

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061617.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 1:32
 Operator : HP/AJ
 Sample : K4946-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:31:41 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...	4.368	3.527	1199061	916324	29.235	28.335
2)	SA Decachlor...	10.030	8.395	883688	569582	18.975	17.593
Target Compounds							
3)	L1 AR-1016-1	5.553	4.604	7955	10784	4.338	8.020 #
4)	L1 AR-1016-2	5.553	4.604	7955	10784	3.077	5.819 #
5)	L1 AR-1016-3	5.601	0.000	7536	0	4.691	N.D. #
6)	L1 AR-1016-4	5.719	0.000	4755	0	3.557	N.D. #
7)	L1 AR-1016-5	6.064	0.000	1568	0	1.143	N.D. #
8)	L2 AR-1221-1	4.634	0.000	701	0	1.516	N.D. #
9)	L2 AR-1221-2	4.673	3.816	21923	15164	61.063	49.171
10)	L2 AR-1221-3	4.756	3.937	6945	11198	6.100	12.276 #
11)	L3 AR-1232-1	4.756	3.937	6945	11198	4.966	9.973 #
12)	L3 AR-1232-2	5.273	4.604	6682	10784	8.517	8.834
13)	L3 AR-1232-3	5.553	0.000	7955	0	4.655	N.D. #
14)	L3 AR-1232-4	5.719	0.000	4755	0	5.375	N.D. #
15)	L3 AR-1232-5	5.787	0.000	1352	0	1.949	N.D. #
16)	L4 AR-1242-1	5.553	4.604	7955	10784	5.601	10.526 #
17)	L4 AR-1242-2	5.553	4.604	7955	10784	3.958	7.647 #
18)	L4 AR-1242-3	5.601	0.000	7536	0	5.972	N.D. #
19)	L4 AR-1242-4	5.719	0.000	4755	0	4.526	N.D. #
20)	L4 AR-1242-5	6.457	5.361	11073	11781	8.279	10.998 #
21)	L5 AR-1248-1	5.553	4.604	7955	10784	6.771	12.051 #
22)	L5 AR-1248-2	5.787	0.000	1352	0	0.801	N.D. #
23)	L5 AR-1248-3	6.064	0.000	1568	0	0.839	N.D. #
24)	L5 AR-1248-4	6.411	0.000	15299	0	6.475	N.D. #
25)	L5 AR-1248-5	6.457	5.361	11073	11781	4.883	7.679 #
26)	L6 AR-1254-1	6.390	5.361	24667	11781	10.812	5.371 #
27)	L6 AR-1254-2	6.602	5.524	34687	3546	9.601	1.809 #
28)	L6 AR-1254-3	6.969	5.894	25469	13832	6.518	4.345 #
29)	L6 AR-1254-4	7.248	6.125	11372	7896	3.755	3.892
30)	L6 AR-1254-5	7.665	6.527	48026	33013	15.293	11.672
31)	L7 AR-1260-1	7.127	6.021	42260	15284	16.188	7.493 #
32)	L7 AR-1260-2	7.377	6.211	54271	9181	17.024	3.823 #
33)	L7 AR-1260-3	7.741	6.356	56705	15743	23.609	6.987 #
34)	L7 AR-1260-4	7.963	6.820	67222	6865	25.158	3.718 #
35)	L7 AR-1260-5	8.280	7.057	78954	18238	15.956	4.684 #
36)	L8 AR-1262-1	7.741	6.567	56705	10738	14.800	8.797 #
37)	L8 AR-1262-2	8.280	7.057	78954	18238	12.718	3.966 #
38)	L8 AR-1262-3	8.582	7.337	90101	8670	21.678	4.602 #
39)	L8 AR-1262-4	8.675	7.400	176933	14275	56.047	4.248 #
40)	L8 AR-1262-5	9.317	7.894	25960	4456	12.765	2.939 #
41)	L9 AR-1268-1	8.582	7.337	90101	8670	13.399	1.795 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Oct 2019 1:32
Operator : HP/AJ
Sample : K4946-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

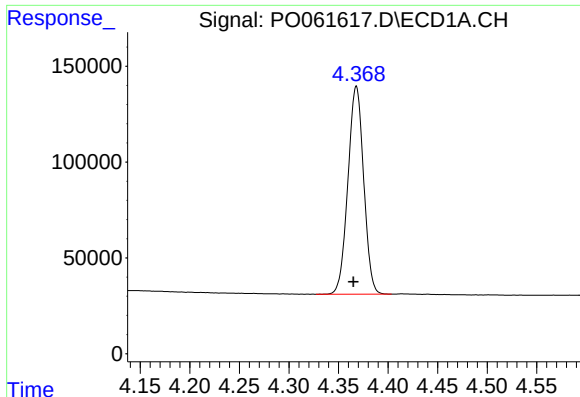
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:31:41 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
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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	8.675	7.400	176933	14275	28.573	3.312 #
43)	L9 AR-1268-3	8.894	7.605	61185	21708	11.969	6.057 #
44)	L9 AR-1268-4	9.317	7.894	25960	4456	11.872	2.769 #
45)	L9 AR-1268-5	9.707	8.161	57577	64901	3.833	6.454 #

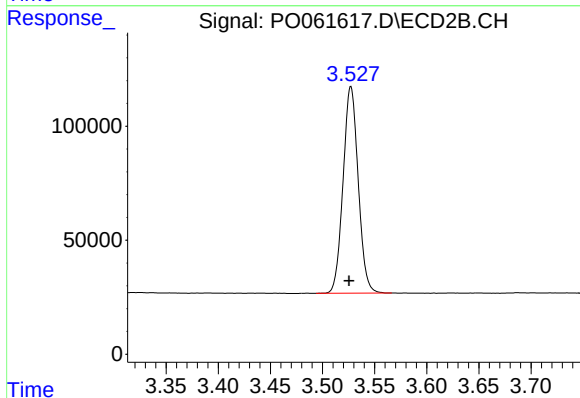
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

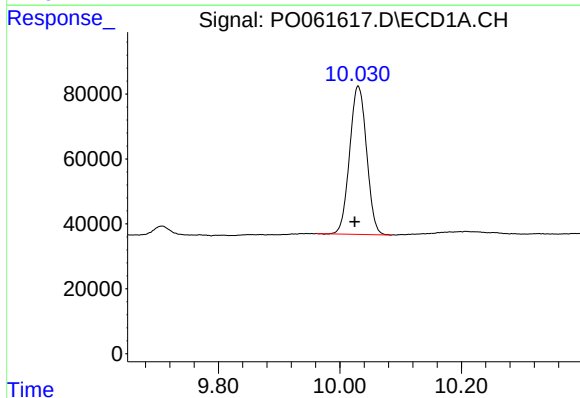
R.T.: 4.368 min
Delta R.T.: 0.003 min
Response: 1199061
Conc: 29.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



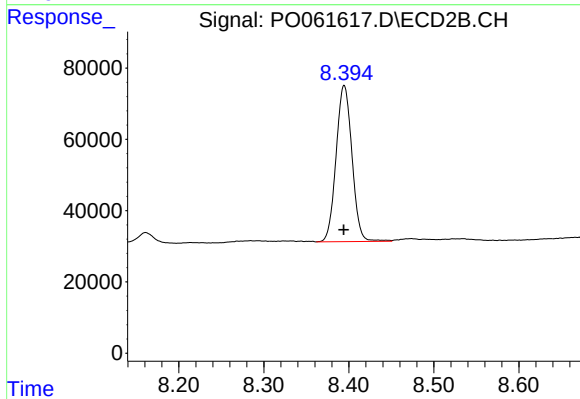
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.002 min
Response: 916324
Conc: 28.33 ng/ml



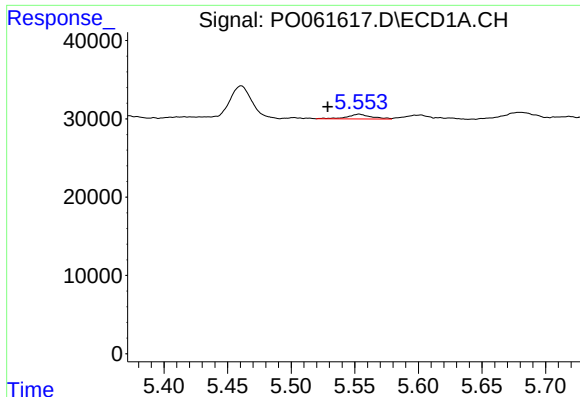
#2 Decachlorobiphenyl

R.T.: 10.030 min
Delta R.T.: 0.005 min
Response: 883688
Conc: 18.98 ng/ml



#2 Decachlorobiphenyl

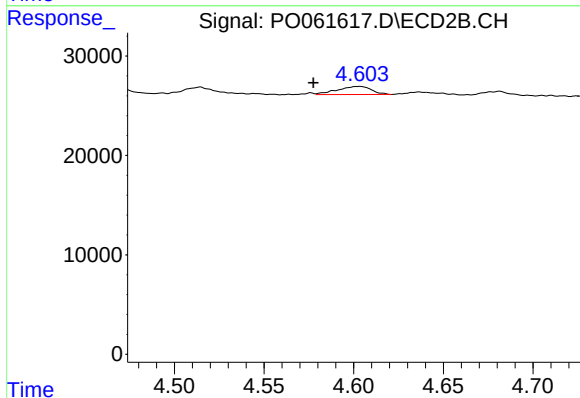
R.T.: 8.395 min
Delta R.T.: 0.000 min
Response: 569582
Conc: 17.59 ng/ml



#3 AR-1016-1

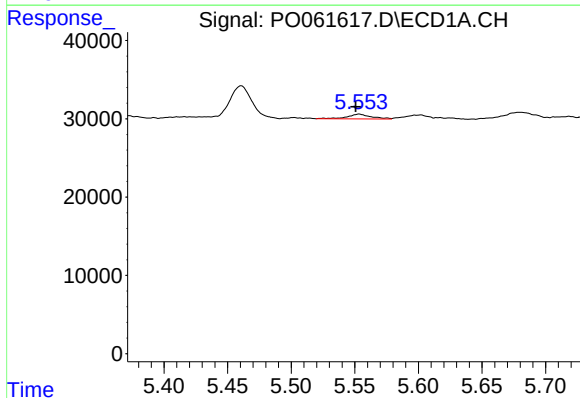
R.T.: 5.553 min
Delta R.T.: 0.025 min
Response: 7955
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



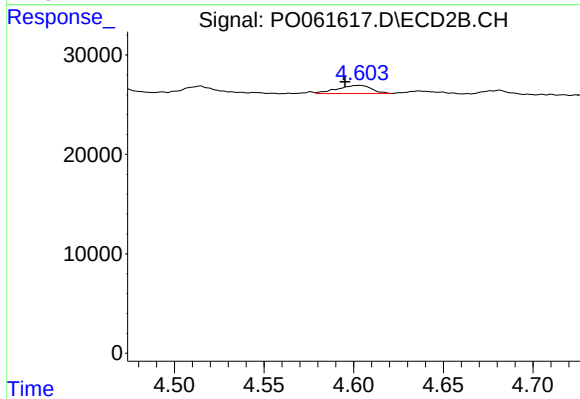
#3 AR-1016-1

R.T.: 4.604 min
Delta R.T.: 0.026 min
Response: 10784
Conc: 8.02 ng/ml



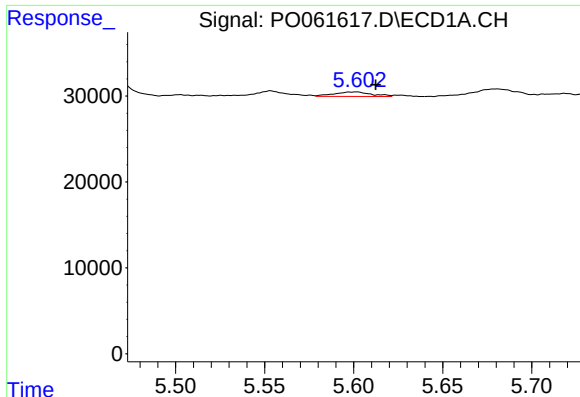
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 7955
Conc: 3.08 ng/ml



#4 AR-1016-2

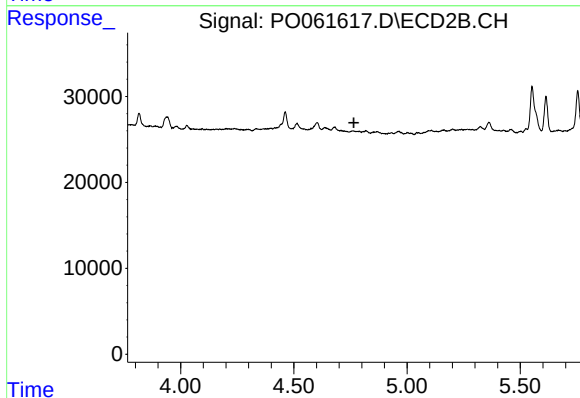
R.T.: 4.604 min
Delta R.T.: 0.009 min
Response: 10784
Conc: 5.82 ng/ml



#5 AR-1016-3

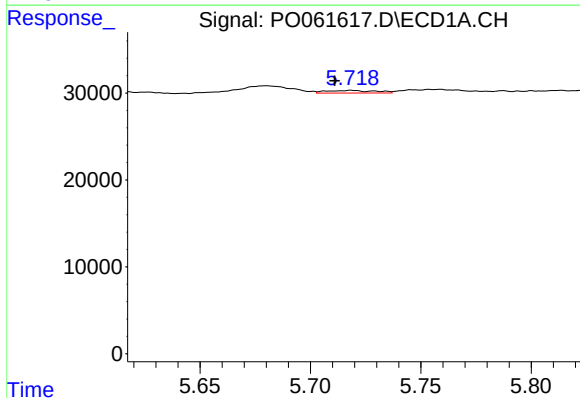
R.T.: 5.601 min
Delta R.T.: -0.011 min
Response: 7536
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



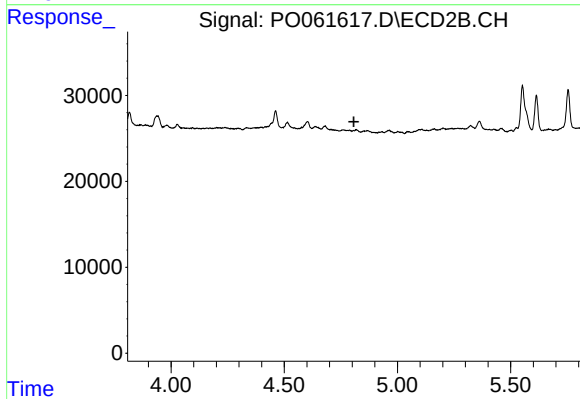
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.765 min
Response: 0
Conc: N.D.



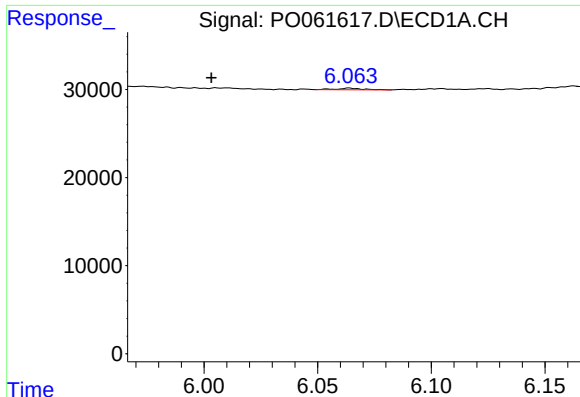
#6 AR-1016-4

R.T.: 5.719 min
Delta R.T.: 0.008 min
Response: 4755
Conc: 3.56 ng/ml



#6 AR-1016-4

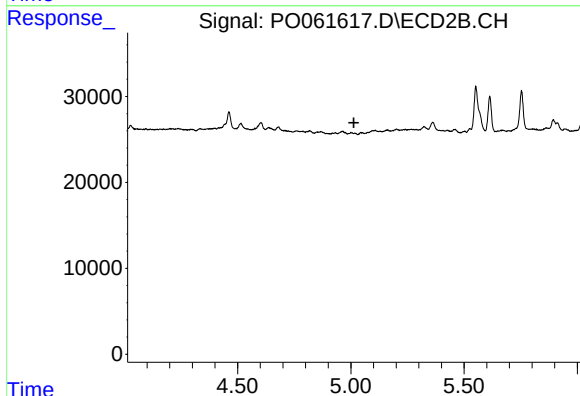
R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



#7 AR-1016-5

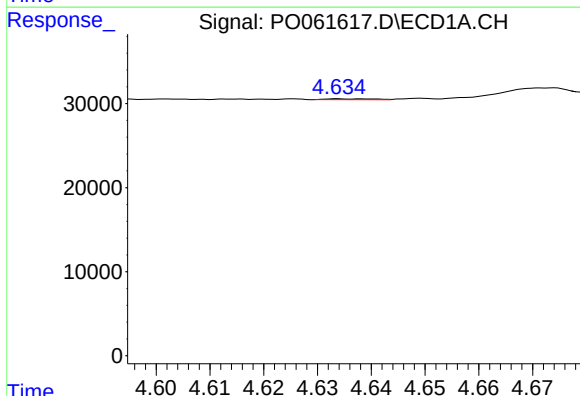
R.T.: 6.064 min
Delta R.T.: 0.061 min
Response: 1568
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



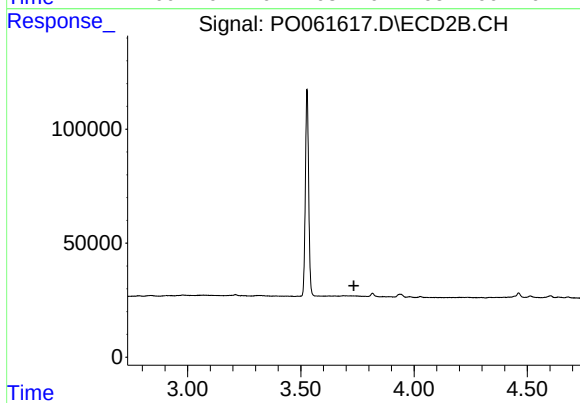
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



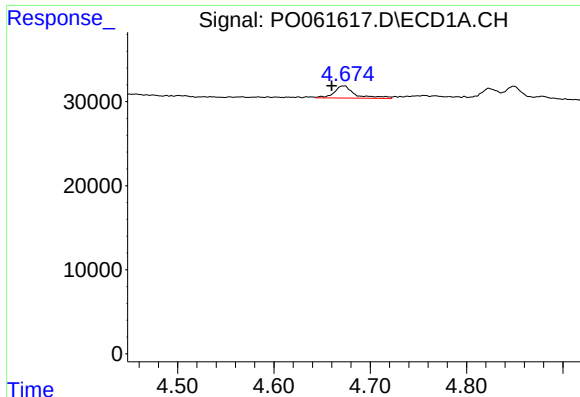
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: 0.060 min
Response: 701
Conc: 1.52 ng/ml



#8 AR-1221-1

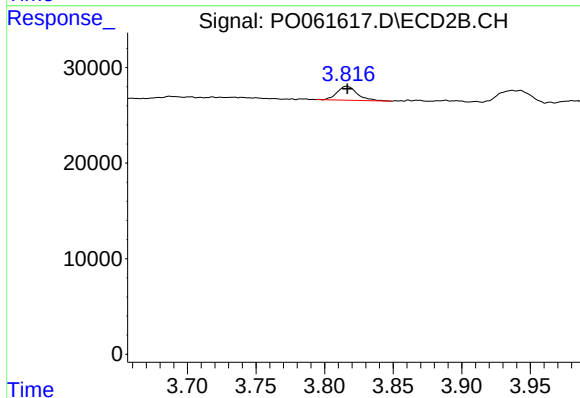
R.T.: 0.000 min
Exp R.T. : 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

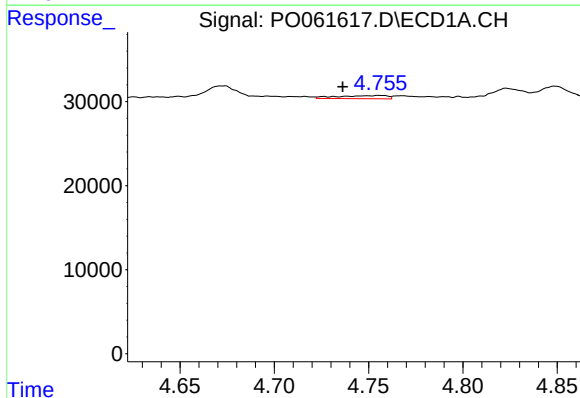
R.T.: 4.673 min
Delta R.T.: 0.013 min
Response: 21923
Conc: 61.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



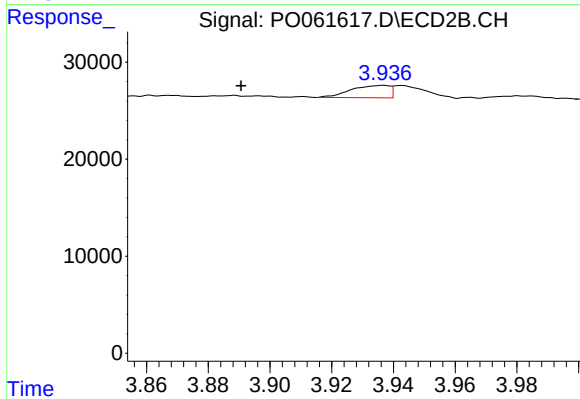
#9 AR-1221-2

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 15164
Conc: 49.17 ng/ml



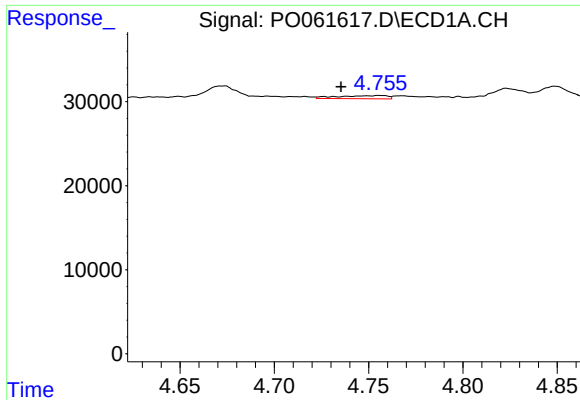
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: 0.020 min
Response: 6945
Conc: 6.10 ng/ml



#10 AR-1221-3

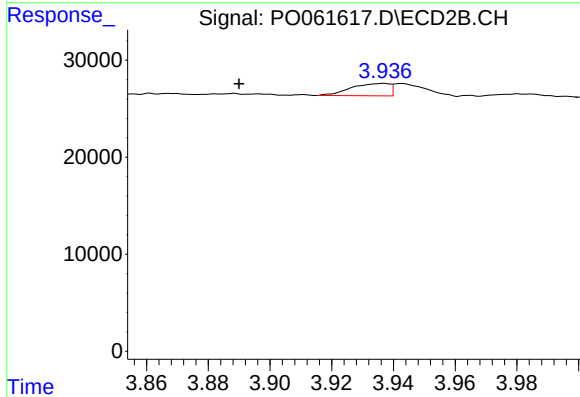
R.T.: 3.937 min
Delta R.T.: 0.046 min
Response: 11198
Conc: 12.28 ng/ml



#11 AR-1232-1

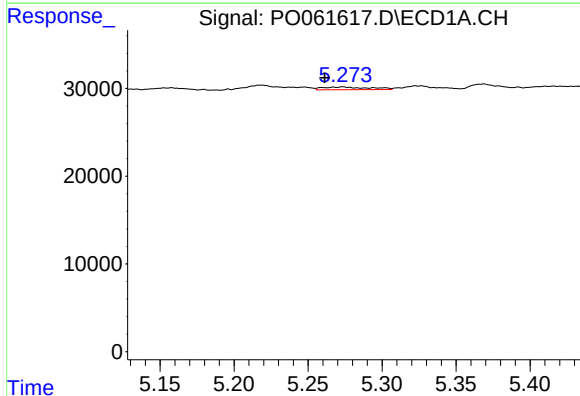
R.T.: 4.756 min
Delta R.T.: 0.020 min
Response: 6945
Conc: 4.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



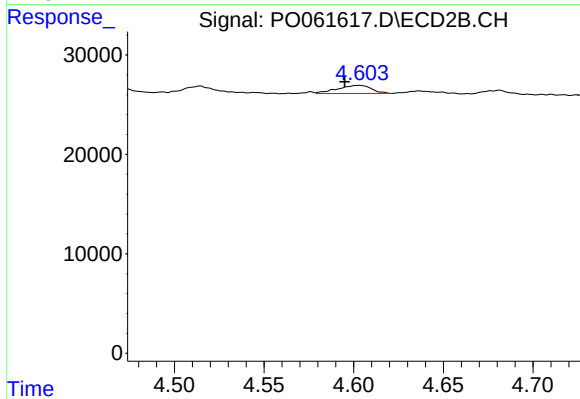
#11 AR-1232-1

R.T.: 3.937 min
Delta R.T.: 0.047 min
Response: 11198
Conc: 9.97 ng/ml



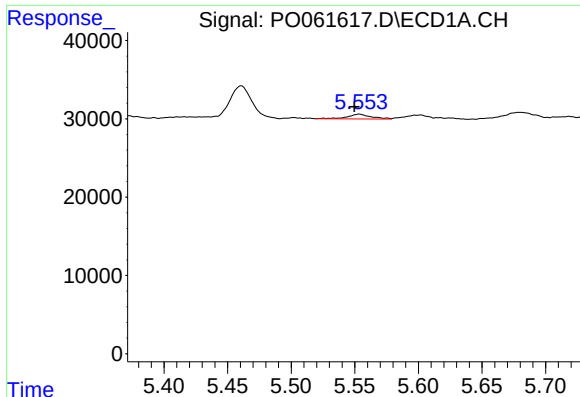
#12 AR-1232-2

R.T.: 5.273 min
Delta R.T.: 0.012 min
Response: 6682
Conc: 8.52 ng/ml



#12 AR-1232-2

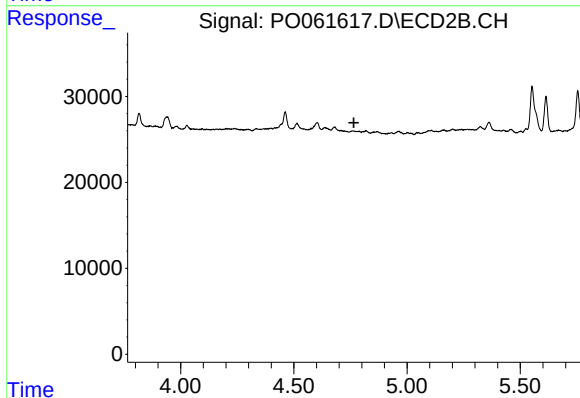
R.T.: 4.604 min
Delta R.T.: 0.009 min
Response: 10784
Conc: 8.83 ng/ml



#13 AR-1232-3

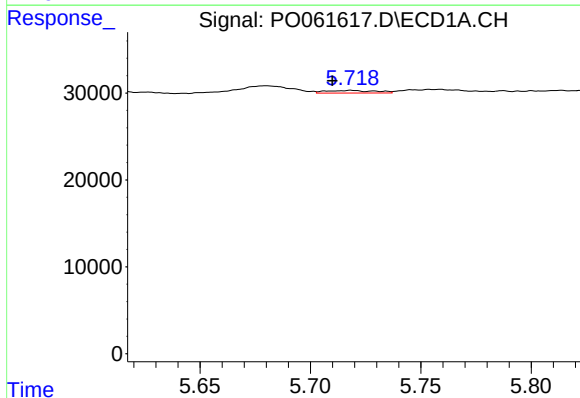
R.T.: 5.553 min
Delta R.T.: 0.004 min
Response: 7955
Conc: 4.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



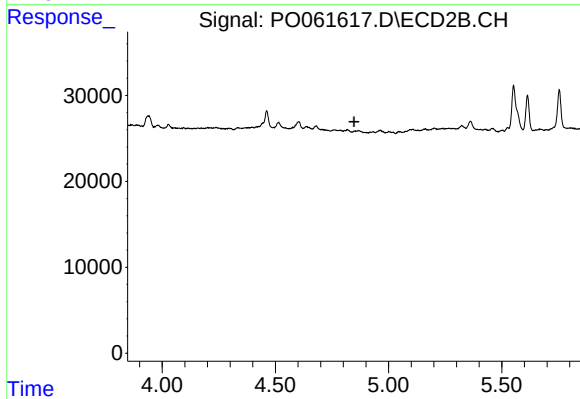
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.765 min
Response: 0
Conc: N.D.



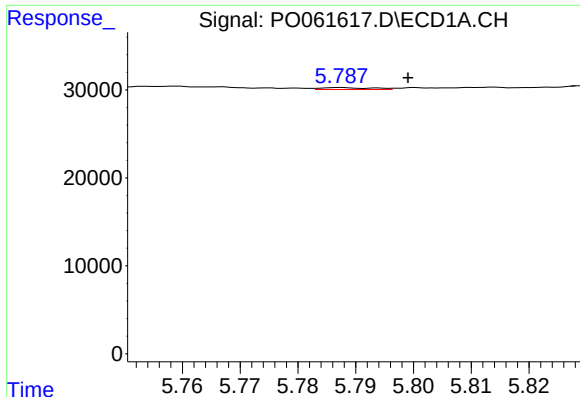
#14 AR-1232-4

R.T.: 5.719 min
Delta R.T.: 0.009 min
Response: 4755
Conc: 5.37 ng/ml



#14 AR-1232-4

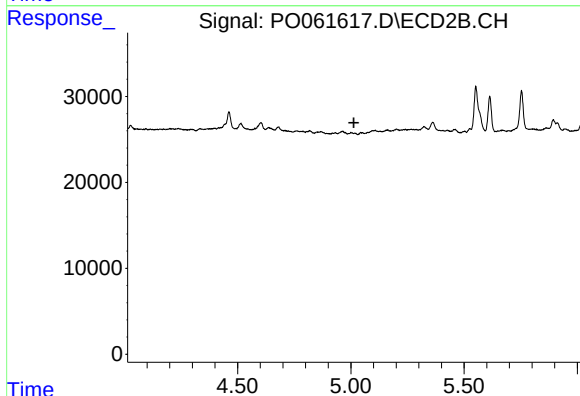
R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



#15 AR-1232-5

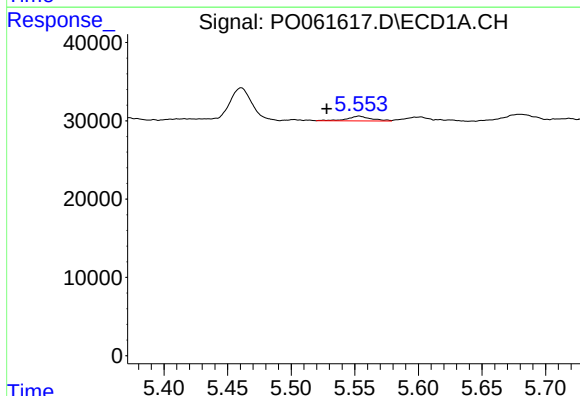
R.T.: 5.787 min
Delta R.T.: -0.012 min
Response: 1352
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



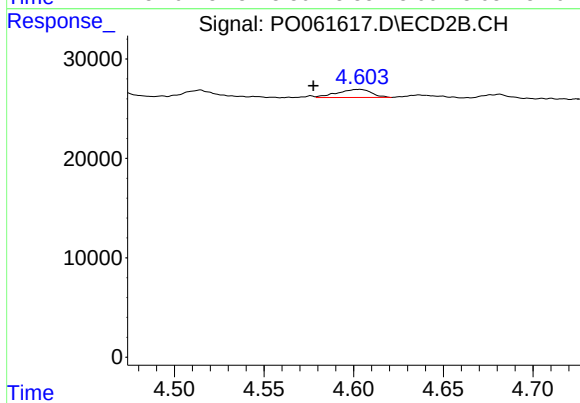
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



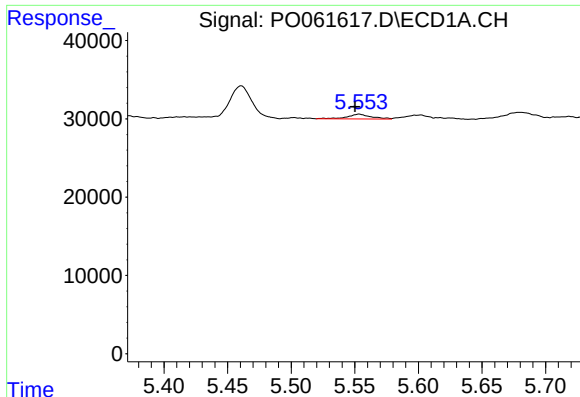
#16 AR-1242-1

R.T.: 5.553 min
Delta R.T.: 0.026 min
Response: 7955
Conc: 5.60 ng/ml



#16 AR-1242-1

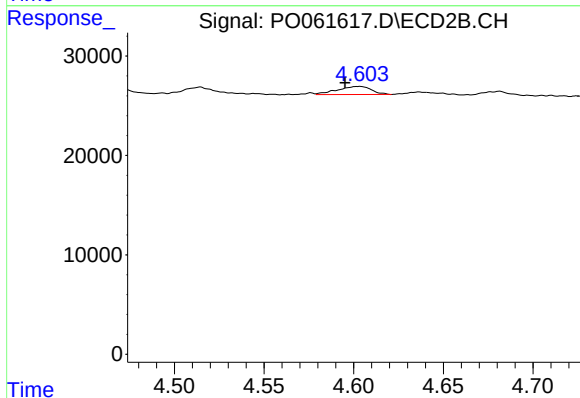
R.T.: 4.604 min
Delta R.T.: 0.026 min
Response: 10784
Conc: 10.53 ng/ml



#17 AR-1242-2

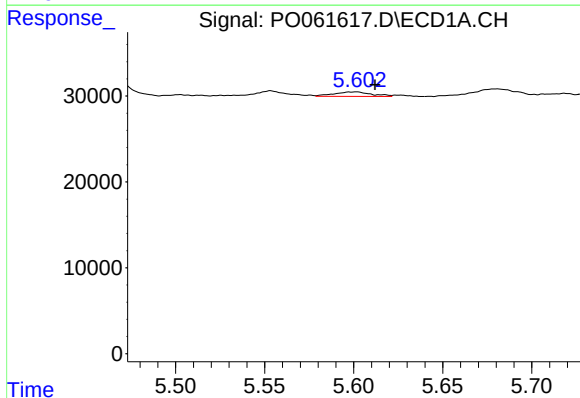
R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 7955
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



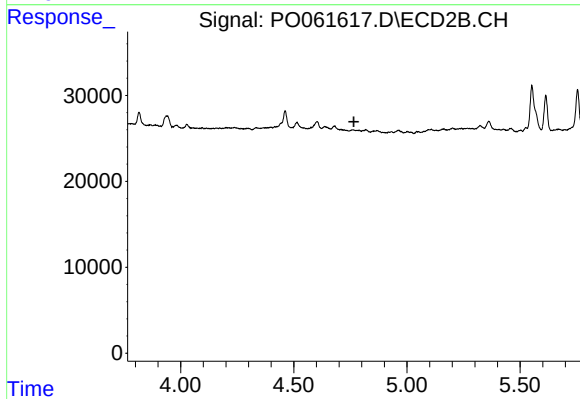
#17 AR-1242-2

R.T.: 4.604 min
Delta R.T.: 0.009 min
Response: 10784
Conc: 7.65 ng/ml



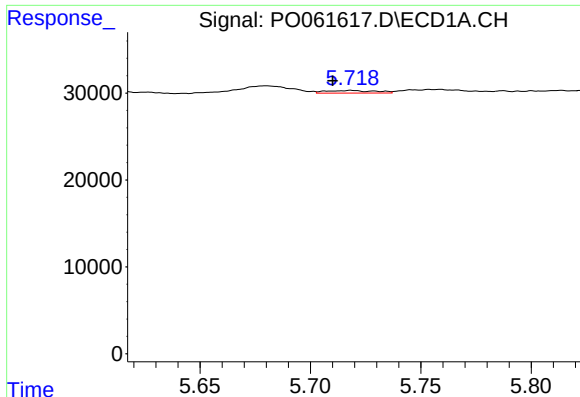
#18 AR-1242-3

R.T.: 5.601 min
Delta R.T.: -0.010 min
Response: 7536
Conc: 5.97 ng/ml



#18 AR-1242-3

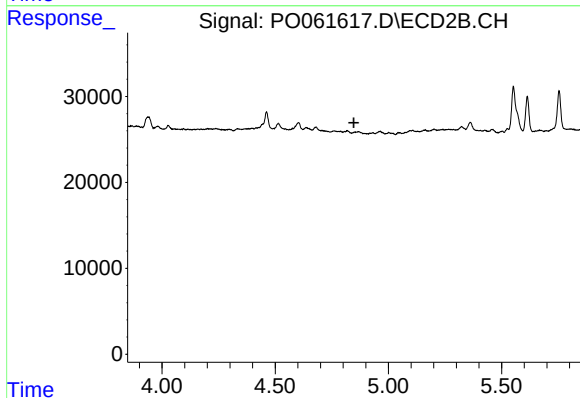
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.



#19 AR-1242-4

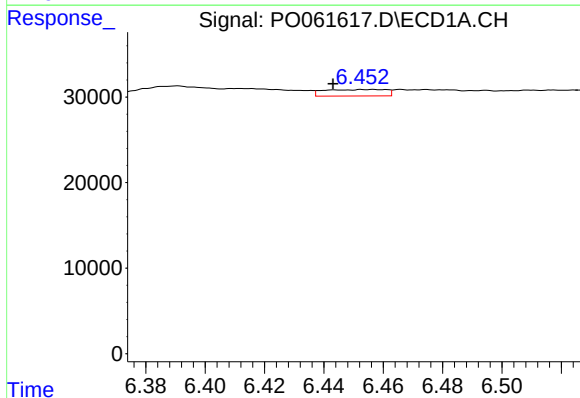
R.T.: 5.719 min
Delta R.T.: 0.009 min
Response: 4755
Conc: 4.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



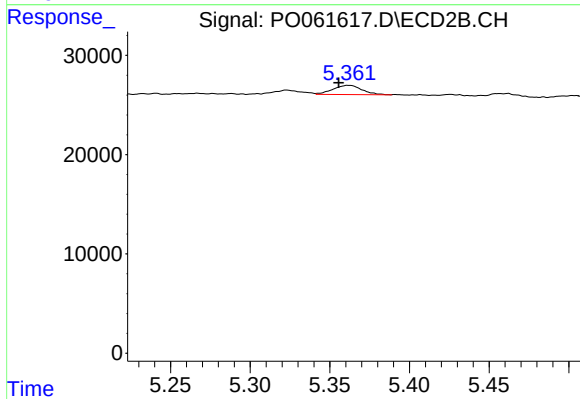
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



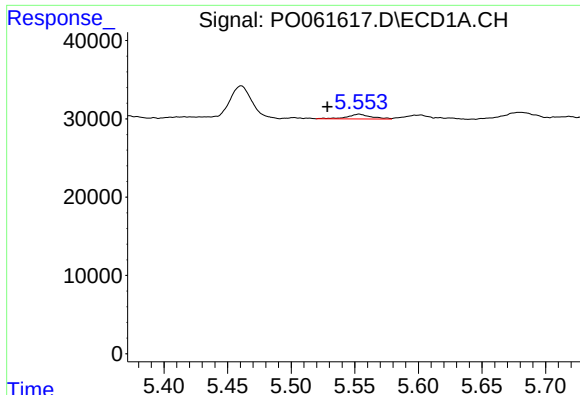
#20 AR-1242-5

R.T.: 6.457 min
Delta R.T.: 0.014 min
Response: 11073
Conc: 8.28 ng/ml



#20 AR-1242-5

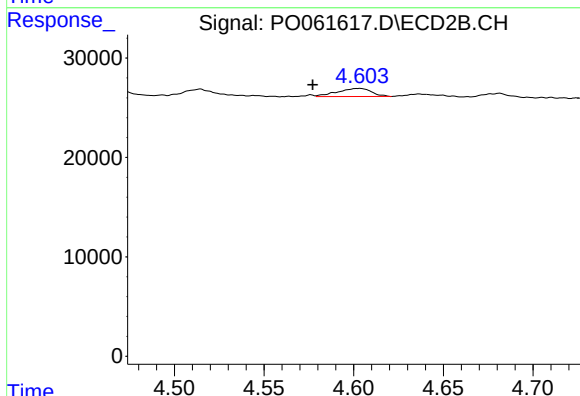
R.T.: 5.361 min
Delta R.T.: 0.006 min
Response: 11781
Conc: 11.00 ng/ml



#21 AR-1248-1

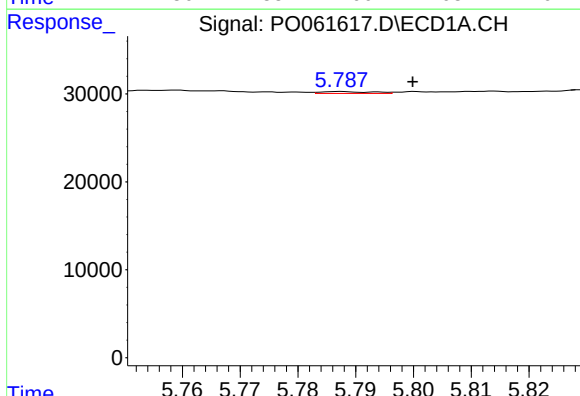
R.T.: 5.553 min
Delta R.T.: 0.025 min
Response: 7955
Conc: 6.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



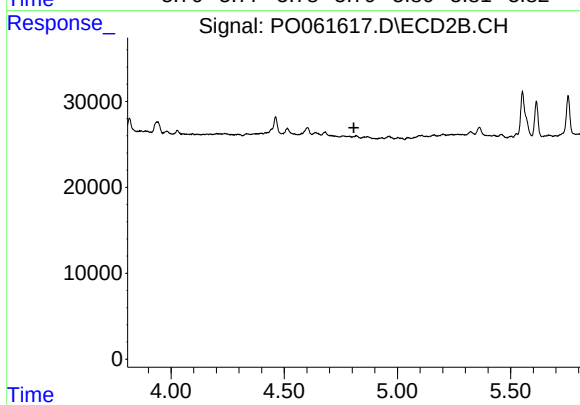
#21 AR-1248-1

R.T.: 4.604 min
Delta R.T.: 0.027 min
Response: 10784
Conc: 12.05 ng/ml



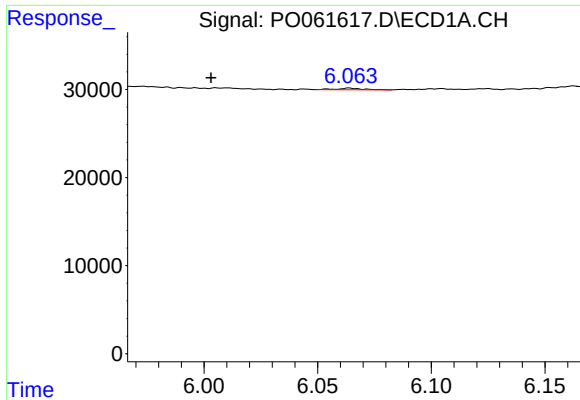
#22 AR-1248-2

R.T.: 5.787 min
Delta R.T.: -0.013 min
Response: 1352
Conc: 0.80 ng/ml



#22 AR-1248-2

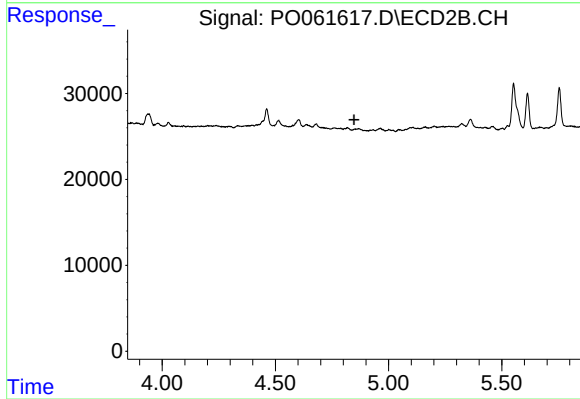
R.T.: 0.000 min
Exp R.T.: 4.808 min
Response: 0
Conc: N.D.



#23 AR-1248-3

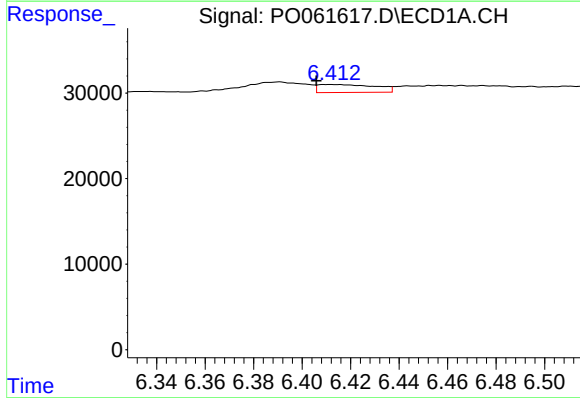
R.T.: 6.064 min
Delta R.T.: 0.061 min
Response: 1568
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



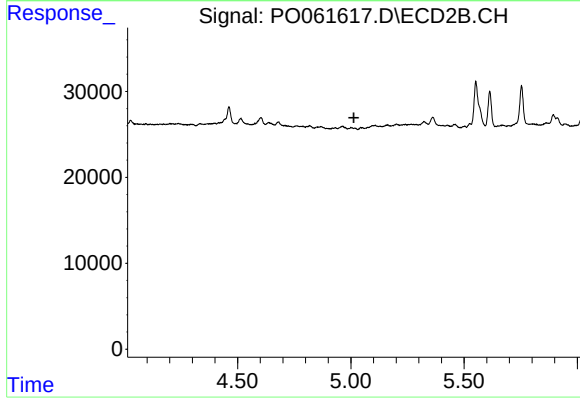
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



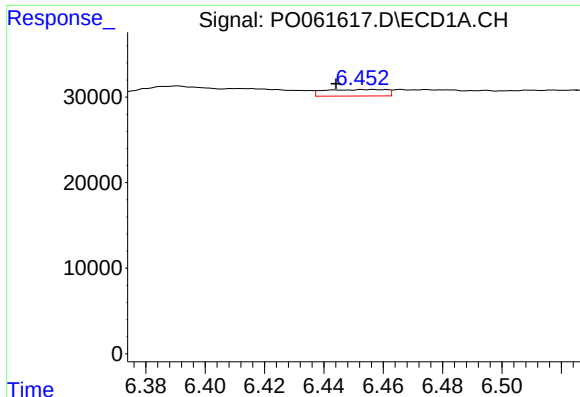
#24 AR-1248-4

R.T.: 6.411 min
Delta R.T.: 0.005 min
Response: 15299
Conc: 6.47 ng/ml



#24 AR-1248-4

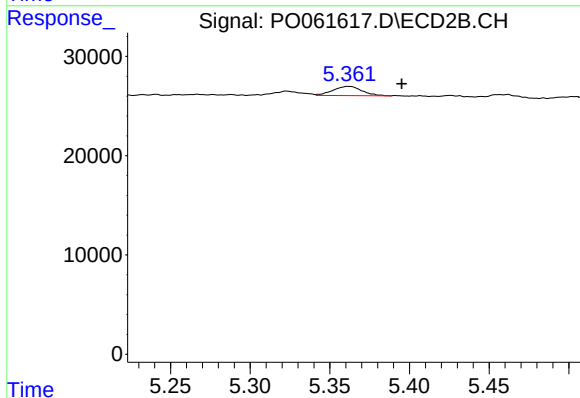
R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



#25 AR-1248-5

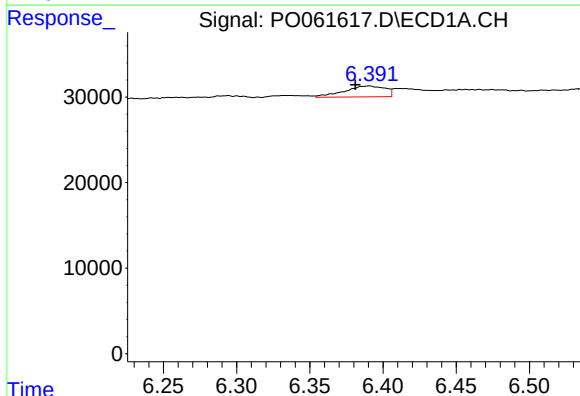
R.T.: 6.457 min
Delta R.T.: 0.013 min
Response: 11073
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



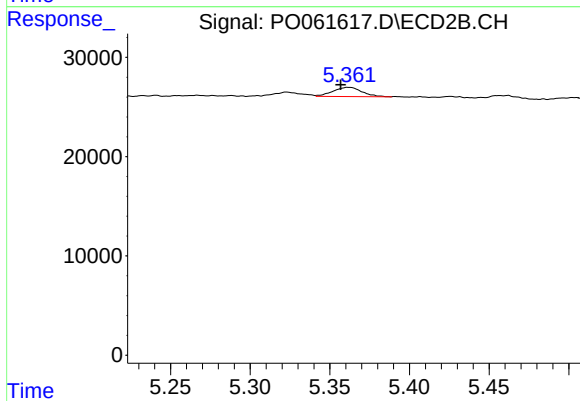
#25 AR-1248-5

R.T.: 5.361 min
Delta R.T.: -0.034 min
Response: 11781
Conc: 7.68 ng/ml



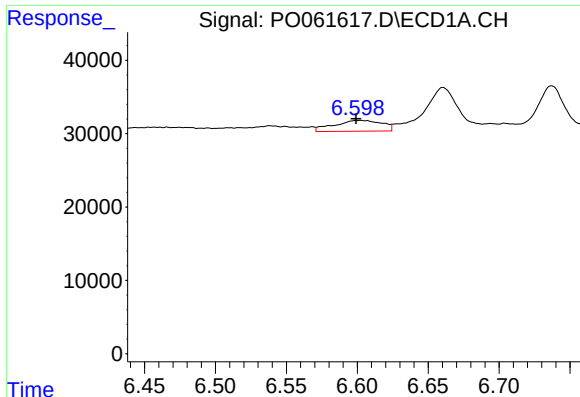
#26 AR-1254-1

R.T.: 6.390 min
Delta R.T.: 0.009 min
Response: 24667
Conc: 10.81 ng/ml



#26 AR-1254-1

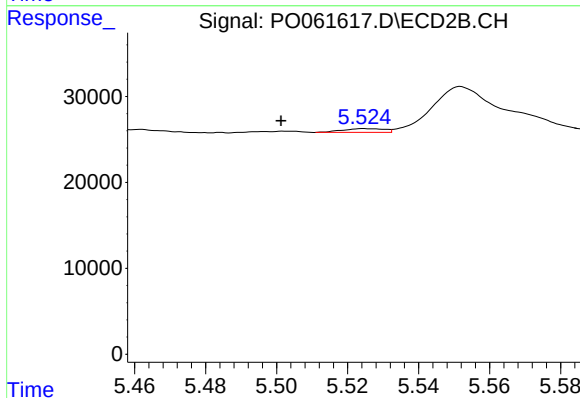
R.T.: 5.361 min
Delta R.T.: 0.004 min
Response: 11781
Conc: 5.37 ng/ml



#27 AR-1254-2

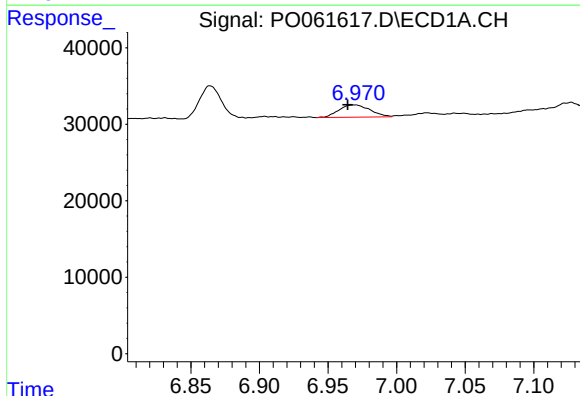
R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 34687
Conc: 9.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



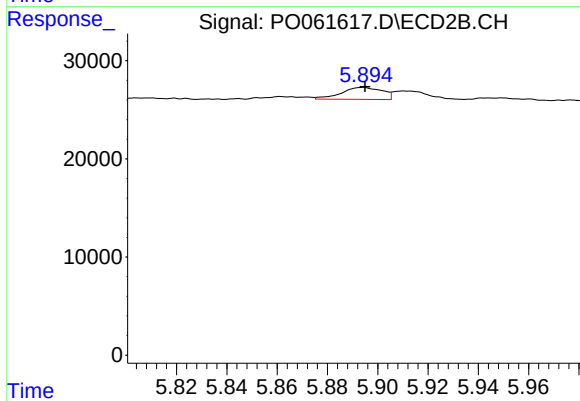
#27 AR-1254-2

R.T.: 5.524 min
Delta R.T.: 0.023 min
Response: 3546
Conc: 1.81 ng/ml



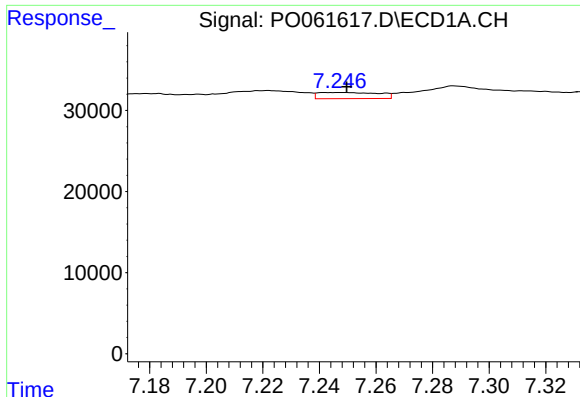
#28 AR-1254-3

R.T.: 6.969 min
Delta R.T.: 0.005 min
Response: 25469
Conc: 6.52 ng/ml



#28 AR-1254-3

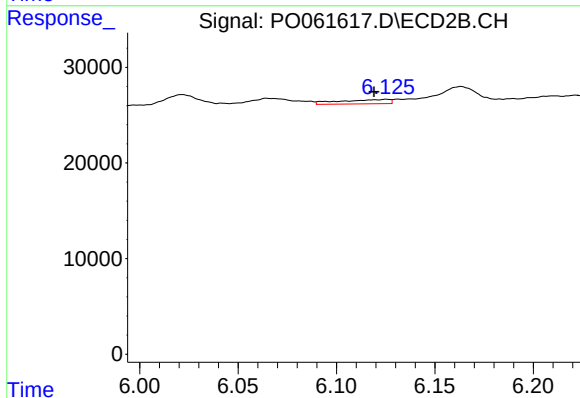
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 13832
Conc: 4.34 ng/ml



#29 AR-1254-4

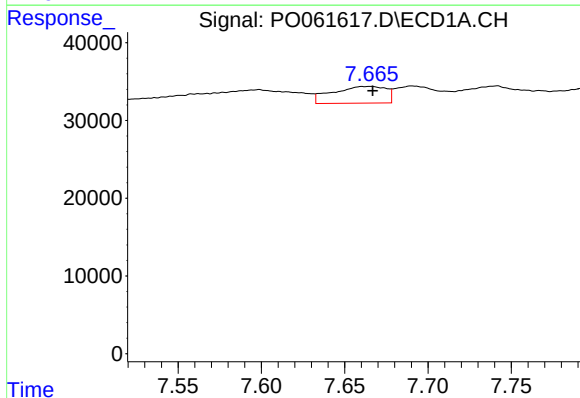
R.T.: 7.248 min
Delta R.T.: -0.002 min
Response: 11372
Conc: 3.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



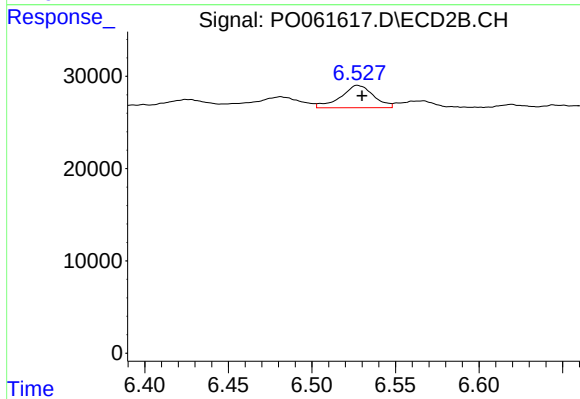
#29 AR-1254-4

R.T.: 6.125 min
Delta R.T.: 0.006 min
Response: 7896
Conc: 3.89 ng/ml



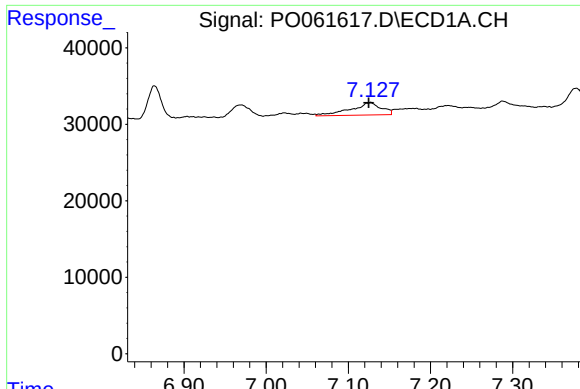
#30 AR-1254-5

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 48026
Conc: 15.29 ng/ml



#30 AR-1254-5

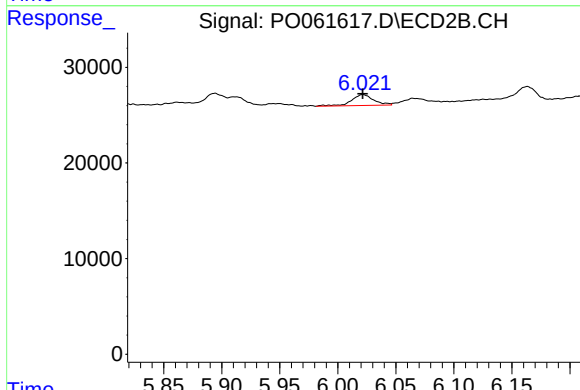
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 33013
Conc: 11.67 ng/ml



#31 AR-1260-1

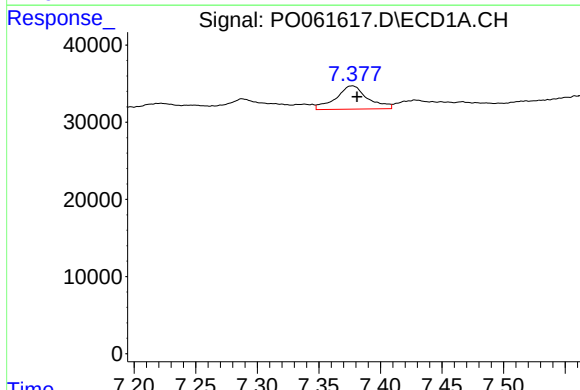
R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 42260
Conc: 16.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



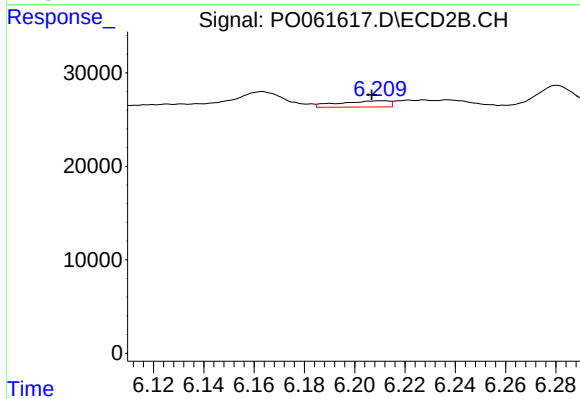
#31 AR-1260-1

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 15284
Conc: 7.49 ng/ml



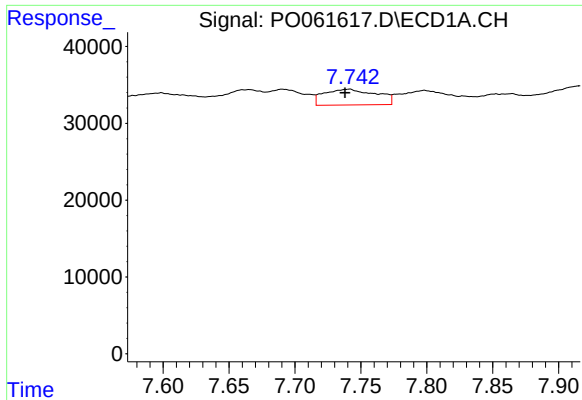
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.004 min
Response: 54271
Conc: 17.02 ng/ml



#32 AR-1260-2

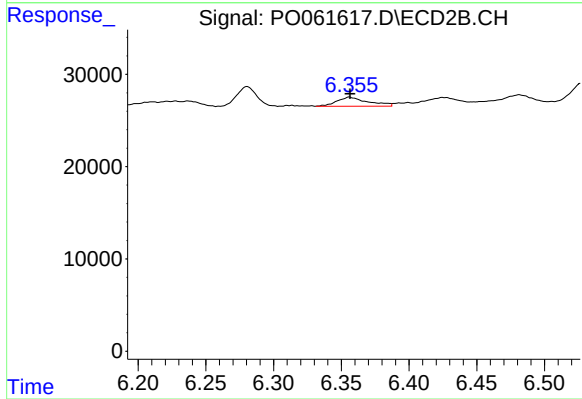
R.T.: 6.211 min
Delta R.T.: 0.005 min
Response: 9181
Conc: 3.82 ng/ml



#33 AR-1260-3

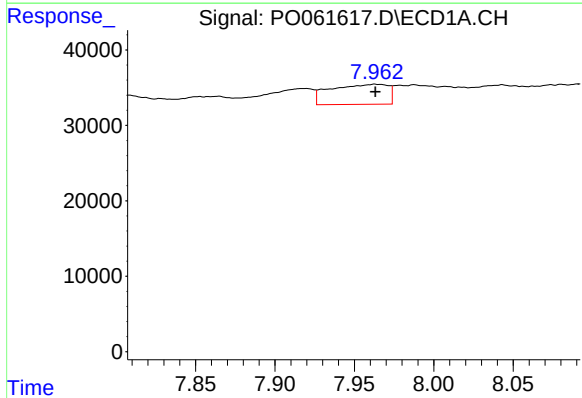
R.T.: 7.741 min
Delta R.T.: 0.003 min
Response: 56705
Conc: 23.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



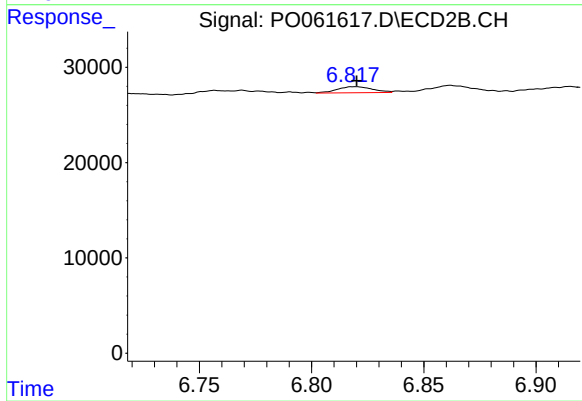
#33 AR-1260-3

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 15743
Conc: 6.99 ng/ml



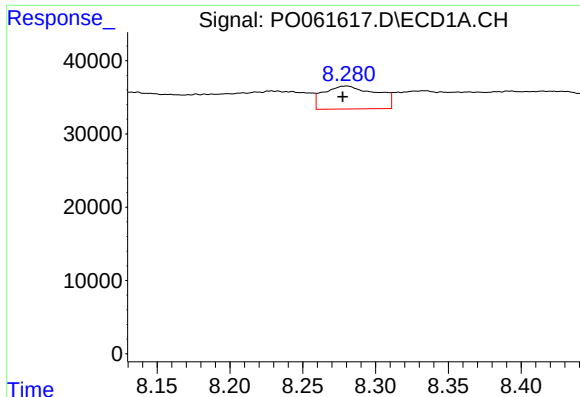
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 67222
Conc: 25.16 ng/ml



#34 AR-1260-4

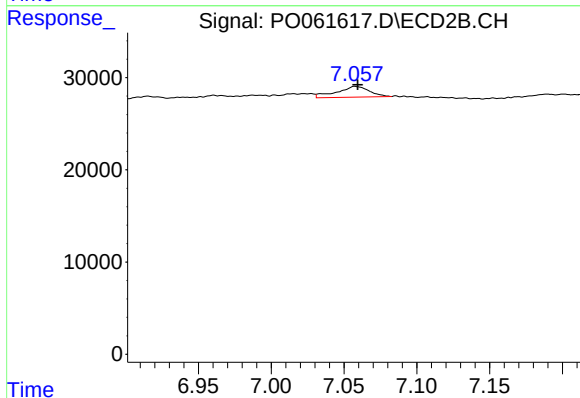
R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 6865
Conc: 3.72 ng/ml



#35 AR-1260-5

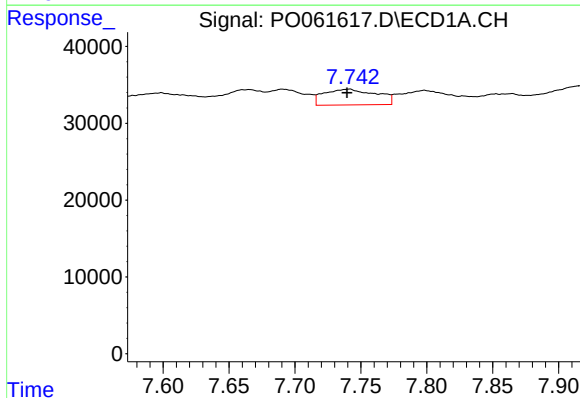
R.T.: 8.280 min
Delta R.T.: 0.003 min
Response: 78954
Conc: 15.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



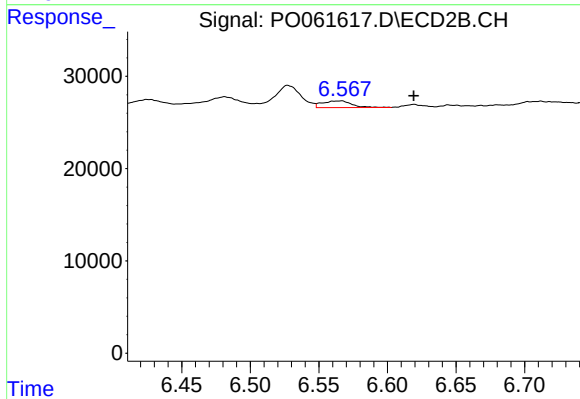
#35 AR-1260-5

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 18238
Conc: 4.68 ng/ml



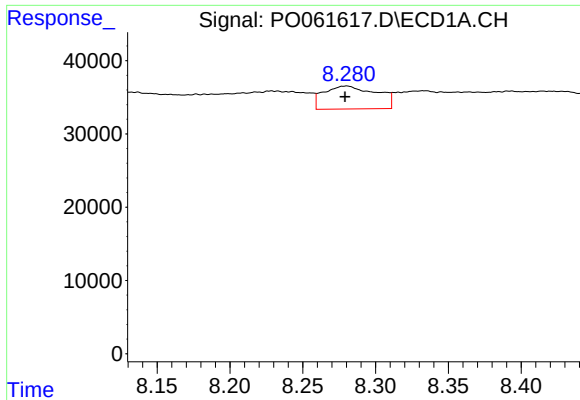
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.001 min
Response: 56705
Conc: 14.80 ng/ml



#36 AR-1262-1

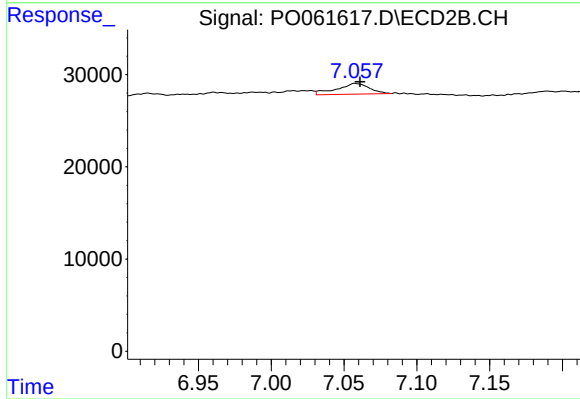
R.T.: 6.567 min
Delta R.T.: -0.052 min
Response: 10738
Conc: 8.80 ng/ml



#37 AR-1262-2

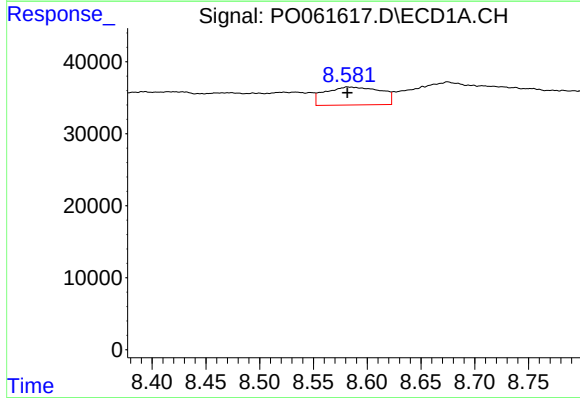
R.T.: 8.280 min
Delta R.T.: 0.001 min
Response: 78954
Conc: 12.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



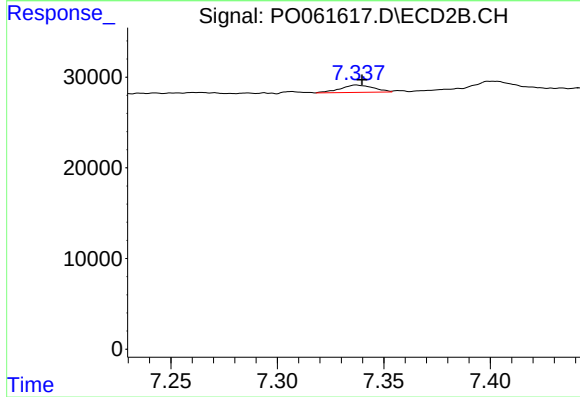
#37 AR-1262-2

R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 18238
Conc: 3.97 ng/ml



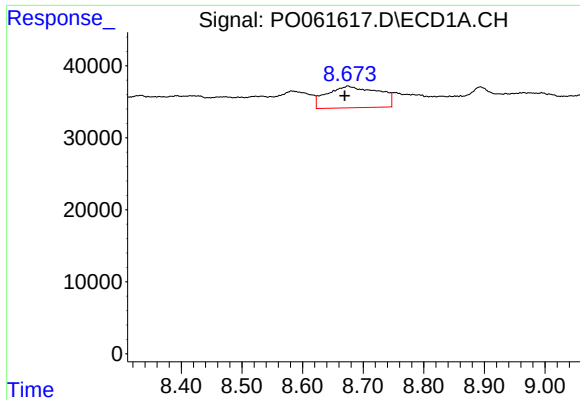
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 90101
Conc: 21.68 ng/ml



#38 AR-1262-3

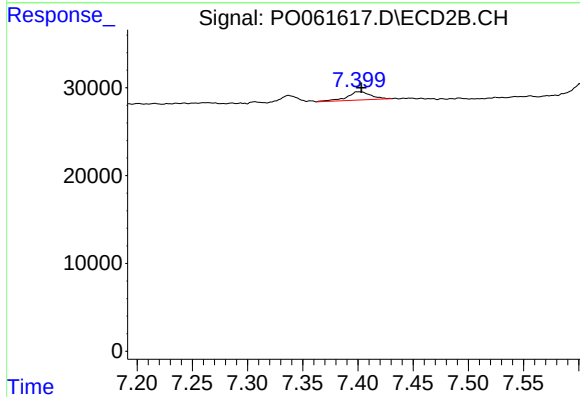
R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 8670
Conc: 4.60 ng/ml



#39 AR-1262-4

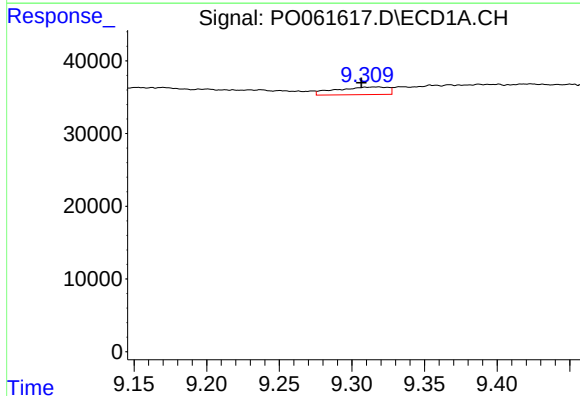
R.T.: 8.675 min
Delta R.T.: 0.005 min
Response: 176933
Conc: 56.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



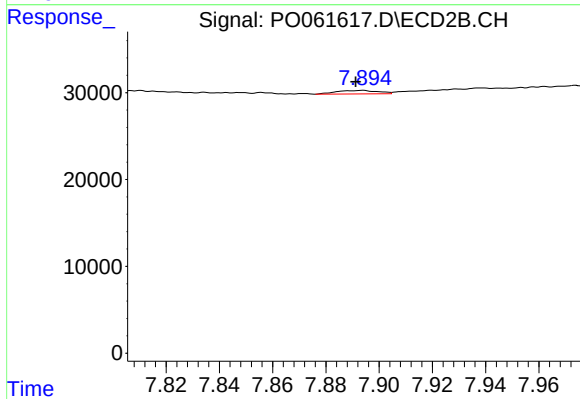
#39 AR-1262-4

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 14275
Conc: 4.25 ng/ml



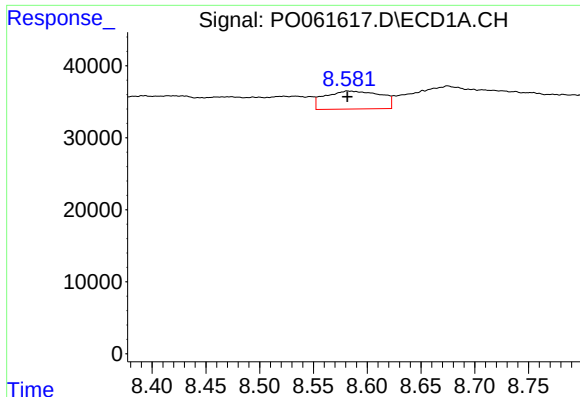
#40 AR-1262-5

R.T.: 9.317 min
Delta R.T.: 0.011 min
Response: 25960
Conc: 12.77 ng/ml



#40 AR-1262-5

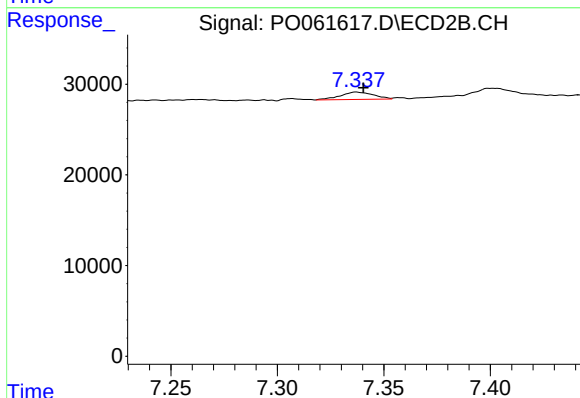
R.T.: 7.894 min
Delta R.T.: 0.003 min
Response: 4456
Conc: 2.94 ng/ml



#41 AR-1268-1

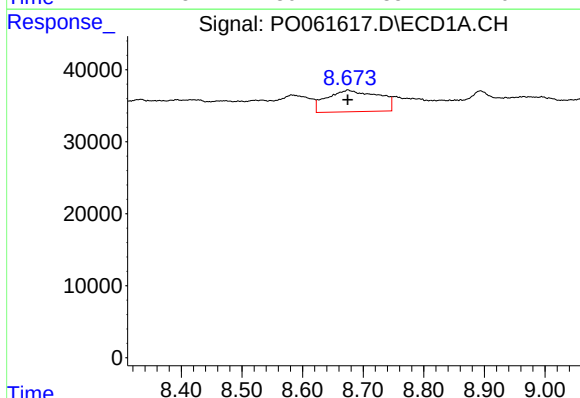
R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 90101
Conc: 13.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



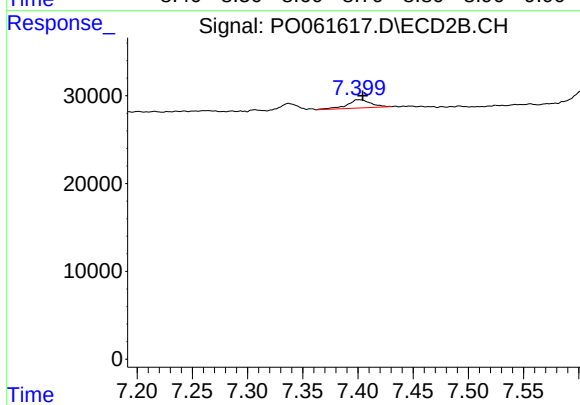
#41 AR-1268-1

R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 8670
Conc: 1.80 ng/ml



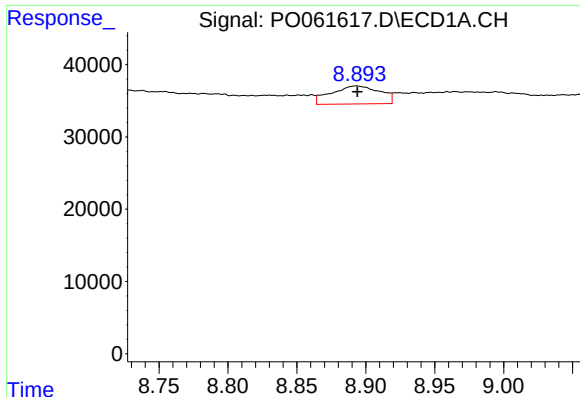
#42 AR-1268-2

R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 176933
Conc: 28.57 ng/ml



#42 AR-1268-2

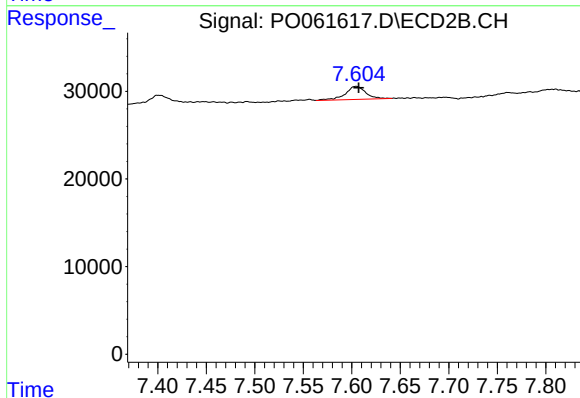
R.T.: 7.400 min
Delta R.T.: -0.005 min
Response: 14275
Conc: 3.31 ng/ml



#43 AR-1268-3

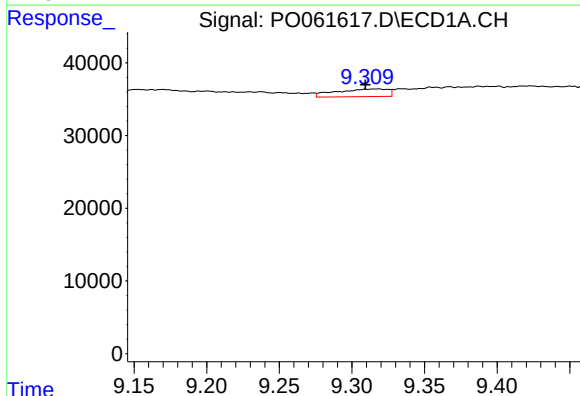
R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 61185
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



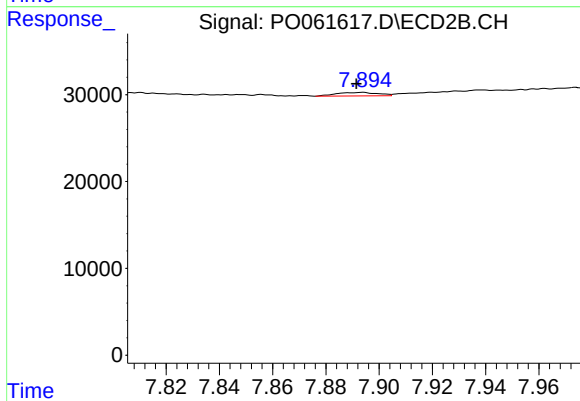
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 21708
Conc: 6.06 ng/ml



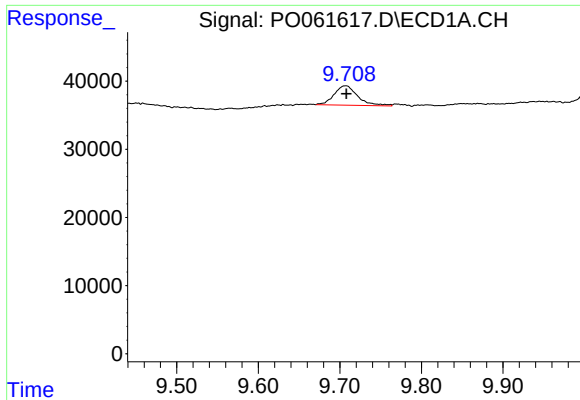
#44 AR-1268-4

R.T.: 9.317 min
Delta R.T.: 0.008 min
Response: 25960
Conc: 11.87 ng/ml



#44 AR-1268-4

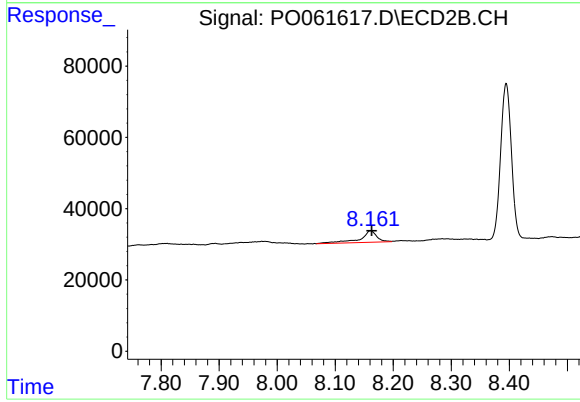
R.T.: 7.894 min
Delta R.T.: 0.003 min
Response: 4456
Conc: 2.77 ng/ml



#45 AR-1268-5

R.T.: 9.707 min
Delta R.T.: 0.000 min
Response: 57577
Conc: 3.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.161 min
Delta R.T.: -0.002 min
Response: 64901
Conc: 6.45 ng/ml