

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042519\
 Data File : PR037398.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2019 15:07
 Operator : SM\SJ
 Sample : K2241-09
 Misc : AR1221 MDL 25PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 00:40:50 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...	4.358	3.407	26375726	105.1E6	21.084	21.906
2)	SA Decachlor...	9.985	8.245	26751986	127.9E6	20.227	21.963
Target Compounds							
3)	L1 AR-1016-1	5.538	4.448	593558	491816	13.775	2.701 #
4)	L1 AR-1016-2	5.538	4.464	593558	1144012	8.572	4.055 #
5)	L1 AR-1016-3	5.538	4.674	593558	938415	14.718	6.527 #
6)	L1 AR-1016-4	0.000	4.674	0	938415	N.D.	8.482 #
7)	L1 AR-1016-5	0.000	4.881	0	829836	N.D.	5.459 #
8)	L2 AR-1221-1	4.567	3.614	870769	2715012	69.644	53.321
9)	L2 AR-1221-2	4.659	3.695	715079	2965278	79.067	79.850
10)	L2 AR-1221-3	4.730	3.768	1888705	6697785	61.623	54.699
11)	L3 AR-1232-1	4.730	3.768	1888705	6697785	64.569	57.250
12)	L3 AR-1232-2	0.000	4.464	0	1144012	N.D.	8.276 #
13)	L3 AR-1232-3	5.538	4.674	593558	938415	17.559	13.367
14)	L3 AR-1232-4	0.000	4.713	0	1224875	N.D.	20.527 #
15)	L3 AR-1232-5	0.000	4.881	0	829836	N.D.	12.160 #
16)	L4 AR-1242-1	5.538	4.448	593558	491816	17.348	3.356 #
17)	L4 AR-1242-2	5.538	4.464	593558	1144012	10.701	5.014 #
18)	L4 AR-1242-3	5.538	4.674	593558	938415	18.033	8.116 #
19)	L4 AR-1242-4	0.000	4.713	0	1224875	N.D.	11.144 #
20)	L4 AR-1242-5	6.424	5.248	26784	14479824	0.832	87.386 #
21)	L5 AR-1248-1	5.538	4.448	593558	491816	25.911	4.886 #
22)	L5 AR-1248-2	0.000	4.674	0	938415	N.D.	6.876 #
23)	L5 AR-1248-3	0.000	4.713	0	1224875	N.D.	8.751 #
24)	L5 AR-1248-4	6.393	4.881	240686	829836	4.917	4.663
25)	L5 AR-1248-5	6.424	5.248	26784	14479824	0.567	74.023 #
26)	L6 AR-1254-1	6.369	5.248	1461613	14479824	26.754	42.035 #
27)	L6 AR-1254-2	0.000	5.372	0	3878906	N.D.	12.951 #
28)	L6 AR-1254-3	6.965	5.780	1245434	4497368	13.692	9.496 #
29)	L6 AR-1254-4	7.231	5.996	112618	94612	1.681	0.270 #
30)	L6 AR-1254-5	0.000	6.398	0	453694	N.D.	1.025 #
31)	L7 AR-1260-1	0.000	5.890	0	88194	N.D.	0.302 #
32)	L7 AR-1260-2	0.000	6.067	0	4181371	N.D.	9.078 #
33)	L7 AR-1260-3	0.000	6.236	0	616254	N.D.	1.729 #
34)	L7 AR-1260-4	0.000	6.687	0	187767	N.D.	0.616 #
35)	L7 AR-1260-5	0.000	6.948	0	667096	N.D.	0.769 #
36)	L8 AR-1262-1	0.000	6.495	0	1890374	N.D.	7.543 #
37)	L8 AR-1262-2	0.000	6.948	0	667096	N.D.	0.531 #
39)	L8 AR-1262-4	0.000	7.284	0	7615261	N.D.	8.484 #
42)	L9 AR-1268-2	0.000	7.284	0	7615261	N.D.	7.192 #
43)	L9 AR-1268-3	0.000	7.465	0	11417384	N.D.	12.883 #

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:40:50 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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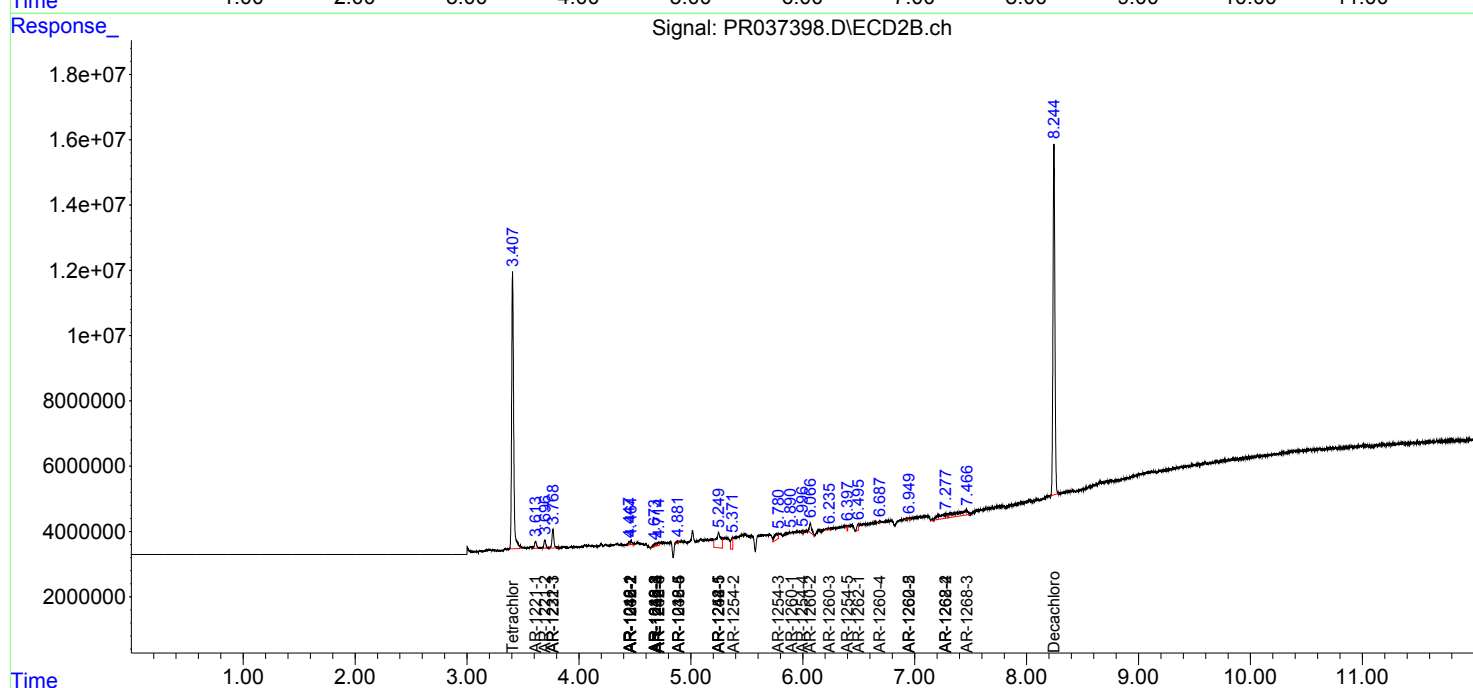
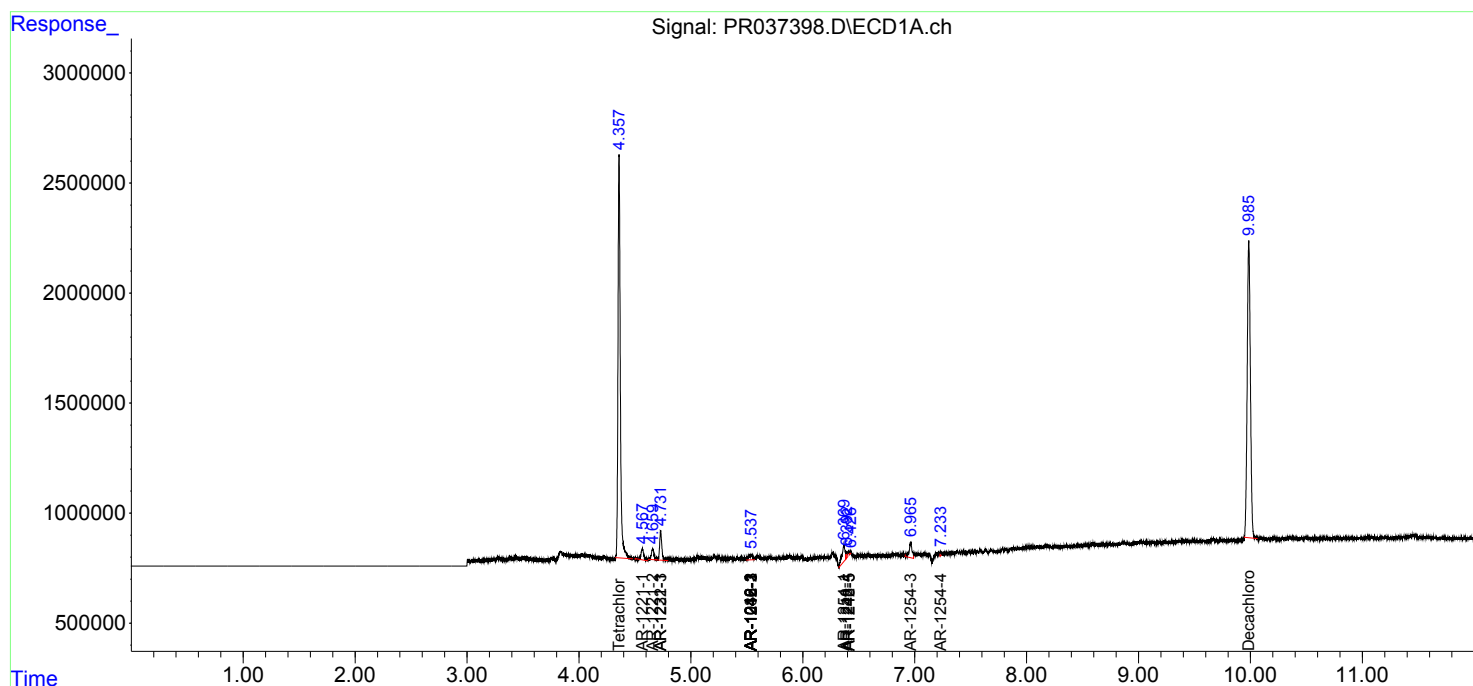
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

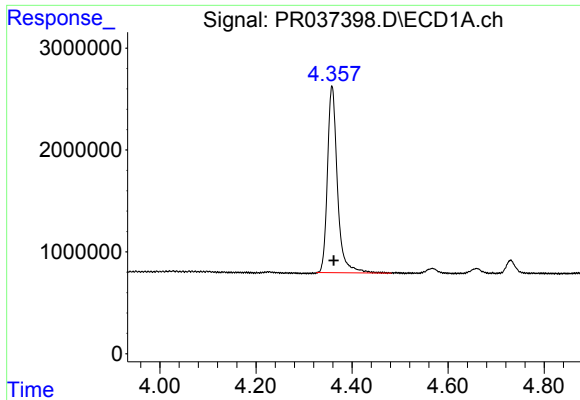
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042519\
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Acq On : 25 Apr 2019 15:07
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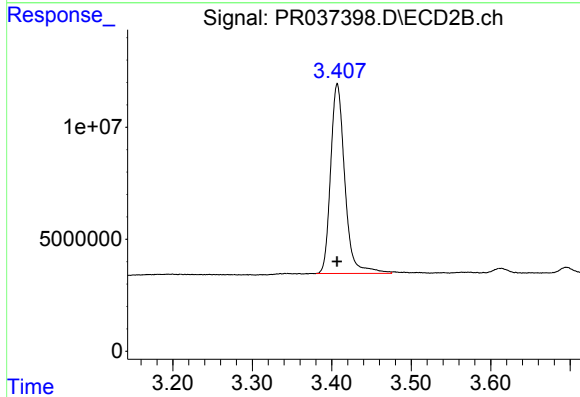




#1 Tetrachloro-m-xylene

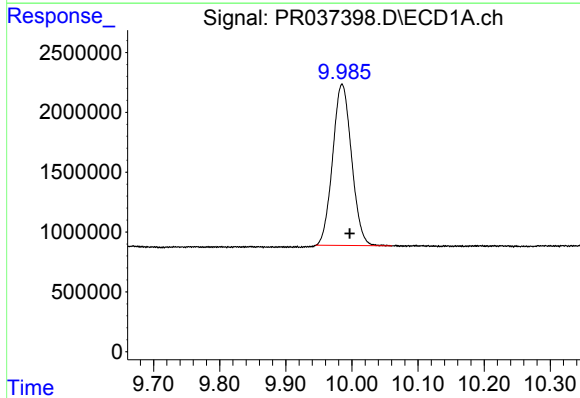
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 26375726
Conc: 21.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



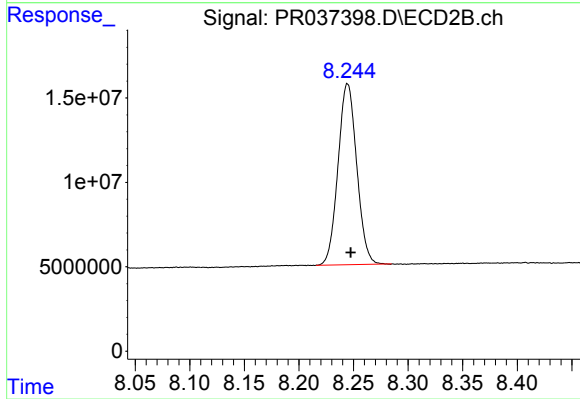
#1 Tetrachloro-m-xylene

R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 105050779
Conc: 21.91 ng/ml



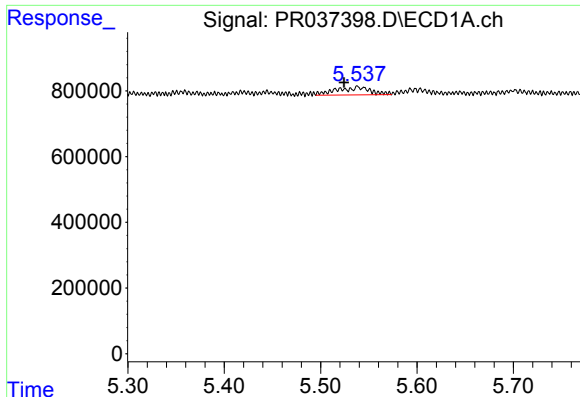
#2 Decachlorobiphenyl

R.T.: 9.985 min
Delta R.T.: -0.012 min
Response: 26751986
Conc: 20.23 ng/ml



#2 Decachlorobiphenyl

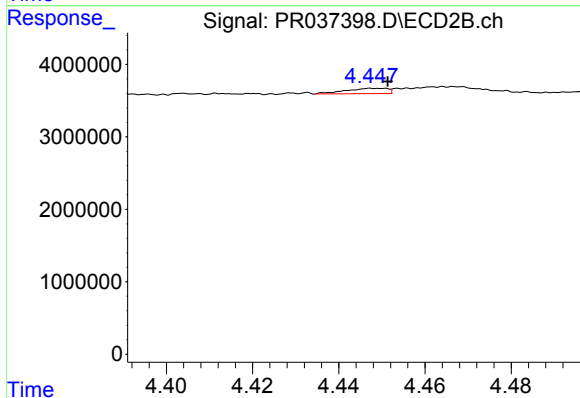
R.T.: 8.245 min
Delta R.T.: -0.003 min
Response: 127917275
Conc: 21.96 ng/ml



#3 AR-1016-1

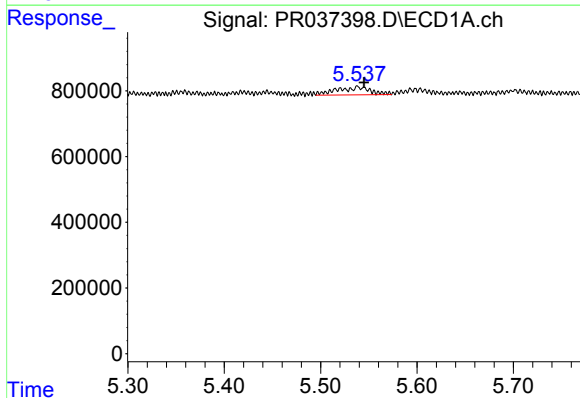
R.T.: 5.538 min
Delta R.T.: 0.014 min
Response: 593558
Conc: 13.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



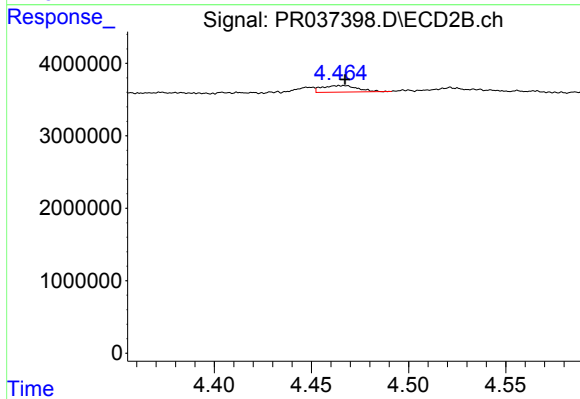
#3 AR-1016-1

R.T.: 4.448 min
Delta R.T.: -0.004 min
Response: 491816
Conc: 2.70 ng/ml



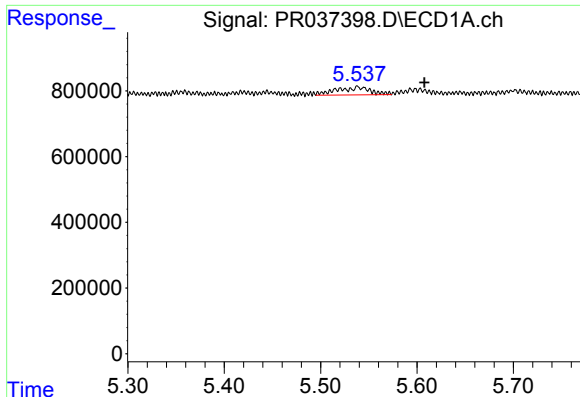
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: -0.007 min
Response: 593558
Conc: 8.57 ng/ml



#4 AR-1016-2

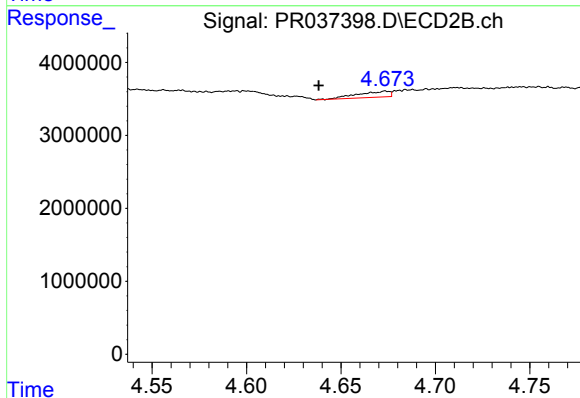
R.T.: 4.464 min
Delta R.T.: -0.003 min
Response: 1144012
Conc: 4.06 ng/ml



#5 AR-1016-3

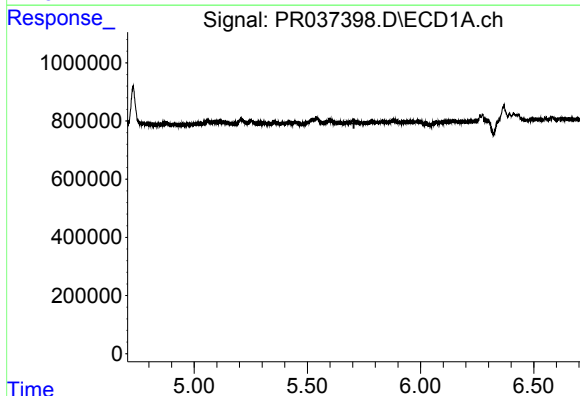
R.T.: 5.538 min
Delta R.T.: -0.069 min
Response: 593558
Conc: 14.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



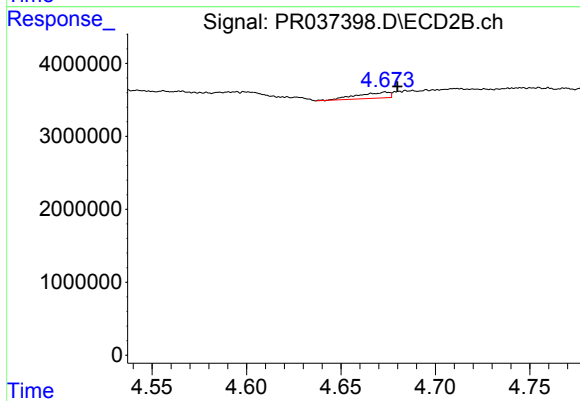
#5 AR-1016-3

R.T.: 4.674 min
Delta R.T.: 0.035 min
Response: 938415
Conc: 6.53 ng/ml



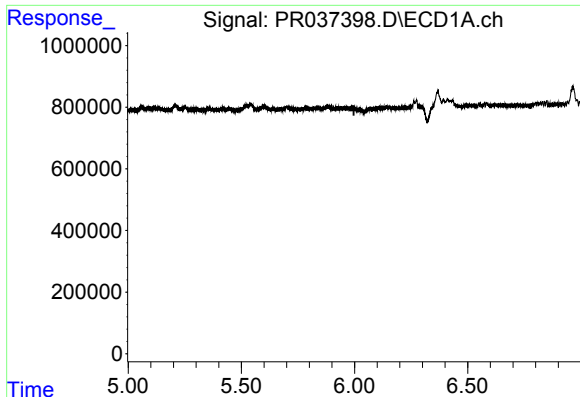
#6 AR-1016-4

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



#6 AR-1016-4

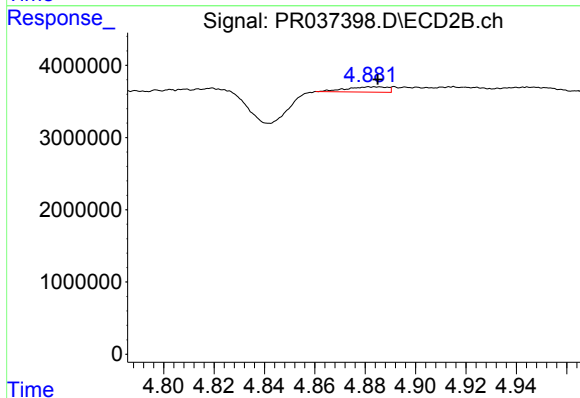
R.T.: 4.674 min
Delta R.T.: -0.006 min
Response: 938415
Conc: 8.48 ng/ml



#7 AR-1016-5

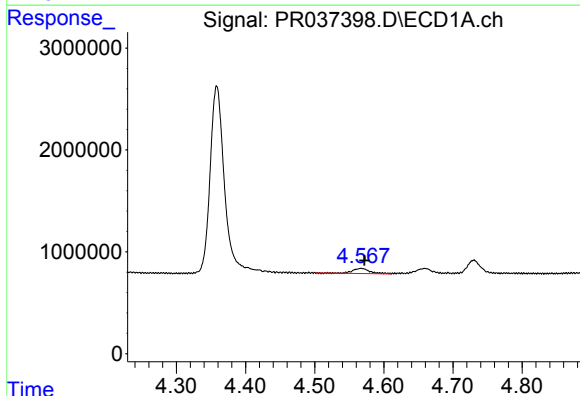
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



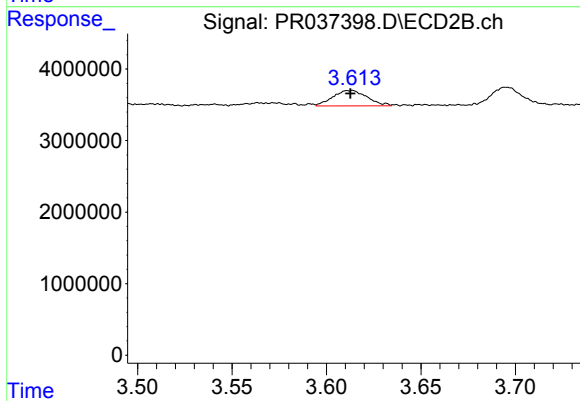
#7 AR-1016-5

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 829836
Conc: 5.46 ng/ml



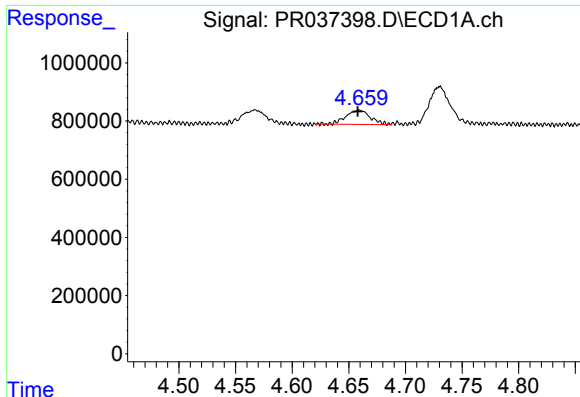
#8 AR-1221-1

R.T.: 4.567 min
Delta R.T.: -0.005 min
Response: 870769
Conc: 69.64 ng/ml



#8 AR-1221-1

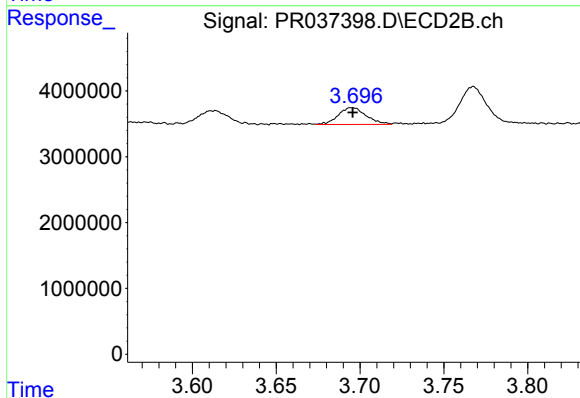
R.T.: 3.614 min
Delta R.T.: 0.001 min
Response: 2715012
Conc: 53.32 ng/ml



#9 AR-1221-2

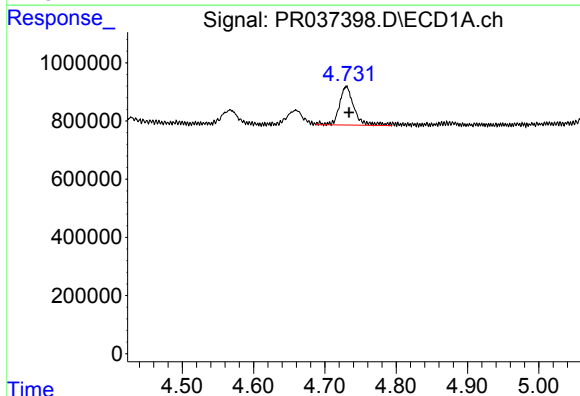
R.T.: 4.659 min
Delta R.T.: 0.001 min
Response: 715079
Conc: 79.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



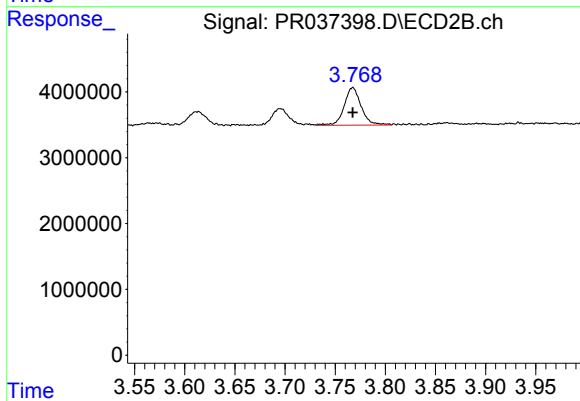
#9 AR-1221-2

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 2965278
Conc: 79.85 ng/ml



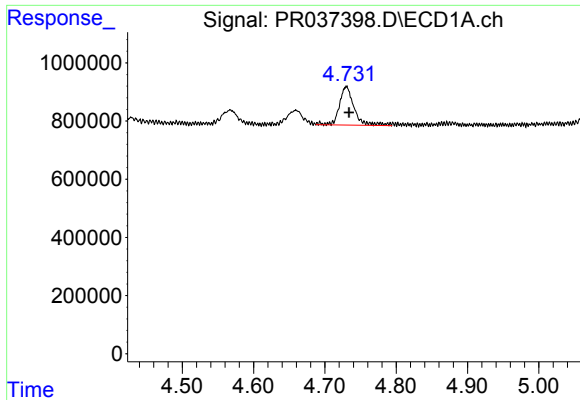
#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: -0.004 min
Response: 1888705
Conc: 61.62 ng/ml



#10 AR-1221-3

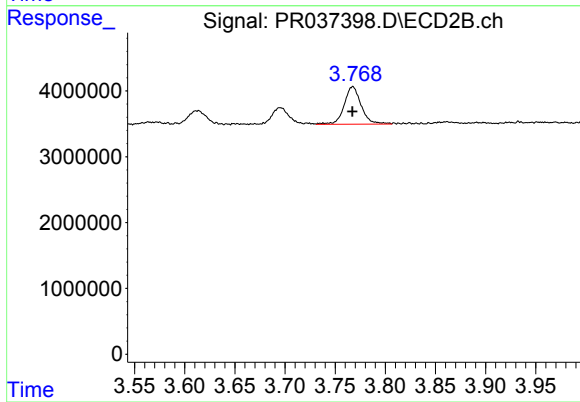
R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 6697785
Conc: 54.70 ng/ml



#11 AR-1232-1

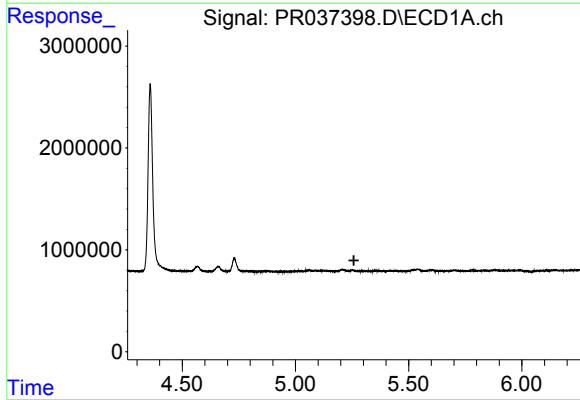
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 1888705
Conc: 64.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



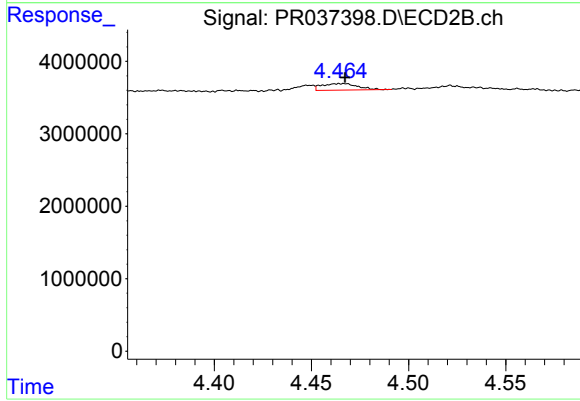
#11 AR-1232-1

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 6697785
Conc: 57.25 ng/ml



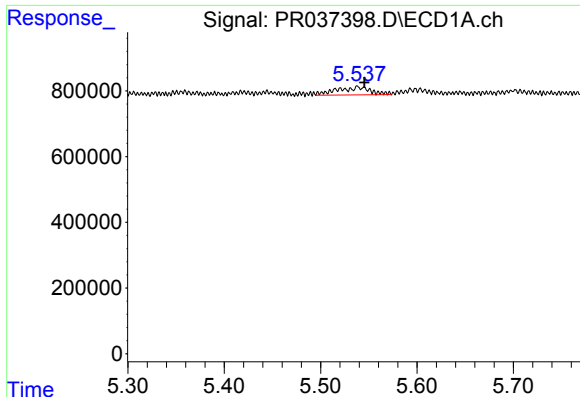
#12 AR-1232-2

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



#12 AR-1232-2

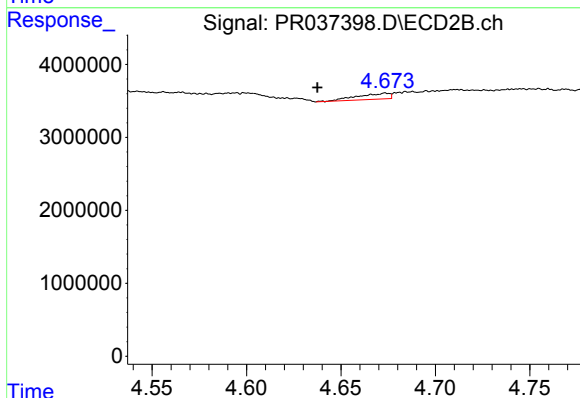
R.T.: 4.464 min
Delta R.T.: -0.003 min
Response: 1144012
Conc: 8.28 ng/ml



#13 AR-1232-3

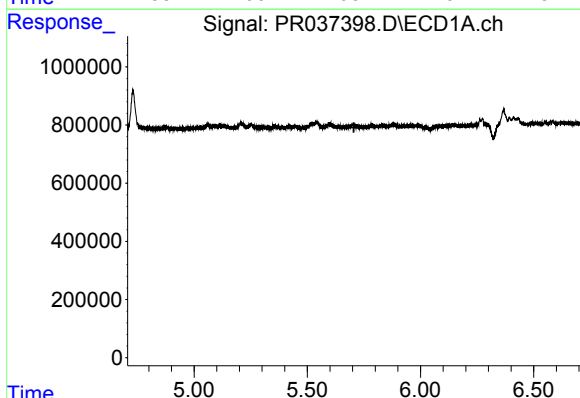
R.T.: 5.538 min
Delta R.T.: -0.007 min
Response: 593558
Conc: 17.56 ng/ml

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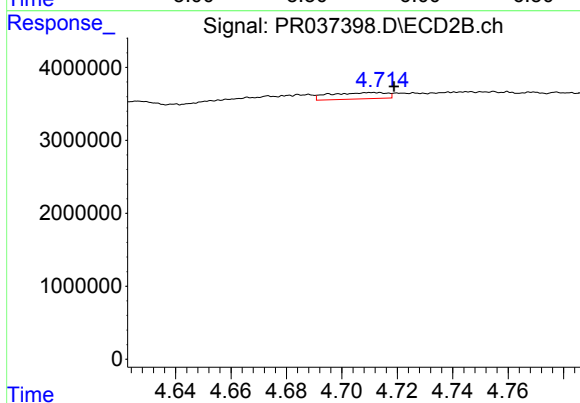
#13 AR-1232-3

R.T.: 4.674 min
Delta R.T.: 0.036 min
Response: 938415
Conc: 13.37 ng/ml



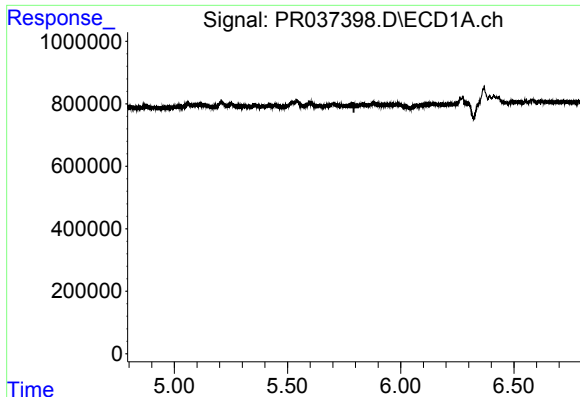
#14 AR-1232-4

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



#14 AR-1232-4

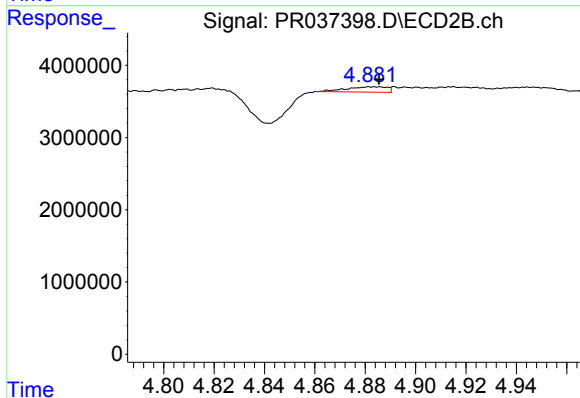
R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 1224875
Conc: 20.53 ng/ml



#15 AR-1232-5

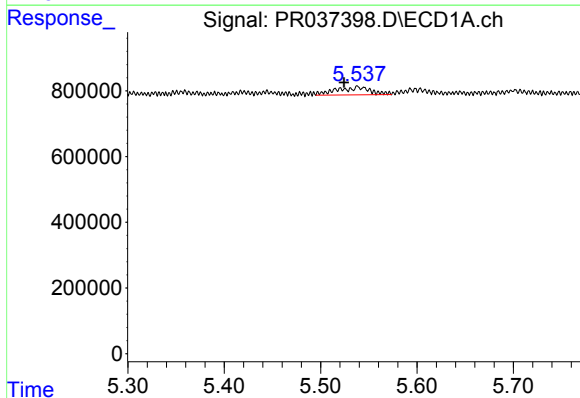
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



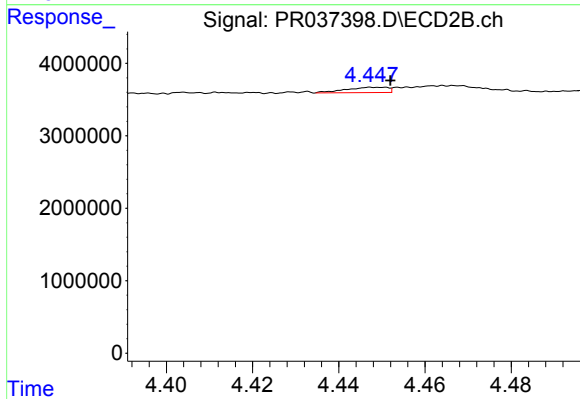
#15 AR-1232-5

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 829836
Conc: 12.16 ng/ml



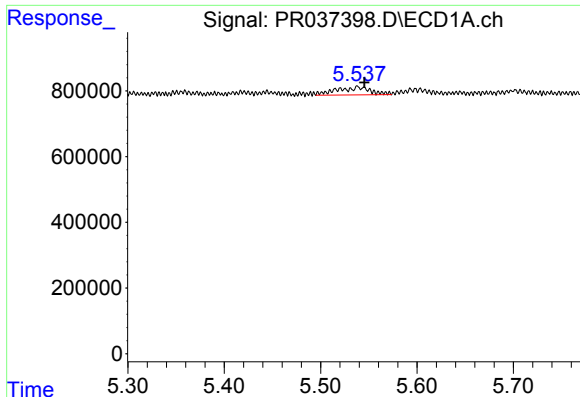
#16 AR-1242-1

R.T.: 5.538 min
Delta R.T.: 0.014 min
Response: 593558
Conc: 17.35 ng/ml



#16 AR-1242-1

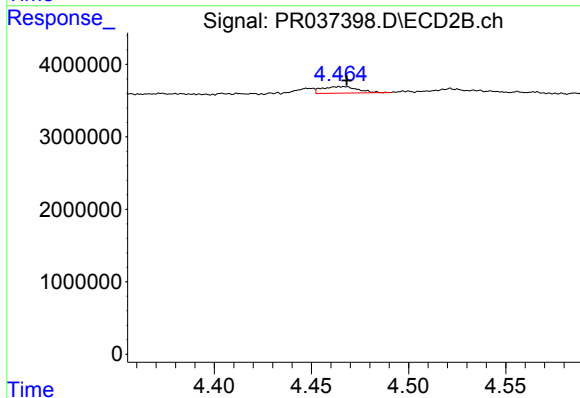
R.T.: 4.448 min
Delta R.T.: -0.004 min
Response: 491816
Conc: 3.36 ng/ml



#17 AR-1242-2

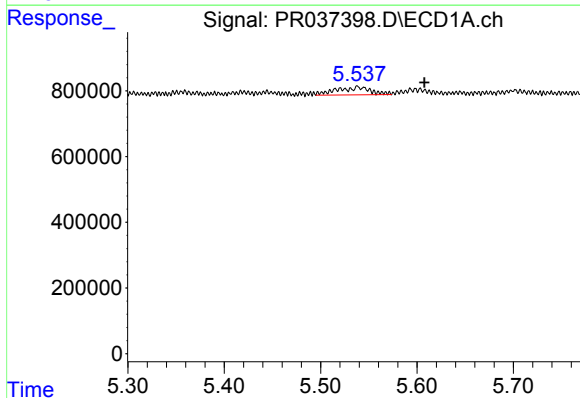
R.T.: 5.538 min
Delta R.T.: -0.007 min
Response: 593558
Conc: 10.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



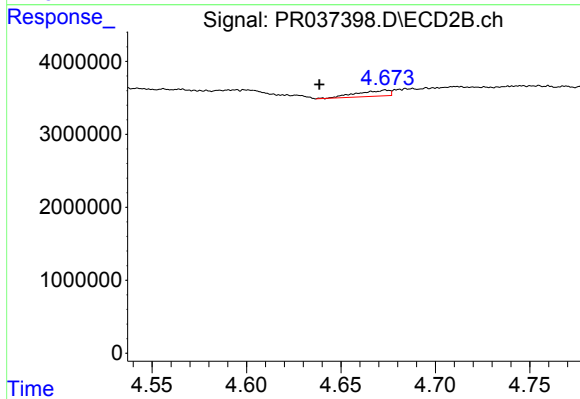
#17 AR-1242-2

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 1144012
Conc: 5.01 ng/ml



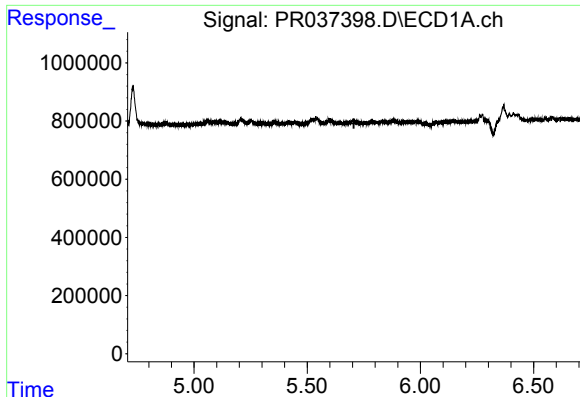
#18 AR-1242-3

R.T.: 5.538 min
Delta R.T.: -0.069 min
Response: 593558
Conc: 18.03 ng/ml



#18 AR-1242-3

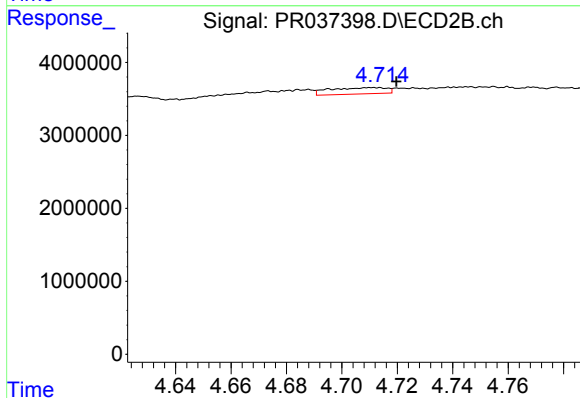
R.T.: 4.674 min
Delta R.T.: 0.035 min
Response: 938415
Conc: 8.12 ng/ml



#19 AR-1242-4

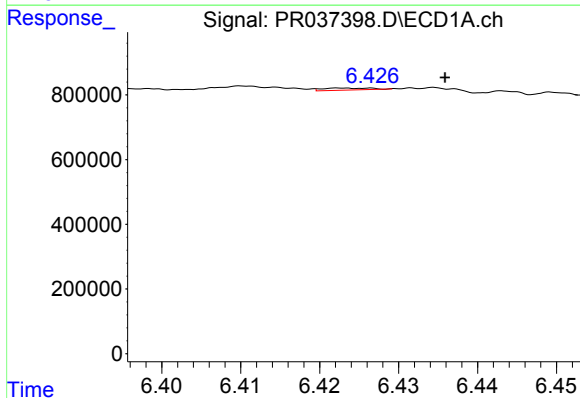
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



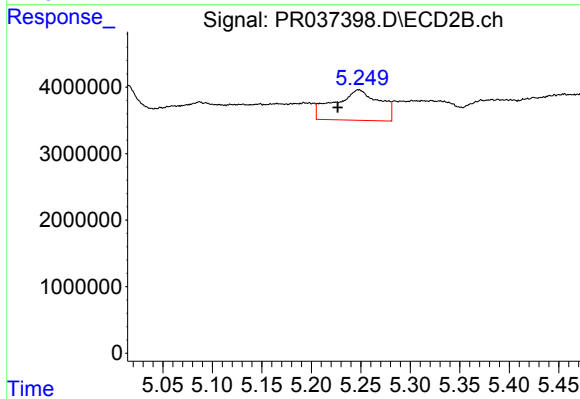
#19 AR-1242-4

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 1224875
Conc: 11.14 ng/ml



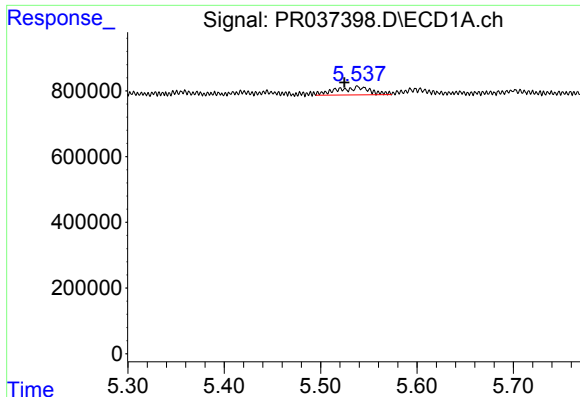
#20 AR-1242-5

R.T.: 6.424 min
Delta R.T.: -0.012 min
Response: 26784
Conc: 0.83 ng/ml



#20 AR-1242-5

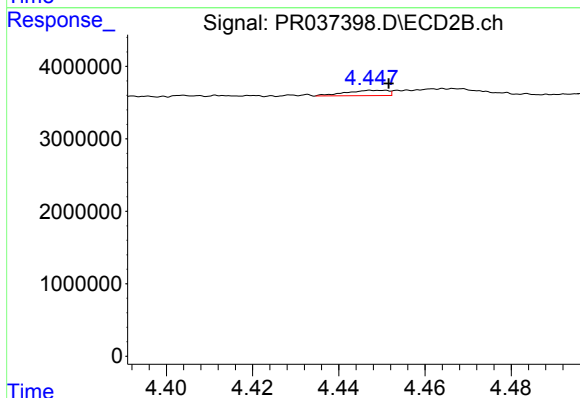
R.T.: 5.248 min
Delta R.T.: 0.021 min
Response: 14479824
Conc: 87.39 ng/ml



#21 AR-1248-1

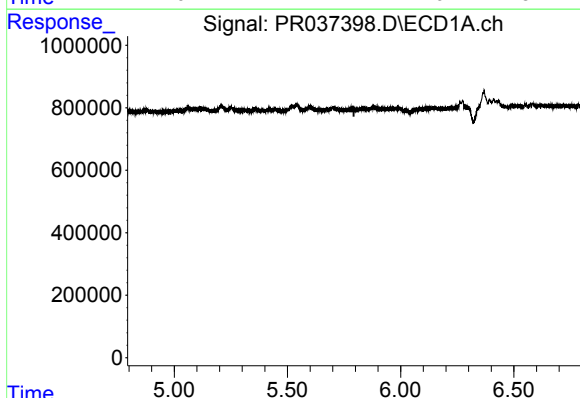
R.T.: 5.538 min
Delta R.T.: 0.014 min
Response: 593558
Conc: 25.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



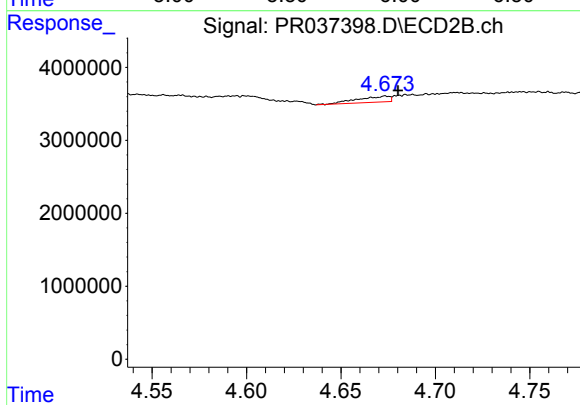
#21 AR-1248-1

R.T.: 4.448 min
Delta R.T.: -0.004 min
Response: 491816
Conc: 4.89 ng/ml



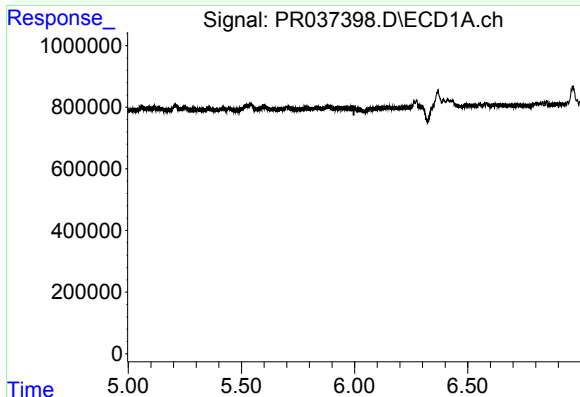
#22 AR-1248-2

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



#22 AR-1248-2

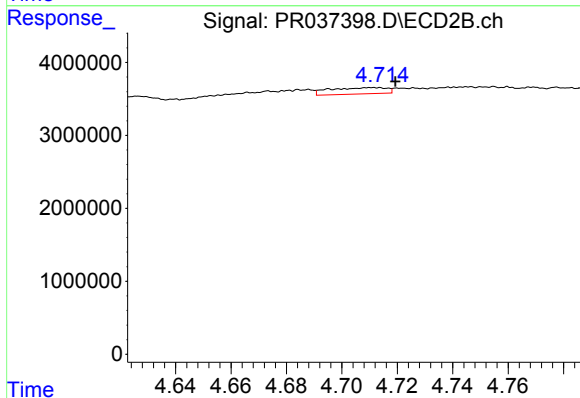
R.T.: 4.674 min
Delta R.T.: -0.007 min
Response: 938415
Conc: 6.88 ng/ml



#23 AR-1248-3

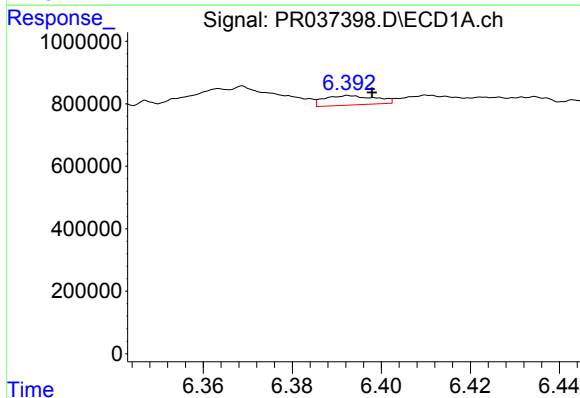
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



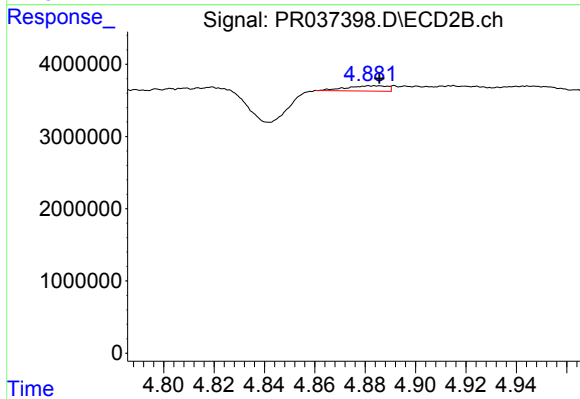
#23 AR-1248-3

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 1224875
Conc: 8.75 ng/ml



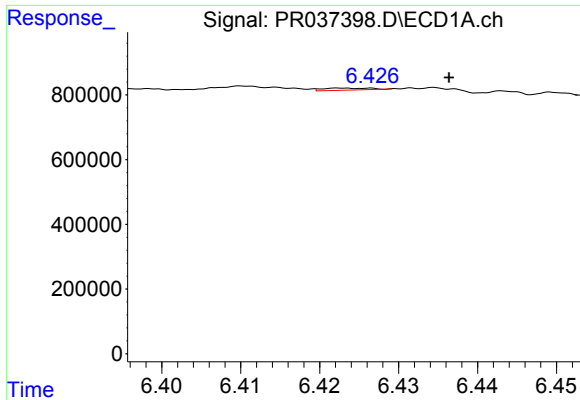
#24 AR-1248-4

R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 240686
Conc: 4.92 ng/ml



#24 AR-1248-4

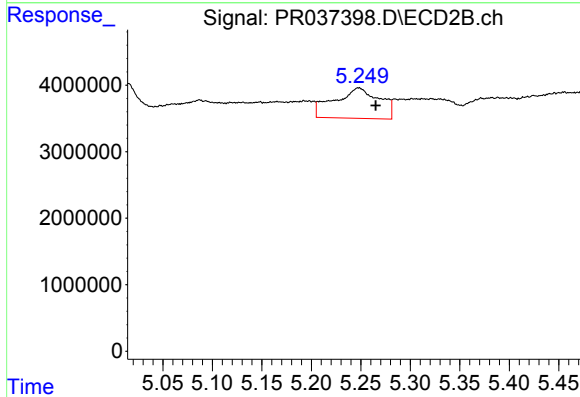
R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 829836
Conc: 4.66 ng/ml



#25 AR-1248-5

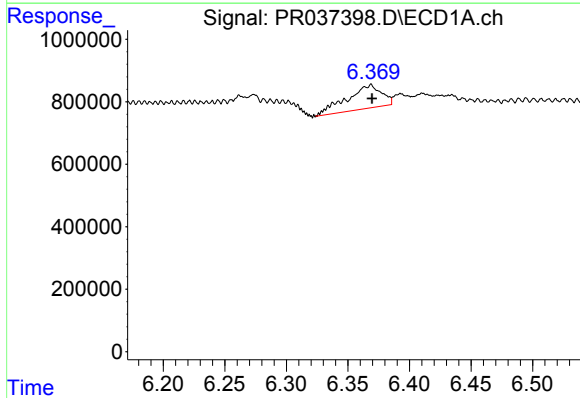
R.T.: 6.424 min
Delta R.T.: -0.012 min
Response: 26784
Conc: 0.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



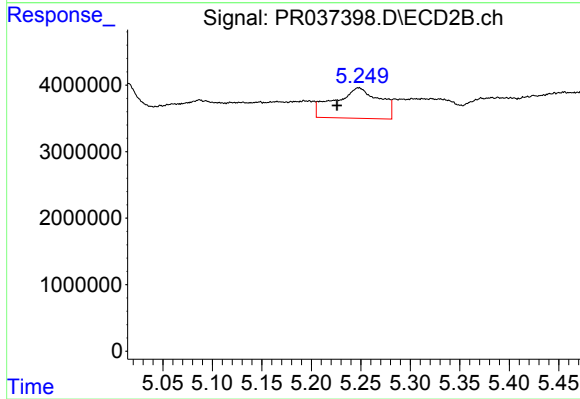
#25 AR-1248-5

R.T.: 5.248 min
Delta R.T.: -0.017 min
Response: 14479824
Conc: 74.02 ng/ml



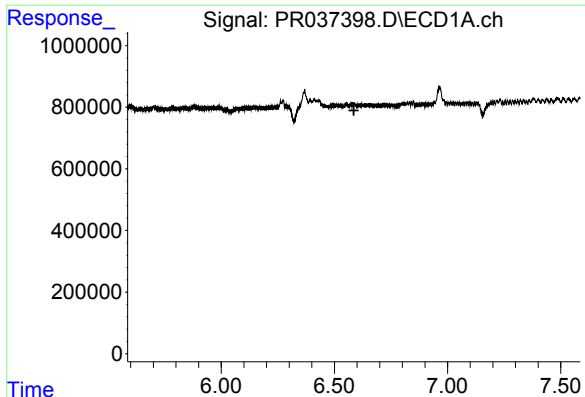
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 1461613
Conc: 26.75 ng/ml



#26 AR-1254-1

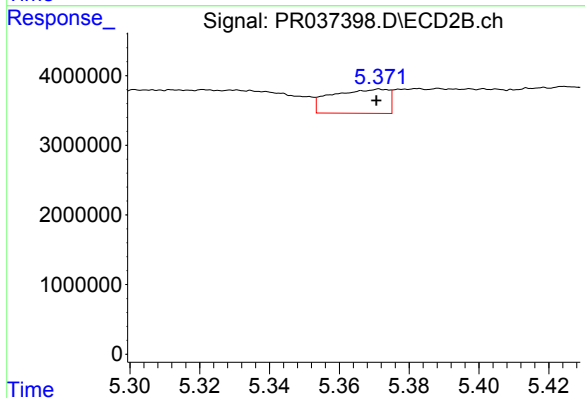
R.T.: 5.248 min
Delta R.T.: 0.022 min
Response: 14479824
Conc: 42.03 ng/ml



#27 AR-1254-2

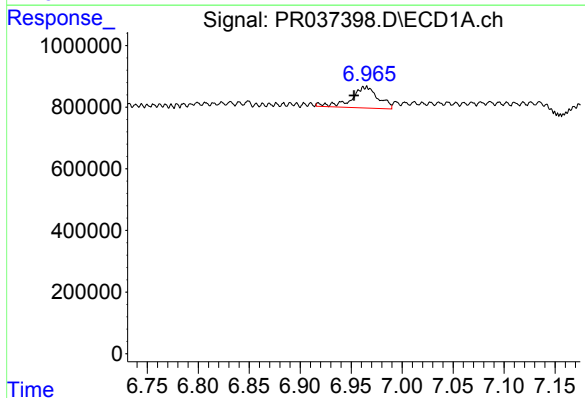
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



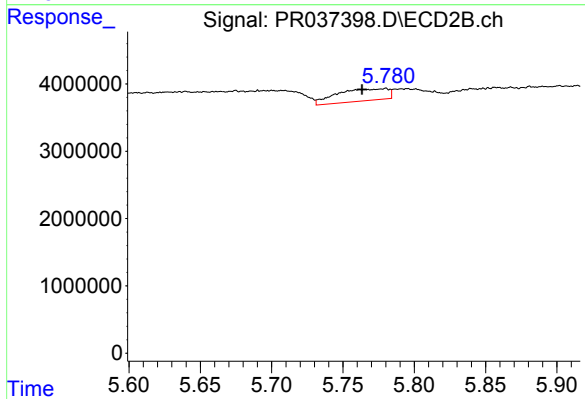
#27 AR-1254-2

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 3878906
Conc: 12.95 ng/ml



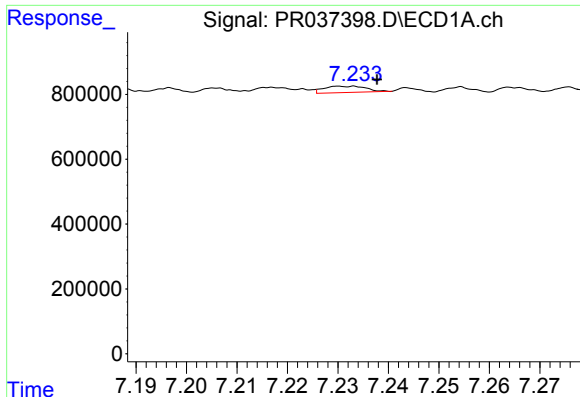
#28 AR-1254-3

R.T.: 6.965 min
Delta R.T.: 0.012 min
Response: 1245434
Conc: 13.69 ng/ml



#28 AR-1254-3

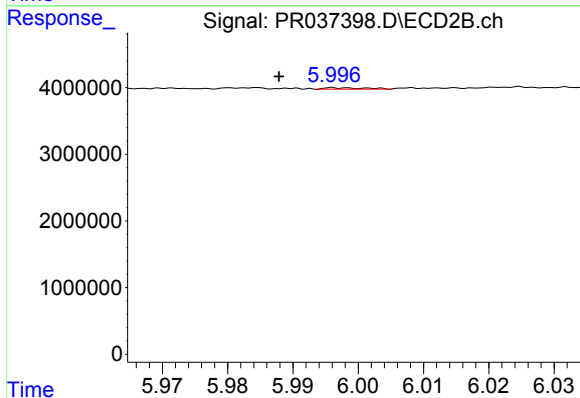
R.T.: 5.780 min
Delta R.T.: 0.017 min
Response: 4497368
Conc: 9.50 ng/ml



#29 AR-1254-4

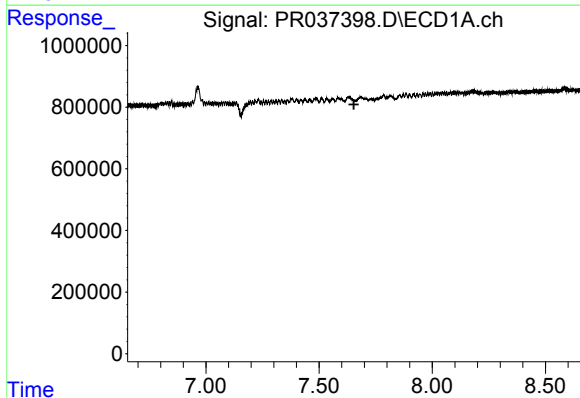
R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 112618
Conc: 1.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



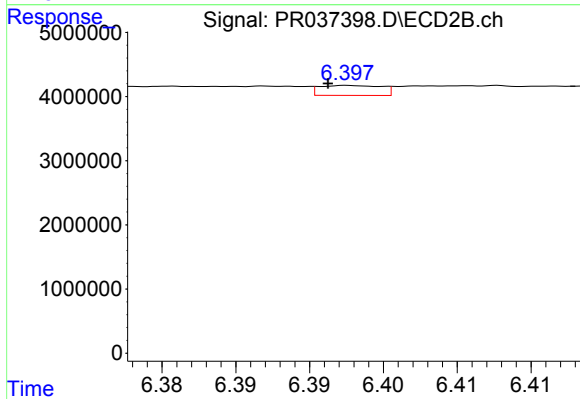
#29 AR-1254-4

R.T.: 5.996 min
Delta R.T.: 0.008 min
Response: 94612
Conc: 0.27 ng/ml



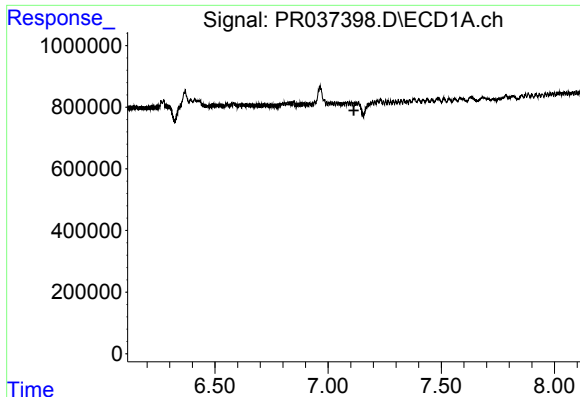
#30 AR-1254-5

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



#30 AR-1254-5

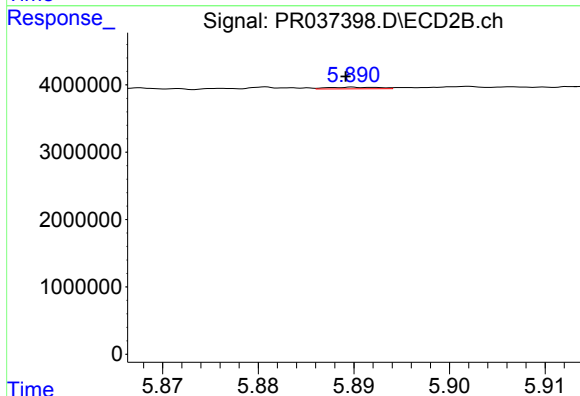
R.T.: 6.398 min
Delta R.T.: 0.002 min
Response: 453694
Conc: 1.02 ng/ml



#31 AR-1260-1

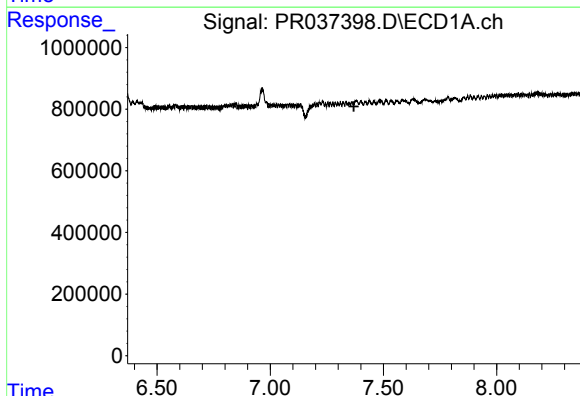
R.T.: 0.000 min
Exp R.T.: 7.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



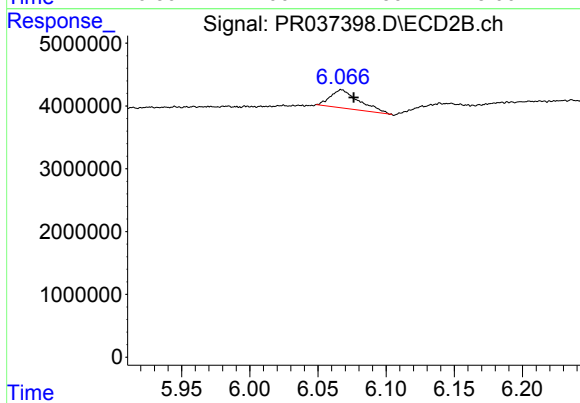
#31 AR-1260-1

R.T.: 5.890 min
Delta R.T.: 0.001 min
Response: 88194
Conc: 0.30 ng/ml



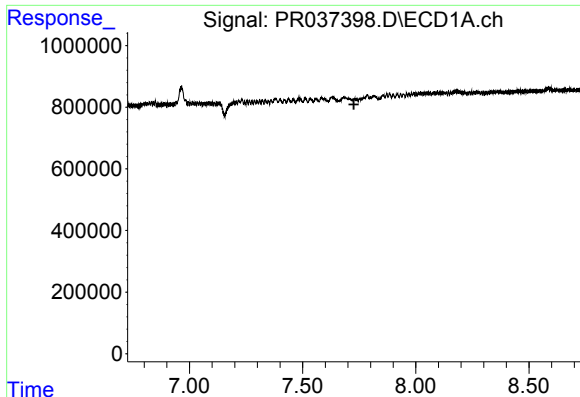
#32 AR-1260-2

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



#32 AR-1260-2

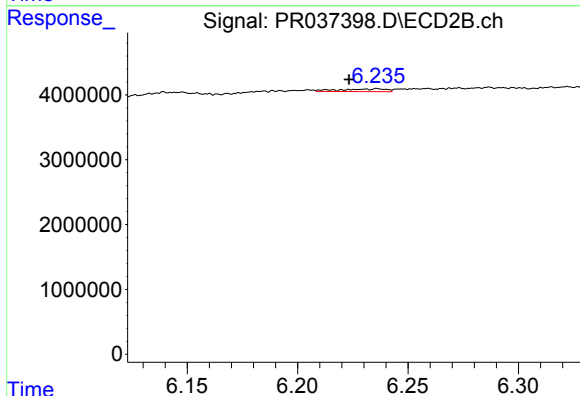
R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 4181371
Conc: 9.08 ng/ml



#33 AR-1260-3

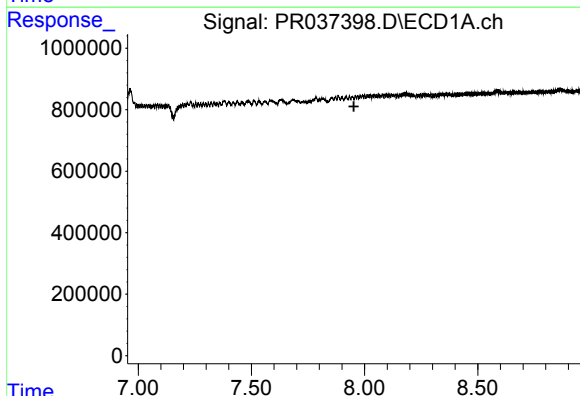
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



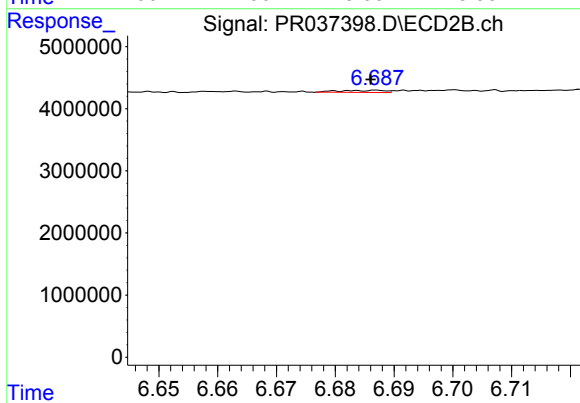
#33 AR-1260-3

R.T.: 6.236 min
Delta R.T.: 0.013 min
Response: 616254
Conc: 1.73 ng/ml



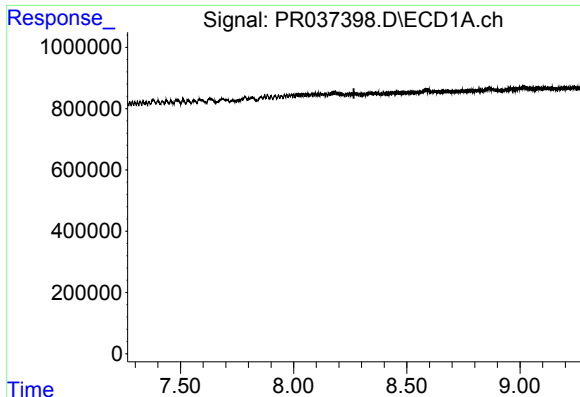
#34 AR-1260-4

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



#34 AR-1260-4

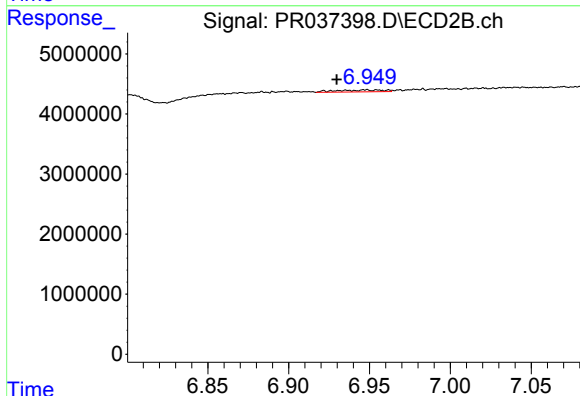
R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 187767
Conc: 0.62 ng/ml



#35 AR-1260-5

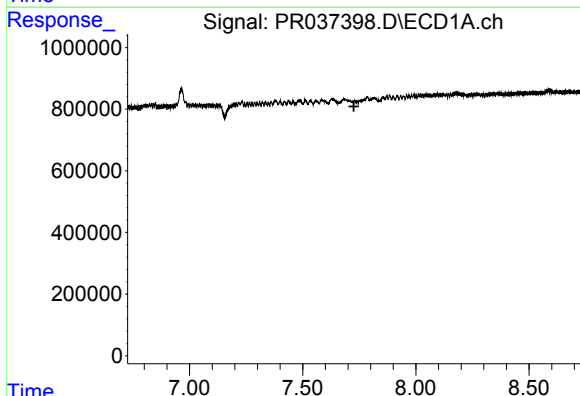
R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



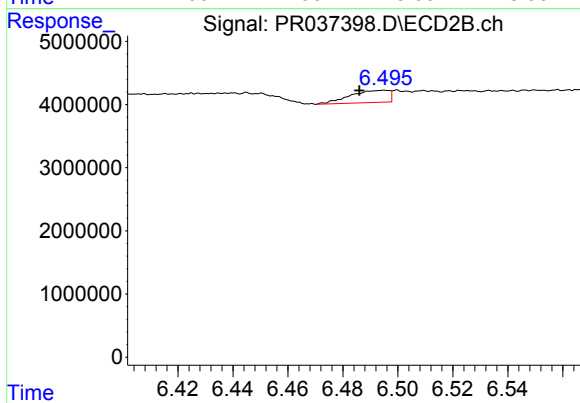
#35 AR-1260-5

R.T.: 6.948 min
Delta R.T.: 0.018 min
Response: 667096
Conc: 0.77 ng/ml



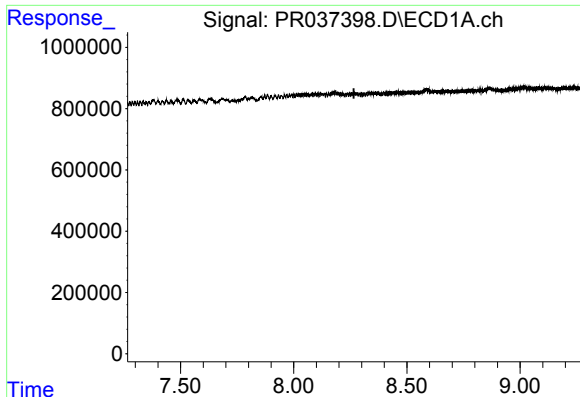
#36 AR-1262-1

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



#36 AR-1262-1

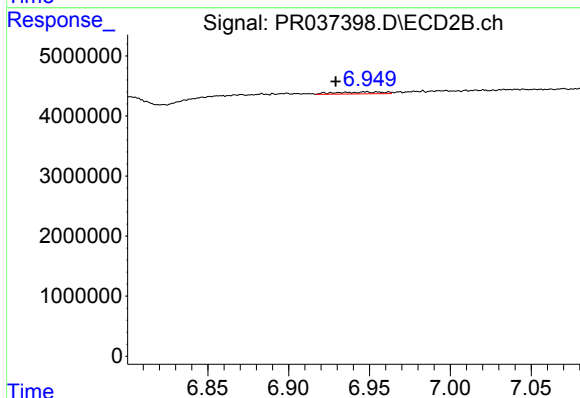
R.T.: 6.495 min
Delta R.T.: 0.009 min
Response: 1890374
Conc: 7.54 ng/ml



#37 AR-1262-2

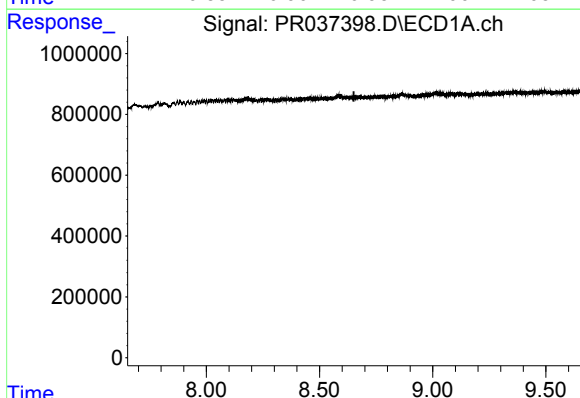
R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



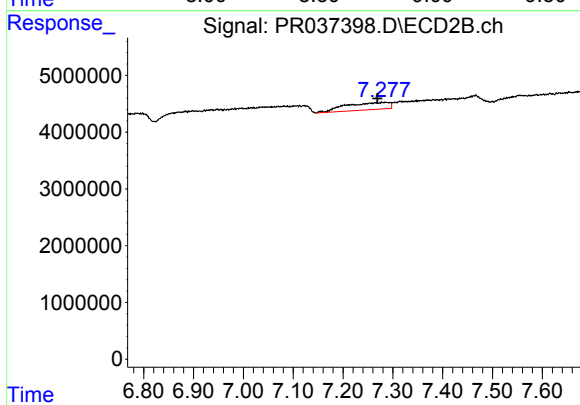
#37 AR-1262-2

R.T.: 6.948 min
Delta R.T.: 0.019 min
Response: 667096
Conc: 0.53 ng/ml



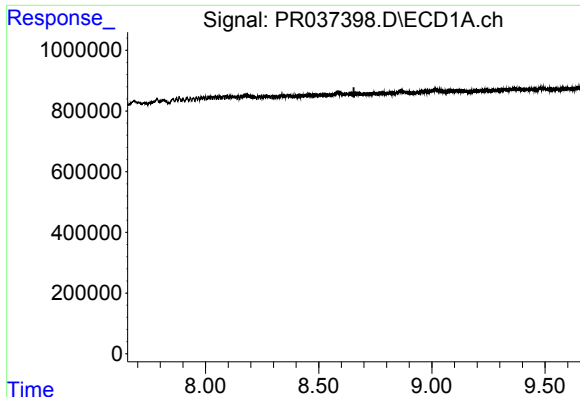
#39 AR-1262-4

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



#39 AR-1262-4

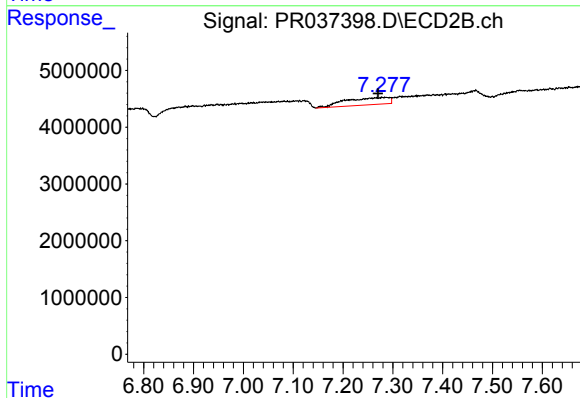
R.T.: 7.284 min
Delta R.T.: 0.015 min
Response: 7615261
Conc: 8.48 ng/ml



#42 AR-1268-2

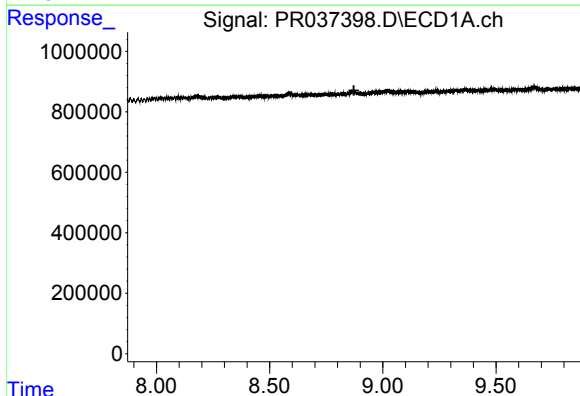
R.T.: 0.000 min
Exp R.T.: 8.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



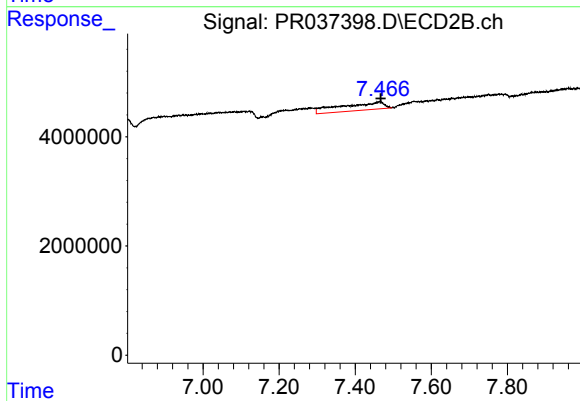
#42 AR-1268-2

R.T.: 7.284 min
Delta R.T.: 0.014 min
Response: 7615261
Conc: 7.19 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.: 7.465 min
Delta R.T.: -0.001 min
Response: 11417384
Conc: 12.88 ng/ml