

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 18:50
 Operator : AJ\MA
 Sample : Q1168-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 29 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 00:48:22 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	18433459	93944688	16.325	16.111
2)	SA Decachlor...	9.510	8.226	13487404	75704676	18.866	18.490
Target Compounds							
3)	L1 AR-1016-1	4.845	4.074	588065	2947084	19.813	18.684
4)	L1 AR-1016-2	4.865	4.092	992549	4305834	20.822	18.075
5)	L1 AR-1016-3	4.930	4.271	763046	2127579	24.834	16.952 #
6)	L1 AR-1016-4	5.032	4.323	621309	1783450	25.554	16.228 #
7)	L1 AR-1016-5	5.347	4.541	301231	2321199	12.574	17.017 #
8)	L2 AR-1221-1	3.836	3.177	277566	337445	21.263	4.930 #
9)	L2 AR-1221-2	3.938	3.261	356493	2616624	36.514	51.102 #
10)	L2 AR-1221-3	4.014	3.342	436345	1729205	14.268	11.107
11)	L3 AR-1232-1	4.014	3.342	436345	1729205	18.398	14.461
12)	L3 AR-1232-2	4.559	4.092	631900	4305834	50.558	38.788
13)	L3 AR-1232-3	4.865	4.271	992549	2127579	45.900	36.862
14)	L3 AR-1232-4	5.032	4.365	621309	2248031	57.014	42.362 #
15)	L3 AR-1232-5	5.184	4.541	367691	2321199	38.298	40.569
16)	L4 AR-1242-1	4.845	4.074	588065	2947084	24.489	22.788
17)	L4 AR-1242-2	4.865	4.092	992549	4305834	25.589	22.139
18)	L4 AR-1242-3	4.930	4.271	763046	2127579	30.421	20.445 #
19)	L4 AR-1242-4	5.032	4.365	621309	2248031	31.980	21.933 #
20)	L4 AR-1242-5	5.819	4.913	628241	3139870	33.181	27.401
21)	L5 AR-1248-1	4.845	4.074	588065	2947084	32.370	30.547
22)	L5 AR-1248-2	5.135	4.323	428996	1783450	15.465	12.292
23)	L5 AR-1248-3	5.347	4.365	301231	2248031	9.566	15.183 #
24)	L5 AR-1248-4	5.780	4.541	430333	2321199	14.301	13.206
25)	L5 AR-1248-5	5.819	4.955	628241	2752261	19.770	18.329
26)	L6 AR-1254-1	5.749	4.913	425204	3139870	11.669	12.424
27)	L6 AR-1254-2	5.986	5.072	556521	2743966	10.283	12.593
28)	L6 AR-1254-3	6.377	5.496	322175	1298433	6.029	4.068 #
29)	L6 AR-1254-4	0.000	5.744	0	692079	N.D.	4.300 #
30)	L6 AR-1254-5	0.000	6.190	0	927921	N.D.	3.568 #
31)	L7 AR-1260-1	0.000	5.642	0	834238	N.D.	3.791 #
32)	L7 AR-1260-2	0.000	5.848	0	215070	N.D.	0.873 #
33)	L7 AR-1260-3	0.000	6.003	0	861331	N.D.	3.614 #
34)	L7 AR-1260-4	0.000	6.500	0	352702	N.D.	1.790 #
35)	L7 AR-1260-5	7.824	6.781	132231	919781	2.056	2.235
36)	L8 AR-1262-1	0.000	6.242	0	635494	N.D.	2.064 #
37)	L8 AR-1262-2	7.824	6.500	132231	352702	1.750	1.306 #
39)	L8 AR-1262-4	0.000	7.151	0	396288	N.D.	1.099 #
40)	L8 AR-1262-5	0.000	7.694	0	1790551	N.D.	11.741 #
42)	L9 AR-1268-2	0.000	7.151	0	396288	N.D.	0.757 #
43)	L9 AR-1268-3	0.000	7.370	0	540474	N.D.	1.105 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070263.D
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 Acq On : 10 Feb 2025 18:50
 Operator : AJ\MA
 Sample : Q1168-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 29 Sample Multiplier: 1

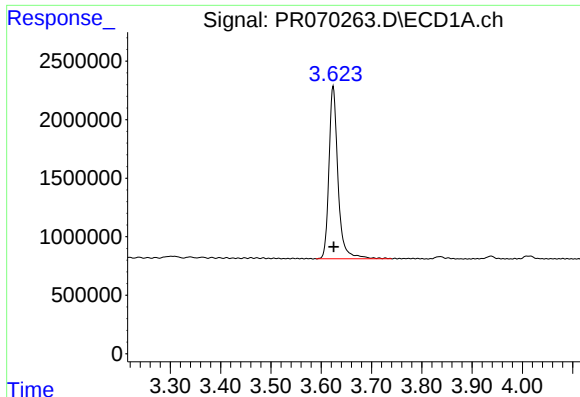
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 00:48:22 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
44) L9	AR-1268-4	0.000	7.694	0	1790551	N.D.	10.464 #
45) L9	AR-1268-5	0.000	7.980	0	384158	N.D.	0.277 #

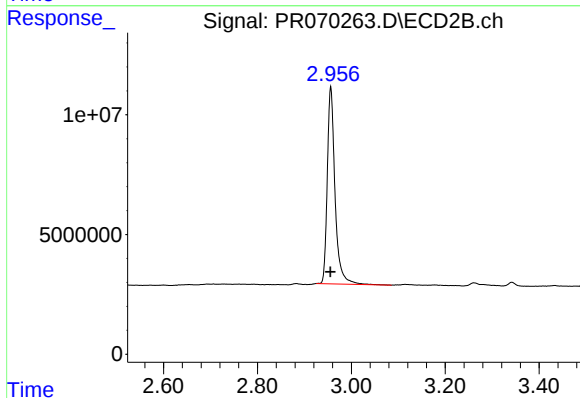
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

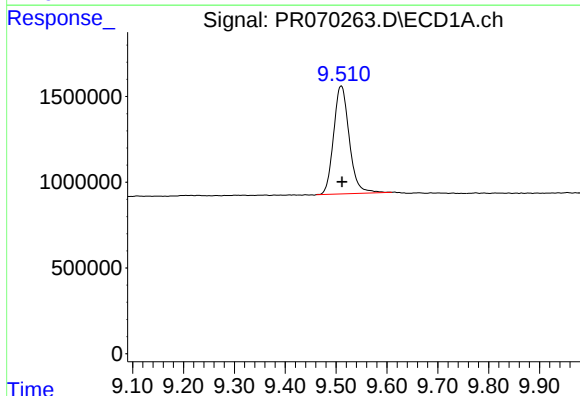
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18433459
Conc: 16.32 ng/ml

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



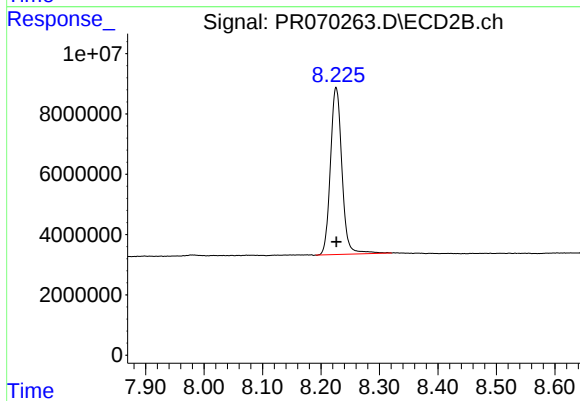
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 93944688
Conc: 16.11 ng/ml



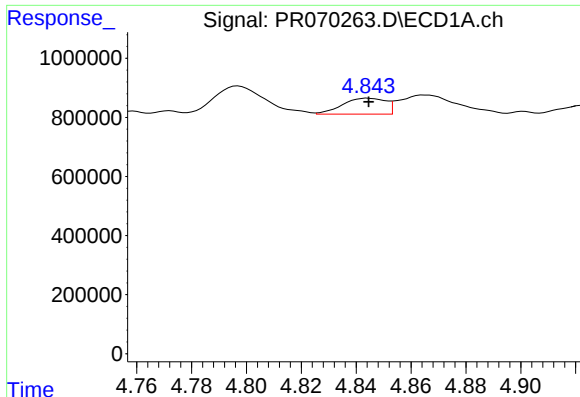
#2 Decachlorobiphenyl

R.T.: 9.510 min
Delta R.T.: -0.002 min
Response: 13487404
Conc: 18.87 ng/ml



#2 Decachlorobiphenyl

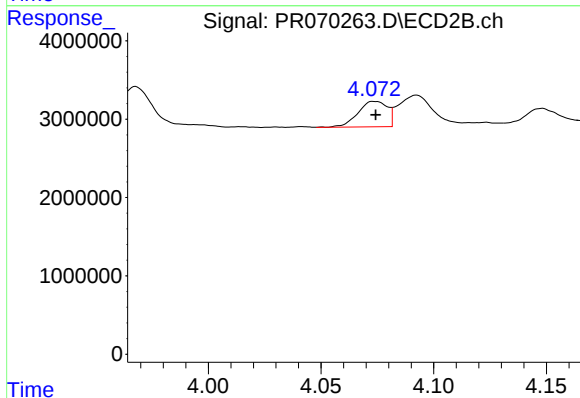
R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 75704676
Conc: 18.49 ng/ml



#3 AR-1016-1

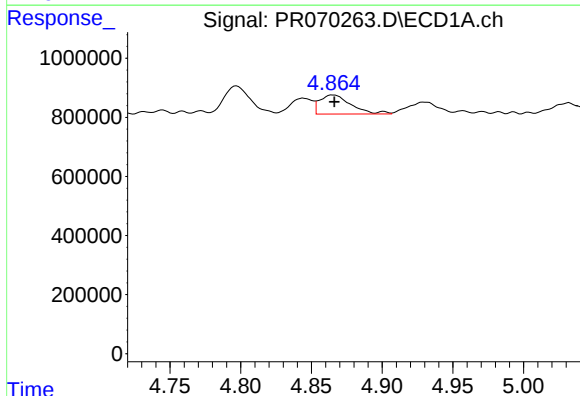
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 588065
Conc: 19.81 ng/ml

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



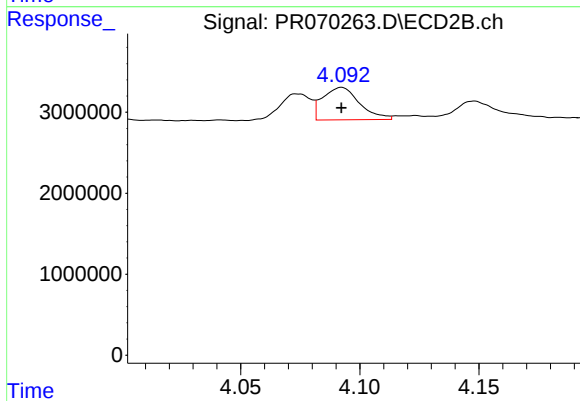
#3 AR-1016-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2947084
Conc: 18.68 ng/ml



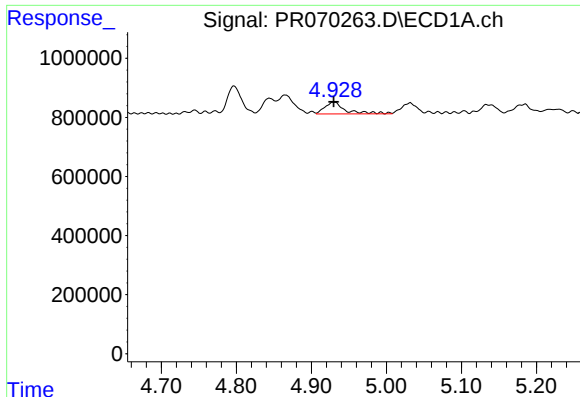
#4 AR-1016-2

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 992549
Conc: 20.82 ng/ml



#4 AR-1016-2

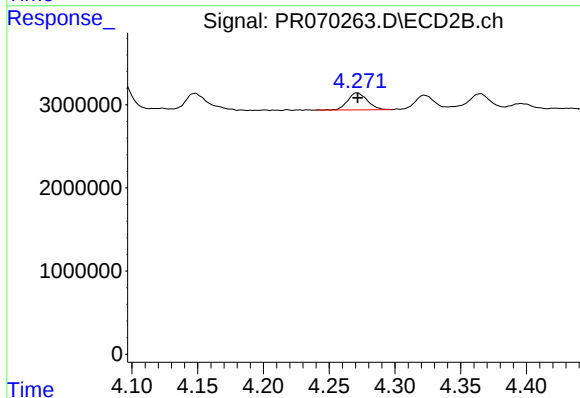
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 4305834
Conc: 18.07 ng/ml



#5 AR-1016-3

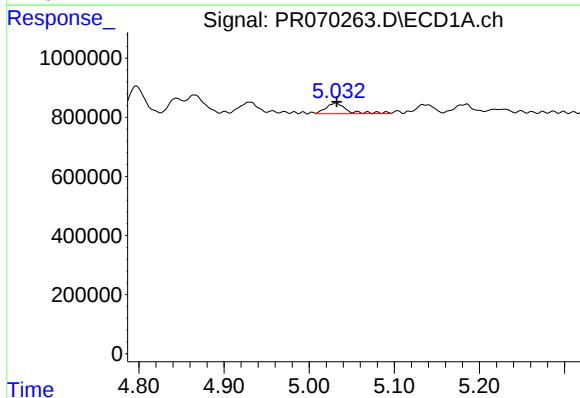
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 763046
Conc: 24.83 ng/ml

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



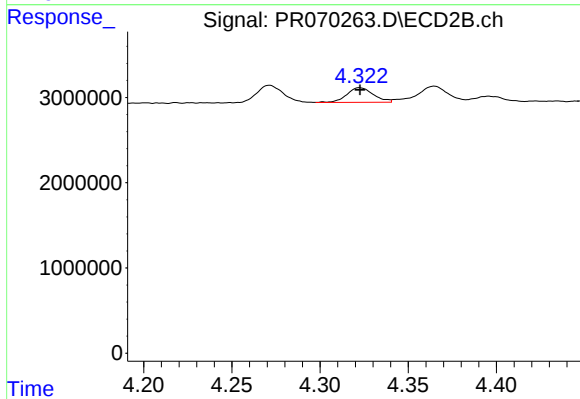
#5 AR-1016-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2127579
Conc: 16.95 ng/ml



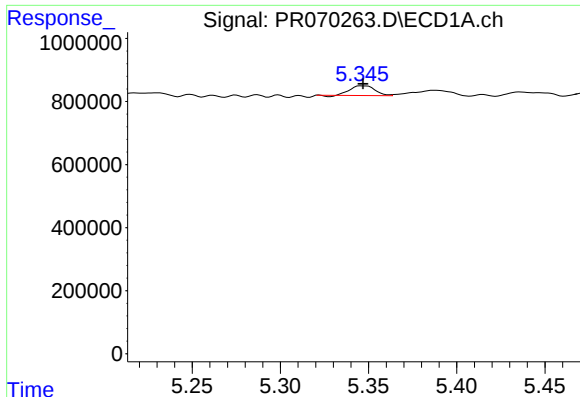
#6 AR-1016-4

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 621309
Conc: 25.55 ng/ml



#6 AR-1016-4

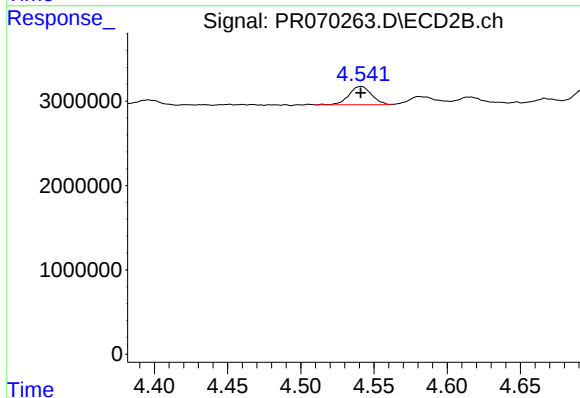
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 1783450
Conc: 16.23 ng/ml



#7 AR-1016-5

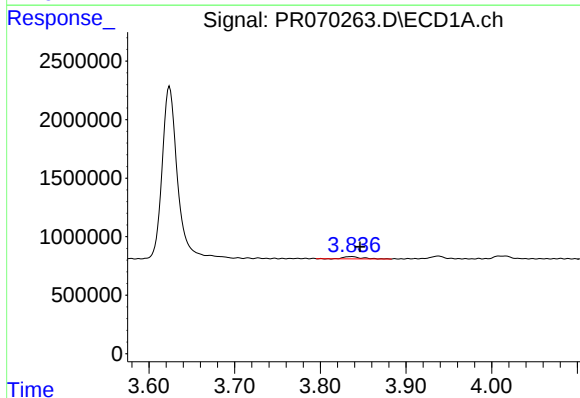
R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 301231
Conc: 12.57 ng/ml

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



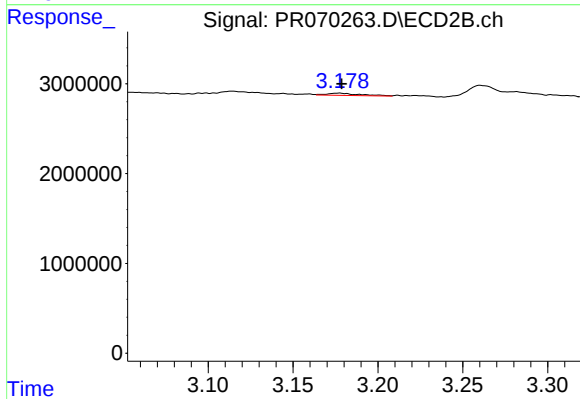
#7 AR-1016-5

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2321199
Conc: 17.02 ng/ml



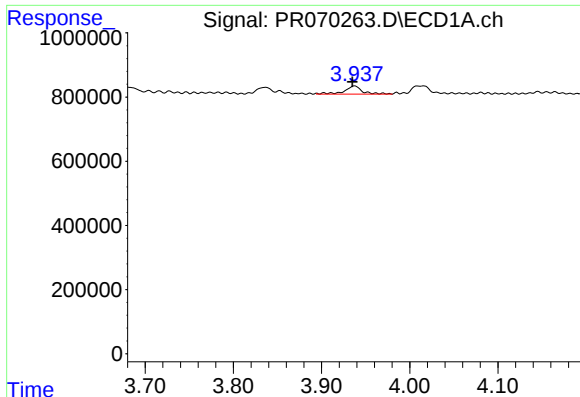
#8 AR-1221-1

R.T.: 3.836 min
Delta R.T.: -0.010 min
Response: 277566
Conc: 21.26 ng/ml



#8 AR-1221-1

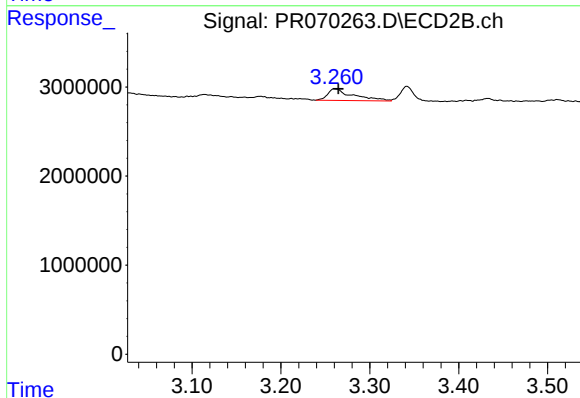
R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 337445
Conc: 4.93 ng/ml



#9 AR-1221-2

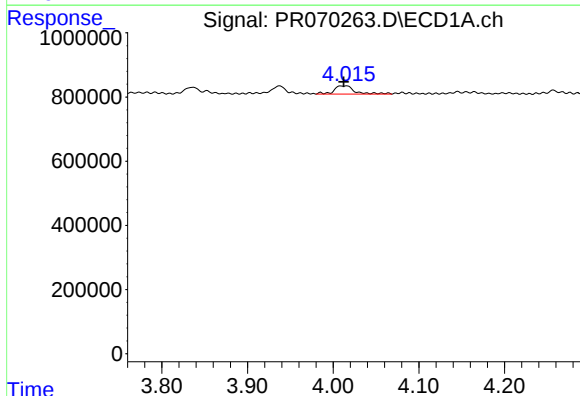
R.T.: 3.938 min
Delta R.T.: 0.003 min
Response: 356493
Conc: 36.51 ng/ml

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



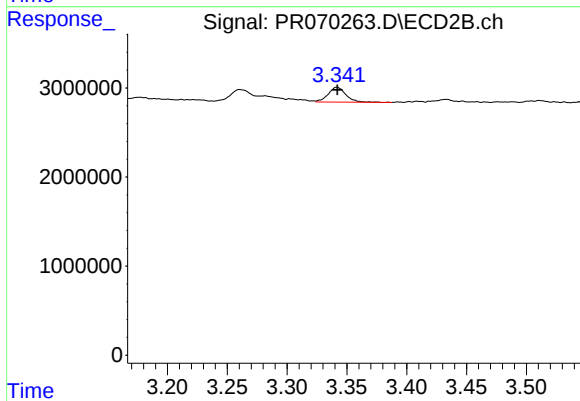
#9 AR-1221-2

R.T.: 3.261 min
Delta R.T.: -0.004 min
Response: 2616624
Conc: 51.10 ng/ml



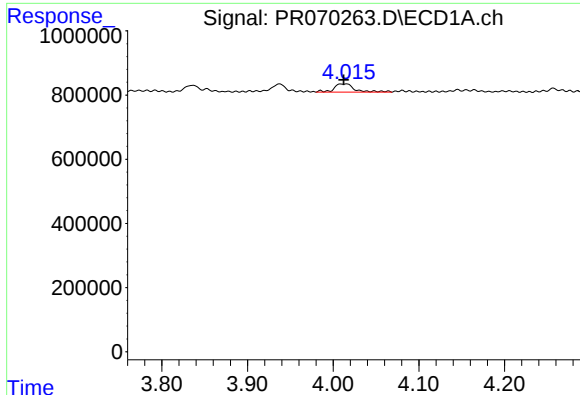
#10 AR-1221-3

R.T.: 4.014 min
Delta R.T.: 0.002 min
Response: 436345
Conc: 14.27 ng/ml



#10 AR-1221-3

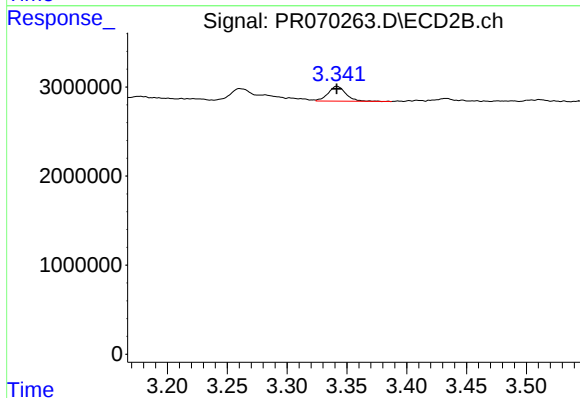
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 1729205
Conc: 11.11 ng/ml



#11 AR-1232-1

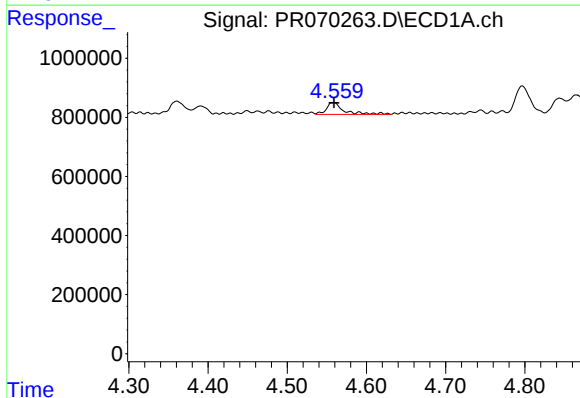
R.T.: 4.014 min
Delta R.T.: 0.002 min
Response: 436345
Conc: 18.40 ng/ml

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



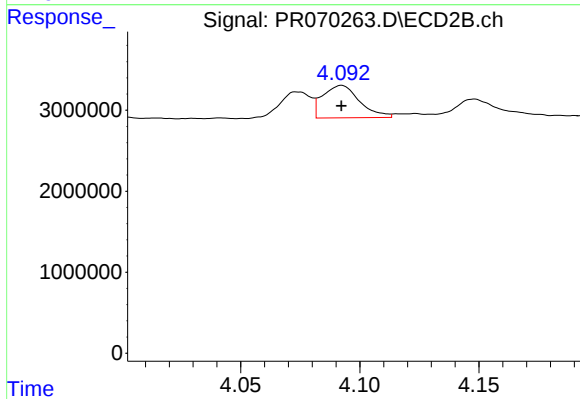
#11 AR-1232-1

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 1729205
Conc: 14.46 ng/ml



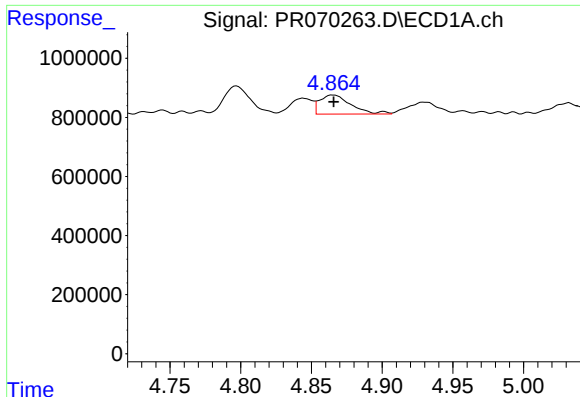
#12 AR-1232-2

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 631900
Conc: 50.56 ng/ml



#12 AR-1232-2

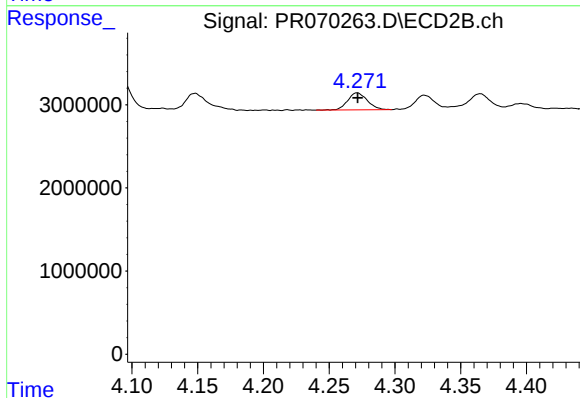
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 4305834
Conc: 38.79 ng/ml



#13 AR-1232-3

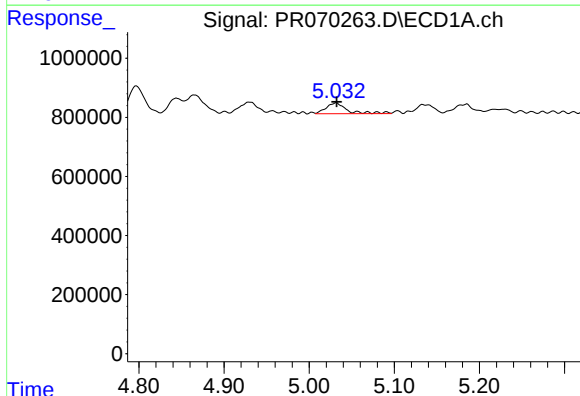
R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 992549
Conc: 45.90 ng/ml

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



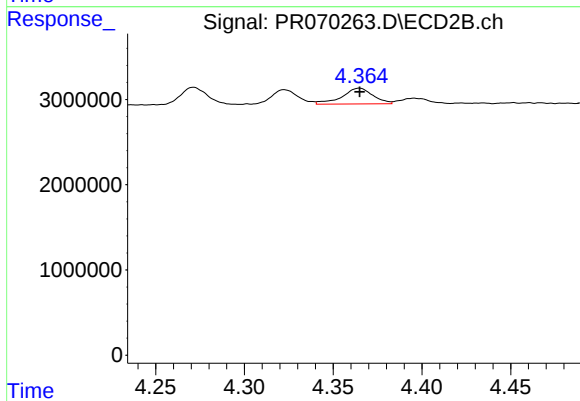
#13 AR-1232-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2127579
Conc: 36.86 ng/ml



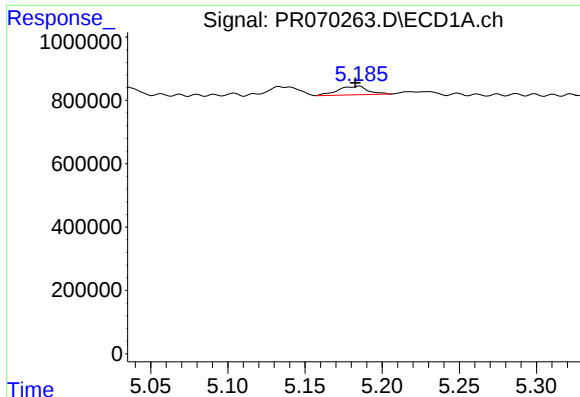
#14 AR-1232-4

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 621309
Conc: 57.01 ng/ml



#14 AR-1232-4

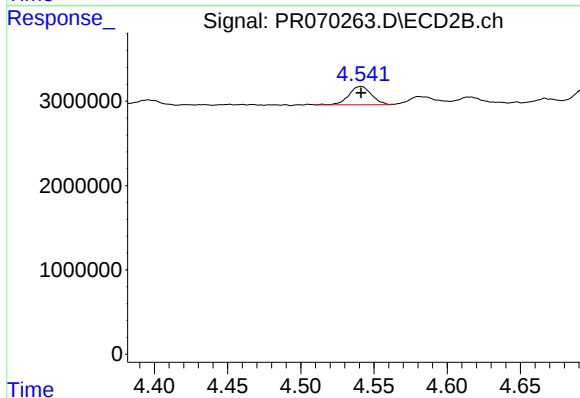
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 2248031
Conc: 42.36 ng/ml



#15 AR-1232-5

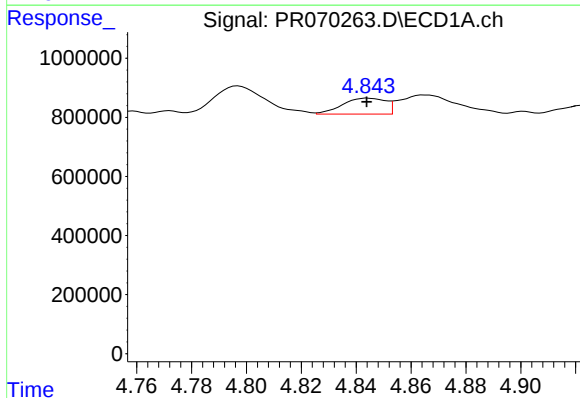
R.T.: 5.184 min
Delta R.T.: 0.002 min
Response: 367691
Conc: 38.30 ng/ml

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



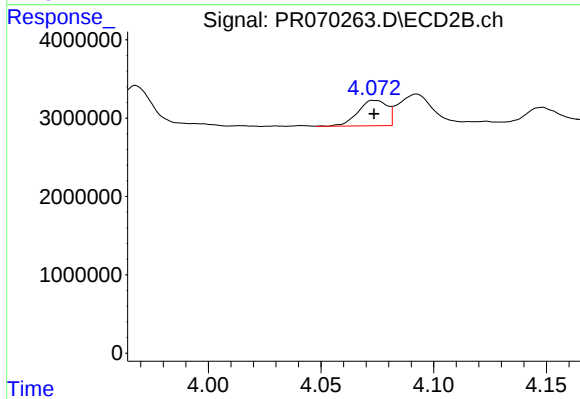
#15 AR-1232-5

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2321199
Conc: 40.57 ng/ml



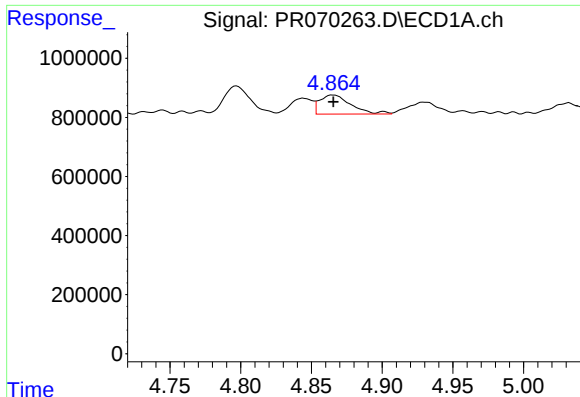
#16 AR-1242-1

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 588065
Conc: 24.49 ng/ml



#16 AR-1242-1

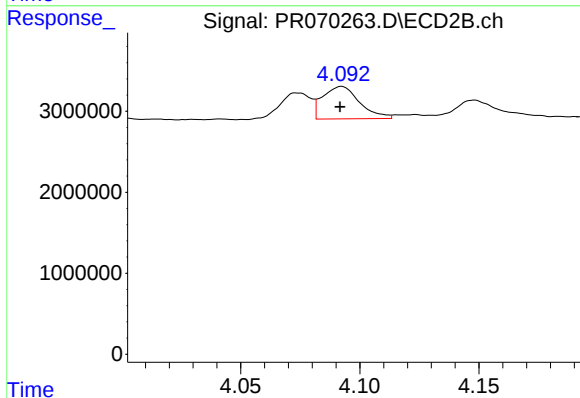
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2947084
Conc: 22.79 ng/ml



#17 AR-1242-2

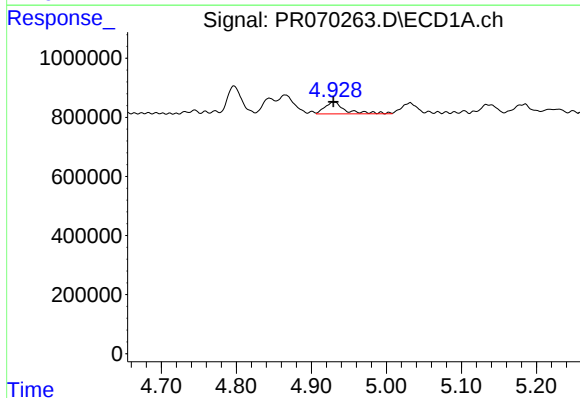
R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 992549
Conc: 25.59 ng/ml

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



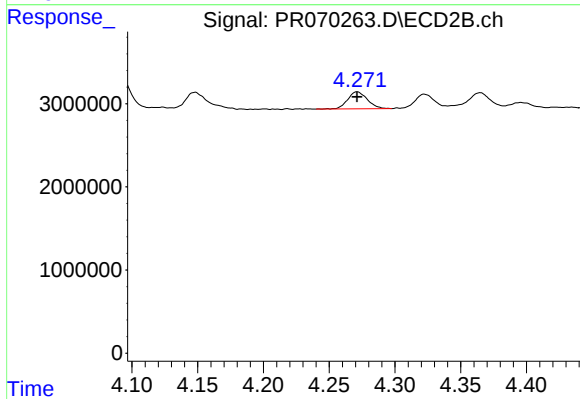
#17 AR-1242-2

R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 4305834
Conc: 22.14 ng/ml



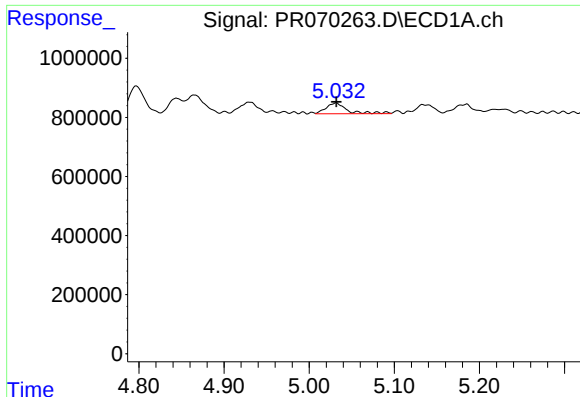
#18 AR-1242-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 763046
Conc: 30.42 ng/ml



#18 AR-1242-3

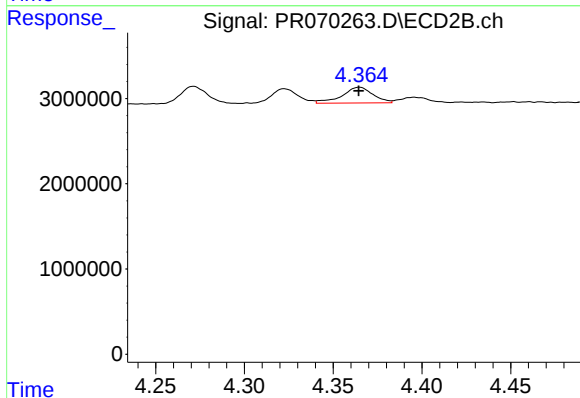
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2127579
Conc: 20.44 ng/ml



#19 AR-1242-4

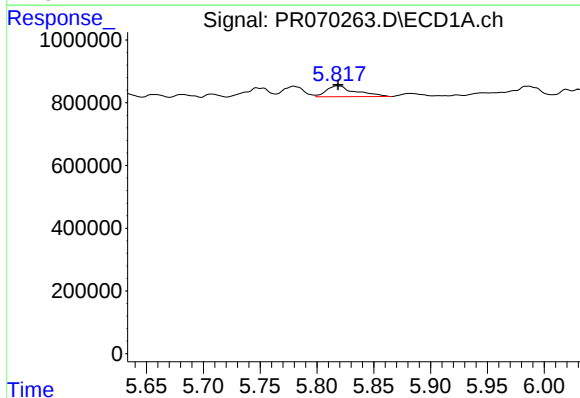
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 621309
Conc: 31.98 ng/ml

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



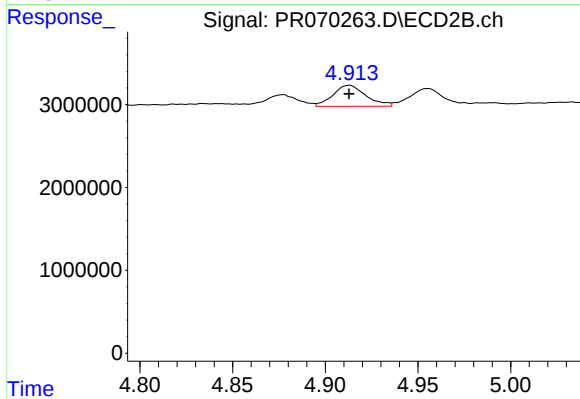
#19 AR-1242-4

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 2248031
Conc: 21.93 ng/ml



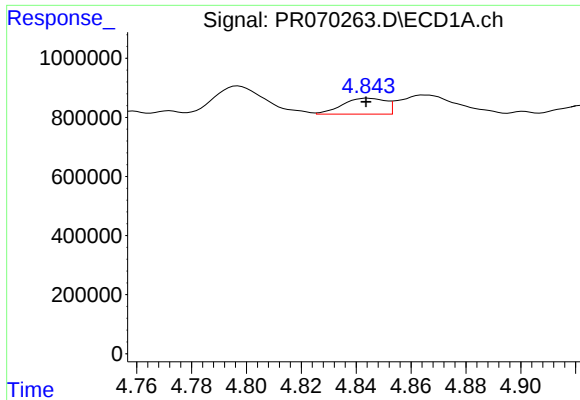
#20 AR-1242-5

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 628241
Conc: 33.18 ng/ml



#20 AR-1242-5

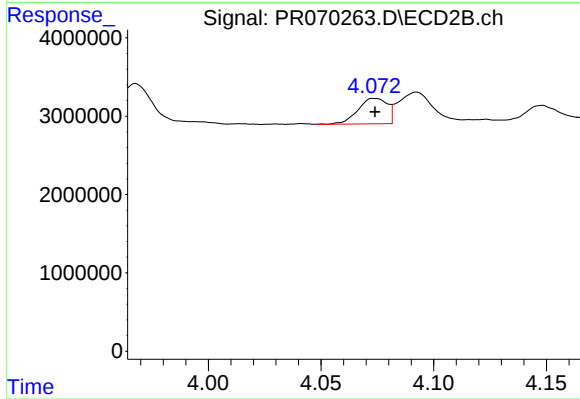
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 3139870
Conc: 27.40 ng/ml



#21 AR-1248-1

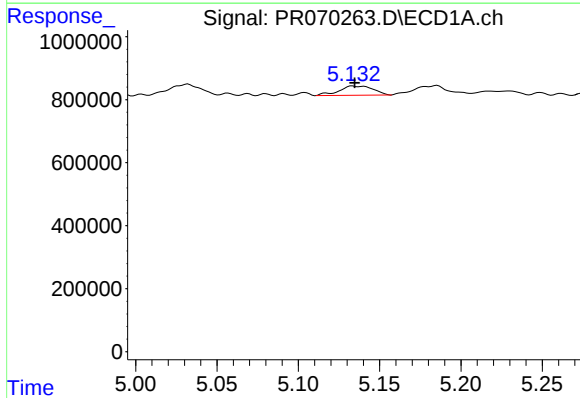
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 588065
Conc: 32.37 ng/ml

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



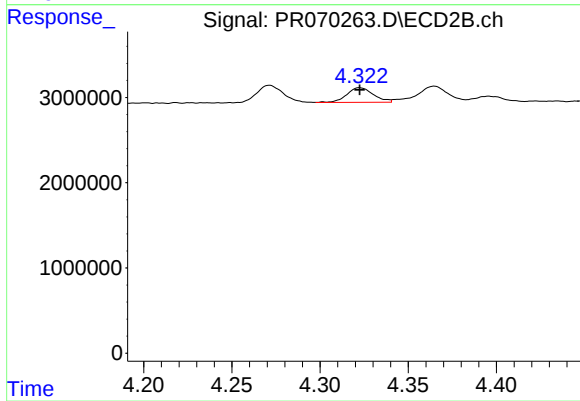
#21 AR-1248-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2947084
Conc: 30.55 ng/ml



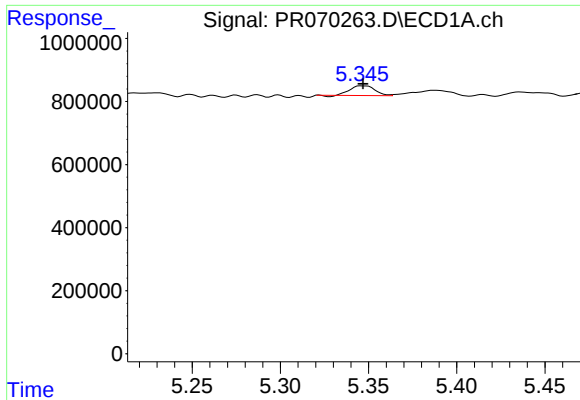
#22 AR-1248-2

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 428996
Conc: 15.47 ng/ml



#22 AR-1248-2

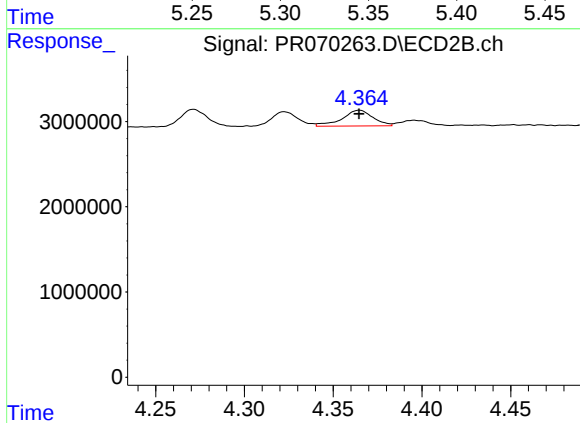
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 1783450
Conc: 12.29 ng/ml



#23 AR-1248-3

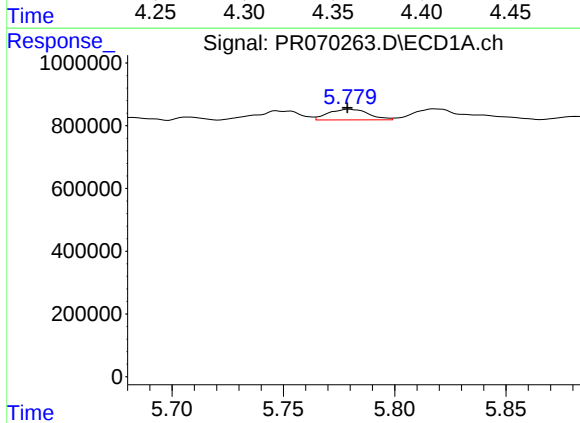
R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 301231
Conc: 9.57 ng/ml

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



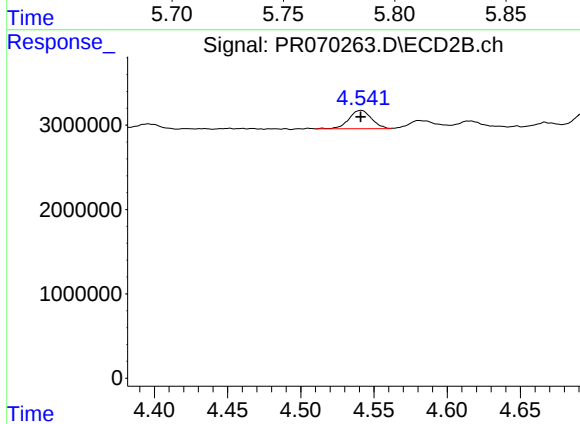
#23 AR-1248-3

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 2248031
Conc: 15.18 ng/ml



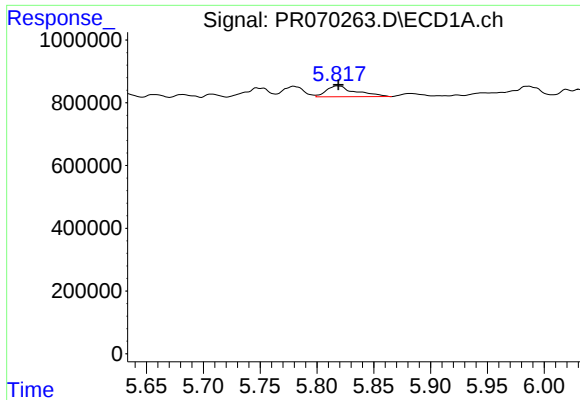
#24 AR-1248-4

R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 430333
Conc: 14.30 ng/ml



#24 AR-1248-4

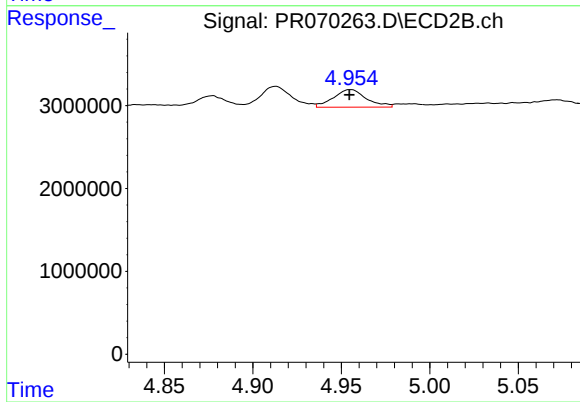
R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2321199
Conc: 13.21 ng/ml



#25 AR-1248-5

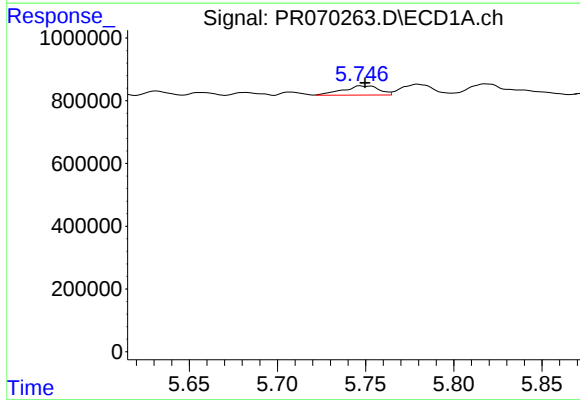
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 628241
Conc: 19.77 ng/ml

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



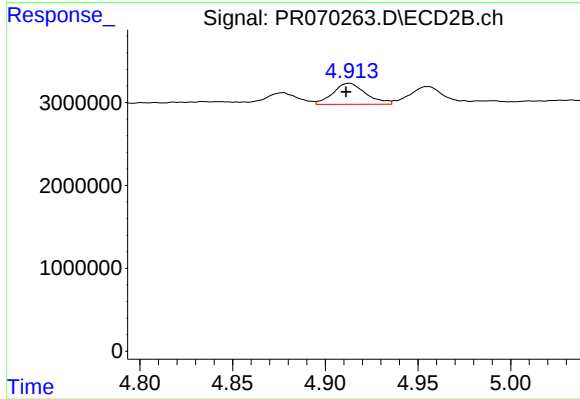
#25 AR-1248-5

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 2752261
Conc: 18.33 ng/ml



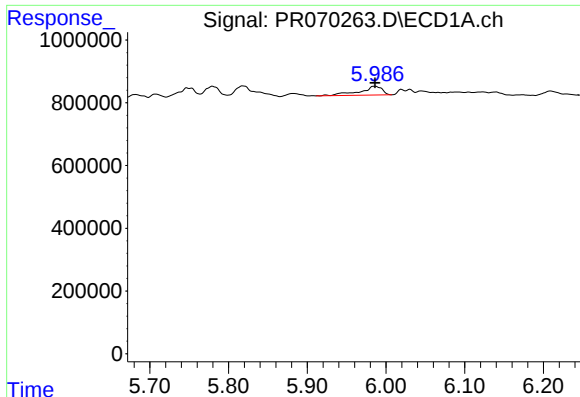
#26 AR-1254-1

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 425204
Conc: 11.67 ng/ml



#26 AR-1254-1

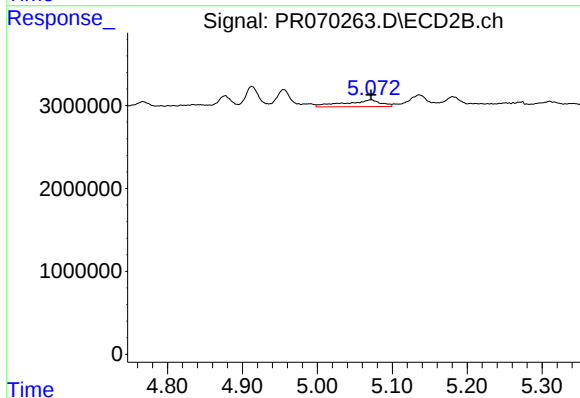
R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 3139870
Conc: 12.42 ng/ml



#27 AR-1254-2

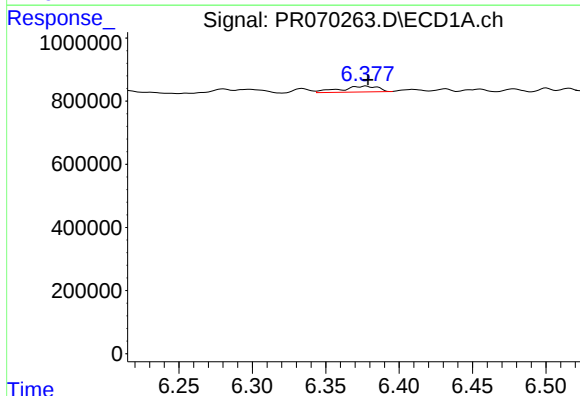
R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 556521
Conc: 10.28 ng/ml

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



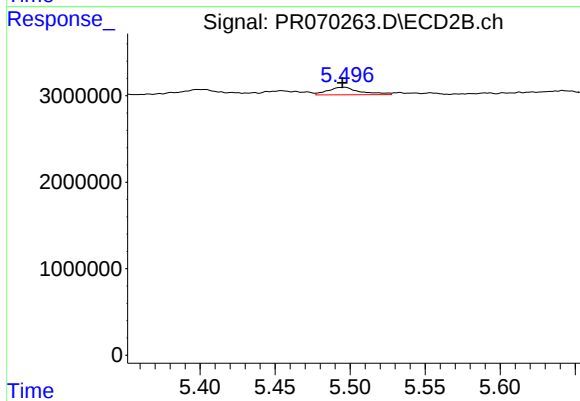
#27 AR-1254-2

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 2743966
Conc: 12.59 ng/ml



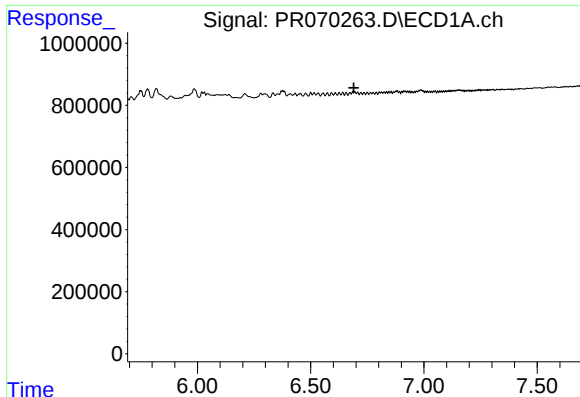
#28 AR-1254-3

R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 322175
Conc: 6.03 ng/ml



#28 AR-1254-3

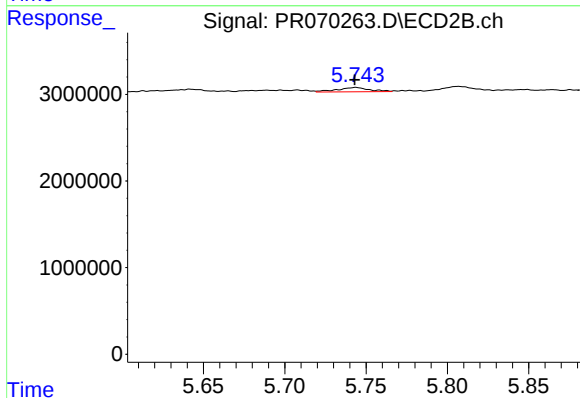
R.T.: 5.496 min
Delta R.T.: 0.001 min
Response: 1298433
Conc: 4.07 ng/ml



#29 AR-1254-4

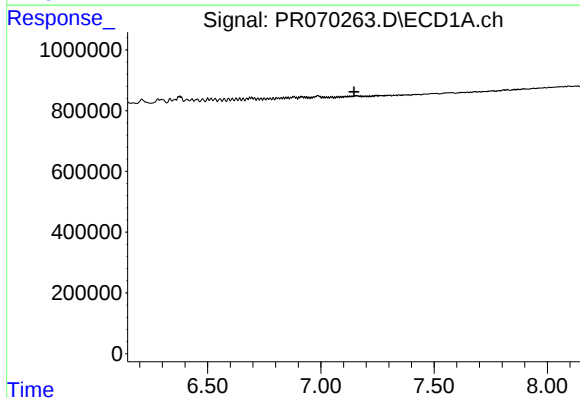
R.T.: 0.000 min
Exp R.T.: 6.691 min
Response: 0
Conc: N.D.

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



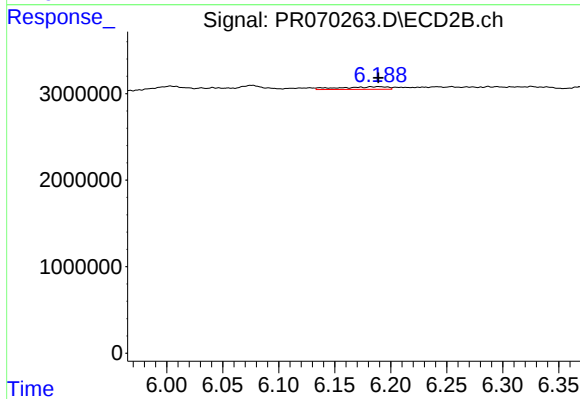
#29 AR-1254-4

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 692079
Conc: 4.30 ng/ml



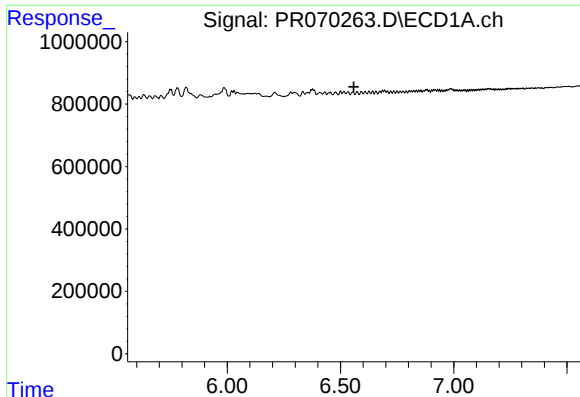
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.



#30 AR-1254-5

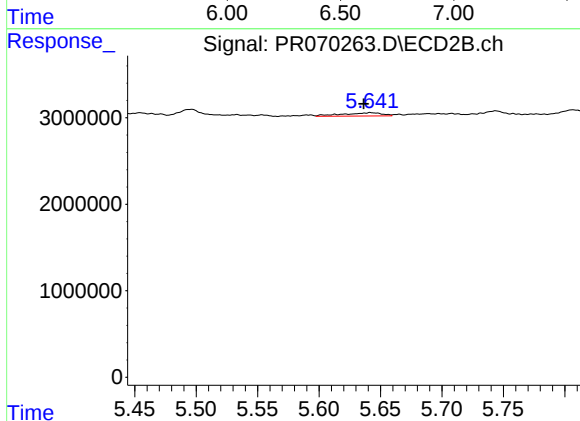
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 927921
Conc: 3.57 ng/ml



#31 AR-1260-1

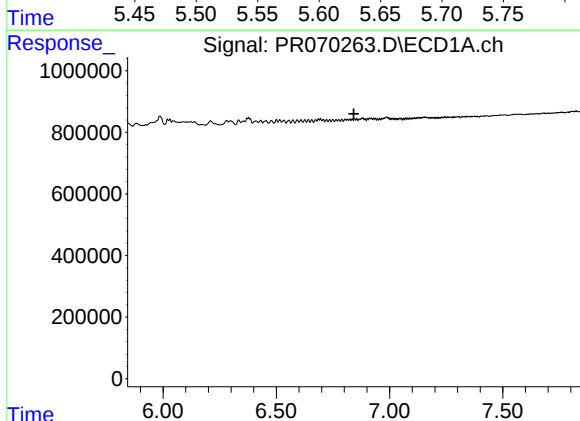
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

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



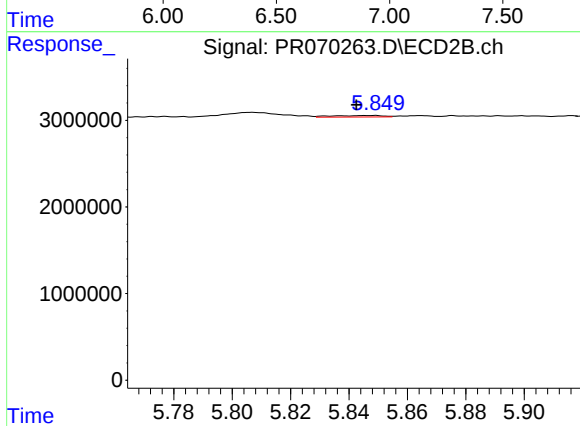
#31 AR-1260-1

R.T.: 5.642 min
Delta R.T.: 0.006 min
Response: 834238
Conc: 3.79 ng/ml



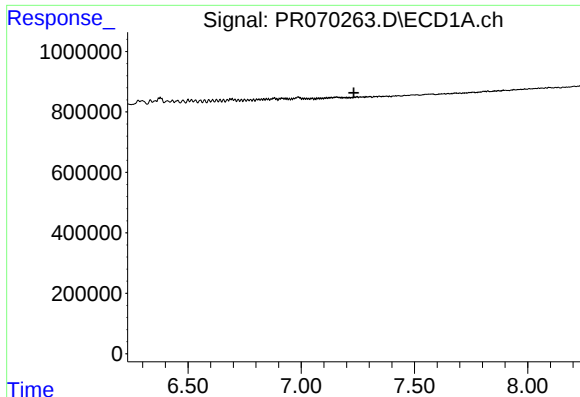
#32 AR-1260-2

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



#32 AR-1260-2

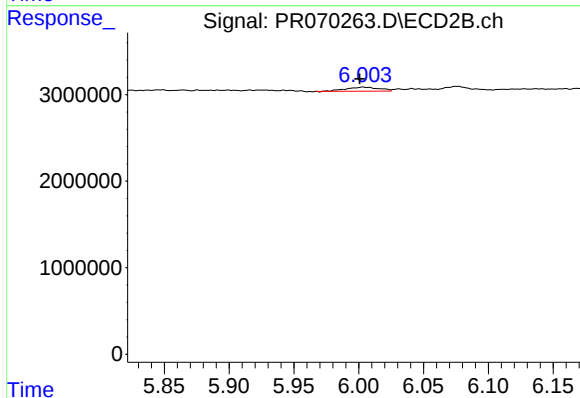
R.T.: 5.848 min
Delta R.T.: 0.006 min
Response: 215070
Conc: 0.87 ng/ml



#33 AR-1260-3

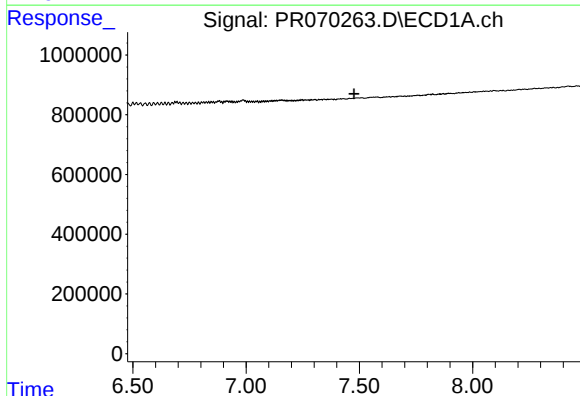
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

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



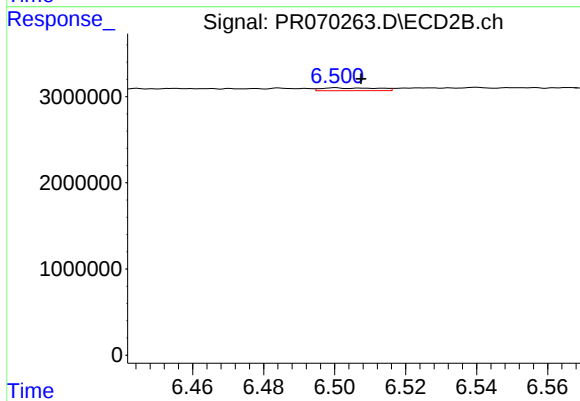
#33 AR-1260-3

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 861331
Conc: 3.61 ng/ml



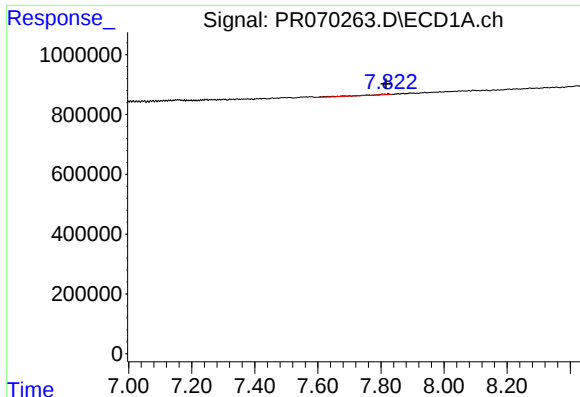
#34 AR-1260-4

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



#34 AR-1260-4

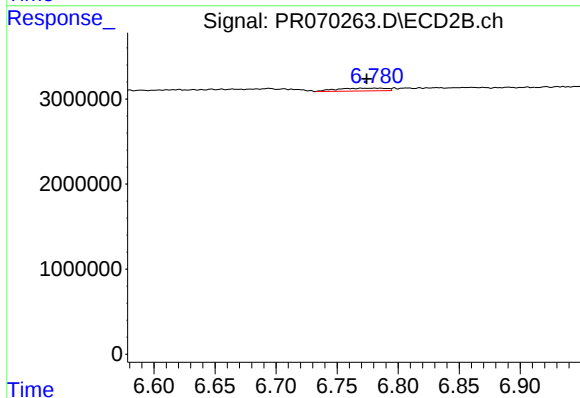
R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 352702
Conc: 1.79 ng/ml



#35 AR-1260-5

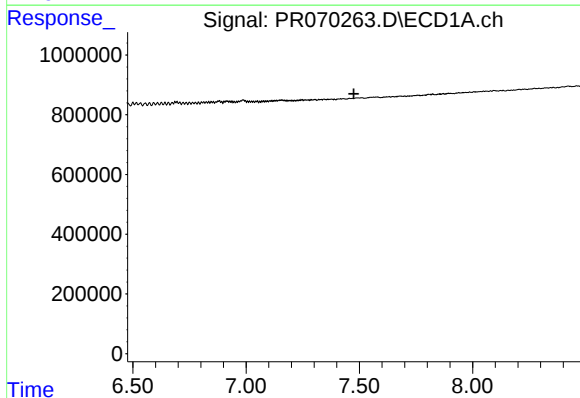
R.T.: 7.824 min
Delta R.T.: 0.008 min
Response: 132231
Conc: 2.06 ng/ml

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



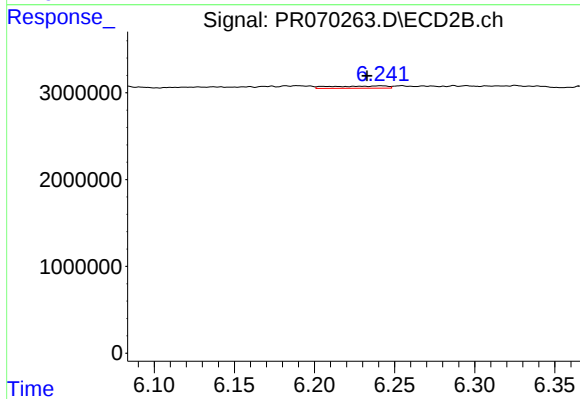
#35 AR-1260-5

R.T.: 6.781 min
Delta R.T.: 0.007 min
Response: 919781
Conc: 2.24 ng/ml



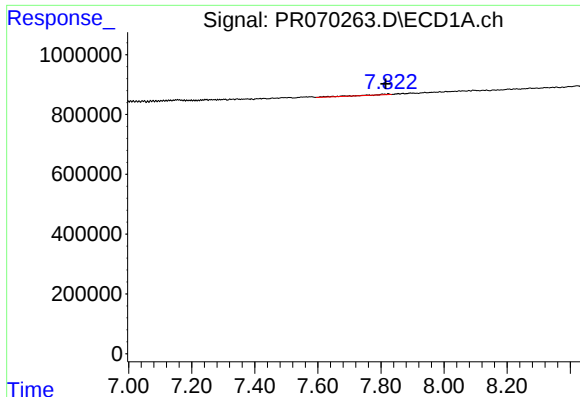
#36 AR-1262-1

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



#36 AR-1262-1

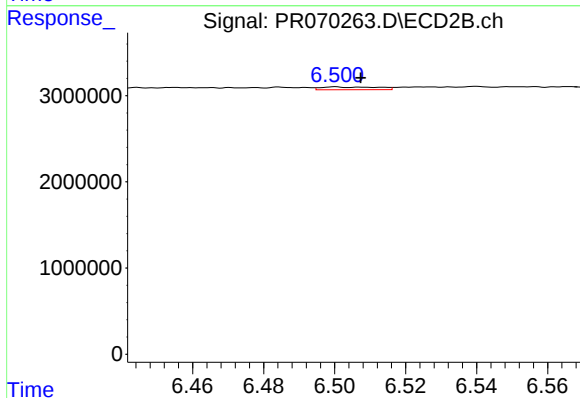
R.T.: 6.242 min
Delta R.T.: 0.009 min
Response: 635494
Conc: 2.06 ng/ml



#37 AR-1262-2

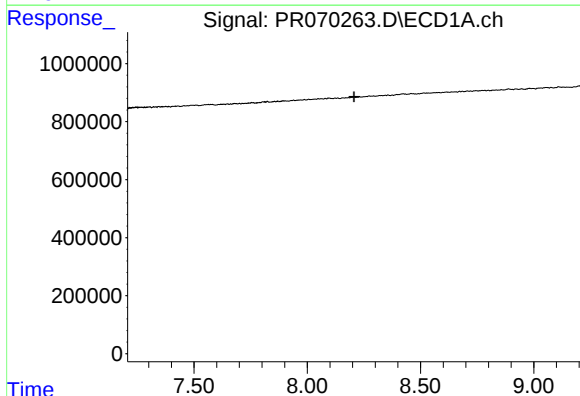
R.T.: 7.824 min
Delta R.T.: 0.009 min
Response: 132231
Conc: 1.75 ng/ml

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



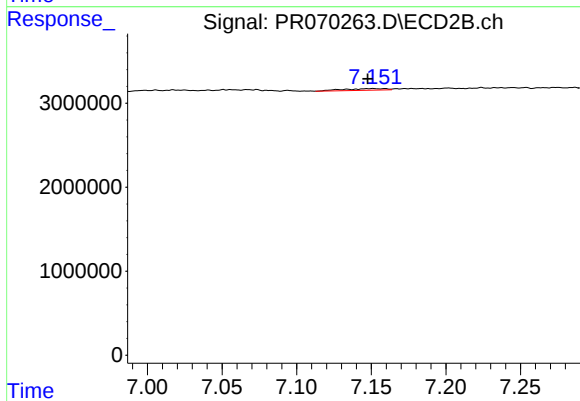
#37 AR-1262-2

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 352702
Conc: 1.31 ng/ml



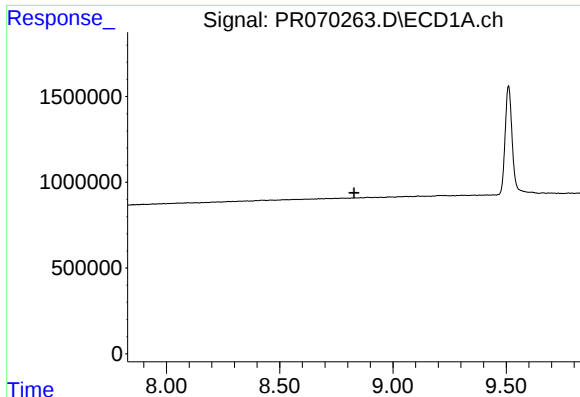
#39 AR-1262-4

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



#39 AR-1262-4

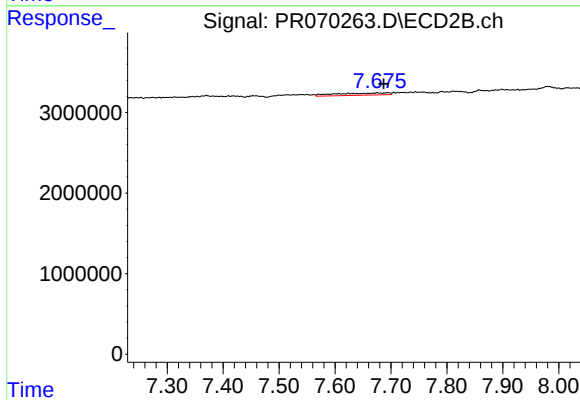
R.T.: 7.151 min
Delta R.T.: 0.004 min
Response: 396288
Conc: 1.10 ng/ml



#40 AR-1262-5

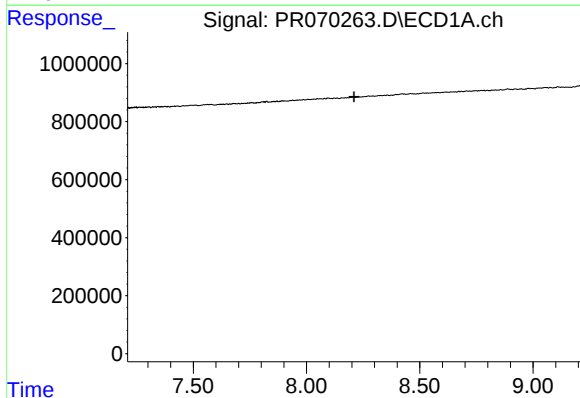
R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.

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



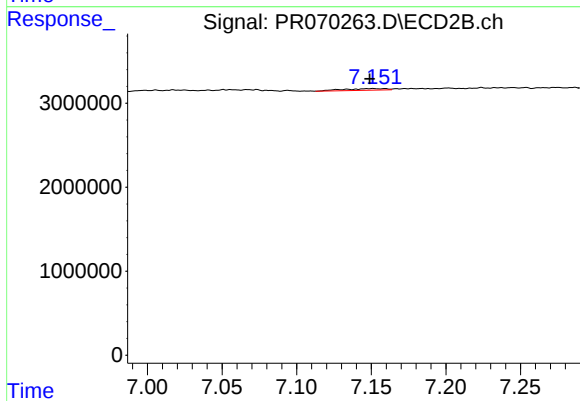
#40 AR-1262-5

R.T.: 7.694 min
Delta R.T.: 0.007 min
Response: 1790551
Conc: 11.74 ng/ml



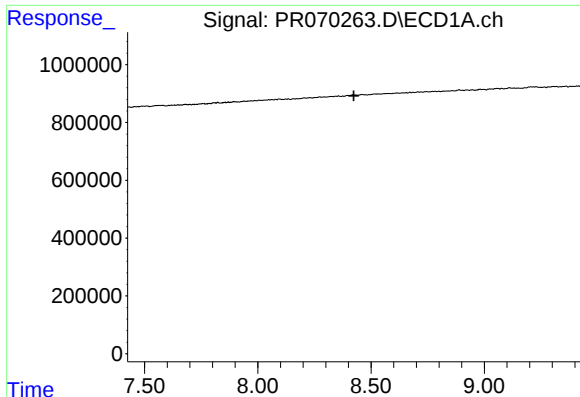
#42 AR-1268-2

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



#42 AR-1268-2

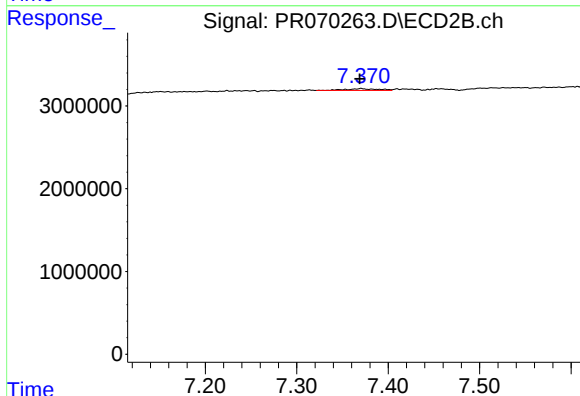
R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 396288
Conc: 0.76 ng/ml



#43 AR-1268-3

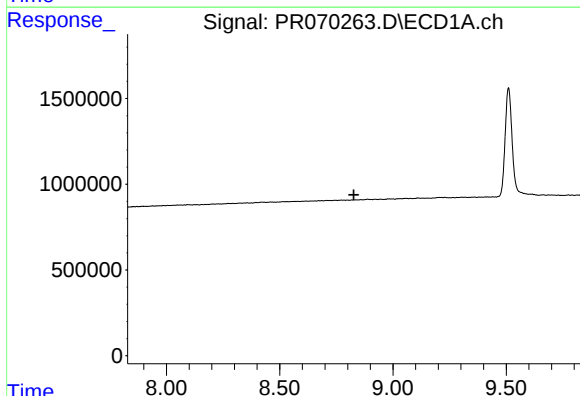
R.T.: 0.000 min
Exp R.T.: 8.424 min
Response: 0
Conc: N.D.

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



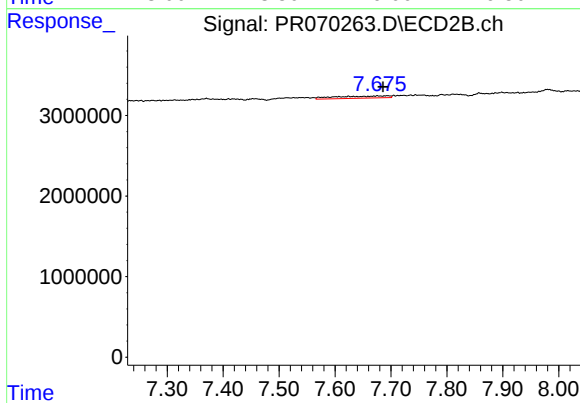
#43 AR-1268-3

R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 540474
Conc: 1.11 ng/ml



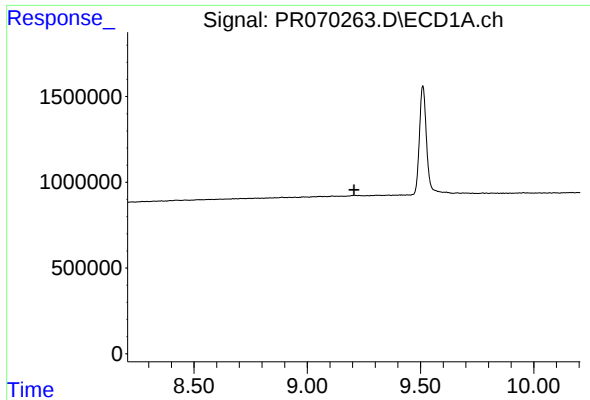
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.828 min
Response: 0
Conc: N.D.



#44 AR-1268-4

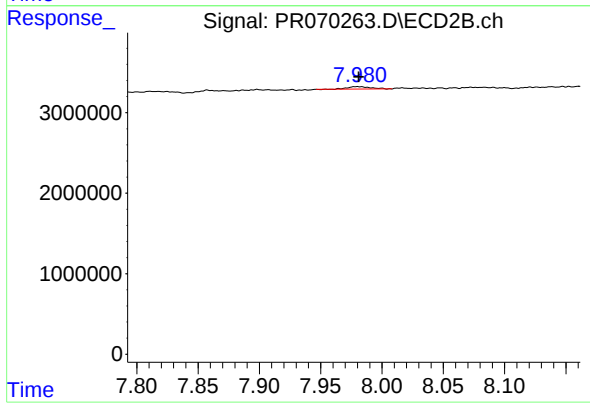
R.T.: 7.694 min
Delta R.T.: 0.008 min
Response: 1790551
Conc: 10.46 ng/ml



#45 AR-1268-5

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

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



#45 AR-1268-5

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 384158
Conc: 0.28 ng/ml