

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 18:36
 Operator : AJ\MA
 Sample : Q1168-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 28 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 00:48:04 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...	3.625	2.956	18492197	96994337	16.377	16.634
2)	SA Decachlor...	9.509	8.225	13207856	73929095	18.475	18.056
Target Compounds							
3)	L1 AR-1016-1	4.863f	4.074	821453	1618408	27.676	10.260 #
4)	L1 AR-1016-2	4.863	4.092	821453	2537091	17.232	10.650 #
5)	L1 AR-1016-3	4.929	4.271	322494	1051477	10.496	8.378
6)	L1 AR-1016-4	5.038	4.322	256626	886979	10.555	8.071
7)	L1 AR-1016-5	0.000	4.541	0	1116727	N.D.	8.187 #
8)	L2 AR-1221-1	3.836	3.178	256372	978638	19.640	14.297 #
9)	L2 AR-1221-2	3.934	3.262	416599	2380300	42.671	46.487
10)	L2 AR-1221-3	4.013	3.341	519164	2445012	16.976	15.704
11)	L3 AR-1232-1	4.013	3.341	519164	2445012	21.890	20.447
12)	L3 AR-1232-2	4.560	4.092	271221	2537091	21.700	22.855
13)	L3 AR-1232-3	4.863	4.271	821453	1051477	37.988	18.218 #
14)	L3 AR-1232-4	5.038	4.364	256626	1264832	23.549	23.835
15)	L3 AR-1232-5	5.177	4.541	206108	1116727	21.468	19.518
16)	L4 AR-1242-1	4.863f	4.074	821453	1618408	34.208	12.514 #
17)	L4 AR-1242-2	4.863	4.092	821453	2537091	21.178	13.045 #
18)	L4 AR-1242-3	4.929	4.271	322494	1051477	12.857	10.104
19)	L4 AR-1242-4	5.038	4.364	256626	1264832	13.209	12.341
20)	L4 AR-1242-5	0.000	4.911	0	1939879	N.D.	16.929 #
21)	L5 AR-1248-1	4.863f	4.074	821453	1618408	45.217	16.775 #
22)	L5 AR-1248-2	5.136	4.322	246670	886979	8.893	6.113 #
23)	L5 AR-1248-3	0.000	4.364	0	1264832	N.D.	8.542 #
24)	L5 AR-1248-4	5.782	4.541	198454	1116727	6.595	6.353
25)	L5 AR-1248-5	0.000	4.954	0	2022665	N.D.	13.470 #
26)	L6 AR-1254-1	5.753	4.911	211794	1939879	5.812	7.676 #
27)	L6 AR-1254-2	0.000	5.071	0	1327491	N.D.	6.092 #
28)	L6 AR-1254-3	6.381	5.496	376601	463461	7.048	1.452 #
29)	L6 AR-1254-4	0.000	5.740	0	354793	N.D.	2.204 #
30)	L6 AR-1254-5	0.000	6.189	0	560682	N.D.	2.156 #
31)	L7 AR-1260-1	0.000	5.634	0	403835	N.D.	1.835 #
32)	L7 AR-1260-2	0.000	5.838	0	84612	N.D.	0.344 #
33)	L7 AR-1260-3	0.000	6.005	0	1457406	N.D.	6.115 #
34)	L7 AR-1260-4	0.000	6.505	0	352318	N.D.	1.789 #
35)	L7 AR-1260-5	7.845f	6.785	335092	401621	5.211	0.976 #
36)	L8 AR-1262-1	0.000	6.251f	0	278222	N.D.	0.904 #
37)	L8 AR-1262-2	7.845f	6.505	335092	352318	4.434	1.304 #
39)	L8 AR-1262-4	0.000	7.155	0	116514	N.D.	0.323 #
40)	L8 AR-1262-5	8.814	7.696	225095	151523	9.309	0.994 #
42)	L9 AR-1268-2	0.000	7.155	0	116514	N.D.	0.222 #
43)	L9 AR-1268-3	0.000	7.372	0	179077	N.D.	0.366 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
 Data File : PR070262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 18:36
 Operator : AJ\MA
 Sample : Q1168-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

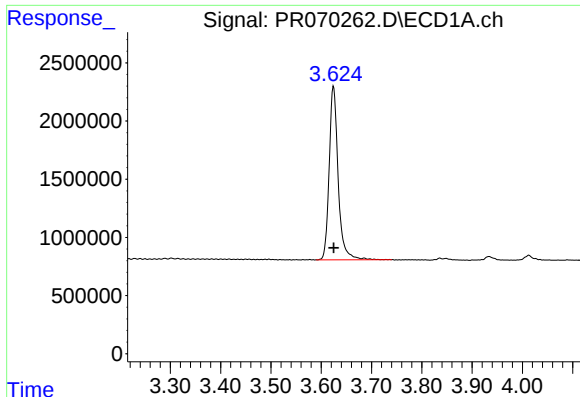
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 00:48:04 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	8.814	7.696	225095	151523	8.449	0.886 #
45) L9	AR-1268-5	0.000	7.982	0	439655	N.D.	0.317 #

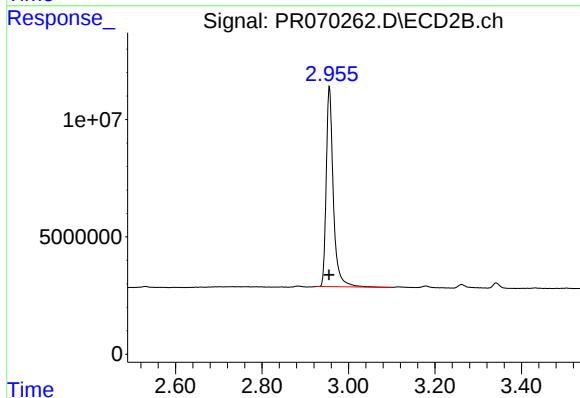
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

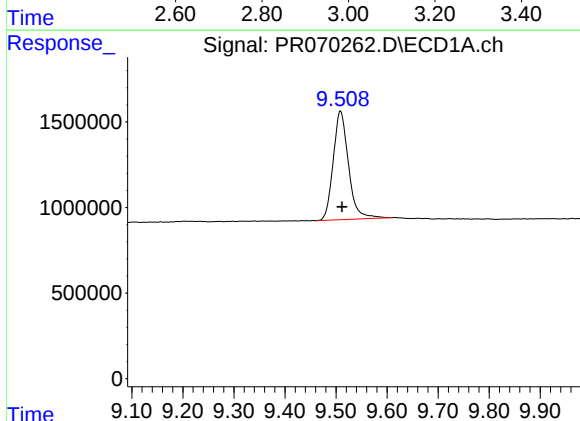
R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 18492197
Conc: 16.38 ng/ml

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



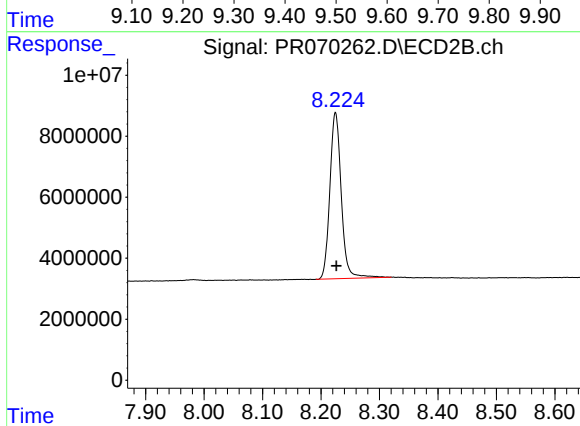
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 96994337
Conc: 16.63 ng/ml



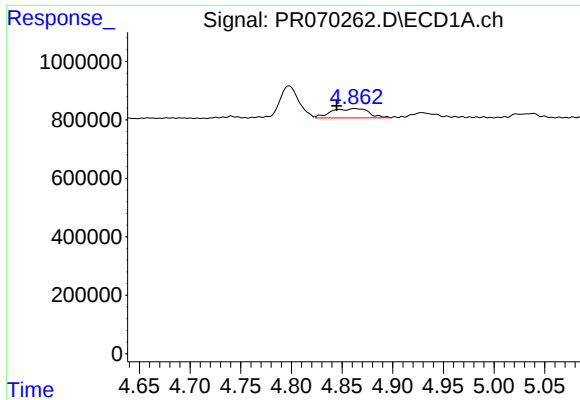
#2 Decachlorobiphenyl

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 13207856
Conc: 18.48 ng/ml



#2 Decachlorobiphenyl

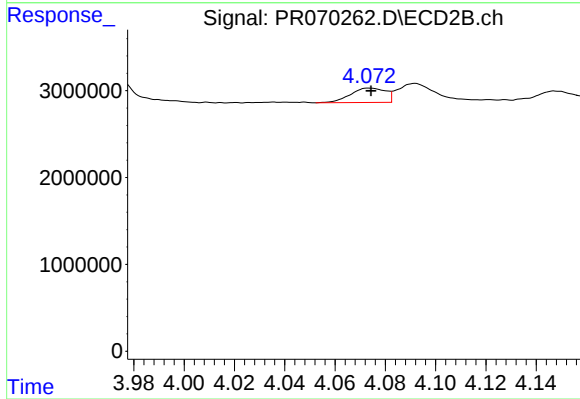
R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 73929095
Conc: 18.06 ng/ml



#3 AR-1016-1

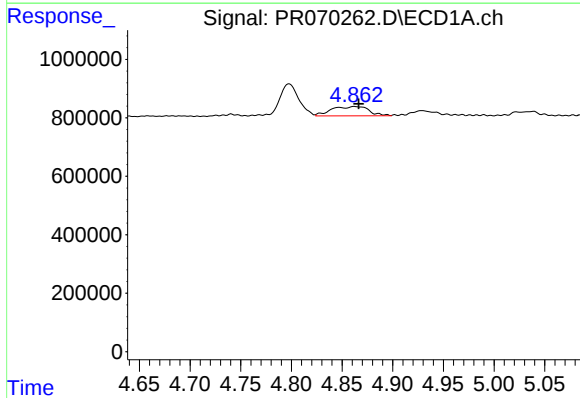
R.T.: 4.863 min
Delta R.T.: 0.018 min
Response: 821453
Conc: 27.68 ng/ml

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



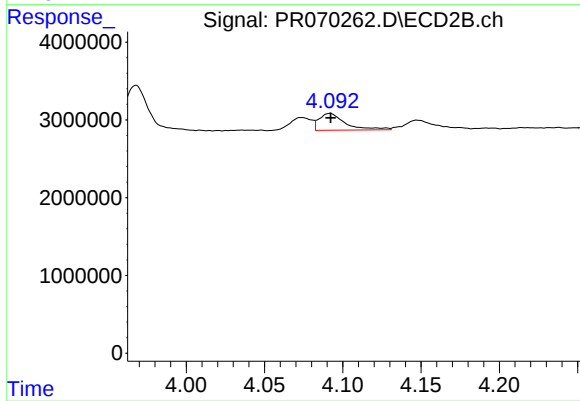
#3 AR-1016-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1618408
Conc: 10.26 ng/ml



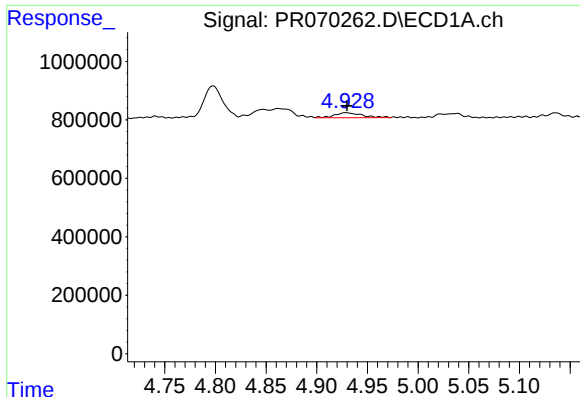
#4 AR-1016-2

R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 821453
Conc: 17.23 ng/ml



#4 AR-1016-2

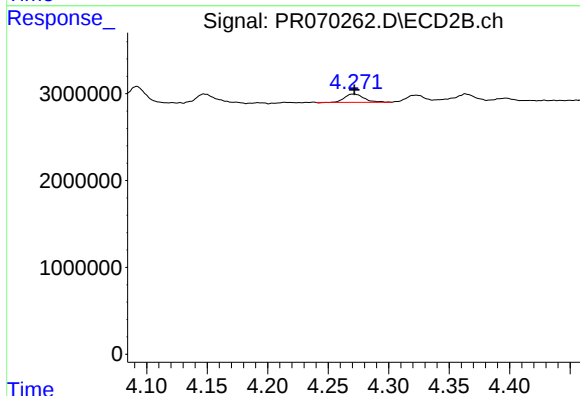
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 2537091
Conc: 10.65 ng/ml



#5 AR-1016-3

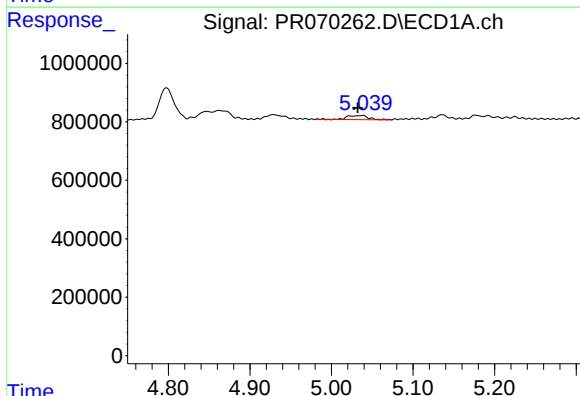
R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 322494
Conc: 10.50 ng/ml

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



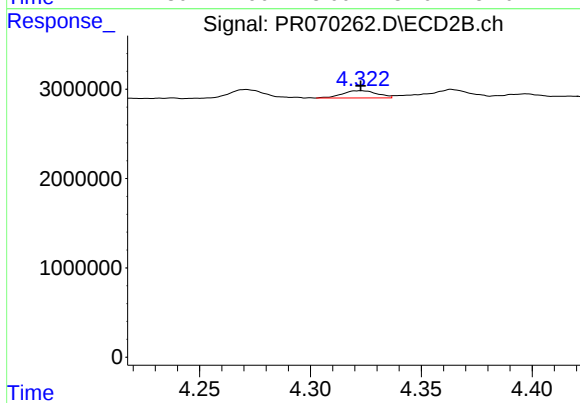
#5 AR-1016-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1051477
Conc: 8.38 ng/ml



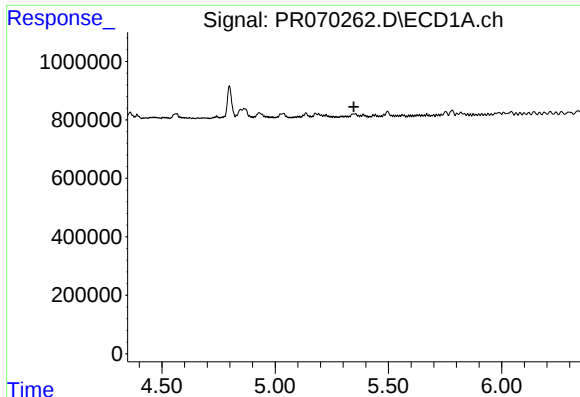
#6 AR-1016-4

R.T.: 5.038 min
Delta R.T.: 0.005 min
Response: 256626
Conc: 10.55 ng/ml



#6 AR-1016-4

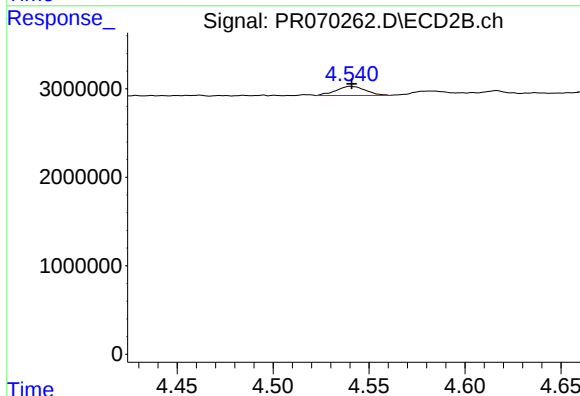
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 886979
Conc: 8.07 ng/ml



#7 AR-1016-5

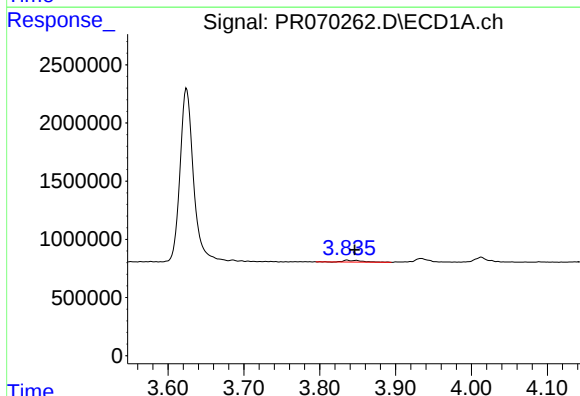
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

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



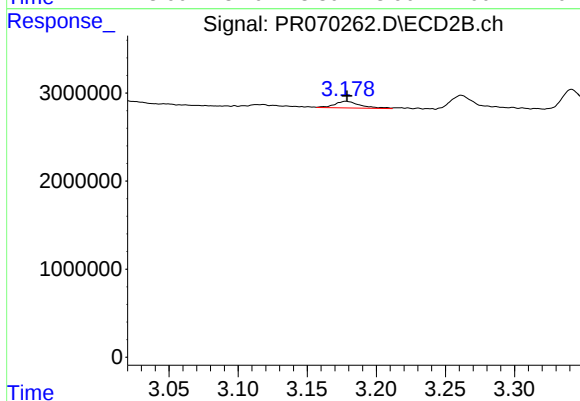
#7 AR-1016-5

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1116727
Conc: 8.19 ng/ml



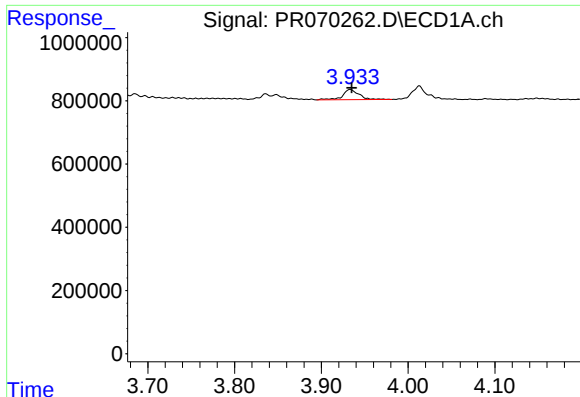
#8 AR-1221-1

R.T.: 3.836 min
Delta R.T.: -0.010 min
Response: 256372
Conc: 19.64 ng/ml



#8 AR-1221-1

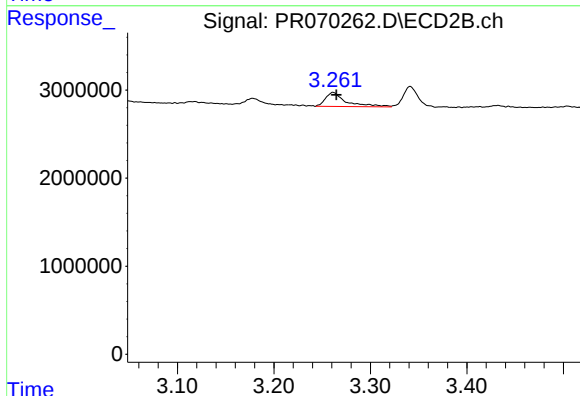
R.T.: 3.178 min
Delta R.T.: 0.000 min
Response: 978638
Conc: 14.30 ng/ml



#9 AR-1221-2

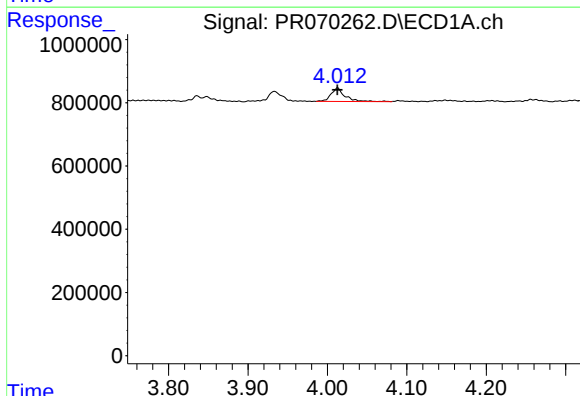
R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 416599
Conc: 42.67 ng/ml

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



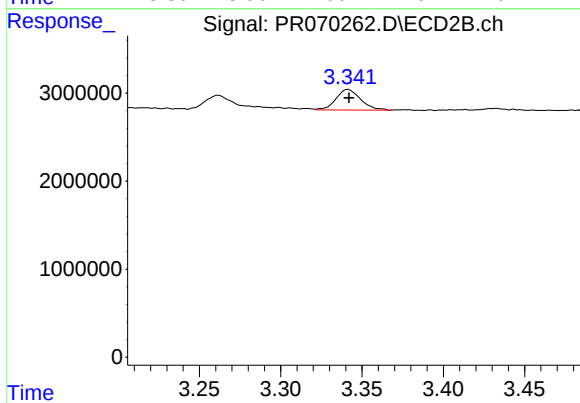
#9 AR-1221-2

R.T.: 3.262 min
Delta R.T.: -0.003 min
Response: 2380300
Conc: 46.49 ng/ml



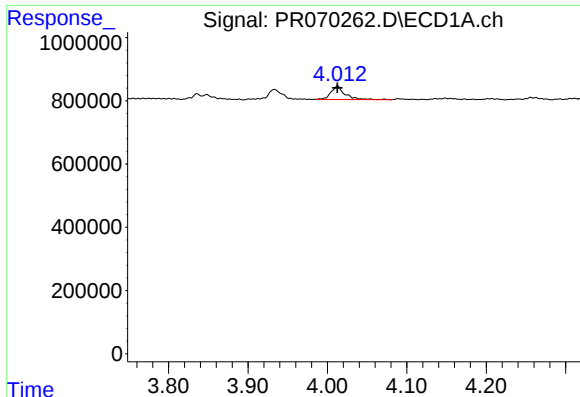
#10 AR-1221-3

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 519164
Conc: 16.98 ng/ml



#10 AR-1221-3

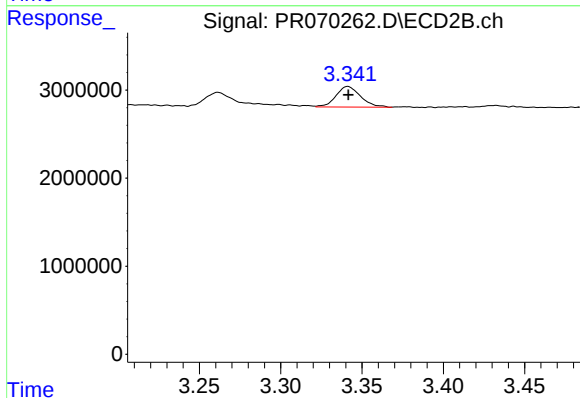
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 2445012
Conc: 15.70 ng/ml



#11 AR-1232-1

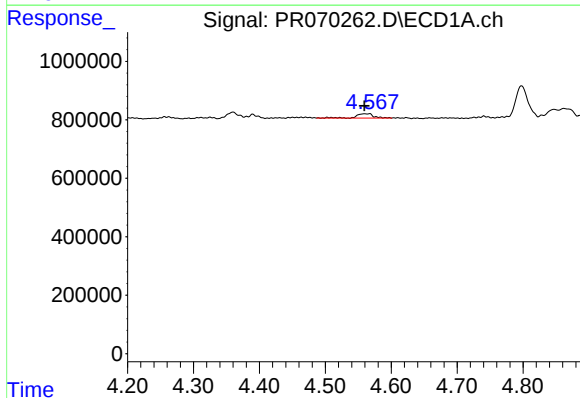
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 519164
Conc: 21.89 ng/ml

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



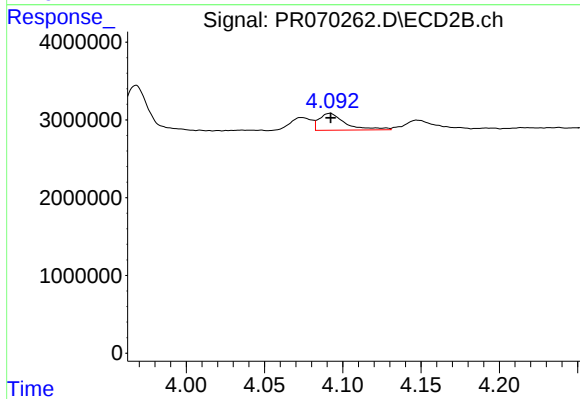
#11 AR-1232-1

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 2445012
Conc: 20.45 ng/ml



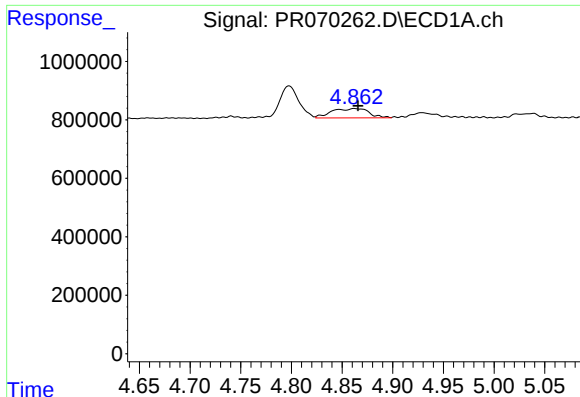
#12 AR-1232-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 271221
Conc: 21.70 ng/ml



#12 AR-1232-2

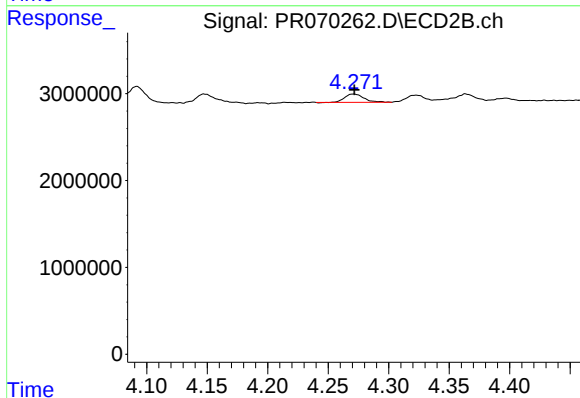
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 2537091
Conc: 22.85 ng/ml



#13 AR-1232-3

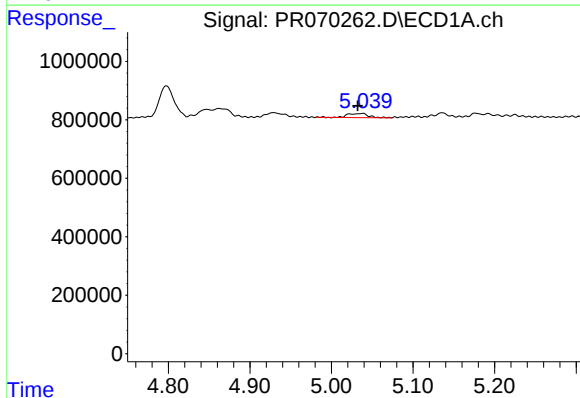
R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 821453
Conc: 37.99 ng/ml

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



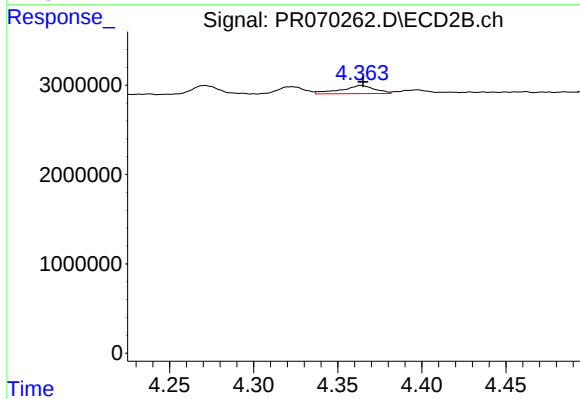
#13 AR-1232-3

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1051477
Conc: 18.22 ng/ml



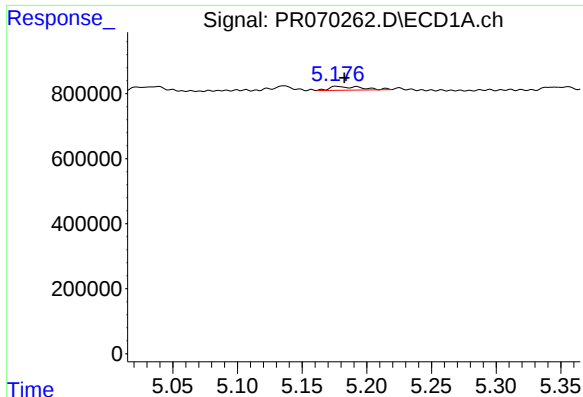
#14 AR-1232-4

R.T.: 5.038 min
Delta R.T.: 0.006 min
Response: 256626
Conc: 23.55 ng/ml



#14 AR-1232-4

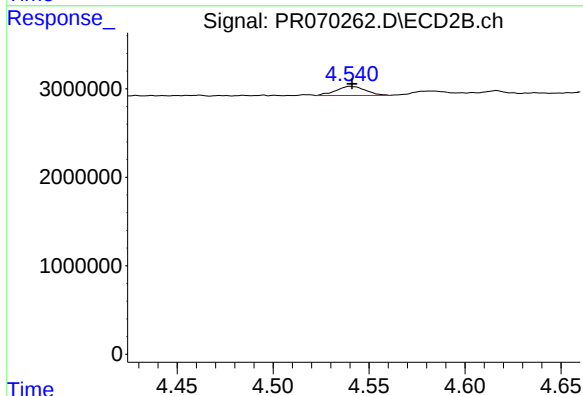
R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1264832
Conc: 23.83 ng/ml



#15 AR-1232-5

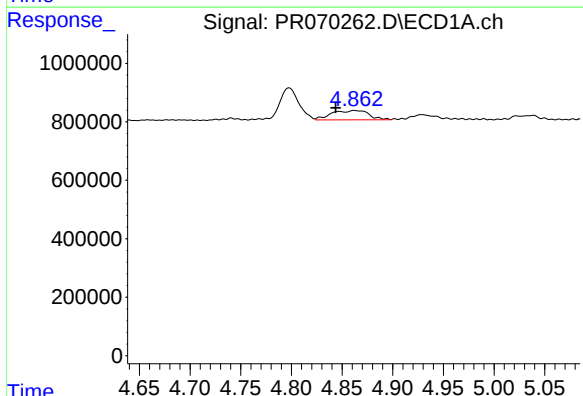
R.T.: 5.177 min
Delta R.T.: -0.005 min
Response: 206108
Conc: 21.47 ng/ml

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



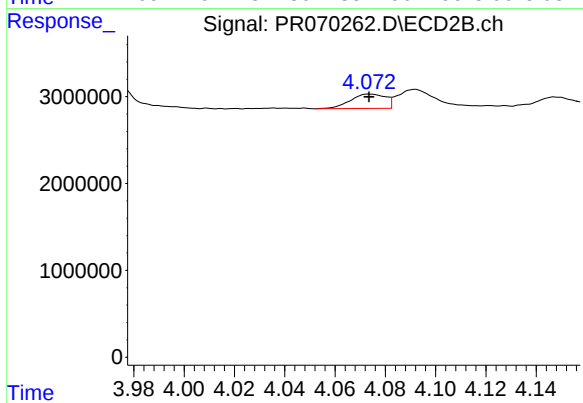
#15 AR-1232-5

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1116727
Conc: 19.52 ng/ml



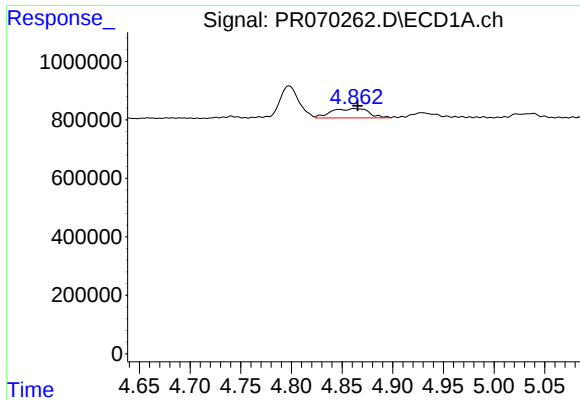
#16 AR-1242-1

R.T.: 4.863 min
Delta R.T.: 0.019 min
Response: 821453
Conc: 34.21 ng/ml



#16 AR-1242-1

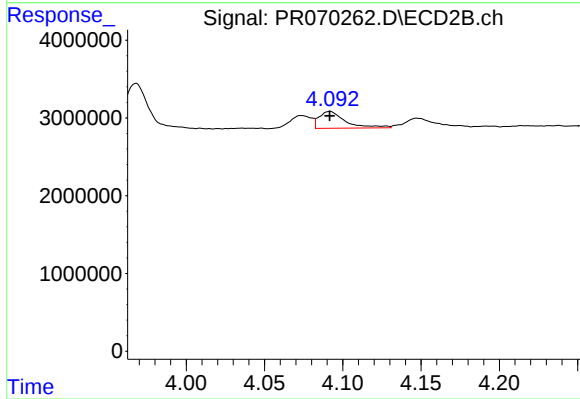
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1618408
Conc: 12.51 ng/ml



#17 AR-1242-2

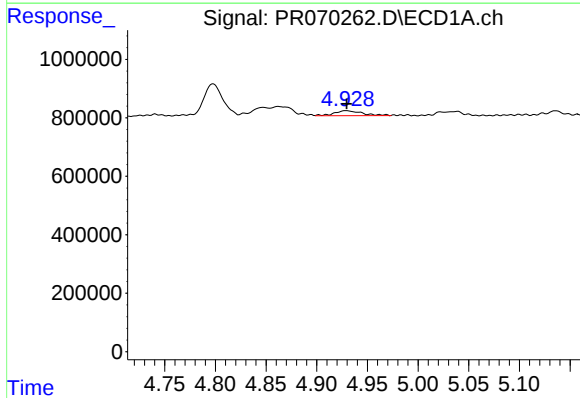
R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 821453
Conc: 21.18 ng/ml

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



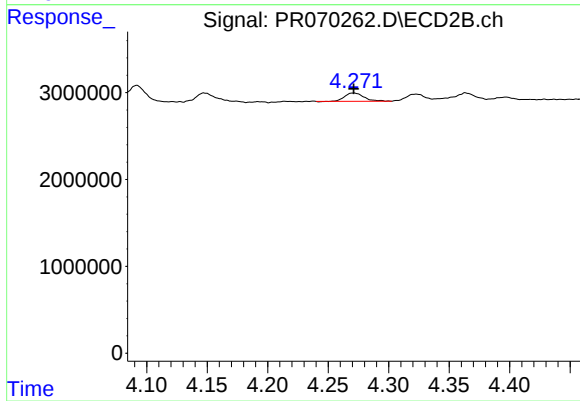
#17 AR-1242-2

R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 2537091
Conc: 13.04 ng/ml



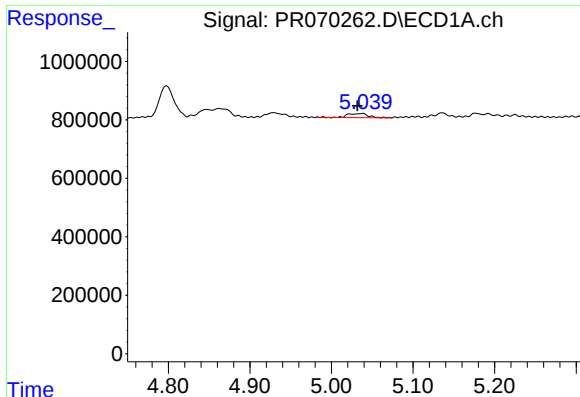
#18 AR-1242-3

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 322494
Conc: 12.86 ng/ml



#18 AR-1242-3

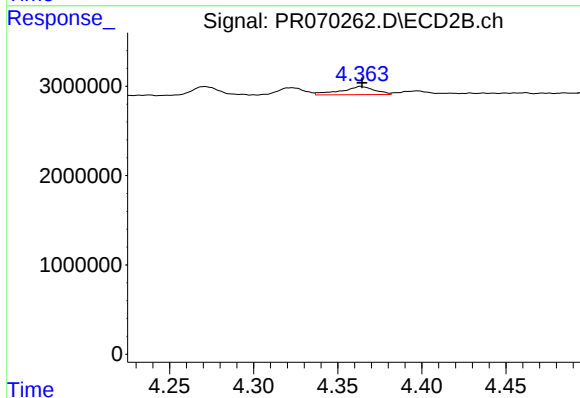
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1051477
Conc: 10.10 ng/ml



#19 AR-1242-4

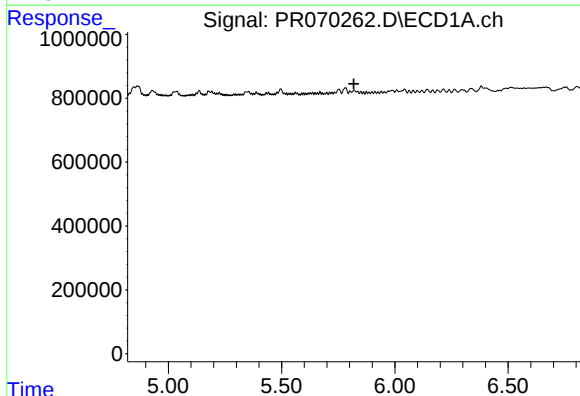
R.T.: 5.038 min
Delta R.T.: 0.006 min
Response: 256626
Conc: 13.21 ng/ml

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



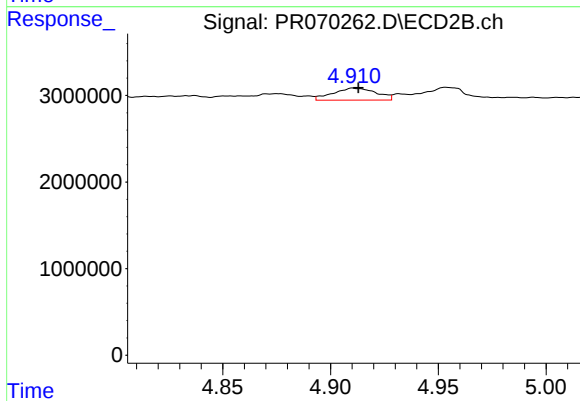
#19 AR-1242-4

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1264832
Conc: 12.34 ng/ml



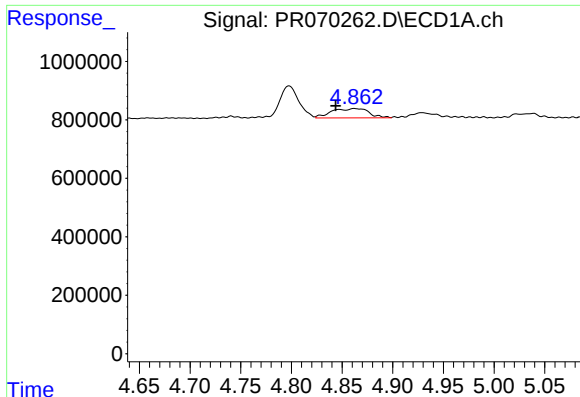
#20 AR-1242-5

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



#20 AR-1242-5

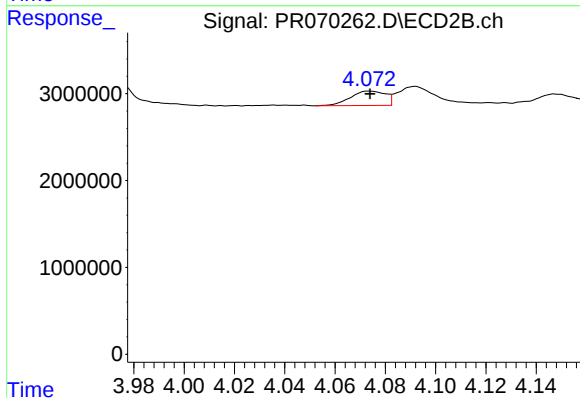
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 1939879
Conc: 16.93 ng/ml



#21 AR-1248-1

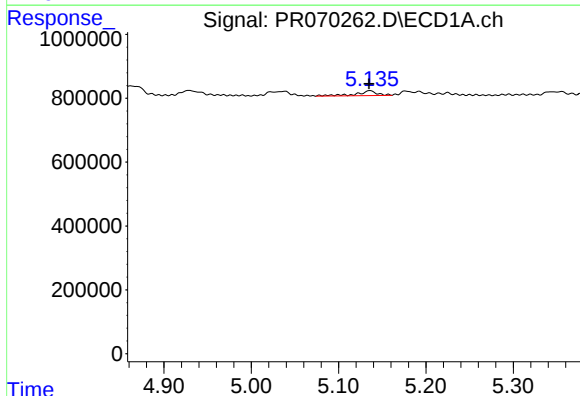
R.T.: 4.863 min
Delta R.T.: 0.019 min
Response: 821453
Conc: 45.22 ng/ml

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



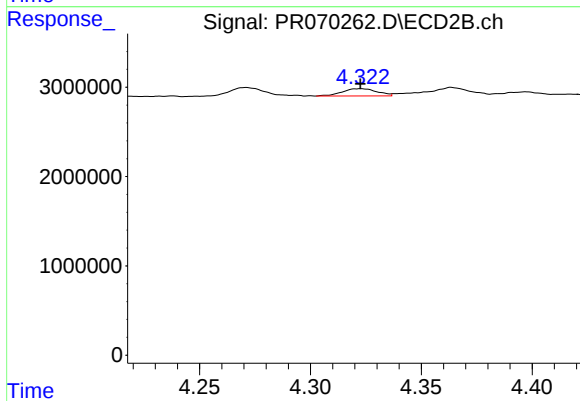
#21 AR-1248-1

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1618408
Conc: 16.78 ng/ml



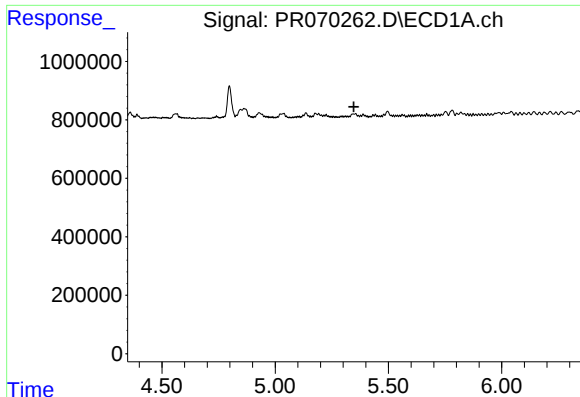
#22 AR-1248-2

R.T.: 5.136 min
Delta R.T.: 0.001 min
Response: 246670
Conc: 8.89 ng/ml



#22 AR-1248-2

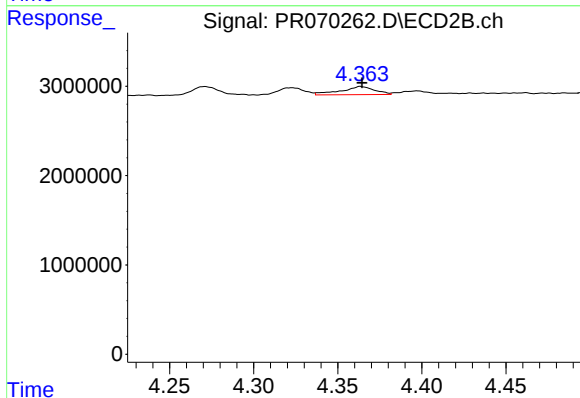
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 886979
Conc: 6.11 ng/ml



#23 AR-1248-3

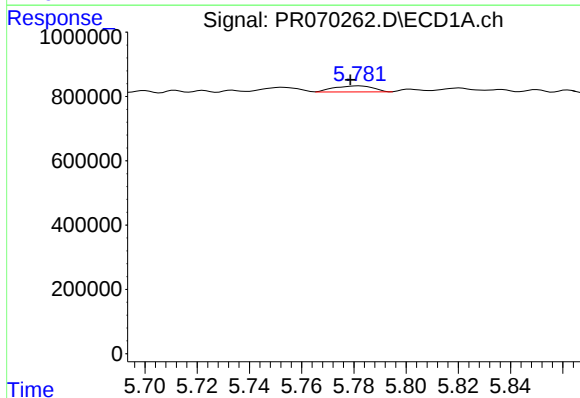
R.T.: 0.000 min
Exp R.T.: 5.347 min
Response: 0
Conc: N.D.

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



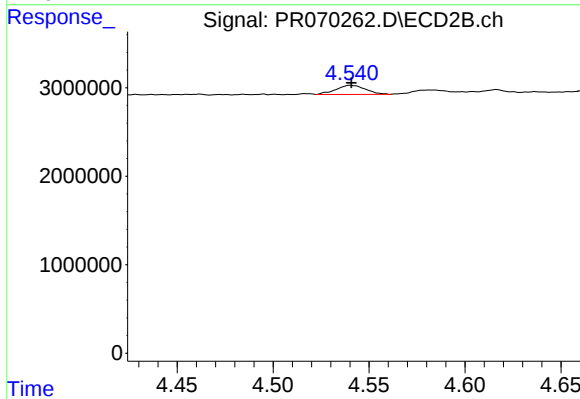
#23 AR-1248-3

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1264832
Conc: 8.54 ng/ml



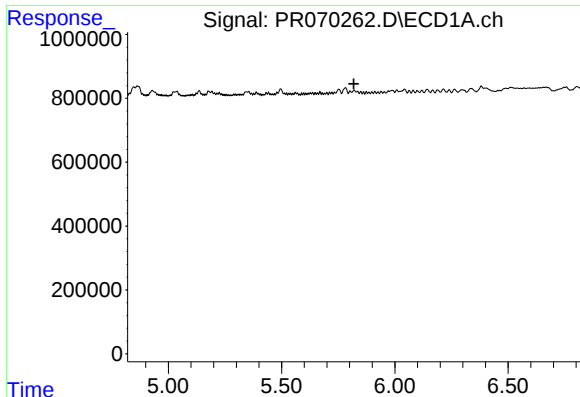
#24 AR-1248-4

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 198454
Conc: 6.60 ng/ml



#24 AR-1248-4

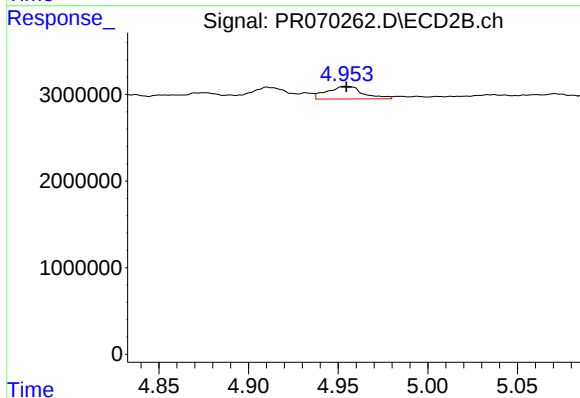
R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1116727
Conc: 6.35 ng/ml



#25 AR-1248-5

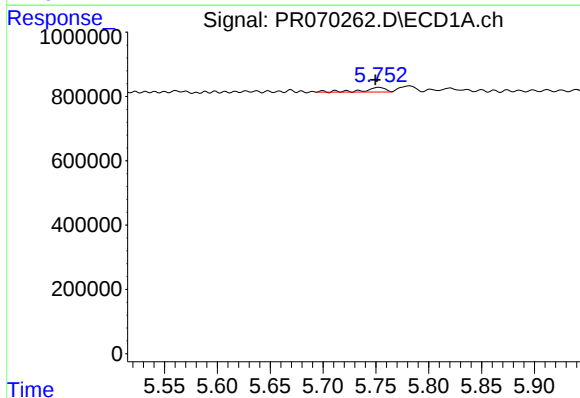
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

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



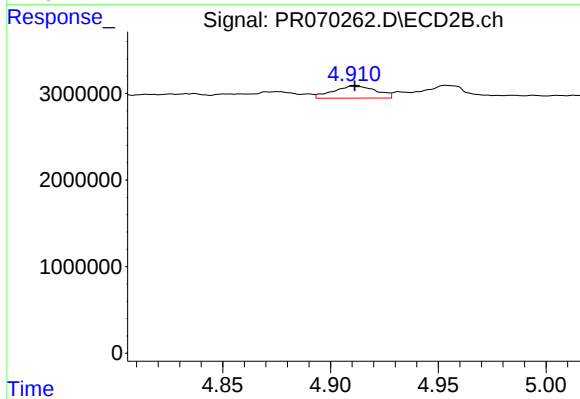
#25 AR-1248-5

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 2022665
Conc: 13.47 ng/ml



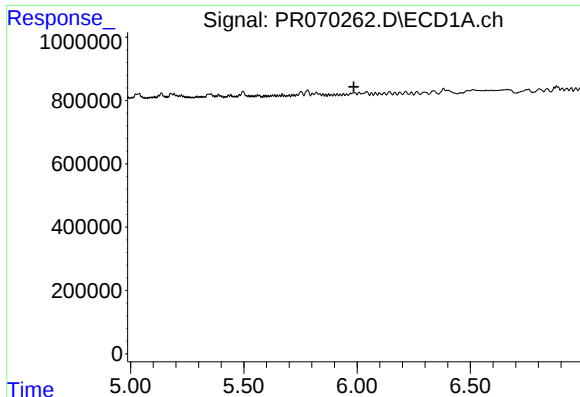
#26 AR-1254-1

R.T.: 5.753 min
Delta R.T.: 0.003 min
Response: 211794
Conc: 5.81 ng/ml



#26 AR-1254-1

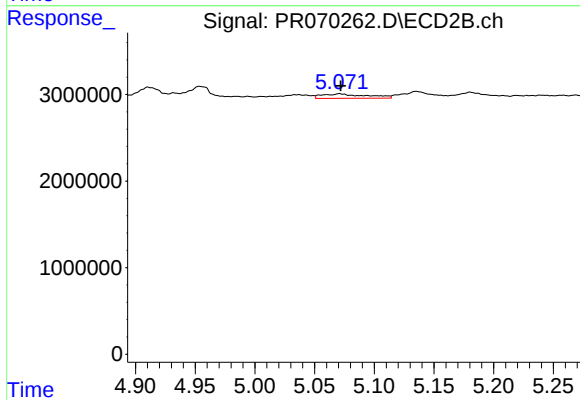
R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 1939879
Conc: 7.68 ng/ml



#27 AR-1254-2

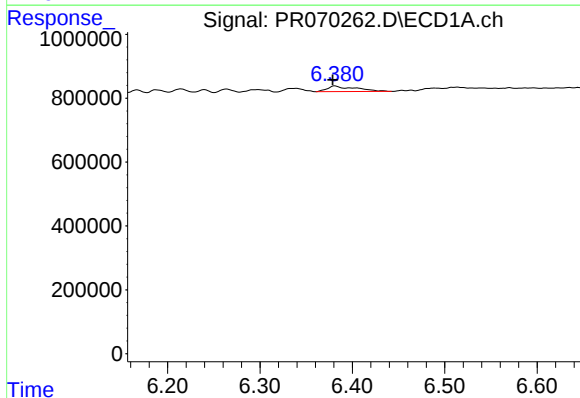
R.T.: 0.000 min
Exp R.T.: 5.986 min
Response: 0
Conc: N.D.

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



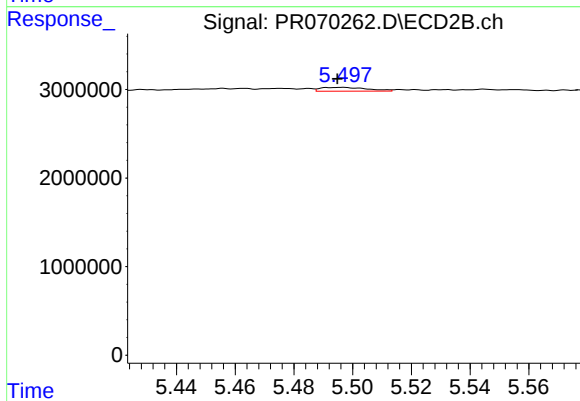
#27 AR-1254-2

R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 1327491
Conc: 6.09 ng/ml



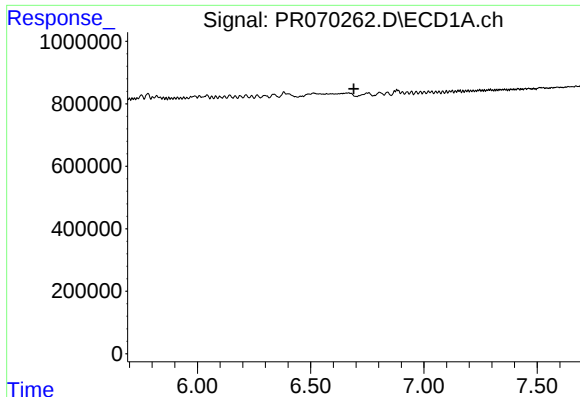
#28 AR-1254-3

R.T.: 6.381 min
Delta R.T.: 0.003 min
Response: 376601
Conc: 7.05 ng/ml



#28 AR-1254-3

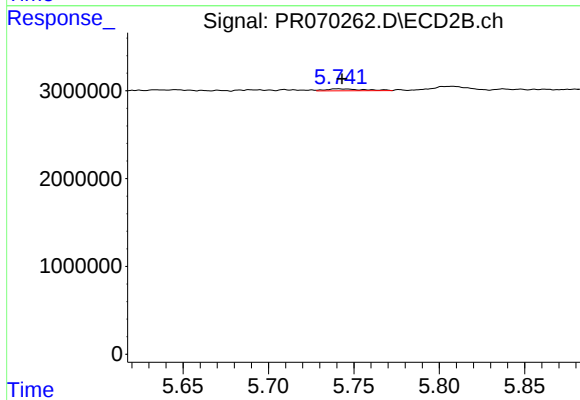
R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 463461
Conc: 1.45 ng/ml



#29 AR-1254-4

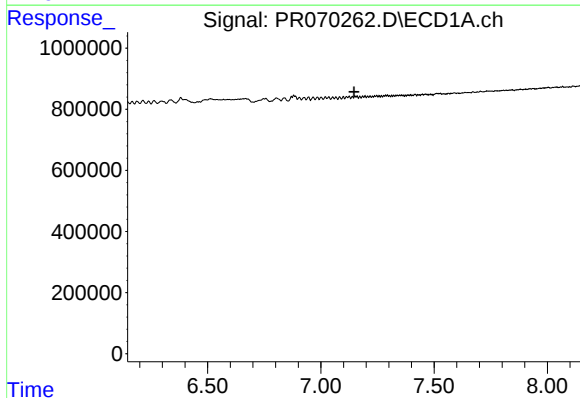
R.T.: 0.000 min
Exp R.T.: 6.691 min
Response: 0
Conc: N.D.

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



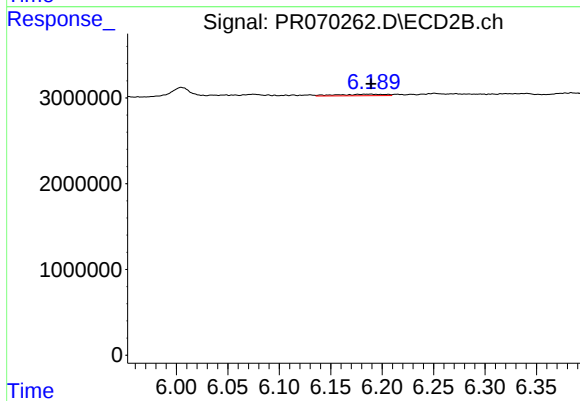
#29 AR-1254-4

R.T.: 5.740 min
Delta R.T.: -0.003 min
Response: 354793
Conc: 2.20 ng/ml



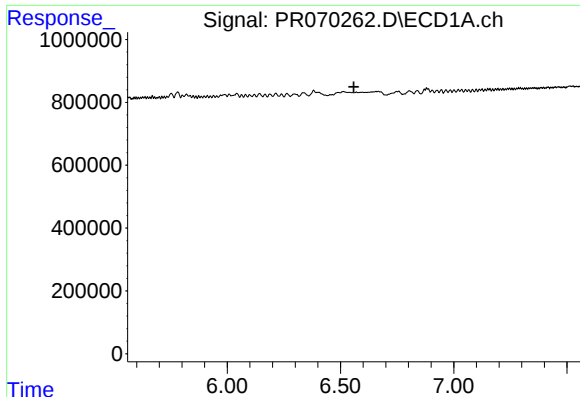
#30 AR-1254-5

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



#30 AR-1254-5

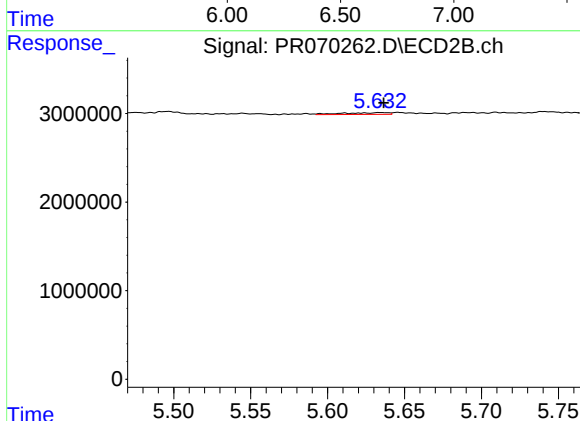
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 560682
Conc: 2.16 ng/ml



#31 AR-1260-1

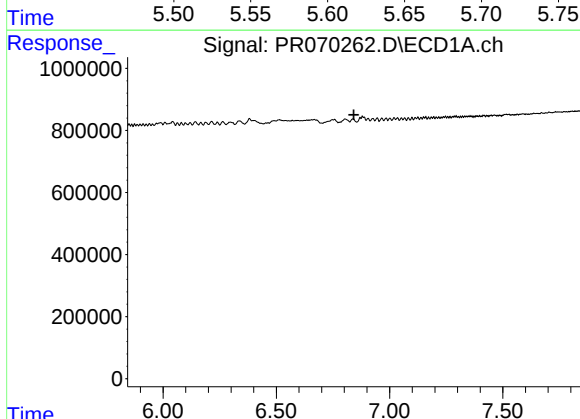
R.T.: 0.000 min
Exp R.T.: 6.559 min
Response: 0
Conc: N.D.

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



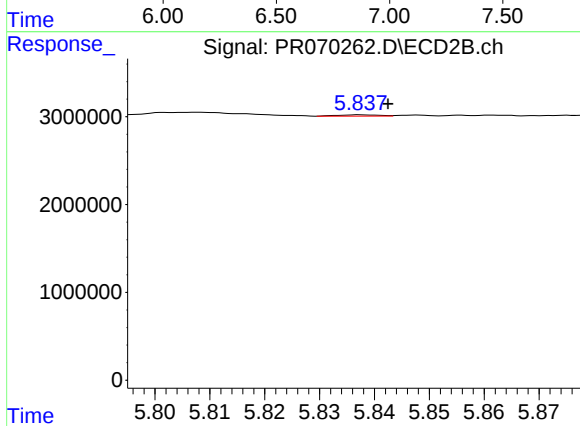
#31 AR-1260-1

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 403835
Conc: 1.84 ng/ml



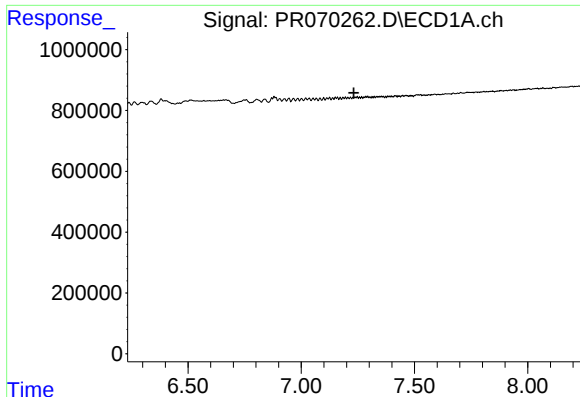
#32 AR-1260-2

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



#32 AR-1260-2

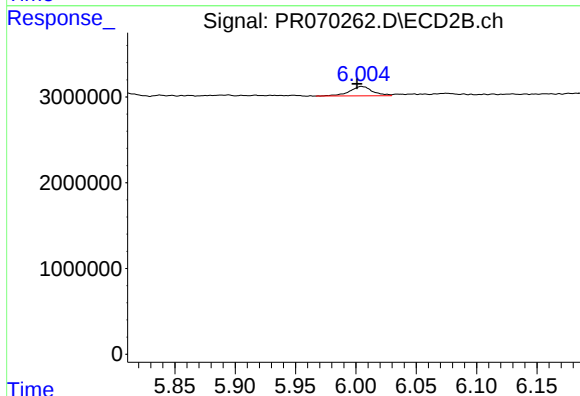
R.T.: 5.838 min
Delta R.T.: -0.005 min
Response: 84612
Conc: 0.34 ng/ml



#33 AR-1260-3

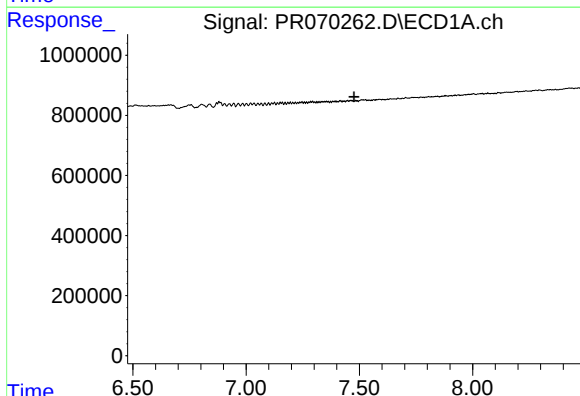
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

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



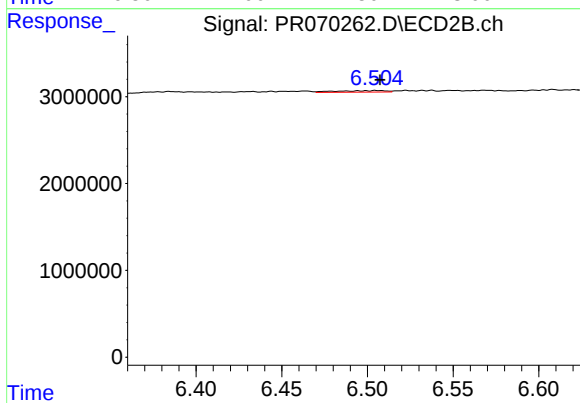
#33 AR-1260-3

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 1457406
Conc: 6.12 ng/ml



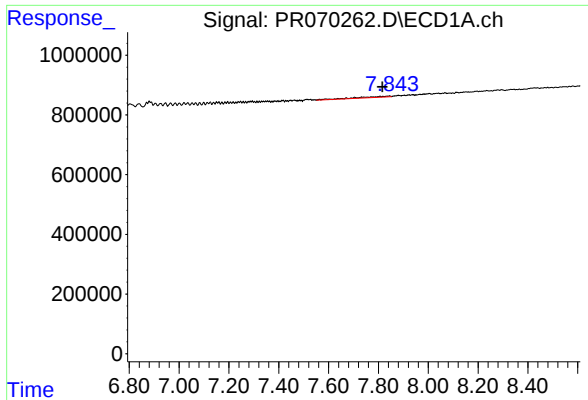
#34 AR-1260-4

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



#34 AR-1260-4

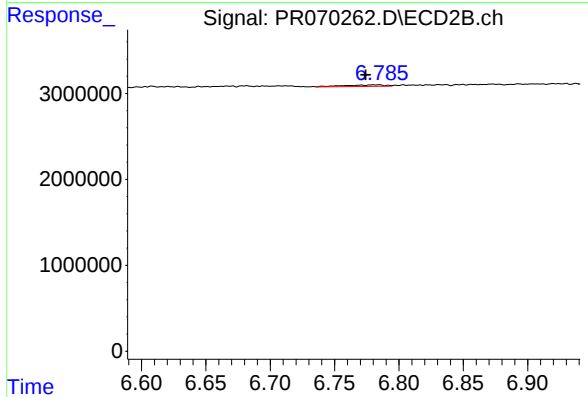
R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 352318
Conc: 1.79 ng/ml



#35 AR-1260-5

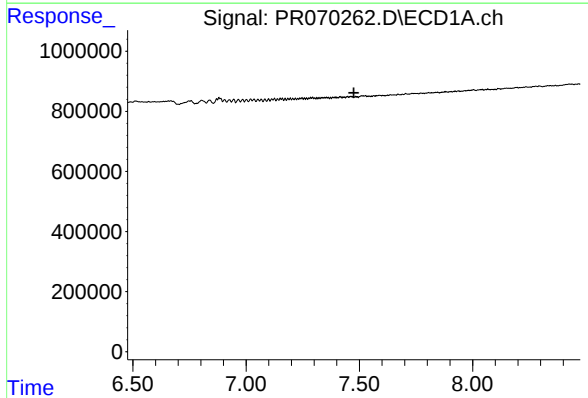
R.T.: 7.845 min
Delta R.T.: 0.028 min
Response: 335092
Conc: 5.21 ng/ml

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



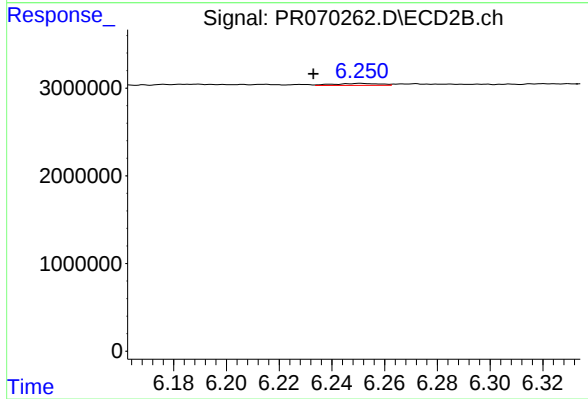
#35 AR-1260-5

R.T.: 6.785 min
Delta R.T.: 0.010 min
Response: 401621
Conc: 0.98 ng/ml



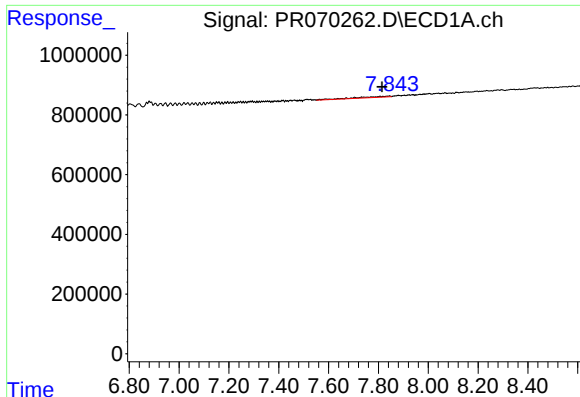
#36 AR-1262-1

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



#36 AR-1262-1

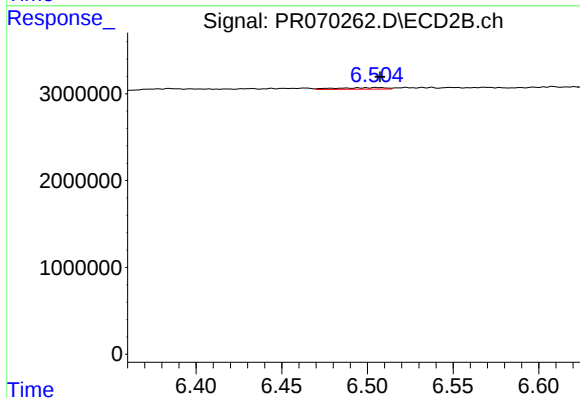
R.T.: 6.251 min
Delta R.T.: 0.018 min
Response: 278222
Conc: 0.90 ng/ml



#37 AR-1262-2

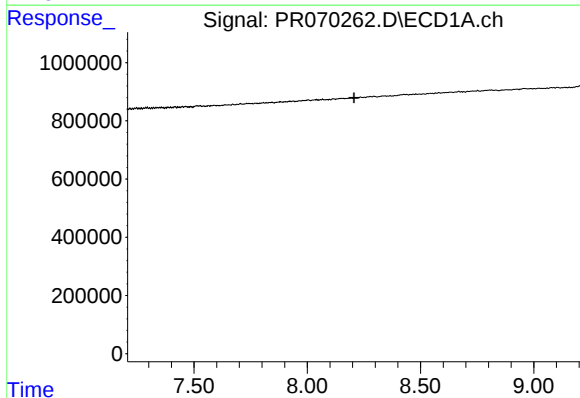
R.T.: 7.845 min
Delta R.T.: 0.029 min
Response: 335092
Conc: 4.43 ng/ml

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



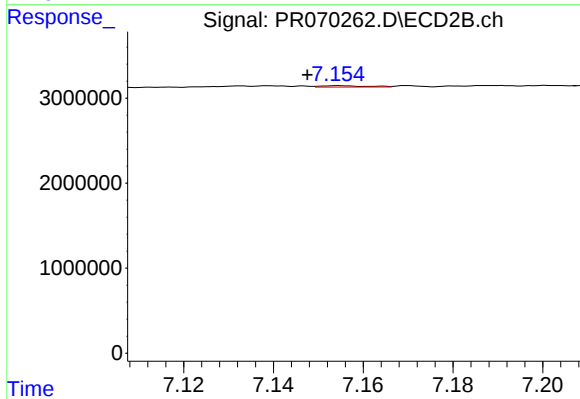
#37 AR-1262-2

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 352318
Conc: 1.30 ng/ml



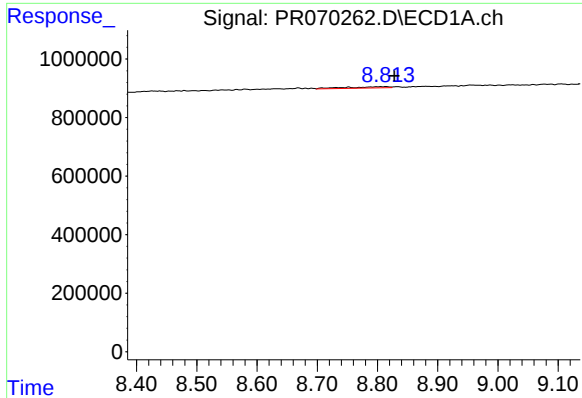
#39 AR-1262-4

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



#39 AR-1262-4

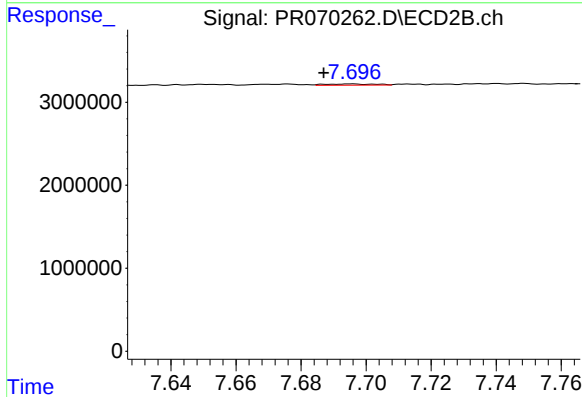
R.T.: 7.155 min
Delta R.T.: 0.007 min
Response: 116514
Conc: 0.32 ng/ml



#40 AR-1262-5

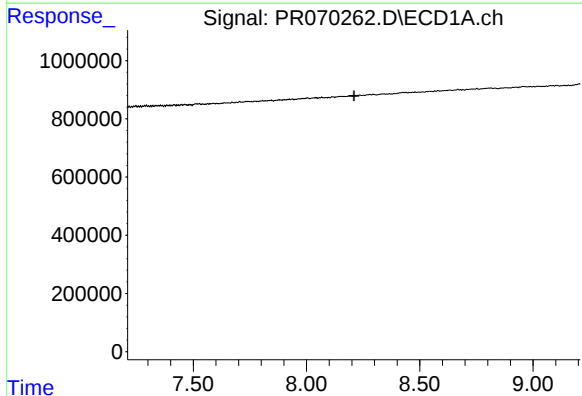
R.T.: 8.814 min
Delta R.T.: -0.014 min
Response: 225095
Conc: 9.31 ng/ml

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



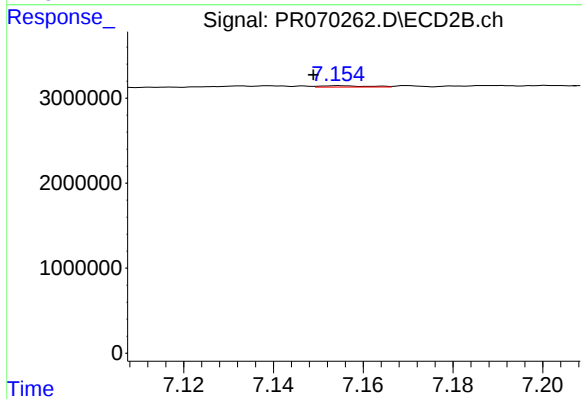
#40 AR-1262-5

R.T.: 7.696 min
Delta R.T.: 0.009 min
Response: 151523
Conc: 0.99 ng/ml



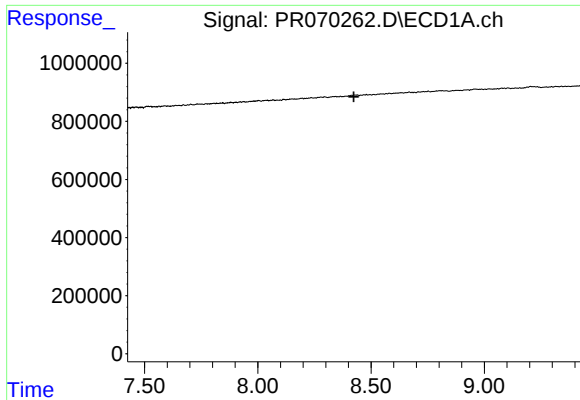
#42 AR-1268-2

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



#42 AR-1268-2

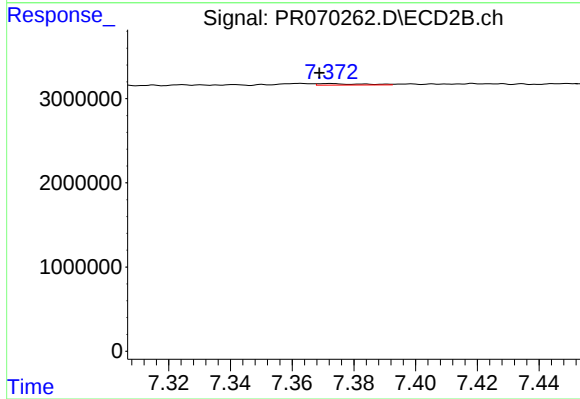
R.T.: 7.155 min
Delta R.T.: 0.006 min
Response: 116514
Conc: 0.22 ng/ml



#43 AR-1268-3

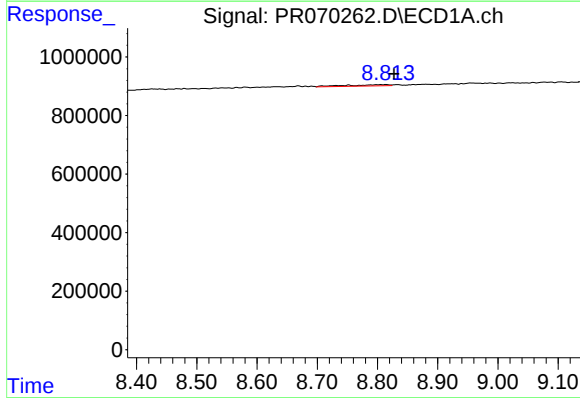
R.T.: 0.000 min
Exp R.T.: 8.424 min
Response: 0
Conc: N.D.

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



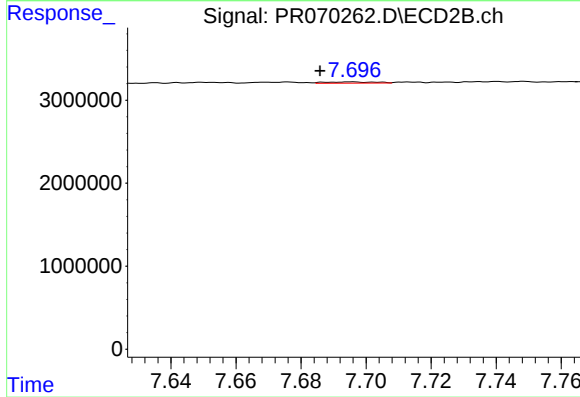
#43 AR-1268-3

R.T.: 7.372 min
Delta R.T.: 0.004 min
Response: 179077
Conc: 0.37 ng/ml



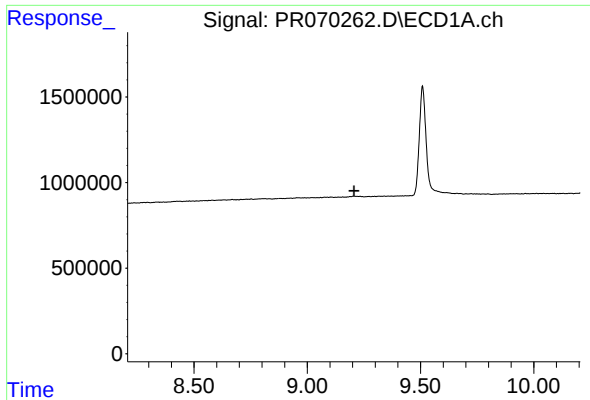
#44 AR-1268-4

R.T.: 8.814 min
Delta R.T.: -0.013 min
Response: 225095
Conc: 8.45 ng/ml



#44 AR-1268-4

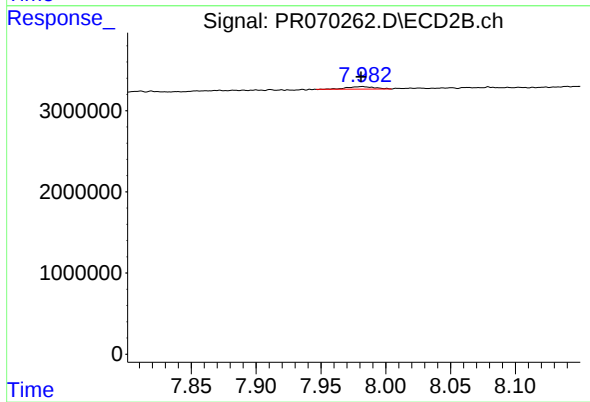
R.T.: 7.696 min
Delta R.T.: 0.010 min
Response: 151523
Conc: 0.89 ng/ml



#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.: 7.982 min
Delta R.T.: 0.000 min
Response: 439655
Conc: 0.32 ng/ml