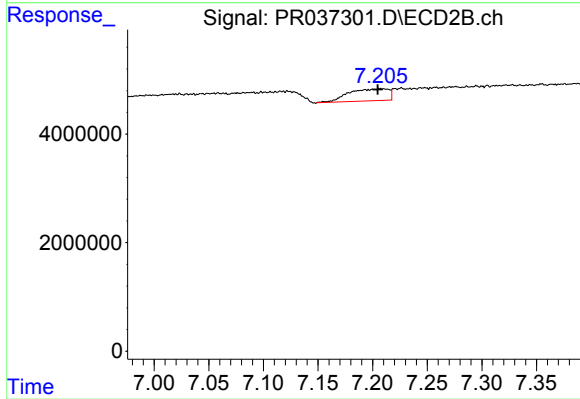
#40 AR-1262-5

R.T.: 7.788 min
Delta R.T.: 0.028 min
Response: 936813
Conc: 2.45 ng/ml



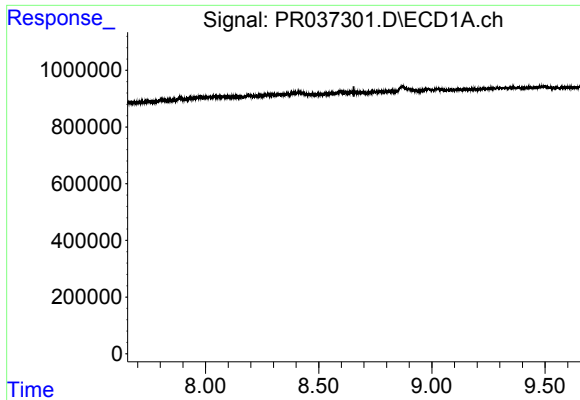
#41 AR-1268-1

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



#41 AR-1268-1

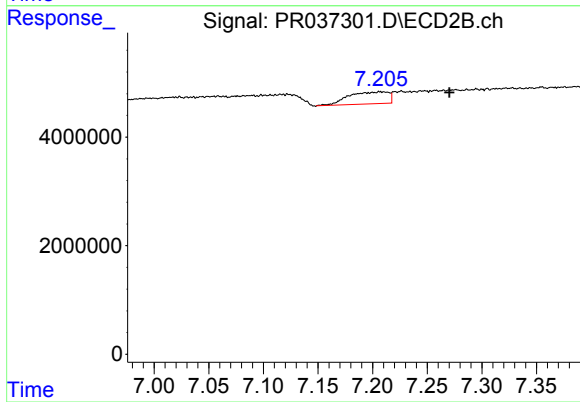
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 5610058
Conc: 4.56 ng/ml



#42 AR-1268-2

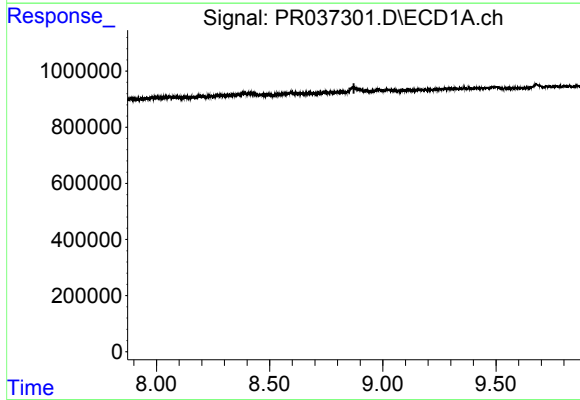
R.T.: 0.000 min
Exp R.T.: 8.655 min
Response: 0
Conc: N.D.

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



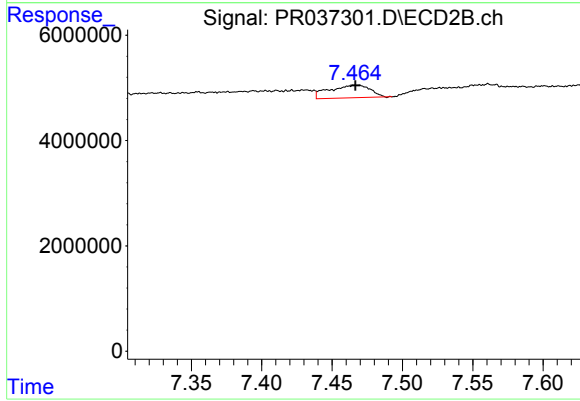
#42 AR-1268-2

R.T.: 7.208 min
Delta R.T.: -0.062 min
Response: 5610058
Conc: 5.30 ng/ml



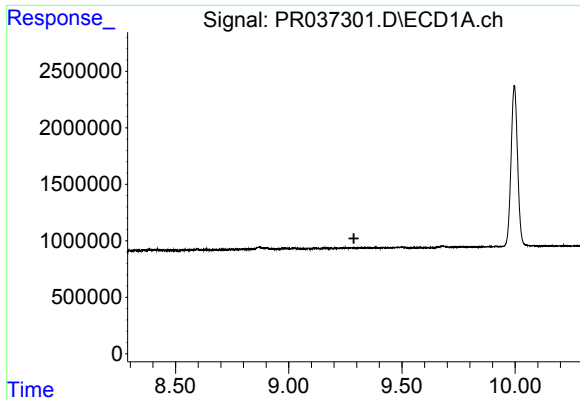
#43 AR-1268-3

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



#43 AR-1268-3

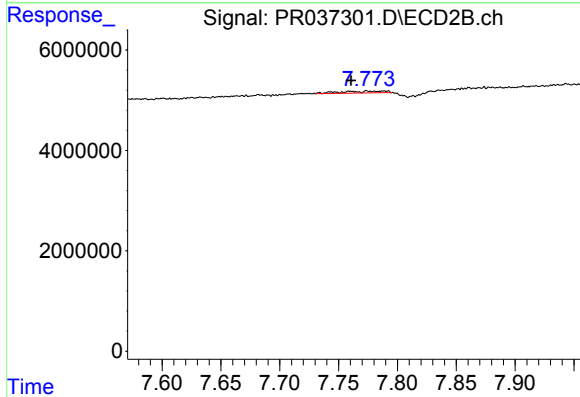
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 4867563
Conc: 5.49 ng/ml



#44 AR-1268-4

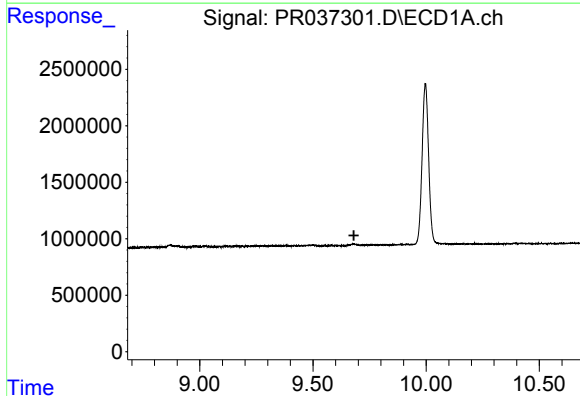
R.T.: 0.000 min
Exp R.T.: 9.288 min
Response: 0
Conc: N.D.

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



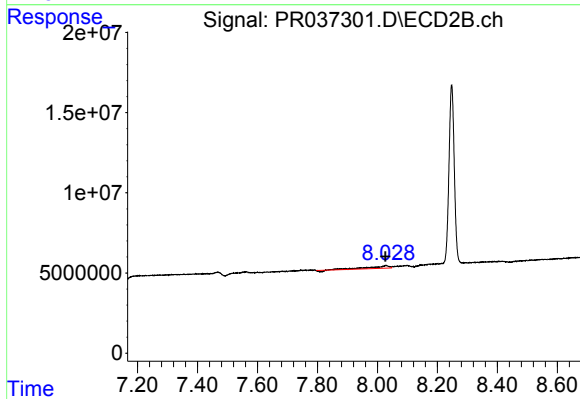
#44 AR-1268-4

R.T.: 7.788 min
Delta R.T.: 0.028 min
Response: 936813
Conc: 2.58 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.: 8.029 min
Delta R.T.: 0.001 min
Response: 7005887
Conc: 2.75 ng/ml