

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061873.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 19:07
 Operator : HP/AJ
 Sample : K5298-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:18:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 11:46:12 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	3.512	952522	660174	23.224	20.414
2)	SA Decachlor...	10.009	8.371	889198	572469	19.093	17.682
Target Compounds							
3)	L1 AR-1016-1	5.541	4.578	1982	2087	1.081	1.552 #
4)	L1 AR-1016-2	5.582	4.628	2572	733	0.995	0.395 #
5)	L1 AR-1016-3	5.620	4.781	2081	285	1.295	0.285 #
6)	L1 AR-1016-4	5.735	4.831	834	1308	0.624	1.509 #
7)	L1 AR-1016-5	6.039	5.009	3086	397	2.250	0.347 #
8)	L2 AR-1221-1	0.000	3.678	0	774	N.D.	1.955 #
9)	L2 AR-1221-2	4.655	3.800	12860	11118	35.820	36.050
10)	L2 AR-1221-3	0.000	3.874	0	564	N.D.	0.618 #
11)	L3 AR-1232-1	0.000	3.874	0	564	N.D.	0.502 #
12)	L3 AR-1232-2	5.263	4.578	2268	2087	2.890	1.710 #
13)	L3 AR-1232-3	5.541	4.765	1982	391	1.160	0.593 #
14)	L3 AR-1232-4	5.705	4.831	2367	1308	2.676	2.074
15)	L3 AR-1232-5	5.803	5.009	1416	397	2.042	0.578 #
16)	L4 AR-1242-1	5.541	4.564	1982	233	1.396	0.227 #
17)	L4 AR-1242-2	5.541	4.578	1982	2087	0.986	1.480 #
18)	L4 AR-1242-3	5.620	4.757	2081	568	1.649	0.727 #
19)	L4 AR-1242-4	5.705	4.831	2367	1308	2.253	1.594 #
20)	L4 AR-1242-5	6.429	5.340	4218	3020	3.154	2.819
21)	L5 AR-1248-1	5.541	4.578	1982	2087	1.687	2.332 #
22)	L5 AR-1248-2	5.803	4.831	1416	1308	0.839	1.110 #
23)	L5 AR-1248-3	6.039	4.831	3086	1308	1.651	1.053 #
24)	L5 AR-1248-4	6.429	5.009	4218	397	1.785	0.264 #
25)	L5 AR-1248-5	6.429	5.416	4218	453	1.860	0.296 #
26)	L6 AR-1254-1	6.398	5.340	4345	3020	1.904	1.377 #
27)	L6 AR-1254-2	6.586	5.508	16994	1643	4.703	0.838 #
28)	L6 AR-1254-3	6.955	5.875	17385	13466	4.449	4.230
29)	L6 AR-1254-4	7.259	6.128	1243	1274	0.410	0.628 #
30)	L6 AR-1254-5	7.652	6.546	33026	5588	10.516	1.976 #
31)	L7 AR-1260-1	7.153	6.044	702	824	0.269	0.404 #
32)	L7 AR-1260-2	7.433	6.216	20718	1160	6.499	0.483 #
33)	L7 AR-1260-3	7.782	6.339	21565	4481	8.978	1.989 #
34)	L7 AR-1260-4	7.989	6.836	17437	2602	6.526	1.409 #
35)	L7 AR-1260-5	8.313	7.041	13994	5019	2.828	1.289 #
36)	L8 AR-1262-1	7.725	6.630	24398	791	6.368	0.648 #
37)	L8 AR-1262-2	8.264	7.041	47547	5019	7.659	1.092 #
38)	L8 AR-1262-3	8.584	7.341	42548	1004	10.237	0.533 #
39)	L8 AR-1262-4	8.657	7.382	41292	10134	13.080	3.015 #
40)	L8 AR-1262-5	9.293	7.884	28240	1525	13.886	1.006 #
41)	L9 AR-1268-1	8.584	7.341	42548	1004	6.327	0.208 #

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 Acq On : 10 Oct 2019 19:07
 Operator : HP/AJ
 Sample : K5298-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

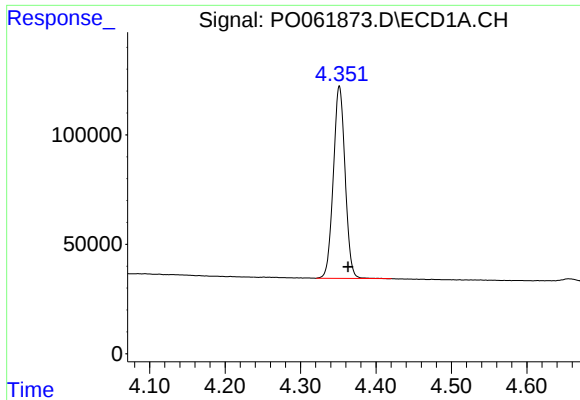
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:18:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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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	8.657	7.382	41292	10134	6.668	2.351 #
43) L9	AR-1268-3	8.876	7.611	78052	833	15.268	0.232 #
44) L9	AR-1268-4	9.293	7.884	28240	1525	12.915	0.948 #
45) L9	AR-1268-5	9.688	8.164	8320	337	0.554	0.033 #

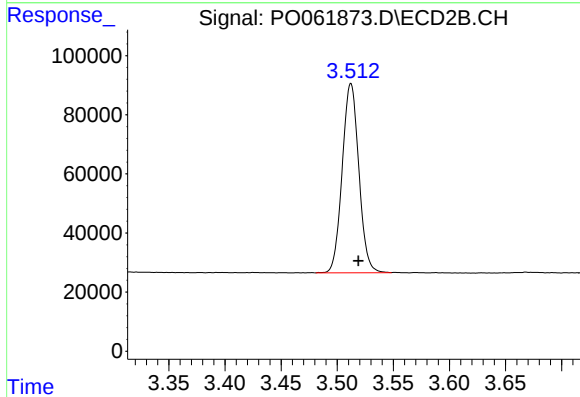
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

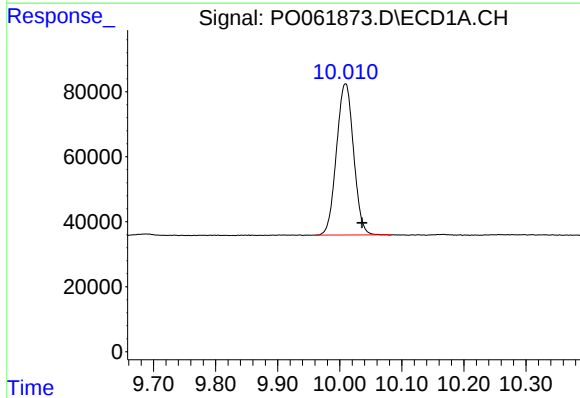
R.T.: 4.352 min
Delta R.T.: -0.011 min
Response: 952522
Conc: 23.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



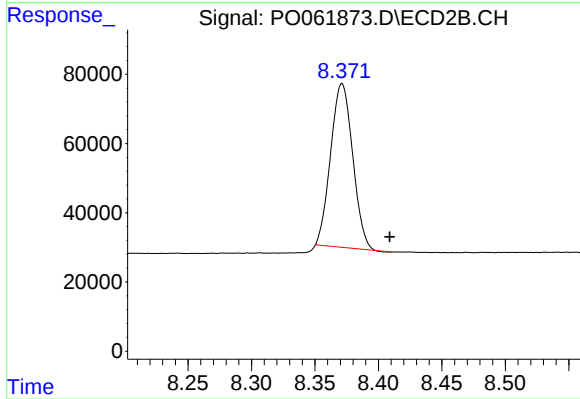
#1 Tetrachloro-m-xylene

R.T.: 3.512 min
Delta R.T.: -0.007 min
Response: 660174
Conc: 20.41 ng/ml



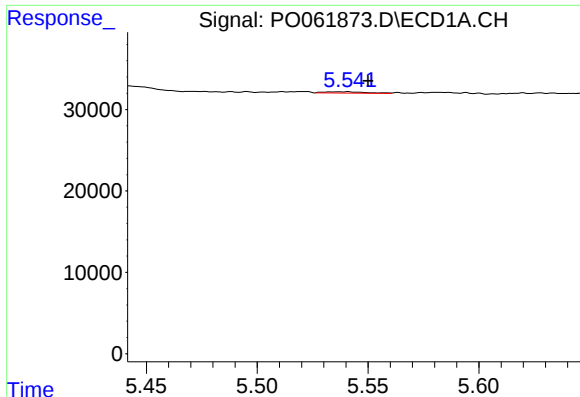
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.027 min
Response: 889198
Conc: 19.09 ng/ml



#2 Decachlorobiphenyl

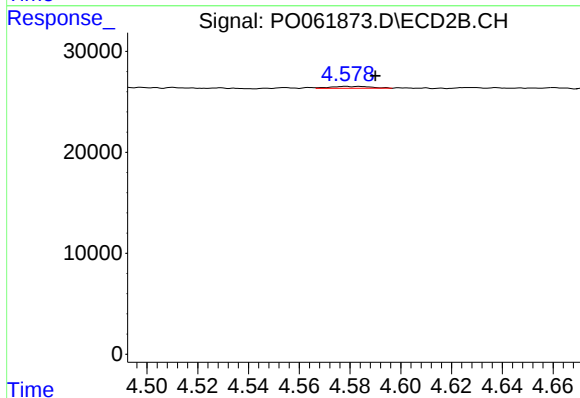
R.T.: 8.371 min
Delta R.T.: -0.038 min
Response: 572469
Conc: 17.68 ng/ml



#3 AR-1016-1

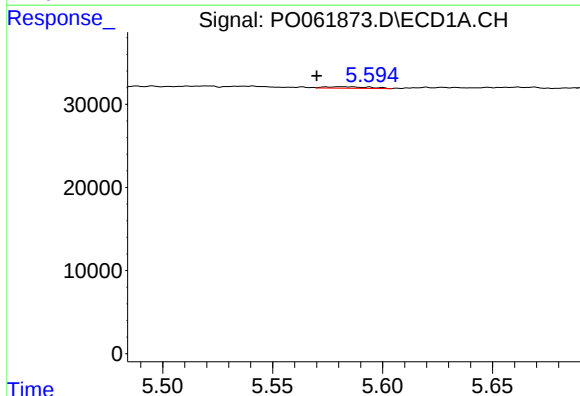
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 1982
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



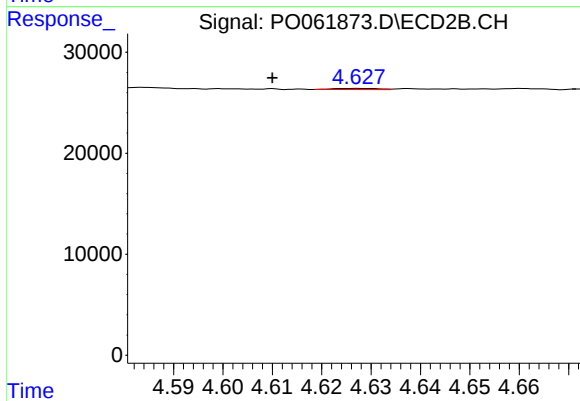
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: -0.012 min
Response: 2087
Conc: 1.55 ng/ml



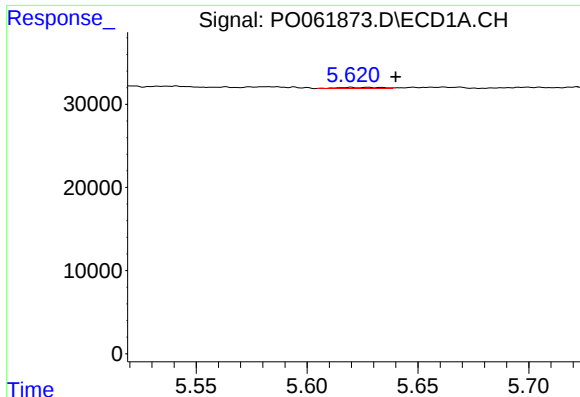
#4 AR-1016-2

R.T.: 5.582 min
Delta R.T.: 0.012 min
Response: 2572
Conc: 1.00 ng/ml



#4 AR-1016-2

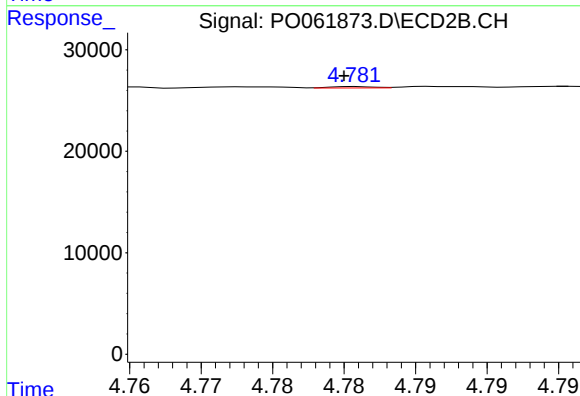
R.T.: 4.628 min
Delta R.T.: 0.018 min
Response: 733
Conc: 0.40 ng/ml



#5 AR-1016-3

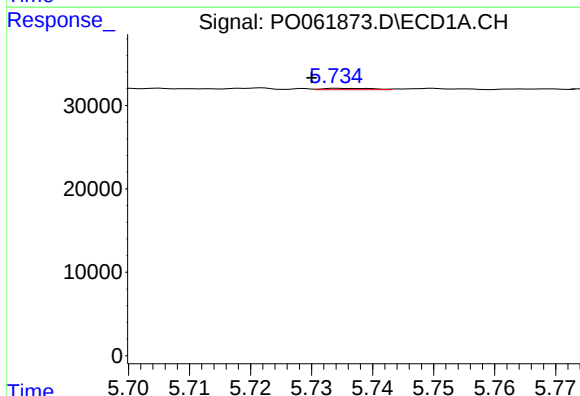
R.T.: 5.620 min
Delta R.T.: -0.020 min
Response: 2081
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



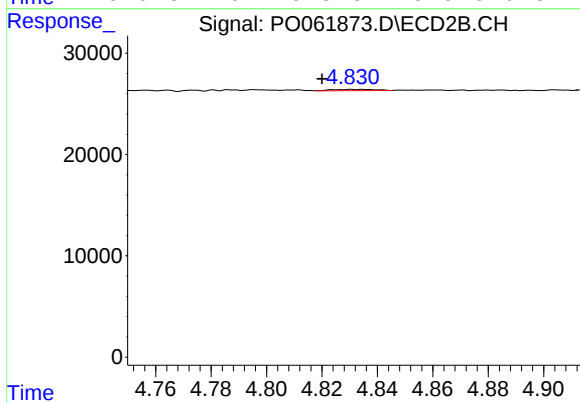
#5 AR-1016-3

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 285
Conc: 0.28 ng/ml



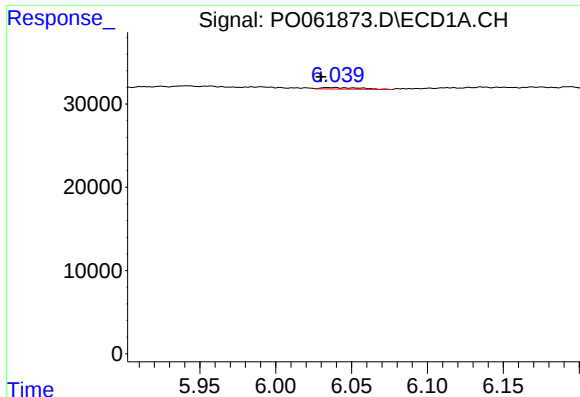
#6 AR-1016-4

R.T.: 5.735 min
Delta R.T.: 0.005 min
Response: 834
Conc: 0.62 ng/ml



#6 AR-1016-4

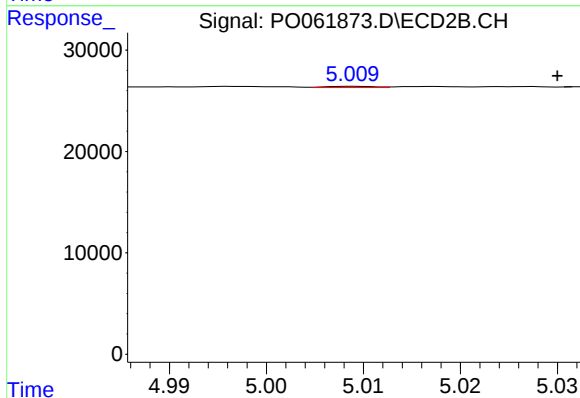
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 1308
Conc: 1.51 ng/ml



#7 AR-1016-5

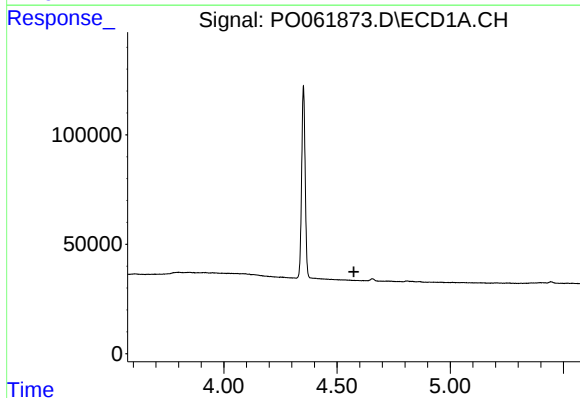
R.T.: 6.039 min
Delta R.T.: 0.009 min
Response: 3086
Conc: 2.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



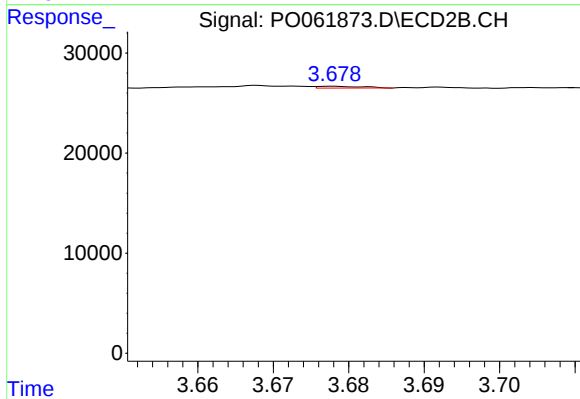
#7 AR-1016-5

R.T.: 5.009 min
Delta R.T.: -0.021 min
Response: 397
Conc: 0.35 ng/ml



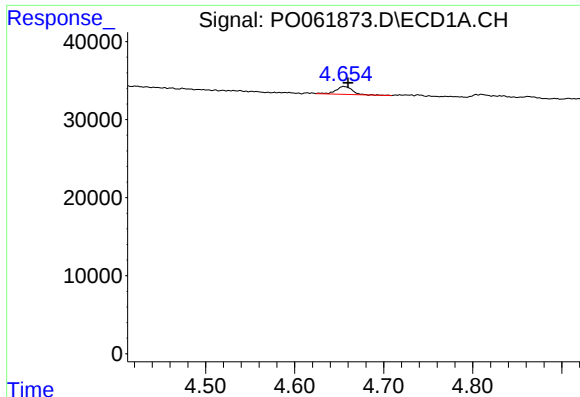
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



#8 AR-1221-1

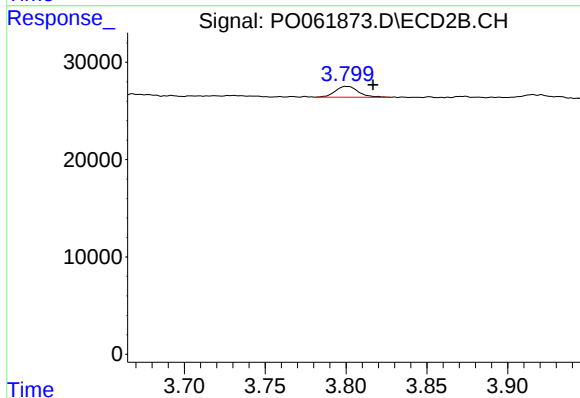
R.T.: 3.678 min
Delta R.T.: -0.057 min
Response: 774
Conc: 1.95 ng/ml



#9 AR-1221-2

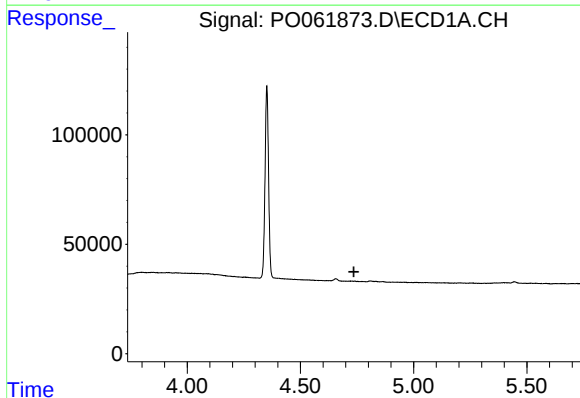
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 12860
Conc: 35.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



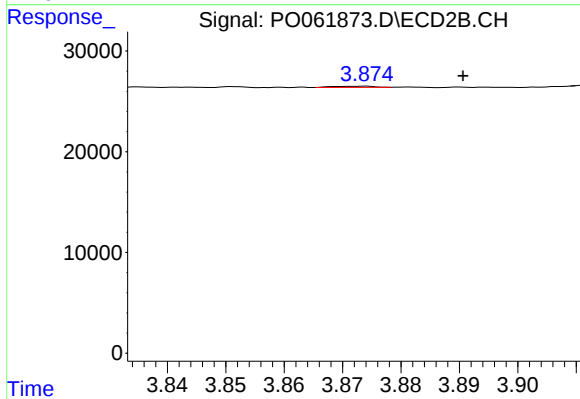
#9 AR-1221-2

R.T.: 3.800 min
Delta R.T.: -0.017 min
Response: 11118
Conc: 36.05 ng/ml



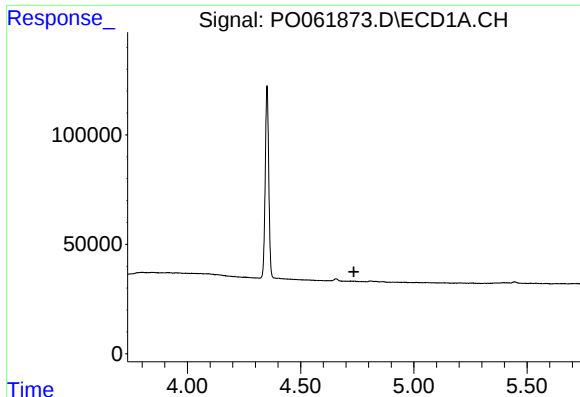
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.736 min
Response: 0
Conc: N.D.



#10 AR-1221-3

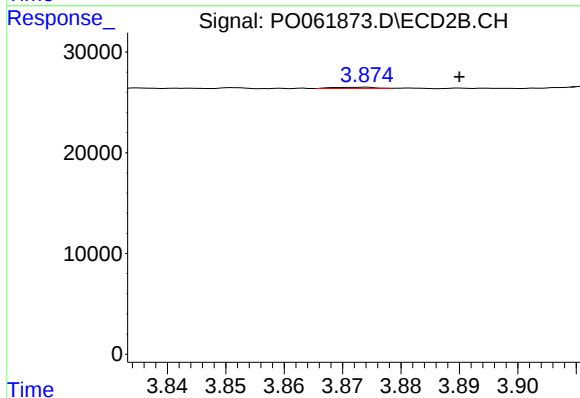
R.T.: 3.874 min
Delta R.T.: -0.017 min
Response: 564
Conc: 0.62 ng/ml



#11 AR-1232-1

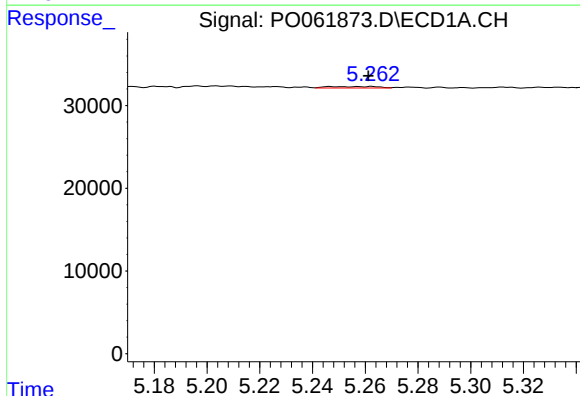
R.T.: 0.000 min
Exp R.T.: 4.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



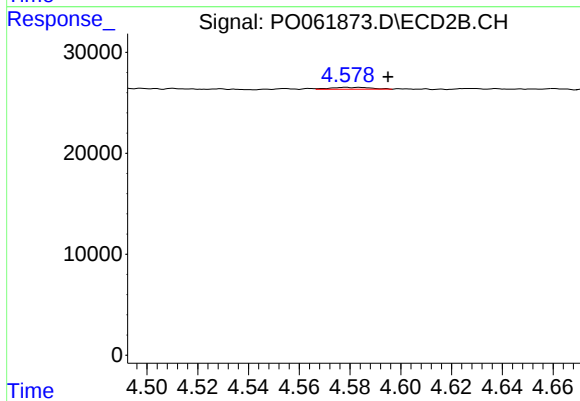
#11 AR-1232-1

R.T.: 3.874 min
Delta R.T.: -0.016 min
Response: 564
Conc: 0.50 ng/ml



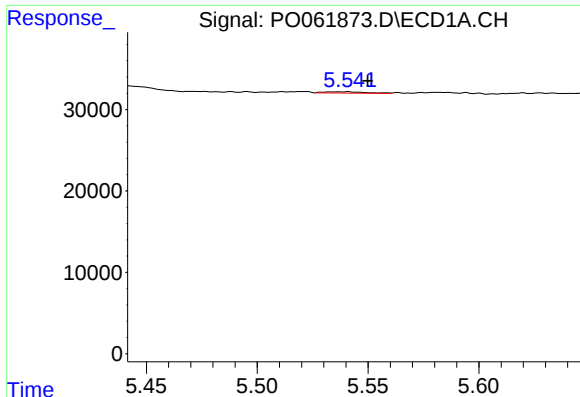
#12 AR-1232-2

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 2268
Conc: 2.89 ng/ml



#12 AR-1232-2

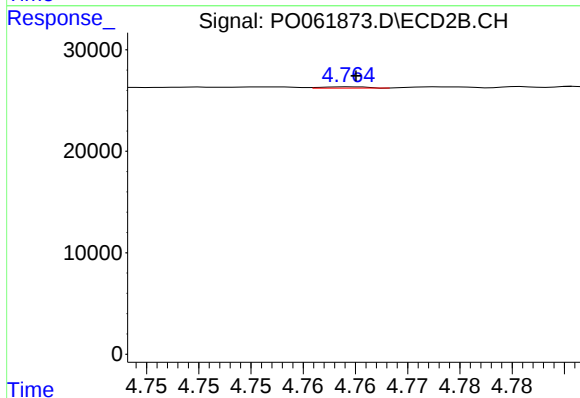
R.T.: 4.578 min
Delta R.T.: -0.017 min
Response: 2087
Conc: 1.71 ng/ml



#13 AR-1232-3

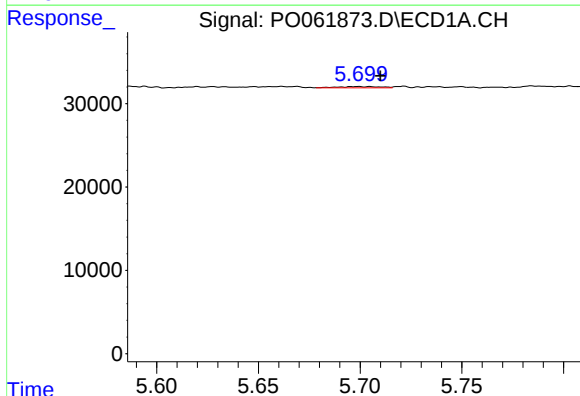
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 1982
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



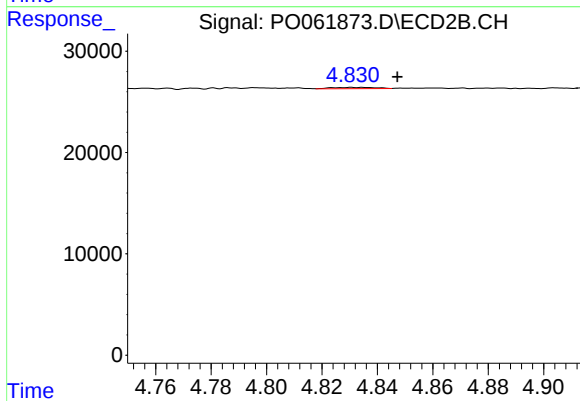
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 391
Conc: 0.59 ng/ml



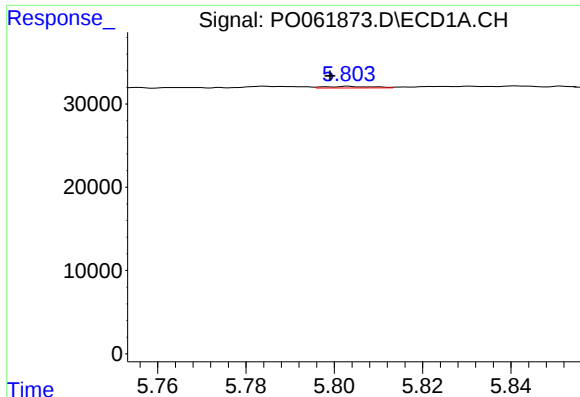
#14 AR-1232-4

R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 2367
Conc: 2.68 ng/ml



#14 AR-1232-4

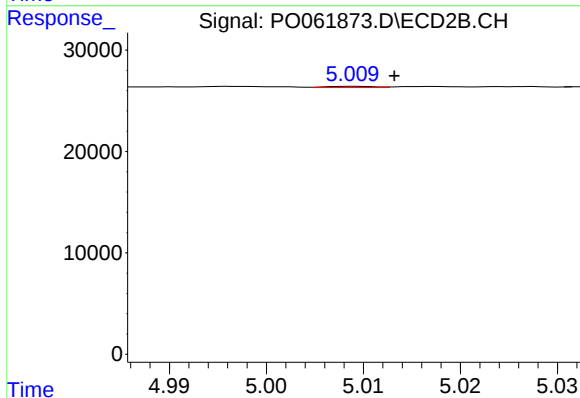
R.T.: 4.831 min
Delta R.T.: -0.017 min
Response: 1308
Conc: 2.07 ng/ml



#15 AR-1232-5

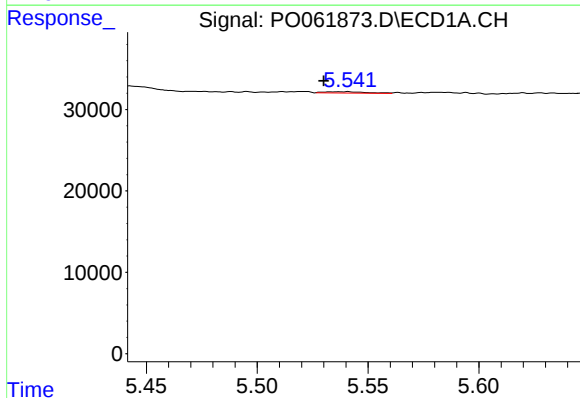
R.T.: 5.803 min
Delta R.T.: 0.004 min
Response: 1416
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



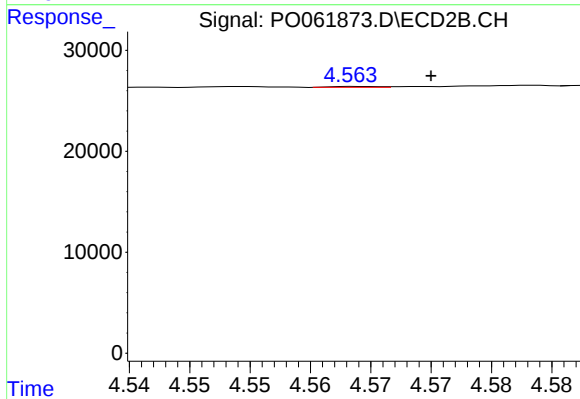
#15 AR-1232-5

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 397
Conc: 0.58 ng/ml



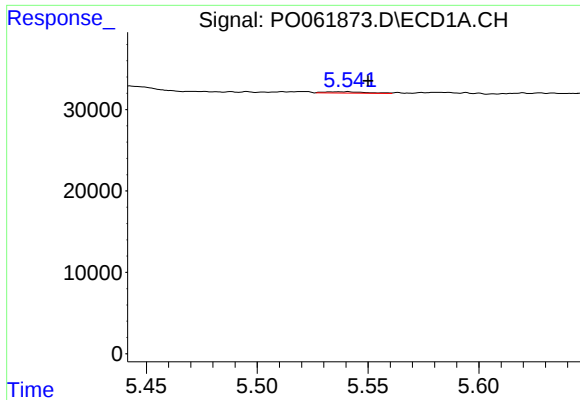
#16 AR-1242-1

R.T.: 5.541 min
Delta R.T.: 0.011 min
Response: 1982
Conc: 1.40 ng/ml



#16 AR-1242-1

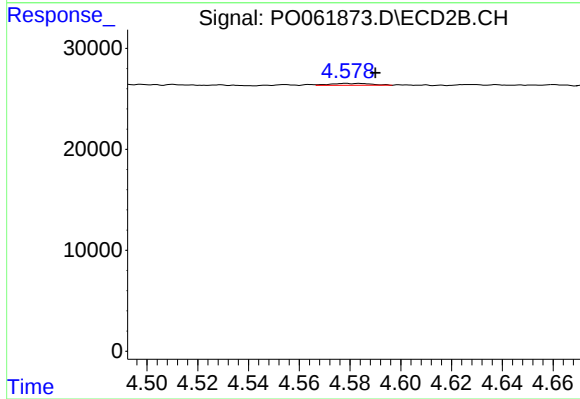
R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 233
Conc: 0.23 ng/ml



#17 AR-1242-2

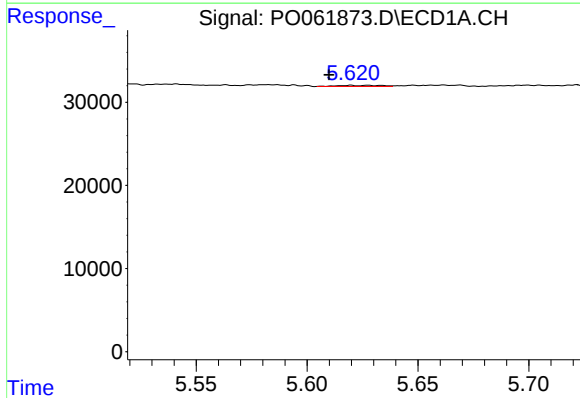
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 1982
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



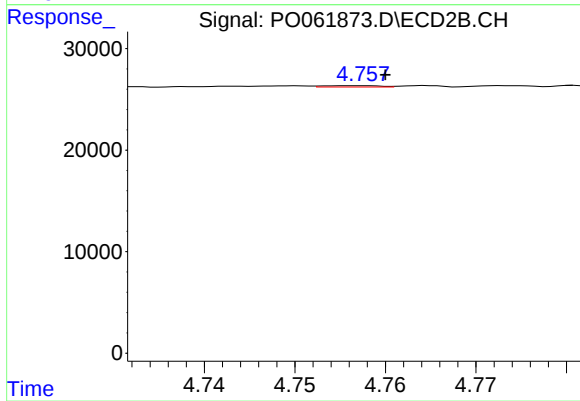
#17 AR-1242-2

R.T.: 4.578 min
Delta R.T.: -0.012 min
Response: 2087
Conc: 1.48 ng/ml



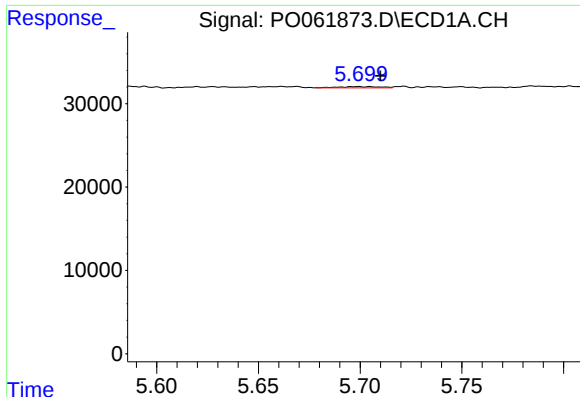
#18 AR-1242-3

R.T.: 5.620 min
Delta R.T.: 0.010 min
Response: 2081
Conc: 1.65 ng/ml



#18 AR-1242-3

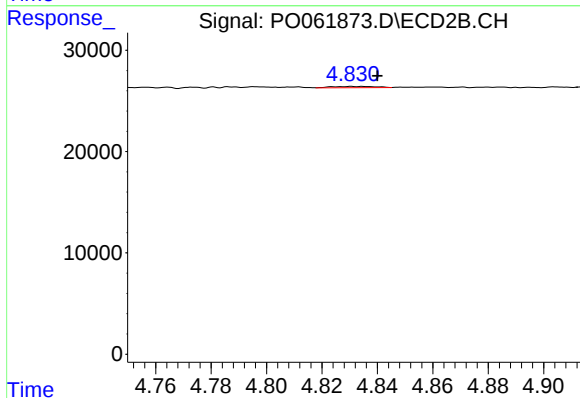
R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 568
Conc: 0.73 ng/ml



#19 AR-1242-4

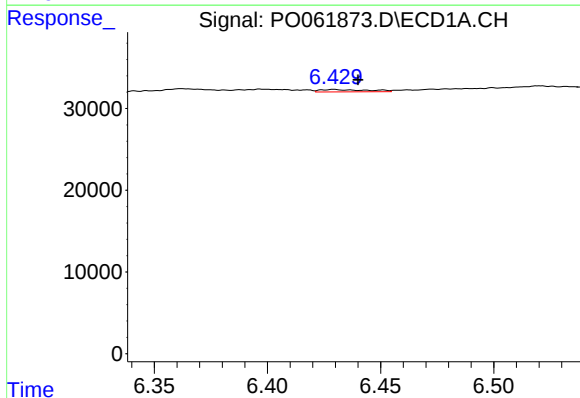
R.T.: 5.705 min
Delta R.T.: -0.005 min
Response: 2367
Conc: 2.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



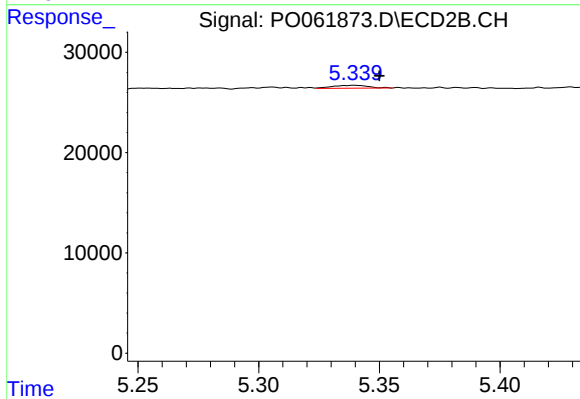
#19 AR-1242-4

R.T.: 4.831 min
Delta R.T.: -0.009 min
Response: 1308
Conc: 1.59 ng/ml



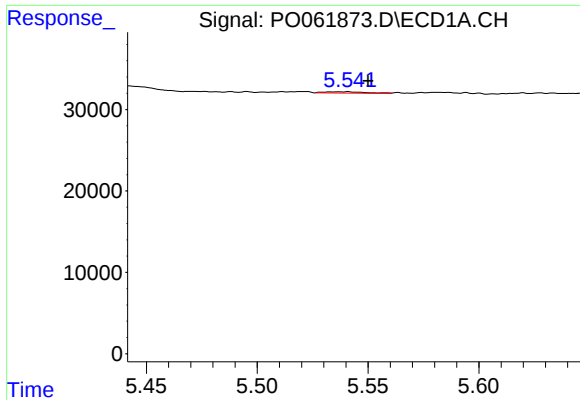
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: -0.011 min
Response: 4218
Conc: 3.15 ng/ml



#20 AR-1242-5

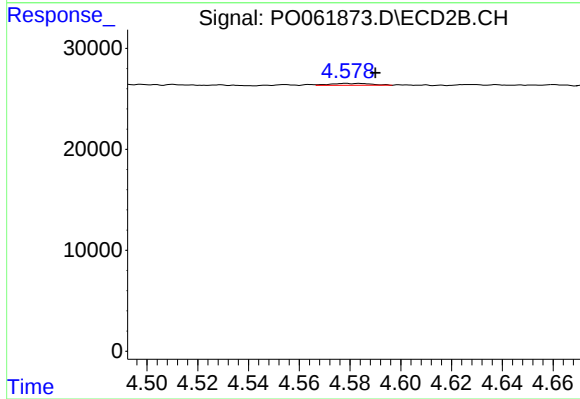
R.T.: 5.340 min
Delta R.T.: -0.010 min
Response: 3020
Conc: 2.82 ng/ml



#21 AR-1248-1

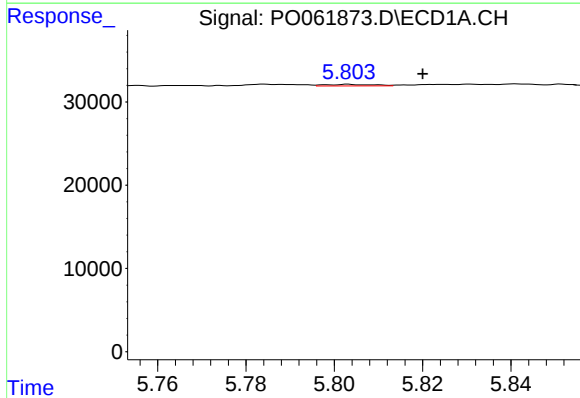
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 1982
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



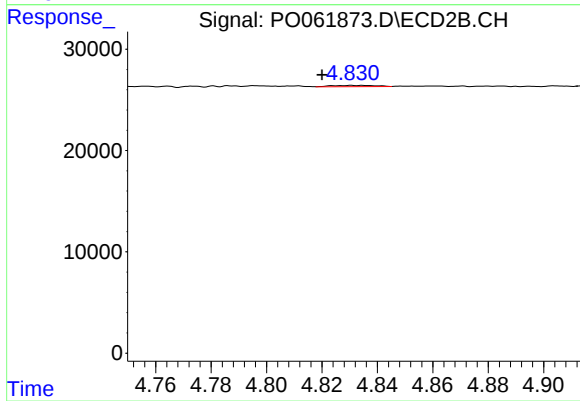
#21 AR-1248-1

R.T.: 4.578 min
Delta R.T.: -0.012 min
Response: 2087
Conc: 2.33 ng/ml



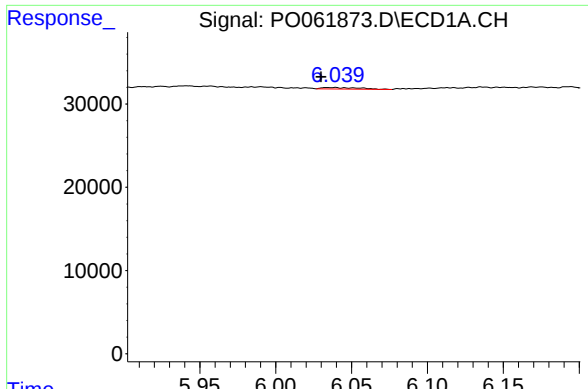
#22 AR-1248-2

R.T.: 5.803 min
Delta R.T.: -0.017 min
Response: 1416
Conc: 0.84 ng/ml



#22 AR-1248-2

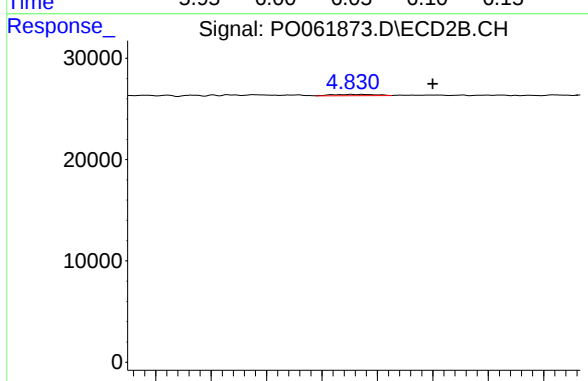
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 1308
Conc: 1.11 ng/ml



#23 AR-1248-3

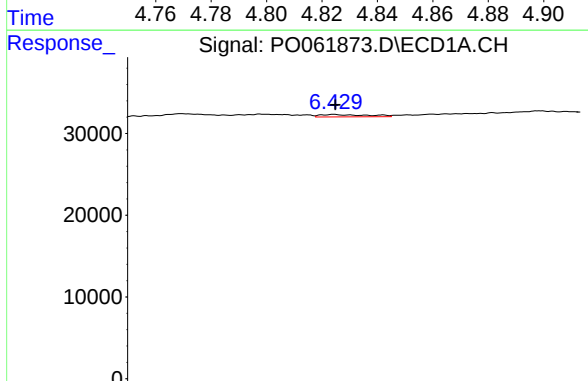
R.T.: 6.039 min
Delta R.T.: 0.009 min
Response: 3086
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



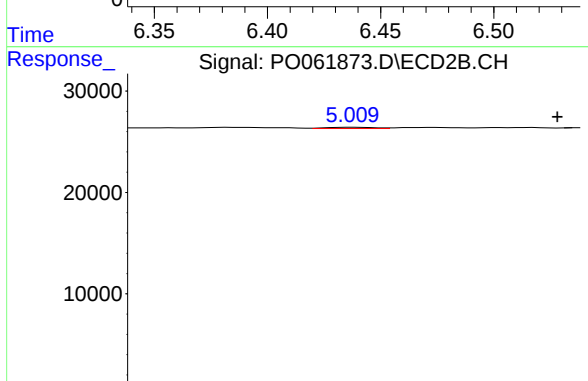
#23 AR-1248-3

R.T.: 4.831 min
Delta R.T.: -0.029 min
Response: 1308
Conc: 1.05 ng/ml



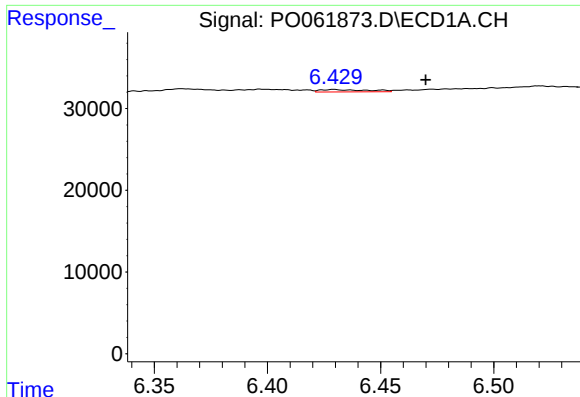
#24 AR-1248-4

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 4218
Conc: 1.79 ng/ml



#24 AR-1248-4

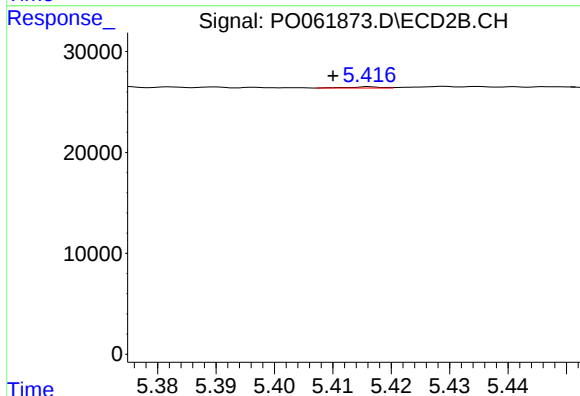
R.T.: 5.009 min
Delta R.T.: -0.021 min
Response: 397
Conc: 0.26 ng/ml



#25 AR-1248-5

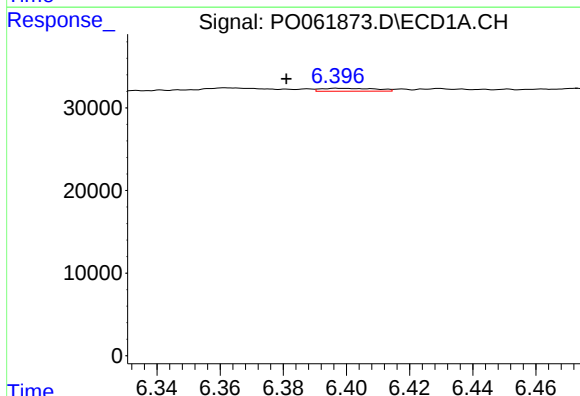
R.T.: 6.429 min
Delta R.T.: -0.041 min
Response: 4218
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



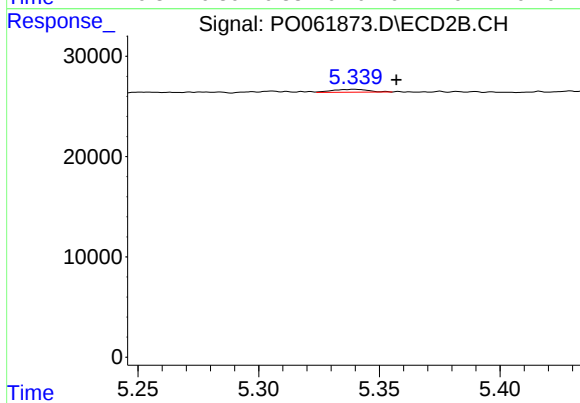
#25 AR-1248-5

R.T.: 5.416 min
Delta R.T.: 0.006 min
Response: 453
Conc: 0.30 ng/ml



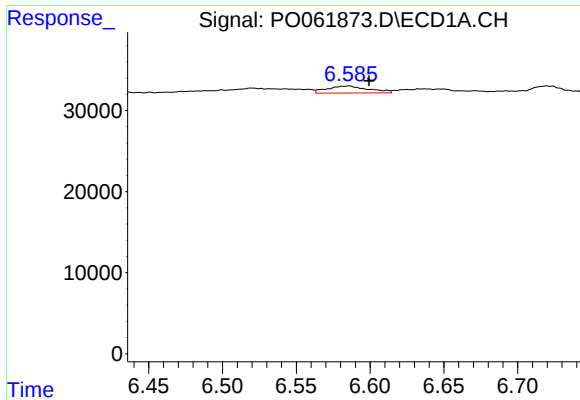
#26 AR-1254-1

R.T.: 6.398 min
Delta R.T.: 0.017 min
Response: 4345
Conc: 1.90 ng/ml



#26 AR-1254-1

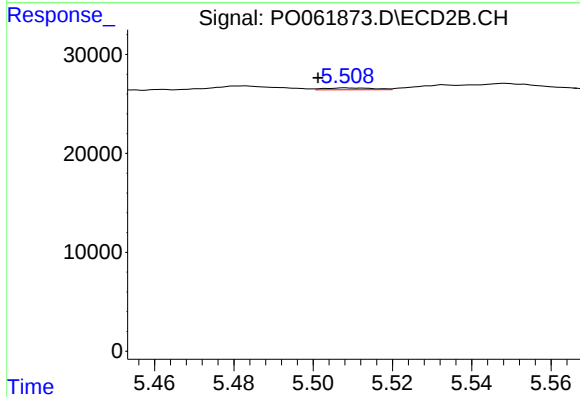
R.T.: 5.340 min
Delta R.T.: -0.017 min
Response: 3020
Conc: 1.38 ng/ml



#27 AR-1254-2

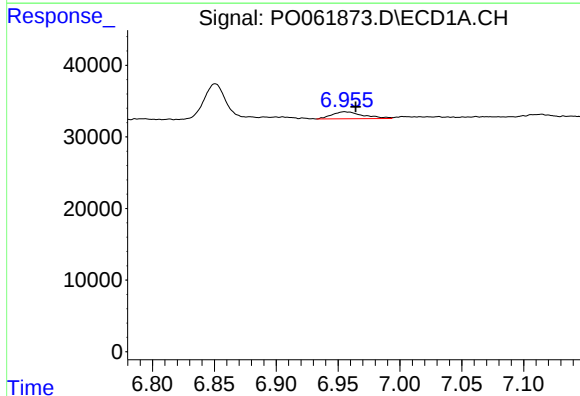
R.T.: 6.586 min
Delta R.T.: -0.014 min
Response: 16994
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



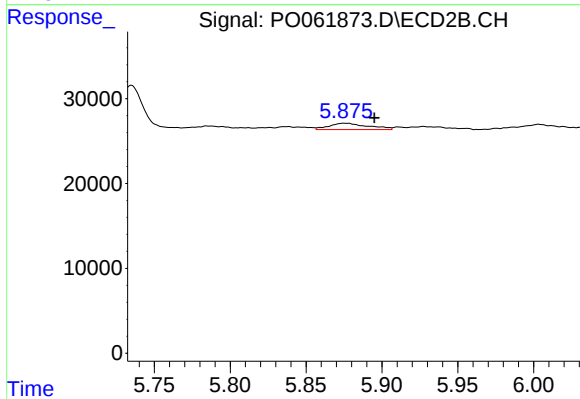
#27 AR-1254-2

R.T.: 5.508 min
Delta R.T.: 0.007 min
Response: 1643
Conc: 0.84 ng/ml



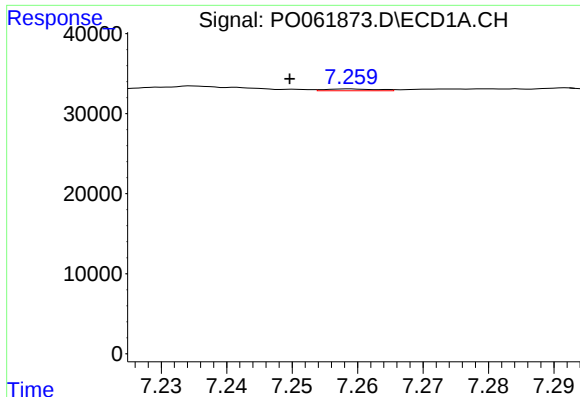
#28 AR-1254-3

R.T.: 6.955 min
Delta R.T.: -0.009 min
Response: 17385
Conc: 4.45 ng/ml



#28 AR-1254-3

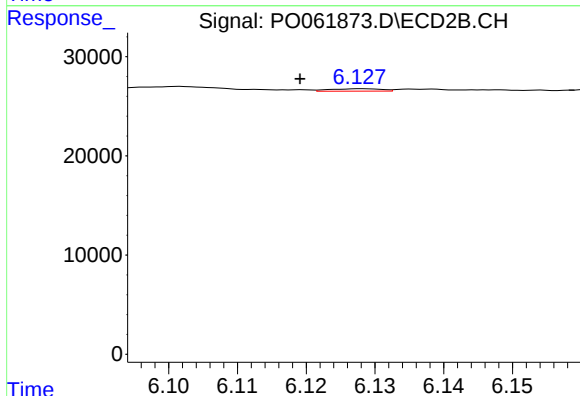
R.T.: 5.875 min
Delta R.T.: -0.020 min
Response: 13466
Conc: 4.23 ng/ml



#29 AR-1254-4

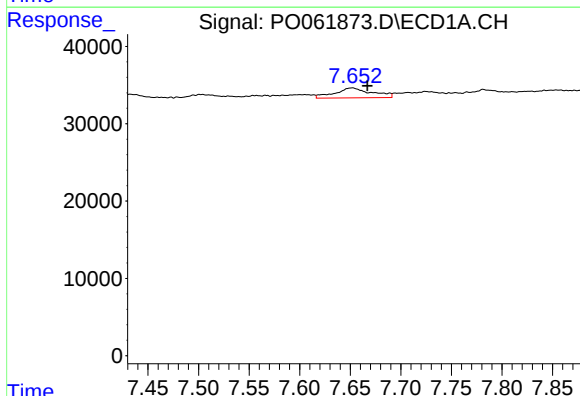
R.T.: 7.259 min
Delta R.T.: 0.009 min
Response: 1243
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



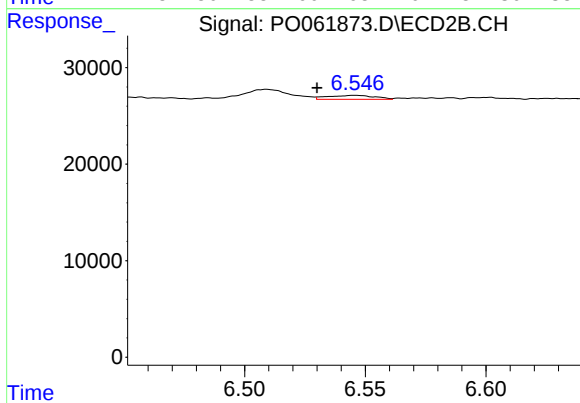
#29 AR-1254-4

R.T.: 6.128 min
Delta R.T.: 0.009 min
Response: 1274
Conc: 0.63 ng/ml



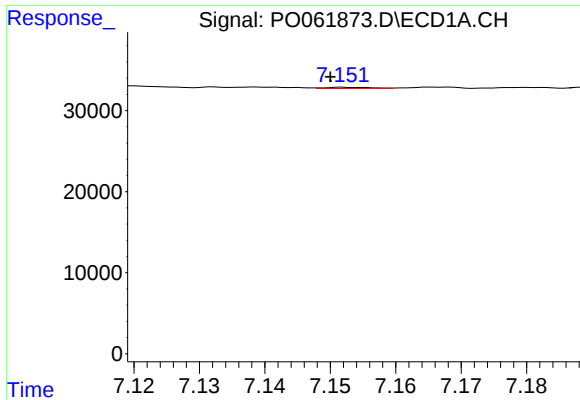
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.015 min
Response: 33026
Conc: 10.52 ng/ml



#30 AR-1254-5

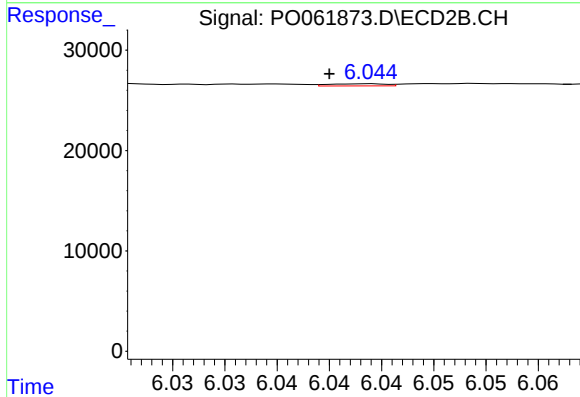
R.T.: 6.546 min
Delta R.T.: 0.016 min
Response: 5588
Conc: 1.98 ng/ml



#31 AR-1260-1

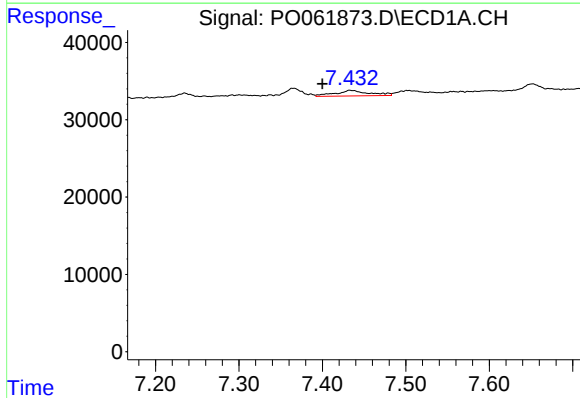
R.T.: 7.153 min
Delta R.T.: 0.003 min
Response: 702
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



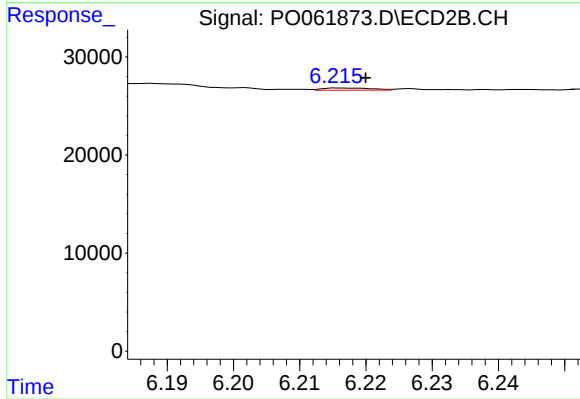
#31 AR-1260-1

R.T.: 6.044 min
Delta R.T.: 0.004 min
Response: 824
Conc: 0.40 ng/ml



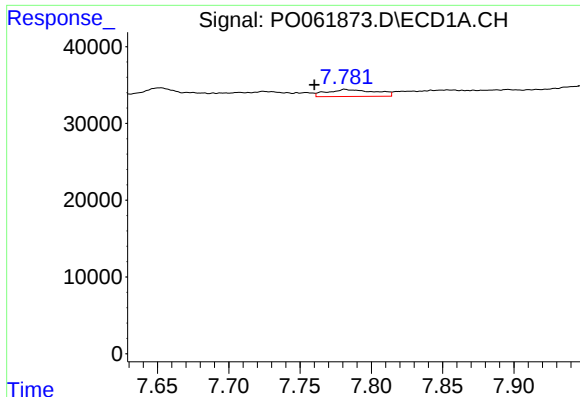
#32 AR-1260-2

R.T.: 7.433 min
Delta R.T.: 0.033 min
Response: 20718
Conc: 6.50 ng/ml



#32 AR-1260-2

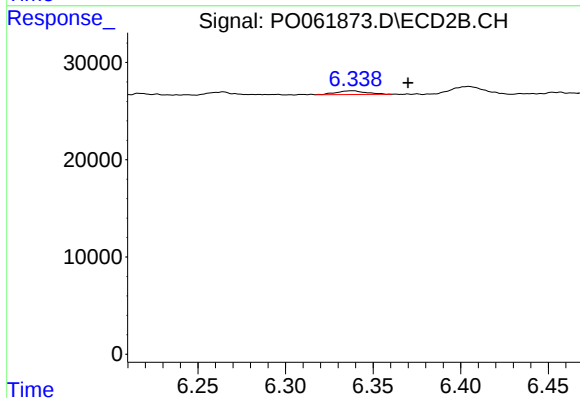
R.T.: 6.216 min
Delta R.T.: -0.004 min
Response: 1160
Conc: 0.48 ng/ml



#33 AR-1260-3

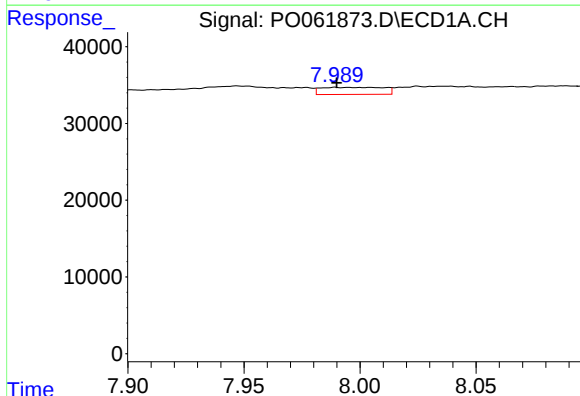
R.T.: 7.782 min
Delta R.T.: 0.022 min
Response: 21565
Conc: 8.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



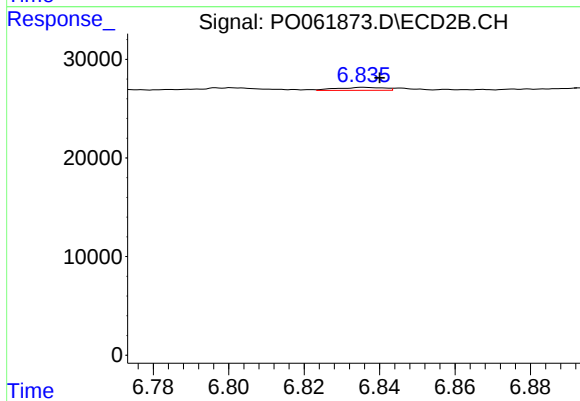
#33 AR-1260-3

R.T.: 6.339 min
Delta R.T.: -0.031 min
Response: 4481
Conc: 1.99 ng/ml



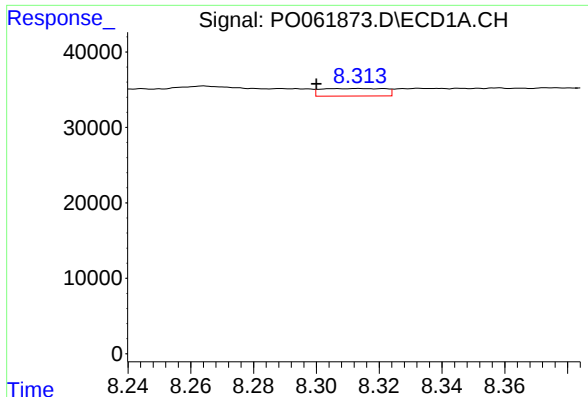
#34 AR-1260-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 17437
Conc: 6.53 ng/ml



#34 AR-1260-4

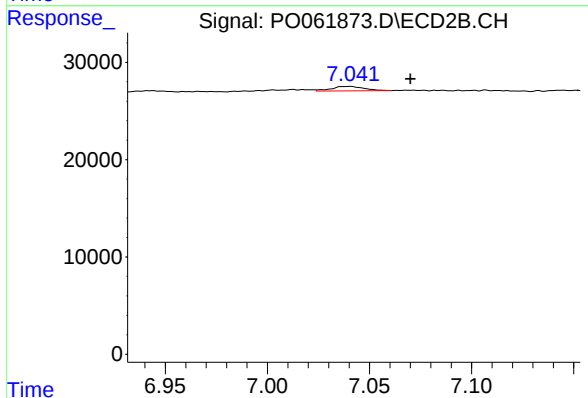
R.T.: 6.836 min
Delta R.T.: -0.004 min
Response: 2602
Conc: 1.41 ng/ml



#35 AR-1260-5

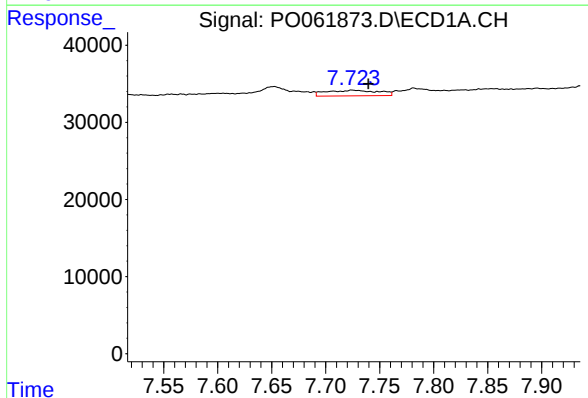
R.T.: 8.313 min
Delta R.T.: 0.013 min
Response: 13994
Conc: 2.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



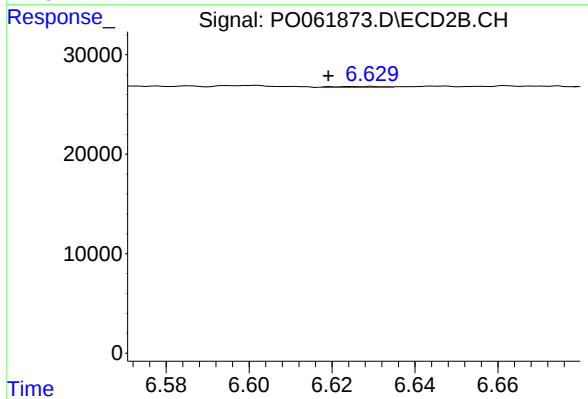
#35 AR-1260-5

R.T.: 7.041 min
Delta R.T.: -0.029 min
Response: 5019
Conc: 1.29 ng/ml



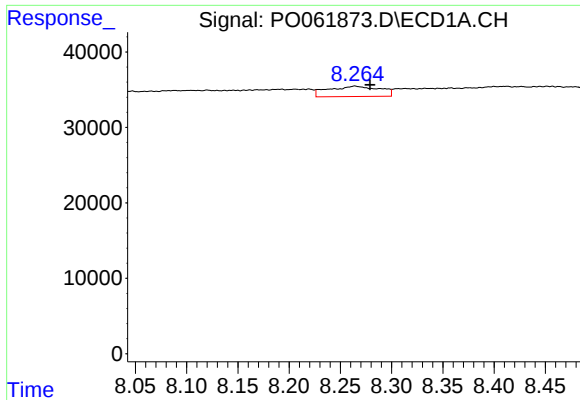
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: -0.015 min
Response: 24398
Conc: 6.37 ng/ml



#36 AR-1262-1

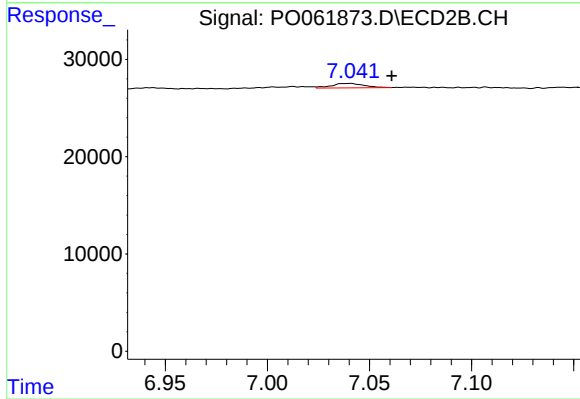
R.T.: 6.630 min
Delta R.T.: 0.011 min
Response: 791
Conc: 0.65 ng/ml



#37 AR-1262-2

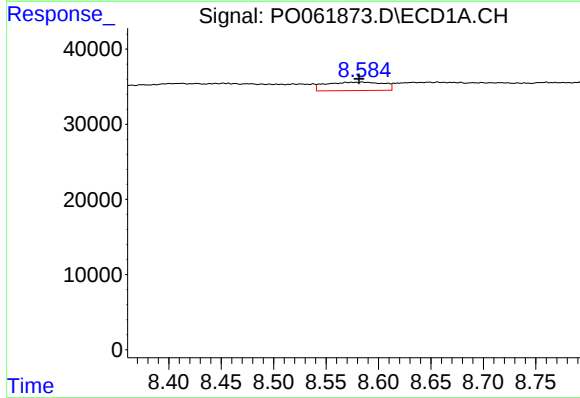
R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 47547
Conc: 7.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



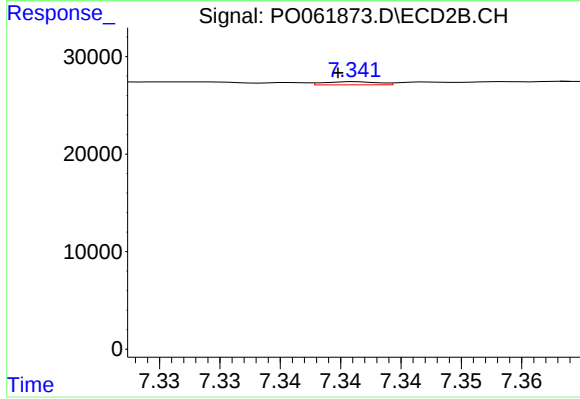
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: -0.020 min
Response: 5019
Conc: 1.09 ng/ml



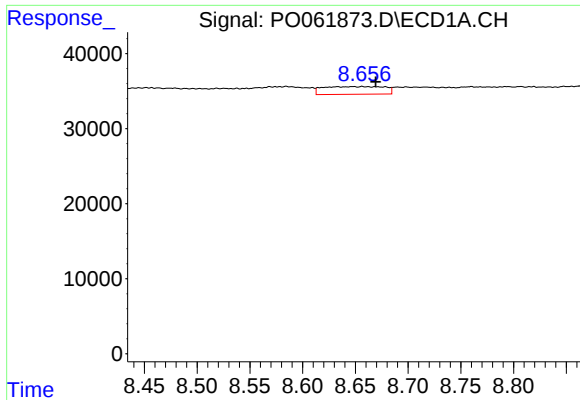
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.003 min
Response: 42548
Conc: 10.24 ng/ml



#38 AR-1262-3

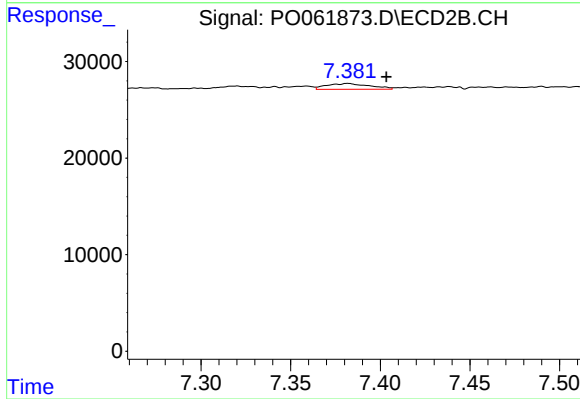
R.T.: 7.341 min
Delta R.T.: 0.002 min
Response: 1004
Conc: 0.53 ng/ml



#39 AR-1262-4

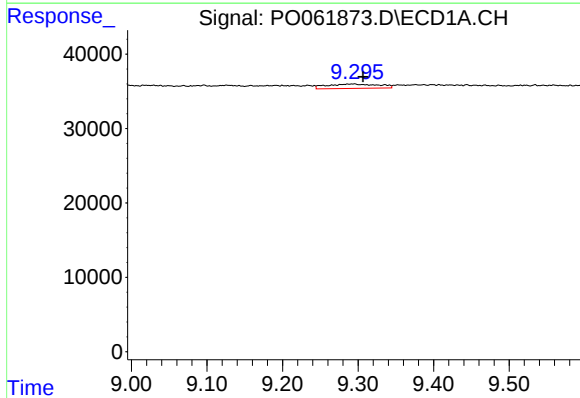
R.T.: 8.657 min
Delta R.T.: -0.012 min
Response: 41292
Conc: 13.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



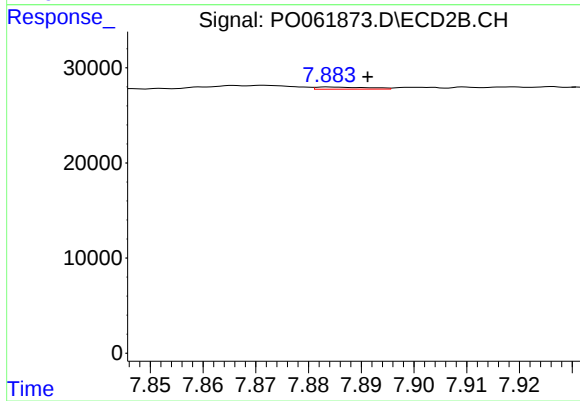
#39 AR-1262-4

R.T.: 7.382 min
Delta R.T.: -0.022 min
Response: 10134
Conc: 3.02 ng/ml



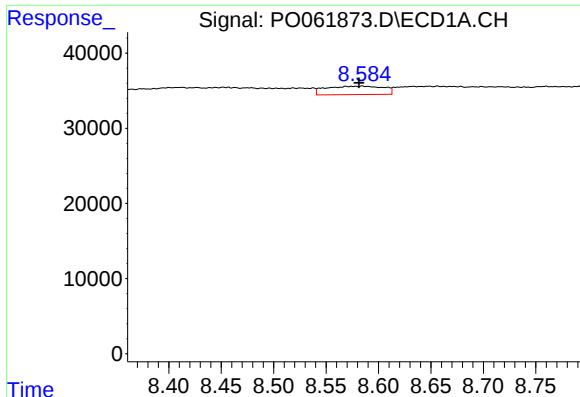
#40 AR-1262-5

R.T.: 9.293 min
Delta R.T.: -0.013 min
Response: 28240
Conc: 13.89 ng/ml



#40 AR-1262-5

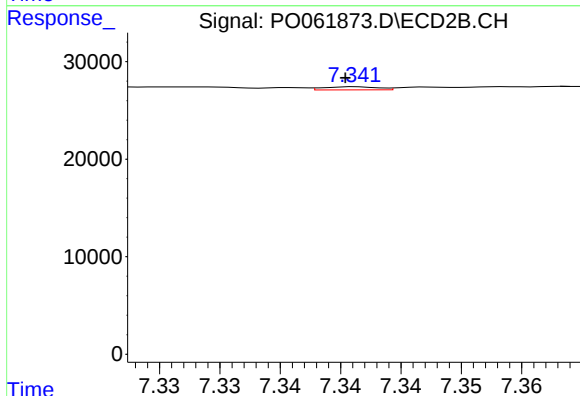
R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 1525
Conc: 1.01 ng/ml



#41 AR-1268-1

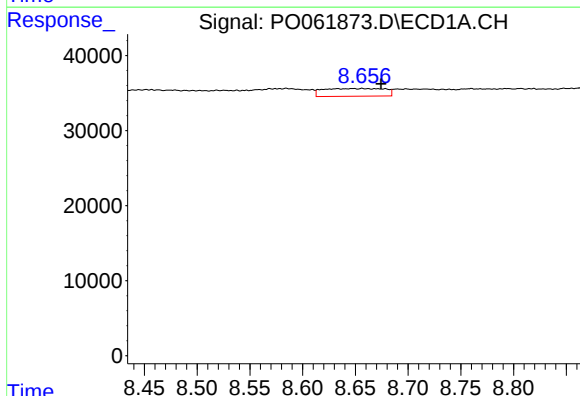
R.T.: 8.584 min
Delta R.T.: 0.003 min
Response: 42548
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



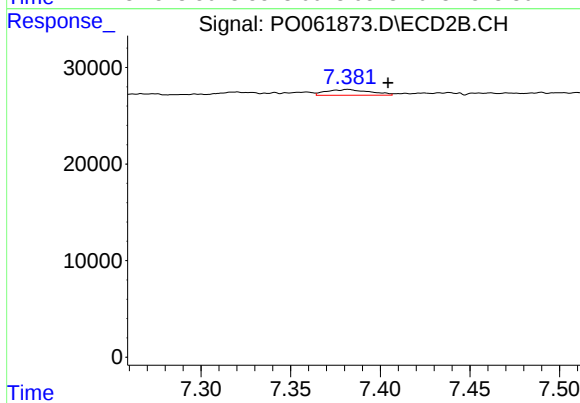
#41 AR-1268-1

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 1004
Conc: 0.21 ng/ml



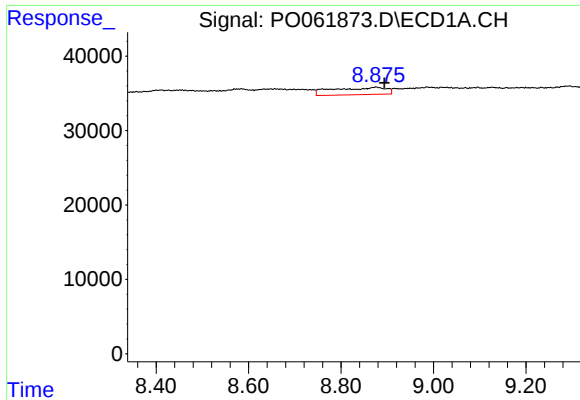
#42 AR-1268-2

R.T.: 8.657 min
Delta R.T.: -0.017 min
Response: 41292
Conc: 6.67 ng/ml



#42 AR-1268-2

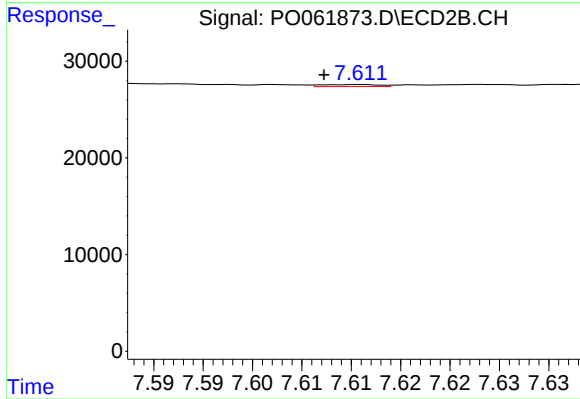
R.T.: 7.382 min
Delta R.T.: -0.023 min
Response: 10134
Conc: 2.35 ng/ml



#43 AR-1268-3

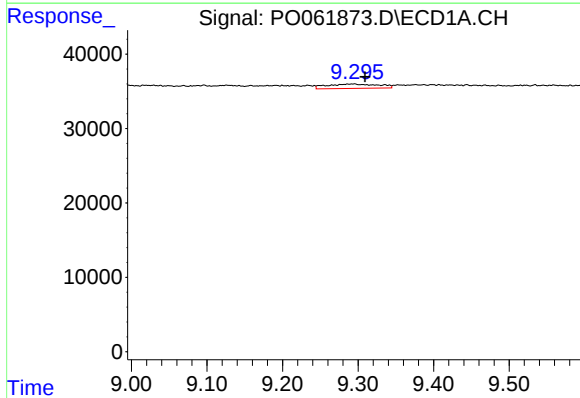
R.T.: 8.876 min
Delta R.T.: -0.018 min
Response: 78052
Conc: 15.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



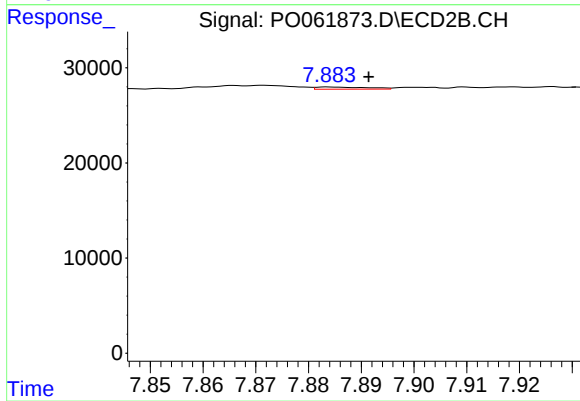
#43 AR-1268-3

R.T.: 7.611 min
Delta R.T.: 0.004 min
Response: 833
Conc: 0.23 ng/ml



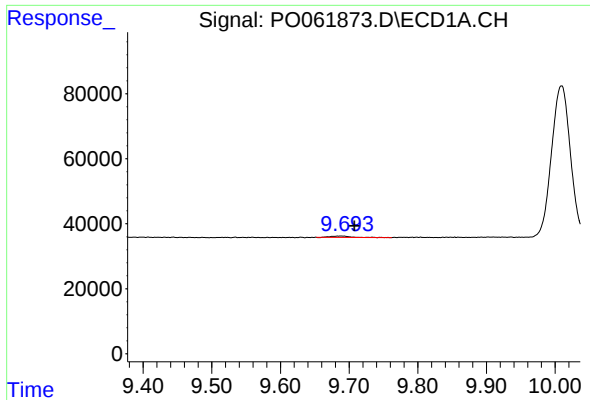
#44 AR-1268-4

R.T.: 9.293 min
Delta R.T.: -0.016 min
Response: 28240
Conc: 12.92 ng/ml



#44 AR-1268-4

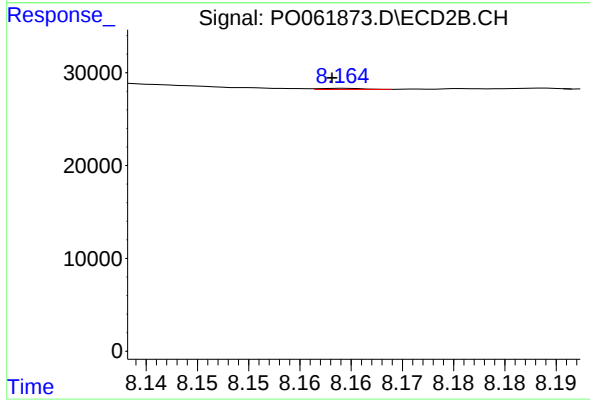
R.T.: 7.884 min
Delta R.T.: -0.008 min
Response: 1525
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 9.688 min
Delta R.T.: -0.020 min
Response: 8320
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.164 min
Delta R.T.: 0.001 min
Response: 337
Conc: 0.03 ng/ml