

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 18:21
 Operator : AJ\MA
 Sample : Q1168-07
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 00:47:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 10 14:13:17 2025
 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...	3.624	2.956	18420411	94815924	16.313	16.260
2)	SA Decachlor...	9.509	8.224	13518063	75640018	18.909	18.474
Target Compounds							
3)	L1 AR-1016-1	0.000	4.071	0	771061	N.D.	4.888 #
4)	L1 AR-1016-2	0.000	4.090	0	520937	N.D.	2.187 #
5)	L1 AR-1016-3	0.000	4.266	0	88409	N.D.	0.704 #
6)	L1 AR-1016-4	0.000	4.328	0	169034	N.D.	1.538 #
7)	L1 AR-1016-5	0.000	4.539	0	246290	N.D.	1.806 #
8)	L2 AR-1221-1	3.849	3.179	396826	1191811	30.399	17.412 #
9)	L2 AR-1221-2	3.934	3.262	510941	2086458	52.334	40.748
10)	L2 AR-1221-3	4.012	3.342	816210	2919674	26.689	18.753 #
11)	L3 AR-1232-1	4.012	3.342	816210	2919674	34.415	24.417 #
12)	L3 AR-1232-2	0.000	4.090	0	520937	N.D.	4.693 #
13)	L3 AR-1232-3	0.000	4.266	0	88409	N.D.	1.532 #
14)	L3 AR-1232-4	0.000	4.375	0	163724	N.D.	3.085 #
15)	L3 AR-1232-5	0.000	4.539	0	246290	N.D.	4.305 #
16)	L4 AR-1242-1	0.000	4.071	0	771061	N.D.	5.962 #
17)	L4 AR-1242-2	0.000	4.090	0	520937	N.D.	2.678 #
18)	L4 AR-1242-3	0.000	4.266	0	88409	N.D.	0.850 #
19)	L4 AR-1242-4	0.000	4.375	0	163724	N.D.	1.597 #
20)	L4 AR-1242-5	0.000	4.907	0	586956	N.D.	5.122 #
21)	L5 AR-1248-1	0.000	4.071	0	771061	N.D.	7.992 #
22)	L5 AR-1248-2	0.000	4.328	0	169034	N.D.	1.165 #
23)	L5 AR-1248-3	0.000	4.375	0	163724	N.D.	1.106 #
24)	L5 AR-1248-4	0.000	4.539	0	246290	N.D.	1.401 #
25)	L5 AR-1248-5	0.000	4.956	0	1158905	N.D.	7.718 #
26)	L6 AR-1254-1	0.000	4.907	0	586956	N.D.	2.322 #
27)	L6 AR-1254-2	0.000	5.066	0	602995	N.D.	2.767 #
28)	L6 AR-1254-3	6.371	5.470f	139221	684568	2.605	2.145
31)	L7 AR-1260-1	0.000	5.625	0	104173	N.D.	0.473 #
32)	L7 AR-1260-2	0.000	5.845	0	236684	N.D.	0.961 #
33)	L7 AR-1260-3	7.262f	6.005	79734	848550	2.139	3.560 #
34)	L7 AR-1260-4	0.000	6.513	0	1901330	N.D.	9.652 #
36)	L8 AR-1262-1	0.000	6.225	0	917713	N.D.	2.981 #
37)	L8 AR-1262-2	0.000	6.513	0	1901330	N.D.	7.038 #
39)	L8 AR-1262-4	0.000	7.159	0	363941	N.D.	1.010 #
42)	L9 AR-1268-2	0.000	7.159	0	363941	N.D.	0.695 #
43)	L9 AR-1268-3	0.000	7.370	0	367042	N.D.	0.750 #
45)	L9 AR-1268-5	0.000	7.981	0	573946	N.D.	0.414 #

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

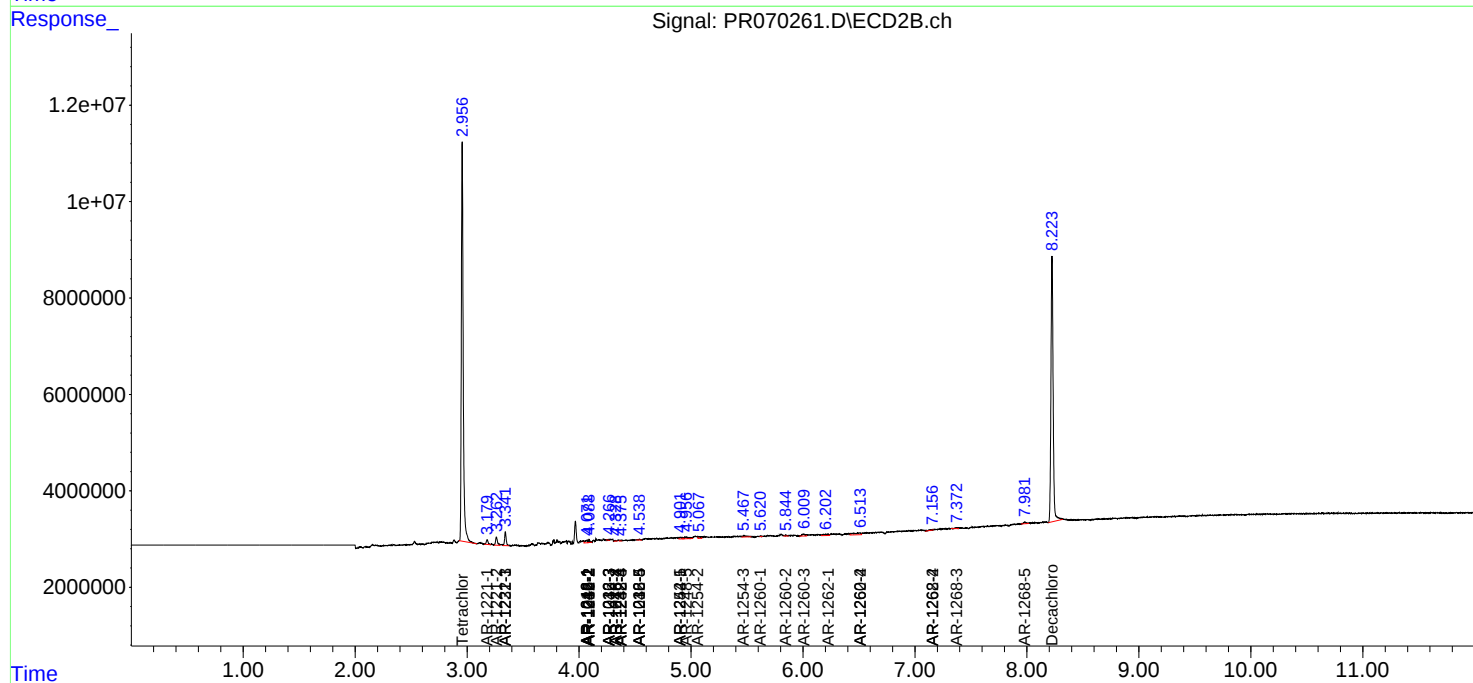
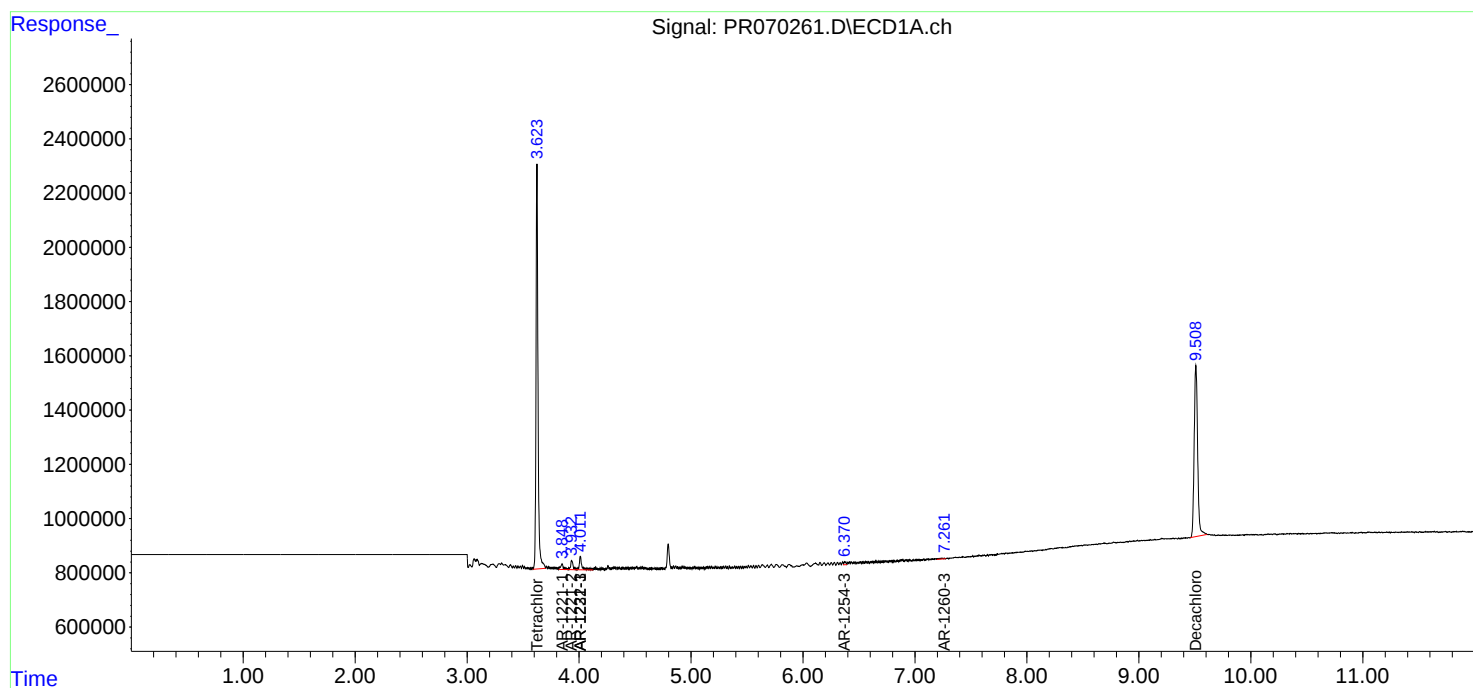
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

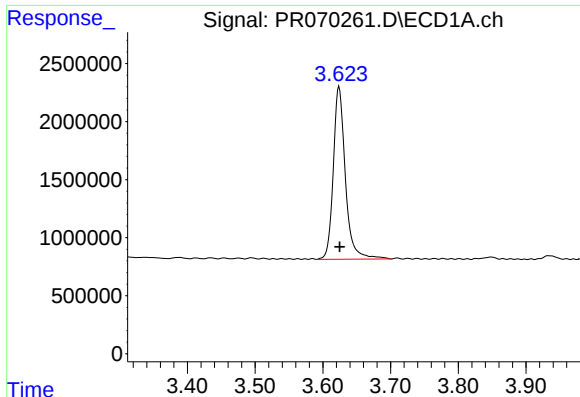
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 18:21
Operator : AJ\MA
Sample : Q1168-07
Misc : AR1221 LOD 25 PPB
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 00:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021025.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 10 14:13:17 2025
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

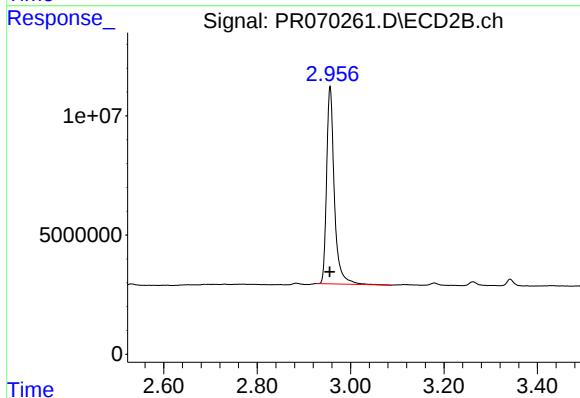




#1 Tetrachloro-m-xylene

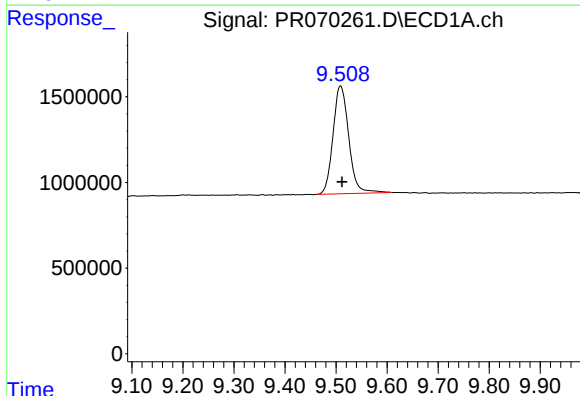
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18420411
Conc: 16.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



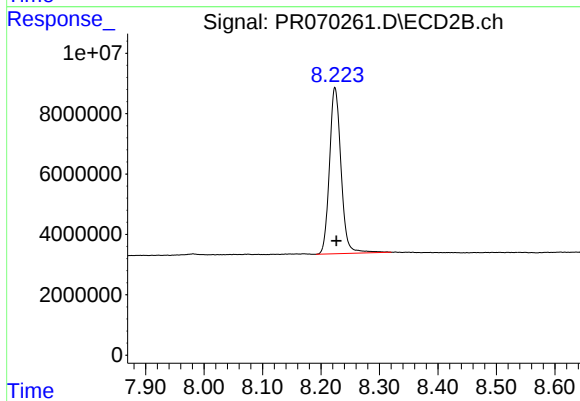
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 94815924
Conc: 16.26 ng/ml



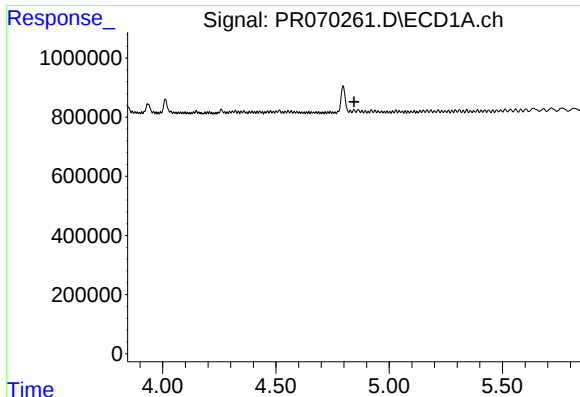
#2 Decachlorobiphenyl

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 13518063
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

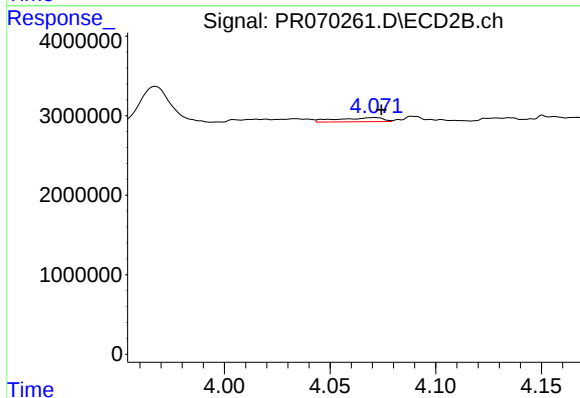
R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 75640018
Conc: 18.47 ng/ml



#3 AR-1016-1

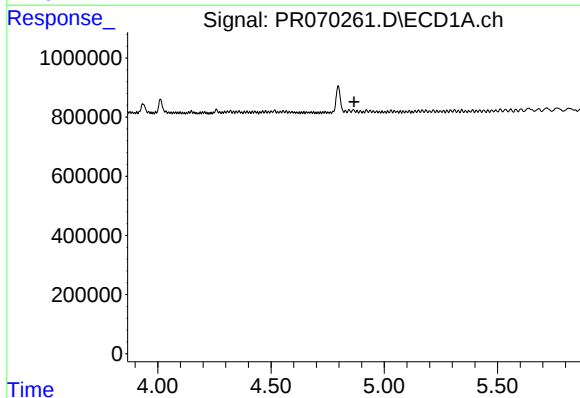
R.T.: 0.000 min
Exp R.T.: 4.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



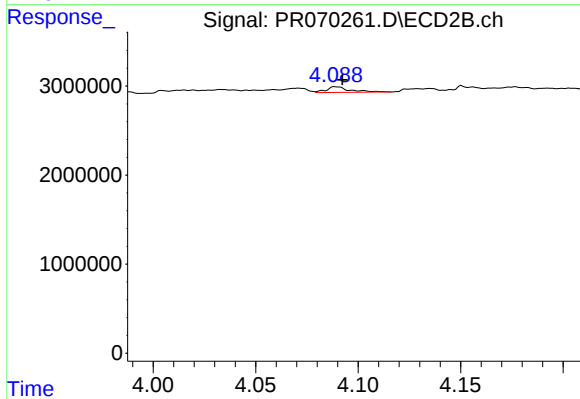
#3 AR-1016-1

R.T.: 4.071 min
Delta R.T.: -0.003 min
Response: 771061
Conc: 4.89 ng/ml



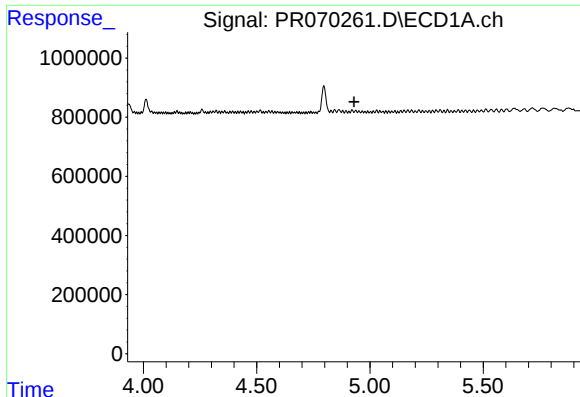
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.



#4 AR-1016-2

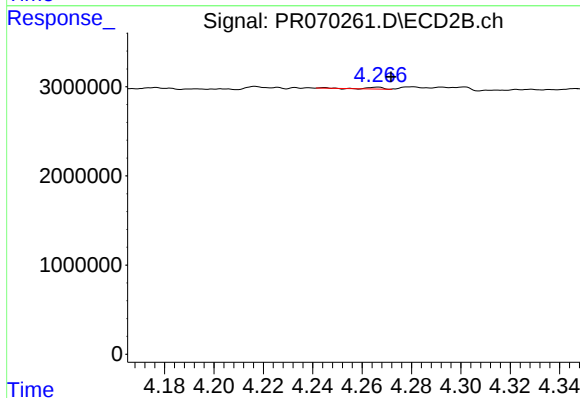
R.T.: 4.090 min
Delta R.T.: -0.003 min
Response: 520937
Conc: 2.19 ng/ml



#5 AR-1016-3

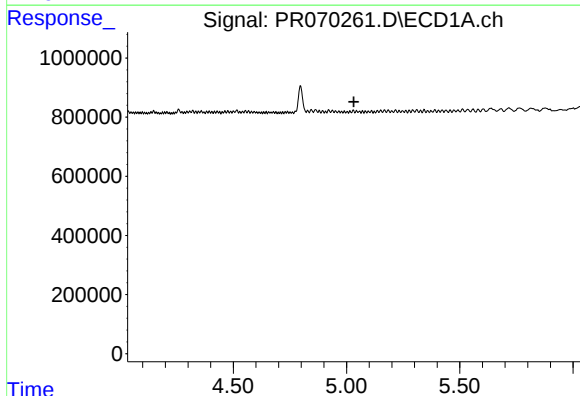
R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



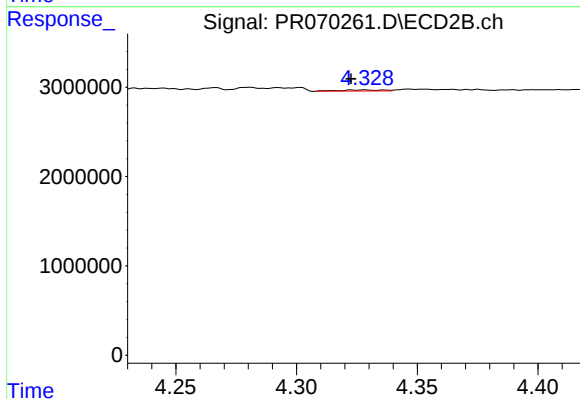
#5 AR-1016-3

R.T.: 4.266 min
Delta R.T.: -0.006 min
Response: 88409
Conc: 0.70 ng/ml



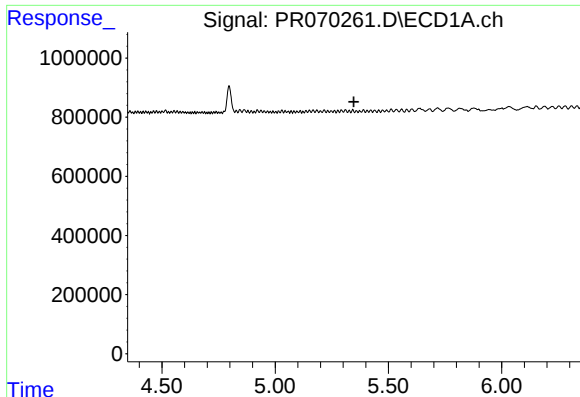
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.



#6 AR-1016-4

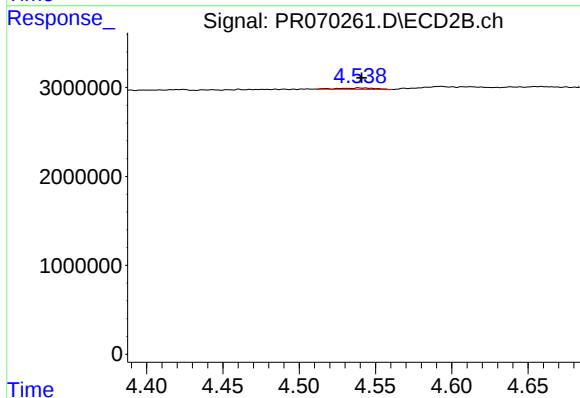
R.T.: 4.328 min
Delta R.T.: 0.005 min
Response: 169034
Conc: 1.54 ng/ml



#7 AR-1016-5

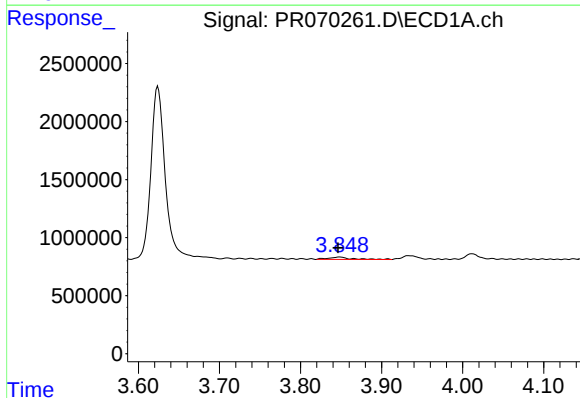
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



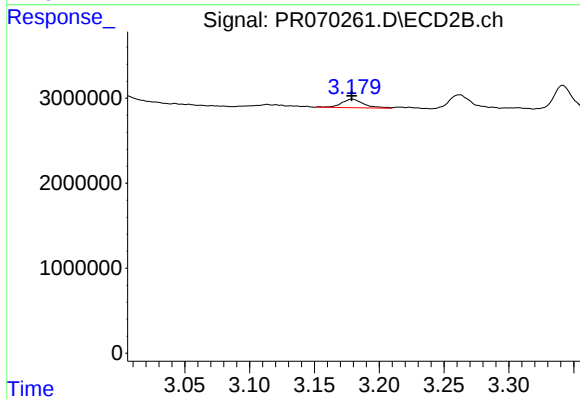
#7 AR-1016-5

R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 246290
Conc: 1.81 ng/ml



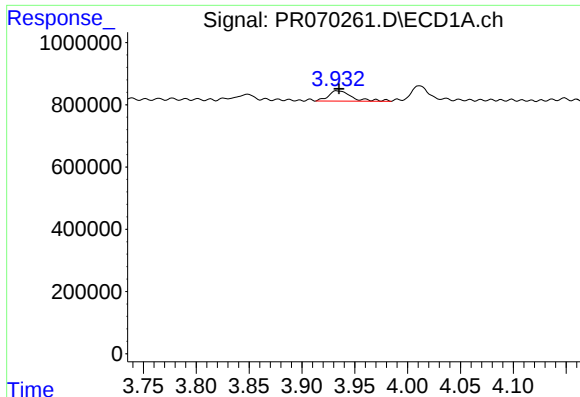
#8 AR-1221-1

R.T.: 3.849 min
Delta R.T.: 0.002 min
Response: 396826
Conc: 30.40 ng/ml



#8 AR-1221-1

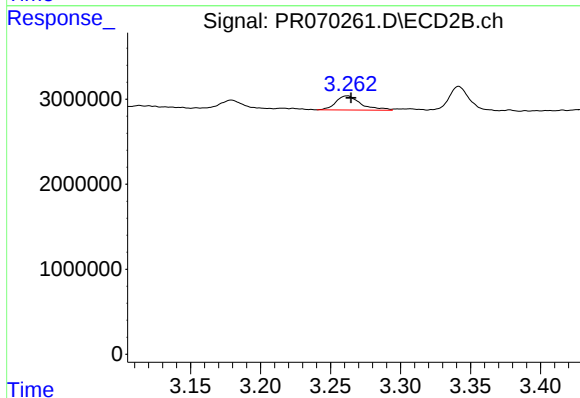
R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 1191811
Conc: 17.41 ng/ml



#9 AR-1221-2

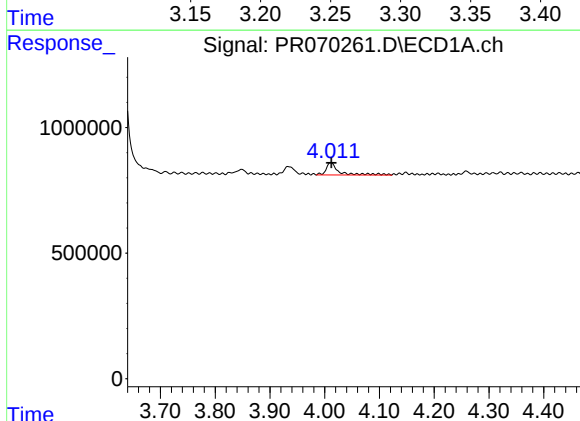
R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 510941
Conc: 52.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



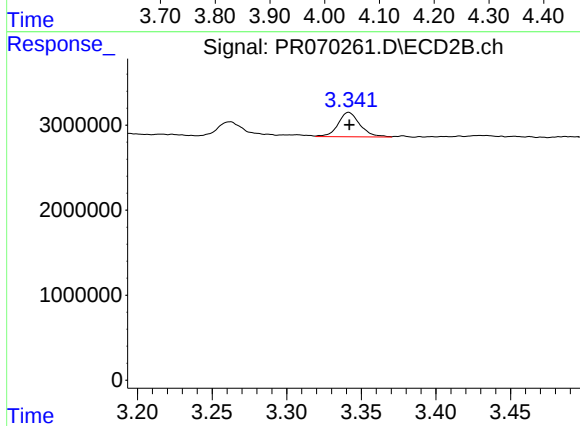
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.003 min
Response: 2086458
Conc: 40.75 ng/ml



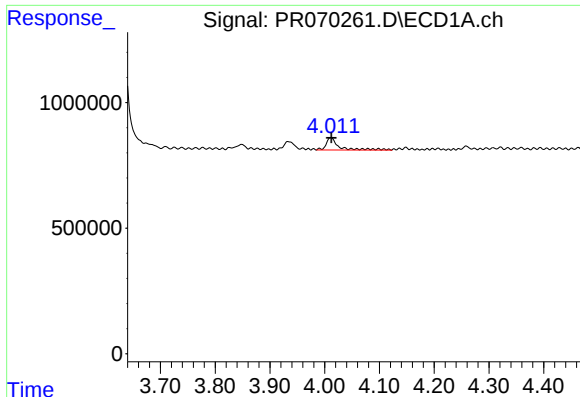
#10 AR-1221-3

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 816210
Conc: 26.69 ng/ml



#10 AR-1221-3

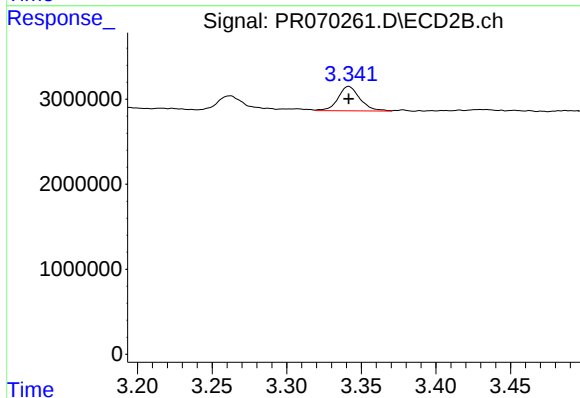
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2919674
Conc: 18.75 ng/ml



#11 AR-1232-1

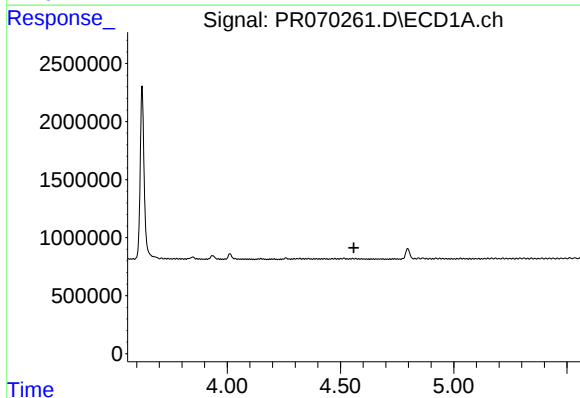
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 816210
Conc: 34.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



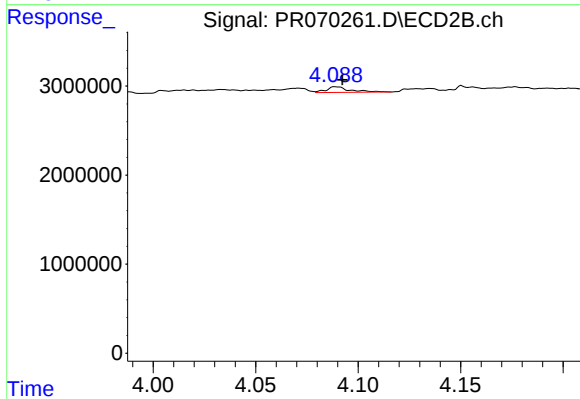
#11 AR-1232-1

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2919674
Conc: 24.42 ng/ml



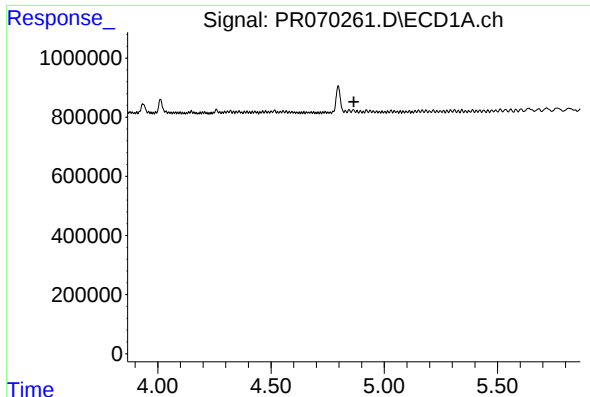
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.559 min
Response: 0
Conc: N.D.



#12 AR-1232-2

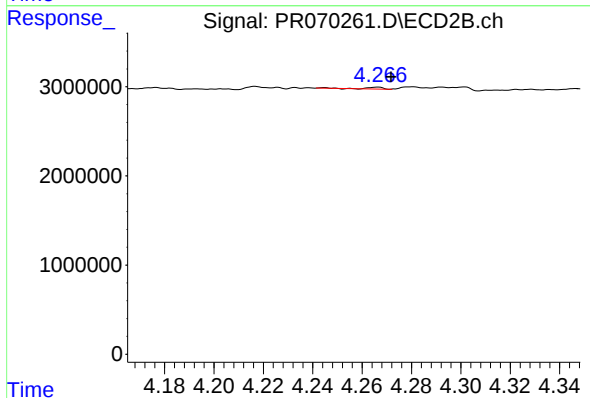
R.T.: 4.090 min
Delta R.T.: -0.003 min
Response: 520937
Conc: 4.69 ng/ml



#13 AR-1232-3

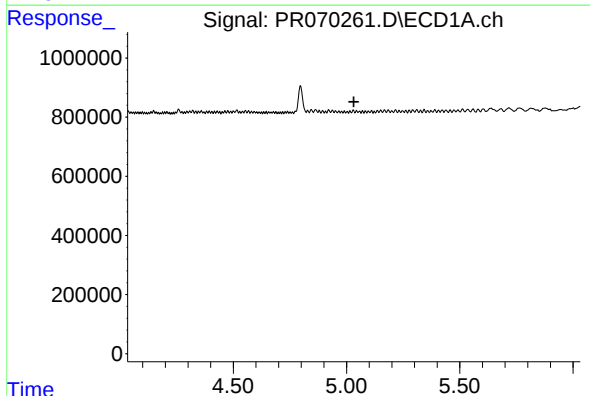
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



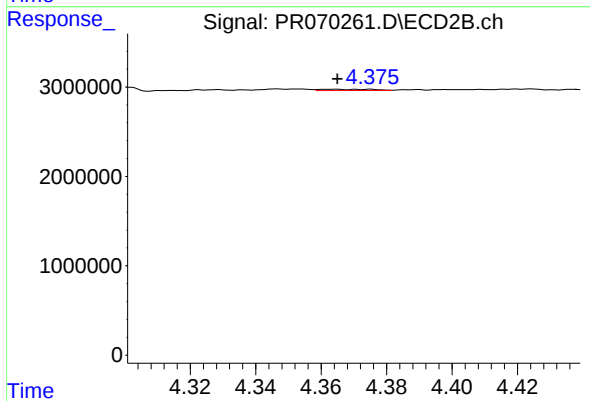
#13 AR-1232-3

R.T.: 4.266 min
Delta R.T.: -0.006 min
Response: 88409
Conc: 1.53 ng/ml



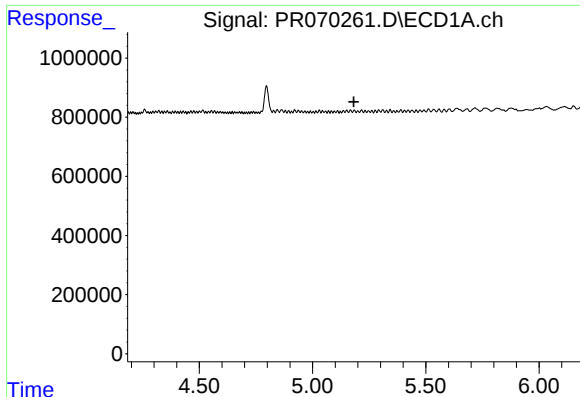
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.



#14 AR-1232-4

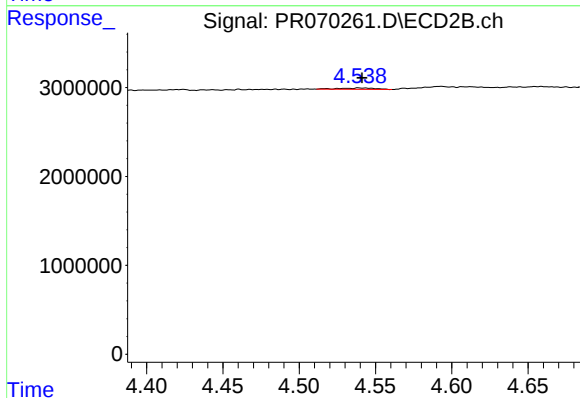
R.T.: 4.375 min
Delta R.T.: 0.010 min
Response: 163724
Conc: 3.09 ng/ml



#15 AR-1232-5

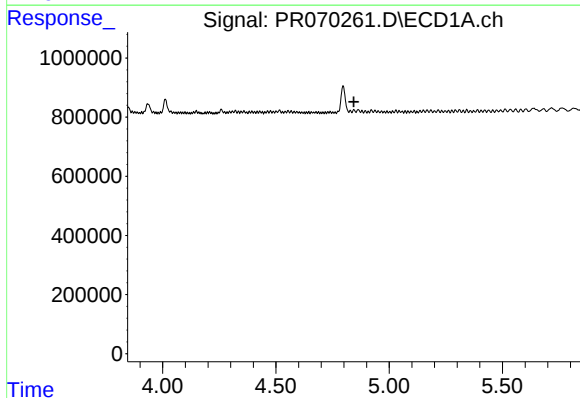
R.T.: 0.000 min
Exp R.T.: 5.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



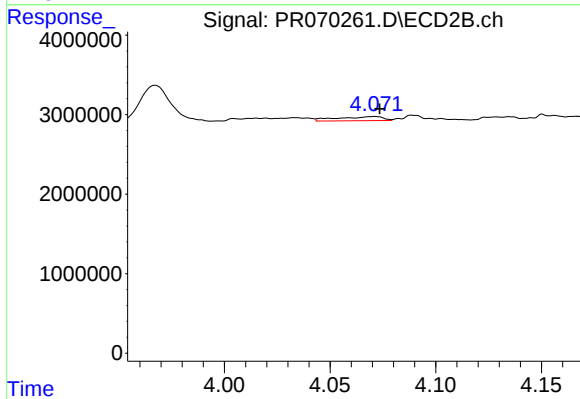
#15 AR-1232-5

R.T.: 4.539 min
Delta R.T.: -0.002 min
Response: 246290
Conc: 4.30 ng/ml



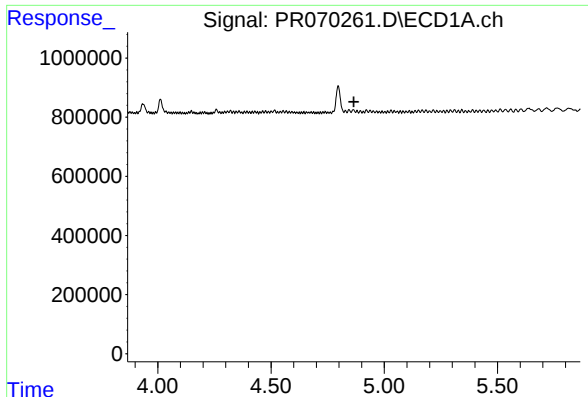
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.



#16 AR-1242-1

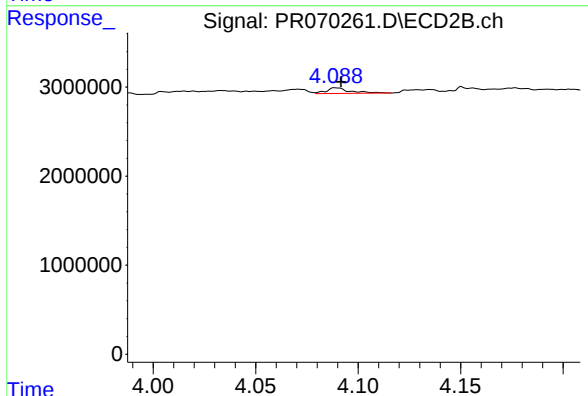
R.T.: 4.071 min
Delta R.T.: -0.003 min
Response: 771061
Conc: 5.96 ng/ml



#17 AR-1242-2

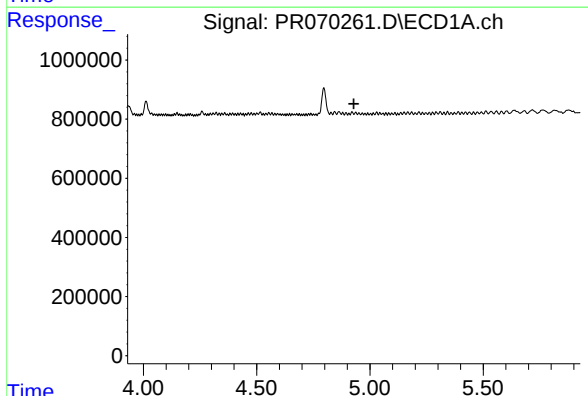
R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



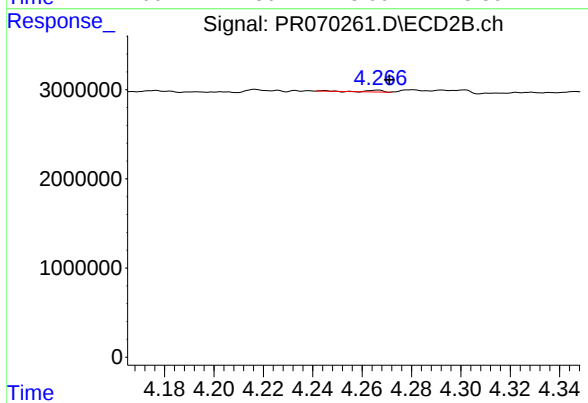
#17 AR-1242-2

R.T.: 4.090 min
Delta R.T.: -0.002 min
Response: 520937
Conc: 2.68 ng/ml



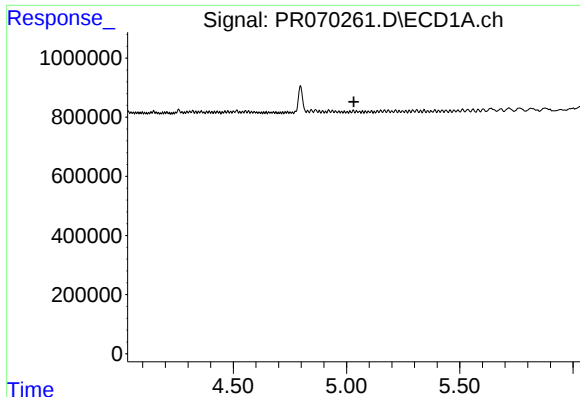
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.930 min
Response: 0
Conc: N.D.



#18 AR-1242-3

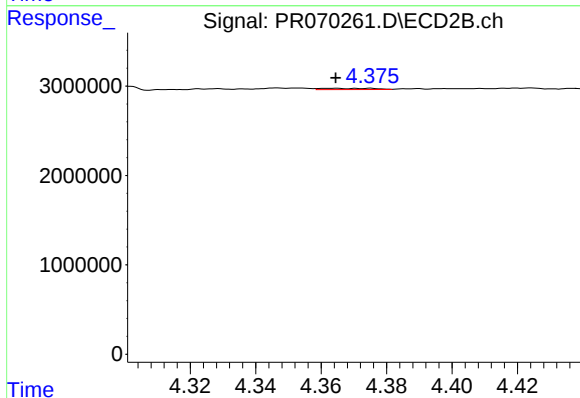
R.T.: 4.266 min
Delta R.T.: -0.005 min
Response: 88409
Conc: 0.85 ng/ml



#19 AR-1242-4

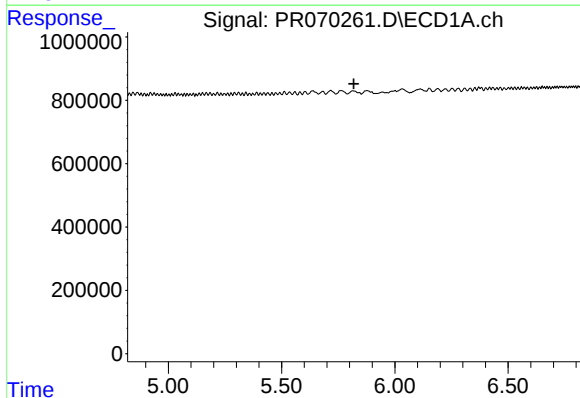
R.T.: 0.000 min
Exp R.T.: 5.032 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



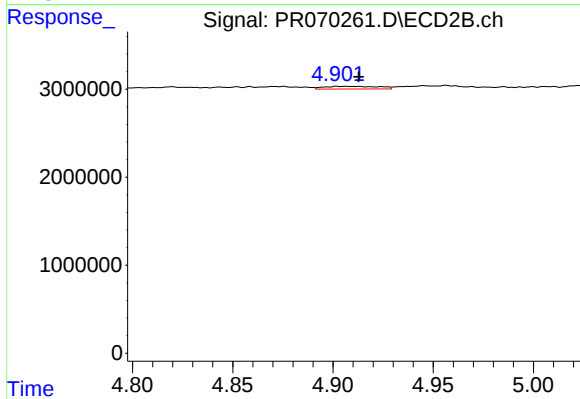
#19 AR-1242-4

R.T.: 4.375 min
Delta R.T.: 0.010 min
Response: 163724
Conc: 1.60 ng/ml



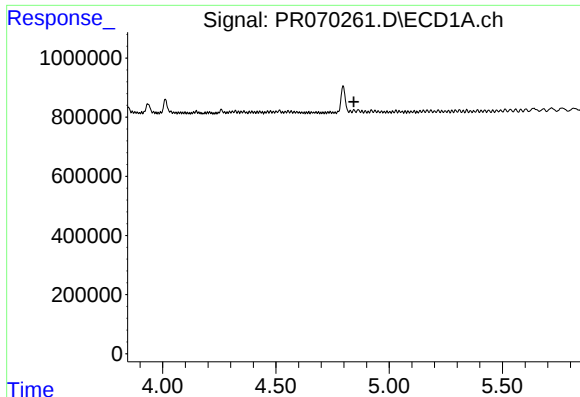
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.



#20 AR-1242-5

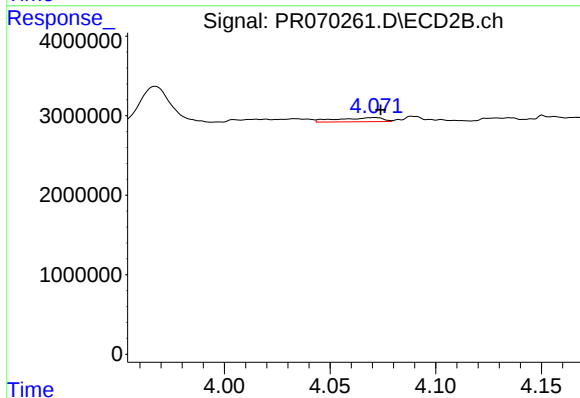
R.T.: 4.907 min
Delta R.T.: -0.006 min
Response: 586956
Conc: 5.12 ng/ml



#21 AR-1248-1

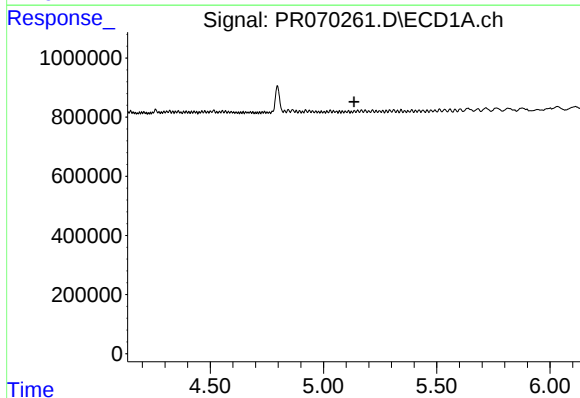
R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



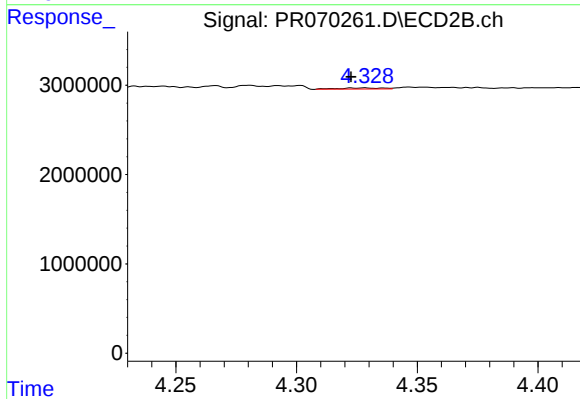
#21 AR-1248-1

R.T.: 4.071 min
Delta R.T.: -0.003 min
Response: 771061
Conc: 7.99 ng/ml



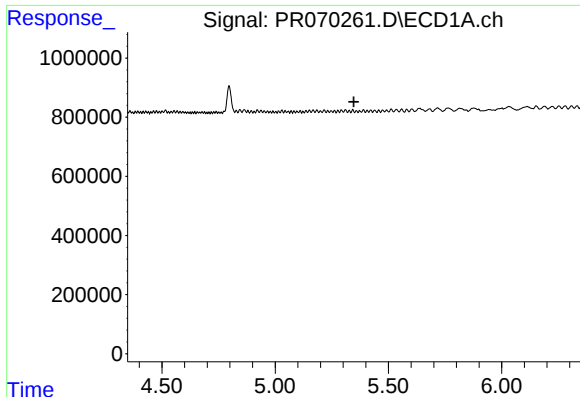
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.135 min
Response: 0
Conc: N.D.



#22 AR-1248-2

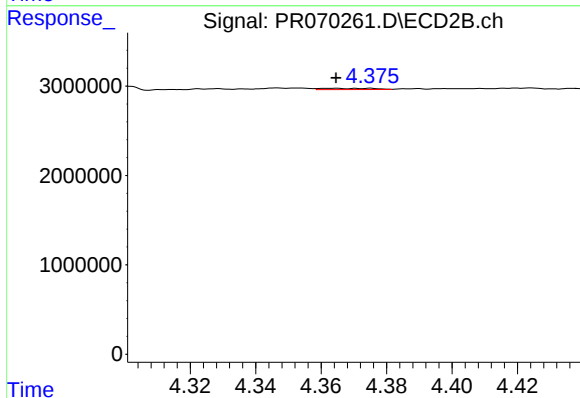
R.T.: 4.328 min
Delta R.T.: 0.006 min
Response: 169034
Conc: 1.17 ng/ml



#23 AR-1248-3

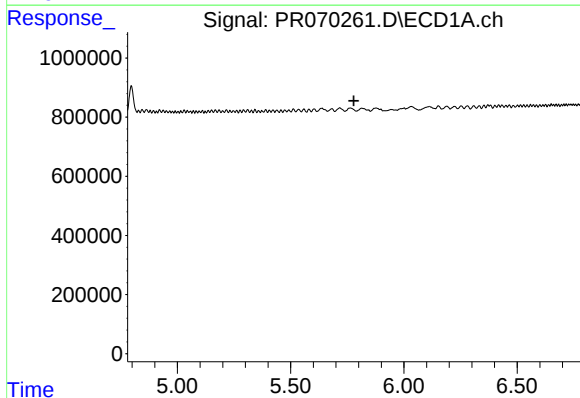
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



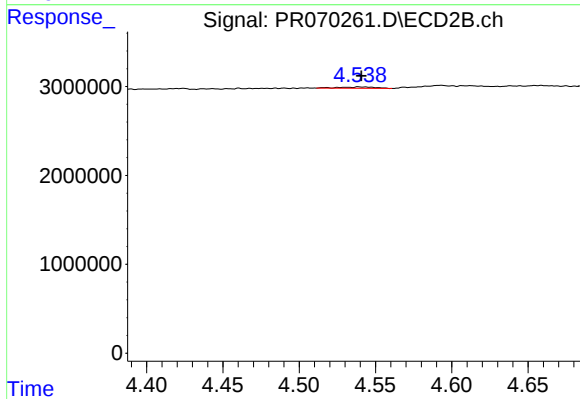
#23 AR-1248-3

R.T.: 4.375 min
Delta R.T.: 0.010 min
Response: 163724
Conc: 1.11 ng/ml



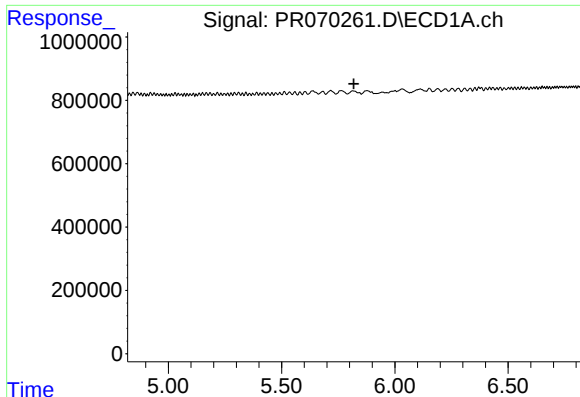
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 5.779 min
Response: 0
Conc: N.D.



#24 AR-1248-4

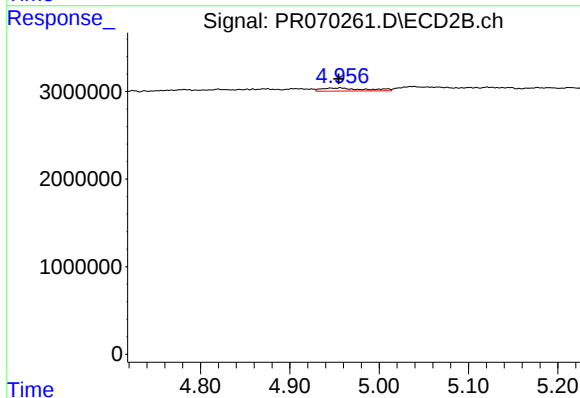
R.T.: 4.539 min
Delta R.T.: -0.001 min
Response: 246290
Conc: 1.40 ng/ml



#25 AR-1248-5

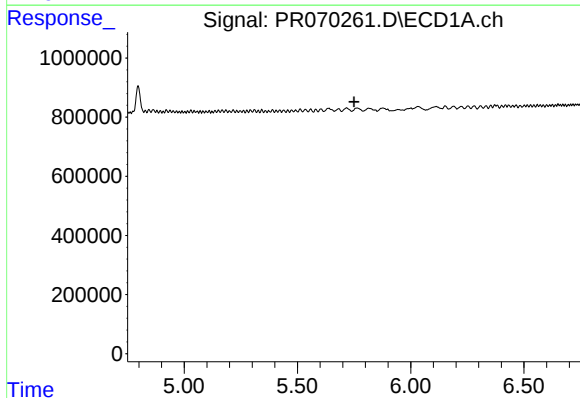
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



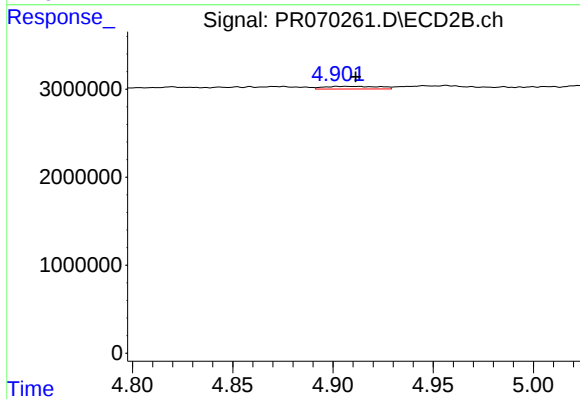
#25 AR-1248-5

R.T.: 4.956 min
Delta R.T.: 0.002 min
Response: 1158905
Conc: 7.72 ng/ml



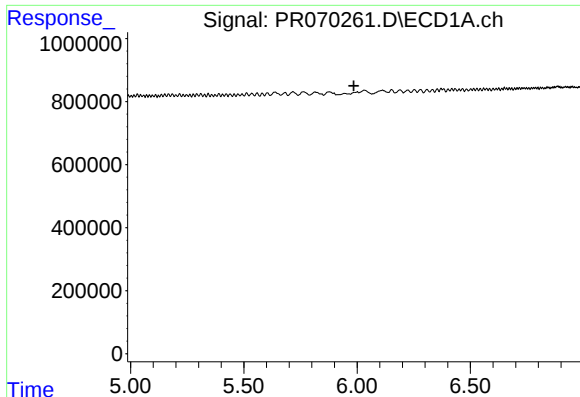
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.750 min
Response: 0
Conc: N.D.



#26 AR-1254-1

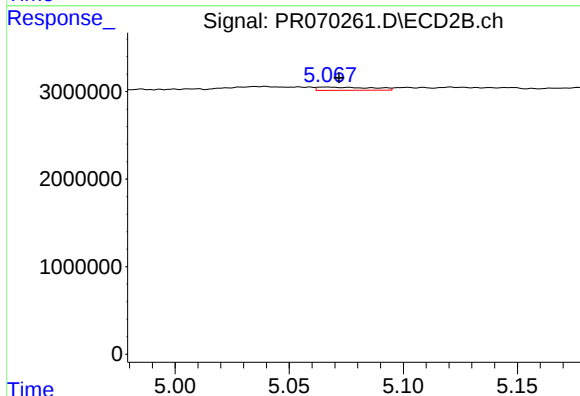
R.T.: 4.907 min
Delta R.T.: -0.005 min
Response: 586956
Conc: 2.32 ng/ml



#27 AR-1254-2

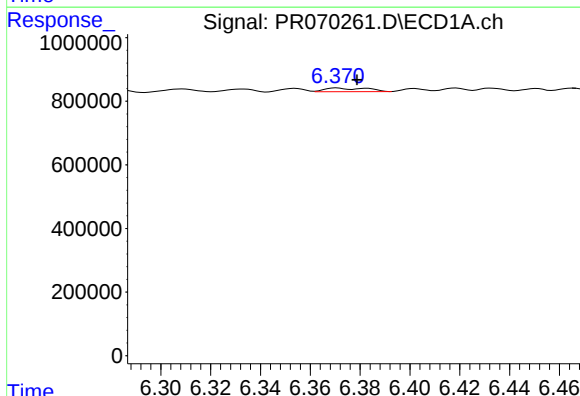
R.T.: 0.000 min
Exp R.T.: 5.986 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



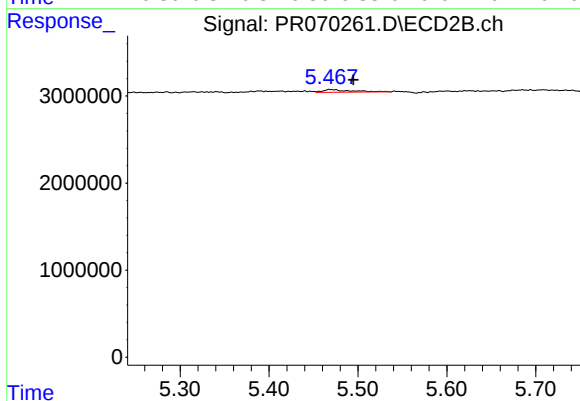
#27 AR-1254-2

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 602995
Conc: 2.77 ng/ml



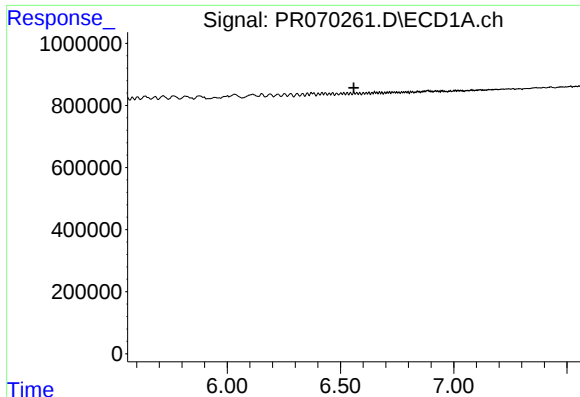
#28 AR-1254-3

R.T.: 6.371 min
Delta R.T.: -0.008 min
Response: 139221
Conc: 2.61 ng/ml



#28 AR-1254-3

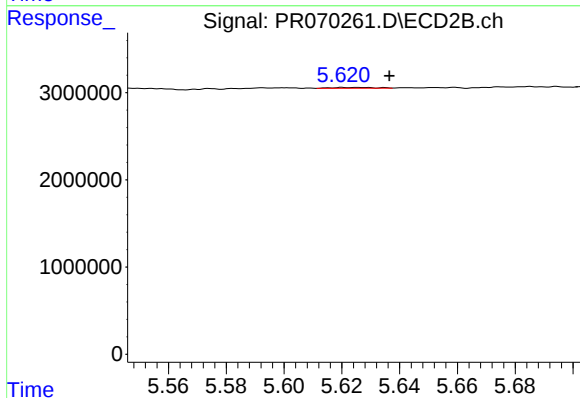
R.T.: 5.470 min
Delta R.T.: -0.025 min
Response: 684568
Conc: 2.14 ng/ml



#31 AR-1260-1

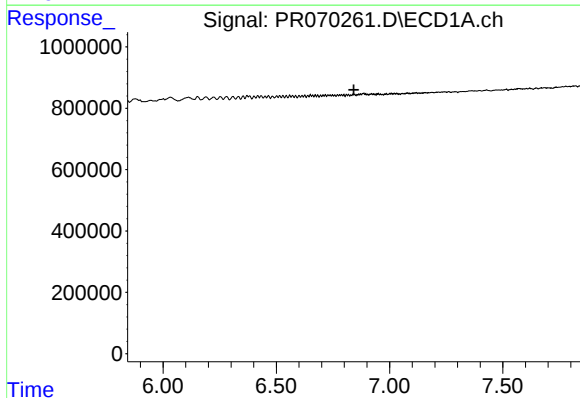
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



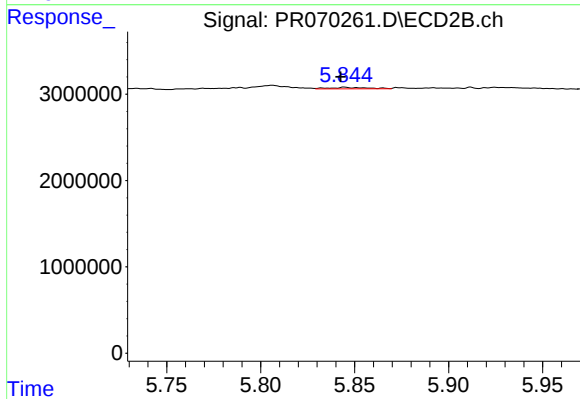
#31 AR-1260-1

R.T.: 5.625 min
Delta R.T.: -0.012 min
Response: 104173
Conc: 0.47 ng/ml



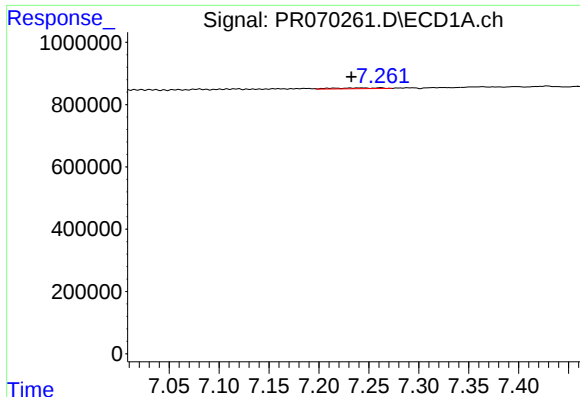
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.842 min
Response: 0
Conc: N.D.



#32 AR-1260-2

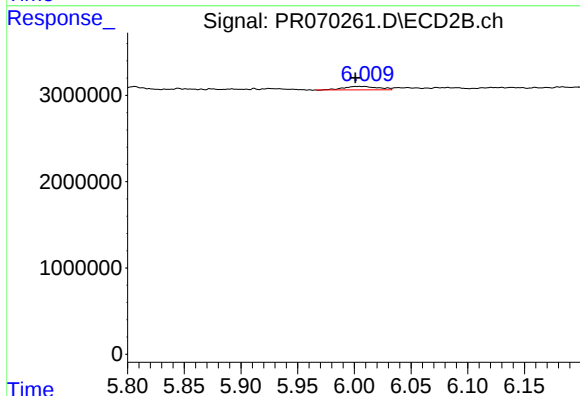
R.T.: 5.845 min
Delta R.T.: 0.003 min
Response: 236684
Conc: 0.96 ng/ml



#33 AR-1260-3

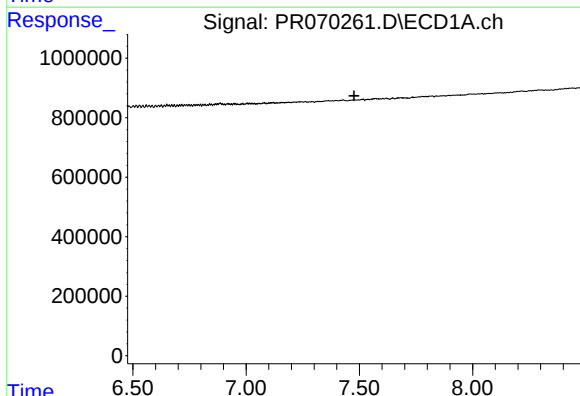
R.T.: 7.262 min
Delta R.T.: 0.029 min
Response: 79734
Conc: 2.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



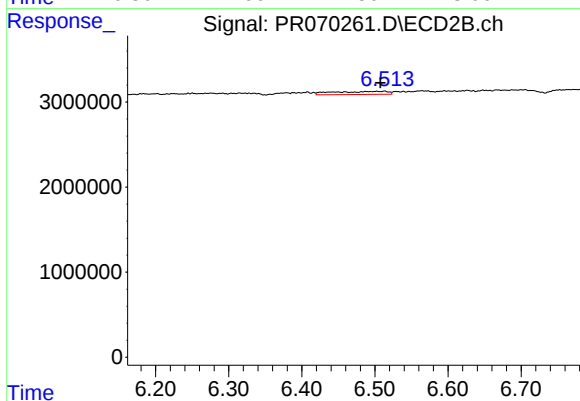
#33 AR-1260-3

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 848550
Conc: 3.56 ng/ml



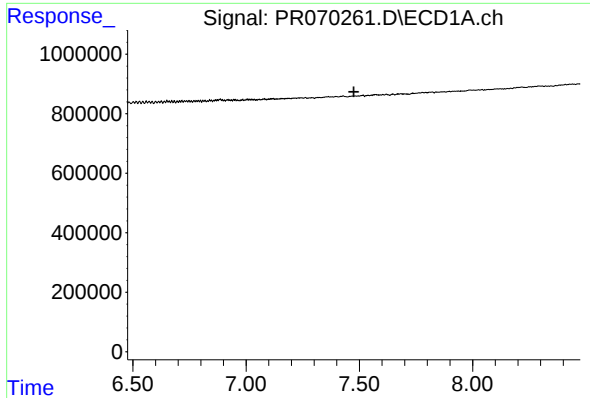
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.476 min
Response: 0
Conc: N.D.



#34 AR-1260-4

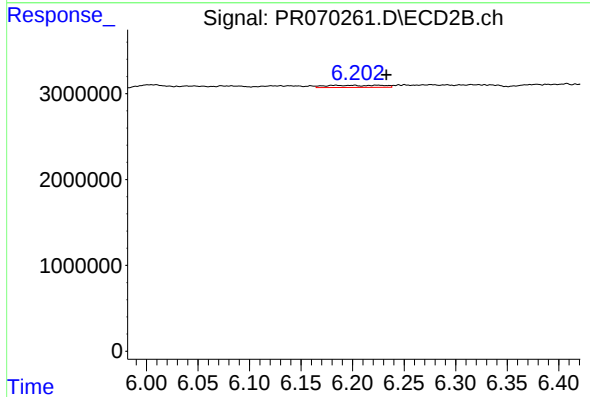
R.T.: 6.513 min
Delta R.T.: 0.005 min
Response: 1901330
Conc: 9.65 ng/ml



#36 AR-1262-1

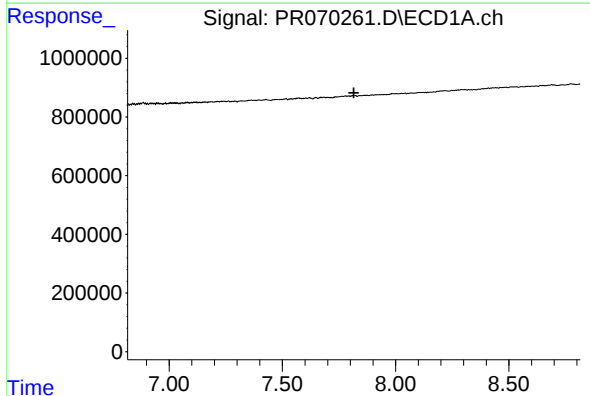
R.T.: 0.000 min
Exp R.T.: 7.476 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



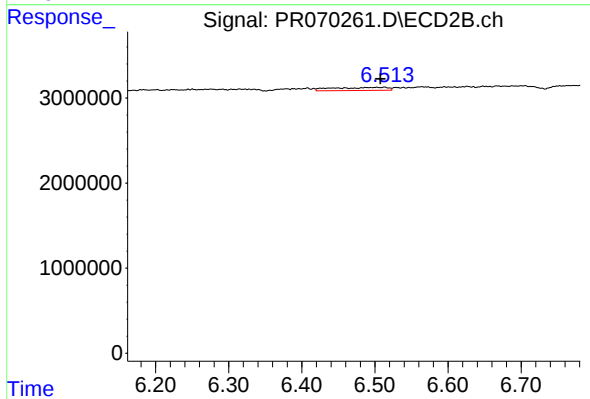
#36 AR-1262-1

R.T.: 6.225 min
Delta R.T.: -0.008 min
Response: 917713
Conc: 2.98 ng/ml



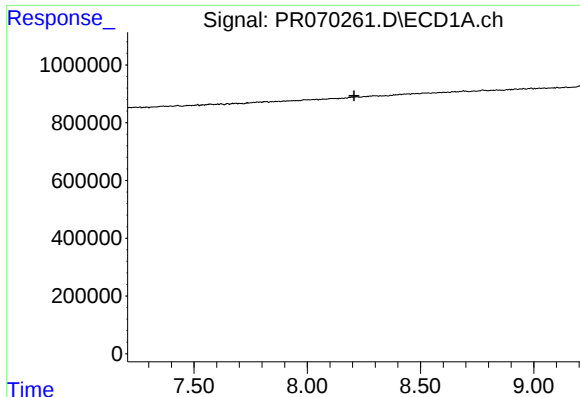
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.815 min
Response: 0
Conc: N.D.



#37 AR-1262-2

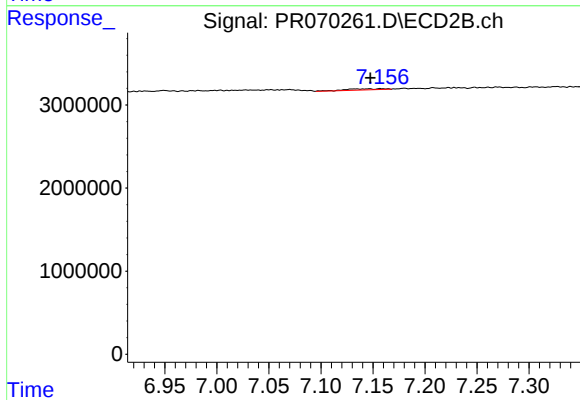
R.T.: 6.513 min
Delta R.T.: 0.005 min
Response: 1901330
Conc: 7.04 ng/ml



#39 AR-1262-4

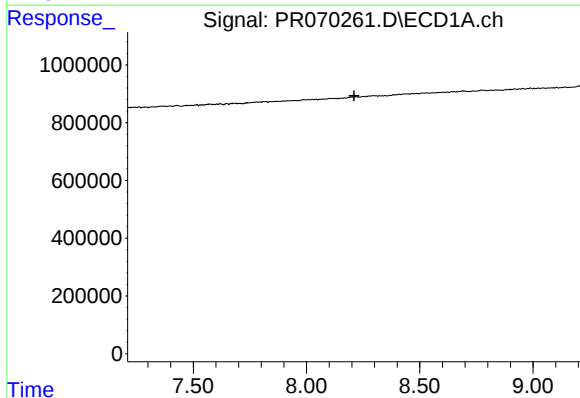
R.T.: 0.000 min
Exp R.T.: 8.206 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



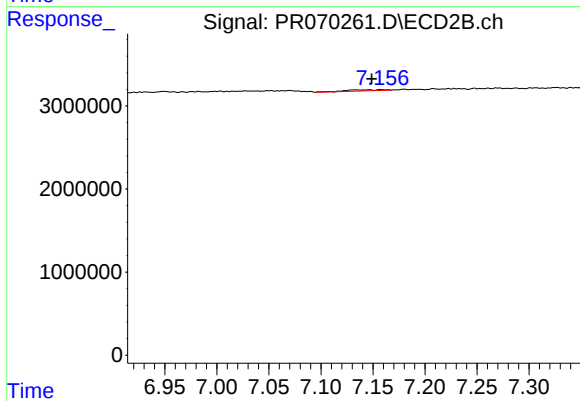
#39 AR-1262-4

R.T.: 7.159 min
Delta R.T.: 0.011 min
Response: 363941
Conc: 1.01 ng/ml



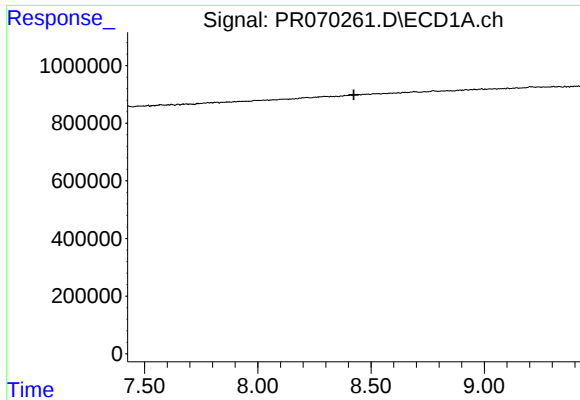
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.



#42 AR-1268-2

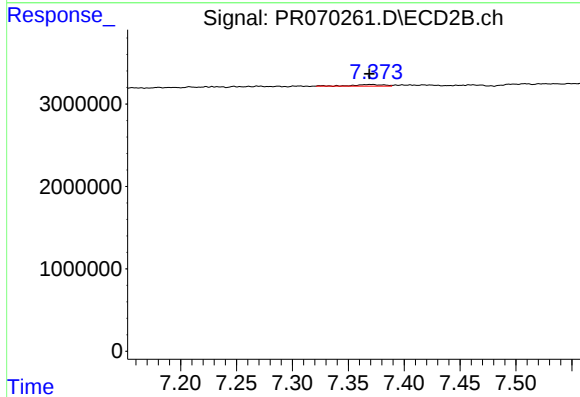
R.T.: 7.159 min
Delta R.T.: 0.010 min
Response: 363941
Conc: 0.69 ng/ml



#43 AR-1268-3

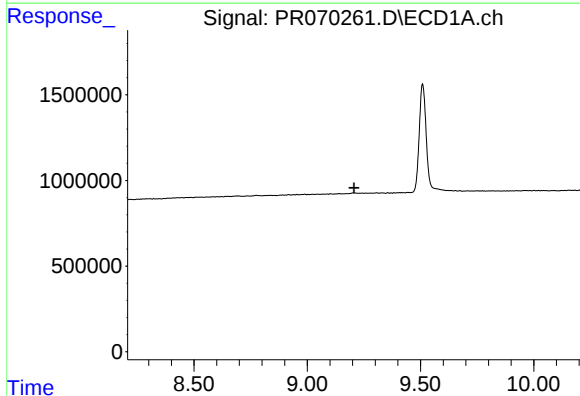
R.T.: 0.000 min
Exp R.T.: 8.424 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



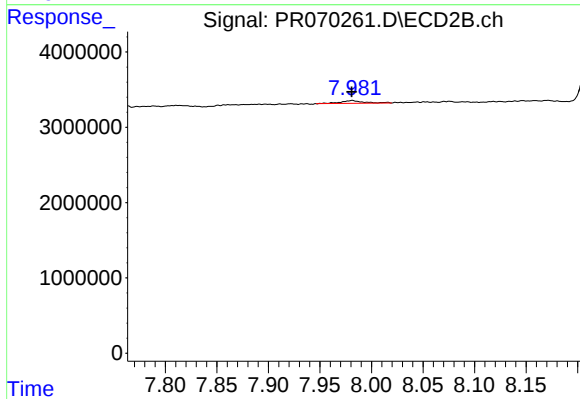
#43 AR-1268-3

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 367042
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.207 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 573946
Conc: 0.41 ng/ml