

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
 Data File : PR066632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 00:38
 Operator : AJ\MA
 Sample : P2403-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:24:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 26 07:26:35 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...	3.652	2.893	113.2E6	89362133	21.603	19.993
2) SA Decachlor...	9.536	8.123	47552452	90801478	20.306	19.346
Target Compounds						
3) L1 AR-1016-1	4.873	4.004	613383	602906	4.291	3.991
4) L1 AR-1016-2	4.896	4.021	1068850	1047779	4.887	4.883
5) L1 AR-1016-3	4.960	4.197	761037	534777	5.240	4.561
6) L1 AR-1016-4	5.062	4.249	981339	224011	8.541	2.322 #
7) L1 AR-1016-5	5.370	4.462	257726	385044	2.263	3.114 #
8) L2 AR-1221-1	3.875	3.117	3135556	2839257	51.929	52.406
9) L2 AR-1221-2	3.963	3.201	3602030	3158895	81.514	76.084
10) L2 AR-1221-3	4.041	3.279	7751305	6393289	59.679	52.917
11) L3 AR-1232-1	4.041	3.279	7751305	6393289	72.792	63.695
12) L3 AR-1232-2	4.589	4.021	1061371	1047779	17.296	10.528 #
13) L3 AR-1232-3	4.896	4.197	1068850	534777	10.458	9.983
14) L3 AR-1232-4	5.062	4.288	981339	264579	18.224	5.455 #
15) L3 AR-1232-5	5.163	4.462	781562	385044	19.425	7.217 #
16) L4 AR-1242-1	4.873	4.004	613383	602906	5.153	4.816
17) L4 AR-1242-2	4.896	4.021	1068850	1047779	5.947	5.912
18) L4 AR-1242-3	4.960	4.197	761037	534777	6.388	5.566
19) L4 AR-1242-4	5.062	4.288	981339	264579	10.367	2.771 #
20) L4 AR-1242-5	5.845	4.839	497912	268180	5.537	2.183 #
21) L5 AR-1248-1	4.873	4.004	613383	602906	7.087	6.485
22) L5 AR-1248-2	5.163	4.249	781562	224011	5.872	1.655 #
23) L5 AR-1248-3	5.370	4.288	257726	264579	1.717	1.922
24) L5 AR-1248-4	5.811	4.462	190843	385044	1.339	2.329 #
25) L5 AR-1248-5	5.845	4.872	497912	197966	3.477	1.227 #
26) L6 AR-1254-1	5.778	4.839	991216	268180	5.965	1.091 #
27) L6 AR-1254-2	6.011	5.001	414333	56727	1.691	0.259 #
28) L6 AR-1254-3	6.395f	5.397f	450008	715384	1.821	2.081
29) L6 AR-1254-4	6.738f	5.640f	549865	450261	3.464	2.109 #
30) L6 AR-1254-5	0.000	6.106	0	1155734	N.D.	3.592 #
31) L7 AR-1260-1	6.597	5.549	700538	197972	3.371	0.781 #
32) L7 AR-1260-2	6.853f	5.790f	229059	195702	1.033	0.643 #
33) L7 AR-1260-3	7.262	5.923	440129	853069	2.624	2.930
34) L7 AR-1260-4	7.493f	0.000	1275897	0	7.161	N.D. #
36) L8 AR-1262-1	7.262	6.223f	440129	1219863	1.929	8.443 #
38) L8 AR-1262-3	8.153	7.020f	642991	2562421	3.037	10.571 #
39) L8 AR-1262-4	8.246	7.064	851753	311157	7.798	0.708 #
40) L8 AR-1262-5	0.000	7.598	0	2744637	N.D.	12.713 #
41) L9 AR-1268-1	8.153	7.020f	642991	2562421	1.649	3.539 #
42) L9 AR-1268-2	8.246	7.064	851753	311157	2.479	0.485 #
43) L9 AR-1268-3	0.000	7.276	0	1249143	N.D.	2.202 #

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 Acq On : 10 May 2024 00:38
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: May 10 01:24:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 26 07:26:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

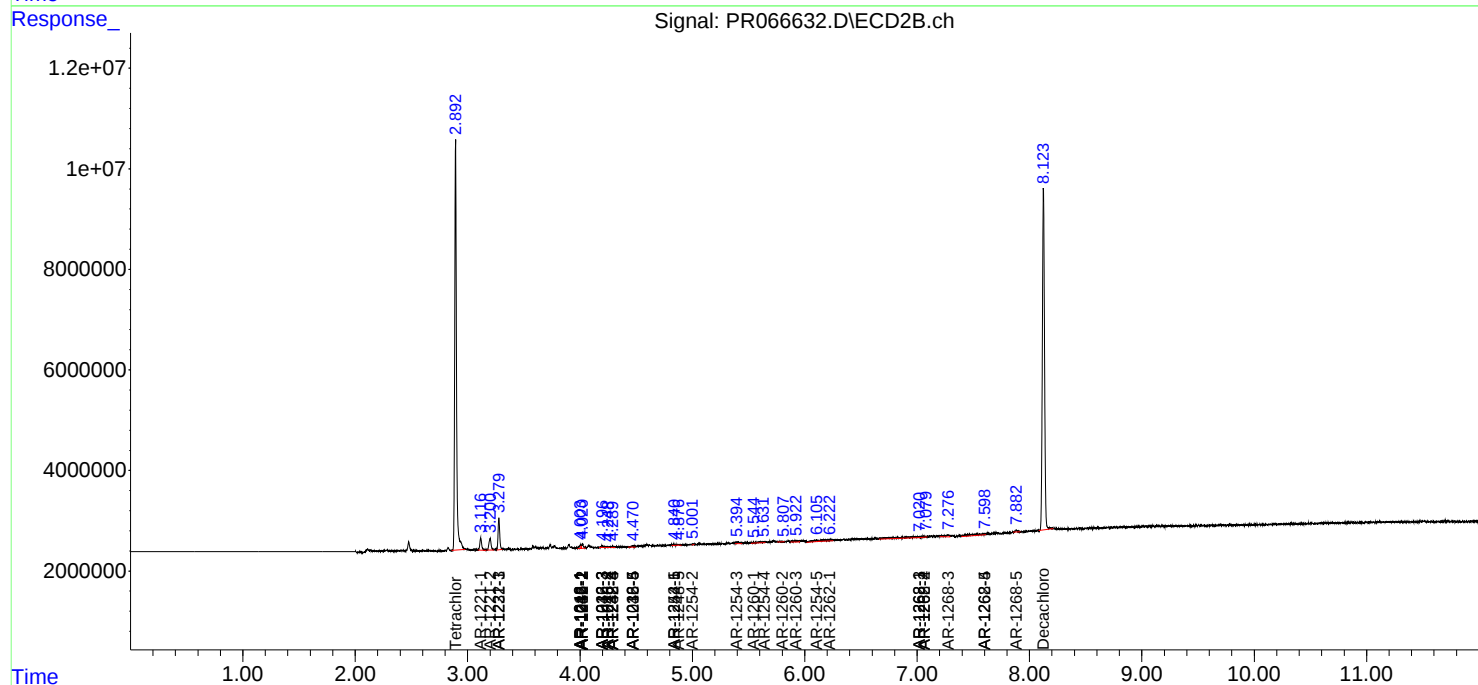
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

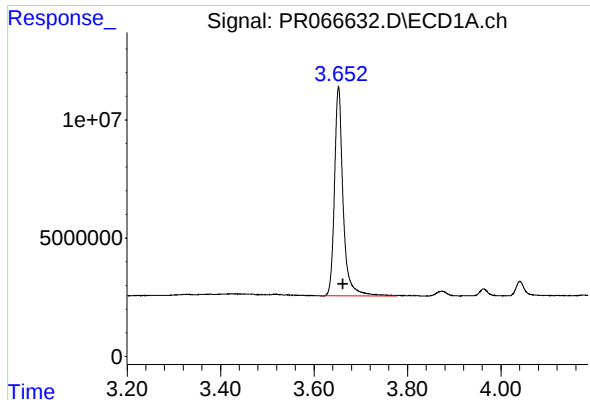
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.598	0	2744637	N.D.	11.246 #
45) L9	AR-1268-5	0.000	7.883	0	471799	N.D.	0.291 #

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

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024

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

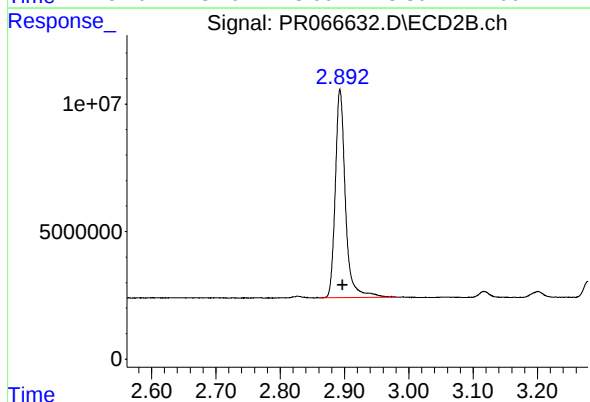




#1 Tetrachloro-m-xylene

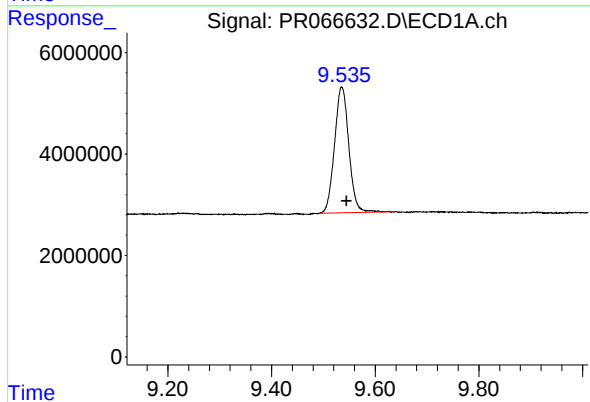
R.T.: 3.652 min
Delta R.T.: -0.010 min
Response: 113229799
Conc: 21.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



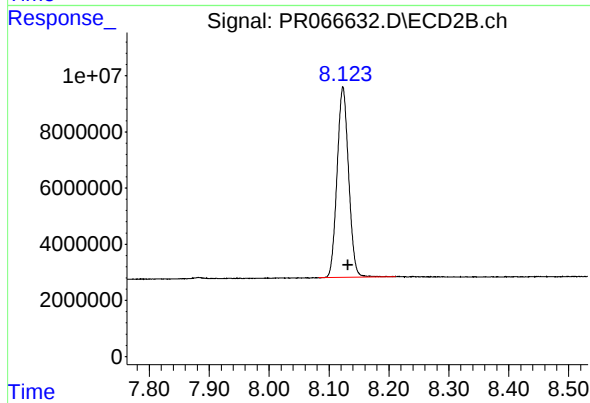
#1 Tetrachloro-m-xylene

R.T.: 2.893 min
Delta R.T.: -0.004 min
Response: 89362133
Conc: 19.99 ng/ml



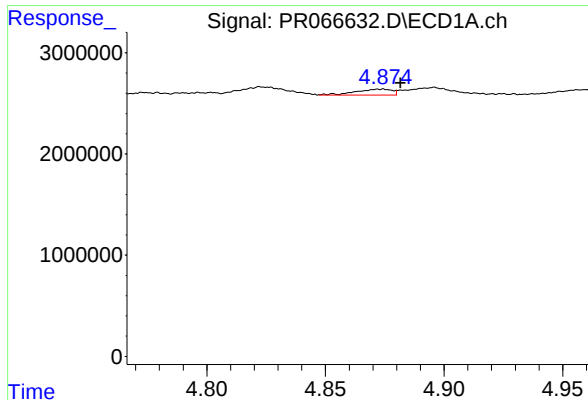
#2 Decachlorobiphenyl

R.T.: 9.536 min
Delta R.T.: -0.009 min
Response: 47552452
Conc: 20.31 ng/ml



#2 Decachlorobiphenyl

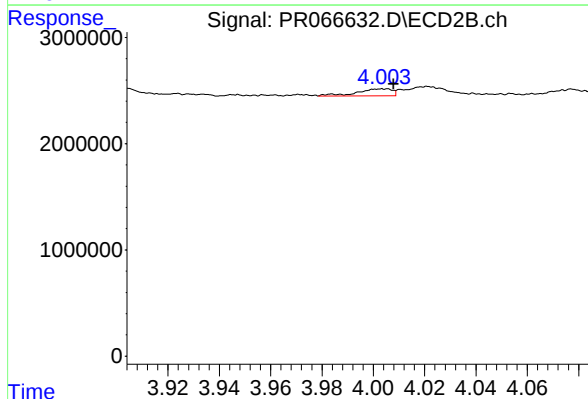
R.T.: 8.123 min
Delta R.T.: -0.008 min
Response: 90801478
Conc: 19.35 ng/ml



#3 AR-1016-1

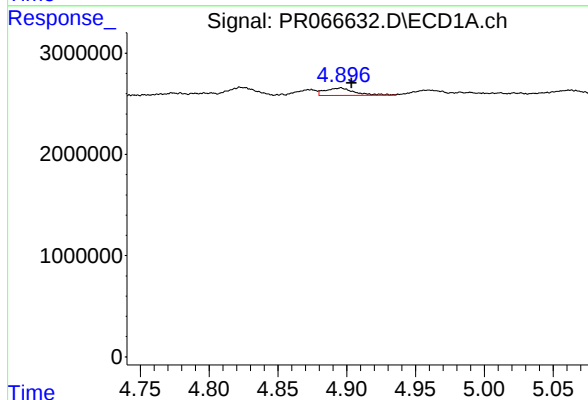
R.T.: 4.873 min
Delta R.T.: -0.008 min
Response: 613383
Conc: 4.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



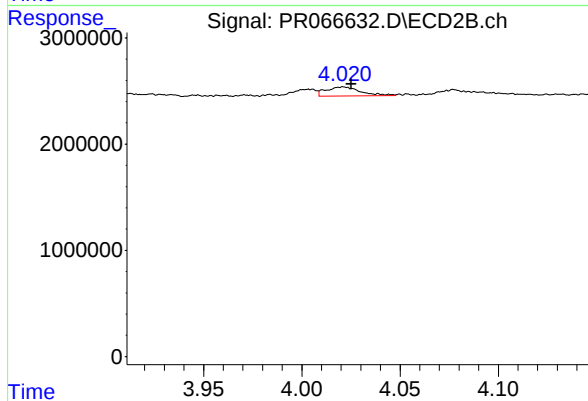
#3 AR-1016-1

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 602906
Conc: 3.99 ng/ml



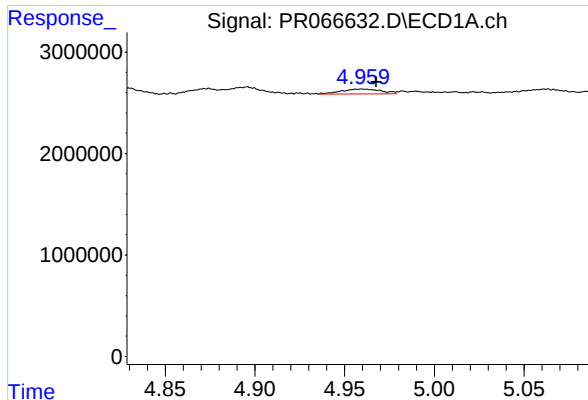
#4 AR-1016-2

R.T.: 4.896 min
Delta R.T.: -0.008 min
Response: 1068850
Conc: 4.89 ng/ml



#4 AR-1016-2

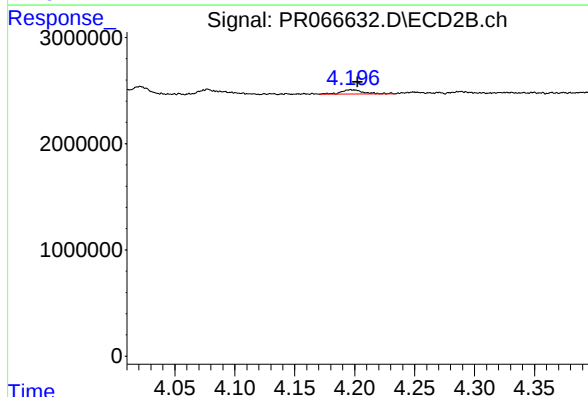
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 1047779
Conc: 4.88 ng/ml



#5 AR-1016-3

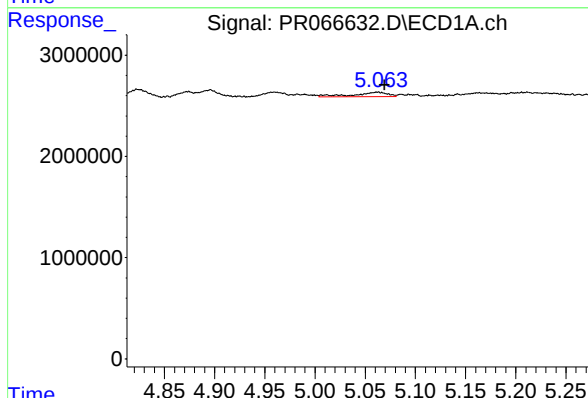
R.T.: 4.960 min
Delta R.T.: -0.008 min
Response: 761037
Conc: 5.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



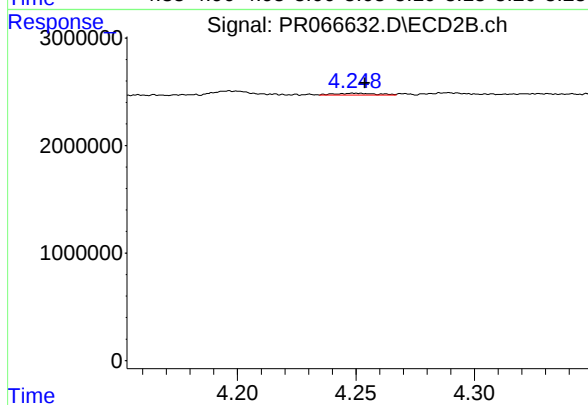
#5 AR-1016-3

R.T.: 4.197 min
Delta R.T.: -0.006 min
Response: 534777
Conc: 4.56 ng/ml



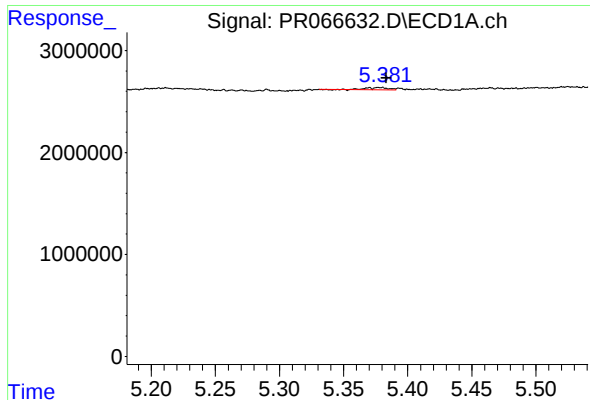
#6 AR-1016-4

R.T.: 5.062 min
Delta R.T.: -0.007 min
Response: 981339
Conc: 8.54 ng/ml



#6 AR-1016-4

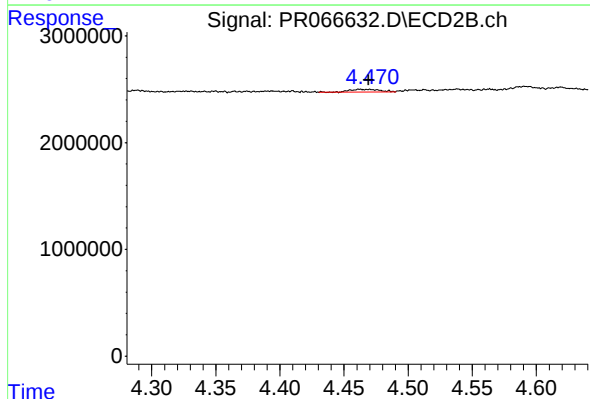
R.T.: 4.249 min
Delta R.T.: -0.004 min
Response: 224011
Conc: 2.32 ng/ml



#7 AR-1016-5

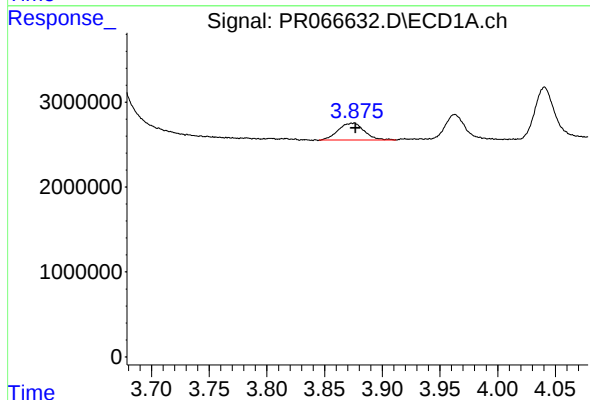
R.T.: 5.370 min
Delta R.T.: -0.014 min
Response: 257726
Conc: 2.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



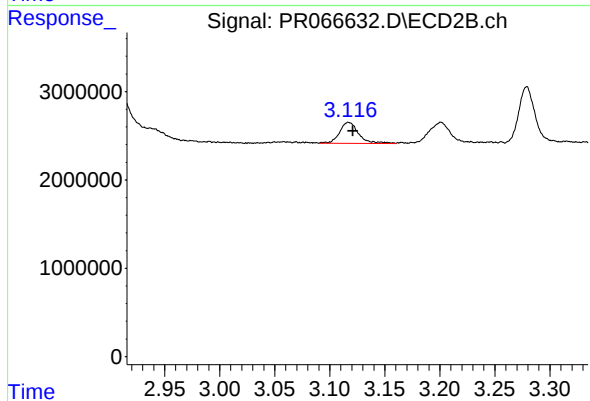
#7 AR-1016-5

R.T.: 4.462 min
Delta R.T.: -0.007 min
Response: 385044
Conc: 3.11 ng/ml



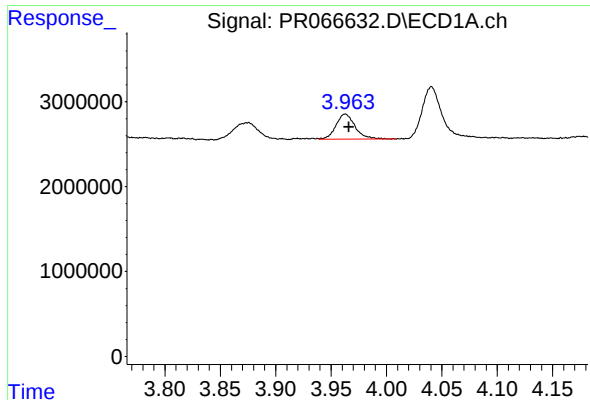
#8 AR-1221-1

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 3135556
Conc: 51.93 ng/ml



#8 AR-1221-1

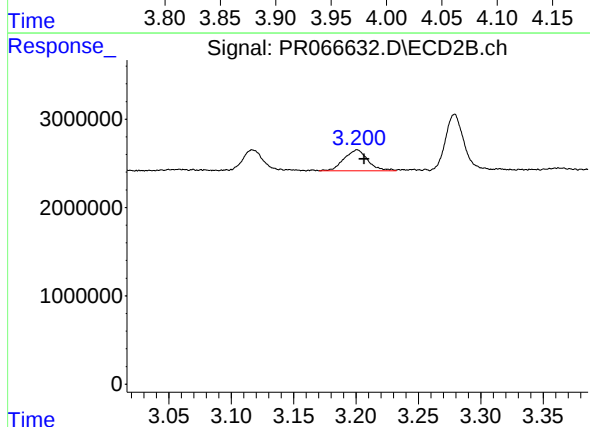
R.T.: 3.117 min
Delta R.T.: -0.004 min
Response: 2839257
Conc: 52.41 ng/ml



#9 AR-1221-2

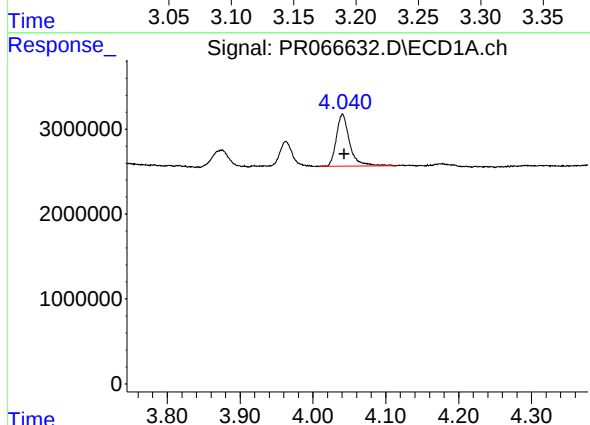
R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 3602030
Conc: 81.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



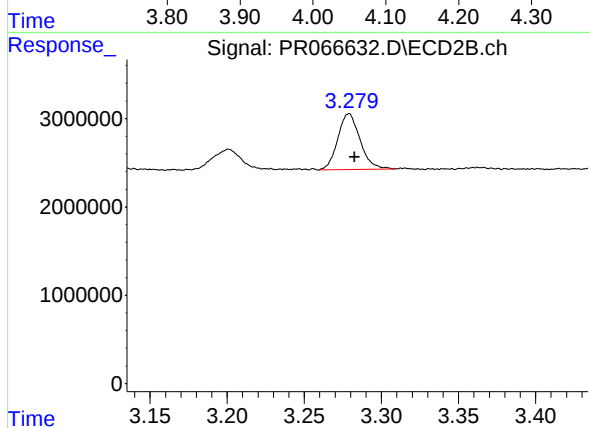
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.006 min
Response: 3158895
Conc: 76.08 ng/ml



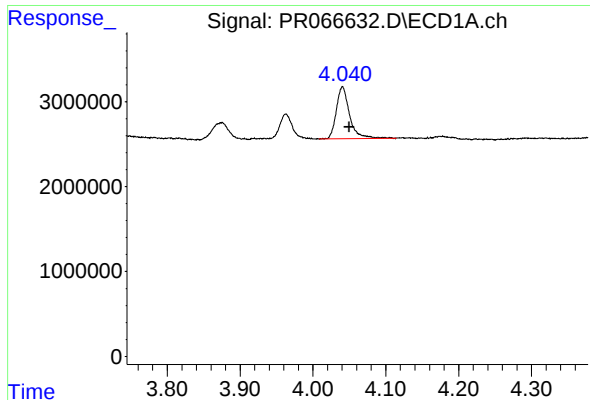
#10 AR-1221-3

R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 7751305
Conc: 59.68 ng/ml



#10 AR-1221-3

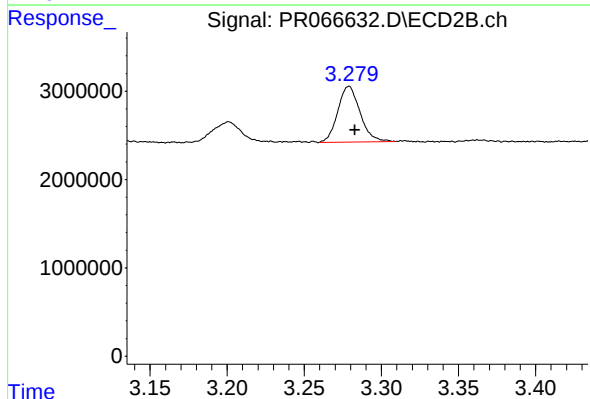
R.T.: 3.279 min
Delta R.T.: -0.004 min
Response: 6393289
Conc: 52.92 ng/ml



#11 AR-1232-1

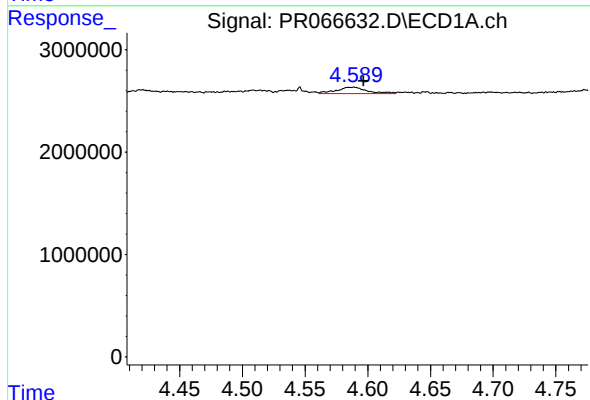
R.T.: 4.041 min
Delta R.T.: -0.009 min
Response: 7751305
Conc: 72.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



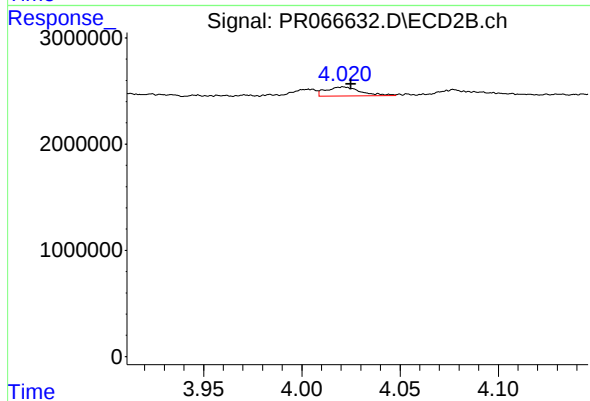
#11 AR-1232-1

R.T.: 3.279 min
Delta R.T.: -0.004 min
Response: 6393289
Conc: 63.69 ng/ml



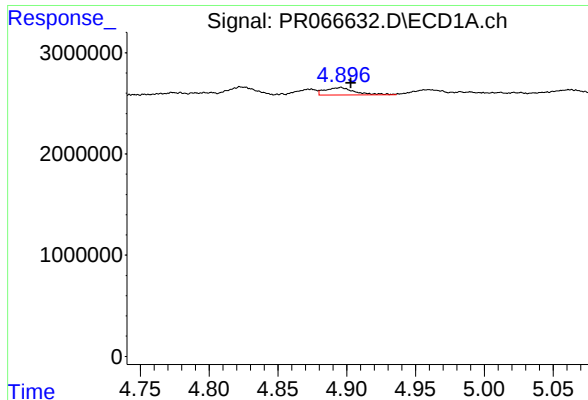
#12 AR-1232-2

R.T.: 4.589 min
Delta R.T.: -0.008 min
Response: 1061371
Conc: 17.30 ng/ml



#12 AR-1232-2

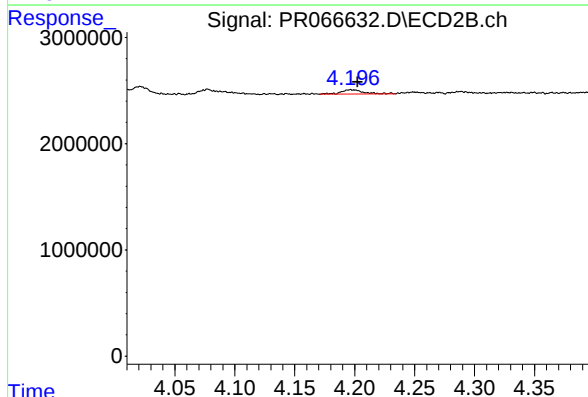
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 1047779
Conc: 10.53 ng/ml



#13 AR-1232-3

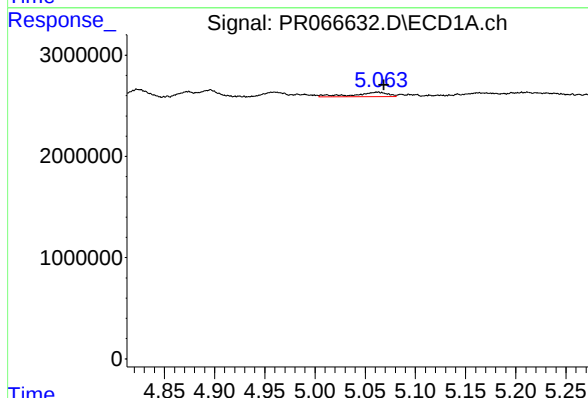
R.T.: 4.896 min
Delta R.T.: -0.008 min
Response: 1068850
Conc: 10.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



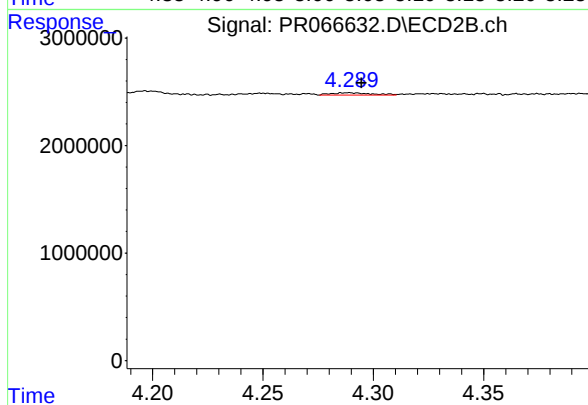
#13 AR-1232-3

R.T.: 4.197 min
Delta R.T.: -0.006 min
Response: 534777
Conc: 9.98 ng/ml



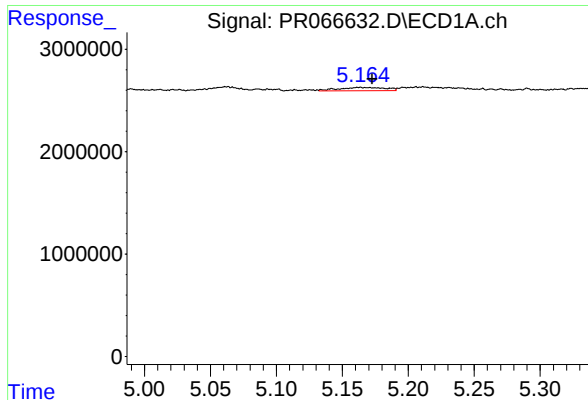
#14 AR-1232-4

R.T.: 5.062 min
Delta R.T.: -0.007 min
Response: 981339
Conc: 18.22 ng/ml



#14 AR-1232-4

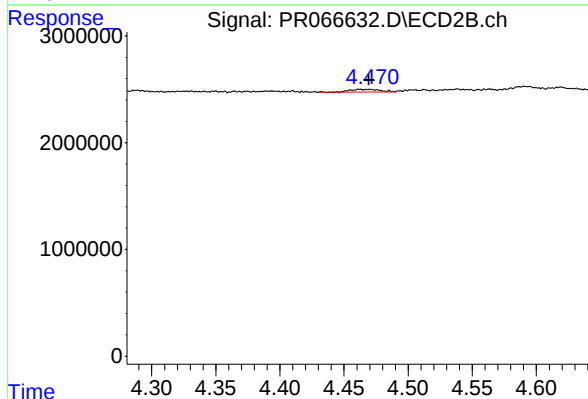
R.T.: 4.288 min
Delta R.T.: -0.006 min
Response: 264579
Conc: 5.46 ng/ml



#15 AR-1232-5

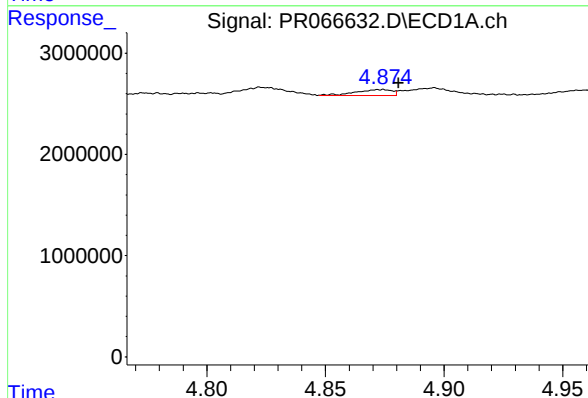
R.T.: 5.163 min
Delta R.T.: -0.010 min
Response: 781562
Conc: 19.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



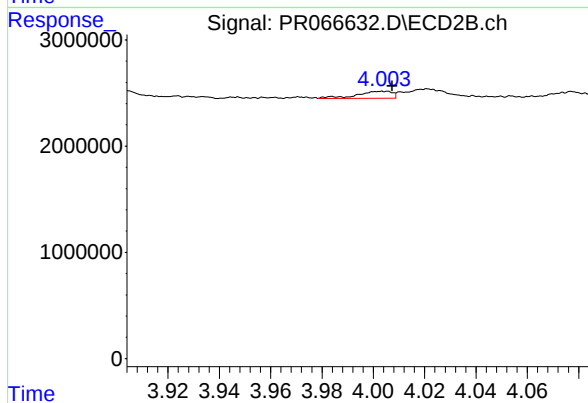
#15 AR-1232-5

R.T.: 4.462 min
Delta R.T.: -0.007 min
Response: 385044
Conc: 7.22 ng/ml



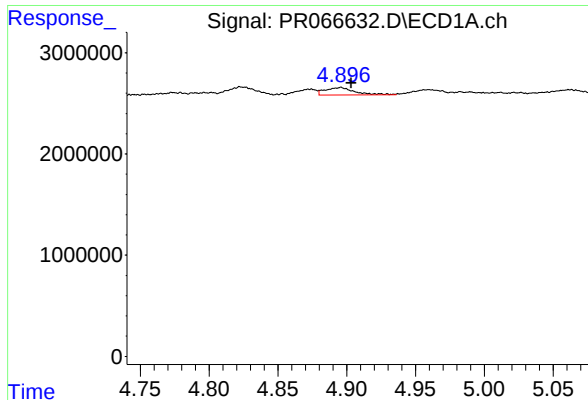
#16 AR-1242-1

R.T.: 4.873 min
Delta R.T.: -0.008 min
Response: 613383
Conc: 5.15 ng/ml



#16 AR-1242-1

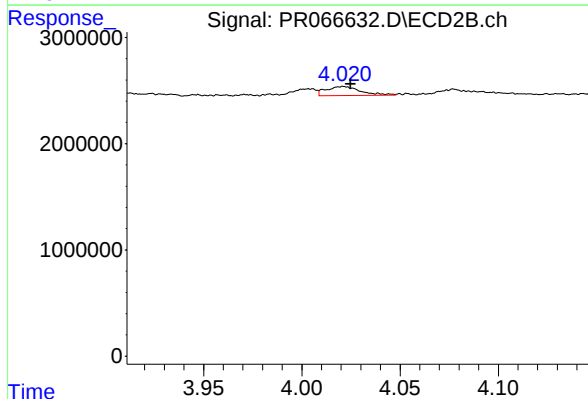
R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 602906
Conc: 4.82 ng/ml



#17 AR-1242-2

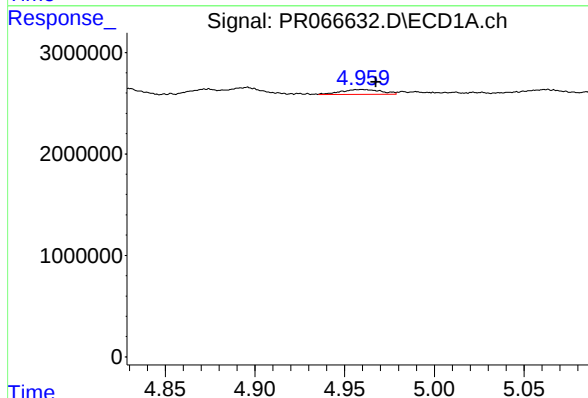
R.T.: 4.896 min
Delta R.T.: -0.008 min
Response: 1068850
Conc: 5.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



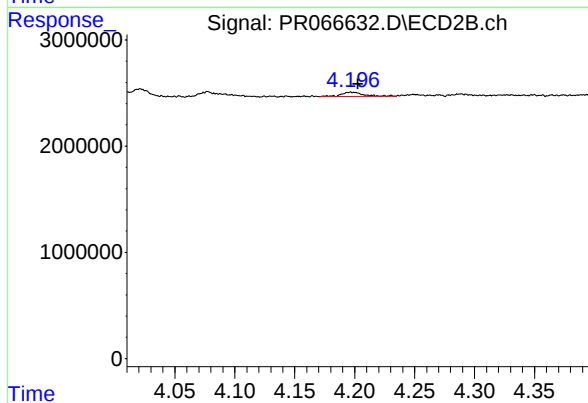
#17 AR-1242-2

R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 1047779
Conc: 5.91 ng/ml



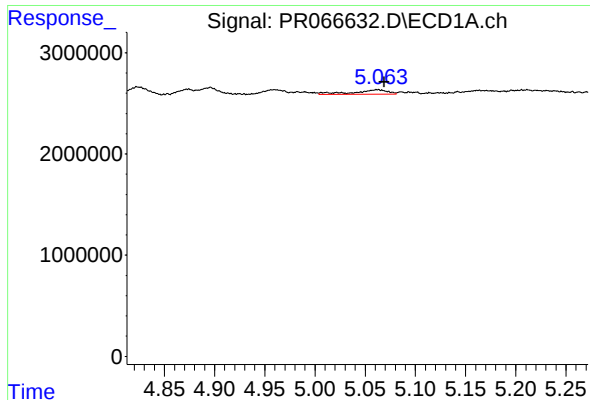
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: -0.008 min
Response: 761037
Conc: 6.39 ng/ml



#18 AR-1242-3

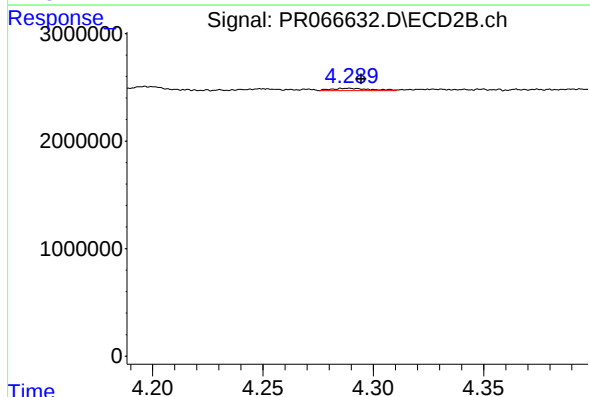
R.T.: 4.197 min
Delta R.T.: -0.006 min
Response: 534777
Conc: 5.57 ng/ml



#19 AR-1242-4

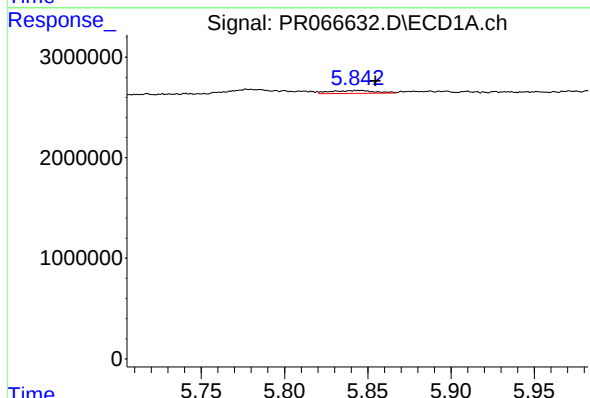
R.T.: 5.062 min
Delta R.T.: -0.007 min
Response: 981339
Conc: 10.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



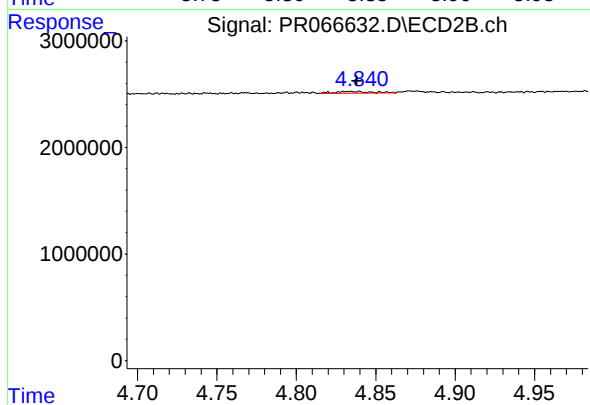
#19 AR-1242-4

R.T.: 4.288 min
Delta R.T.: -0.006 min
Response: 264579
Conc: 2.77 ng/ml



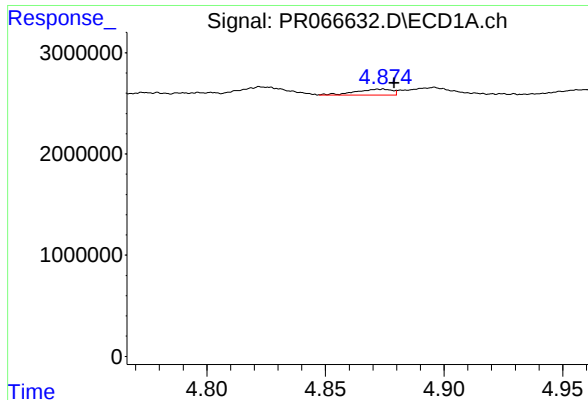
#20 AR-1242-5

R.T.: 5.845 min
Delta R.T.: -0.010 min
Response: 497912
Conc: 5.54 ng/ml



#20 AR-1242-5

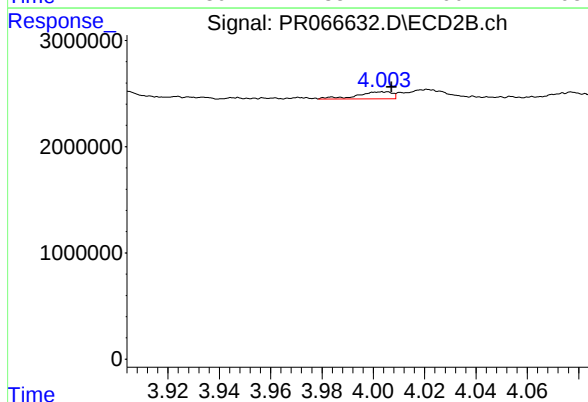
R.T.: 4.839 min
Delta R.T.: 0.001 min
Response: 268180
Conc: 2.18 ng/ml



#21 AR-1248-1

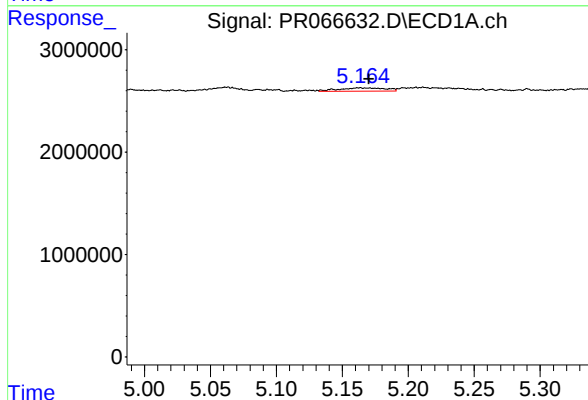
R.T.: 4.873 min
Delta R.T.: -0.006 min
Response: 613383
Conc: 7.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



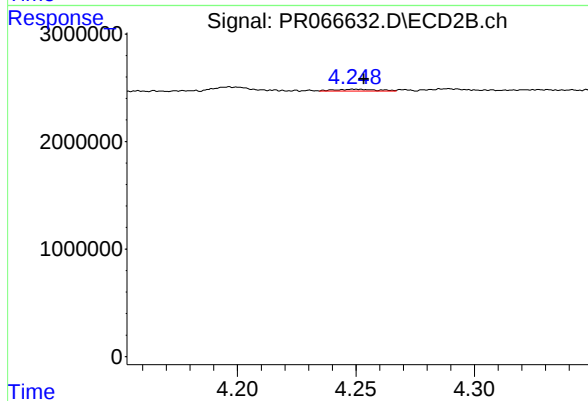
#21 AR-1248-1

R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 602906
Conc: 6.48 ng/ml



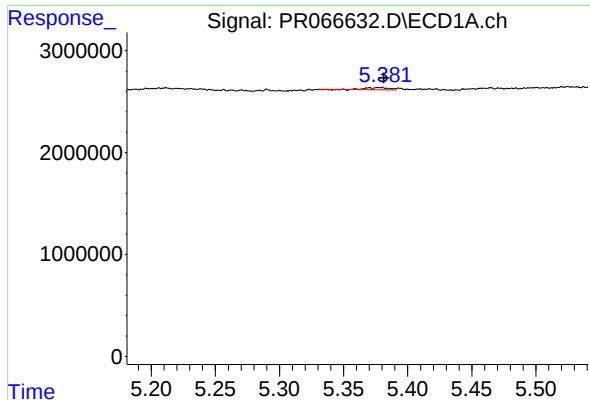
#22 AR-1248-2

R.T.: 5.163 min
Delta R.T.: -0.007 min
Response: 781562
Conc: 5.87 ng/ml



#22 AR-1248-2

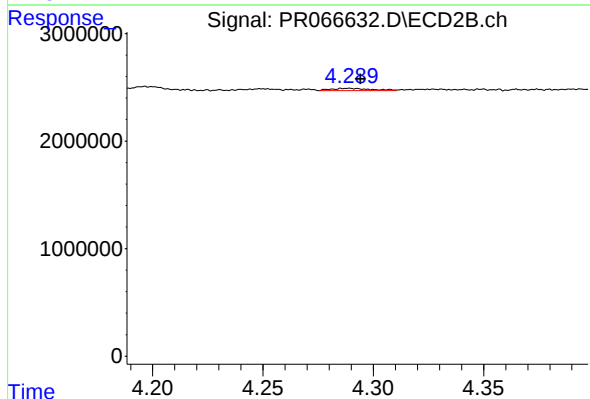
R.T.: 4.249 min
Delta R.T.: -0.004 min
Response: 224011
Conc: 1.66 ng/ml



#23 AR-1248-3

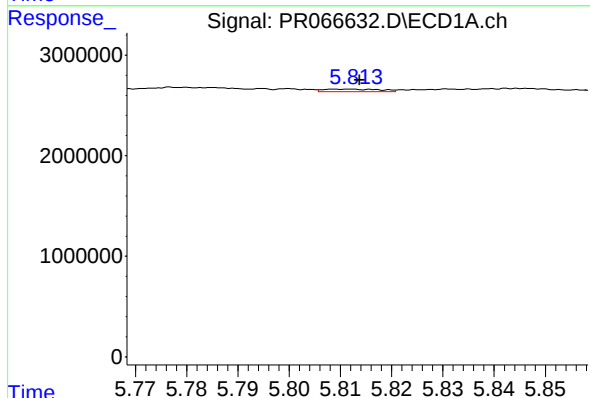
R.T.: 5.370 min
Delta R.T.: -0.012 min
Response: 257726
Conc: 1.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



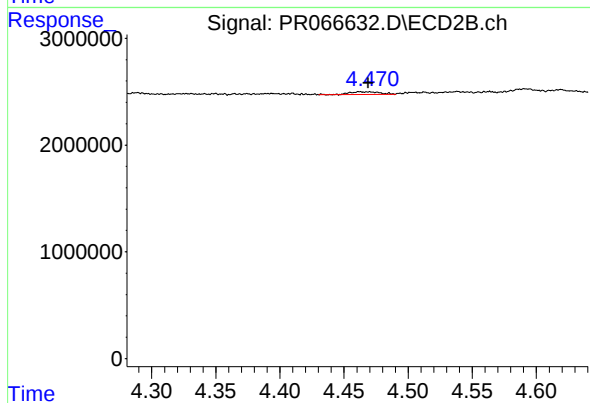
#23 AR-1248-3

R.T.: 4.288 min
Delta R.T.: -0.006 min
Response: 264579
Conc: 1.92 ng/ml



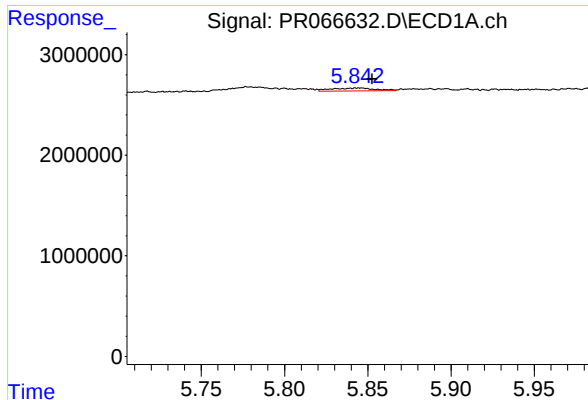
#24 AR-1248-4

R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 190843
Conc: 1.34 ng/ml



#24 AR-1248-4

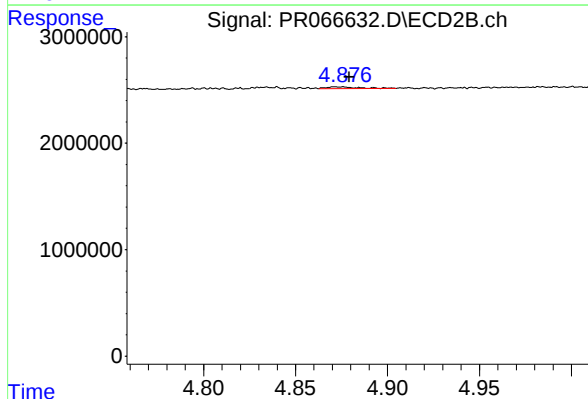
R.T.: 4.462 min
Delta R.T.: -0.007 min
Response: 385044
Conc: 2.33 ng/ml



#25 AR-1248-5

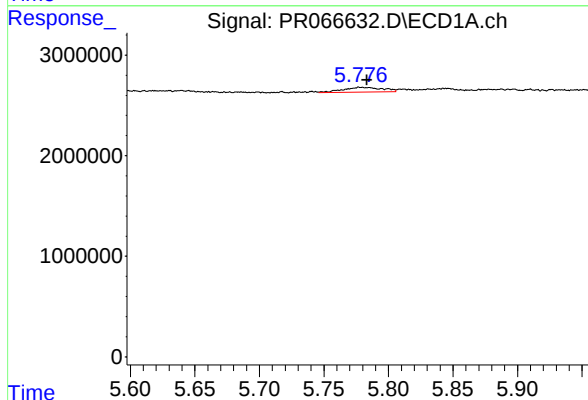
R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 497912
Conc: 3.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



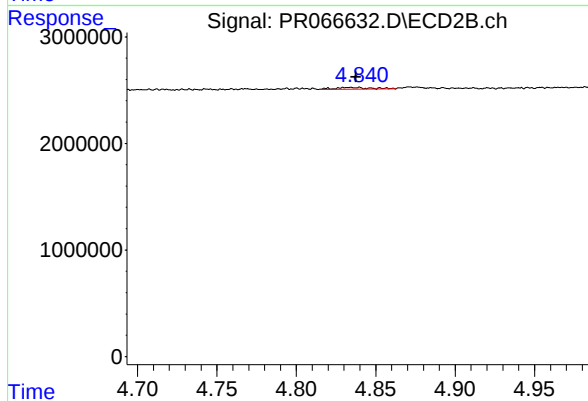
#25 AR-1248-5

R.T.: 4.872 min
Delta R.T.: -0.008 min
Response: 197966
Conc: 1.23 ng/ml



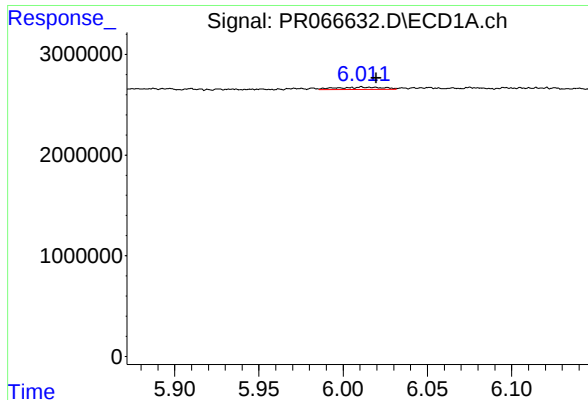
#26 AR-1254-1

R.T.: 5.778 min
Delta R.T.: -0.005 min
Response: 991216
Conc: 5.96 ng/ml



#26 AR-1254-1

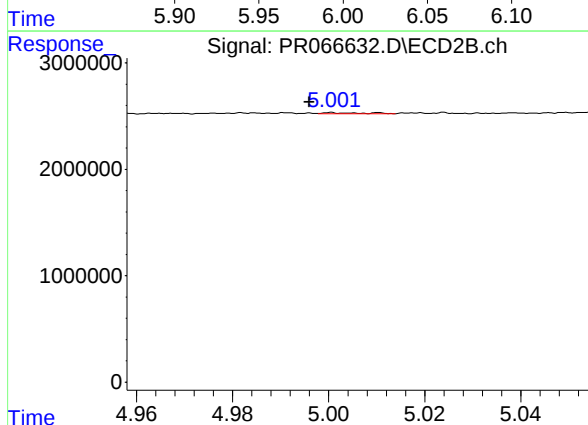
R.T.: 4.839 min
Delta R.T.: 0.002 min
Response: 268180
Conc: 1.09 ng/ml



#27 AR-1254-2

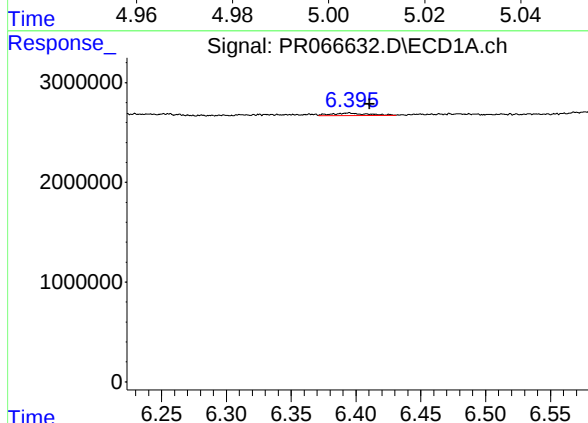
R.T.: 6.011 min
Delta R.T.: -0.009 min
Response: 414333
Conc: 1.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



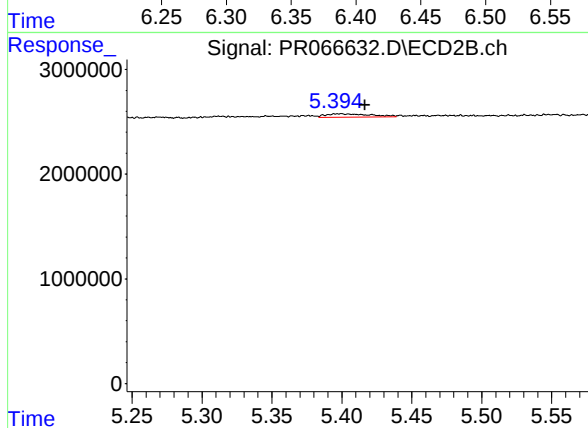
#27 AR-1254-2

R.T.: 5.001 min
Delta R.T.: 0.005 min
Response: 56727
Conc: 0.26 ng/ml



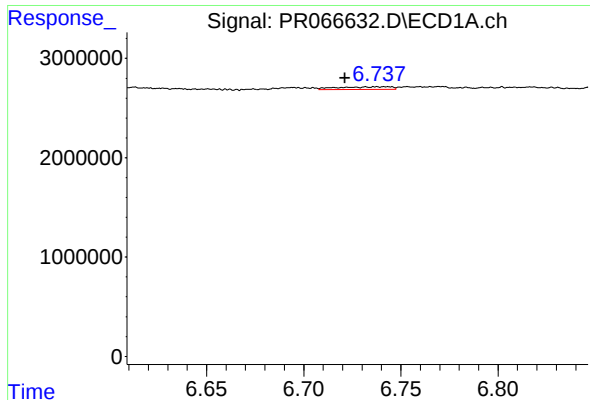
#28 AR-1254-3

R.T.: 6.395 min
Delta R.T.: -0.016 min
Response: 450008
Conc: 1.82 ng/ml



#28 AR-1254-3

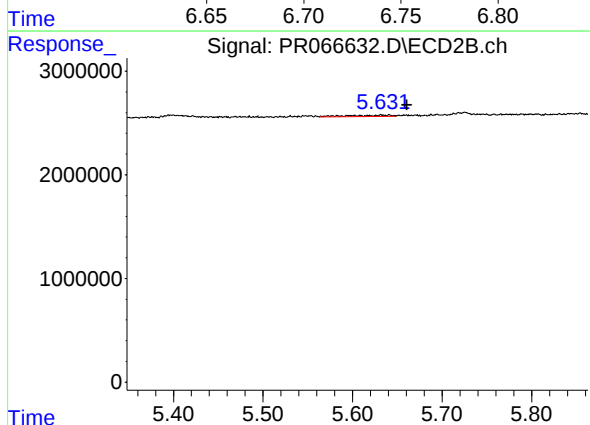
R.T.: 5.397 min
Delta R.T.: -0.020 min
Response: 715384
Conc: 2.08 ng/ml



#29 AR-1254-4

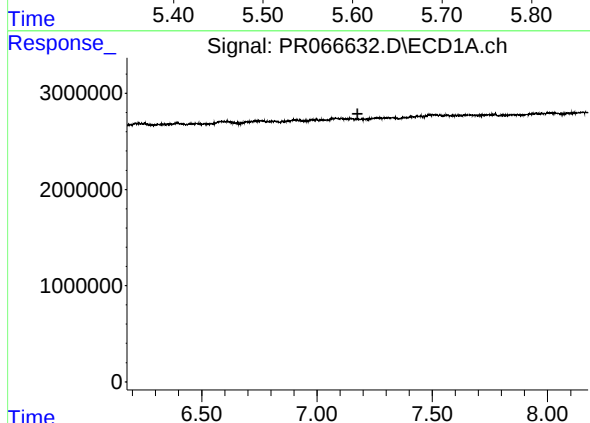
R.T.: 6.738 min
Delta R.T.: 0.017 min
Response: 549865
Conc: 3.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



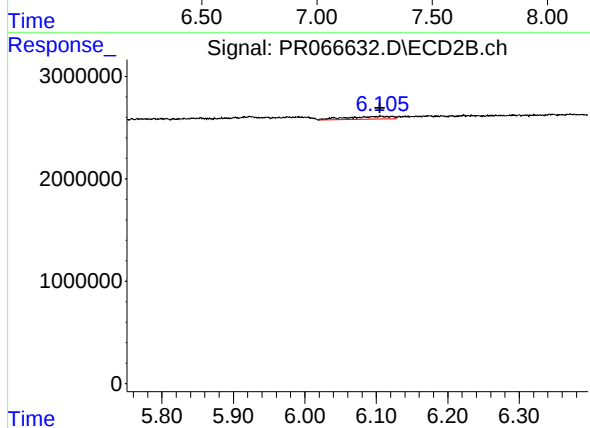
#29 AR-1254-4

R.T.: 5.640 min
Delta R.T.: -0.021 min
Response: 450261
Conc: 2.11 ng/ml



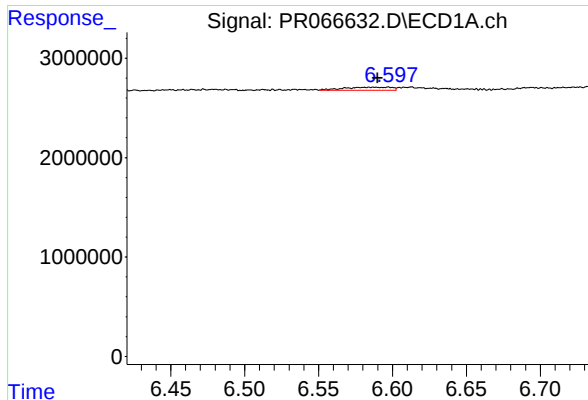
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.176 min
Response: 0
Conc: N.D.



#30 AR-1254-5

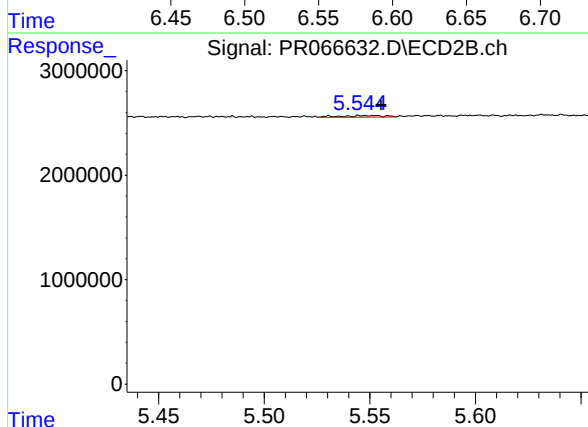
R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 1155734
Conc: 3.59 ng/ml



#31 AR-1260-1

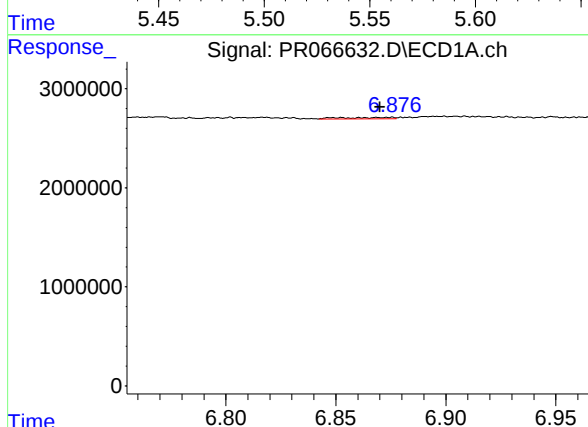
R.T.: 6.597 min
Delta R.T.: 0.007 min
Response: 700538
Conc: 3.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



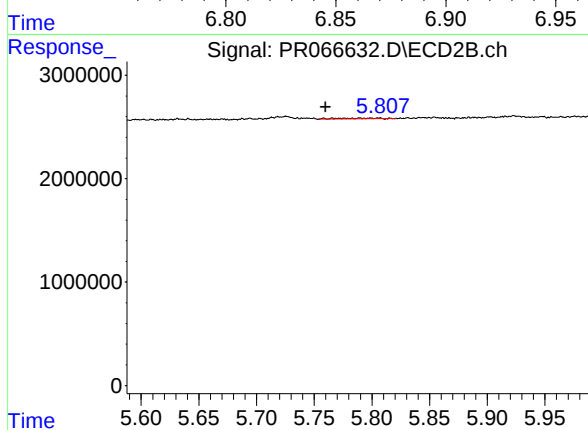
#31 AR-1260-1

R.T.: 5.549 min
Delta R.T.: -0.006 min
Response: 197972
Conc: 0.78 ng/ml



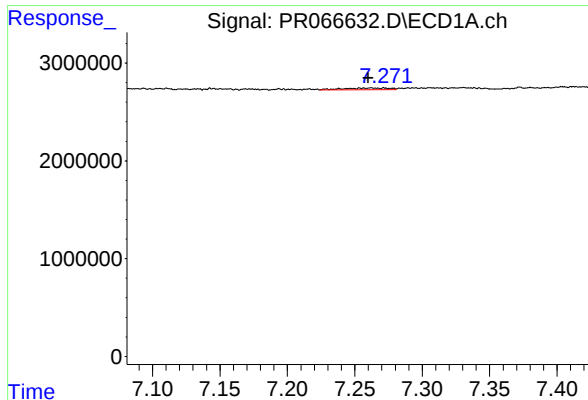
#32 AR-1260-2

R.T.: 6.853 min
Delta R.T.: -0.017 min
Response: 229059
Conc: 1.03 ng/ml



#32 AR-1260-2

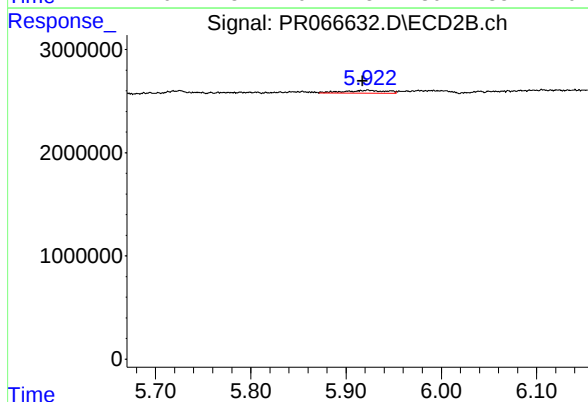
R.T.: 5.790 min
Delta R.T.: 0.030 min
Response: 195702
Conc: 0.64 ng/ml



#33 AR-1260-3

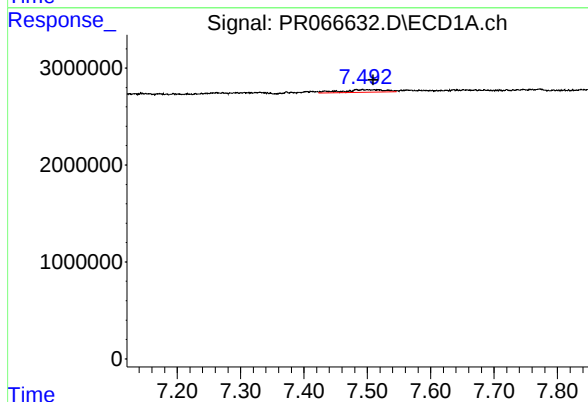
R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 440129
Conc: 2.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



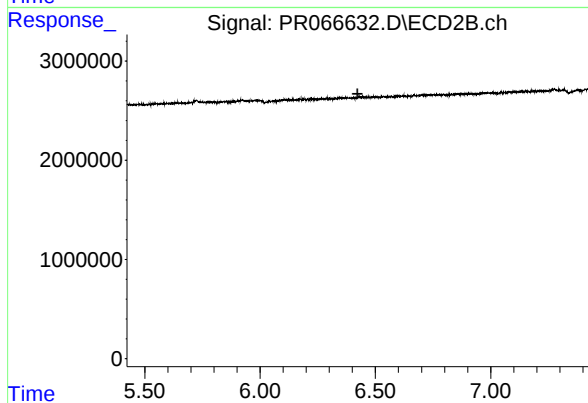
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: 0.006 min
Response: 853069
Conc: 2.93 ng/ml



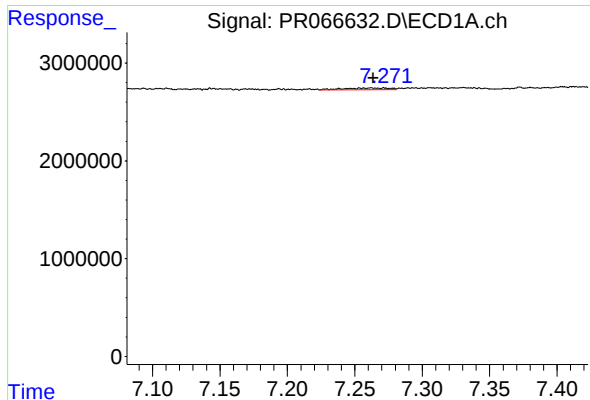
#34 AR-1260-4

R.T.: 7.493 min
Delta R.T.: -0.017 min
Response: 1275897
Conc: 7.16 ng/ml



#34 AR-1260-4

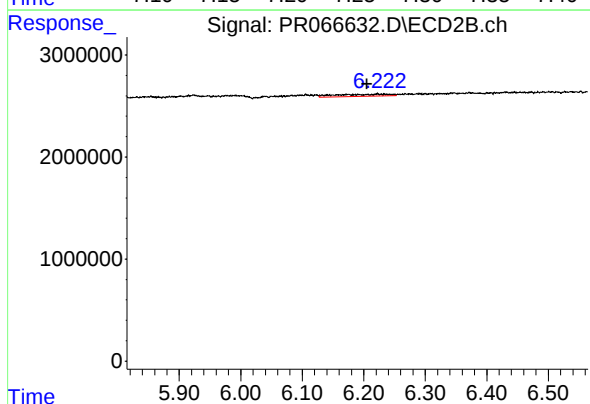
R.T.: 0.000 min
Exp R.T.: 6.423 min
Response: 0
Conc: N.D.



#36 AR-1262-1

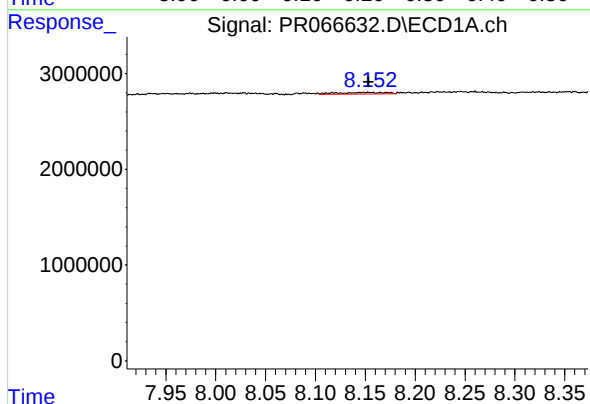
R.T.: 7.262 min
Delta R.T.: -0.002 min
Response: 440129
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



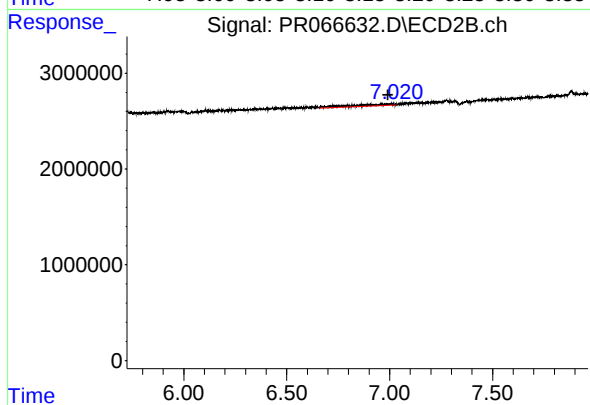
#36 AR-1262-1

R.T.: 6.223 min
Delta R.T.: 0.017 min
Response: 1219863
Conc: 8.44 ng/ml



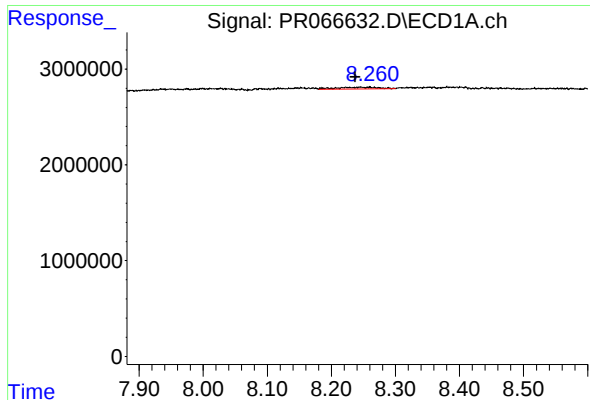
#38 AR-1262-3

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 642991
Conc: 3.04 ng/ml



#38 AR-1262-3

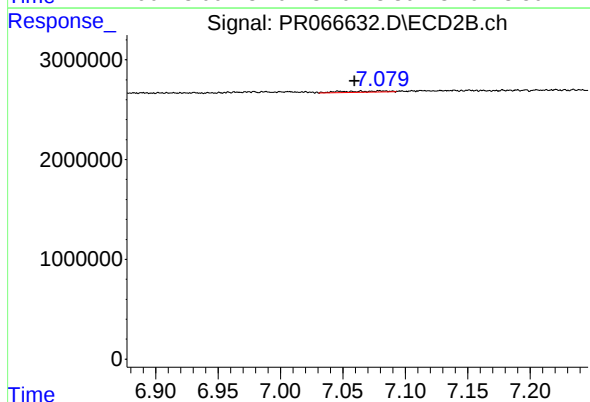
R.T.: 7.020 min
Delta R.T.: 0.029 min
Response: 2562421
Conc: 10.57 ng/ml



#39 AR-1262-4

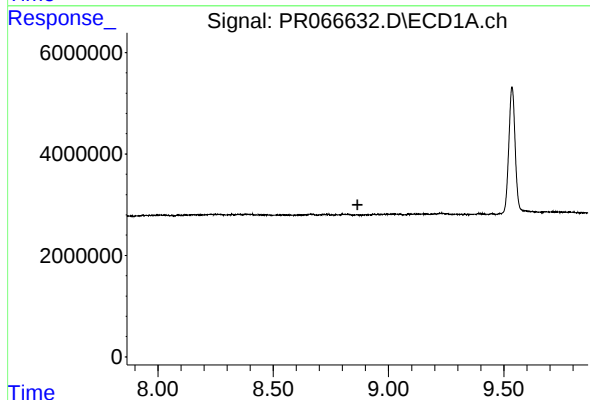
R.T.: 8.246 min
Delta R.T.: 0.008 min
Response: 851753
Conc: 7.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



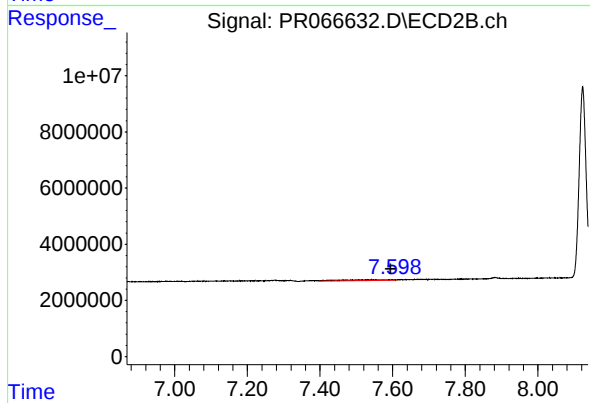
#39 AR-1262-4

R.T.: 7.064 min
Delta R.T.: 0.005 min
Response: 311157
Conc: 0.71 ng/ml



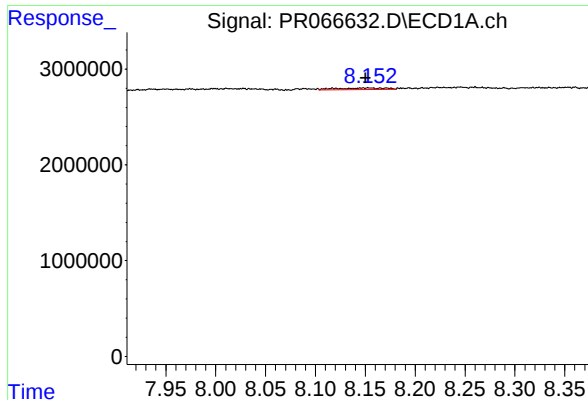
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.865 min
Response: 0
Conc: N.D.



#40 AR-1262-5

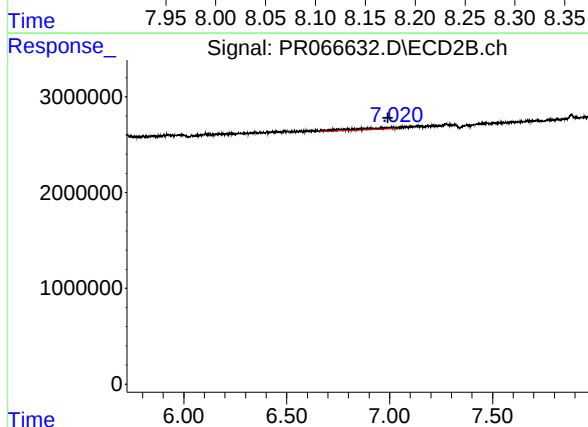
R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 2744637
Conc: 12.71 ng/ml



#41 AR-1268-1

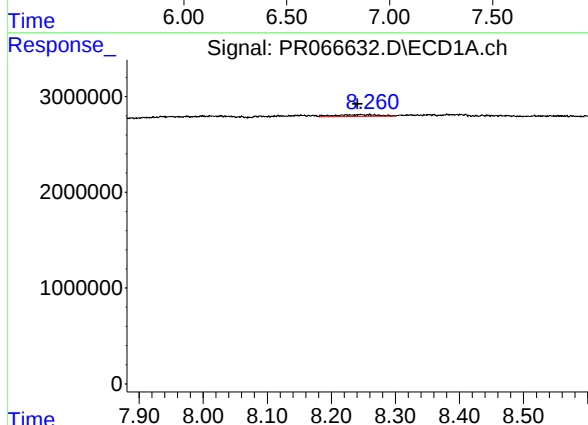
R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 642991
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



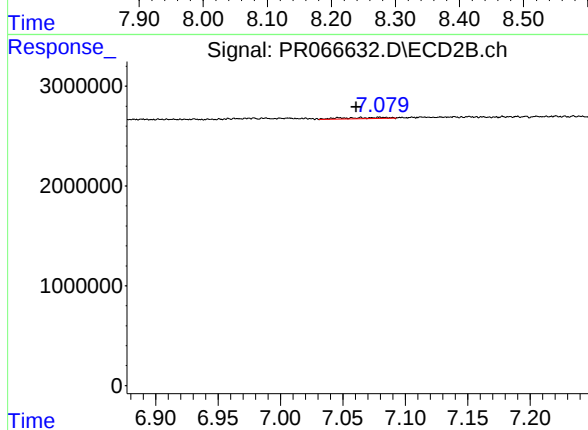
#41 AR-1268-1

R.T.: 7.020 min
Delta R.T.: 0.029 min
Response: 2562421
Conc: 3.54 ng/ml



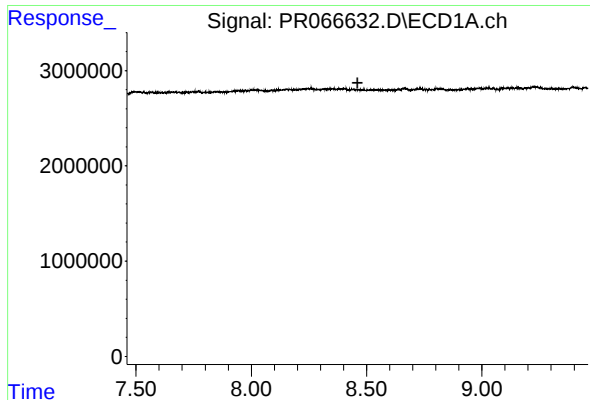
#42 AR-1268-2

R.T.: 8.246 min
Delta R.T.: 0.004 min
Response: 851753
Conc: 2.48 ng/ml



#42 AR-1268-2

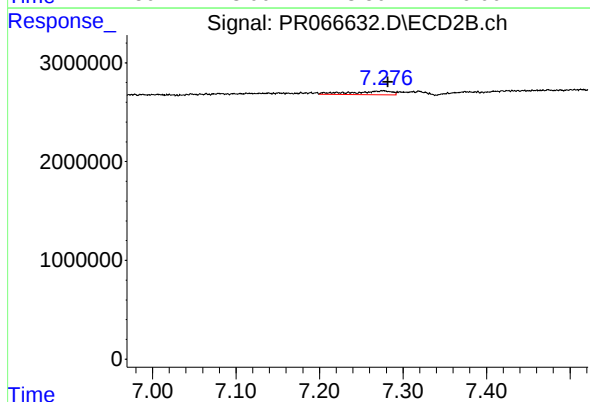
R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 311157
Conc: 0.48 ng/ml



#43 AR-1268-3

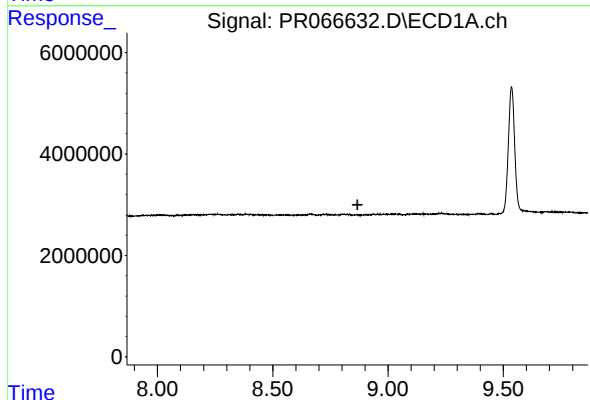
R.T.: 0.000 min
Exp R.T.: 8.460 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



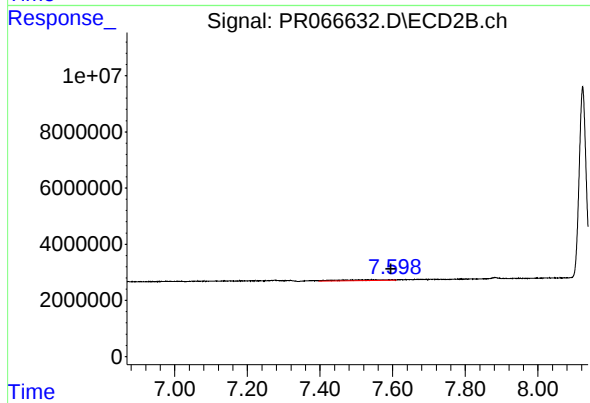
#43 AR-1268-3

R.T.: 7.276 min
Delta R.T.: -0.005 min
Response: 1249143
Conc: 2.20 ng/ml



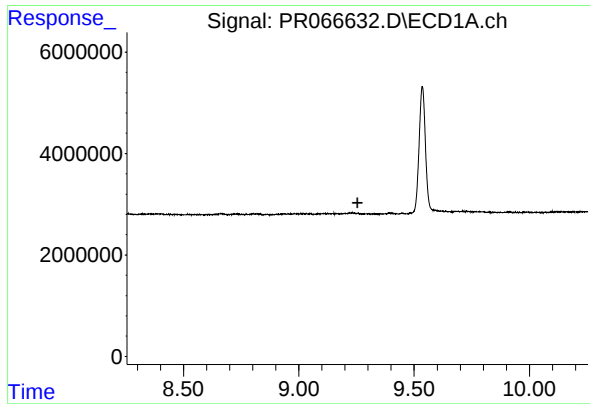
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.867 min
Response: 0
Conc: N.D.



#44 AR-1268-4

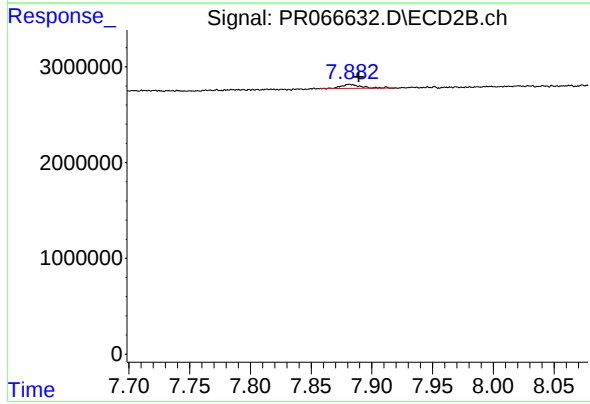
R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 2744637
Conc: 11.25 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT2-2024



#45 AR-1268-5

R.T.: 7.883 min
Delta R.T.: -0.007 min
Response: 471799
Conc: 0.29 ng/ml