

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061798.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 19:37
 Operator : HP/AJ
 Sample : K5231-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:20:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.361	3.522	955797	686590	23.304	21.231
2)	SA Decachlor...	10.021	8.423	574739	515	12.341	0.016 #
Target Compounds							
3)	L1 AR-1016-1	5.545	4.591	2231	3723	1.217	2.769 #
4)	L1 AR-1016-2	5.573	4.591	838	3723	0.324	2.009 #
5)	L1 AR-1016-3	5.635	4.779	651	948	0.405	0.946 #
6)	L1 AR-1016-4	5.739	4.818	1687	1406	1.262	1.622 #
7)	L1 AR-1016-5	6.036	5.024	2241	1535	1.634	1.345
8)	L2 AR-1221-1	4.574	3.733	1064	1659	2.301	4.189 #
9)	L2 AR-1221-2	4.665	3.810	16357	13202	45.561	42.809
10)	L2 AR-1221-3	4.729	3.890	1302	1161	1.144	1.272
11)	L3 AR-1232-1	4.729	3.890	1302	1161	0.931	1.034
12)	L3 AR-1232-2	5.263	4.591	2006	3723	2.557	3.050
13)	L3 AR-1232-3	5.545	4.764	2231	1549	1.306	2.347 #
14)	L3 AR-1232-4	5.711	4.841	2322	2955	2.624	4.688 #
15)	L3 AR-1232-5	5.789	5.007	2906	1334	4.192	1.944 #
16)	L4 AR-1242-1	5.521	4.568	1105	1396	0.778	1.362 #
17)	L4 AR-1242-2	5.545	4.591	2231	3723	1.110	2.640 #
18)	L4 AR-1242-3	5.605	4.759	1675	511	1.327	0.655 #
19)	L4 AR-1242-4	5.711	4.841	2322	2955	2.209	3.601 #
20)	L4 AR-1242-5	6.468	5.342	2412	3770	1.803	3.519 #
21)	L5 AR-1248-1	5.545	4.591	2231	3723	1.899	4.160 #
22)	L5 AR-1248-2	5.835	4.818	1168	1406	0.692	1.193 #
23)	L5 AR-1248-3	6.036	4.841	2241	2955	1.199	2.381 #
24)	L5 AR-1248-4	6.410	5.024	44538	1535	18.849	1.021 #
25)	L5 AR-1248-5	6.468	5.423	2412	414	1.064	0.270 #
26)	L6 AR-1254-1	6.410	5.342	44538	3770	19.522	1.719 #
27)	L6 AR-1254-2	6.604	5.503	11582	537	3.206	0.274 #
28)	L6 AR-1254-3	6.968	5.887	9392	3156	2.404	0.991 #
29)	L6 AR-1254-4	7.250	6.119	13907	1852	4.592	0.913 #
30)	L6 AR-1254-5	7.659	6.517	33030	5093	10.518	1.801 #
31)	L7 AR-1260-1	7.148	6.037	4185	1662	1.603	0.815 #
32)	L7 AR-1260-2	7.403	6.223	3036	2339	0.952	0.974
33)	L7 AR-1260-3	7.769	6.378	19983	1474	8.320	0.654 #
34)	L7 AR-1260-4	7.981	6.834	66962	1365	25.060	0.740 #
35)	L7 AR-1260-5	8.320	7.077	16400	2990	3.314	0.768 #
36)	L8 AR-1262-1	7.737	6.630	15319	372	3.998	0.305 #
37)	L8 AR-1262-2	8.274	7.051	98316	6159	15.837	1.339 #
38)	L8 AR-1262-3	8.571	7.339	29155	589	7.015	0.313 #
39)	L8 AR-1262-4	8.668	7.395	17576	2549	5.568	0.758 #
40)	L8 AR-1262-5	9.312	7.902	12733	2084	6.261	1.375 #
41)	L9 AR-1268-1	8.571	7.339	29155	589	4.336	0.122 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
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 Acq On : 08 Oct 2019 19:37
 Operator : HP/AJ
 Sample : K5231-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

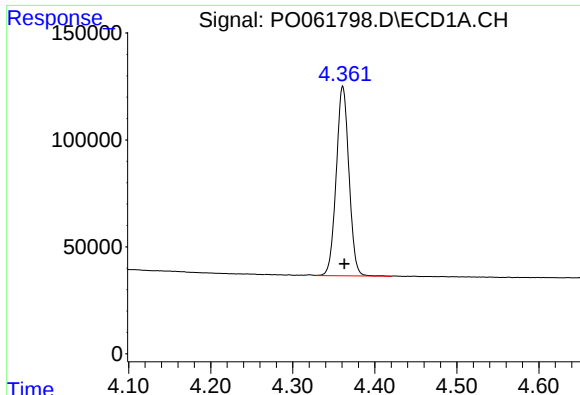
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:20:04 2019
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 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
42) L9	AR-1268-2	8.668	7.395	17576	2549	2.838	0.591 #
43) L9	AR-1268-3	8.887	7.604	39702	1524	7.766	0.425 #
44) L9	AR-1268-4	9.312	7.902	12733	2084	5.823	1.295 #
45) L9	AR-1268-5	9.703	8.171	7219	786	0.481	0.078 #

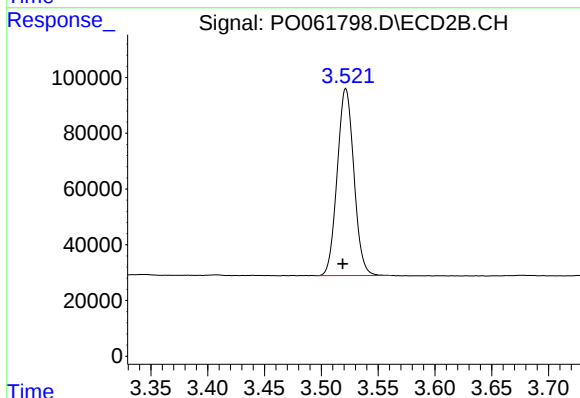
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

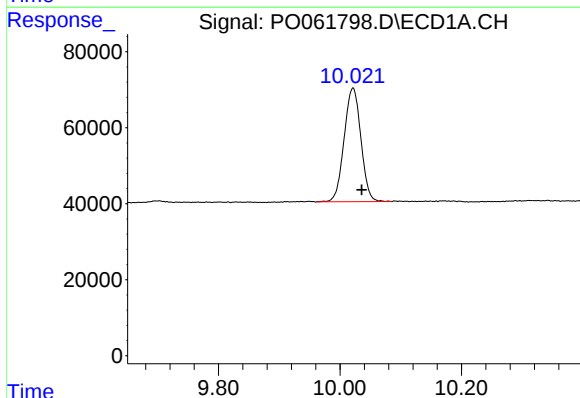
R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 955797
Conc: 23.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



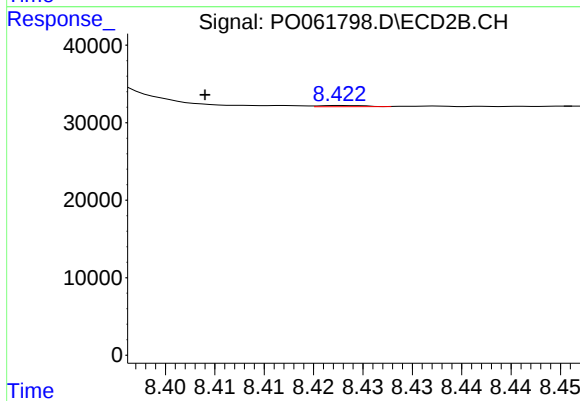
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 686590
Conc: 21.23 ng/ml



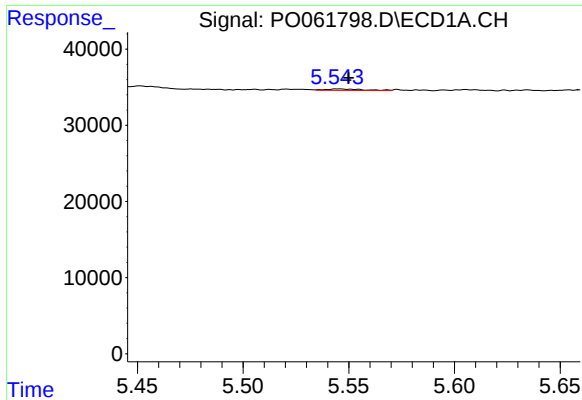
#2 Decachlorobiphenyl

R.T.: 10.021 min
Delta R.T.: -0.015 min
Response: 574739
Conc: 12.34 ng/ml



#2 Decachlorobiphenyl

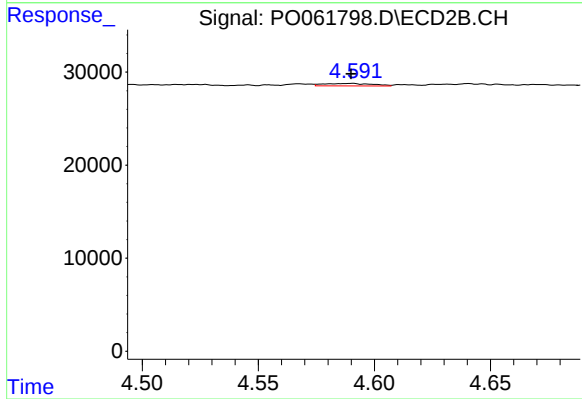
R.T.: 8.423 min
Delta R.T.: 0.014 min
Response: 515
Conc: 0.02 ng/ml



#3 AR-1016-1

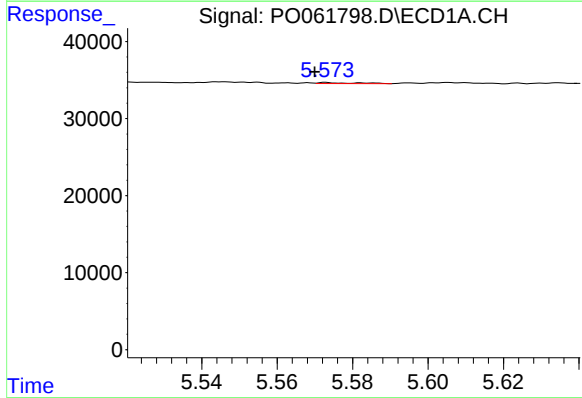
R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 2231
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



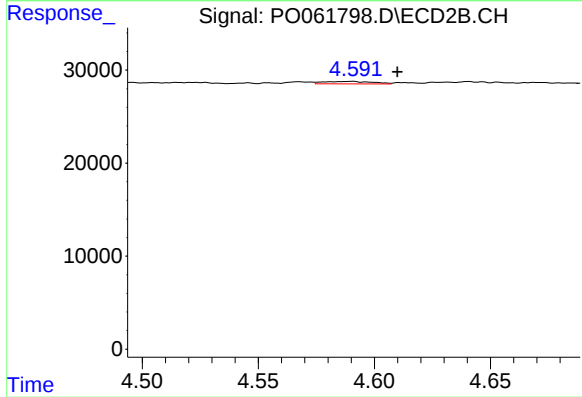
#3 AR-1016-1

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 3723
Conc: 2.77 ng/ml



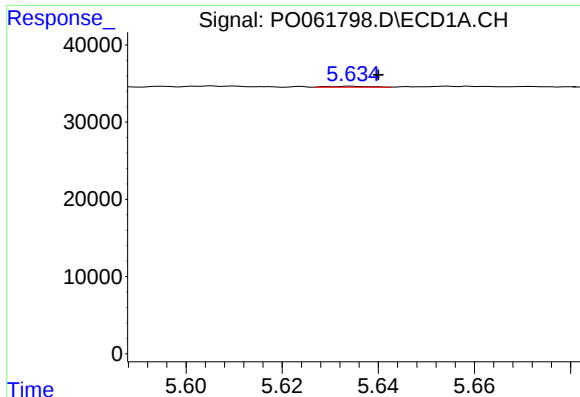
#4 AR-1016-2

R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 838
Conc: 0.32 ng/ml



#4 AR-1016-2

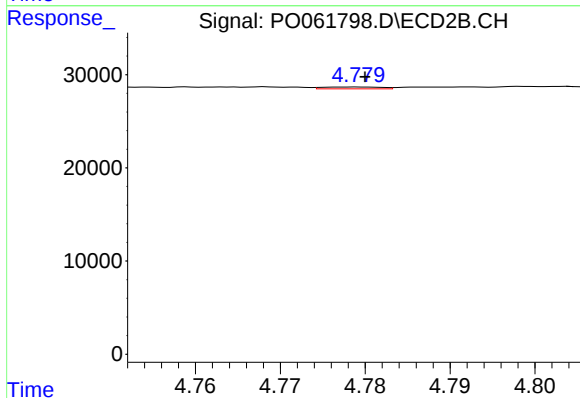
R.T.: 4.591 min
Delta R.T.: -0.019 min
Response: 3723
Conc: 2.01 ng/ml



#5 AR-1016-3

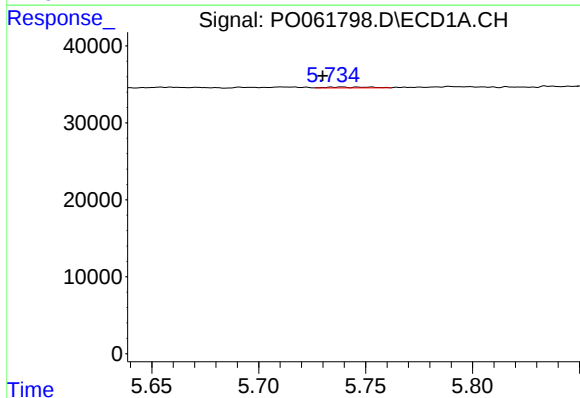
R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 651
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



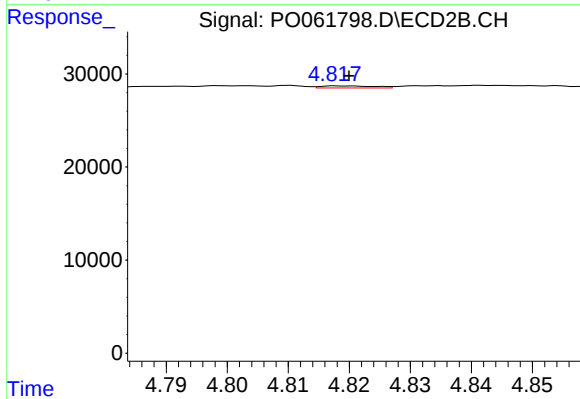
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 948
Conc: 0.95 ng/ml



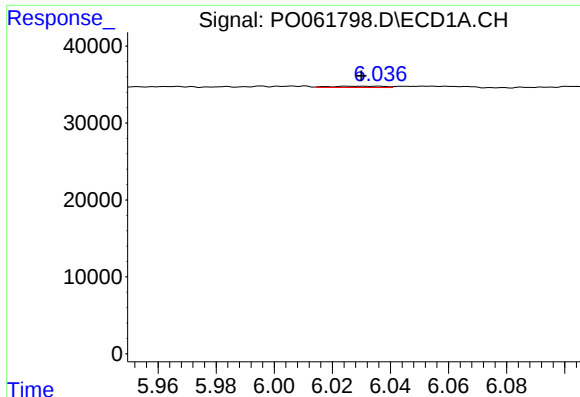
#6 AR-1016-4

R.T.: 5.739 min
Delta R.T.: 0.009 min
Response: 1687
Conc: 1.26 ng/ml



#6 AR-1016-4

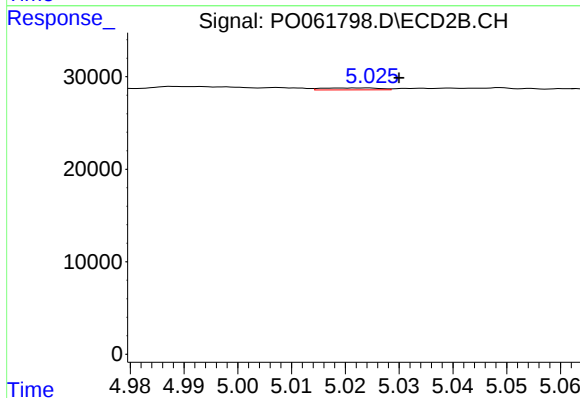
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 1406
Conc: 1.62 ng/ml



#7 AR-1016-5

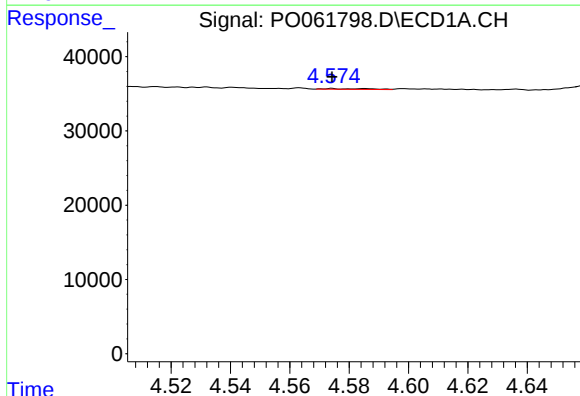
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 2241
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



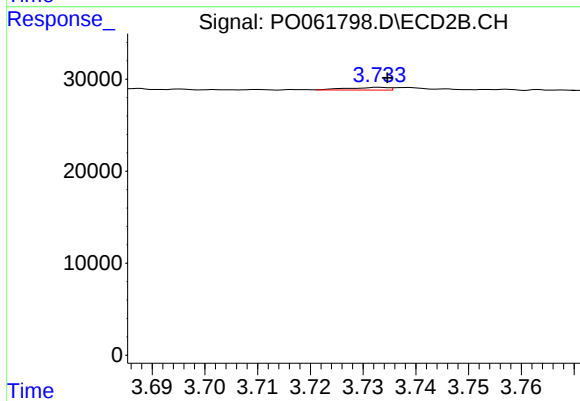
#7 AR-1016-5

R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 1535
Conc: 1.34 ng/ml



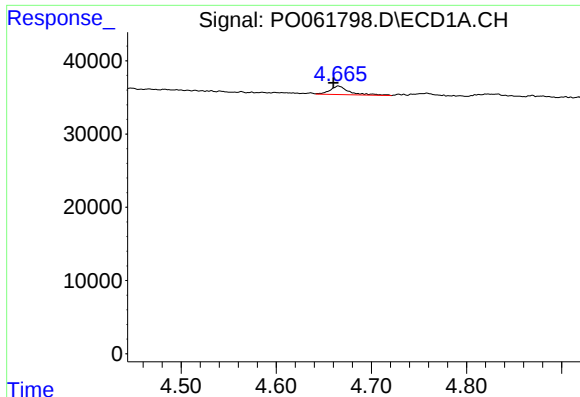
#8 AR-1221-1

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 1064
Conc: 2.30 ng/ml



#8 AR-1221-1

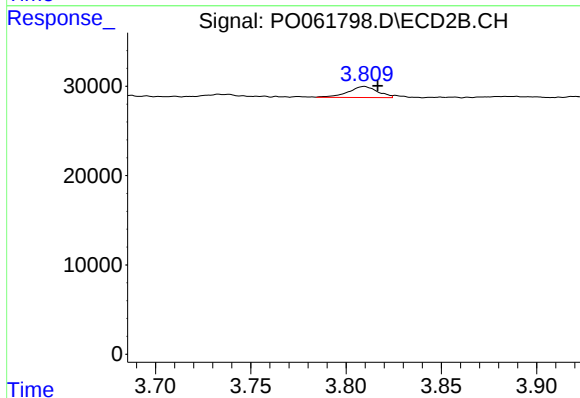
R.T.: 3.733 min
Delta R.T.: -0.002 min
Response: 1659
Conc: 4.19 ng/ml



#9 AR-1221-2

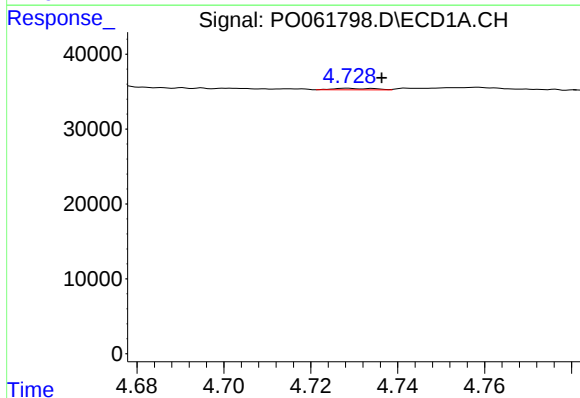
R.T.: 4.665 min
Delta R.T.: 0.005 min
Response: 16357
Conc: 45.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



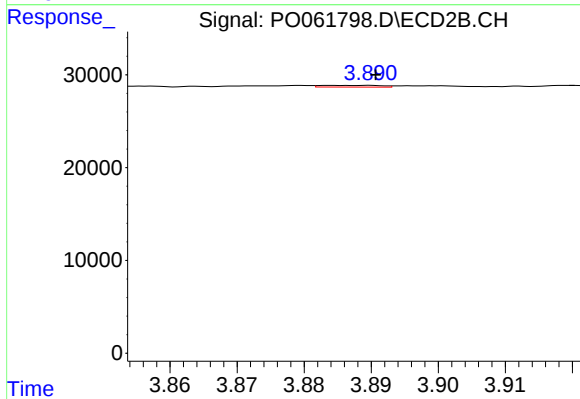
#9 AR-1221-2

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 13202
Conc: 42.81 ng/ml



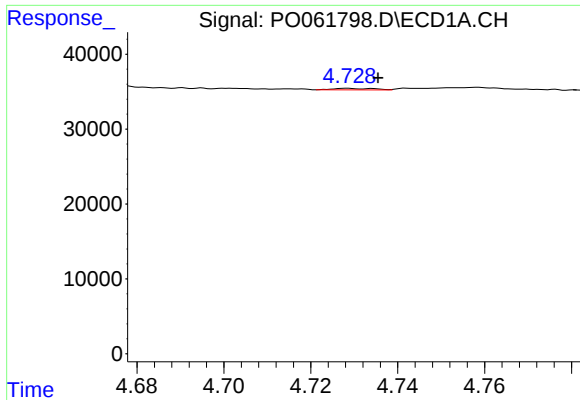
#10 AR-1221-3

R.T.: 4.729 min
Delta R.T.: -0.008 min
Response: 1302
Conc: 1.14 ng/ml



#10 AR-1221-3

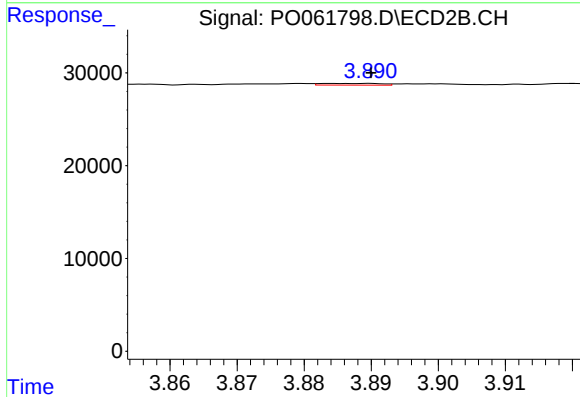
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 1161
Conc: 1.27 ng/ml



#11 AR-1232-1

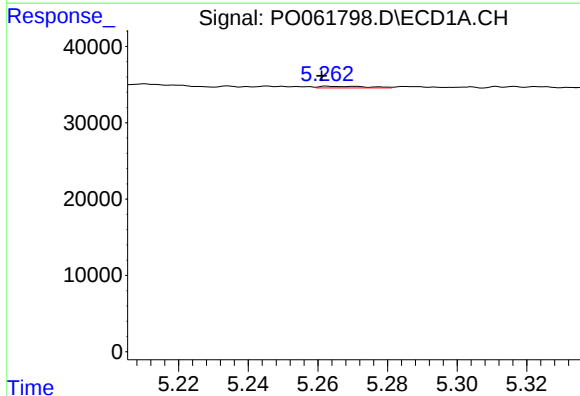
R.T.: 4.729 min
Delta R.T.: -0.007 min
Response: 1302
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



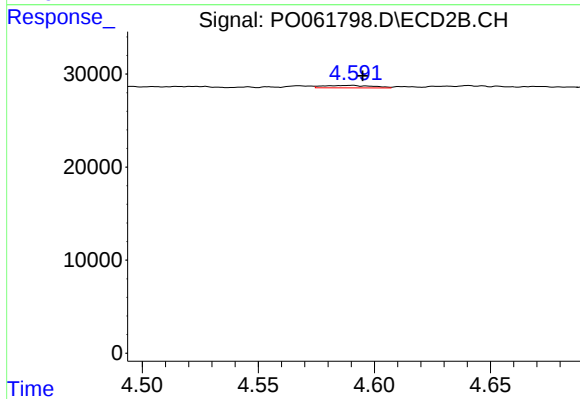
#11 AR-1232-1

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 1161
Conc: 1.03 ng/ml



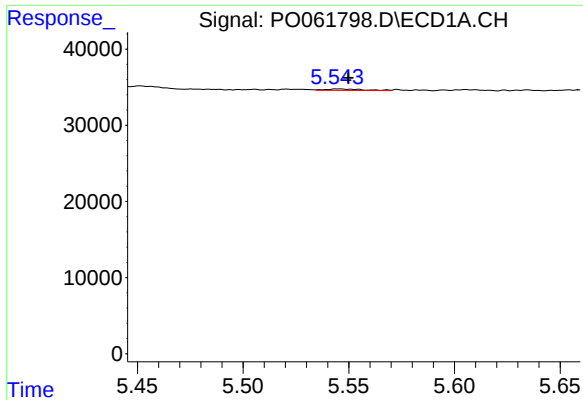
#12 AR-1232-2

R.T.: 5.263 min
Delta R.T.: 0.002 min
Response: 2006
Conc: 2.56 ng/ml



#12 AR-1232-2

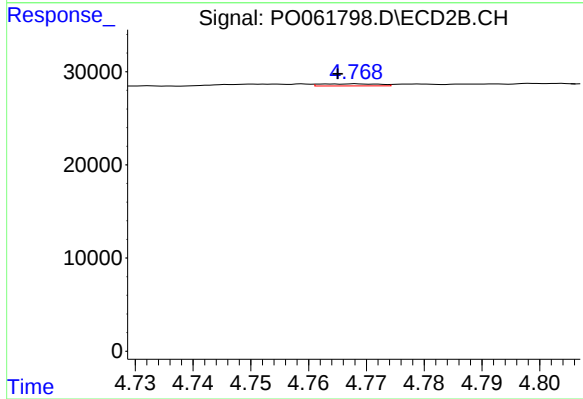
R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 3723
Conc: 3.05 ng/ml



#13 AR-1232-3

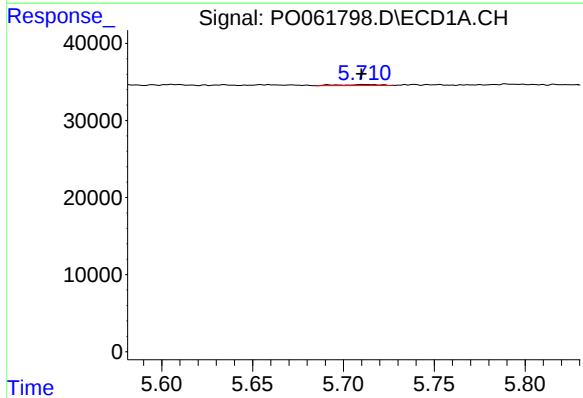
R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 2231
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



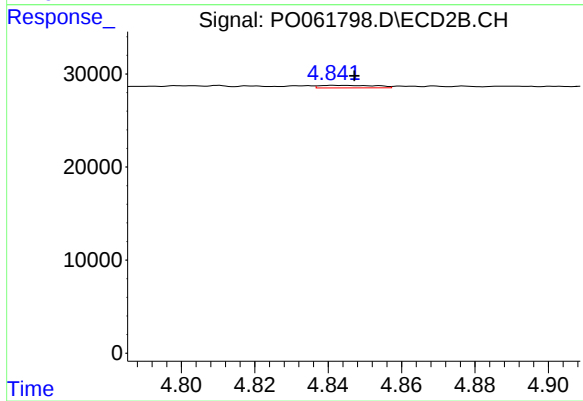
#13 AR-1232-3

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 1549
Conc: 2.35 ng/ml



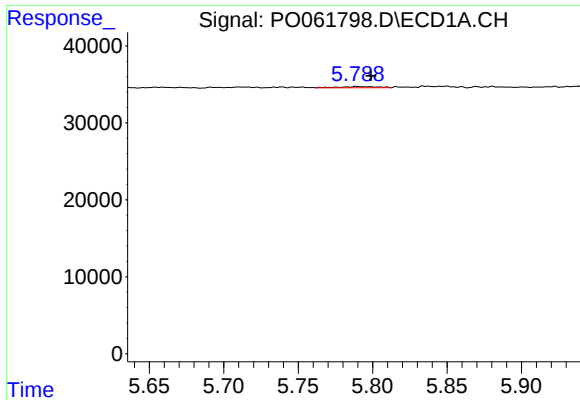
#14 AR-1232-4

R.T.: 5.711 min
Delta R.T.: 0.001 min
Response: 2322
Conc: 2.62 ng/ml



#14 AR-1232-4

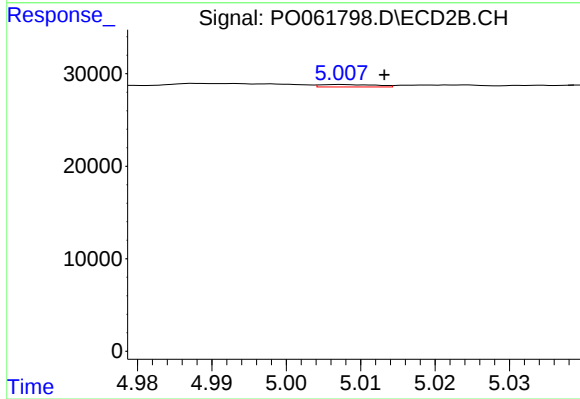
R.T.: 4.841 min
Delta R.T.: -0.006 min
Response: 2955
Conc: 4.69 ng/ml



#15 AR-1232-5

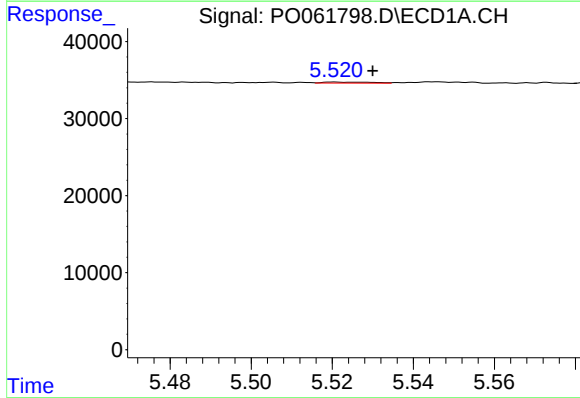
R.T.: 5.789 min
Delta R.T.: -0.010 min
Response: 2906
Conc: 4.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



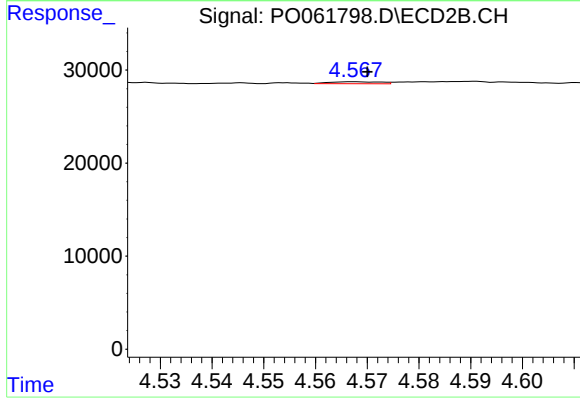
#15 AR-1232-5

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 1334
Conc: 1.94 ng/ml



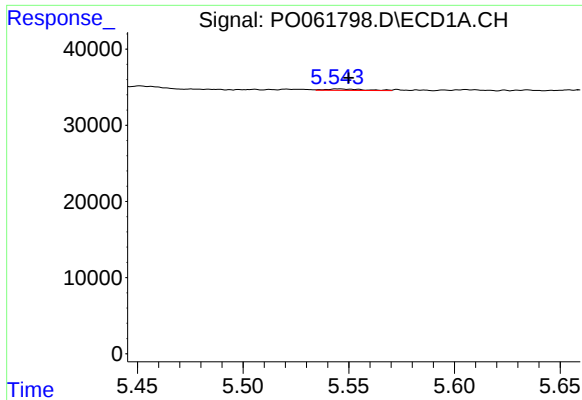
#16 AR-1242-1

R.T.: 5.521 min
Delta R.T.: -0.009 min
Response: 1105
Conc: 0.78 ng/ml



#16 AR-1242-1

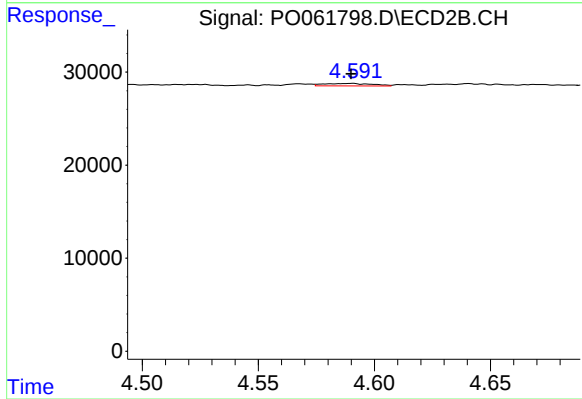
R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 1396
Conc: 1.36 ng/ml



#17 AR-1242-2

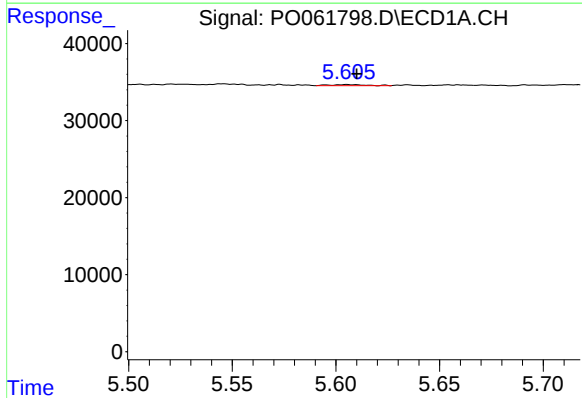
R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 2231
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



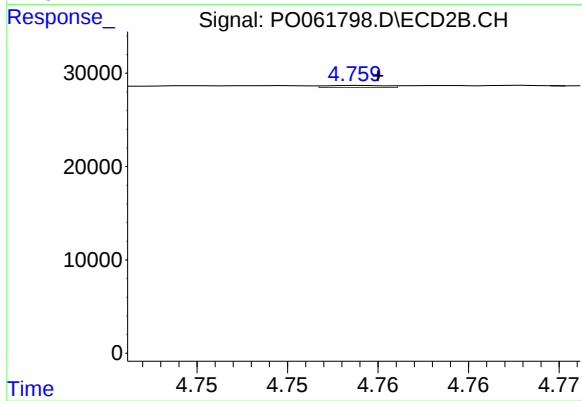
#17 AR-1242-2

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 3723
Conc: 2.64 ng/ml



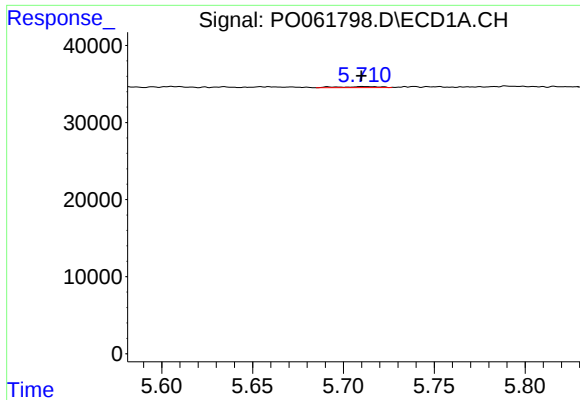
#18 AR-1242-3

R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 1675
Conc: 1.33 ng/ml



#18 AR-1242-3

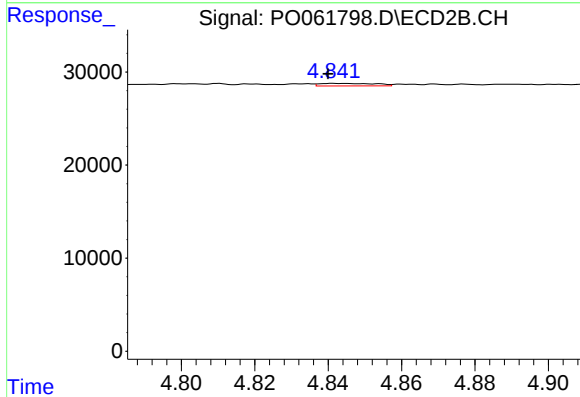
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 511
Conc: 0.65 ng/ml



#19 AR-1242-4

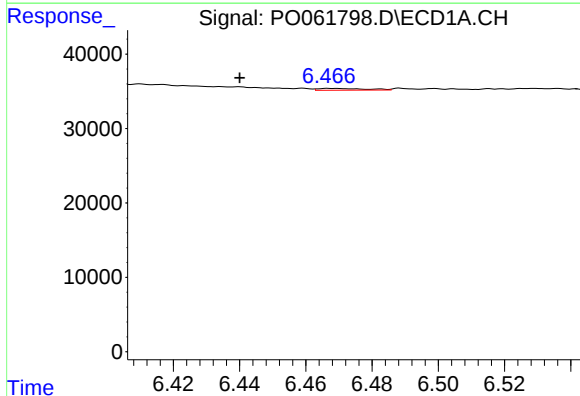
R.T.: 5.711 min
Delta R.T.: 0.001 min
Response: 2322
Conc: 2.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



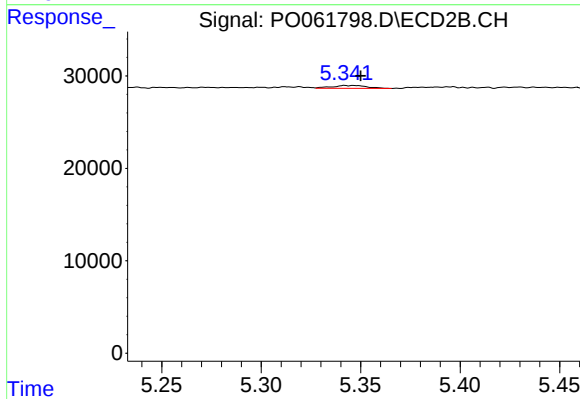
#19 AR-1242-4

R.T.: 4.841 min
Delta R.T.: 0.001 min
Response: 2955
Conc: 3.60 ng/ml



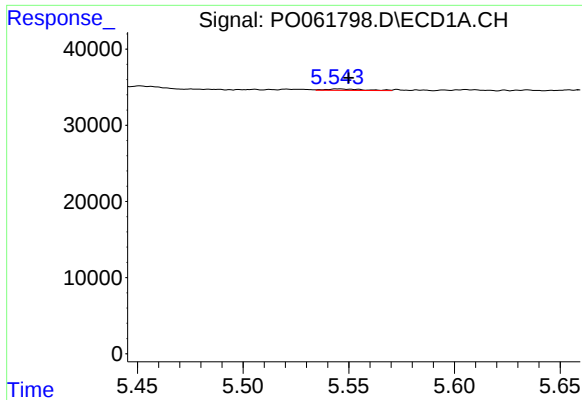
#20 AR-1242-5

R.T.: 6.468 min
Delta R.T.: 0.028 min
Response: 2412
Conc: 1.80 ng/ml



#20 AR-1242-5

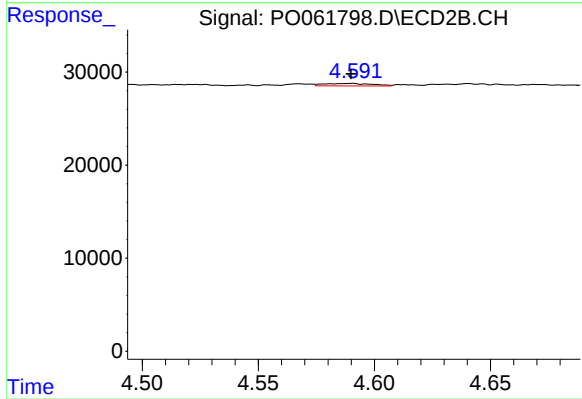
R.T.: 5.342 min
Delta R.T.: -0.008 min
Response: 3770
Conc: 3.52 ng/ml



#21 AR-1248-1

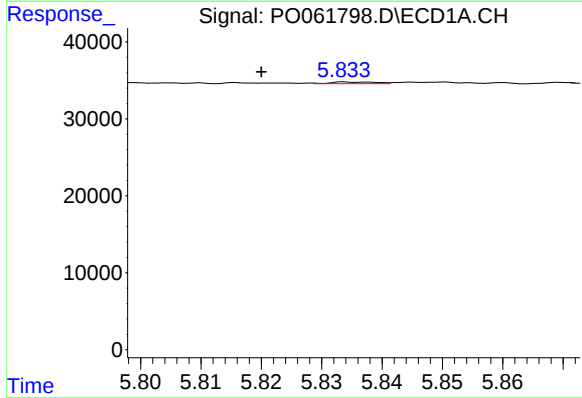
R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 2231
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



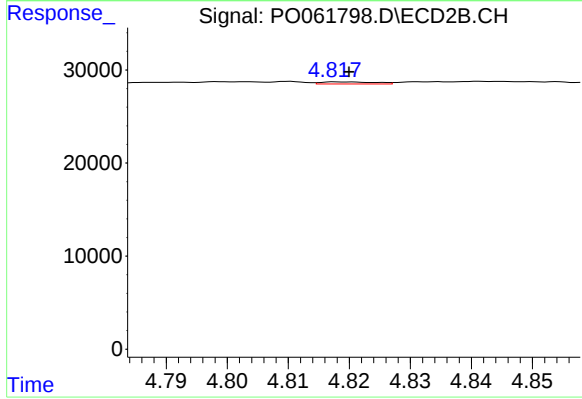
#21 AR-1248-1

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 3723
Conc: 4.16 ng/ml



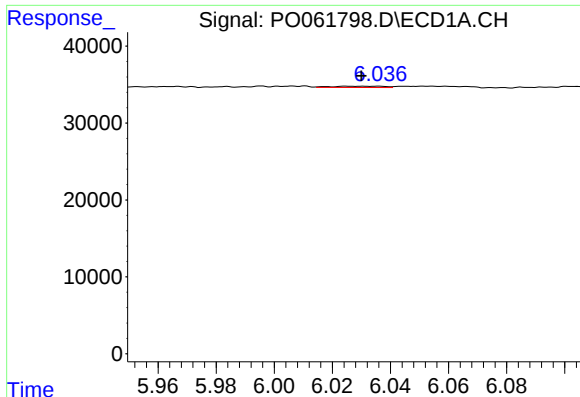
#22 AR-1248-2

R.T.: 5.835 min
Delta R.T.: 0.015 min
Response: 1168
Conc: 0.69 ng/ml



#22 AR-1248-2

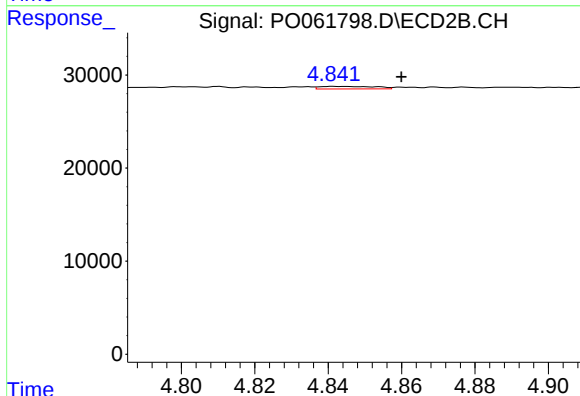
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 1406
Conc: 1.19 ng/ml



#23 AR-1248-3

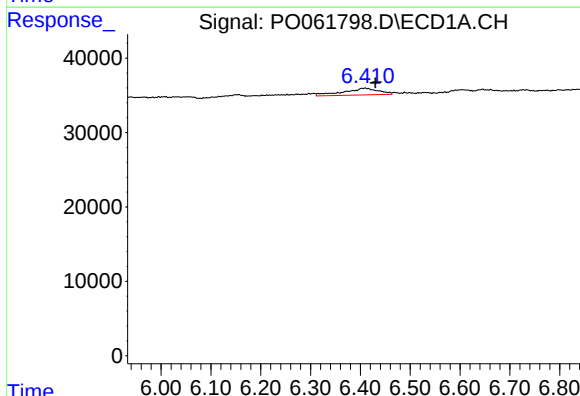
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 2241
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



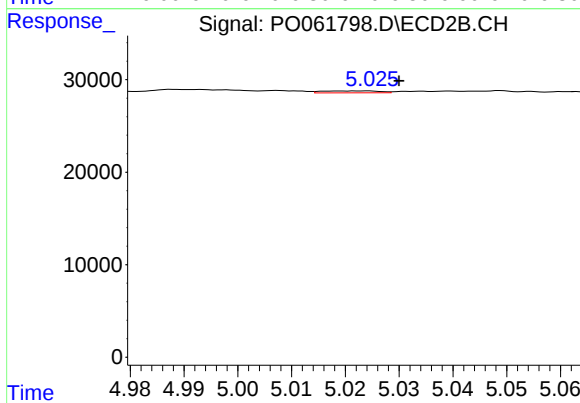
#23 AR-1248-3

R.T.: 4.841 min
Delta R.T.: -0.019 min
Response: 2955
Conc: 2.38 ng/ml



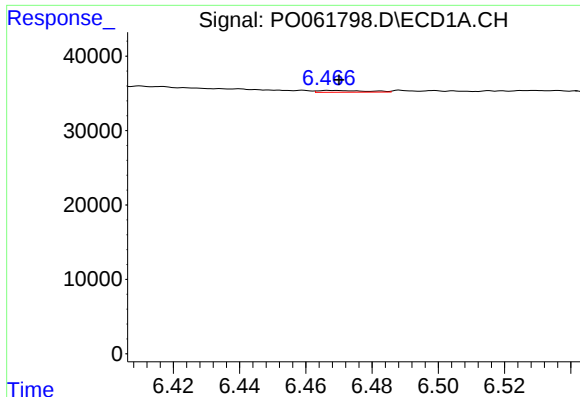
#24 AR-1248-4

R.T.: 6.410 min
Delta R.T.: -0.020 min
Response: 44538
Conc: 18.85 ng/ml



#24 AR-1248-4

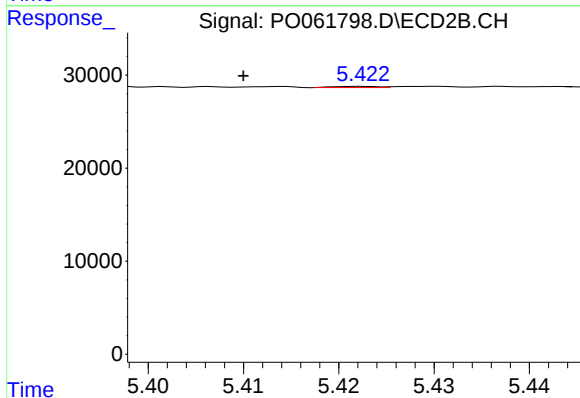
R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 1535
Conc: 1.02 ng/ml



#25 AR-1248-5

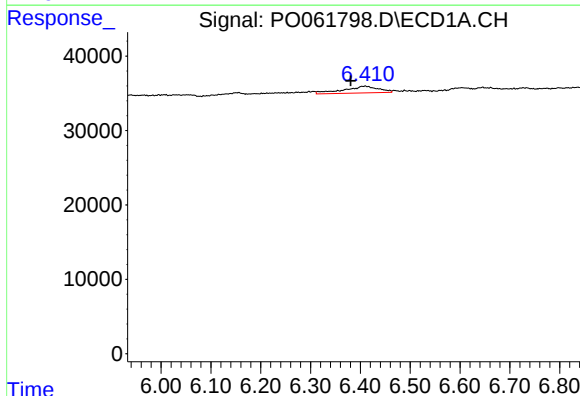
R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 2412
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



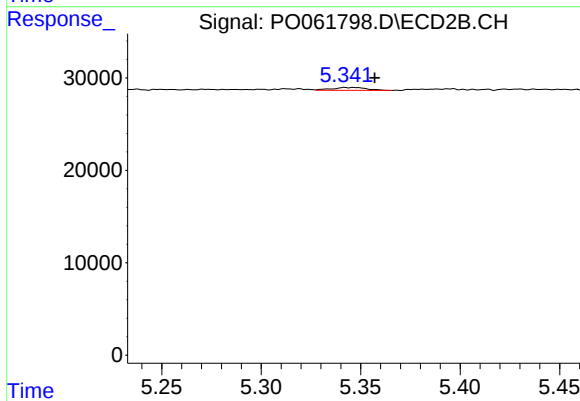
#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.013 min
Response: 414
Conc: 0.27 ng/ml



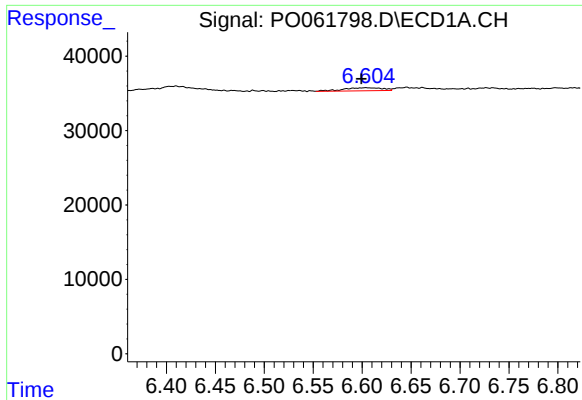
#26 AR-1254-1

R.T.: 6.410 min
Delta R.T.: 0.029 min
Response: 44538
Conc: 19.52 ng/ml



#26 AR-1254-1

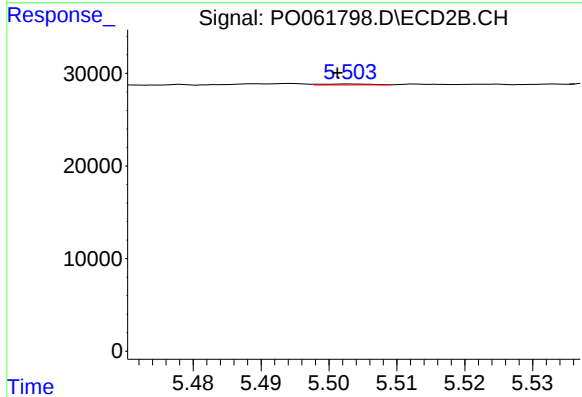
R.T.: 5.342 min
Delta R.T.: -0.015 min
Response: 3770
Conc: 1.72 ng/ml



#27 AR-1254-2

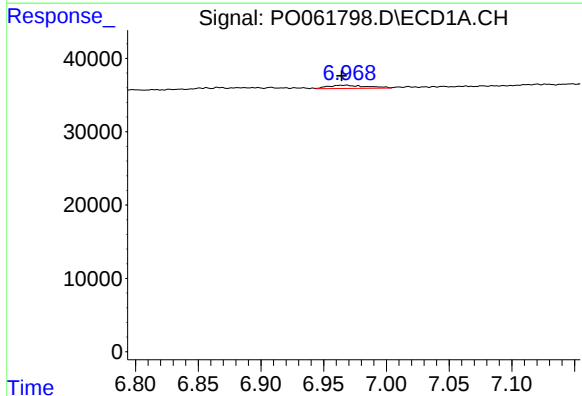
R.T.: 6.604 min
Delta R.T.: 0.005 min
Response: 11582
Conc: 3.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



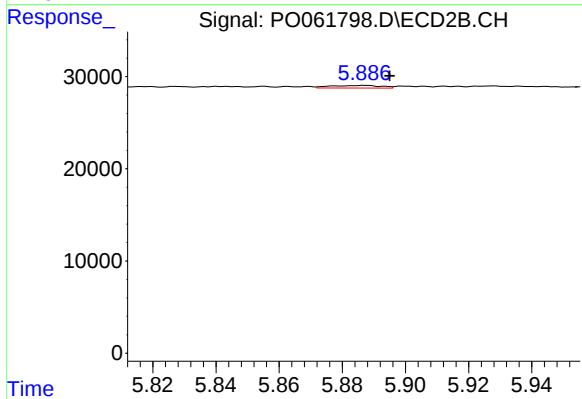
#27 AR-1254-2

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 537
Conc: 0.27 ng/ml



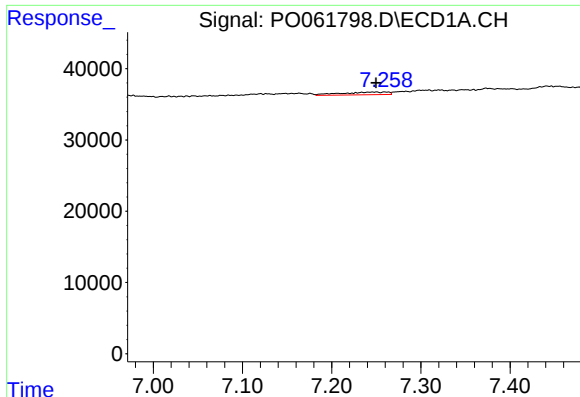
#28 AR-1254-3

R.T.: 6.968 min
Delta R.T.: 0.004 min
Response: 9392
Conc: 2.40 ng/ml



#28 AR-1254-3

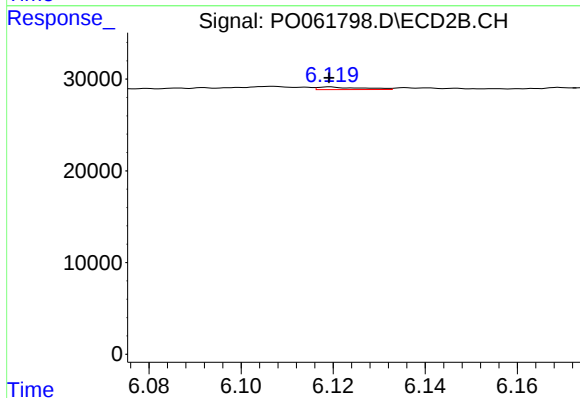
R.T.: 5.887 min
Delta R.T.: -0.008 min
Response: 3156
Conc: 0.99 ng/ml



#29 AR-1254-4

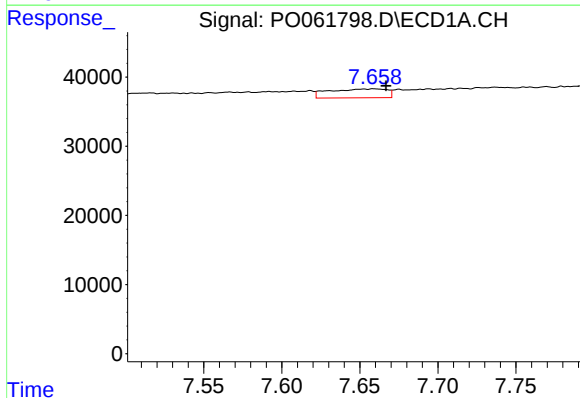
R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 13907
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



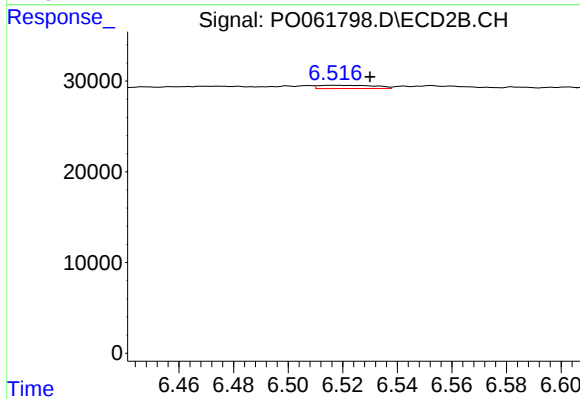
#29 AR-1254-4

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 1852
Conc: 0.91 ng/ml



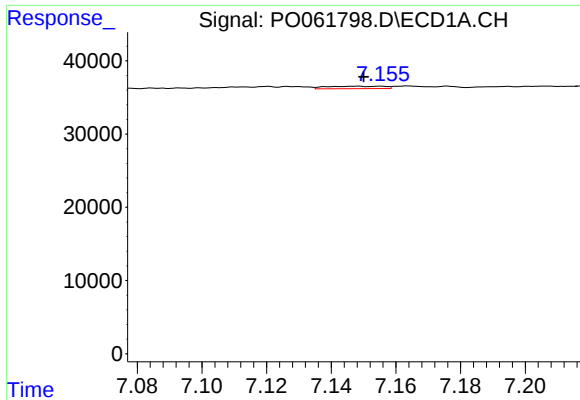
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.008 min
Response: 33030
Conc: 10.52 ng/ml



#30 AR-1254-5

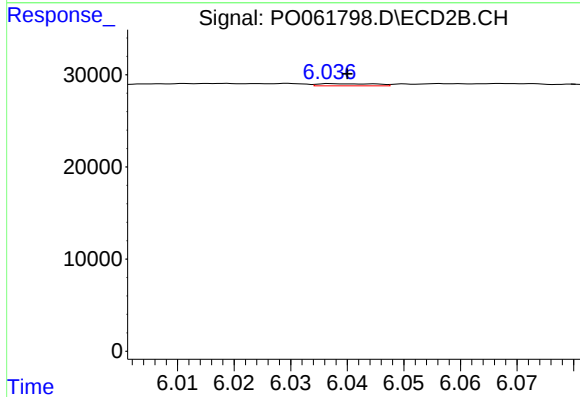
R.T.: 6.517 min
Delta R.T.: -0.013 min
Response: 5093
Conc: 1.80 ng/ml



#31 AR-1260-1

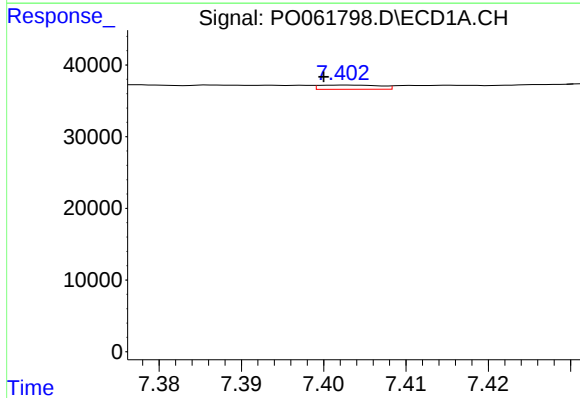
R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 4185
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



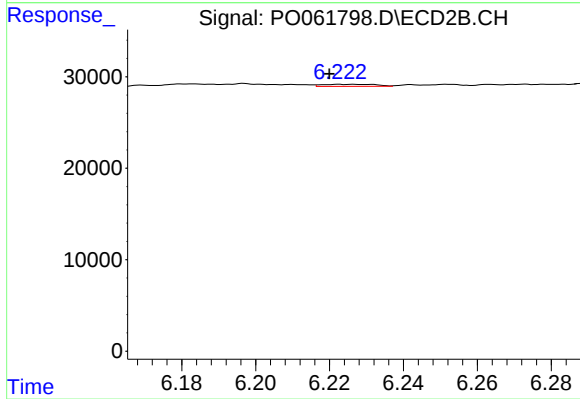
#31 AR-1260-1

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 1662
Conc: 0.81 ng/ml



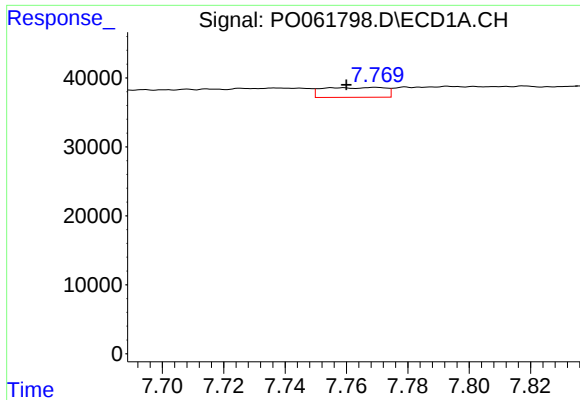
#32 AR-1260-2

R.T.: 7.403 min
Delta R.T.: 0.003 min
Response: 3036
Conc: 0.95 ng/ml



#32 AR-1260-2

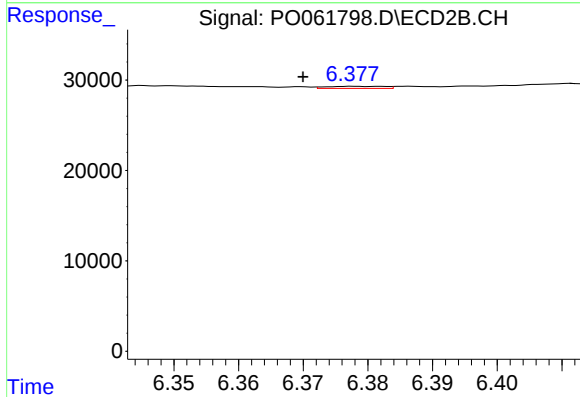
R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 2339
Conc: 0.97 ng/ml



#33 AR-1260-3

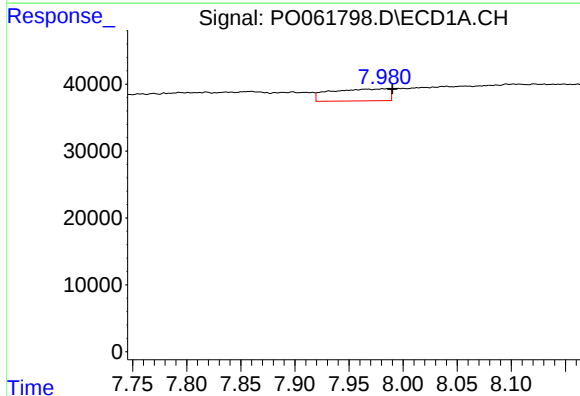
R.T.: 7.769 min
Delta R.T.: 0.009 min
Response: 19983
Conc: 8.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



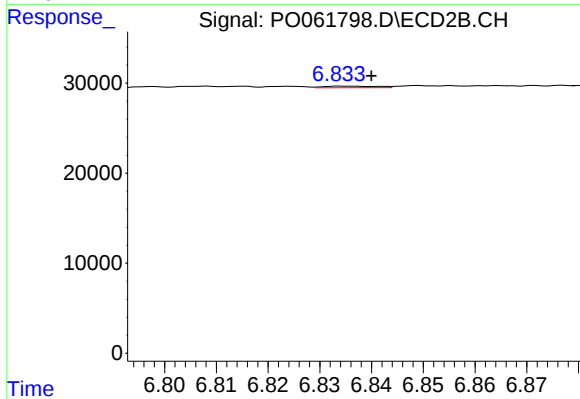
#33 AR-1260-3

R.T.: 6.378 min
Delta R.T.: 0.008 min
Response: 1474
Conc: 0.65 ng/ml



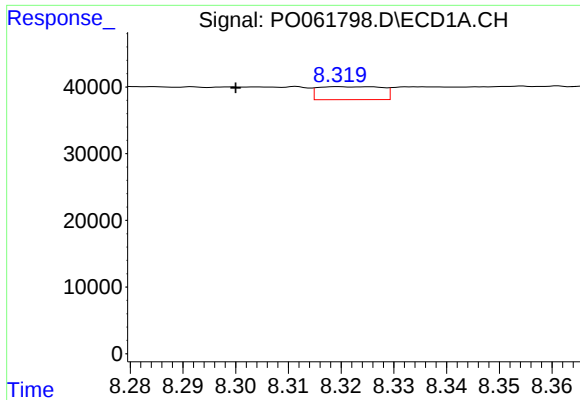
#34 AR-1260-4

R.T.: 7.981 min
Delta R.T.: -0.009 min
Response: 66962
Conc: 25.06 ng/ml



#34 AR-1260-4

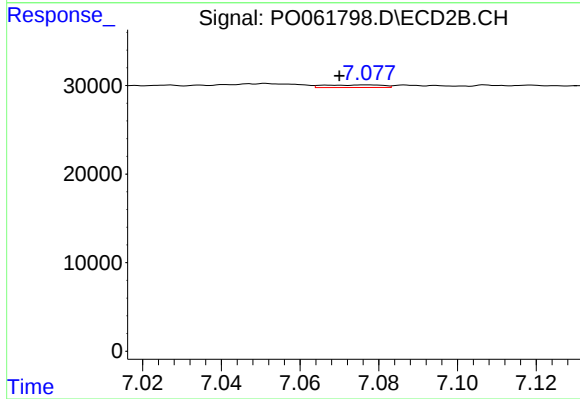
R.T.: 6.834 min
Delta R.T.: -0.006 min
Response: 1365
Conc: 0.74 ng/ml



#35 AR-1260-5

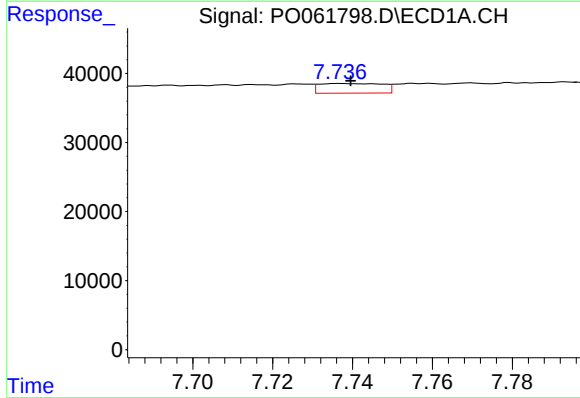
R.T.: 8.320 min
Delta R.T.: 0.020 min
Response: 16400
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



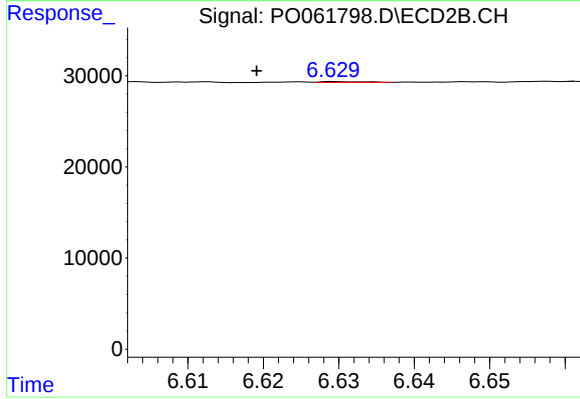
#35 AR-1260-5

R.T.: 7.077 min
Delta R.T.: 0.007 min
Response: 2990
Conc: 0.77 ng/ml



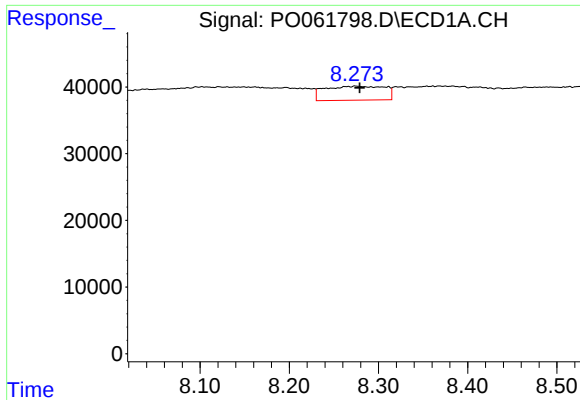
#36 AR-1262-1

R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 15319
Conc: 4.00 ng/ml



#36 AR-1262-1

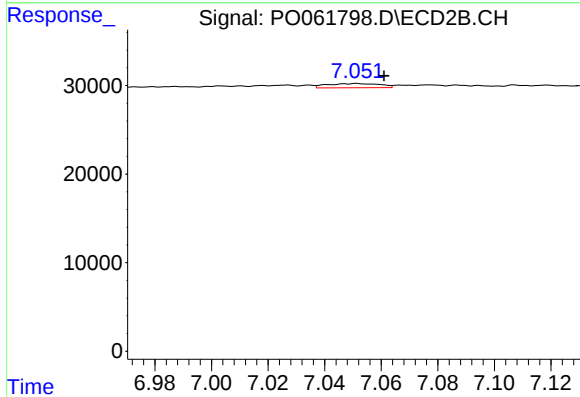
R.T.: 6.630 min
Delta R.T.: 0.010 min
Response: 372
Conc: 0.30 ng/ml



#37 AR-1262-2

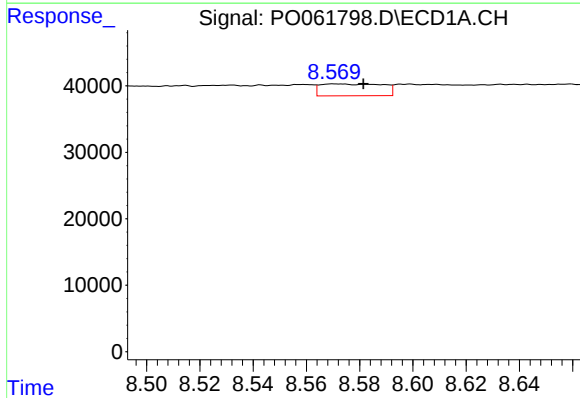
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 98316
Conc: 15.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



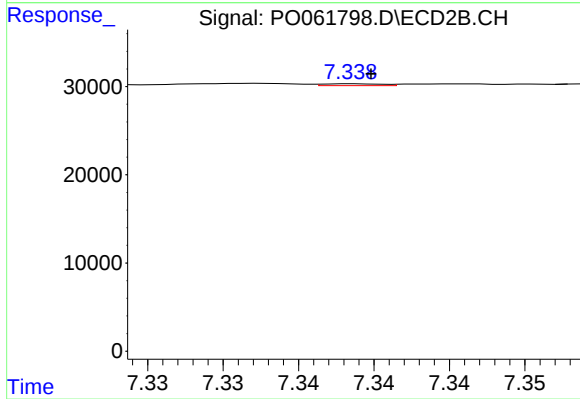
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: -0.010 min
Response: 6159
Conc: 1.34 ng/ml



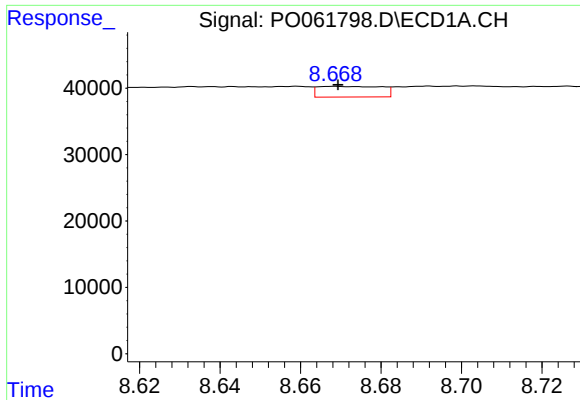
#38 AR-1262-3

R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 29155
Conc: 7.01 ng/ml



#38 AR-1262-3

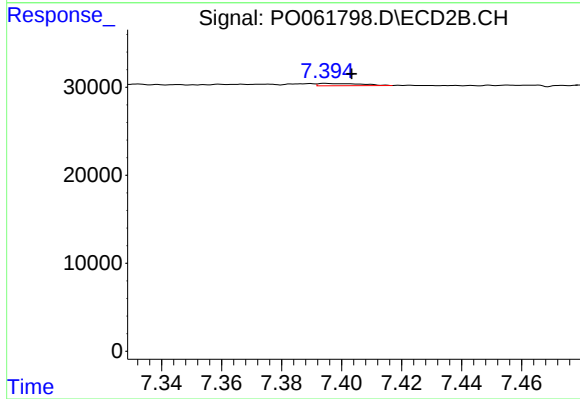
R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 589
Conc: 0.31 ng/ml



#39 AR-1262-4

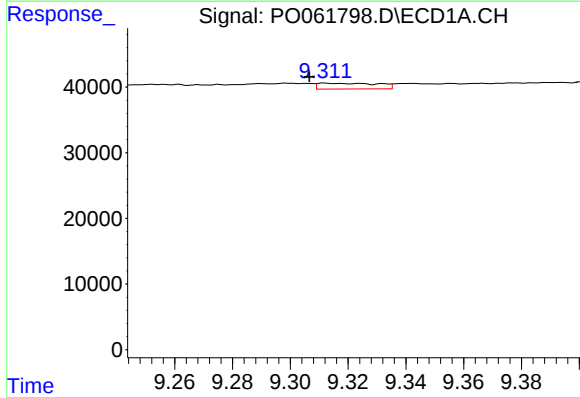
R.T.: 8.668 min
Delta R.T.: -0.001 min
Response: 17576
Conc: 5.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



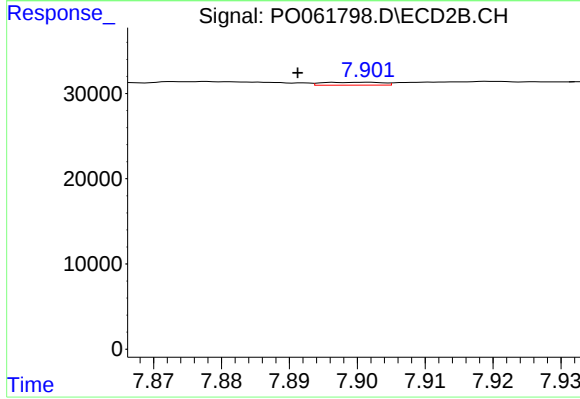
#39 AR-1262-4

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 2549
Conc: 0.76 ng/ml



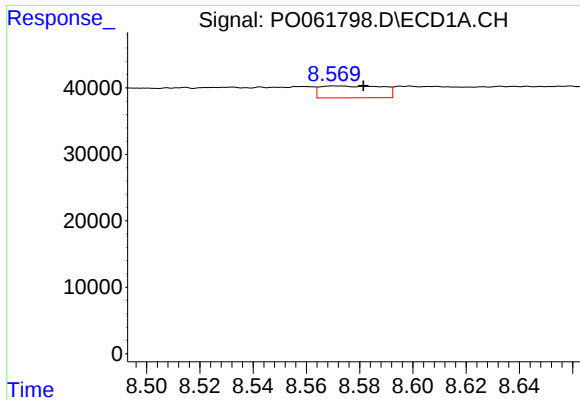
#40 AR-1262-5

R.T.: 9.312 min
Delta R.T.: 0.005 min
Response: 12733
Conc: 6.26 ng/ml



#40 AR-1262-5

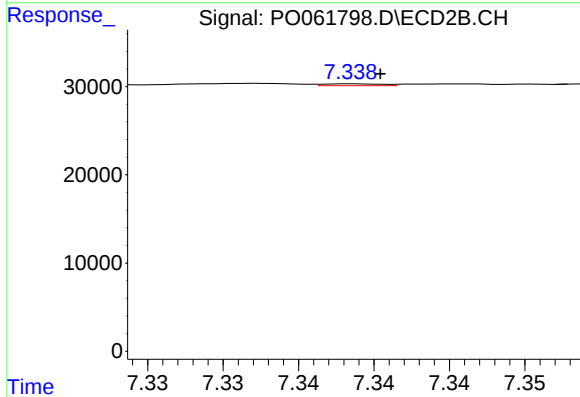
R.T.: 7.902 min
Delta R.T.: 0.010 min
Response: 2084
Conc: 1.37 ng/ml



#41 AR-1268-1

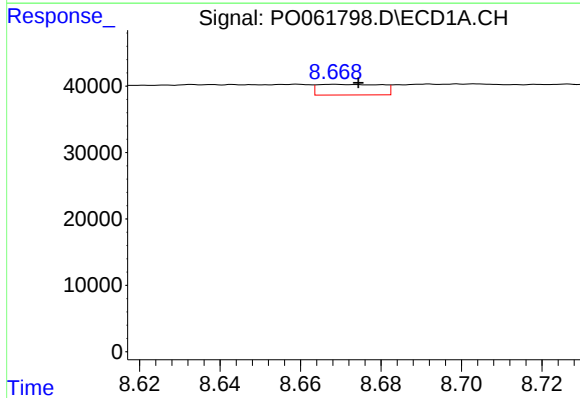
R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 29155
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



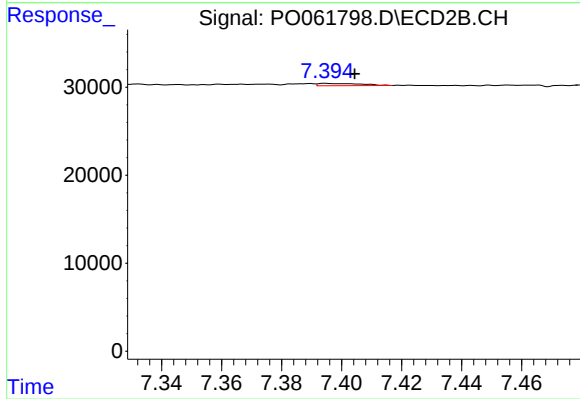
#41 AR-1268-1

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 589
Conc: 0.12 ng/ml



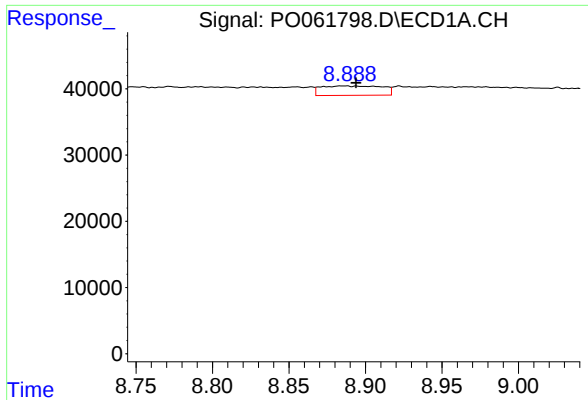
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: -0.006 min
Response: 17576
Conc: 2.84 ng/ml



#42 AR-1268-2

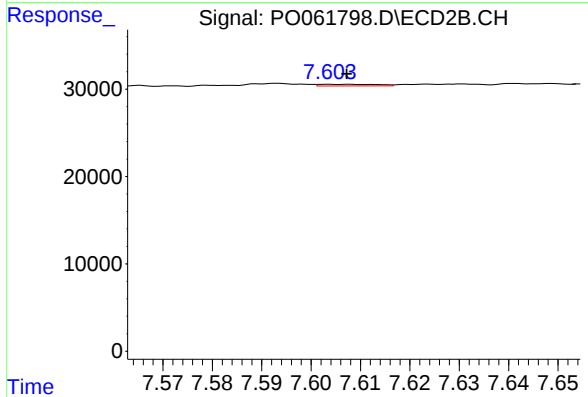
R.T.: 7.395 min
Delta R.T.: -0.010 min
Response: 2549
Conc: 0.59 ng/ml



#43 AR-1268-3

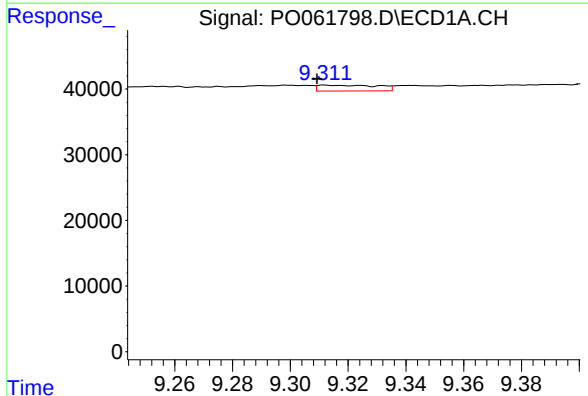
R.T.: 8.887 min
Delta R.T.: -0.007 min
Response: 39702
Conc: 7.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



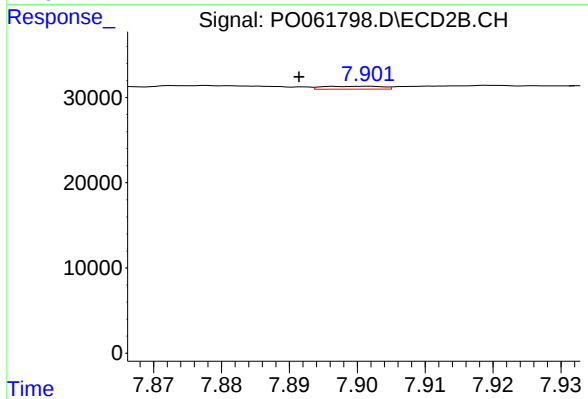
#43 AR-1268-3

R.T.: 7.604 min
Delta R.T.: -0.004 min
Response: 1524
Conc: 0.43 ng/ml



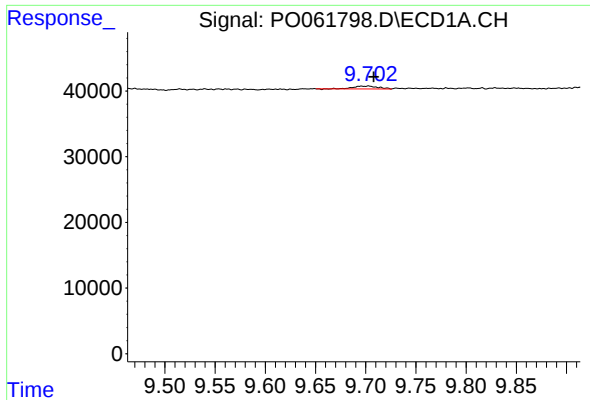
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: 0.003 min
Response: 12733
Conc: 5.82 ng/ml



#44 AR-1268-4

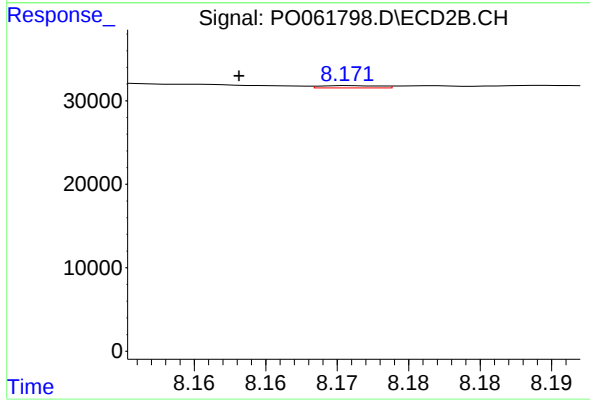
R.T.: 7.902 min
Delta R.T.: 0.010 min
Response: 2084
Conc: 1.29 ng/ml



#45 AR-1268-5

R.T.: 9.703 min
Delta R.T.: -0.005 min
Response: 7219
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.171 min
Delta R.T.: 0.008 min
Response: 786
Conc: 0.08 ng/ml