

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080624\
 Data File : PR068064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2024 01:00
 Operator : AJ\MA
 Sample : P3390-07
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 03:30:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 07 00:26:28 2024
 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...	3.678	3.011	49941089	97370103	19.632	22.329
2) SA Decachlor...	9.580	8.330	101.4E6	115.9E6	23.114	25.589
Target Compounds						
3) L1 AR-1016-1	4.915	4.168f	380145	417192	6.505	2.776 #
4) L1 AR-1016-2	4.915	4.168	380145	417192	3.429	1.988 #
5) L1 AR-1016-3	4.969f	4.360f	135698	274344	1.767	2.405 #
6) L1 AR-1016-4	0.000	4.416f	0	680198	N.D.	7.113 #
8) L2 AR-1221-1	3.888	0.000	520284	0	18.930	N.D. #
9) L2 AR-1221-2	3.989	3.318	1025241	1925570	45.625	26.218 #
12) L3 AR-1232-2	0.000	4.168	0	417192	N.D.	4.141 #
13) L3 AR-1232-3	4.915	4.360f	380145	274344	7.051	5.052 #
14) L3 AR-1232-4	0.000	4.436	0	89235	N.D.	1.786 #
15) L3 AR-1232-5	5.220f	0.000	54339	0	3.528	N.D. #
16) L4 AR-1242-1	4.915	4.168f	380145	417192	7.771	2.737 #
17) L4 AR-1242-2	4.915	4.168	380145	417192	4.184	1.951 #
18) L4 AR-1242-3	5.009f	4.360f	267861	274344	4.268	2.582 #
19) L4 AR-1242-4	5.121f	4.436	149220	89235	2.990	0.887 #
20) L4 AR-1242-5	0.000	4.984	0	209117	N.D.	1.333 #
21) L5 AR-1248-1	4.915	4.168f	380145	417192	9.905	3.506 #
22) L5 AR-1248-2	5.220f	4.416f	54339	680198	1.036	3.609 #
23) L5 AR-1248-3	0.000	4.436	0	89235	N.D.	0.468 #
24) L5 AR-1248-4	5.814f	0.000	165119	0	2.221	N.D. #
25) L5 AR-1248-5	0.000	5.023	0	289371	N.D.	1.362 #
26) L6 AR-1254-1	5.814	4.984	165119	209117	2.314	0.818 #
27) L6 AR-1254-2	6.055	5.149	270545	357907	2.411	1.557 #
28) L6 AR-1254-3	0.000	5.561f	0	796012	N.D.	2.206 #
30) L6 AR-1254-5	0.000	6.260f	0	232190	N.D.	0.703 #
31) L7 AR-1260-1	6.628	5.716	113891	109007	1.232	0.445 #
32) L7 AR-1260-2	0.000	5.924	0	137954	N.D.	0.475 #
33) L7 AR-1260-3	7.288	6.091	3145917	946223	22.719	3.446 #
34) L7 AR-1260-4	7.553f	6.598	4107058	5409295	32.404	25.800
35) L7 AR-1260-5	7.867	6.862	2034070	1999289	5.580	4.130 #
36) L8 AR-1262-1	7.288	6.321	3145917	4388399	15.794	12.704
37) L8 AR-1262-2	7.867	6.862	2034070	1999289	4.697	3.287 #
38) L8 AR-1262-3	8.170	7.171	17588981	21147885	56.172	88.568 #
39) L8 AR-1262-4	8.261	7.240	15953992	18498899	58.104	41.630 #
40) L8 AR-1262-5	8.884	7.777	5187324	6560192	27.404	32.208
41) L9 AR-1268-1	8.170	7.171	17588981	21147885	29.167	28.643
42) L9 AR-1268-2	8.261	7.240	15953992	18498899	27.993	27.401
43) L9 AR-1268-3	8.479	7.466	15503962	16976571	27.932	27.527
44) L9 AR-1268-4	8.884	7.777	5187324	6560192	25.609	31.458
45) L9 AR-1268-5	9.268	8.075	43596938	48387804	27.877	33.886

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ECD_R
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LOD-MDL-WATER-01-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 03:30:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 07 00:26:28 2024
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

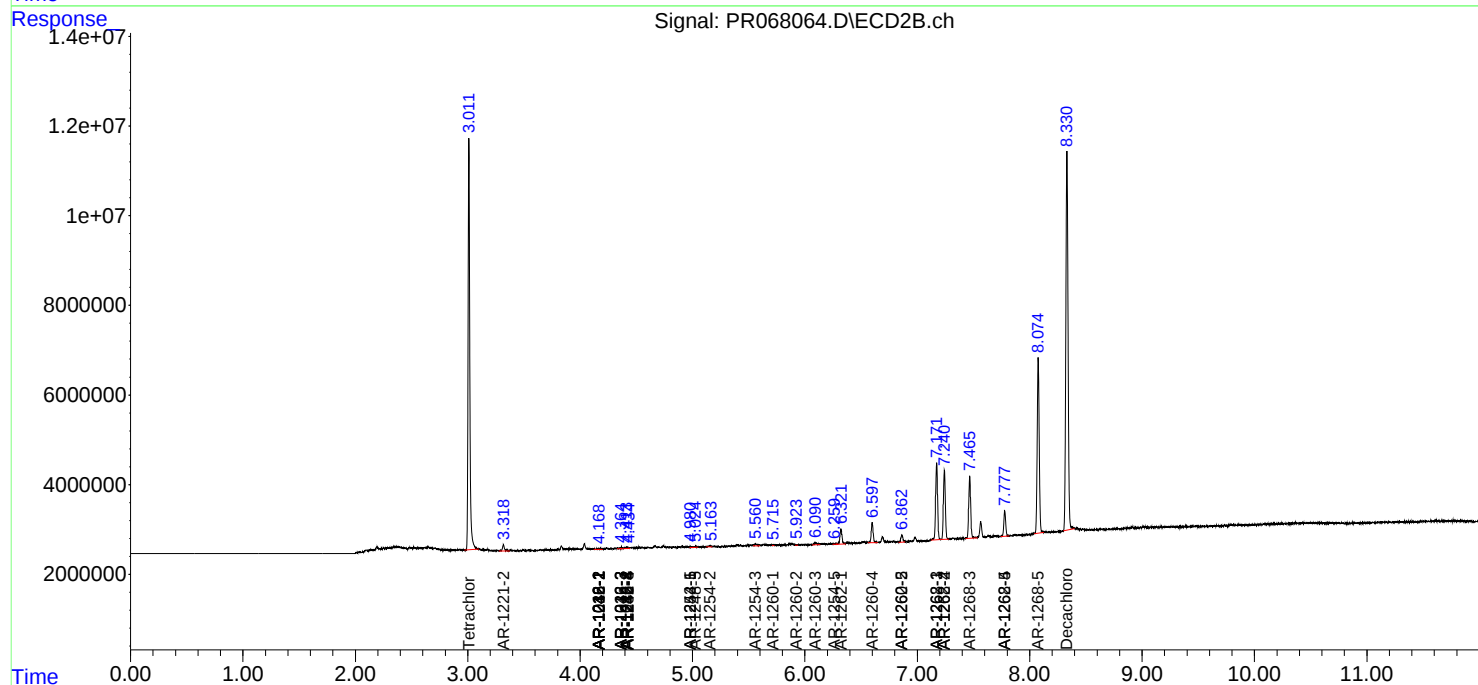
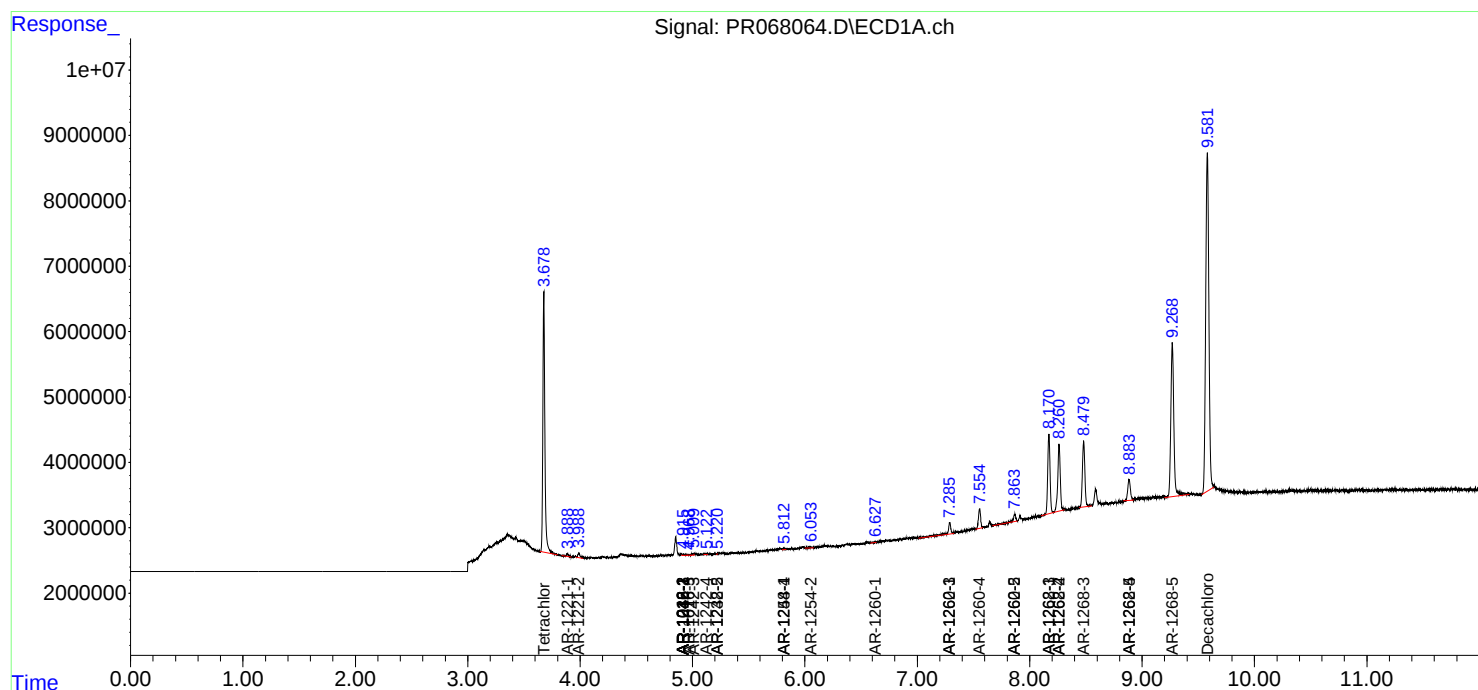
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

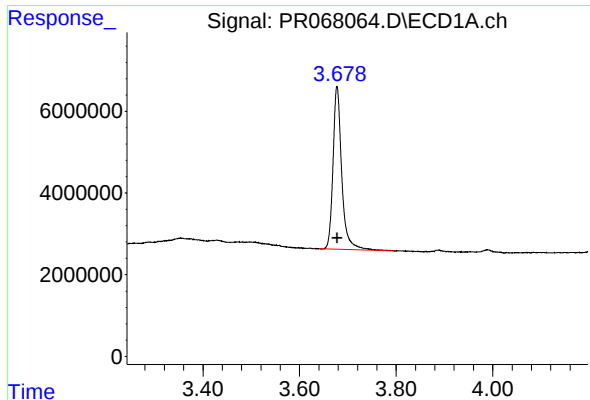
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080624\
Data File : PR068064.D
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Acq On : 07 Aug 2024 01:00
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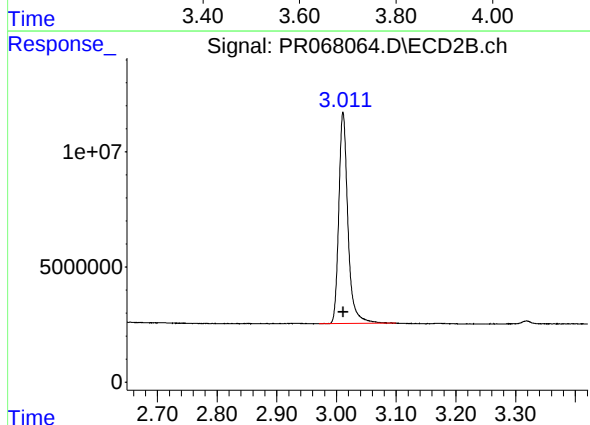




#1 Tetrachloro-m-xylene

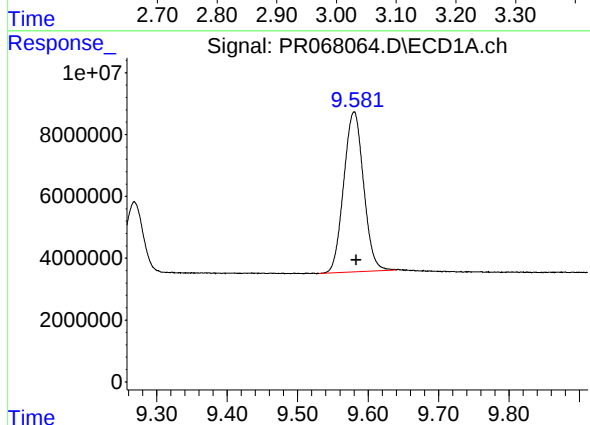
R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 49941089
Conc: 19.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



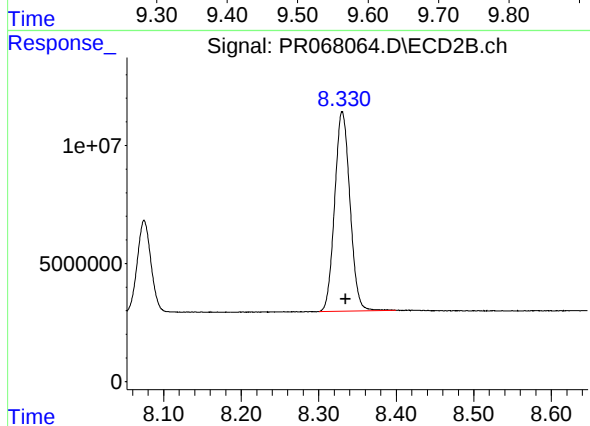
#1 Tetrachloro-m-xylene

R.T.: 3.011 min
Delta R.T.: 0.000 min
Response: 97370103
Conc: 22.33 ng/ml



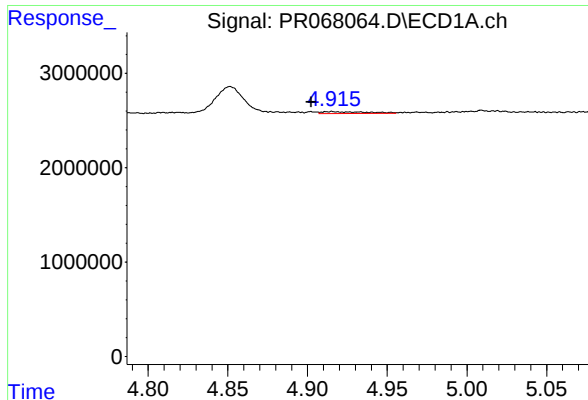
#2 Decachlorobiphenyl

R.T.: 9.580 min
Delta R.T.: -0.003 min
Response: 101422607
Conc: 23.11 ng/ml



#2 Decachlorobiphenyl

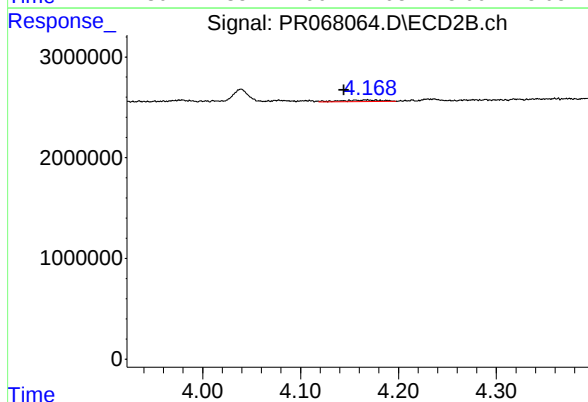
R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 115946365
Conc: 25.59 ng/ml



#3 AR-1016-1

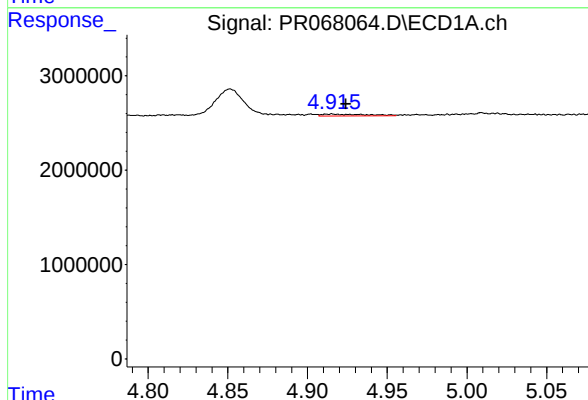
R.T.: 4.915 min
Delta R.T.: 0.013 min
Response: 380145
Conc: 6.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



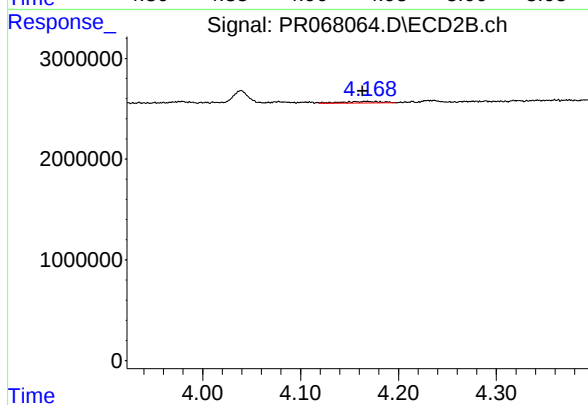
#3 AR-1016-1

R.T.: 4.168 min
Delta R.T.: 0.024 min
Response: 417192
Conc: 2.78 ng/ml



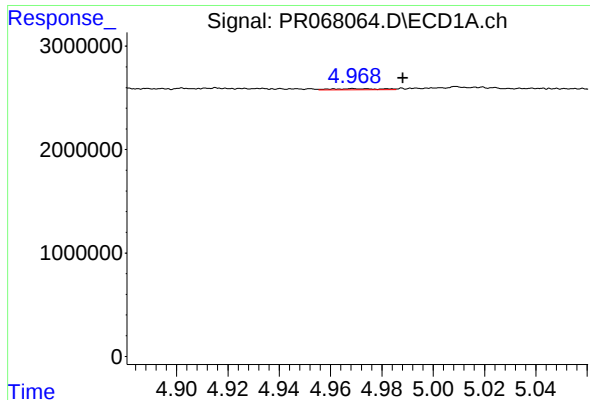
#4 AR-1016-2

R.T.: 4.915 min
Delta R.T.: -0.009 min
Response: 380145
Conc: 3.43 ng/ml



#4 AR-1016-2

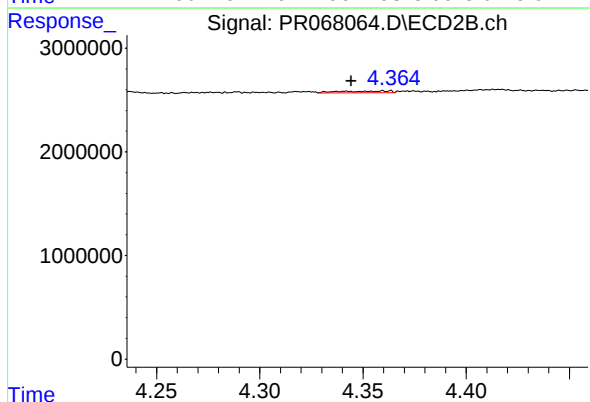
R.T.: 4.168 min
Delta R.T.: 0.005 min
Response: 417192
Conc: 1.99 ng/ml



#5 AR-1016-3

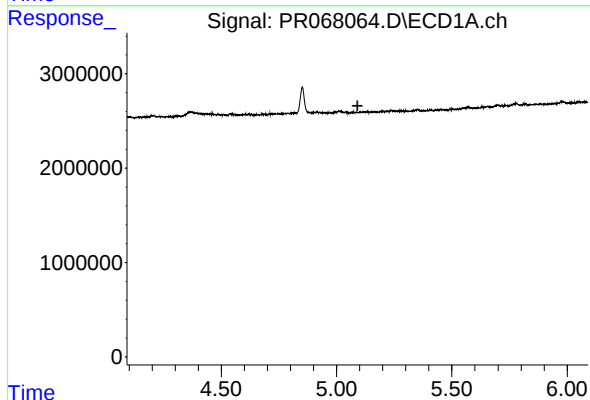
R.T.: 4.969 min
Delta R.T.: -0.019 min
Response: 135698
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



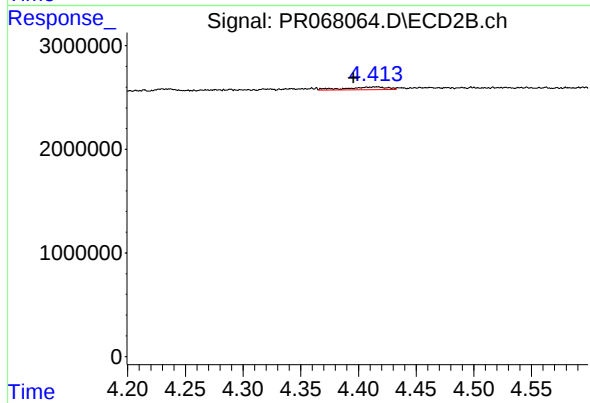
#5 AR-1016-3

R.T.: 4.360 min
Delta R.T.: 0.015 min
Response: 274344
Conc: 2.41 ng/ml



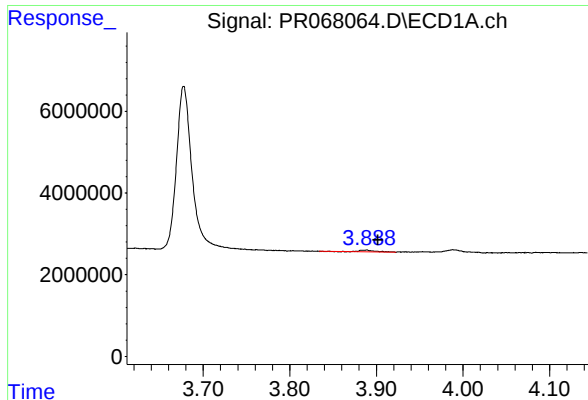
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.091 min
Response: 0
Conc: N.D.



#6 AR-1016-4

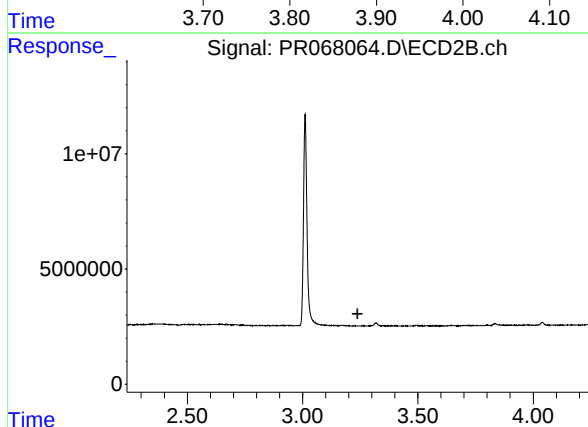
R.T.: 4.416 min
Delta R.T.: 0.020 min
Response: 680198
Conc: 7.11 ng/ml



#8 AR-1221-1

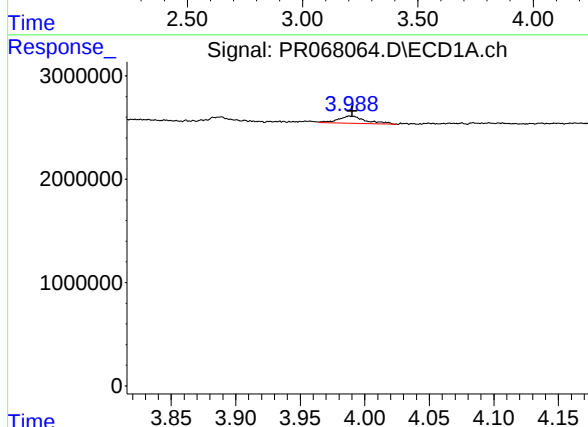
R.T.: 3.888 min
Delta R.T.: -0.014 min
Response: 520284
Conc: 18.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



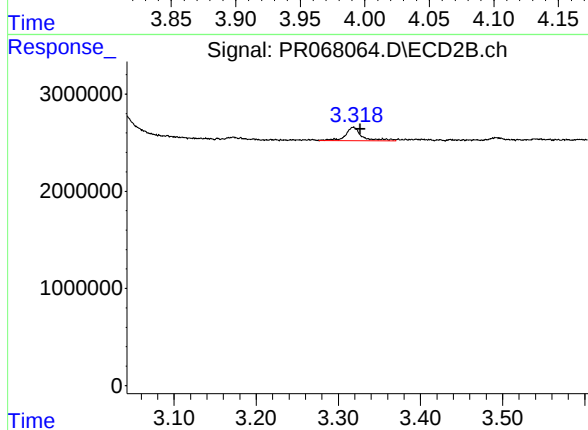
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.238 min
Response: 0
Conc: N.D.



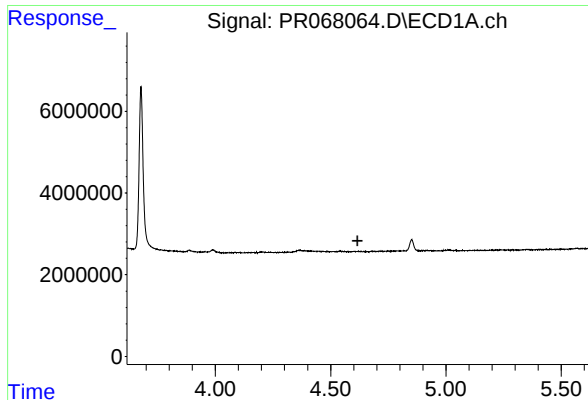
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 1025241
Conc: 45.62 ng/ml



#9 AR-1221-2

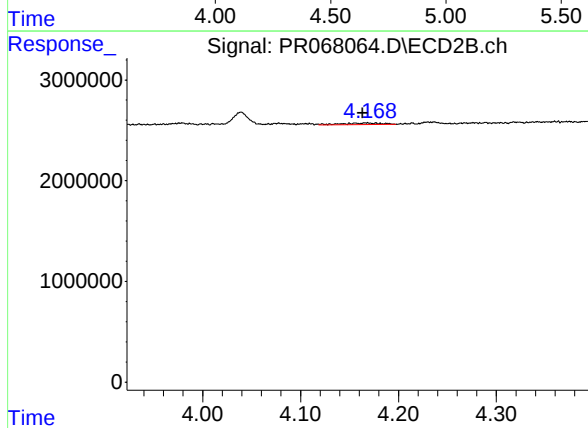
R.T.: 3.318 min
Delta R.T.: -0.009 min
Response: 1925570
Conc: 26.22 ng/ml



#12 AR-1232-2

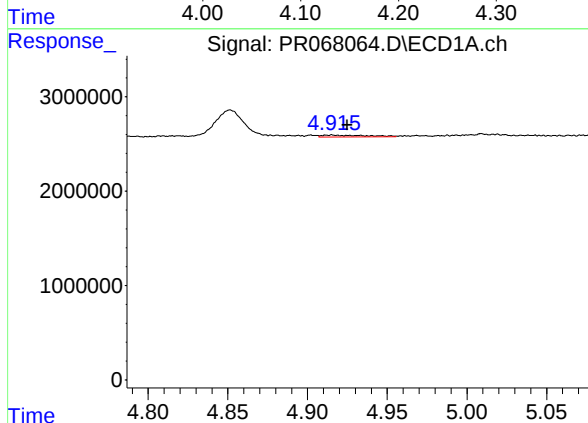
R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



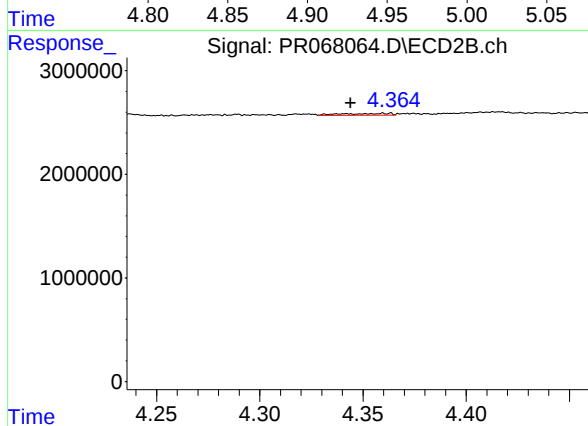
#12 AR-1232-2

R.T.: 4.168 min
Delta R.T.: 0.005 min
Response: 417192
Conc: 4.14 ng/ml



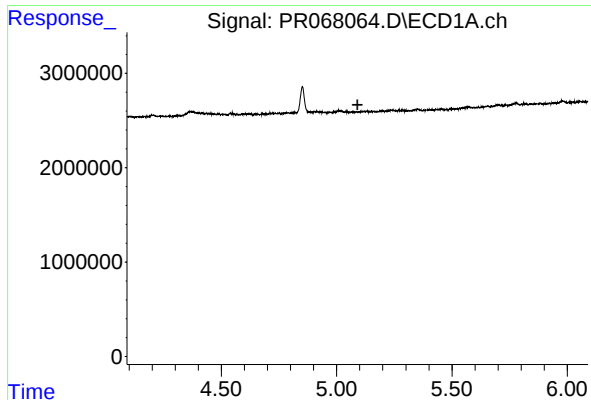
#13 AR-1232-3

R.T.: 4.915 min
Delta R.T.: -0.009 min
Response: 380145
Conc: 7.05 ng/ml



#13 AR-1232-3

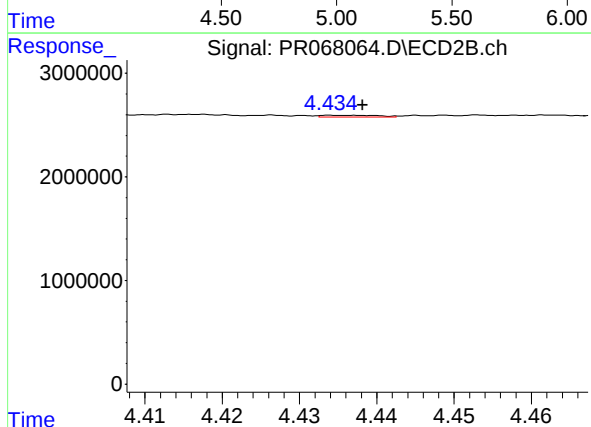
R.T.: 4.360 min
Delta R.T.: 0.016 min
Response: 274344
Conc: 5.05 ng/ml



#14 AR-1232-4

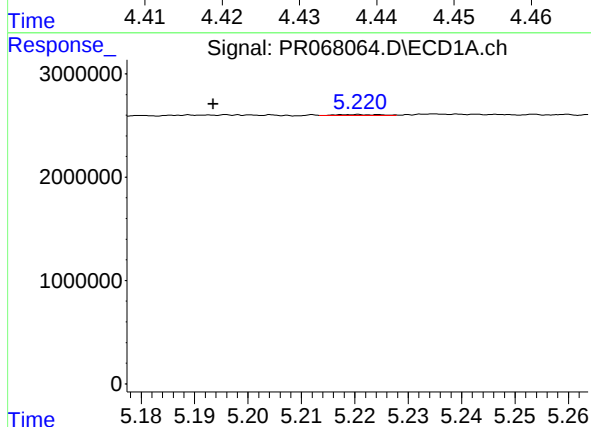
R.T.: 0.000 min
Exp R.T.: 5.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



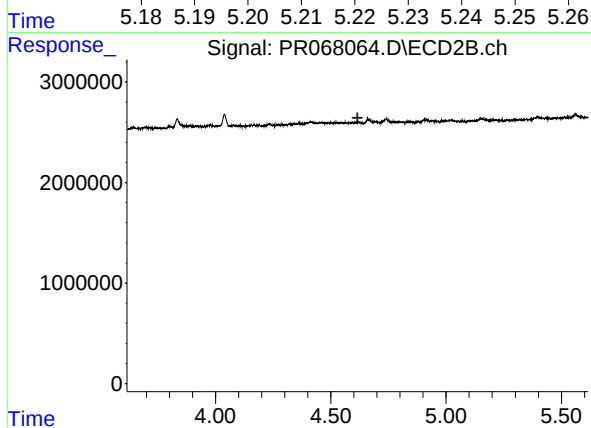
#14 AR-1232-4

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 89235
Conc: 1.79 ng/ml



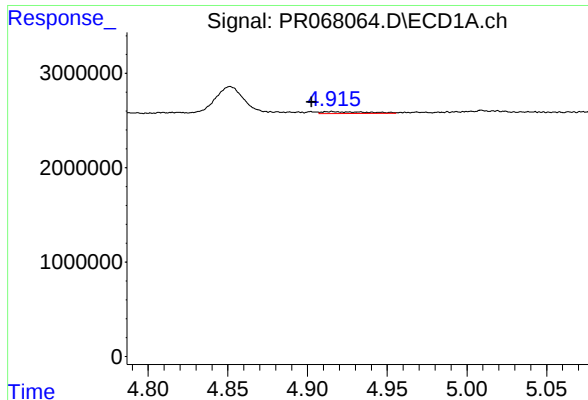
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: 0.026 min
Response: 54339
Conc: 3.53 ng/ml



#15 AR-1232-5

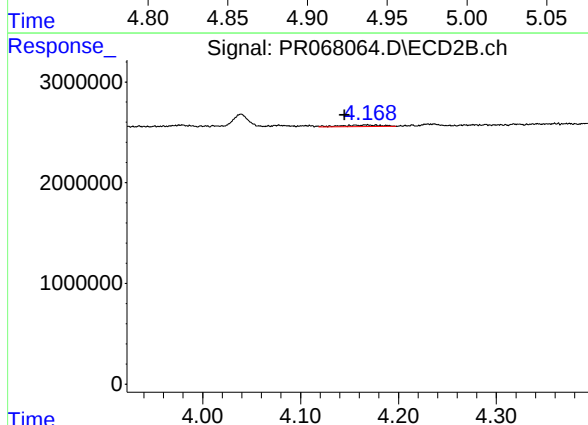
R.T.: 0.000 min
Exp R.T.: 4.616 min
Response: 0
Conc: N.D.



#16 AR-1242-1

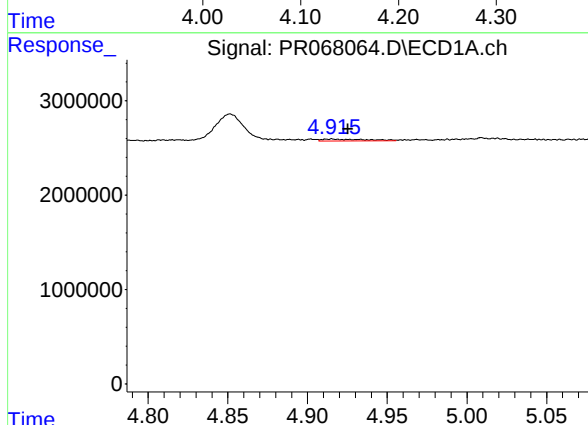
R.T.: 4.915 min
Delta R.T.: 0.013 min
Response: 380145
Conc: 7.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



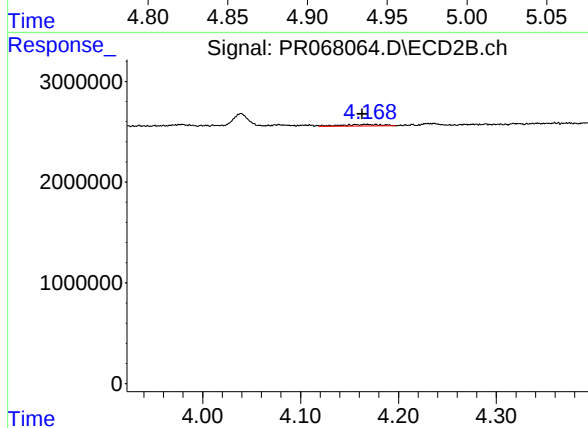
#16 AR-1242-1

R.T.: 4.168 min
Delta R.T.: 0.023 min
Response: 417192
Conc: 2.74 ng/ml



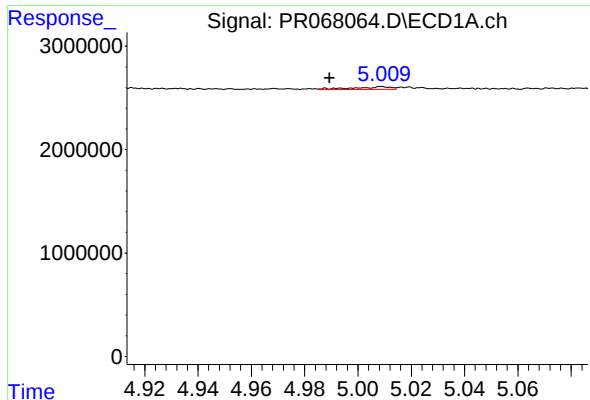
#17 AR-1242-2

R.T.: 4.915 min
Delta R.T.: -0.010 min
Response: 380145
Conc: 4.18 ng/ml



#17 AR-1242-2

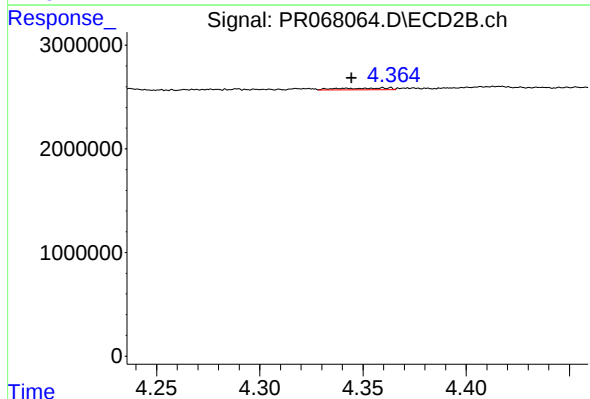
R.T.: 4.168 min
Delta R.T.: 0.005 min
Response: 417192
Conc: 1.95 ng/ml



#18 AR-1242-3

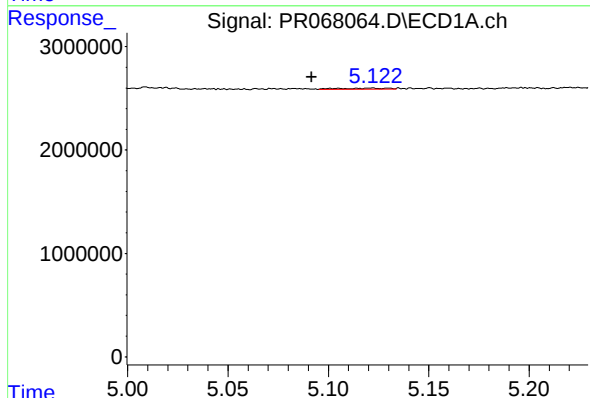
R.T.: 5.009 min
Delta R.T.: 0.020 min
Response: 267861
Conc: 4.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



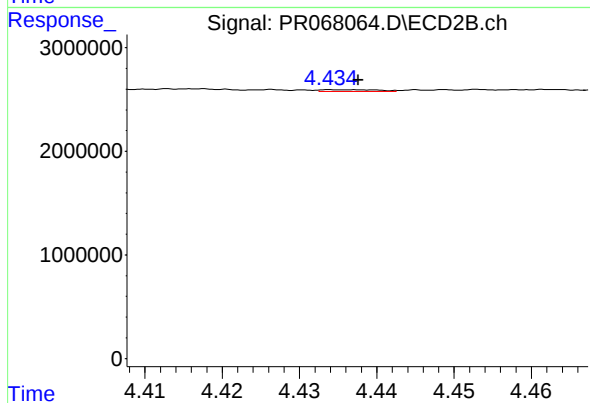
#18 AR-1242-3

R.T.: 4.360 min
Delta R.T.: 0.015 min
Response: 274344
Conc: 2.58 ng/ml



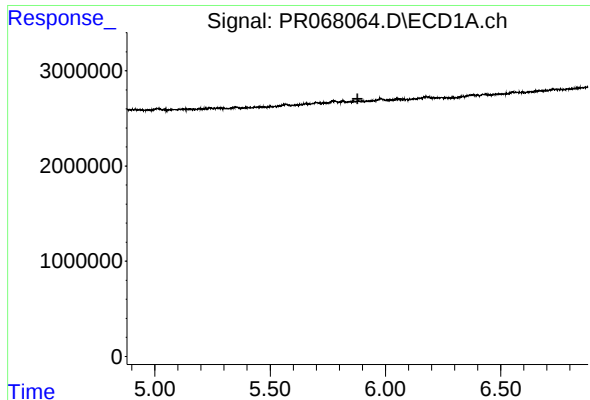
#19 AR-1242-4

R.T.: 5.121 min
Delta R.T.: 0.030 min
Response: 149220
Conc: 2.99 ng/ml



#19 AR-1242-4

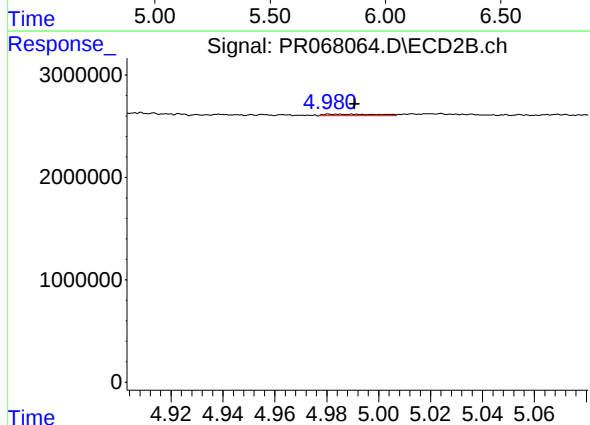
R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 89235
Conc: 0.89 ng/ml



#20 AR-1242-5

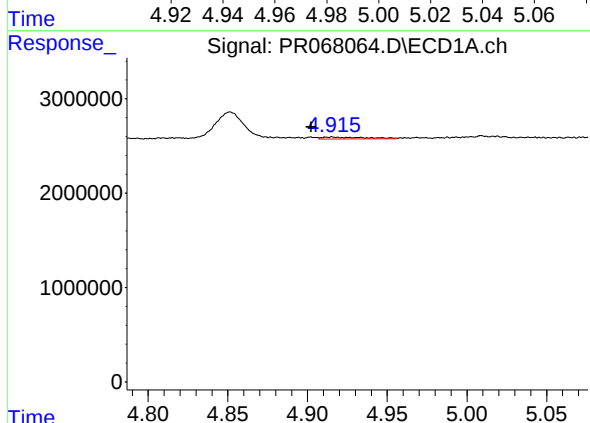
R.T.: 0.000 min
Exp R.T.: 5.879 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



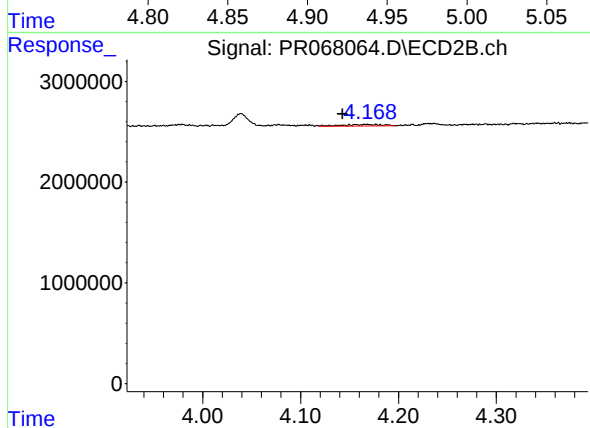
#20 AR-1242-5

R.T.: 4.984 min
Delta R.T.: -0.007 min
Response: 209117
Conc: 1.33 ng/ml



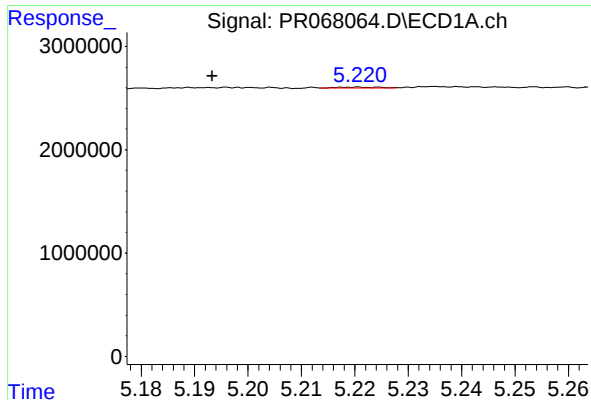
#21 AR-1248-1

R.T.: 4.915 min
Delta R.T.: 0.013 min
Response: 380145
Conc: 9.90 ng/ml



#21 AR-1248-1

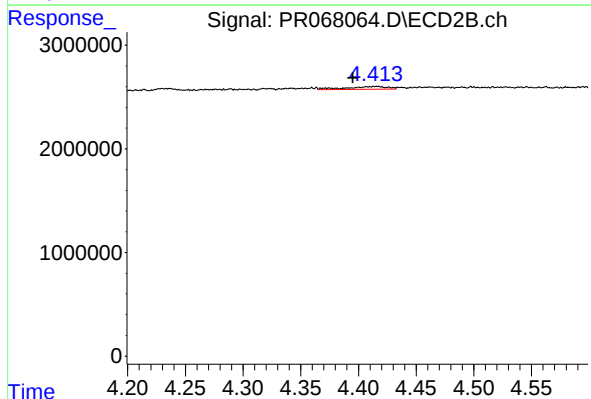
R.T.: 4.168 min
Delta R.T.: 0.025 min
Response: 417192
Conc: 3.51 ng/ml



#22 AR-1248-2

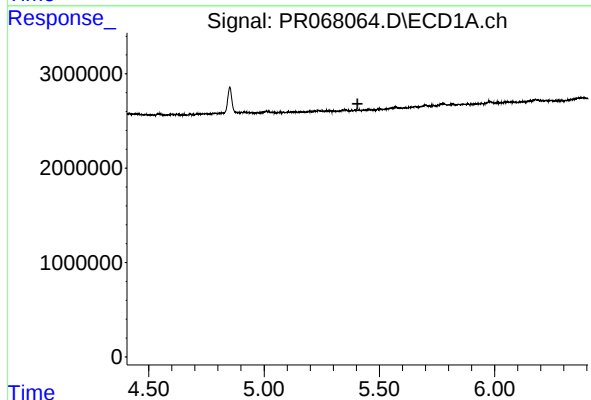
R.T.: 5.220 min
Delta R.T.: 0.027 min
Response: 54339
Conc: 1.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



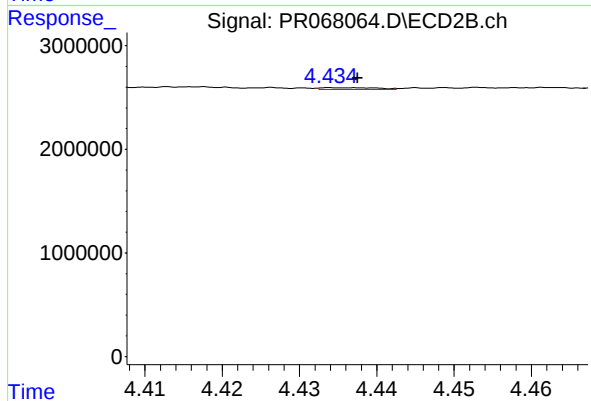
#22 AR-1248-2

R.T.: 4.416 min
Delta R.T.: 0.021 min
Response: 680198
Conc: 3.61 ng/ml



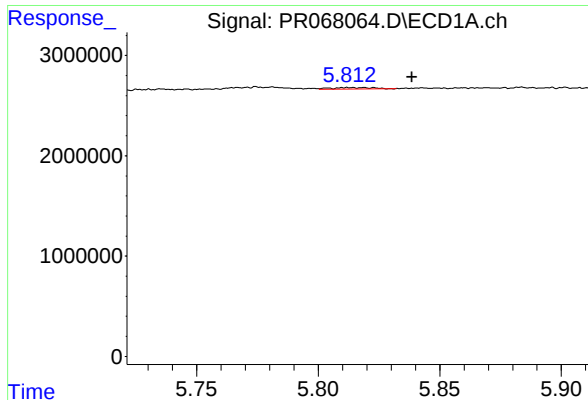
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.405 min
Response: 0
Conc: N.D.



#23 AR-1248-3

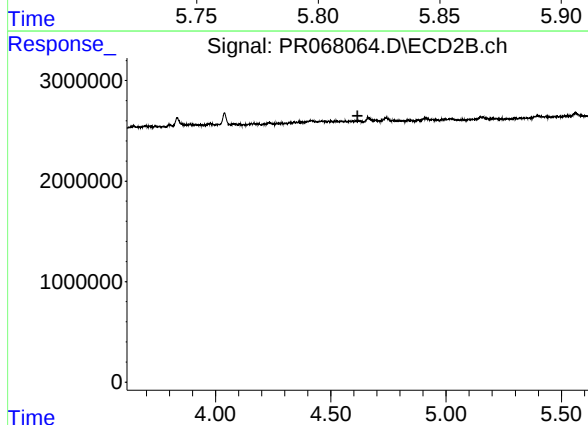
R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 89235
Conc: 0.47 ng/ml



#24 AR-1248-4

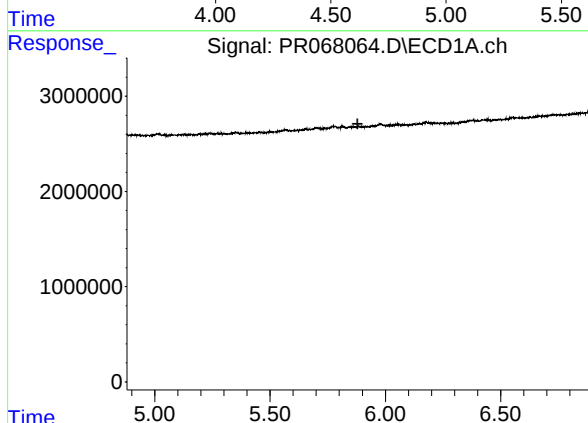
R.T.: 5.814 min
Delta R.T.: -0.024 min
Response: 165119
Conc: 2.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



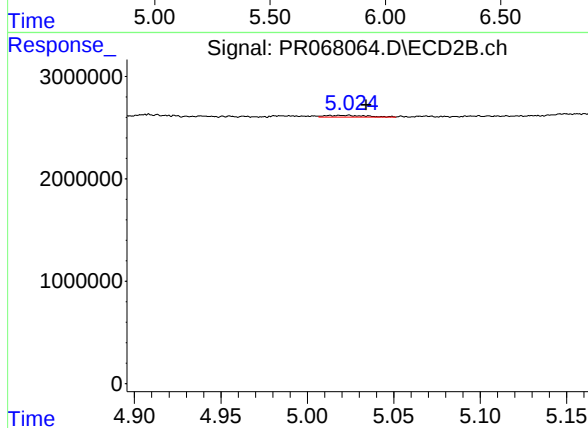
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 4.616 min
Response: 0
Conc: N.D.



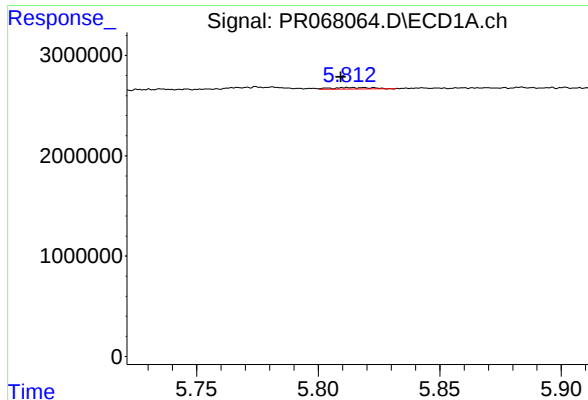
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.879 min
Response: 0
Conc: N.D.



#25 AR-1248-5

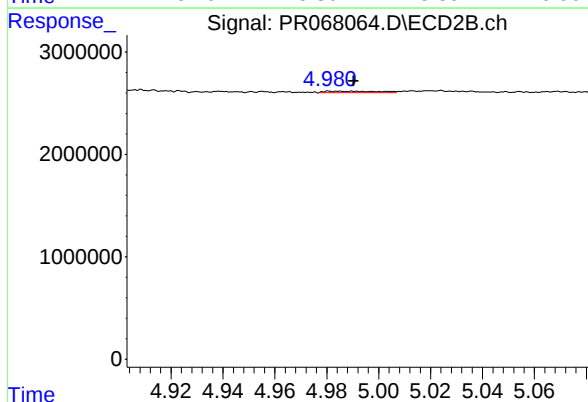
R.T.: 5.023 min
Delta R.T.: -0.011 min
Response: 289371
Conc: 1.36 ng/ml



#26 AR-1254-1

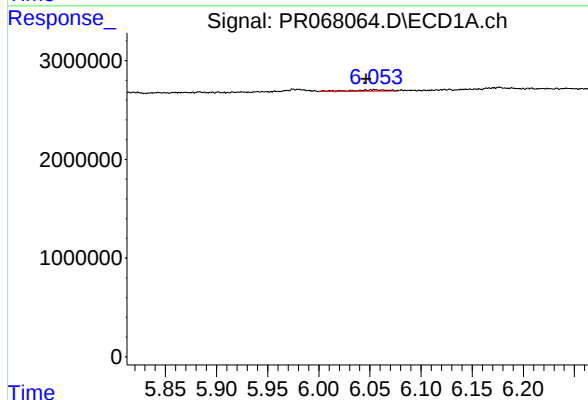
R.T.: 5.814 min
Delta R.T.: 0.005 min
Response: 165119
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



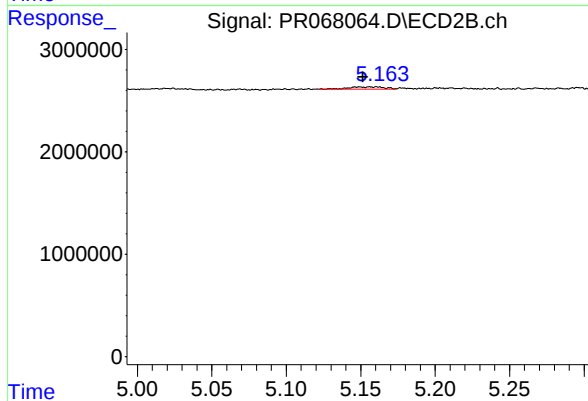
#26 AR-1254-1

R.T.: 4.984 min
Delta R.T.: -0.006 min
Response: 209117
Conc: 0.82 ng/ml



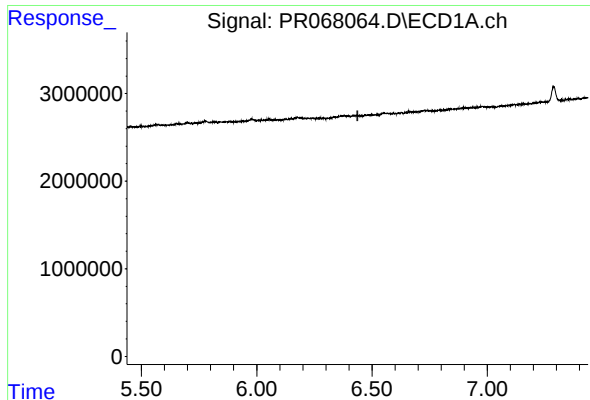
#27 AR-1254-2

R.T.: 6.055 min
Delta R.T.: 0.008 min
Response: 270545
Conc: 2.41 ng/ml



#27 AR-1254-2

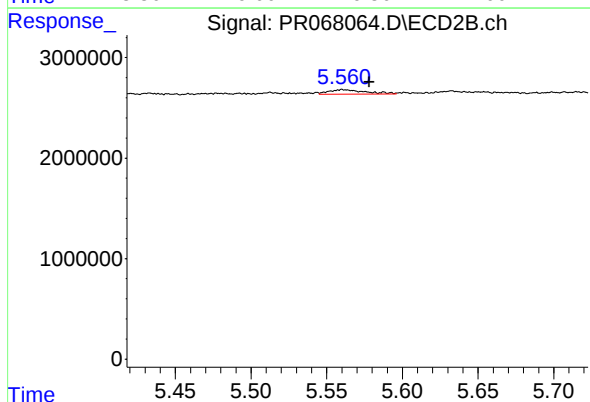
R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 357907
Conc: 1.56 ng/ml



#28 AR-1254-3

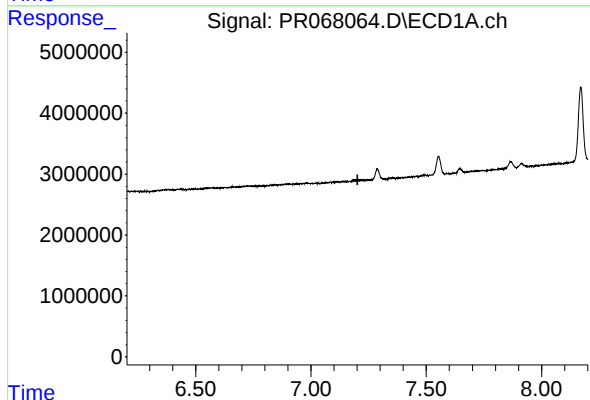
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



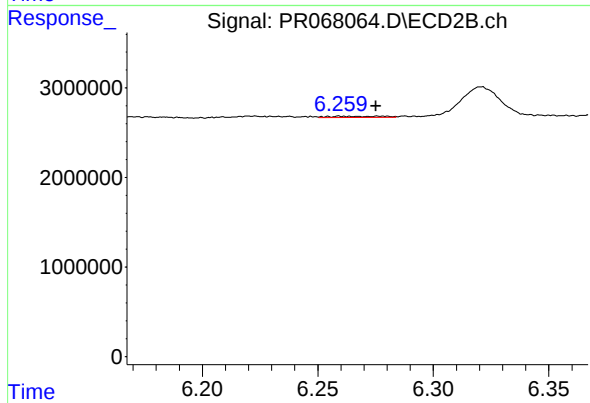
#28 AR-1254-3

R.T.: 5.561 min
Delta R.T.: -0.017 min
Response: 796012
Conc: 2.21 ng/ml



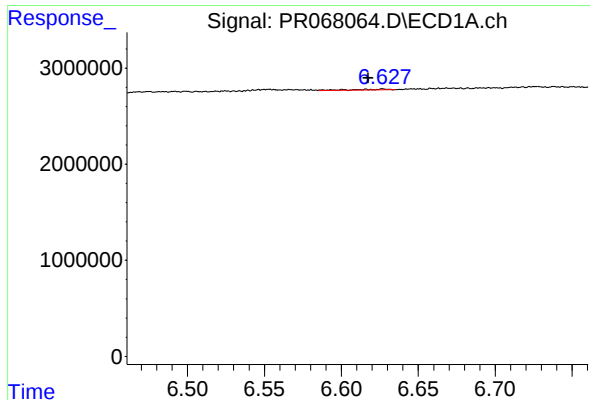
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.202 min
Response: 0
Conc: N.D.



#30 AR-1254-5

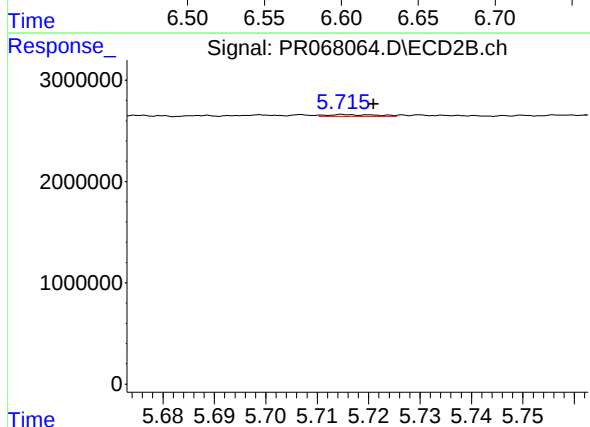
R.T.: 6.260 min
Delta R.T.: -0.016 min
Response: 232190
Conc: 0.70 ng/ml



#31 AR-1260-1

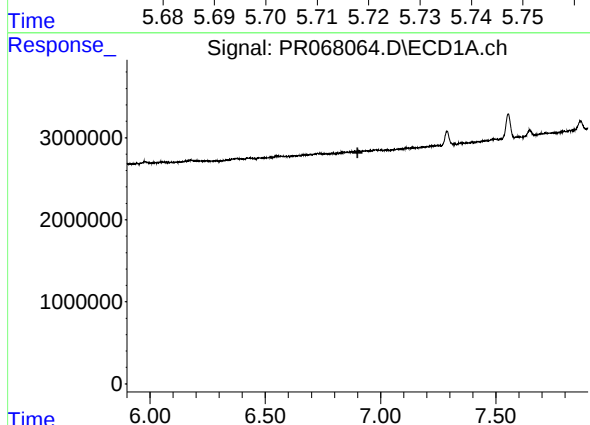
R.T.: 6.628 min
Delta R.T.: 0.010 min
Response: 113891
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



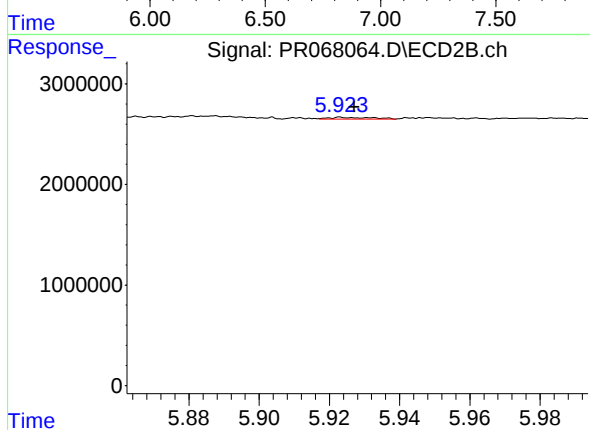
#31 AR-1260-1

R.T.: 5.716 min
Delta R.T.: -0.005 min
Response: 109007
Conc: 0.45 ng/ml



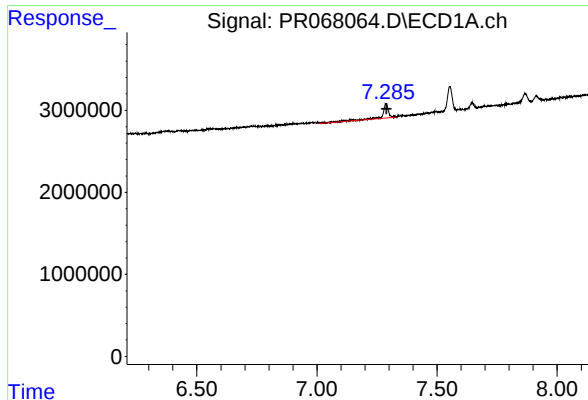
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.900 min
Response: 0
Conc: N.D.



#32 AR-1260-2

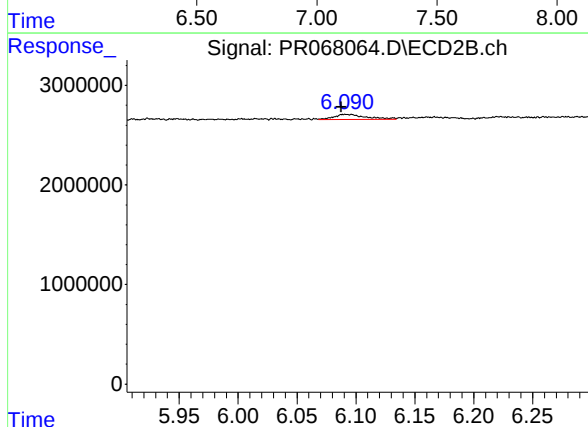
R.T.: 5.924 min
Delta R.T.: -0.003 min
Response: 137954
Conc: 0.48 ng/ml



#33 AR-1260-3

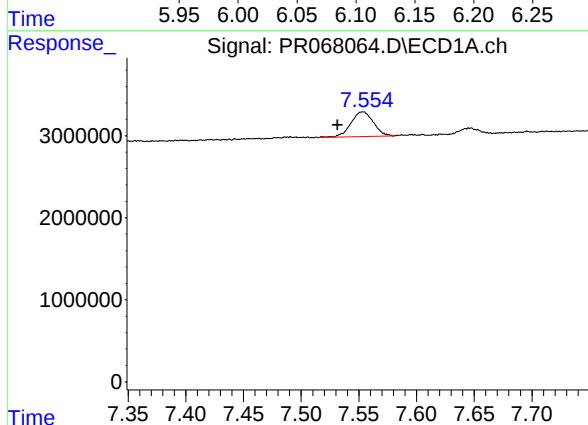
R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 3145917
Conc: 22.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



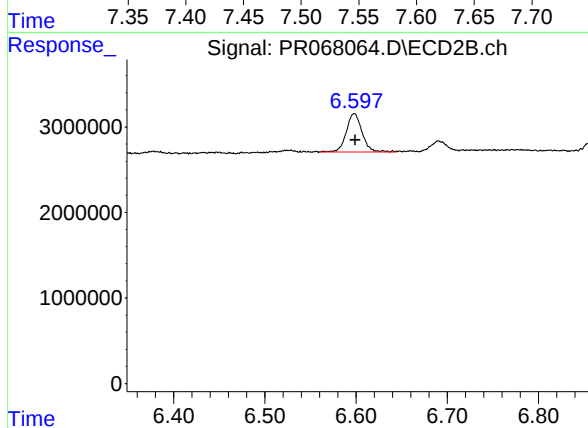
#33 AR-1260-3

R.T.: 6.091 min
Delta R.T.: 0.003 min
Response: 946223
Conc: 3.45 ng/ml



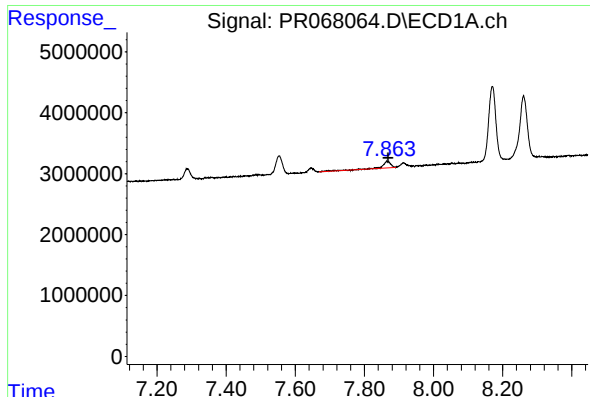
#34 AR-1260-4

R.T.: 7.553 min
Delta R.T.: 0.022 min
Response: 4107058
Conc: 32.40 ng/ml



#34 AR-1260-4

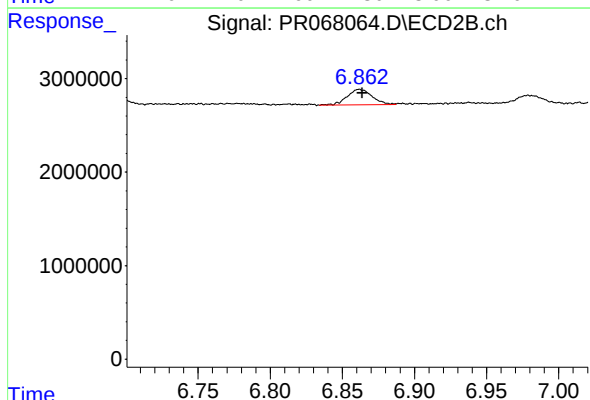
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 5409295
Conc: 25.80 ng/ml



#35 AR-1260-5

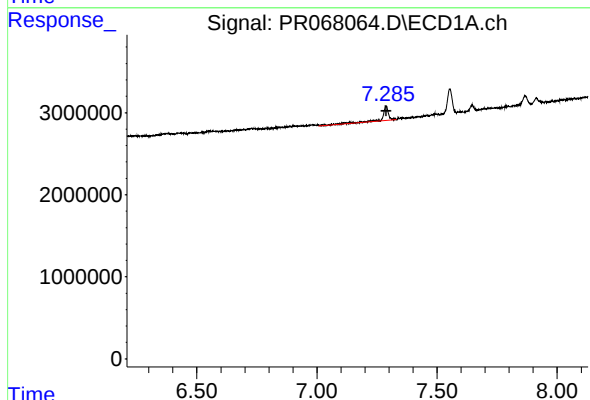
R.T.: 7.867 min
Delta R.T.: -0.002 min
Response: 2034070
Conc: 5.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



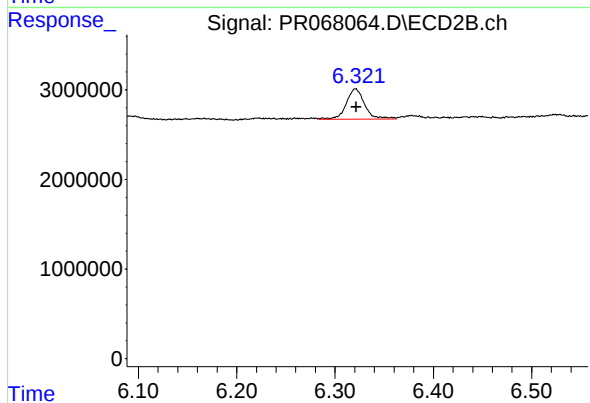
#35 AR-1260-5

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 1999289
Conc: 4.13 ng/ml



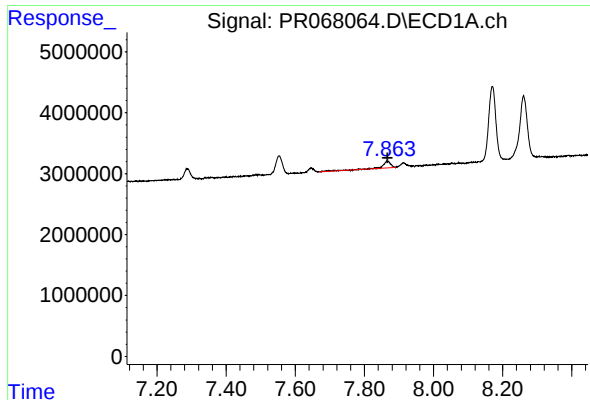
#36 AR-1262-1

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 3145917
Conc: 15.79 ng/ml



#36 AR-1262-1

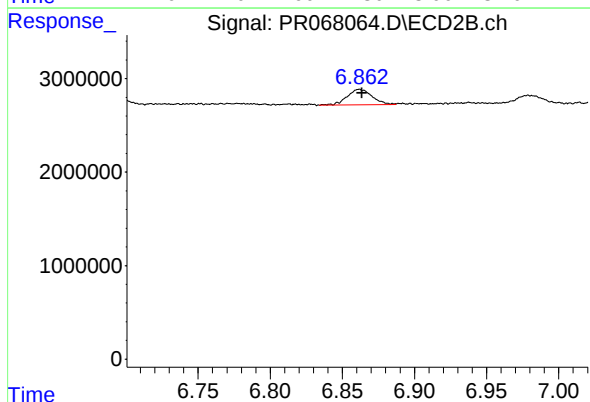
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 4388399
Conc: 12.70 ng/ml



#37 AR-1262-2

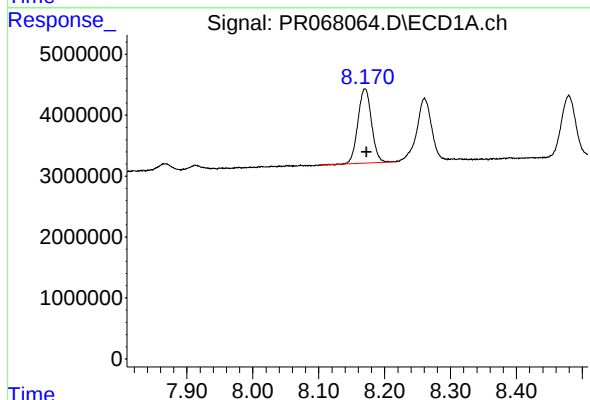
R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 2034070
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



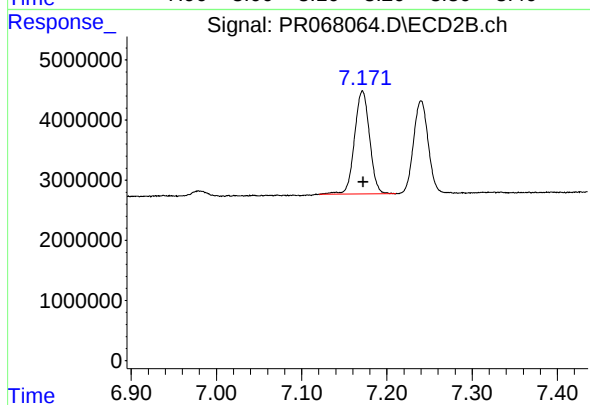
#37 AR-1262-2

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 1999289
Conc: 3.29 ng/ml



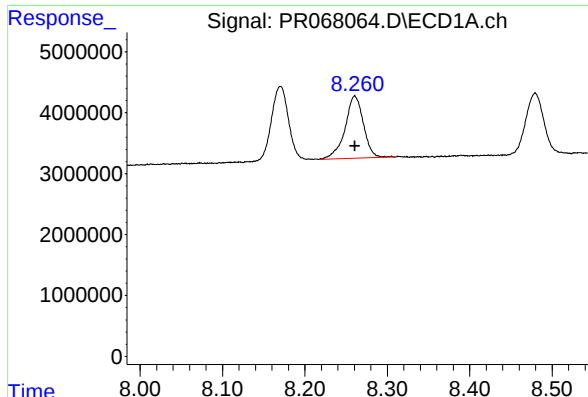
#38 AR-1262-3

R.T.: 8.170 min
Delta R.T.: -0.003 min
Response: 17588981
Conc: 56.17 ng/ml



#38 AR-1262-3

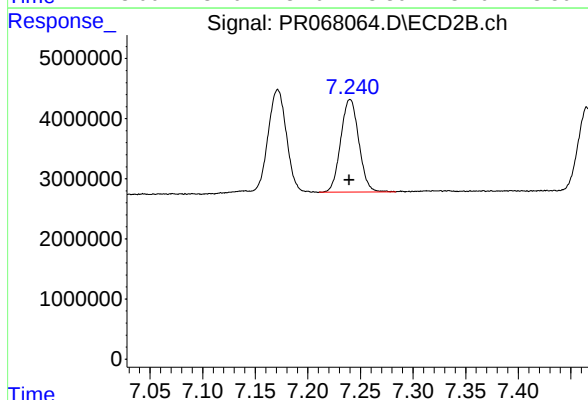
R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 21147885
Conc: 88.57 ng/ml



#39 AR-1262-4

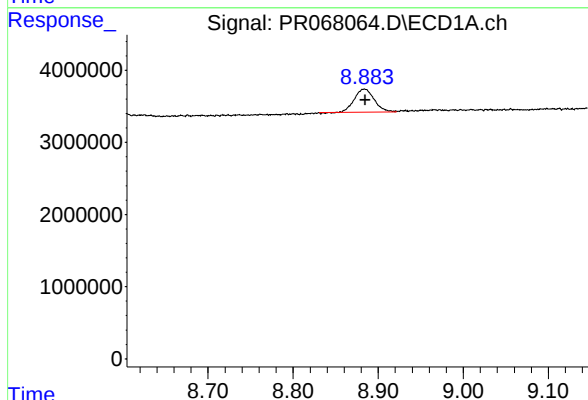
R.T.: 8.261 min
Delta R.T.: 0.000 min
Response: 15953992
Conc: 58.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



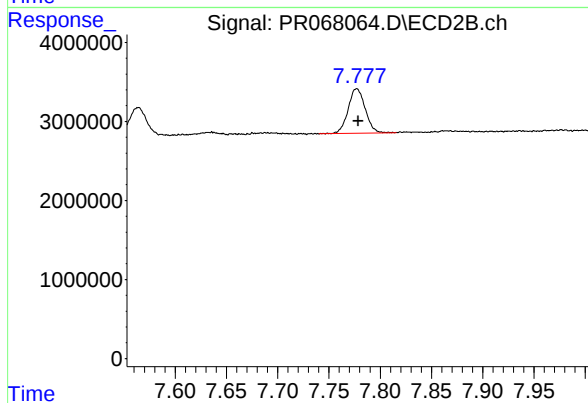
#39 AR-1262-4

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 18498899
Conc: 41.63 ng/ml



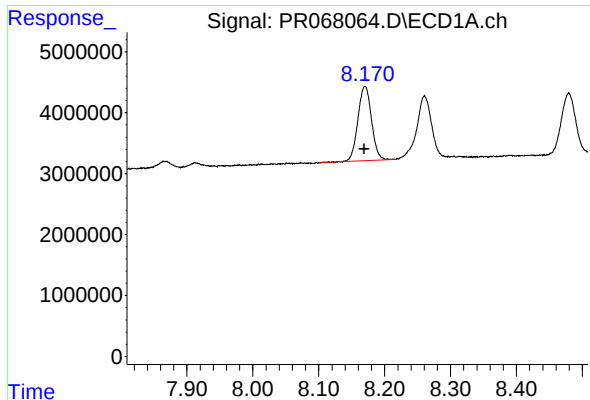
#40 AR-1262-5

R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 5187324
Conc: 27.40 ng/ml



#40 AR-1262-5

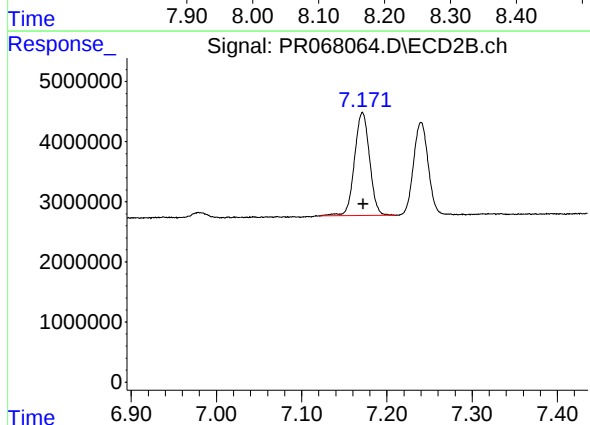
R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 6560192
Conc: 32.21 ng/ml



#41 AR-1268-1

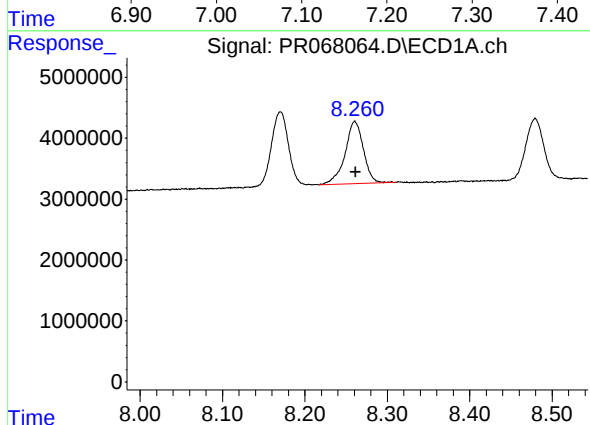
R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 17588981
Conc: 29.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



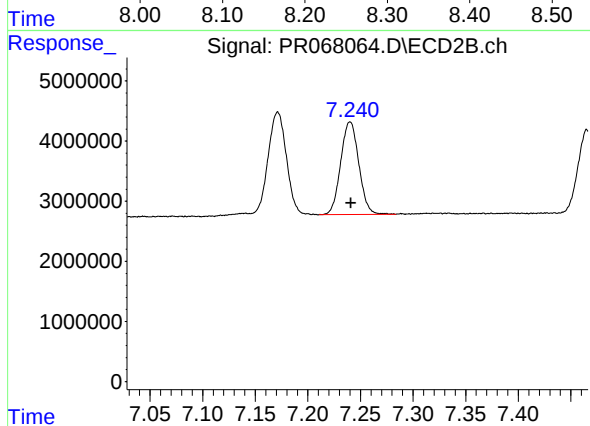
#41 AR-1268-1

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 21147885
Conc: 28.64 ng/ml



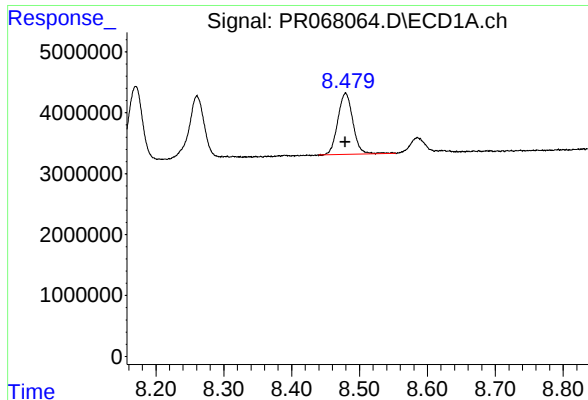
#42 AR-1268-2

R.T.: 8.261 min
Delta R.T.: 0.000 min
Response: 15953992
Conc: 27.99 ng/ml



#42 AR-1268-2

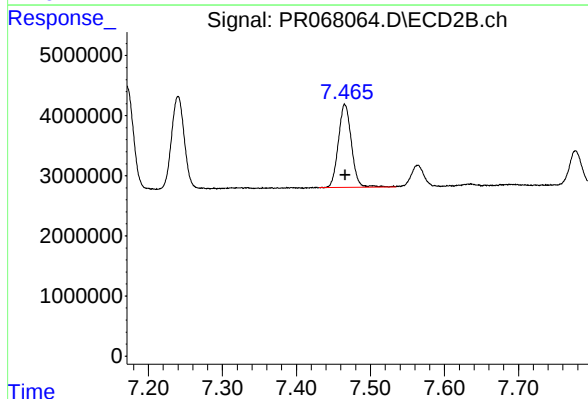
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 18498899
Conc: 27.40 ng/ml



#43 AR-1268-3

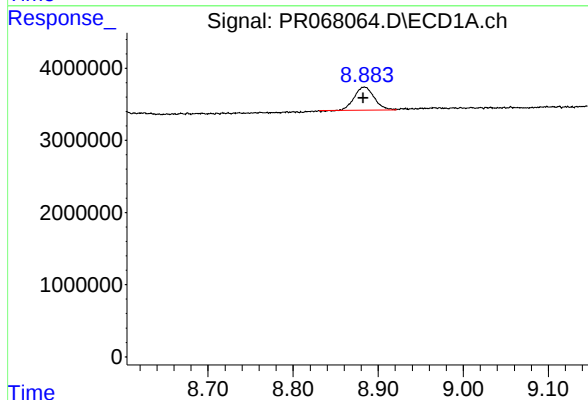
R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 15503962
Conc: 27.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



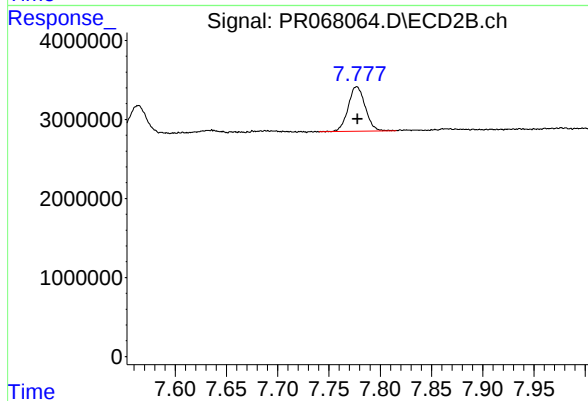
#43 AR-1268-3

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 16976571
Conc: 27.53 ng/ml



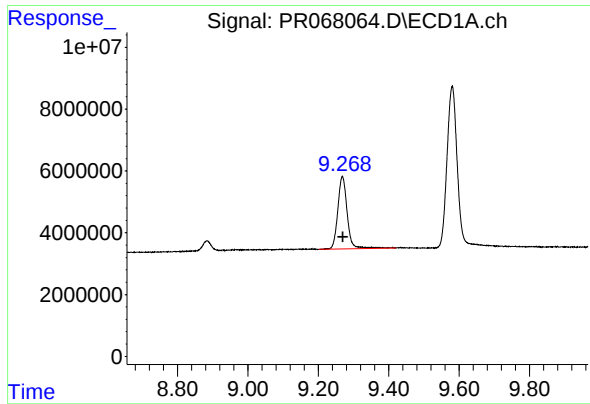
#44 AR-1268-4

R.T.: 8.884 min
Delta R.T.: 0.001 min
Response: 5187324
Conc: 25.61 ng/ml



#44 AR-1268-4

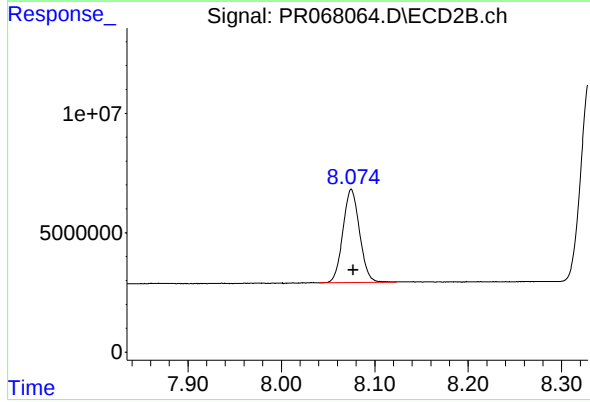
R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 6560192
Conc: 31.46 ng/ml



#45 AR-1268-5

R.T.: 9.268 min
Delta R.T.: -0.002 min
Response: 43596938
Conc: 27.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



#45 AR-1268-5

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 48387804
Conc: 33.89 ng/ml