

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0082818\
 Data File : P0048595.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2018 13:23
 Operator : SM/SJ
 Sample : J4661-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:10:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 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...	4.379	3.621	1061886	1373657	5.606	5.074
2) SA Decachlor...	10.058	8.595	630625	555248	3.662	3.315
Target Compounds						
3) L1 AR-1016-1	5.087	4.292	820990	1304775	172.150	217.744 #
4) L1 AR-1016-2	5.280	4.702	1964349	3051687	418.916	347.403
5) L1 AR-1016-3	5.547	4.720	2432360	5292030	357.467	413.416
6) L1 AR-1016-4	5.634	4.777	904251	1367742	148.740	166.772
7) L1 AR-1016-5	6.023	5.149	1960994	2457606	392.672	332.492
9) L2 AR-1221-2	4.752	3.996	143509	104557	94.653	54.348 #
10) L2 AR-1221-3	4.752	3.996	143509	104557	28.927	16.768 #
11) L3 AR-1232-1	5.570	4.479	4600027	3603600	1023.751	1234.748
12) L3 AR-1232-2	5.730	4.720	1565396	5292030	689.035	883.767 #
13) L3 AR-1232-3	5.819	4.977	1852039	2230528	1101.433	848.684
14) L3 AR-1232-4	6.398	5.297	1571066	2391355	969.961	861.995
15) L3 AR-1232-5	6.464	5.540	1599916	1618669	679.968	525.852
16) L4 AR-1242-1	5.117	4.312	750145	1322590	313.134	378.204
17) L4 AR-1242-2	5.864	4.896	1756527	1723501	484.627	315.085 #
18) L4 AR-1242-3	6.064	4.936	815970	1898563	472.871	452.412
19) L4 AR-1242-4	6.107	5.712	650994	1114156	504.590	252.763 #
20) L4 AR-1242-5	6.164	5.760	2326410	795590	520.605	216.419 #
21) L5 AR-1248-1	5.819	4.936	1852039	1898563	313.733	250.533
22) L5 AR-1248-2	6.398	5.499	1571066	2626204	270.305	199.476 #
23) L5 AR-1248-3	6.425	5.540	1418549	1618669	183.817	177.422
24) L5 AR-1248-4	6.464	5.712	1599916	1114156	218.414	141.163 #
25) L5 AR-1248-5	6.663	6.048	967417	3805477	199.958	634.871 #
26) L6 AR-1254-1	6.618	5.645	2013253	1480778	148.308	102.921 #
27) L6 AR-1254-2	6.896	5.958	850517	2301535	103.051	198.719 #
28) L6 AR-1254-3	6.983	6.275	1659308	1992694	115.646	136.041
29) L6 AR-1254-4	7.267	6.589	1071252	725747	97.473	73.747
30) L6 AR-1254-5	7.538	6.689	965675	1897689	118.492	97.382
31) L7 AR-1260-1	7.143	6.176	1178428	2292910	118.301	165.569 #
32) L7 AR-1260-2	7.399	6.362	1664080	1490359	138.916	84.952 #
33) L7 AR-1260-3	7.684	6.516	1267258	1025601	92.336	66.888 #
34) L7 AR-1260-4	7.978	6.985	934066	451472	94.344	38.787 #
35) L7 AR-1260-5	8.297	7.225	1801853	2223225	94.387	82.103
36) L8 AR-1262-1	7.039	6.048	375826	3805477	48.121	358.008 #
37) L8 AR-1262-2	7.814	6.780	394666	1310791	61.294	137.123 #
38) L8 AR-1262-3	8.061	7.083	1539088	289594	222.907	30.672 #
39) L8 AR-1262-4	8.671	7.507	413652	313002	30.284	23.259

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

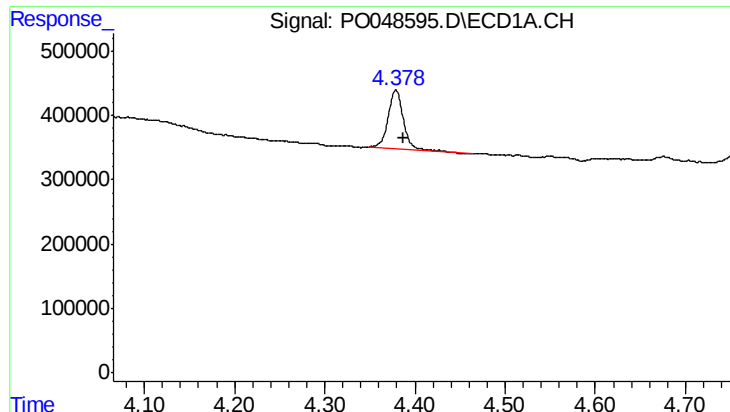
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:10:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.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	nq/ml	nq/ml
40) L8	AR-1262-5	9.333	8.065	1389461	377359	150.272	36.638 #
41) L9	AR-1268-1	7.759	6.726	993773	874352	187.290	113.036 #
42) L9	AR-1268-2	7.978	7.572	934066	986607	136.788	32.686 #
43) L9	AR-1268-3	8.619	0.000	730485	0	28.315	N.D. #
44) L9	AR-1268-4	8.929	7.873	122969	45114	5.973	6.896
45) L9	AR-1268-5	9.735	8.349	72952	231486	1.202	3.718 #

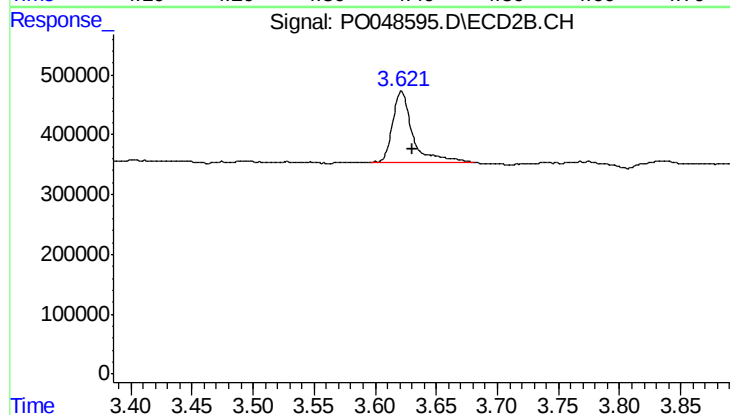
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

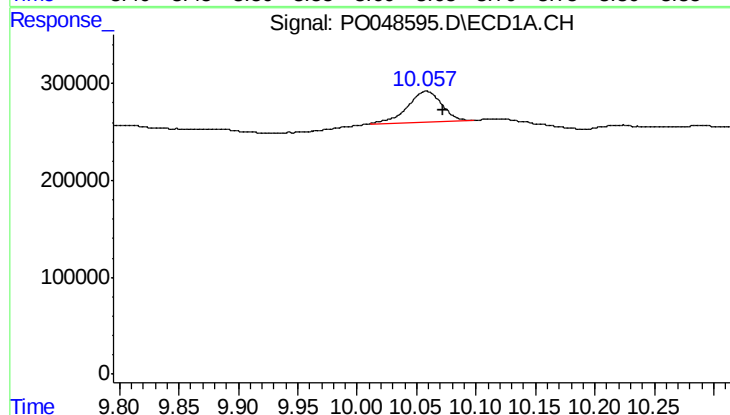
R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 1061886
Conc: 5.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



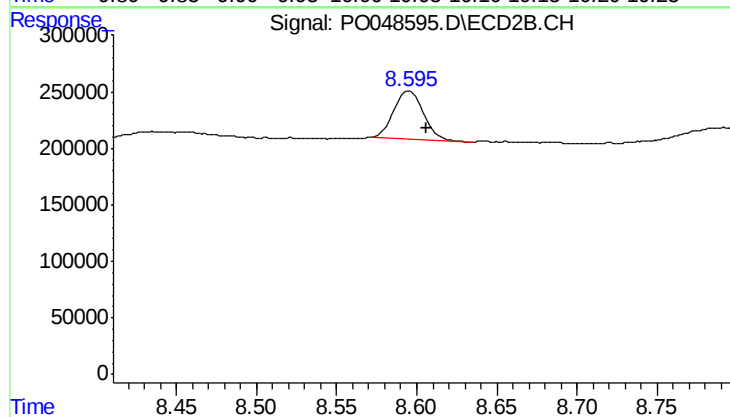
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.009 min
Response: 1373657
Conc: 5.07 ng/ml



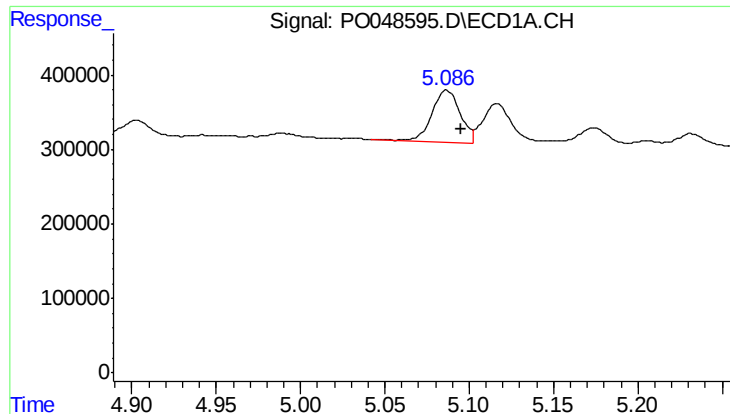
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: -0.014 min
Response: 630625
Conc: 3.66 ng/ml



#2 Decachlorobiphenyl

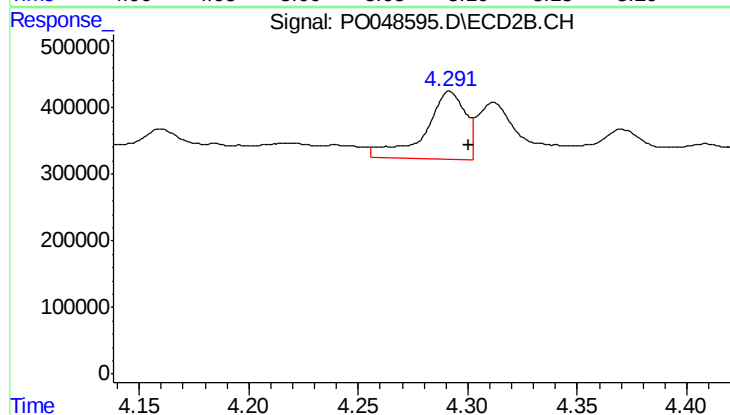
R.T.: 8.595 min
Delta R.T.: -0.011 min
Response: 555248
Conc: 3.32 ng/ml



#3 AR-1016-1

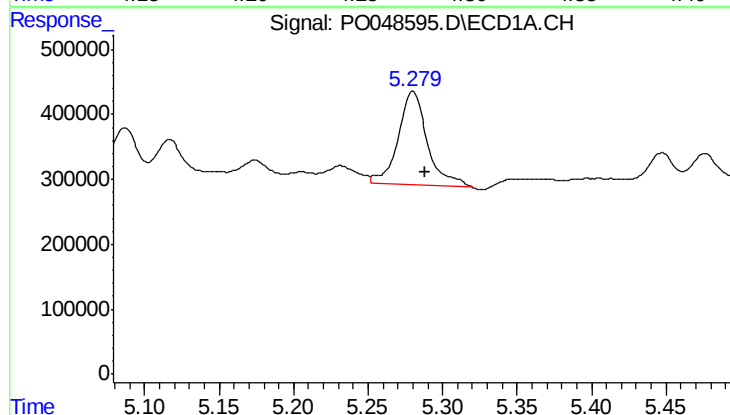
R.T.: 5.087 min
Delta R.T.: -0.008 min
Response: 820990
Conc: 172.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



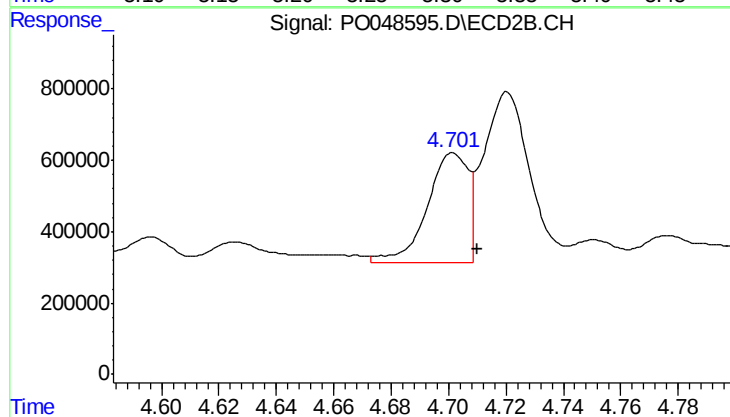
#3 AR-1016-1

R.T.: 4.292 min
Delta R.T.: -0.009 min
Response: 1304775
Conc: 217.74 ng/ml



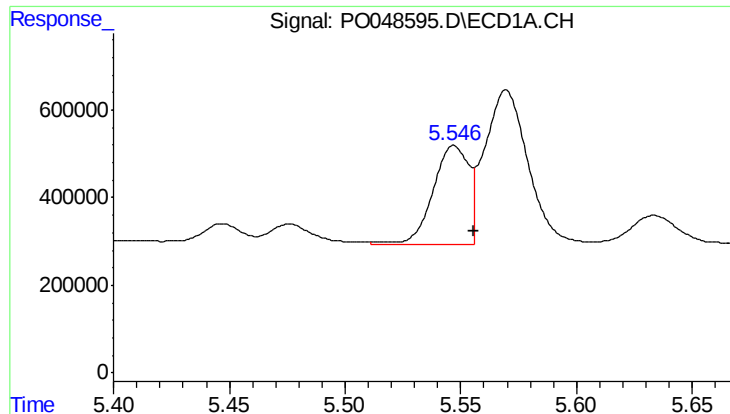
#4 AR-1016-2

R.T.: 5.280 min
Delta R.T.: -0.008 min
Response: 1964349
Conc: 418.92 ng/ml



#4 AR-1016-2

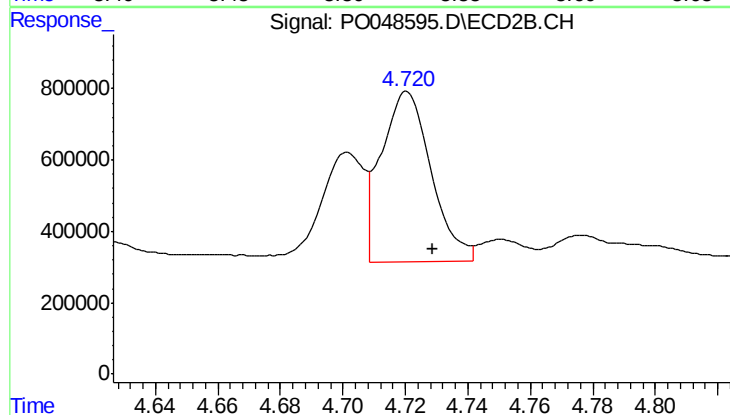
R.T.: 4.702 min
Delta R.T.: -0.008 min
Response: 3051687
Conc: 347.40 ng/ml



#5 AR-1016-3

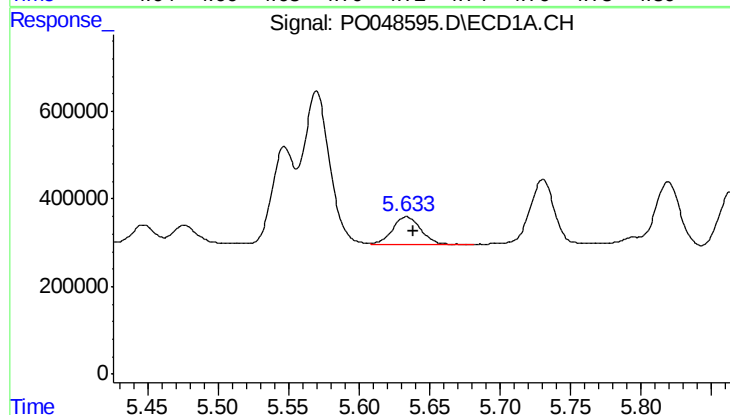
R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 2432360
Conc: 357.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



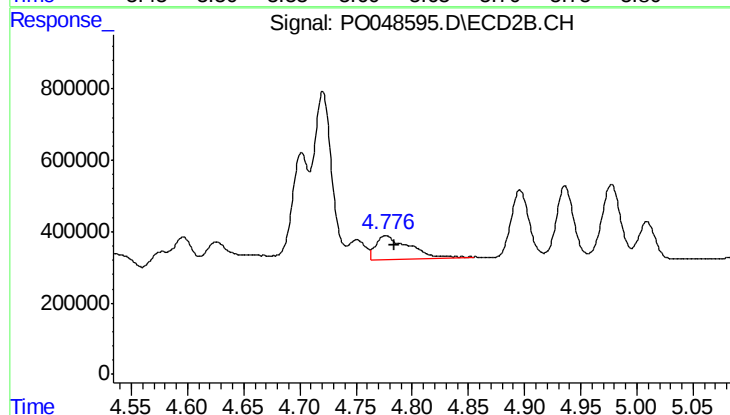
#5 AR-1016-3

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 5292030
Conc: 413.42 ng/ml



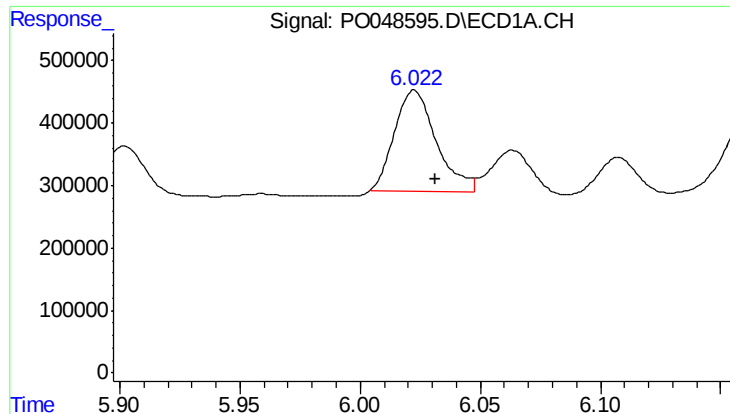
#6 AR-1016-4

R.T.: 5.634 min
Delta R.T.: -0.005 min
Response: 904251
Conc: 148.74 ng/ml



#6 AR-1016-4

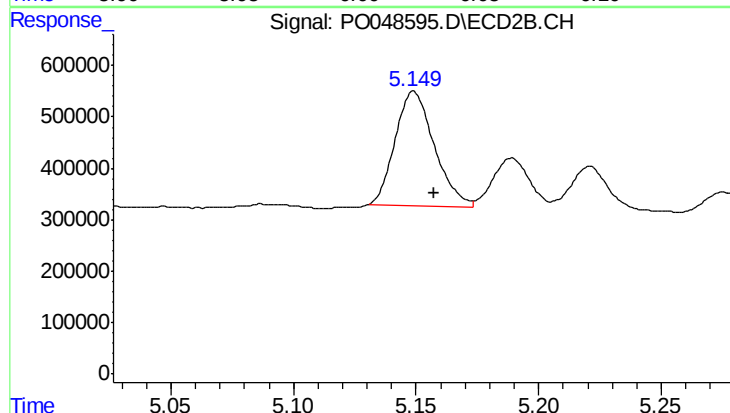
R.T.: 4.777 min
Delta R.T.: -0.008 min
Response: 1367742
Conc: 166.77 ng/ml



#7 AR-1016-5

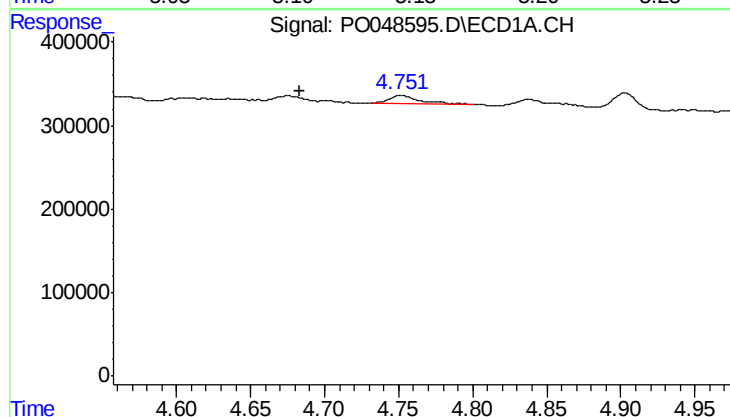
R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 1960994
Conc: 392.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



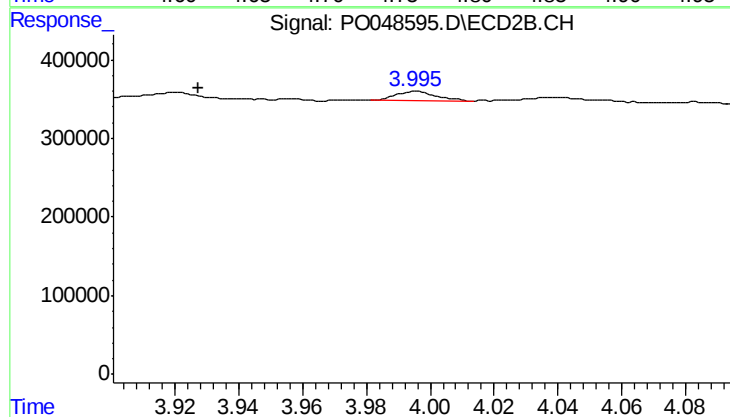
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.008 min
Response: 2457606
Conc: 332.49 ng/ml



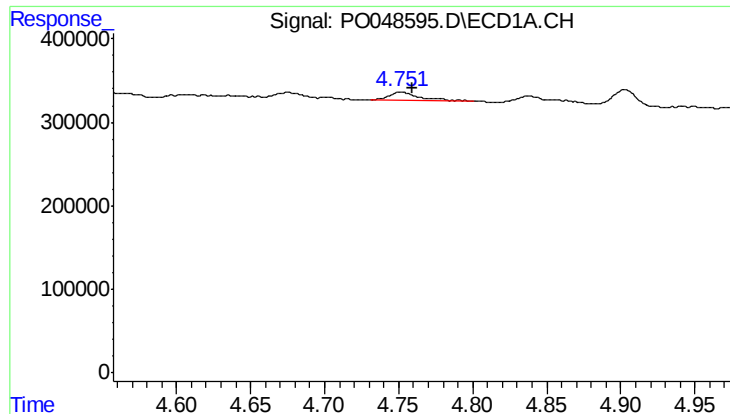
#9 AR-1221-2

R.T.: 4.752 min
Delta R.T.: 0.069 min
Response: 143509
Conc: 94.65 ng/ml



#9 AR-1221-2

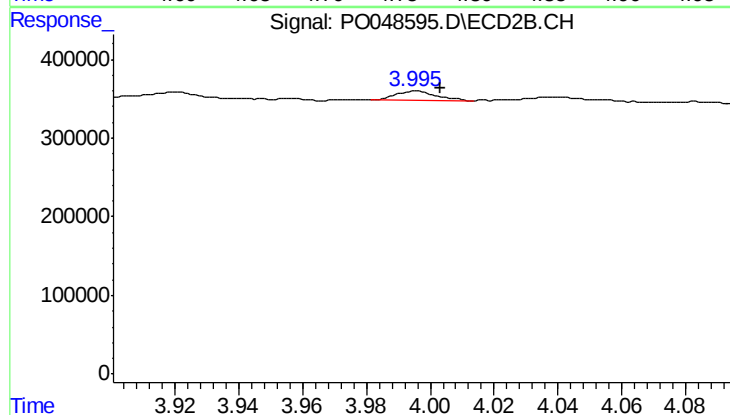
R.T.: 3.996 min
Delta R.T.: 0.068 min
Response: 104557
Conc: 54.35 ng/ml



#10 AR-1221-3

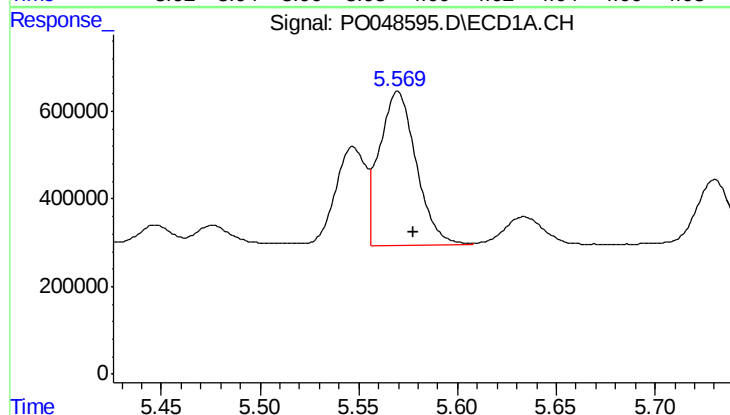
R.T.: 4.752 min
Delta R.T.: -0.008 min
Response: 143509
Conc: 28.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



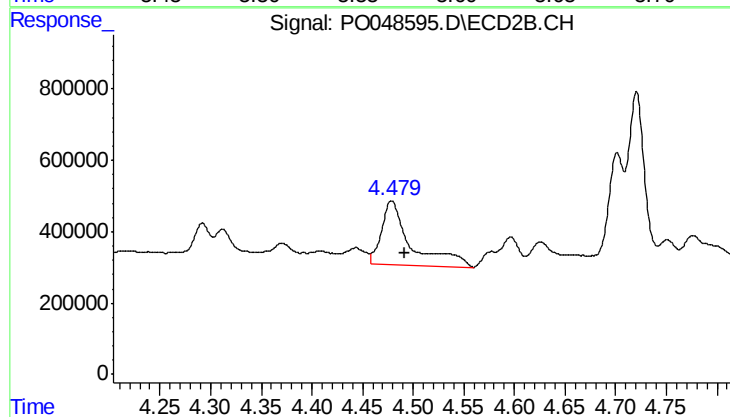
#10 AR-1221-3

R.T.: 3.996 min
Delta R.T.: -0.008 min
Response: 104557
Conc: 16.77 ng/ml



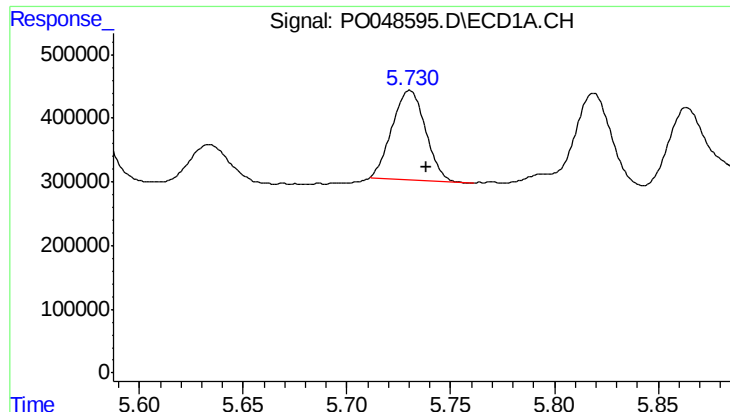
#11 AR-1232-1

R.T.: 5.570 min
Delta R.T.: -0.008 min
Response: 4600027
Conc: 1023.75 ng/ml



#11 AR-1232-1

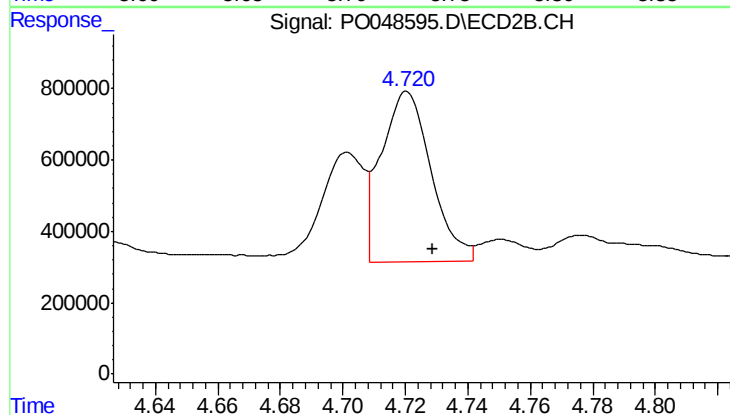
R.T.: 4.479 min
Delta R.T.: -0.013 min
Response: 3603600
Conc: 1234.75 ng/ml



#12 AR-1232-2

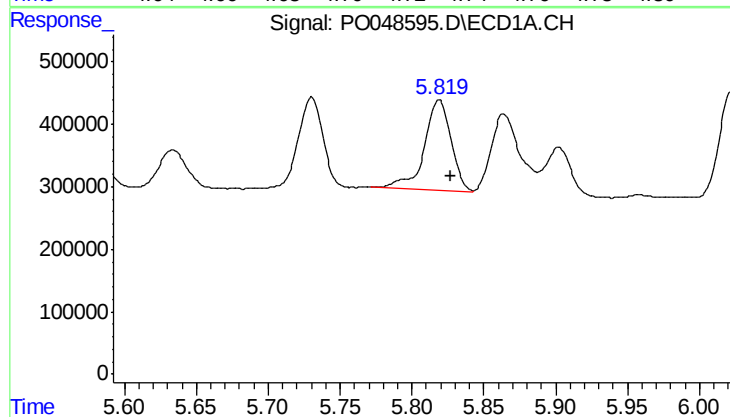
R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 1565396
Conc: 689.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



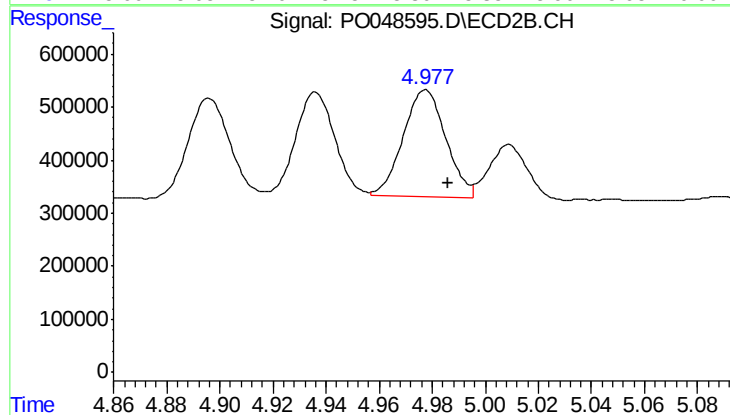
#12 AR-1232-2

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 5292030
Conc: 883.77 ng/ml



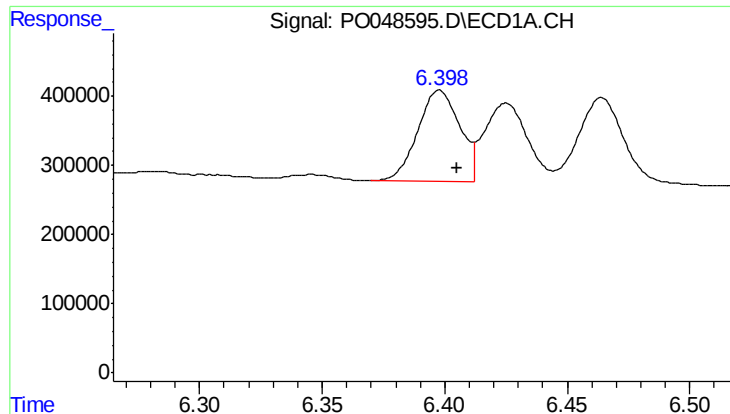
#13 AR-1232-3

R.T.: 5.819 min
Delta R.T.: -0.008 min
Response: 1852039
Conc: 1101.43 ng/ml



#13 AR-1232-3

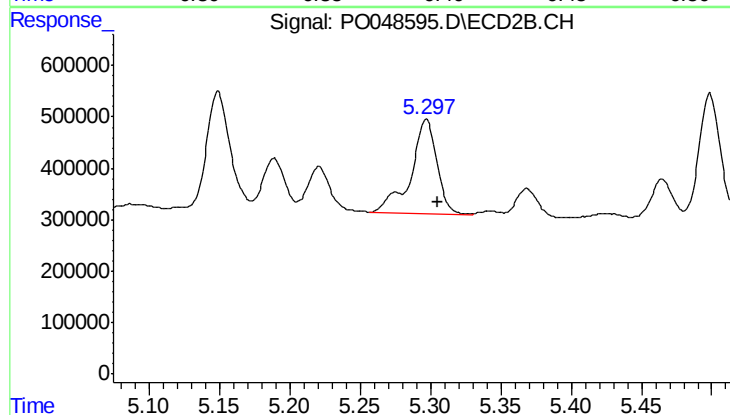
R.T.: 4.977 min
Delta R.T.: -0.009 min
Response: 2230528
Conc: 848.68 ng/ml



#14 AR-1232-4

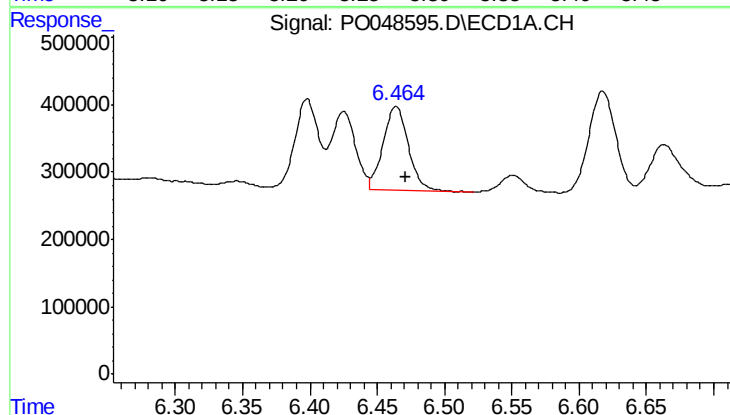
R.T.: 6.398 min
Delta R.T.: -0.007 min
Response: 1571066
Conc: 969.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



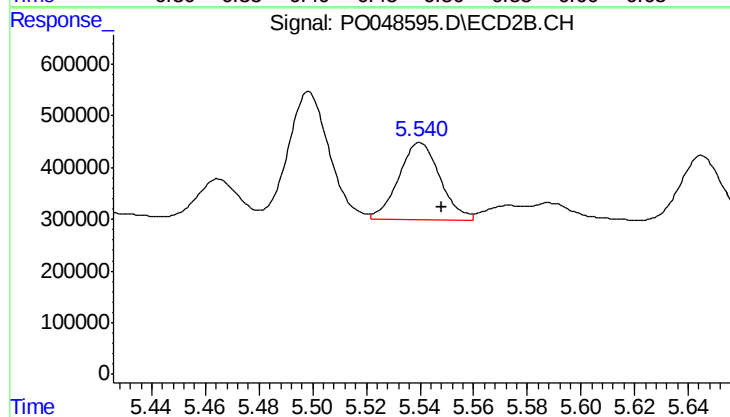
#14 AR-1232-4

R.T.: 5.297 min
Delta R.T.: -0.008 min
Response: 2391355
Conc: 861.99 ng/ml



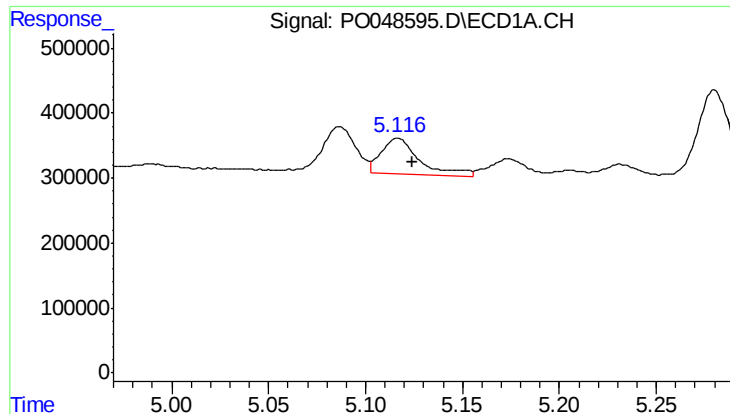
#15 AR-1232-5

R.T.: 6.464 min
Delta R.T.: -0.008 min
Response: 1599916
Conc: 679.97 ng/ml



#15 AR-1232-5

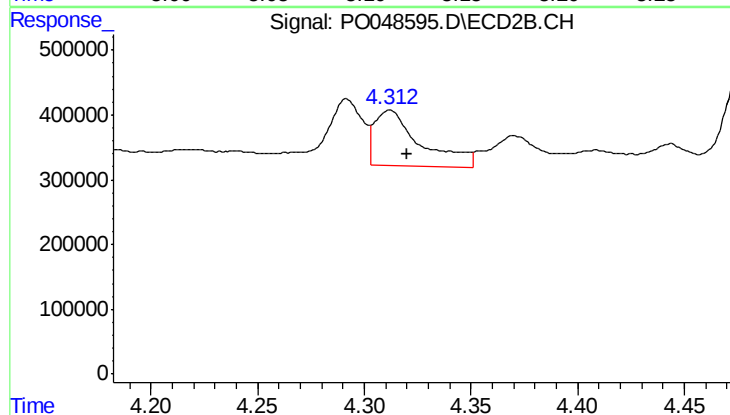
R.T.: 5.540 min
Delta R.T.: -0.008 min
Response: 1618669
Conc: 525.85 ng/ml



#16 AR-1242-1

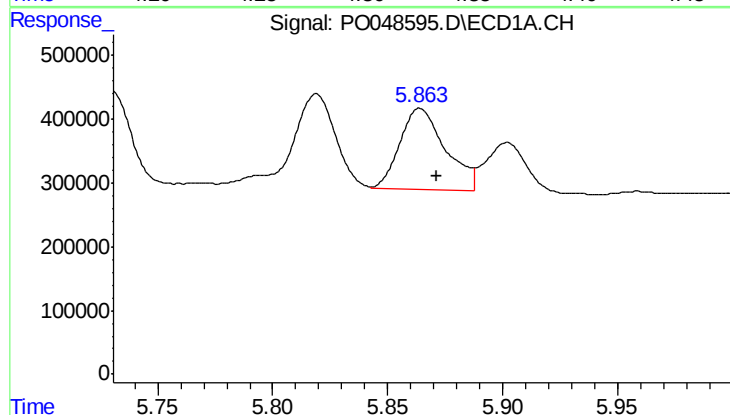
R.T.: 5.117 min
Delta R.T.: -0.008 min
Response: 750145
Conc: 313.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



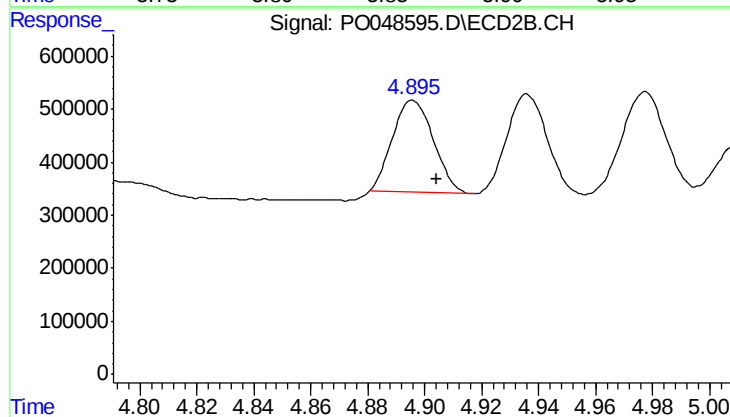
#16 AR-1242-1

R.T.: 4.312 min
Delta R.T.: -0.008 min
Response: 1322590
Conc: 378.20 ng/ml



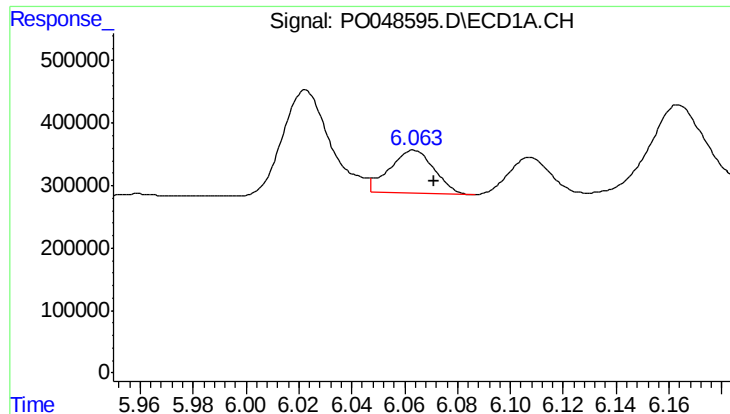
#17 AR-1242-2

R.T.: 5.864 min
Delta R.T.: -0.008 min
Response: 1756527
Conc: 484.63 ng/ml



#17 AR-1242-2

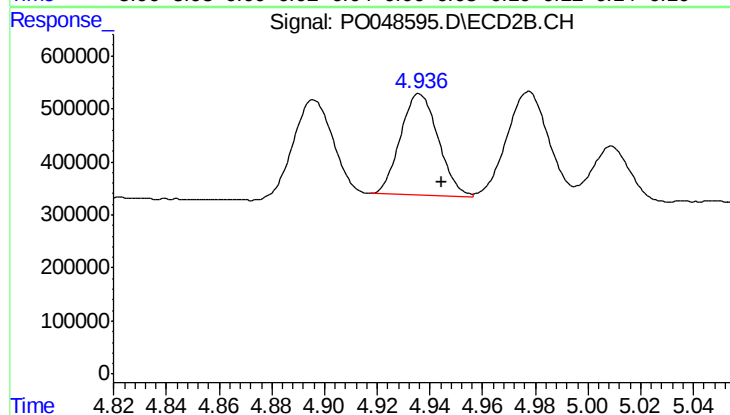
R.T.: 4.896 min
Delta R.T.: -0.008 min
Response: 1723501
Conc: 315.09 ng/ml



#18 AR-1242-3

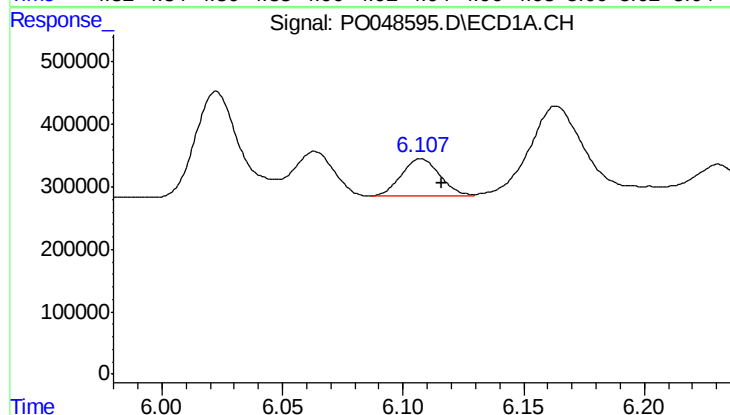
R.T.: 6.064 min
Delta R.T.: -0.007 min
Response: 815970
Conc: 472.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



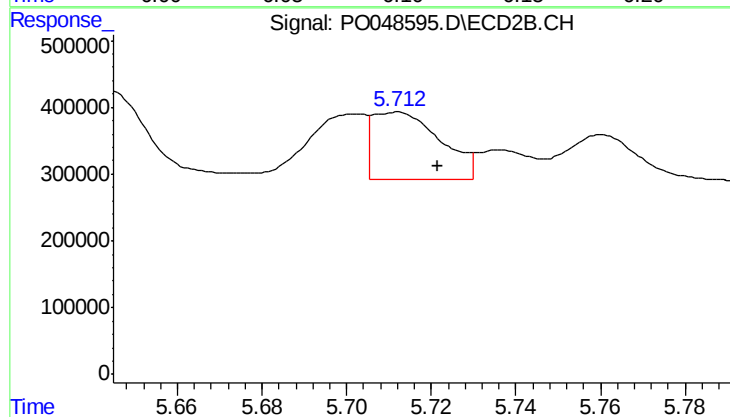
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 1898563
Conc: 452.41 ng/ml



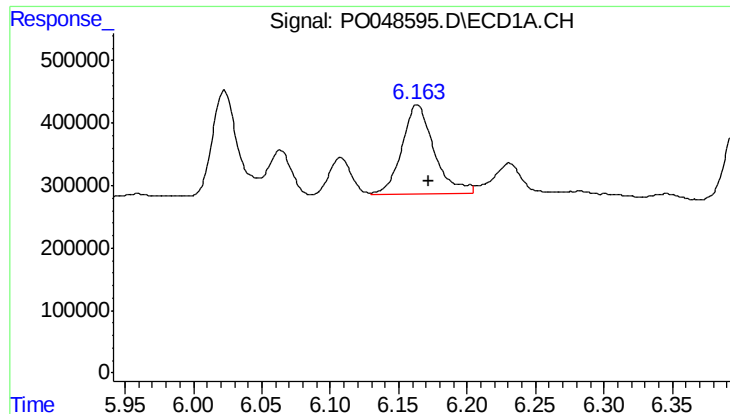
#19 AR-1242-4

R.T.: 6.107 min
Delta R.T.: -0.008 min
Response: 650994
Conc: 504.59 ng/ml



#19 AR-1242-4

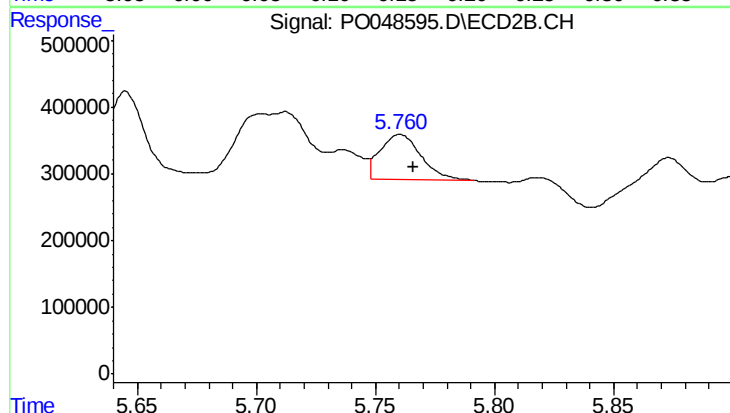
R.T.: 5.712 min
Delta R.T.: -0.010 min
Response: 1114156
Conc: 252.76 ng/ml



#20 AR-1242-5

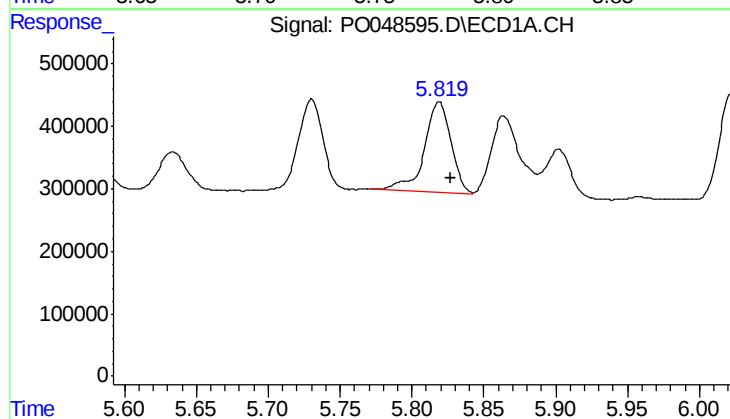
R.T.: 6.164 min
Delta R.T.: -0.008 min
Response: 2326410
Conc: 520.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



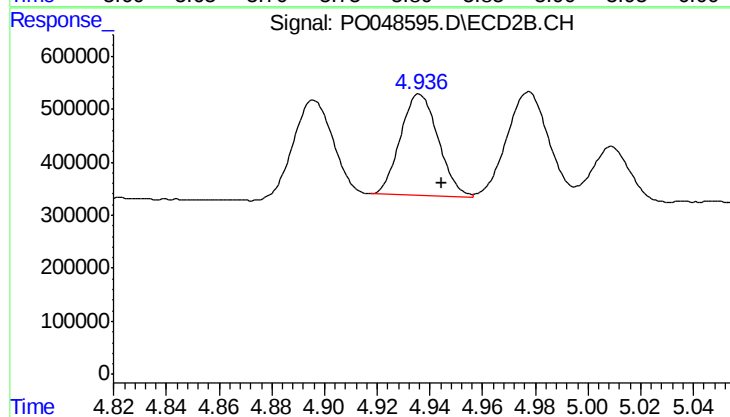
#20 AR-1242-5

R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 795590
Conc: 216.42 ng/ml



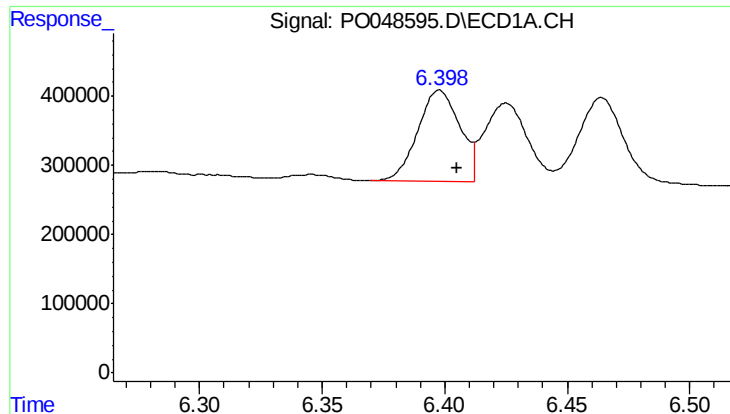
#21 AR-1248-1

R.T.: 5.819 min
Delta R.T.: -0.008 min
Response: 1852039
Conc: 313.73 ng/ml



#21 AR-1248-1

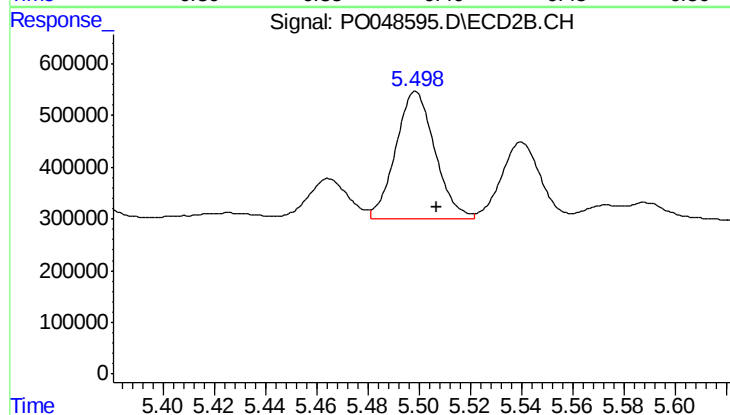
R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: 1898563
Conc: 250.53 ng/ml



#22 AR-1248-2

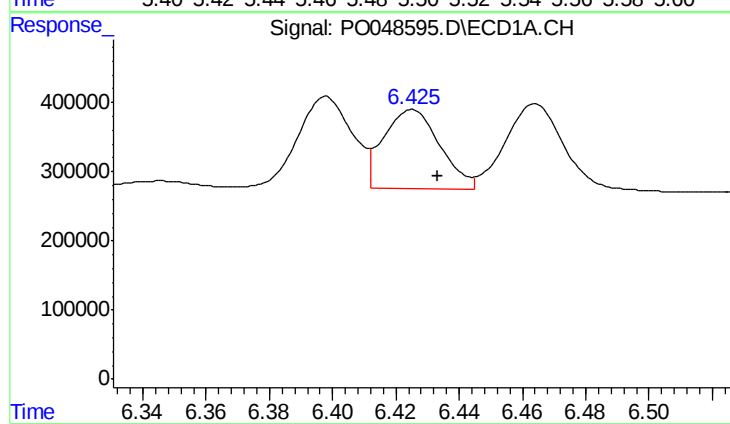
R.T.: 6.398 min
Delta R.T.: -0.007 min
Response: 1571066
Conc: 270.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



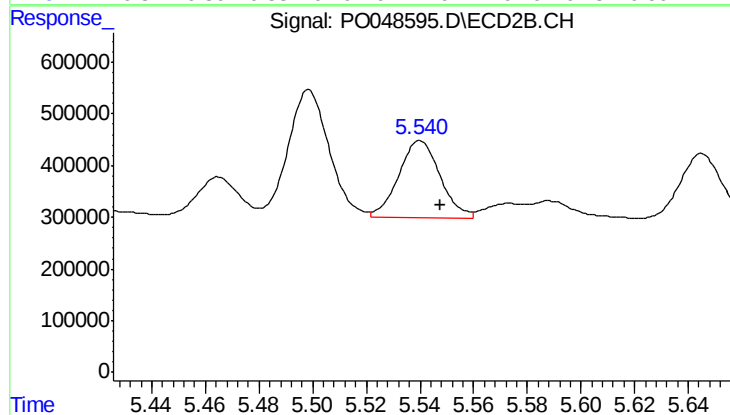
#22 AR-1248-2

R.T.: 5.499 min
Delta R.T.: -0.008 min
Response: 2626204
Conc: 199.48 ng/ml



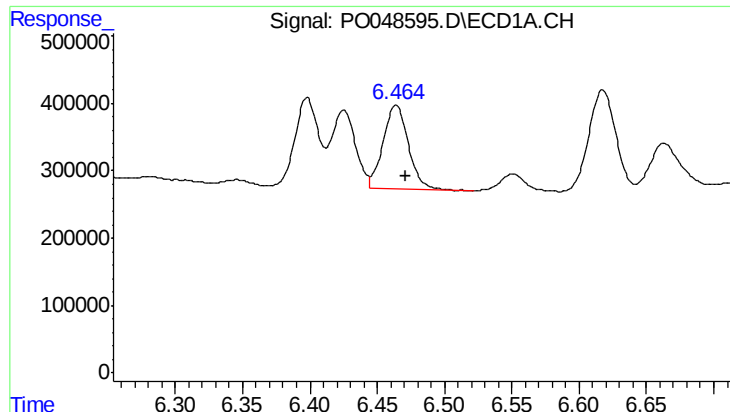
#23 AR-1248-3

R.T.: 6.425 min
Delta R.T.: -0.008 min
Response: 1418549
Conc: 183.82 ng/ml



#23 AR-1248-3

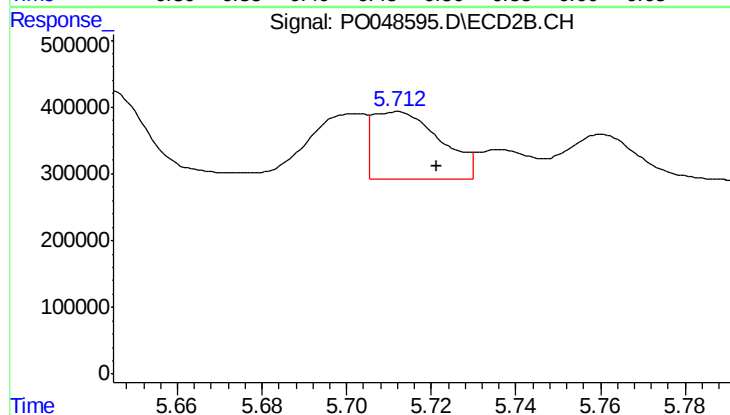
R.T.: 5.540 min
Delta R.T.: -0.008 min
Response: 1618669
Conc: 177.42 ng/ml



#24 AR-1248-4

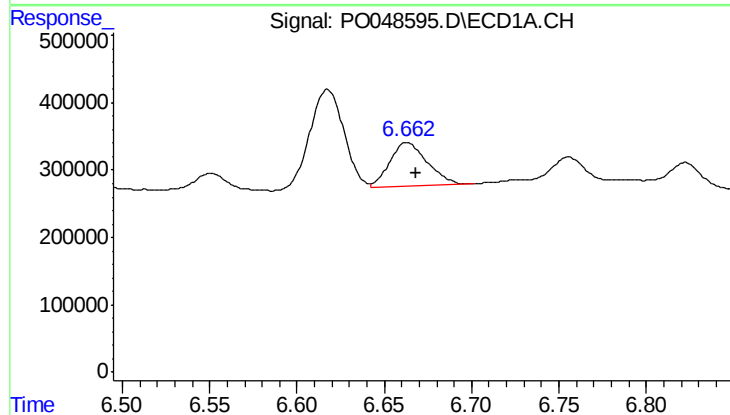
R.T.: 6.464 min
Delta R.T.: -0.007 min
Response: 1599916
Conc: 218.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



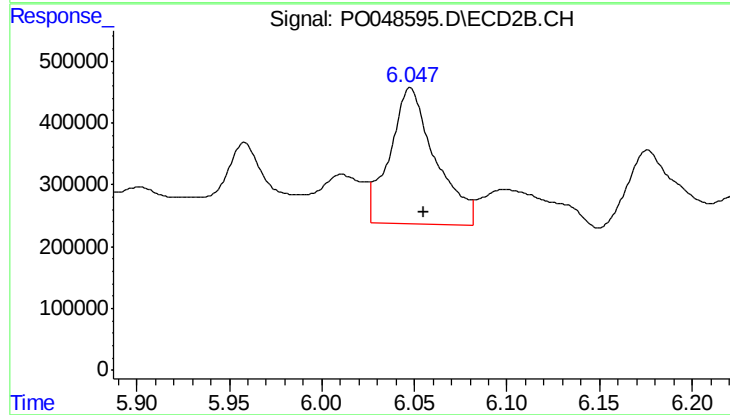
#24 AR-1248-4

R.T.: 5.712 min
Delta R.T.: -0.010 min
Response: 1114156
Conc: 141.16 ng/ml



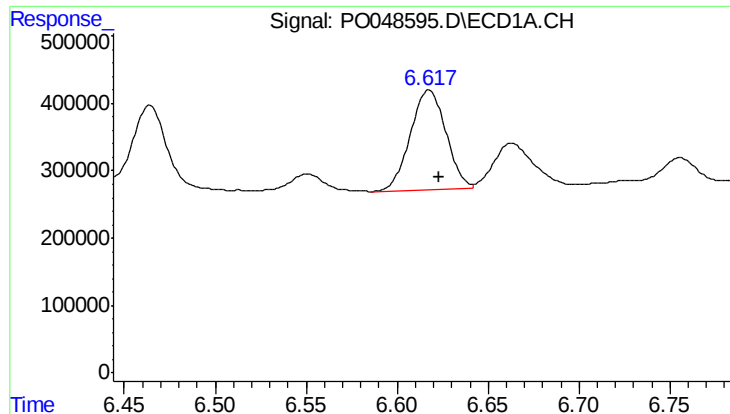
#25 AR-1248-5

R.T.: 6.663 min
Delta R.T.: -0.005 min
Response: 967417
Conc: 199.96 ng/ml



#25 AR-1248-5

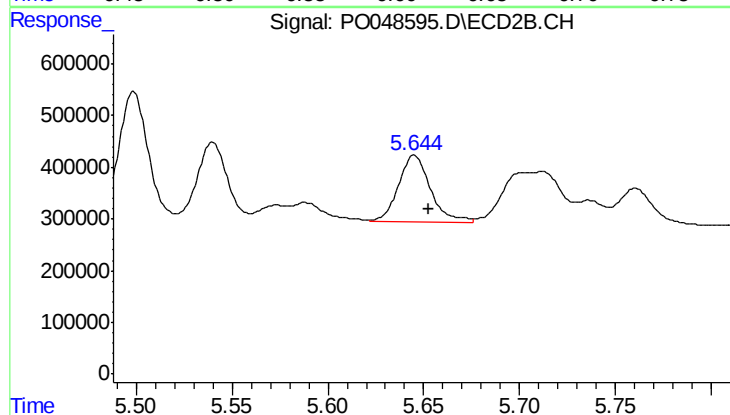
R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 3805477
Conc: 634.87 ng/ml



#26 AR-1254-1

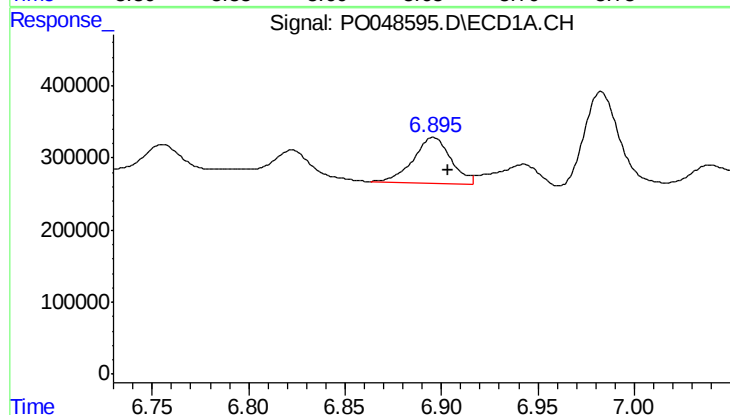
R.T.: 6.618 min
Delta R.T.: -0.006 min
Response: 2013253
Conc: 148.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



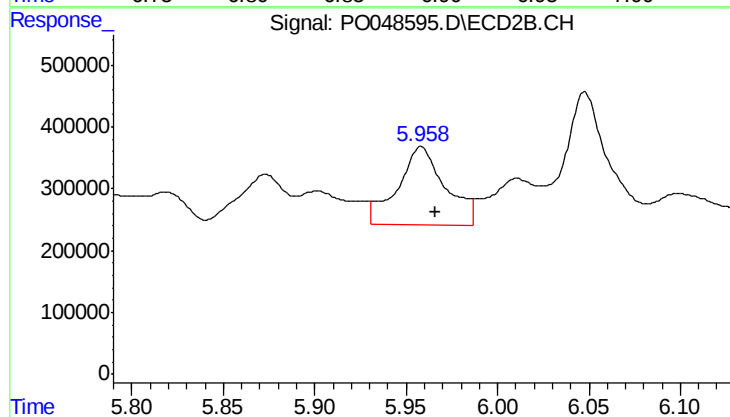
#26 AR-1254-1

R.T.: 5.645 min
Delta R.T.: -0.008 min
Response: 1480778
Conc: 102.92 ng/ml



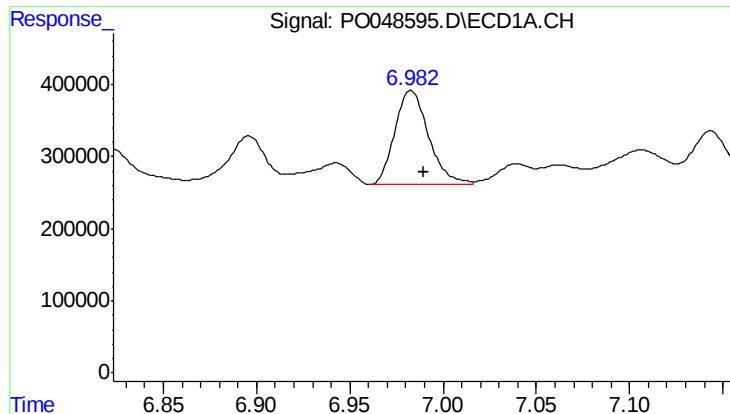
#27 AR-1254-2

R.T.: 6.896 min
Delta R.T.: -0.008 min
Response: 850517
Conc: 103.05 ng/ml



#27 AR-1254-2

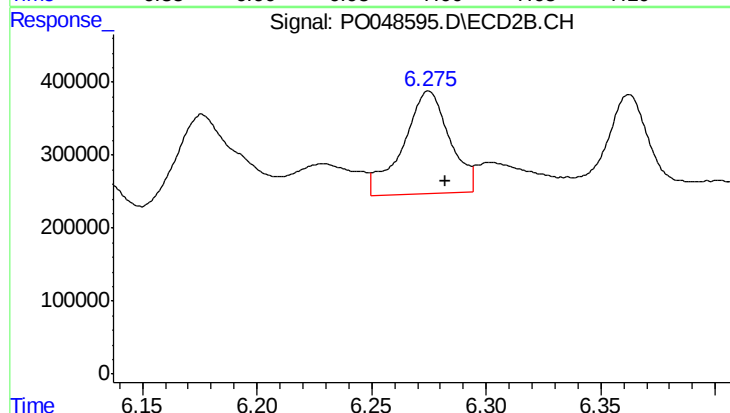
R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 2301535
Conc: 198.72 ng/ml



#28 AR-1254-3

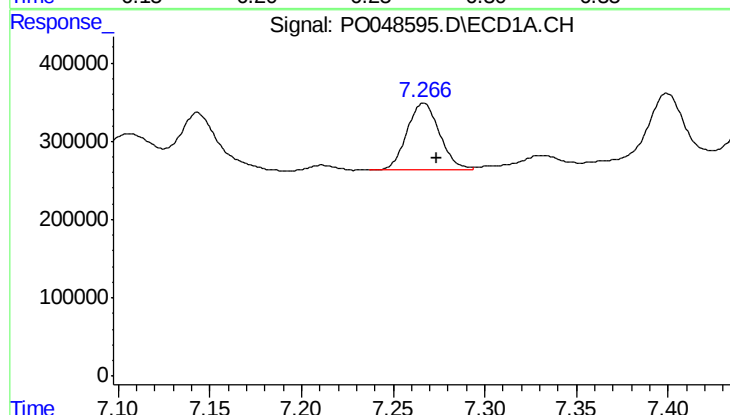
R.T.: 6.983 min
Delta R.T.: -0.007 min
Response: 1659308
Conc: 115.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



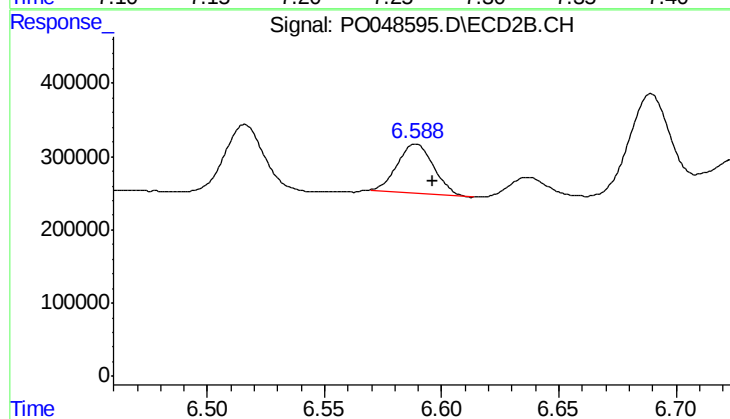
#28 AR-1254-3

R.T.: 6.275 min
Delta R.T.: -0.007 min
Response: 1992694
Conc: 136.04 ng/ml



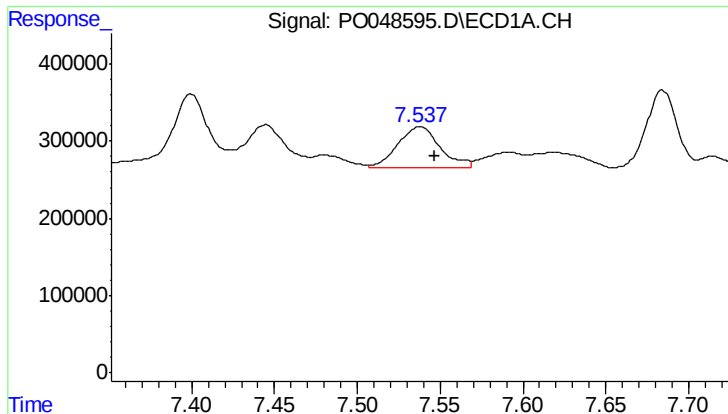
#29 AR-1254-4

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 1071252
Conc: 97.47 ng/ml



#29 AR-1254-4

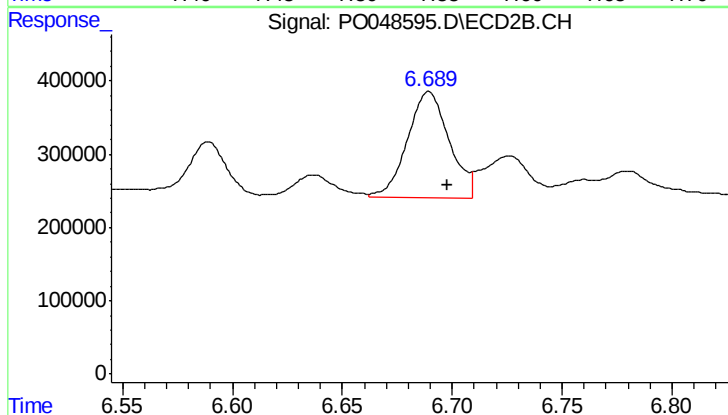
R.T.: 6.589 min
Delta R.T.: -0.008 min
Response: 725747
Conc: 73.75 ng/ml



#30 AR-1254-5

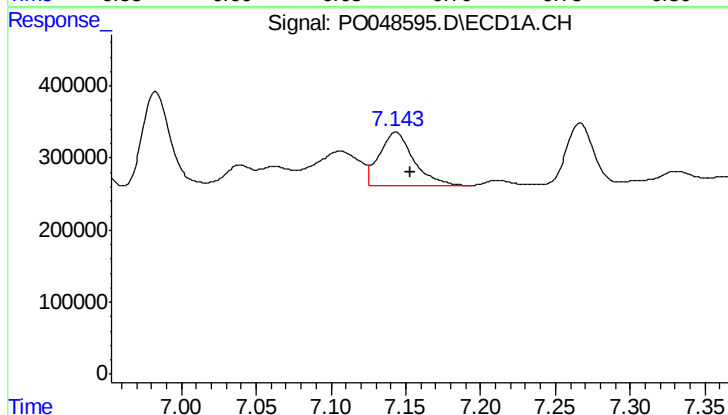
R.T.: 7.538 min
Delta R.T.: -0.009 min
Response: 965675
Conc: 118.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



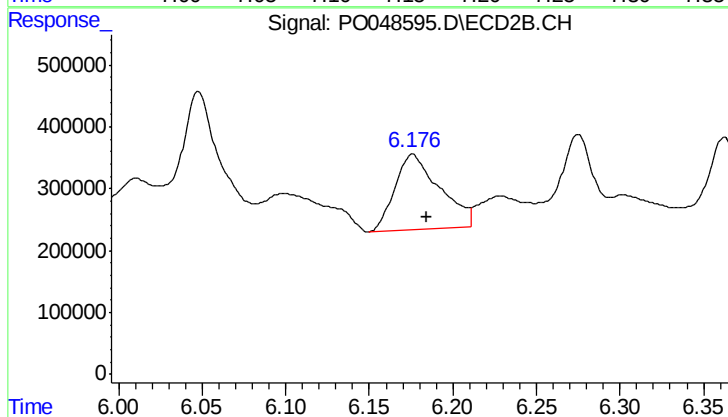
#30 AR-1254-5

R.T.: 6.689 min
Delta R.T.: -0.009 min
Response: 1897689
Conc: 97.38 ng/ml



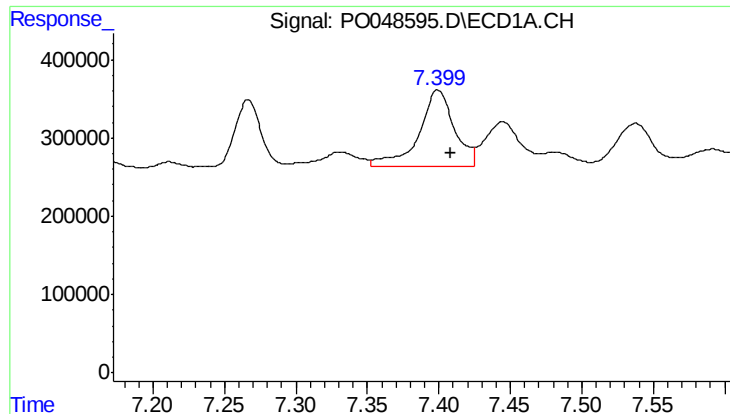
#31 AR-1260-1

R.T.: 7.143 min
Delta R.T.: -0.009 min
Response: 1178428
Conc: 118.30 ng/ml



#31 AR-1260-1

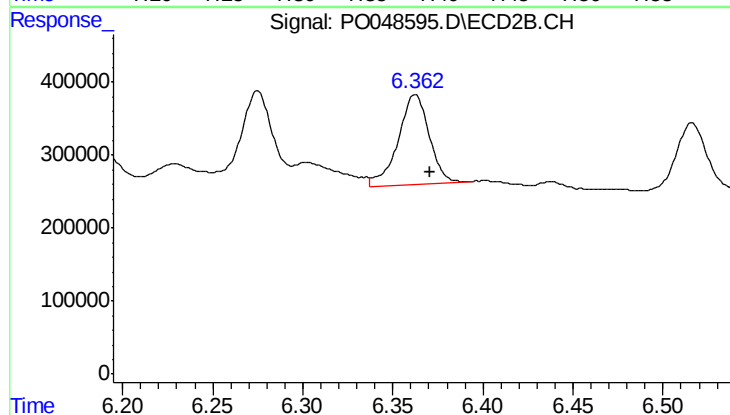
R.T.: 6.176 min
Delta R.T.: -0.008 min
Response: 2292910
Conc: 165.57 ng/ml



#32 AR-1260-2

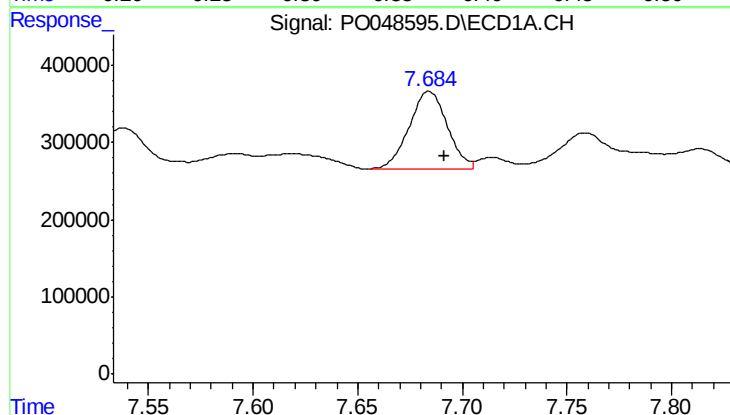
R.T.: 7.399 min
Delta R.T.: -0.009 min
Response: 1664080
Conc: 138.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



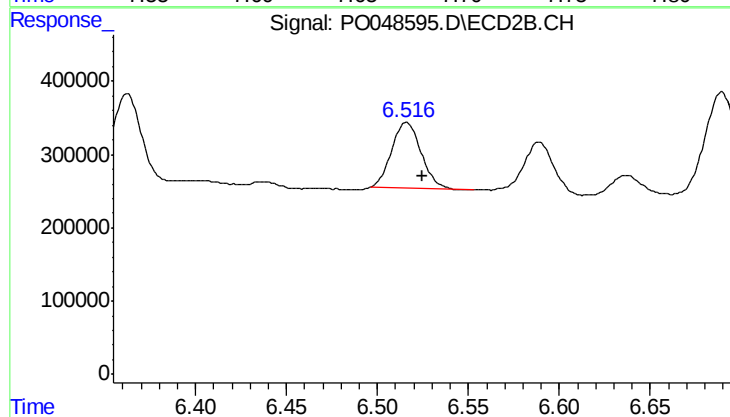
#32 AR-1260-2

R.T.: 6.362 min
Delta R.T.: -0.009 min
Response: 1490359
Conc: 84.95 ng/ml



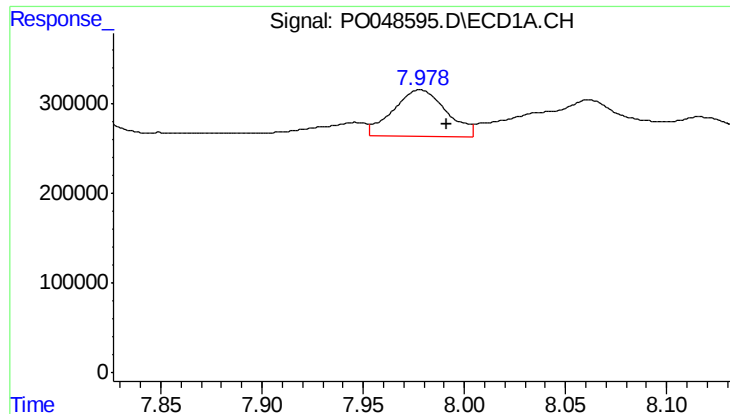
#33 AR-1260-3

R.T.: 7.684 min
Delta R.T.: -0.007 min
Response: 1267258
Conc: 92.34 ng/ml



#33 AR-1260-3

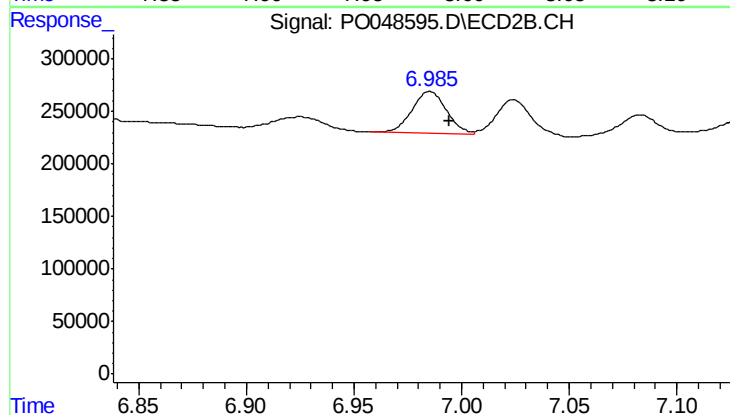
R.T.: 6.516 min
Delta R.T.: -0.009 min
Response: 1025601
Conc: 66.89 ng/ml



#34 AR-1260-4

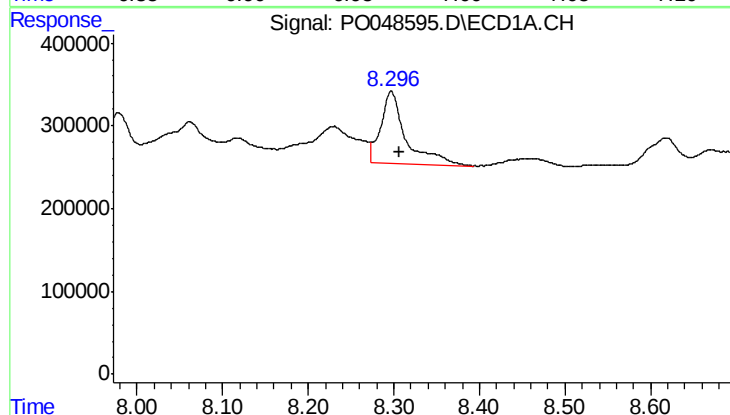
R.T.: 7.978 min
Delta R.T.: -0.013 min
Response: 934066
Conc: 94.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



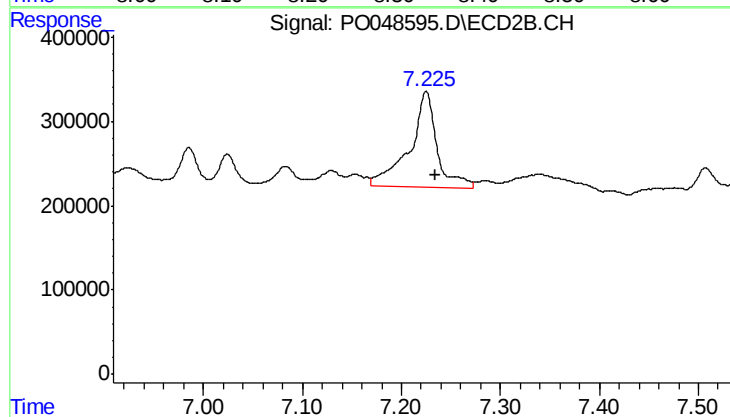
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: -0.009 min
Response: 451472
Conc: 38.79 ng/ml



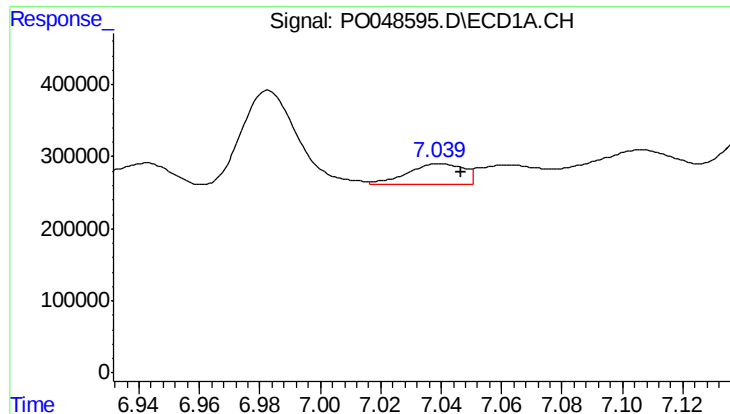
#35 AR-1260-5

R.T.: 8.297 min
Delta R.T.: -0.009 min
Response: 1801853
Conc: 94.39 ng/ml



#35 AR-1260-5

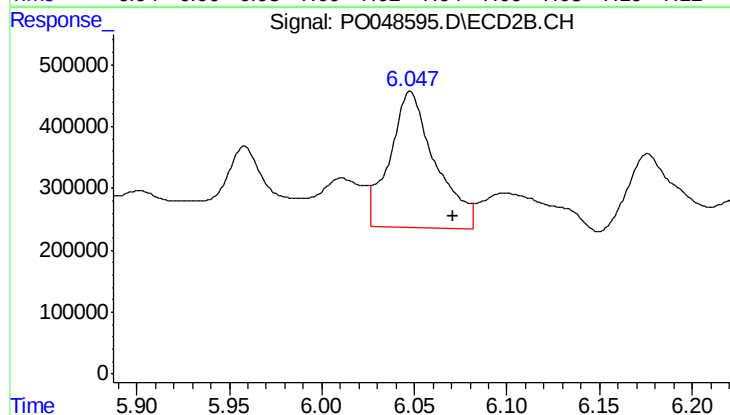
R.T.: 7.225 min
Delta R.T.: -0.009 min
Response: 2223225
Conc: 82.10 ng/ml



#36 AR-1262-1

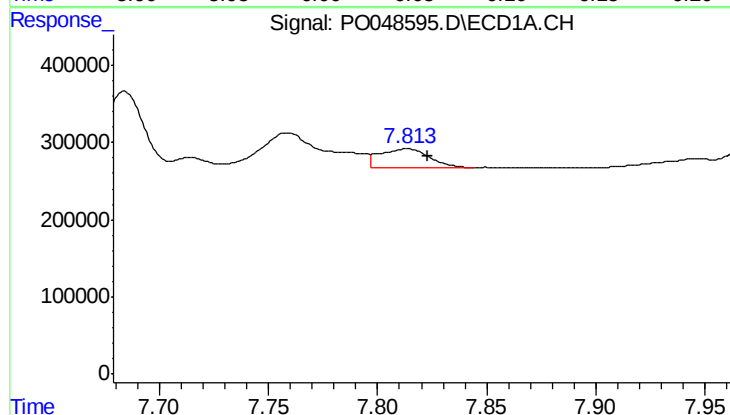
R.T.: 7.039 min
Delta R.T.: -0.007 min
Response: 375826
Conc: 48.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



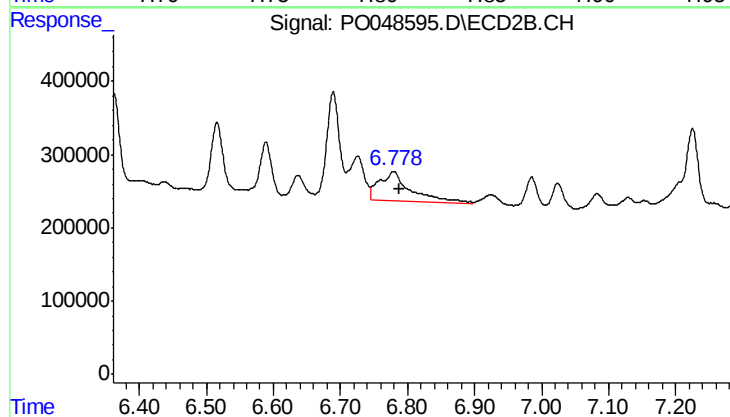
#36 AR-1262-1

R.T.: 6.048 min
Delta R.T.: -0.023 min
Response: 3805477
Conc: 358.01 ng/ml



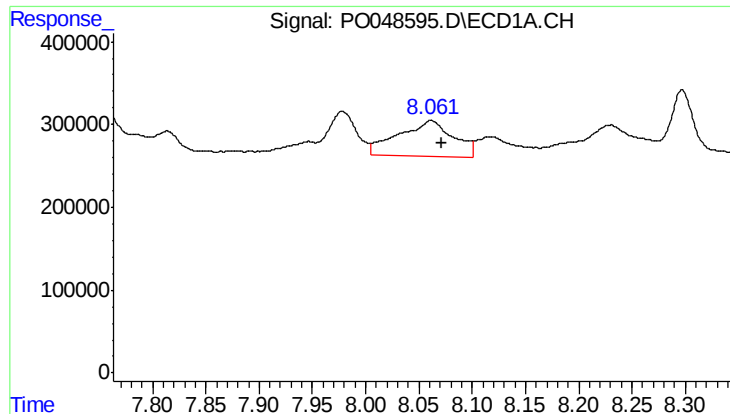
#37 AR-1262-2

R.T.: 7.814 min
Delta R.T.: -0.009 min
Response: 394666
Conc: 61.29 ng/ml



#37 AR-1262-2

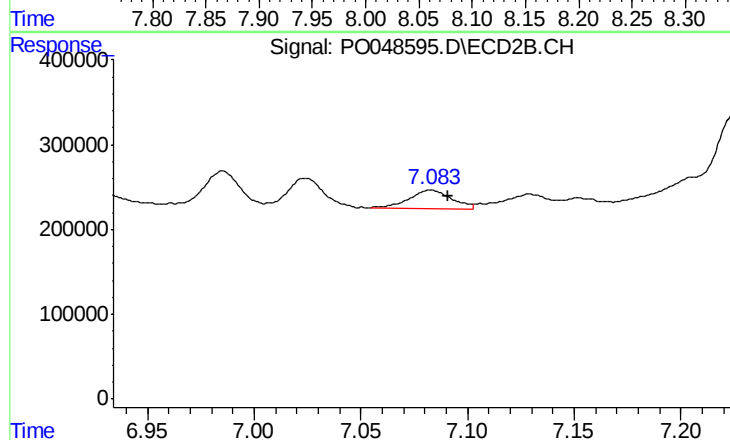
R.T.: 6.780 min
Delta R.T.: -0.008 min
Response: 1310791
Conc: 137.12 ng/ml



#38 AR-1262-3

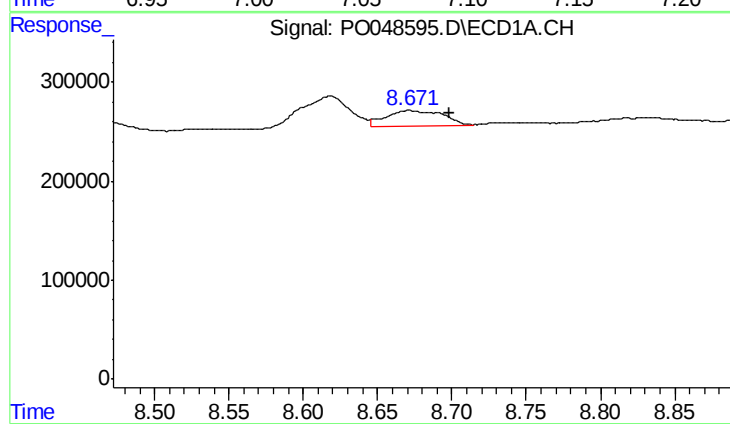
R.T.: 8.061 min
Delta R.T.: -0.010 min
Response: 1539088
Conc: 222.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



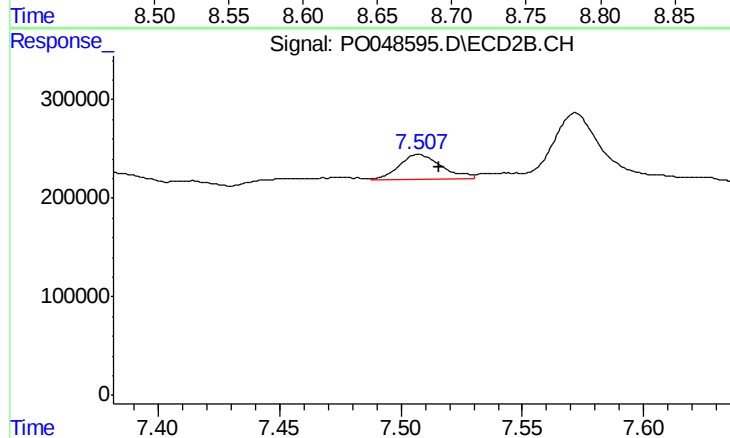
#38 AR-1262-3

R.T.: 7.083 min
Delta R.T.: -0.008 min
Response: 289594
Conc: 30.67 ng/ml



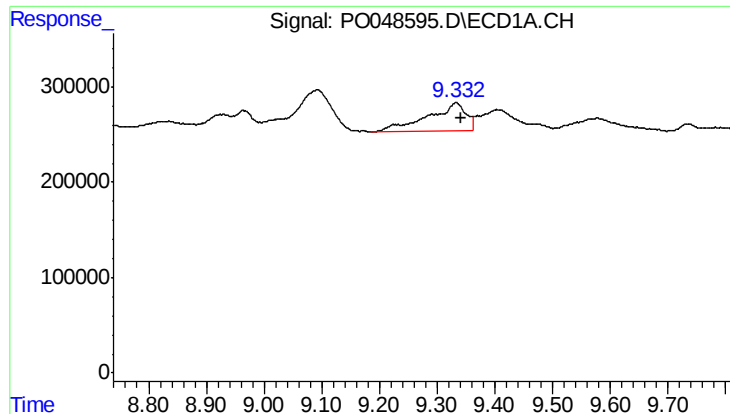
#39 AR-1262-4

R.T.: 8.671 min
Delta R.T.: -0.027 min
Response: 413652
Conc: 30.28 ng/ml



#39 AR-1262-4

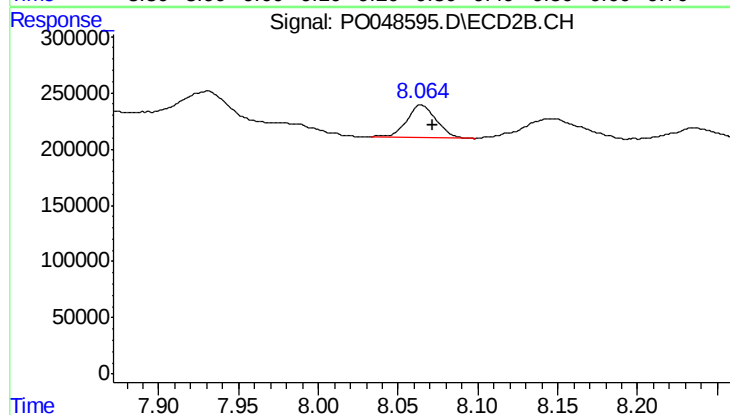
R.T.: 7.507 min
Delta R.T.: -0.008 min
Response: 313002
Conc: 23.26 ng/ml



#40 AR-1262-5

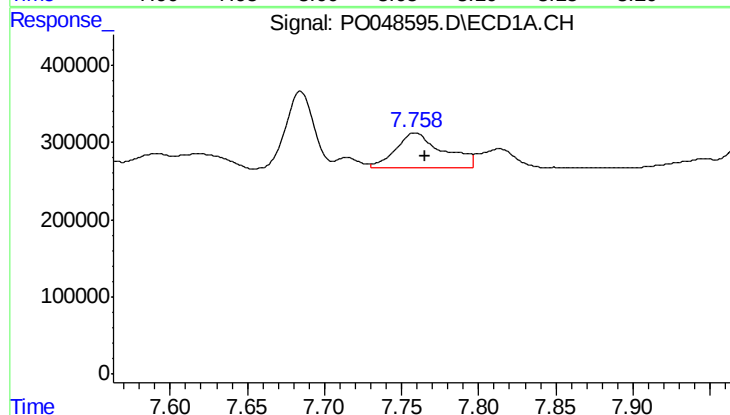
R.T.: 9.333 min
Delta R.T.: -0.009 min
Response: 1389461
Conc: 150.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



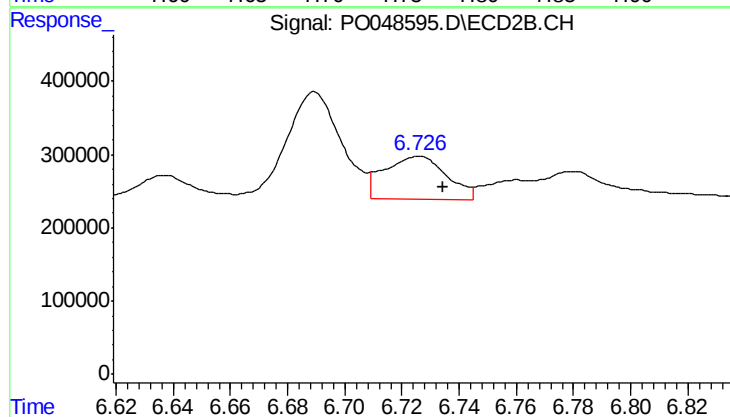
#40 AR-1262-5

R.T.: 8.065 min
Delta R.T.: -0.007 min
Response: 377359
Conc: 36.64 ng/ml



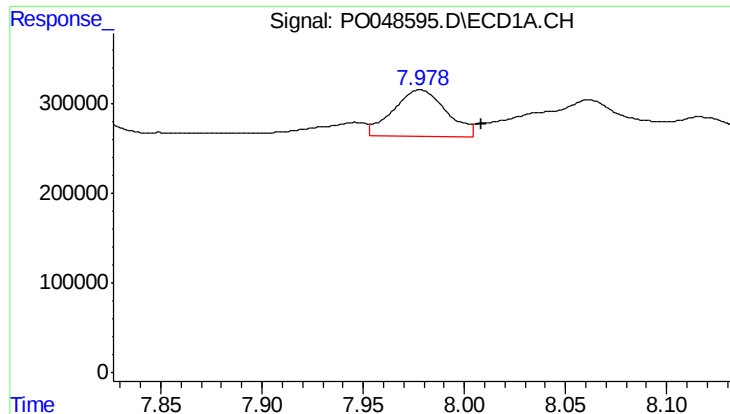
#41 AR-1268-1

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 993773
Conc: 187.29 ng/ml



#41 AR-1268-1

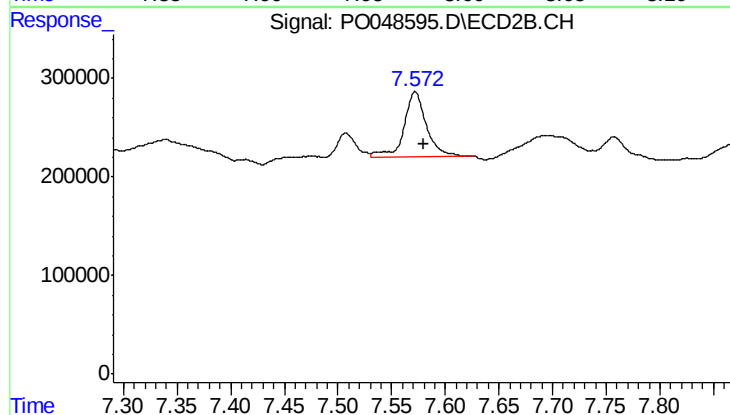
R.T.: 6.726 min
Delta R.T.: -0.008 min
Response: 874352
Conc: 113.04 ng/ml



#42 AR-1268-2

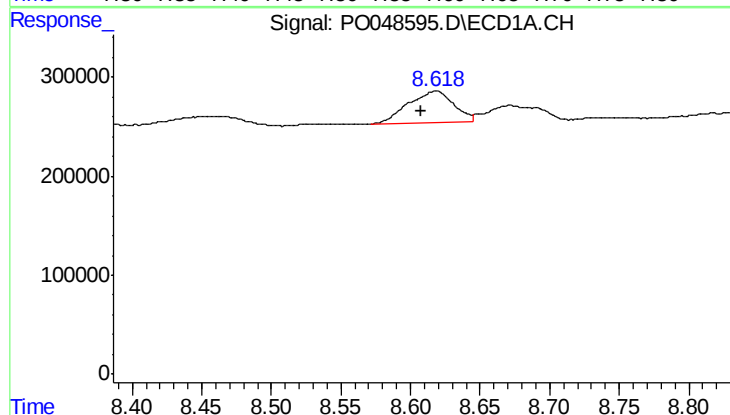
R.T.: 7.978 min
Delta R.T.: -0.030 min
Response: 934066
Conc: 136.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



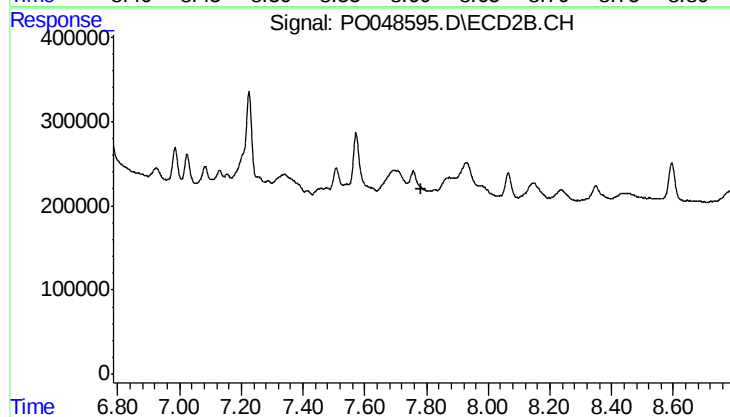
#42 AR-1268-2

R.T.: 7.572 min
Delta R.T.: -0.008 min
Response: 986607
Conc: 32.69 ng/ml



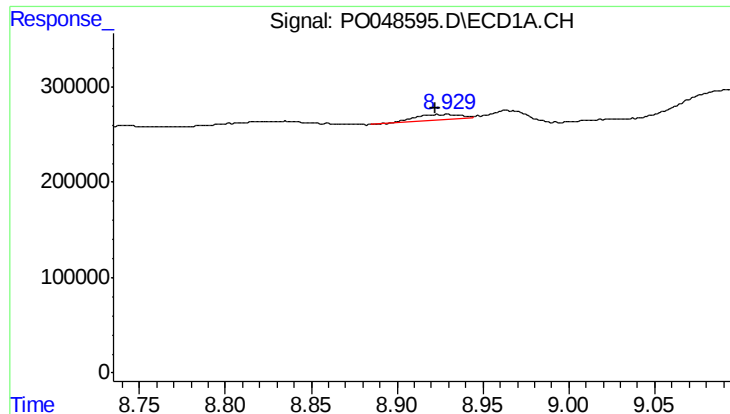
#43 AR-1268-3

R.T.: 8.619 min
Delta R.T.: 0.010 min
Response: 730485
Conc: 28.31 ng/ml



#43 AR-1268-3

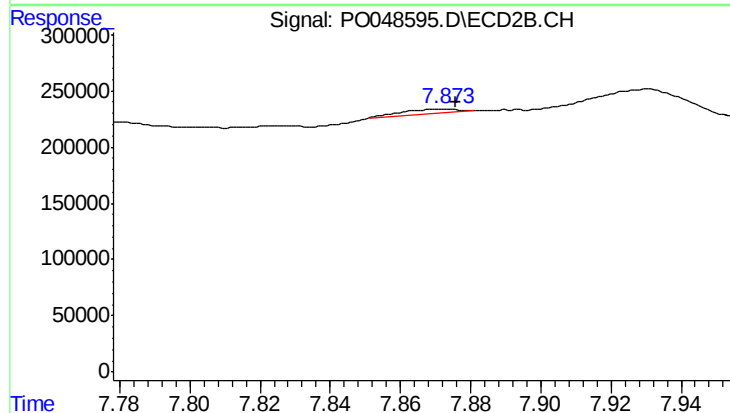
R.T.: 0.000 min
Exp R.T.: 7.785 min
Response: 0
Conc: N.D.



#44 AR-1268-4

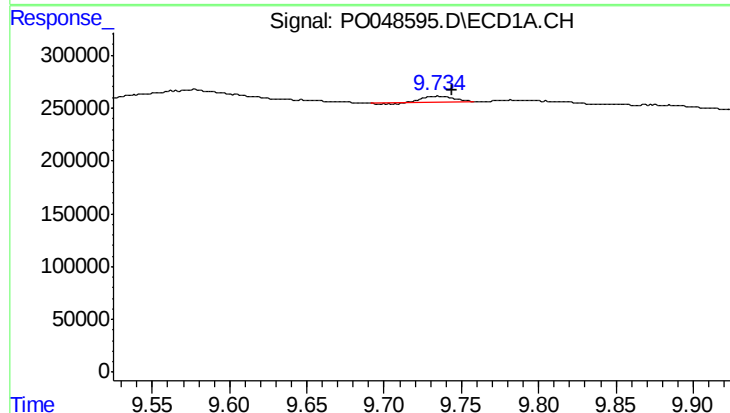
R.T.: 8.929 min
Delta R.T.: 0.007 min
Response: 122969
Conc: 5.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



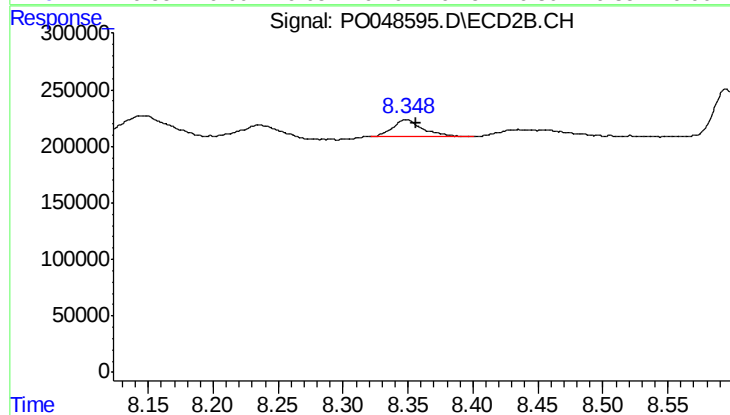
#44 AR-1268-4

R.T.: 7.873 min
Delta R.T.: -0.003 min
Response: 45114
Conc: 6.90 ng/ml



#45 AR-1268-5

R.T.: 9.735 min
Delta R.T.: -0.010 min
Response: 72952
Conc: 1.20 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.008 min
Response: 231486
Conc: 3.72 ng/ml