

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100919\
 Data File : PO061838.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2019 18:20
 Operator : HP/AJ
 Sample : K5285-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-1-D

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:14:39 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...	4.352	3.513	953831	674589	23.256	20.860
2)	SA Decachlor...	10.009	8.372	903871	587744	19.408	18.154
Target Compounds							
3)	L1 AR-1016-1	5.515	4.585	1680	2032	0.916	1.511 #
4)	L1 AR-1016-2	5.615	4.627	976	840	0.378	0.453
5)	L1 AR-1016-3	5.647	4.774	5703	1239	3.550	1.237 #
6)	L1 AR-1016-4	5.715	4.822	1777	2003	1.329	2.311 #
7)	L1 AR-1016-5	5.989	5.036	26966	3286	19.663	2.879 #
8)	L2 AR-1221-1	4.533	3.722	825	1590	1.785	4.016 #
9)	L2 AR-1221-2	4.656	3.801	17185	14254	47.867	46.220
10)	L2 AR-1221-3	4.752	3.875	7026	502	6.171	0.550 #
11)	L3 AR-1232-1	4.752	3.875	7026	502	5.024	0.447 #
12)	L3 AR-1232-2	5.255	4.585	2579	2032	3.287	1.665 #
13)	L3 AR-1232-3	5.515	4.765	1680	1978	0.983	2.996 #
14)	L3 AR-1232-4	5.715	4.855	1777	5196	2.009	8.243 #
15)	L3 AR-1232-5	5.793	5.007	3314	3002	4.779	4.375
16)	L4 AR-1242-1	5.515	4.572	1680	1375	1.183	1.342
17)	L4 AR-1242-2	5.515	4.585	1680	2032	0.836	1.441 #
18)	L4 AR-1242-3	5.615	4.757	976	1497	0.773	1.918 #
19)	L4 AR-1242-4	5.715	4.827	1777	4163	1.691	5.073 #
20)	L4 AR-1242-5	6.401	5.338	44987	4550	33.635	4.248 #
21)	L5 AR-1248-1	5.515	4.585	1680	2032	1.430	2.271 #
22)	L5 AR-1248-2	5.816	4.822	2583	2003	1.531	1.700
23)	L5 AR-1248-3	5.989	4.861	26966	3290	14.429	2.651 #
24)	L5 AR-1248-4	6.401	5.036	44987	3286	19.039	2.186 #
25)	L5 AR-1248-5	6.521	5.382	3846	1700	1.696	1.108 #
26)	L6 AR-1254-1	6.401	5.338	44987	4550	19.719	2.075 #
27)	L6 AR-1254-2	6.589	5.485	6109	1724	1.691	0.879 #
28)	L6 AR-1254-3	6.960	5.896	15885	1411	4.065	0.443 #
29)	L6 AR-1254-4	7.256	6.107	1447	1548	0.478	0.763 #
30)	L6 AR-1254-5	7.653	6.540	28014	375	8.920	0.133 #
31)	L7 AR-1260-1	7.151	6.041	2878	1012	1.102	0.496 #
32)	L7 AR-1260-2	7.405	6.223	1779	1361	0.558	0.567
33)	L7 AR-1260-3	7.741	6.374	8644	716	3.599	0.318 #
34)	L7 AR-1260-4	8.009	6.840	38716	6033	14.489	3.268 #
35)	L7 AR-1260-5	8.298	7.066	19595	2842	3.960	0.730 #
36)	L8 AR-1262-1	7.741	6.648	8644	390	2.256	0.320 #
37)	L8 AR-1262-2	8.287	7.066	12395	2842	1.997	0.618 #
38)	L8 AR-1262-3	8.581	7.343	80060	631	19.262	0.335 #
39)	L8 AR-1262-4	8.663	7.384	27782	6788	8.800	2.020 #
40)	L8 AR-1262-5	9.316	7.893	4987	273	2.452	0.180 #
41)	L9 AR-1268-1	8.581	7.343	80060	631	11.906	0.131 #

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Acq On : 09 Oct 2019 18:20
Operator : HP/AJ
Sample : K5285-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

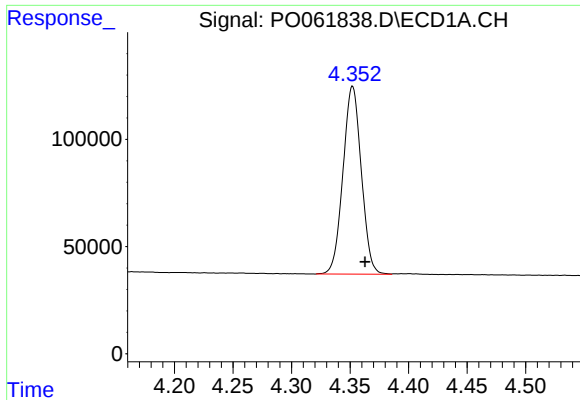
Instrument :
ECD_O
ClientSampleId :
TP-1-D

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:14:39 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
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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
42)	L9 AR-1268-2	8.663	7.384	27782	6788	4.486	1.575 #
43)	L9 AR-1268-3	8.873	7.607	58142	1025	11.374	0.286 #
44)	L9 AR-1268-4	9.316	7.893	4987	273	2.281	0.170 #
45)	L9 AR-1268-5	9.683	8.162	9185	1774	0.611	0.176 #

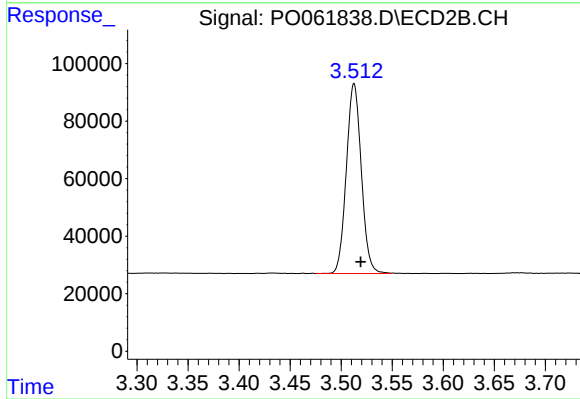
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

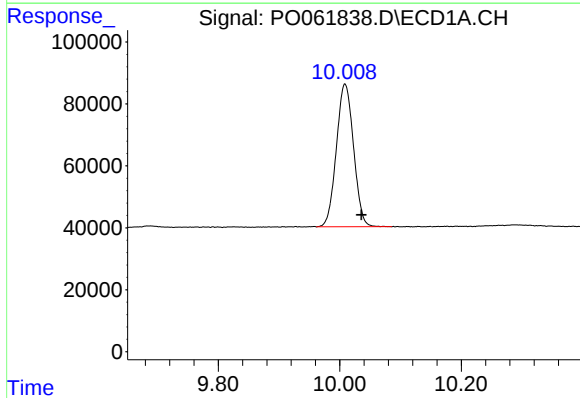
R.T.: 4.352 min
Delta R.T.: -0.011 min
Response: 953831
Conc: 23.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



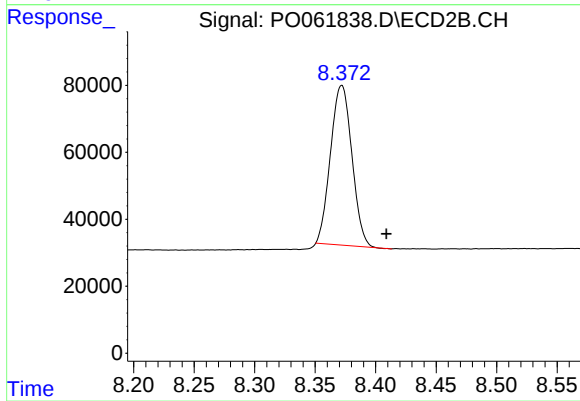
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.006 min
Response: 674589
Conc: 20.86 ng/ml



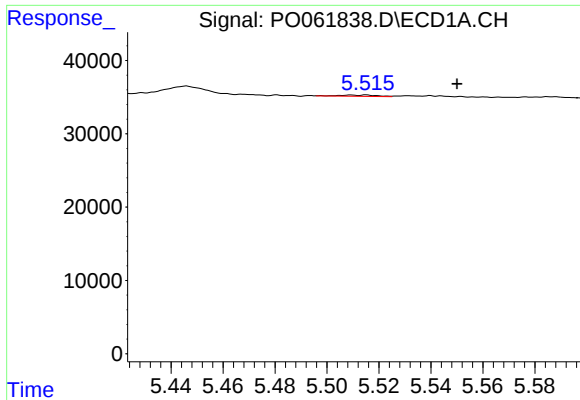
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.027 min
Response: 903871
Conc: 19.41 ng/ml



#2 Decachlorobiphenyl

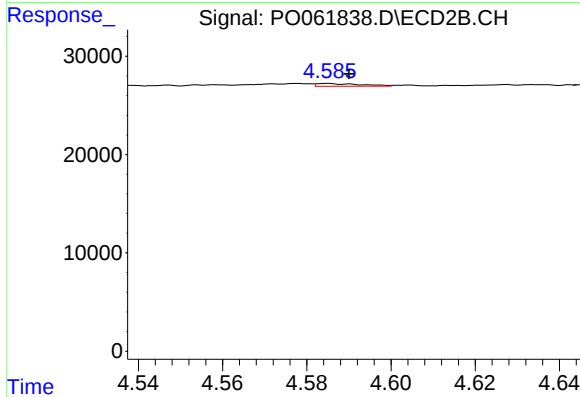
R.T.: 8.372 min
Delta R.T.: -0.037 min
Response: 587744
Conc: 18.15 ng/ml



#3 AR-1016-1

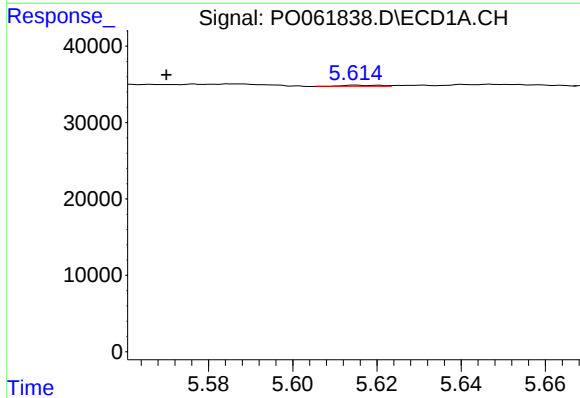
R.T.: 5.515 min
Delta R.T.: -0.035 min
Response: 1680
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



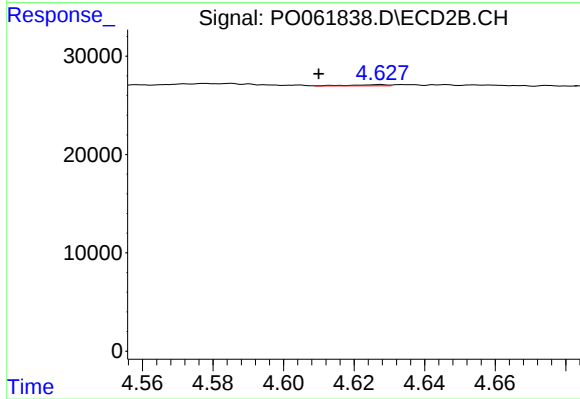
#3 AR-1016-1

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 2032
Conc: 1.51 ng/ml



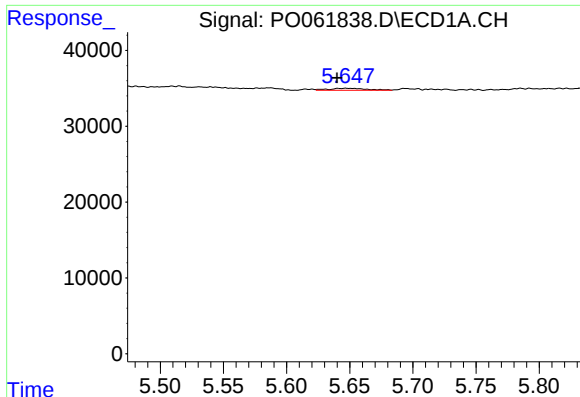
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.045 min
Response: 976
Conc: 0.38 ng/ml



#4 AR-1016-2

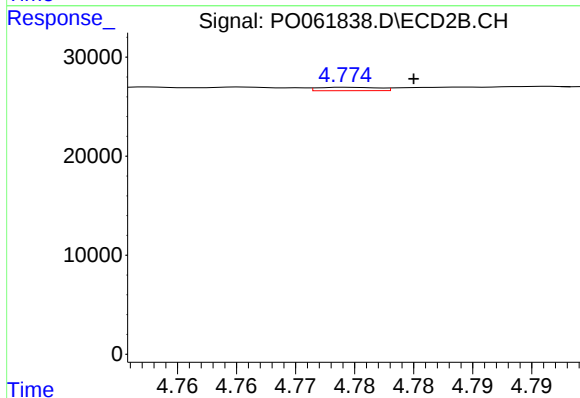
R.T.: 4.627 min
Delta R.T.: 0.017 min
Response: 840
Conc: 0.45 ng/ml



#5 AR-1016-3

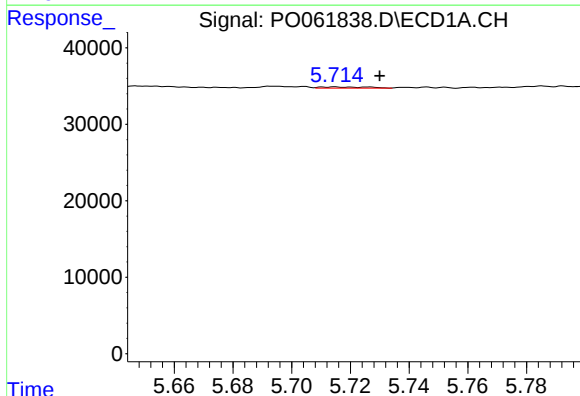
R.T.: 5.647 min
Delta R.T.: 0.007 min
Response: 5703
Conc: 3.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



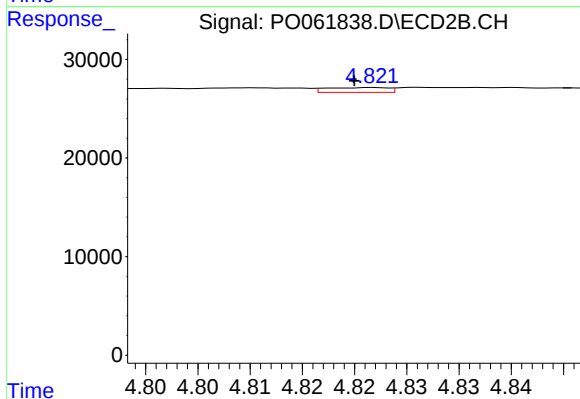
#5 AR-1016-3

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 1239
Conc: 1.24 ng/ml



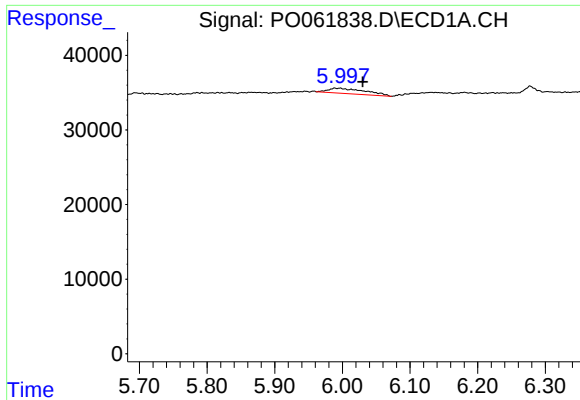
#6 AR-1016-4

R.T.: 5.715 min
Delta R.T.: -0.015 min
Response: 1777
Conc: 1.33 ng/ml



#6 AR-1016-4

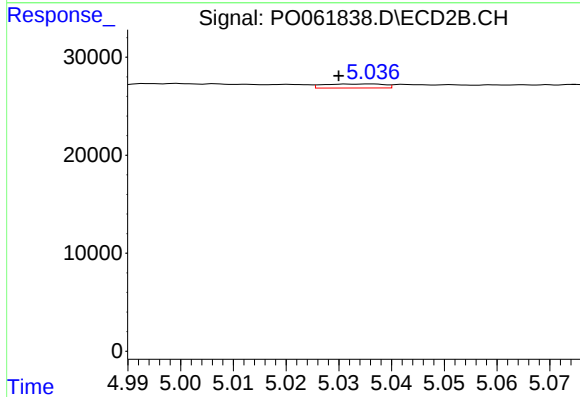
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 2003
Conc: 2.31 ng/ml



#7 AR-1016-5

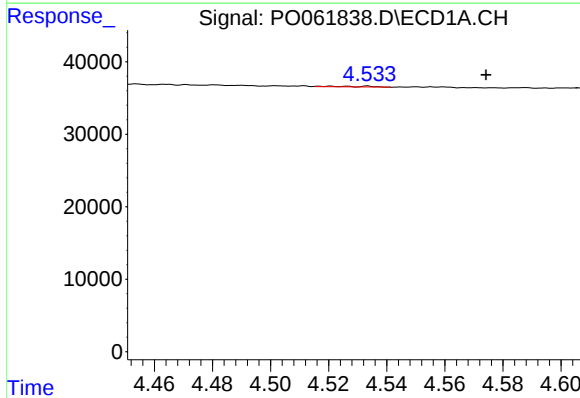
R.T.: 5.989 min
Delta R.T.: -0.041 min
Response: 26966
Conc: 19.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



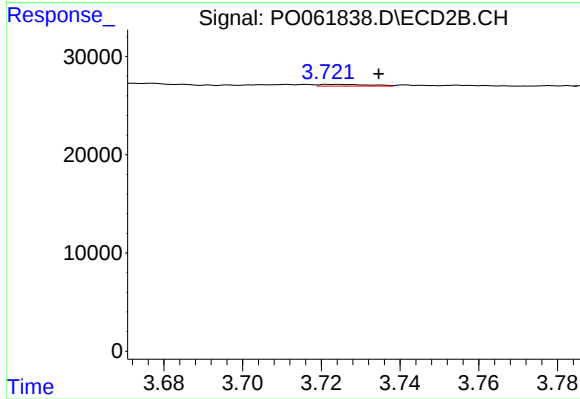
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: 0.006 min
Response: 3286
Conc: 2.88 ng/ml



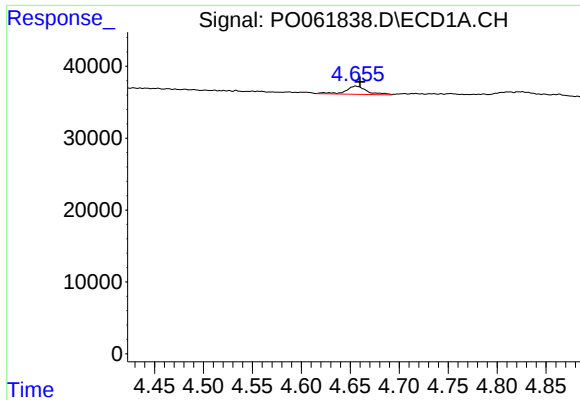
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.041 min
Response: 825
Conc: 1.79 ng/ml



#8 AR-1221-1

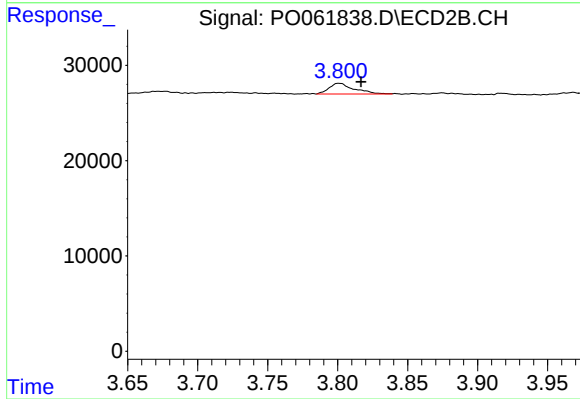
R.T.: 3.722 min
Delta R.T.: -0.013 min
Response: 1590
Conc: 4.02 ng/ml



#9 AR-1221-2

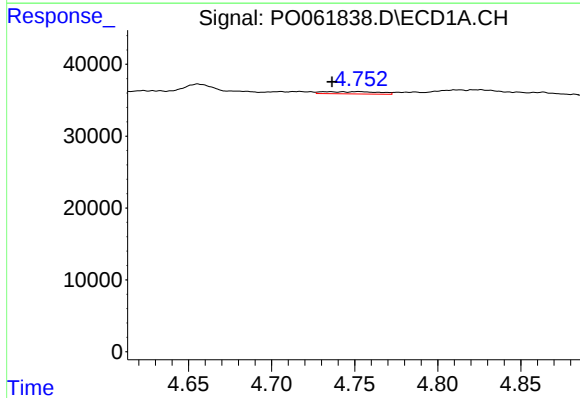
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 17185
Conc: 47.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



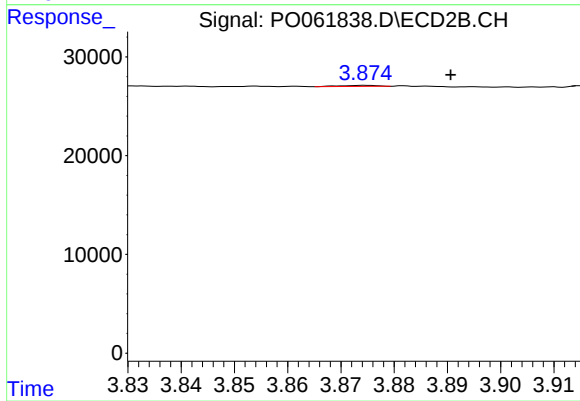
#9 AR-1221-2

R.T.: 3.801 min
Delta R.T.: -0.016 min
Response: 14254
Conc: 46.22 ng/ml



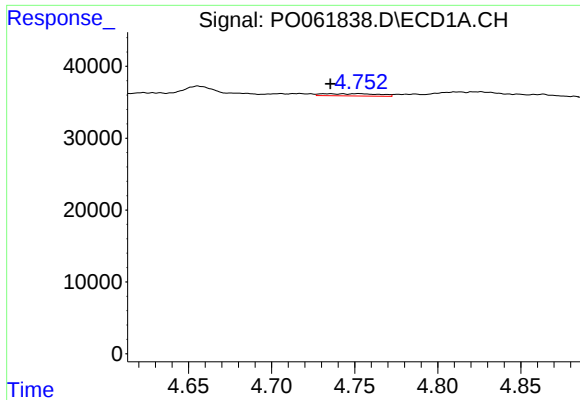
#10 AR-1221-3

R.T.: 4.752 min
Delta R.T.: 0.016 min
Response: 7026
Conc: 6.17 ng/ml



#10 AR-1221-3

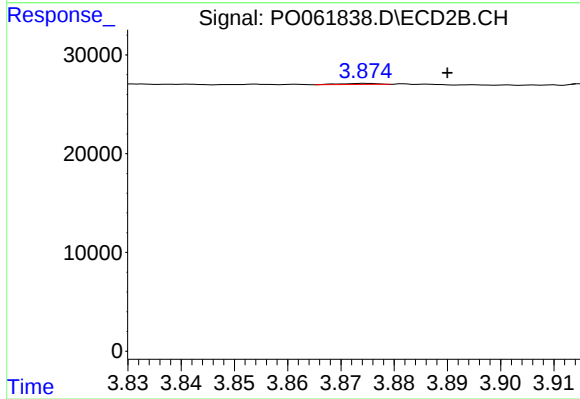
R.T.: 3.875 min
Delta R.T.: -0.016 min
Response: 502
Conc: 0.55 ng/ml



#11 AR-1232-1

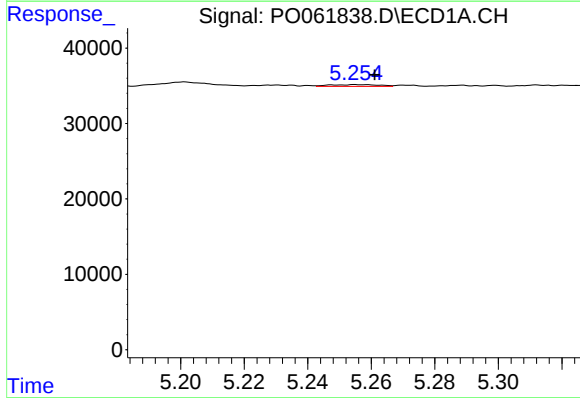
R.T.: 4.752 min
Delta R.T.: 0.017 min
Response: 7026
Conc: 5.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



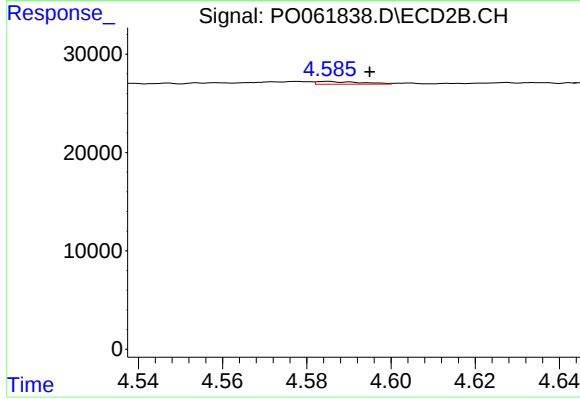
#11 AR-1232-1

R.T.: 3.875 min
Delta R.T.: -0.015 min
Response: 502
Conc: 0.45 ng/ml



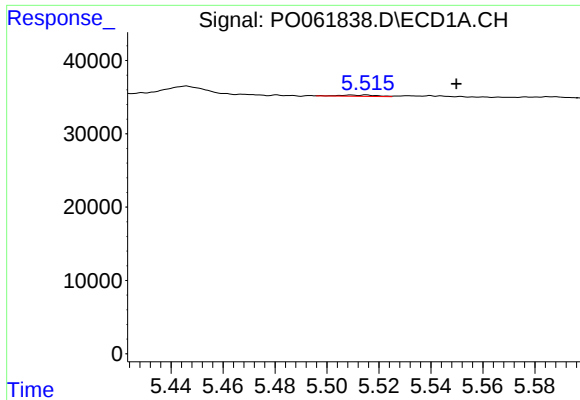
#12 AR-1232-2

R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 2579
Conc: 3.29 ng/ml



#12 AR-1232-2

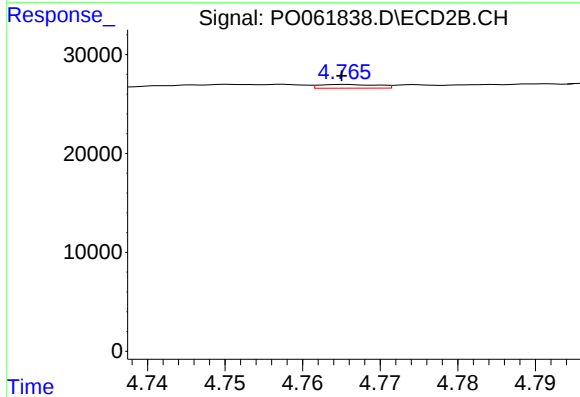
R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 2032
Conc: 1.66 ng/ml



#13 AR-1232-3

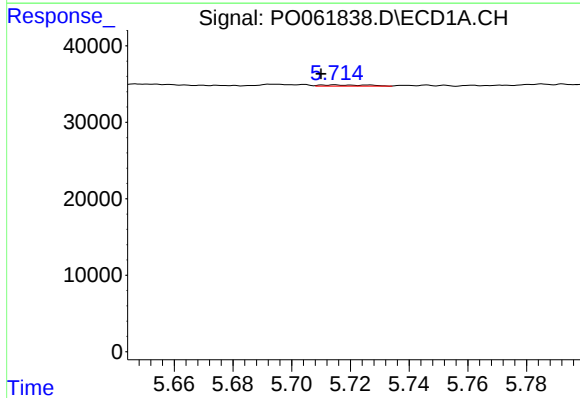
R.T.: 5.515 min
Delta R.T.: -0.035 min
Response: 1680
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



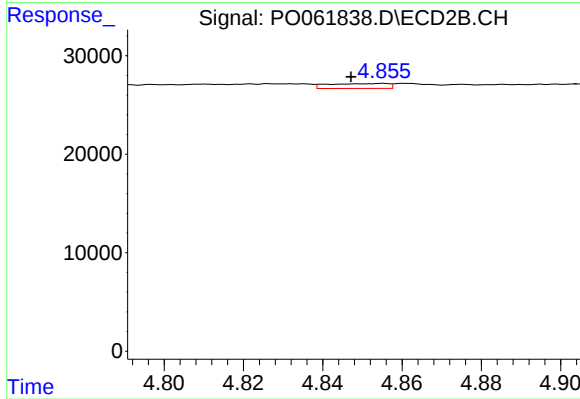
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 1978
Conc: 3.00 ng/ml



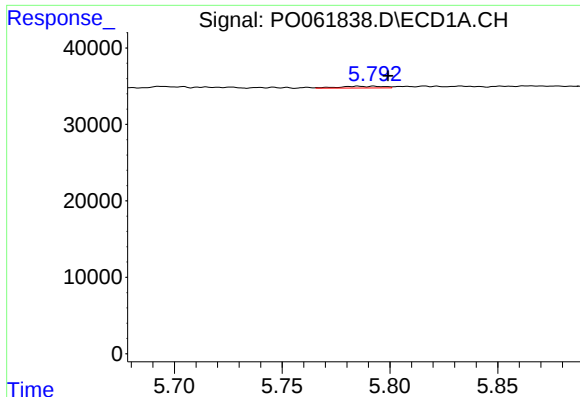
#14 AR-1232-4

R.T.: 5.715 min
Delta R.T.: 0.005 min
Response: 1777
Conc: 2.01 ng/ml



#14 AR-1232-4

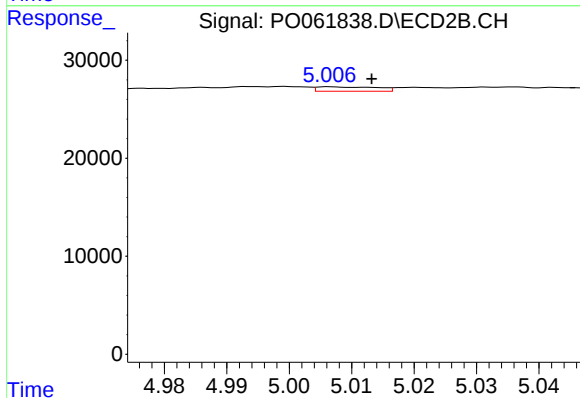
R.T.: 4.855 min
Delta R.T.: 0.008 min
Response: 5196
Conc: 8.24 ng/ml



#15 AR-1232-5

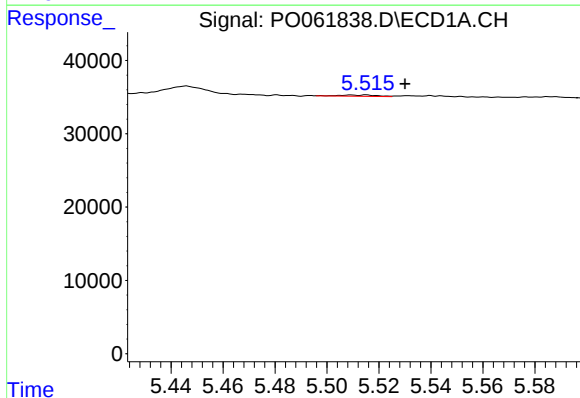
R.T.: 5.793 min
Delta R.T.: -0.006 min
Response: 3314
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



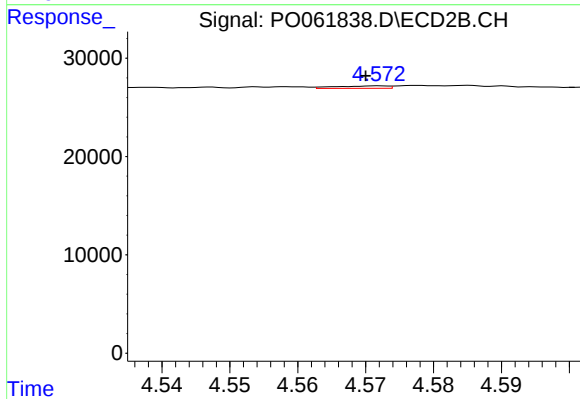
#15 AR-1232-5

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 3002
Conc: 4.38 ng/ml



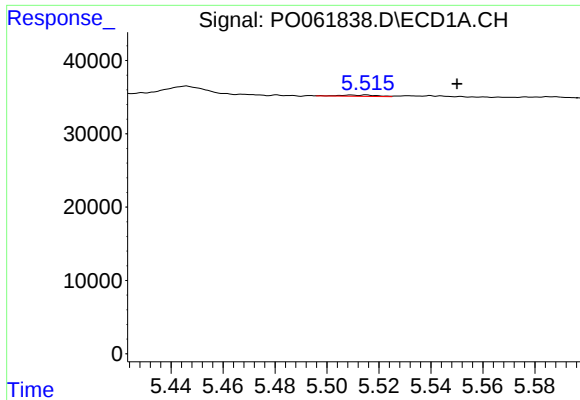
#16 AR-1242-1

R.T.: 5.515 min
Delta R.T.: -0.015 min
Response: 1680
Conc: 1.18 ng/ml



#16 AR-1242-1

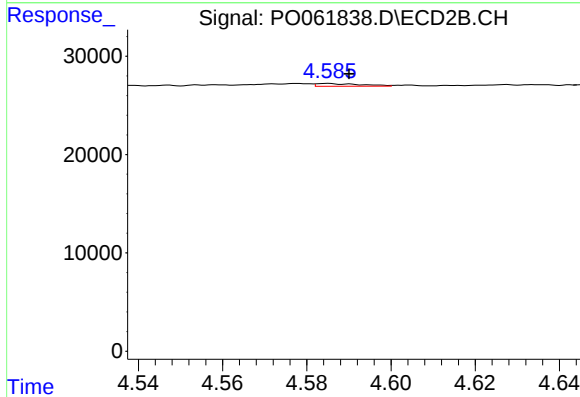
R.T.: 4.572 min
Delta R.T.: 0.002 min
Response: 1375
Conc: 1.34 ng/ml



#17 AR-1242-2

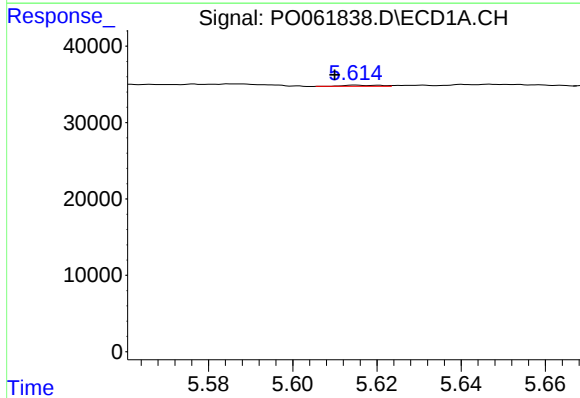
R.T.: 5.515 min
Delta R.T.: -0.035 min
Response: 1680
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



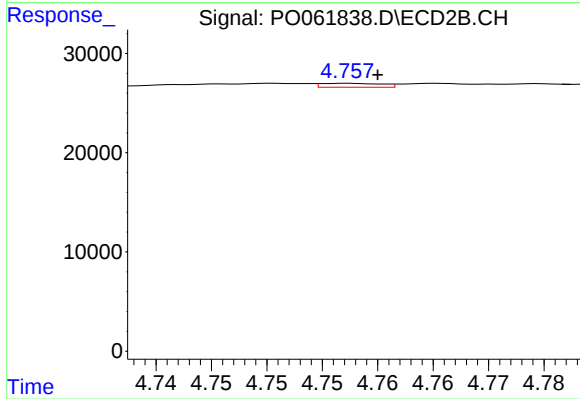
#17 AR-1242-2

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 2032
Conc: 1.44 ng/ml



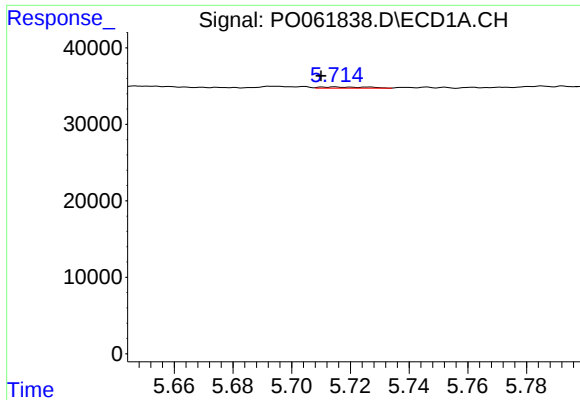
#18 AR-1242-3

R.T.: 5.615 min
Delta R.T.: 0.005 min
Response: 976
Conc: 0.77 ng/ml



#18 AR-1242-3

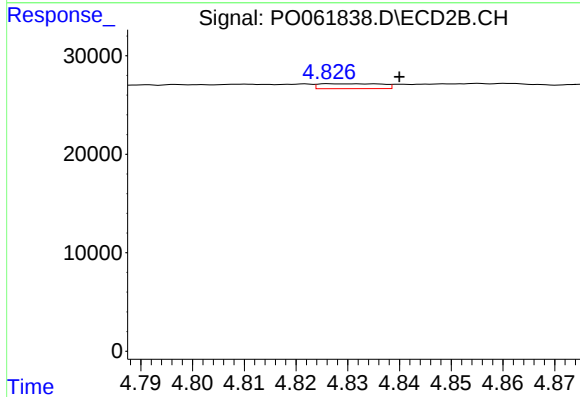
R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 1497
Conc: 1.92 ng/ml



#19 AR-1242-4

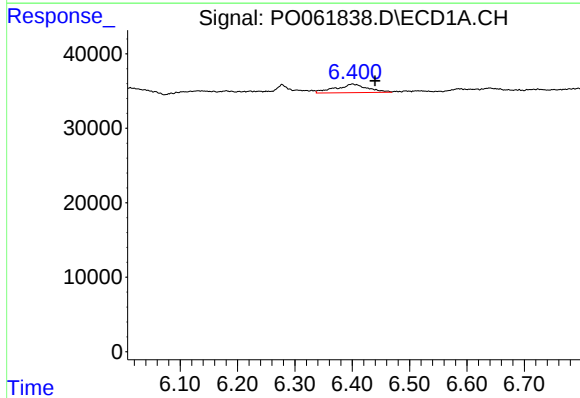
R.T.: 5.715 min
Delta R.T.: 0.005 min
Response: 1777
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



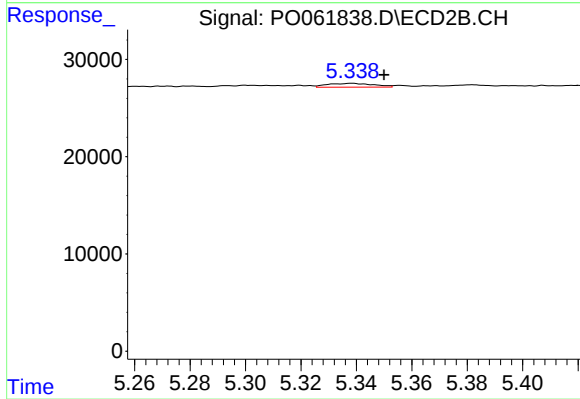
#19 AR-1242-4

R.T.: 4.827 min
Delta R.T.: -0.013 min
Response: 4163
Conc: 5.07 ng/ml



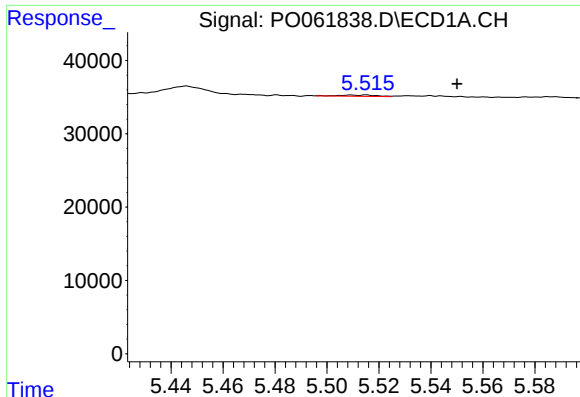
#20 AR-1242-5

R.T.: 6.401 min
Delta R.T.: -0.040 min
Response: 44987
Conc: 33.64 ng/ml



#20 AR-1242-5

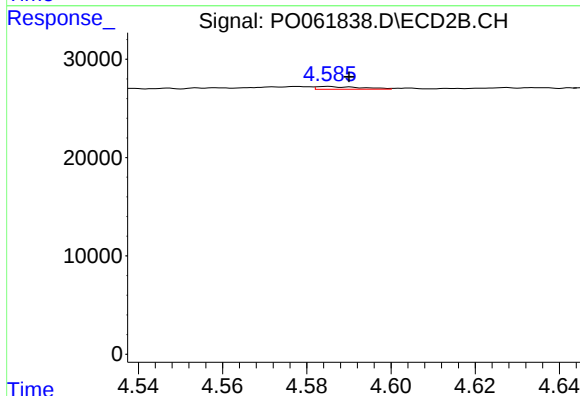
R.T.: 5.338 min
Delta R.T.: -0.012 min
Response: 4550
Conc: 4.25 ng/ml



#21 AR-1248-1

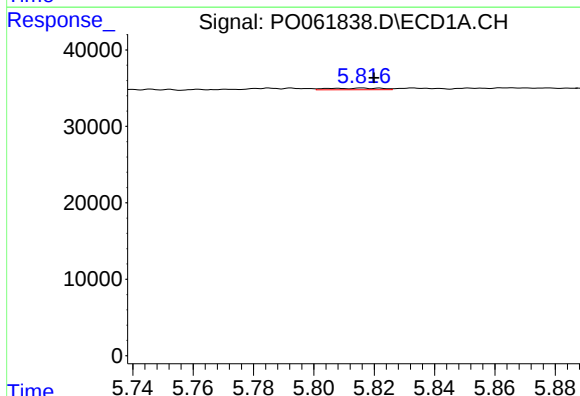
R.T.: 5.515 min
Delta R.T.: -0.035 min
Response: 1680
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



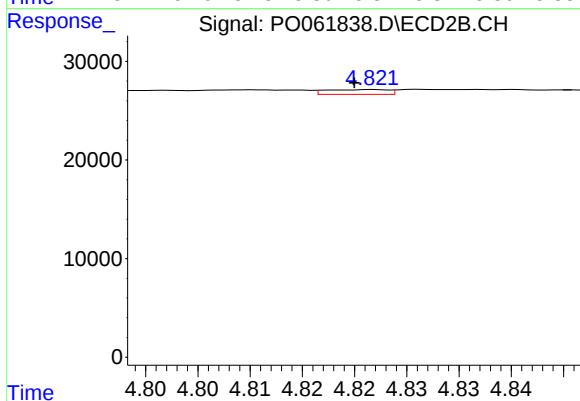
#21 AR-1248-1

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 2032
Conc: 2.27 ng/ml



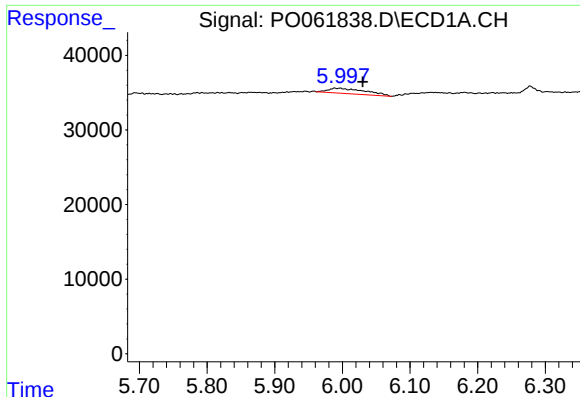
#22 AR-1248-2

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 2583
Conc: 1.53 ng/ml



#22 AR-1248-2

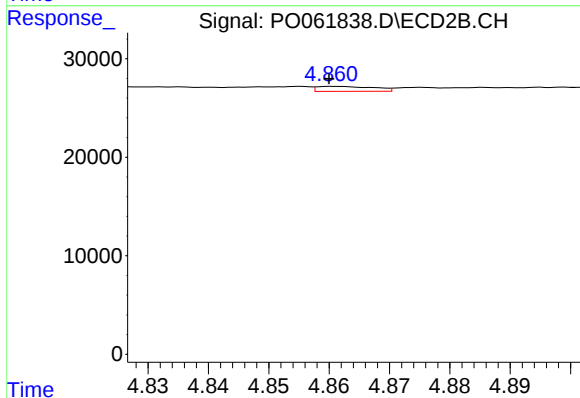
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 2003
Conc: 1.70 ng/ml



#23 AR-1248-3

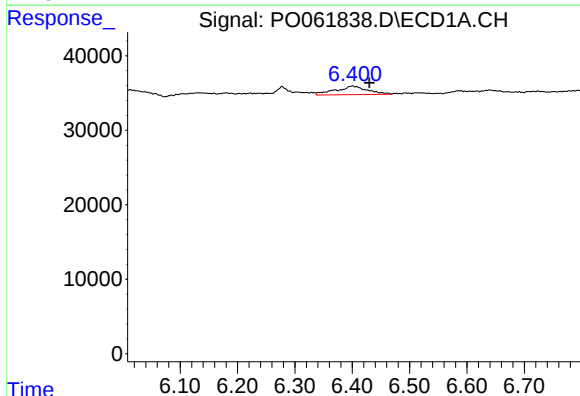
R.T.: 5.989 min
Delta R.T.: -0.041 min
Response: 26966
Conc: 14.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



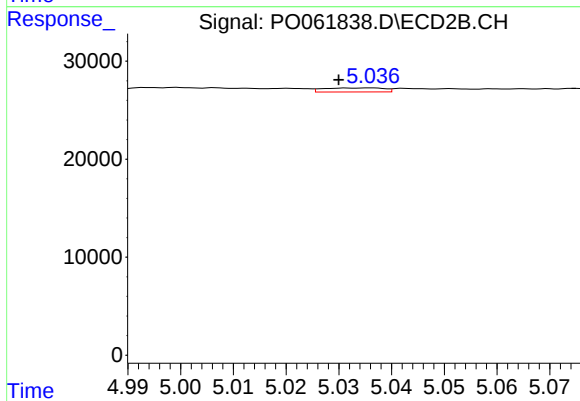
#23 AR-1248-3

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 3290
Conc: 2.65 ng/ml



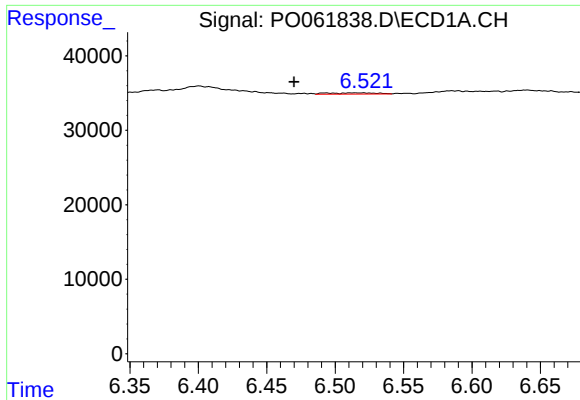
#24 AR-1248-4

R.T.: 6.401 min
Delta R.T.: -0.029 min
Response: 44987
Conc: 19.04 ng/ml



#24 AR-1248-4

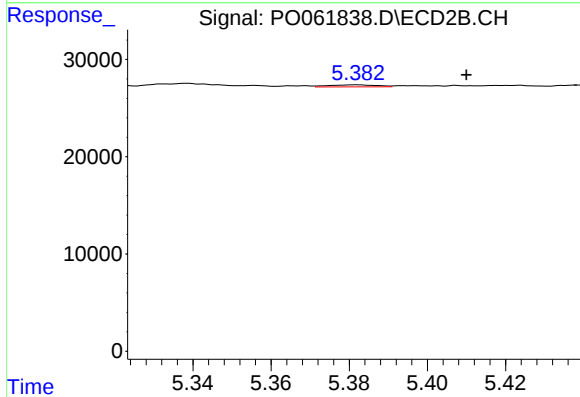
R.T.: 5.036 min
Delta R.T.: 0.006 min
Response: 3286
Conc: 2.19 ng/ml



#25 AR-1248-5

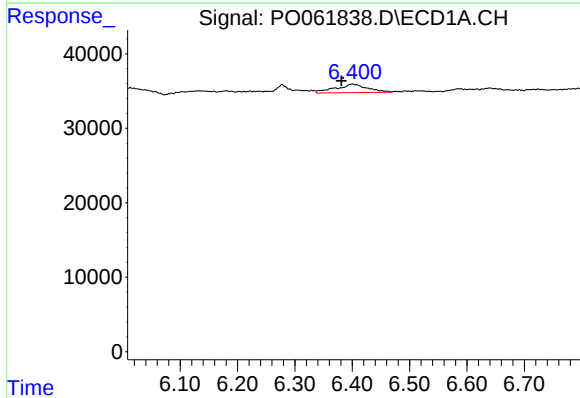
R.T.: 6.521 min
Delta R.T.: 0.051 min
Response: 3846
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



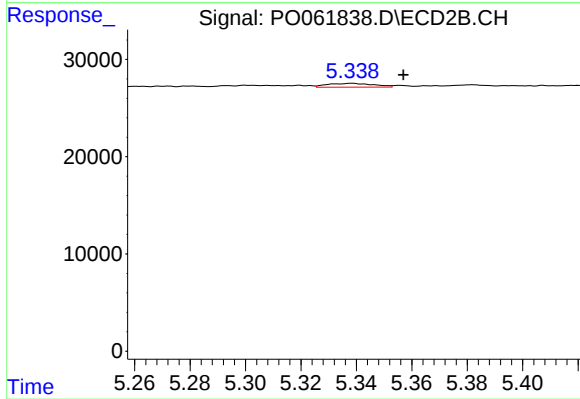
#25 AR-1248-5

R.T.: 5.382 min
Delta R.T.: -0.028 min
Response: 1700
Conc: 1.11 ng/ml



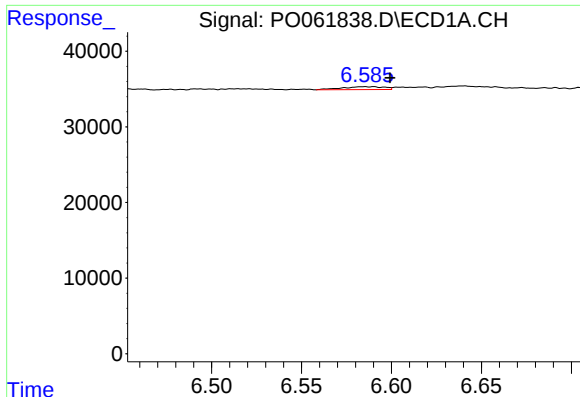
#26 AR-1254-1

R.T.: 6.401 min
Delta R.T.: 0.019 min
Response: 44987
Conc: 19.72 ng/ml



#26 AR-1254-1

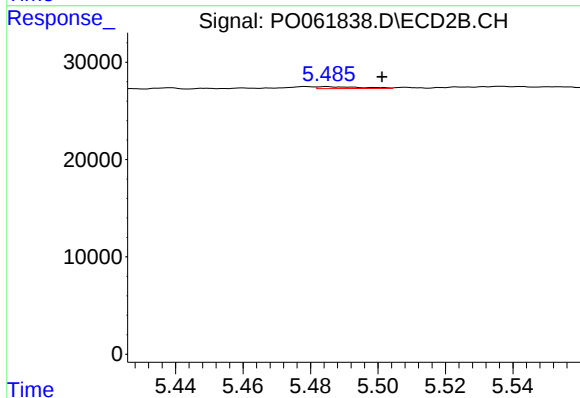
R.T.: 5.338 min
Delta R.T.: -0.019 min
Response: 4550
Conc: 2.07 ng/ml



#27 AR-1254-2

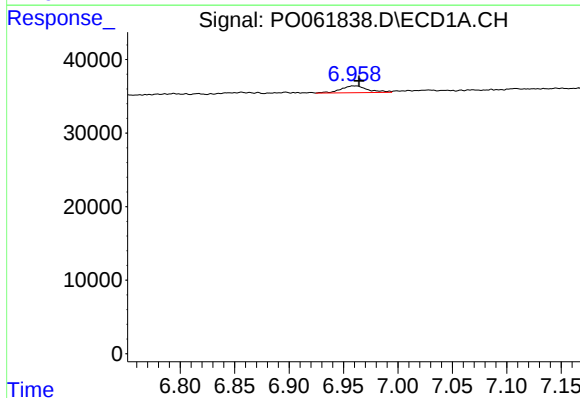
R.T.: 6.589 min
Delta R.T.: -0.010 min
Response: 6109
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



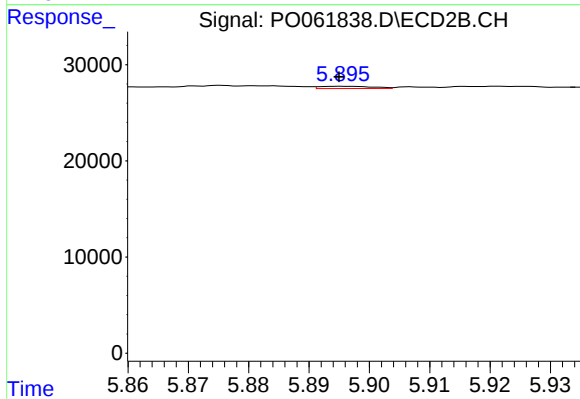
#27 AR-1254-2

R.T.: 5.485 min
Delta R.T.: -0.016 min
Response: 1724
Conc: 0.88 ng/ml



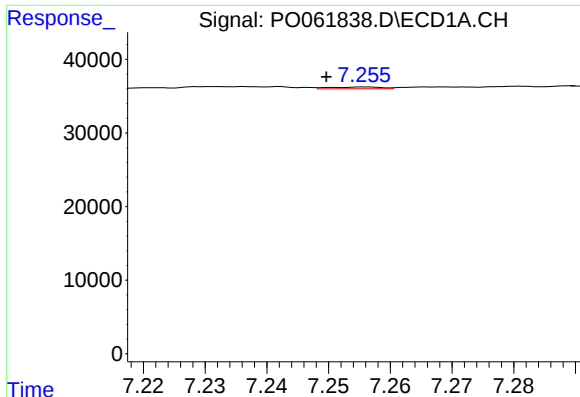
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 15885
Conc: 4.07 ng/ml



#28 AR-1254-3

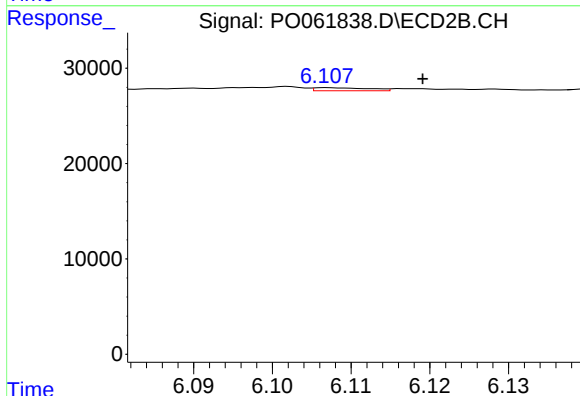
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1411
Conc: 0.44 ng/ml



#29 AR-1254-4

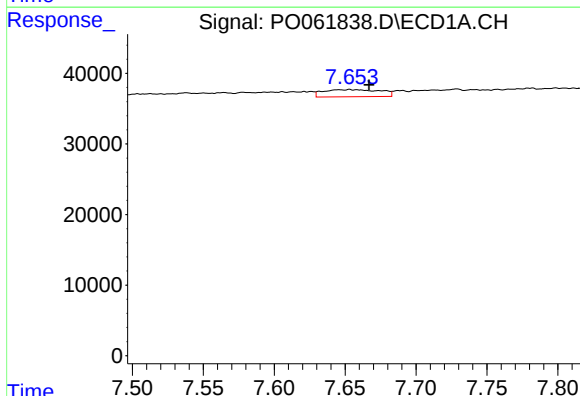
R.T.: 7.256 min
Delta R.T.: 0.006 min
Response: 1447
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



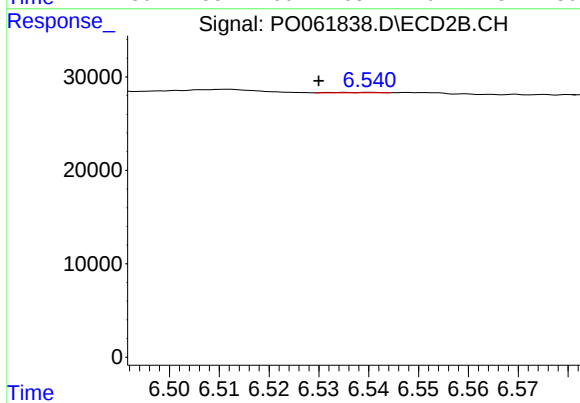
#29 AR-1254-4

R.T.: 6.107 min
Delta R.T.: -0.012 min
Response: 1548
Conc: 0.76 ng/ml



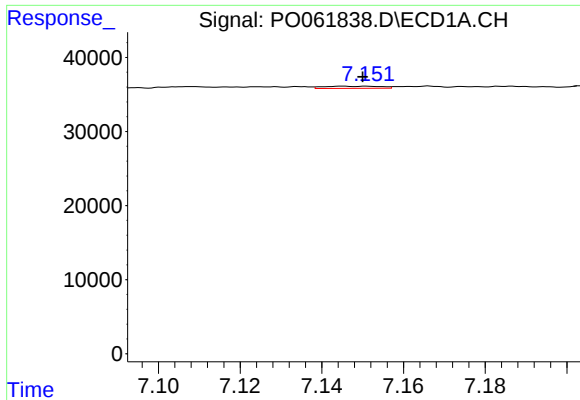
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.014 min
Response: 28014
Conc: 8.92 ng/ml



#30 AR-1254-5

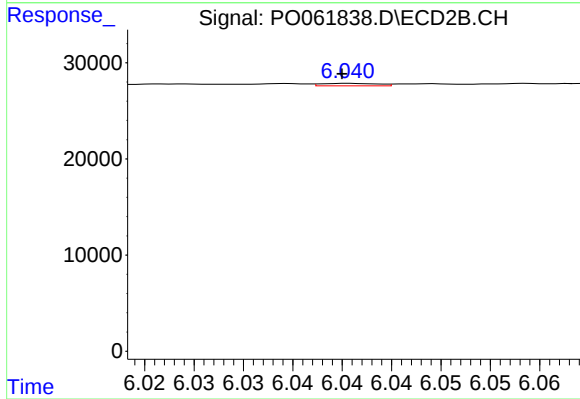
R.T.: 6.540 min
Delta R.T.: 0.010 min
Response: 375
Conc: 0.13 ng/ml



#31 AR-1260-1

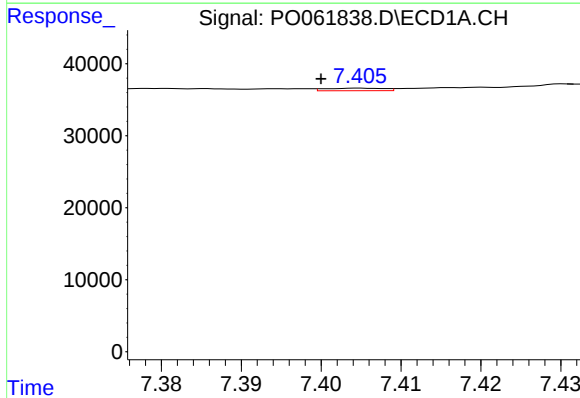
R.T.: 7.151 min
Delta R.T.: 0.001 min
Response: 2878
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



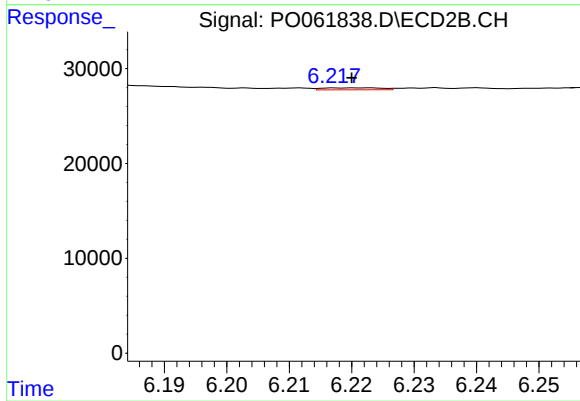
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 1012
Conc: 0.50 ng/ml



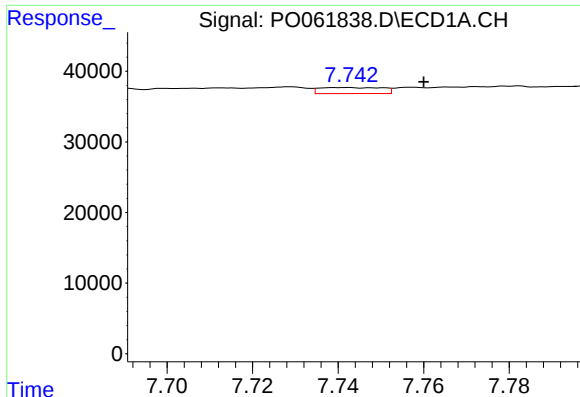
#32 AR-1260-2

R.T.: 7.405 min
Delta R.T.: 0.005 min
Response: 1779
Conc: 0.56 ng/ml



#32 AR-1260-2

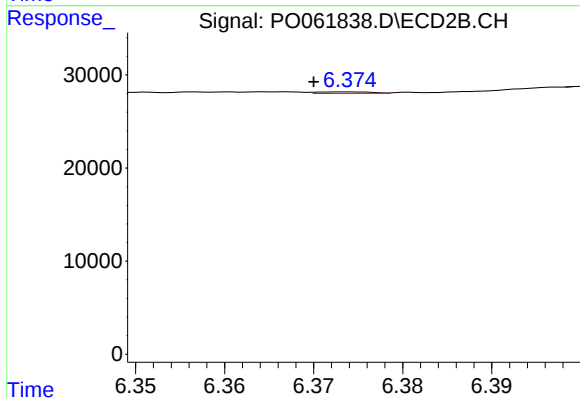
R.T.: 6.223 min
Delta R.T.: 0.003 min
Response: 1361
Conc: 0.57 ng/ml



#33 AR-1260-3

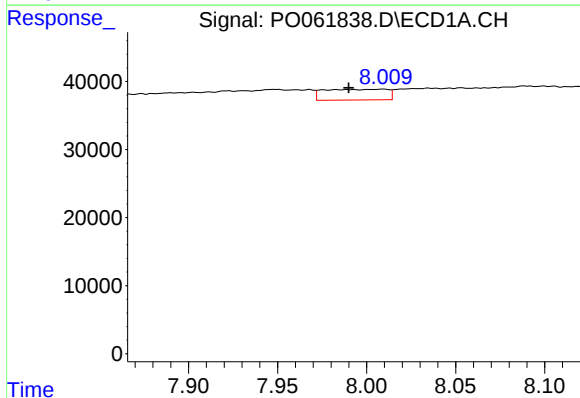
R.T.: 7.741 min
Delta R.T.: -0.019 min
Response: 8644
Conc: 3.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



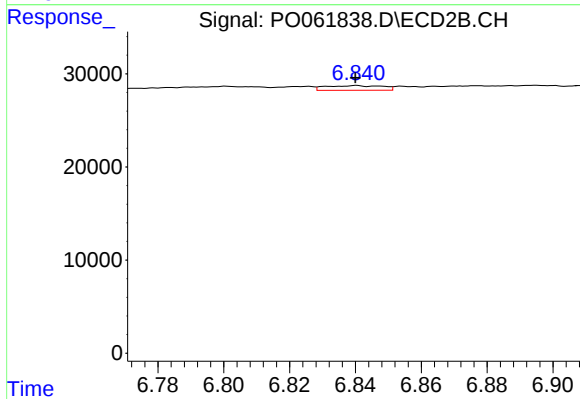
#33 AR-1260-3

R.T.: 6.374 min
Delta R.T.: 0.004 min
Response: 716
Conc: 0.32 ng/ml



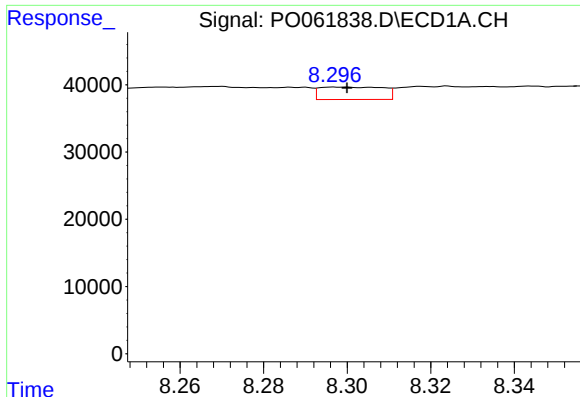
#34 AR-1260-4

R.T.: 8.009 min
Delta R.T.: 0.019 min
Response: 38716
Conc: 14.49 ng/ml



#34 AR-1260-4

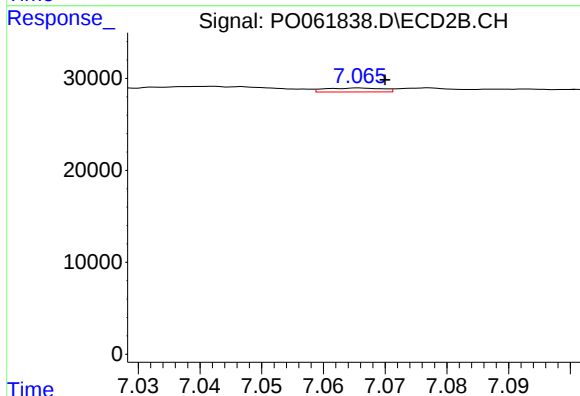
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 6033
Conc: 3.27 ng/ml



#35 AR-1260-5

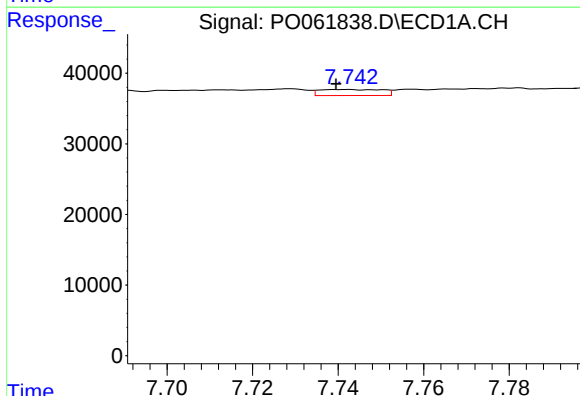
R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 19595
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



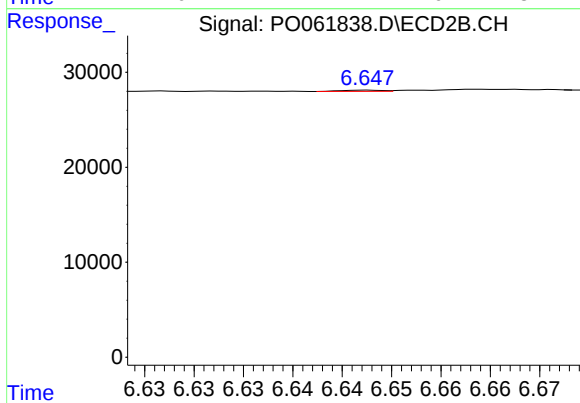
#35 AR-1260-5

R.T.: 7.066 min
Delta R.T.: -0.004 min
Response: 2842
Conc: 0.73 ng/ml



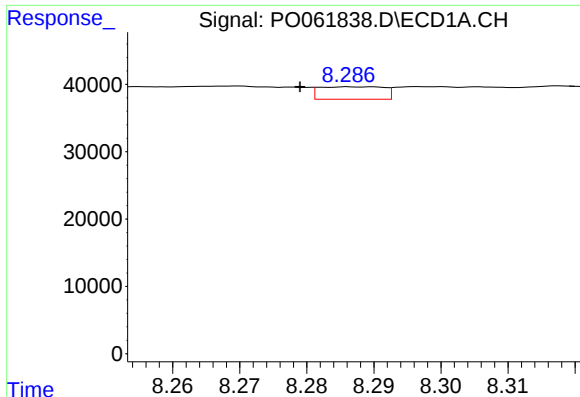
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 8644
Conc: 2.26 ng/ml



#36 AR-1262-1

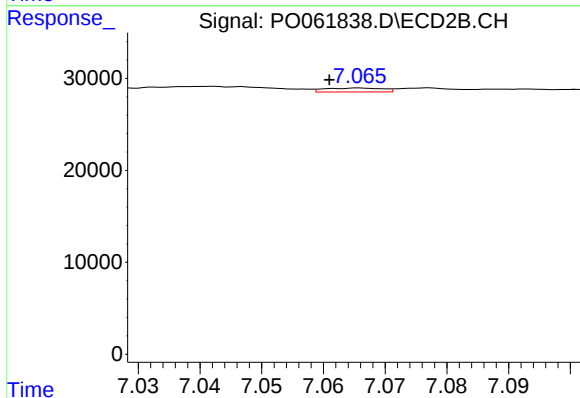
R.T.: 6.648 min
Delta R.T.: 0.028 min
Response: 390
Conc: 0.32 ng/ml



#37 AR-1262-2

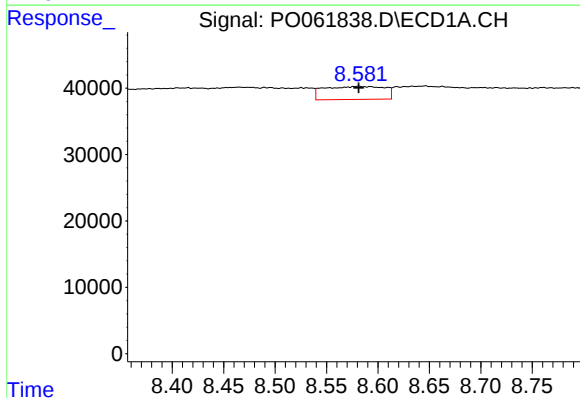
R.T.: 8.287 min
Delta R.T.: 0.008 min
Response: 12395
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



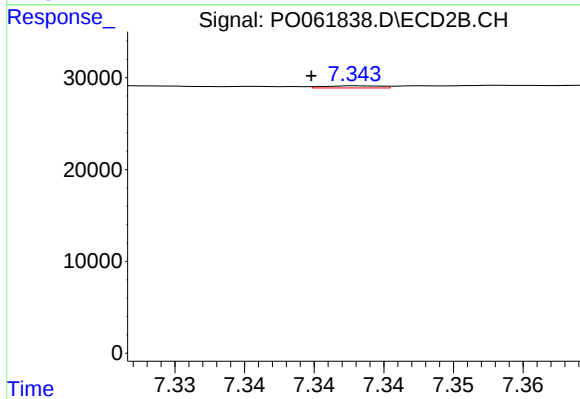
#37 AR-1262-2

R.T.: 7.066 min
Delta R.T.: 0.005 min
Response: 2842
Conc: 0.62 ng/ml



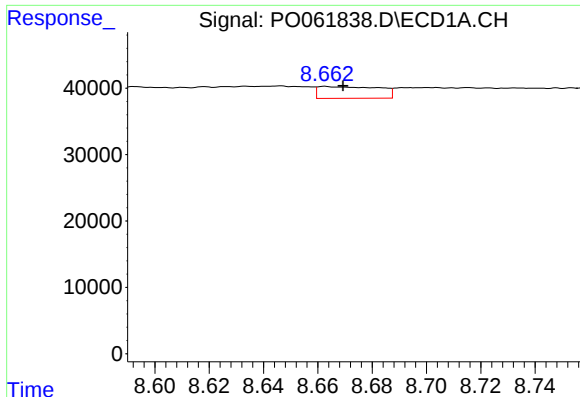
#38 AR-1262-3

R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 80060
Conc: 19.26 ng/ml



#38 AR-1262-3

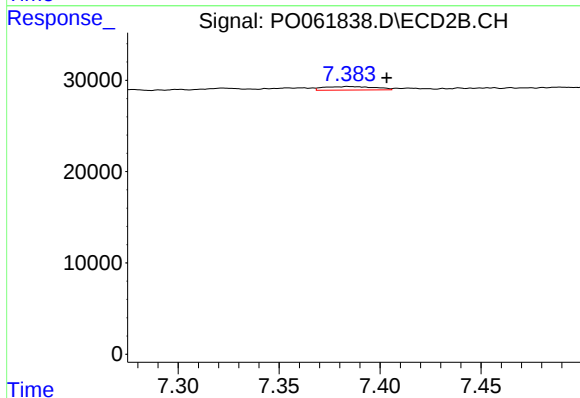
R.T.: 7.343 min
Delta R.T.: 0.004 min
Response: 631
Conc: 0.34 ng/ml



#39 AR-1262-4

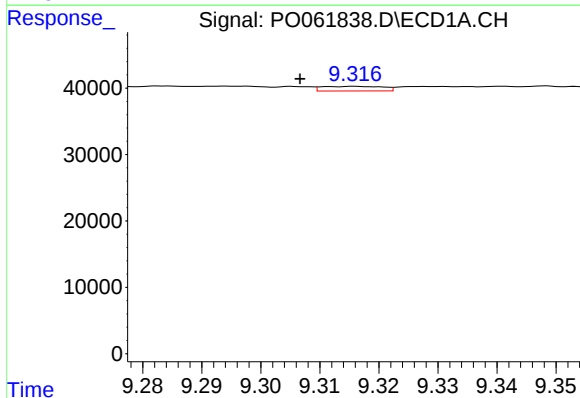
R.T.: 8.663 min
Delta R.T.: -0.007 min
Response: 27782
Conc: 8.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



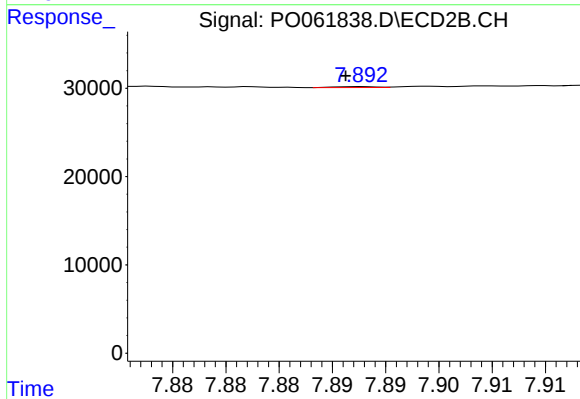
#39 AR-1262-4

R.T.: 7.384 min
Delta R.T.: -0.019 min
Response: 6788
Conc: 2.02 ng/ml



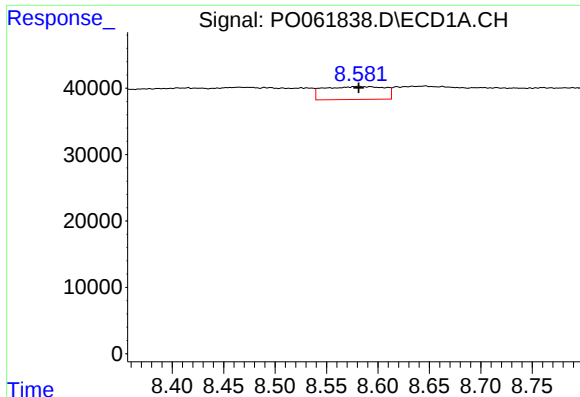
#40 AR-1262-5

R.T.: 9.316 min
Delta R.T.: 0.009 min
Response: 4987
Conc: 2.45 ng/ml



#40 AR-1262-5

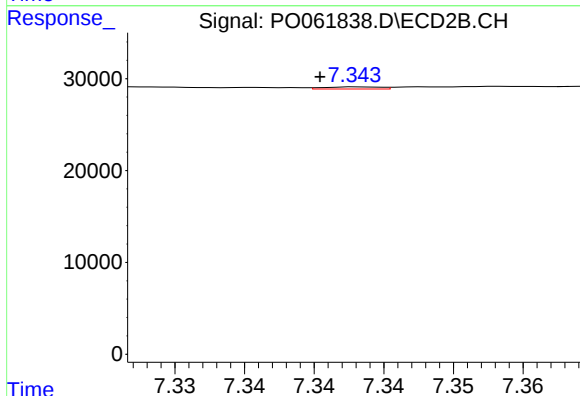
R.T.: 7.893 min
Delta R.T.: 0.002 min
Response: 273
Conc: 0.18 ng/ml



#41 AR-1268-1

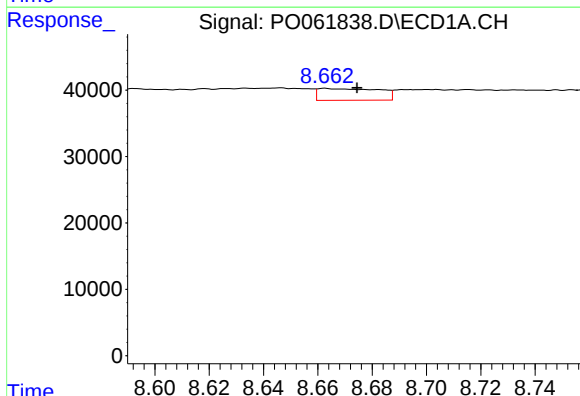
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 80060
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



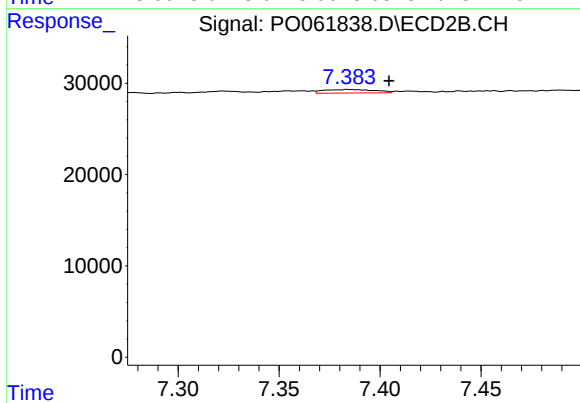
#41 AR-1268-1

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 631
Conc: 0.13 ng/ml



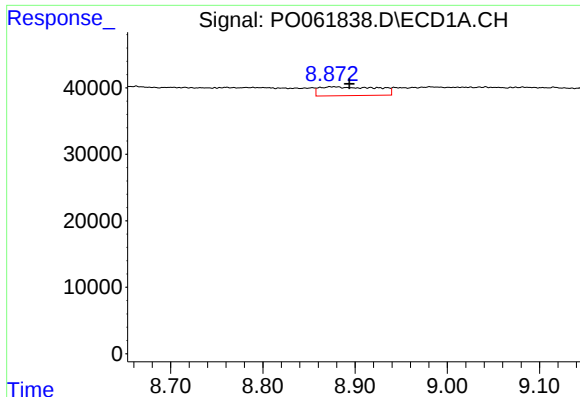
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: -0.012 min
Response: 27782
Conc: 4.49 ng/ml



#42 AR-1268-2

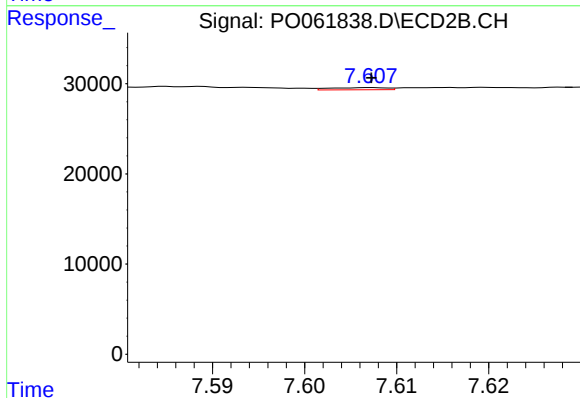
R.T.: 7.384 min
Delta R.T.: -0.020 min
Response: 6788
Conc: 1.58 ng/ml



#43 AR-1268-3

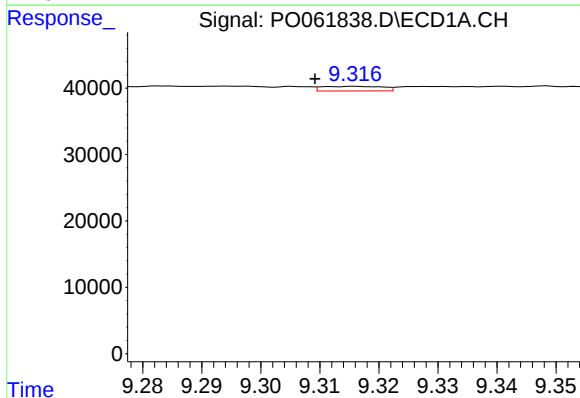
R.T.: 8.873 min
Delta R.T.: -0.021 min
Response: 58142
Conc: 11.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



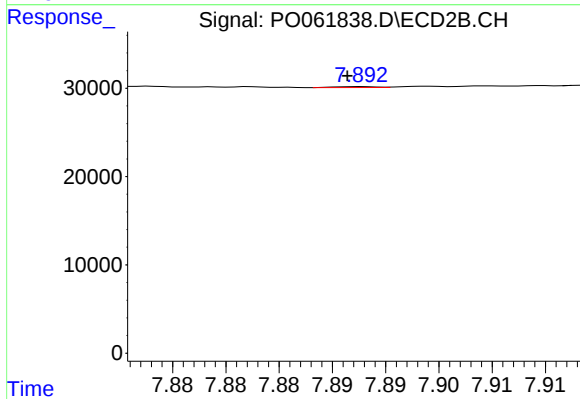
#43 AR-1268-3

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 1025
Conc: 0.29 ng/ml



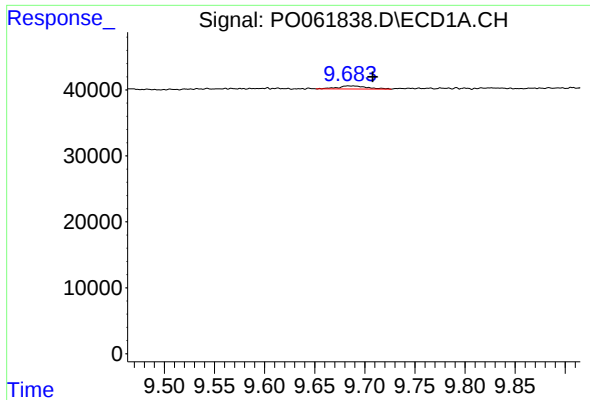
#44 AR-1268-4

R.T.: 9.316 min
Delta R.T.: 0.007 min
Response: 4987
Conc: 2.28 ng/ml



#44 AR-1268-4

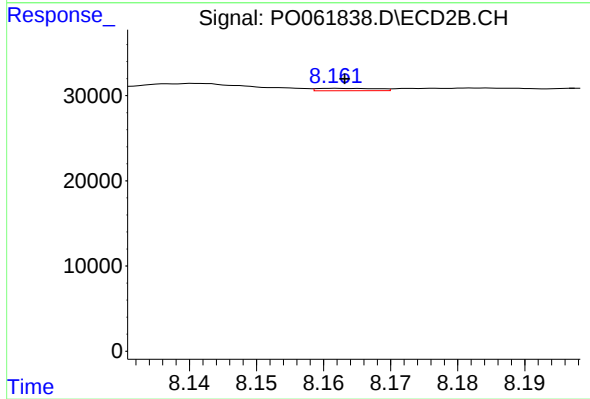
R.T.: 7.893 min
Delta R.T.: 0.001 min
Response: 273
Conc: 0.17 ng/ml



#45 AR-1268-5

R.T.: 9.683 min
Delta R.T.: -0.024 min
Response: 9185
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1-D



#45 AR-1268-5

R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 1774
Conc: 0.18 ng/ml