

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061868.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 17:45
 Operator : HP/AJ
 Sample : K5297-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:15:45 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	3.513	900240	647710	21.949	20.028
2)	SA Decachlor...	10.008	8.371	579691	372693	12.447	11.511
Target Compounds							
3)	L1 AR-1016-1	5.543	4.580	5127	16822	2.796	12.510 #
4)	L1 AR-1016-2	5.543	4.613	5127	9586	1.983	5.172 #
5)	L1 AR-1016-3	5.630	4.771	2152	2569	1.340	2.565 #
6)	L1 AR-1016-4	5.734	4.832	7685	20372	5.749	23.509 #
7)	L1 AR-1016-5	6.029	5.028	4125	24965	3.008	21.871 #
8)	L2 AR-1221-1	4.581	3.727	2417	3155	5.228	7.966 #
9)	L2 AR-1221-2	4.656	3.801	12824	13133	35.721	42.586
10)	L2 AR-1221-3	4.752	3.897	24297	1444	21.341	1.584 #
11)	L3 AR-1232-1	4.752	3.897	24297	1444	17.375	1.286 #
12)	L3 AR-1232-2	5.251	4.580	23880	16822	30.438	13.781 #
13)	L3 AR-1232-3	5.543	4.767	5127	4311	3.001	6.529 #
14)	L3 AR-1232-4	5.717	4.855	1033	19178	1.167	30.424 #
15)	L3 AR-1232-5	5.788	5.028	16453	24965	23.730	36.384 #
16)	L4 AR-1242-1	5.543	4.564	5127	13933	3.610	13.600 #
17)	L4 AR-1242-2	5.543	4.580	5127	16822	2.551	11.929 #
18)	L4 AR-1242-3	5.630	4.759	2152	4008	1.706	5.133 #
19)	L4 AR-1242-4	5.717	4.832	1033	20372	0.983	24.825 #
20)	L4 AR-1242-5	6.393	5.339	22195	66843	16.594	62.397 #
21)	L5 AR-1248-1	5.543	4.580	5127	16822	4.364	18.799 #
22)	L5 AR-1248-2	5.835	4.832	19648	20372	11.645	17.290 #
23)	L5 AR-1248-3	6.029	4.855	4125	19178	2.207	15.450 #
24)	L5 AR-1248-4	6.393	5.028	22195	24965	9.393	16.607 #
25)	L5 AR-1248-5	6.521	5.409	446628	18077	196.974	11.783 #
26)	L6 AR-1254-1	6.393	5.339	22195	66843	9.729	30.476 #
27)	L6 AR-1254-2	6.583	5.507	274161	59847	75.880	30.527 #
28)	L6 AR-1254-3	6.957	5.894	115827	60087	29.643	18.873 #
29)	L6 AR-1254-4	7.235	6.133	58667	35592	19.371	17.543
30)	L6 AR-1254-5	7.652	6.547	80453	34125	25.619	12.065 #
31)	L7 AR-1260-1	7.181	6.049	29675	52052	11.367	25.518 #
32)	L7 AR-1260-2	7.412	6.219	78602	17598	24.656	7.327 #
33)	L7 AR-1260-3	7.784	6.378	71112	6821	29.607	3.027 #
34)	L7 AR-1260-4	8.032	6.844	81306	30300	30.428	16.412 #
35)	L7 AR-1260-5	8.317	7.085	34897	2520	7.052	0.647 #
36)	L8 AR-1262-1	7.727	6.605	46065	17888	12.023	14.655
37)	L8 AR-1262-2	8.264	7.040	76510	36376	12.324	7.911 #
38)	L8 AR-1262-3	8.582	7.322	69973	18019	16.835	9.565 #
39)	L8 AR-1262-4	8.652	7.381	53397	20904	16.915	6.220 #
40)	L8 AR-1262-5	9.311	7.886	3921	994	1.928	0.656 #
41)	L9 AR-1268-1	8.582	7.322	69973	18019	10.406	3.731 #

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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

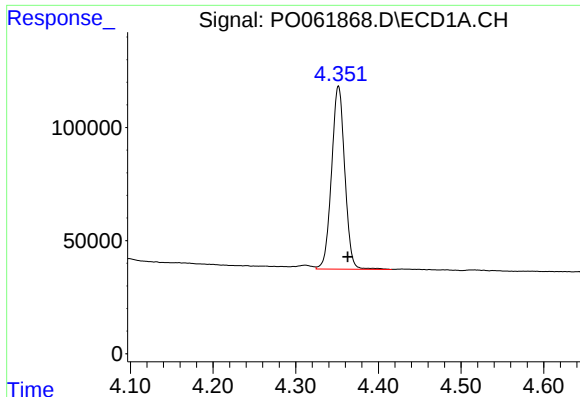
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:15:45 2019
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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	8.652	7.381	53397	20904	8.623	4.850 #
43) L9	AR-1268-3	8.878	7.616	45319	681	8.865	0.190 #
44) L9	AR-1268-4	9.311	7.886	3921	994	1.793	0.618 #
45) L9	AR-1268-5	9.684	8.181	30642	6245	2.040	0.621 #

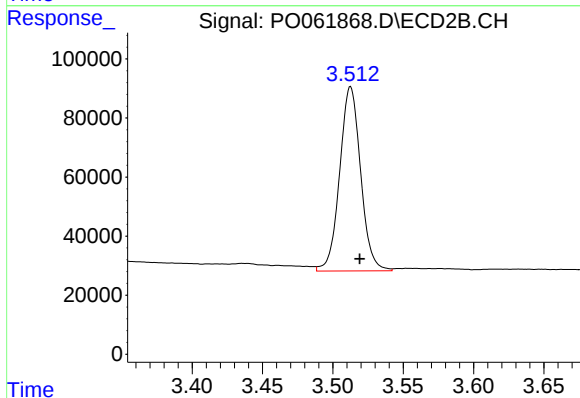
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

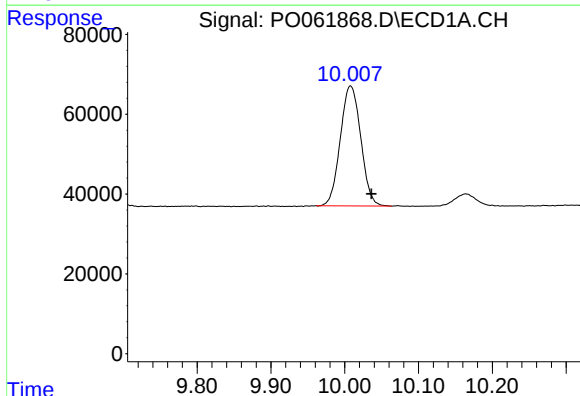
R.T.: 4.352 min
Delta R.T.: -0.011 min
Response: 900240
Conc: 21.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



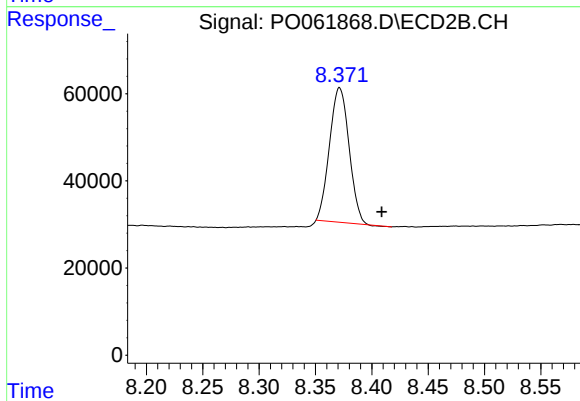
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.006 min
Response: 647710
Conc: 20.03 ng/ml



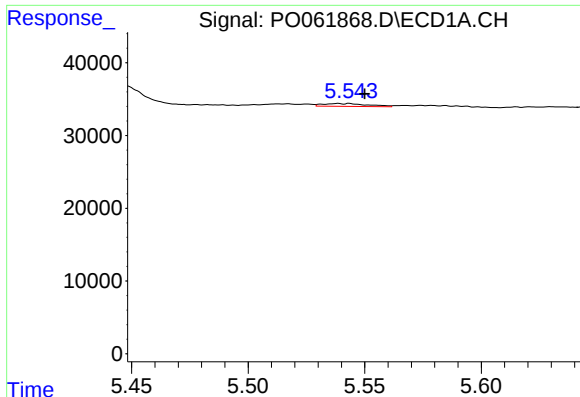
#2 Decachlorobiphenyl

R.T.: 10.008 min
Delta R.T.: -0.028 min
Response: 579691
Conc: 12.45 ng/ml



#2 Decachlorobiphenyl

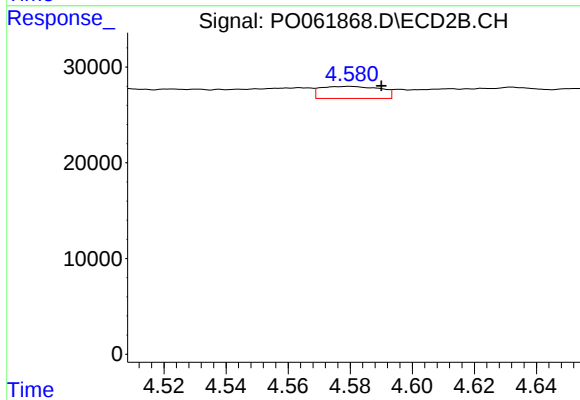
R.T.: 8.371 min
Delta R.T.: -0.038 min
Response: 372693
Conc: 11.51 ng/ml



#3 AR-1016-1

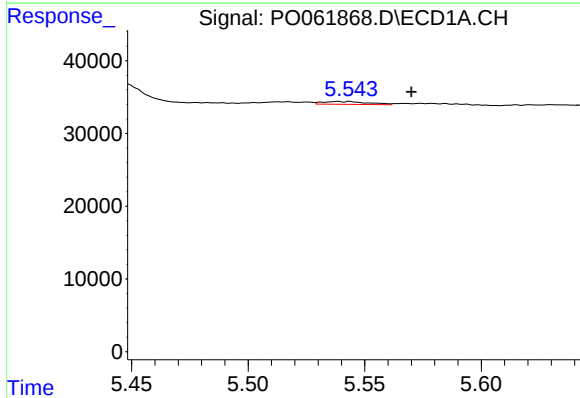
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 5127
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



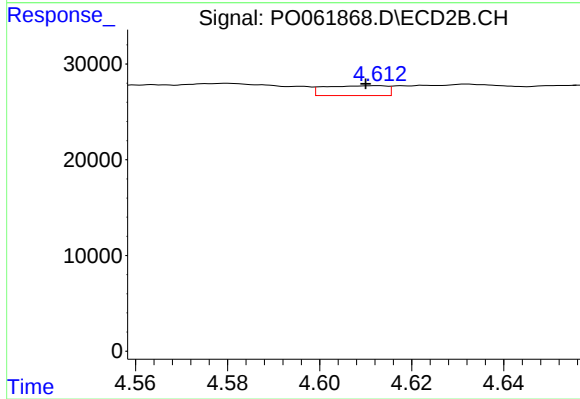
#3 AR-1016-1

R.T.: 4.580 min
Delta R.T.: -0.010 min
Response: 16822
Conc: 12.51 ng/ml



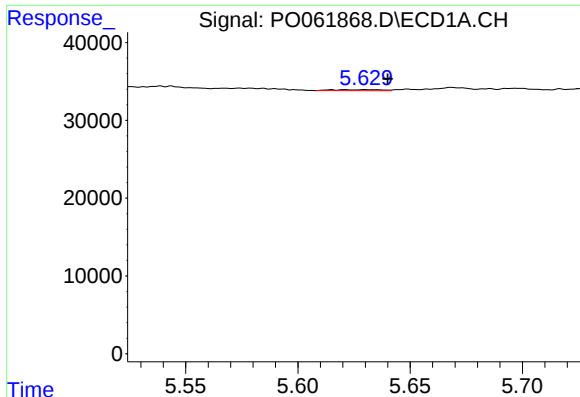
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: -0.027 min
Response: 5127
Conc: 1.98 ng/ml



#4 AR-1016-2

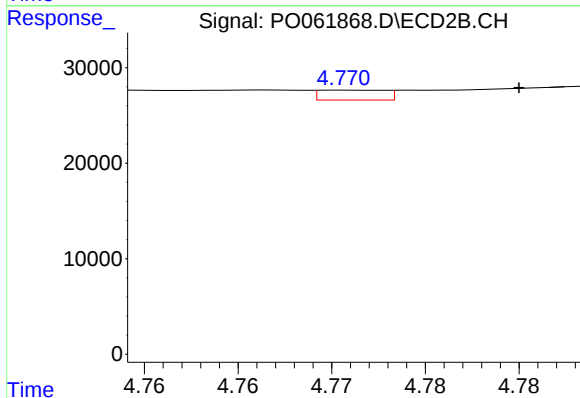
R.T.: 4.613 min
Delta R.T.: 0.003 min
Response: 9586
Conc: 5.17 ng/ml



#5 AR-1016-3

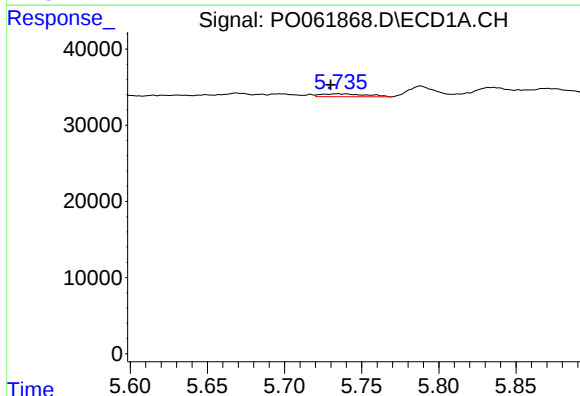
R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 2152
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



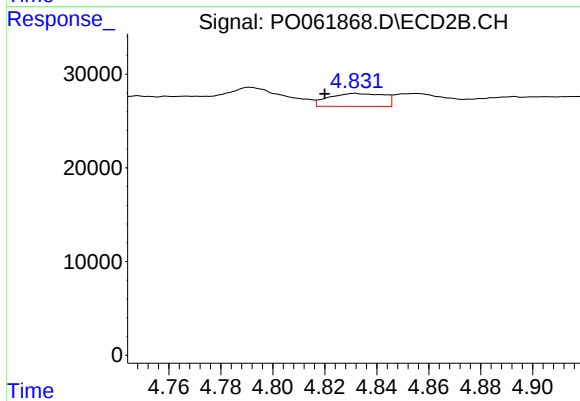
#5 AR-1016-3

R.T.: 4.771 min
Delta R.T.: -0.009 min
Response: 2569
Conc: 2.56 ng/ml



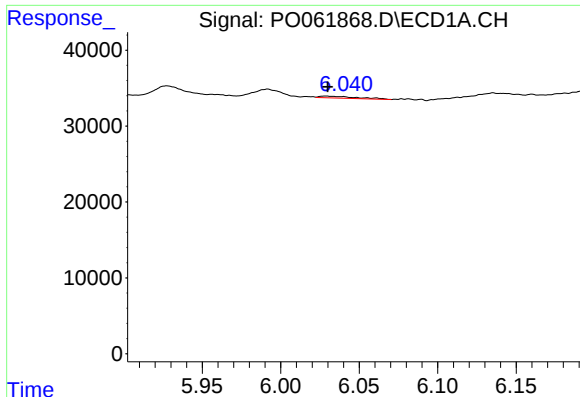
#6 AR-1016-4

R.T.: 5.734 min
Delta R.T.: 0.004 min
Response: 7685
Conc: 5.75 ng/ml



#6 AR-1016-4

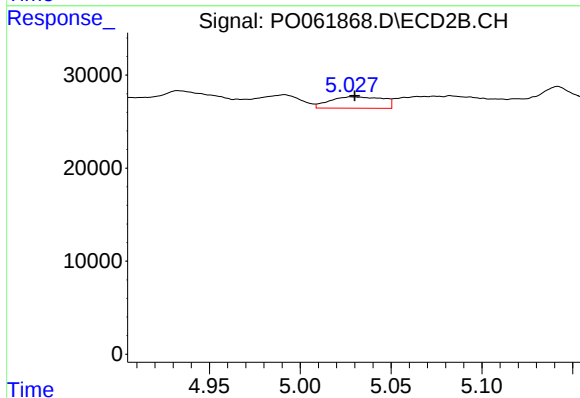
R.T.: 4.832 min
Delta R.T.: 0.012 min
Response: 20372
Conc: 23.51 ng/ml



#7 AR-1016-5

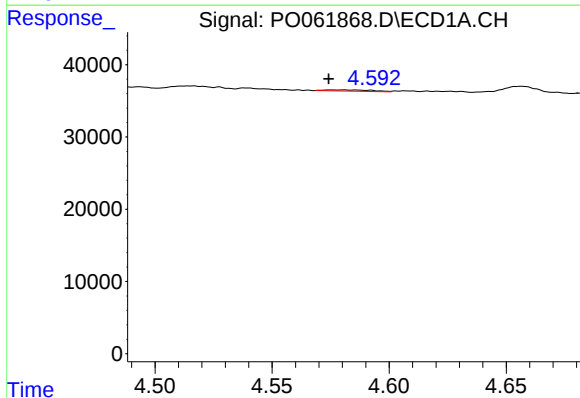
R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 4125
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



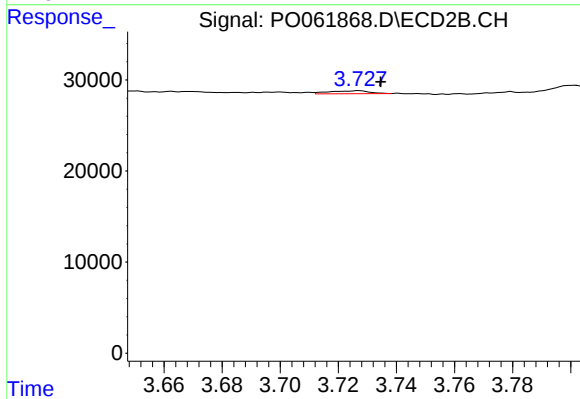
#7 AR-1016-5

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 24965
Conc: 21.87 ng/ml



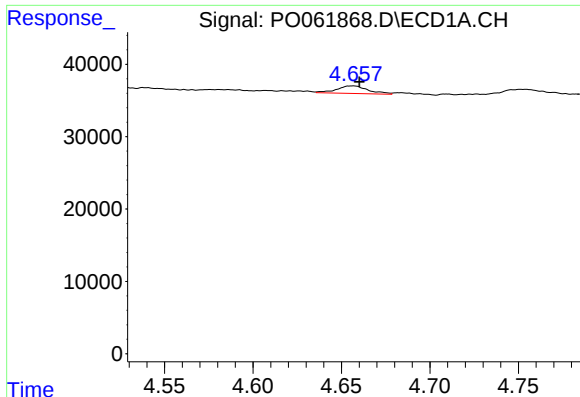
#8 AR-1221-1

R.T.: 4.581 min
Delta R.T.: 0.007 min
Response: 2417
Conc: 5.23 ng/ml



#8 AR-1221-1

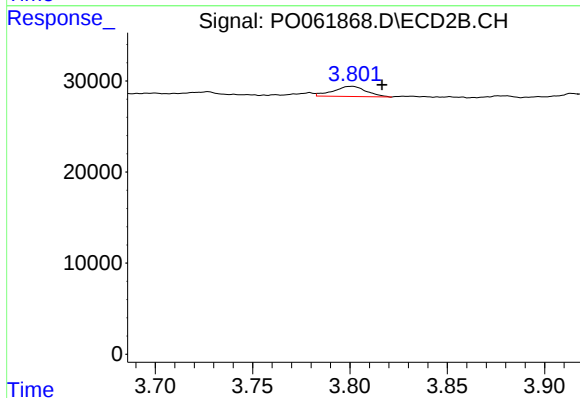
R.T.: 3.727 min
Delta R.T.: -0.007 min
Response: 3155
Conc: 7.97 ng/ml



#9 AR-1221-2

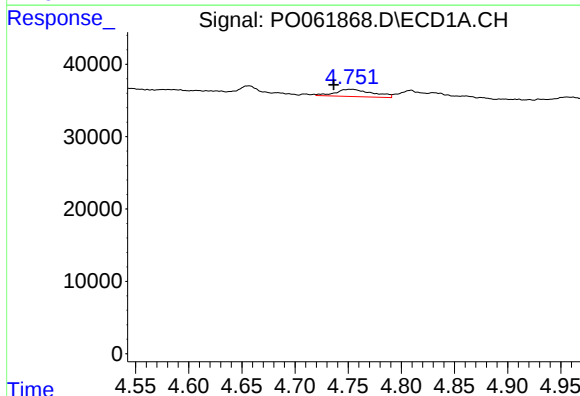
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 12824
Conc: 35.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



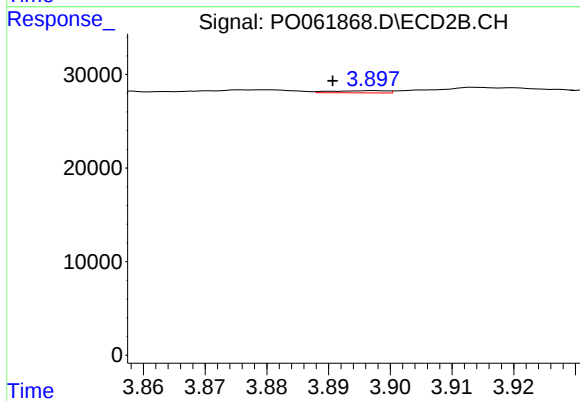
#9 AR-1221-2

R.T.: 3.801 min
Delta R.T.: -0.015 min
Response: 13133
Conc: 42.59 ng/ml



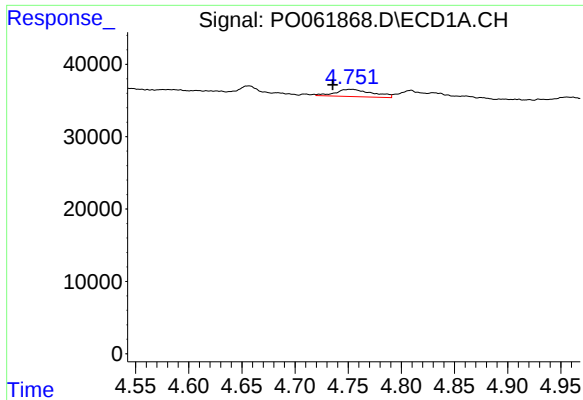
#10 AR-1221-3

R.T.: 4.752 min
Delta R.T.: 0.016 min
Response: 24297
Conc: 21.34 ng/ml



#10 AR-1221-3

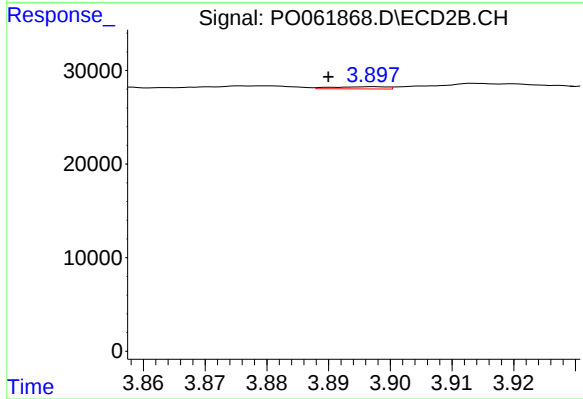
R.T.: 3.897 min
Delta R.T.: 0.007 min
Response: 1444
Conc: 1.58 ng/ml



#11 AR-1232-1

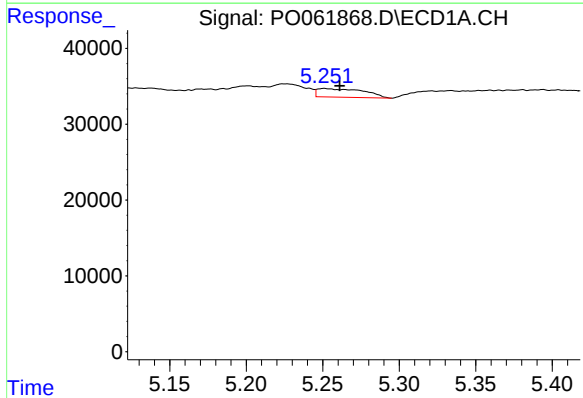
R.T.: 4.752 min
Delta R.T.: 0.017 min
Response: 24297
Conc: 17.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



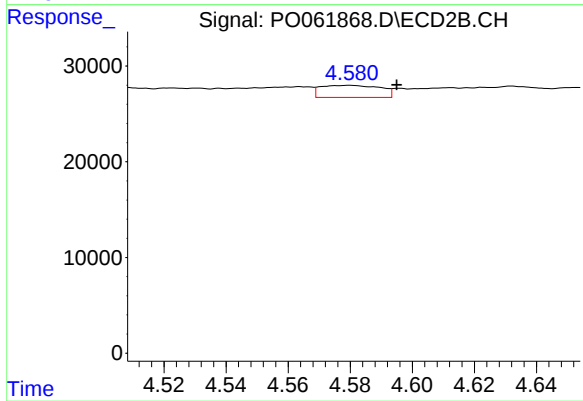
#11 AR-1232-1

R.T.: 3.897 min
Delta R.T.: 0.007 min
Response: 1444
Conc: 1.29 ng/ml



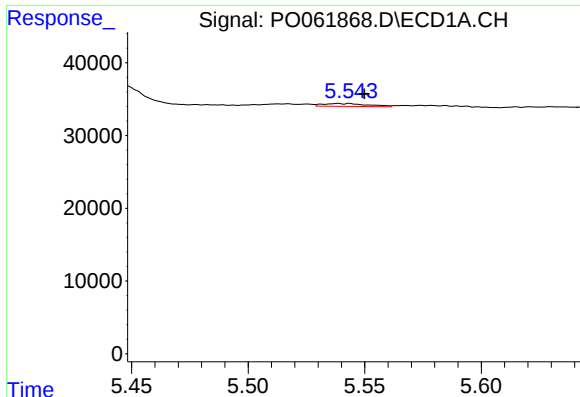
#12 AR-1232-2

R.T.: 5.251 min
Delta R.T.: -0.010 min
Response: 23880
Conc: 30.44 ng/ml



#12 AR-1232-2

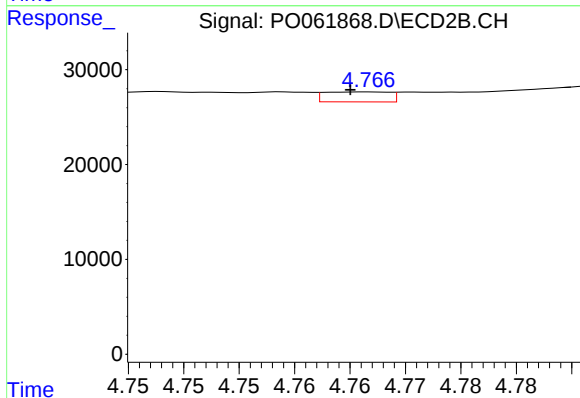
R.T.: 4.580 min
Delta R.T.: -0.015 min
Response: 16822
Conc: 13.78 ng/ml



#13 AR-1232-3

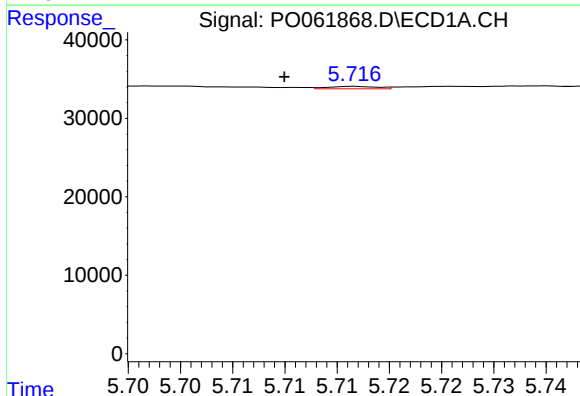
R.T.: 5.543 min
Delta R.T.: -0.006 min
Response: 5127
Conc: 3.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



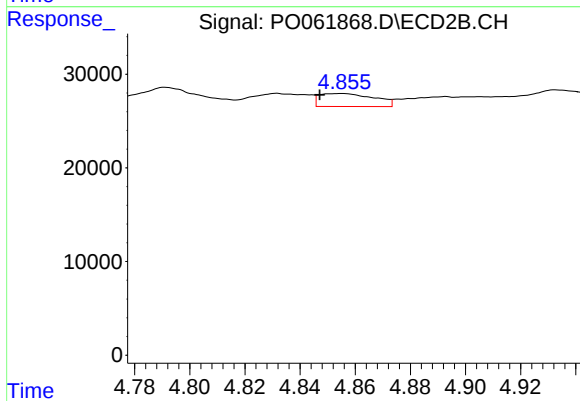
#13 AR-1232-3

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 4311
Conc: 6.53 ng/ml



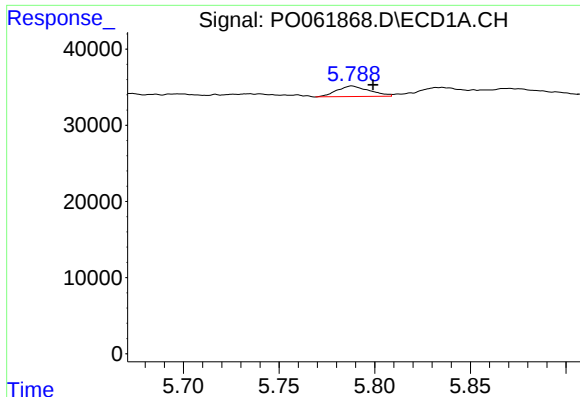
#14 AR-1232-4

R.T.: 5.717 min
Delta R.T.: 0.007 min
Response: 1033
Conc: 1.17 ng/ml



#14 AR-1232-4

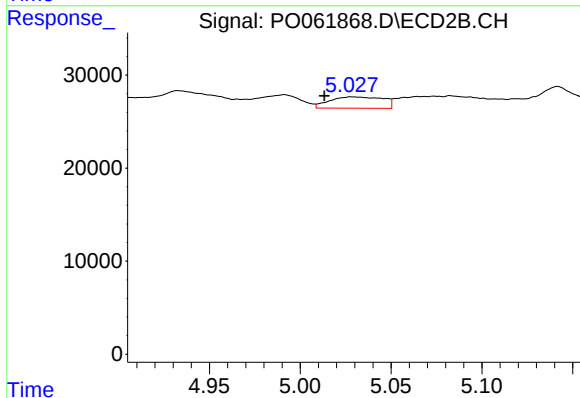
R.T.: 4.855 min
Delta R.T.: 0.008 min
Response: 19178
Conc: 30.42 ng/ml



#15 AR-1232-5

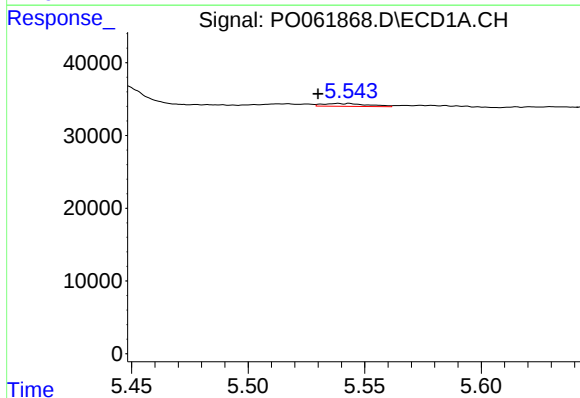
R.T.: 5.788 min
Delta R.T.: -0.011 min
Response: 16453
Conc: 23.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



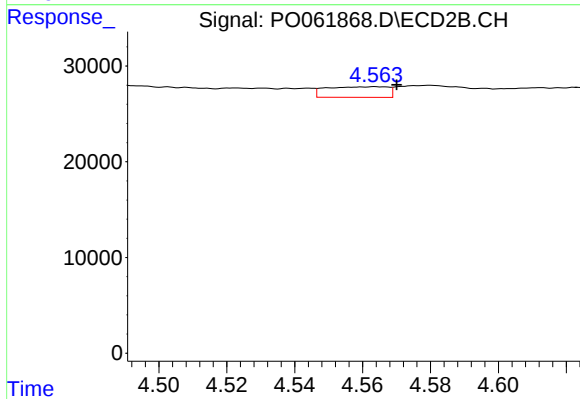
#15 AR-1232-5

R.T.: 5.028 min
Delta R.T.: 0.015 min
Response: 24965
Conc: 36.38 ng/ml



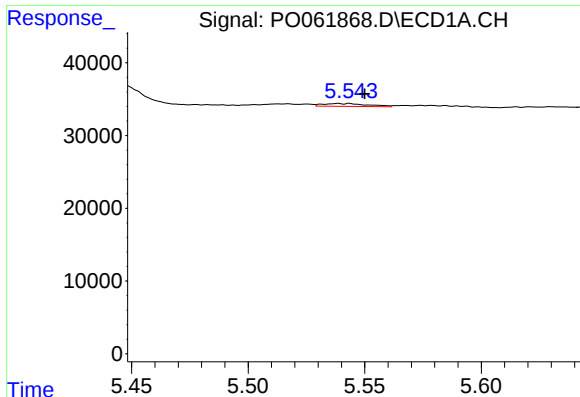
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: 0.013 min
Response: 5127
Conc: 3.61 ng/ml



#16 AR-1242-1

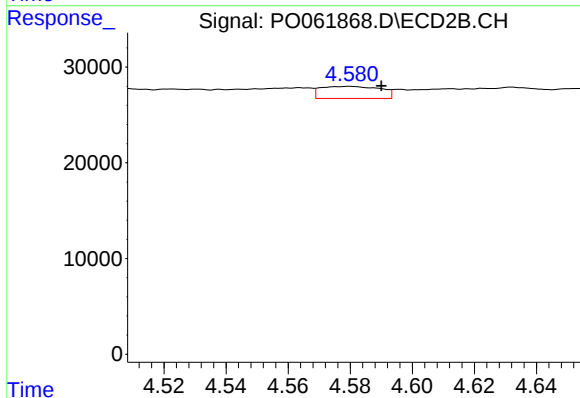
R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 13933
Conc: 13.60 ng/ml



#17 AR-1242-2

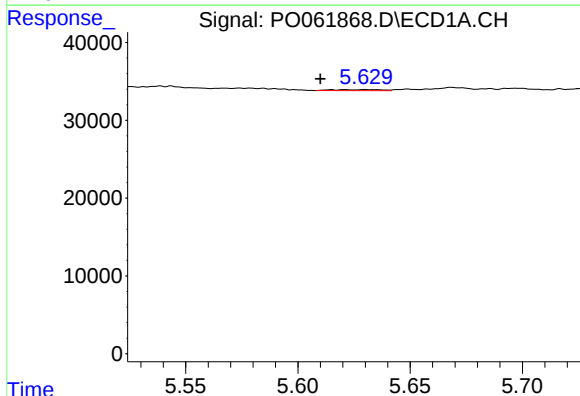
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 5127
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



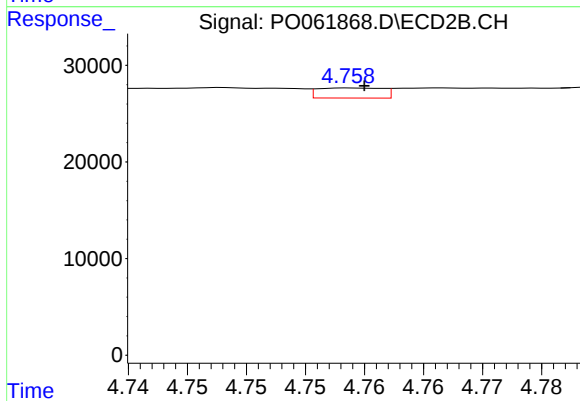
#17 AR-1242-2

R.T.: 4.580 min
Delta R.T.: -0.010 min
Response: 16822
Conc: 11.93 ng/ml



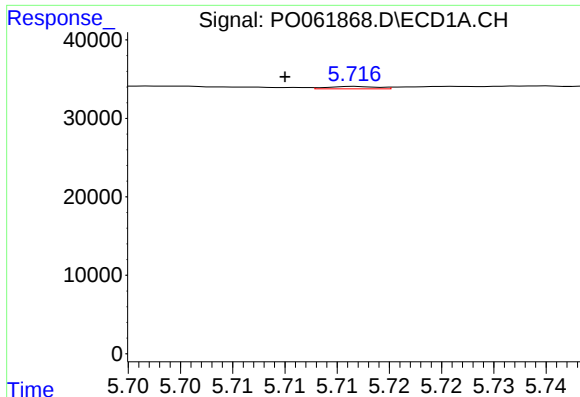
#18 AR-1242-3

R.T.: 5.630 min
Delta R.T.: 0.020 min
Response: 2152
Conc: 1.71 ng/ml



#18 AR-1242-3

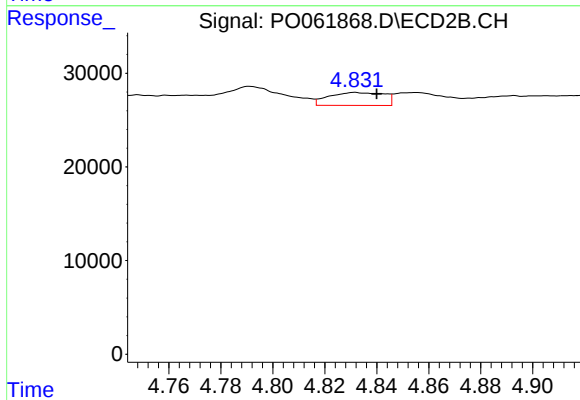
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 4008
Conc: 5.13 ng/ml



#19 AR-1242-4

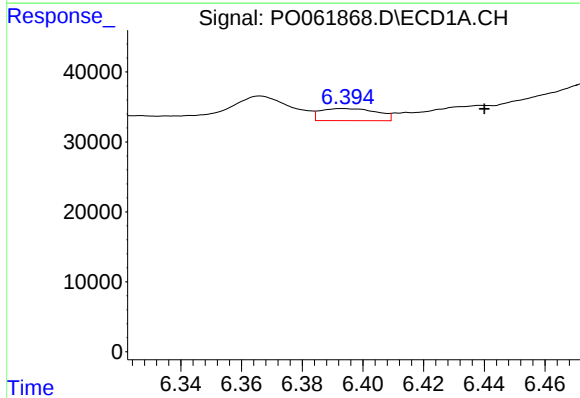
R.T.: 5.717 min
Delta R.T.: 0.007 min
Response: 1033
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



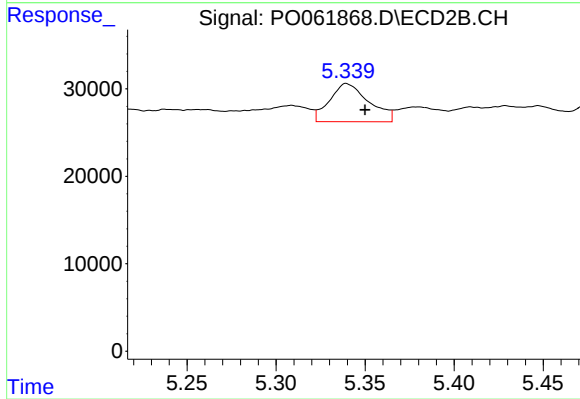
#19 AR-1242-4

R.T.: 4.832 min
Delta R.T.: -0.008 min
Response: 20372
Conc: 24.83 ng/ml



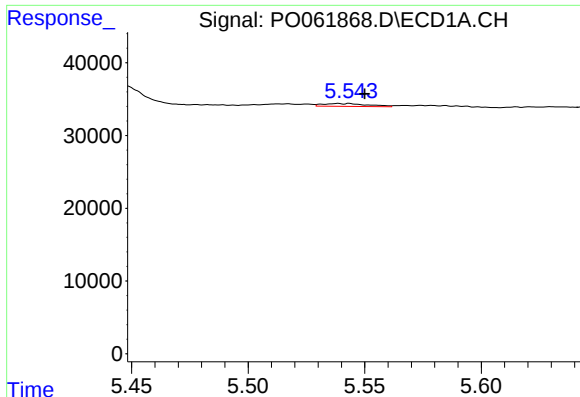
#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: -0.047 min
Response: 22195
Conc: 16.59 ng/ml



#20 AR-1242-5

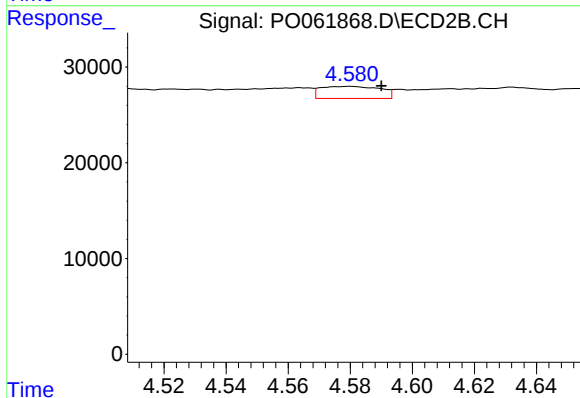
R.T.: 5.339 min
Delta R.T.: -0.011 min
Response: 66843
Conc: 62.40 ng/ml



#21 AR-1248-1

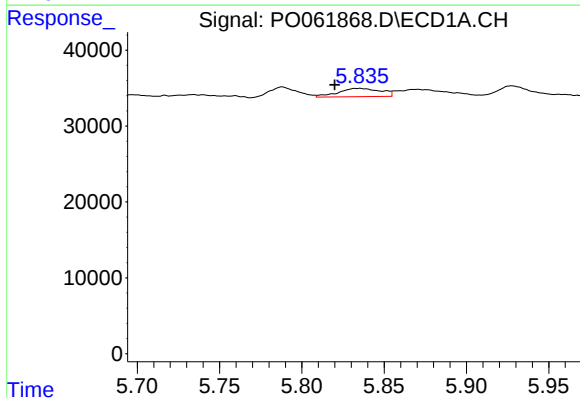
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 5127
Conc: 4.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



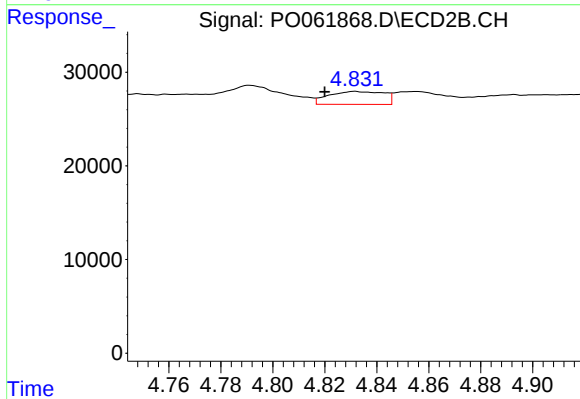
#21 AR-1248-1

R.T.: 4.580 min
Delta R.T.: -0.010 min
Response: 16822
Conc: 18.80 ng/ml



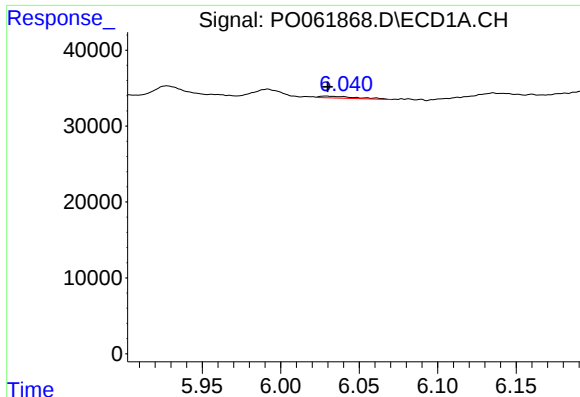
#22 AR-1248-2

R.T.: 5.835 min
Delta R.T.: 0.015 min
Response: 19648
Conc: 11.65 ng/ml



#22 AR-1248-2

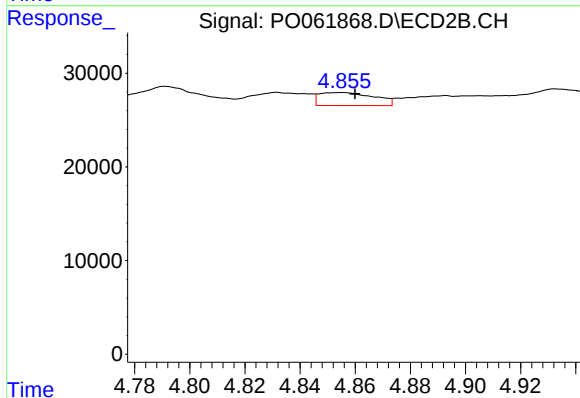
R.T.: 4.832 min
Delta R.T.: 0.012 min
Response: 20372
Conc: 17.29 ng/ml



#23 AR-1248-3

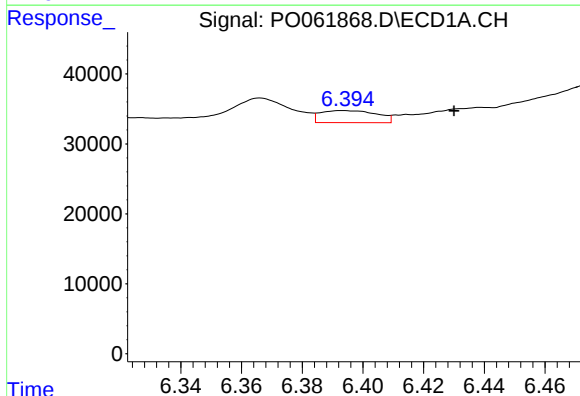
R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 4125
Conc: 2.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



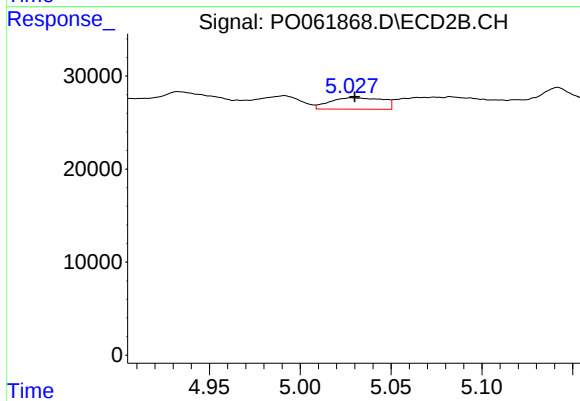
#23 AR-1248-3

R.T.: 4.855 min
Delta R.T.: -0.005 min
Response: 19178
Conc: 15.45 ng/ml



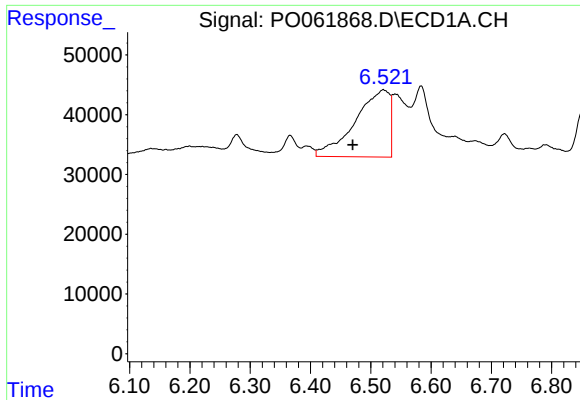
#24 AR-1248-4

R.T.: 6.393 min
Delta R.T.: -0.037 min
Response: 22195
Conc: 9.39 ng/ml



#24 AR-1248-4

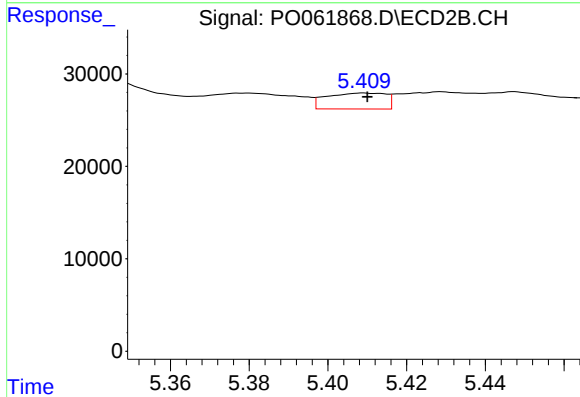
R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 24965
Conc: 16.61 ng/ml



#25 AR-1248-5

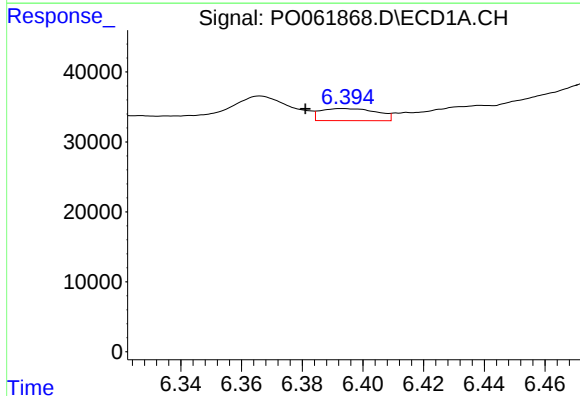
R.T.: 6.521 min
Delta R.T.: 0.051 min
Response: 446628
Conc: 196.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



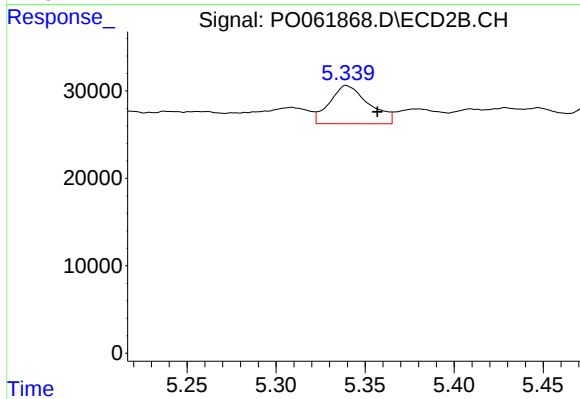
#25 AR-1248-5

R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 18077
Conc: 11.78 ng/ml



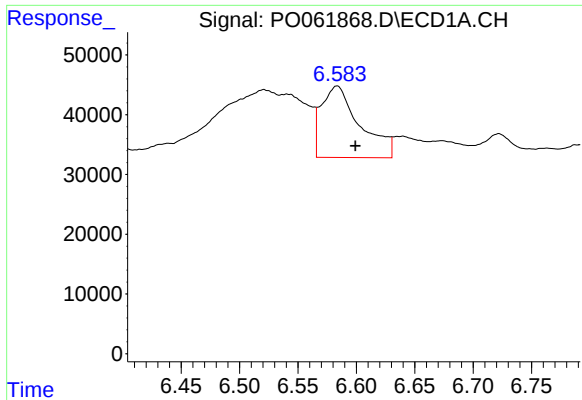
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 22195
Conc: 9.73 ng/ml



#26 AR-1254-1

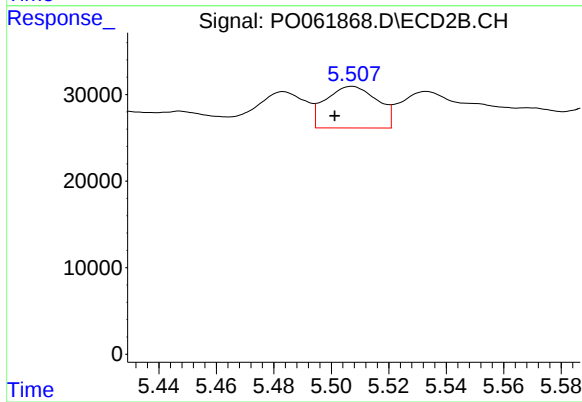
R.T.: 5.339 min
Delta R.T.: -0.018 min
Response: 66843
Conc: 30.48 ng/ml



#27 AR-1254-2

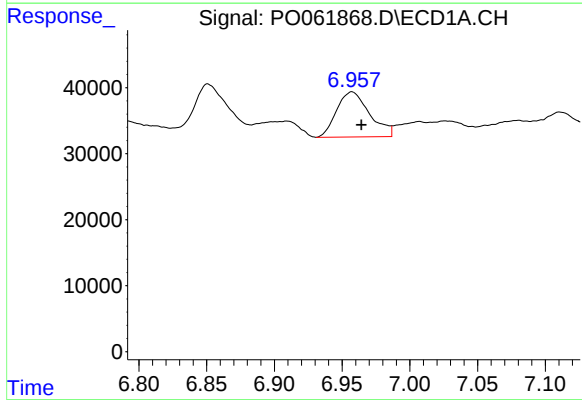
R.T.: 6.583 min
Delta R.T.: -0.016 min
Response: 274161
Conc: 75.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



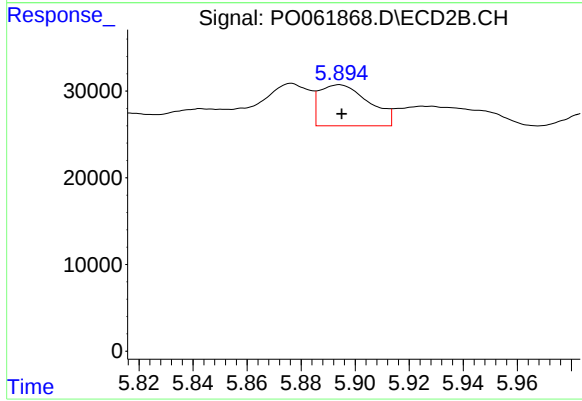
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.006 min
Response: 59847
Conc: 30.53 ng/ml



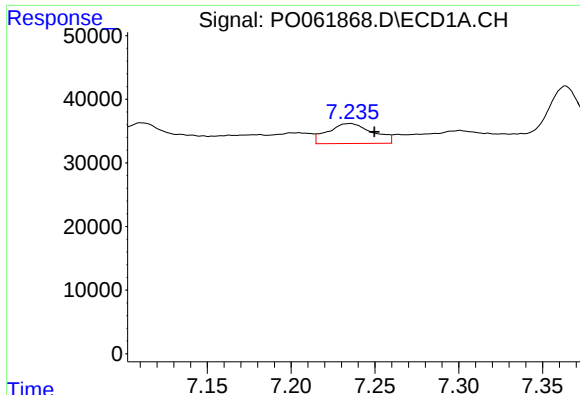
#28 AR-1254-3

R.T.: 6.957 min
Delta R.T.: -0.007 min
Response: 115827
Conc: 29.64 ng/ml



#28 AR-1254-3

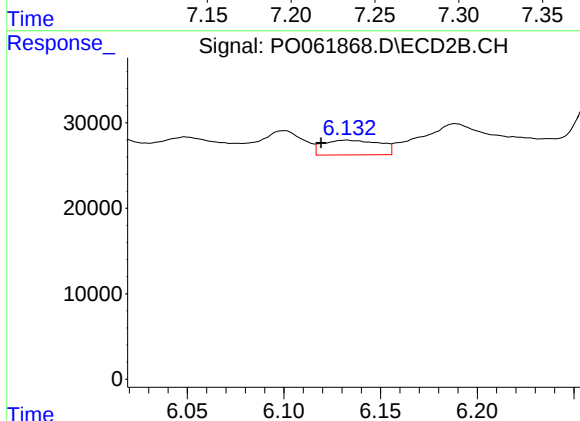
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 60087
Conc: 18.87 ng/ml



#29 AR-1254-4

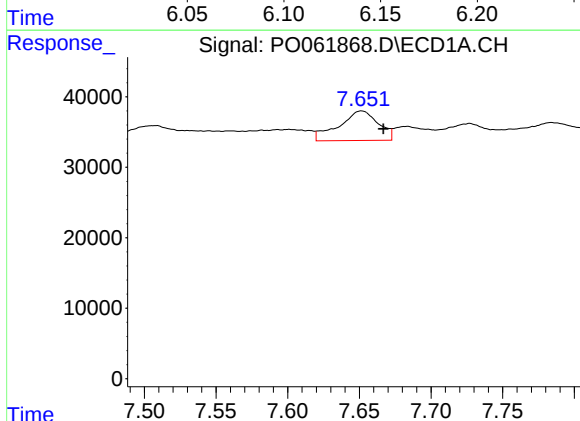
R.T.: 7.235 min
Delta R.T.: -0.015 min
Response: 58667
Conc: 19.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



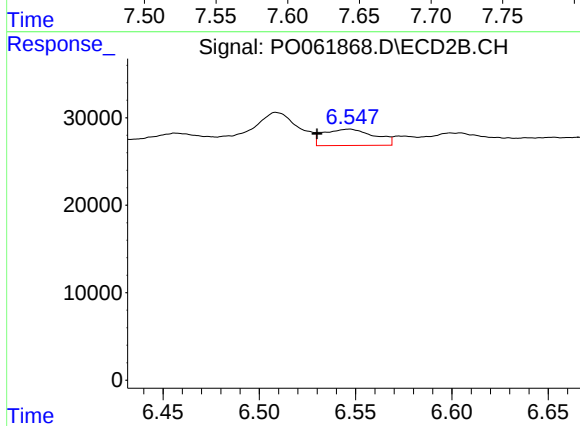
#29 AR-1254-4

R.T.: 6.133 min
Delta R.T.: 0.014 min
Response: 35592
Conc: 17.54 ng/ml



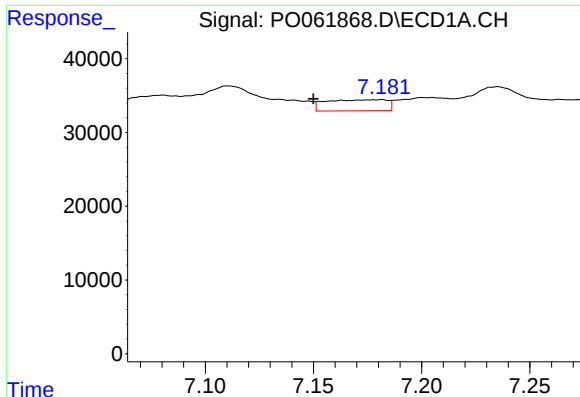
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.015 min
Response: 80453
Conc: 25.62 ng/ml



#30 AR-1254-5

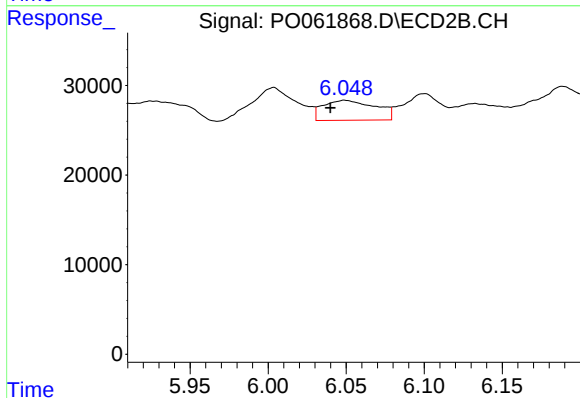
R.T.: 6.547 min
Delta R.T.: 0.017 min
Response: 34125
Conc: 12.06 ng/ml



#31 AR-1260-1

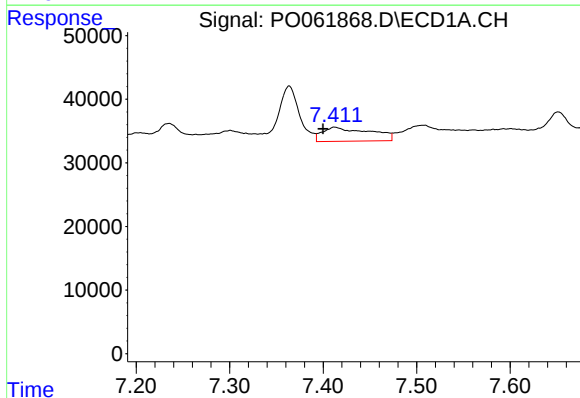
R.T.: 7.181 min
Delta R.T.: 0.031 min
Response: 29675
Conc: 11.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



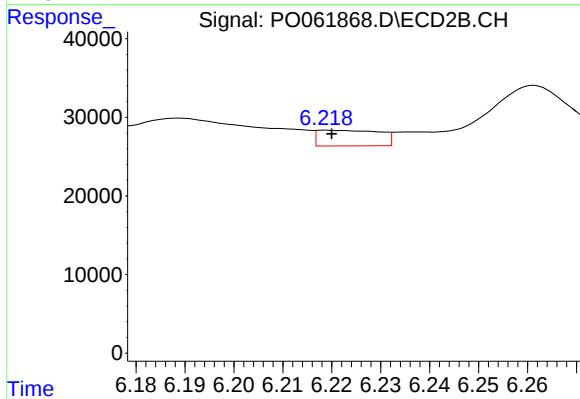
#31 AR-1260-1

R.T.: 6.049 min
Delta R.T.: 0.009 min
Response: 52052
Conc: 25.52 ng/ml



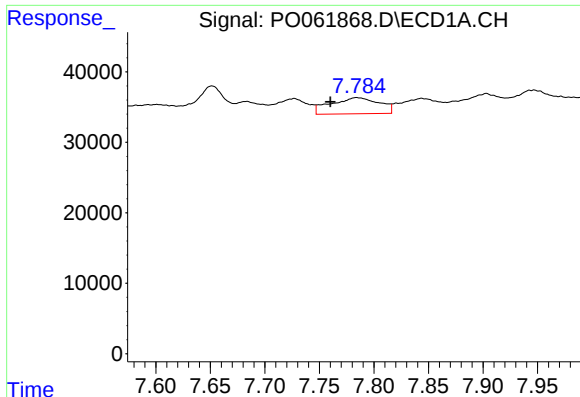
#32 AR-1260-2

R.T.: 7.412 min
Delta R.T.: 0.012 min
Response: 78602
Conc: 24.66 ng/ml



#32 AR-1260-2

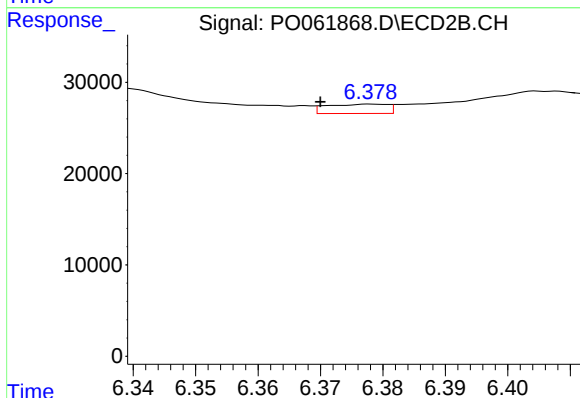
R.T.: 6.219 min
Delta R.T.: -0.001 min
Response: 17598
Conc: 7.33 ng/ml



#33 AR-1260-3

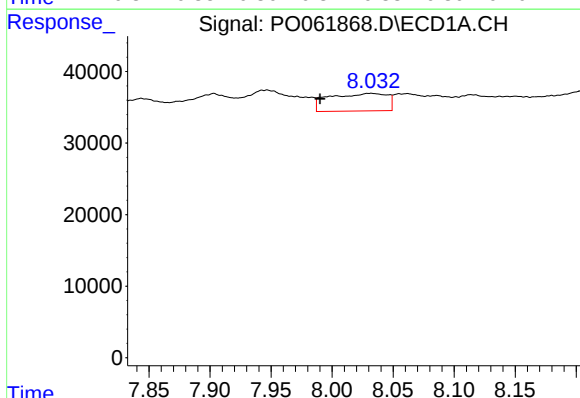
R.T.: 7.784 min
Delta R.T.: 0.024 min
Response: 71112
Conc: 29.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



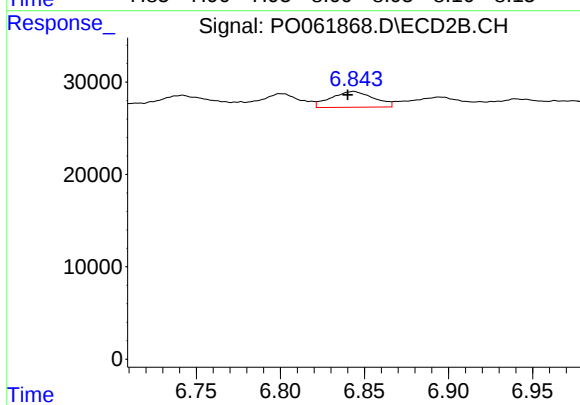
#33 AR-1260-3

R.T.: 6.378 min
Delta R.T.: 0.008 min
Response: 6821
Conc: 3.03 ng/ml



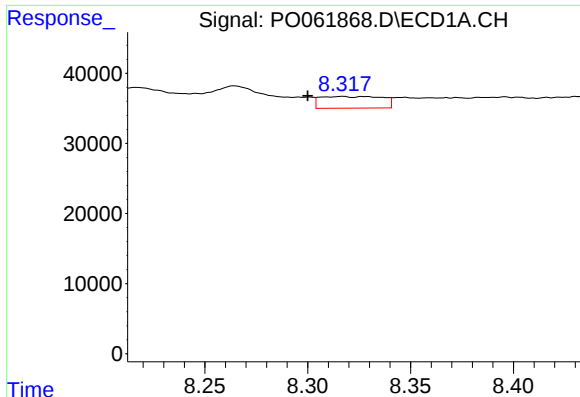
#34 AR-1260-4

R.T.: 8.032 min
Delta R.T.: 0.042 min
Response: 81306
Conc: 30.43 ng/ml



#34 AR-1260-4

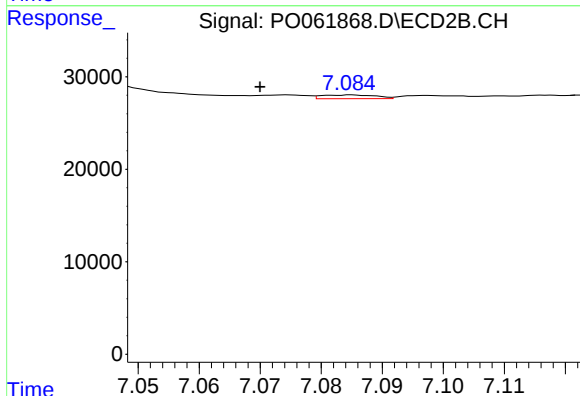
R.T.: 6.844 min
Delta R.T.: 0.004 min
Response: 30300
Conc: 16.41 ng/ml



#35 AR-1260-5

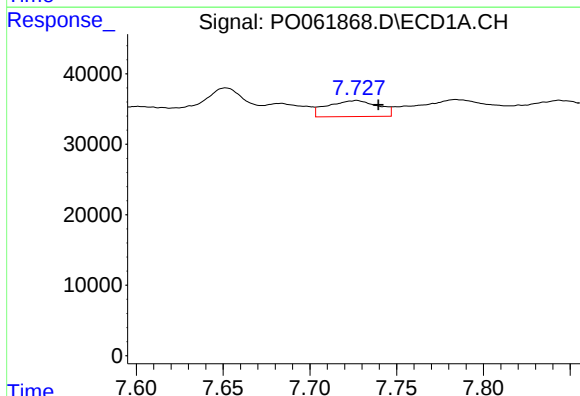
R.T.: 8.317 min
Delta R.T.: 0.017 min
Response: 34897
Conc: 7.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



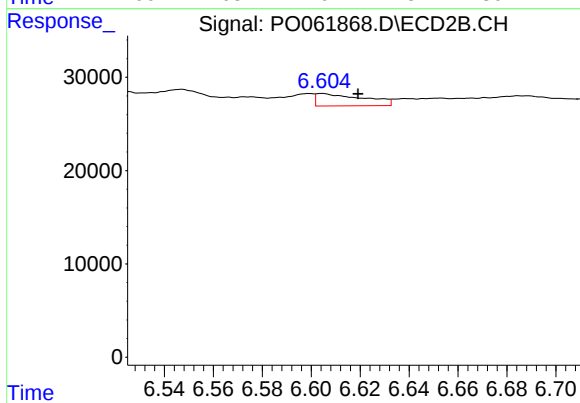
#35 AR-1260-5

R.T.: 7.085 min
Delta R.T.: 0.015 min
Response: 2520
Conc: 0.65 ng/ml



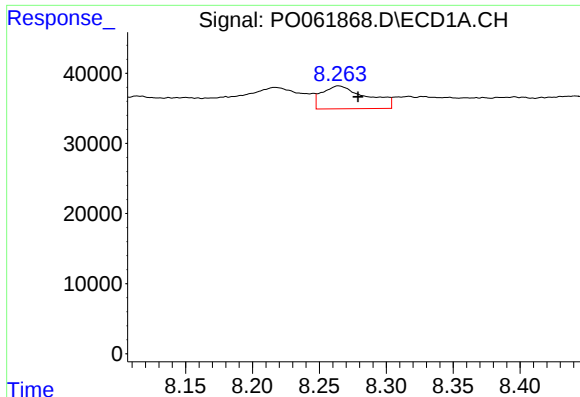
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.013 min
Response: 46065
Conc: 12.02 ng/ml



#36 AR-1262-1

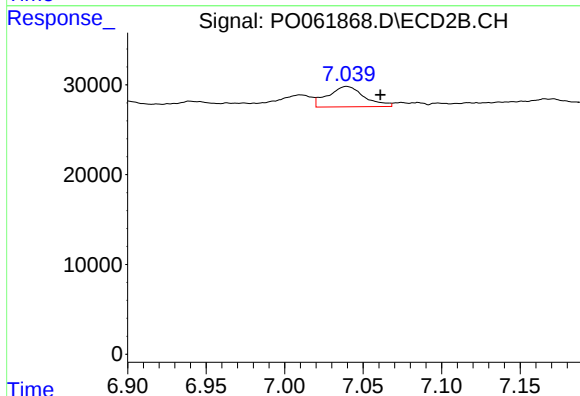
R.T.: 6.605 min
Delta R.T.: -0.015 min
Response: 17888
Conc: 14.65 ng/ml



#37 AR-1262-2

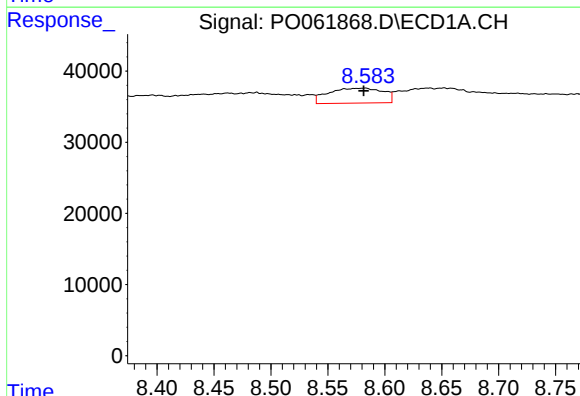
R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 76510
Conc: 12.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



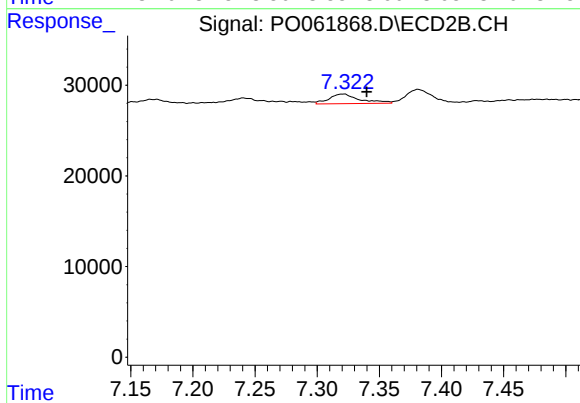
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: -0.021 min
Response: 36376
Conc: 7.91 ng/ml



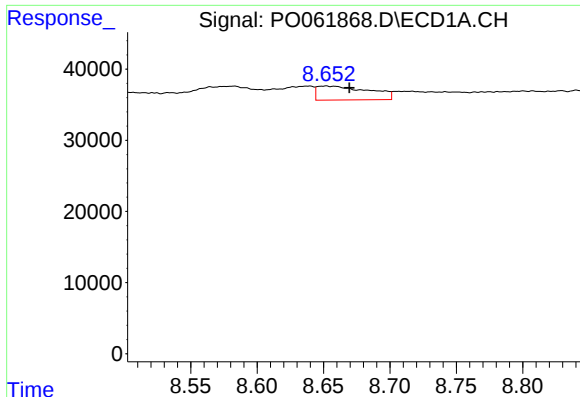
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 69973
Conc: 16.84 ng/ml



#38 AR-1262-3

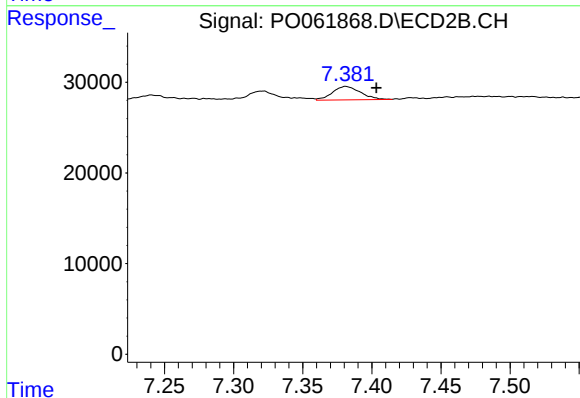
R.T.: 7.322 min
Delta R.T.: -0.018 min
Response: 18019
Conc: 9.57 ng/ml



#39 AR-1262-4

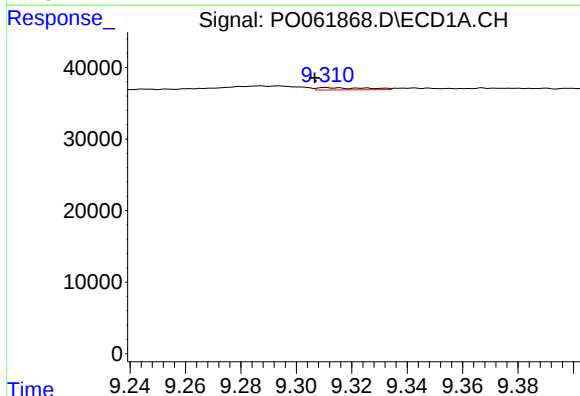
R.T.: 8.652 min
Delta R.T.: -0.018 min
Response: 53397
Conc: 16.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



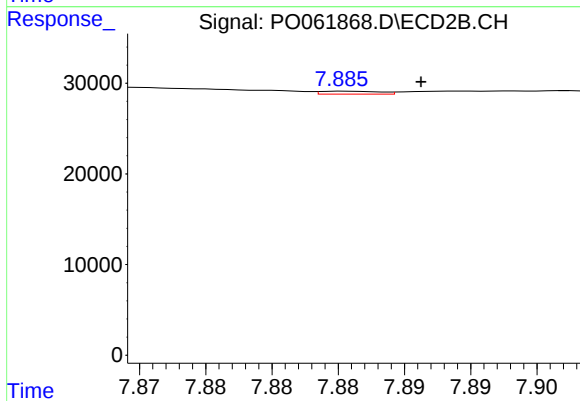
#39 AR-1262-4

R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 20904
Conc: 6.22 ng/ml



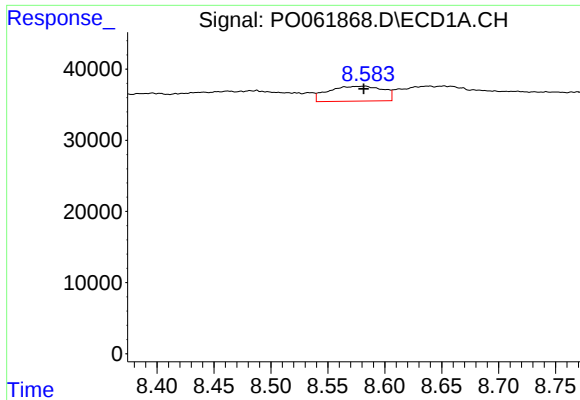
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.004 min
Response: 3921
Conc: 1.93 ng/ml



#40 AR-1262-5

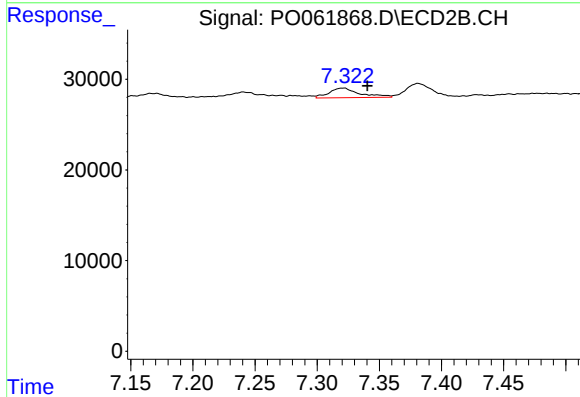
R.T.: 7.886 min
Delta R.T.: -0.006 min
Response: 994
Conc: 0.66 ng/ml



#41 AR-1268-1

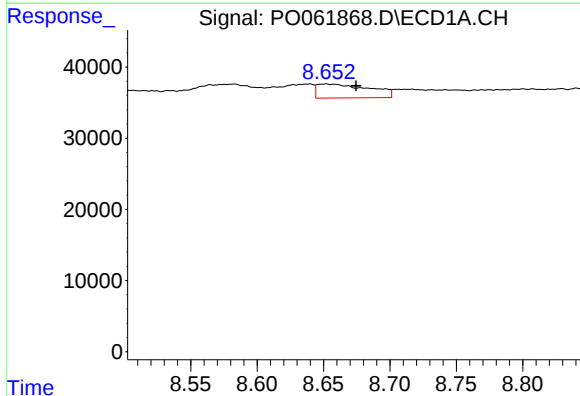
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 69973
Conc: 10.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



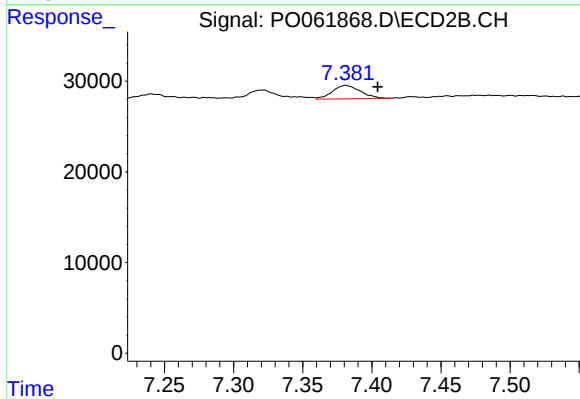
#41 AR-1268-1

R.T.: 7.322 min
Delta R.T.: -0.018 min
Response: 18019
Conc: 3.73 ng/ml



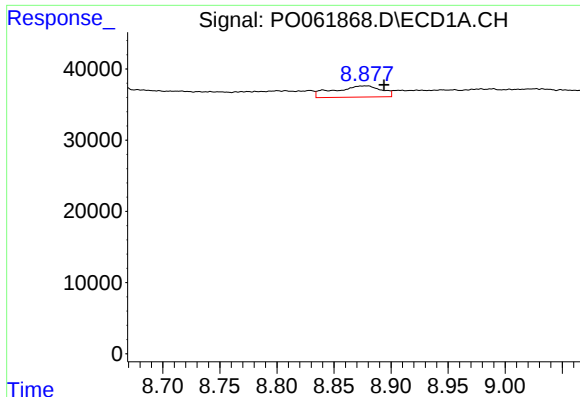
#42 AR-1268-2

R.T.: 8.652 min
Delta R.T.: -0.023 min
Response: 53397
Conc: 8.62 ng/ml



#42 AR-1268-2

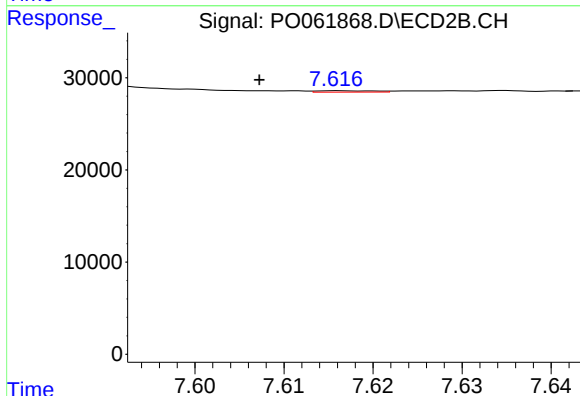
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 20904
Conc: 4.85 ng/ml



#43 AR-1268-3

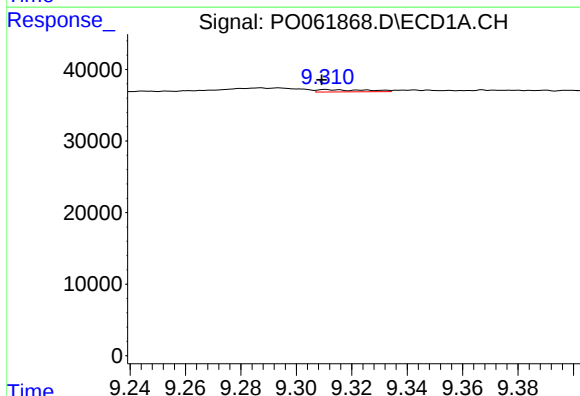
R.T.: 8.878 min
Delta R.T.: -0.016 min
Response: 45319
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



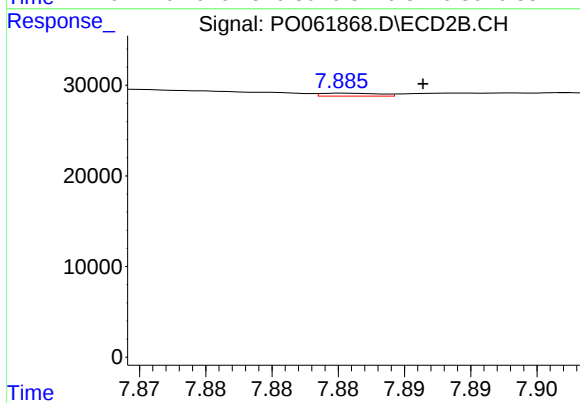
#43 AR-1268-3

R.T.: 7.616 min
Delta R.T.: 0.009 min
Response: 681
Conc: 0.19 ng/ml



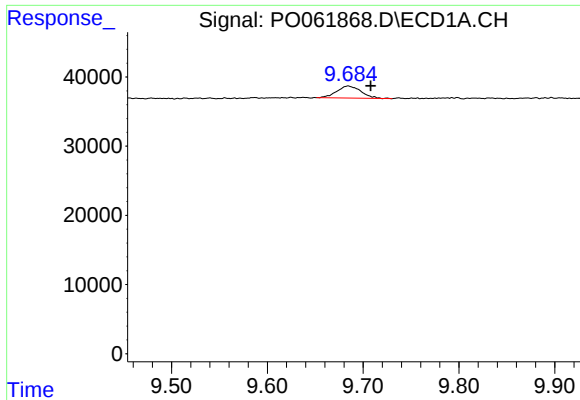
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.001 min
Response: 3921
Conc: 1.79 ng/ml



#44 AR-1268-4

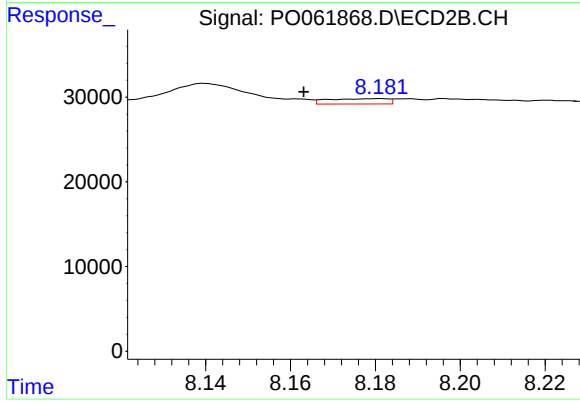
R.T.: 7.886 min
Delta R.T.: -0.006 min
Response: 994
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 9.684 min
Delta R.T.: -0.024 min
Response: 30642
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.181 min
Delta R.T.: 0.018 min
Response: 6245
Conc: 0.62 ng/ml