

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061860.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 15:11
 Operator : HP/AJ
 Sample : K5292-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 15:34:19 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	800686	578652	19.522	17.893
2)	SA Decachlor...	10.009	8.372	367220	243640	7.885	7.525
Target Compounds							
3)	L1 AR-1016-1	5.538	4.579	137973	113014	75.241	84.047
4)	L1 AR-1016-2	5.600	4.612	22085	18403	8.544	9.929
5)	L1 AR-1016-3	5.661	4.791	13990	93482	8.709	93.322 #
6)	L1 AR-1016-4	5.698	4.831	39252	92304	29.360	106.517 #
7)	L1 AR-1016-5	6.032	5.034	31924	79909	23.278	70.008 #
8)	L2 AR-1221-1	4.591	3.732	14476	5270	31.315	13.308 #
9)	L2 AR-1221-2	4.654	3.802	16191	17914	45.099	58.087 #
10)	L2 AR-1221-3	4.723	3.904	18856	2661	16.562	2.917 #
11)	L3 AR-1232-1	4.723	3.904	18856	2661	13.484	2.370 #
12)	L3 AR-1232-2	5.249	4.579	54338	113014	69.260	92.583 #
13)	L3 AR-1232-3	5.538	4.749	137973	72816	80.748	110.285 #
14)	L3 AR-1232-4	5.698	4.860	39252	74933	44.364	118.874 #
15)	L3 AR-1232-5	5.787	4.996	60787	128356	87.674	187.066 #
16)	L4 AR-1242-1	5.538	4.562	137973	76182	97.153	74.360
17)	L4 AR-1242-2	5.538	4.579	137973	113014	68.649	80.139
18)	L4 AR-1242-3	5.600	4.749	22085	72816	17.502	93.248 #
19)	L4 AR-1242-4	5.698	4.831	39252	92304	37.356	112.484 #
20)	L4 AR-1242-5	6.432	5.339	101139	114669	75.618	107.043 #
21)	L5 AR-1248-1	5.538	4.579	137973	113014	117.442	126.299
22)	L5 AR-1248-2	5.832	4.831	70807	92304	41.968	78.339 #
23)	L5 AR-1248-3	6.032	4.860	31924	74933	17.082	60.367 #
24)	L5 AR-1248-4	6.432	5.034	101139	79909	42.804	53.156
25)	L5 AR-1248-5	6.432	5.409	101139	30207	44.605	19.690 #
26)	L6 AR-1254-1	6.393	5.339	69026	114669	30.256	52.282 #
27)	L6 AR-1254-2	6.586	5.506	189851	24614	52.546	12.555 #
28)	L6 AR-1254-3	6.953	5.876	100217	95619	25.648	30.033
29)	L6 AR-1254-4	7.235	6.130	62594	18711	20.667	9.223 #
30)	L6 AR-1254-5	7.653	6.547	147832	29844	47.074	10.551 #
31)	L7 AR-1260-1	7.180	6.052	12656	18062	4.848	8.855 #
32)	L7 AR-1260-2	7.413	6.217	25110	12133	7.877	5.052 #
33)	L7 AR-1260-3	7.785	6.337	34571	39856	14.393	17.689
34)	L7 AR-1260-4	7.994	6.839	45968	20639	17.203	11.179 #
35)	L7 AR-1260-5	8.312	7.092	57213	934	11.563	0.240 #
36)	L8 AR-1262-1	7.725	6.600	46803	12076	12.215	9.893
37)	L8 AR-1262-2	8.266	7.040	75923	50852	12.230	11.060
38)	L8 AR-1262-3	8.575	7.355	57854	8580	13.920	4.554 #
39)	L8 AR-1262-4	8.651	7.381	57578	34604	18.239	10.296 #
40)	L8 AR-1262-5	9.291	7.871	18734	17802	9.212	11.743 #
41)	L9 AR-1268-1	8.575	7.355	57854	8580	8.604	1.777 #

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 Sample : K5292-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

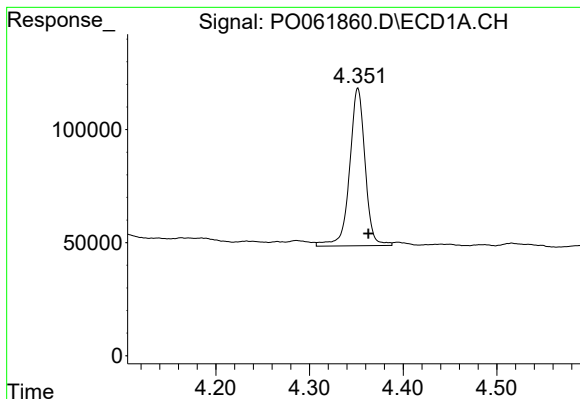
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 15:34:19 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	8.688	7.381	9980	34604	1.612	8.029 #
43) L9	AR-1268-3	8.896	7.622	44818	4735	8.767	1.321 #
44) L9	AR-1268-4	9.291	7.871	18734	17802	8.568	11.062 #
45) L9	AR-1268-5	9.686	8.170	20136	1455	1.340	0.145 #

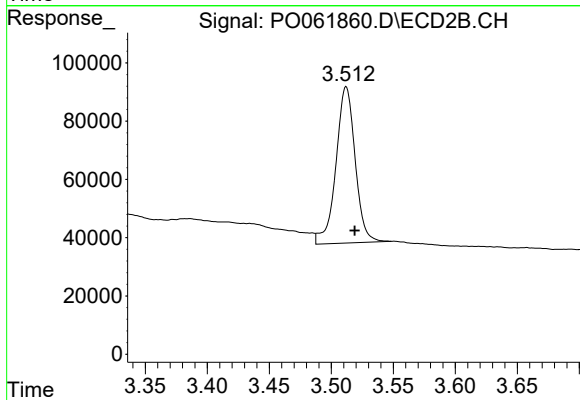
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

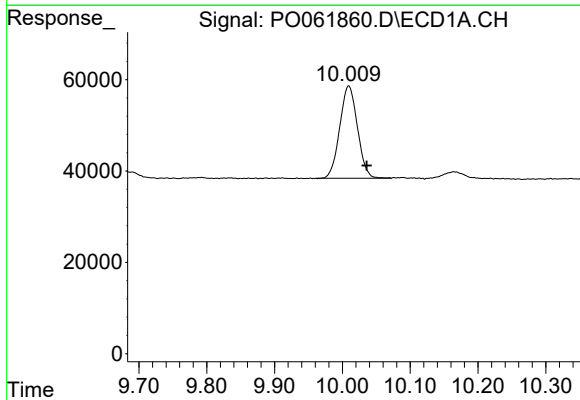
R.T.: 4.352 min
Delta R.T.: -0.011 min
Response: 800686
Conc: 19.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



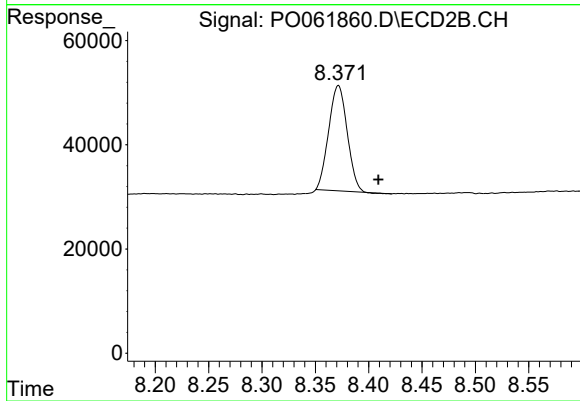
#1 Tetrachloro-m-xylene

R.T.: 3.512 min
Delta R.T.: -0.007 min
Response: 578652
Conc: 17.89 ng/ml



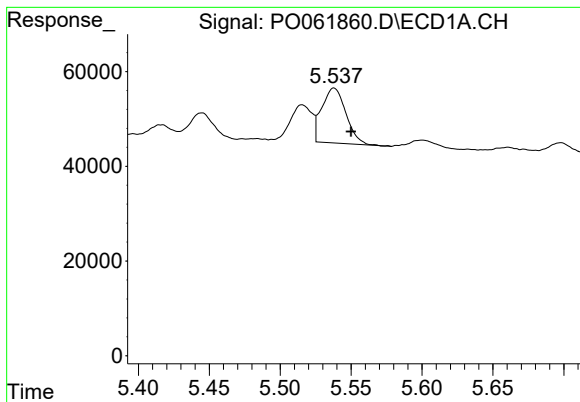
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.027 min
Response: 367220
Conc: 7.89 ng/ml



#2 Decachlorobiphenyl

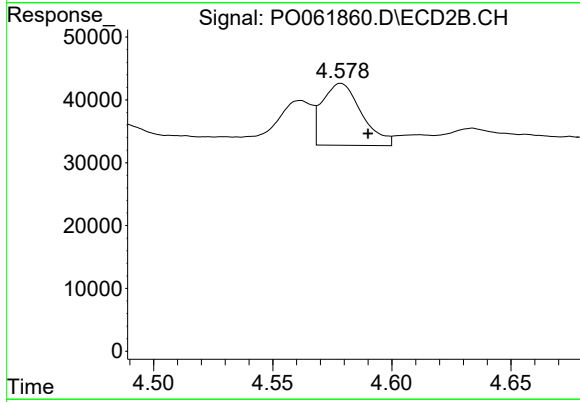
R.T.: 8.372 min
Delta R.T.: -0.037 min
Response: 243640
Conc: 7.53 ng/ml



#3 AR-1016-1

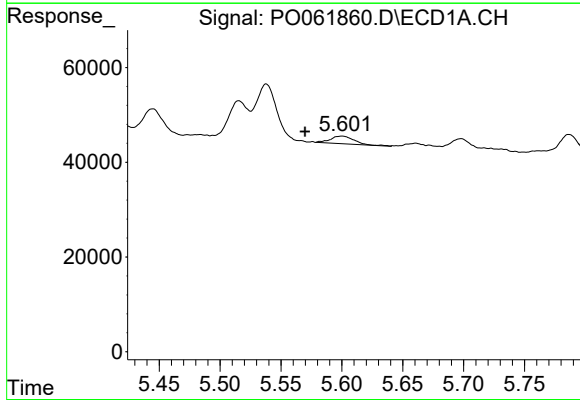
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 137973
Conc: 75.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



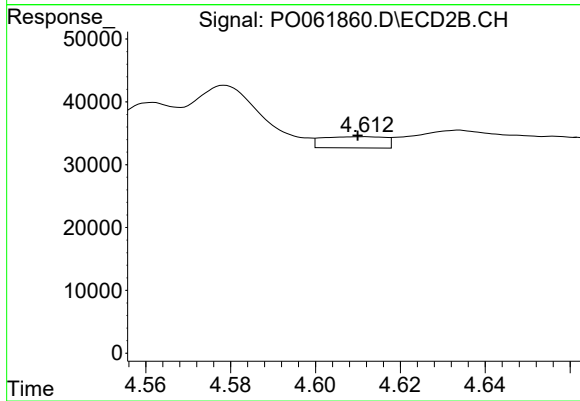
#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 113014
Conc: 84.05 ng/ml



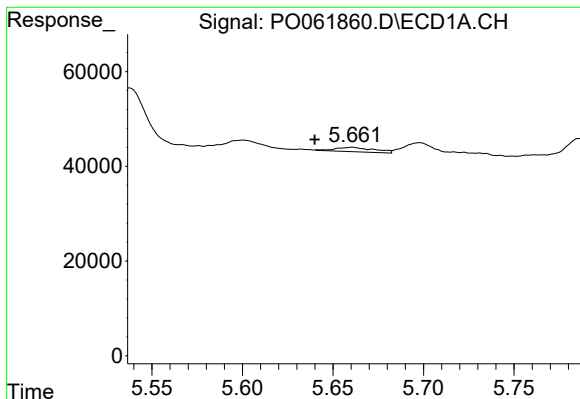
#4 AR-1016-2

R.T.: 5.600 min
Delta R.T.: 0.030 min
Response: 22085
Conc: 8.54 ng/ml



#4 AR-1016-2

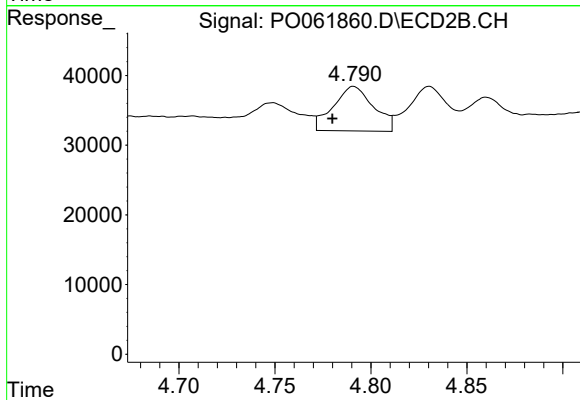
R.T.: 4.612 min
Delta R.T.: 0.002 min
Response: 18403
Conc: 9.93 ng/ml



#5 AR-1016-3

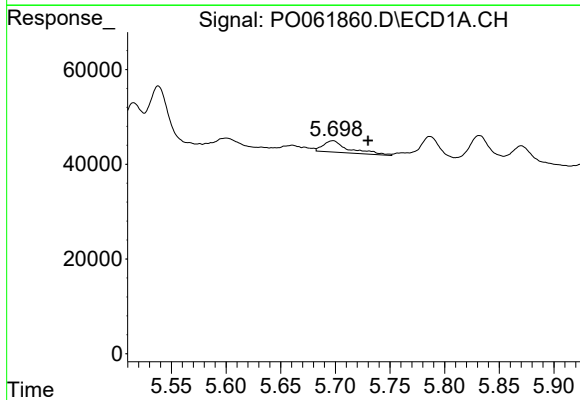
R.T.: 5.661 min
Delta R.T.: 0.021 min
Response: 13990
Conc: 8.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



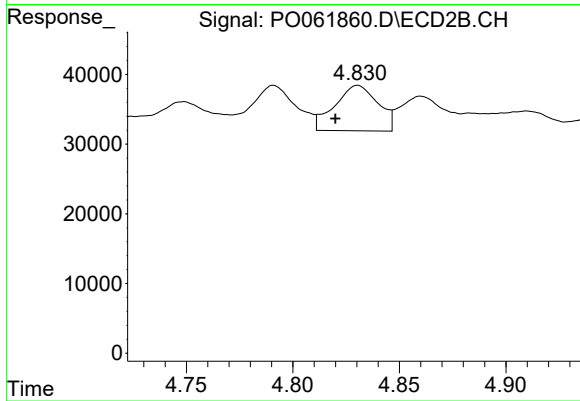
#5 AR-1016-3

R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 93482
Conc: 93.32 ng/ml



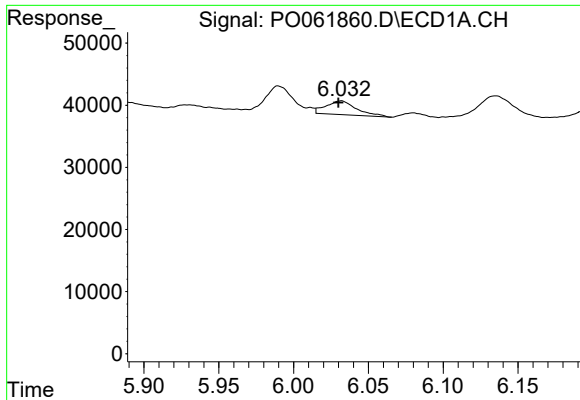
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.032 min
Response: 39252
Conc: 29.36 ng/ml



#6 AR-1016-4

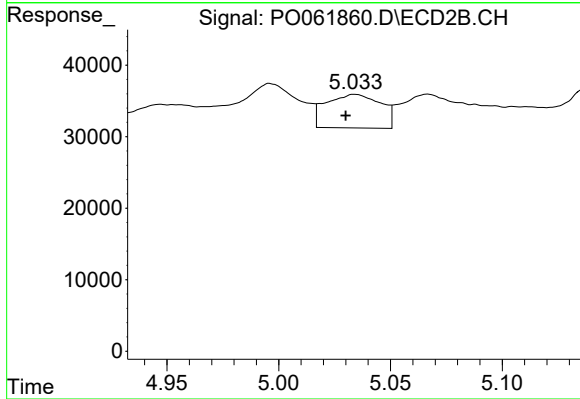
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 92304
Conc: 106.52 ng/ml



#7 AR-1016-5

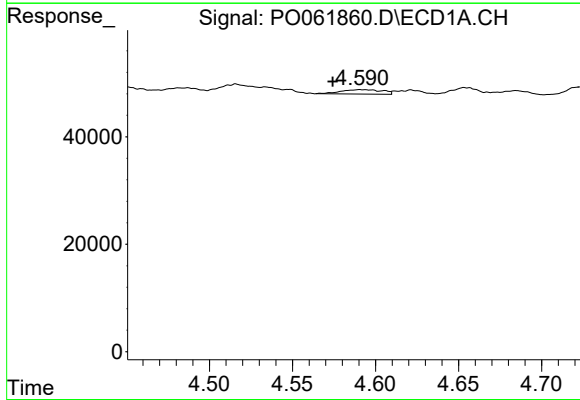
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 31924
Conc: 23.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



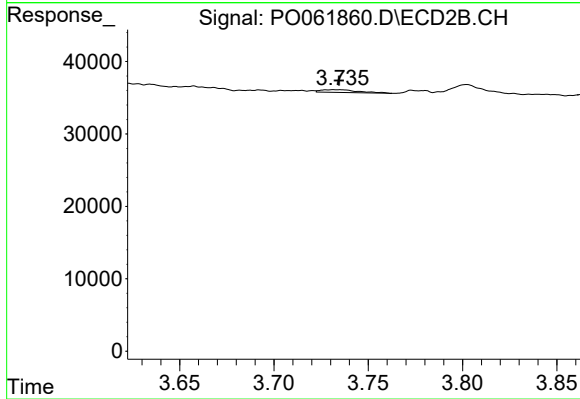
#7 AR-1016-5

R.T.: 5.034 min
Delta R.T.: 0.004 min
Response: 79909
Conc: 70.01 ng/ml



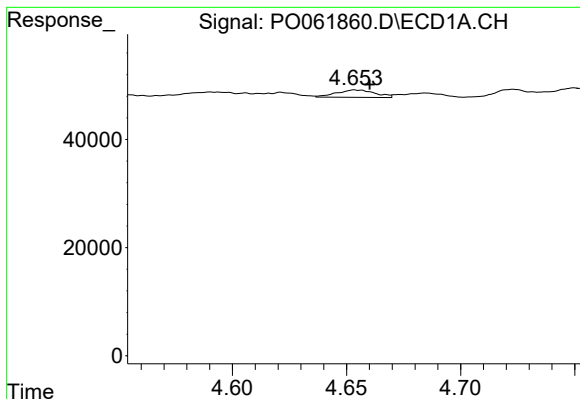
#8 AR-1221-1

R.T.: 4.591 min
Delta R.T.: 0.017 min
Response: 14476
Conc: 31.31 ng/ml



#8 AR-1221-1

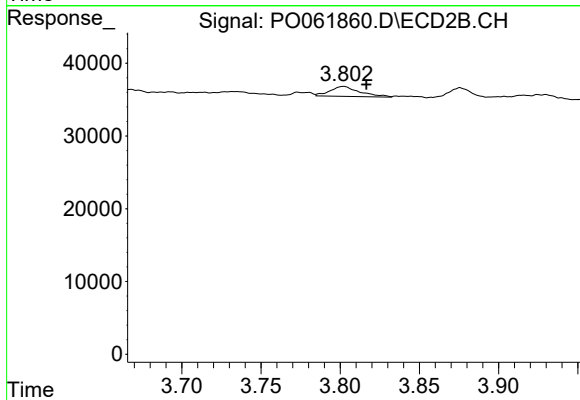
R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 5270
Conc: 13.31 ng/ml



#9 AR-1221-2

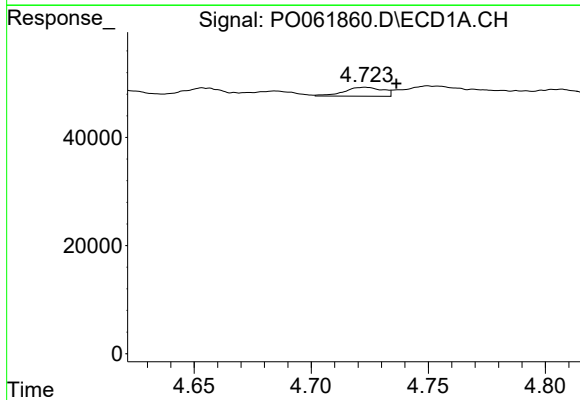
R.T.: 4.654 min
Delta R.T.: -0.006 min
Response: 16191
Conc: 45.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



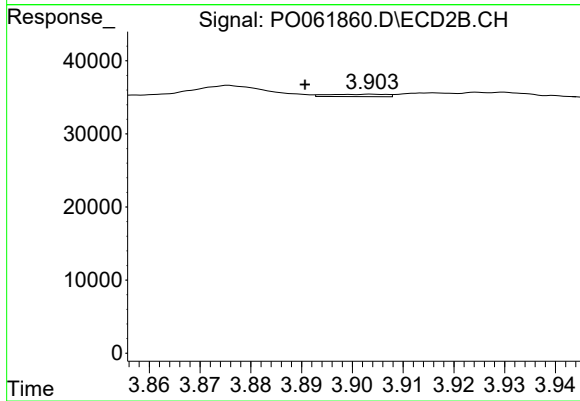
#9 AR-1221-2

R.T.: 3.802 min
Delta R.T.: -0.014 min
Response: 17914
Conc: 58.09 ng/ml



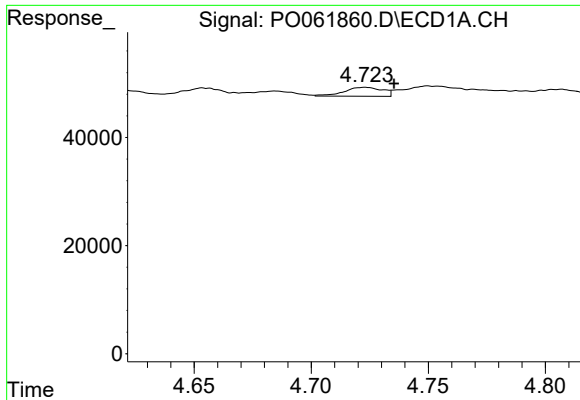
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 18856
Conc: 16.56 ng/ml



#10 AR-1221-3

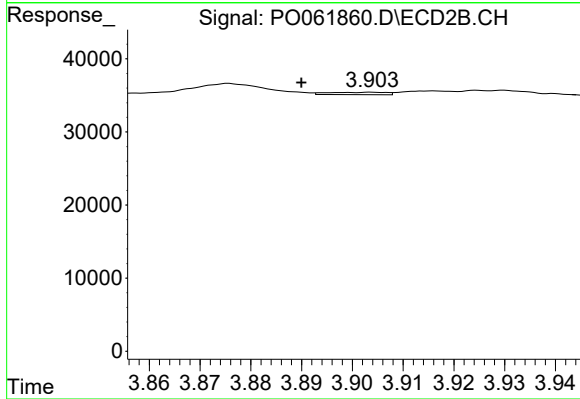
R.T.: 3.904 min
Delta R.T.: 0.013 min
Response: 2661
Conc: 2.92 ng/ml



#11 AR-1232-1

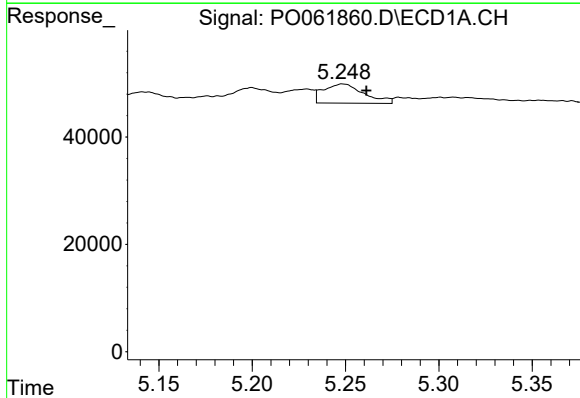
R.T.: 4.723 min
Delta R.T.: -0.012 min
Response: 18856
Conc: 13.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



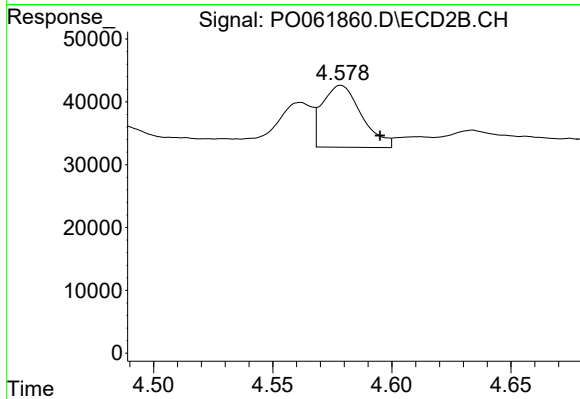
#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: 0.014 min
Response: 2661
Conc: 2.37 ng/ml



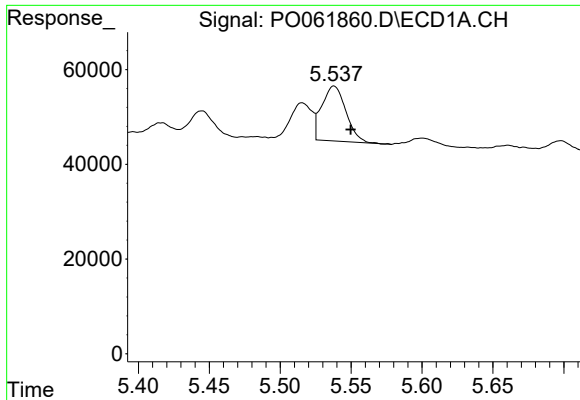
#12 AR-1232-2

R.T.: 5.249 min
Delta R.T.: -0.012 min
Response: 54338
Conc: 69.26 ng/ml



#12 AR-1232-2

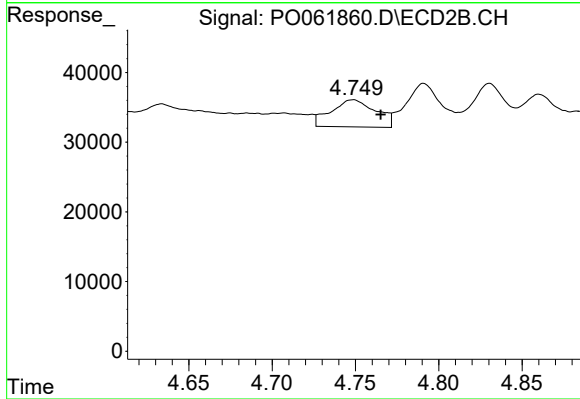
R.T.: 4.579 min
Delta R.T.: -0.016 min
Response: 113014
Conc: 92.58 ng/ml



#13 AR-1232-3

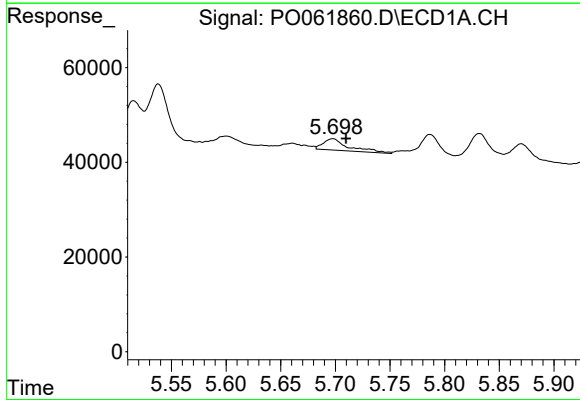
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 137973
Conc: 80.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



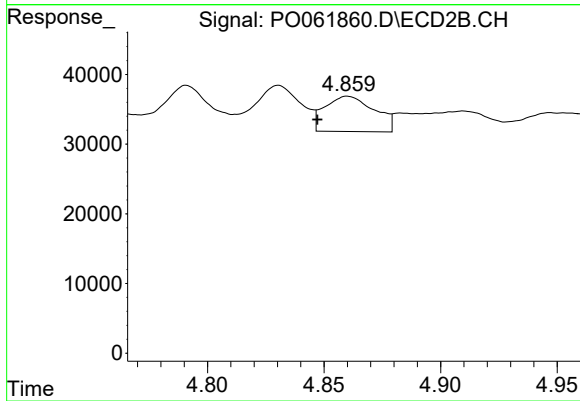
#13 AR-1232-3

R.T.: 4.749 min
Delta R.T.: -0.016 min
Response: 72816
Conc: 110.28 ng/ml



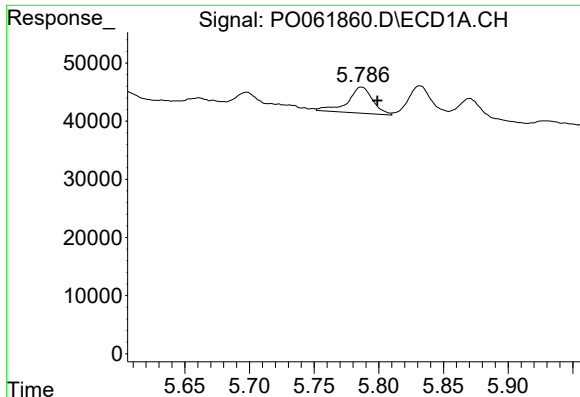
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 39252
Conc: 44.36 ng/ml



#14 AR-1232-4

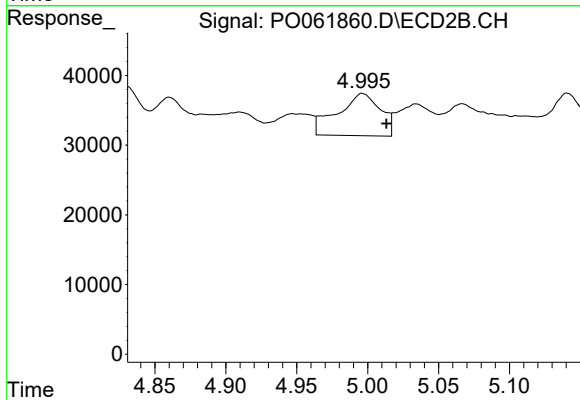
R.T.: 4.860 min
Delta R.T.: 0.013 min
Response: 74933
Conc: 118.87 ng/ml



#15 AR-1232-5

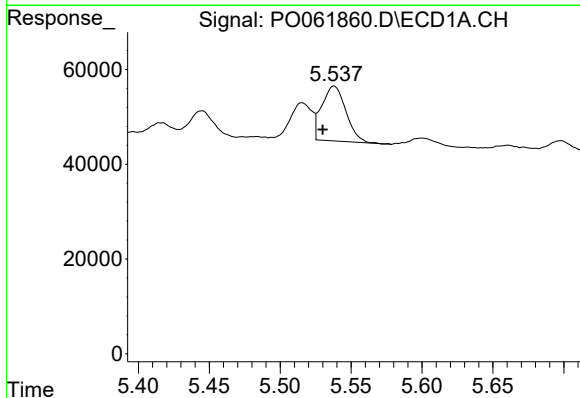
R.T.: 5.787 min
Delta R.T.: -0.012 min
Response: 60787
Conc: 87.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



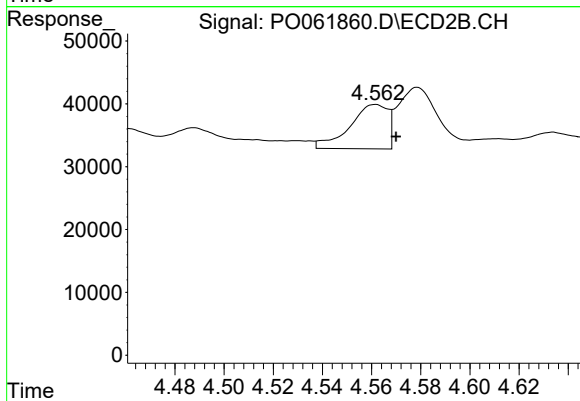
#15 AR-1232-5

R.T.: 4.996 min
Delta R.T.: -0.017 min
Response: 128356
Conc: 187.07 ng/ml



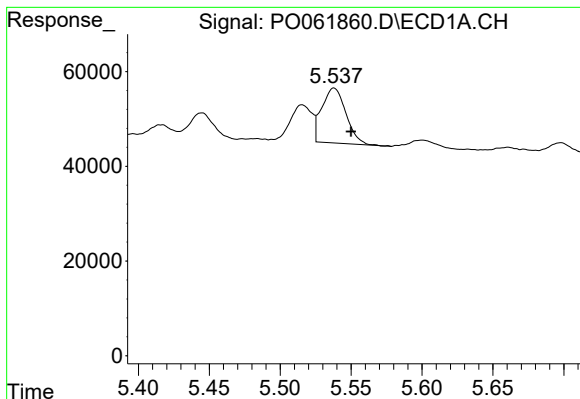
#16 AR-1242-1

R.T.: 5.538 min
Delta R.T.: 0.008 min
Response: 137973
Conc: 97.15 ng/ml



#16 AR-1242-1

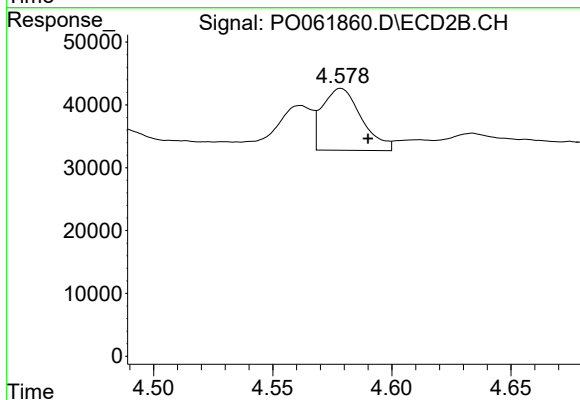
R.T.: 4.562 min
Delta R.T.: -0.008 min
Response: 76182
Conc: 74.36 ng/ml



#17 AR-1242-2

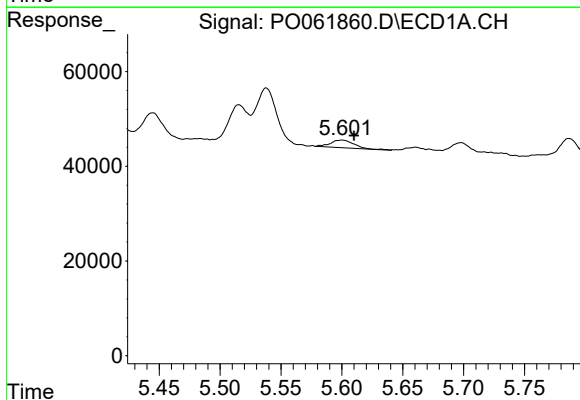
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 137973
Conc: 68.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



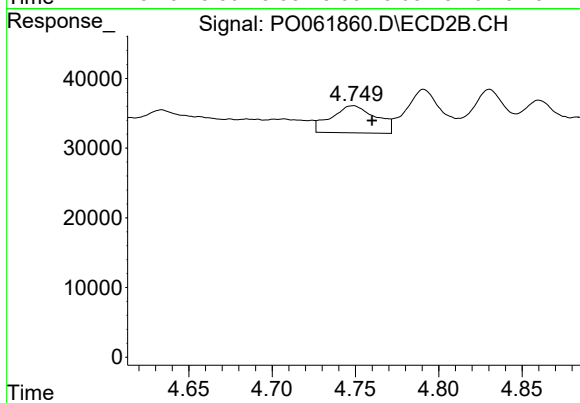
#17 AR-1242-2

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 113014
Conc: 80.14 ng/ml



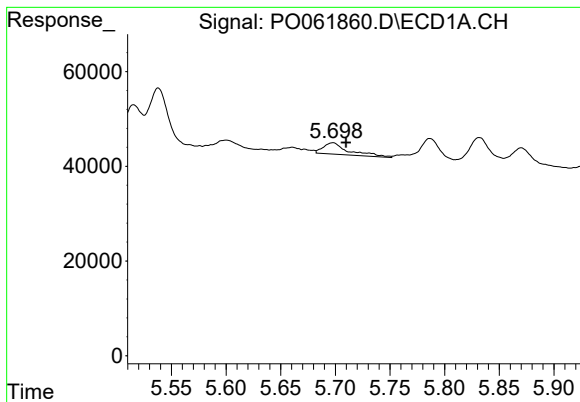
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: -0.010 min
Response: 22085
Conc: 17.50 ng/ml



#18 AR-1242-3

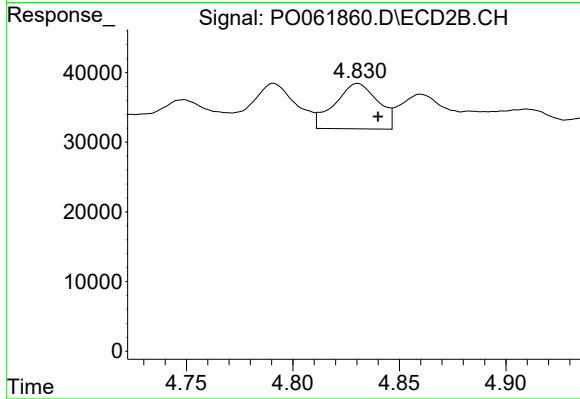
R.T.: 4.749 min
Delta R.T.: -0.011 min
Response: 72816
Conc: 93.25 ng/ml



#19 AR-1242-4

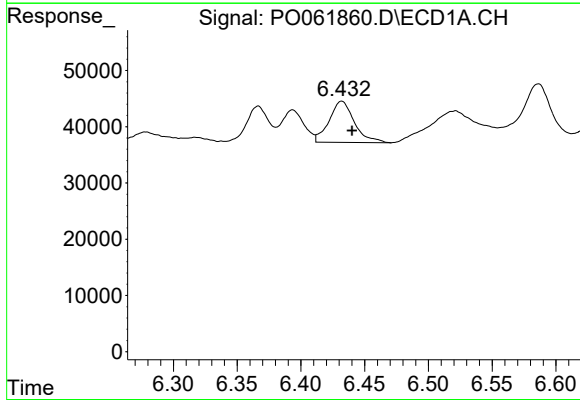
R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 39252
Conc: 37.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



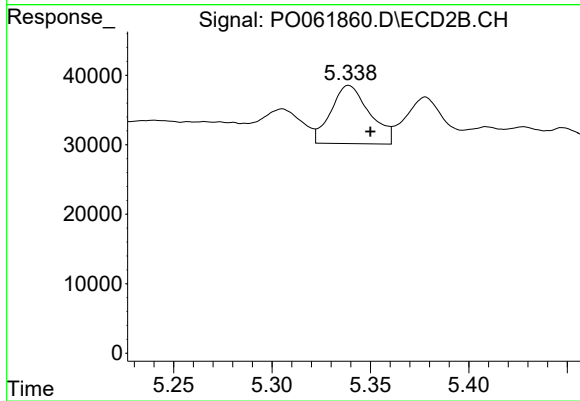
#19 AR-1242-4

R.T.: 4.831 min
Delta R.T.: -0.009 min
Response: 92304
Conc: 112.48 ng/ml



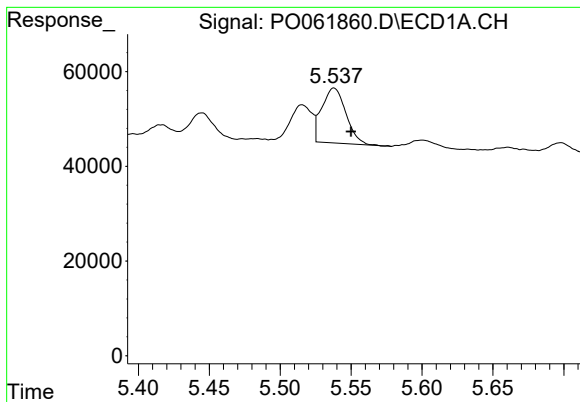
#20 AR-1242-5

R.T.: 6.432 min
Delta R.T.: -0.008 min
Response: 101139
Conc: 75.62 ng/ml



#20 AR-1242-5

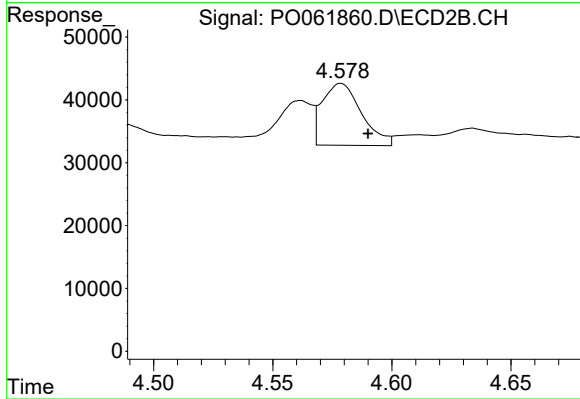
R.T.: 5.339 min
Delta R.T.: -0.011 min
Response: 114669
Conc: 107.04 ng/ml



#21 AR-1248-1

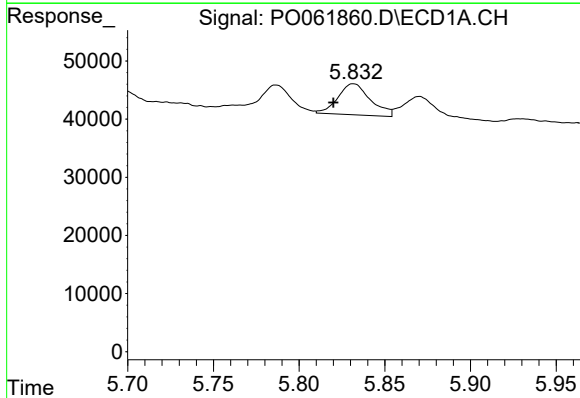
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 137973
Conc: 117.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



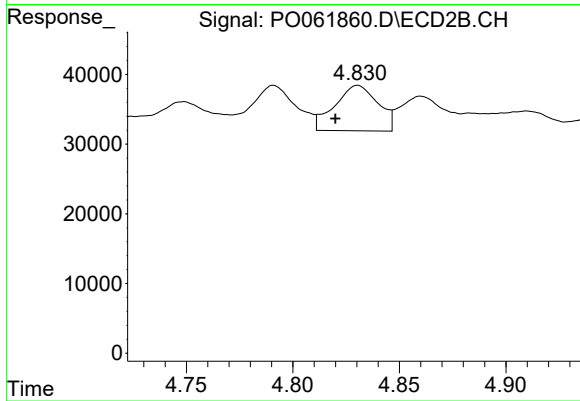
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 113014
Conc: 126.30 ng/ml



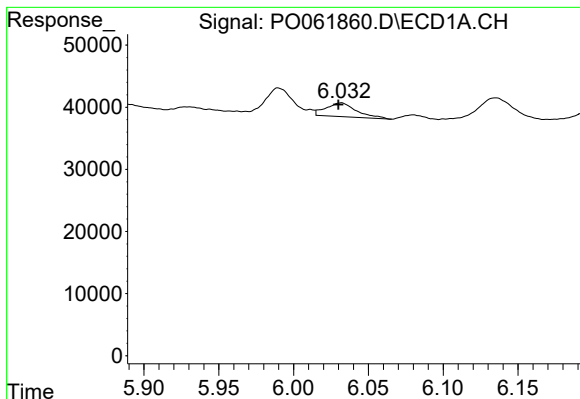
#22 AR-1248-2

R.T.: 5.832 min
Delta R.T.: 0.012 min
Response: 70807
Conc: 41.97 ng/ml



#22 AR-1248-2

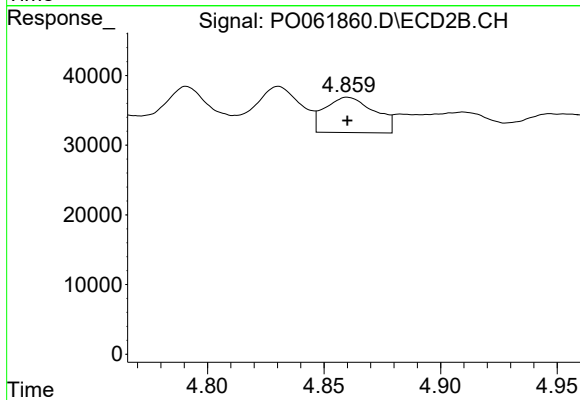
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 92304
Conc: 78.34 ng/ml



#23 AR-1248-3

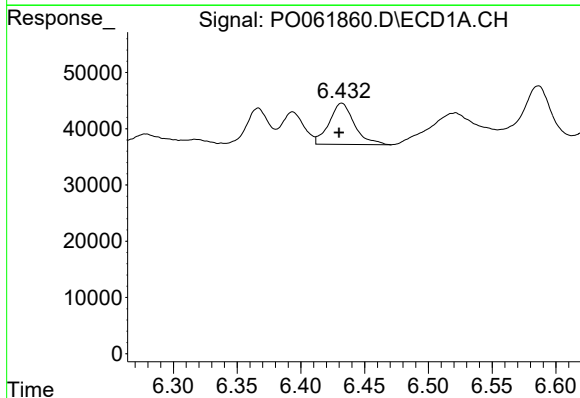
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 31924
Conc: 17.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



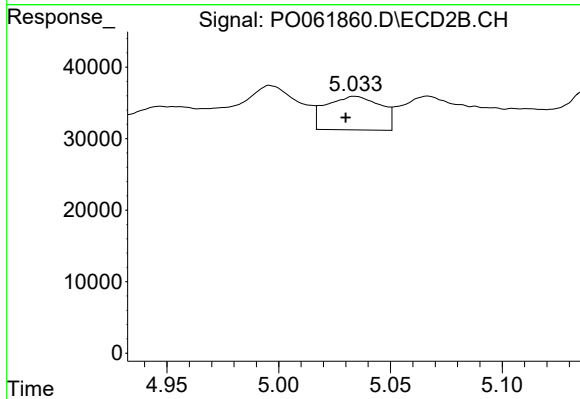
#23 AR-1248-3

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 74933
Conc: 60.37 ng/ml



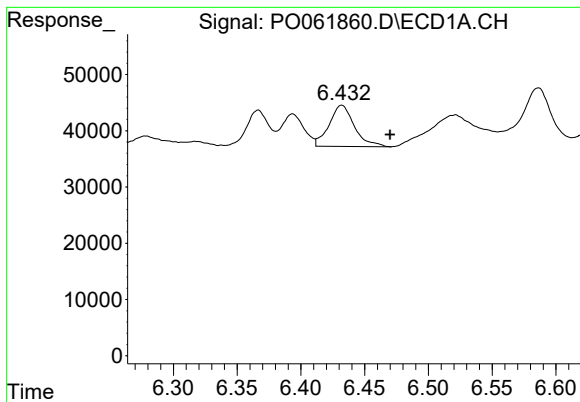
#24 AR-1248-4

R.T.: 6.432 min
Delta R.T.: 0.002 min
Response: 101139
Conc: 42.80 ng/ml



#24 AR-1248-4

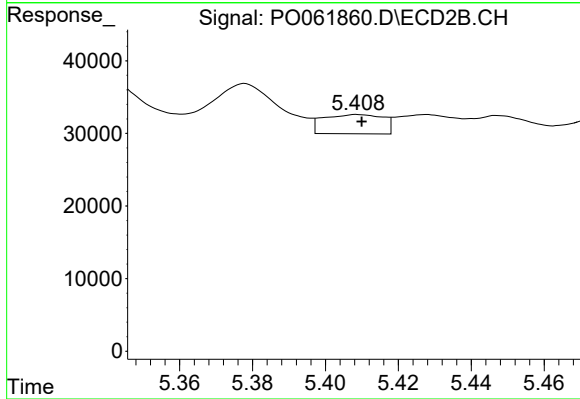
R.T.: 5.034 min
Delta R.T.: 0.004 min
Response: 79909
Conc: 53.16 ng/ml



#25 AR-1248-5

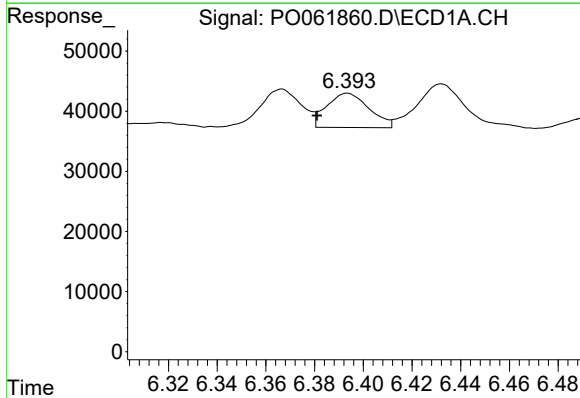
R.T.: 6.432 min
Delta R.T.: -0.038 min
Response: 101139
Conc: 44.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



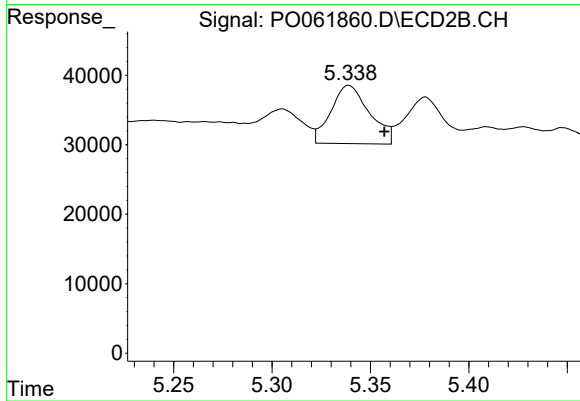
#25 AR-1248-5

R.T.: 5.409 min
Delta R.T.: -0.001 min
Response: 30207
Conc: 19.69 ng/ml



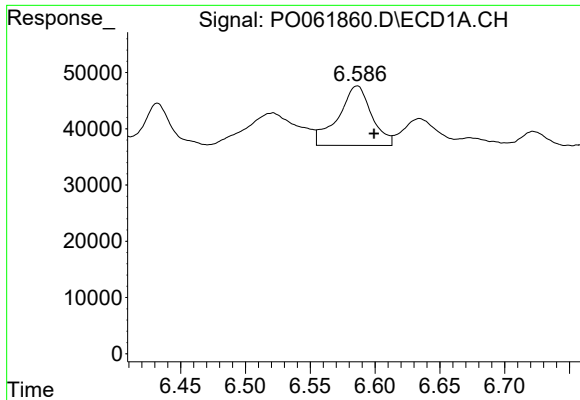
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 69026
Conc: 30.26 ng/ml



#26 AR-1254-1

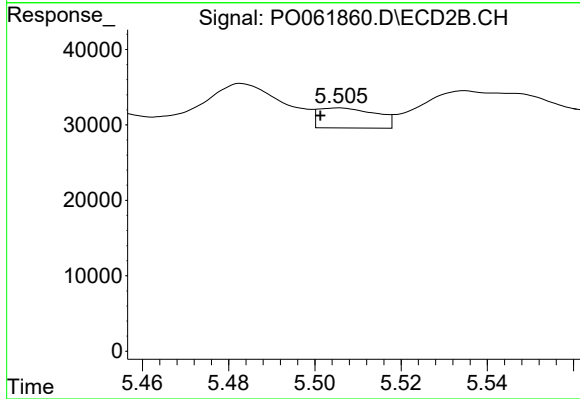
R.T.: 5.339 min
Delta R.T.: -0.018 min
Response: 114669
Conc: 52.28 ng/ml



#27 AR-1254-2

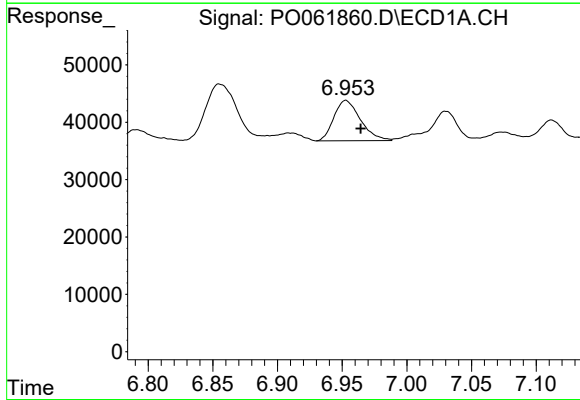
R.T.: 6.586 min
Delta R.T.: -0.013 min
Response: 189851
Conc: 52.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



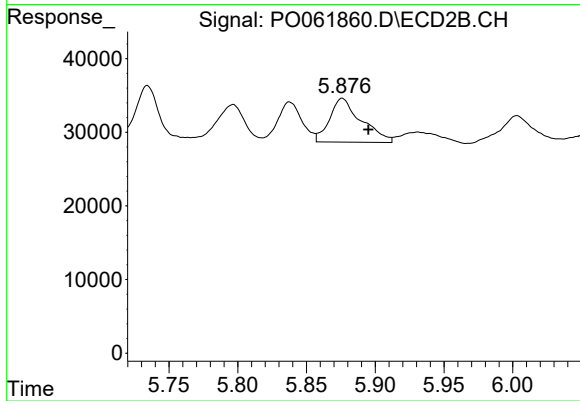
#27 AR-1254-2

R.T.: 5.506 min
Delta R.T.: 0.004 min
Response: 24614
Conc: 12.55 ng/ml



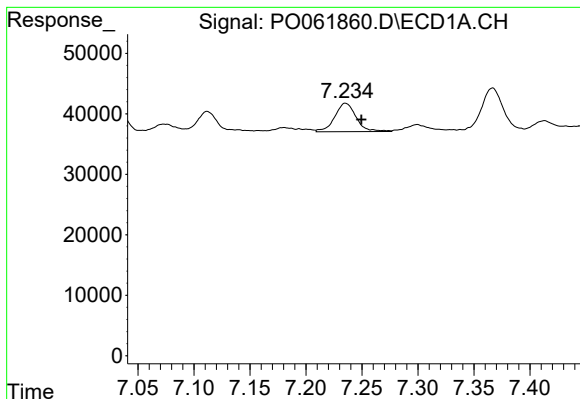
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.012 min
Response: 100217
Conc: 25.65 ng/ml



#28 AR-1254-3

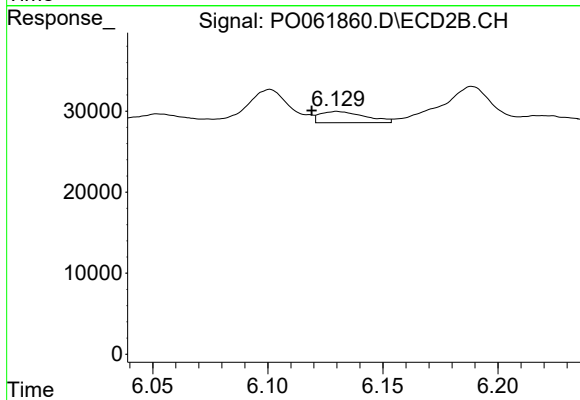
R.T.: 5.876 min
Delta R.T.: -0.019 min
Response: 95619
Conc: 30.03 ng/ml



#29 AR-1254-4

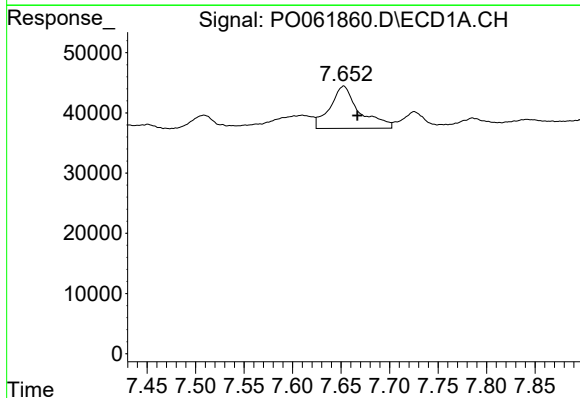
R.T.: 7.235 min
Delta R.T.: -0.014 min
Response: 62594
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



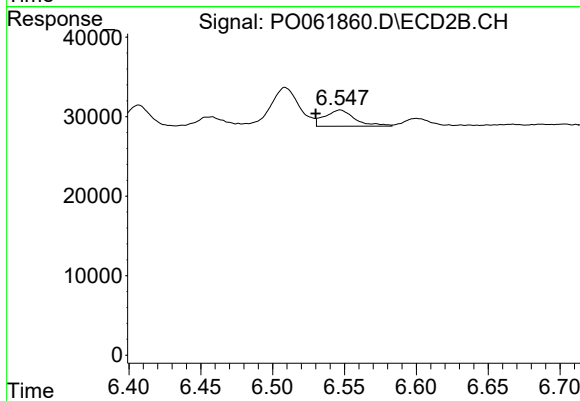
#29 AR-1254-4

R.T.: 6.130 min
Delta R.T.: 0.011 min
Response: 18711
Conc: 9.22 ng/ml



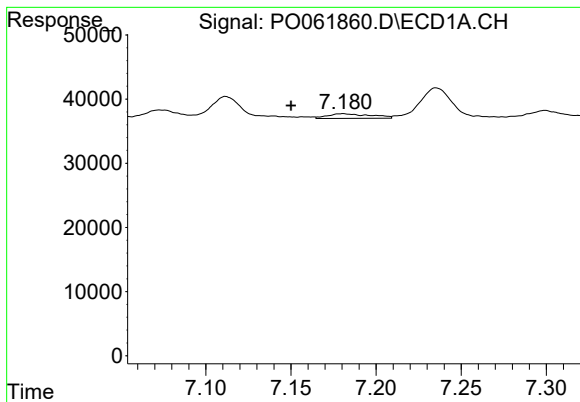
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.014 min
Response: 147832
Conc: 47.07 ng/ml



#30 AR-1254-5

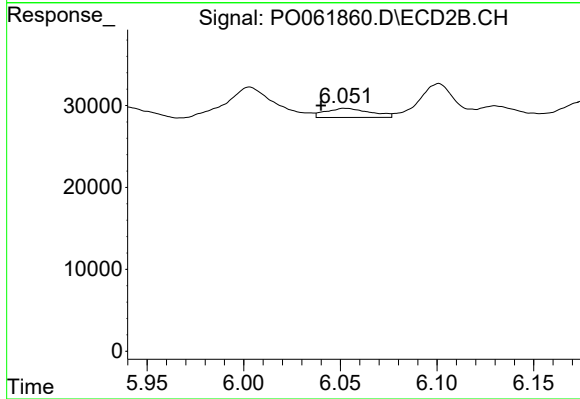
R.T.: 6.547 min
Delta R.T.: 0.017 min
Response: 29844
Conc: 10.55 ng/ml



#31 AR-1260-1

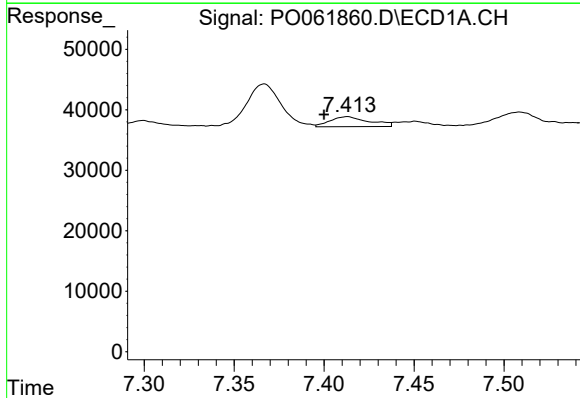
R.T.: 7.180 min
Delta R.T.: 0.030 min
Response: 12656
Conc: 4.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



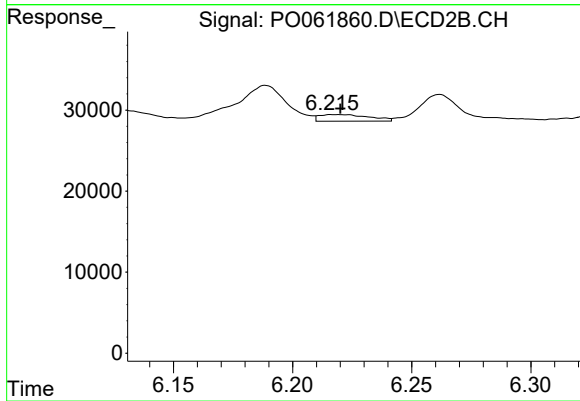
#31 AR-1260-1

R.T.: 6.052 min
Delta R.T.: 0.012 min
Response: 18062
Conc: 8.85 ng/ml



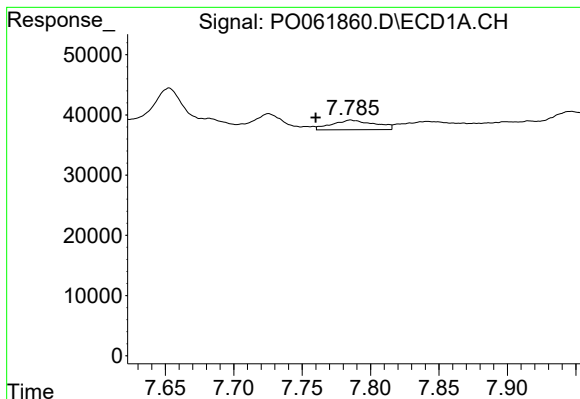
#32 AR-1260-2

R.T.: 7.413 min
Delta R.T.: 0.013 min
Response: 25110
Conc: 7.88 ng/ml



#32 AR-1260-2

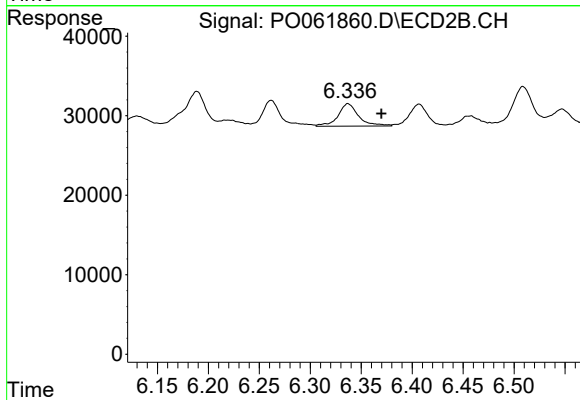
R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 12133
Conc: 5.05 ng/ml



#33 AR-1260-3

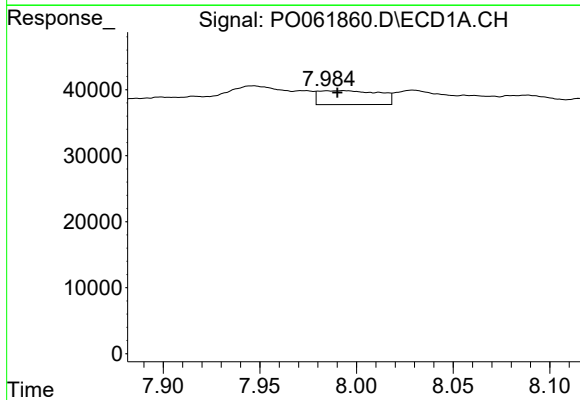
R.T.: 7.785 min
Delta R.T.: 0.025 min
Response: 34571
Conc: 14.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



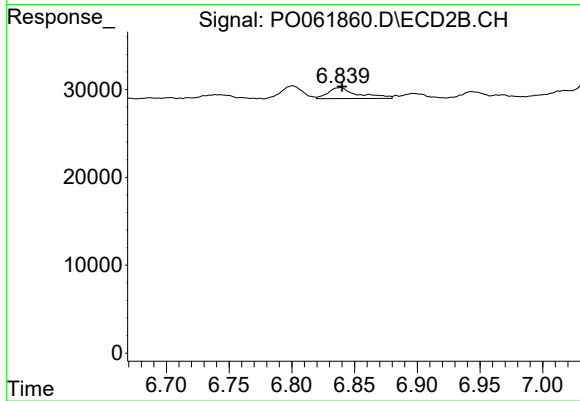
#33 AR-1260-3

R.T.: 6.337 min
Delta R.T.: -0.033 min
Response: 39856
Conc: 17.69 ng/ml



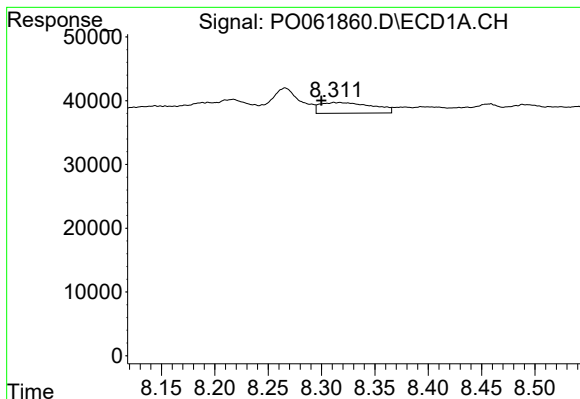
#34 AR-1260-4

R.T.: 7.994 min
Delta R.T.: 0.004 min
Response: 45968
Conc: 17.20 ng/ml



#34 AR-1260-4

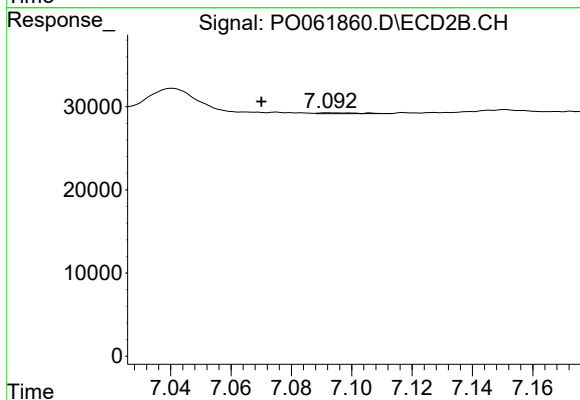
R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 20639
Conc: 11.18 ng/ml



#35 AR-1260-5

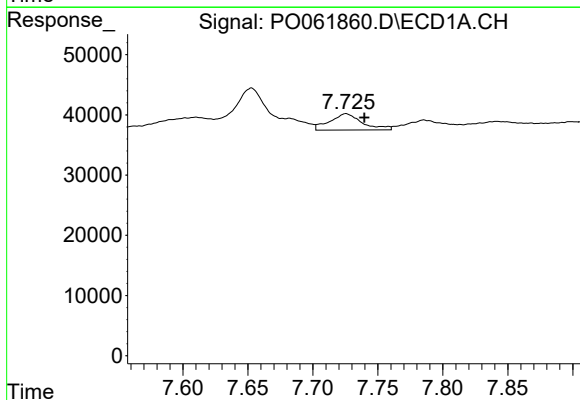
R.T.: 8.312 min
Delta R.T.: 0.012 min
Response: 57213
Conc: 11.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



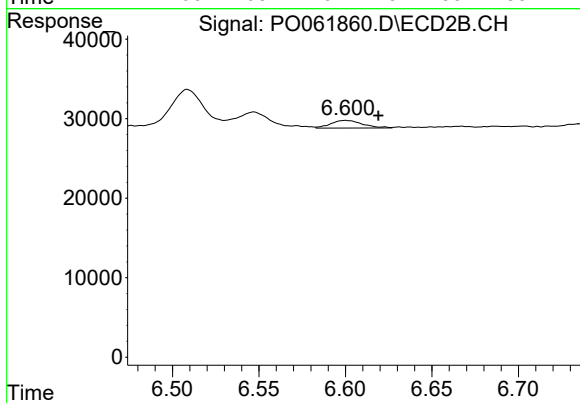
#35 AR-1260-5

R.T.: 7.092 min
Delta R.T.: 0.022 min
Response: 934
Conc: 0.24 ng/ml



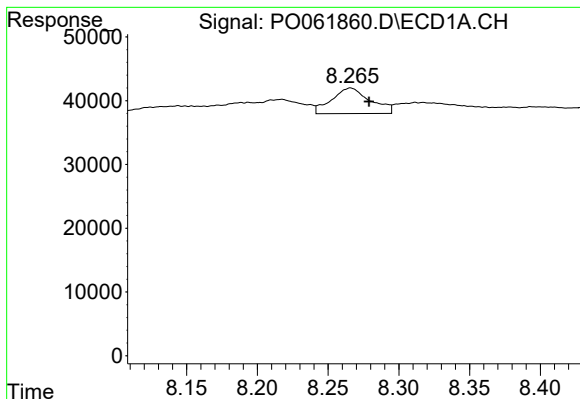
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: -0.014 min
Response: 46803
Conc: 12.22 ng/ml



#36 AR-1262-1

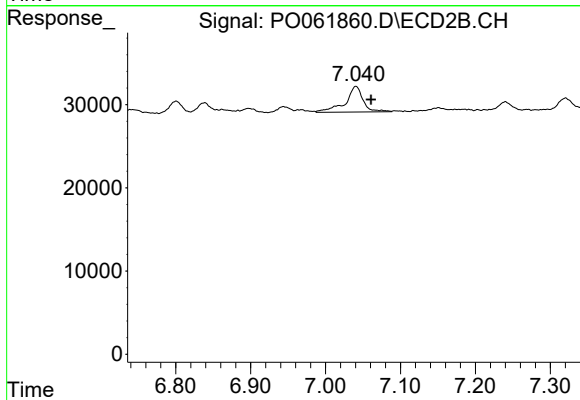
R.T.: 6.600 min
Delta R.T.: -0.019 min
Response: 12076
Conc: 9.89 ng/ml



#37 AR-1262-2

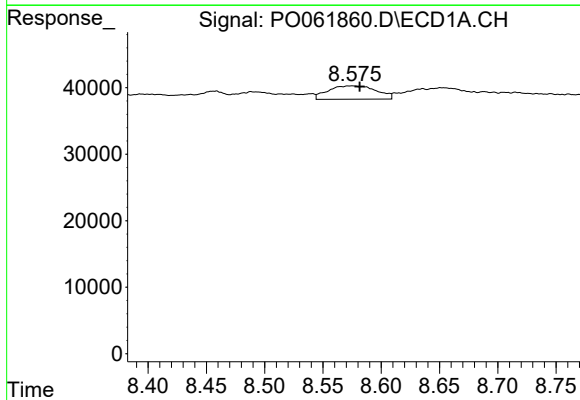
R.T.: 8.266 min
Delta R.T.: -0.013 min
Response: 75923
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



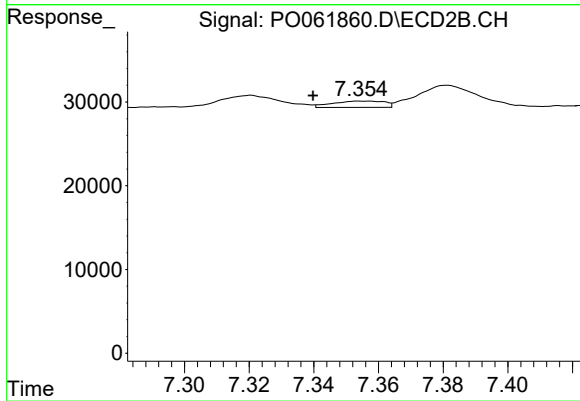
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: -0.020 min
Response: 50852
Conc: 11.06 ng/ml



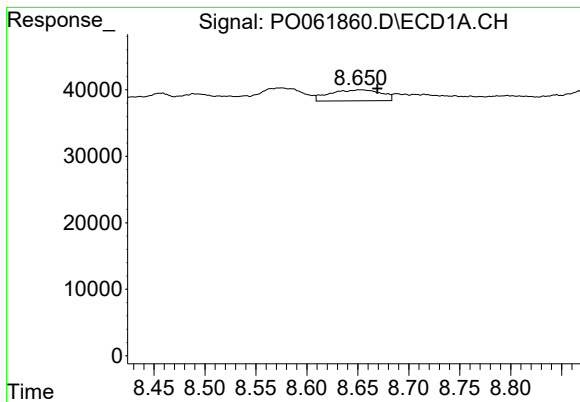
#38 AR-1262-3

R.T.: 8.575 min
Delta R.T.: -0.006 min
Response: 57854
Conc: 13.92 ng/ml



#38 AR-1262-3

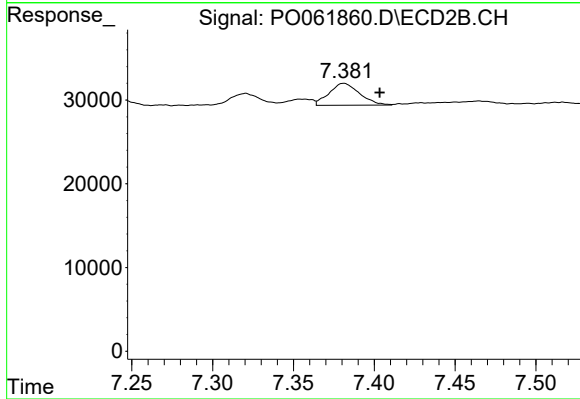
R.T.: 7.355 min
Delta R.T.: 0.015 min
Response: 8580
Conc: 4.55 ng/ml



#39 AR-1262-4

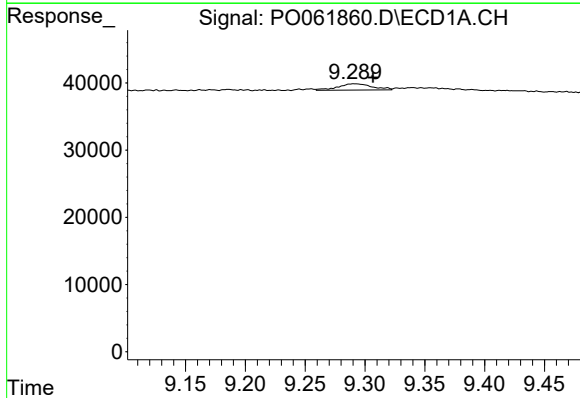
R.T.: 8.651 min
Delta R.T.: -0.018 min
Response: 57578
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



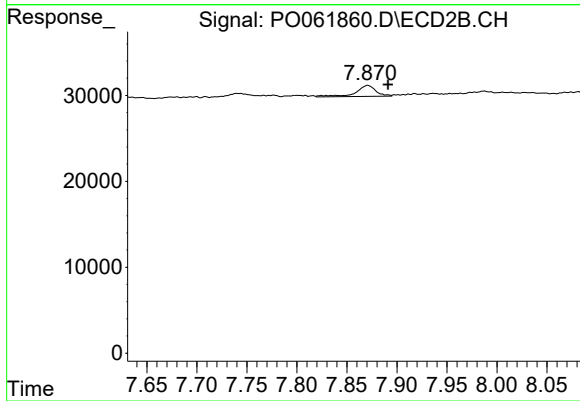
#39 AR-1262-4

R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 34604
Conc: 10.30 ng/ml



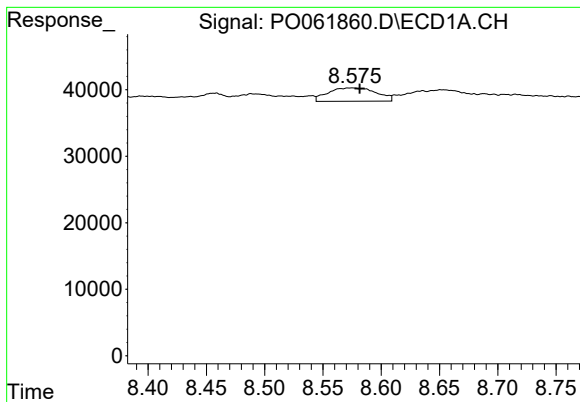
#40 AR-1262-5

R.T.: 9.291 min
Delta R.T.: -0.016 min
Response: 18734
Conc: 9.21 ng/ml



#40 AR-1262-5

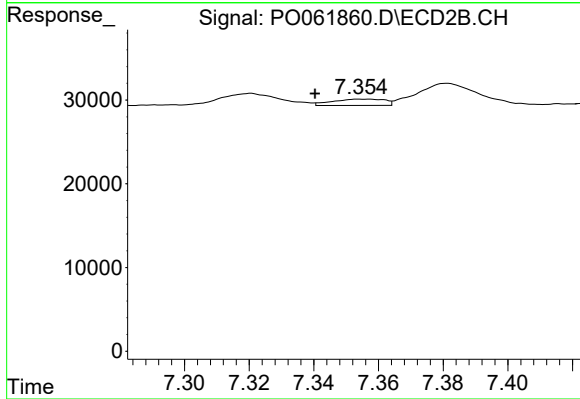
R.T.: 7.871 min
Delta R.T.: -0.020 min
Response: 17802
Conc: 11.74 ng/ml



#41 AR-1268-1

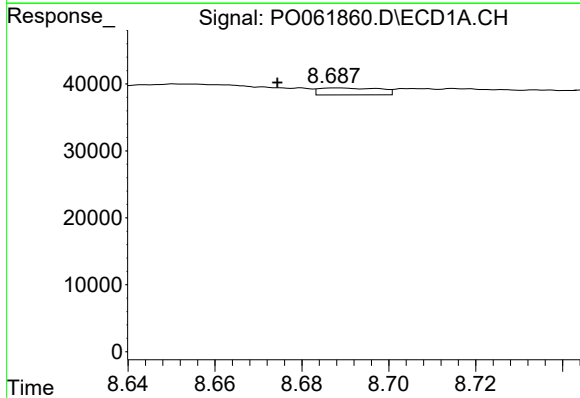
R.T.: 8.575 min
Delta R.T.: -0.006 min
Response: 57854
Conc: 8.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



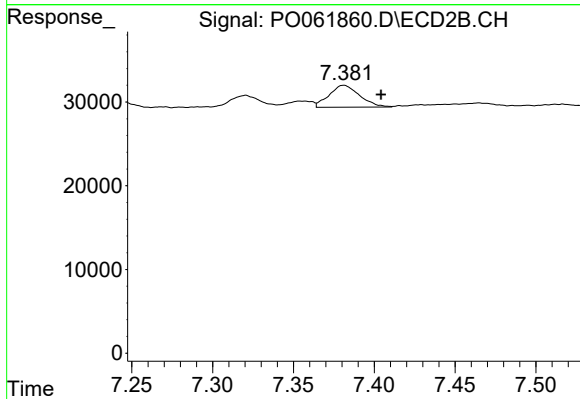
#41 AR-1268-1

R.T.: 7.355 min
Delta R.T.: 0.015 min
Response: 8580
Conc: 1.78 ng/ml



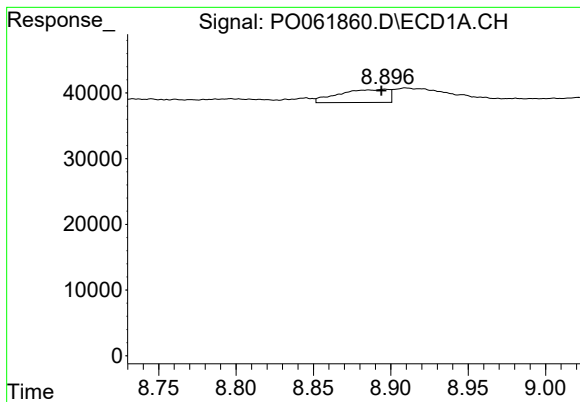
#42 AR-1268-2

R.T.: 8.688 min
Delta R.T.: 0.014 min
Response: 9980
Conc: 1.61 ng/ml



#42 AR-1268-2

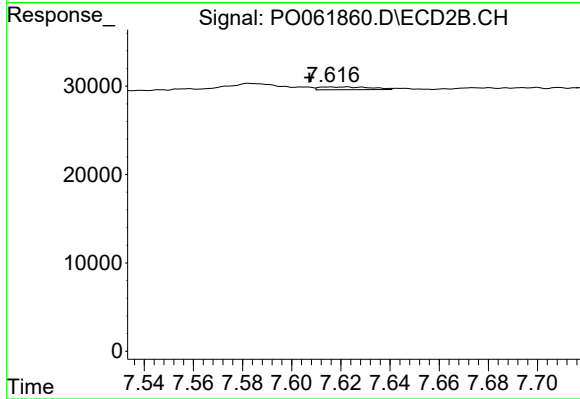
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 34604
Conc: 8.03 ng/ml



#43 AR-1268-3

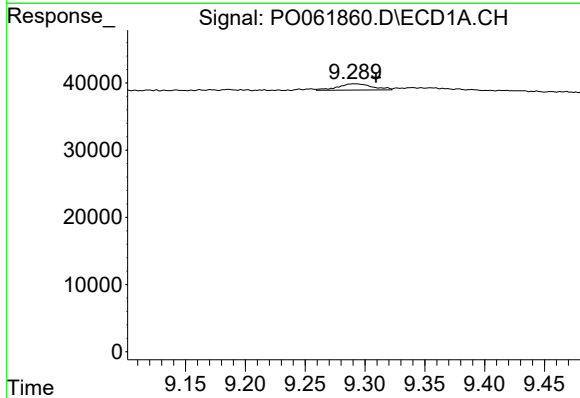
R.T.: 8.896 min
Delta R.T.: 0.003 min
Response: 44818
Conc: 8.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



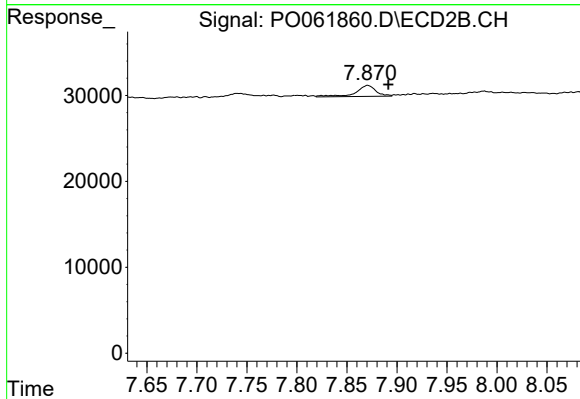
#43 AR-1268-3

R.T.: 7.622 min
Delta R.T.: 0.015 min
Response: 4735
Conc: 1.32 ng/ml



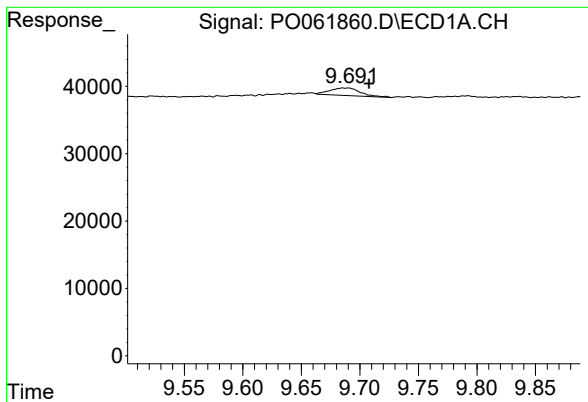
#44 AR-1268-4

R.T.: 9.291 min
Delta R.T.: -0.018 min
Response: 18734
Conc: 8.57 ng/ml



#44 AR-1268-4

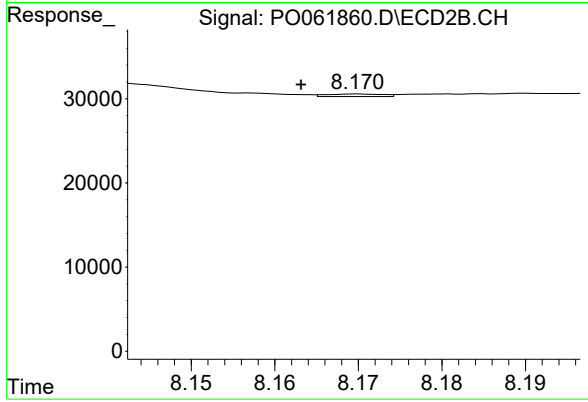
R.T.: 7.871 min
Delta R.T.: -0.021 min
Response: 17802
Conc: 11.06 ng/ml



#45 AR-1268-5

R.T.: 9.686 min
Delta R.T.: -0.022 min
Response: 20136
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.170 min
Delta R.T.: 0.007 min
Response: 1455
Conc: 0.14 ng/ml