

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
 Data File : PR037366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2019 18:47
 Operator : SM\SJ
 Sample : K2241-07
 Misc : AR1262 LOD 25PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 01:07:47 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	25622971	104.4E6	20.482	21.771
2)	SA Decachlor...	9.985	8.245	29496418	150.9E6	22.302	25.908
Target Compounds							
3)	L1 AR-1016-1	0.000	4.449	0	344441	N.D.	1.892 #
4)	L1 AR-1016-2	0.000	4.449	0	344441	N.D.	1.221 #
5)	L1 AR-1016-3	0.000	4.608	0	27630	N.D.	0.192 #
6)	L1 AR-1016-4	0.000	4.670	0	76853	N.D.	0.695 #
7)	L1 AR-1016-5	0.000	4.890	0	135035	N.D.	0.888 #
8)	L2 AR-1221-1	0.000	3.588	0	137122	N.D.	2.693 #
9)	L2 AR-1221-2	4.661	3.695	667657	1446161	73.823	38.943 #
10)	L2 AR-1221-3	0.000	3.735	0	42989	N.D.	0.351 #
11)	L3 AR-1232-1	0.000	3.735	0	42989	N.D.	0.367 #
12)	L3 AR-1232-2	0.000	4.449	0	344441	N.D.	2.492 #
13)	L3 AR-1232-3	0.000	4.608	0	27630	N.D.	0.394 #
14)	L3 AR-1232-4	0.000	4.715	0	36179	N.D.	0.606 #
15)	L3 AR-1232-5	0.000	4.890	0	135035	N.D.	1.979 #
16)	L4 AR-1242-1	0.000	4.449	0	344441	N.D.	2.351 #
17)	L4 AR-1242-2	0.000	4.449	0	344441	N.D.	1.510 #
18)	L4 AR-1242-3	0.000	4.608	0	27630	N.D.	0.239 #
19)	L4 AR-1242-4	0.000	4.715	0	36179	N.D.	0.329 #
20)	L4 AR-1242-5	0.000	5.229	0	419065	N.D.	2.529 #
21)	L5 AR-1248-1	0.000	4.449	0	344441	N.D.	3.422 #
22)	L5 AR-1248-2	0.000	4.670	0	76853	N.D.	0.563 #
23)	L5 AR-1248-3	0.000	4.715	0	36179	N.D.	0.258 #
24)	L5 AR-1248-4	0.000	4.890	0	135035	N.D.	0.759 #
25)	L5 AR-1248-5	0.000	5.258	0	525927	N.D.	2.689 #
26)	L6 AR-1254-1	0.000	5.223	0	490591	N.D.	1.424 #
27)	L6 AR-1254-2	0.000	5.375	0	822430	N.D.	2.746 #
28)	L6 AR-1254-3	0.000	5.777	0	3971032	N.D.	8.384 #
29)	L6 AR-1254-4	0.000	5.985	0	575726	N.D.	1.642 #
30)	L6 AR-1254-5	7.717	6.388	1068025	2945484	14.858	6.652 #
32)	L7 AR-1260-2	0.000	6.068	0	1535451	N.D.	3.334 #
33)	L7 AR-1260-3	7.717	6.225	1068025	534253	17.068	1.499 #
34)	L7 AR-1260-4	7.960	6.677	2213065	6816064	29.744	22.365
35)	L7 AR-1260-5	8.256	6.927	535514	3050894	3.703	3.518
36)	L8 AR-1262-1	7.717	6.490	1068025	2359010	10.225	9.413
37)	L8 AR-1262-2	8.256	6.927	535514	3050894	2.755	2.429
38)	L8 AR-1262-3	8.554	7.202	5148975	35747838	39.153	65.202 #
39)	L8 AR-1262-4	8.647	7.268	4651377	29741380	47.352	33.133 #
40)	L8 AR-1262-5	9.275	7.758	1874177	9533754	27.146	24.917
41)	L9 AR-1268-1	8.554	7.202	5148975	35747838	28.751	29.039
42)	L9 AR-1268-2	8.647	7.268	4651377	29741380	28.276	28.086

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 Misc : AR1262 LOD 25PPB
 ALS Vial : 23 Sample Multiplier: 1

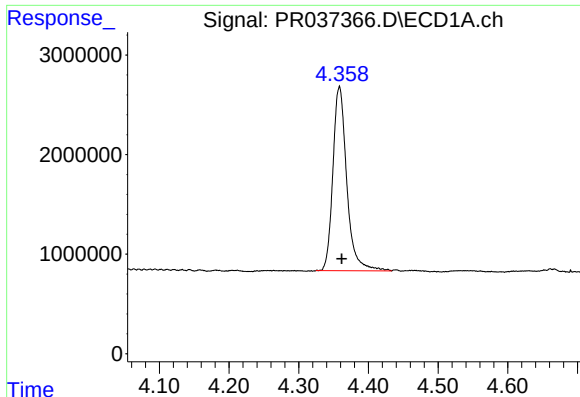
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
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 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
43) L9	AR-1268-3	8.862	7.464	4017848	24556158	29.023	27.708
44) L9	AR-1268-4	9.275	7.758	1874177	9533754	30.042	26.279
45) L9	AR-1268-5	9.669	8.025	11875234	64820686	26.050	25.478

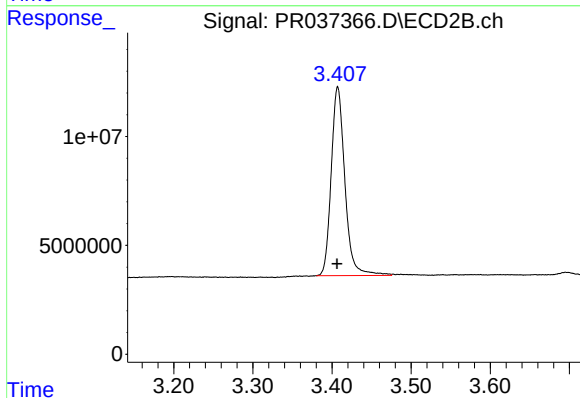
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

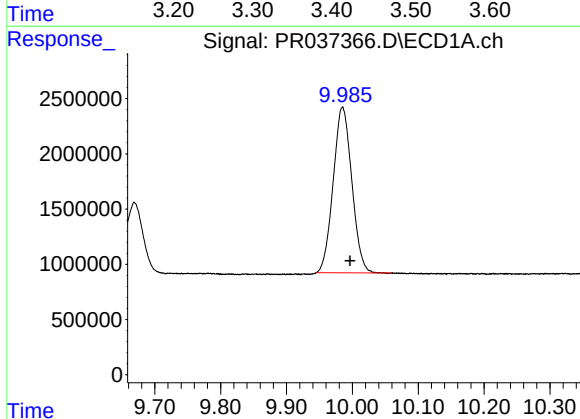
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 25622971
Conc: 20.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



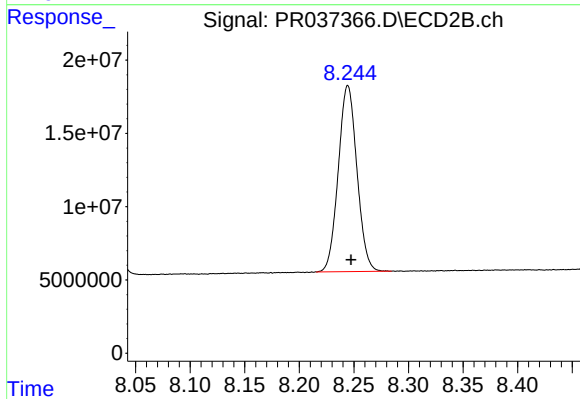
#1 Tetrachloro-m-xylene

R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 104401470
Conc: 21.77 ng/ml



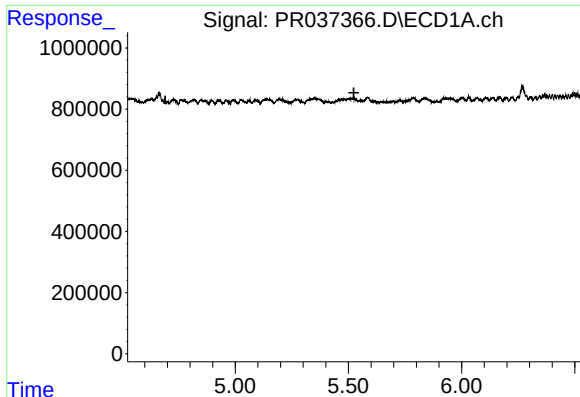
#2 Decachlorobiphenyl

R.T.: 9.985 min
Delta R.T.: -0.012 min
Response: 29496418
Conc: 22.30 ng/ml



#2 Decachlorobiphenyl

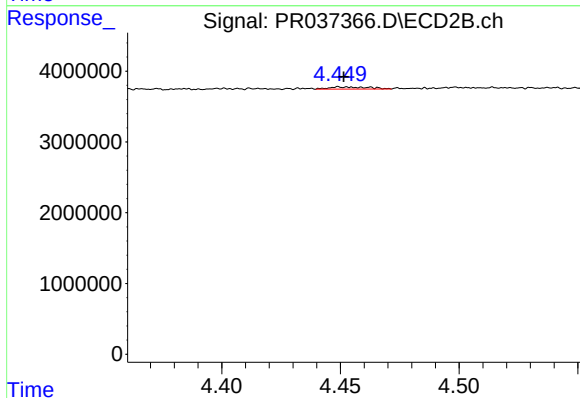
R.T.: 8.245 min
Delta R.T.: -0.003 min
Response: 150896240
Conc: 25.91 ng/ml



#3 AR-1016-1

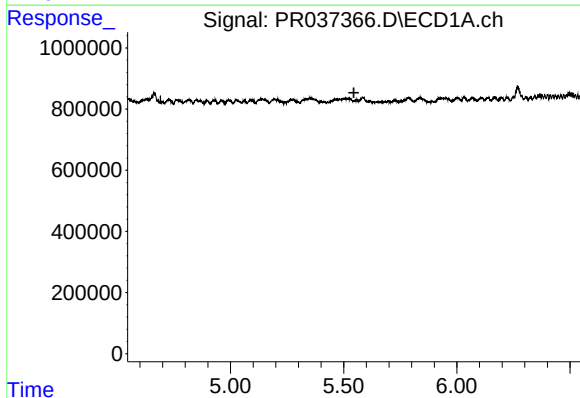
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



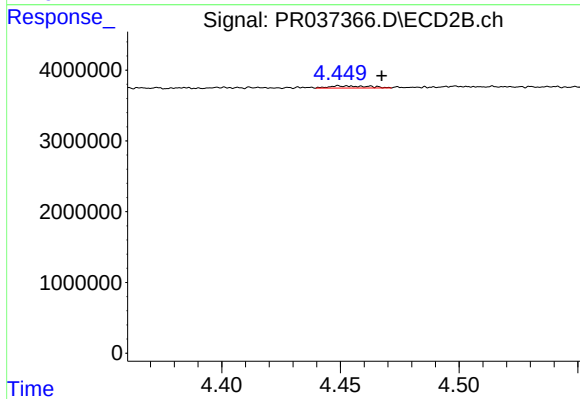
#3 AR-1016-1

R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 344441
Conc: 1.89 ng/ml



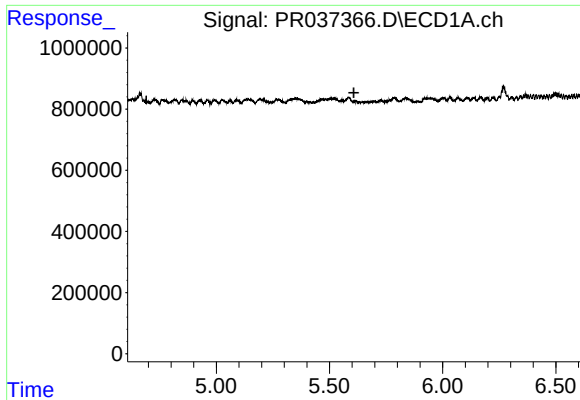
#4 AR-1016-2

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



#4 AR-1016-2

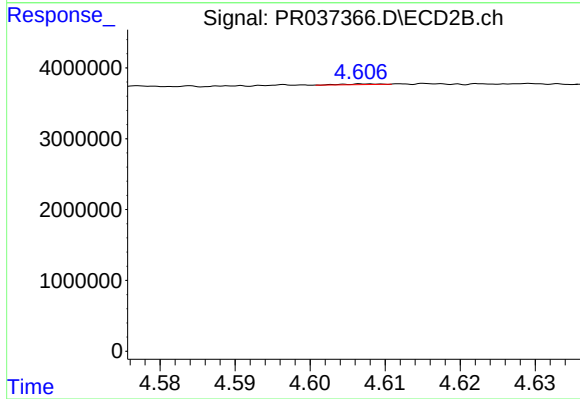
R.T.: 4.449 min
Delta R.T.: -0.018 min
Response: 344441
Conc: 1.22 ng/ml



#5 AR-1016-3

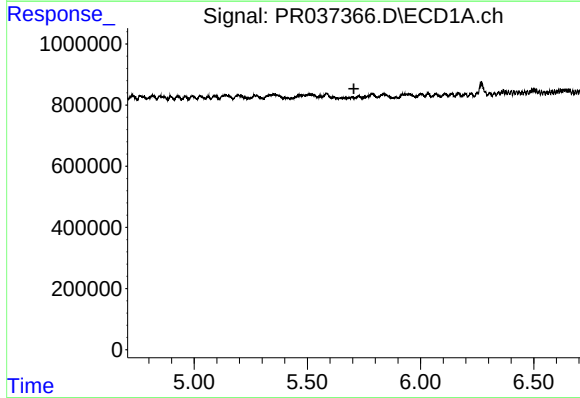
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



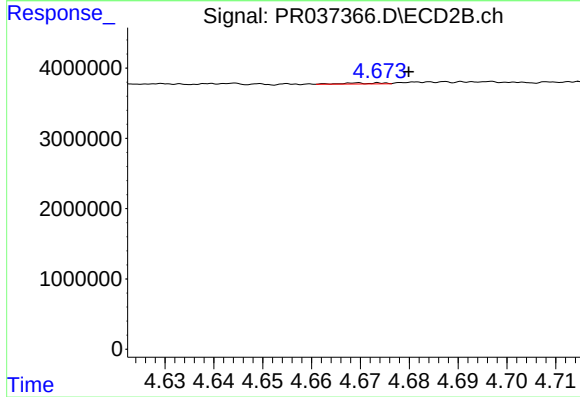
#5 AR-1016-3

R.T.: 4.608 min
Delta R.T.: -0.031 min
Response: 27630
Conc: 0.19 ng/ml



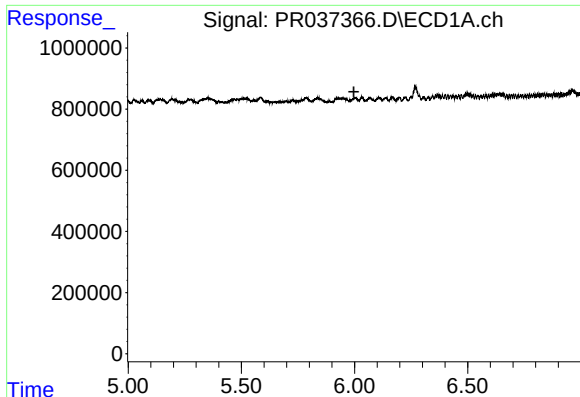
#6 AR-1016-4

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



#6 AR-1016-4

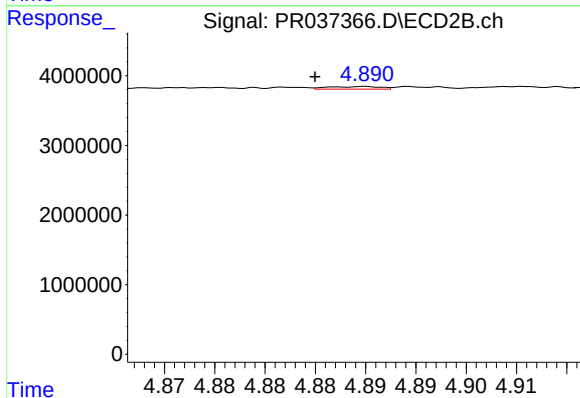
R.T.: 4.670 min
Delta R.T.: -0.010 min
Response: 76853
Conc: 0.69 ng/ml



#7 AR-1016-5

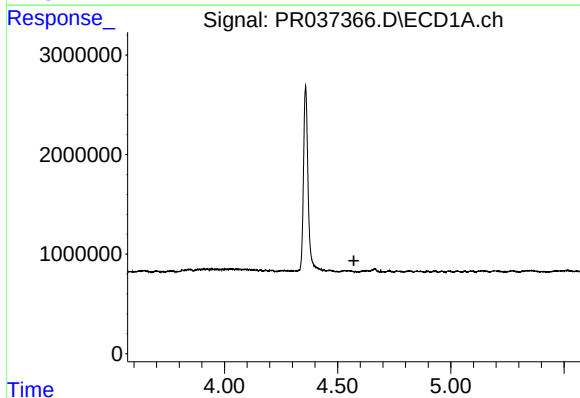
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



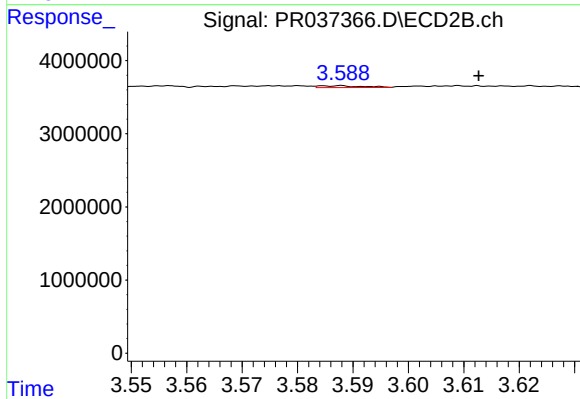
#7 AR-1016-5

R.T.: 4.890 min
Delta R.T.: 0.005 min
Response: 135035
Conc: 0.89 ng/ml



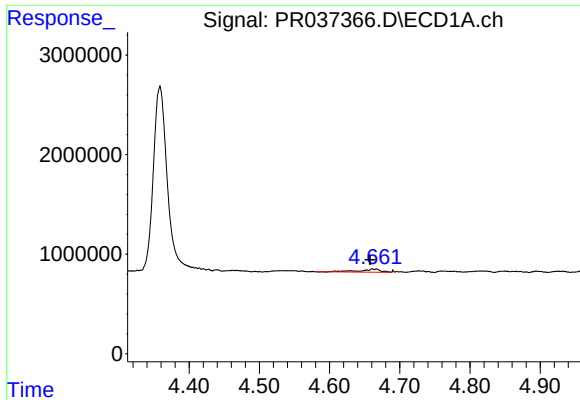
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.572 min
Response: 0
Conc: N.D.



#8 AR-1221-1

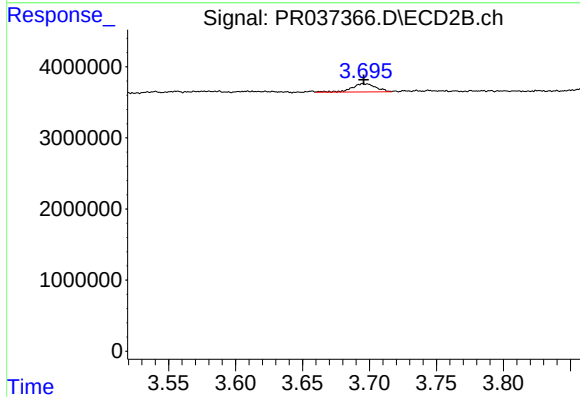
R.T.: 3.588 min
Delta R.T.: -0.025 min
Response: 137122
Conc: 2.69 ng/ml



#9 AR-1221-2

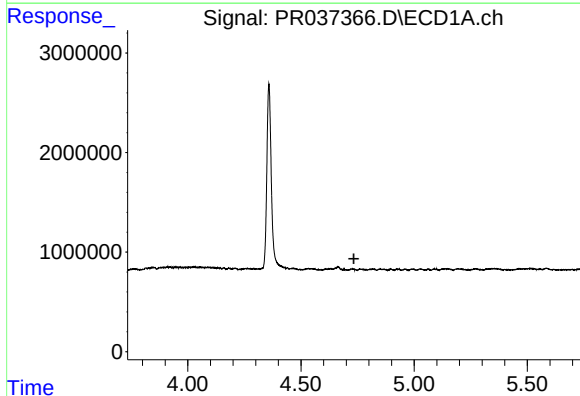
R.T.: 4.661 min
Delta R.T.: 0.003 min
Response: 667657
Conc: 73.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



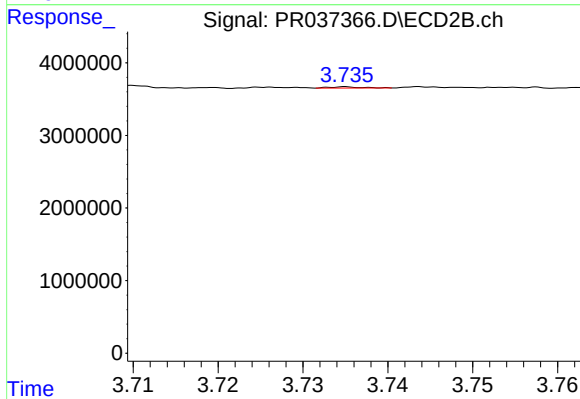
#9 AR-1221-2

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 1446161
Conc: 38.94 ng/ml



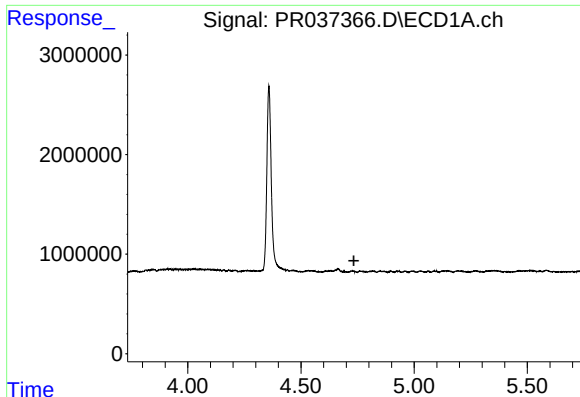
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#10 AR-1221-3

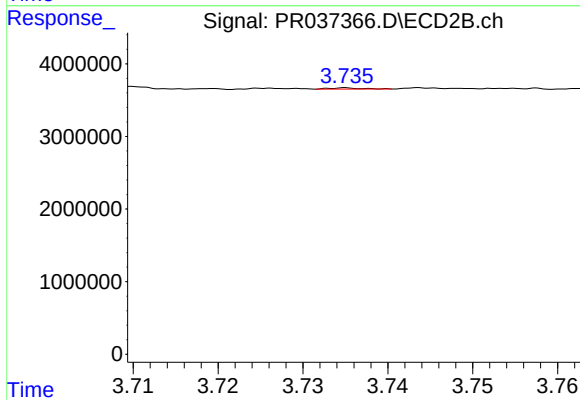
R.T.: 3.735 min
Delta R.T.: -0.032 min
Response: 42989
Conc: 0.35 ng/ml



#11 AR-1232-1

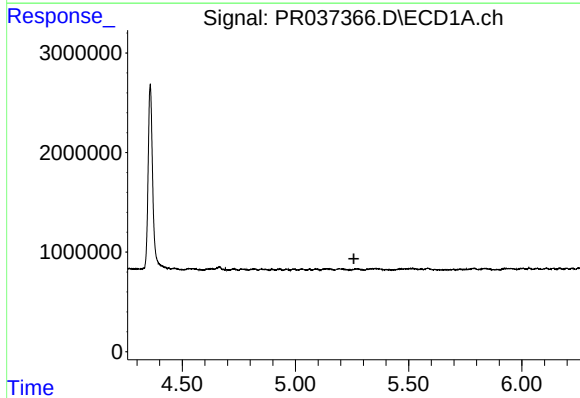
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



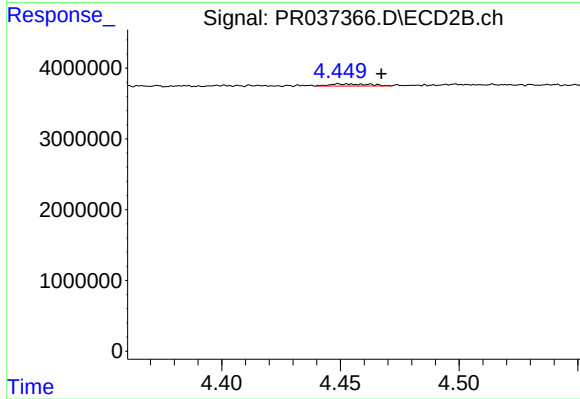
#11 AR-1232-1

R.T.: 3.735 min
Delta R.T.: -0.032 min
Response: 42989
Conc: 0.37 ng/ml



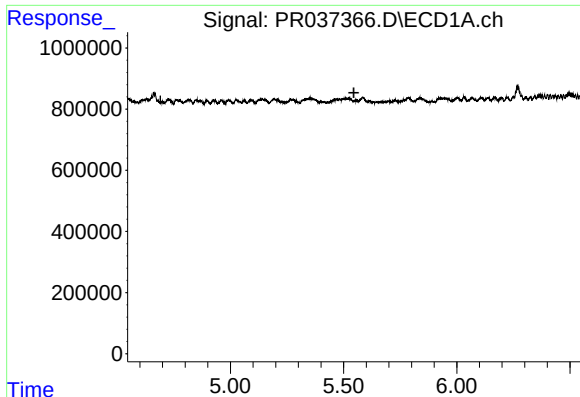
#12 AR-1232-2

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



#12 AR-1232-2

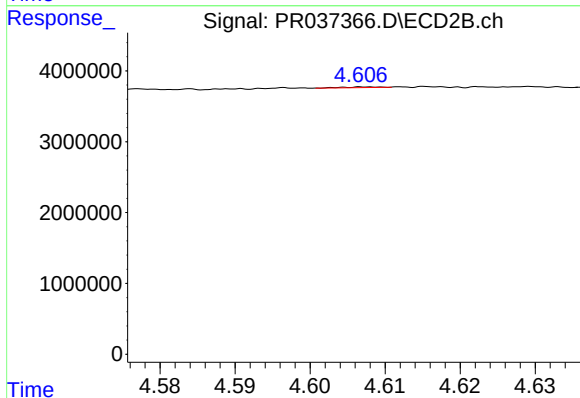
R.T.: 4.449 min
Delta R.T.: -0.018 min
Response: 344441
Conc: 2.49 ng/ml



#13 AR-1232-3

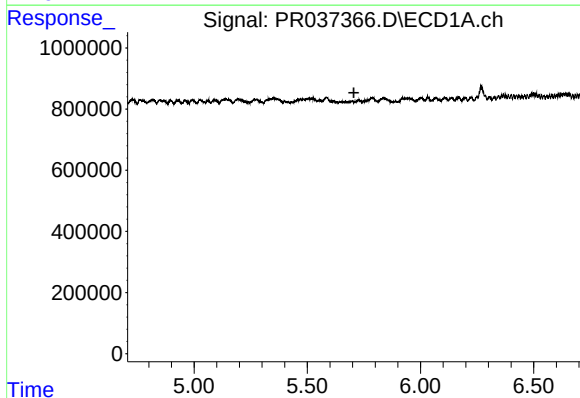
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



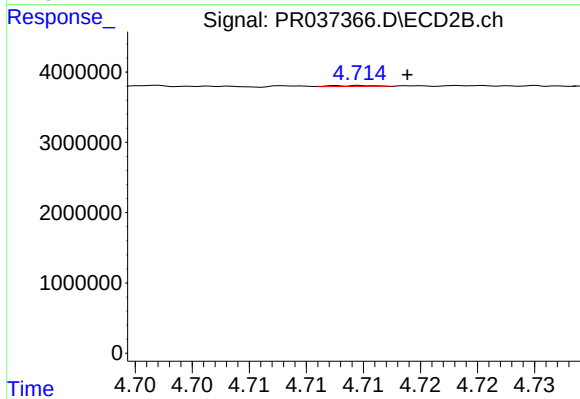
#13 AR-1232-3

R.T.: 4.608 min
Delta R.T.: -0.030 min
Response: 27630
Conc: 0.39 ng/ml



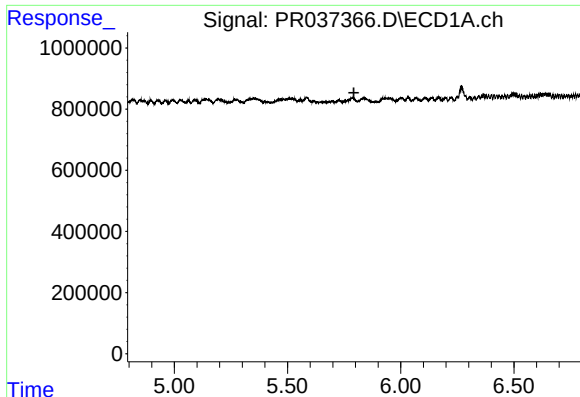
#14 AR-1232-4

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



#14 AR-1232-4

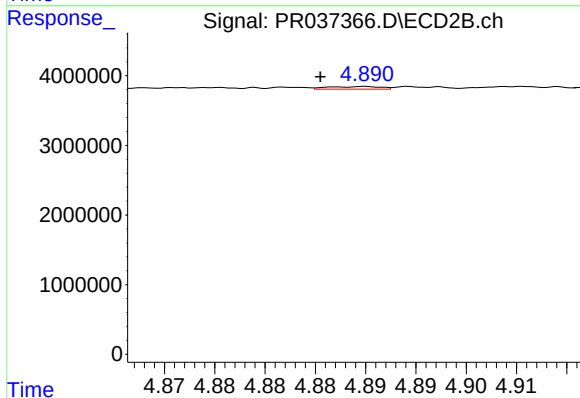
R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 36179
Conc: 0.61 ng/ml



#15 AR-1232-5

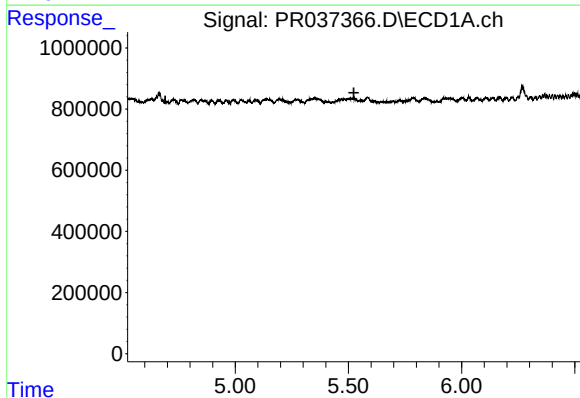
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
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LOD-MDL-WATER-01-QT2-2019



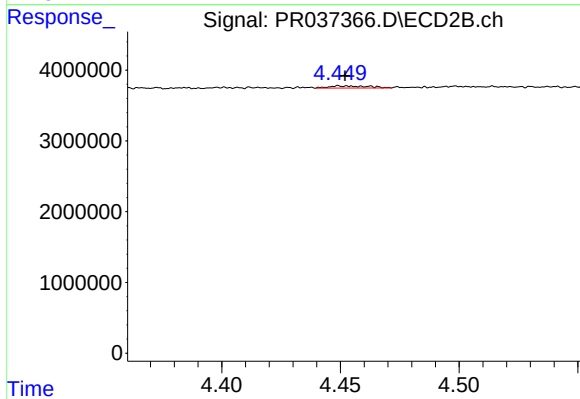
#15 AR-1232-5

R.T.: 4.890 min
Delta R.T.: 0.005 min
Response: 135035
Conc: 1.98 ng/ml



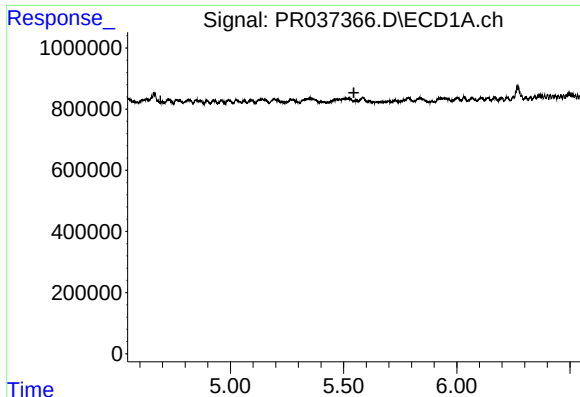
#16 AR-1242-1

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



#16 AR-1242-1

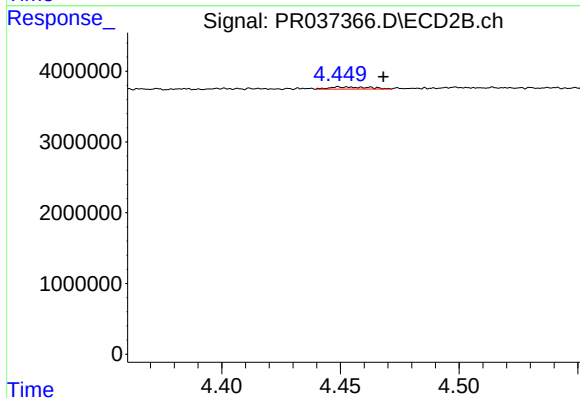
R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 344441
Conc: 2.35 ng/ml



#17 AR-1242-2

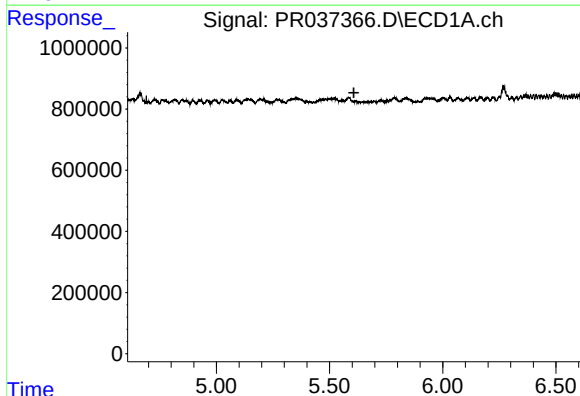
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



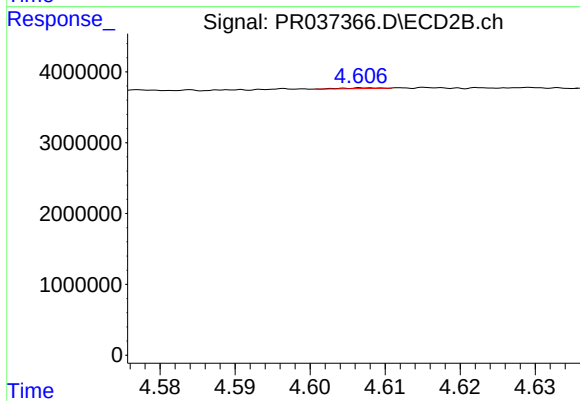
#17 AR-1242-2

R.T.: 4.449 min
Delta R.T.: -0.019 min
Response: 344441
Conc: 1.51 ng/ml



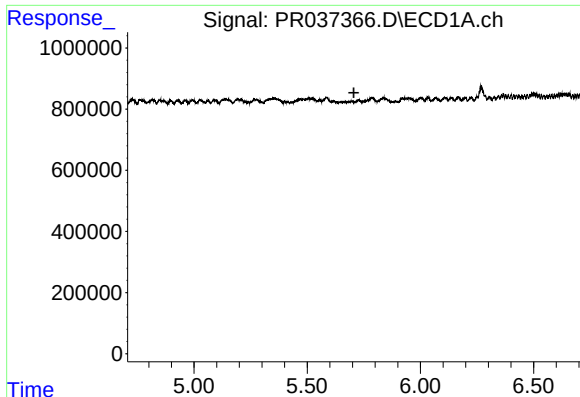
#18 AR-1242-3

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



#18 AR-1242-3

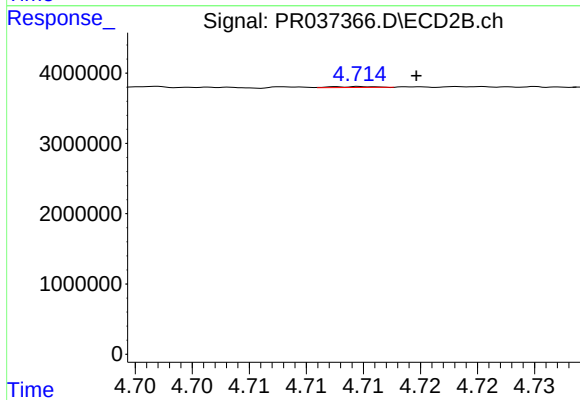
R.T.: 4.608 min
Delta R.T.: -0.031 min
Response: 27630
Conc: 0.24 ng/ml



#19 AR-1242-4

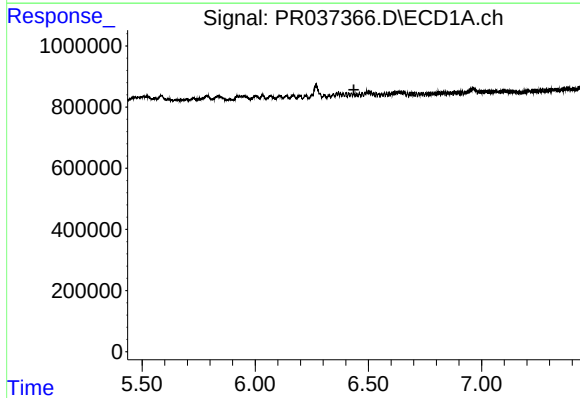
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



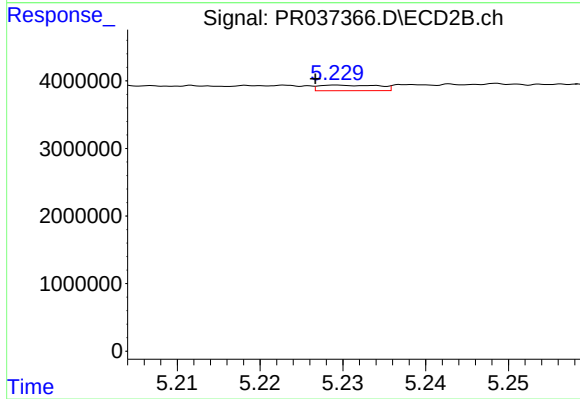
#19 AR-1242-4

R.T.: 4.715 min
Delta R.T.: -0.005 min
Response: 36179
Conc: 0.33 ng/ml



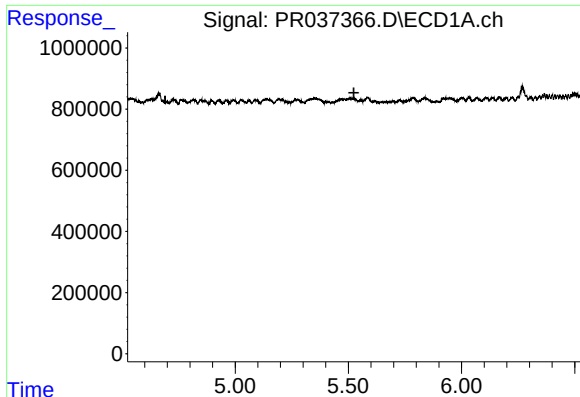
#20 AR-1242-5

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



#20 AR-1242-5

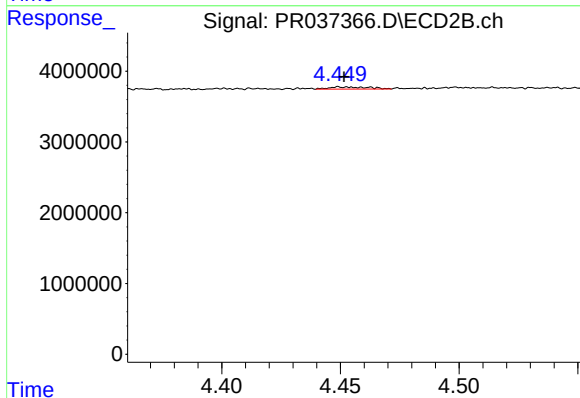
R.T.: 5.229 min
Delta R.T.: 0.003 min
Response: 419065
Conc: 2.53 ng/ml



#21 AR-1248-1

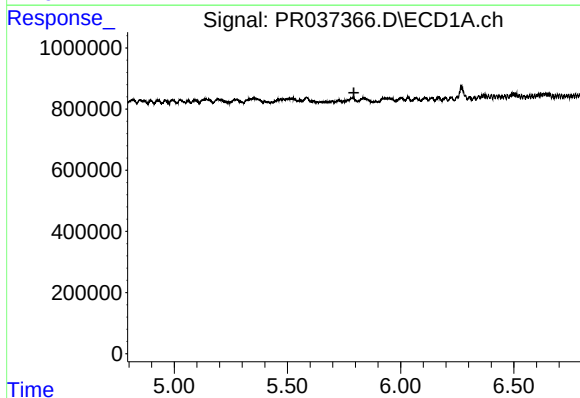
R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



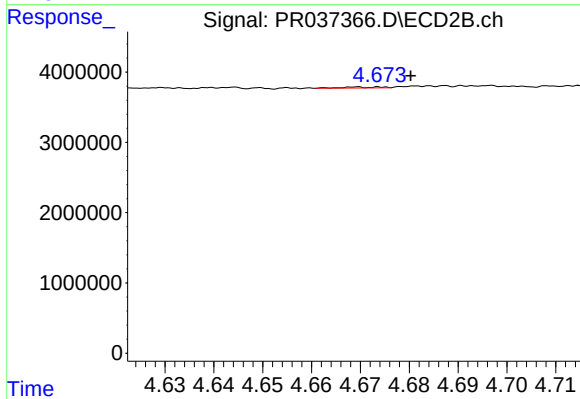
#21 AR-1248-1

R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 344441
Conc: 3.42 ng/ml



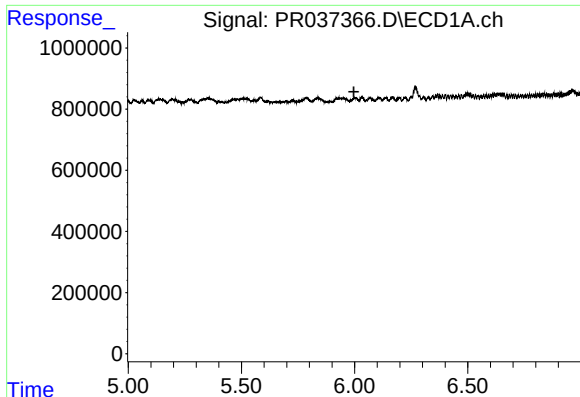
#22 AR-1248-2

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



#22 AR-1248-2

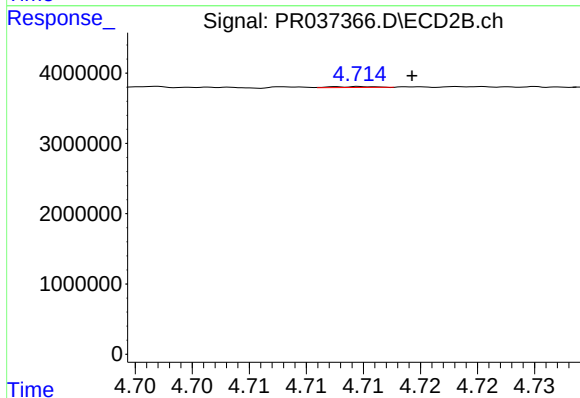
R.T.: 4.670 min
Delta R.T.: -0.011 min
Response: 76853
Conc: 0.56 ng/ml



#23 AR-1248-3

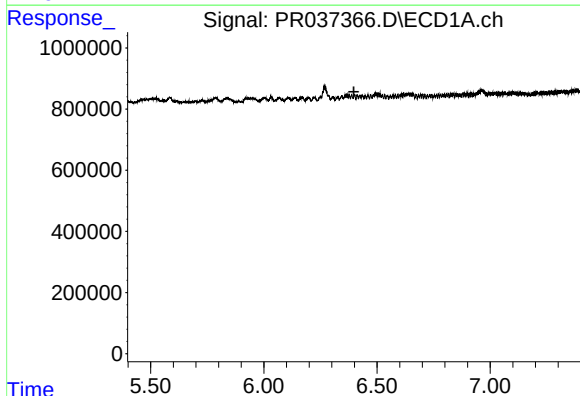
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



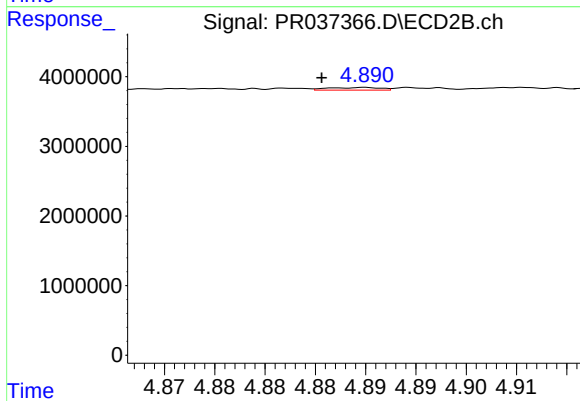
#23 AR-1248-3

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 36179
Conc: 0.26 ng/ml



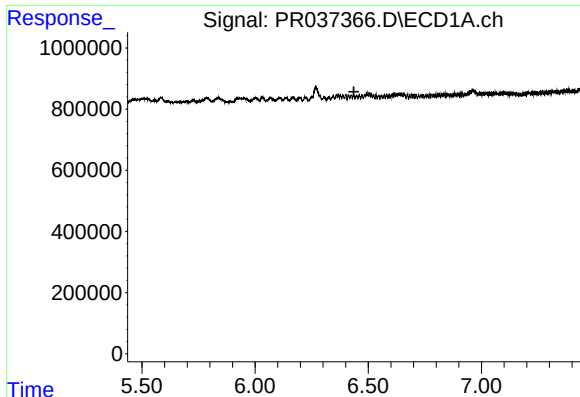
#24 AR-1248-4

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



#24 AR-1248-4

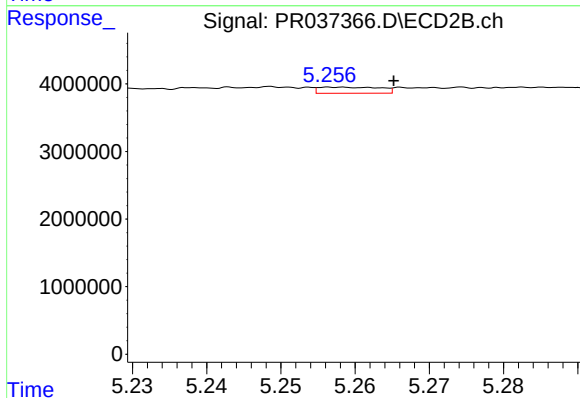
R.T.: 4.890 min
Delta R.T.: 0.004 min
Response: 135035
Conc: 0.76 ng/ml



#25 AR-1248-5

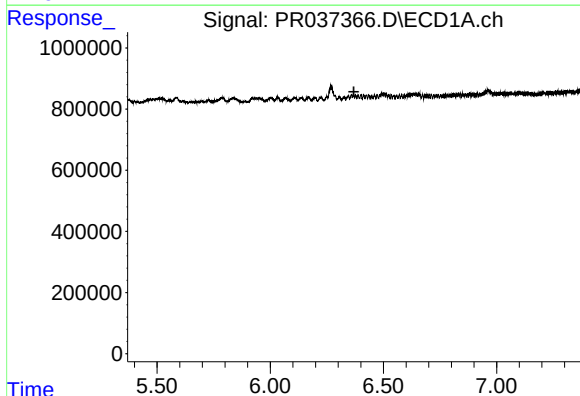
R.T.: 0.000 min
Exp R.T.: 6.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



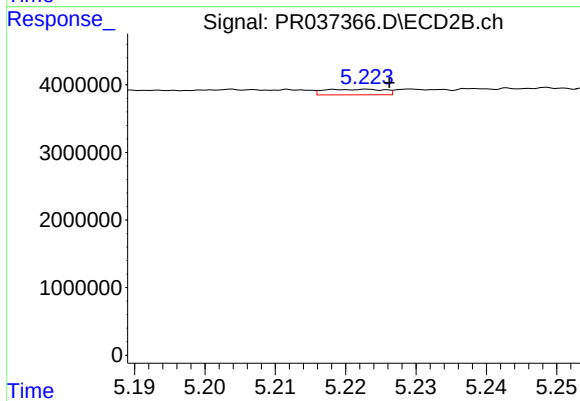
#25 AR-1248-5

R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 525927
Conc: 2.69 ng/ml



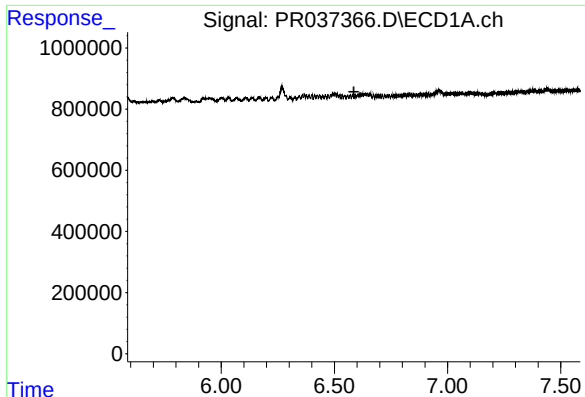
#26 AR-1254-1

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



#26 AR-1254-1

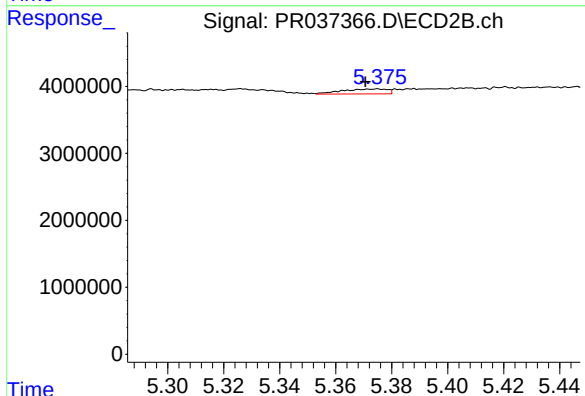
R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 490591
Conc: 1.42 ng/ml



#27 AR-1254-2

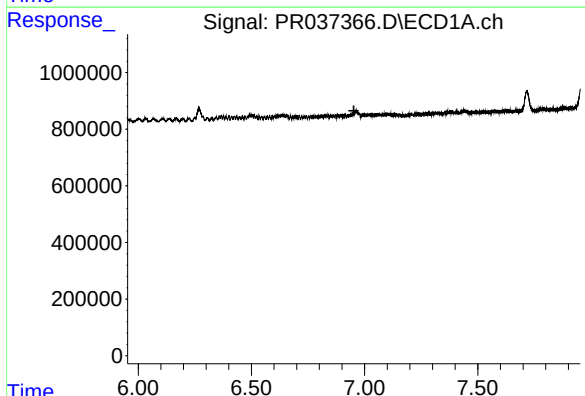
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



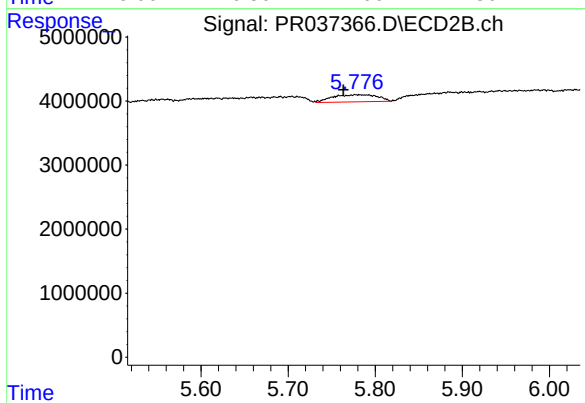
#27 AR-1254-2

R.T.: 5.375 min
Delta R.T.: 0.004 min
Response: 822430
Conc: 2.75 ng/ml



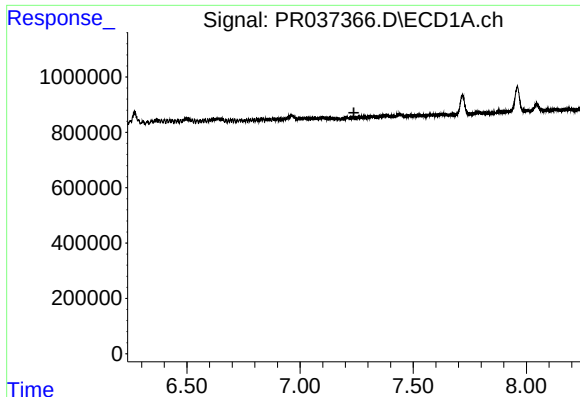
#28 AR-1254-3

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



#28 AR-1254-3

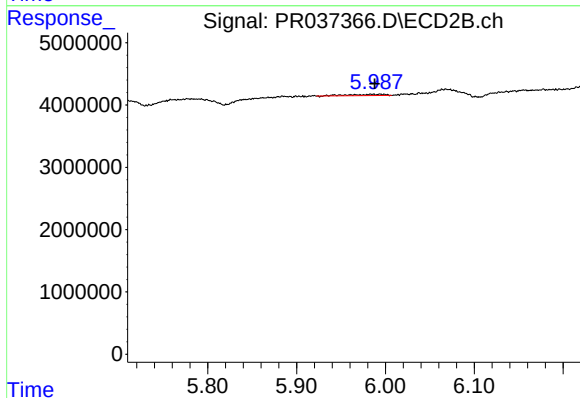
R.T.: 5.777 min
Delta R.T.: 0.014 min
Response: 3971032
Conc: 8.38 ng/ml



#29 AR-1254-4

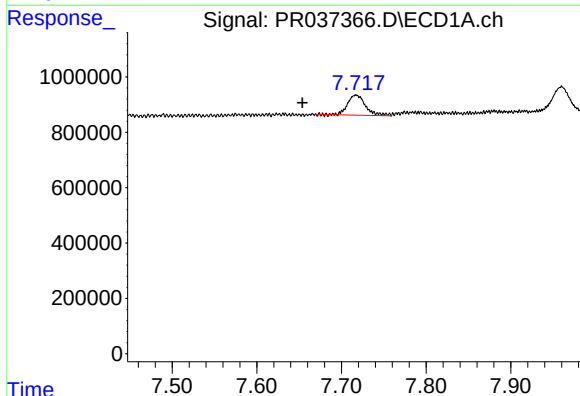
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



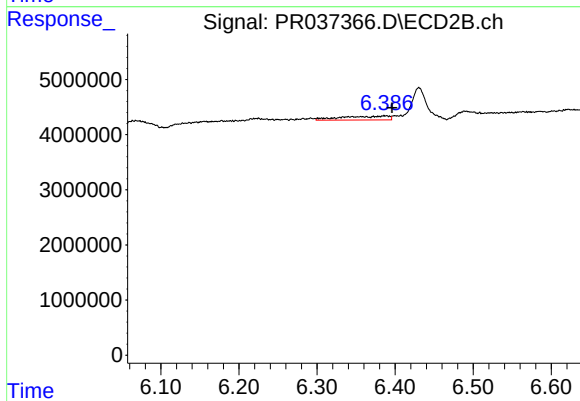
#29 AR-1254-4

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 575726
Conc: 1.64 ng/ml



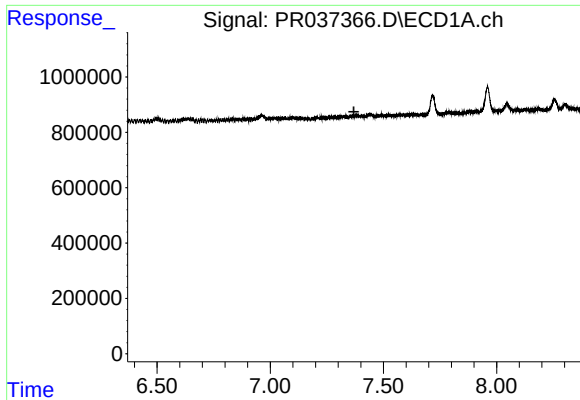
#30 AR-1254-5

R.T.: 7.717 min
Delta R.T.: 0.063 min
Response: 1068025
Conc: 14.86 ng/ml



#30 AR-1254-5

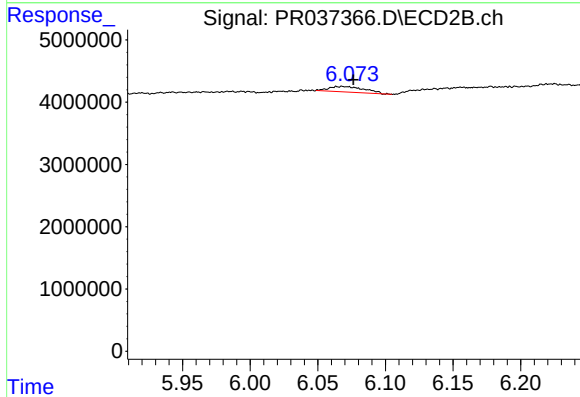
R.T.: 6.388 min
Delta R.T.: -0.008 min
Response: 2945484
Conc: 6.65 ng/ml



#32 AR-1260-2

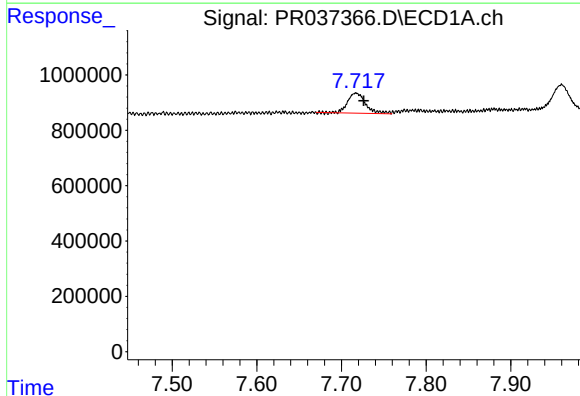
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



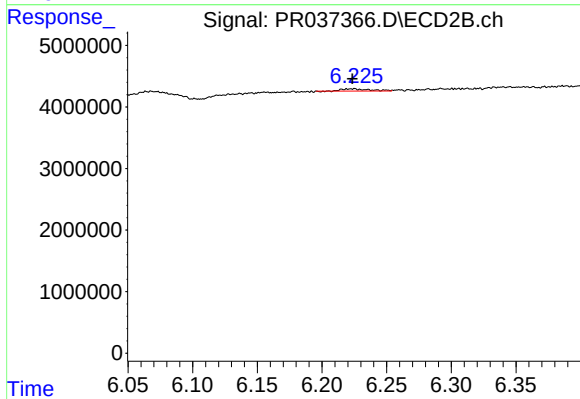
#32 AR-1260-2

R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 1535451
Conc: 3.33 ng/ml



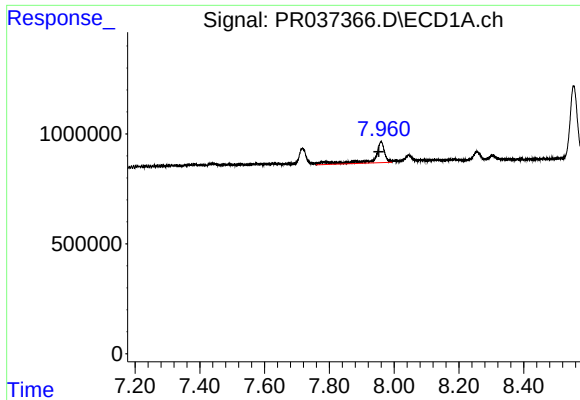
#33 AR-1260-3

R.T.: 7.717 min
Delta R.T.: -0.009 min
Response: 1068025
Conc: 17.07 ng/ml



#33 AR-1260-3

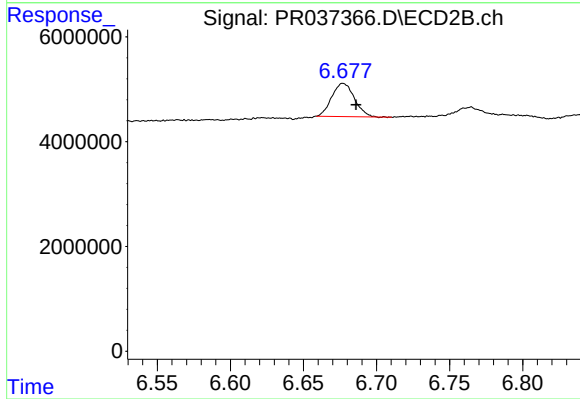
R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 534253
Conc: 1.50 ng/ml



#34 AR-1260-4

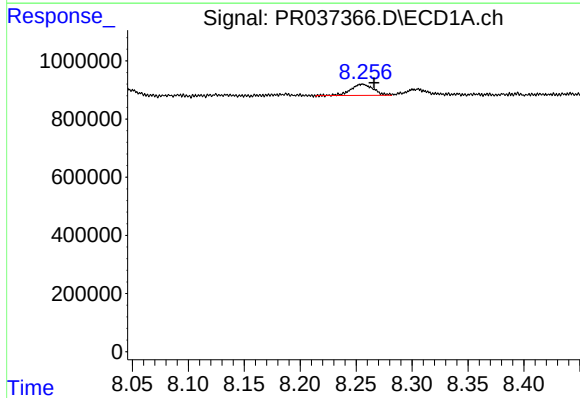
R.T.: 7.960 min
Delta R.T.: 0.007 min
Response: 2213065
Conc: 29.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



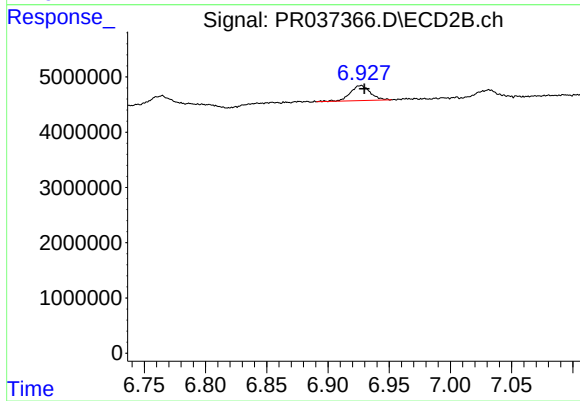
#34 AR-1260-4

R.T.: 6.677 min
Delta R.T.: -0.009 min
Response: 6816064
Conc: 22.37 ng/ml



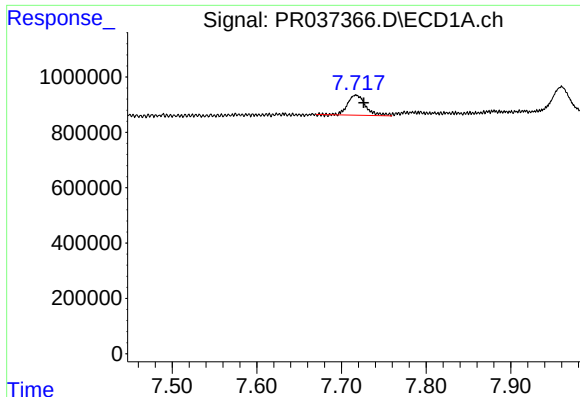
#35 AR-1260-5

R.T.: 8.256 min
Delta R.T.: -0.011 min
Response: 535514
Conc: 3.70 ng/ml



#35 AR-1260-5

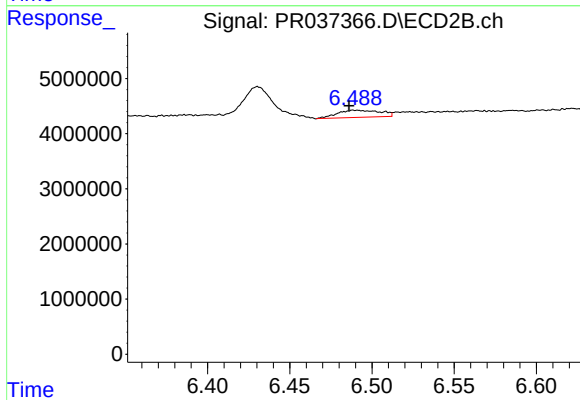
R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 3050894
Conc: 3.52 ng/ml



#36 AR-1262-1

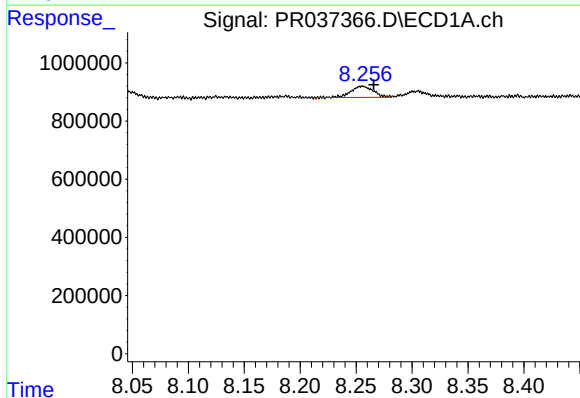
R.T.: 7.717 min
Delta R.T.: -0.009 min
Response: 1068025
Conc: 10.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



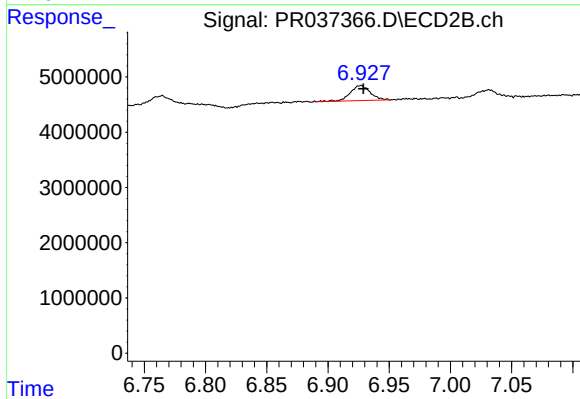
#36 AR-1262-1

R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 2359010
Conc: 9.41 ng/ml



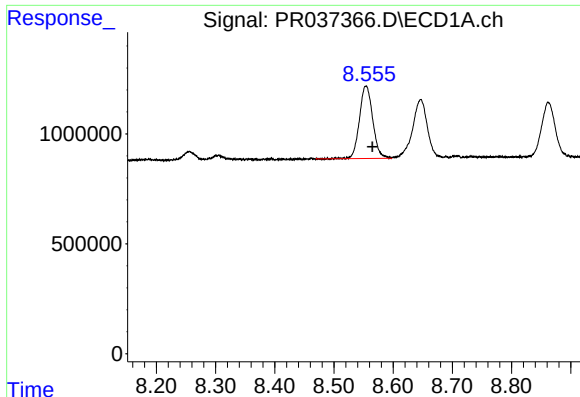
#37 AR-1262-2

R.T.: 8.256 min
Delta R.T.: -0.010 min
Response: 535514
Conc: 2.75 ng/ml



#37 AR-1262-2

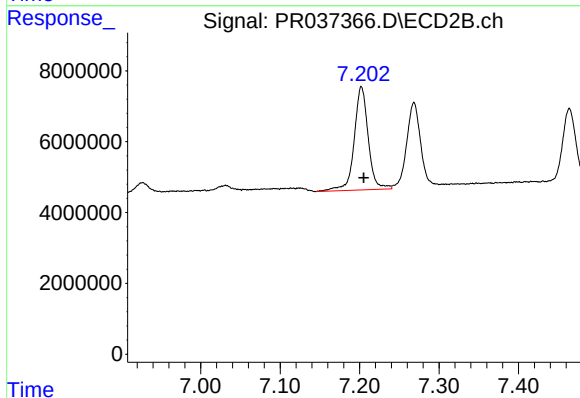
R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 3050894
Conc: 2.43 ng/ml



#38 AR-1262-3

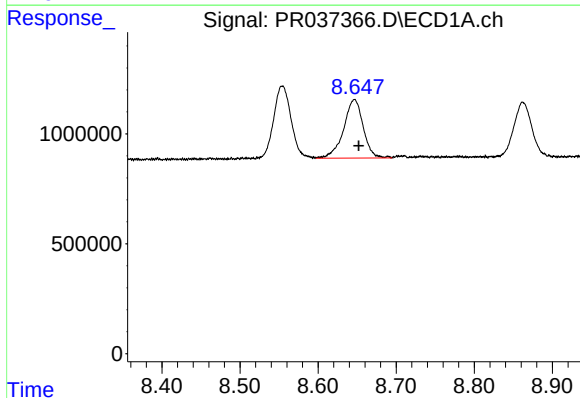
R.T.: 8.554 min
Delta R.T.: -0.011 min
Response: 5148975
Conc: 39.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



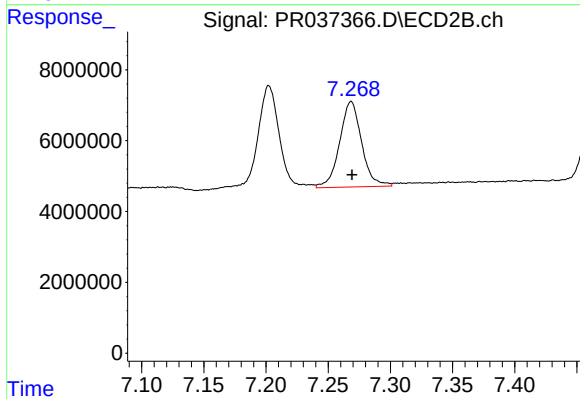
#38 AR-1262-3

R.T.: 7.202 min
Delta R.T.: -0.003 min
Response: 35747838
Conc: 65.20 ng/ml



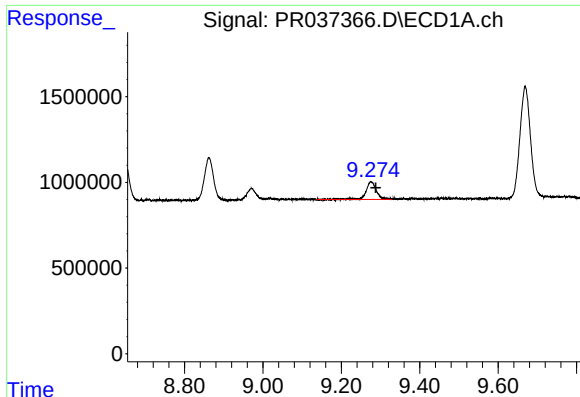
#39 AR-1262-4

R.T.: 8.647 min
Delta R.T.: -0.005 min
Response: 4651377
Conc: 47.35 ng/ml



#39 AR-1262-4

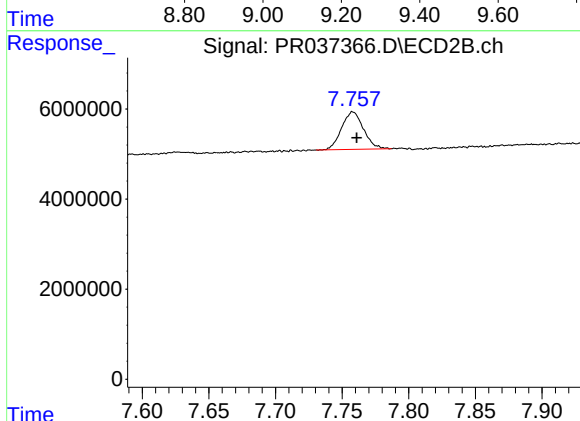
R.T.: 7.268 min
Delta R.T.: 0.000 min
Response: 29741380
Conc: 33.13 ng/ml



#40 AR-1262-5

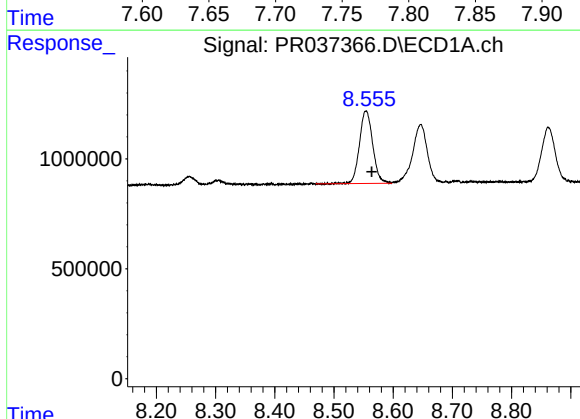
R.T.: 9.275 min
Delta R.T.: -0.012 min
Response: 1874177
Conc: 27.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



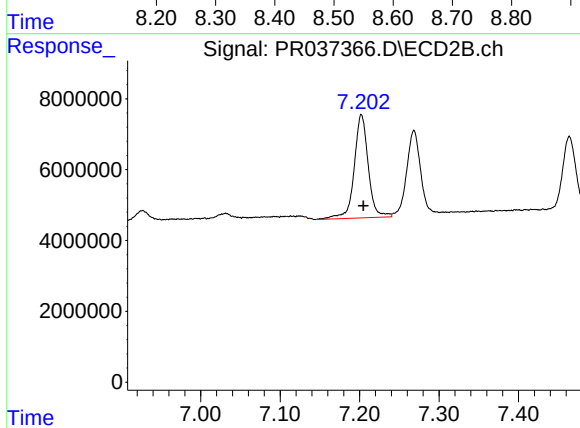
#40 AR-1262-5

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 9533754
Conc: 24.92 ng/ml



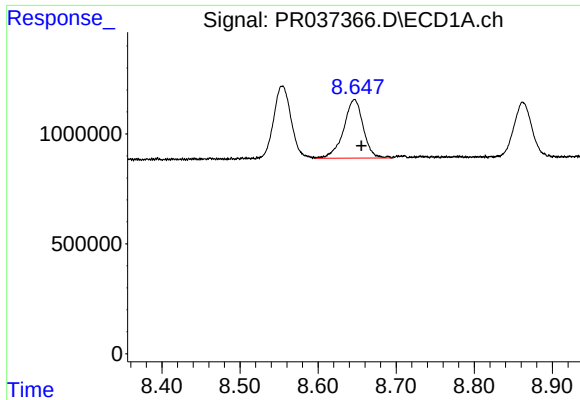
#41 AR-1268-1

R.T.: 8.554 min
Delta R.T.: -0.010 min
Response: 5148975
Conc: 28.75 ng/ml



#41 AR-1268-1

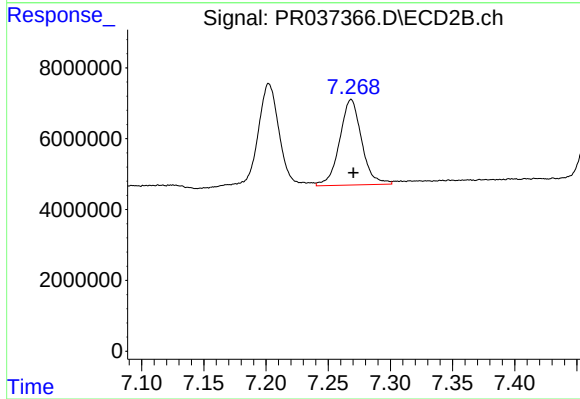
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 35747838
Conc: 29.04 ng/ml



#42 AR-1268-2

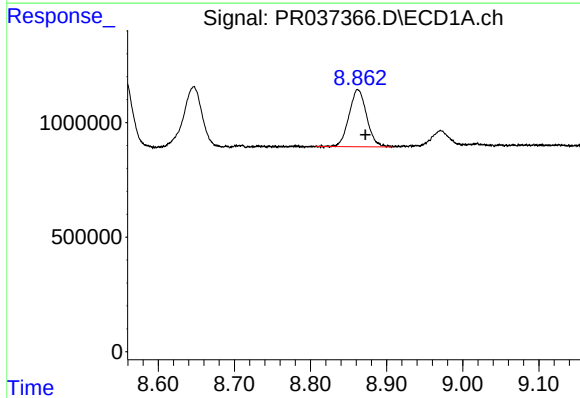
R.T.: 8.647 min
Delta R.T.: -0.009 min
Response: 4651377
Conc: 28.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



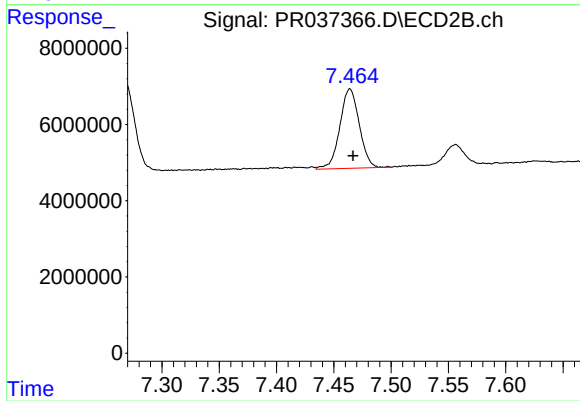
#42 AR-1268-2

R.T.: 7.268 min
Delta R.T.: -0.002 min
Response: 29741380
Conc: 28.09 ng/ml



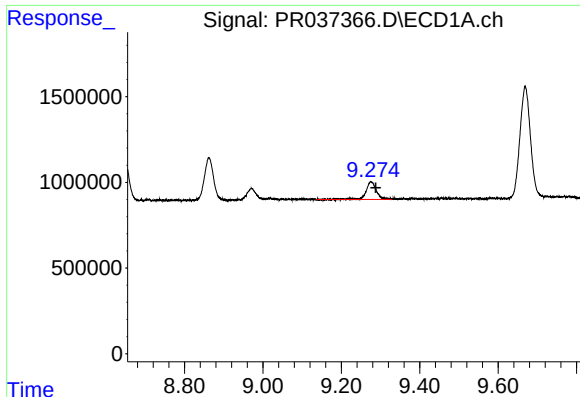
#43 AR-1268-3

R.T.: 8.862 min
Delta R.T.: -0.010 min
Response: 4017848
Conc: 29.02 ng/ml



#43 AR-1268-3

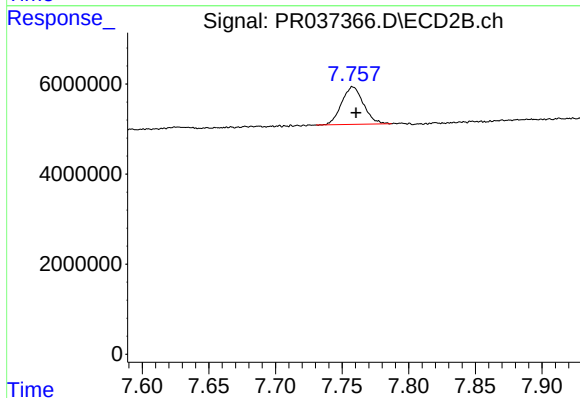
R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 24556158
Conc: 27.71 ng/ml



#44 AR-1268-4

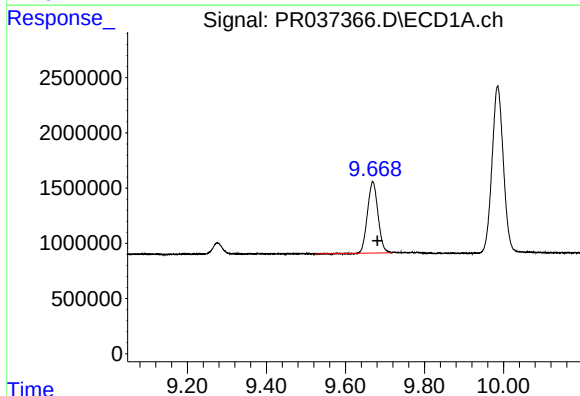
R.T.: 9.275 min
Delta R.T.: -0.012 min
Response: 1874177
Conc: 30.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



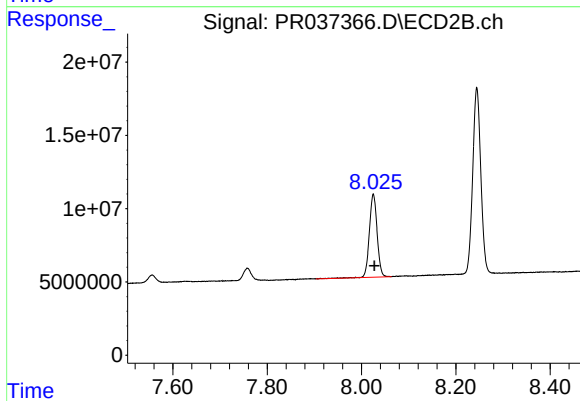
#44 AR-1268-4

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 9533754
Conc: 26.28 ng/ml



#45 AR-1268-5

R.T.: 9.669 min
Delta R.T.: -0.012 min
Response: 11875234
Conc: 26.05 ng/ml



#45 AR-1268-5

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 64820686
Conc: 25.48 ng/ml