

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100919\
 Data File : PO061818.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2019 11:20
 Operator : HP/AJ
 Sample : K5213-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 11:34:53 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...	4.353	3.518	1112188	697109	27.117	21.556
2)	SA Decachlor...	10.005	8.374	2074166	1168868	44.538	36.103
Target Compounds							
3)	L1 AR-1016-1	5.535	4.584	565874	406876	308.589	302.586
4)	L1 AR-1016-2	5.535	4.584	565874	406876	218.922	219.534
5)	L1 AR-1016-3	5.598	4.769	177563	1130573	110.532	1128.631 #
6)	L1 AR-1016-4	5.697	4.794	187304	722496	140.099	833.748 #
7)	L1 AR-1016-5	5.988	5.000	1592041	535857	1160.866	469.458 #
8)	L2 AR-1221-1	4.564	3.728	29409	5563	63.616	14.050 #
9)	L2 AR-1221-2	4.656	3.826	115542	16640	321.824	53.958 #
10)	L2 AR-1221-3	4.723	3.878	72258	49312	63.467	54.061
11)	L3 AR-1232-1	4.723	3.878	72258	49312	51.672	43.919
12)	L3 AR-1232-2	5.248	4.584	246181	406876	313.783	333.317
13)	L3 AR-1232-3	5.535	4.769	565874	1130573	331.176	1712.330 #
14)	L3 AR-1232-4	5.697	4.856	187304	596802	211.694	946.775 #
15)	L3 AR-1232-5	5.786	5.000	1137664	535857	1640.866	780.962 #
16)	L4 AR-1242-1	5.535	4.584	565874	406876	398.457	397.145
17)	L4 AR-1242-2	5.535	4.584	565874	406876	281.552	288.519
18)	L4 AR-1242-3	5.598	4.769	177563	1130573	140.714	1447.812 #
19)	L4 AR-1242-4	5.697	4.856	187304	596802	178.254	727.276 #
20)	L4 AR-1242-5	6.433	5.343	1057332	1862828	790.532	1738.938 #
21)	L5 AR-1248-1	5.535	4.584	565874	406876	481.669	454.704
22)	L5 AR-1248-2	5.786	4.794	1137664	722496	674.304	613.186
23)	L5 AR-1248-3	5.988	4.856	1592041	596802	851.887	480.796 #
24)	L5 AR-1248-4	6.392	5.000	962990	535857	407.556	356.454
25)	L5 AR-1248-5	6.454	5.382	656068	380358	289.343	247.925
26)	L6 AR-1254-1	6.392	5.343	962990	1862828	422.106	849.329 #
27)	L6 AR-1254-2	6.583	5.487	4575399	1710260	1266.347	872.363 #
28)	L6 AR-1254-3	6.949	5.880	5260616	3103926	1346.338	974.927 #
29)	L6 AR-1254-4	7.234	6.134	3175733	366943	1048.573	180.862 #
30)	L6 AR-1254-5	7.682	6.512	774210	2834324	246.532	1002.071 #
31)	L7 AR-1260-1	7.110	6.006	2515663	1776013	963.656	870.682
32)	L7 AR-1260-2	7.366	6.193	3006822	1973095	943.170	821.529
33)	L7 AR-1260-3	7.722	6.339	745761	1215997	310.492	539.696 #
34)	L7 AR-1260-4	7.941	6.803	1772009	294625	663.165	159.584 #
35)	L7 AR-1260-5	8.264	7.072	1070908	107132	216.427	27.515 #
36)	L8 AR-1262-1	7.722	6.605	745761	280129	194.641	229.495
37)	L8 AR-1262-2	8.264	7.072	1070908	107132	172.502	23.300 #
38)	L8 AR-1262-3	8.578	7.321	962911	265635	231.674	141.008 #
39)	L8 AR-1262-4	8.654	7.383	591636	586346	187.412	174.470
40)	L8 AR-1262-5	9.288	7.872	259286	157253	127.499	103.731
41)	L9 AR-1268-1	8.578	7.321	962911	265635	143.196	55.007 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100919\
 Data File : P0061818.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2019 11:20
 Operator : HP/AJ
 Sample : K5213-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

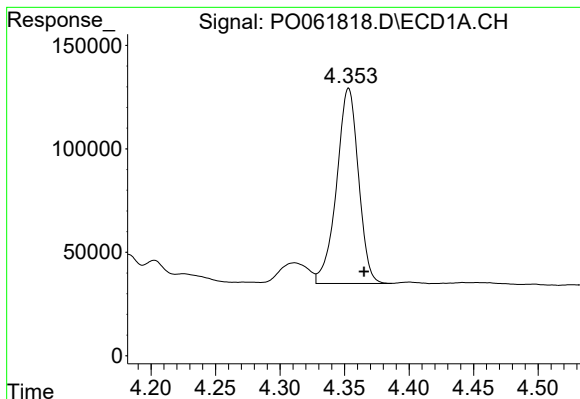
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 11:34:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.654	7.383	591636	586346	95.542	136.049 #
43) L9	AR-1268-3	8.874	7.586	548981	352531	107.390	98.356
44) L9	AR-1268-4	9.288	7.872	259286	157253	118.580	97.710
45) L9	AR-1268-5	9.685	8.143	1257673	797545	83.718	79.310

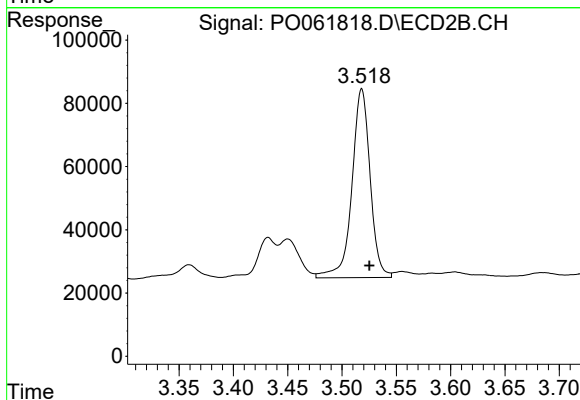
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

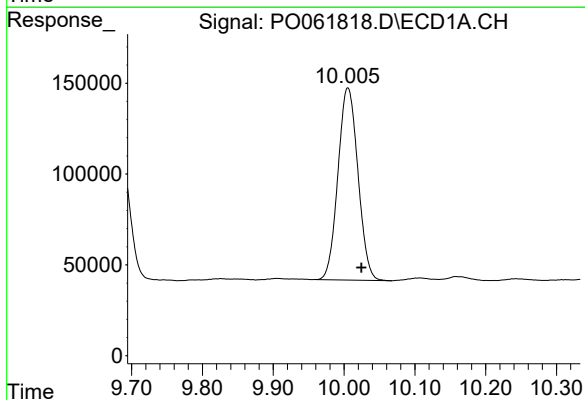
R.T.: 4.353 min
Delta R.T.: -0.012 min
Response: 1112188
Conc: 27.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



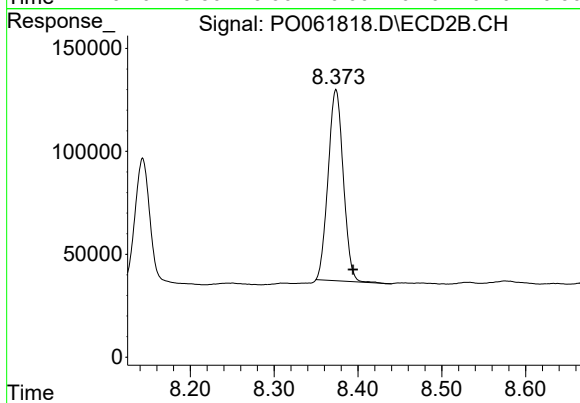
#1 Tetrachloro-m-xylene

R.T.: 3.518 min
Delta R.T.: -0.007 min
Response: 697109
Conc: 21.56 ng/ml



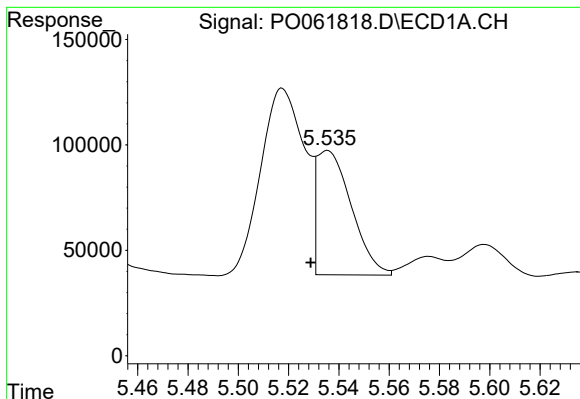
#2 Decachlorobiphenyl

R.T.: 10.005 min
Delta R.T.: -0.019 min
Response: 2074166
Conc: 44.54 ng/ml



#2 Decachlorobiphenyl

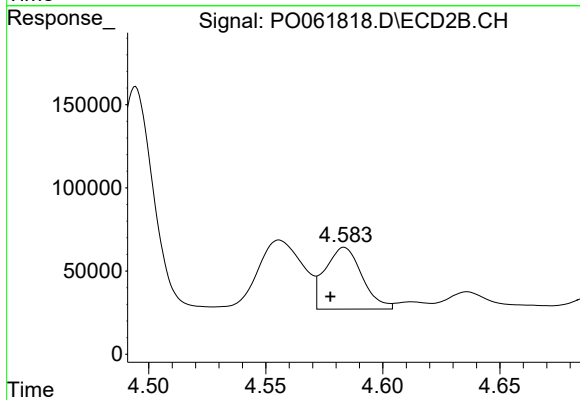
R.T.: 8.374 min
Delta R.T.: -0.020 min
Response: 1168868
Conc: 36.10 ng/ml



#3 AR-1016-1

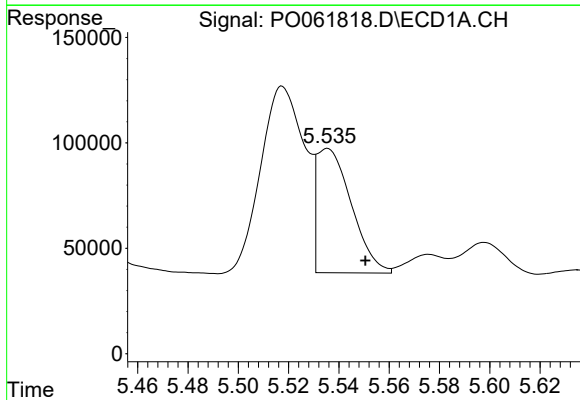
R.T.: 5.535 min
Delta R.T.: 0.006 min
Response: 565874
Conc: 308.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



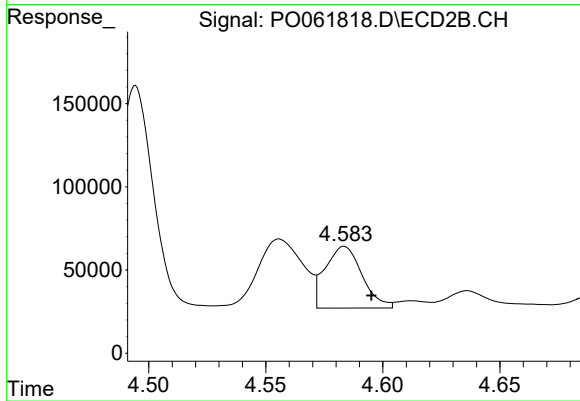
#3 AR-1016-1

R.T.: 4.584 min
Delta R.T.: 0.006 min
Response: 406876
Conc: 302.59 ng/ml



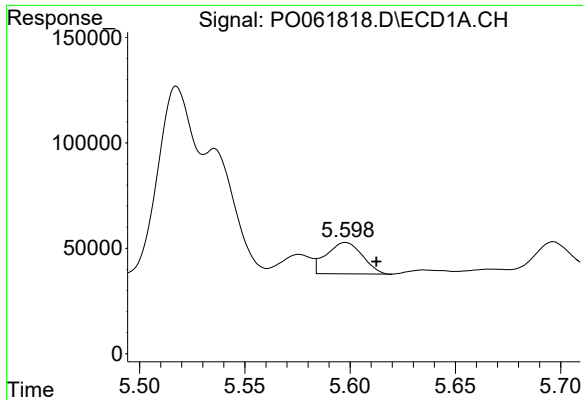
#4 AR-1016-2

R.T.: 5.535 min
Delta R.T.: -0.015 min
Response: 565874
Conc: 218.92 ng/ml



#4 AR-1016-2

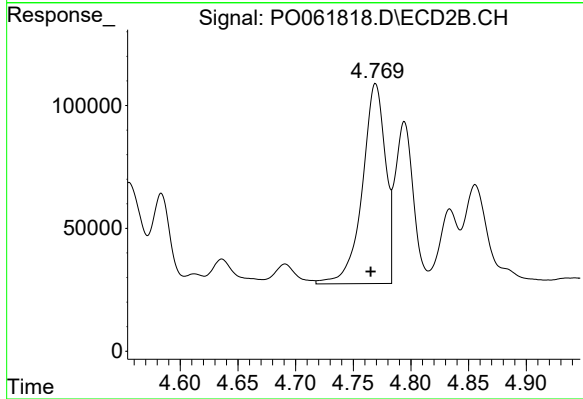
R.T.: 4.584 min
Delta R.T.: -0.012 min
Response: 406876
Conc: 219.53 ng/ml



#5 AR-1016-3

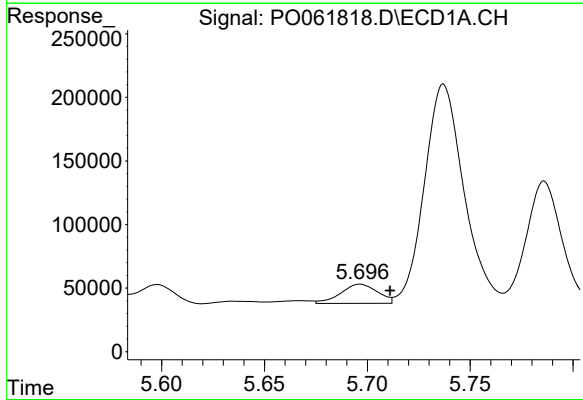
R.T.: 5.598 min
Delta R.T.: -0.015 min
Response: 177563
Conc: 110.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



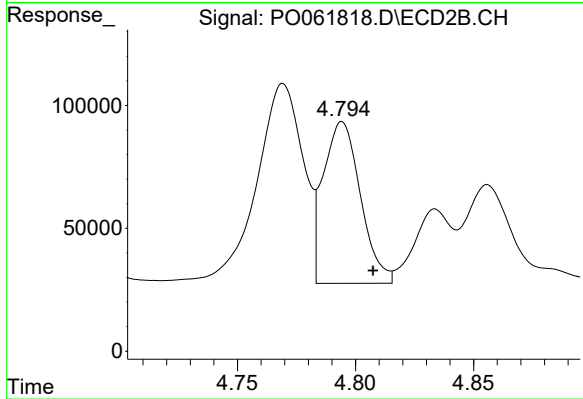
#5 AR-1016-3

R.T.: 4.769 min
Delta R.T.: 0.004 min
Response: 1130573
Conc: 1128.63 ng/ml



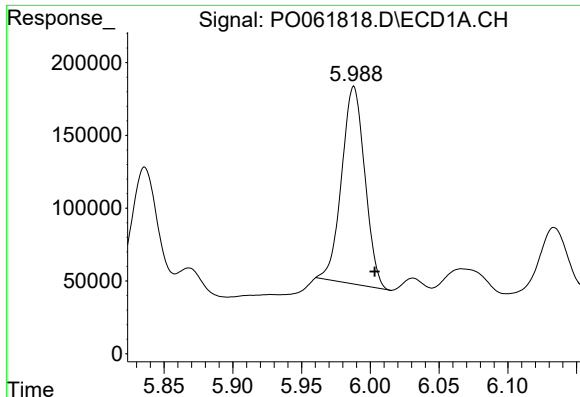
#6 AR-1016-4

R.T.: 5.697 min
Delta R.T.: -0.014 min
Response: 187304
Conc: 140.10 ng/ml



#6 AR-1016-4

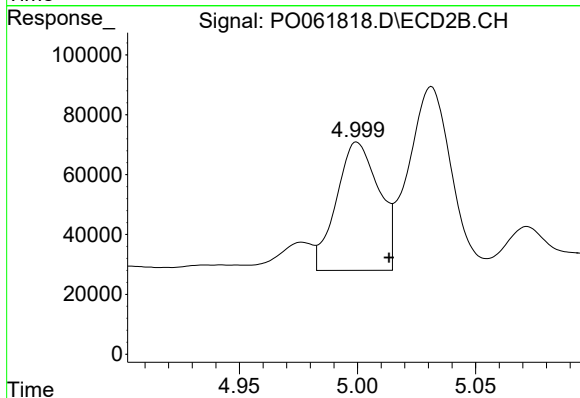
R.T.: 4.794 min
Delta R.T.: -0.013 min
Response: 722496
Conc: 833.75 ng/ml



#7 AR-1016-5

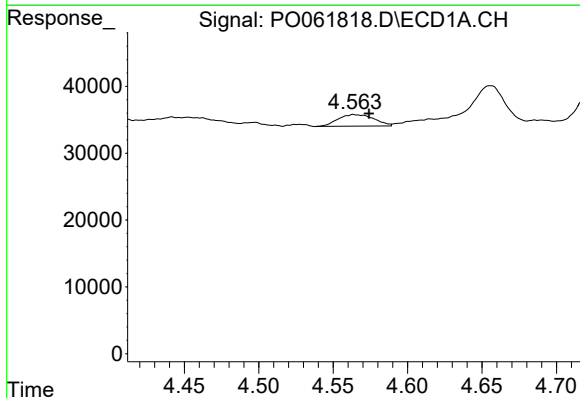
R.T.: 5.988 min
Delta R.T.: -0.015 min
Response: 1592041
Conc: 1160.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



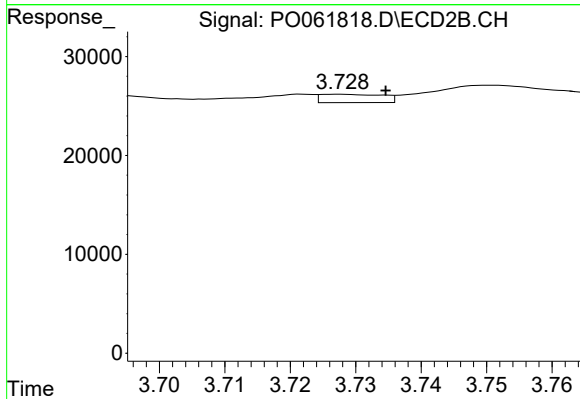
#7 AR-1016-5

R.T.: 5.000 min
Delta R.T.: -0.014 min
Response: 535857
Conc: 469.46 ng/ml



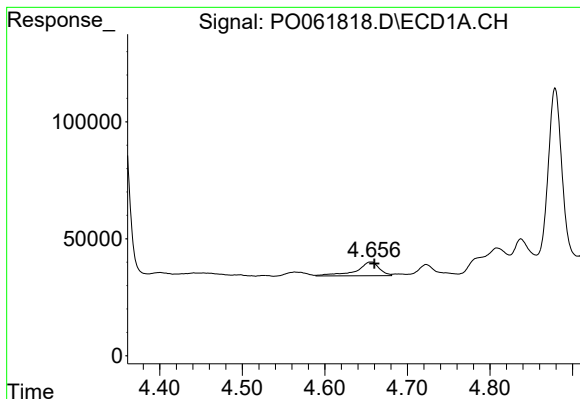
#8 AR-1221-1

R.T.: 4.564 min
Delta R.T.: -0.010 min
Response: 29409
Conc: 63.62 ng/ml



#8 AR-1221-1

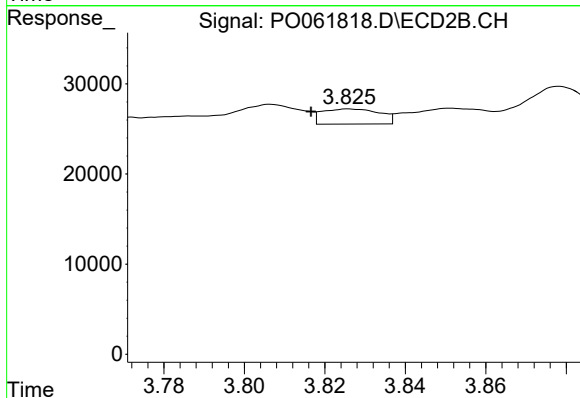
R.T.: 3.728 min
Delta R.T.: -0.007 min
Response: 5563
Conc: 14.05 ng/ml



#9 AR-1221-2

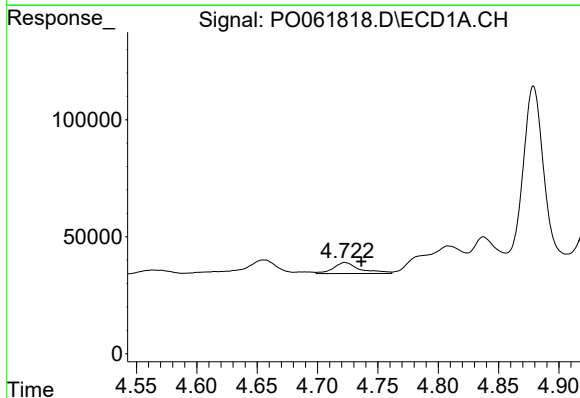
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 115542
Conc: 321.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



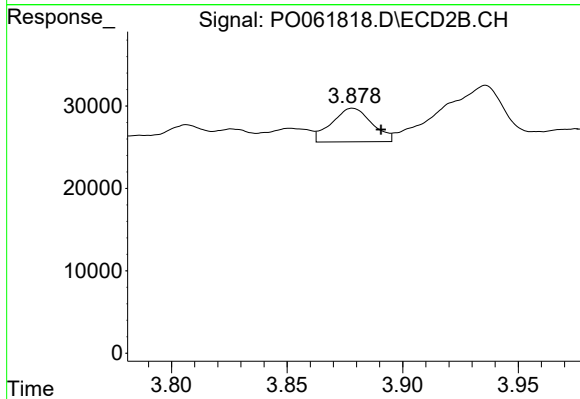
#9 AR-1221-2

R.T.: 3.826 min
Delta R.T.: 0.009 min
Response: 16640
Conc: 53.96 ng/ml



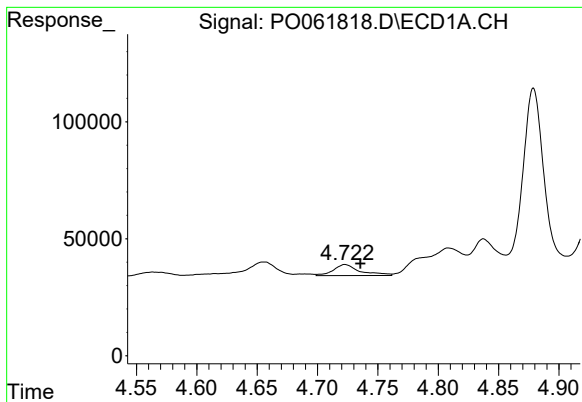
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 72258
Conc: 63.47 ng/ml



#10 AR-1221-3

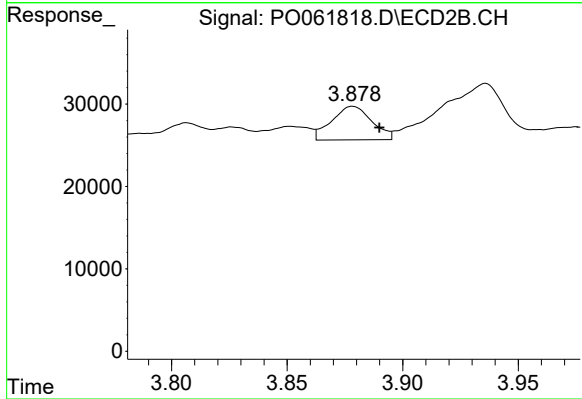
R.T.: 3.878 min
Delta R.T.: -0.012 min
Response: 49312
Conc: 54.06 ng/ml



#11 AR-1232-1

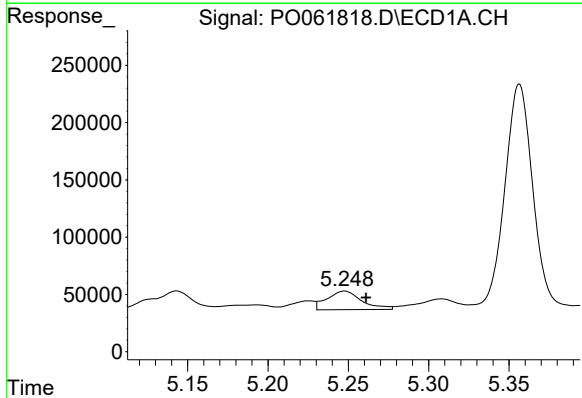
R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 72258
Conc: 51.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



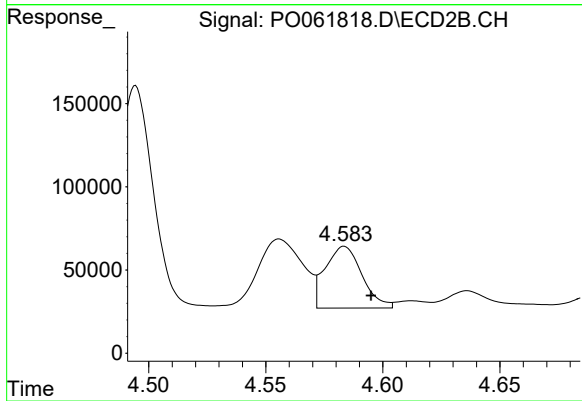
#11 AR-1232-1

R.T.: 3.878 min
Delta R.T.: -0.012 min
Response: 49312
Conc: 43.92 ng/ml



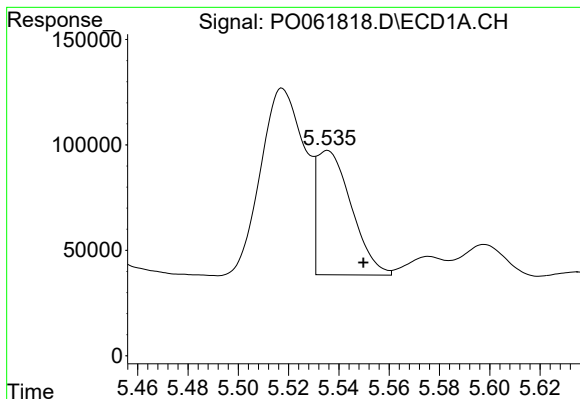
#12 AR-1232-2

R.T.: 5.248 min
Delta R.T.: -0.013 min
Response: 246181
Conc: 313.78 ng/ml



#12 AR-1232-2

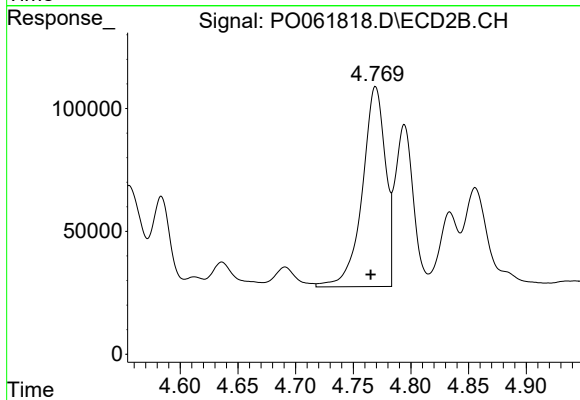
R.T.: 4.584 min
Delta R.T.: -0.011 min
Response: 406876
Conc: 333.32 ng/ml



#13 AR-1232-3

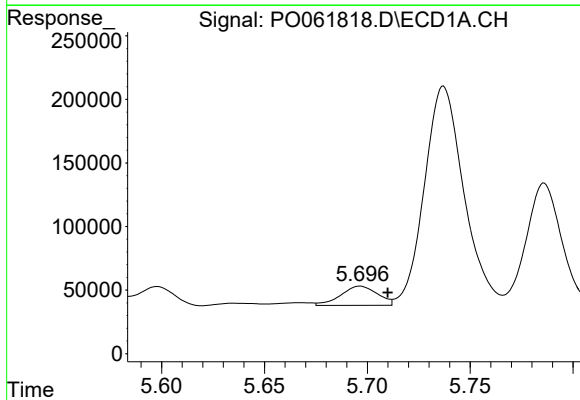
R.T.: 5.535 min
Delta R.T.: -0.014 min
Response: 565874
Conc: 331.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



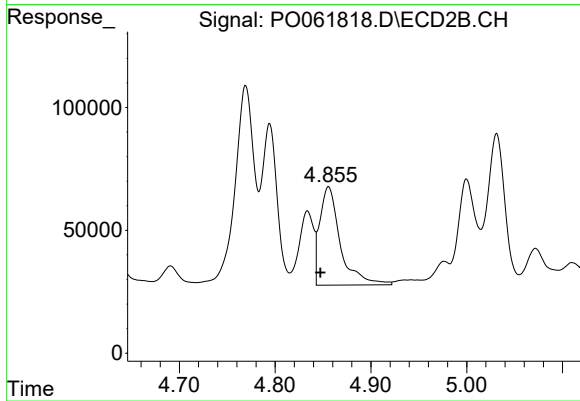
#13 AR-1232-3

R.T.: 4.769 min
Delta R.T.: 0.004 min
Response: 1130573
Conc: 1712.33 ng/ml



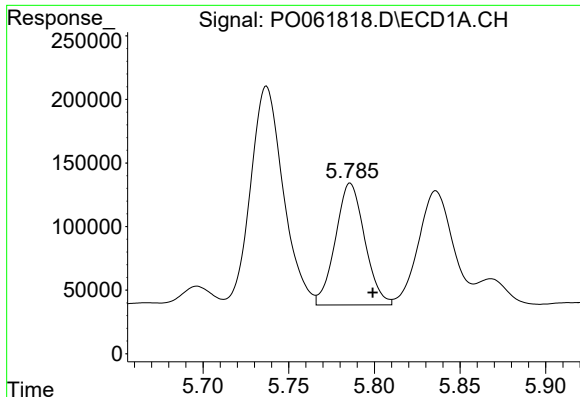
#14 AR-1232-4

R.T.: 5.697 min
Delta R.T.: -0.013 min
Response: 187304
Conc: 211.69 ng/ml



#14 AR-1232-4

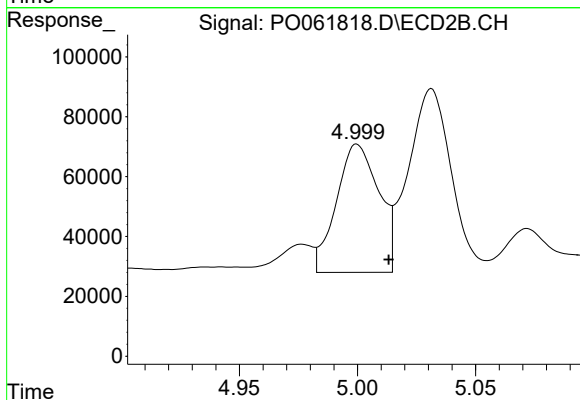
R.T.: 4.856 min
Delta R.T.: 0.009 min
Response: 596802
Conc: 946.77 ng/ml



#15 AR-1232-5

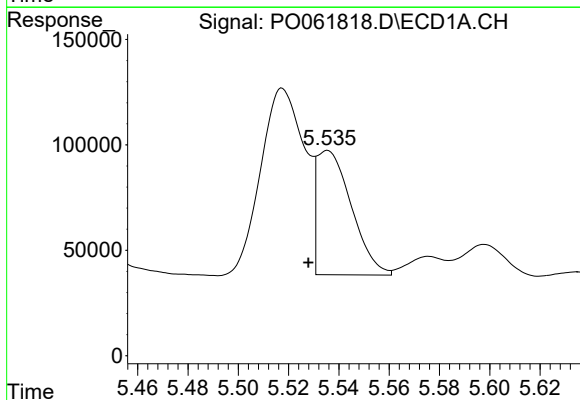
R.T.: 5.786 min
Delta R.T.: -0.013 min
Response: 1137664
Conc: 1640.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



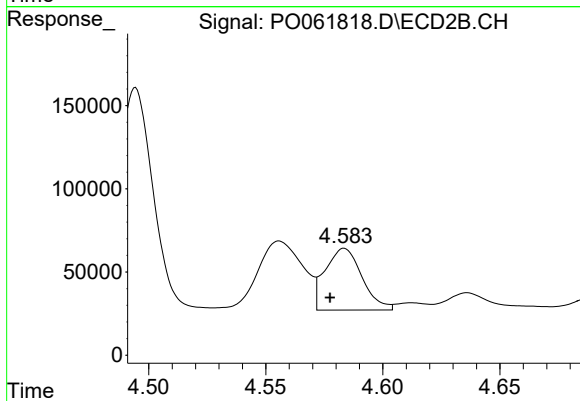
#15 AR-1232-5

R.T.: 5.000 min
Delta R.T.: -0.013 min
Response: 535857
Conc: 780.96 ng/ml



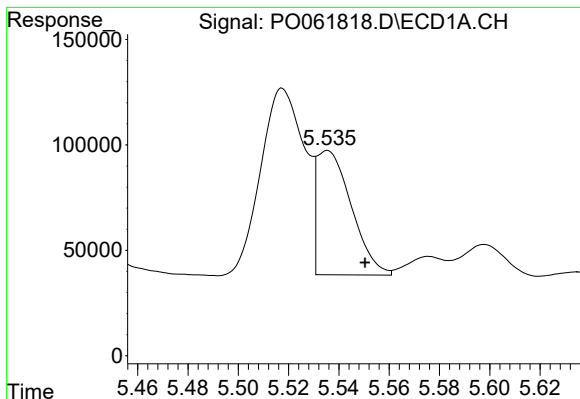
#16 AR-1242-1

R.T.: 5.535 min
Delta R.T.: 0.007 min
Response: 565874
Conc: 398.46 ng/ml



#16 AR-1242-1

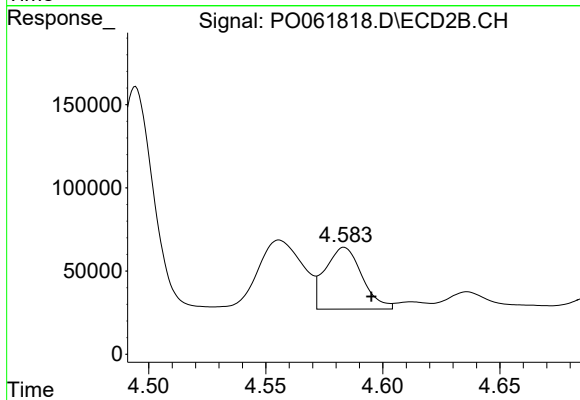
R.T.: 4.584 min
Delta R.T.: 0.006 min
Response: 406876
Conc: 397.14 ng/ml



#17 AR-1242-2

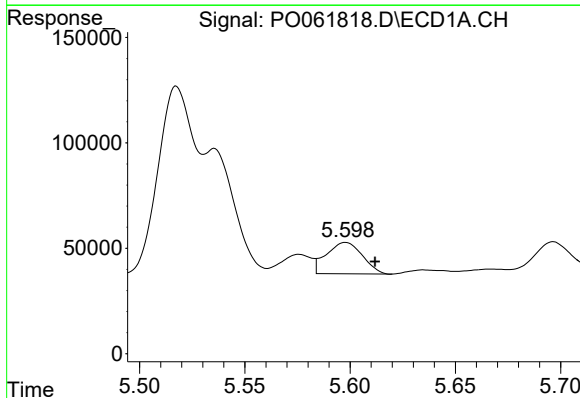
R.T.: 5.535 min
Delta R.T.: -0.015 min
Response: 565874
Conc: 281.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



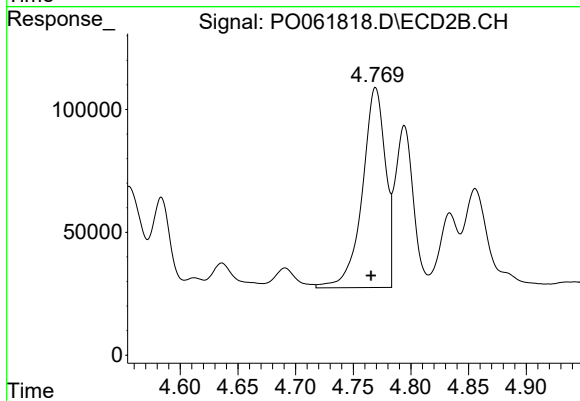
#17 AR-1242-2

R.T.: 4.584 min
Delta R.T.: -0.012 min
Response: 406876
Conc: 288.52 ng/ml



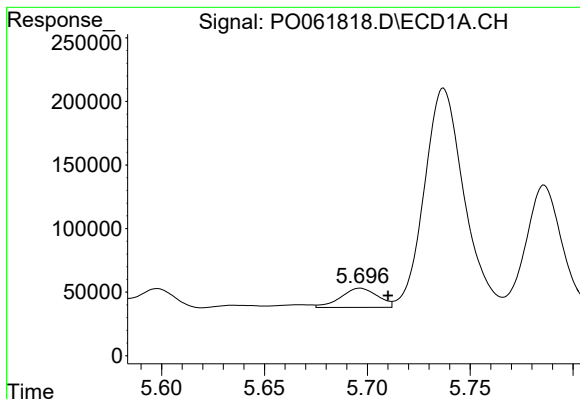
#18 AR-1242-3

R.T.: 5.598 min
Delta R.T.: -0.014 min
Response: 177563
Conc: 140.71 ng/ml



#18 AR-1242-3

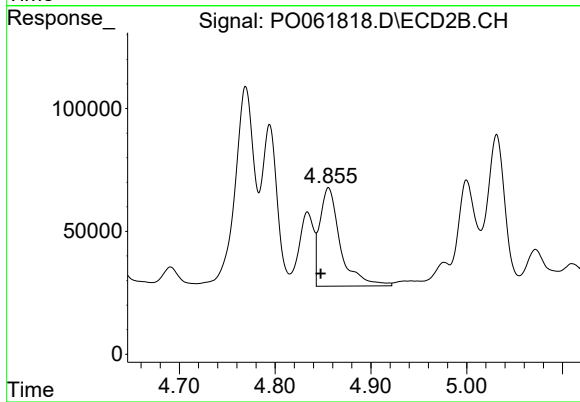
R.T.: 4.769 min
Delta R.T.: 0.004 min
Response: 1130573
Conc: 1447.81 ng/ml



#19 AR-1242-4

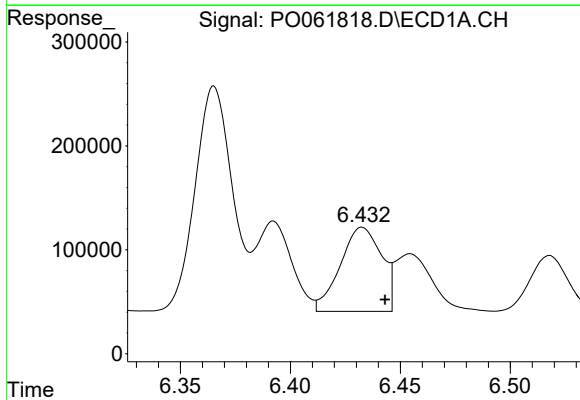
R.T.: 5.697 min
Delta R.T.: -0.014 min
Response: 187304
Conc: 178.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



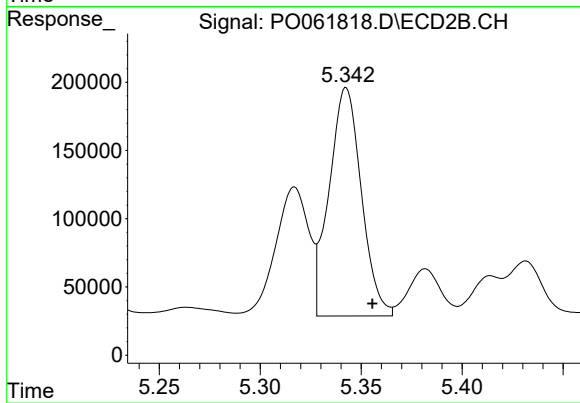
#19 AR-1242-4

R.T.: 4.856 min
Delta R.T.: 0.008 min
Response: 596802
Conc: 727.28 ng/ml



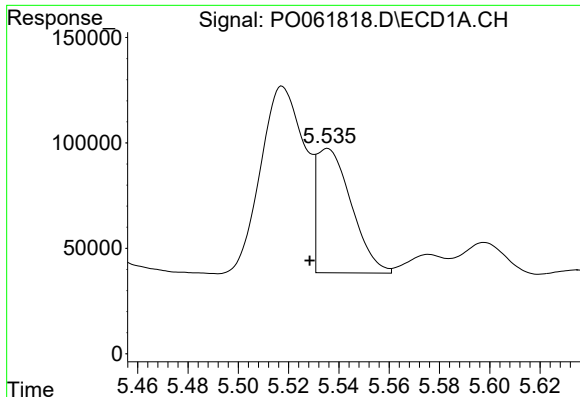
#20 AR-1242-5

R.T.: 6.433 min
Delta R.T.: -0.010 min
Response: 1057332
Conc: 790.53 ng/ml



#20 AR-1242-5

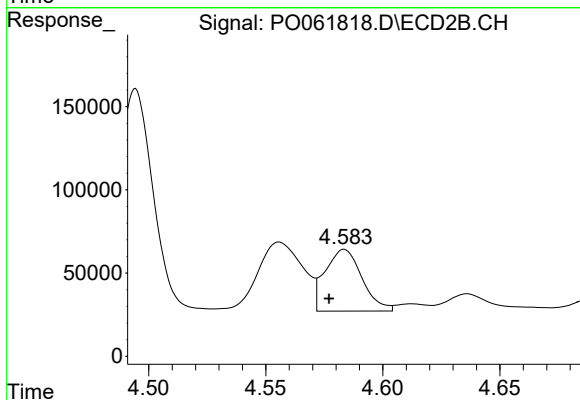
R.T.: 5.343 min
Delta R.T.: -0.013 min
Response: 1862828
Conc: 1738.94 ng/ml



#21 AR-1248-1

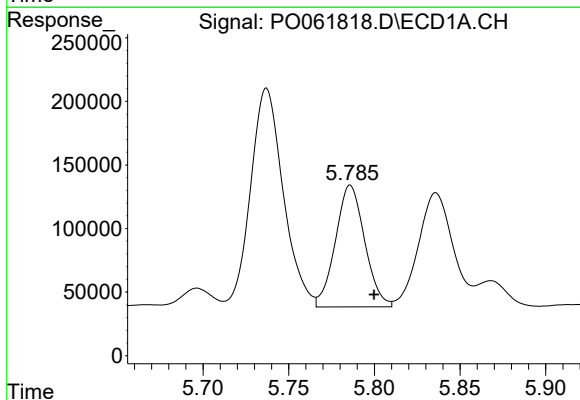
R.T.: 5.535 min
Delta R.T.: 0.007 min
Response: 565874
Conc: 481.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



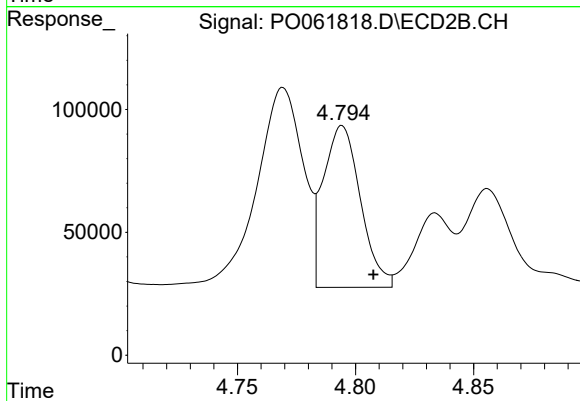
#21 AR-1248-1

R.T.: 4.584 min
Delta R.T.: 0.006 min
Response: 406876
Conc: 454.70 ng/ml



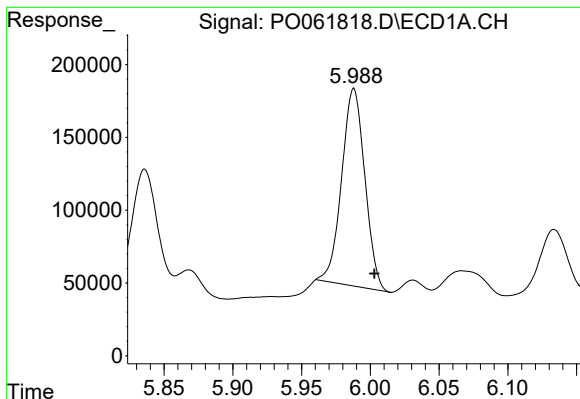
#22 AR-1248-2

R.T.: 5.786 min
Delta R.T.: -0.014 min
Response: 1137664
Conc: 674.30 ng/ml



#22 AR-1248-2

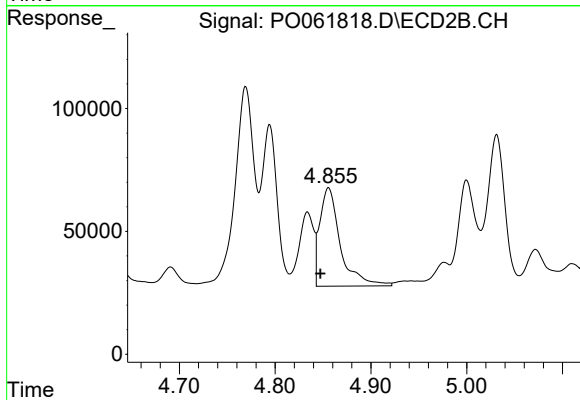
R.T.: 4.794 min
Delta R.T.: -0.013 min
Response: 722496
Conc: 613.19 ng/ml



#23 AR-1248-3

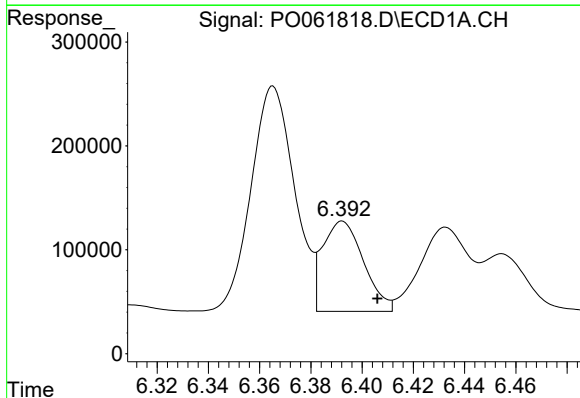
R.T.: 5.988 min
Delta R.T.: -0.015 min
Response: 1592041
Conc: 851.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



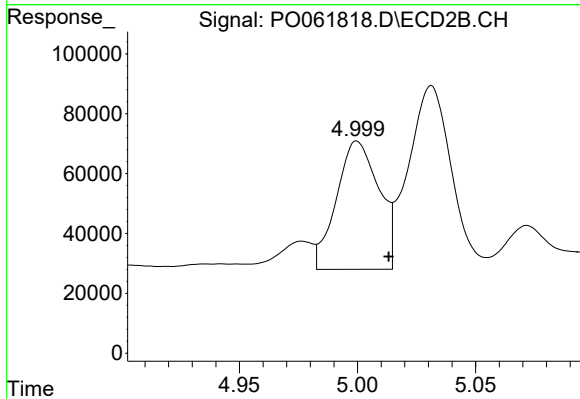
#23 AR-1248-3

R.T.: 4.856 min
Delta R.T.: 0.009 min
Response: 596802
Conc: 480.80 ng/ml



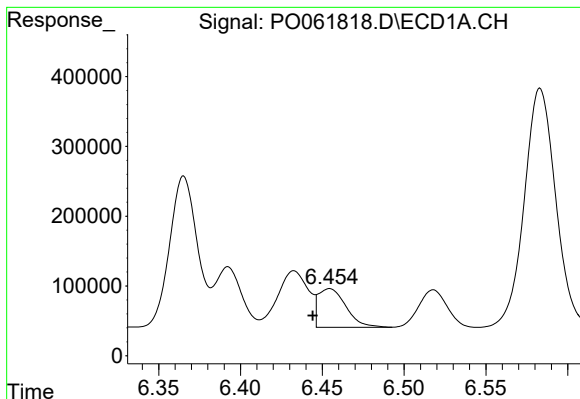
#24 AR-1248-4

R.T.: 6.392 min
Delta R.T.: -0.014 min
Response: 962990
Conc: 407.56 ng/ml



#24 AR-1248-4

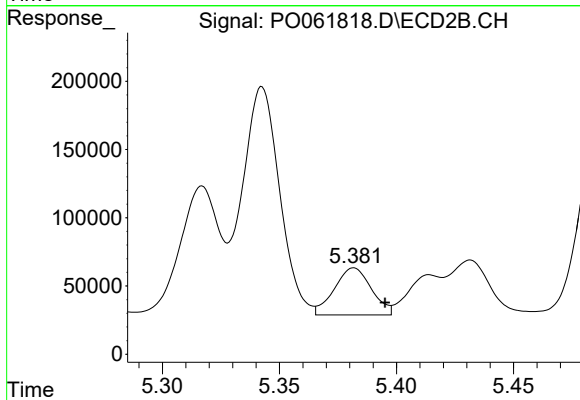
R.T.: 5.000 min
Delta R.T.: -0.013 min
Response: 535857
Conc: 356.45 ng/ml



#25 AR-1248-5

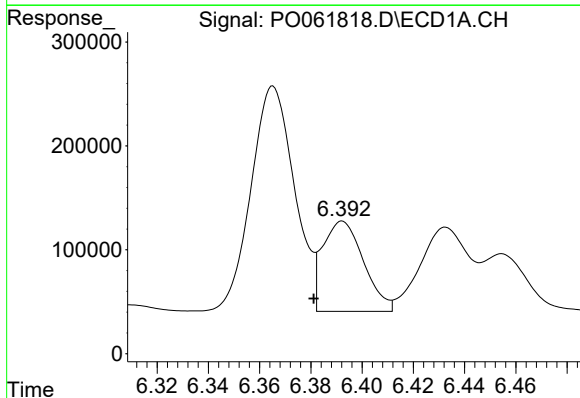
R.T.: 6.454 min
Delta R.T.: 0.010 min
Response: 656068
Conc: 289.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



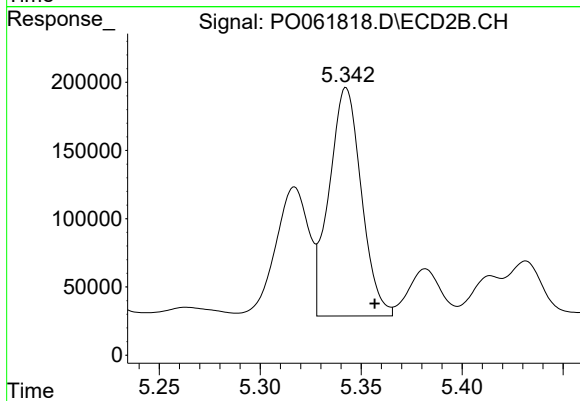
#25 AR-1248-5

R.T.: 5.382 min
Delta R.T.: -0.013 min
Response: 380358
Conc: 247.93 ng/ml



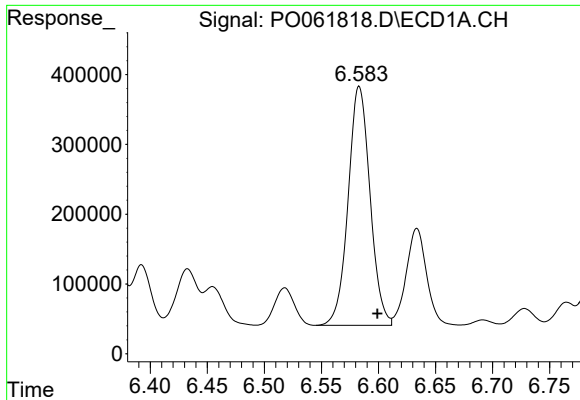
#26 AR-1254-1

R.T.: 6.392 min
Delta R.T.: 0.011 min
Response: 962990
Conc: 422.11 ng/ml



#26 AR-1254-1

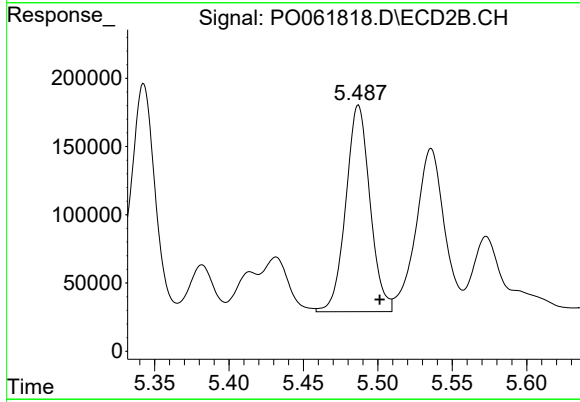
R.T.: 5.343 min
Delta R.T.: -0.014 min
Response: 1862828
Conc: 849.33 ng/ml



#27 AR-1254-2

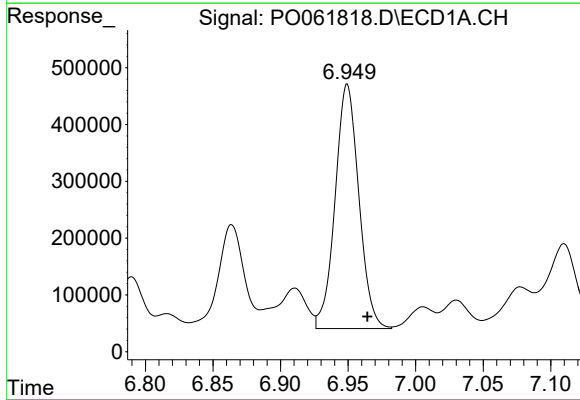
R.T.: 6.583 min
Delta R.T.: -0.016 min
Response: 4575399
Conc: 1266.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



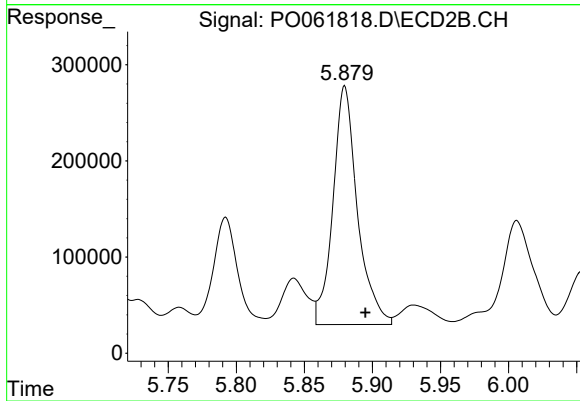
#27 AR-1254-2

R.T.: 5.487 min
Delta R.T.: -0.014 min
Response: 1710260
Conc: 872.36 ng/ml



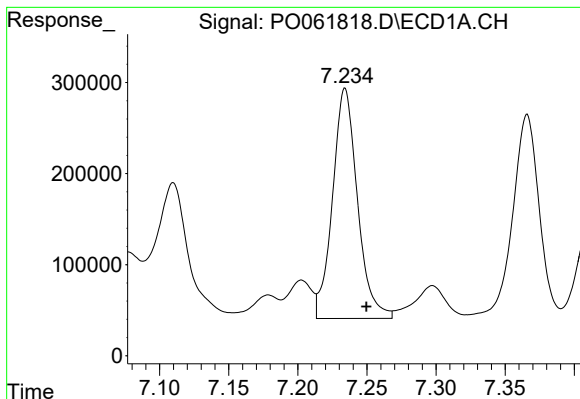
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: -0.015 min
Response: 5260616
Conc: 1346.34 ng/ml



#28 AR-1254-3

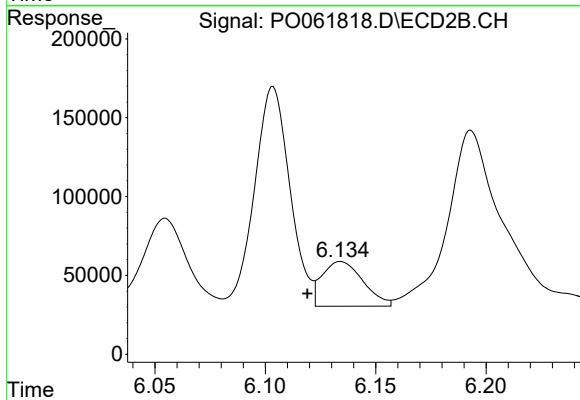
R.T.: 5.880 min
Delta R.T.: -0.015 min
Response: 3103926
Conc: 974.93 ng/ml



#29 AR-1254-4

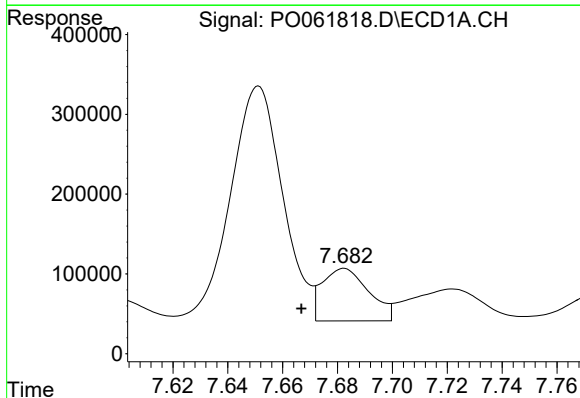
R.T.: 7.234 min
Delta R.T.: -0.016 min
Response: 3175733
Conc: 1048.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



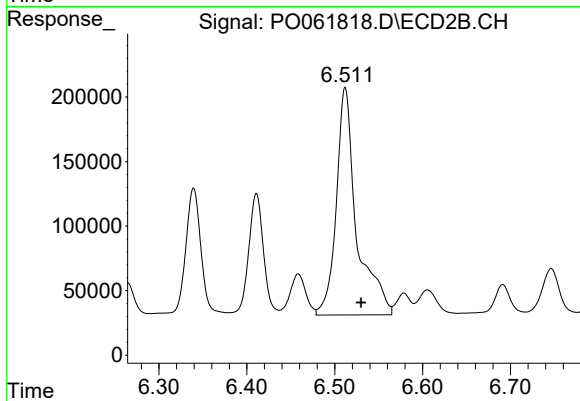
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: 0.015 min
Response: 366943
Conc: 180.86 ng/ml



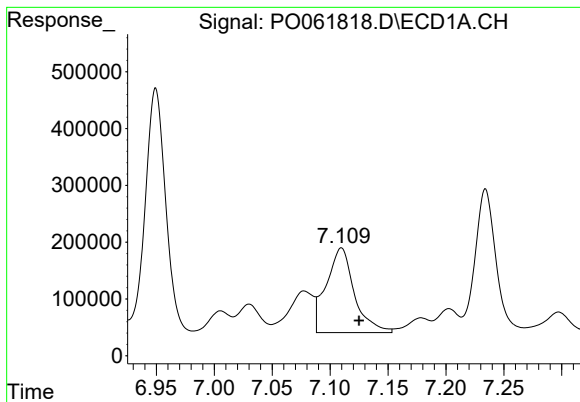
#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: 0.016 min
Response: 774210
Conc: 246.53 ng/ml



#30 AR-1254-5

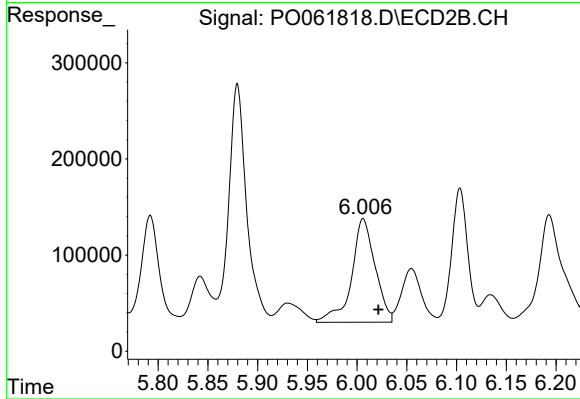
R.T.: 6.512 min
Delta R.T.: -0.018 min
Response: 2834324
Conc: 1002.07 ng/ml



#31 AR-1260-1

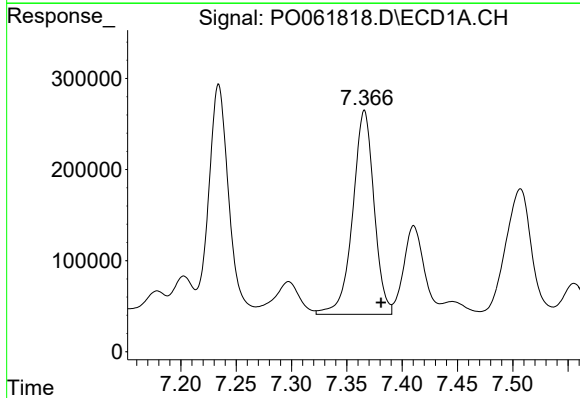
R.T.: 7.110 min
Delta R.T.: -0.015 min
Response: 2515663
Conc: 963.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



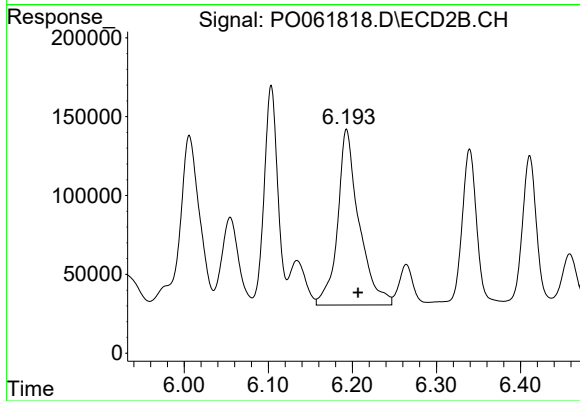
#31 AR-1260-1

R.T.: 6.006 min
Delta R.T.: -0.015 min
Response: 1776013
Conc: 870.68 ng/ml



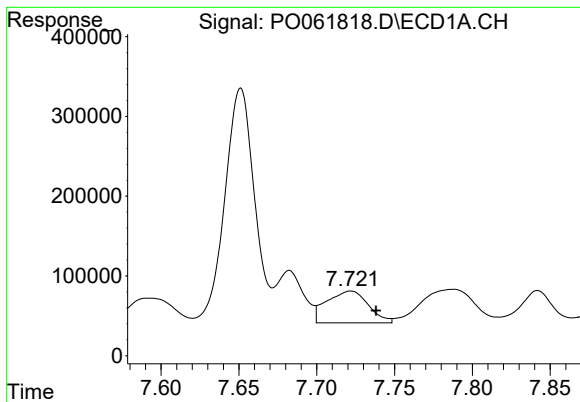
#32 AR-1260-2

R.T.: 7.366 min
Delta R.T.: -0.015 min
Response: 3006822
Conc: 943.17 ng/ml



#32 AR-1260-2

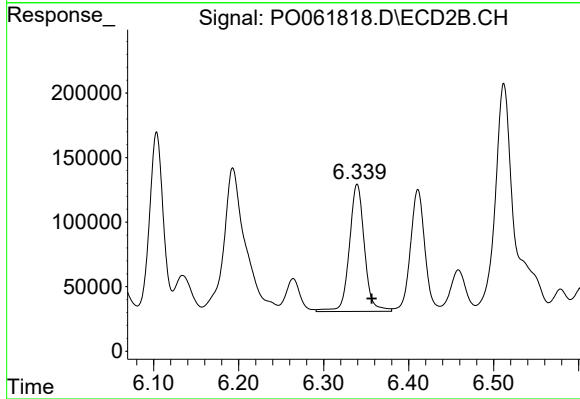
R.T.: 6.193 min
Delta R.T.: -0.014 min
Response: 1973095
Conc: 821.53 ng/ml



#33 AR-1260-3

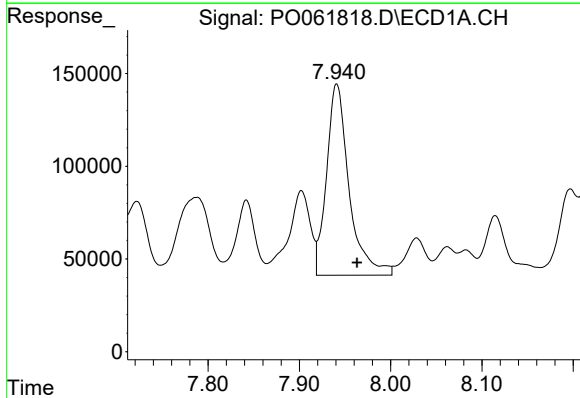
R.T.: 7.722 min
Delta R.T.: -0.016 min
Response: 745761
Conc: 310.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



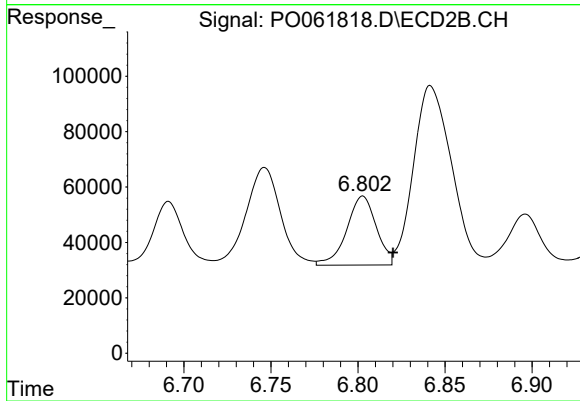
#33 AR-1260-3

R.T.: 6.339 min
Delta R.T.: -0.017 min
Response: 1215997
Conc: 539.70 ng/ml



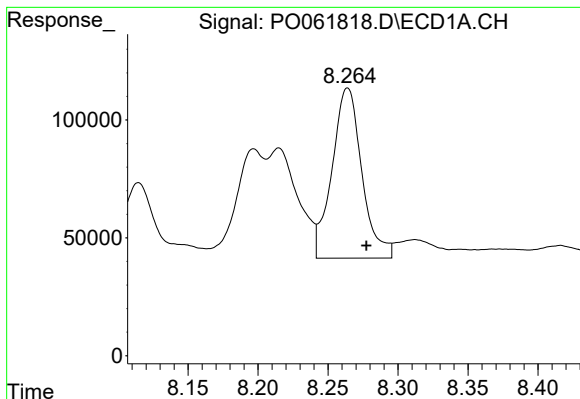
#34 AR-1260-4

R.T.: 7.941 min
Delta R.T.: -0.022 min
Response: 1772009
Conc: 663.17 ng/ml



#34 AR-1260-4

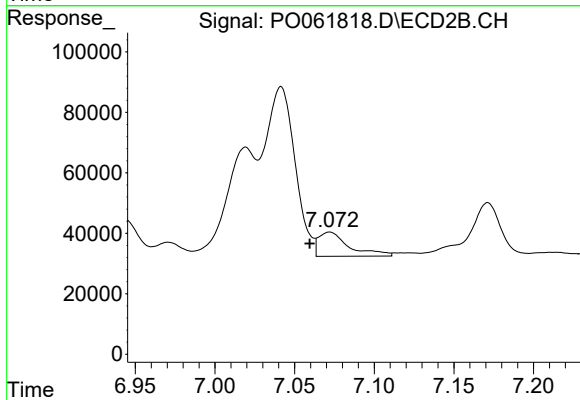
R.T.: 6.803 min
Delta R.T.: -0.017 min
Response: 294625
Conc: 159.58 ng/ml



#35 AR-1260-5

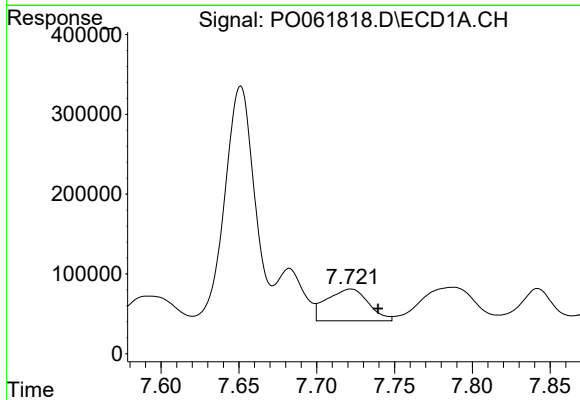
R.T.: 8.264 min
Delta R.T.: -0.014 min
Response: 1070908
Conc: 216.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



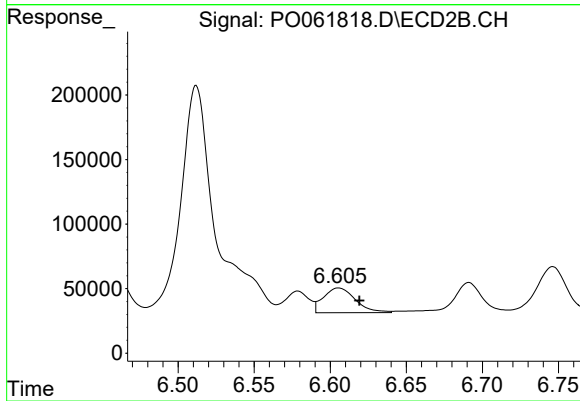
#35 AR-1260-5

R.T.: 7.072 min
Delta R.T.: 0.013 min
Response: 107132
Conc: 27.51 ng/ml



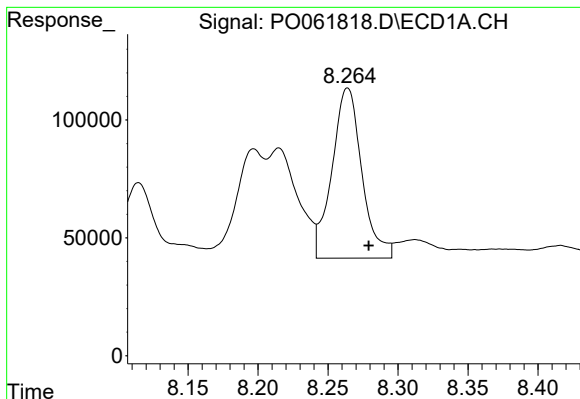
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.018 min
Response: 745761
Conc: 194.64 ng/ml



#36 AR-1262-1

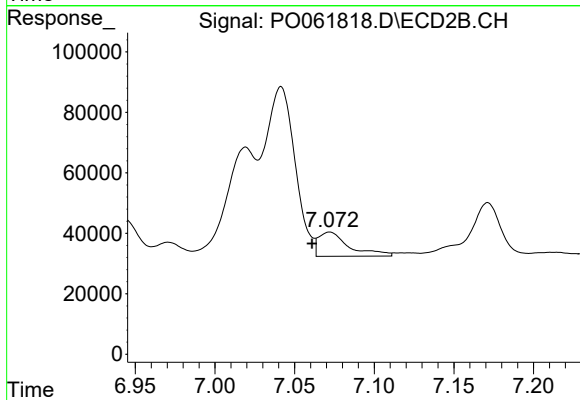
R.T.: 6.605 min
Delta R.T.: -0.014 min
Response: 280129
Conc: 229.49 ng/ml



#37 AR-1262-2

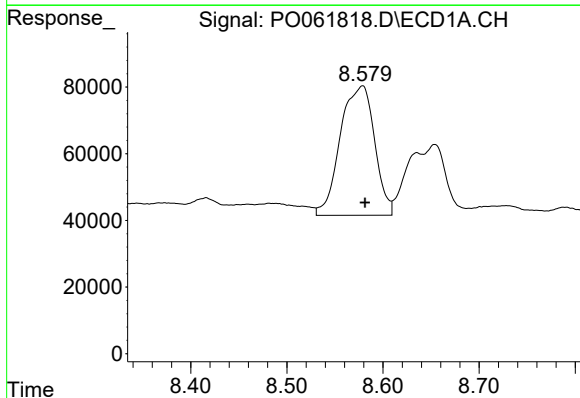
R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 1070908
Conc: 172.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



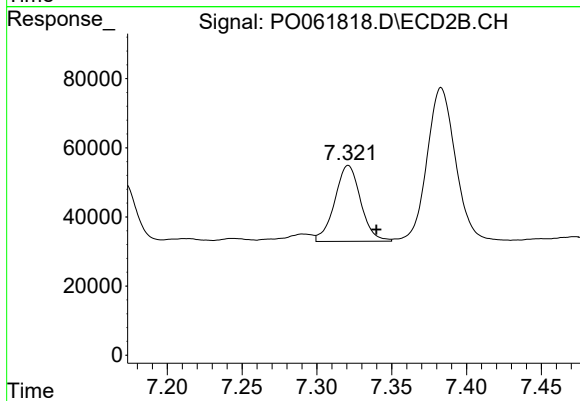
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 107132
Conc: 23.30 ng/ml



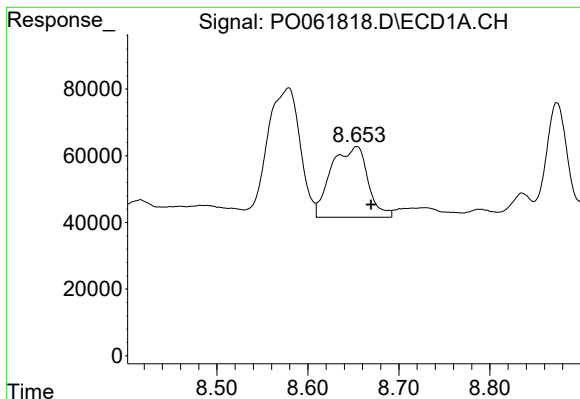
#38 AR-1262-3

R.T.: 8.578 min
Delta R.T.: -0.003 min
Response: 962911
Conc: 231.67 ng/ml



#38 AR-1262-3

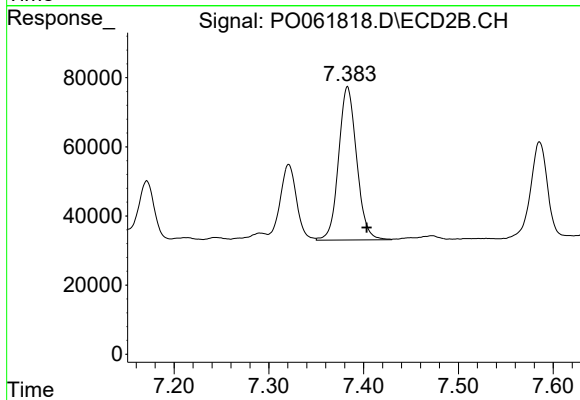
R.T.: 7.321 min
Delta R.T.: -0.019 min
Response: 265635
Conc: 141.01 ng/ml



#39 AR-1262-4

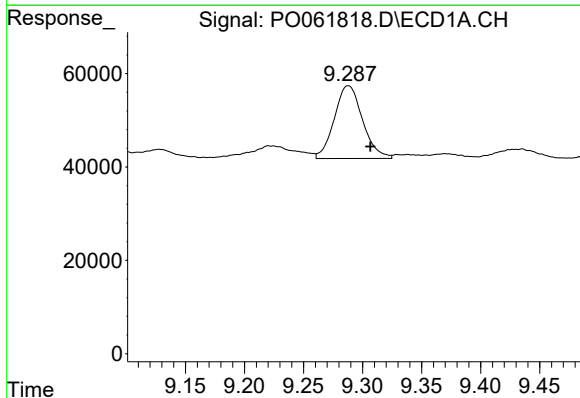
R.T.: 8.654 min
Delta R.T.: -0.016 min
Response: 591636
Conc: 187.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



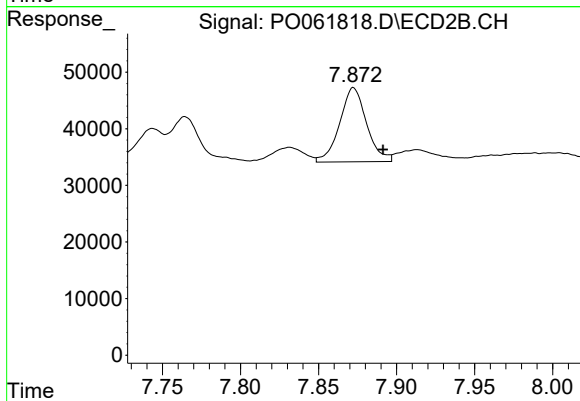
#39 AR-1262-4

R.T.: 7.383 min
Delta R.T.: -0.020 min
Response: 586346
Conc: 174.47 ng/ml



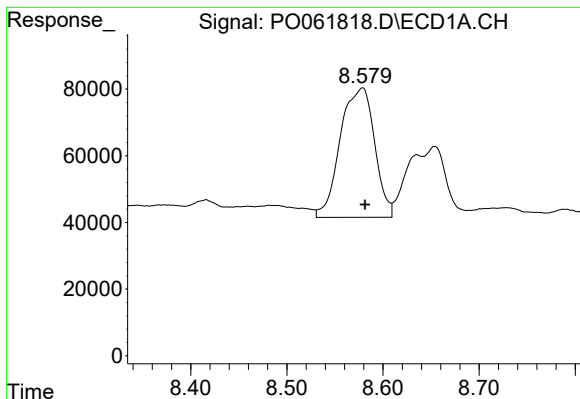
#40 AR-1262-5

R.T.: 9.288 min
Delta R.T.: -0.019 min
Response: 259286
Conc: 127.50 ng/ml



#40 AR-1262-5

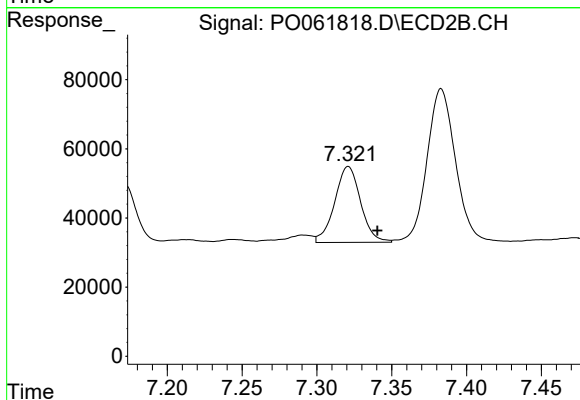
R.T.: 7.872 min
Delta R.T.: -0.019 min
Response: 157253
Conc: 103.73 ng/ml



#41 AR-1268-1

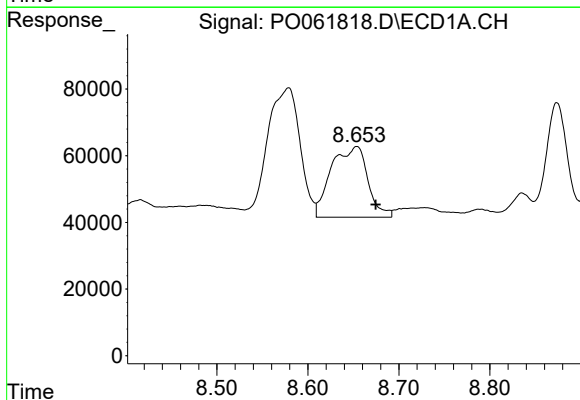
R.T.: 8.578 min
Delta R.T.: -0.003 min
Response: 962911
Conc: 143.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



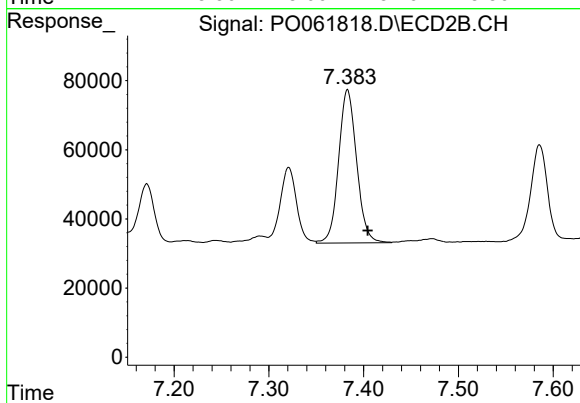
#41 AR-1268-1

R.T.: 7.321 min
Delta R.T.: -0.019 min
Response: 265635
Conc: 55.01 ng/ml



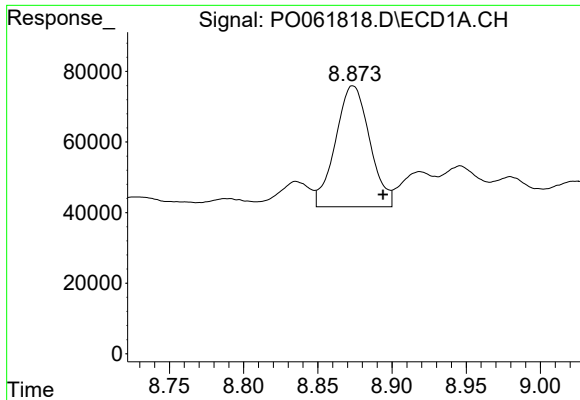
#42 AR-1268-2

R.T.: 8.654 min
Delta R.T.: -0.021 min
Response: 591636
Conc: 95.54 ng/ml



#42 AR-1268-2

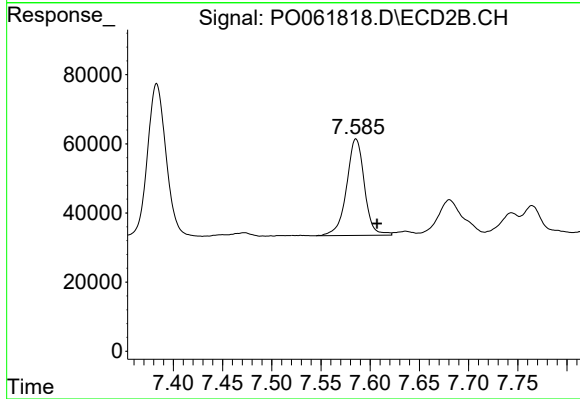
R.T.: 7.383 min
Delta R.T.: -0.021 min
Response: 586346
Conc: 136.05 ng/ml



#43 AR-1268-3

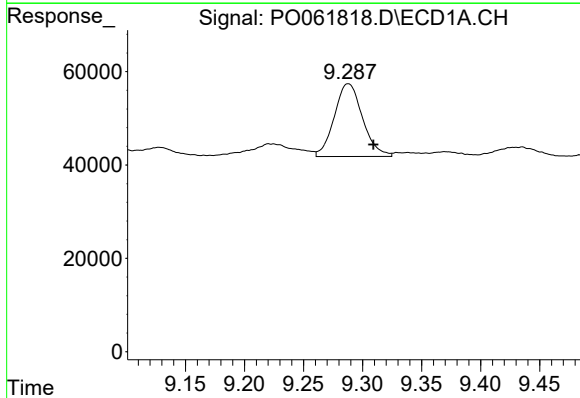
R.T.: 8.874 min
Delta R.T.: -0.020 min
Response: 548981
Conc: 107.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



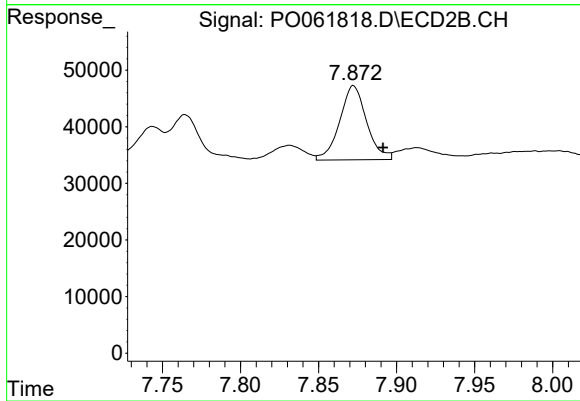
#43 AR-1268-3

R.T.: 7.586 min
Delta R.T.: -0.022 min
Response: 352531
Conc: 98.36 ng/ml



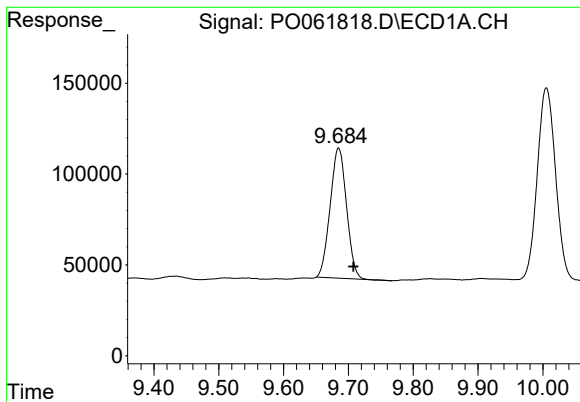
#44 AR-1268-4

R.T.: 9.288 min
Delta R.T.: -0.021 min
Response: 259286
Conc: 118.58 ng/ml



#44 AR-1268-4

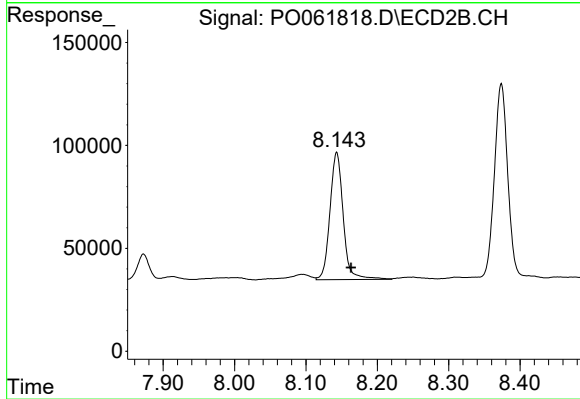
R.T.: 7.872 min
Delta R.T.: -0.019 min
Response: 157253
Conc: 97.71 ng/ml



#45 AR-1268-5

R.T.: 9.685 min
Delta R.T.: -0.023 min
Response: 1257673
Conc: 83.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.143 min
Delta R.T.: -0.020 min
Response: 797545
Conc: 79.31 ng/ml