

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100919\
 Data File : PO061825.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2019 13:14
 Operator : HP/AJ
 Sample : K5152-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 13:31:31 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...	4.348	3.510	976194	768687	23.801	23.769
2)	SA Decachlor...	10.003	8.422	832492	6014	17.876	0.186 #
Target Compounds							
3)	L1 AR-1016-1	5.534	4.594	5957	36981	3.248	27.502 #
4)	L1 AR-1016-2	5.582	4.615	9598	9958	3.713	5.373 #
5)	L1 AR-1016-3	5.635	4.798	5239	20539	3.261	20.504 #
6)	L1 AR-1016-4	5.716	4.834	189511	41226	141.750	47.574 #
7)	L1 AR-1016-5	6.042	5.027	14387	50975	10.491	44.658 #
8)	L2 AR-1221-1	4.581	3.721	14184	21250	30.681	53.666 #
9)	L2 AR-1221-2	4.651	3.834	42587	13243	118.618	42.940 #
10)	L2 AR-1221-3	4.733	3.874	40678	71321	35.728	78.191 #
11)	L3 AR-1232-1	4.733	3.874	40678	71321	29.089	63.521 #
12)	L3 AR-1232-2	5.257	4.594	51428	36981	65.550	30.295 #
13)	L3 AR-1232-3	5.534	4.754	5957	33864	3.486	51.290 #
14)	L3 AR-1232-4	5.716	4.849	189511	45075	214.189	71.507 #
15)	L3 AR-1232-5	5.783	5.027	28935	50975	41.734	74.291 #
16)	L4 AR-1242-1	5.534	4.574	5957	40821	4.194	39.845 #
17)	L4 AR-1242-2	5.534	4.594	5957	36981	2.964	26.223 #
18)	L4 AR-1242-3	5.635	4.754	5239	33864	4.152	43.367 #
19)	L4 AR-1242-4	5.716	4.834	189511	41226	180.355	50.238 #
20)	L4 AR-1242-5	6.430	5.359	24228	116365	18.114	108.626 #
21)	L5 AR-1248-1	5.534	4.594	5957	36981	5.070	41.328 #
22)	L5 AR-1248-2	5.833	4.834	3255	41226	1.929	34.988 #
23)	L5 AR-1248-3	6.042	4.849	14387	45075	7.698	36.313 #
24)	L5 AR-1248-4	6.430	5.027	24228	50975	10.254	33.909 #
25)	L5 AR-1248-5	6.458	5.415	47237	9053	20.833	5.901 #
26)	L6 AR-1254-1	6.395	5.359	54566	116365	23.918	53.055 #
27)	L6 AR-1254-2	6.585	5.503	75241	21372	20.825	10.901 #
28)	L6 AR-1254-3	6.954	5.891	147322	24796	37.704	7.788 #
29)	L6 AR-1254-4	7.264	6.118	44621	1510	14.733	0.744 #
30)	L6 AR-1254-5	7.683	6.542	72009	19137	22.930	6.766 #
31)	L7 AR-1260-1	7.145	6.066	37953	23081	14.538	11.316
32)	L7 AR-1260-2	7.431	6.219	115546	36547	36.244	15.217 #
33)	L7 AR-1260-3	7.772	6.371	130615	10543	54.380	4.679 #
34)	L7 AR-1260-4	7.967	6.836	119181	15837	44.603	8.578 #
35)	L7 AR-1260-5	8.293	7.084	43538	12238	8.799	3.143 #
36)	L8 AR-1262-1	7.722	6.605	73683	23046	19.231	18.880
37)	L8 AR-1262-2	8.293	7.039	43538	29177	7.013	6.345
38)	L8 AR-1262-3	8.587	7.358	176398	39286	42.441	20.854 #
39)	L8 AR-1262-4	8.698	7.375	105702	34780	33.483	10.349 #
40)	L8 AR-1262-5	9.283	7.890	90403	13077	44.454	8.626 #
41)	L9 AR-1268-1	8.587	7.358	176398	39286	26.232	8.135 #

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 Sample : K5152-01
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 ALS Vial : 16 Sample Multiplier: 1

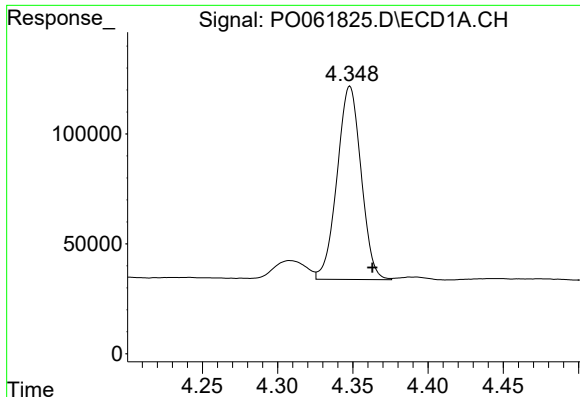
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 13:31:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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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	8.698	7.375	105702	34780	17.069	8.070 #
43) L9	AR-1268-3	8.912	7.615	96070	14777	18.793	4.123 #
44) L9	AR-1268-4	9.283	7.890	90403	13077	41.344	8.125 #
45) L9	AR-1268-5	9.731	8.178	2697	394	0.180	0.039 #

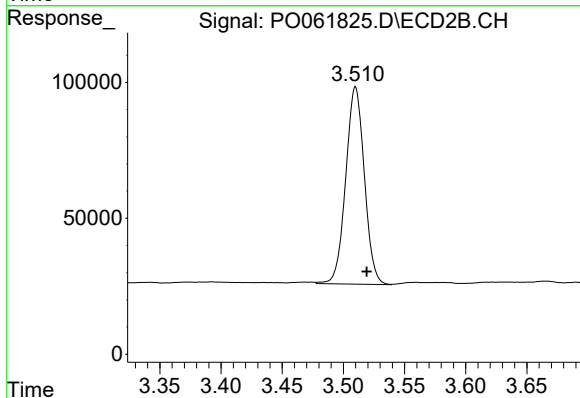
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

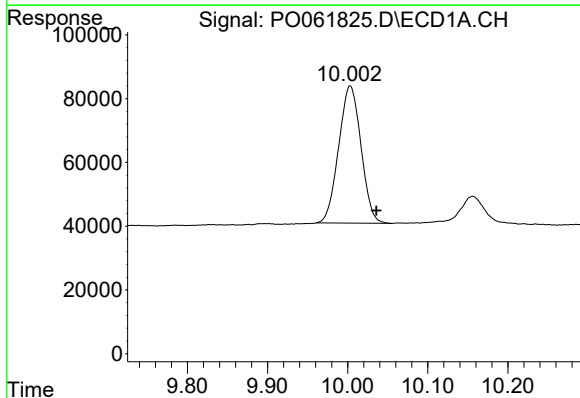
R.T.: 4.348 min
Delta R.T.: -0.015 min
Response: 976194
Conc: 23.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



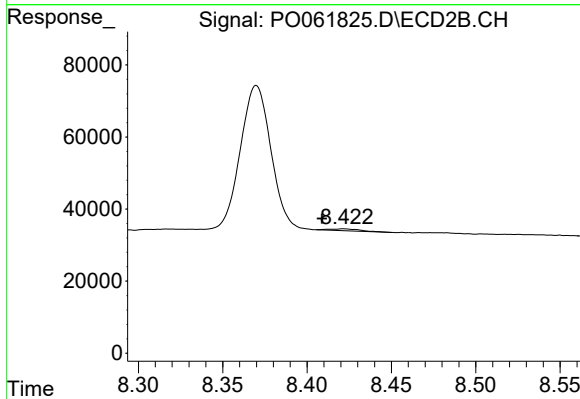
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.009 min
Response: 768687
Conc: 23.77 ng/ml



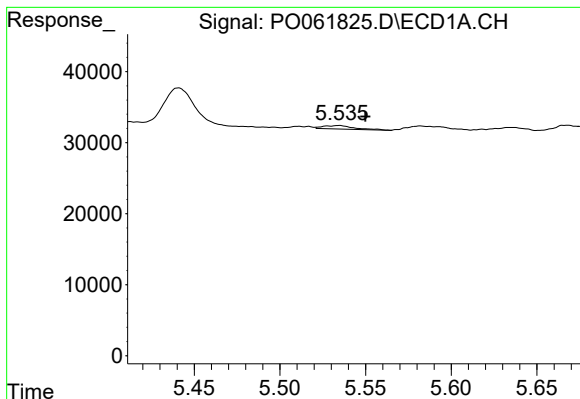
#2 Decachlorobiphenyl

R.T.: 10.003 min
Delta R.T.: -0.033 min
Response: 832492
Conc: 17.88 ng/ml



#2 Decachlorobiphenyl

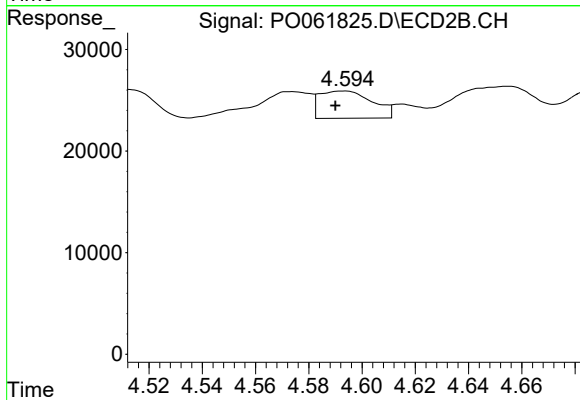
R.T.: 8.422 min
Delta R.T.: 0.013 min
Response: 6014
Conc: 0.19 ng/ml



#3 AR-1016-1

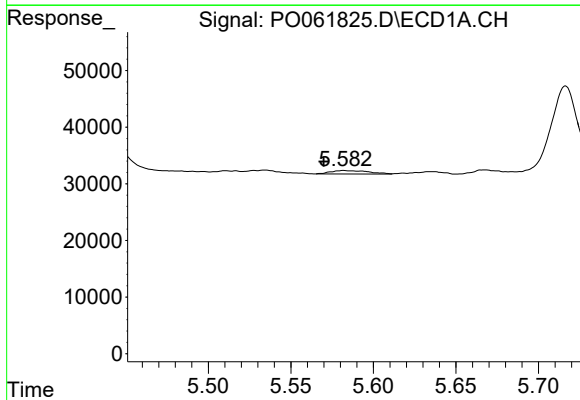
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 5957
Conc: 3.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



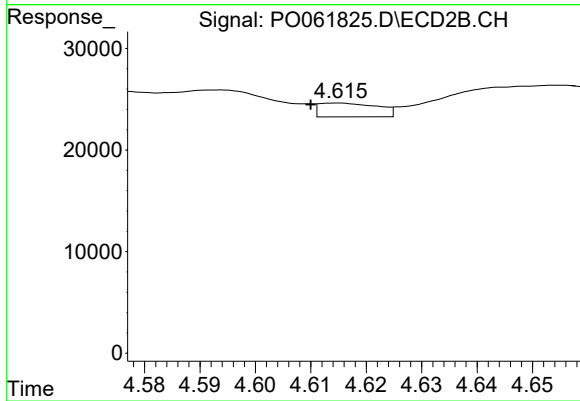
#3 AR-1016-1

R.T.: 4.594 min
Delta R.T.: 0.004 min
Response: 36981
Conc: 27.50 ng/ml



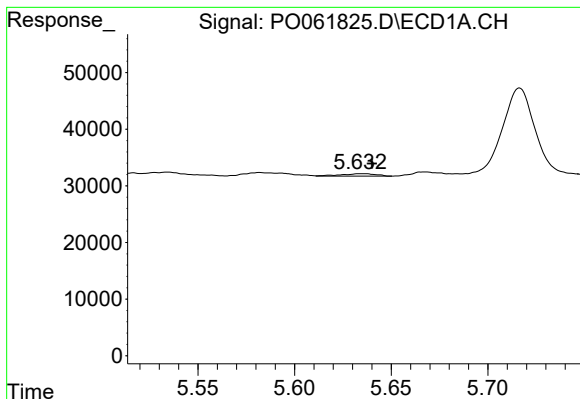
#4 AR-1016-2

R.T.: 5.582 min
Delta R.T.: 0.012 min
Response: 9598
Conc: 3.71 ng/ml



#4 AR-1016-2

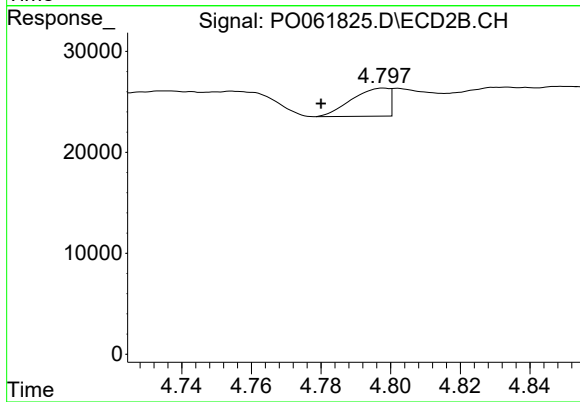
R.T.: 4.615 min
Delta R.T.: 0.005 min
Response: 9958
Conc: 5.37 ng/ml



#5 AR-1016-3

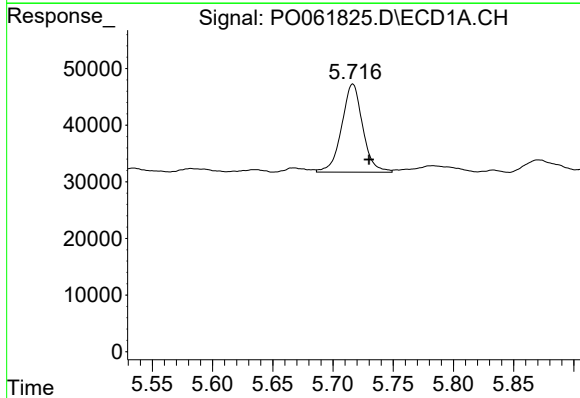
R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 5239
Conc: 3.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



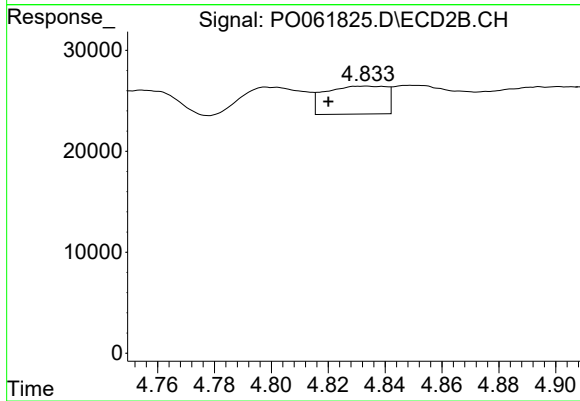
#5 AR-1016-3

R.T.: 4.798 min
Delta R.T.: 0.018 min
Response: 20539
Conc: 20.50 ng/ml



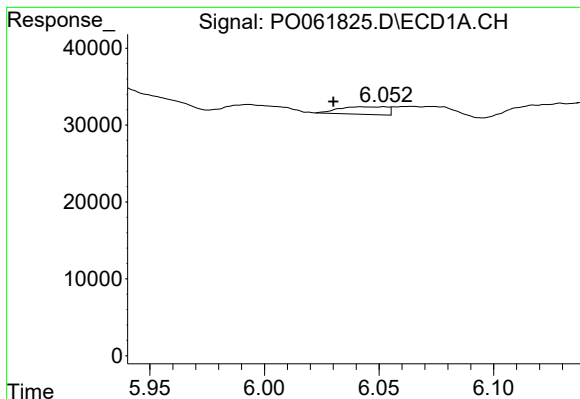
#6 AR-1016-4

R.T.: 5.716 min
Delta R.T.: -0.014 min
Response: 189511
Conc: 141.75 ng/ml



#6 AR-1016-4

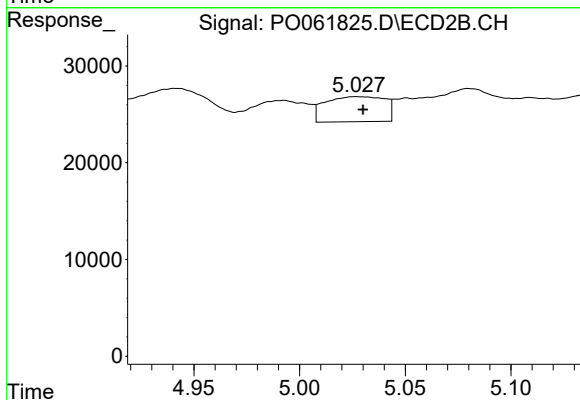
R.T.: 4.834 min
Delta R.T.: 0.014 min
Response: 41226
Conc: 47.57 ng/ml



#7 AR-1016-5

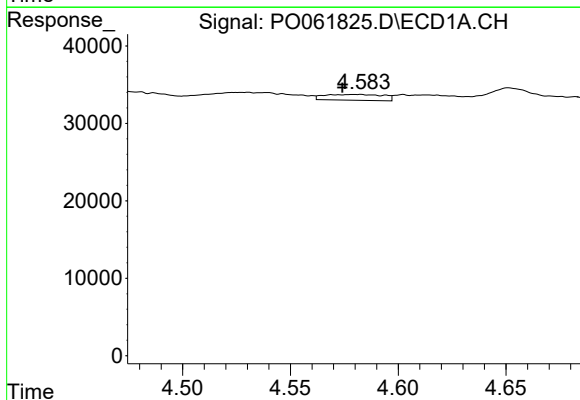
R.T.: 6.042 min
Delta R.T.: 0.012 min
Response: 14387
Conc: 10.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



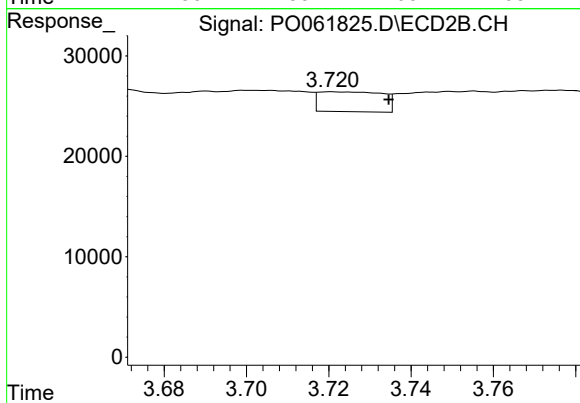
#7 AR-1016-5

R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 50975
Conc: 44.66 ng/ml



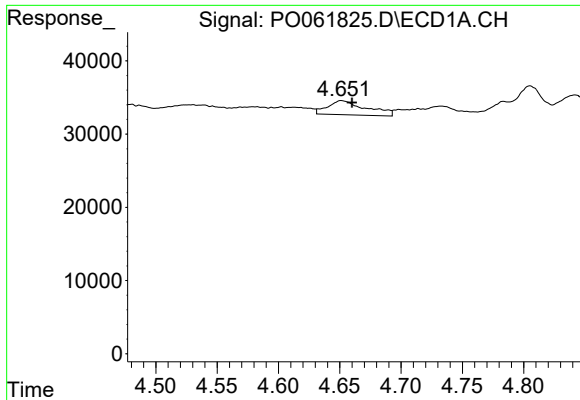
#8 AR-1221-1

R.T.: 4.581 min
Delta R.T.: 0.007 min
Response: 14184
Conc: 30.68 ng/ml



#8 AR-1221-1

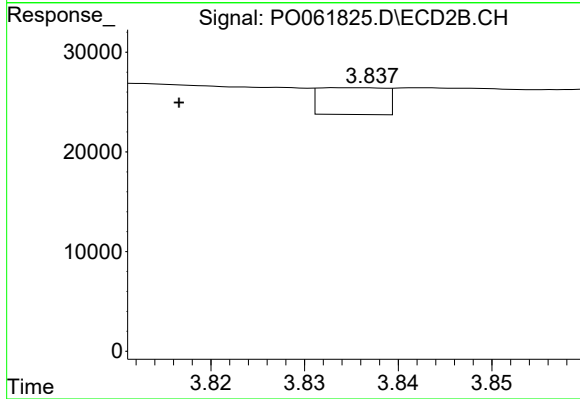
R.T.: 3.721 min
Delta R.T.: -0.014 min
Response: 21250
Conc: 53.67 ng/ml



#9 AR-1221-2

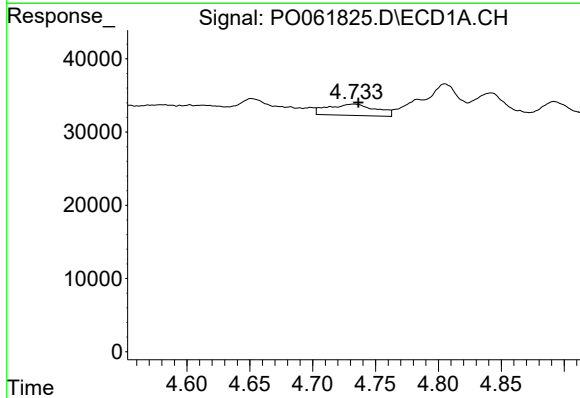
R.T.: 4.651 min
Delta R.T.: -0.009 min
Response: 42587
Conc: 118.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



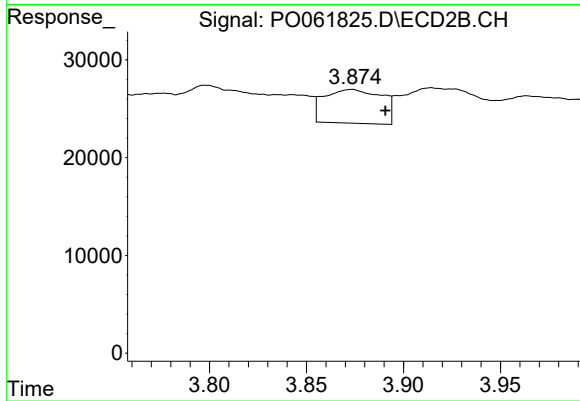
#9 AR-1221-2

R.T.: 3.834 min
Delta R.T.: 0.017 min
Response: 13243
Conc: 42.94 ng/ml



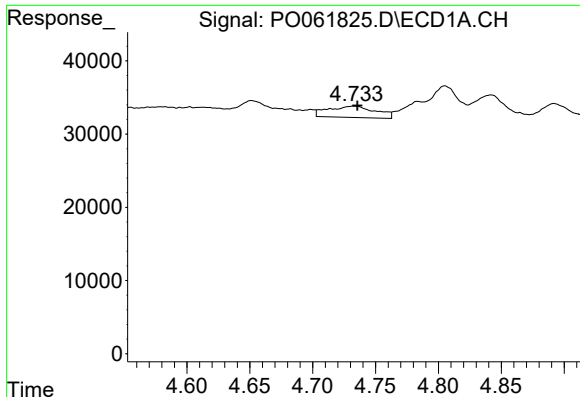
#10 AR-1221-3

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 40678
Conc: 35.73 ng/ml



#10 AR-1221-3

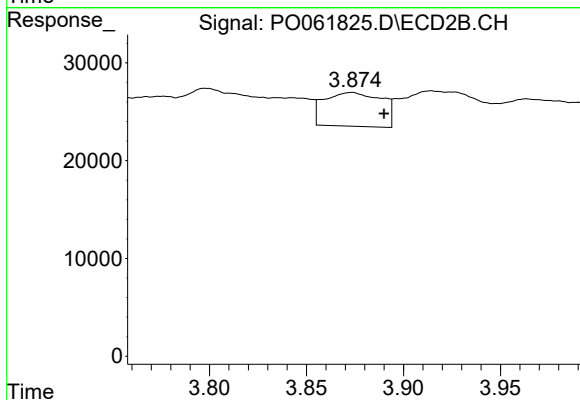
R.T.: 3.874 min
Delta R.T.: -0.017 min
Response: 71321
Conc: 78.19 ng/ml



#11 AR-1232-1

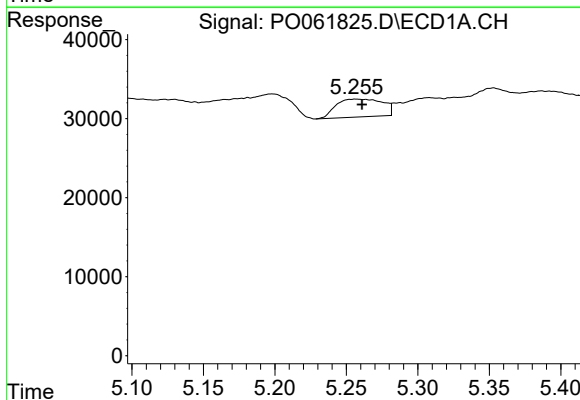
R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 40678
Conc: 29.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



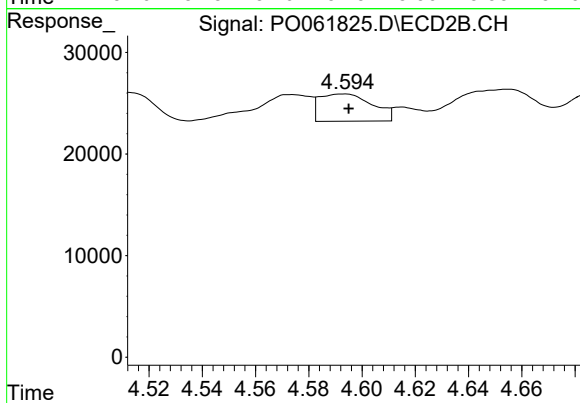
#11 AR-1232-1

R.T.: 3.874 min
Delta R.T.: -0.016 min
Response: 71321
Conc: 63.52 ng/ml



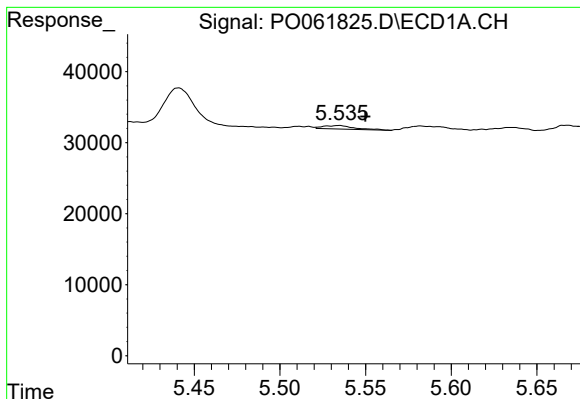
#12 AR-1232-2

R.T.: 5.257 min
Delta R.T.: -0.004 min
Response: 51428
Conc: 65.55 ng/ml



#12 AR-1232-2

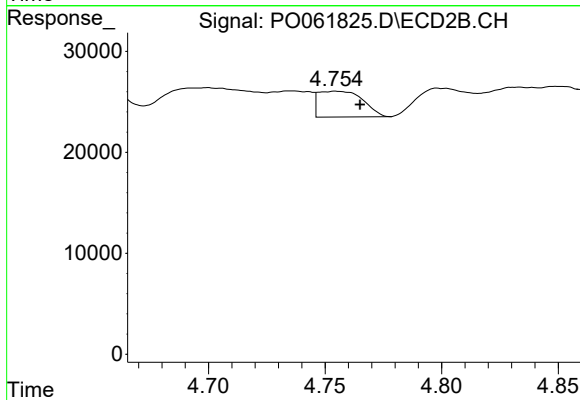
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 36981
Conc: 30.30 ng/ml



#13 AR-1232-3

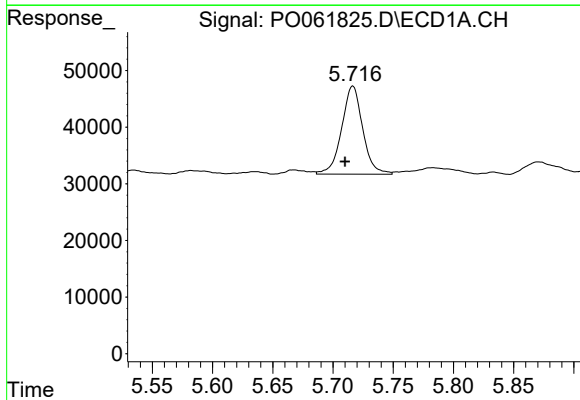
R.T.: 5.534 min
Delta R.T.: -0.015 min
Response: 5957
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



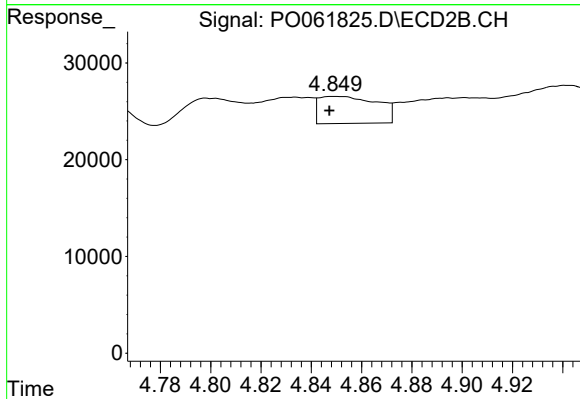
#13 AR-1232-3

R.T.: 4.754 min
Delta R.T.: -0.011 min
Response: 33864
Conc: 51.29 ng/ml



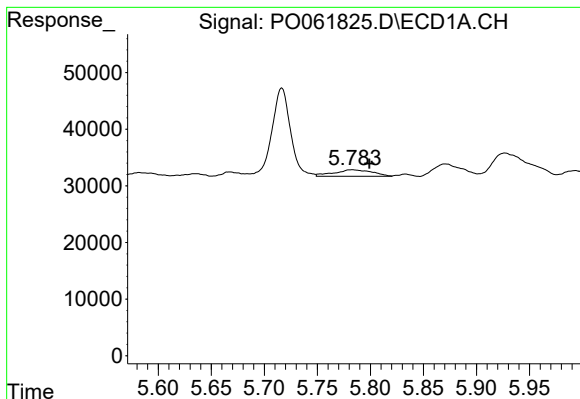
#14 AR-1232-4

R.T.: 5.716 min
Delta R.T.: 0.007 min
Response: 189511
Conc: 214.19 ng/ml



#14 AR-1232-4

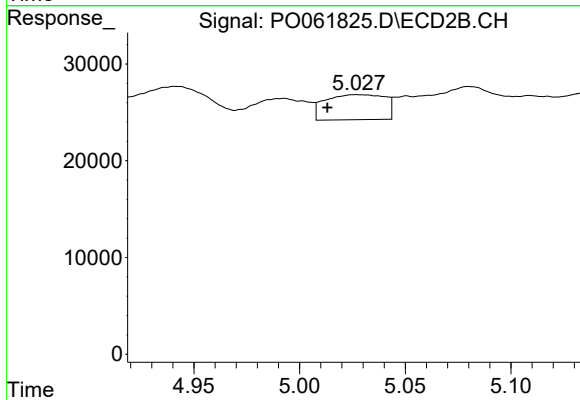
R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 45075
Conc: 71.51 ng/ml



#15 AR-1232-5

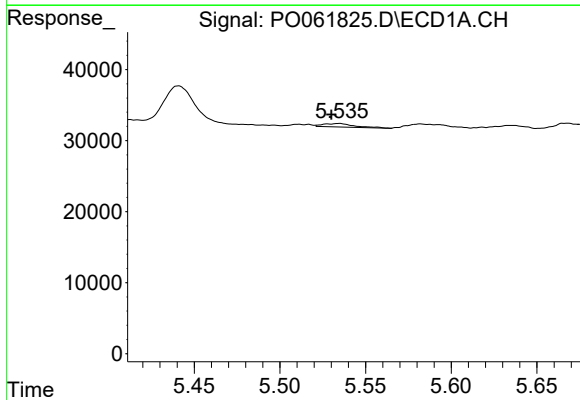
R.T.: 5.783 min
Delta R.T.: -0.016 min
Response: 28935
Conc: 41.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



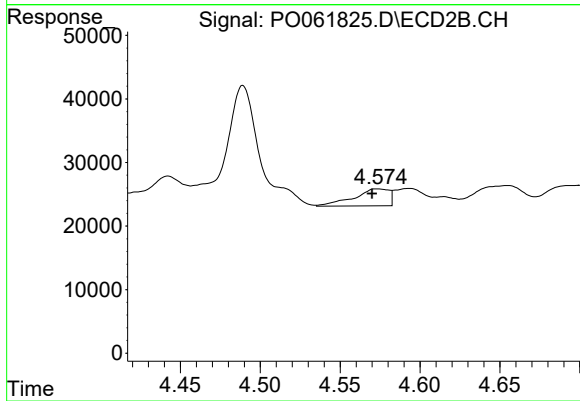
#15 AR-1232-5

R.T.: 5.027 min
Delta R.T.: 0.014 min
Response: 50975
Conc: 74.29 ng/ml



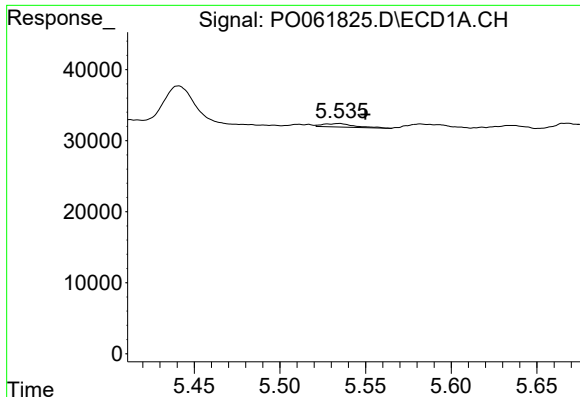
#16 AR-1242-1

R.T.: 5.534 min
Delta R.T.: 0.004 min
Response: 5957
Conc: 4.19 ng/ml



#16 AR-1242-1

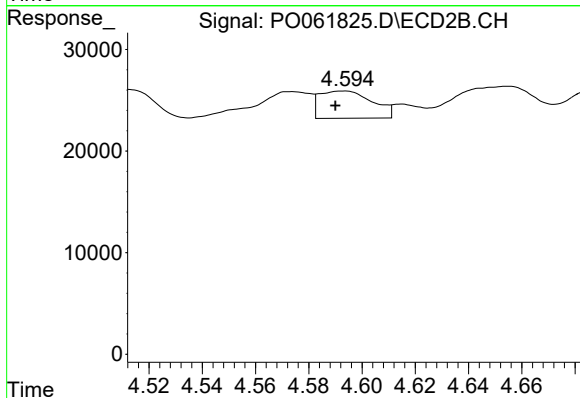
R.T.: 4.574 min
Delta R.T.: 0.004 min
Response: 40821
Conc: 39.84 ng/ml



#17 AR-1242-2

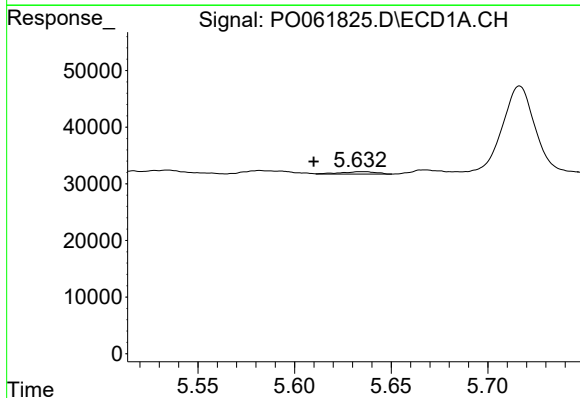
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 5957
Conc: 2.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



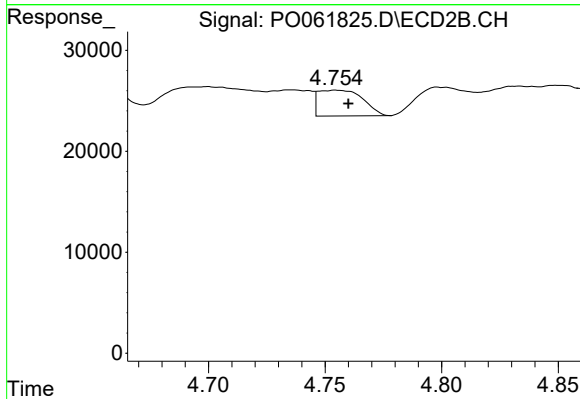
#17 AR-1242-2

R.T.: 4.594 min
Delta R.T.: 0.004 min
Response: 36981
Conc: 26.22 ng/ml



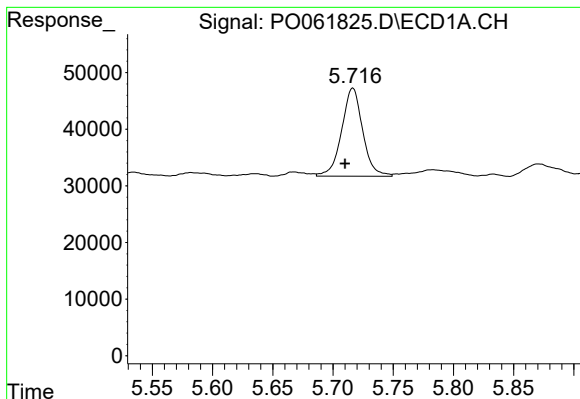
#18 AR-1242-3

R.T.: 5.635 min
Delta R.T.: 0.025 min
Response: 5239
Conc: 4.15 ng/ml



#18 AR-1242-3

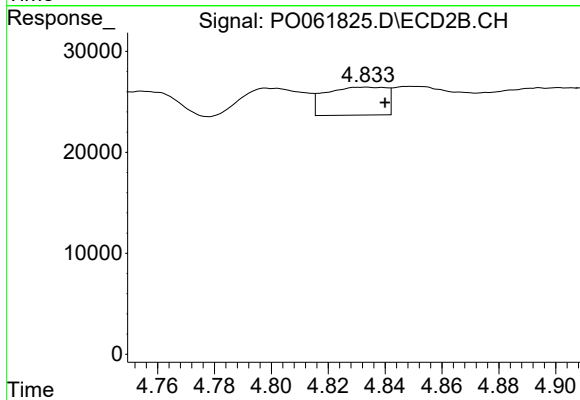
R.T.: 4.754 min
Delta R.T.: -0.006 min
Response: 33864
Conc: 43.37 ng/ml



#19 AR-1242-4

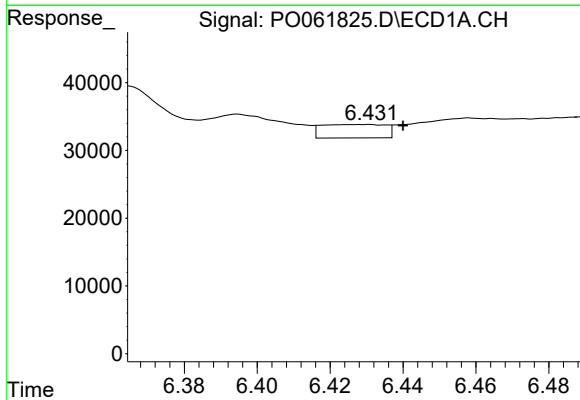
R.T.: 5.716 min
Delta R.T.: 0.006 min
Response: 189511
Conc: 180.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



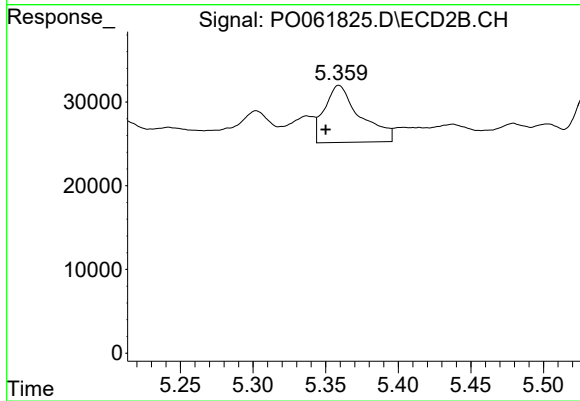
#19 AR-1242-4

R.T.: 4.834 min
Delta R.T.: -0.006 min
Response: 41226
Conc: 50.24 ng/ml



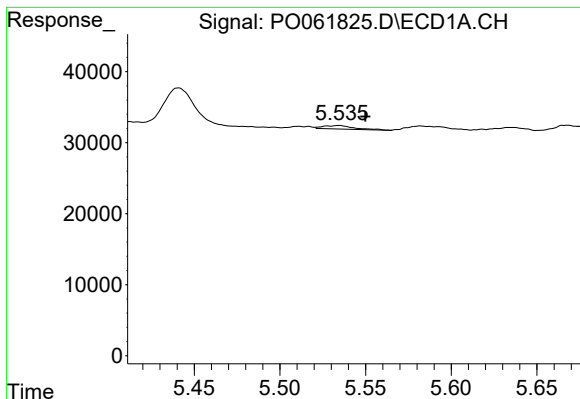
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: -0.010 min
Response: 24228
Conc: 18.11 ng/ml



#20 AR-1242-5

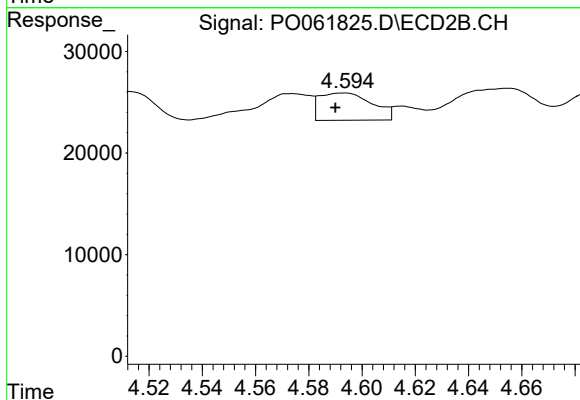
R.T.: 5.359 min
Delta R.T.: 0.009 min
Response: 116365
Conc: 108.63 ng/ml



#21 AR-1248-1

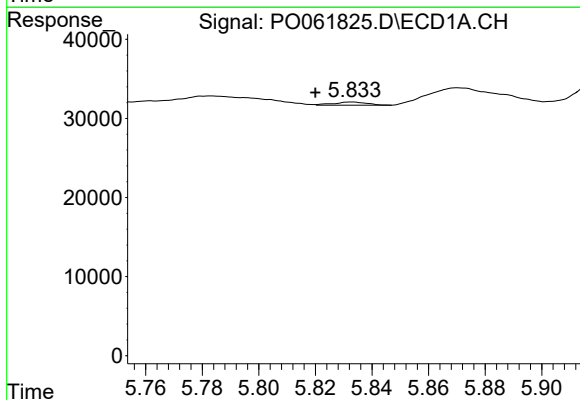
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 5957
Conc: 5.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



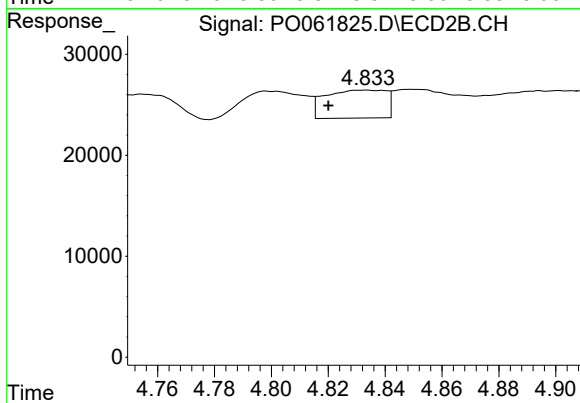
#21 AR-1248-1

R.T.: 4.594 min
Delta R.T.: 0.004 min
Response: 36981
Conc: 41.33 ng/ml



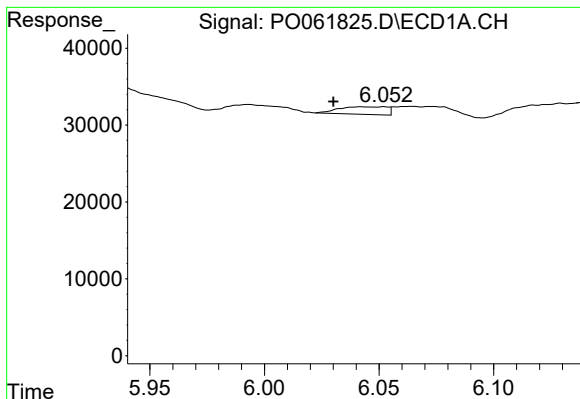
#22 AR-1248-2

R.T.: 5.833 min
Delta R.T.: 0.013 min
Response: 3255
Conc: 1.93 ng/ml



#22 AR-1248-2

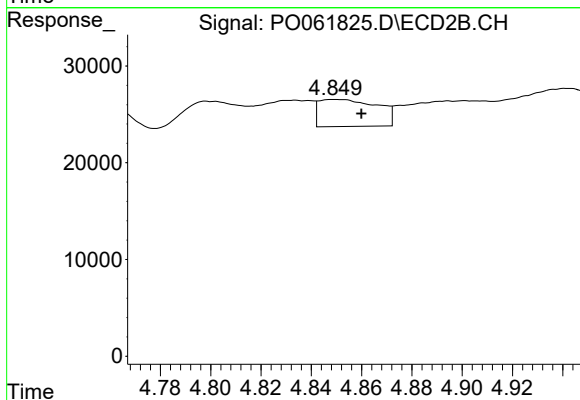
R.T.: 4.834 min
Delta R.T.: 0.014 min
Response: 41226
Conc: 34.99 ng/ml



#23 AR-1248-3

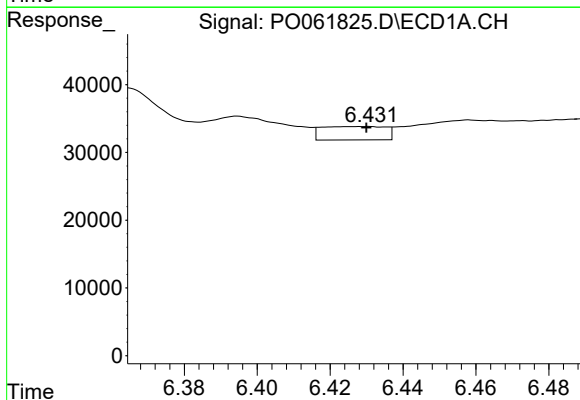
R.T.: 6.042 min
Delta R.T.: 0.012 min
Response: 14387
Conc: 7.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



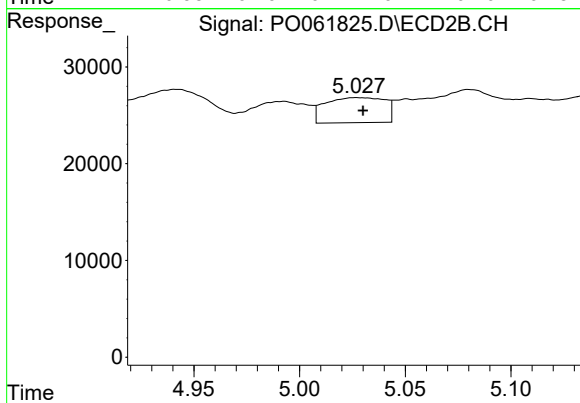
#23 AR-1248-3

R.T.: 4.849 min
Delta R.T.: -0.011 min
Response: 45075
Conc: 36.31 ng/ml



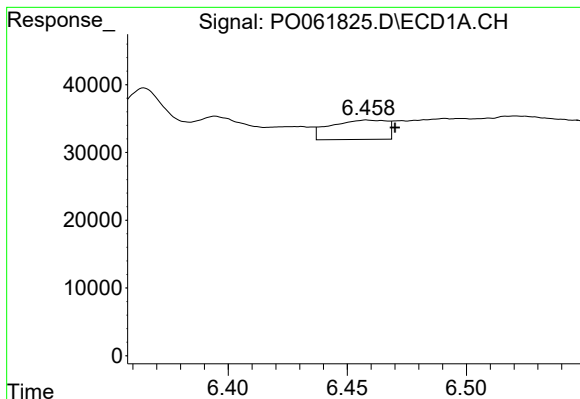
#24 AR-1248-4

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 24228
Conc: 10.25 ng/ml



#24 AR-1248-4

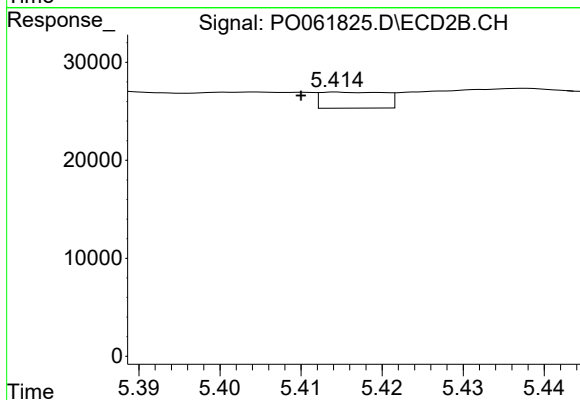
R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 50975
Conc: 33.91 ng/ml



#25 AR-1248-5

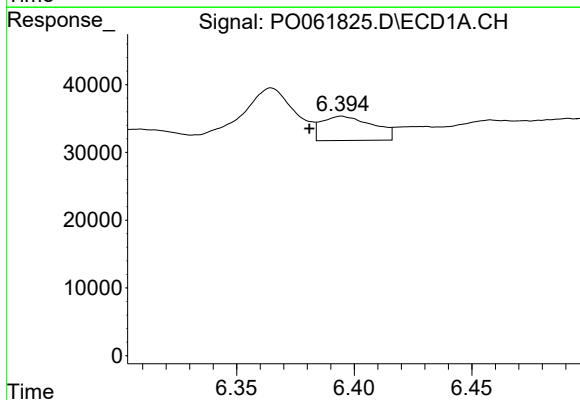
R.T.: 6.458 min
Delta R.T.: -0.012 min
Response: 47237
Conc: 20.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



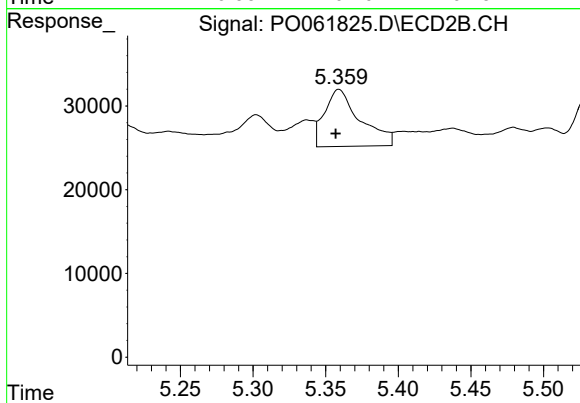
#25 AR-1248-5

R.T.: 5.415 min
Delta R.T.: 0.005 min
Response: 9053
Conc: 5.90 ng/ml



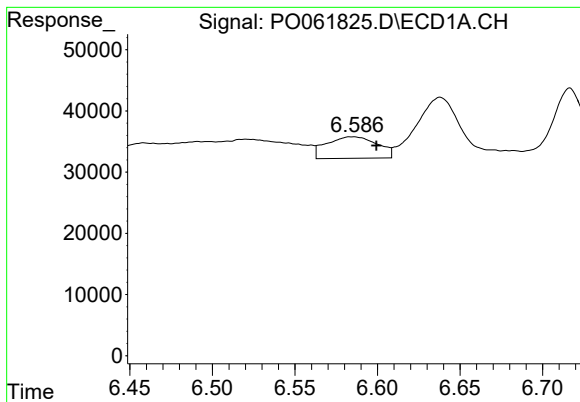
#26 AR-1254-1

R.T.: 6.395 min
Delta R.T.: 0.014 min
Response: 54566
Conc: 23.92 ng/ml



#26 AR-1254-1

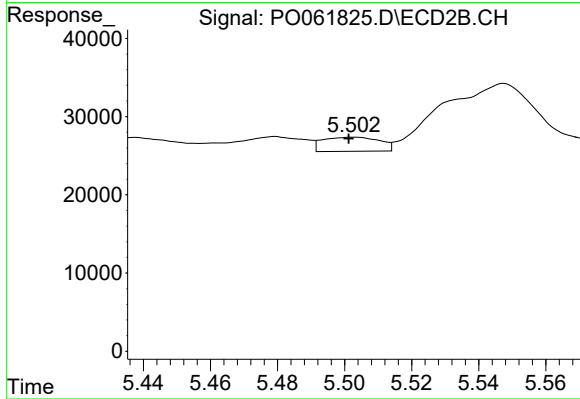
R.T.: 5.359 min
Delta R.T.: 0.002 min
Response: 116365
Conc: 53.05 ng/ml



#27 AR-1254-2

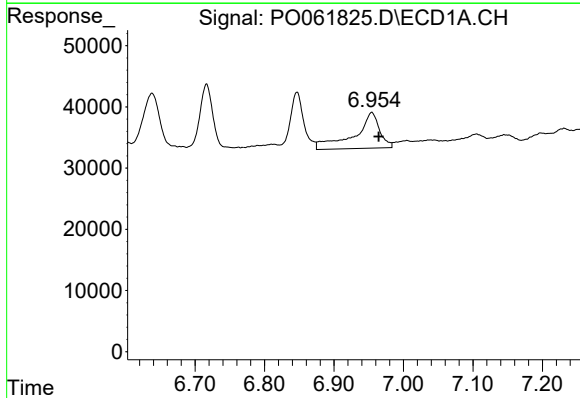
R.T.: 6.585 min
Delta R.T.: -0.014 min
Response: 75241
Conc: 20.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



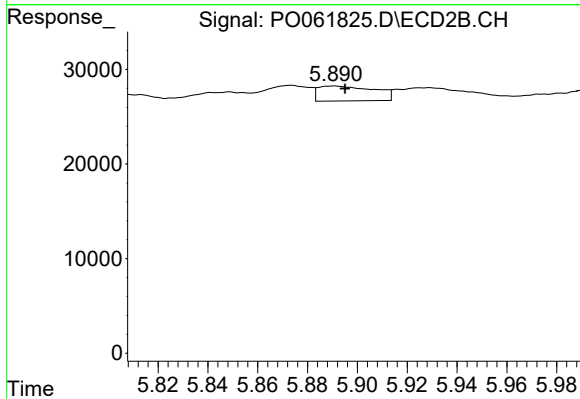
#27 AR-1254-2

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 21372
Conc: 10.90 ng/ml



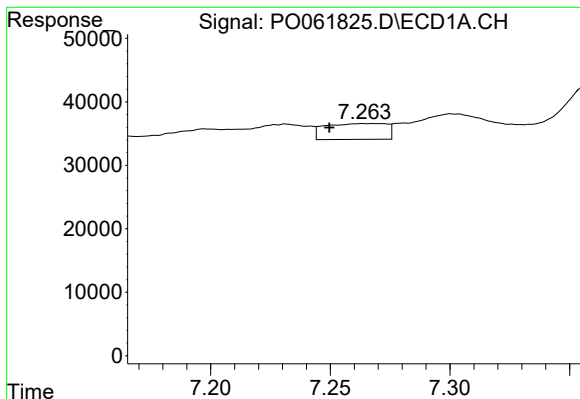
#28 AR-1254-3

R.T.: 6.954 min
Delta R.T.: -0.010 min
Response: 147322
Conc: 37.70 ng/ml



#28 AR-1254-3

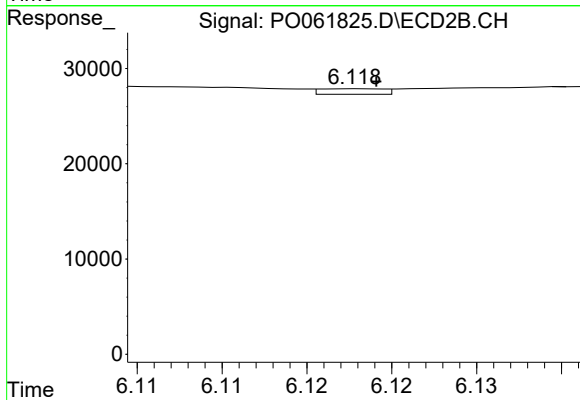
R.T.: 5.891 min
Delta R.T.: -0.004 min
Response: 24796
Conc: 7.79 ng/ml



#29 AR-1254-4

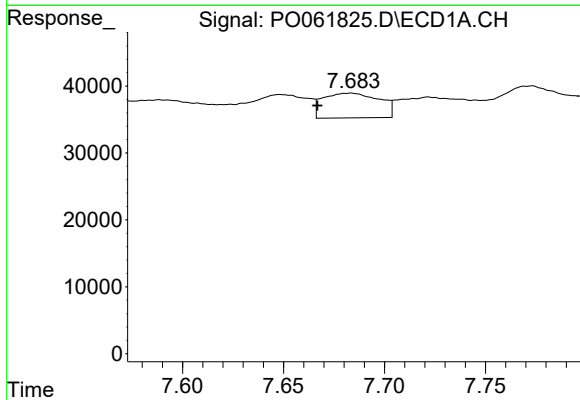
R.T.: 7.264 min
Delta R.T.: 0.015 min
Response: 44621
Conc: 14.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



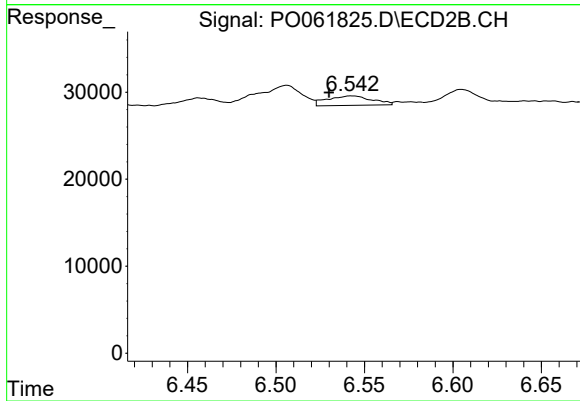
#29 AR-1254-4

R.T.: 6.118 min
Delta R.T.: -0.001 min
Response: 1510
Conc: 0.74 ng/ml



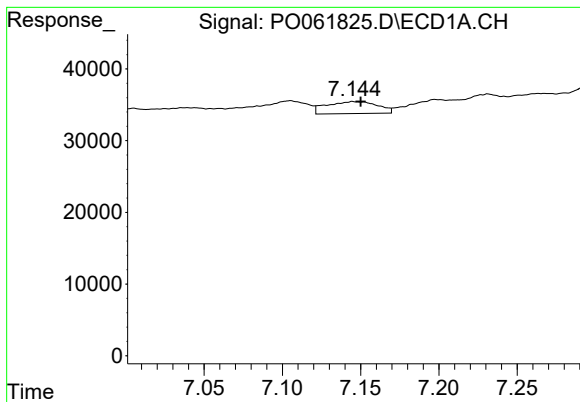
#30 AR-1254-5

R.T.: 7.683 min
Delta R.T.: 0.016 min
Response: 72009
Conc: 22.93 ng/ml



#30 AR-1254-5

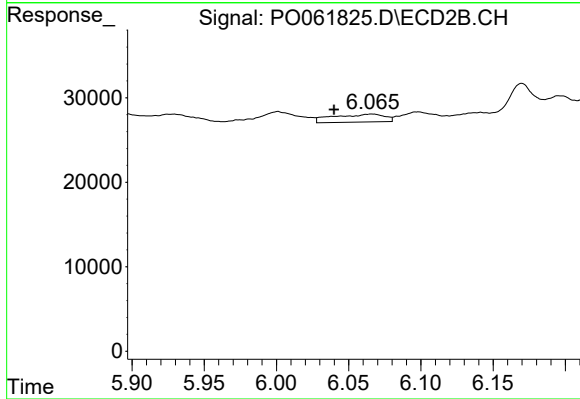
R.T.: 6.542 min
Delta R.T.: 0.012 min
Response: 19137
Conc: 6.77 ng/ml



#31 AR-1260-1

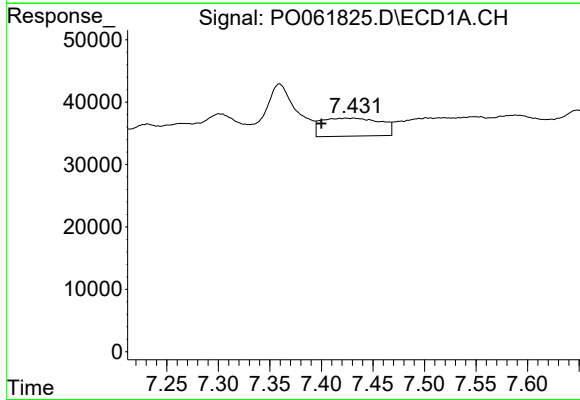
R.T.: 7.145 min
Delta R.T.: -0.005 min
Response: 37953
Conc: 14.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



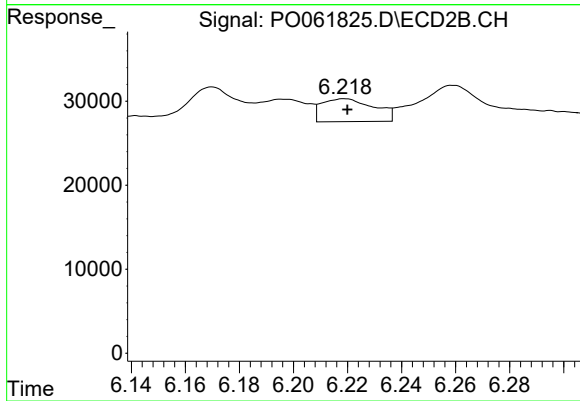
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: 0.026 min
Response: 23081
Conc: 11.32 ng/ml



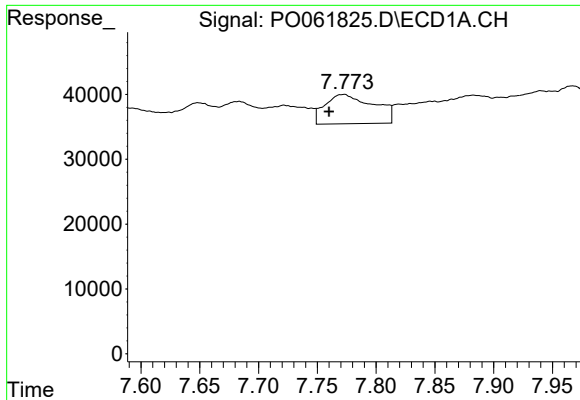
#32 AR-1260-2

R.T.: 7.431 min
Delta R.T.: 0.031 min
Response: 115546
Conc: 36.24 ng/ml



#32 AR-1260-2

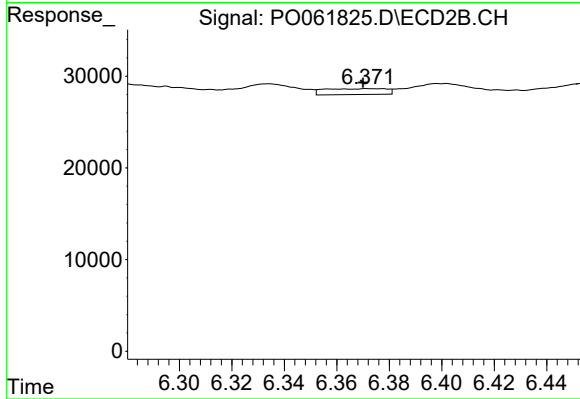
R.T.: 6.219 min
Delta R.T.: -0.001 min
Response: 36547
Conc: 15.22 ng/ml



#33 AR-1260-3

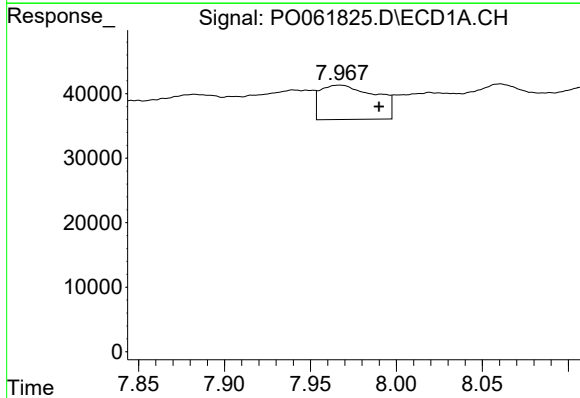
R.T.: 7.772 min
Delta R.T.: 0.012 min
Response: 130615
Conc: 54.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



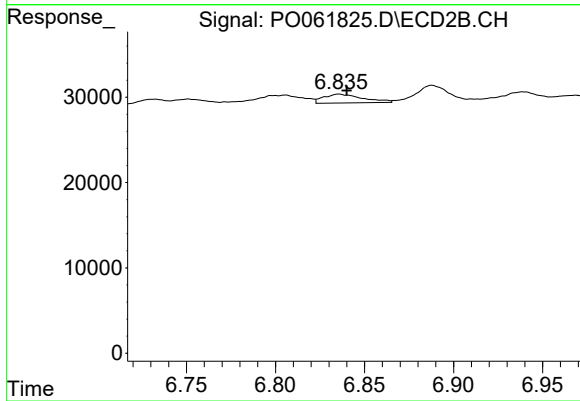
#33 AR-1260-3

R.T.: 6.371 min
Delta R.T.: 0.001 min
Response: 10543
Conc: 4.68 ng/ml



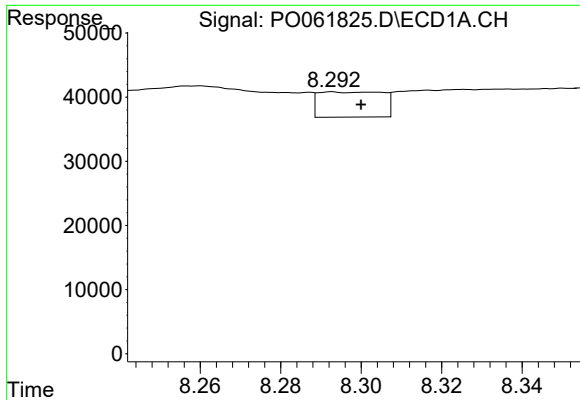
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: -0.023 min
Response: 119181
Conc: 44.60 ng/ml



#34 AR-1260-4

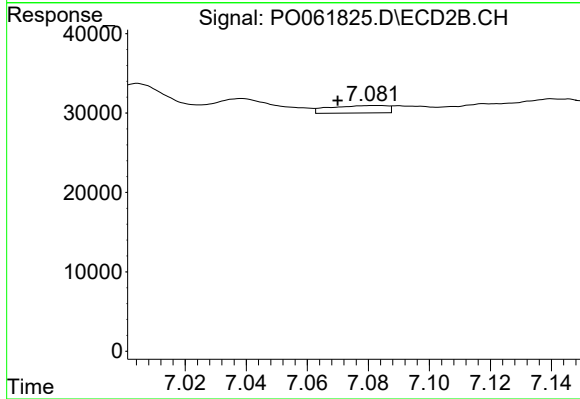
R.T.: 6.836 min
Delta R.T.: -0.004 min
Response: 15837
Conc: 8.58 ng/ml



#35 AR-1260-5

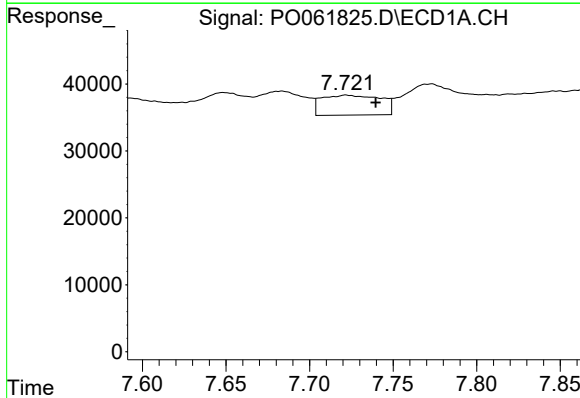
R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 43538
Conc: 8.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



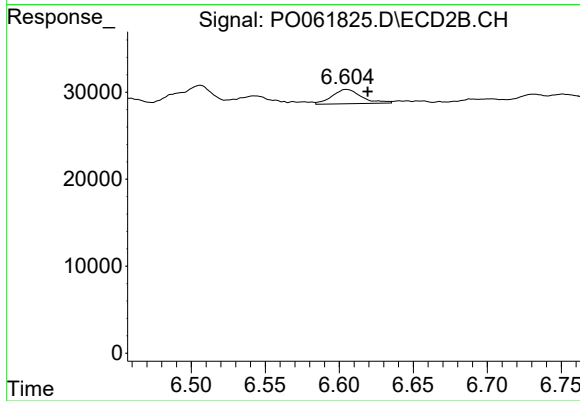
#35 AR-1260-5

R.T.: 7.084 min
Delta R.T.: 0.014 min
Response: 12238
Conc: 3.14 ng/ml



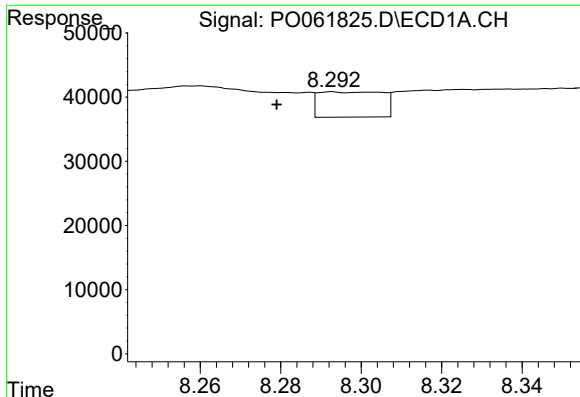
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.018 min
Response: 73683
Conc: 19.23 ng/ml



#36 AR-1262-1

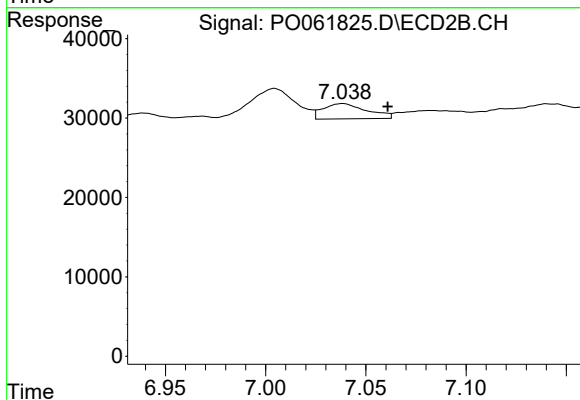
R.T.: 6.605 min
Delta R.T.: -0.014 min
Response: 23046
Conc: 18.88 ng/ml



#37 AR-1262-2

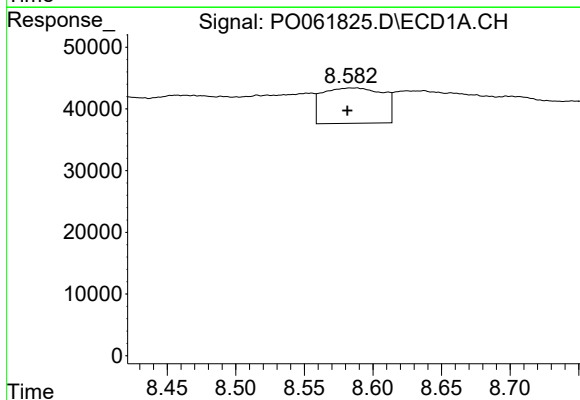
R.T.: 8.293 min
Delta R.T.: 0.014 min
Response: 43538
Conc: 7.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



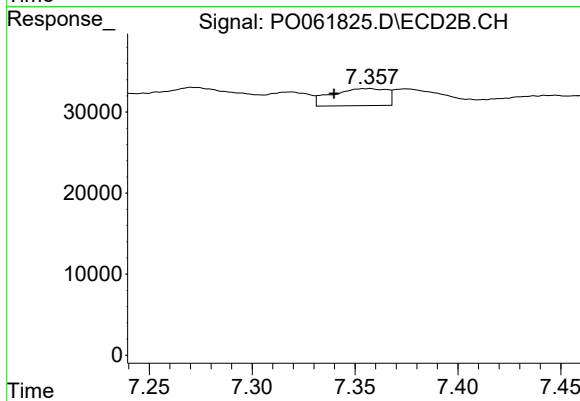
#37 AR-1262-2

R.T.: 7.039 min
Delta R.T.: -0.022 min
Response: 29177
Conc: 6.35 ng/ml



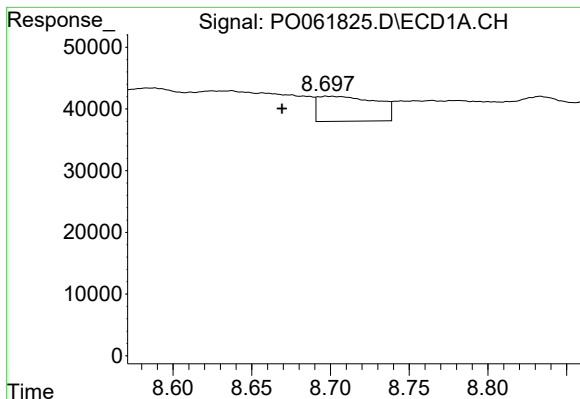
#38 AR-1262-3

R.T.: 8.587 min
Delta R.T.: 0.006 min
Response: 176398
Conc: 42.44 ng/ml



#38 AR-1262-3

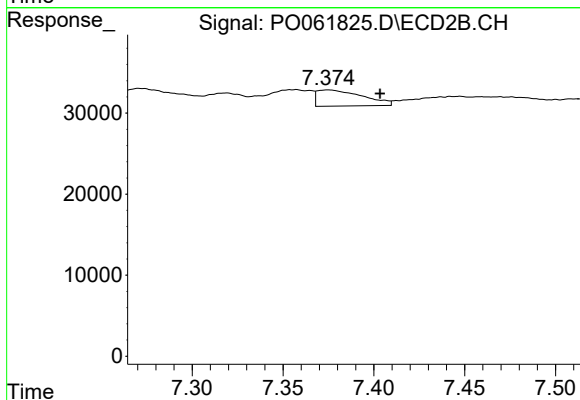
R.T.: 7.358 min
Delta R.T.: 0.018 min
Response: 39286
Conc: 20.85 ng/ml



#39 AR-1262-4

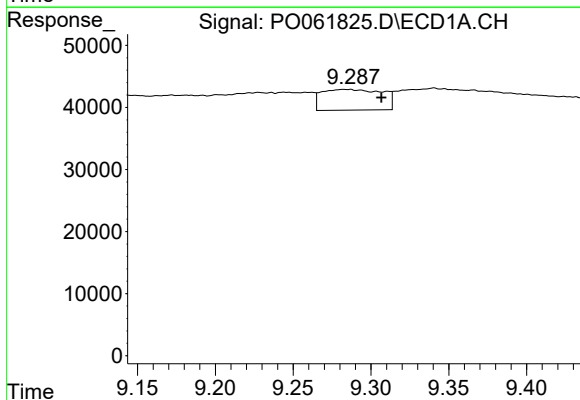
R.T.: 8.698 min
Delta R.T.: 0.029 min
Response: 105702
Conc: 33.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



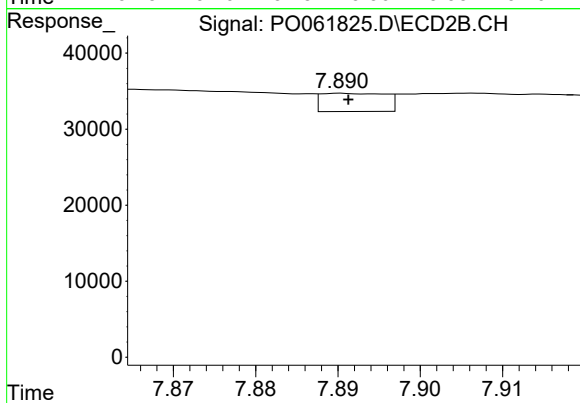
#39 AR-1262-4

R.T.: 7.375 min
Delta R.T.: -0.029 min
Response: 34780
Conc: 10.35 ng/ml



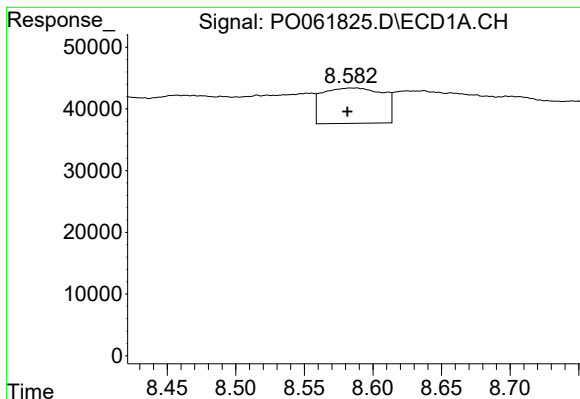
#40 AR-1262-5

R.T.: 9.283 min
Delta R.T.: -0.024 min
Response: 90403
Conc: 44.45 ng/ml



#40 AR-1262-5

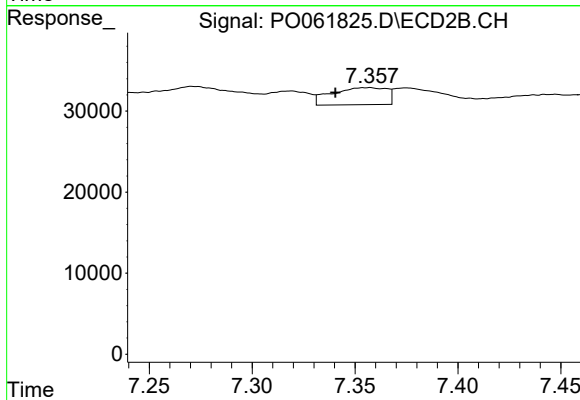
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 13077
Conc: 8.63 ng/ml



#41 AR-1268-1

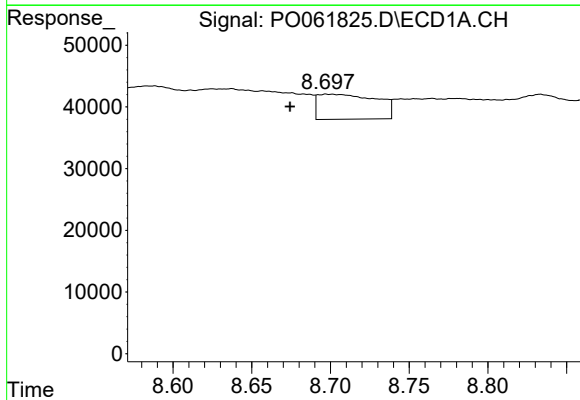
R.T.: 8.587 min
Delta R.T.: 0.006 min
Response: 176398
Conc: 26.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



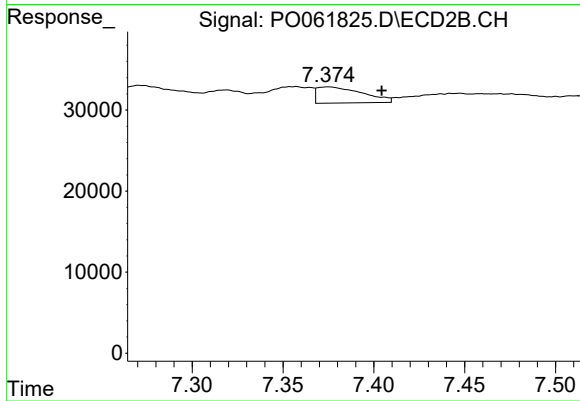
#41 AR-1268-1

R.T.: 7.358 min
Delta R.T.: 0.017 min
Response: 39286
Conc: 8.14 ng/ml



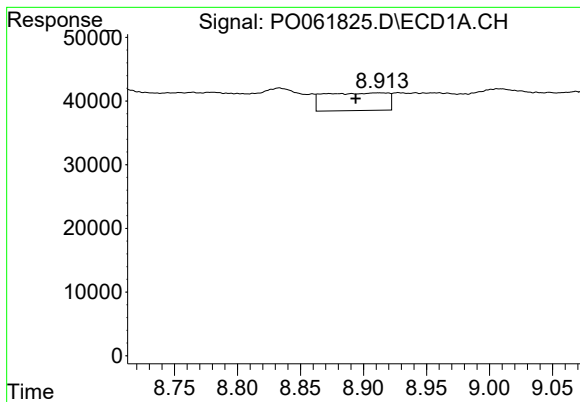
#42 AR-1268-2

R.T.: 8.698 min
Delta R.T.: 0.024 min
Response: 105702
Conc: 17.07 ng/ml



#42 AR-1268-2

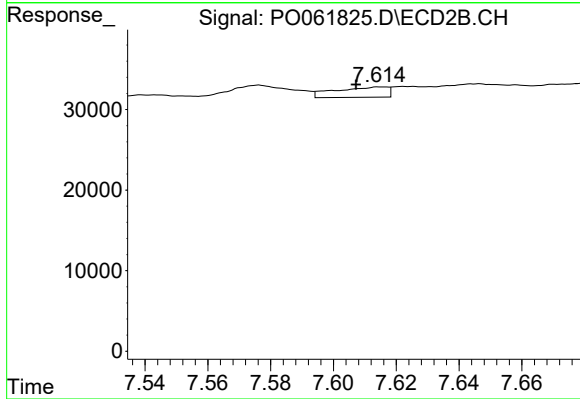
R.T.: 7.375 min
Delta R.T.: -0.030 min
Response: 34780
Conc: 8.07 ng/ml



#43 AR-1268-3

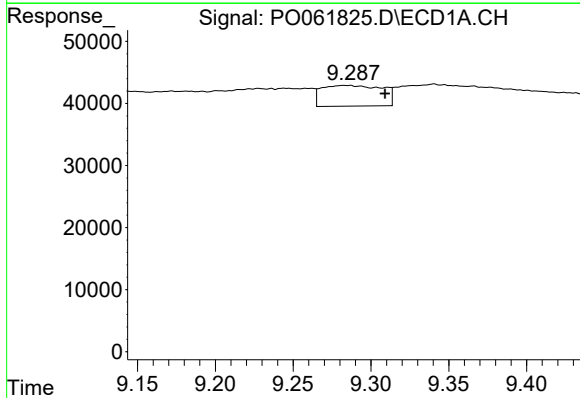
R.T.: 8.912 min
Delta R.T.: 0.018 min
Response: 96070
Conc: 18.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



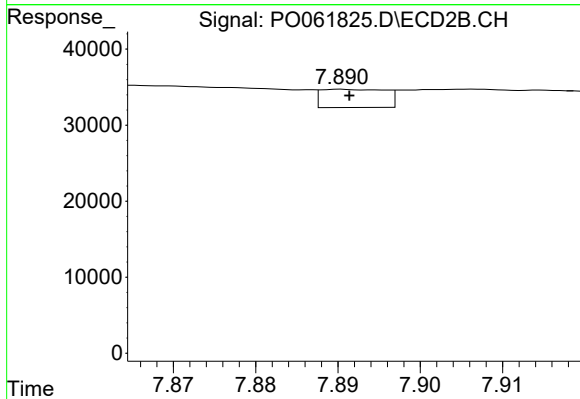
#43 AR-1268-3

R.T.: 7.615 min
Delta R.T.: 0.007 min
Response: 14777
Conc: 4.12 ng/ml



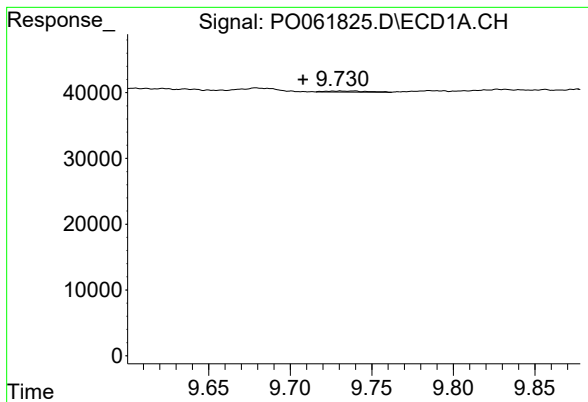
#44 AR-1268-4

R.T.: 9.283 min
Delta R.T.: -0.026 min
Response: 90403
Conc: 41.34 ng/ml



#44 AR-1268-4

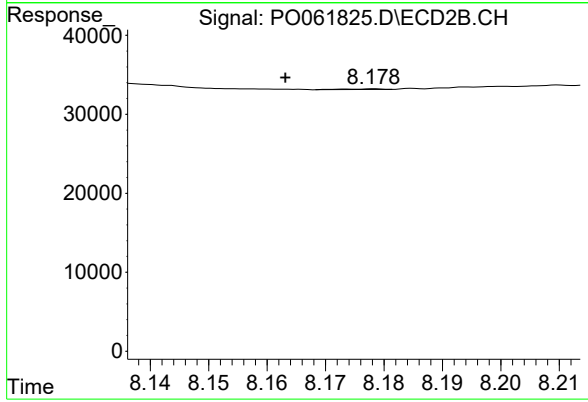
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 13077
Conc: 8.13 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: 0.023 min
Response: 2697
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.178 min
Delta R.T.: 0.015 min
Response: 394
Conc: 0.04 ng/ml