

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081618\
 Data File : P0048211.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Aug 2018 10:58
 Operator : SM/SJ
 Sample : J4500-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-12

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 14:10:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 27 02:33:29 2018
 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...	4.389	3.632	4659126	5368941	23.077	21.850
2) SA Decachlor...	10.074	8.614	2827615	2501844	17.337	15.916
Target Compounds						
3) L1 AR-1016-1	5.291	4.520	599244	631213	125.457	110.409
4) L1 AR-1016-2	5.647	4.907	55070	142652	9.354	27.169 #
5) L1 AR-1016-3	5.779	4.949	97762	163419	19.713	37.218 #
6) L1 AR-1016-4	6.034	5.014	238993	229579	51.381	44.274
7) L1 AR-1016-5	6.173	5.195	229903	73473	44.102	12.526 #
8) L2 AR-1221-1	4.558	3.879	98390	20735	44.490	8.787 #
9) L2 AR-1221-2	4.695	3.931	165319	200752	101.100	110.664
10) L2 AR-1221-3	4.763	4.050	235275	941133	45.571	162.809 #
11) L3 AR-1232-1	5.087	4.342	212780	955784	98.943	406.417 #
12) L3 AR-1232-2	5.557	4.742	63259	775631	21.499	253.815 #
13) L3 AR-1232-3	5.580	4.742	133798	775631	31.143	167.965 #
14) L3 AR-1232-4	5.647	4.819	55070	238635	19.896	77.194 #
15) L3 AR-1232-5	5.779	4.949	97762	163419	43.778	91.310 #
16) L4 AR-1242-1	5.580	4.742	133798	775631	18.204	96.854 #
17) L4 AR-1242-2	5.647	4.907	55070	142652	11.898	34.627 #
18) L4 AR-1242-3	5.779	5.014	97762	229579	25.445	54.742 #
19) L4 AR-1242-4	6.034	5.195	238993	73473	62.169	15.559 #
20) L4 AR-1242-5	6.173	5.309	229903	68998	53.708	17.821 #
21) L5 AR-1248-1	6.034	5.195	238993	73473	38.220	9.849 #
22) L5 AR-1248-2	6.173	5.309	229903	68998	42.203	12.897 #
23) L5 AR-1248-3	6.456	5.517	150644	1127194	21.406	113.281 #
24) L5 AR-1248-4	6.497	5.585	125604	140700	18.710	20.077
25) L5 AR-1248-5	6.632	6.060	605025	1633872	85.484	342.835 #
26) L6 AR-1254-1	6.632	5.517	605025	1127194	49.475	91.604 #
27) L6 AR-1254-2	6.936	5.658	134644	204698	18.054	19.664
28) L6 AR-1254-3	6.995	6.060	727954	1633872	55.819	94.142 #
29) L6 AR-1254-4	7.276	6.287	264824	356032	27.171	32.858
30) L6 AR-1254-5	7.542	6.602	302115	215995	40.894	28.243 #
31) L7 AR-1260-1	7.153	6.189	561349	785039	59.864	71.044
32) L7 AR-1260-2	7.407	6.411	731204	346771	65.572	25.863 #
33) L7 AR-1260-3	7.694	6.739	715904	319269	55.643	21.961 #
34) L7 AR-1260-4	8.307	7.239	464149	693110	26.094	31.500
35) L7 AR-1260-5	8.626	7.585	188492	480344	16.506	30.792 #
36) L8 AR-1262-1	7.153	6.411	561349	346771	67.759	30.585 #
37) L8 AR-1262-2	7.407	6.529	731204	359201	75.447	31.831 #
38) L8 AR-1262-3	7.766	6.739	234202	319269	19.084	21.155

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0081618\
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 Acq On : 17 Aug 2018 10:58
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 Sample : J4500-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

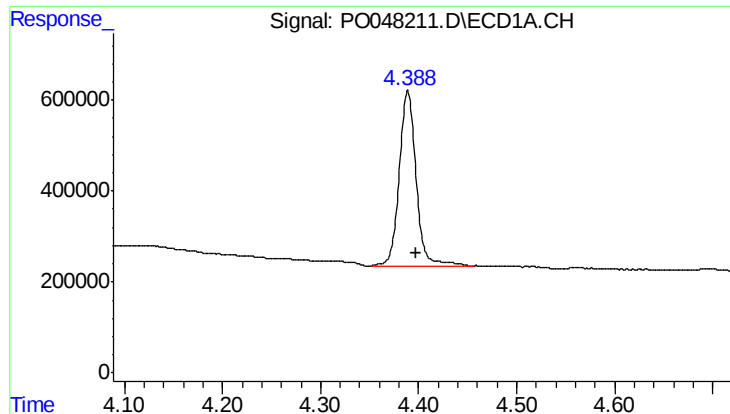
Instrument :
 ECD_O
 ClientSampleId :
 TP-12

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 14:10:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072718.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
39)	L8 AR-1262-4	7.989	6.998	264697	252038	22.478	19.140
40)	L8 AR-1262-5	8.307	7.239	464149	693110	21.603	26.835
41)	L9 AR-1268-1	8.626	7.521	188492	149365	8.121	5.745 #
42)	L9 AR-1268-2	8.701	7.585	388907	480344	18.151	19.281
43)	L9 AR-1268-3	8.925	7.841	61681	44771	3.417	2.269 #
44)	L9 AR-1268-4	9.344	8.124	233124	10901	29.236	1.299 #
45)	L9 AR-1268-5	9.746	8.408	370820	2549	6.806	0.047 #

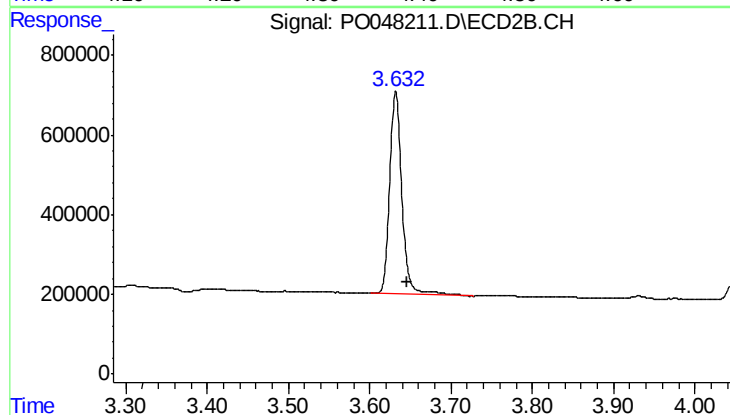
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

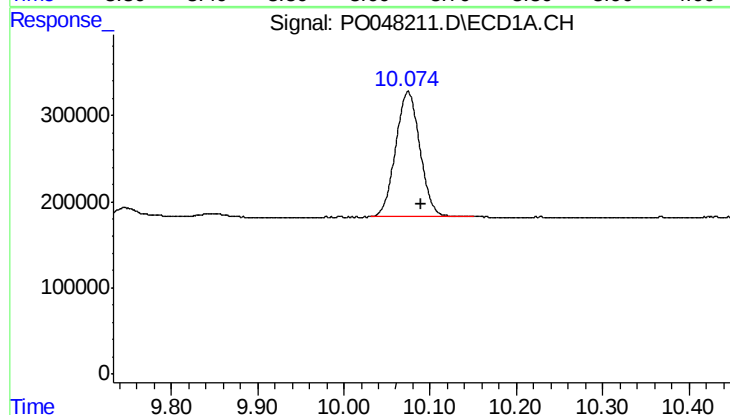
R.T.: 4.389 min
Delta R.T.: -0.008 min
Response: 4659126
Conc: 23.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



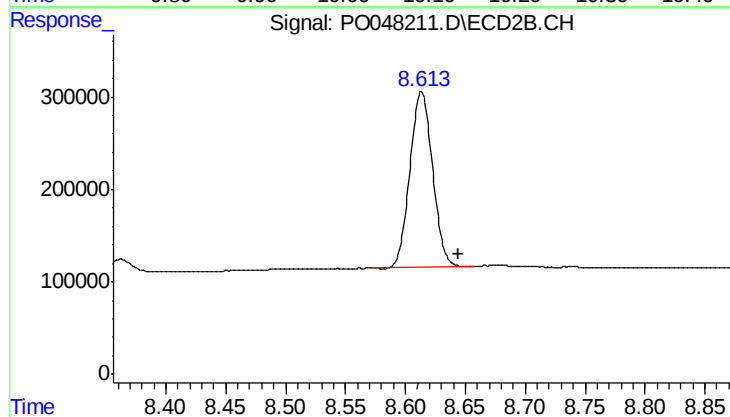
#1 Tetrachloro-m-xylene

R.T.: 3.632 min
Delta R.T.: -0.013 min
Response: 5368941
Conc: 21.85 ng/ml



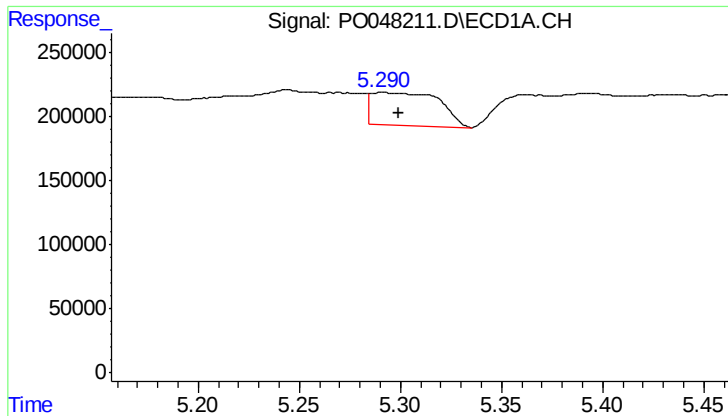
#2 Decachlorobiphenyl

R.T.: 10.074 min
Delta R.T.: -0.015 min
Response: 2827615
Conc: 17.34 ng/ml



#2 Decachlorobiphenyl

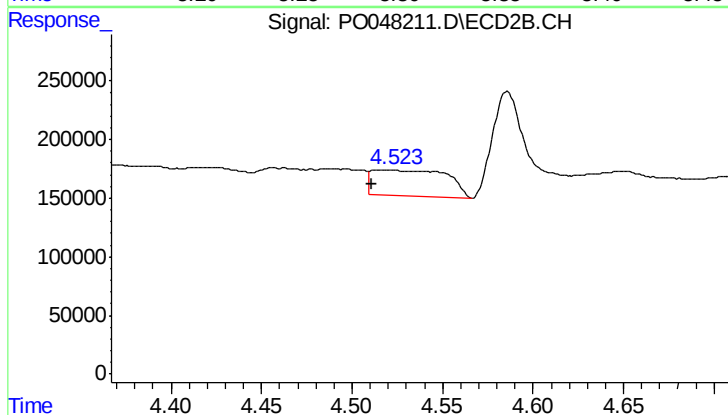
R.T.: 8.614 min
Delta R.T.: -0.031 min
Response: 2501844
Conc: 15.92 ng/ml



#3 AR-1016-1

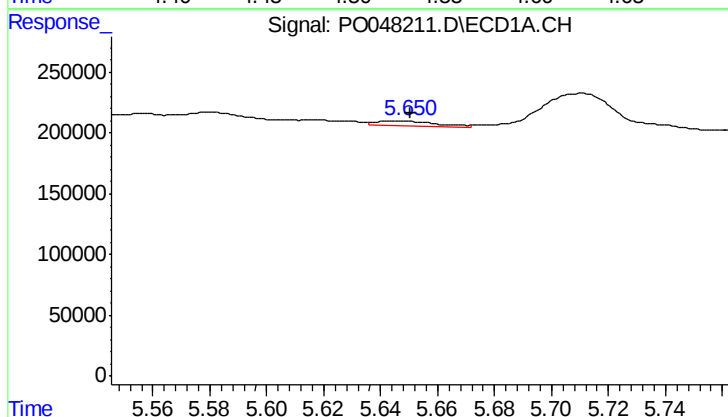
R.T.: 5.291 min
Delta R.T.: -0.009 min
Response: 599244
Conc: 125.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



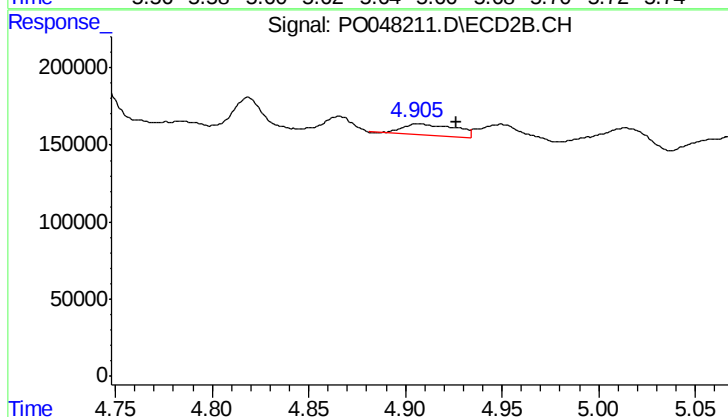
#3 AR-1016-1

R.T.: 4.520 min
Delta R.T.: 0.009 min
Response: 631213
Conc: 110.41 ng/ml



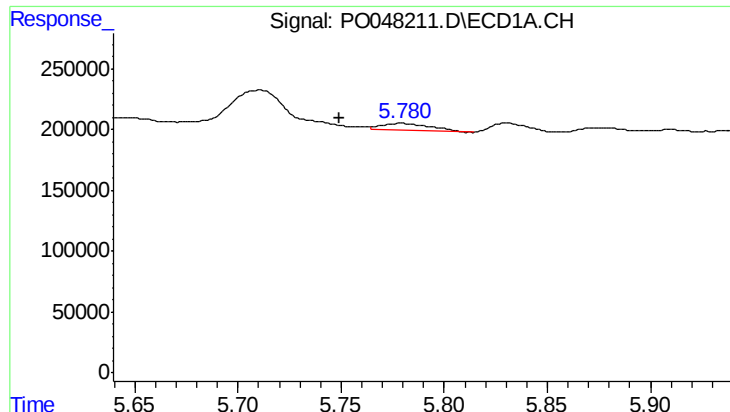
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 55070
Conc: 9.35 ng/ml



#4 AR-1016-2

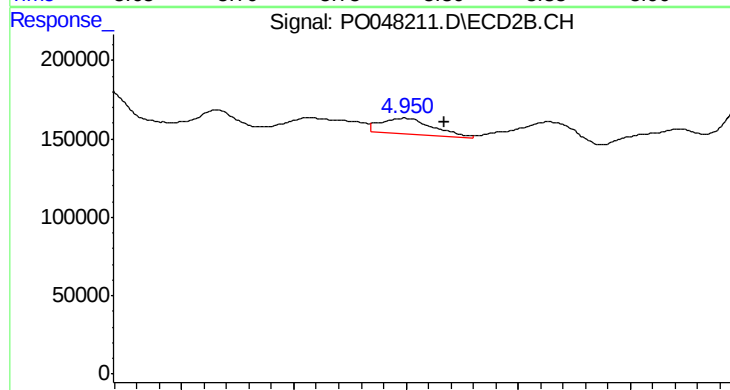
R.T.: 4.907 min
Delta R.T.: -0.019 min
Response: 142652
Conc: 27.17 ng/ml



#5 AR-1016-3

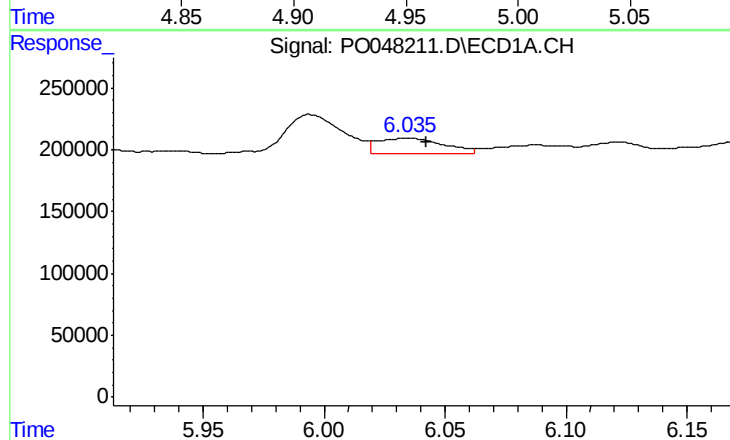
R.T.: 5.779 min
Delta R.T.: 0.030 min
Response: 97762
Conc: 19.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



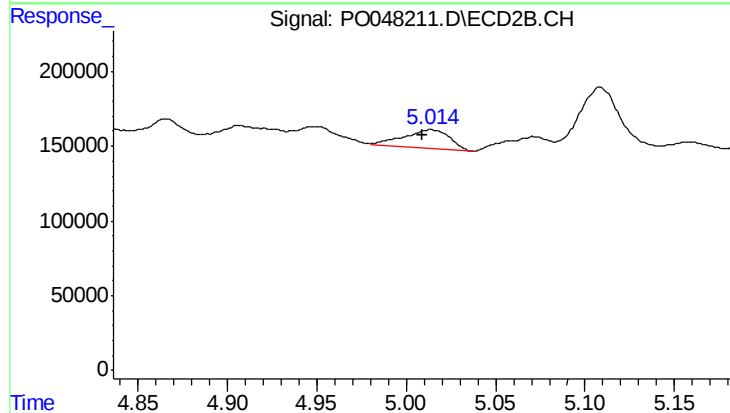
#5 AR-1016-3

R.T.: 4.949 min
Delta R.T.: -0.018 min
Response: 163419
Conc: 37.22 ng/ml



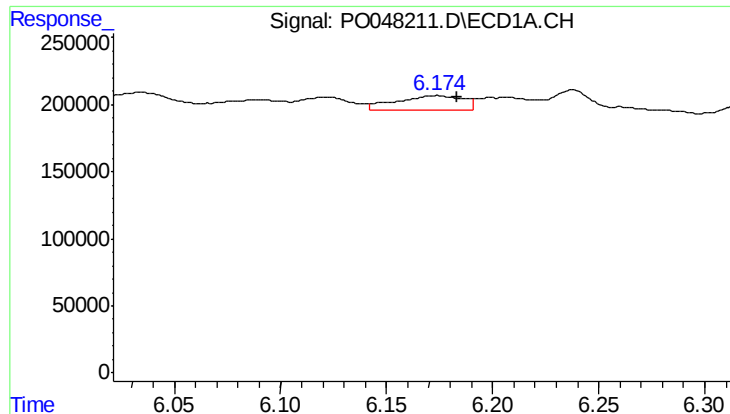
#6 AR-1016-4

R.T.: 6.034 min
Delta R.T.: -0.008 min
Response: 238993
Conc: 51.38 ng/ml



#6 AR-1016-4

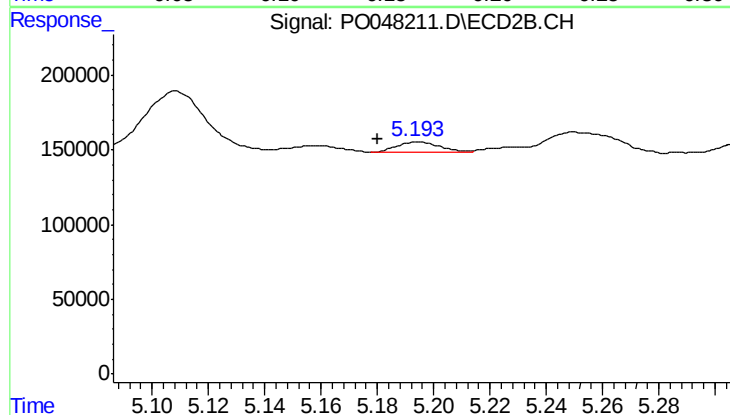
R.T.: 5.014 min
Delta R.T.: 0.005 min
Response: 229579
Conc: 44.27 ng/ml



#7 AR-1016-5

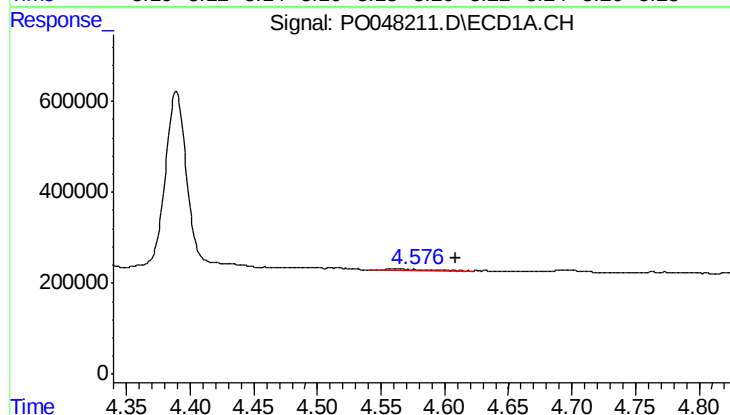
R.T.: 6.173 min
Delta R.T.: -0.011 min
Response: 229903
Conc: 44.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



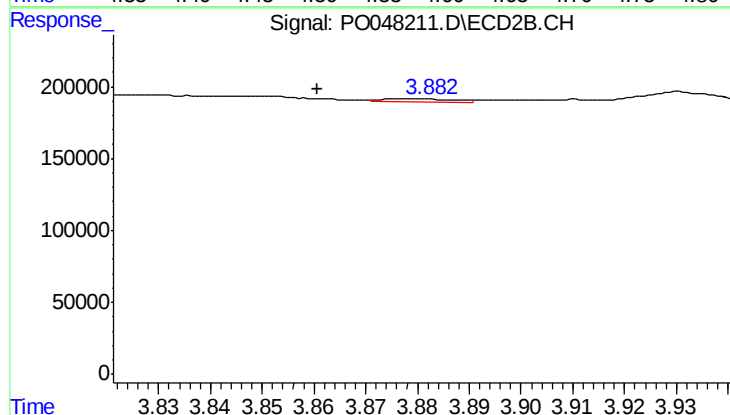
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: 0.014 min
Response: 73473
Conc: 12.53 ng/ml



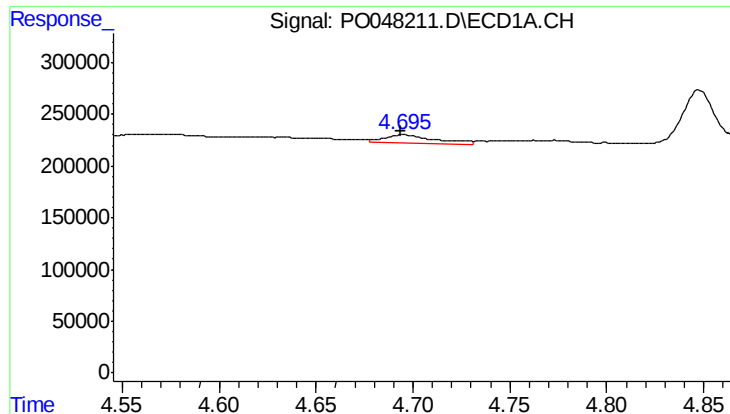
#8 AR-1221-1

R.T.: 4.558 min
Delta R.T.: -0.051 min
Response: 98390
Conc: 44.49 ng/ml



#8 AR-1221-1

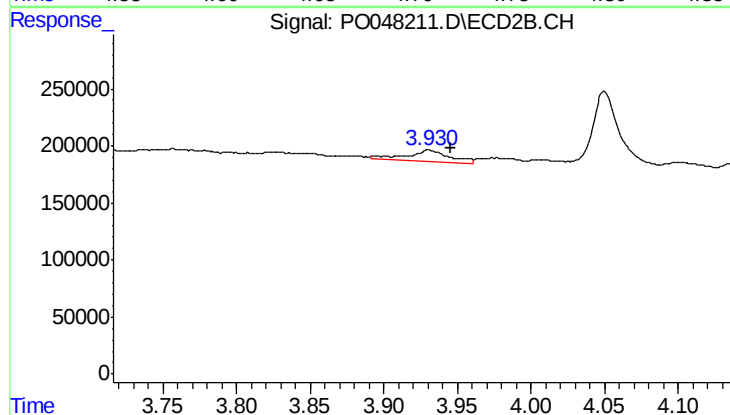
R.T.: 3.879 min
Delta R.T.: 0.018 min
Response: 20735
Conc: 8.79 ng/ml



#9 AR-1221-2

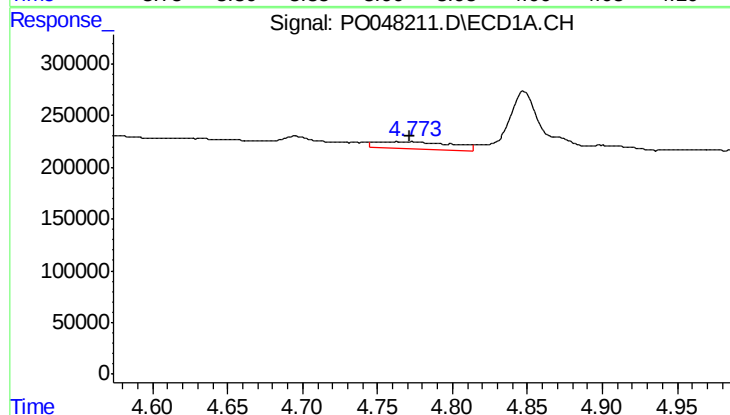
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 165319
Conc: 101.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



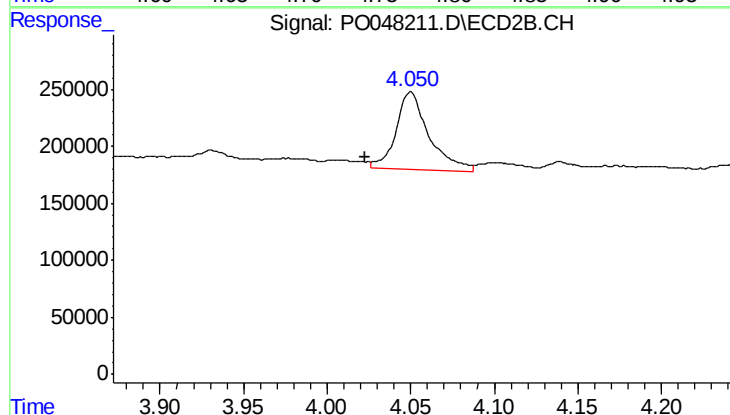
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: -0.015 min
Response: 200752
Conc: 110.66 ng/ml



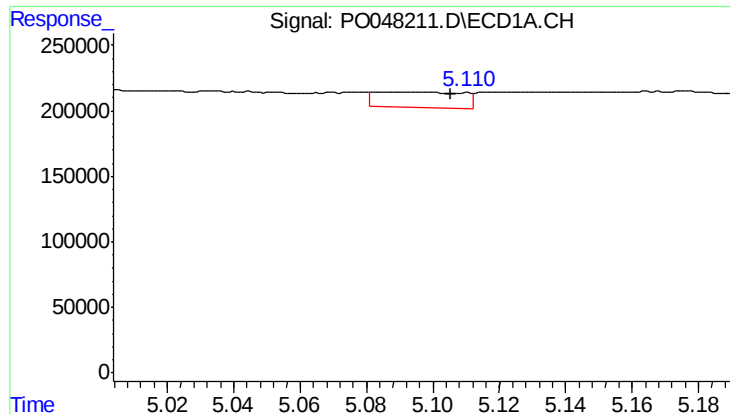
#10 AR-1221-3

R.T.: 4.763 min
Delta R.T.: -0.008 min
Response: 235275
Conc: 45.57 ng/ml



#10 AR-1221-3

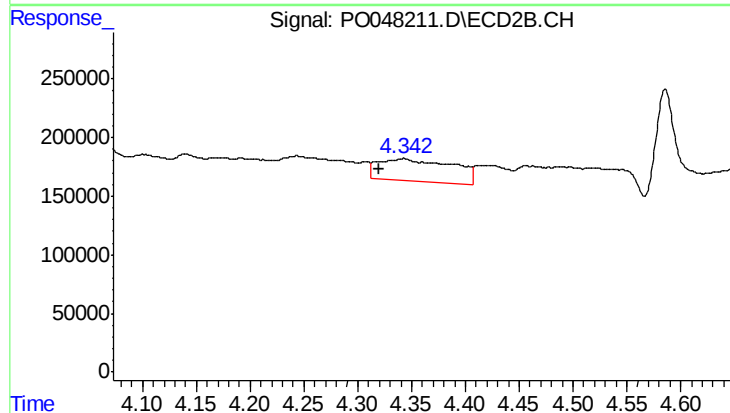
R.T.: 4.050 min
Delta R.T.: 0.028 min
Response: 941133
Conc: 162.81 ng/ml



#11 AR-1232-1

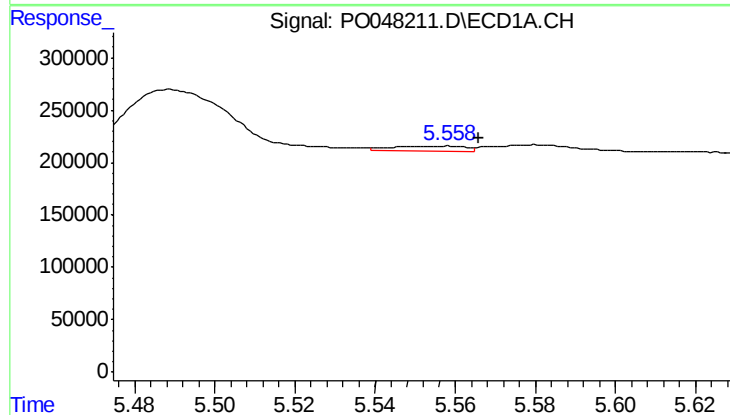
R.T.: 5.087 min
Delta R.T.: -0.018 min
Response: 212780
Conc: 98.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



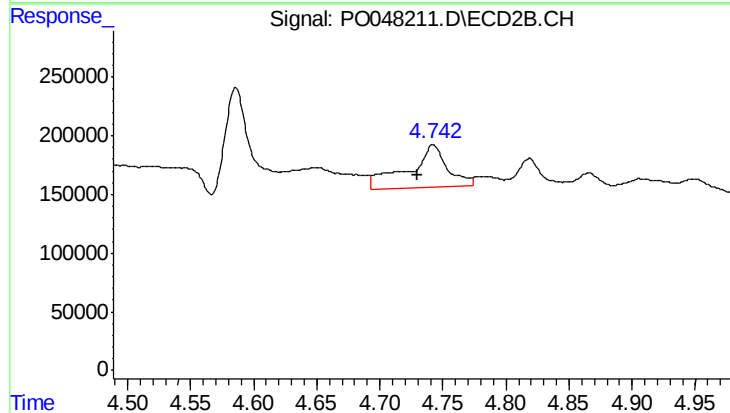
#11 AR-1232-1

R.T.: 4.342 min
Delta R.T.: 0.022 min
Response: 955784
Conc: 406.42 ng/ml



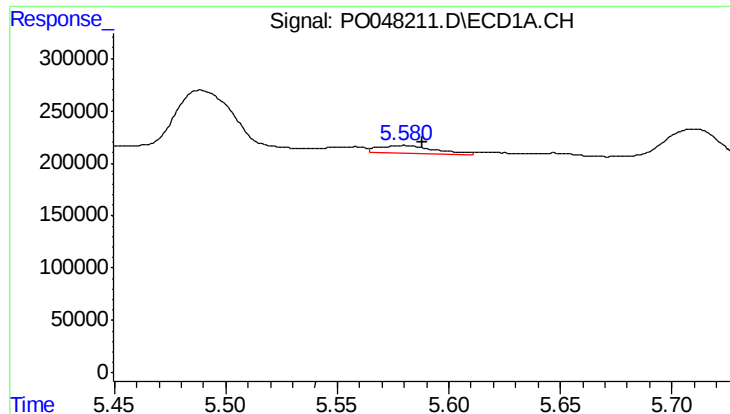
#12 AR-1232-2

R.T.: 5.557 min
Delta R.T.: -0.008 min
Response: 63259
Conc: 21.50 ng/ml



#12 AR-1232-2

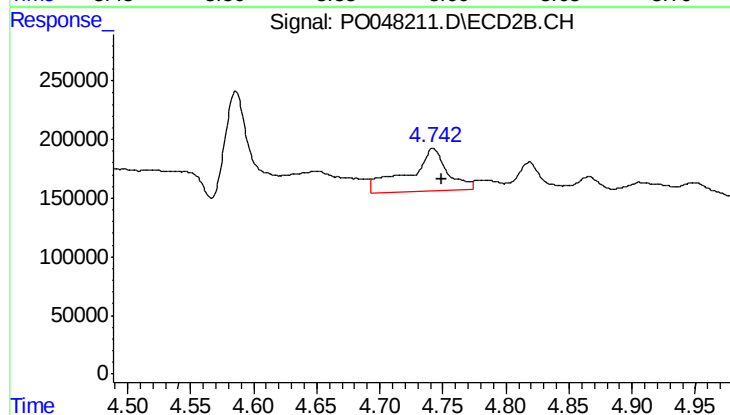
R.T.: 4.742 min
Delta R.T.: 0.013 min
Response: 775631
Conc: 253.82 ng/ml



#13 AR-1232-3

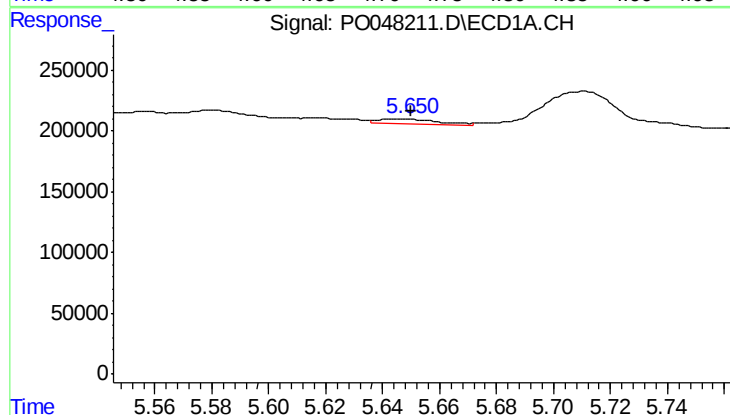
R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 133798
Conc: 31.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



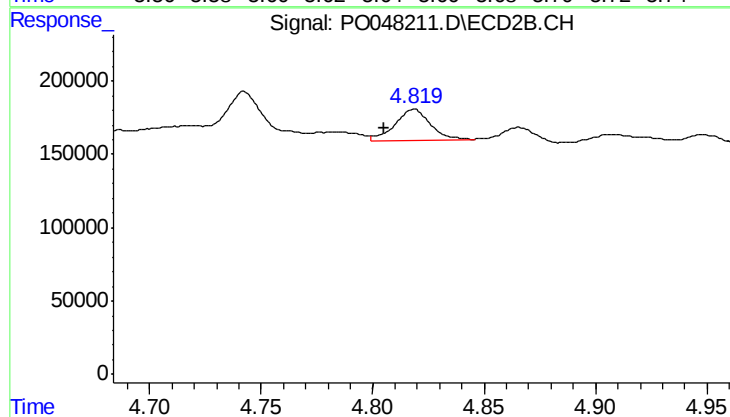
#13 AR-1232-3

R.T.: 4.742 min
Delta R.T.: -0.007 min
Response: 775631
Conc: 167.97 ng/ml



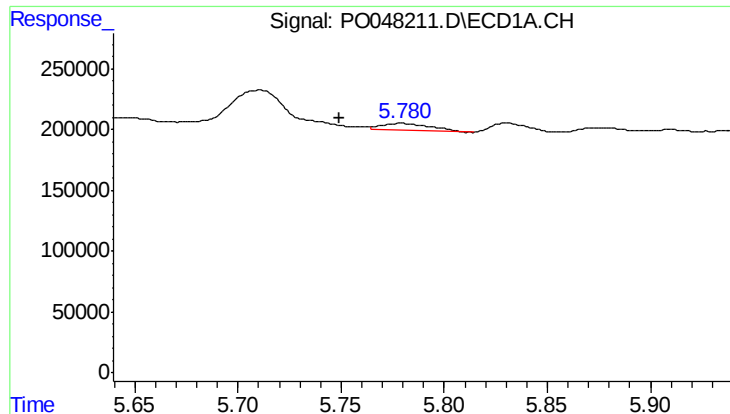
#14 AR-1232-4

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 55070
Conc: 19.90 ng/ml



#14 AR-1232-4

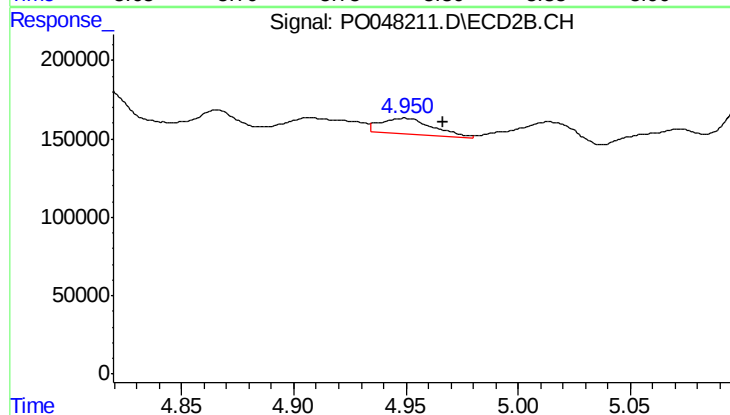
R.T.: 4.819 min
Delta R.T.: 0.013 min
Response: 238635
Conc: 77.19 ng/ml



#15 AR-1232-5

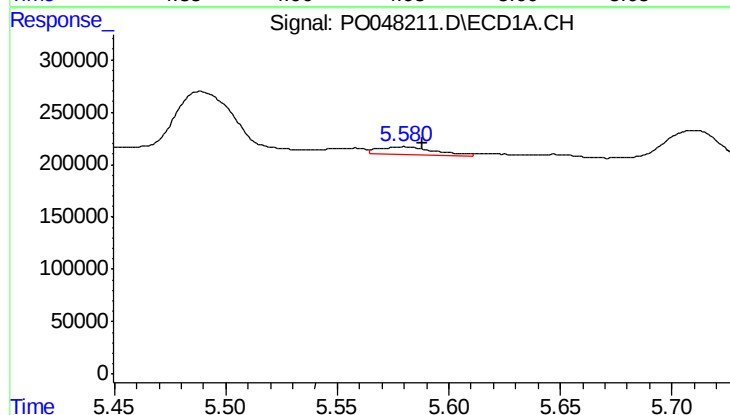
R.T.: 5.779 min
Delta R.T.: 0.030 min
Response: 97762
Conc: 43.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



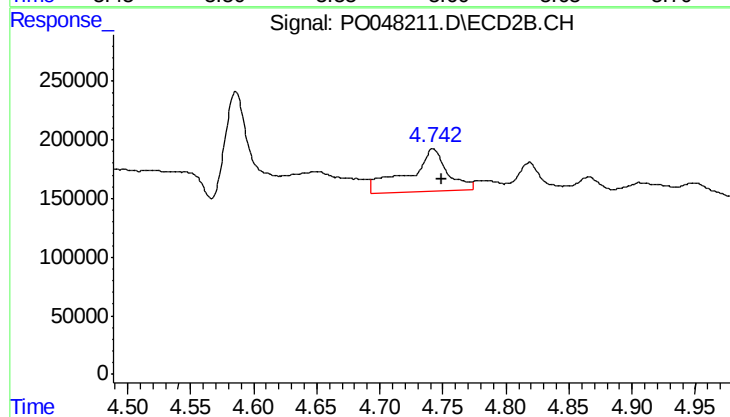
#15 AR-1232-5

R.T.: 4.949 min
Delta R.T.: -0.018 min
Response: 163419
Conc: 91.31 ng/ml



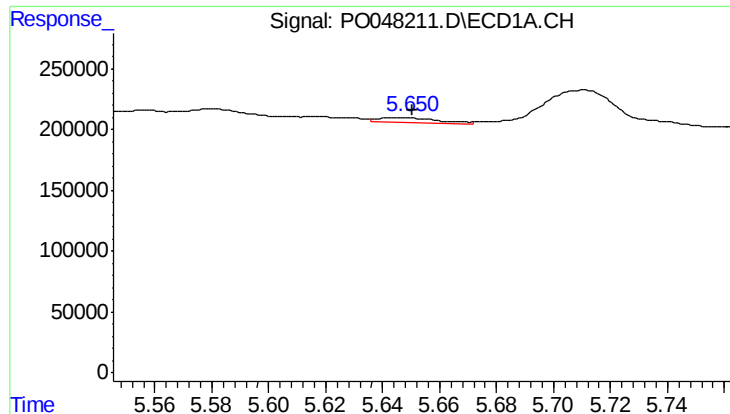
#16 AR-1242-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 133798
Conc: 18.20 ng/ml



#16 AR-1242-1

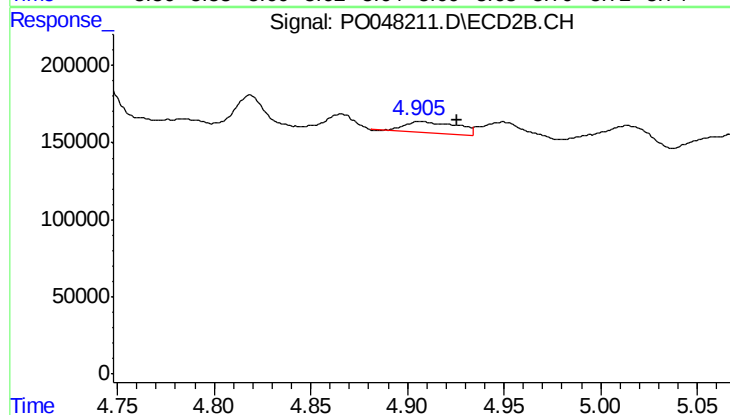
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 775631
Conc: 96.85 ng/ml



#17 AR-1242-2

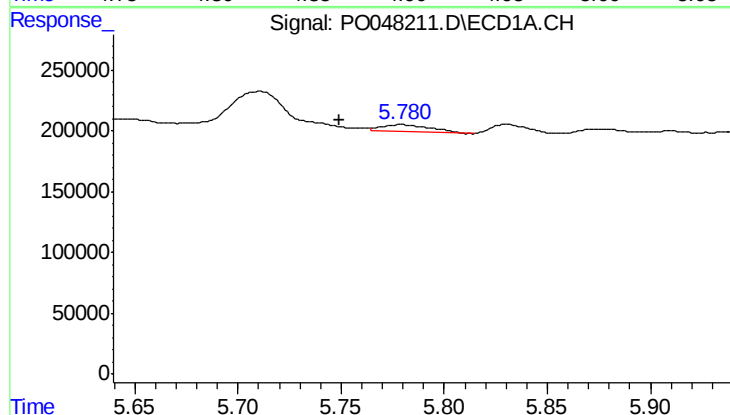
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 55070
Conc: 11.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



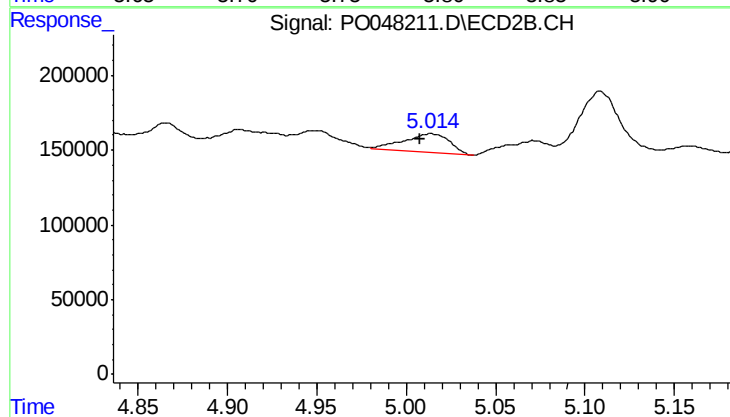
#17 AR-1242-2

R.T.: 4.907 min
Delta R.T.: -0.018 min
Response: 142652
Conc: 34.63 ng/ml



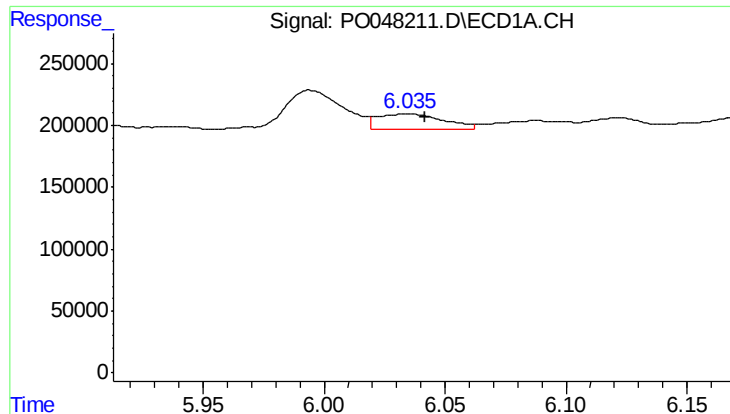
#18 AR-1242-3

R.T.: 5.779 min
Delta R.T.: 0.030 min
Response: 97762
Conc: 25.45 ng/ml



#18 AR-1242-3

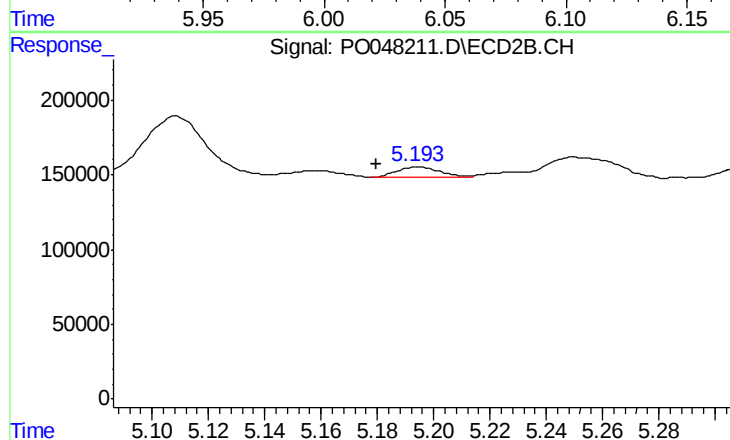
R.T.: 5.014 min
Delta R.T.: 0.006 min
Response: 229579
Conc: 54.74 ng/ml



#19 AR-1242-4

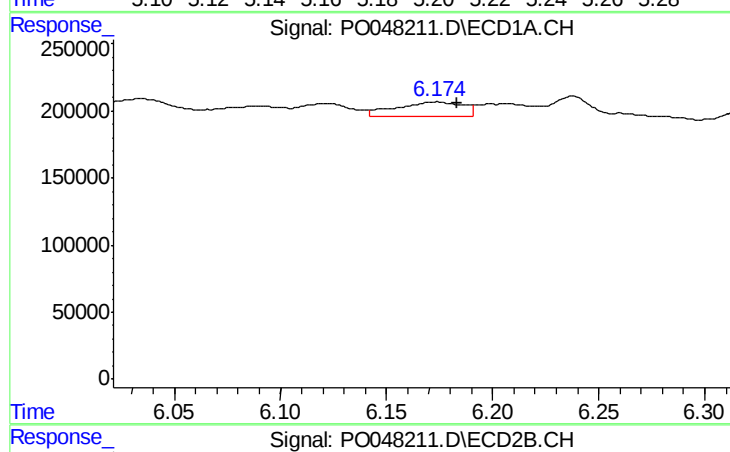
R.T.: 6.034 min
Delta R.T.: -0.008 min
Response: 238993
Conc: 62.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



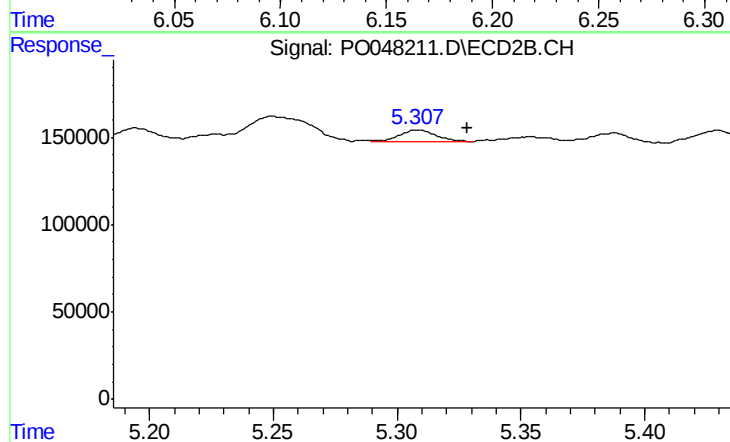
#19 AR-1242-4

R.T.: 5.195 min
Delta R.T.: 0.015 min
Response: 73473
Conc: 15.56 ng/ml



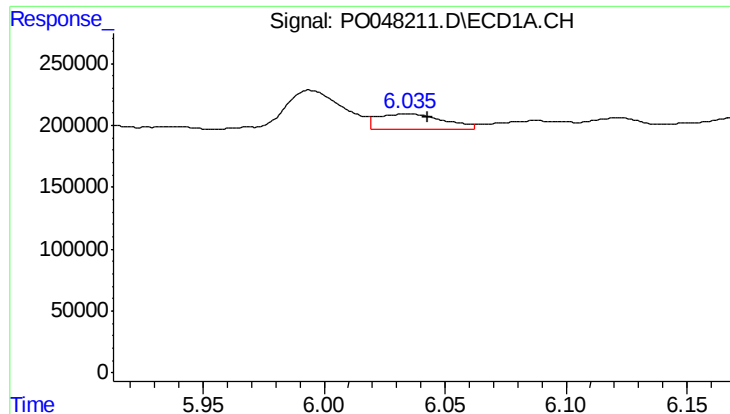
#20 AR-1242-5

R.T.: 6.173 min
Delta R.T.: -0.010 min
Response: 229903
Conc: 53.71 ng/ml



#20 AR-1242-5

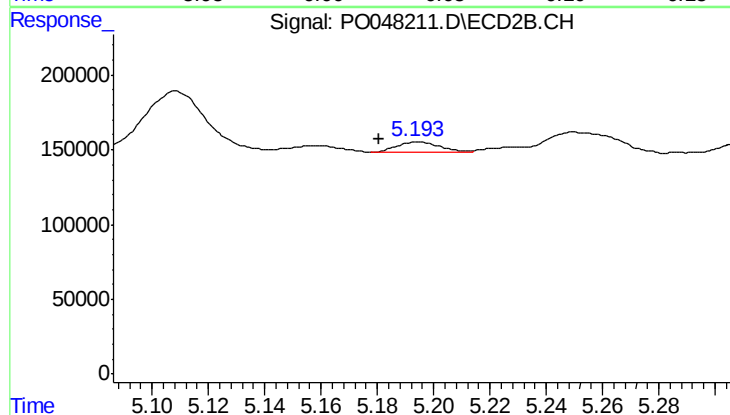
R.T.: 5.309 min
Delta R.T.: -0.020 min
Response: 68998
Conc: 17.82 ng/ml



#21 AR-1248-1

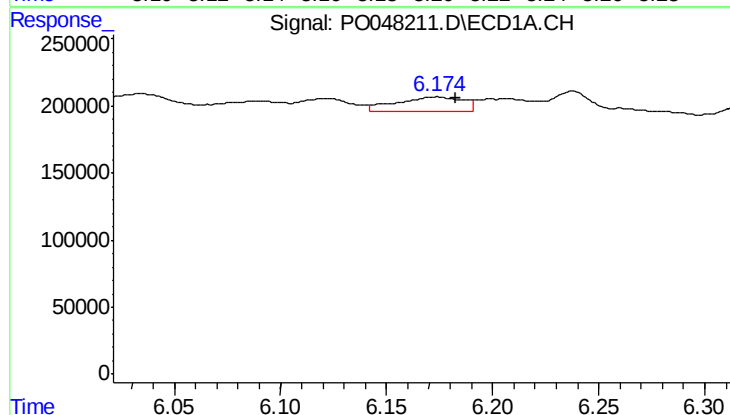
R.T.: 6.034 min
Delta R.T.: -0.008 min
Response: 238993
Conc: 38.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



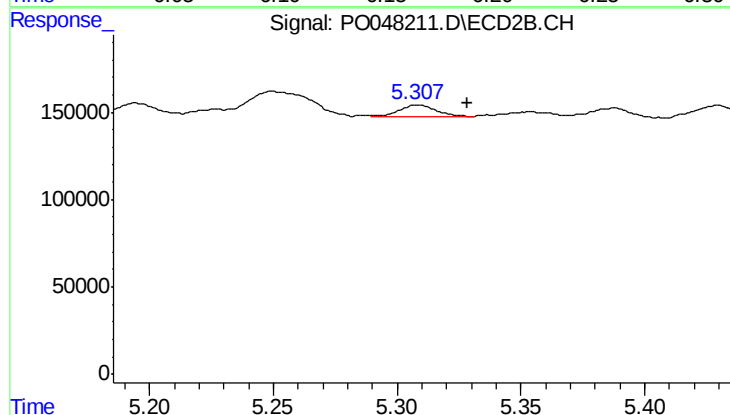
#21 AR-1248-1

R.T.: 5.195 min
Delta R.T.: 0.014 min
Response: 73473
Conc: 9.85 ng/ml



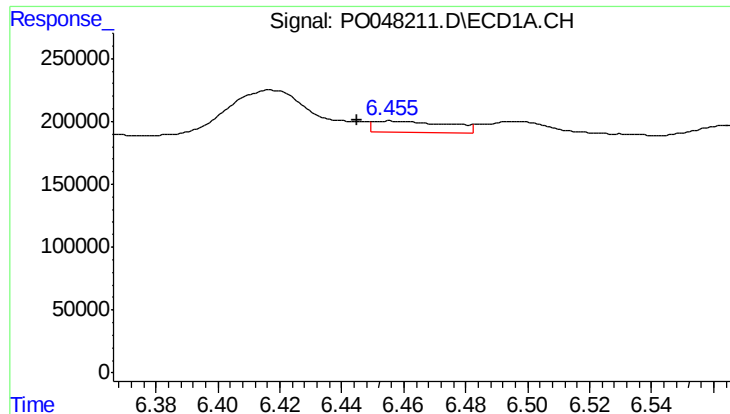
#22 AR-1248-2

R.T.: 6.173 min
Delta R.T.: -0.009 min
Response: 229903
Conc: 42.20 ng/ml



#22 AR-1248-2

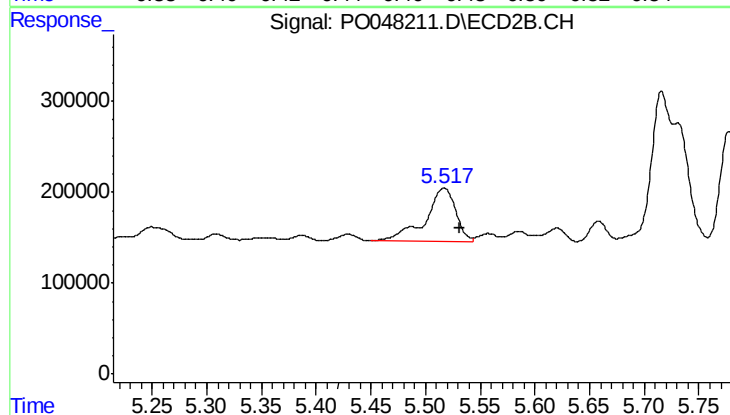
R.T.: 5.309 min
Delta R.T.: -0.020 min
Response: 68998
Conc: 12.90 ng/ml



#23 AR-1248-3

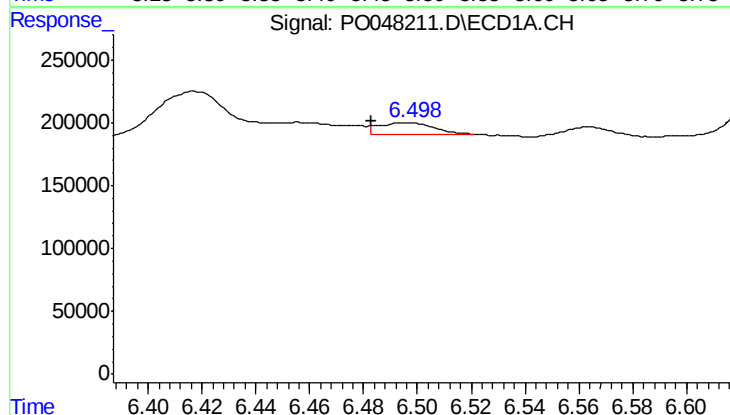
R.T.: 6.456 min
Delta R.T.: 0.011 min
Response: 150644
Conc: 21.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



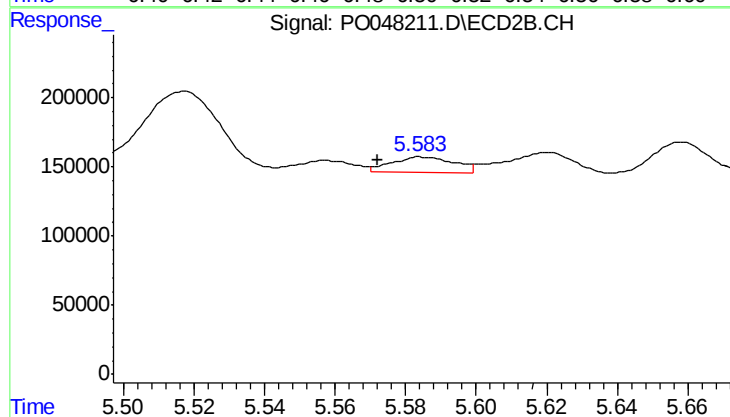
#23 AR-1248-3

R.T.: 5.517 min
Delta R.T.: -0.014 min
Response: 1127194
Conc: 113.28 ng/ml



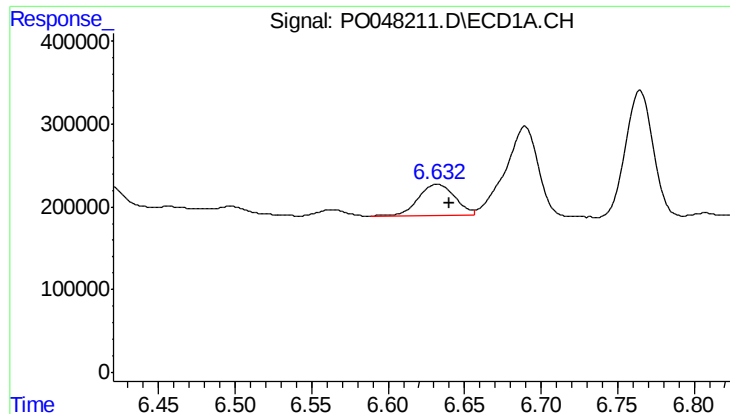
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.014 min
Response: 125604
Conc: 18.71 ng/ml



#24 AR-1248-4

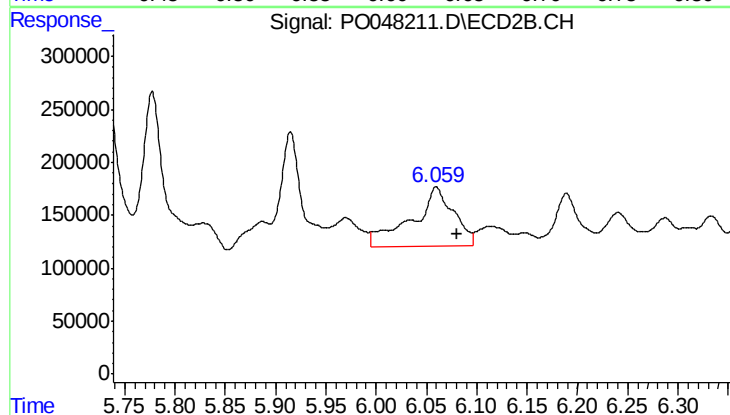
R.T.: 5.585 min
Delta R.T.: 0.013 min
Response: 140700
Conc: 20.08 ng/ml



#25 AR-1248-5

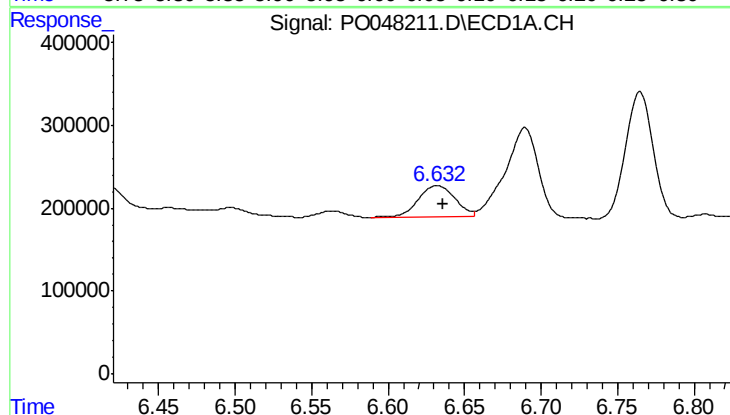
R.T.: 6.632 min
Delta R.T.: -0.008 min
Response: 605025
Conc: 85.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



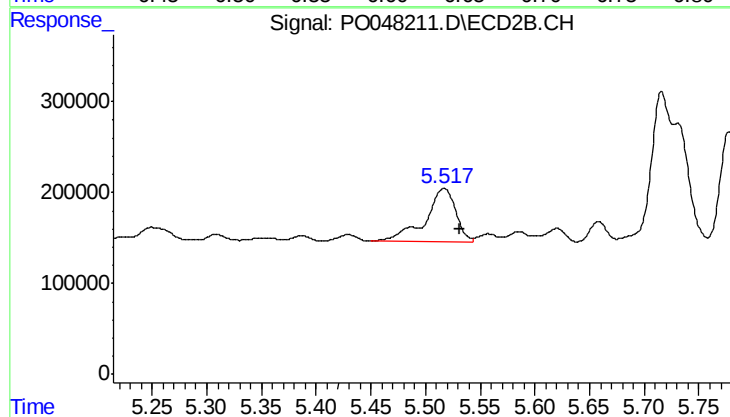
#25 AR-1248-5

R.T.: 6.060 min
Delta R.T.: -0.021 min
Response: 1633872
Conc: 342.83 ng/ml



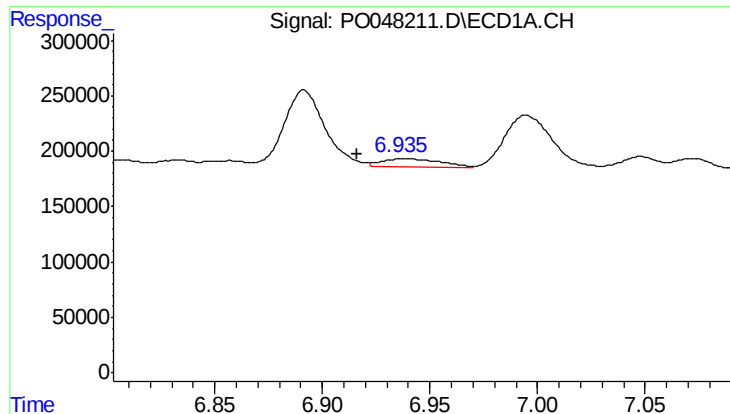
#26 AR-1254-1

R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 605025
Conc: 49.48 ng/ml



#26 AR-1254-1

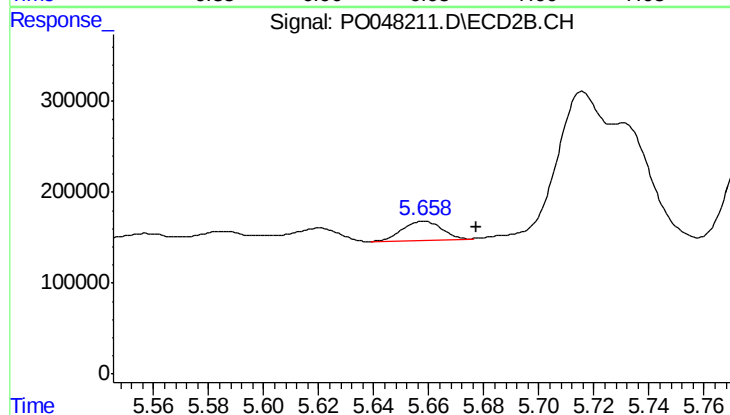
R.T.: 5.517 min
Delta R.T.: -0.015 min
Response: 1127194
Conc: 91.60 ng/ml



#27 AR-1254-2

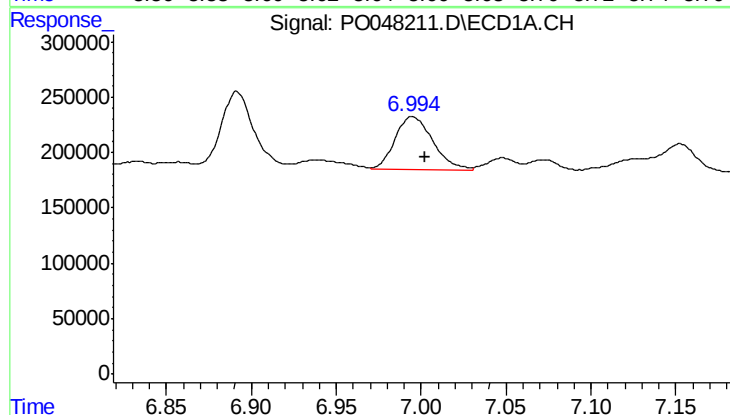
R.T.: 6.936 min
Delta R.T.: 0.020 min
Response: 134644
Conc: 18.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



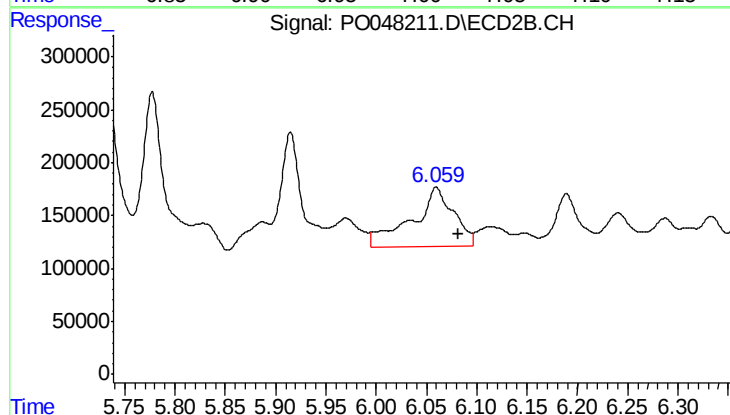
#27 AR-1254-2

R.T.: 5.658 min
Delta R.T.: -0.019 min
Response: 204698
Conc: 19.66 ng/ml



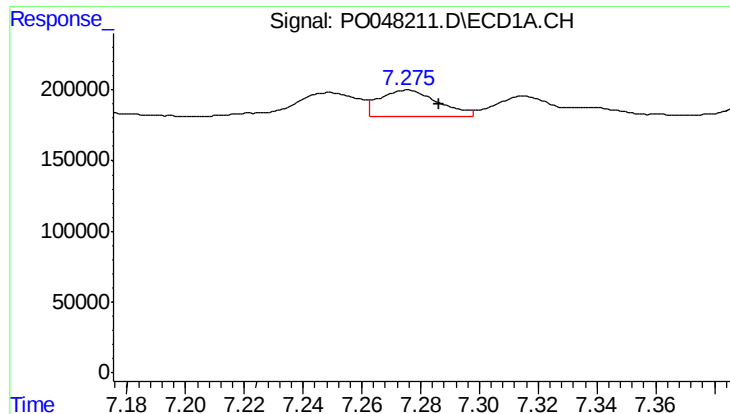
#28 AR-1254-3

R.T.: 6.995 min
Delta R.T.: -0.007 min
Response: 727954
Conc: 55.82 ng/ml



#28 AR-1254-3

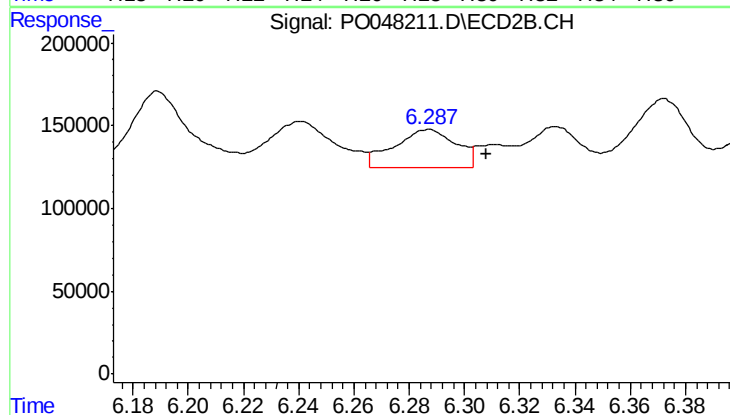
R.T.: 6.060 min
Delta R.T.: -0.022 min
Response: 1633872
Conc: 94.14 ng/ml



#29 AR-1254-4

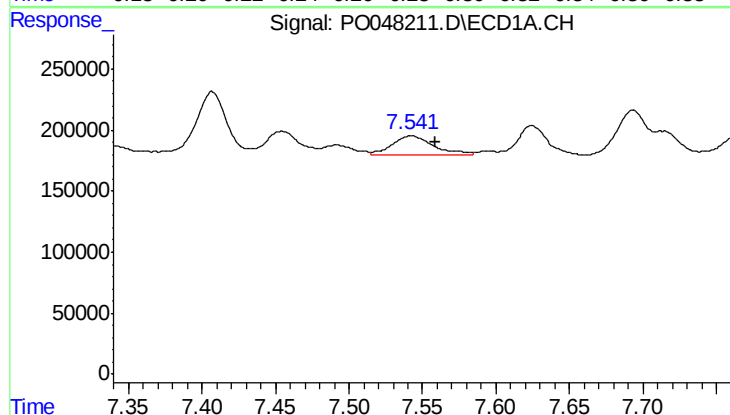
R.T.: 7.276 min
Delta R.T.: -0.011 min
Response: 264824
Conc: 27.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



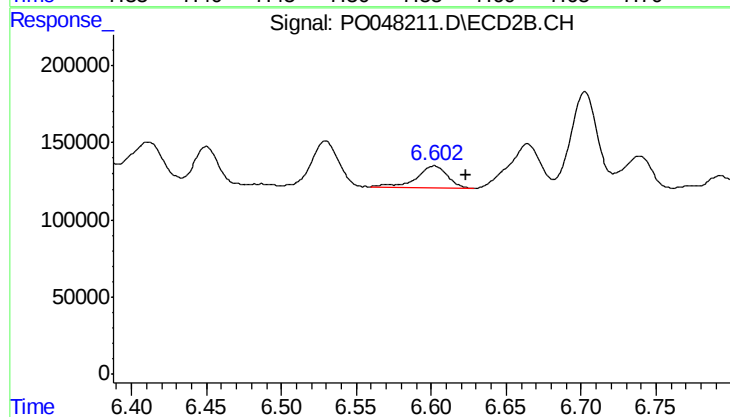
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.021 min
Response: 356032
Conc: 32.86 ng/ml



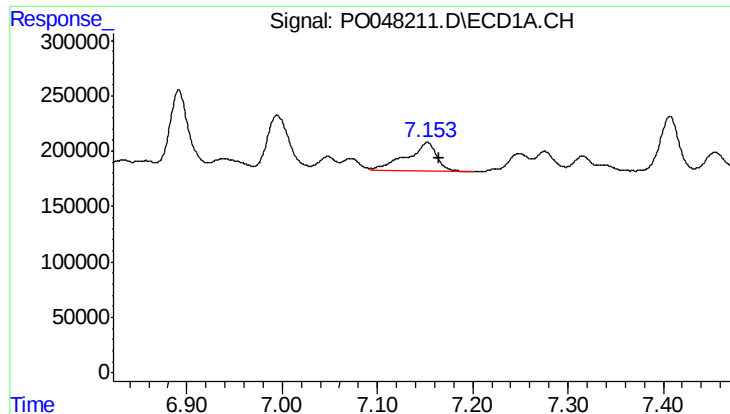
#30 AR-1254-5

R.T.: 7.542 min
Delta R.T.: -0.017 min
Response: 302115
Conc: 40.89 ng/ml



#30 AR-1254-5

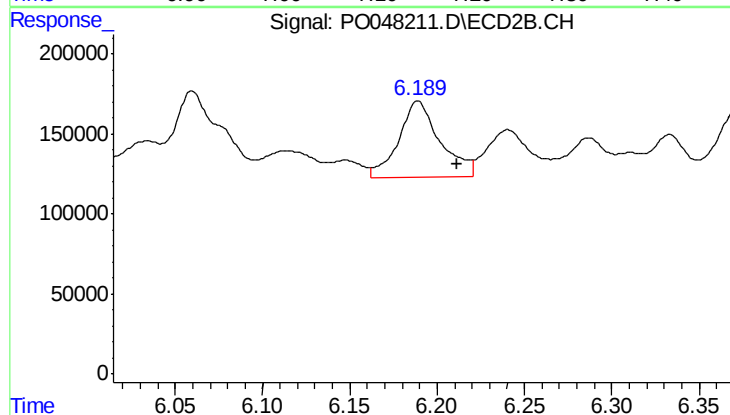
R.T.: 6.602 min
Delta R.T.: -0.022 min
Response: 215995
Conc: 28.24 ng/ml



#31 AR-1260-1

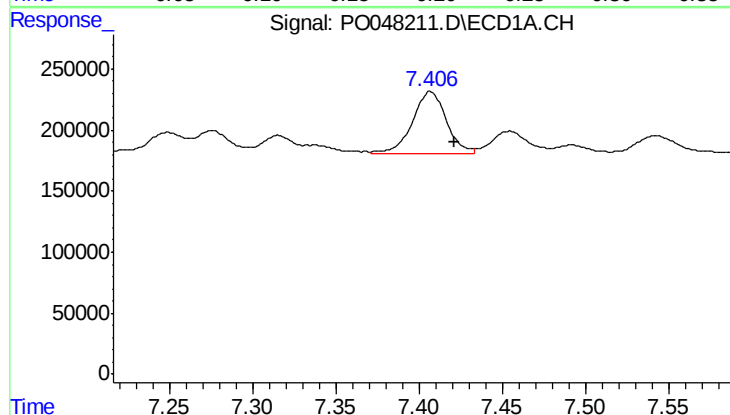
R.T.: 7.153 min
Delta R.T.: -0.012 min
Response: 561349
Conc: 59.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



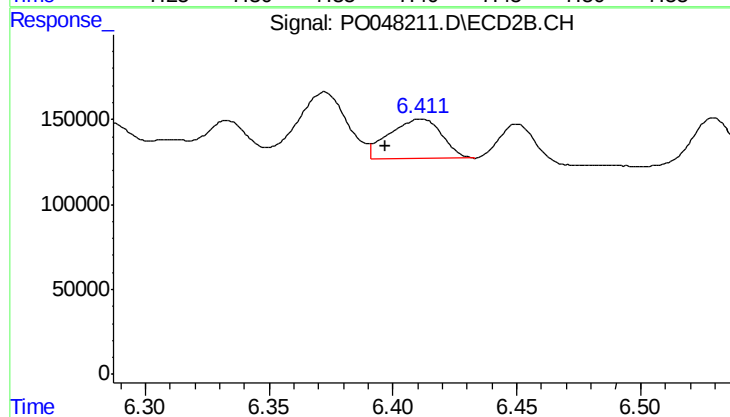
#31 AR-1260-1

R.T.: 6.189 min
Delta R.T.: -0.022 min
Response: 785039
Conc: 71.04 ng/ml



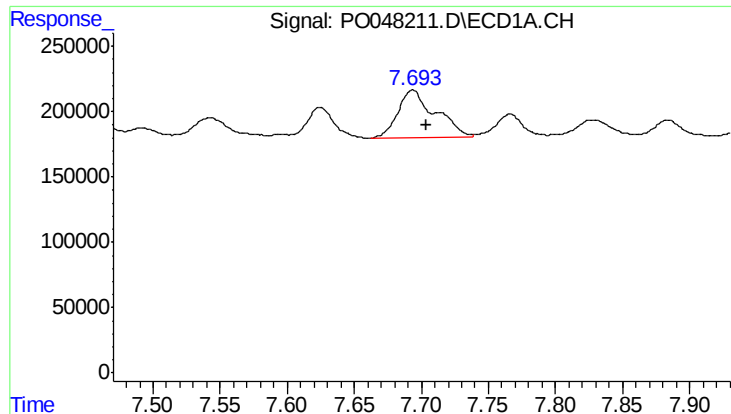
#32 AR-1260-2

R.T.: 7.407 min
Delta R.T.: -0.014 min
Response: 731204
Conc: 65.57 ng/ml



#32 AR-1260-2

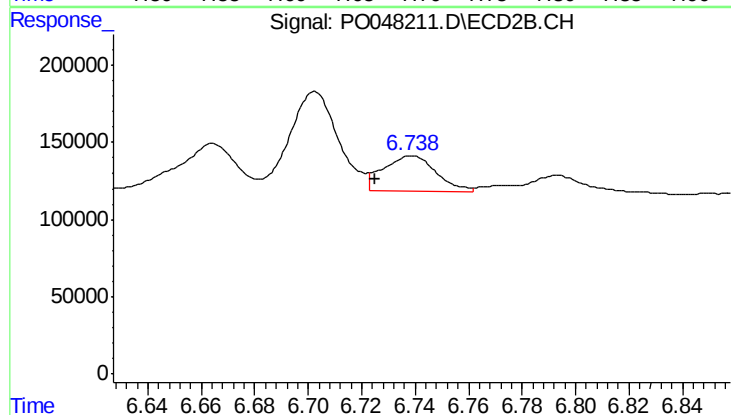
R.T.: 6.411 min
Delta R.T.: 0.014 min
Response: 346771
Conc: 25.86 ng/ml



#33 AR-1260-3

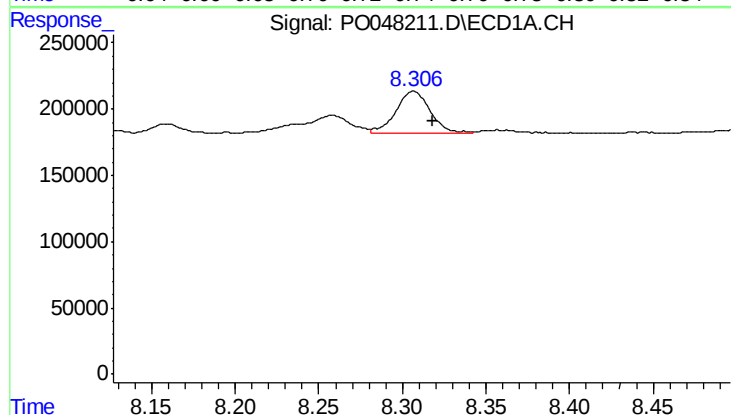
R.T.: 7.694 min
Delta R.T.: -0.010 min
Response: 715904
Conc: 55.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



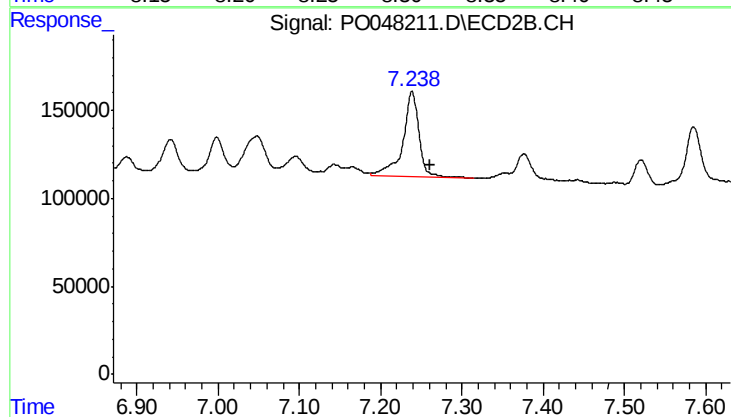
#33 AR-1260-3

R.T.: 6.739 min
Delta R.T.: 0.014 min
Response: 319269
Conc: 21.96 ng/ml



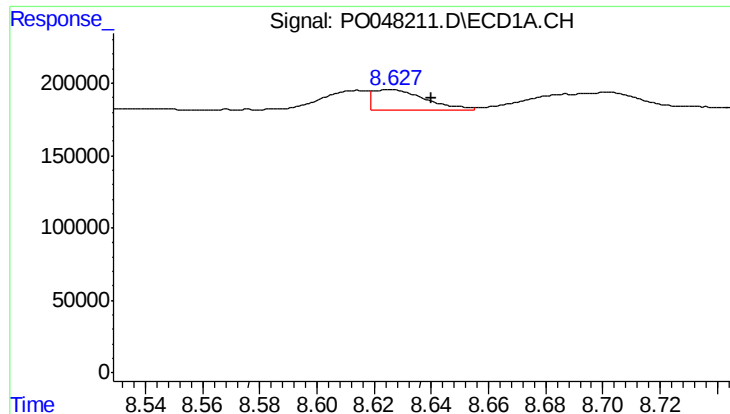
#34 AR-1260-4

R.T.: 8.307 min
Delta R.T.: -0.012 min
Response: 464149
Conc: 26.09 ng/ml



#34 AR-1260-4

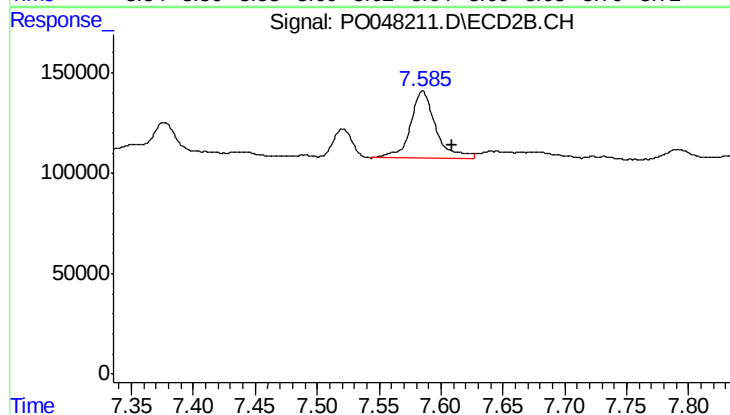
R.T.: 7.239 min
Delta R.T.: -0.023 min
Response: 693110
Conc: 31.50 ng/ml



#35 AR-1260-5

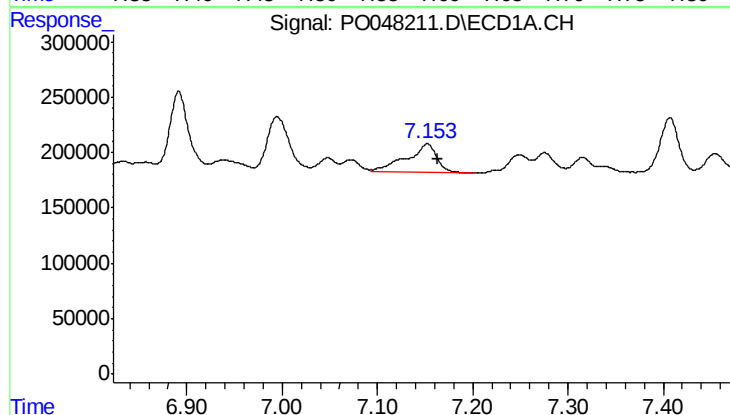
R.T.: 8.626 min
Delta R.T.: -0.015 min
Response: 188492
Conc: 16.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



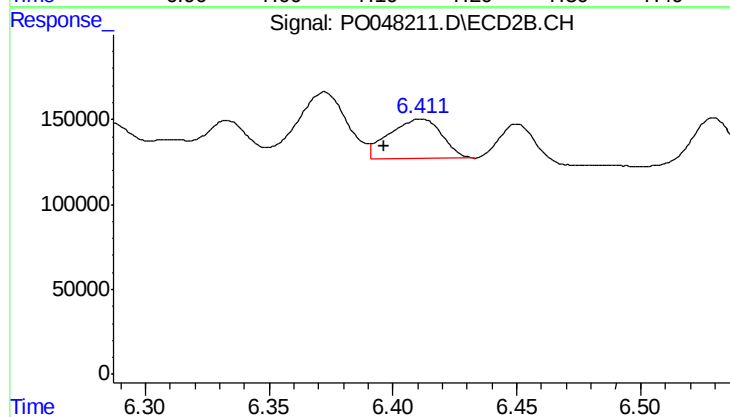
#35 AR-1260-5

R.T.: 7.585 min
Delta R.T.: -0.024 min
Response: 480344
Conc: 30.79 ng/ml



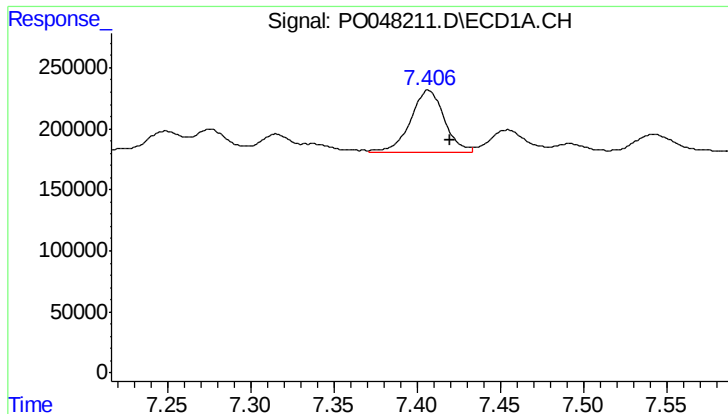
#36 AR-1262-1

R.T.: 7.153 min
Delta R.T.: -0.011 min
Response: 561349
Conc: 67.76 ng/ml



#36 AR-1262-1

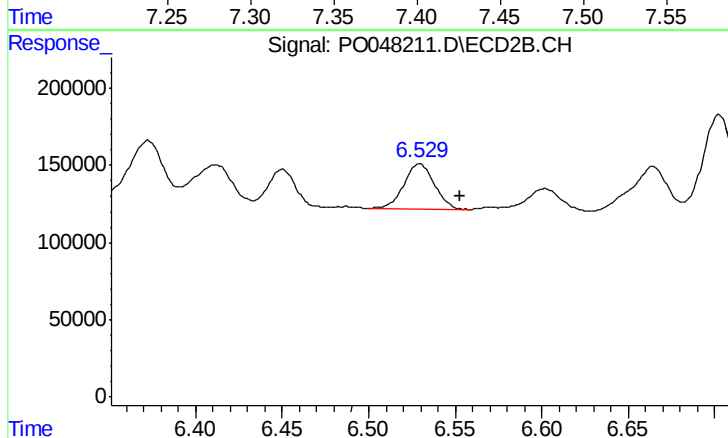
R.T.: 6.411 min
Delta R.T.: 0.015 min
Response: 346771
Conc: 30.58 ng/ml



#37 AR-1262-2

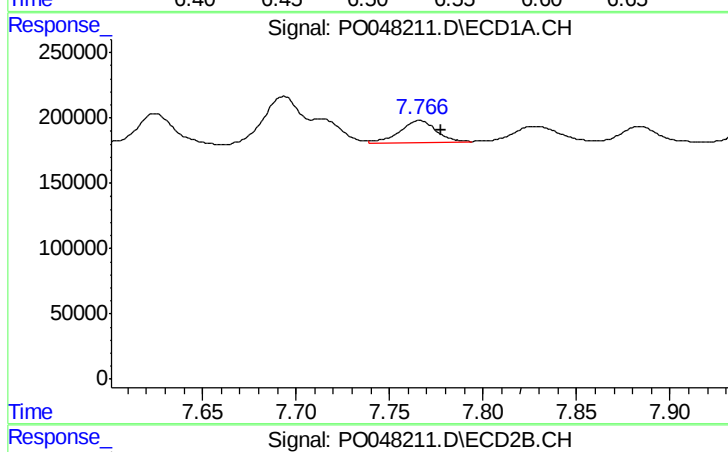
R.T.: 7.407 min
Delta R.T.: -0.013 min
Response: 731204
Conc: 75.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



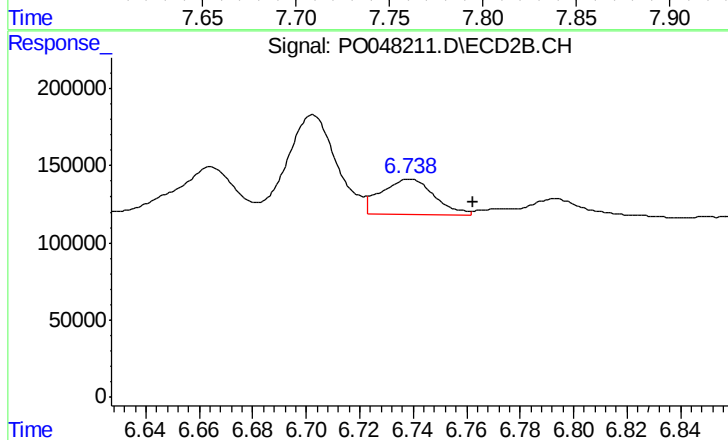
#37 AR-1262-2

R.T.: 6.529 min
Delta R.T.: -0.024 min
Response: 359201
Conc: 31.83 ng/ml



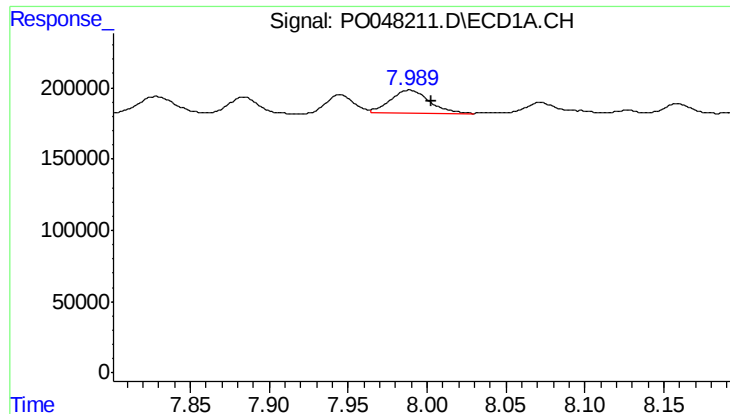
#38 AR-1262-3

R.T.: 7.766 min
Delta R.T.: -0.011 min
Response: 234202
Conc: 19.08 ng/ml



#38 AR-1262-3

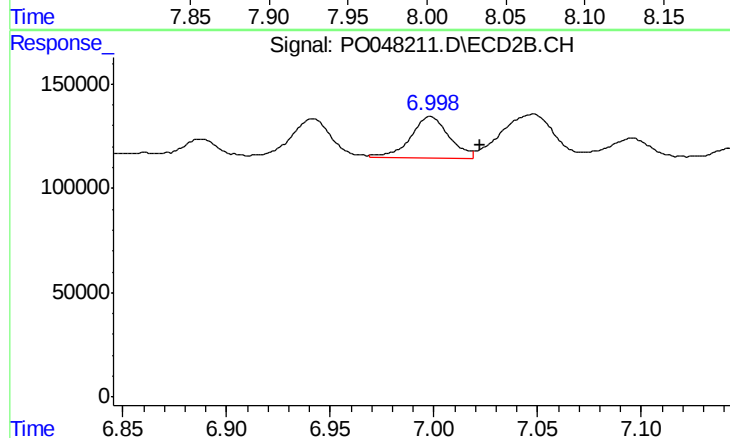
R.T.: 6.739 min
Delta R.T.: -0.024 min
Response: 319269
Conc: 21.15 ng/ml



#39 AR-1262-4

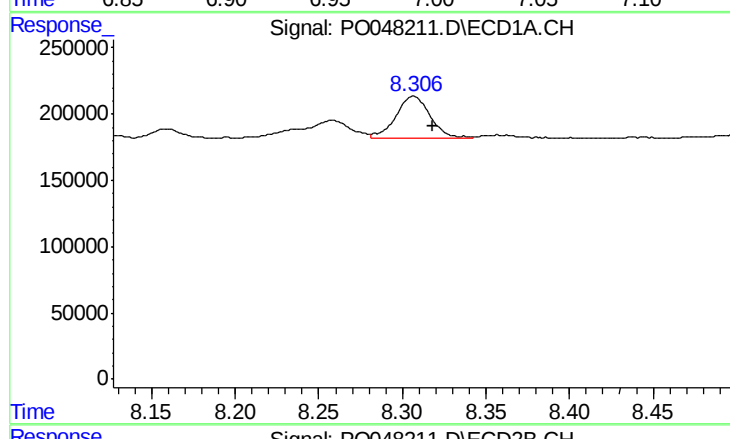
R.T.: 7.989 min
Delta R.T.: -0.014 min
Response: 264697
Conc: 22.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



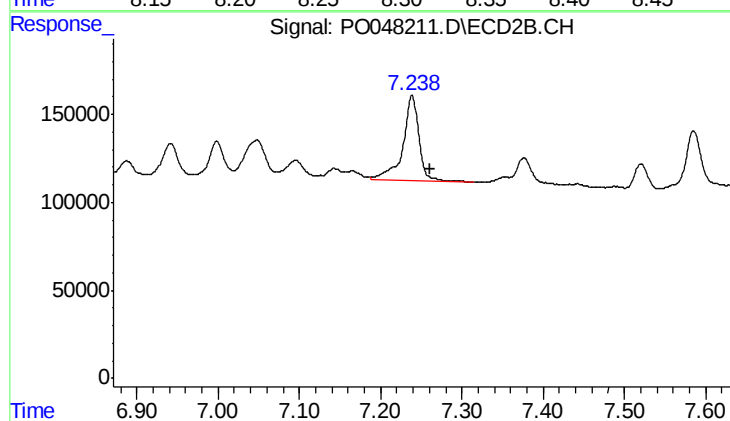
#39 AR-1262-4

R.T.: 6.998 min
Delta R.T.: -0.024 min
Response: 252038
Conc: 19.14 ng/ml



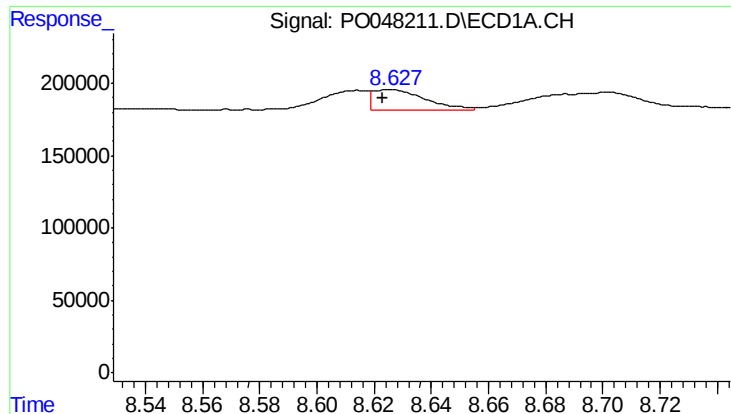
#40 AR-1262-5

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 464149
Conc: 21.60 ng/ml



#40 AR-1262-5

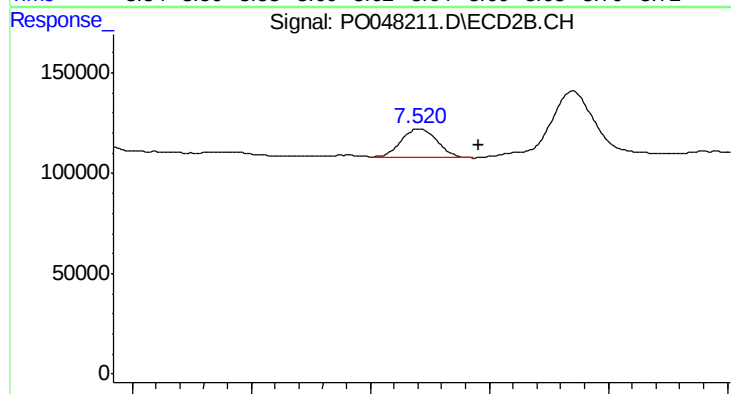
R.T.: 7.239 min
Delta R.T.: -0.022 min
Response: 693110
Conc: 26.83 ng/ml



#41 AR-1268-1

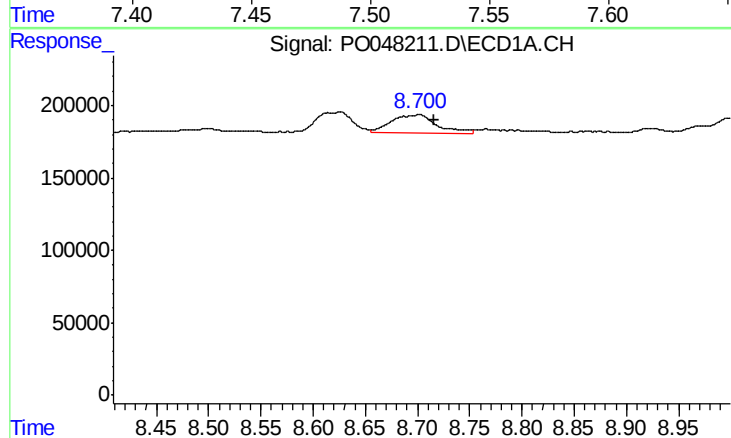
R.T.: 8.626 min
Delta R.T.: 0.003 min
Response: 188492
Conc: 8.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



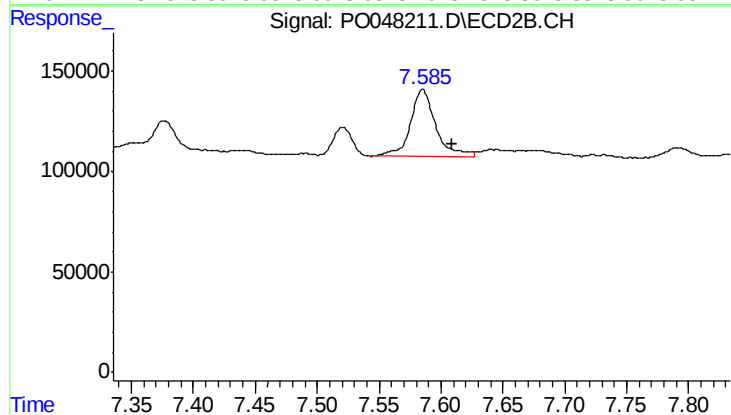
#41 AR-1268-1

R.T.: 7.521 min
Delta R.T.: -0.025 min
Response: 149365
Conc: 5.74 ng/ml



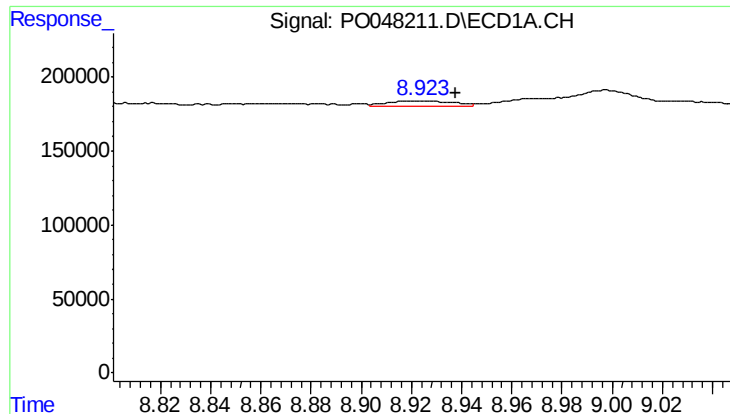
#42 AR-1268-2

R.T.: 8.701 min
Delta R.T.: -0.015 min
Response: 388907
Conc: 18.15 ng/ml



#42 AR-1268-2

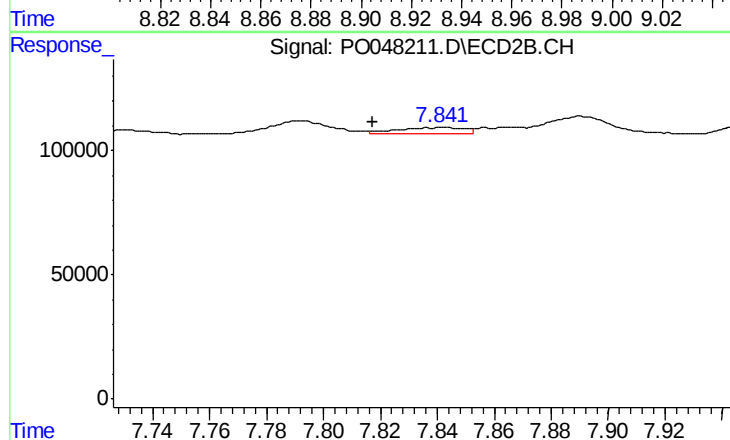
R.T.: 7.585 min
Delta R.T.: -0.024 min
Response: 480344
Conc: 19.28 ng/ml



#43 AR-1268-3

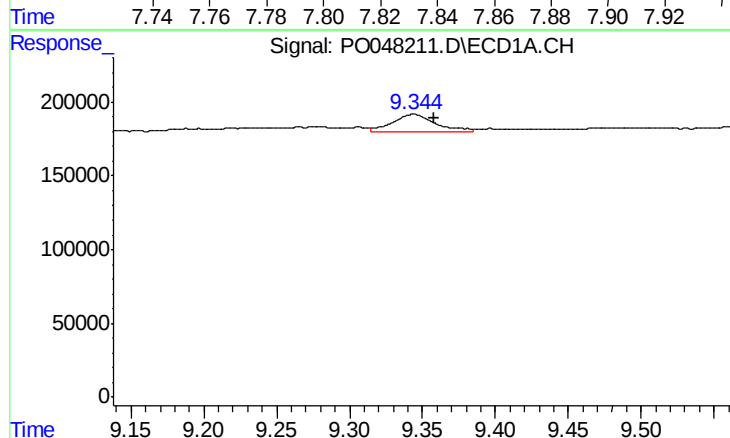
R.T.: 8.925 min
Delta R.T.: -0.013 min
Response: 61681
Conc: 3.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



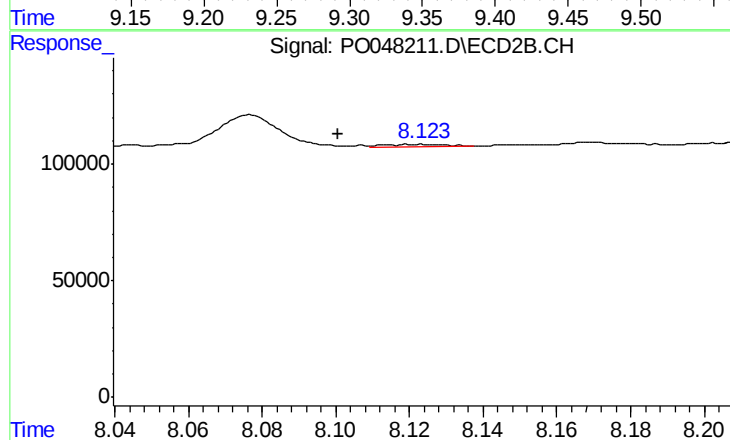
#43 AR-1268-3

R.T.: 7.841 min
Delta R.T.: 0.024 min
Response: 44771
Conc: 2.27 ng/ml



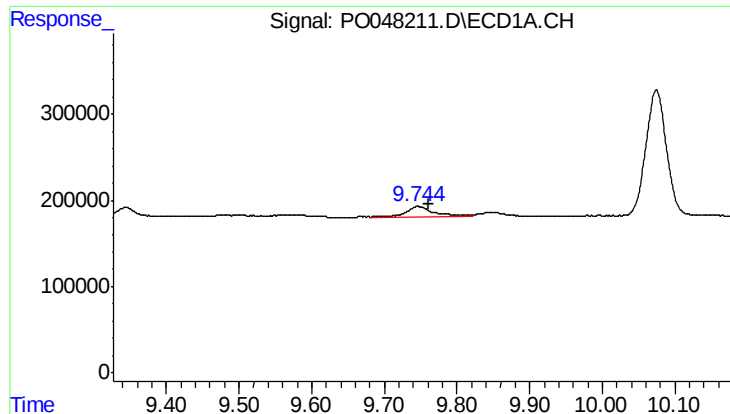
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: -0.013 min
Response: 233124
Conc: 29.24 ng/ml



#44 AR-1268-4

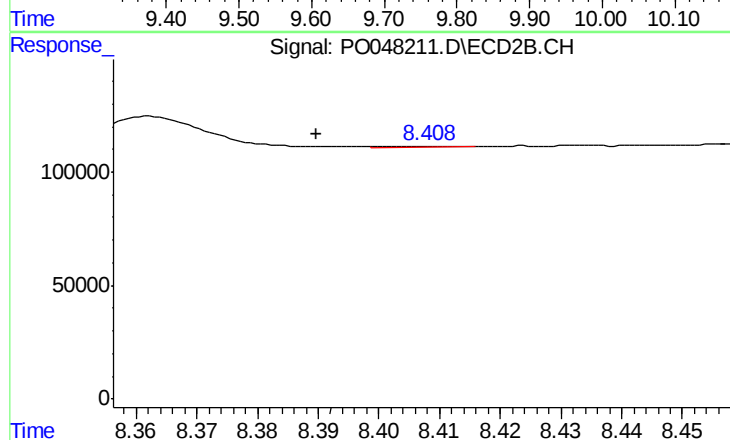
R.T.: 8.124 min
Delta R.T.: 0.024 min
Response: 10901
Conc: 1.30 ng/ml



#45 AR-1268-5

R.T.: 9.746 min
Delta R.T.: -0.016 min
Response: 370820
Conc: 6.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-12



#45 AR-1268-5

R.T.: 8.408 min
Delta R.T.: 0.018 min
Response: 2549
Conc: 0.05 ng/ml