

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061797.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 19:21
 Operator : HP/AJ
 Sample : K5231-02RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:19:43 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	984610	715612	24.007	22.128
2)	SA Decachlor...	10.021	8.382	632356	438661	13.578	13.549
Target Compounds							
3)	L1 AR-1016-1	5.551	4.587	2401	4890	1.309	3.636 #
4)	L1 AR-1016-2	5.551	4.628	2401	1873	0.929	1.011
5)	L1 AR-1016-3	5.606	4.778	4355	2015	2.711	2.012 #
6)	L1 AR-1016-4	5.740	4.801	651	7584	0.487	8.752 #
7)	L1 AR-1016-5	6.023	5.039	957	1303	0.698	1.142 #
8)	L2 AR-1221-1	4.505	3.736	620	6527	1.341	16.483 #
9)	L2 AR-1221-2	4.665	3.809	13985	15556	38.953	50.441 #
10)	L2 AR-1221-3	4.731	3.886	1630	1847	1.432	2.025 #
11)	L3 AR-1232-1	4.731	3.886	1630	1847	1.166	1.645 #
12)	L3 AR-1232-2	5.259	4.587	6581	4890	8.388	4.006 #
13)	L3 AR-1232-3	5.551	4.762	2401	4549	1.405	6.890 #
14)	L3 AR-1232-4	5.706	4.841	4406	9329	4.980	14.799 #
15)	L3 AR-1232-5	5.794	5.008	6729	4251	9.705	6.196 #
16)	L4 AR-1242-1	5.526	4.569	2949	2746	2.076	2.681 #
17)	L4 AR-1242-2	5.551	4.587	2401	4890	1.194	3.467 #
18)	L4 AR-1242-3	5.606	4.762	4355	4549	3.452	5.826 #
19)	L4 AR-1242-4	5.706	4.841	4406	9329	4.193	11.368 #
20)	L4 AR-1242-5	6.402	5.348	32397	6823	24.222	6.370 #
21)	L5 AR-1248-1	5.551	4.587	2401	4890	2.043	5.465 #
22)	L5 AR-1248-2	5.845	4.801	6064	7584	3.594	6.436 #
23)	L5 AR-1248-3	6.023	4.869	957	3338	0.512	2.689 #
24)	L5 AR-1248-4	6.402	5.039	32397	1303	13.711	0.867 #
25)	L5 AR-1248-5	6.487	5.422	2707	539	1.194	0.351 #
26)	L6 AR-1254-1	6.378	5.348	13210	6823	5.790	3.111 #
27)	L6 AR-1254-2	6.596	5.492	20160	4374	5.580	2.231 #
28)	L6 AR-1254-3	6.959	5.901	9840	1596	2.518	0.501 #
29)	L6 AR-1254-4	7.242	6.109	22881	5951	7.555	2.933 #
30)	L6 AR-1254-5	7.657	6.519	24511	8050	7.805	2.846 #
31)	L7 AR-1260-1	7.163	6.016	15550	3739	5.957	1.833 #
32)	L7 AR-1260-2	7.409	6.221	8887	529	2.788	0.220 #
33)	L7 AR-1260-3	7.746	6.369	41617	608	17.327	0.270 #
34)	L7 AR-1260-4	7.982	6.843	14913	1214	5.581	0.658 #
35)	L7 AR-1260-5	8.319	7.069	25426	758	5.139	0.195 #
36)	L8 AR-1262-1	7.746	6.618	41617	230	10.862	0.189 #
37)	L8 AR-1262-2	8.271	7.069	58988	758	9.502	0.165 #
38)	L8 AR-1262-3	8.579	7.335	48566	4642	11.685	2.464 #
39)	L8 AR-1262-4	8.667	7.391	25599	7242	8.109	2.155 #
40)	L8 AR-1262-5	9.305	7.893	19156	941	9.420	0.621 #
41)	L9 AR-1268-1	8.579	7.335	48566	4642	7.222	0.961 #

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 Acq On : 08 Oct 2019 19:21
 Operator : HP/AJ
 Sample : K5231-02RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

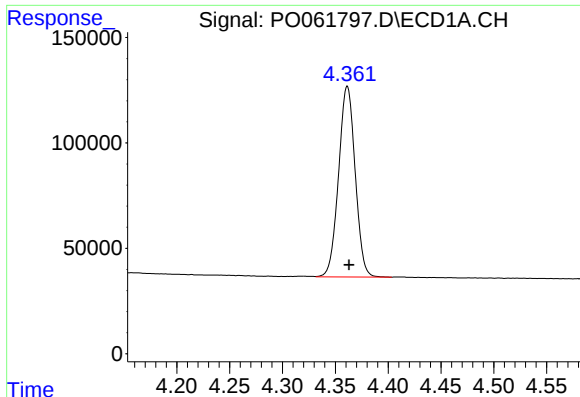
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:19:43 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	8.678	7.416	6097	1155	0.985	0.268 #
43) L9	AR-1268-3	8.897	7.605	16729	2568	3.273	0.717 #
44) L9	AR-1268-4	9.305	7.893	19156	941	8.761	0.585 #
45) L9	AR-1268-5	9.699	8.177	7551	2464	0.503	0.245 #

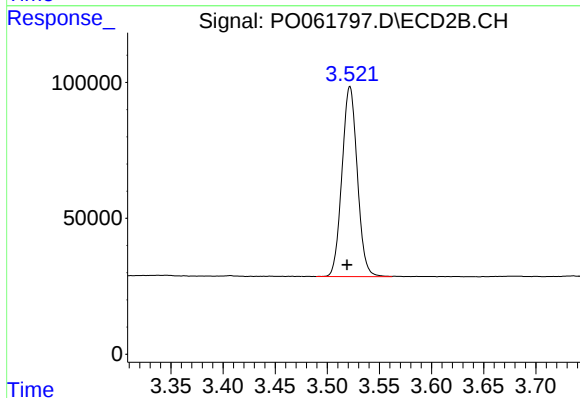
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

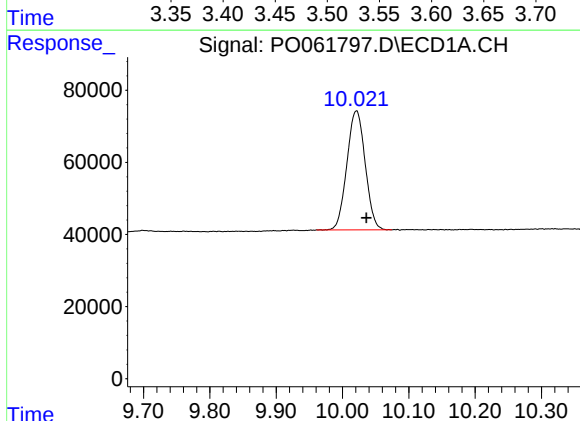
R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 984610
Conc: 24.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



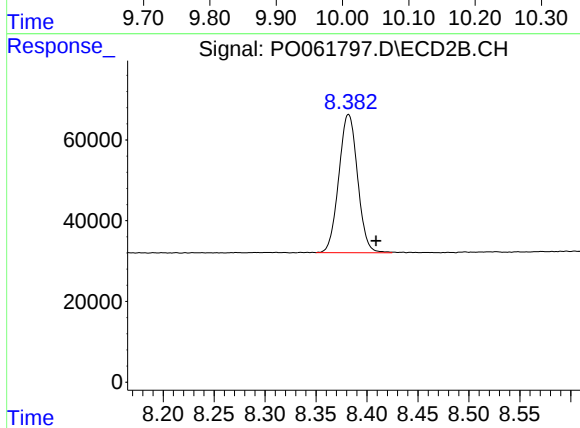
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 715612
Conc: 22.13 ng/ml



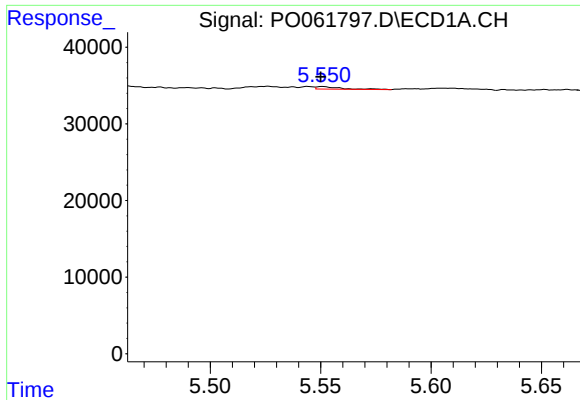
#2 Decachlorobiphenyl

R.T.: 10.021 min
Delta R.T.: -0.015 min
Response: 632356
Conc: 13.58 ng/ml



#2 Decachlorobiphenyl

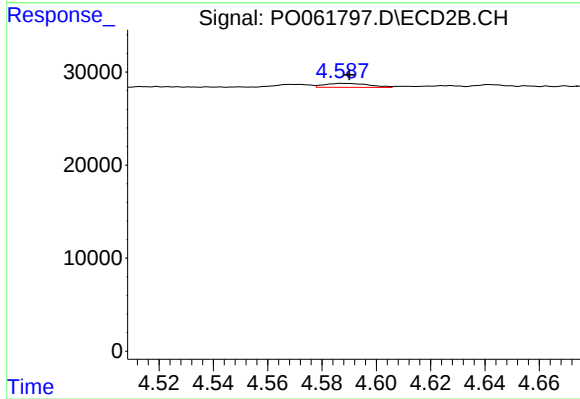
R.T.: 8.382 min
Delta R.T.: -0.027 min
Response: 438661
Conc: 13.55 ng/ml



#3 AR-1016-1

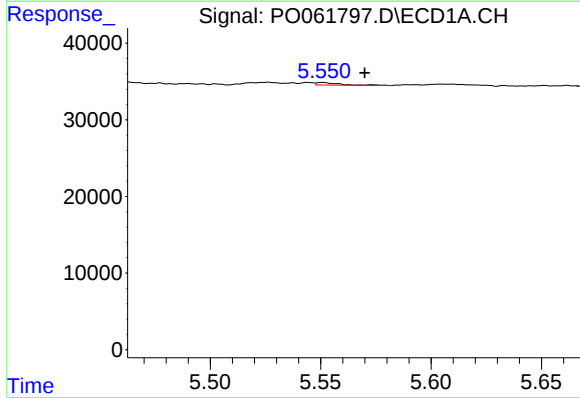
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 2401
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



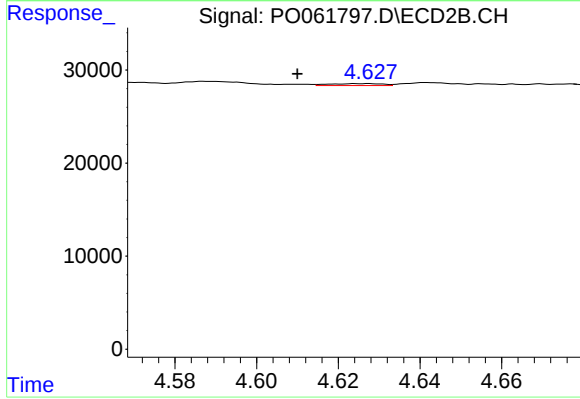
#3 AR-1016-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 4890
Conc: 3.64 ng/ml



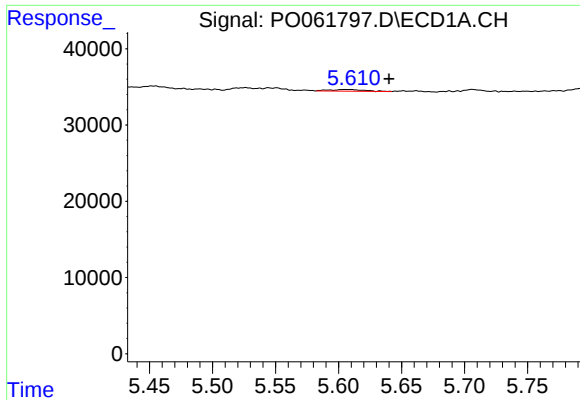
#4 AR-1016-2

R.T.: 5.551 min
Delta R.T.: -0.019 min
Response: 2401
Conc: 0.93 ng/ml



#4 AR-1016-2

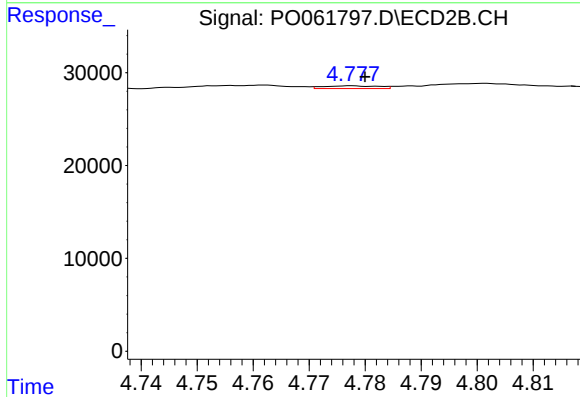
R.T.: 4.628 min
Delta R.T.: 0.018 min
Response: 1873
Conc: 1.01 ng/ml



#5 AR-1016-3

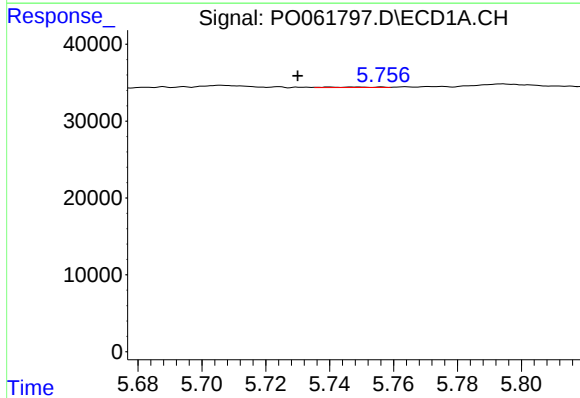
R.T.: 5.606 min
Delta R.T.: -0.034 min
Response: 4355
Conc: 2.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



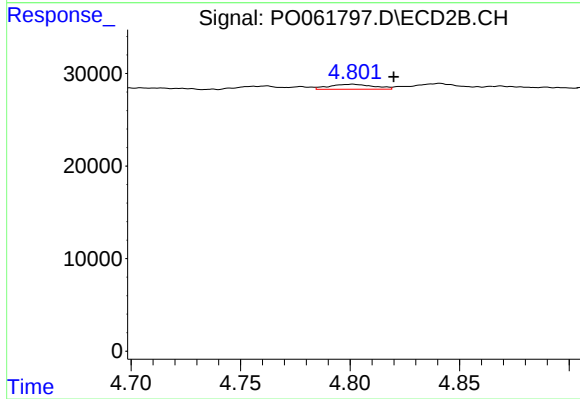
#5 AR-1016-3

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 2015
Conc: 2.01 ng/ml



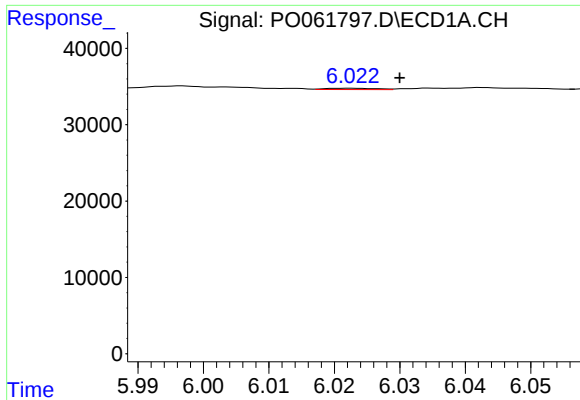
#6 AR-1016-4

R.T.: 5.740 min
Delta R.T.: 0.010 min
Response: 651
Conc: 0.49 ng/ml



#6 AR-1016-4

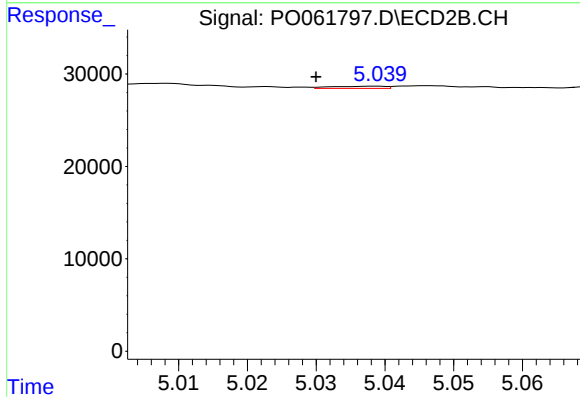
R.T.: 4.801 min
Delta R.T.: -0.019 min
Response: 7584
Conc: 8.75 ng/ml



#7 AR-1016-5

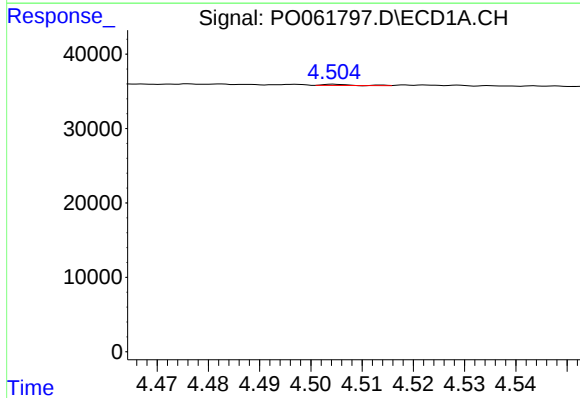
R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 957
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



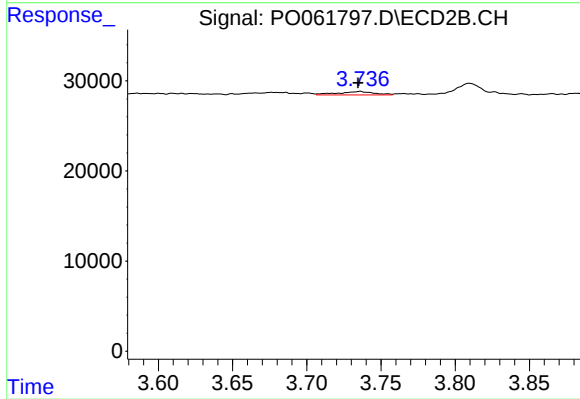
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: 0.009 min
Response: 1303
Conc: 1.14 ng/ml



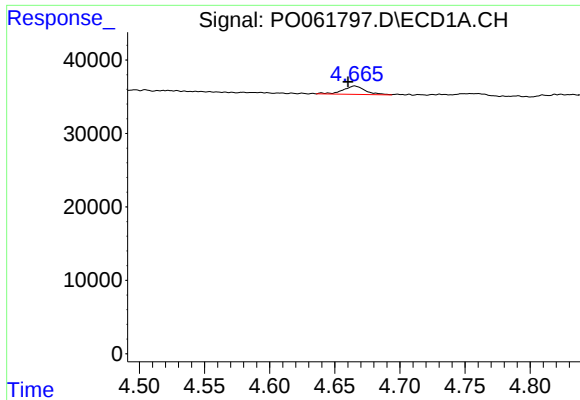
#8 AR-1221-1

R.T.: 4.505 min
Delta R.T.: -0.069 min
Response: 620
Conc: 1.34 ng/ml



#8 AR-1221-1

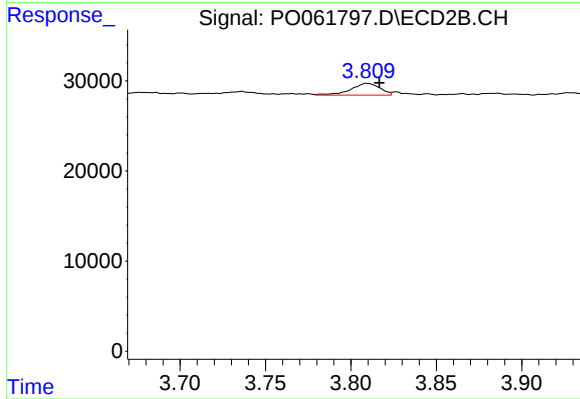
R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 6527
Conc: 16.48 ng/ml



#9 AR-1221-2

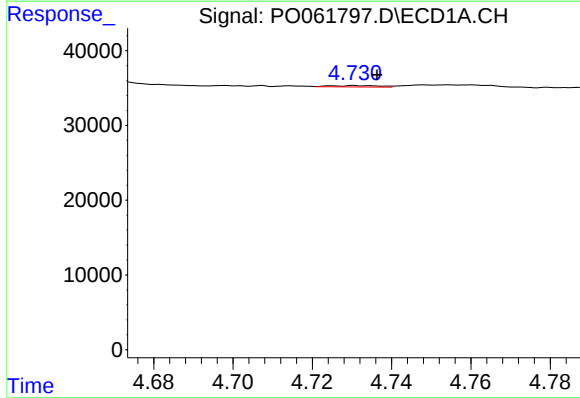
R.T.: 4.665 min
Delta R.T.: 0.005 min
Response: 13985
Conc: 38.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



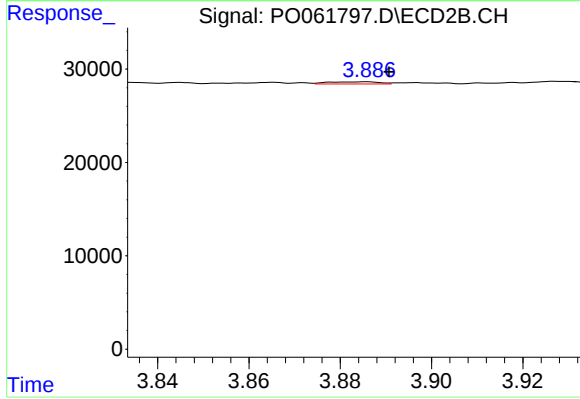
#9 AR-1221-2

R.T.: 3.809 min
Delta R.T.: -0.007 min
Response: 15556
Conc: 50.44 ng/ml



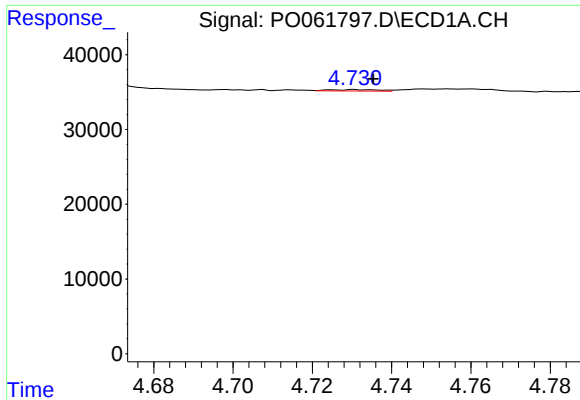
#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 1630
Conc: 1.43 ng/ml



#10 AR-1221-3

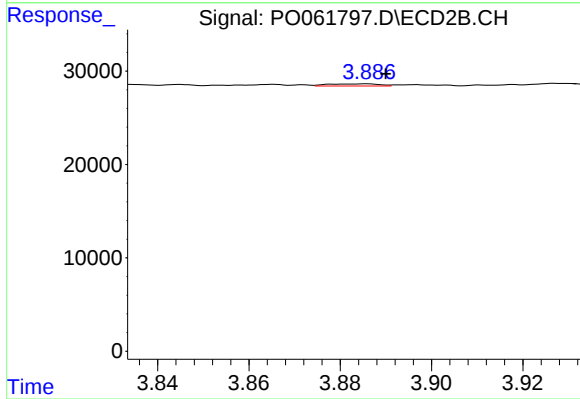
R.T.: 3.886 min
Delta R.T.: -0.005 min
Response: 1847
Conc: 2.03 ng/ml



#11 AR-1232-1

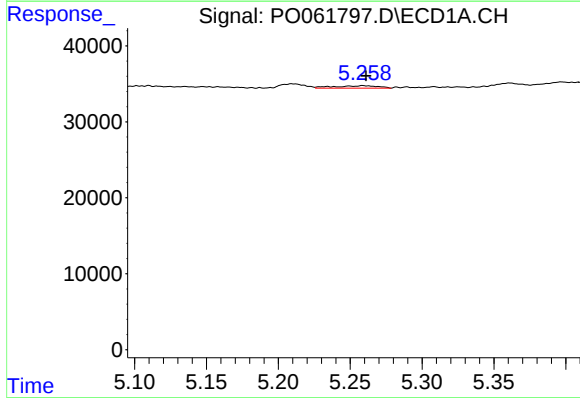
R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 1630
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



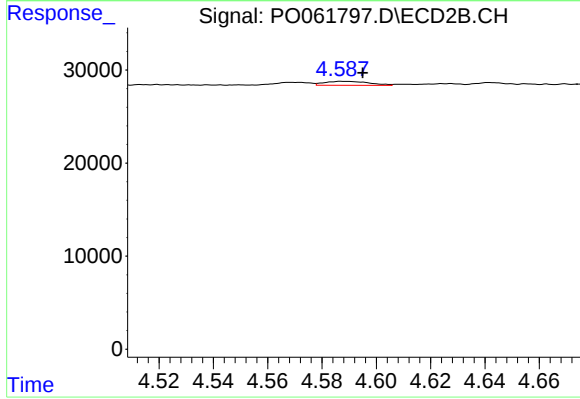
#11 AR-1232-1

R.T.: 3.886 min
Delta R.T.: -0.004 min
Response: 1847
Conc: 1.65 ng/ml



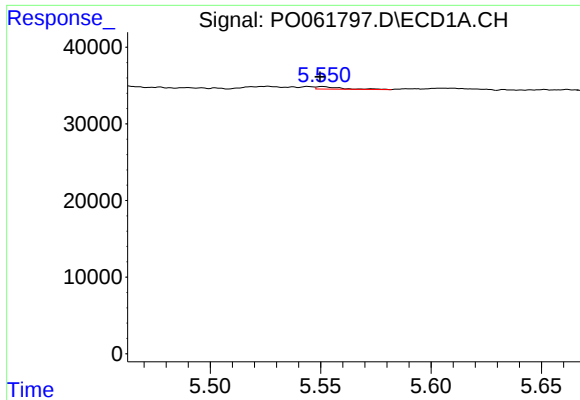
#12 AR-1232-2

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 6581
Conc: 8.39 ng/ml



#12 AR-1232-2

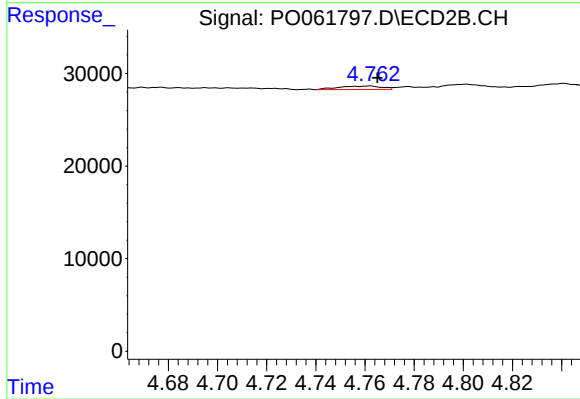
R.T.: 4.587 min
Delta R.T.: -0.008 min
Response: 4890
Conc: 4.01 ng/ml



#13 AR-1232-3

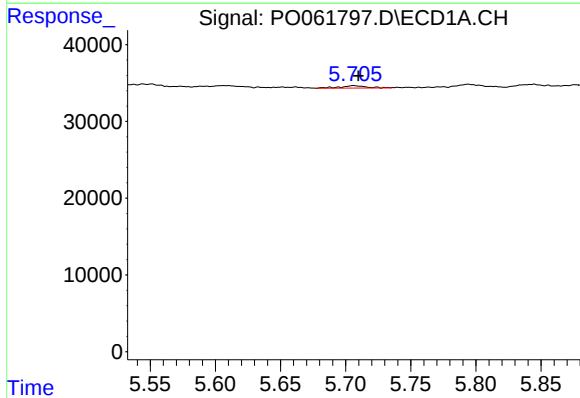
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 2401
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



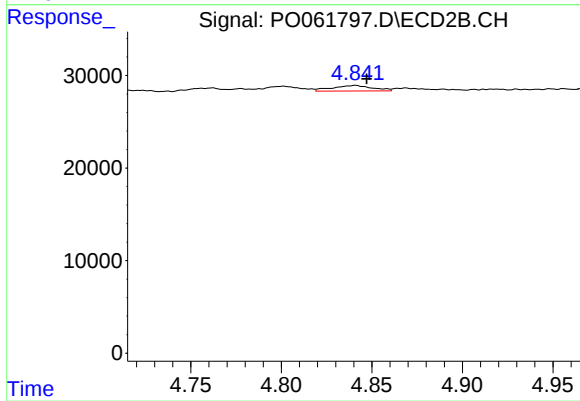
#13 AR-1232-3

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 4549
Conc: 6.89 ng/ml



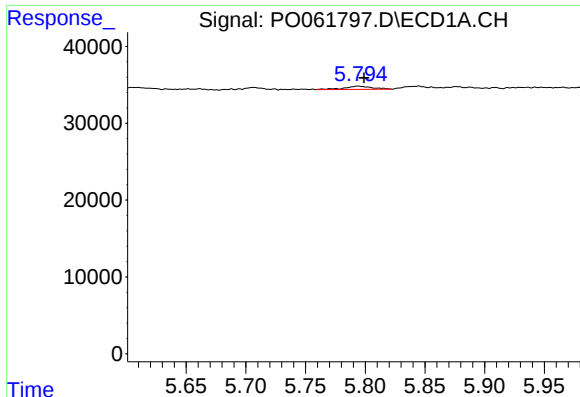
#14 AR-1232-4

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 4406
Conc: 4.98 ng/ml



#14 AR-1232-4

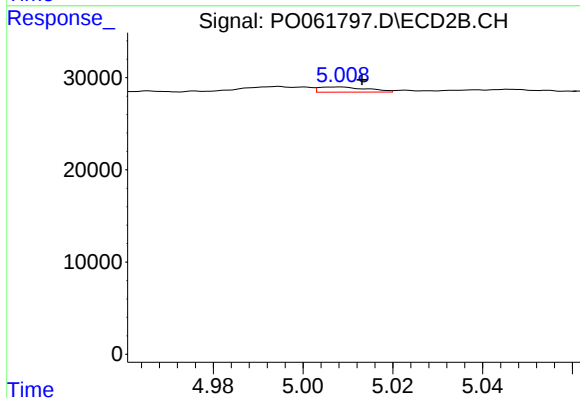
R.T.: 4.841 min
Delta R.T.: -0.006 min
Response: 9329
Conc: 14.80 ng/ml



#15 AR-1232-5

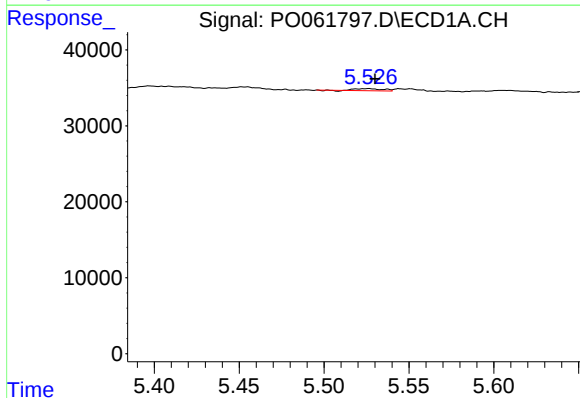
R.T.: 5.794 min
Delta R.T.: -0.005 min
Response: 6729
Conc: 9.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



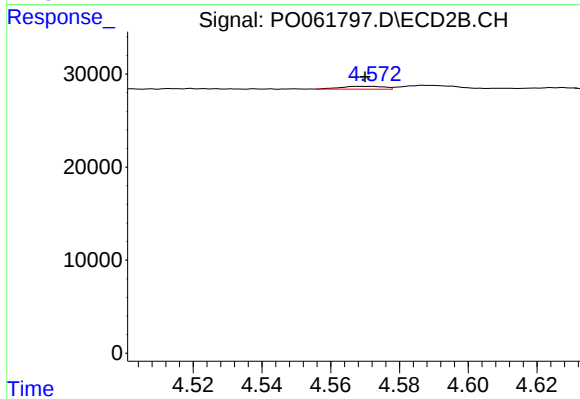
#15 AR-1232-5

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 4251
Conc: 6.20 ng/ml



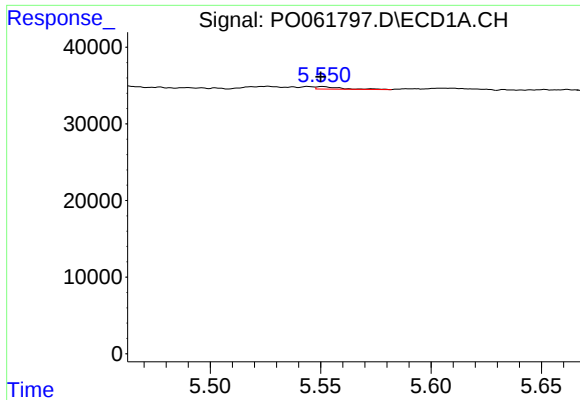
#16 AR-1242-1

R.T.: 5.526 min
Delta R.T.: -0.004 min
Response: 2949
Conc: 2.08 ng/ml



#16 AR-1242-1

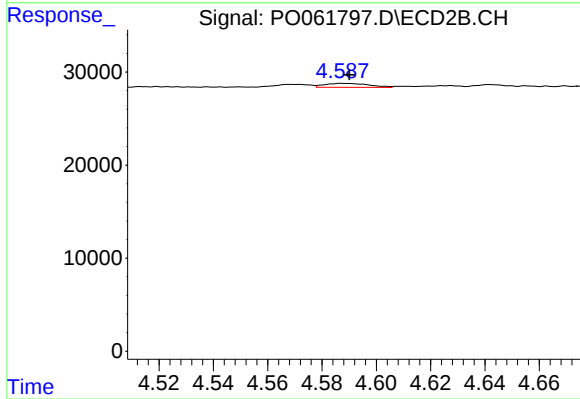
R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 2746
Conc: 2.68 ng/ml



#17 AR-1242-2

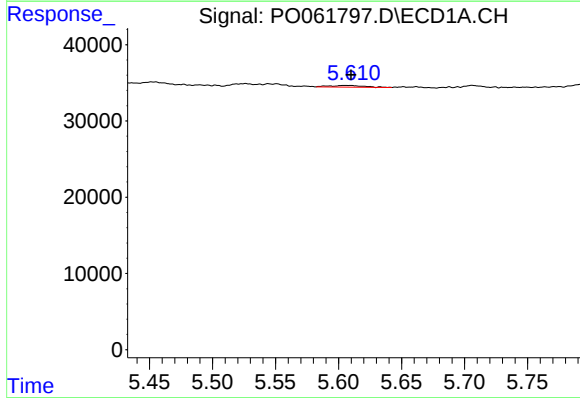
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 2401
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



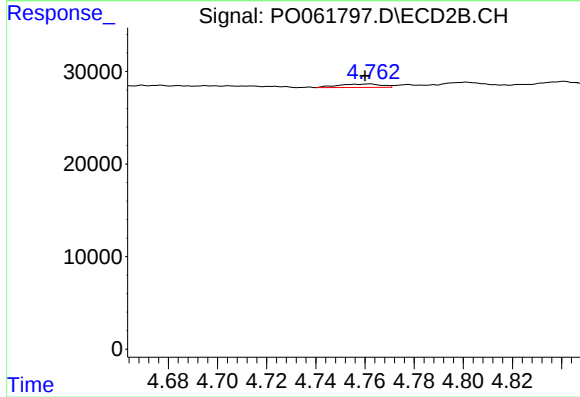
#17 AR-1242-2

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 4890
Conc: 3.47 ng/ml



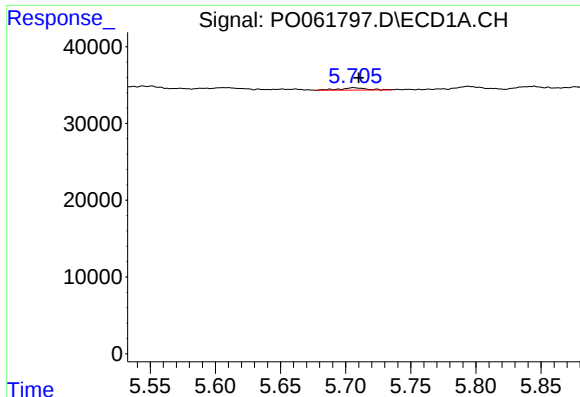
#18 AR-1242-3

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 4355
Conc: 3.45 ng/ml



#18 AR-1242-3

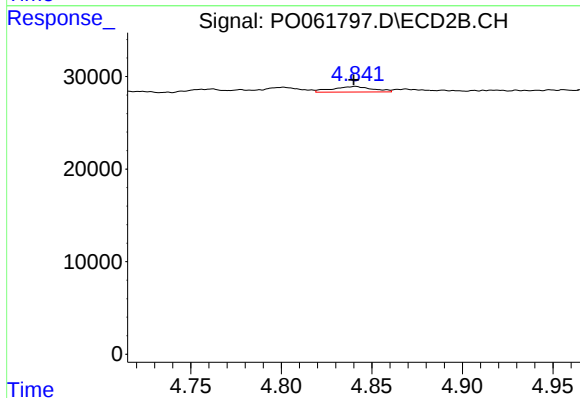
R.T.: 4.762 min
Delta R.T.: 0.002 min
Response: 4549
Conc: 5.83 ng/ml



#19 AR-1242-4

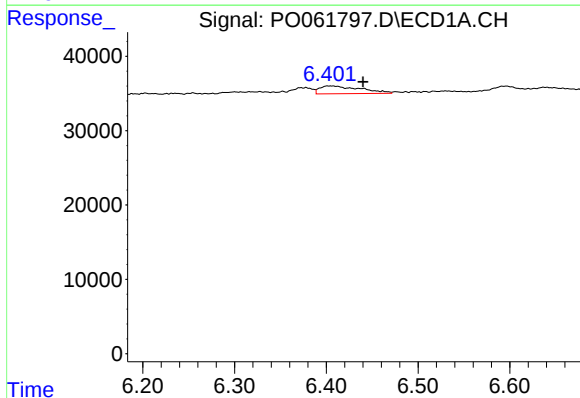
R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 4406
Conc: 4.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



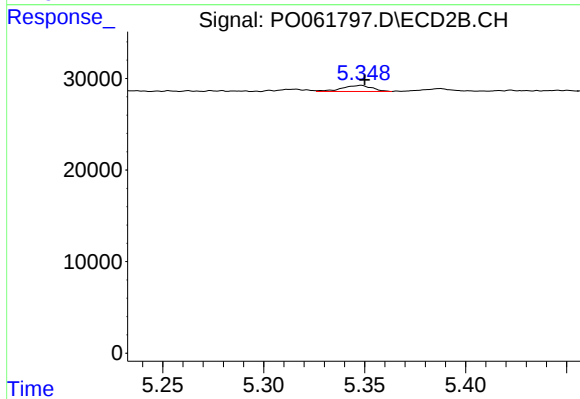
#19 AR-1242-4

R.T.: 4.841 min
Delta R.T.: 0.001 min
Response: 9329
Conc: 11.37 ng/ml



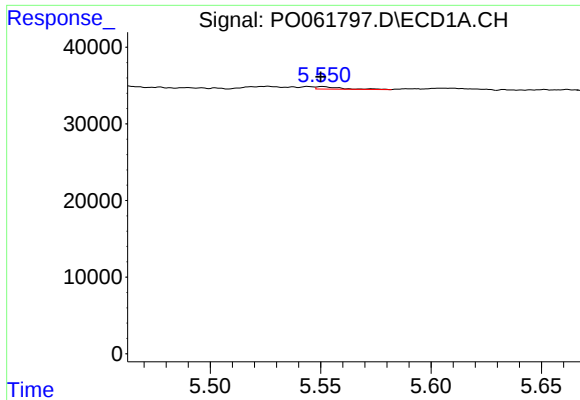
#20 AR-1242-5

R.T.: 6.402 min
Delta R.T.: -0.038 min
Response: 32397
Conc: 24.22 ng/ml



#20 AR-1242-5

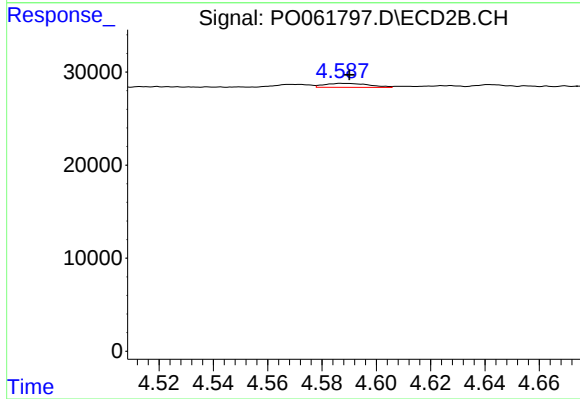
R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 6823
Conc: 6.37 ng/ml



#21 AR-1248-1

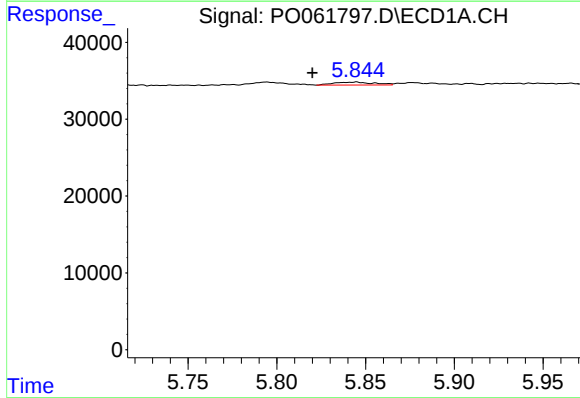
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 2401
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



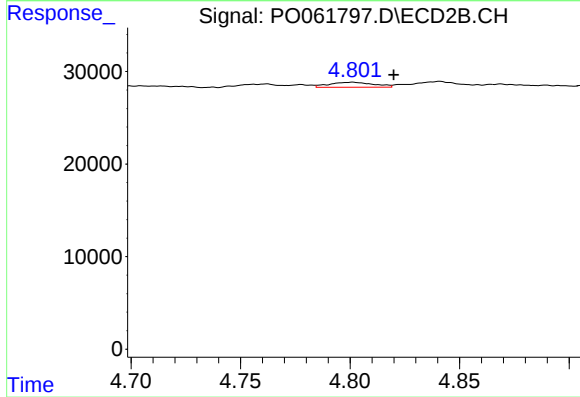
#21 AR-1248-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 4890
Conc: 5.46 ng/ml



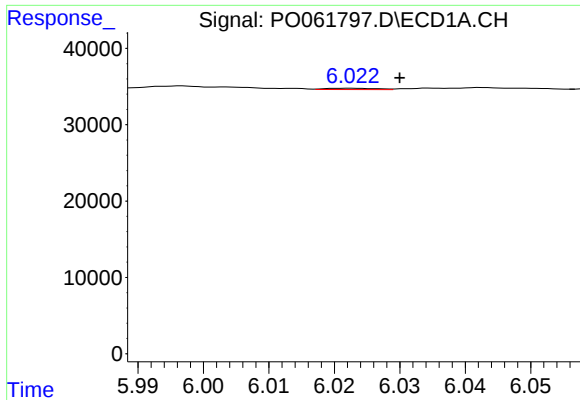
#22 AR-1248-2

R.T.: 5.845 min
Delta R.T.: 0.025 min
Response: 6064
Conc: 3.59 ng/ml



#22 AR-1248-2

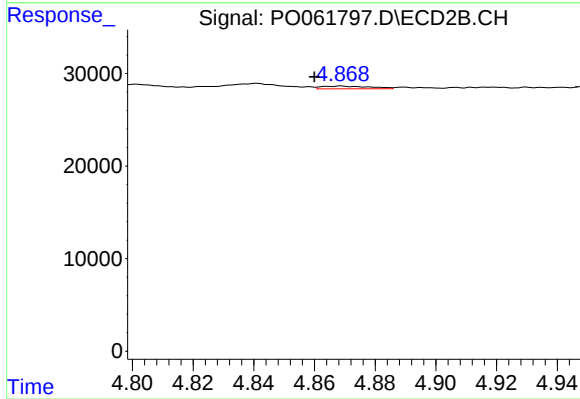
R.T.: 4.801 min
Delta R.T.: -0.019 min
Response: 7584
Conc: 6.44 ng/ml



#23 AR-1248-3

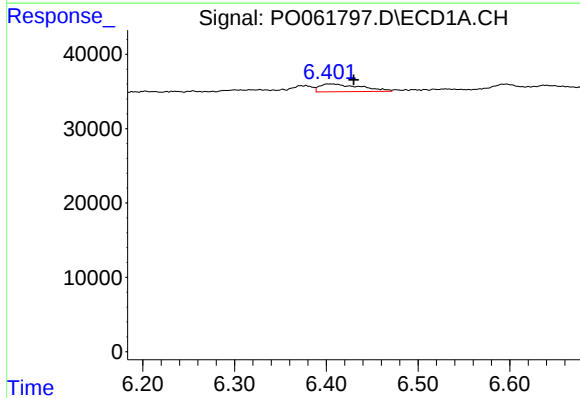
R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 957
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



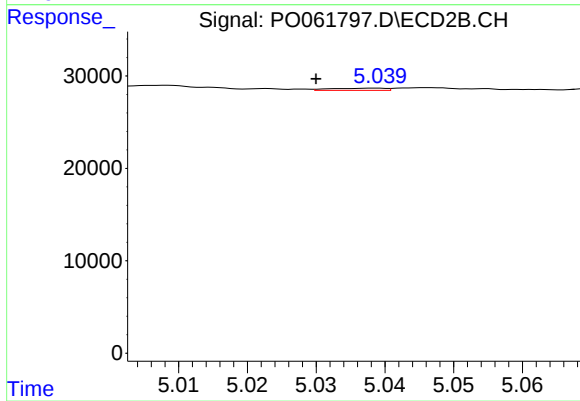
#23 AR-1248-3

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 3338
Conc: 2.69 ng/ml



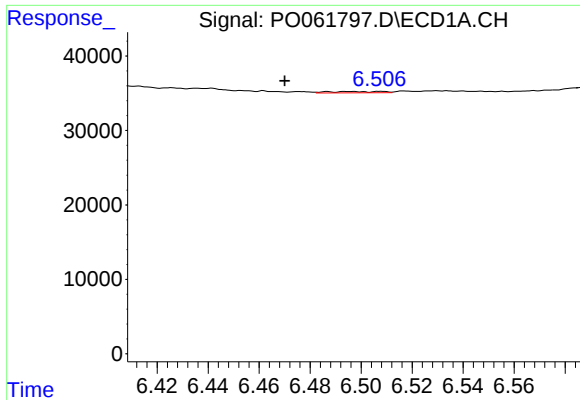
#24 AR-1248-4

R.T.: 6.402 min
Delta R.T.: -0.028 min
Response: 32397
Conc: 13.71 ng/ml



#24 AR-1248-4

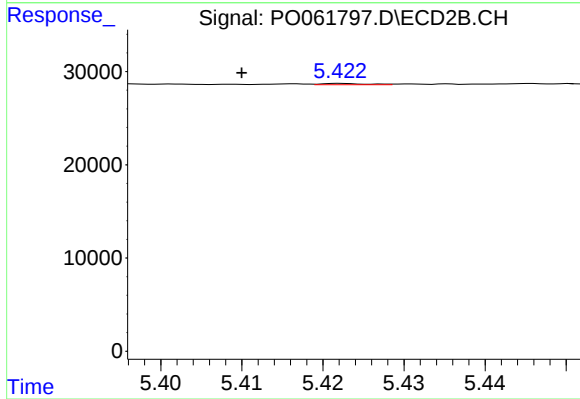
R.T.: 5.039 min
Delta R.T.: 0.009 min
Response: 1303
Conc: 0.87 ng/ml



#25 AR-1248-5

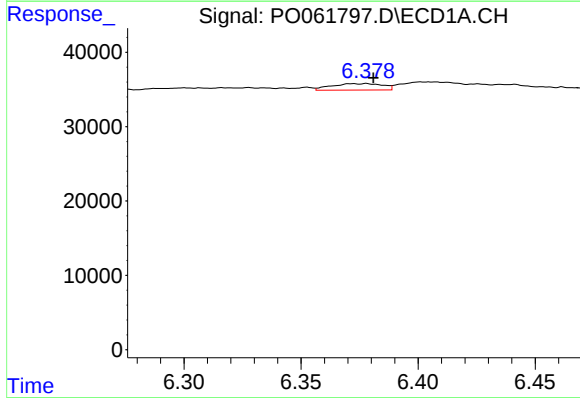
R.T.: 6.487 min
Delta R.T.: 0.017 min
Response: 2707
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



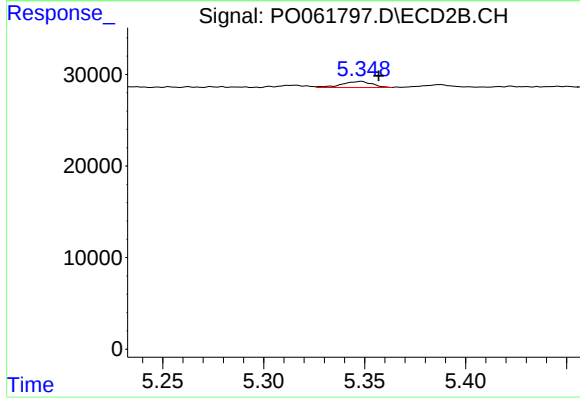
#25 AR-1248-5

R.T.: 5.422 min
Delta R.T.: 0.012 min
Response: 539
Conc: 0.35 ng/ml



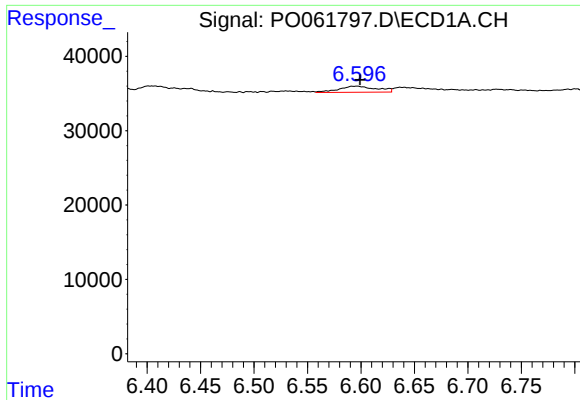
#26 AR-1254-1

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 13210
Conc: 5.79 ng/ml



#26 AR-1254-1

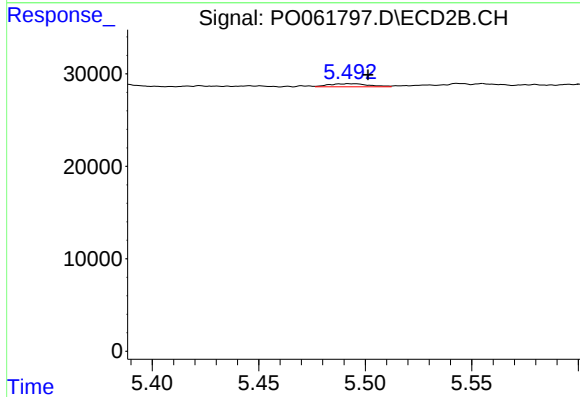
R.T.: 5.348 min
Delta R.T.: -0.009 min
Response: 6823
Conc: 3.11 ng/ml



#27 AR-1254-2

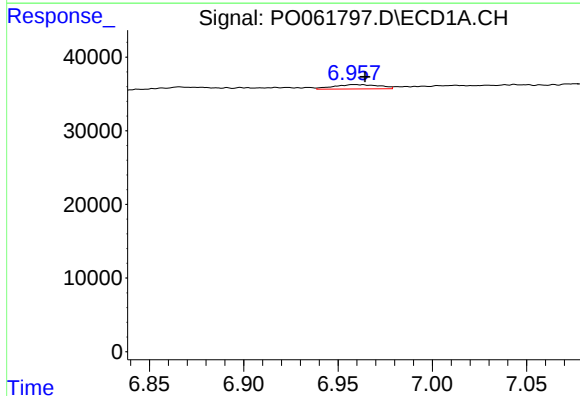
R.T.: 6.596 min
Delta R.T.: -0.003 min
Response: 20160
Conc: 5.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



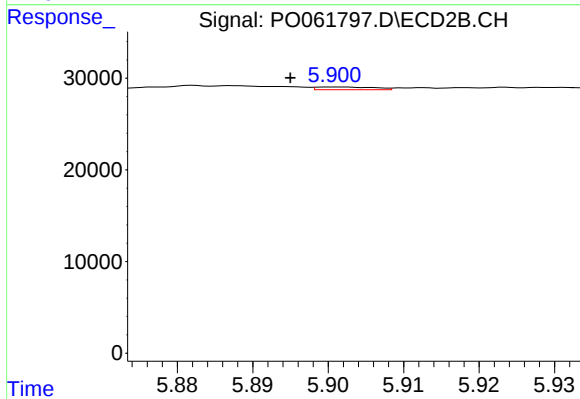
#27 AR-1254-2

R.T.: 5.492 min
Delta R.T.: -0.009 min
Response: 4374
Conc: 2.23 ng/ml



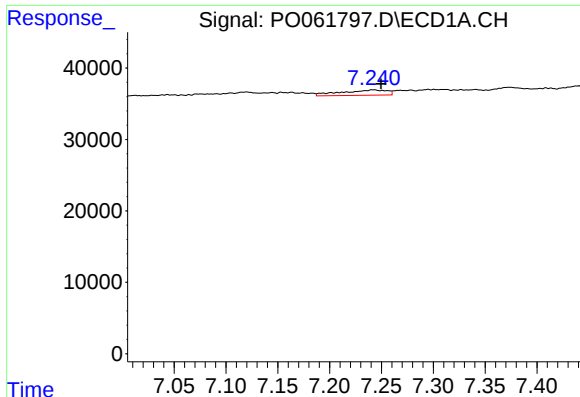
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 9840
Conc: 2.52 ng/ml



#28 AR-1254-3

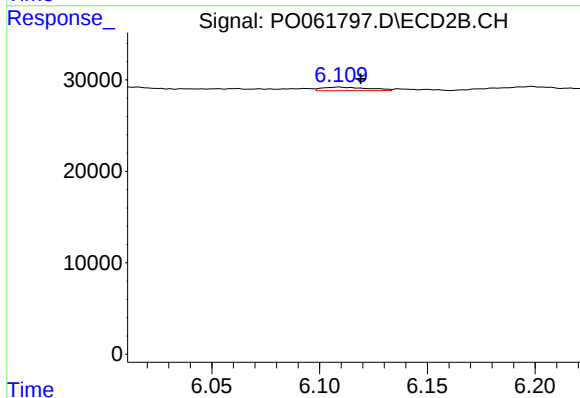
R.T.: 5.901 min
Delta R.T.: 0.006 min
Response: 1596
Conc: 0.50 ng/ml



#29 AR-1254-4

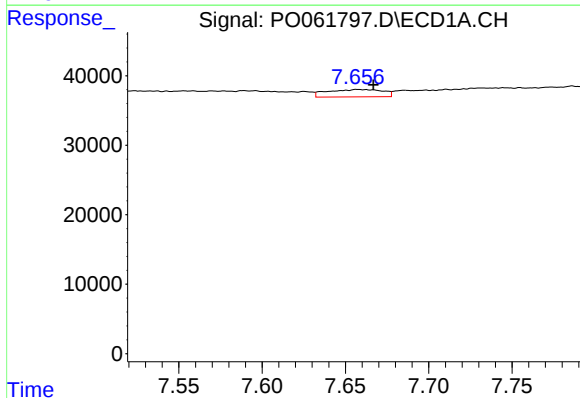
R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 22881
Conc: 7.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



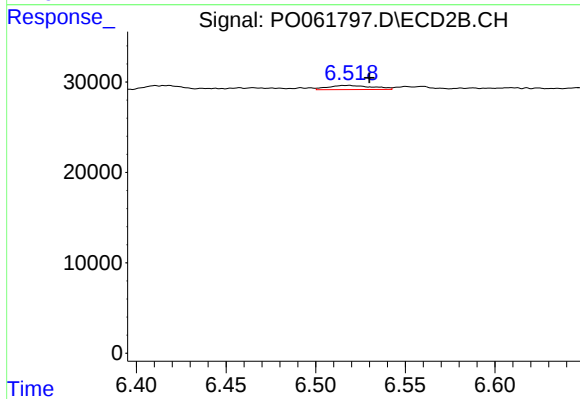
#29 AR-1254-4

R.T.: 6.109 min
Delta R.T.: -0.010 min
Response: 5951
Conc: 2.93 ng/ml



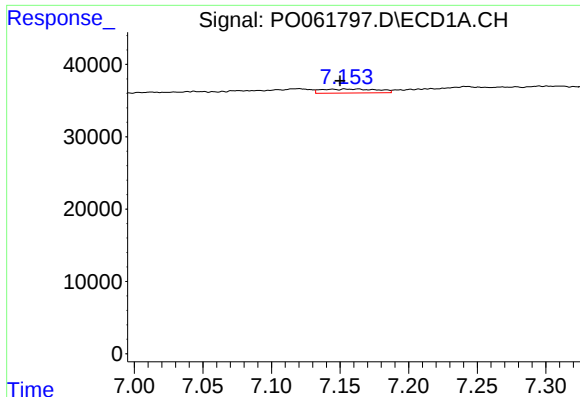
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.009 min
Response: 24511
Conc: 7.80 ng/ml



#30 AR-1254-5

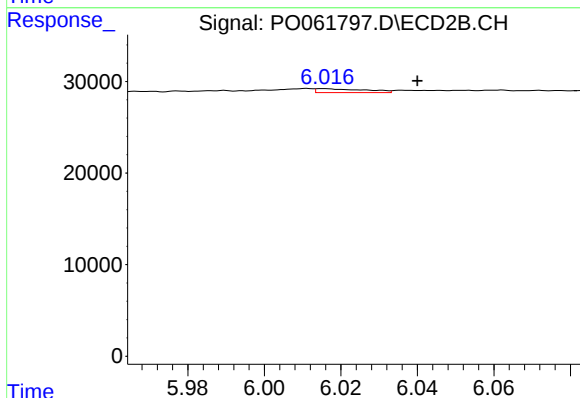
R.T.: 6.519 min
Delta R.T.: -0.011 min
Response: 8050
Conc: 2.85 ng/ml



#31 AR-1260-1

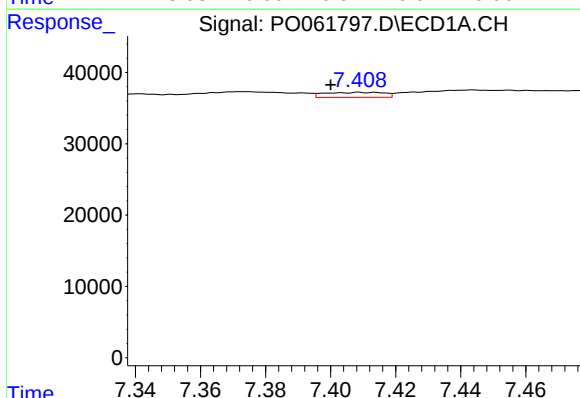
R.T.: 7.163 min
Delta R.T.: 0.013 min
Response: 15550
Conc: 5.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



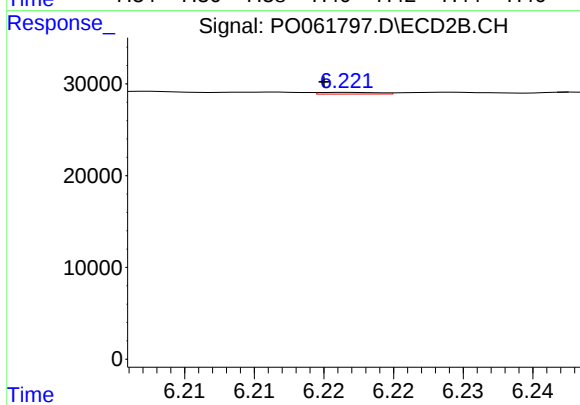
#31 AR-1260-1

R.T.: 6.016 min
Delta R.T.: -0.024 min
Response: 3739
Conc: 1.83 ng/ml



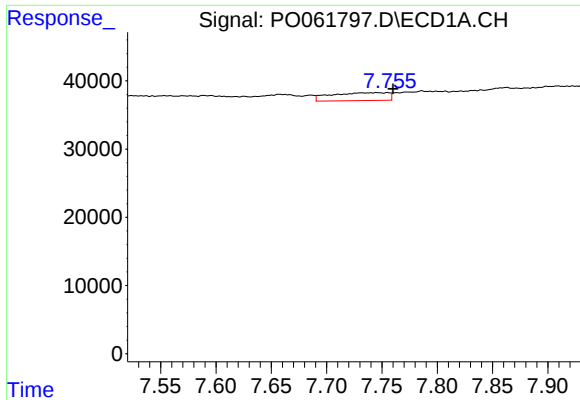
#32 AR-1260-2

R.T.: 7.409 min
Delta R.T.: 0.009 min
Response: 8887
Conc: 2.79 ng/ml



#32 AR-1260-2

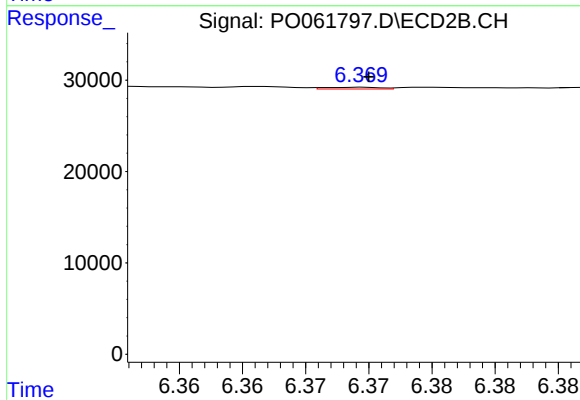
R.T.: 6.221 min
Delta R.T.: 0.001 min
Response: 529
Conc: 0.22 ng/ml



#33 AR-1260-3

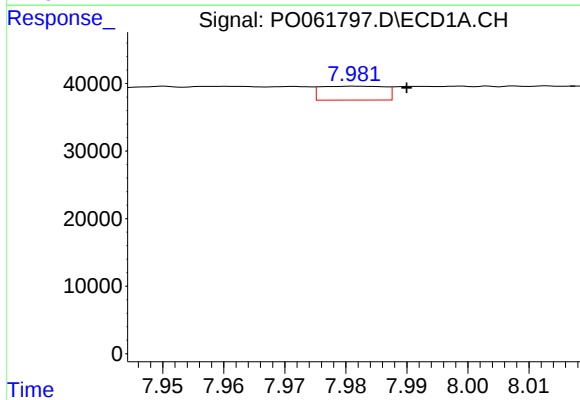
R.T.: 7.746 min
Delta R.T.: -0.014 min
Response: 41617
Conc: 17.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



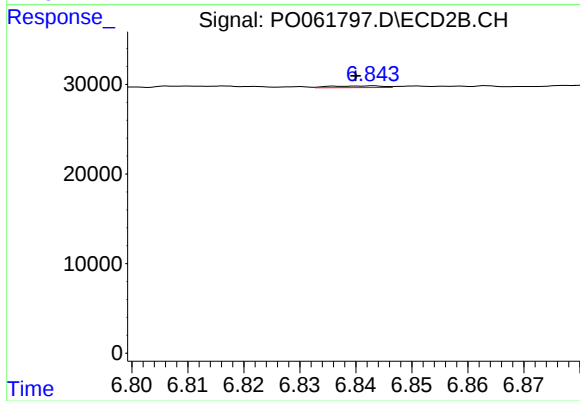
#33 AR-1260-3

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 608
Conc: 0.27 ng/ml



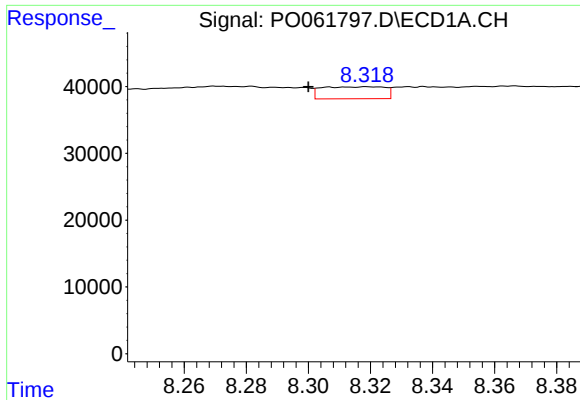
#34 AR-1260-4

R.T.: 7.982 min
Delta R.T.: -0.008 min
Response: 14913
Conc: 5.58 ng/ml



#34 AR-1260-4

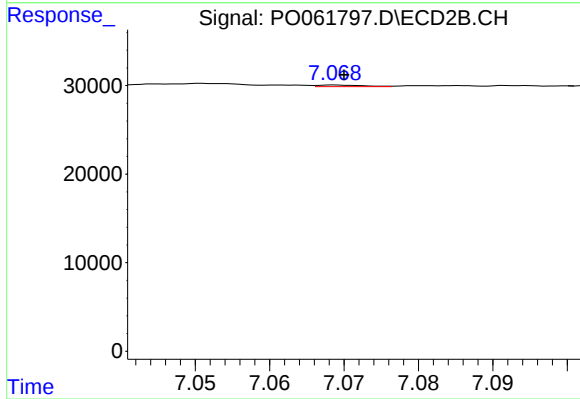
R.T.: 6.843 min
Delta R.T.: 0.003 min
Response: 1214
Conc: 0.66 ng/ml



#35 AR-1260-5

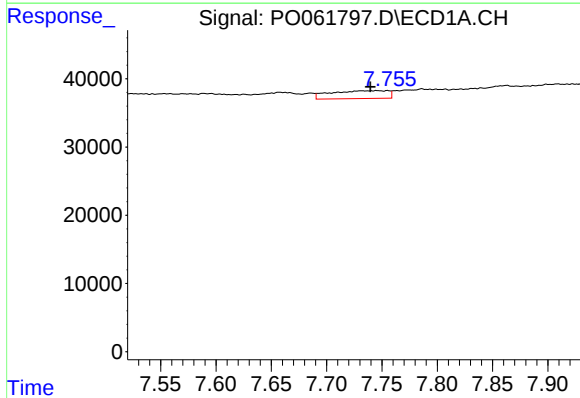
R.T.: 8.319 min
Delta R.T.: 0.019 min
Response: 25426
Conc: 5.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



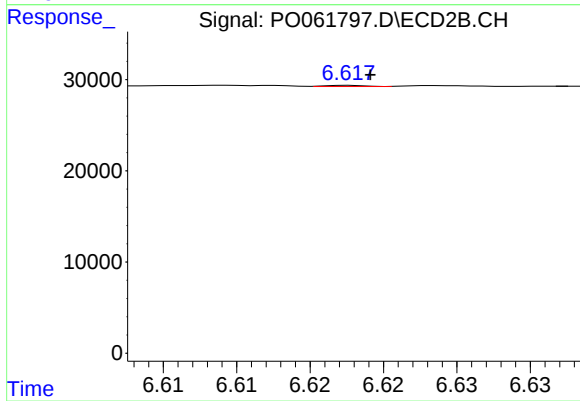
#35 AR-1260-5

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 758
Conc: 0.19 ng/ml



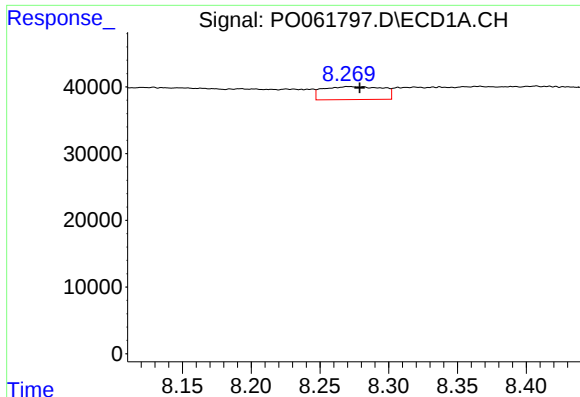
#36 AR-1262-1

R.T.: 7.746 min
Delta R.T.: 0.006 min
Response: 41617
Conc: 10.86 ng/ml



#36 AR-1262-1

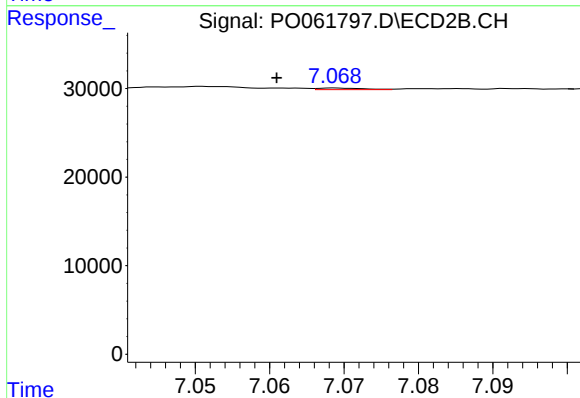
R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 230
Conc: 0.19 ng/ml



#37 AR-1262-2

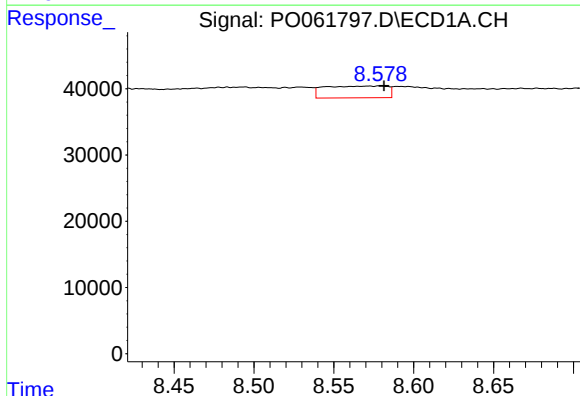
R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 58988
Conc: 9.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



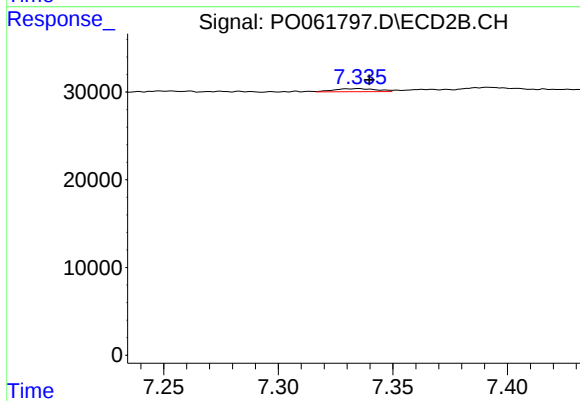
#37 AR-1262-2

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 758
Conc: 0.16 ng/ml



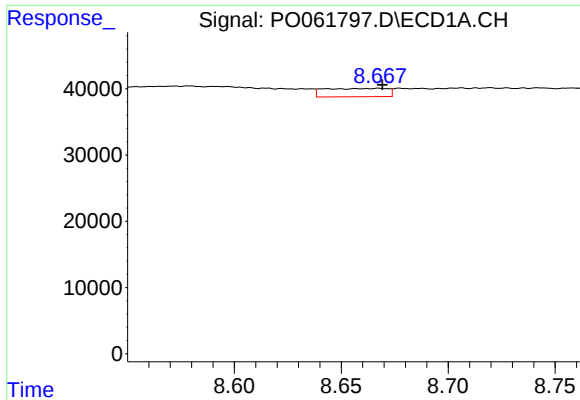
#38 AR-1262-3

R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 48566
Conc: 11.68 ng/ml



#38 AR-1262-3

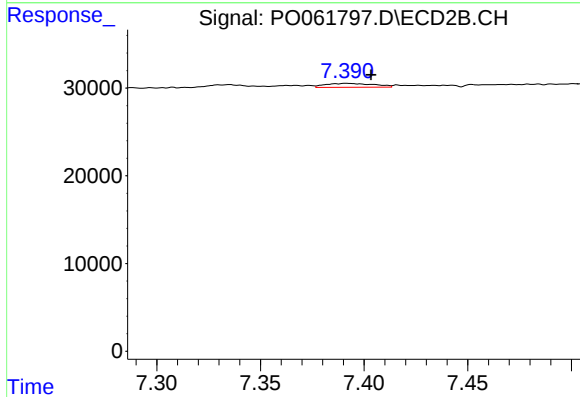
R.T.: 7.335 min
Delta R.T.: -0.005 min
Response: 4642
Conc: 2.46 ng/ml



#39 AR-1262-4

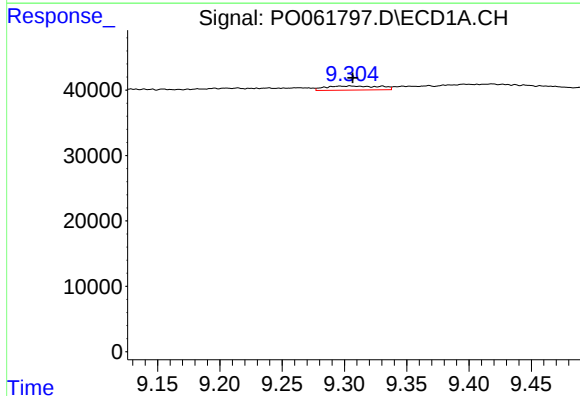
R.T.: 8.667 min
Delta R.T.: -0.002 min
Response: 25599
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



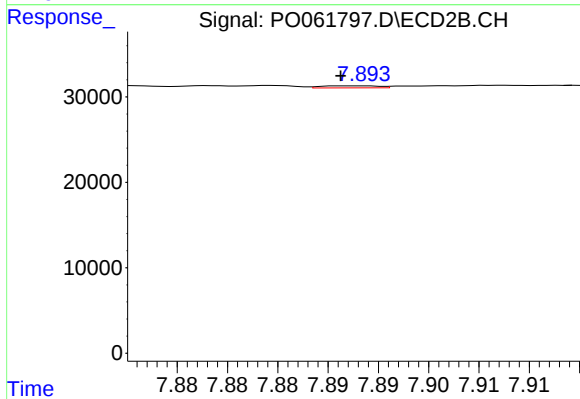
#39 AR-1262-4

R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 7242
Conc: 2.15 ng/ml



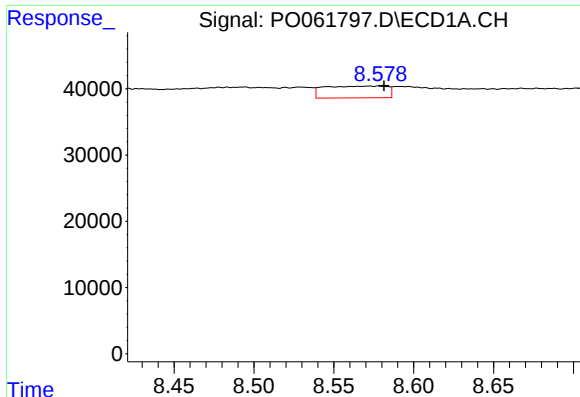
#40 AR-1262-5

R.T.: 9.305 min
Delta R.T.: -0.002 min
Response: 19156
Conc: 9.42 ng/ml



#40 AR-1262-5

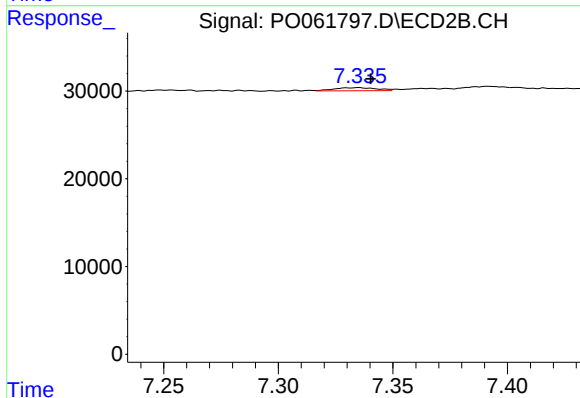
R.T.: 7.893 min
Delta R.T.: 0.002 min
Response: 941
Conc: 0.62 ng/ml



#41 AR-1268-1

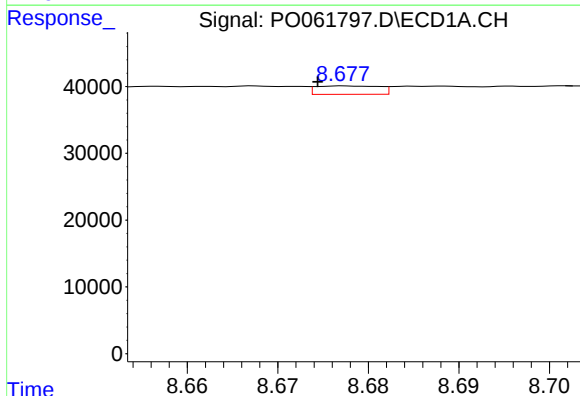
R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 48566
Conc: 7.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



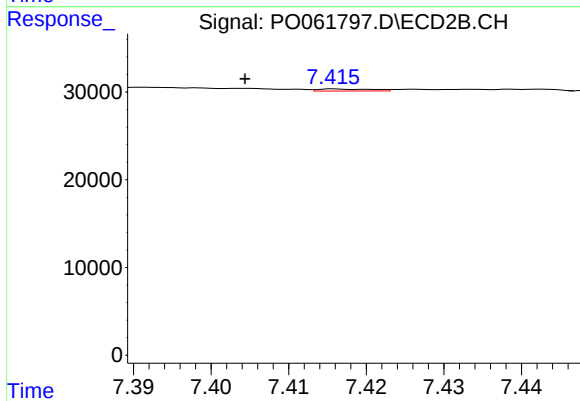
#41 AR-1268-1

R.T.: 7.335 min
Delta R.T.: -0.005 min
Response: 4642
Conc: 0.96 ng/ml



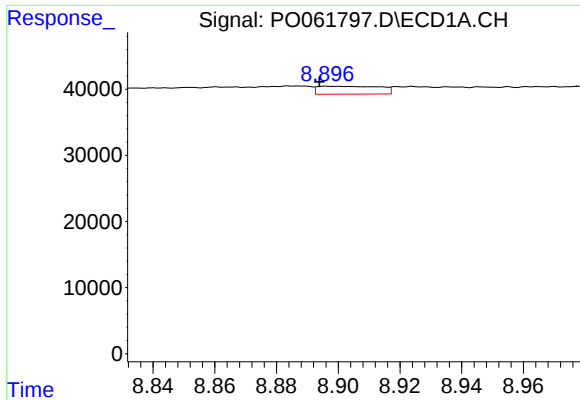
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: 0.003 min
Response: 6097
Conc: 0.98 ng/ml



#42 AR-1268-2

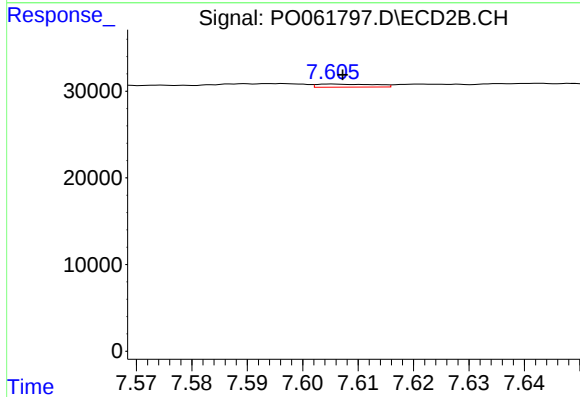
R.T.: 7.416 min
Delta R.T.: 0.012 min
Response: 1155
Conc: 0.27 ng/ml



#43 AR-1268-3

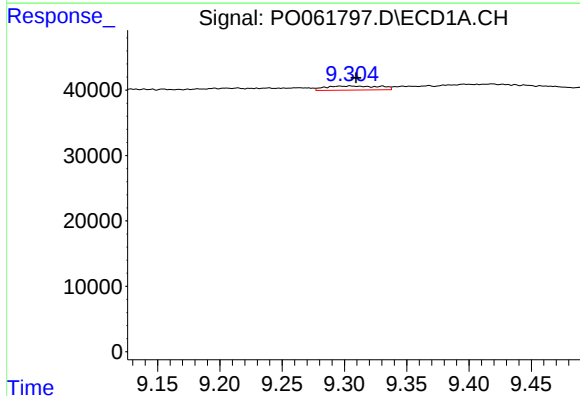
R.T.: 8.897 min
Delta R.T.: 0.003 min
Response: 16729
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



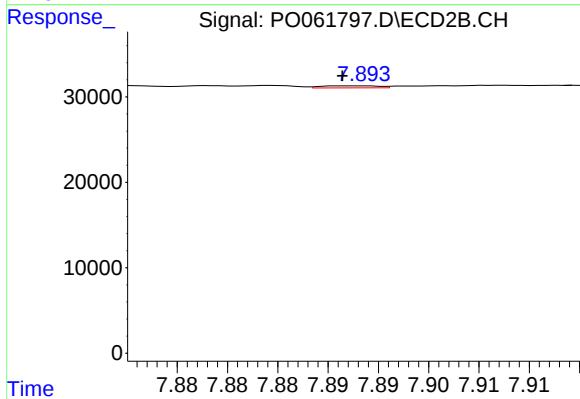
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 2568
Conc: 0.72 ng/ml



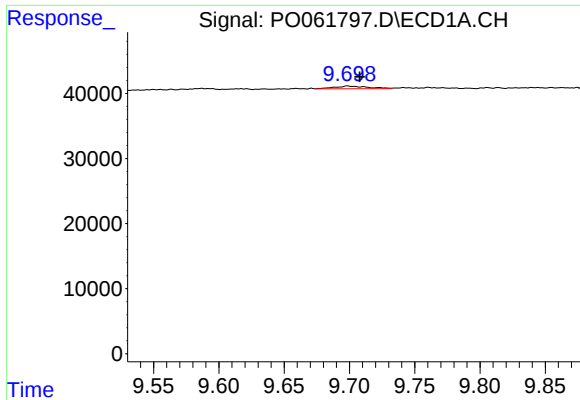
#44 AR-1268-4

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 19156
Conc: 8.76 ng/ml



#44 AR-1268-4

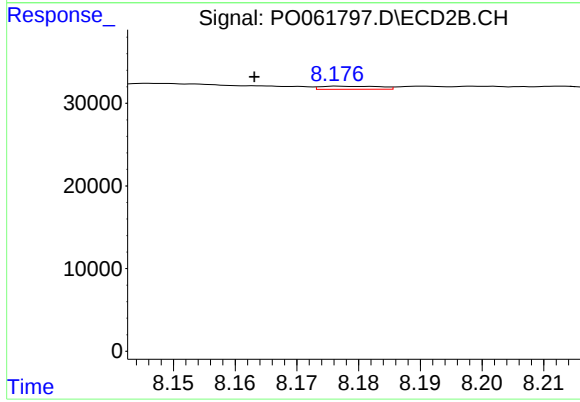
R.T.: 7.893 min
Delta R.T.: 0.002 min
Response: 941
Conc: 0.58 ng/ml



#45 AR-1268-5

R.T.: 9.699 min
Delta R.T.: -0.009 min
Response: 7551
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.177 min
Delta R.T.: 0.014 min
Response: 2464
Conc: 0.25 ng/ml