

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012925\
 Data File : PP069305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 10:39
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 12:00:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 29 00:13:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

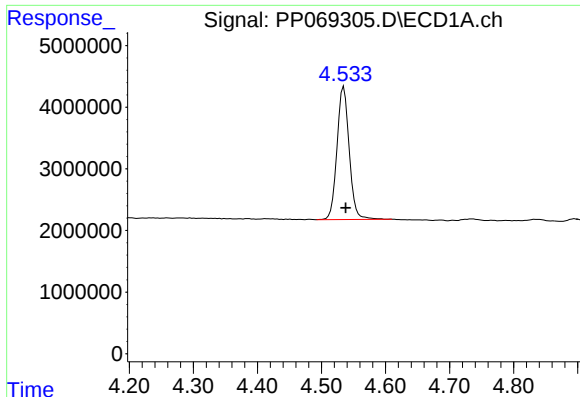
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.535	3.840	28572227	18604663	19.960	20.845
2)	SA Decachlor...	10.276	8.910	22183380	23688302	20.298	21.179
Target Compounds							
3)	L1 AR-1016-1	5.691	4.933	1475674	708760	31.849	21.731 #
4)	L1 AR-1016-2	5.711	4.952	1945114	1054000	28.656	23.444
5)	L1 AR-1016-3	5.772	5.131	1814768	582975	42.604	23.428 #
6)	L1 AR-1016-4	5.872	5.173	1120450	427721	32.012	21.178 #
7)	L1 AR-1016-5	6.165	5.387	839179	608432	25.385	22.682
8)	L2 AR-1221-1	4.734	4.052	460235	180708	24.198	14.670 #
9)	L2 AR-1221-2	0.000	4.142	0	525391	N.D.	54.257 #
10)	L2 AR-1221-3	4.895	4.216	692974	405440	16.522	13.897
11)	L3 AR-1232-1	4.895	4.216	692974	405440	20.814	17.268
12)	L3 AR-1232-2	5.422	4.952	1013567	1054000	62.022	44.714 #
13)	L3 AR-1232-3	5.711	5.131	1945114	582975	56.612	45.027
14)	L3 AR-1232-4	5.872	5.214	1120450	581048	62.889	52.411
15)	L3 AR-1232-5	5.964	5.387	1339707	608432	116.878	49.829 #
16)	L4 AR-1242-1	5.691	4.933	1475674	708760	35.383	24.582 #
17)	L4 AR-1242-2	5.711	4.952	1945114	1054000	32.973	26.753
18)	L4 AR-1242-3	5.772	5.131	1814768	582975	48.917	25.905 #
19)	L4 AR-1242-4	5.872	5.214	1120450	581048	34.166	26.922
20)	L4 AR-1242-5	6.603	5.741	778239	676488	23.884	23.515
21)	L5 AR-1248-1	5.691	4.933	1475674	708760	45.491	32.201 #
22)	L5 AR-1248-2	5.964	5.173	1339707	427721	31.562	14.227 #
23)	L5 AR-1248-3	6.165	5.214	839179	581048	17.860	18.753
24)	L5 AR-1248-4	6.563	5.387	716310	608432	12.995	16.469 #
25)	L5 AR-1248-5	6.603	5.781	778239	572180	14.578	15.303
26)	L6 AR-1254-1	6.537	5.741	846662	676488	14.632	12.287
27)	L6 AR-1254-2	6.760	5.891	758698	269971	9.455	5.582 #
28)	L6 AR-1254-3	0.000	6.293	0	229579	N.D.	3.025 #
29)	L6 AR-1254-4	7.405	6.523	542197	411174	7.952	8.023
31)	L7 AR-1260-1	7.336f	0.000	961828	0	16.459	N.D. #
32)	L7 AR-1260-2	7.545	6.593	728295	34486	9.360	0.563 #
33)	L7 AR-1260-3	0.000	6.773	0	1256978	N.D.	20.895 #
38)	L8 AR-1262-3	0.000	7.776	0	190450	N.D.	3.642 #
39)	L8 AR-1262-4	0.000	7.813	0	60031	N.D.	0.649 #
41)	L9 AR-1268-1	0.000	7.776	0	190450	N.D.	1.312 #
42)	L9 AR-1268-2	0.000	7.813	0	60031	N.D.	0.452 #
43)	L9 AR-1268-3	0.000	8.021	0	52506	N.D.	0.462 #
45)	L9 AR-1268-5	0.000	8.641	0	140411	N.D.	0.394 #

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

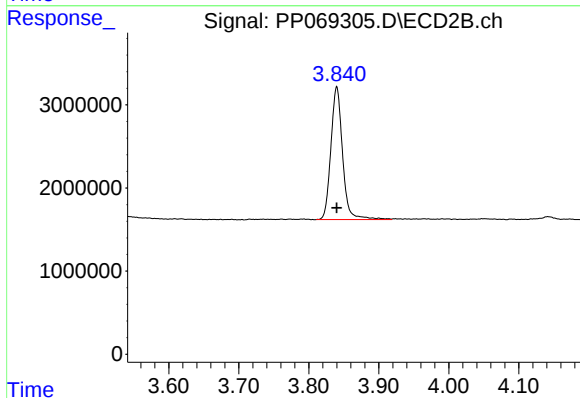
Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



#1 Tetrachloro-m-xylene

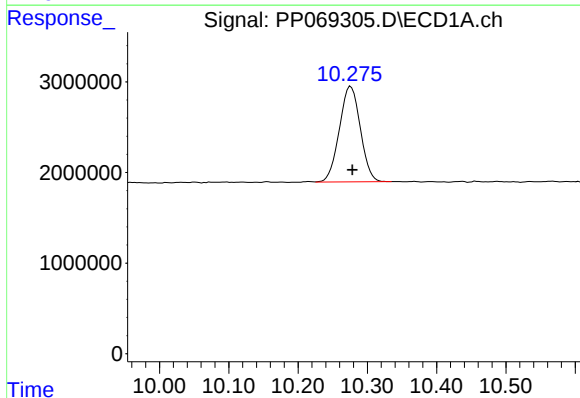
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 28572227
Conc: 19.96 ng/ml

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



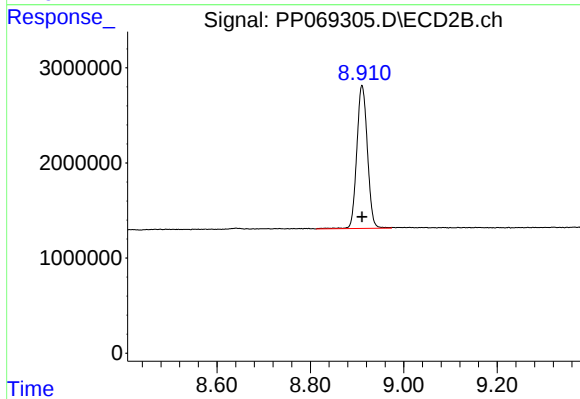
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 18604663
Conc: 20.84 ng/ml



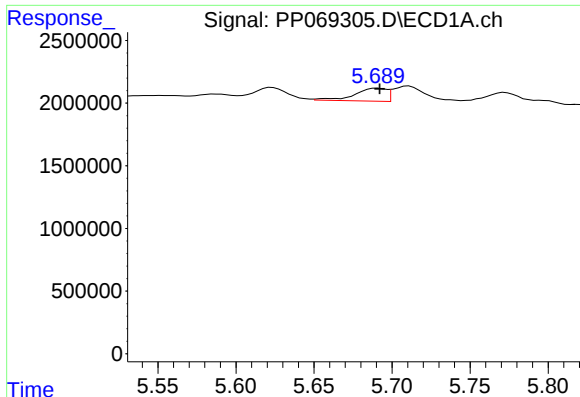
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.003 min
Response: 22183380
Conc: 20.30 ng/ml



#2 Decachlorobiphenyl

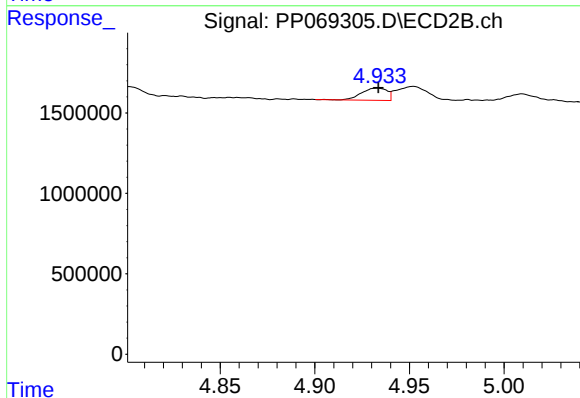
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 23688302
Conc: 21.18 ng/ml



#3 AR-1016-1

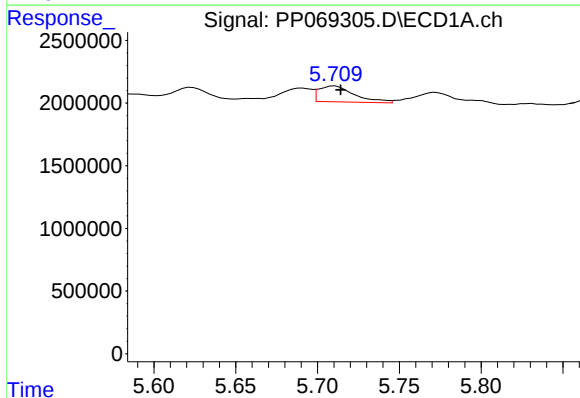
R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 1475674
Conc: 31.85 ng/ml

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



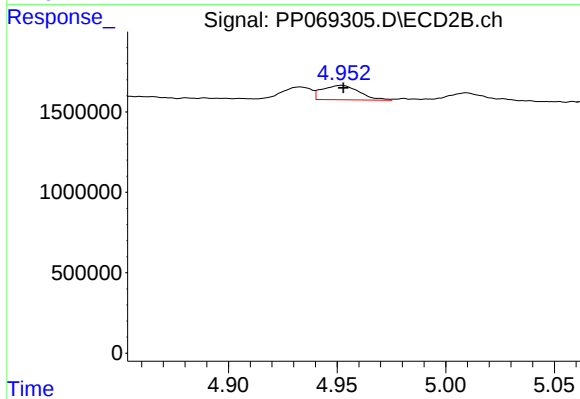
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 708760
Conc: 21.73 ng/ml



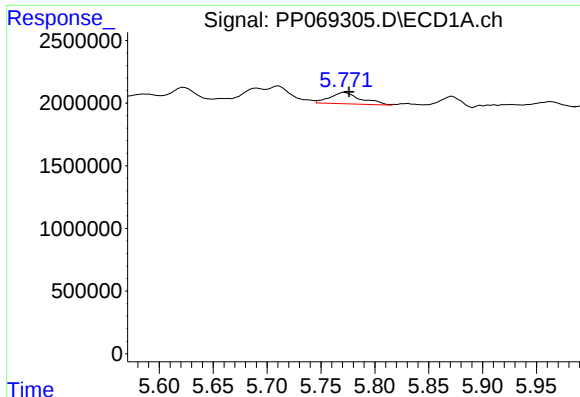
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1945114
Conc: 28.66 ng/ml



#4 AR-1016-2

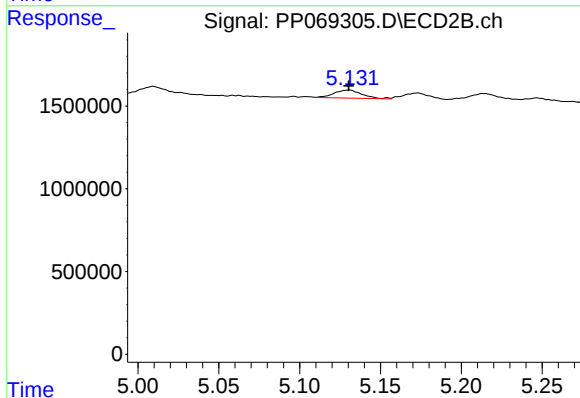
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 1054000
Conc: 23.44 ng/ml



#5 AR-1016-3

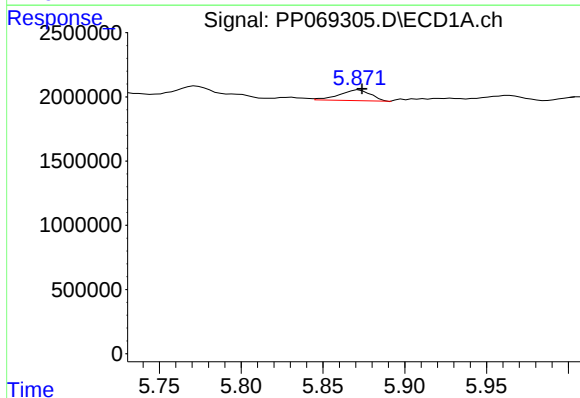
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 1814768
Conc: 42.60 ng/ml

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



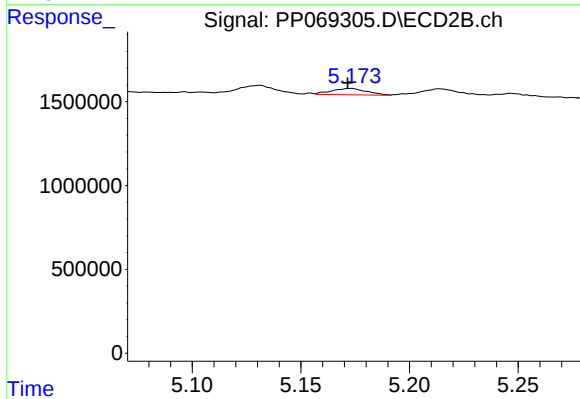
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 582975
Conc: 23.43 ng/ml



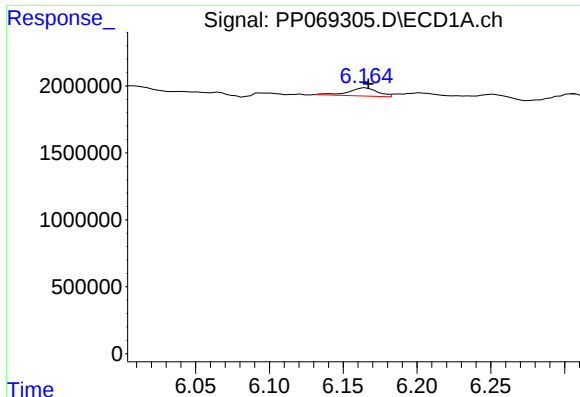
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 1120450
Conc: 32.01 ng/ml



#6 AR-1016-4

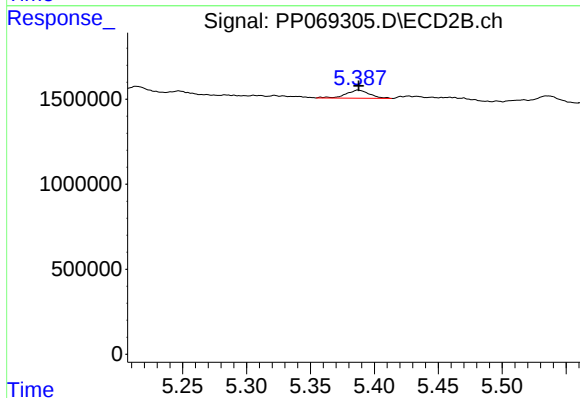
R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 427721
Conc: 21.18 ng/ml



#7 AR-1016-5

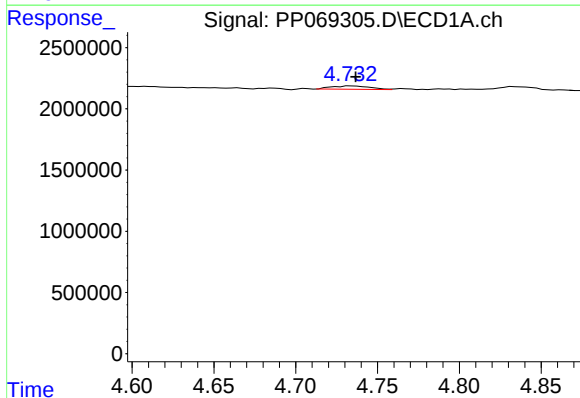
R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 839179
Conc: 25.38 ng/ml

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



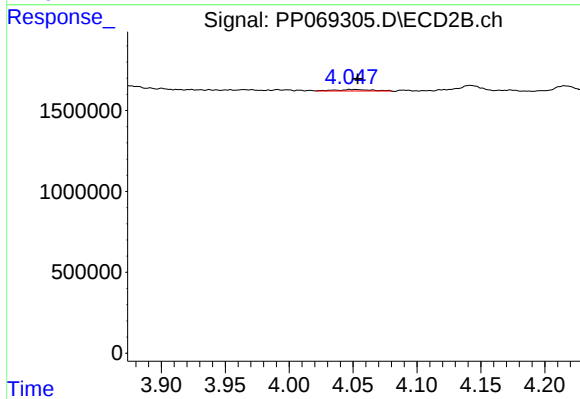
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 608432
Conc: 22.68 ng/ml



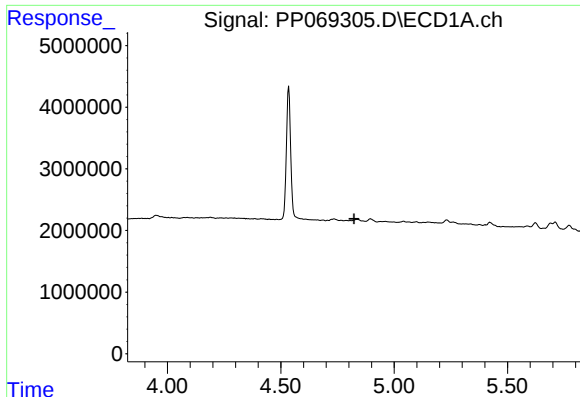
#8 AR-1221-1

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 460235
Conc: 24.20 ng/ml



#8 AR-1221-1

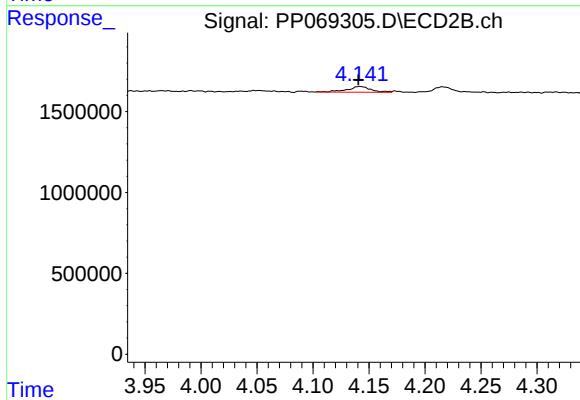
R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 180708
Conc: 14.67 ng/ml



#9 AR-1221-2

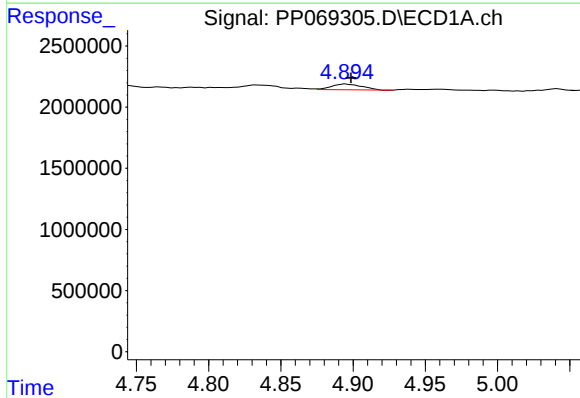
R.T.: 0.000 min
Exp R.T.: 4.823 min
Response: 0
Conc: N.D.

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



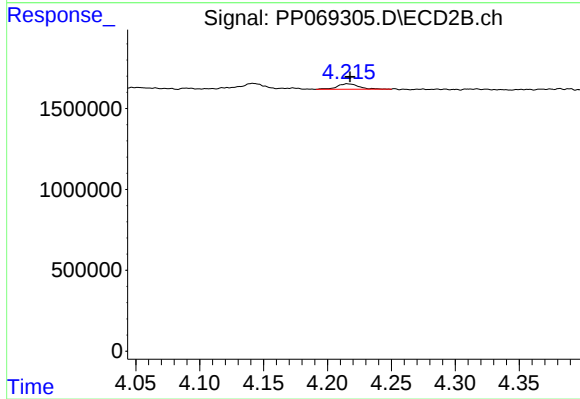
#9 AR-1221-2

R.T.: 4.142 min
Delta R.T.: 0.001 min
Response: 525391
Conc: 54.26 ng/ml



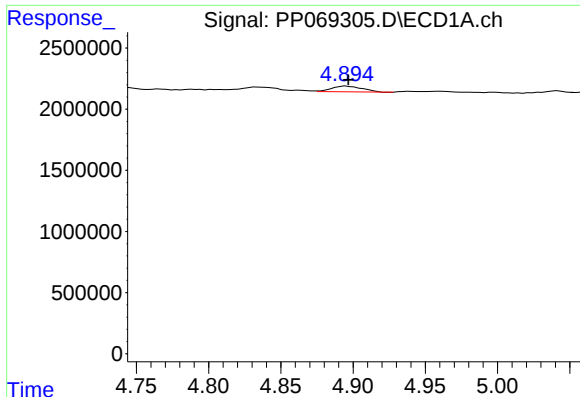
#10 AR-1221-3

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 692974
Conc: 16.52 ng/ml



#10 AR-1221-3

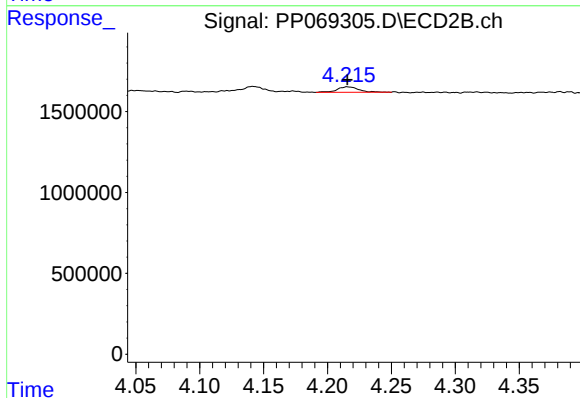
R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 405440
Conc: 13.90 ng/ml



#11 AR-1232-1

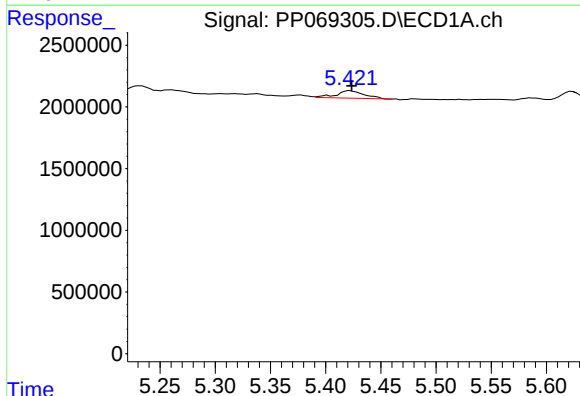
R.T.: 4.895 min
Delta R.T.: -0.001 min
Response: 692974
Conc: 20.81 ng/ml

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



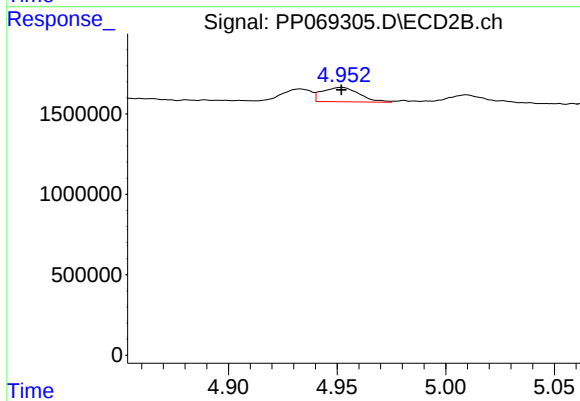
#11 AR-1232-1

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 405440
Conc: 17.27 ng/ml



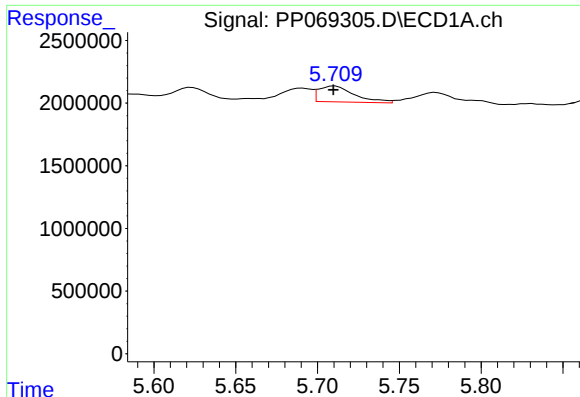
#12 AR-1232-2

R.T.: 5.422 min
Delta R.T.: -0.002 min
Response: 1013567
Conc: 62.02 ng/ml



#12 AR-1232-2

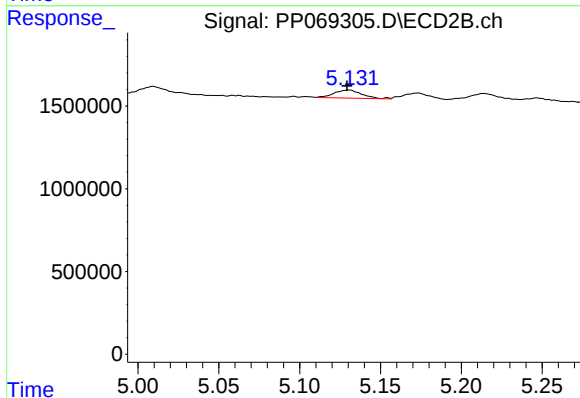
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 1054000
Conc: 44.71 ng/ml



#13 AR-1232-3

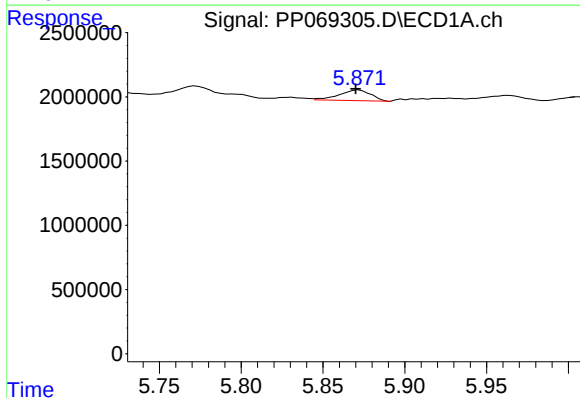
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 1945114
Conc: 56.61 ng/ml

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



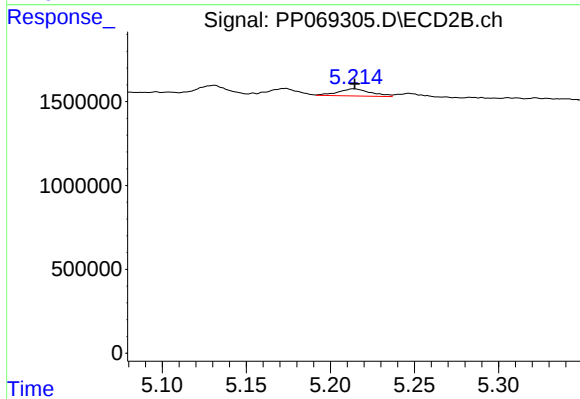
#13 AR-1232-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 582975
Conc: 45.03 ng/ml



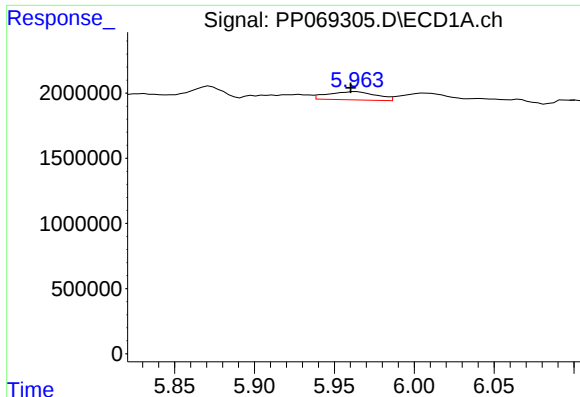
#14 AR-1232-4

R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 1120450
Conc: 62.89 ng/ml



#14 AR-1232-4

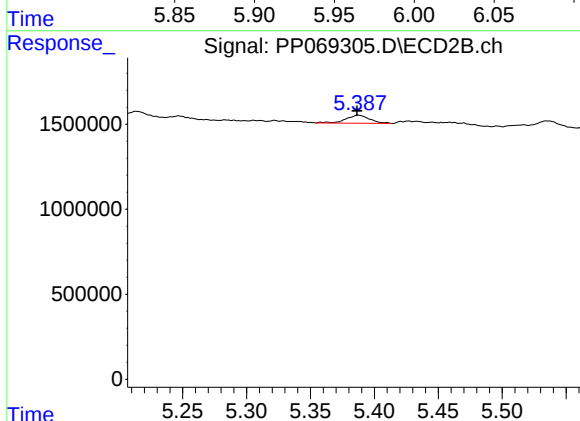
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 581048
Conc: 52.41 ng/ml



#15 AR-1232-5

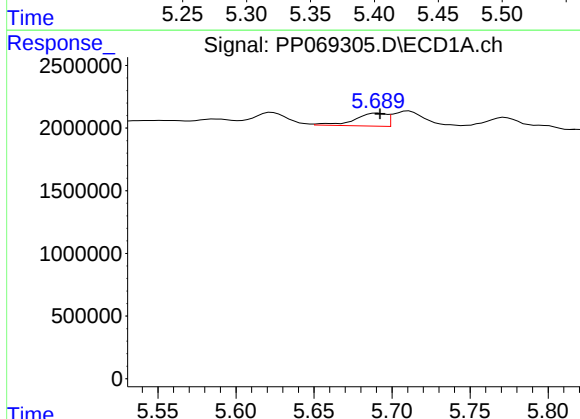
R.T.: 5.964 min
Delta R.T.: 0.004 min
Response: 1339707
Conc: 116.88 ng/ml

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



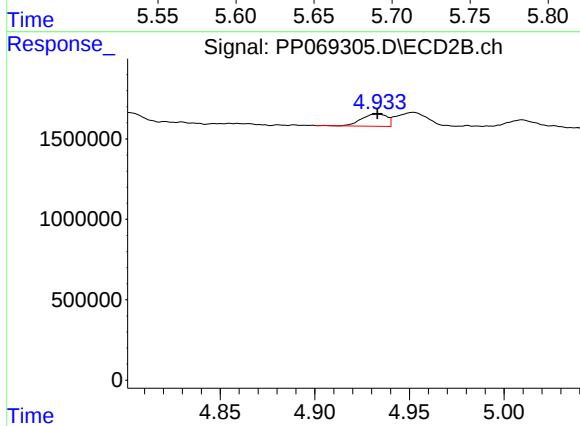
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 608432
Conc: 49.83 ng/ml



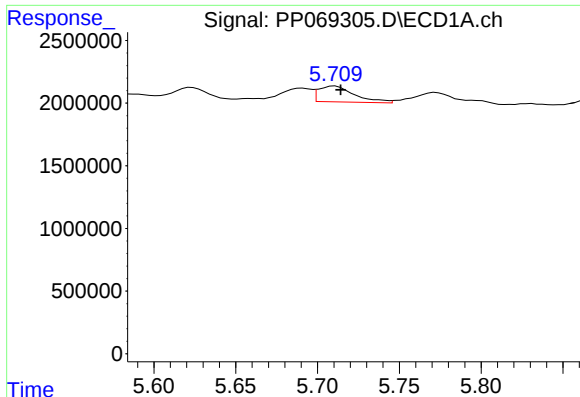
#16 AR-1242-1

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 1475674
Conc: 35.38 ng/ml



#16 AR-1242-1

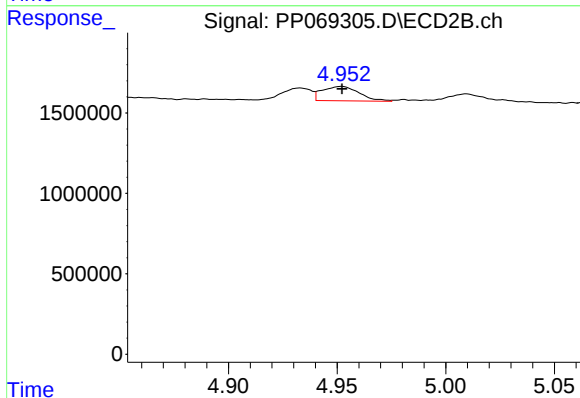
R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 708760
Conc: 24.58 ng/ml



#17 AR-1242-2

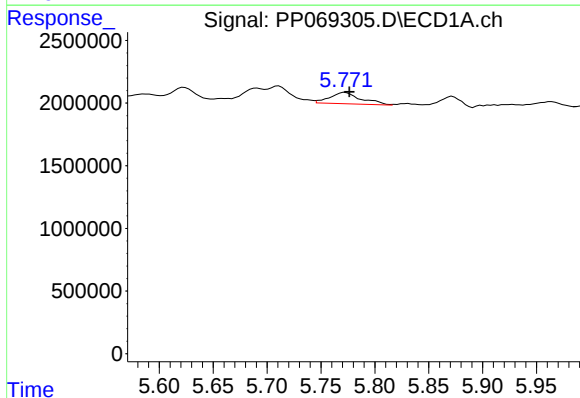
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1945114
Conc: 32.97 ng/ml

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



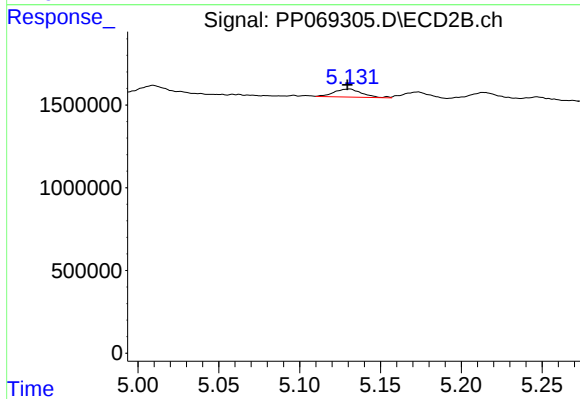
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 1054000
Conc: 26.75 ng/ml



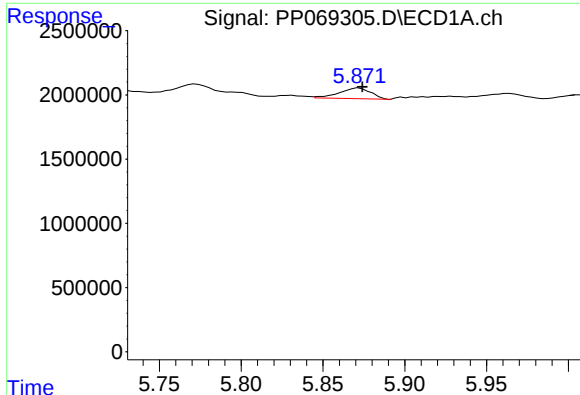
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 1814768
Conc: 48.92 ng/ml



#18 AR-1242-3

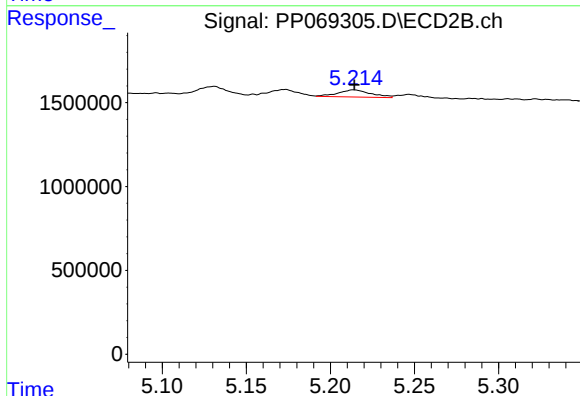
R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 582975
Conc: 25.91 ng/ml



#19 AR-1242-4

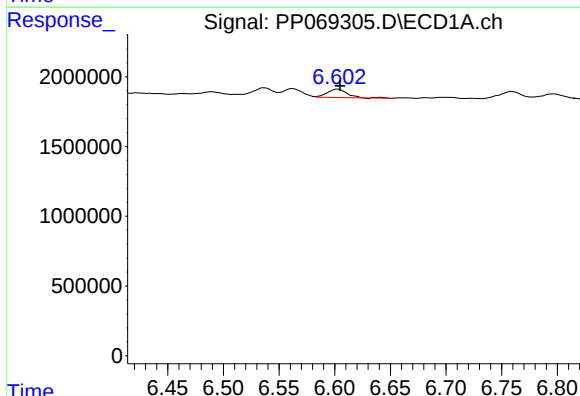
R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 1120450
Conc: 34.17 ng/ml

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



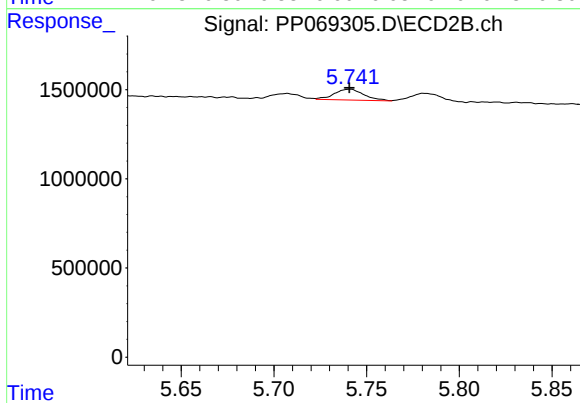
#19 AR-1242-4

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 581048
Conc: 26.92 ng/ml



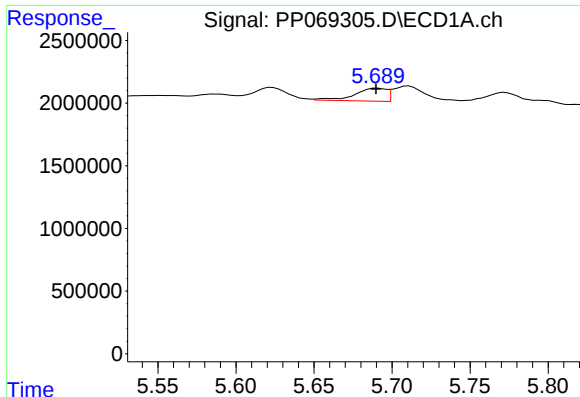
#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: -0.002 min
Response: 778239
Conc: 23.88 ng/ml



#20 AR-1242-5

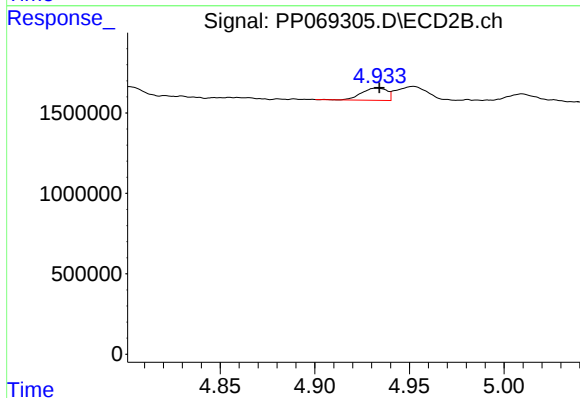
R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 676488
Conc: 23.51 ng/ml



#21 AR-1248-1

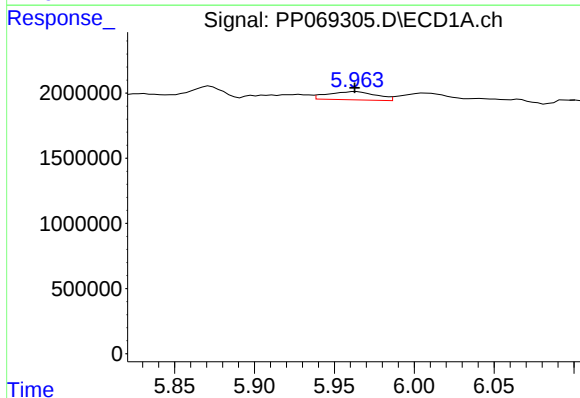
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 1475674
Conc: 45.49 ng/ml

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



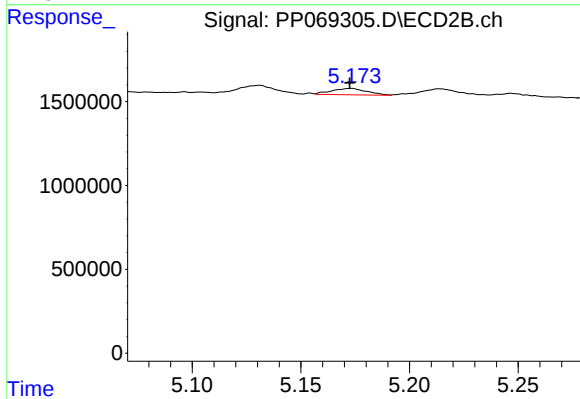
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 708760
Conc: 32.20 ng/ml



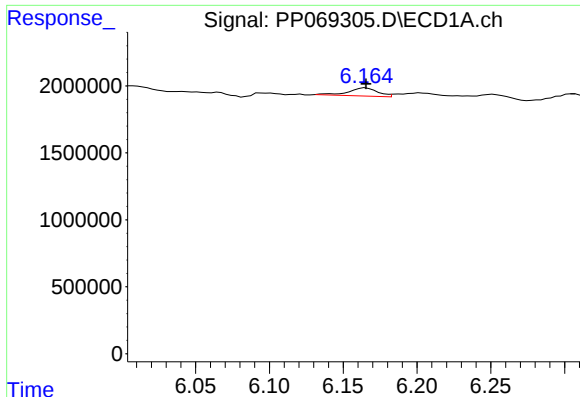
#22 AR-1248-2

R.T.: 5.964 min
Delta R.T.: 0.001 min
Response: 1339707
Conc: 31.56 ng/ml



#22 AR-1248-2

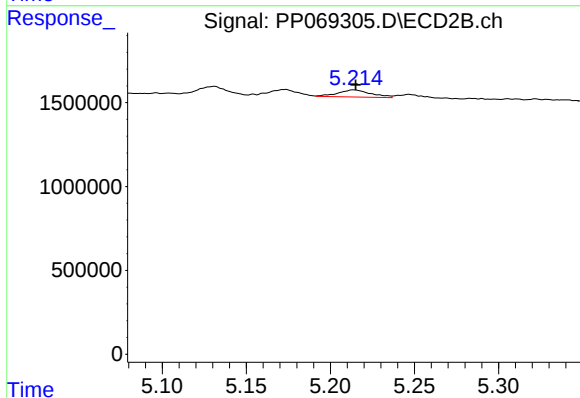
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 427721
Conc: 14.23 ng/ml



#23 AR-1248-3

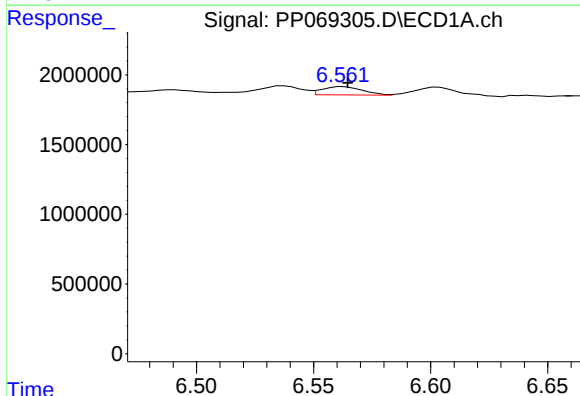
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 839179
Conc: 17.86 ng/ml

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



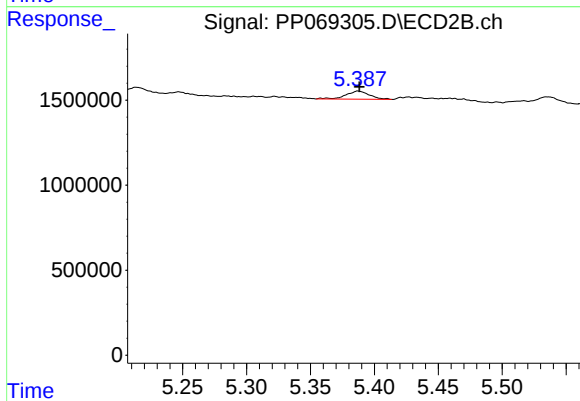
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 581048
Conc: 18.75 ng/ml



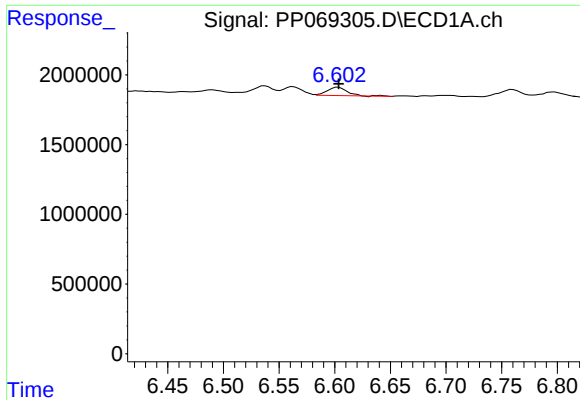
#24 AR-1248-4

R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 716310
Conc: 13.00 ng/ml



#24 AR-1248-4

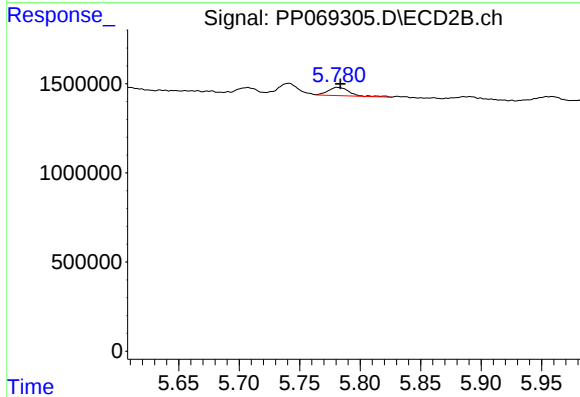
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 608432
Conc: 16.47 ng/ml



#25 AR-1248-5

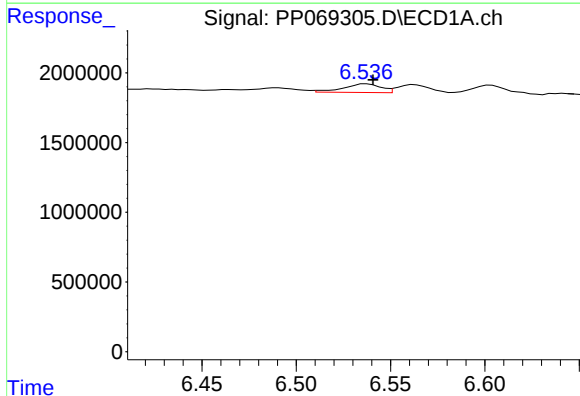
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 778239
Conc: 14.58 ng/ml

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



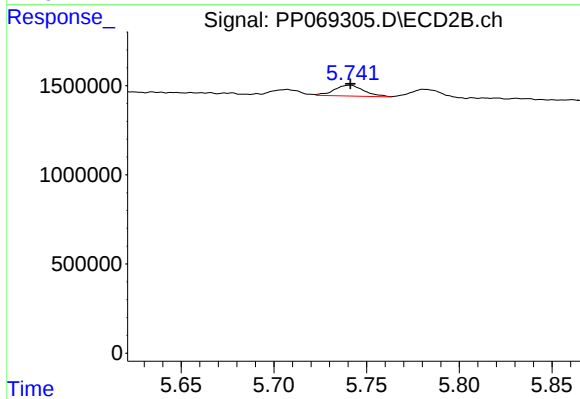
#25 AR-1248-5

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 572180
Conc: 15.30 ng/ml



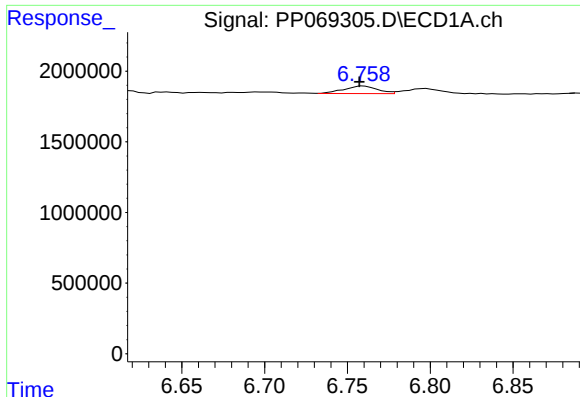
#26 AR-1254-1

R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 846662
Conc: 14.63 ng/ml



#26 AR-1254-1

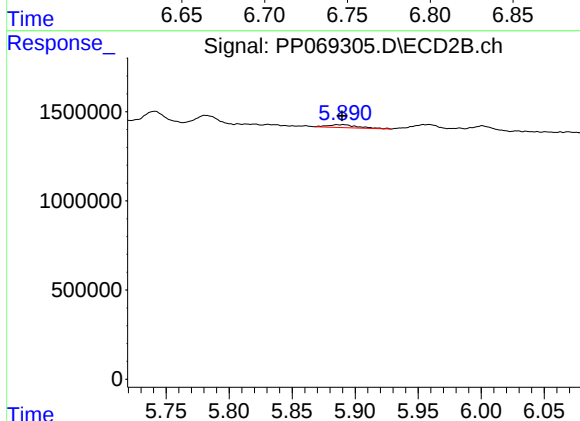
R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 676488
Conc: 12.29 ng/ml



#27 AR-1254-2

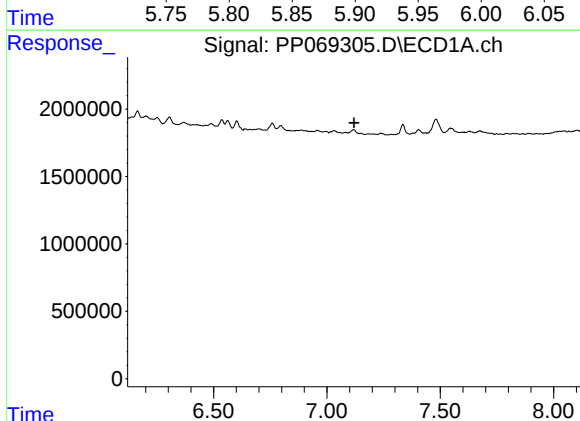
R.T.: 6.760 min
Delta R.T.: 0.003 min
Response: 758698
Conc: 9.46 ng/ml

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



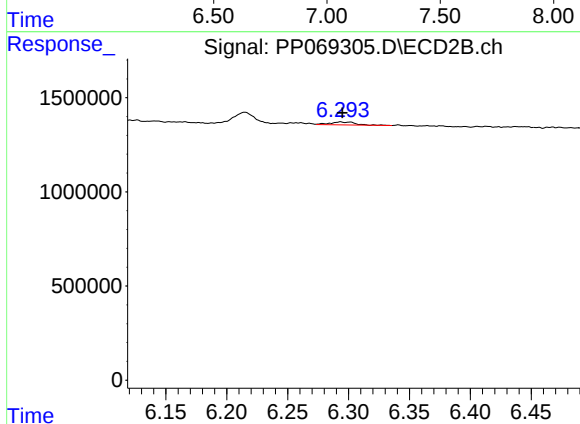
#27 AR-1254-2

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 269971
Conc: 5.58 ng/ml



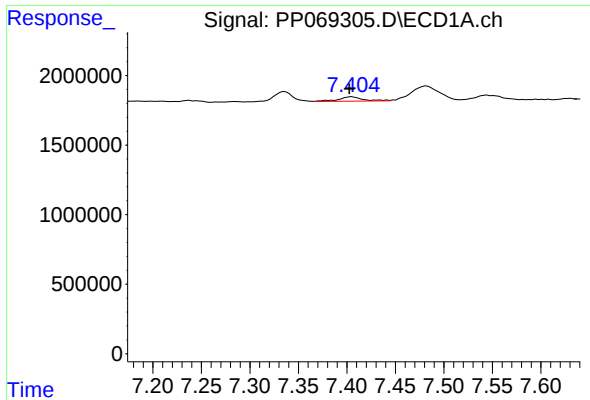
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

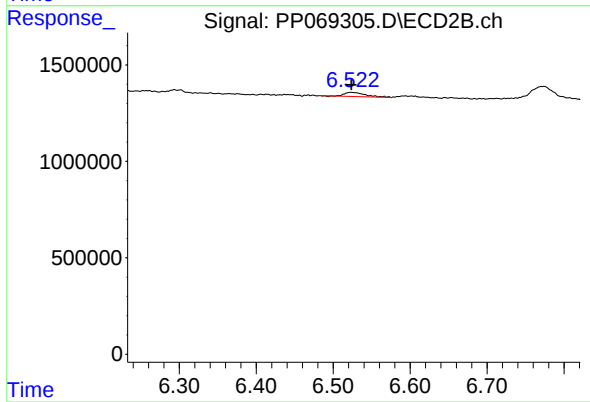
R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 229579
Conc: 3.02 ng/ml



#29 AR-1254-4

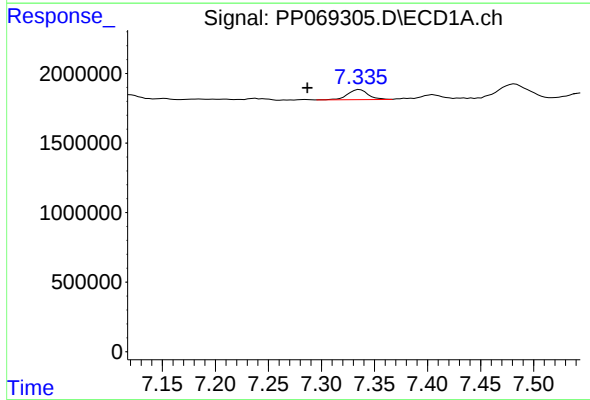
R.T.: 7.405 min
Delta R.T.: 0.003 min
Response: 542197
Conc: 7.95 ng/ml

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



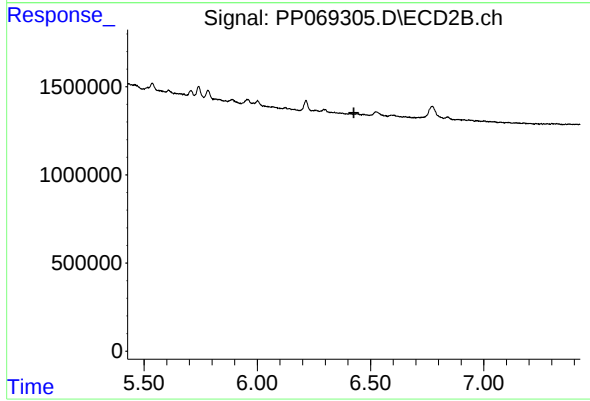
#29 AR-1254-4

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 411174
Conc: 8.02 ng/ml



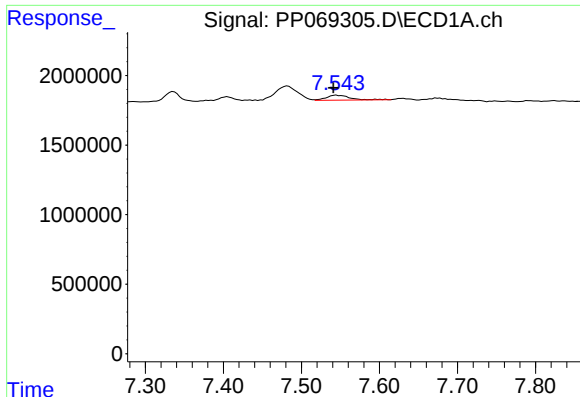
#31 AR-1260-1

R.T.: 7.336 min
Delta R.T.: 0.049 min
Response: 961828
Conc: 16.46 ng/ml



#31 AR-1260-1

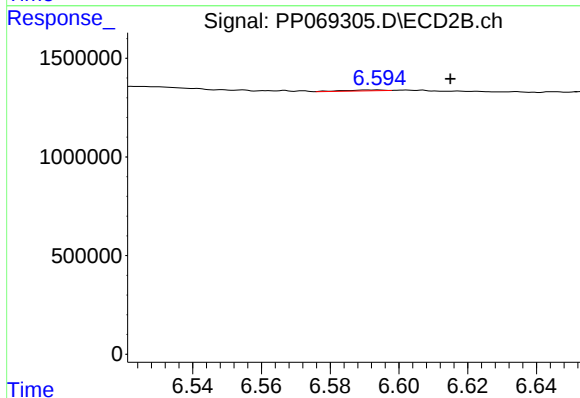
R.T.: 0.000 min
Exp R.T. : 6.426 min
Response: 0
Conc: N.D.



#32 AR-1260-2

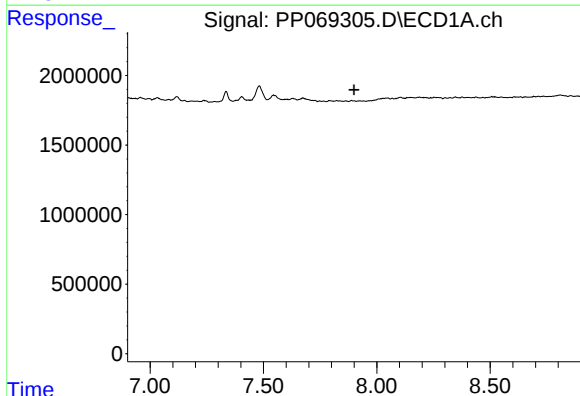
R.T.: 7.545 min
Delta R.T.: 0.004 min
Response: 728295
Conc: 9.36 ng/ml

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



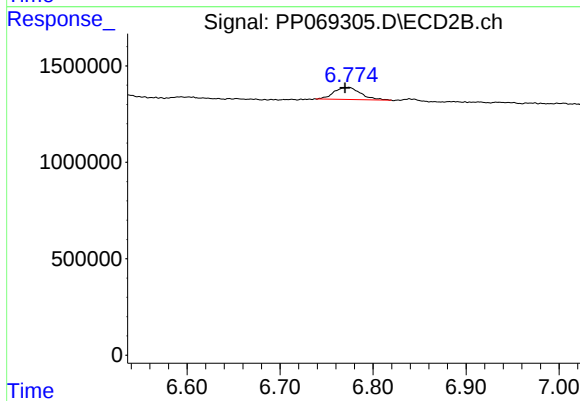
#32 AR-1260-2

R.T.: 6.593 min
Delta R.T.: -0.022 min
Response: 34486
Conc: 0.56 ng/ml



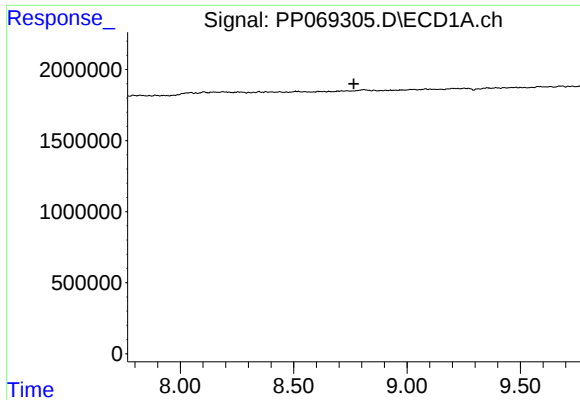
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

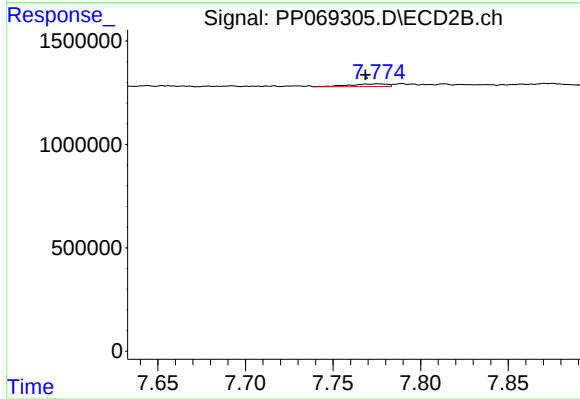
R.T.: 6.773 min
Delta R.T.: 0.004 min
Response: 1256978
Conc: 20.90 ng/ml



#38 AR-1262-3

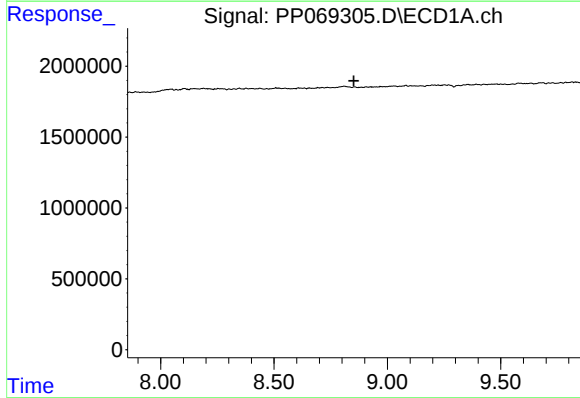
R.T.: 0.000 min
Exp R.T.: 8.766 min
Response: 0
Conc: N.D.

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



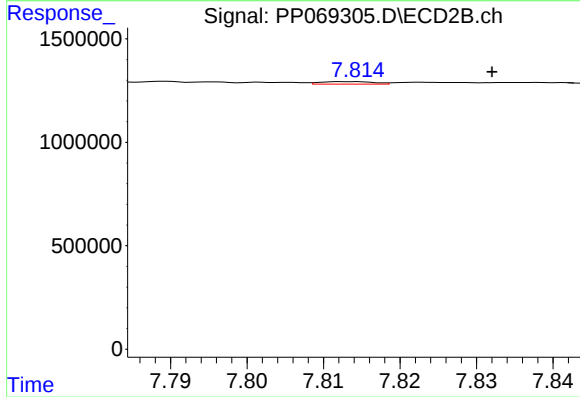
#38 AR-1262-3

R.T.: 7.776 min
Delta R.T.: 0.007 min
Response: 190450
Conc: 3.64 ng/ml



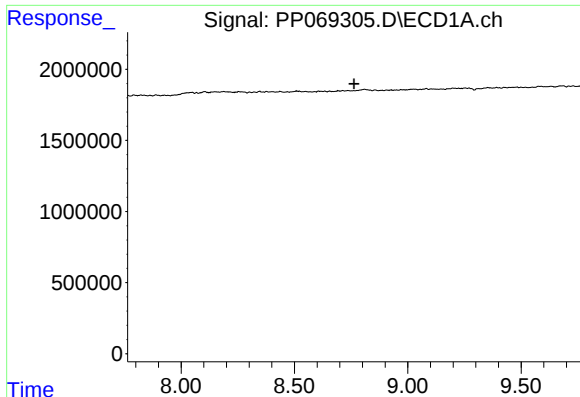
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

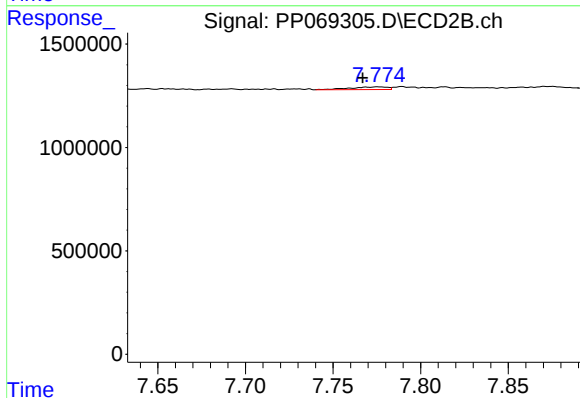
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 60031
Conc: 0.65 ng/ml



#41 AR-1268-1

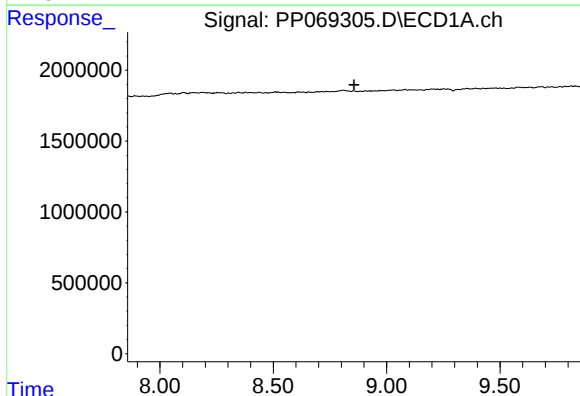
R.T.: 0.000 min
Exp R.T.: 8.763 min
Response: 0
Conc: N.D.

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



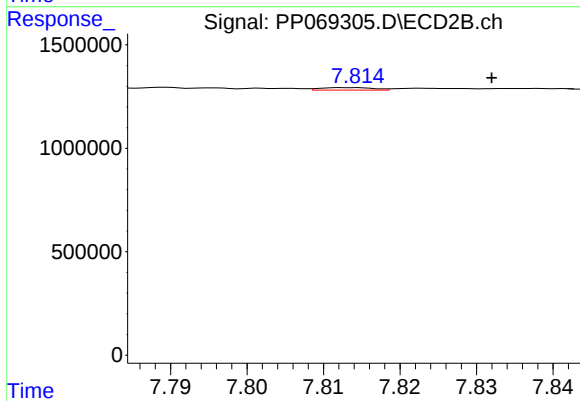
#41 AR-1268-1

R.T.: 7.776 min
Delta R.T.: 0.009 min
Response: 190450
Conc: 1.31 ng/ml



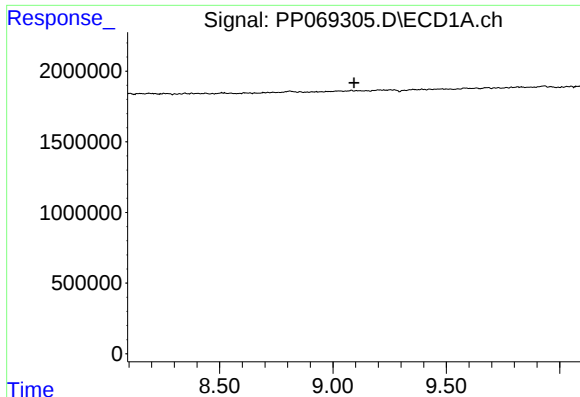
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

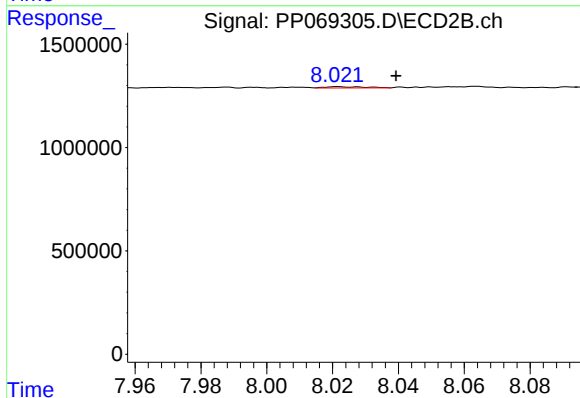
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 60031
Conc: 0.45 ng/ml



#43 AR-1268-3

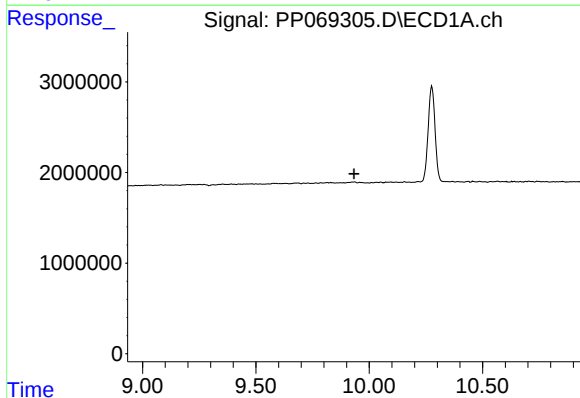
R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.

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



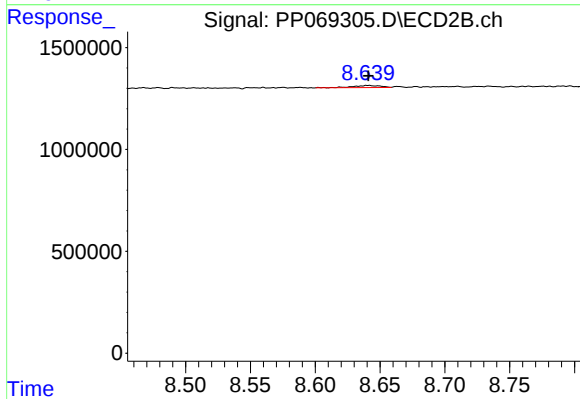
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 52506
Conc: 0.46 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 140411
Conc: 0.39 ng/ml