

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
 Data File : P0059674.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Aug 2019 19:28
 Operator : SM/AJ
 Sample : K4450-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WC-L1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:19:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.132	3.500	1040245	966109	29.711	26.840
2)	SA Decachlor...	9.610	8.365	1316589	1036018	24.748	25.694
Target Compounds							
3)	L1 AR-1016-1	5.308	0.000	3428	0	2.137	N.D. #
4)	L1 AR-1016-2	5.308	0.000	3428	0	1.433	N.D. #
5)	L1 AR-1016-3	5.394	0.000	6469	0	4.343	N.D. #
6)	L1 AR-1016-4	5.465	0.000	588	0	0.486	N.D. #
7)	L1 AR-1016-5	5.752	0.000	7069	0	5.505	N.D. #
8)	L2 AR-1221-1	4.375	0.000	375	0	0.886	N.D. #
9)	L2 AR-1221-2	4.433	3.792	15258	17339	46.979	56.920
10)	L2 AR-1221-3	4.517	3.906	2679	5538	2.547	5.660 #
11)	L3 AR-1232-1	4.517	3.906	2679	5538	2.149	4.857 #
12)	L3 AR-1232-2	5.016	0.000	2934	0	4.154	N.D. #
13)	L3 AR-1232-3	5.308	0.000	3428	0	2.238	N.D. #
14)	L3 AR-1232-4	5.481	0.000	766	0	0.980	N.D. #
15)	L3 AR-1232-5	5.566	0.000	1140	0	1.897	N.D. #
16)	L4 AR-1242-1	5.308	0.000	3428	0	2.700	N.D. #
17)	L4 AR-1242-2	5.308	0.000	3428	0	1.847	N.D. #
18)	L4 AR-1242-3	5.394	0.000	6469	0	5.534	N.D. #
19)	L4 AR-1242-4	5.481	0.000	766	0	0.791	N.D. #
20)	L4 AR-1242-5	6.195	5.334	4070	7059	3.239	6.311 #
21)	L5 AR-1248-1	5.308	0.000	3428	0	3.419	N.D. #
22)	L5 AR-1248-2	5.549	0.000	3868	0	2.666	N.D. #
23)	L5 AR-1248-3	5.752	0.000	7069	0	4.253	N.D. #
24)	L5 AR-1248-4	6.152	0.000	5004	0	2.448	N.D. #
25)	L5 AR-1248-5	6.195	5.334	4070	7059	2.052	4.932 #
26)	L6 AR-1254-1	6.128	5.334	7280	7059	3.489	2.976
27)	L6 AR-1254-2	6.339	5.478	14807	4263	4.438	2.032 #
28)	L6 AR-1254-3	6.705	5.875	9923	12837	2.796	3.818 #
29)	L6 AR-1254-4	6.989	6.104	8050	5817	2.733	2.821
30)	L6 AR-1254-5	7.401	6.508	27894	20271	9.020	6.529 #
31)	L7 AR-1260-1	6.861	6.004	10654	8552	3.952	3.753
32)	L7 AR-1260-2	7.118	6.187	22921	12103	6.177	4.131 #
33)	L7 AR-1260-3	7.469	6.336	21401	8516	6.532	3.215 #
34)	L7 AR-1260-4	7.698	6.797	58019	10960	18.891	4.844 #
35)	L7 AR-1260-5	8.007	7.043	294261	30036	41.557	5.458 #
36)	L8 AR-1262-1	7.469	6.542	21401	9243	4.410	2.480 #
37)	L8 AR-1262-2	8.027	7.043	29140	30036	3.777	5.109 #
38)	L8 AR-1262-3	8.308	7.315	63635	24707	12.472	9.723
39)	L8 AR-1262-4	8.384	7.405	29334	2366	7.610	0.535 #
40)	L8 AR-1262-5	8.967	7.874	101701	5429	39.626	3.007 #
41)	L9 AR-1268-1	8.308	7.315	63635	24707	6.762	3.470 #

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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

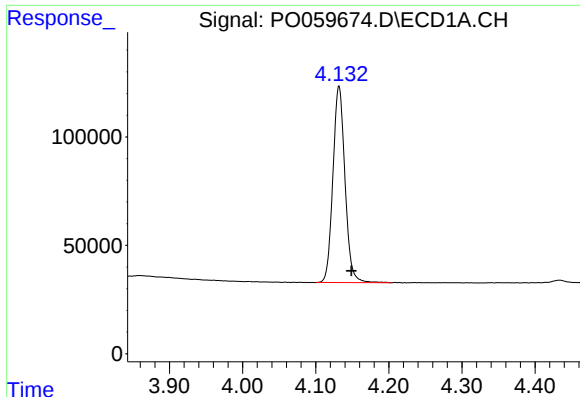
Instrument :
 ECD_O
 ClientSampleId :
 WC-L1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.384	7.405	29334	2366	3.721	0.367 #
43) L9	AR-1268-3	8.598	7.577	27598	8216	3.915	1.502 #
44) L9	AR-1268-4	8.967	7.874	101701	5429	36.583	2.660 #
45) L9	AR-1268-5	9.370	8.140	8947	12685	0.485	0.873 #

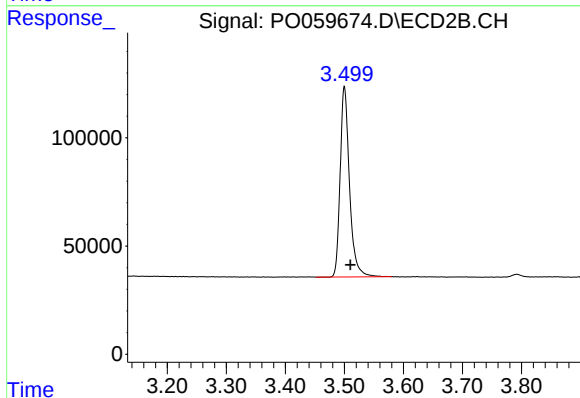
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

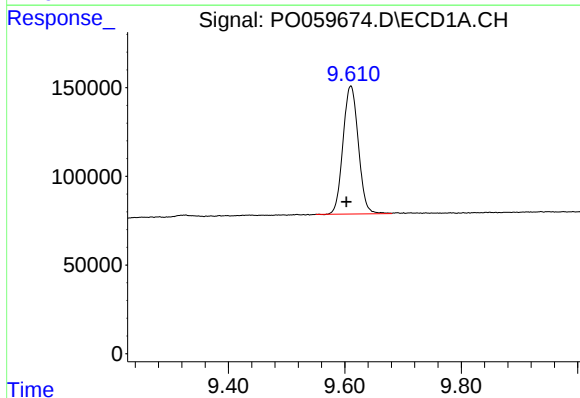
R.T.: 4.132 min
Delta R.T.: -0.017 min
Response: 1040245
Conc: 29.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



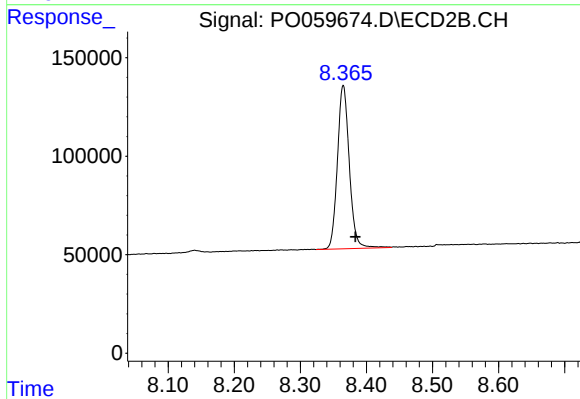
#1 Tetrachloro-m-xylene

R.T.: 3.500 min
Delta R.T.: -0.010 min
Response: 966109
Conc: 26.84 ng/ml



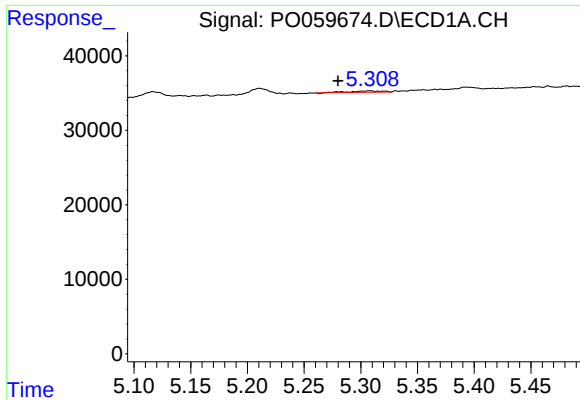
#2 Decachlorobiphenyl

R.T.: 9.610 min
Delta R.T.: 0.007 min
Response: 1316589
Conc: 24.75 ng/ml



#2 Decachlorobiphenyl

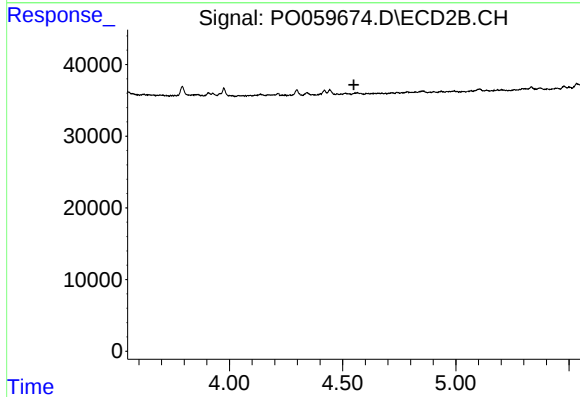
R.T.: 8.365 min
Delta R.T.: -0.018 min
Response: 1036018
Conc: 25.69 ng/ml



#3 AR-1016-1

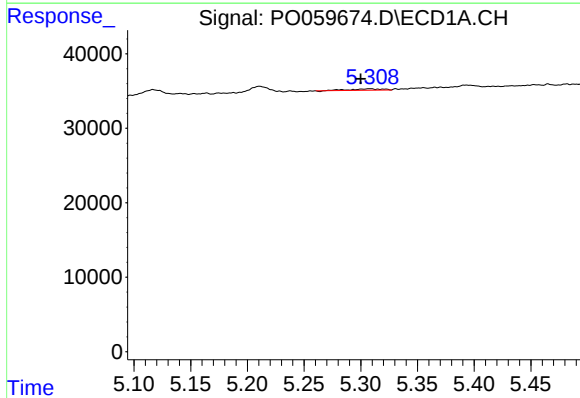
R.T.: 5.308 min
Delta R.T.: 0.028 min
Response: 3428
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



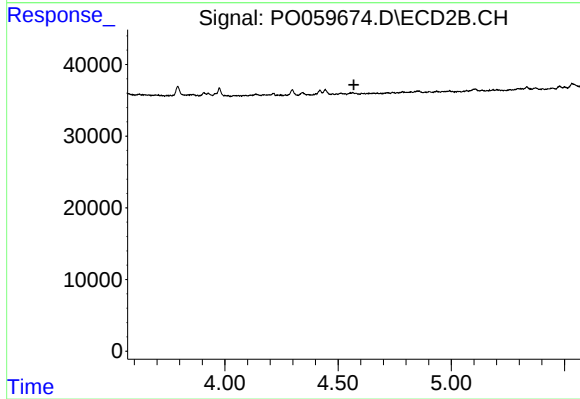
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



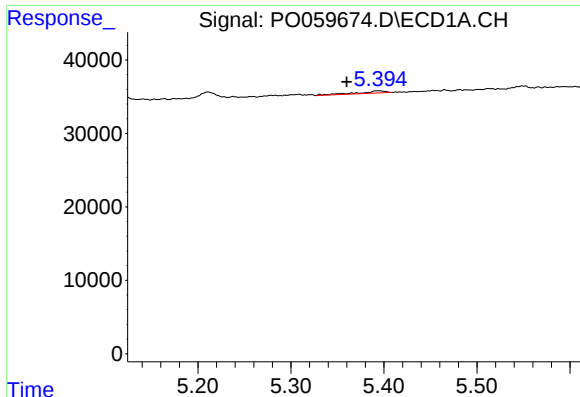
#4 AR-1016-2

R.T.: 5.308 min
Delta R.T.: 0.008 min
Response: 3428
Conc: 1.43 ng/ml



#4 AR-1016-2

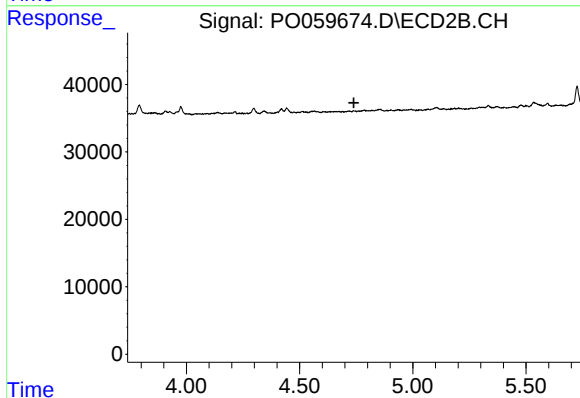
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

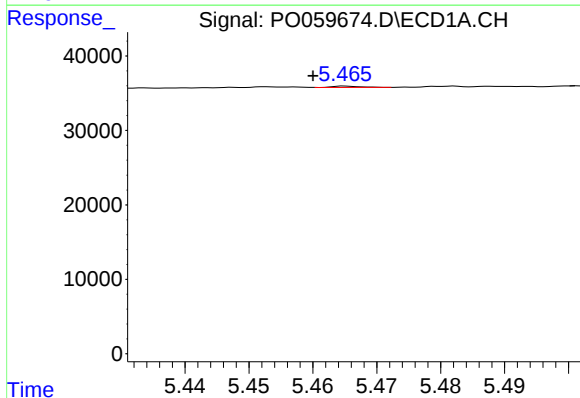
R.T.: 5.394 min
Delta R.T.: 0.034 min
Response: 6469
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



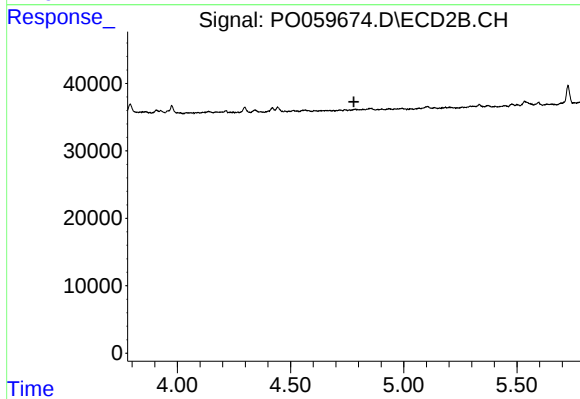
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



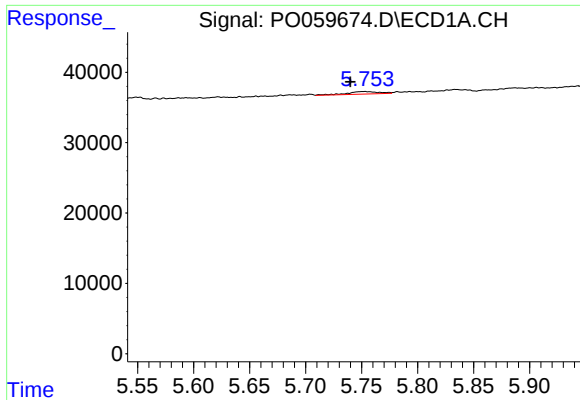
#6 AR-1016-4

R.T.: 5.465 min
Delta R.T.: 0.005 min
Response: 588
Conc: 0.49 ng/ml



#6 AR-1016-4

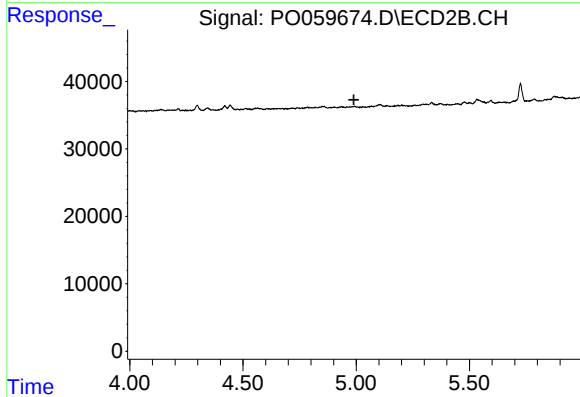
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

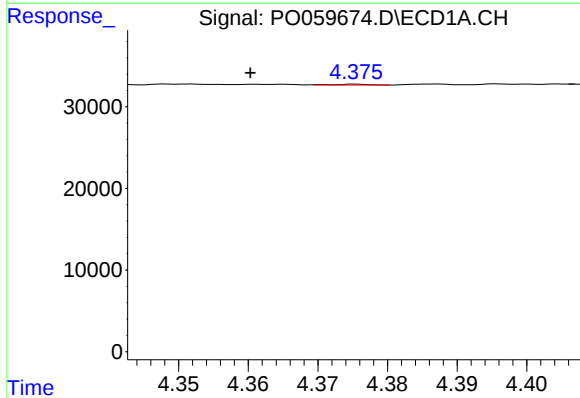
R.T.: 5.752 min
Delta R.T.: 0.012 min
Response: 7069
Conc: 5.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



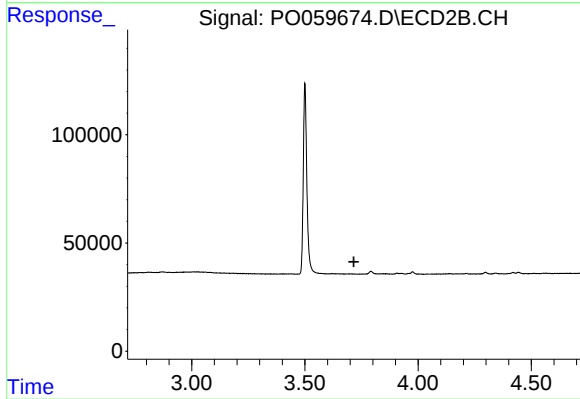
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



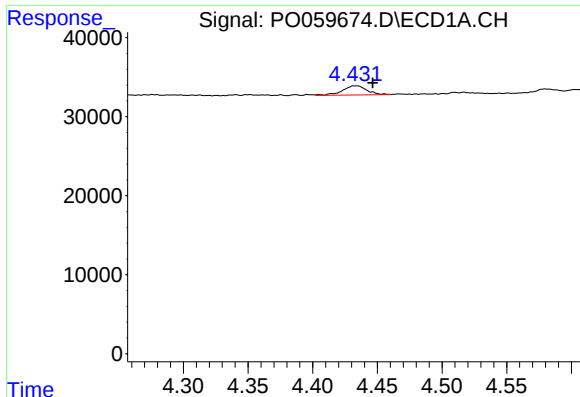
#8 AR-1221-1

R.T.: 4.375 min
Delta R.T.: 0.015 min
Response: 375
Conc: 0.89 ng/ml



#8 AR-1221-1

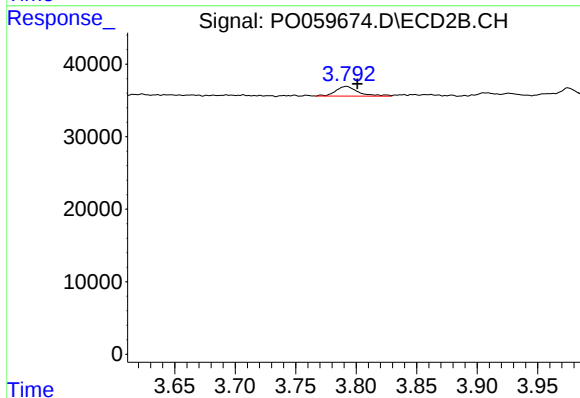
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

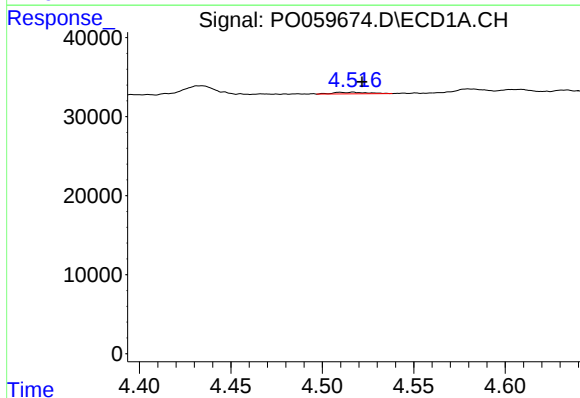
R.T.: 4.433 min
Delta R.T.: -0.013 min
Response: 15258
Conc: 46.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



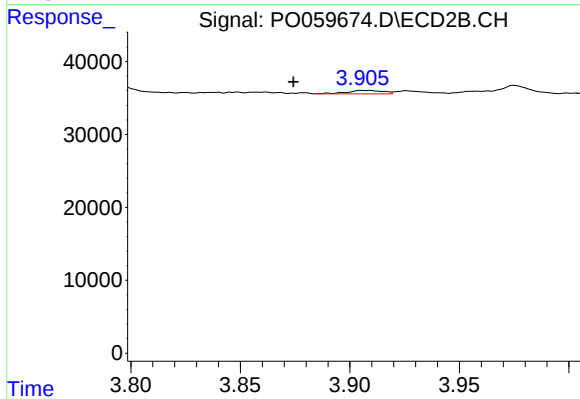
#9 AR-1221-2

R.T.: 3.792 min
Delta R.T.: -0.009 min
Response: 17339
Conc: 56.92 ng/ml



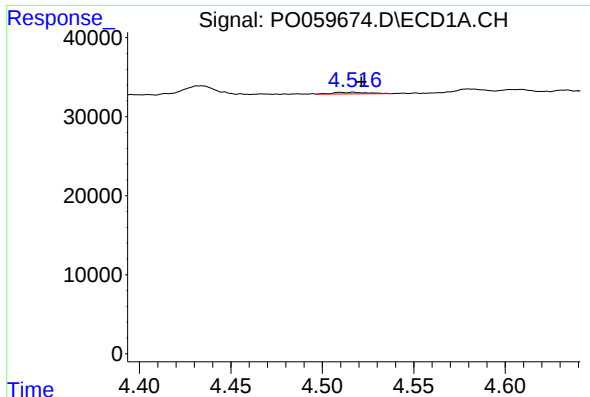
#10 AR-1221-3

R.T.: 4.517 min
Delta R.T.: -0.005 min
Response: 2679
Conc: 2.55 ng/ml



#10 AR-1221-3

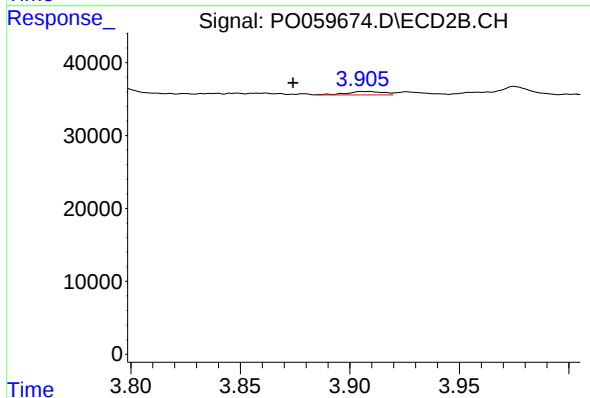
R.T.: 3.906 min
Delta R.T.: 0.032 min
Response: 5538
Conc: 5.66 ng/ml



#11 AR-1232-1

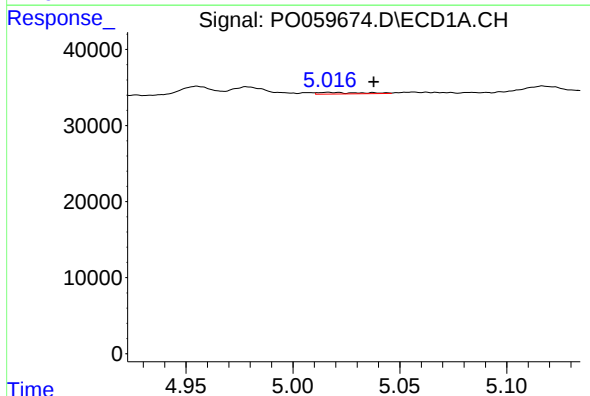
R.T.: 4.517 min
Delta R.T.: -0.005 min
Response: 2679
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



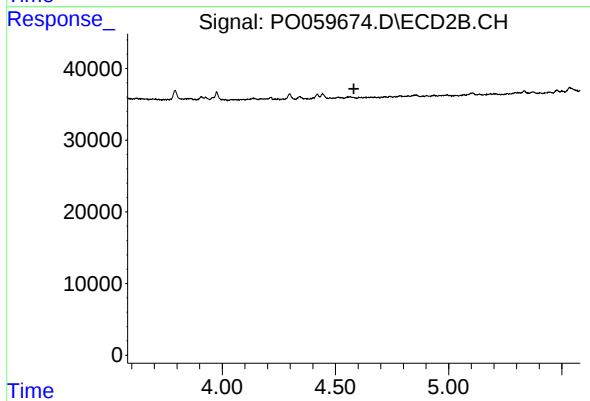
#11 AR-1232-1

R.T.: 3.906 min
Delta R.T.: 0.032 min
Response: 5538
Conc: 4.86 ng/ml



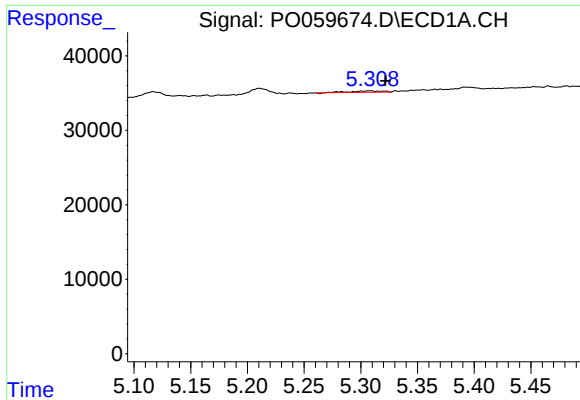
#12 AR-1232-2

R.T.: 5.016 min
Delta R.T.: -0.022 min
Response: 2934
Conc: 4.15 ng/ml



#12 AR-1232-2

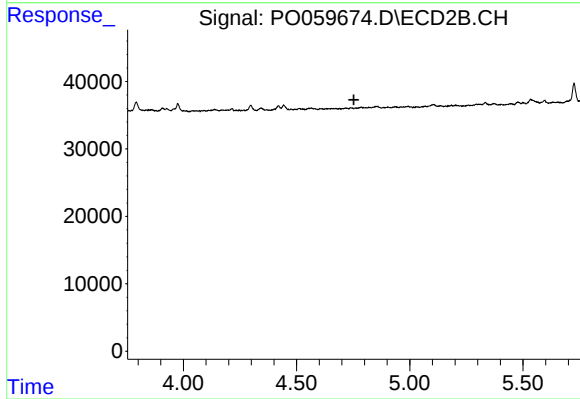
R.T.: 0.000 min
Exp R.T.: 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

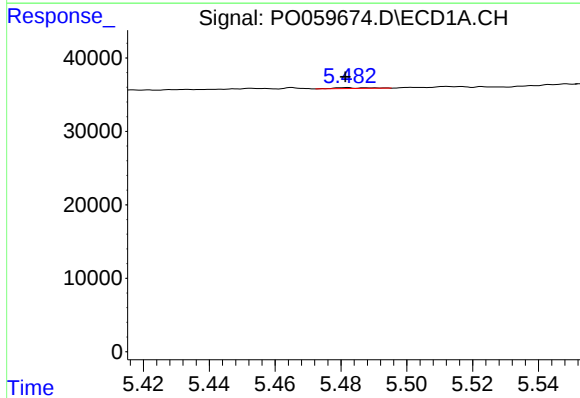
R.T.: 5.308 min
Delta R.T.: -0.013 min
Response: 3428
Conc: 2.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



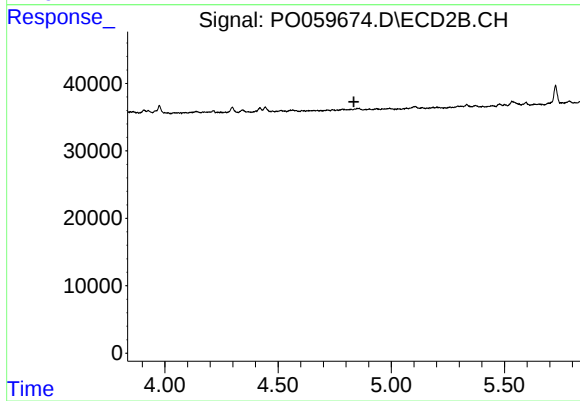
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



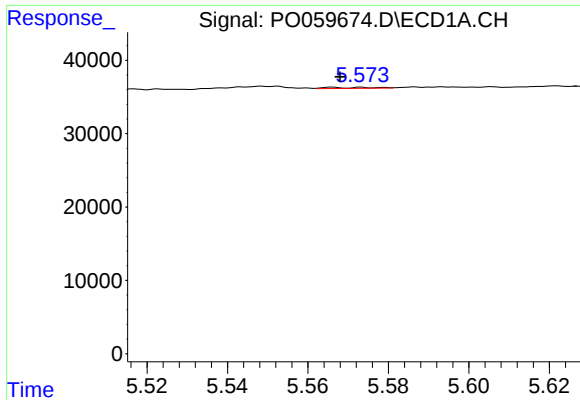
#14 AR-1232-4

R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 766
Conc: 0.98 ng/ml



#14 AR-1232-4

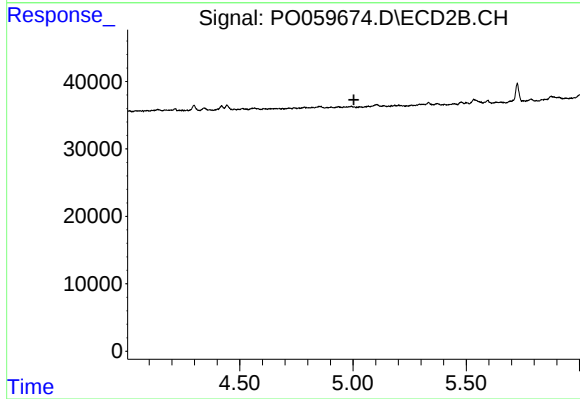
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

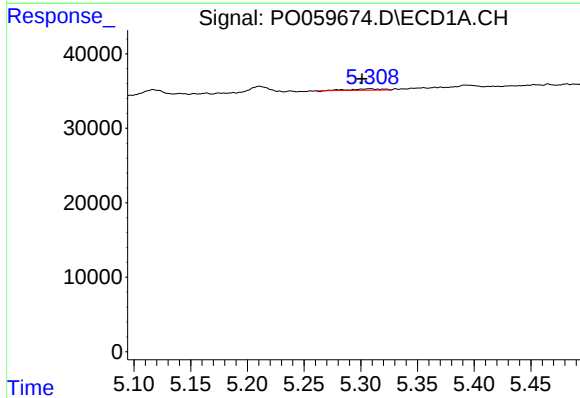
R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 1140
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



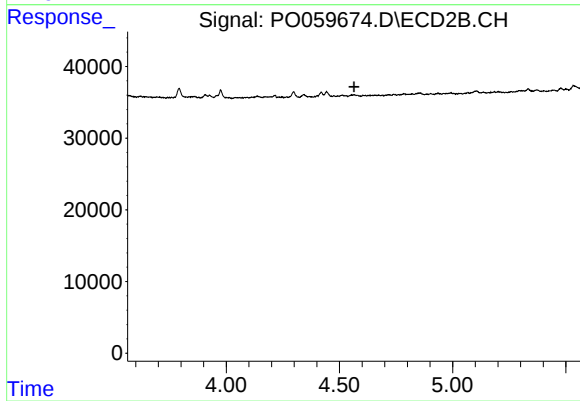
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



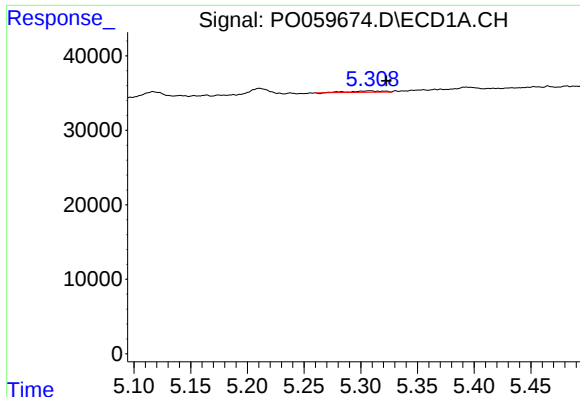
#16 AR-1242-1

R.T.: 5.308 min
Delta R.T.: 0.007 min
Response: 3428
Conc: 2.70 ng/ml



#16 AR-1242-1

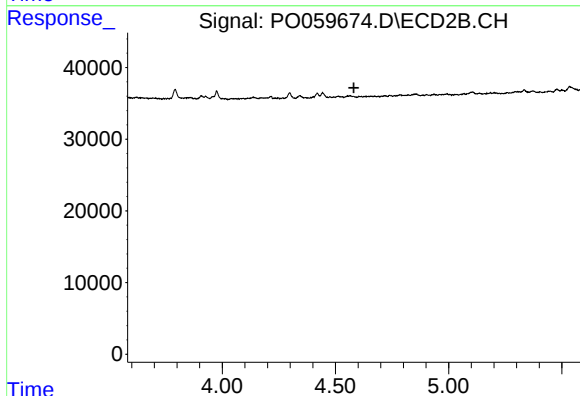
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

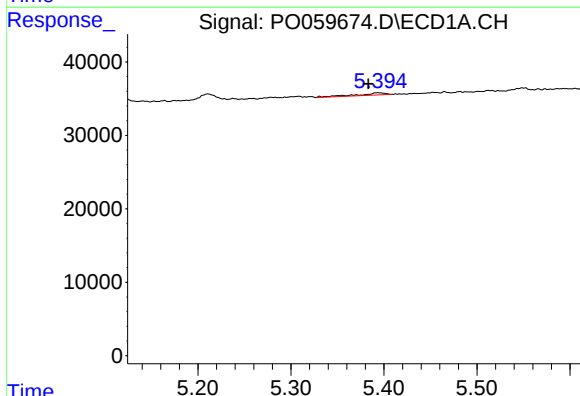
R.T.: 5.308 min
Delta R.T.: -0.014 min
Response: 3428
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



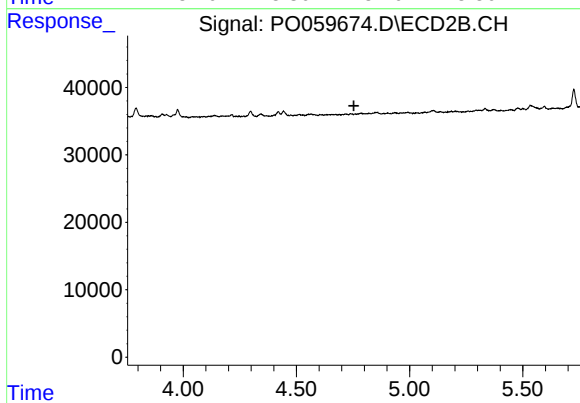
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



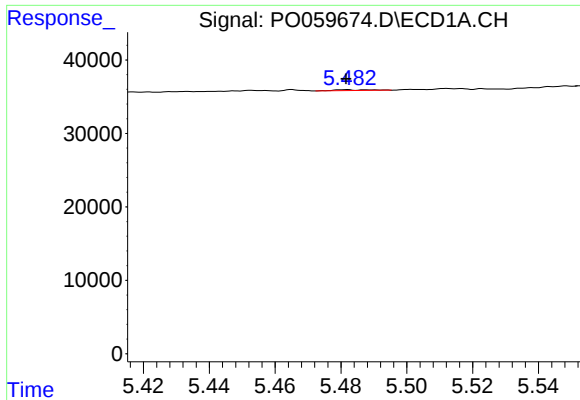
#18 AR-1242-3

R.T.: 5.394 min
Delta R.T.: 0.010 min
Response: 6469
Conc: 5.53 ng/ml



#18 AR-1242-3

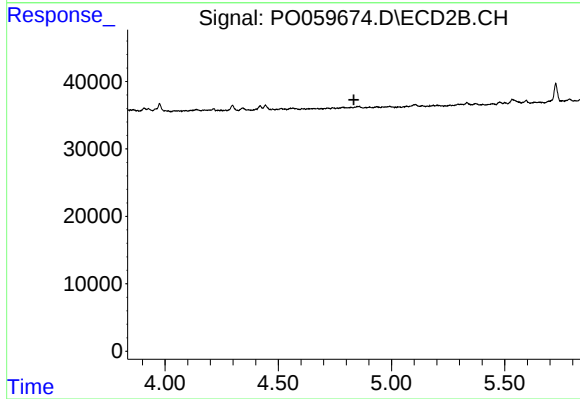
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

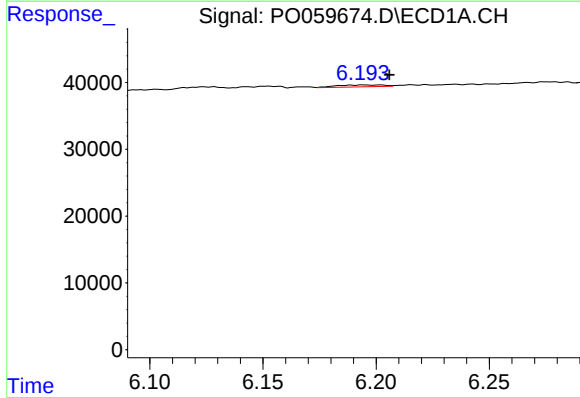
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 766
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



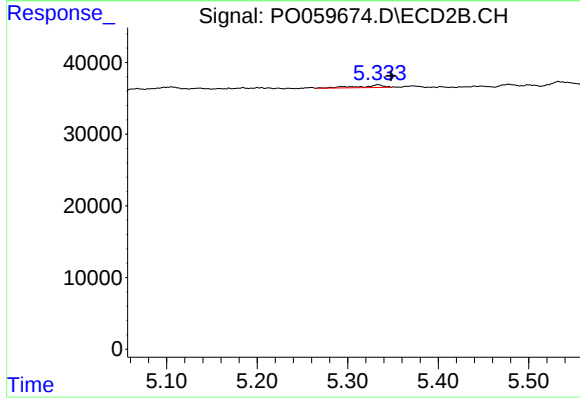
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



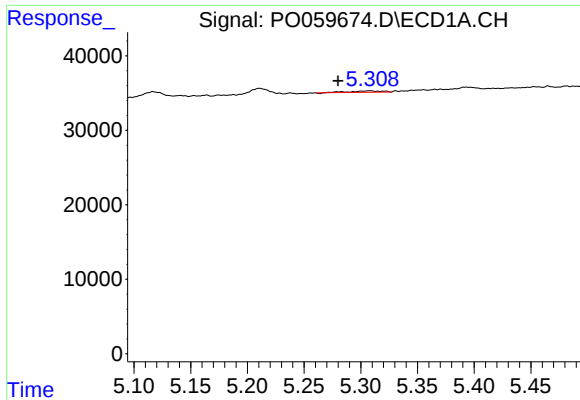
#20 AR-1242-5

R.T.: 6.195 min
Delta R.T.: -0.011 min
Response: 4070
Conc: 3.24 ng/ml



#20 AR-1242-5

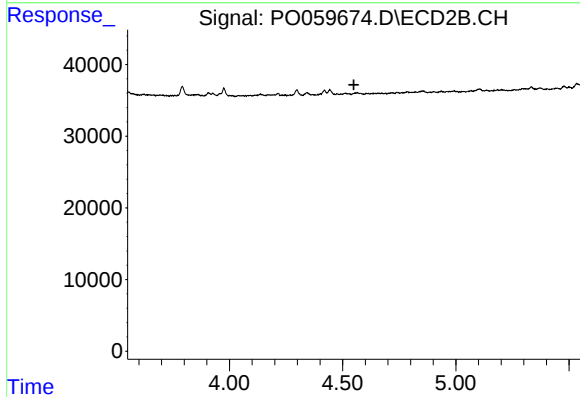
R.T.: 5.334 min
Delta R.T.: -0.014 min
Response: 7059
Conc: 6.31 ng/ml



#21 AR-1248-1

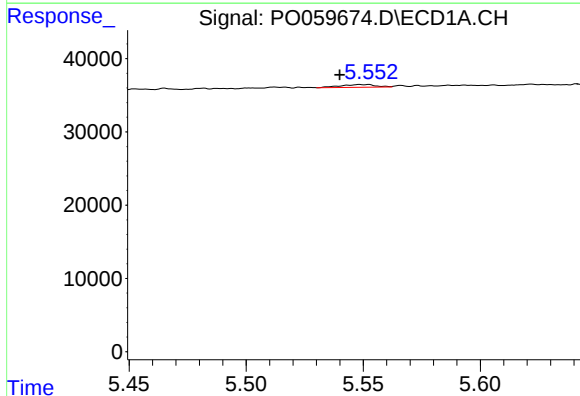
R.T.: 5.308 min
Delta R.T.: 0.028 min
Response: 3428
Conc: 3.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



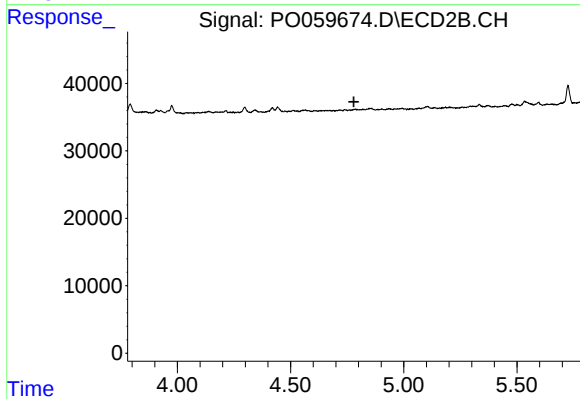
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



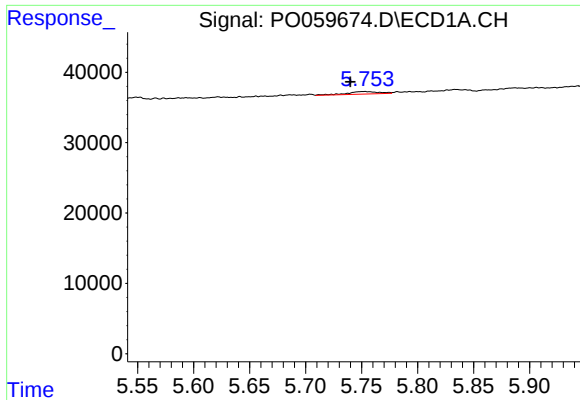
#22 AR-1248-2

R.T.: 5.549 min
Delta R.T.: 0.009 min
Response: 3868
Conc: 2.67 ng/ml



#22 AR-1248-2

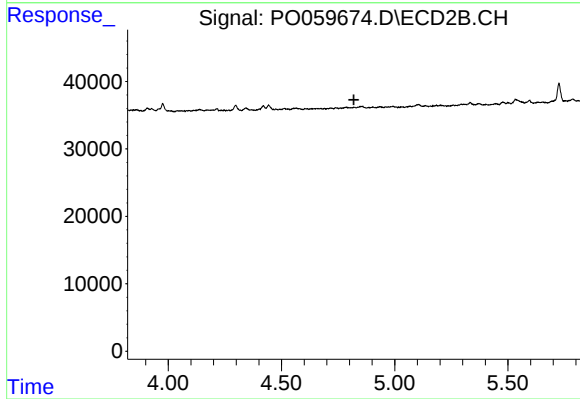
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

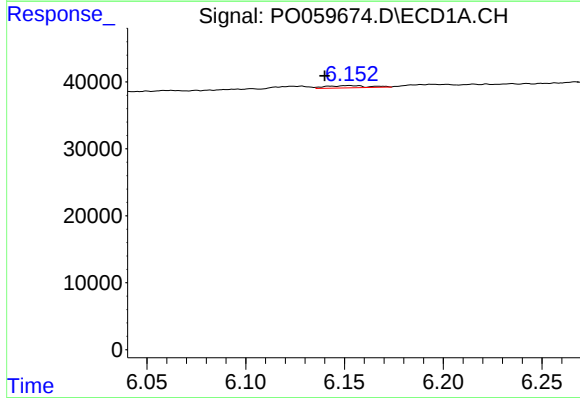
R.T.: 5.752 min
Delta R.T.: 0.012 min
Response: 7069
Conc: 4.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



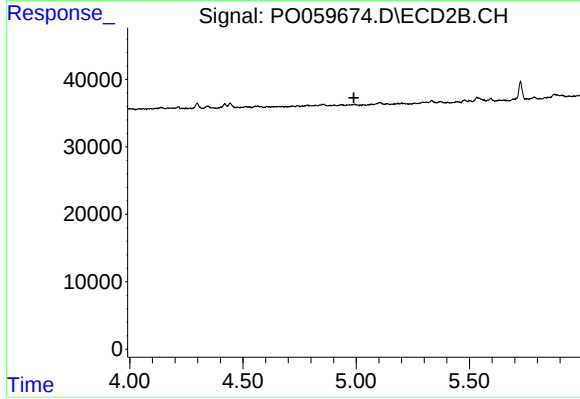
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



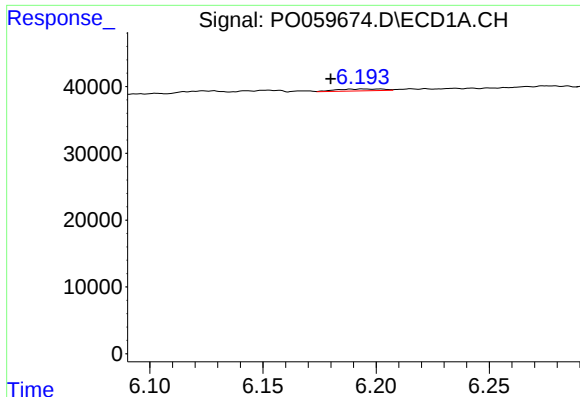
#24 AR-1248-4

R.T.: 6.152 min
Delta R.T.: 0.012 min
Response: 5004
Conc: 2.45 ng/ml



#24 AR-1248-4

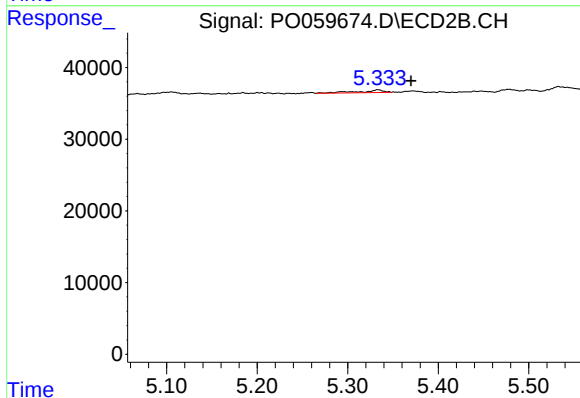
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

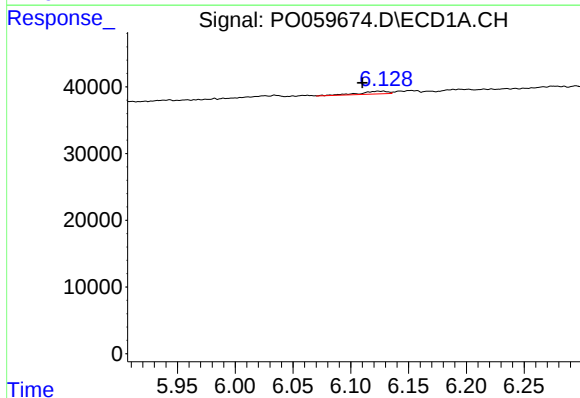
R.T.: 6.195 min
Delta R.T.: 0.015 min
Response: 4070
Conc: 2.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



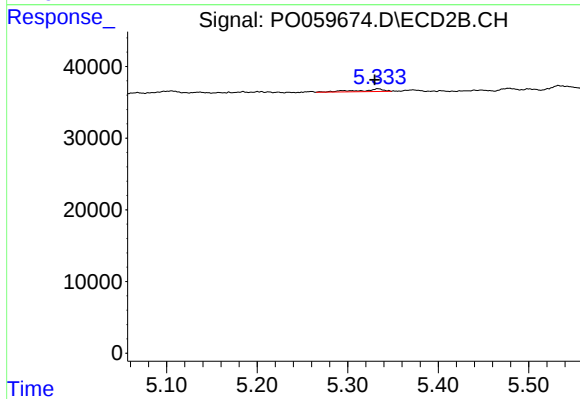
#25 AR-1248-5

R.T.: 5.334 min
Delta R.T.: -0.036 min
Response: 7059
Conc: 4.93 ng/ml



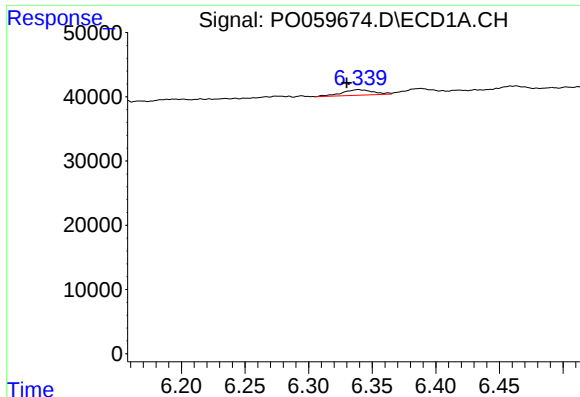
#26 AR-1254-1

R.T.: 6.128 min
Delta R.T.: 0.018 min
Response: 7280
Conc: 3.49 ng/ml



#26 AR-1254-1

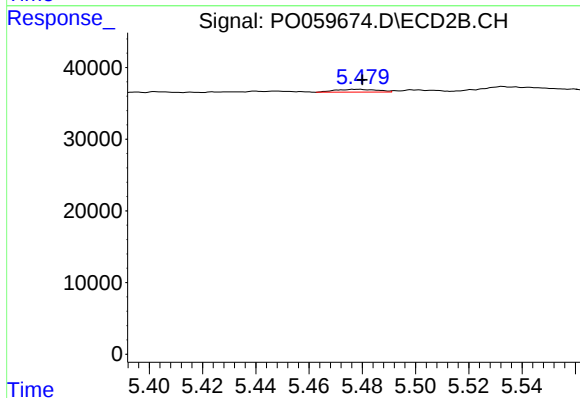
R.T.: 5.334 min
Delta R.T.: 0.004 min
Response: 7059
Conc: 2.98 ng/ml



#27 AR-1254-2

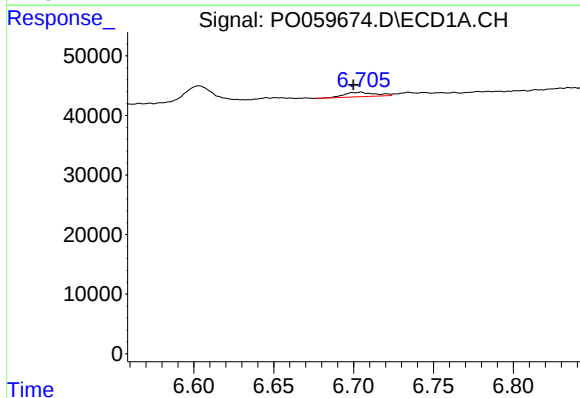
R.T.: 6.339 min
Delta R.T.: 0.009 min
Response: 14807
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



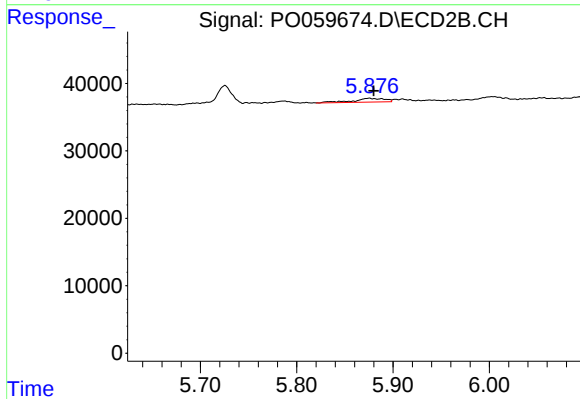
#27 AR-1254-2

R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 4263
Conc: 2.03 ng/ml



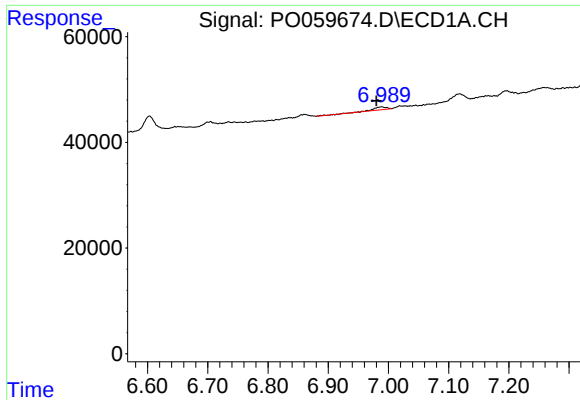
#28 AR-1254-3

R.T.: 6.705 min
Delta R.T.: 0.005 min
Response: 9923
Conc: 2.80 ng/ml



#28 AR-1254-3

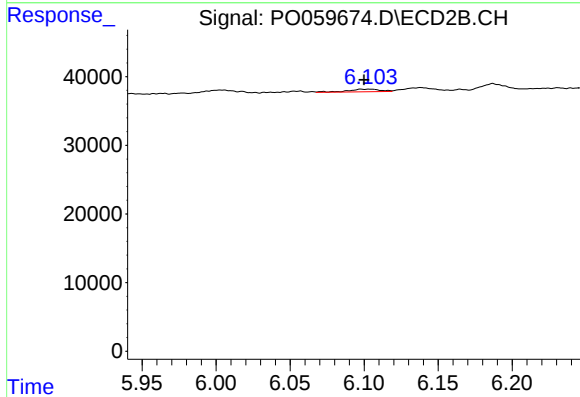
R.T.: 5.875 min
Delta R.T.: -0.005 min
Response: 12837
Conc: 3.82 ng/ml



#29 AR-1254-4

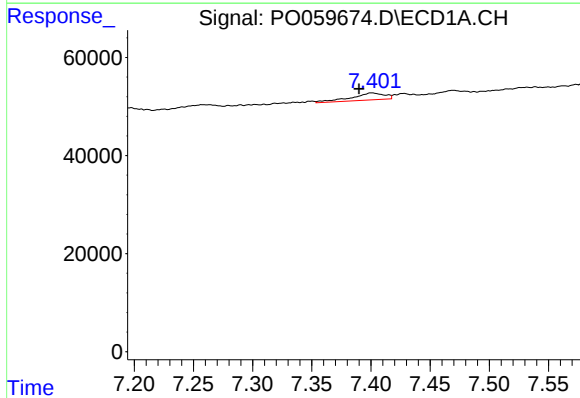
R.T.: 6.989 min
Delta R.T.: 0.009 min
Response: 8050
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



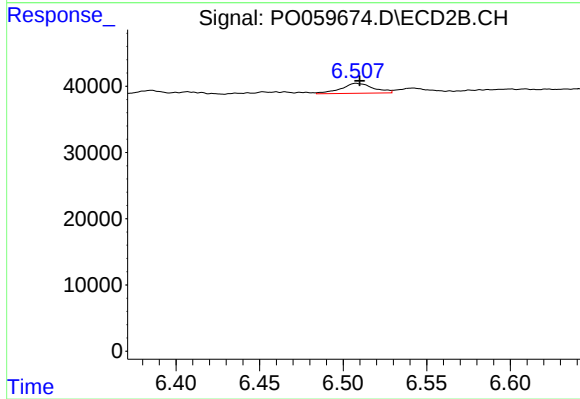
#29 AR-1254-4

R.T.: 6.104 min
Delta R.T.: 0.004 min
Response: 5817
Conc: 2.82 ng/ml



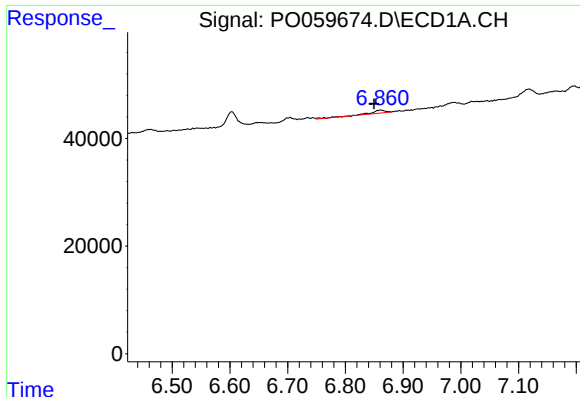
#30 AR-1254-5

R.T.: 7.401 min
Delta R.T.: 0.011 min
Response: 27894
Conc: 9.02 ng/ml



#30 AR-1254-5

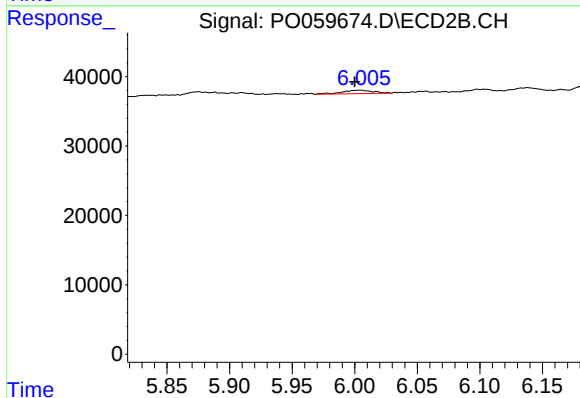
R.T.: 6.508 min
Delta R.T.: -0.002 min
Response: 20271
Conc: 6.53 ng/ml



#31 AR-1260-1

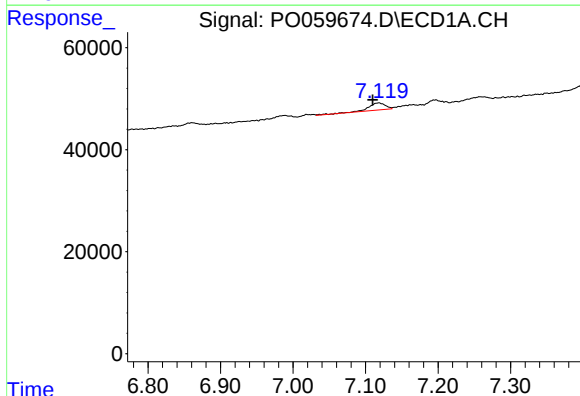
R.T.: 6.861 min
Delta R.T.: 0.011 min
Response: 10654
Conc: 3.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



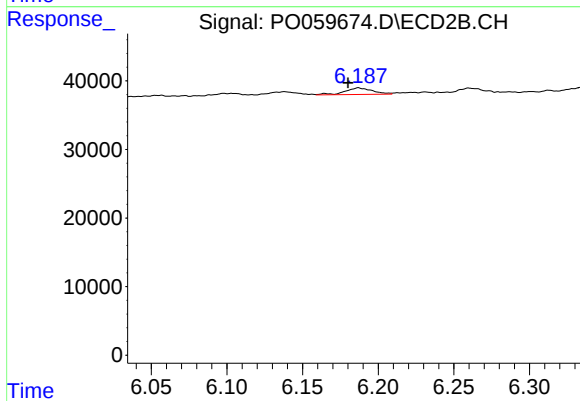
#31 AR-1260-1

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 8552
Conc: 3.75 ng/ml



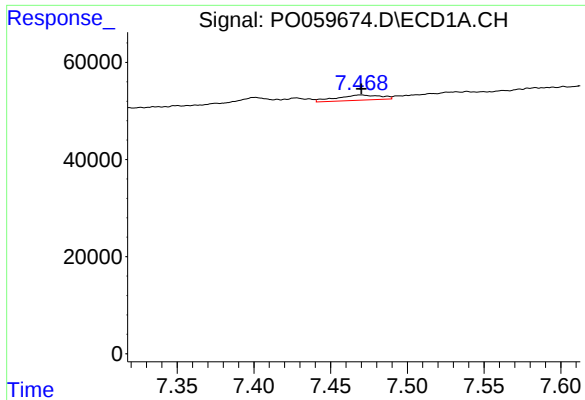
#32 AR-1260-2

R.T.: 7.118 min
Delta R.T.: 0.008 min
Response: 22921
Conc: 6.18 ng/ml



#32 AR-1260-2

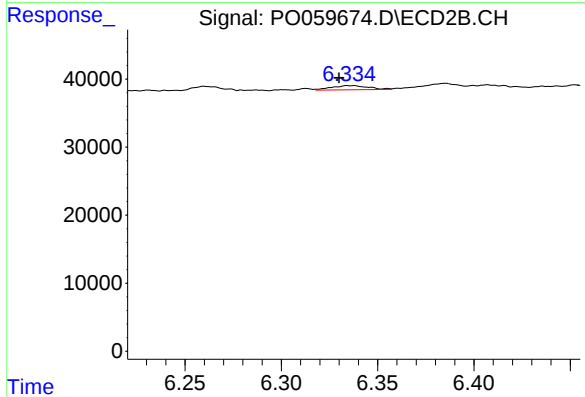
R.T.: 6.187 min
Delta R.T.: 0.007 min
Response: 12103
Conc: 4.13 ng/ml



#33 AR-1260-3

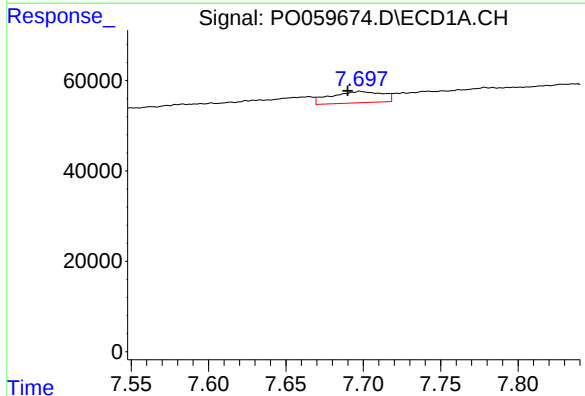
R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 21401
Conc: 6.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



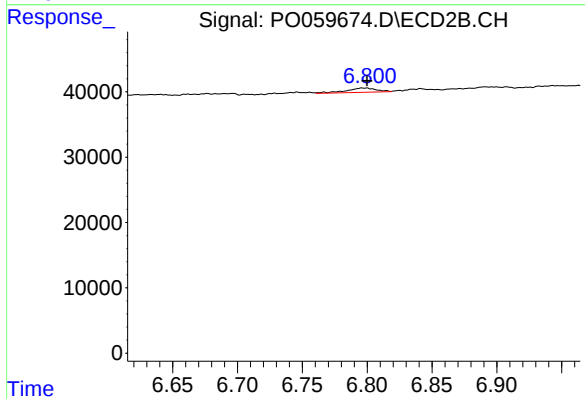
#33 AR-1260-3

R.T.: 6.336 min
Delta R.T.: 0.006 min
Response: 8516
Conc: 3.21 ng/ml



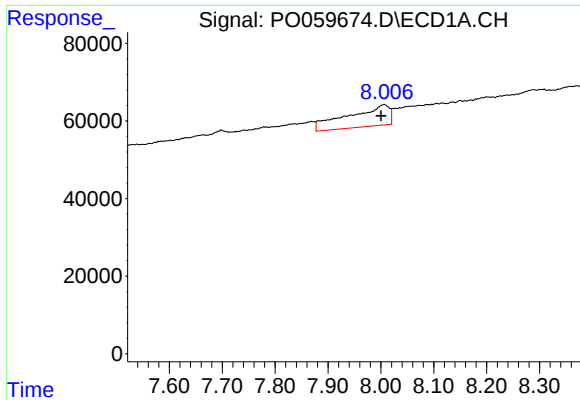
#34 AR-1260-4

R.T.: 7.698 min
Delta R.T.: 0.008 min
Response: 58019
Conc: 18.89 ng/ml



#34 AR-1260-4

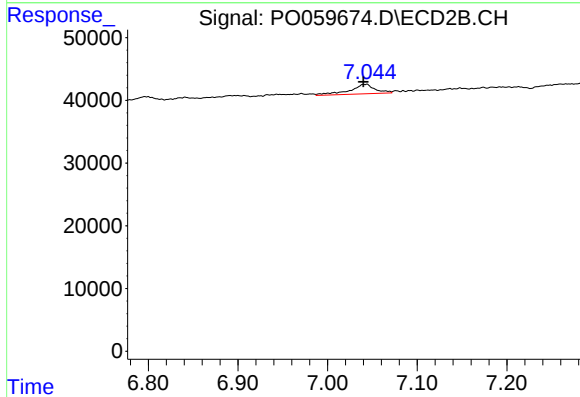
R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 10960
Conc: 4.84 ng/ml



#35 AR-1260-5

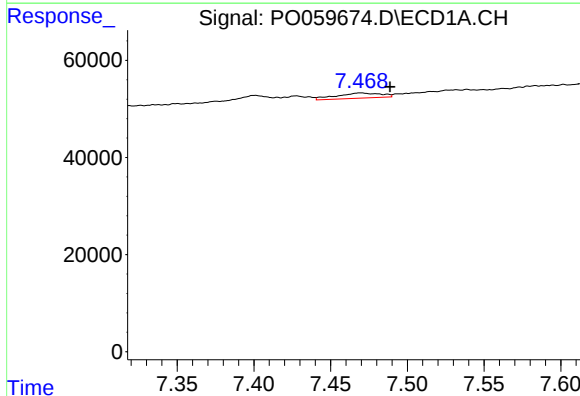
R.T.: 8.007 min
Delta R.T.: 0.007 min
Response: 294261
Conc: 41.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



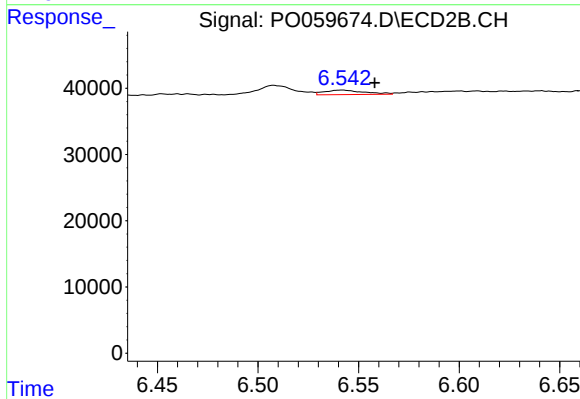
#35 AR-1260-5

R.T.: 7.043 min
Delta R.T.: 0.003 min
Response: 30036
Conc: 5.46 ng/ml



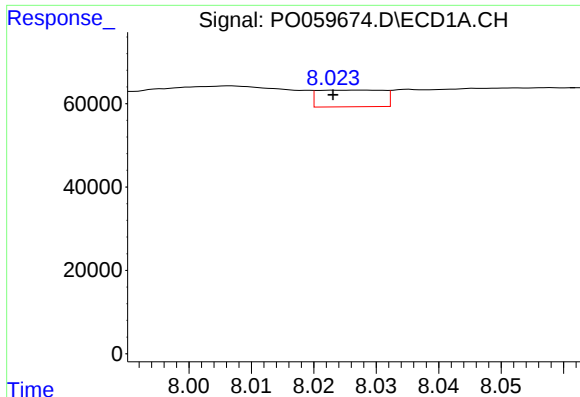
#36 AR-1262-1

R.T.: 7.469 min
Delta R.T.: -0.019 min
Response: 21401
Conc: 4.41 ng/ml



#36 AR-1262-1

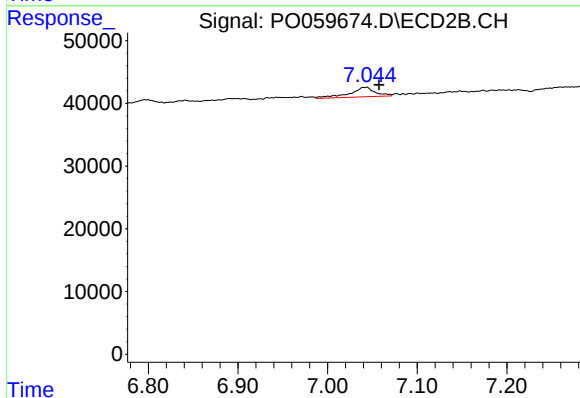
R.T.: 6.542 min
Delta R.T.: -0.016 min
Response: 9243
Conc: 2.48 ng/ml



#37 AR-1262-2

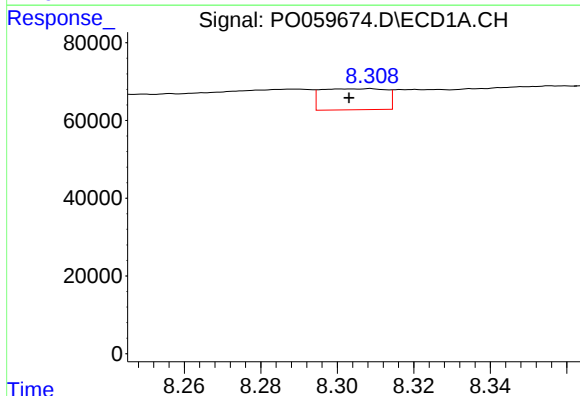
R.T.: 8.027 min
Delta R.T.: 0.004 min
Response: 29140
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



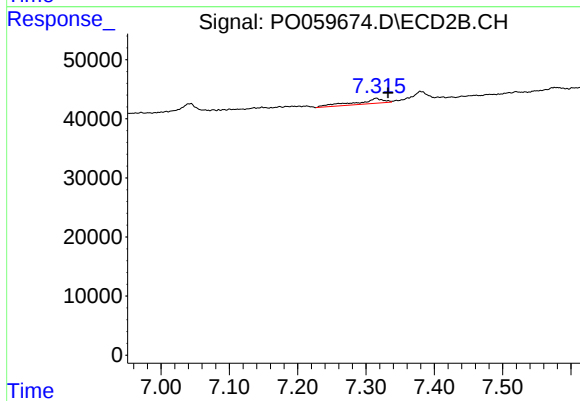
#37 AR-1262-2

R.T.: 7.043 min
Delta R.T.: -0.014 min
Response: 30036
Conc: 5.11 ng/ml



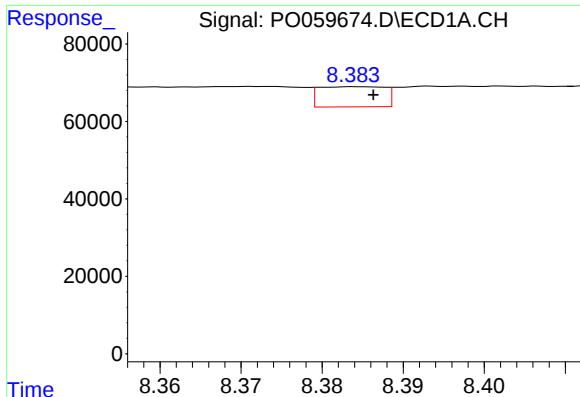
#38 AR-1262-3

R.T.: 8.308 min
Delta R.T.: 0.005 min
Response: 63635
Conc: 12.47 ng/ml



#38 AR-1262-3

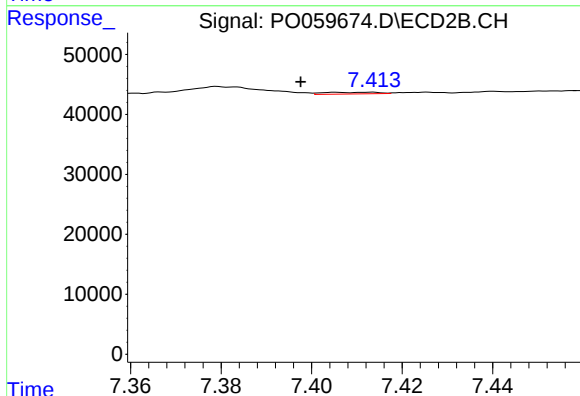
R.T.: 7.315 min
Delta R.T.: -0.017 min
Response: 24707
Conc: 9.72 ng/ml



#39 AR-1262-4

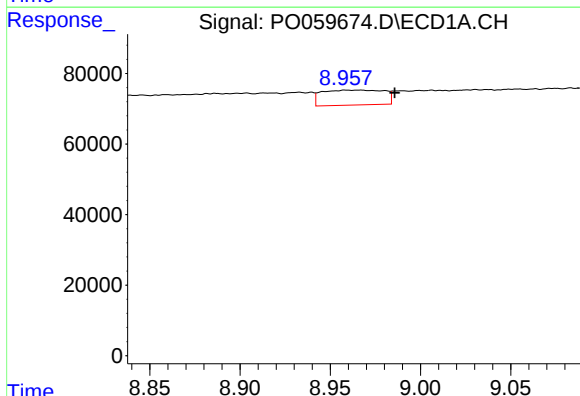
R.T.: 8.384 min
Delta R.T.: -0.002 min
Response: 29334
Conc: 7.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



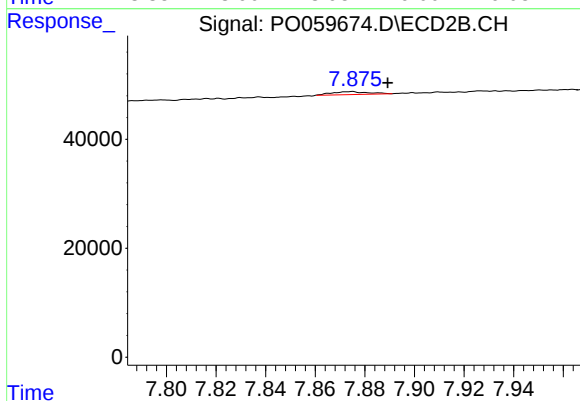
#39 AR-1262-4

R.T.: 7.405 min
Delta R.T.: 0.008 min
Response: 2366
Conc: 0.54 ng/ml



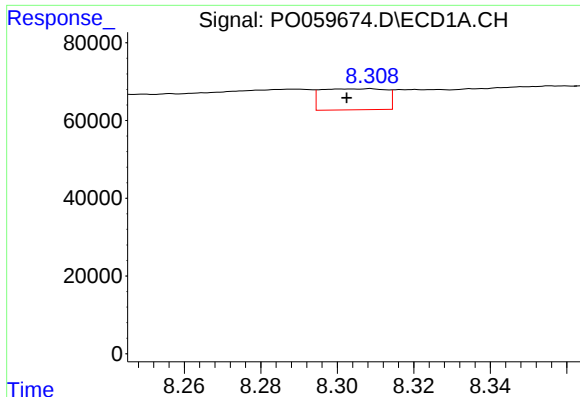
#40 AR-1262-5

R.T.: 8.967 min
Delta R.T.: -0.019 min
Response: 101701
Conc: 39.63 ng/ml



#40 AR-1262-5

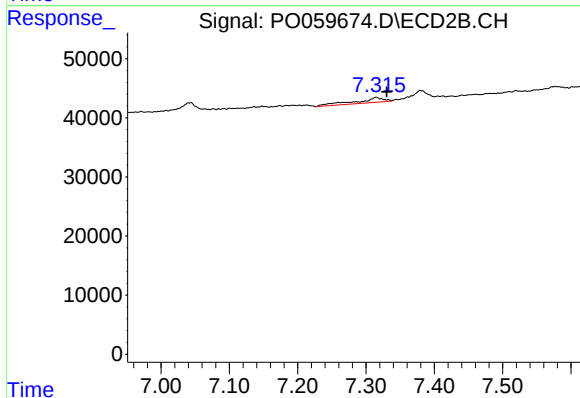
R.T.: 7.874 min
Delta R.T.: -0.015 min
Response: 5429
Conc: 3.01 ng/ml



#41 AR-1268-1

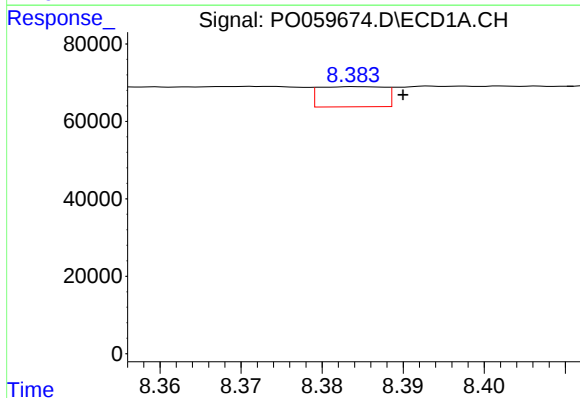
R.T.: 8.308 min
Delta R.T.: 0.006 min
Response: 63635
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



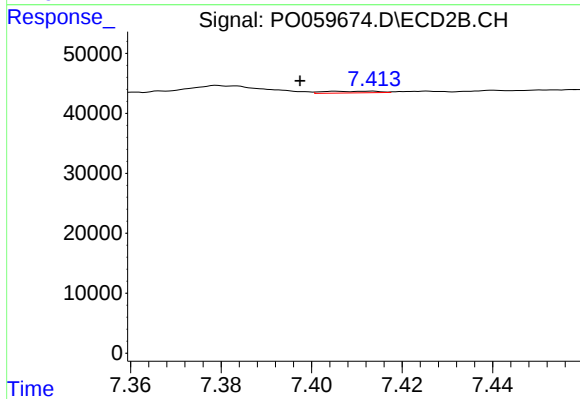
#41 AR-1268-1

R.T.: 7.315 min
Delta R.T.: -0.015 min
Response: 24707
Conc: 3.47 ng/ml



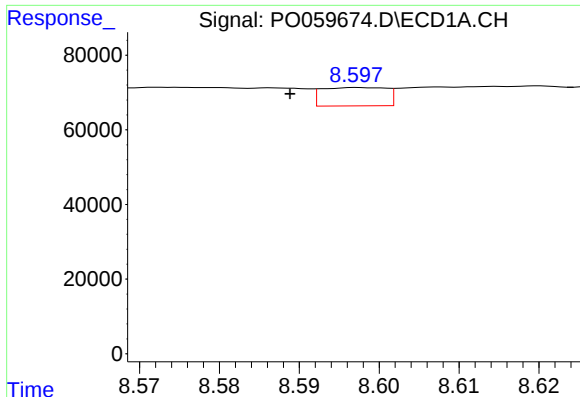
#42 AR-1268-2

R.T.: 8.384 min
Delta R.T.: -0.006 min
Response: 29334
Conc: 3.72 ng/ml



#42 AR-1268-2

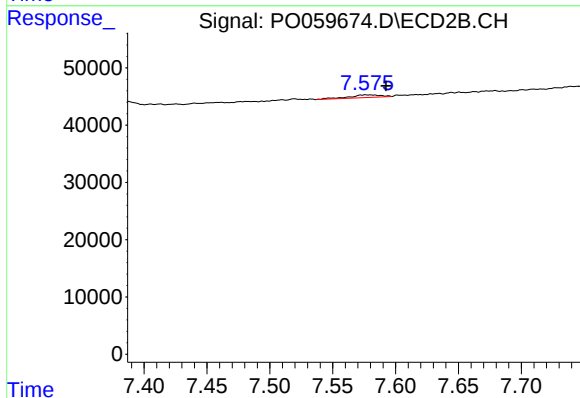
R.T.: 7.405 min
Delta R.T.: 0.008 min
Response: 2366
Conc: 0.37 ng/ml



#43 AR-1268-3

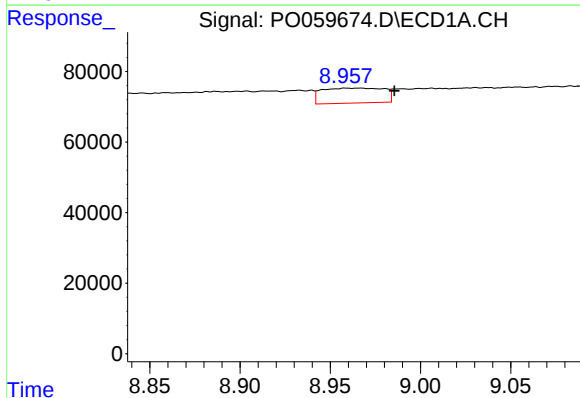
R.T.: 8.598 min
Delta R.T.: 0.009 min
Response: 27598
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



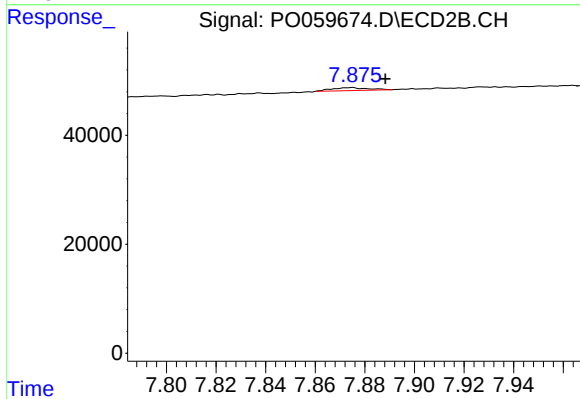
#43 AR-1268-3

R.T.: 7.577 min
Delta R.T.: -0.016 min
Response: 8216
Conc: 1.50 ng/ml



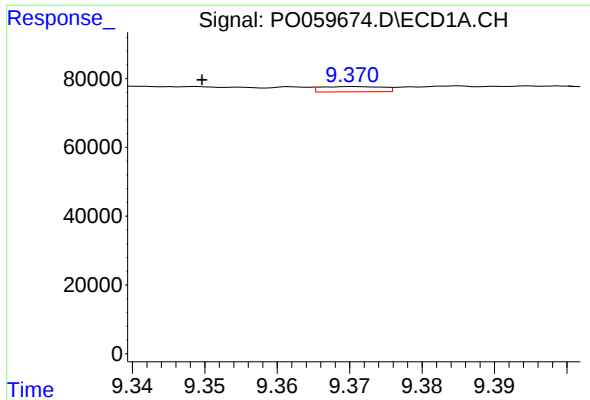
#44 AR-1268-4

R.T.: 8.967 min
Delta R.T.: -0.019 min
Response: 101701
Conc: 36.58 ng/ml



#44 AR-1268-4

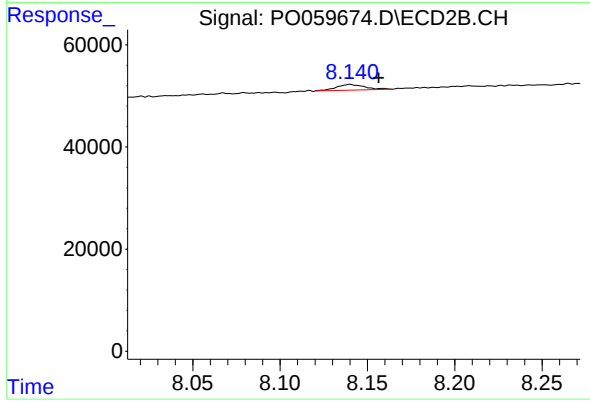
R.T.: 7.874 min
Delta R.T.: -0.014 min
Response: 5429
Conc: 2.66 ng/ml



#45 AR-1268-5

R.T.: 9.370 min
Delta R.T.: 0.021 min
Response: 8947
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-L1



#45 AR-1268-5

R.T.: 8.140 min
Delta R.T.: -0.017 min
Response: 12685
Conc: 0.87 ng/ml