

Data Path : P:\HPCHEM1\ECD 0\Data\P0012318\
 Data File : P0041680.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2018 15:05
 Operator : SM/UA
 Sample : J1172-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:03:30 2018
 Quant Method : P:\HPCHEM1\ECD_0\P0012318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 23 01:50:31 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...	4.141	3.395	1297663	2692841	6.723	9.276 #
2) SA Decachlor...	9.538	8.169	1945726	1627226	8.281	4.550 #
Target Compounds						
3) L1 AR-1016-1	4.993	4.159	1165939	1858184	225.192	247.244
4) L1 AR-1016-2	5.357	4.655	655517	1519009	91.394	216.309 #
5) L1 AR-1016-3	5.399	4.655	299625	1519009	50.279	179.390 #
6) L1 AR-1016-4	0.000	4.821	0	536350	N.D.	57.558 #
7) L1 AR-1016-5	5.810	4.993	804999	550007	124.621	55.475 #
9) L2 AR-1221-2	4.434	3.660	448008	477943	315.376	252.671
10) L2 AR-1221-3	4.434	3.660	448008	477943	96.816	76.424
11) L3 AR-1232-1	4.434	3.660	448008	477943	127.840	97.059
12) L3 AR-1232-2	5.213	4.454	1541151	887699	585.610	88.287 #
13) L3 AR-1232-3	5.299	4.454	954065	887699	213.622	215.271
14) L3 AR-1232-4	5.357	0.000	655517	0	238.063	N.D. #
15) L3 AR-1232-5	5.399	4.655	299625	1519009	142.693	702.590 #
17) L4 AR-1242-2	5.299	4.454	954065	887699	129.708	51.736 #
18) L4 AR-1242-3	5.399	0.000	299625	0	81.508	N.D. #
19) L4 AR-1242-4	0.000	4.655	0	1519009	N.D.	290.158 #
20) L4 AR-1242-5	5.810	4.821	804999	536350	193.008	92.760 #
21) L5 AR-1248-1	0.000	4.821	0	536350	N.D.	49.062 #
22) L5 AR-1248-2	5.810	4.993	804999	550007	128.408	56.564 #
23) L5 AR-1248-3	6.106	5.187	2868656	4131440	313.705	243.592
24) L5 AR-1248-4	6.106	5.187	2868656	4131440	320.119	305.977
25) L5 AR-1248-5	6.318	5.692	2764906	1578326	462.835	204.832 #
26) L6 AR-1254-1	6.318	5.187	2764906	4131440	196.414	223.371
27) L6 AR-1254-2	6.590	5.332	719652	3677157	82.743	222.371 #
28) L6 AR-1254-3	6.673	5.692	1756110	1578326	113.304	57.368 #
29) L6 AR-1254-4	6.951	5.939	1475992	954721	112.518	48.996 #
30) L6 AR-1254-5	7.209	6.243	4600832	1535917	488.745	115.956 #
31) L7 AR-1260-1	6.834	5.842	7451595	10000272	592.353	468.470
32) L7 AR-1260-2	7.085	6.027	10256431	14347460	589.471	454.225
33) L7 AR-1260-3	7.358	6.171	13407864	11992366	667.999	459.474 #
34) L7 AR-1260-4	7.436	6.340	8179009	14814224	695.370	434.469 #
35) L7 AR-1260-5	7.954	6.868	20476881	30734067	778.512	572.819 #
36) L8 AR-1262-1	6.834	6.027	7451595	14347460	787.896	645.974
37) L8 AR-1262-2	7.085	6.171	10256431	11992366	880.927	596.326 #
38) L8 AR-1262-3	7.358	6.376	13407864	12852440	1165.234	346.760 #
39) L8 AR-1262-4	7.655	6.627	8165073	9759911	532.250	352.386 #
40) L8 AR-1262-5	7.954	6.868	20476881	30734067	636.093	485.087

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 Acq On : 22 Jan 2018 15:05
 Operator : SM/UA
 Sample : J1172-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

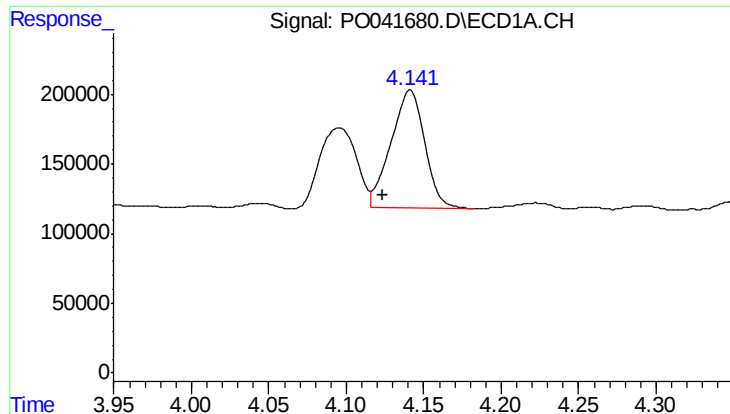
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:03:30 2018
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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
41) L9	AR-1268-1	8.241	7.140	12213902	6189411	323.232	84.451 #
42) L9	AR-1268-2	8.295	7.203	7435582	20796160	224.098	321.653 #
43) L9	AR-1268-3	0.000	7.458	0	275325	N.D.	5.039 #
44) L9	AR-1268-4	8.888	7.691	5776394	7404004	463.436	333.289 #
45) L9	AR-1268-5	9.248	7.955	1186222	1425515	14.685	9.903 #

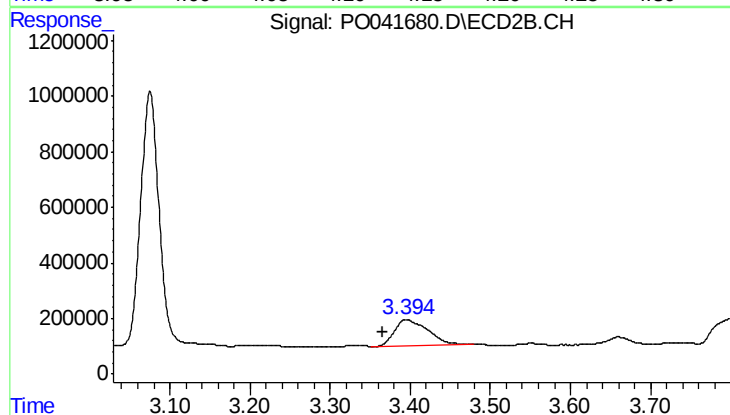
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

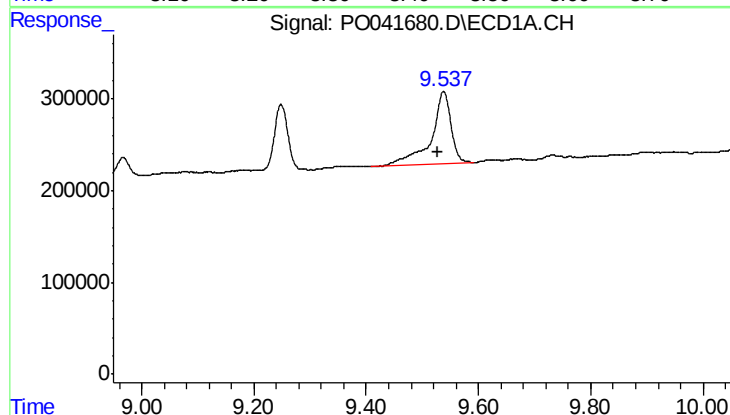
R.T.: 4.141 min
Delta R.T.: 0.018 min
Response: 1297663
Conc: 6.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



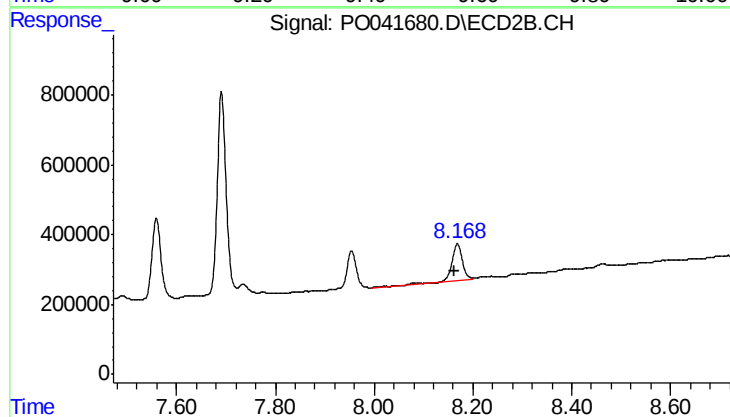
#1 Tetrachloro-m-xylene

R.T.: 3.395 min
Delta R.T.: 0.029 min
Response: 2692841
Conc: 9.28 ng/ml



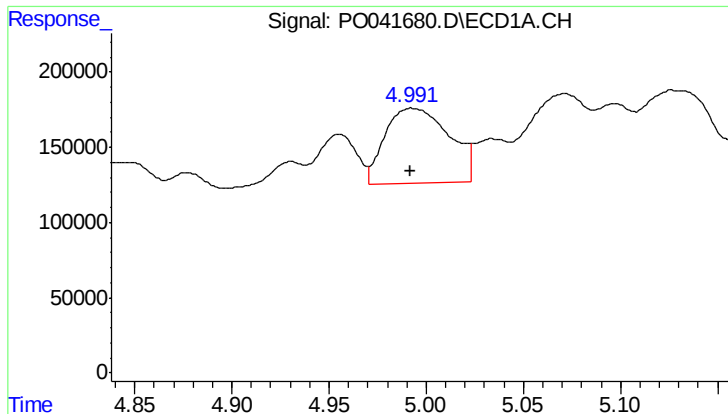
#2 Decachlorobiphenyl

R.T.: 9.538 min
Delta R.T.: 0.009 min
Response: 1945726
Conc: 8.28 ng/ml



#2 Decachlorobiphenyl

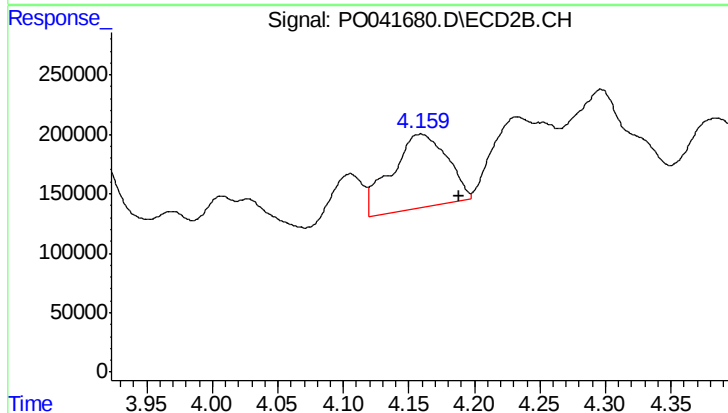
R.T.: 8.169 min
Delta R.T.: 0.006 min
Response: 1627226
Conc: 4.55 ng/ml



#3 AR-1016-1

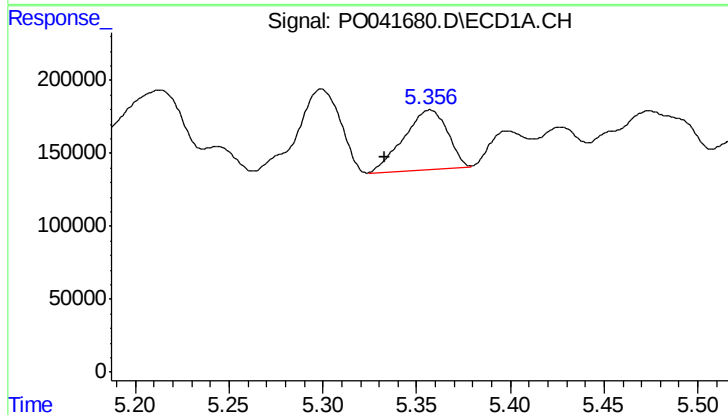
R.T.: 4.993 min
Delta R.T.: 0.001 min
Response: 1165939
Conc: 225.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



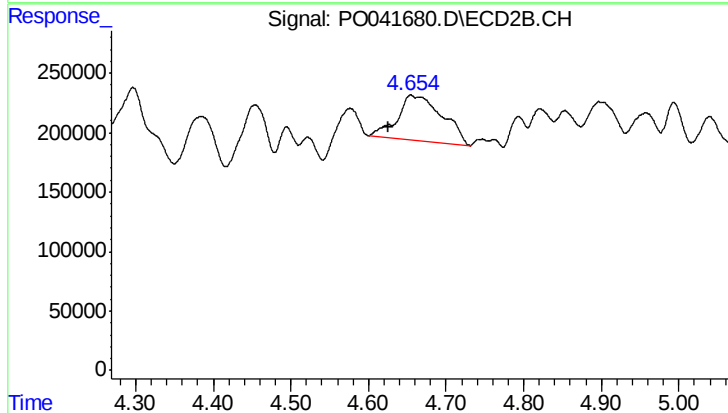
#3 AR-1016-1

R.T.: 4.159 min
Delta R.T.: -0.030 min
Response: 1858184
Conc: 247.24 ng/ml



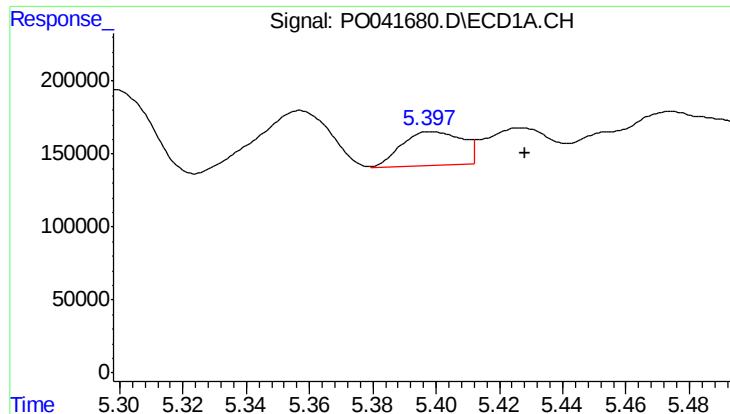
#4 AR-1016-2

R.T.: 5.357 min
Delta R.T.: 0.024 min
Response: 655517
Conc: 91.39 ng/ml



#4 AR-1016-2

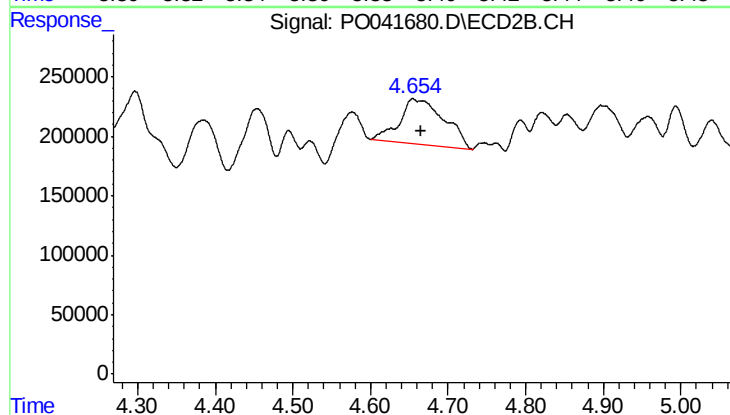
R.T.: 4.655 min
Delta R.T.: 0.028 min
Response: 1519009
Conc: 216.31 ng/ml



#5 AR-1016-3

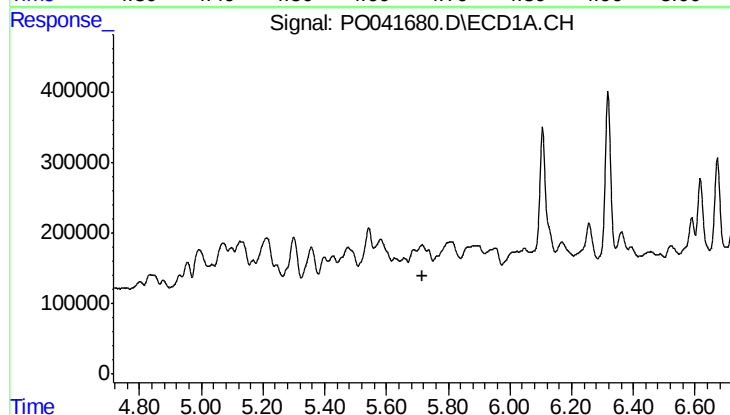
R.T.: 5.399 min
Delta R.T.: -0.029 min
Response: 299625
Conc: 50.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



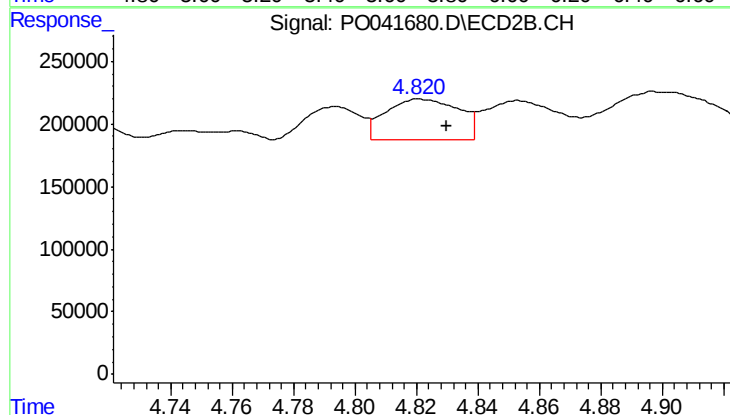
#5 AR-1016-3

R.T.: 4.655 min
Delta R.T.: -0.011 min
Response: 1519009
Conc: 179.39 ng/ml



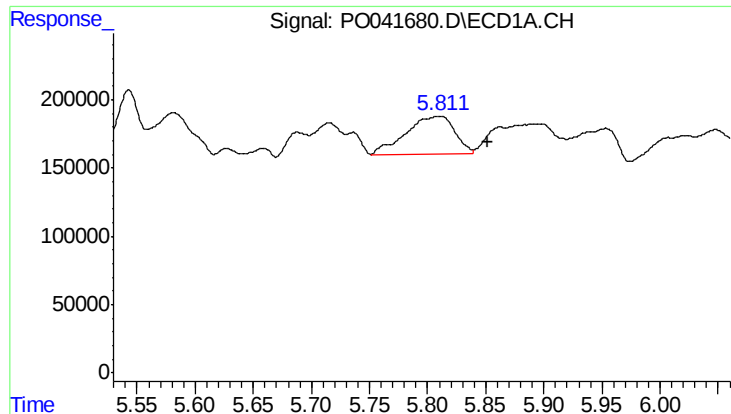
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.



#6 AR-1016-4

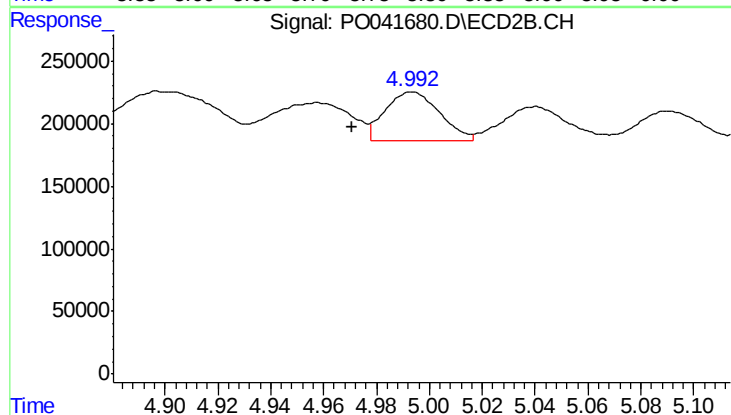
R.T.: 4.821 min
Delta R.T.: -0.009 min
Response: 536350
Conc: 57.56 ng/ml



#7 AR-1016-5

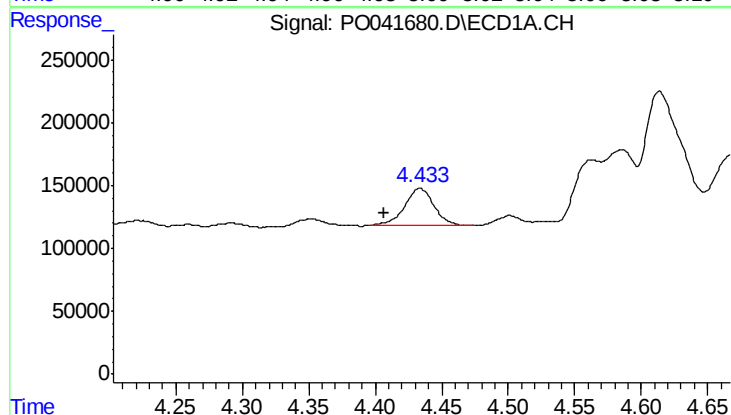
R.T.: 5.810 min
Delta R.T.: -0.042 min
Response: 804999
Conc: 124.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



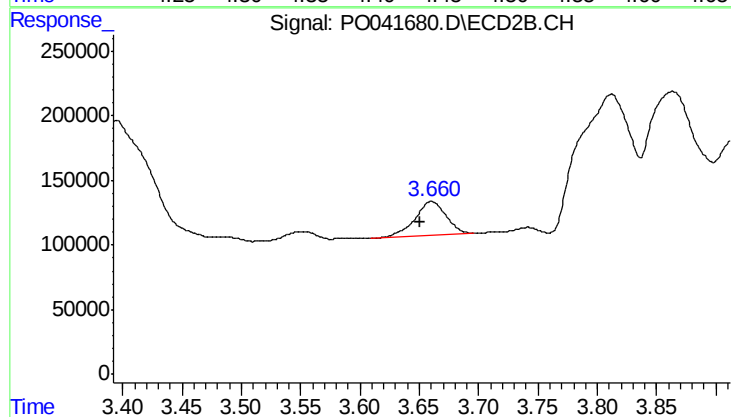
#7 AR-1016-5

R.T.: 4.993 min
Delta R.T.: 0.023 min
Response: 550007
Conc: 55.47 ng/ml



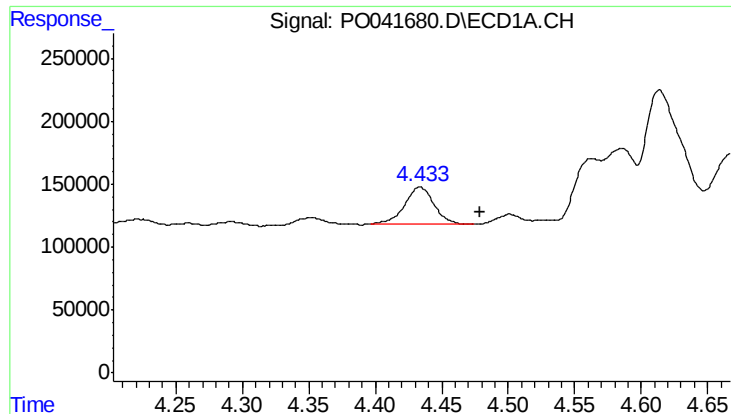
#9 AR-1221-2

R.T.: 4.434 min
Delta R.T.: 0.027 min
Response: 448008
Conc: 315.38 ng/ml



#9 AR-1221-2

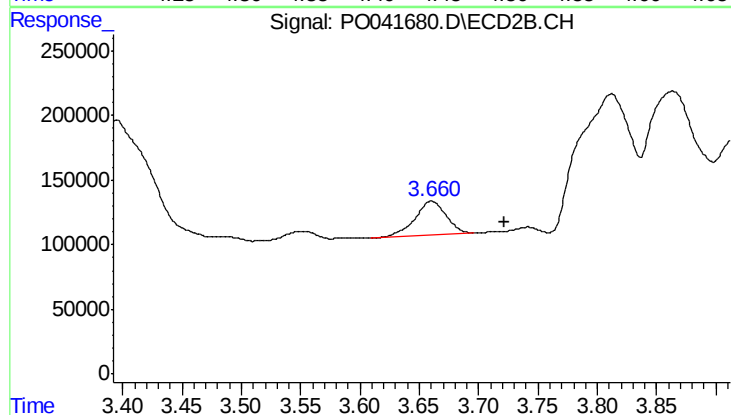
R.T.: 3.660 min
Delta R.T.: 0.010 min
Response: 477943
Conc: 252.67 ng/ml



#10 AR-1221-3

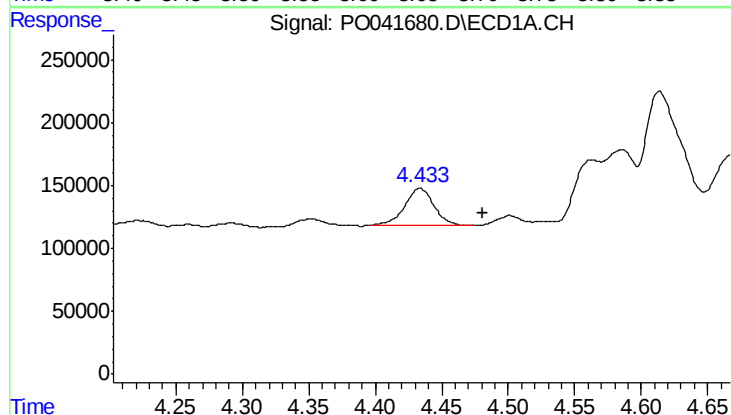
R.T.: 4.434 min
Delta R.T.: -0.046 min
Response: 448008
Conc: 96.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



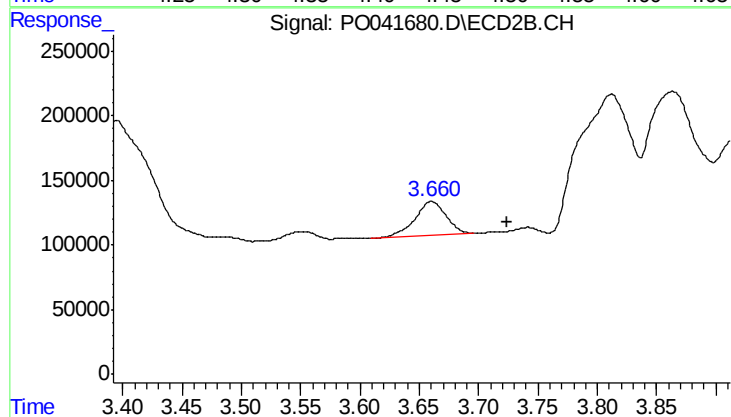
#10 AR-1221-3

R.T.: 3.660 min
Delta R.T.: -0.062 min
Response: 477943
Conc: 76.42 ng/ml



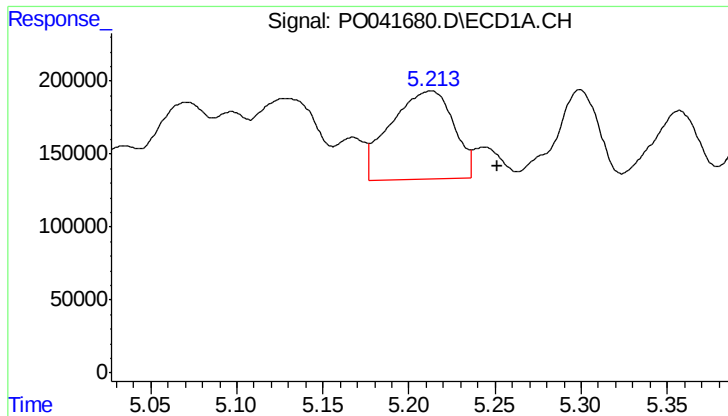
#11 AR-1232-1

R.T.: 4.434 min
Delta R.T.: -0.047 min
Response: 448008
Conc: 127.84 ng/ml



#11 AR-1232-1

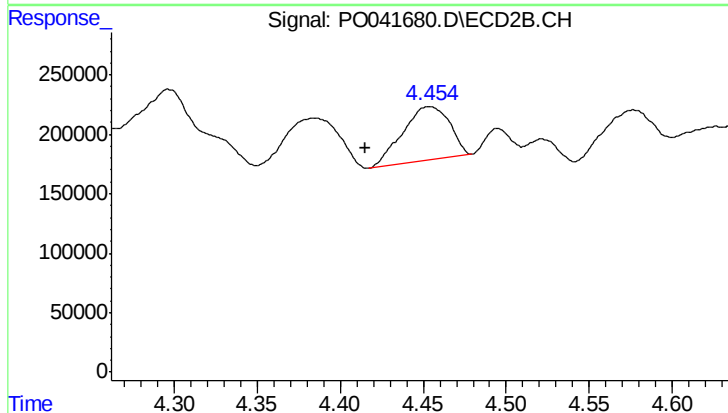
R.T.: 3.660 min
Delta R.T.: -0.063 min
Response: 477943
Conc: 97.06 ng/ml



#12 AR-1232-2

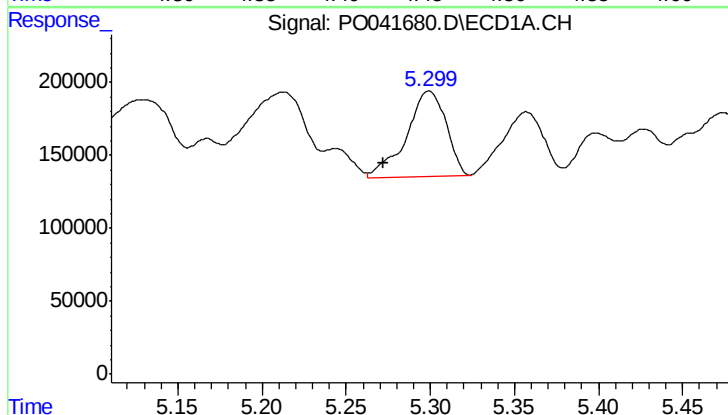
R.T.: 5.213 min
Delta R.T.: -0.038 min
Response: 1541151
Conc: 585.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



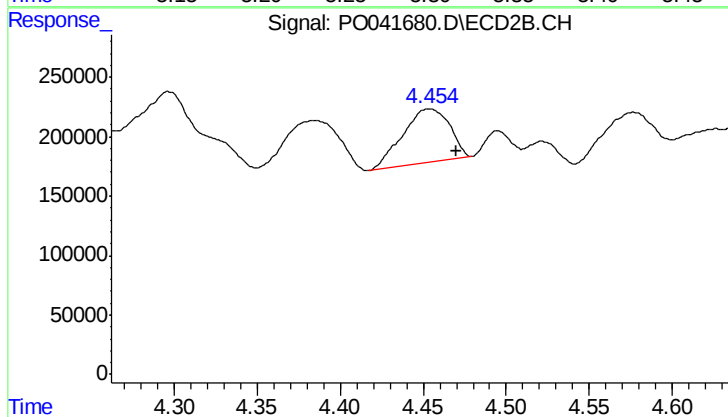
#12 AR-1232-2

R.T.: 4.454 min
Delta R.T.: 0.039 min
Response: 887699
Conc: 88.29 ng/ml



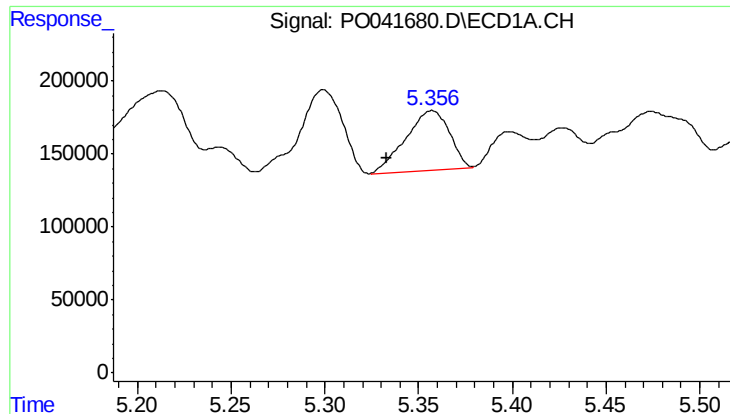
#13 AR-1232-3

R.T.: 5.299 min
Delta R.T.: 0.027 min
Response: 954065
Conc: 213.62 ng/ml



#13 AR-1232-3

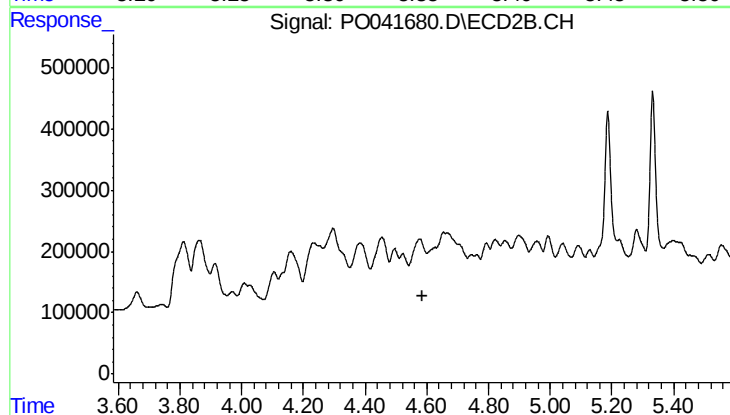
R.T.: 4.454 min
Delta R.T.: -0.016 min
Response: 887699
Conc: 215.27 ng/ml



#14 AR-1232-4

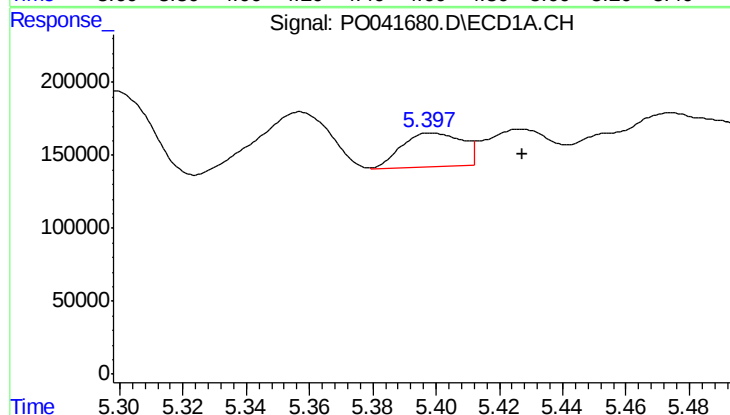
R.T.: 5.357 min
Delta R.T.: 0.024 min
Response: 655517
Conc: 238.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



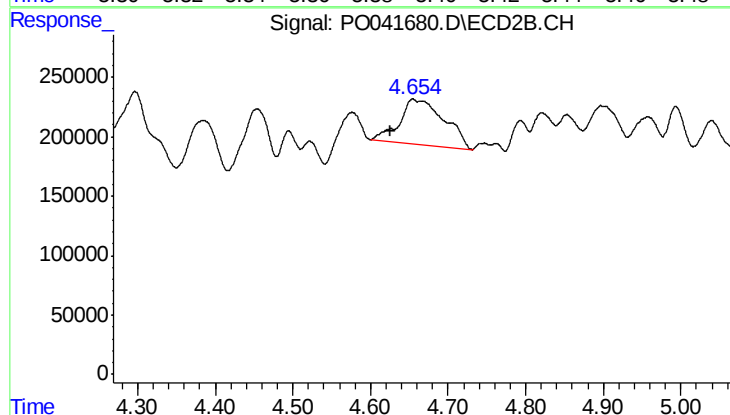
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 4.584 min
Response: 0
Conc: N.D.



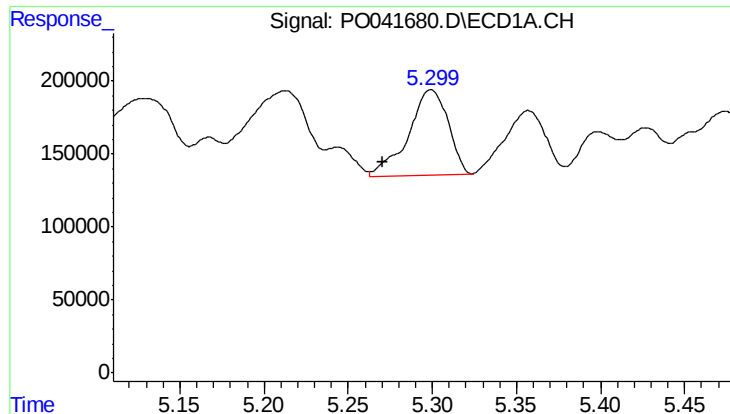
#15 AR-1232-5

R.T.: 5.399 min
Delta R.T.: -0.028 min
Response: 299625
Conc: 142.69 ng/ml



#15 AR-1232-5

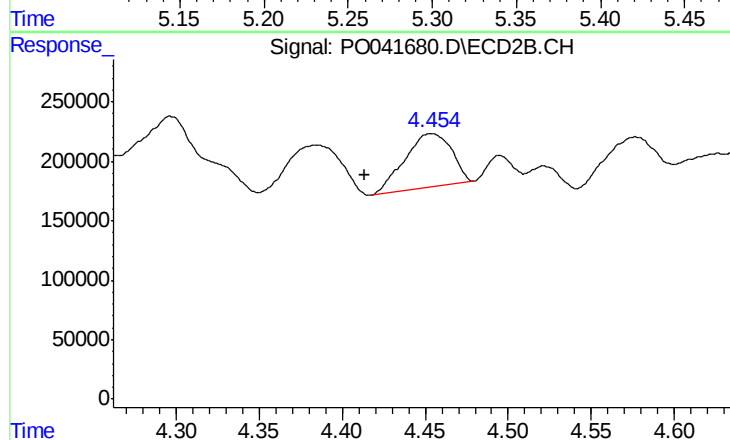
R.T.: 4.655 min
Delta R.T.: 0.028 min
Response: 1519009
Conc: 702.59 ng/ml



#17 AR-1242-2

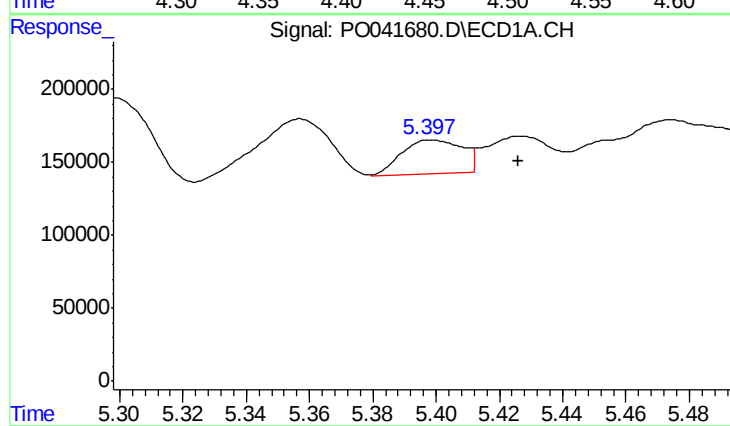
R.T.: 5.299 min
Delta R.T.: 0.029 min
Response: 954065
Conc: 129.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



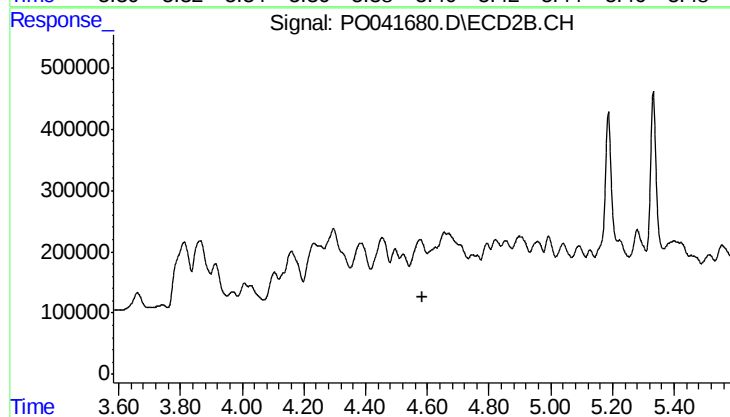
#17 AR-1242-2

R.T.: 4.454 min
Delta R.T.: 0.040 min
Response: 887699
Conc: 51.74 ng/ml



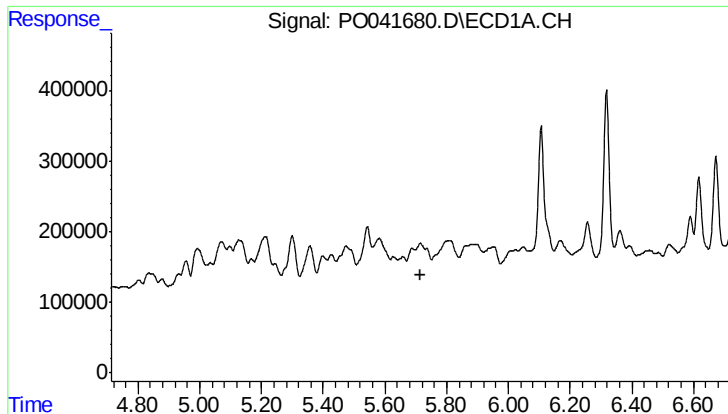
#18 AR-1242-3

R.T.: 5.399 min
Delta R.T.: -0.027 min
Response: 299625
Conc: 81.51 ng/ml



#18 AR-1242-3

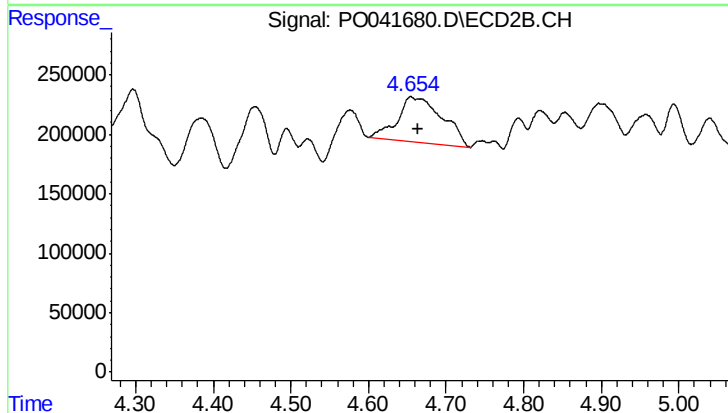
R.T.: 0.000 min
Exp R.T.: 4.583 min
Response: 0
Conc: N.D.



#19 AR-1242-4

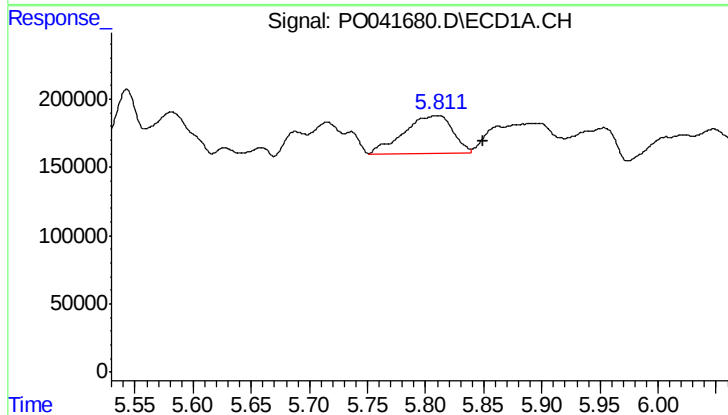
R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



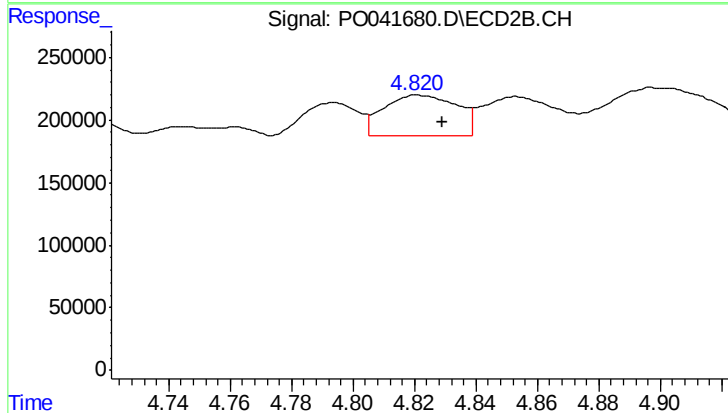
#19 AR-1242-4

R.T.: 4.655 min
Delta R.T.: -0.010 min
Response: 1519009
Conc: 290.16 ng/ml



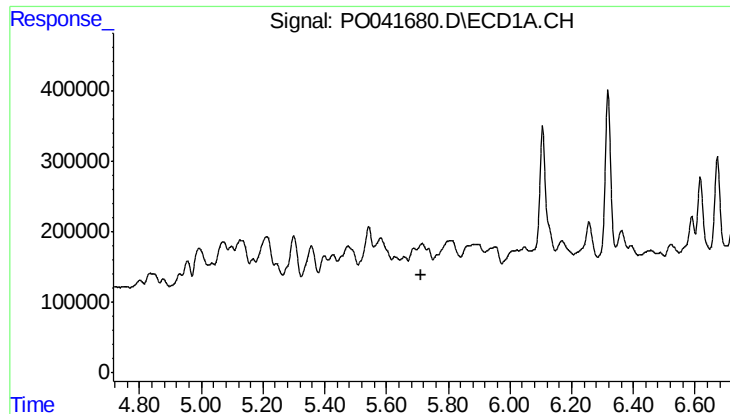
#20 AR-1242-5

R.T.: 5.810 min
Delta R.T.: -0.039 min
Response: 804999
Conc: 193.01 ng/ml



#20 AR-1242-5

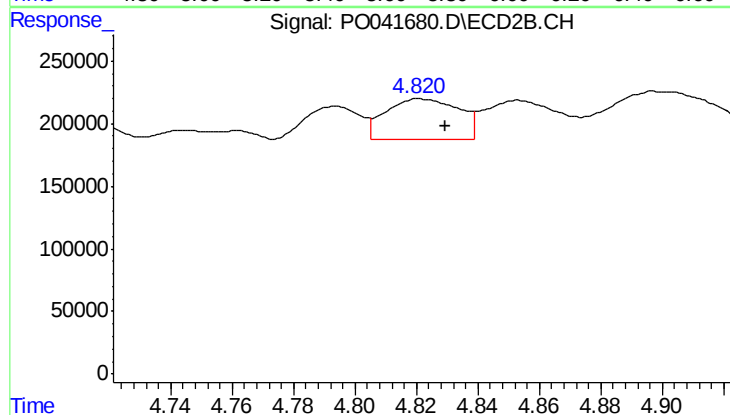
R.T.: 4.821 min
Delta R.T.: -0.007 min
Response: 536350
Conc: 92.76 ng/ml



#21 AR-1248-1

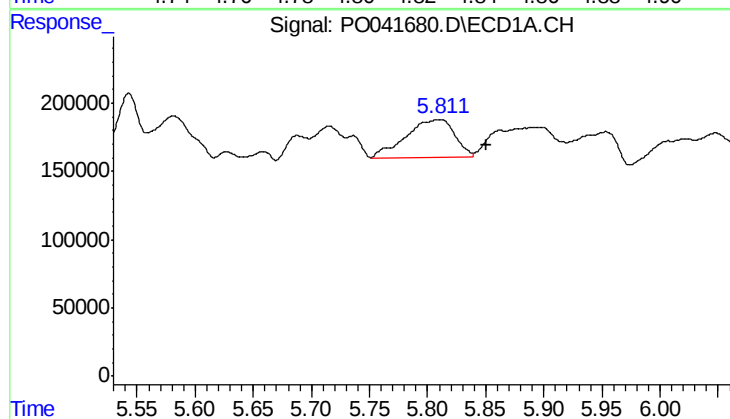
R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



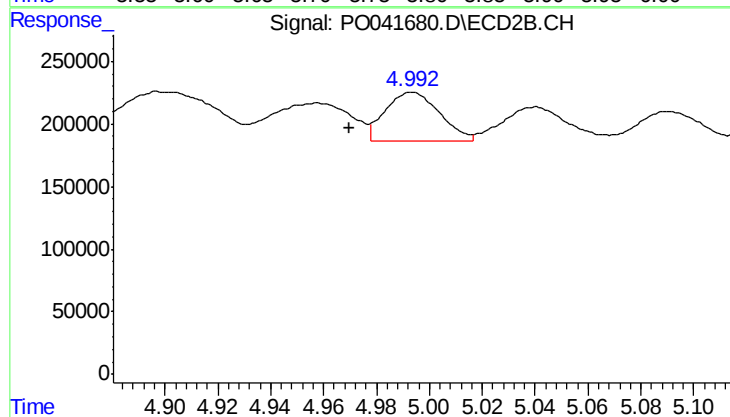
#21 AR-1248-1

R.T.: 4.821 min
Delta R.T.: -0.008 min
Response: 536350
Conc: 49.06 ng/ml



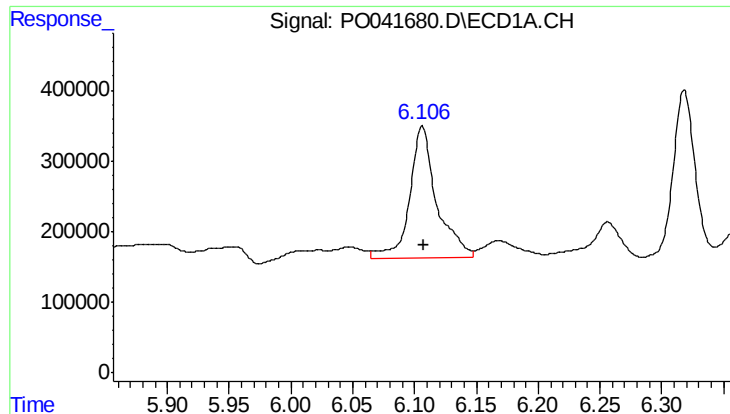
#22 AR-1248-2

R.T.: 5.810 min
Delta R.T.: -0.041 min
Response: 804999
Conc: 128.41 ng/ml



#22 AR-1248-2

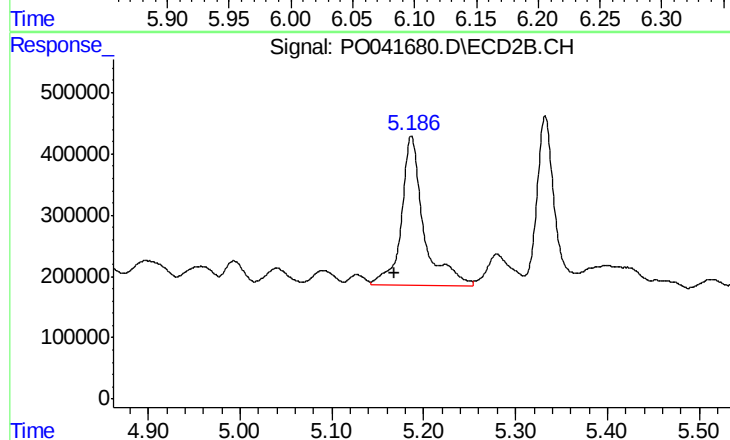
R.T.: 4.993 min
Delta R.T.: 0.024 min
Response: 550007
Conc: 56.56 ng/ml



#23 AR-1248-3

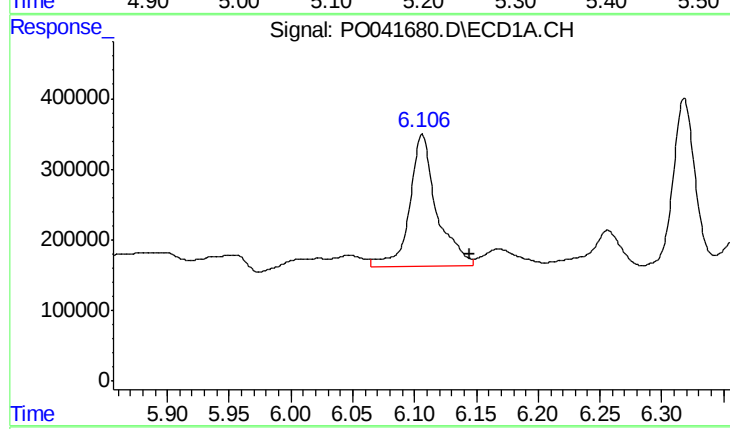
R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 2868656
Conc: 313.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



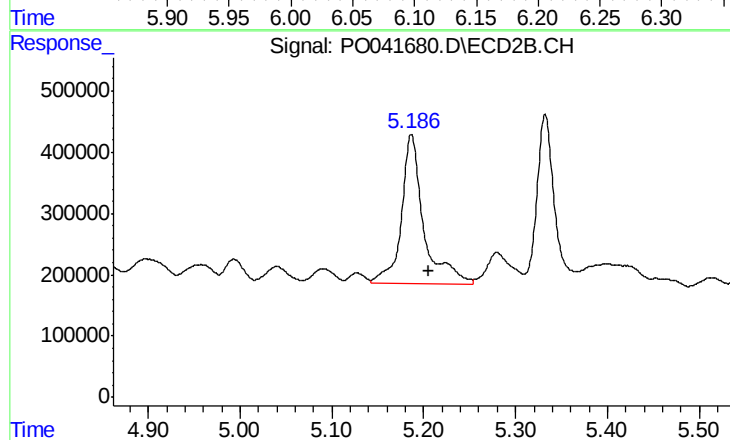
#23 AR-1248-3

R.T.: 5.187 min
Delta R.T.: 0.019 min
Response: 4131440
Conc: 243.59 ng/ml



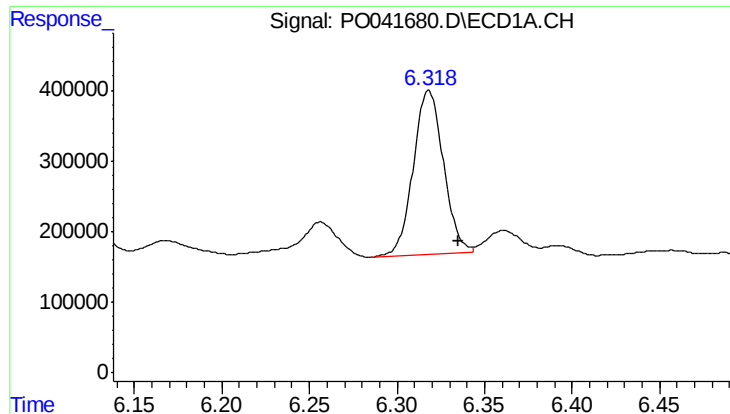
#24 AR-1248-4

R.T.: 6.106 min
Delta R.T.: -0.039 min
Response: 2868656
Conc: 320.12 ng/ml



#24 AR-1248-4

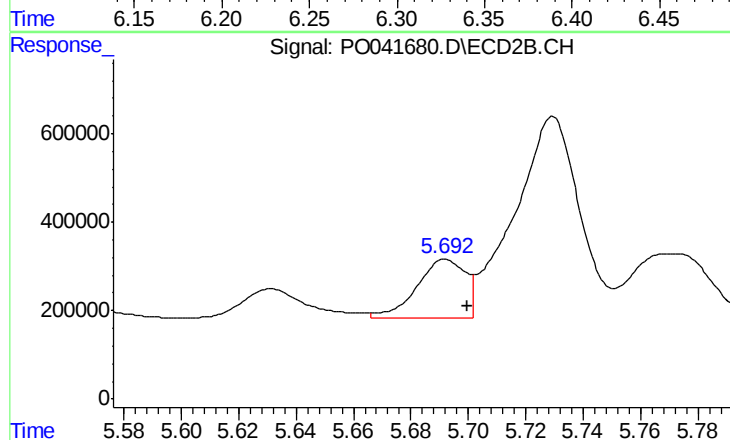
R.T.: 5.187 min
Delta R.T.: -0.020 min
Response: 4131440
Conc: 305.98 ng/ml



#25 AR-1248-5

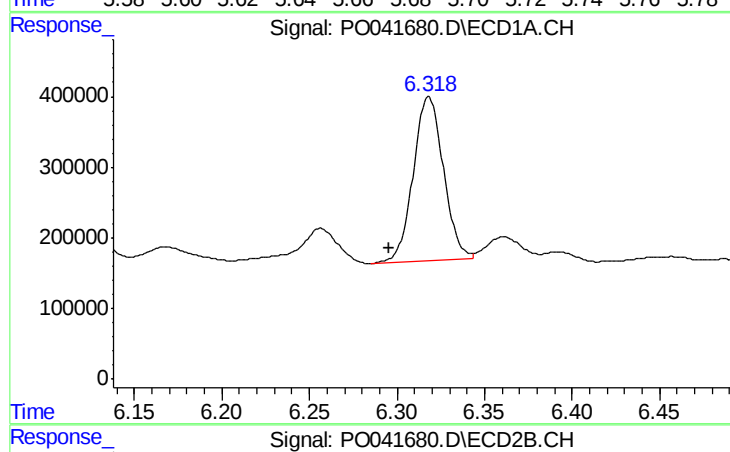
R.T.: 6.318 min
Delta R.T.: -0.017 min
Response: 2764906
Conc: 462.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



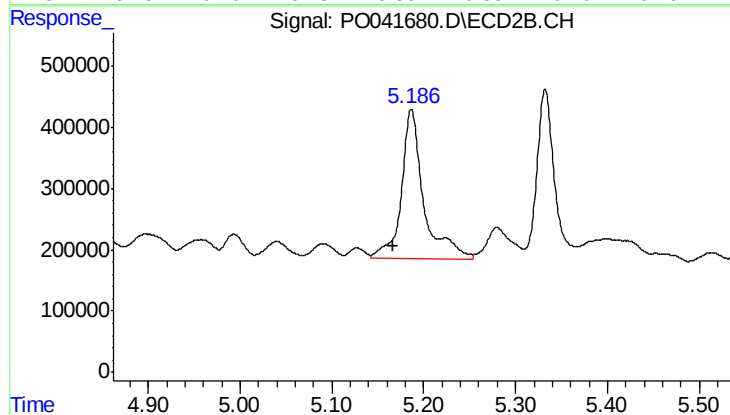
#25 AR-1248-5

R.T.: 5.692 min
Delta R.T.: -0.007 min
Response: 1578326
Conc: 204.83 ng/ml



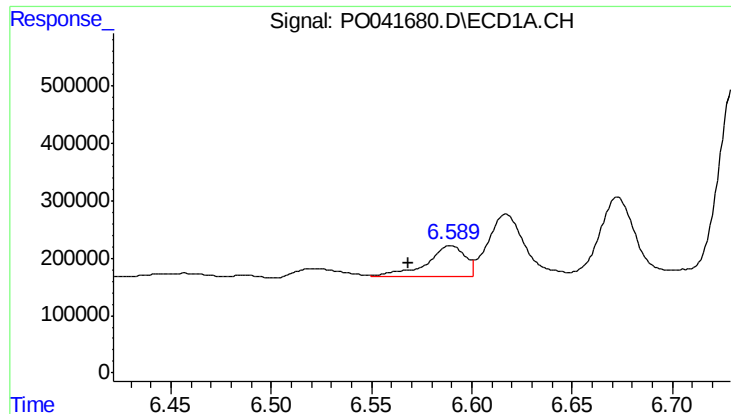
#26 AR-1254-1

R.T.: 6.318 min
Delta R.T.: 0.023 min
Response: 2764906
Conc: 196.41 ng/ml



#26 AR-1254-1

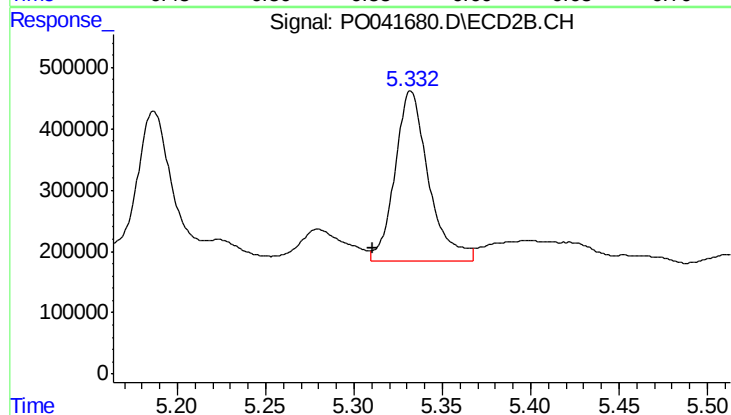
R.T.: 5.187 min
Delta R.T.: 0.020 min
Response: 4131440
Conc: 223.37 ng/ml



#27 AR-1254-2

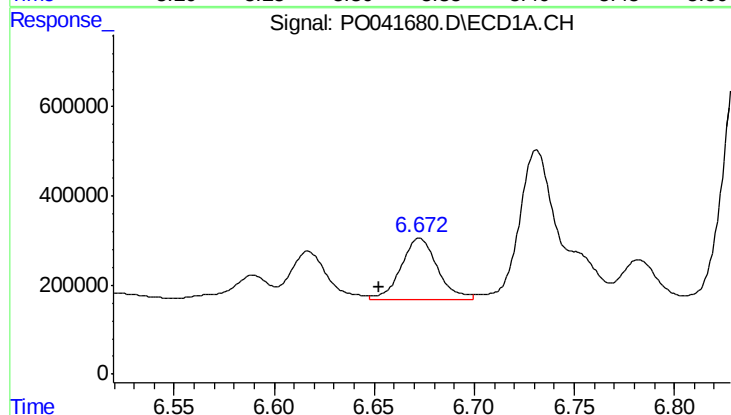
R.T.: 6.590 min
Delta R.T.: 0.021 min
Response: 719652
Conc: 82.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



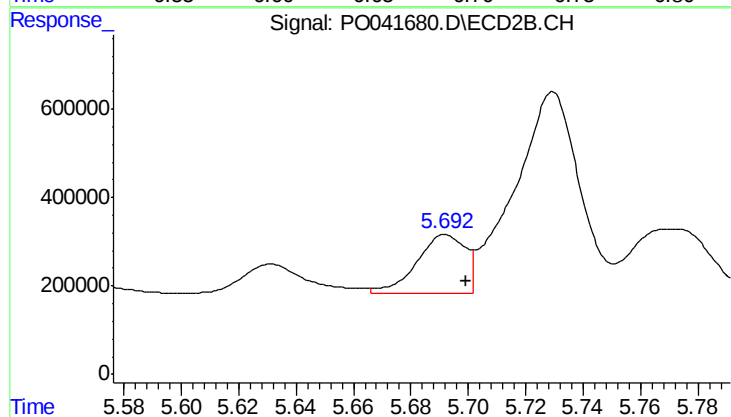
#27 AR-1254-2

R.T.: 5.332 min
Delta R.T.: 0.022 min
Response: 3677157
Conc: 222.37 ng/ml



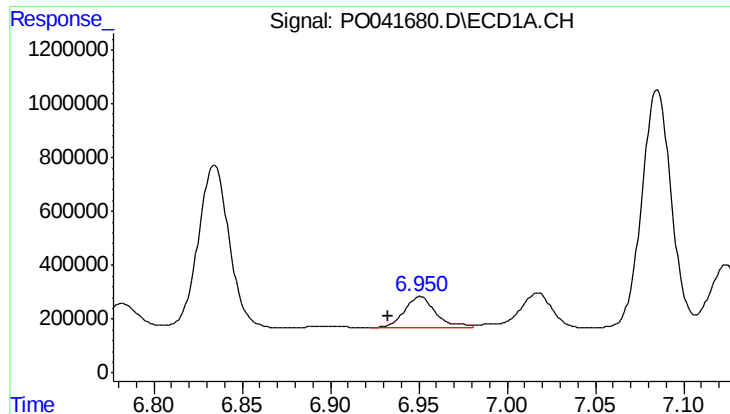
#28 AR-1254-3

R.T.: 6.673 min
Delta R.T.: 0.020 min
Response: 1756110
Conc: 113.30 ng/ml



#28 AR-1254-3

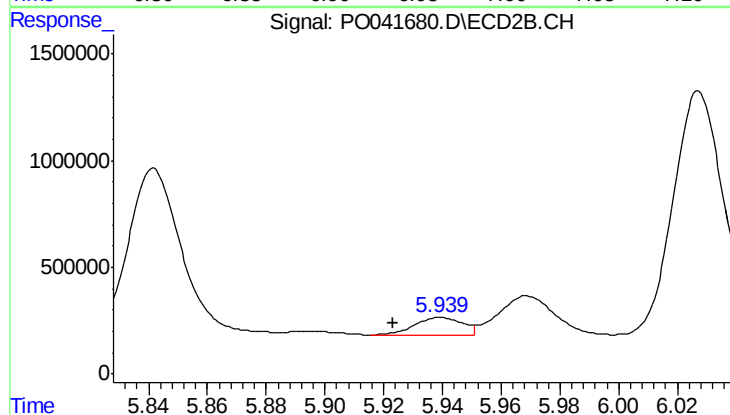
R.T.: 5.692 min
Delta R.T.: -0.007 min
Response: 1578326
Conc: 57.37 ng/ml



#29 AR-1254-4

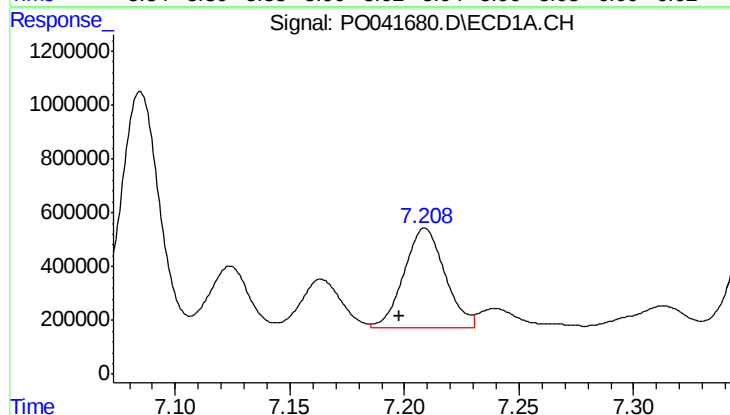
R.T.: 6.951 min
Delta R.T.: 0.018 min
Response: 1475992
Conc: 112.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



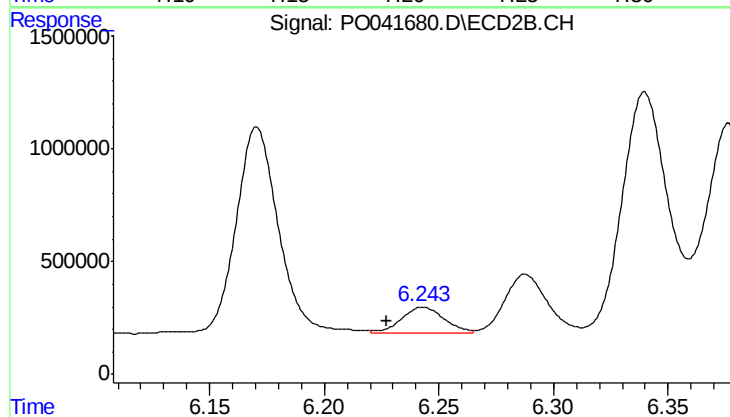
#29 AR-1254-4

R.T.: 5.939 min
Delta R.T.: 0.016 min
Response: 954721
Conc: 49.00 ng/ml



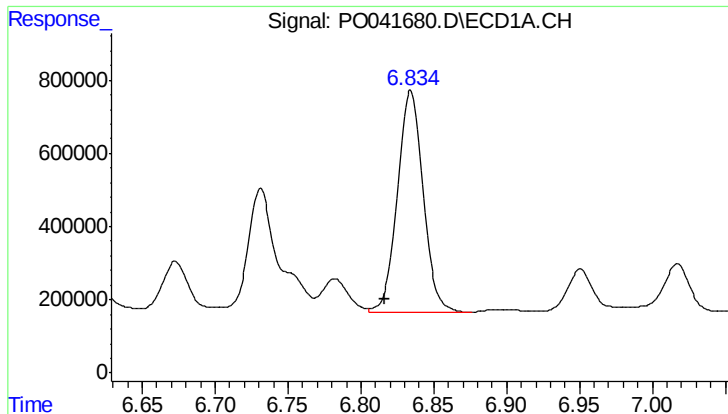
#30 AR-1254-5

R.T.: 7.209 min
Delta R.T.: 0.011 min
Response: 4600832
Conc: 488.74 ng/ml



#30 AR-1254-5

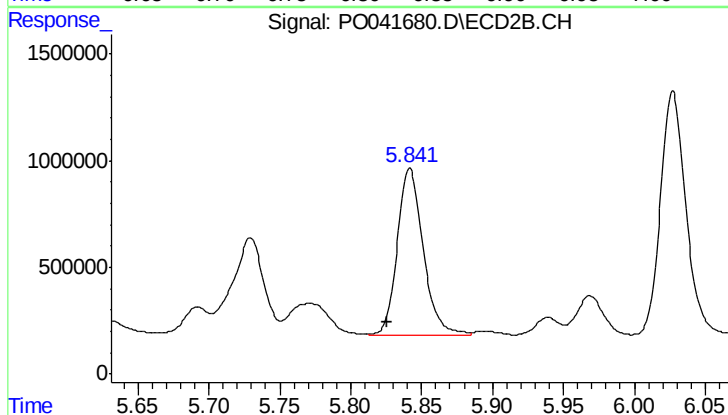
R.T.: 6.243 min
Delta R.T.: 0.016 min
Response: 1535917
Conc: 115.96 ng/ml



#31 AR-1260-1

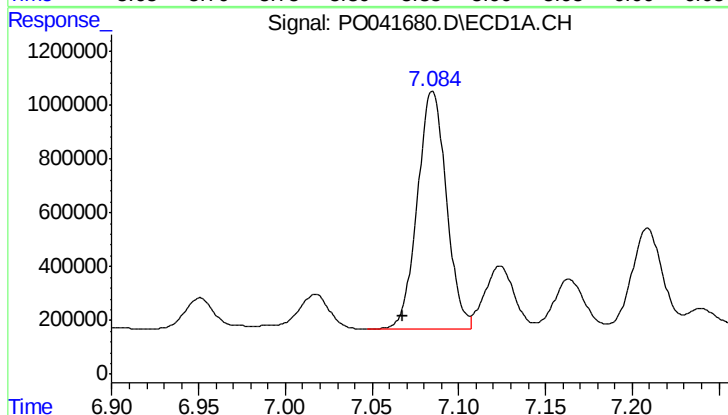
R.T.: 6.834 min
Delta R.T.: 0.018 min
Response: 7451595
Conc: 592.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



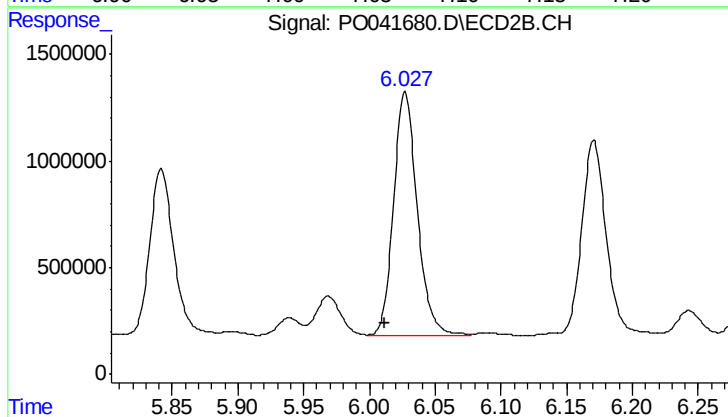
#31 AR-1260-1

R.T.: 5.842 min
Delta R.T.: 0.016 min
Response: 10000272
Conc: 468.47 ng/ml



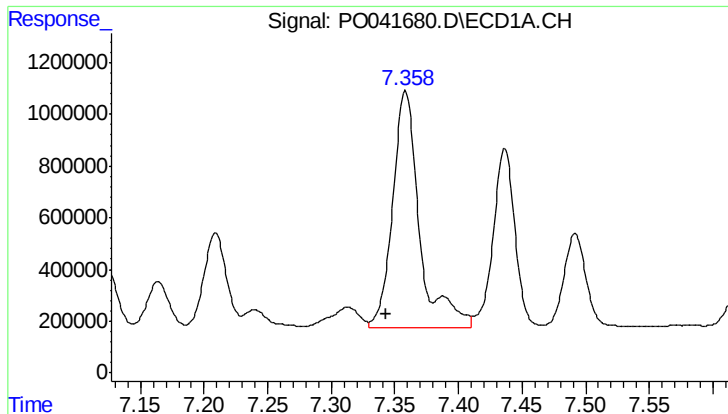
#32 AR-1260-2

R.T.: 7.085 min
Delta R.T.: 0.017 min
Response: 10256431
Conc: 589.47 ng/ml



#32 AR-1260-2

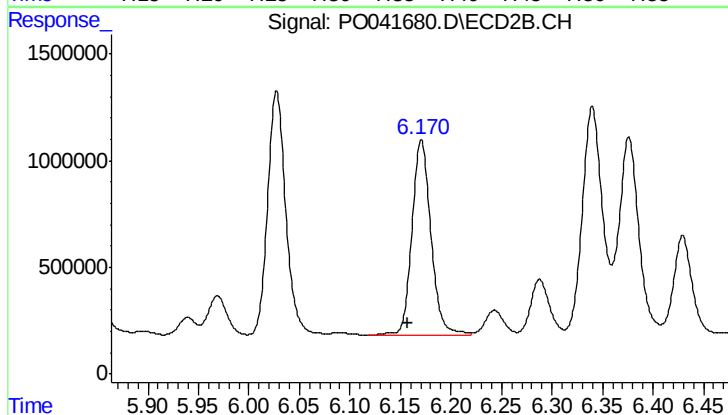
R.T.: 6.027 min
Delta R.T.: 0.015 min
Response: 14347460
Conc: 454.22 ng/ml



#33 AR-1260-3

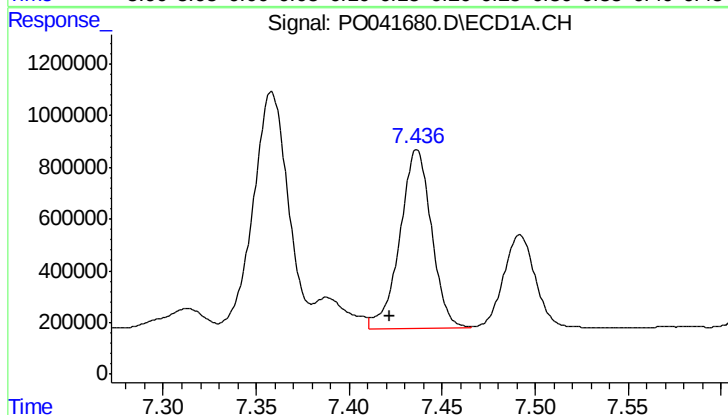
R.T.: 7.358 min
Delta R.T.: 0.015 min
Response: 13407864
Conc: 668.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



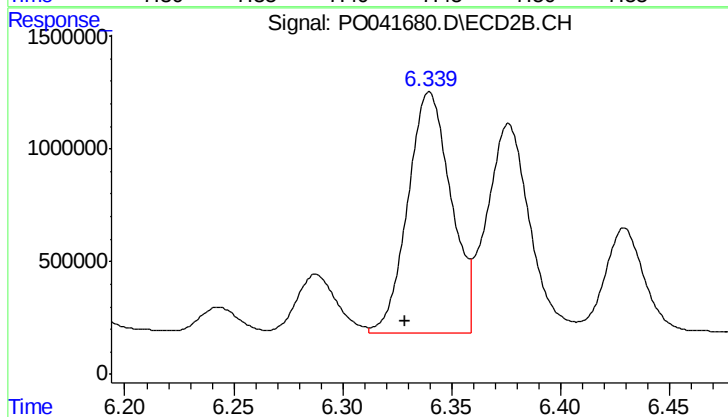
#33 AR-1260-3

R.T.: 6.171 min
Delta R.T.: 0.013 min
Response: 11992366
Conc: 459.47 ng/ml



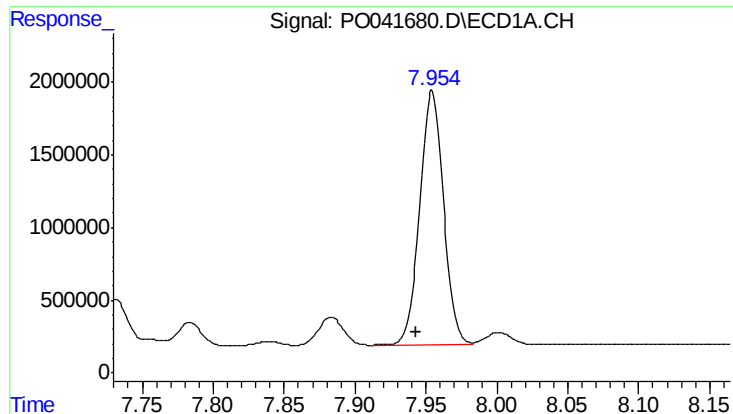
#34 AR-1260-4

R.T.: 7.436 min
Delta R.T.: 0.014 min
Response: 8179009
Conc: 695.37 ng/ml



#34 AR-1260-4

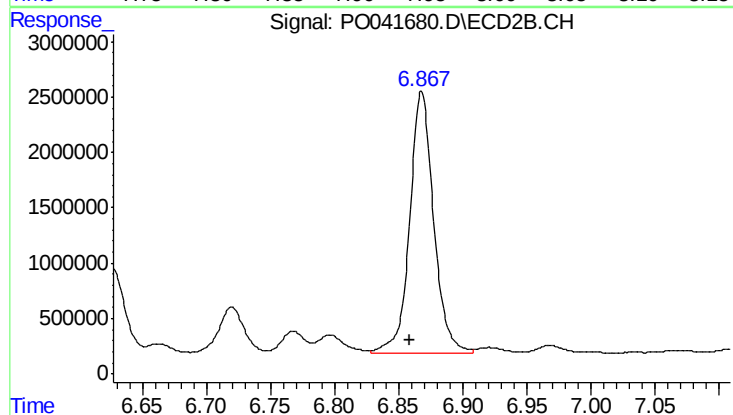
R.T.: 6.340 min
Delta R.T.: 0.011 min
Response: 14814224
Conc: 434.47 ng/ml



#35 AR-1260-5

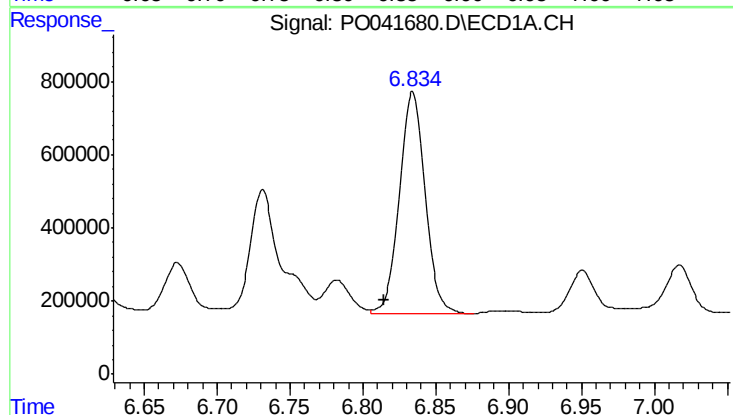
R.T.: 7.954 min
Delta R.T.: 0.011 min
Response: 20476881
Conc: 778.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



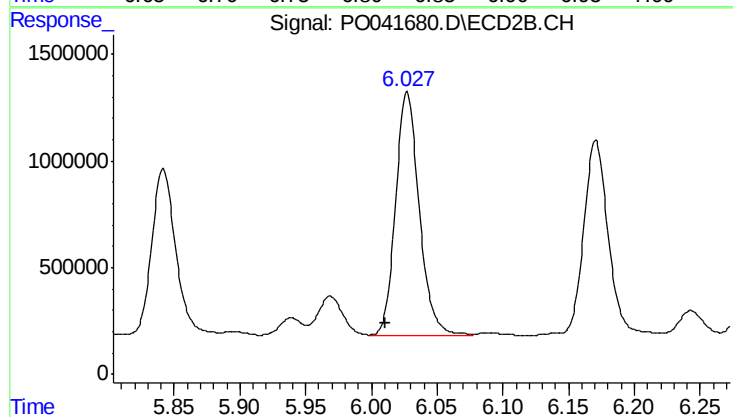
#35 AR-1260-5

R.T.: 6.868 min
Delta R.T.: 0.009 min
Response: 30734067
Conc: 572.82 ng/ml



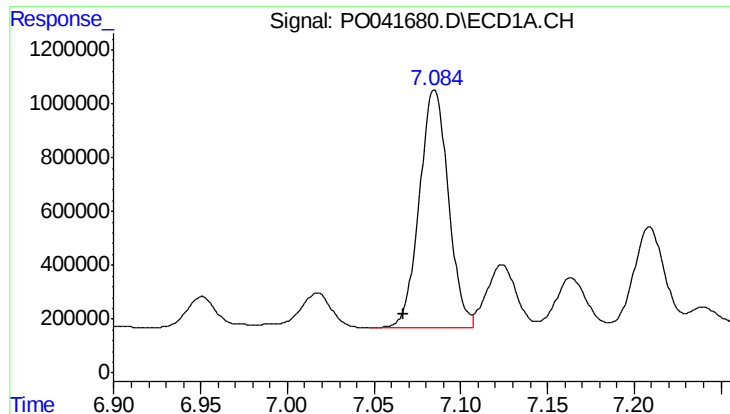
#36 AR-1262-1

R.T.: 6.834 min
Delta R.T.: 0.020 min
Response: 7451595
Conc: 787.90 ng/ml



#36 AR-1262-1

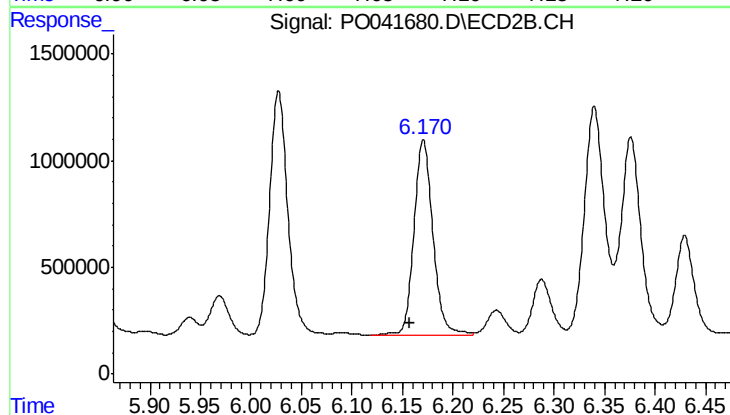
R.T.: 6.027 min
Delta R.T.: 0.016 min
Response: 14347460
Conc: 645.97 ng/ml



#37 AR-1262-2

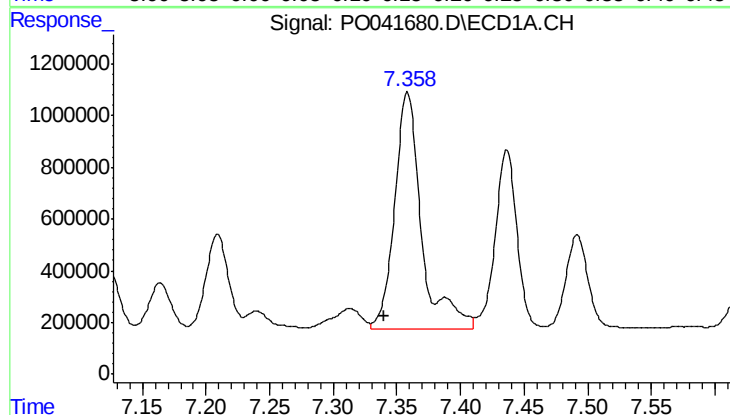
R.T.: 7.085 min
Delta R.T.: 0.018 min
Response: 10256431
Conc: 880.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



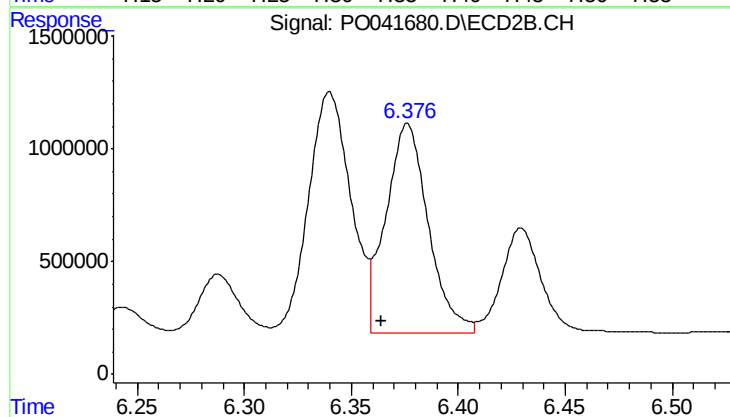
#37 AR-1262-2

R.T.: 6.171 min
Delta R.T.: 0.013 min
Response: 11992366
Conc: 596.33 ng/ml



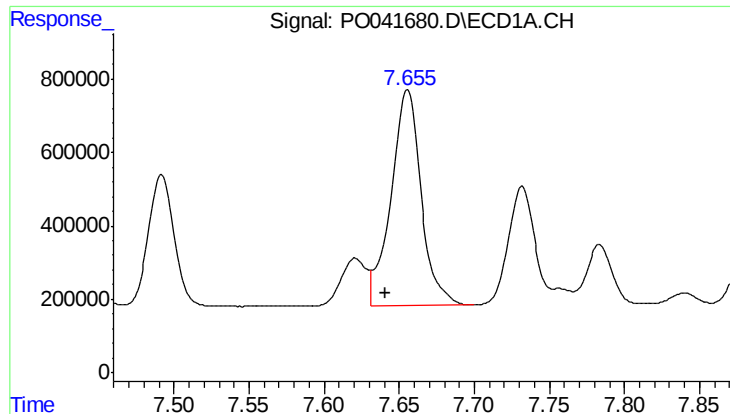
#38 AR-1262-3

R.T.: 7.358 min
Delta R.T.: 0.019 min
Response: 13407864
Conc: 1165.23 ng/ml



#38 AR-1262-3

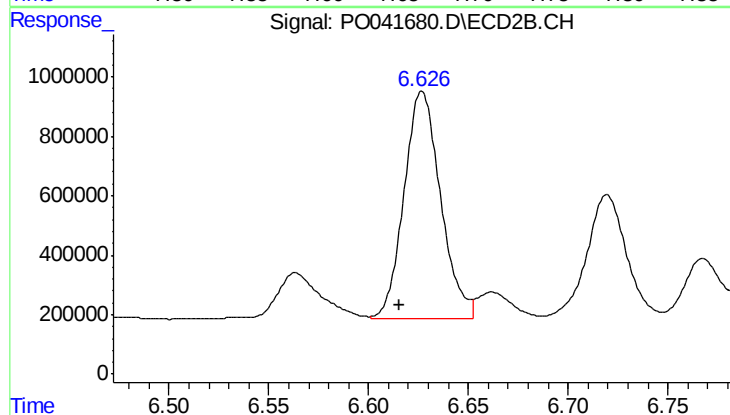
R.T.: 6.376 min
Delta R.T.: 0.012 min
Response: 12852440
Conc: 346.76 ng/ml



#39 AR-1262-4

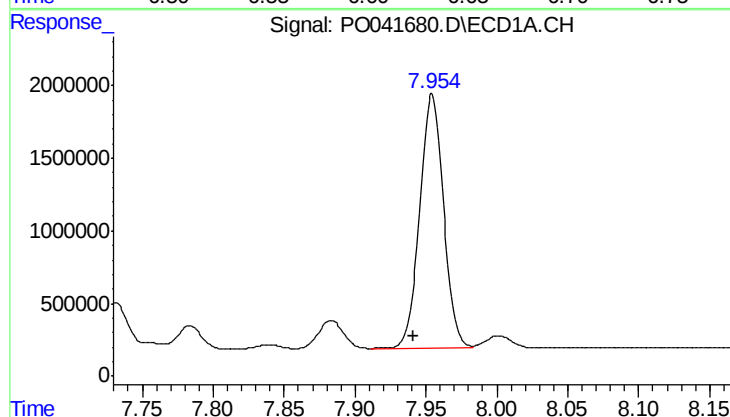
R.T.: 7.655 min
Delta R.T.: 0.014 min
Response: 8165073
Conc: 532.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



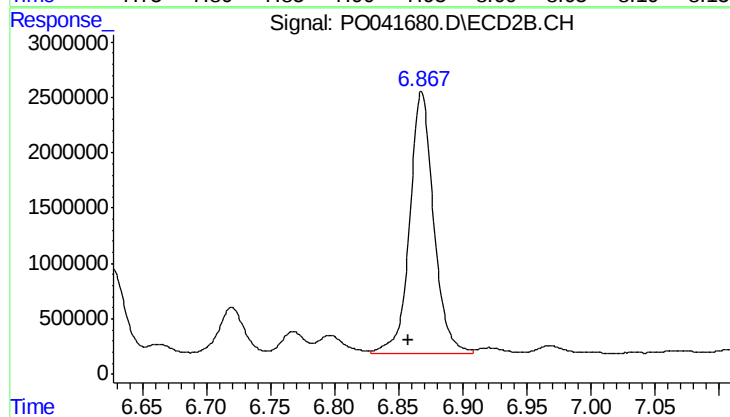
#39 AR-1262-4

R.T.: 6.627 min
Delta R.T.: 0.011 min
Response: 9759911
Conc: 352.39 ng/ml



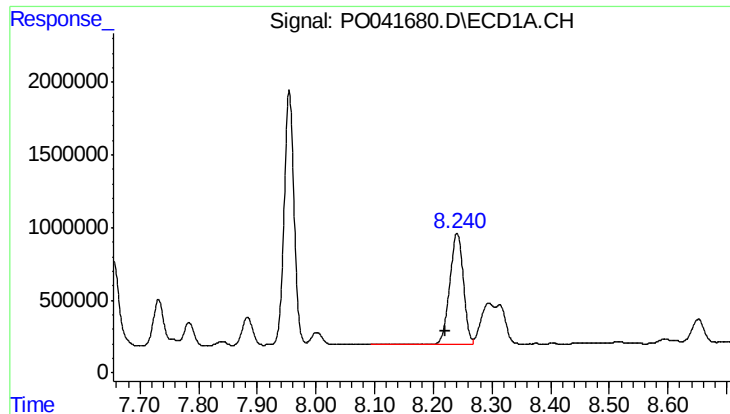
#40 AR-1262-5

R.T.: 7.954 min
Delta R.T.: 0.013 min
Response: 20476881
Conc: 636.09 ng/ml



#40 AR-1262-5

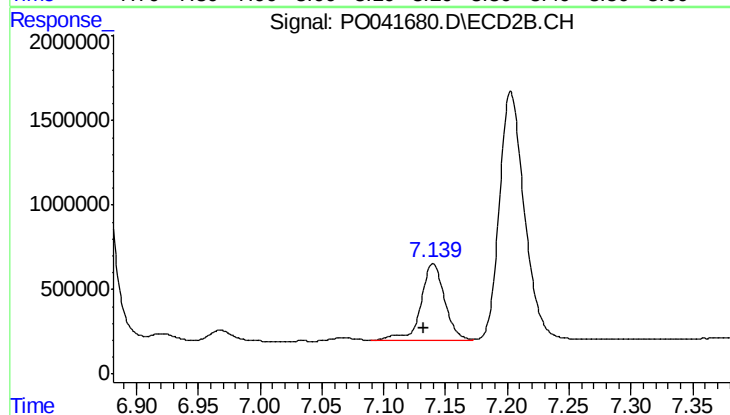
R.T.: 6.868 min
Delta R.T.: 0.010 min
Response: 30734067
Conc: 485.09 ng/ml



#41 AR-1268-1

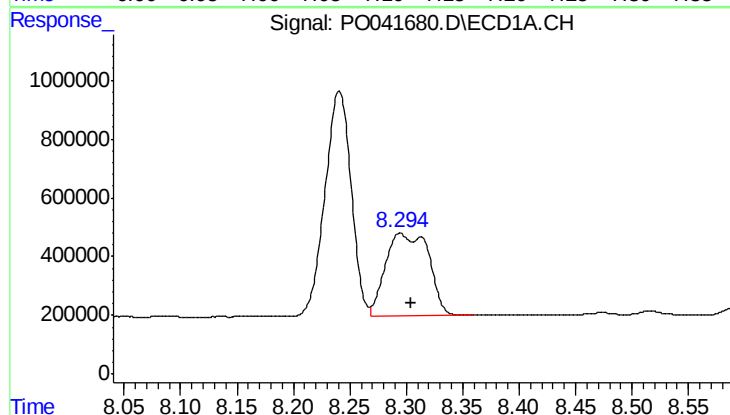
R.T.: 8.241 min
Delta R.T.: 0.019 min
Response: 12213902
Conc: 323.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



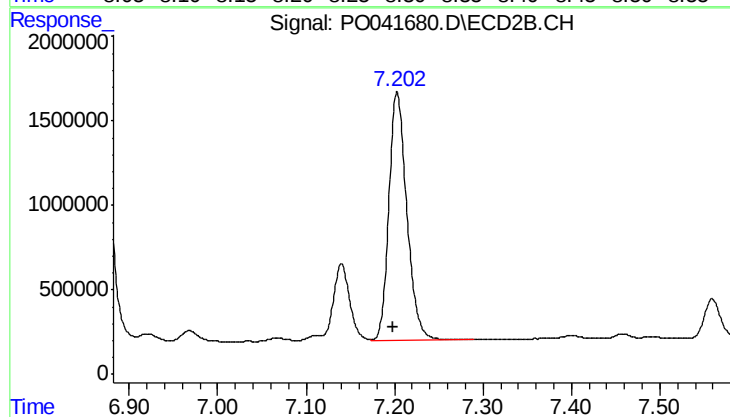
#41 AR-1268-1

R.T.: 7.140 min
Delta R.T.: 0.007 min
Response: 6189411
Conc: 84.45 ng/ml



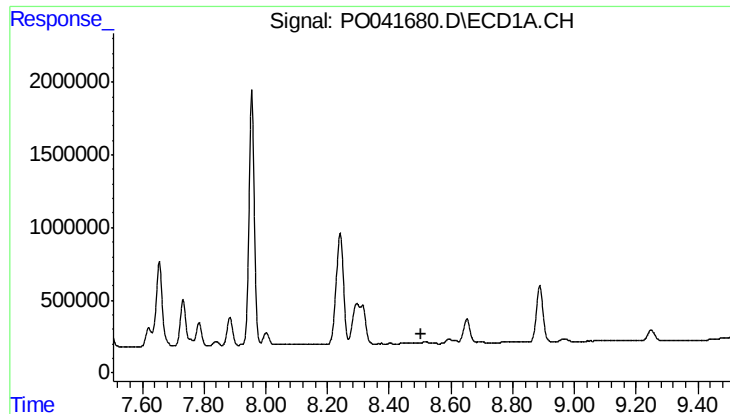
#42 AR-1268-2

R.T.: 8.295 min
Delta R.T.: -0.010 min
Response: 7435582
Conc: 224.10 ng/ml



#42 AR-1268-2

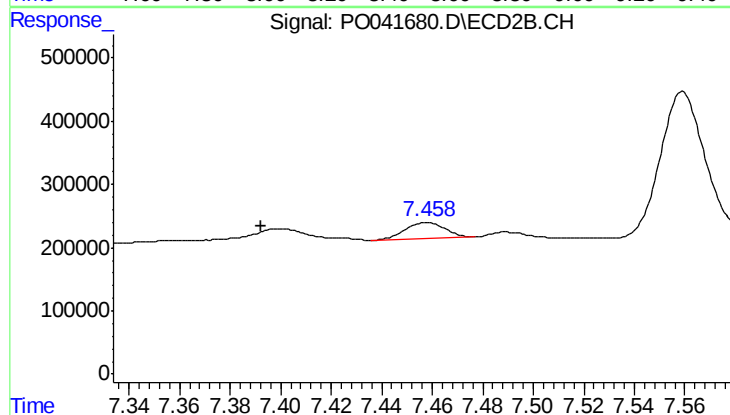
R.T.: 7.203 min
Delta R.T.: 0.005 min
Response: 20796160
Conc: 321.65 ng/ml



#43 AR-1268-3

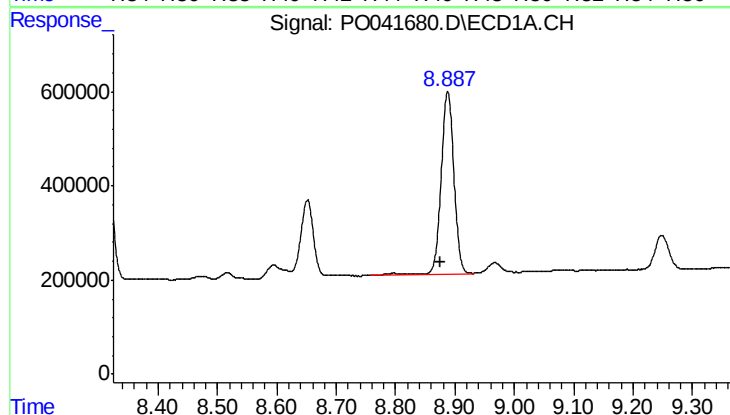
R.T.: 0.000 min
Exp R.T.: 8.506 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



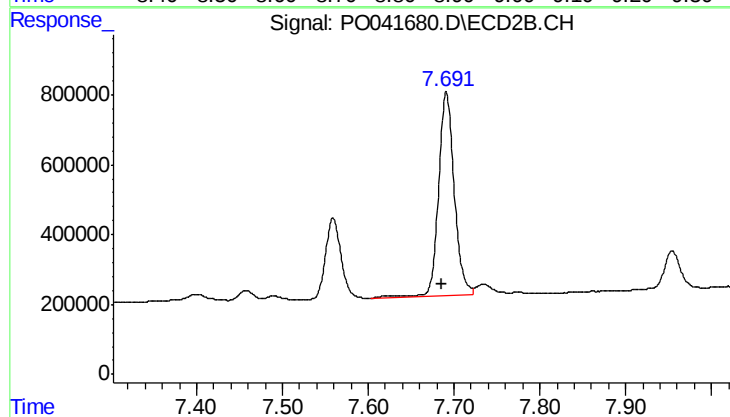
#43 AR-1268-3

R.T.: 7.458 min
Delta R.T.: 0.065 min
Response: 275325
Conc: 5.04 ng/ml



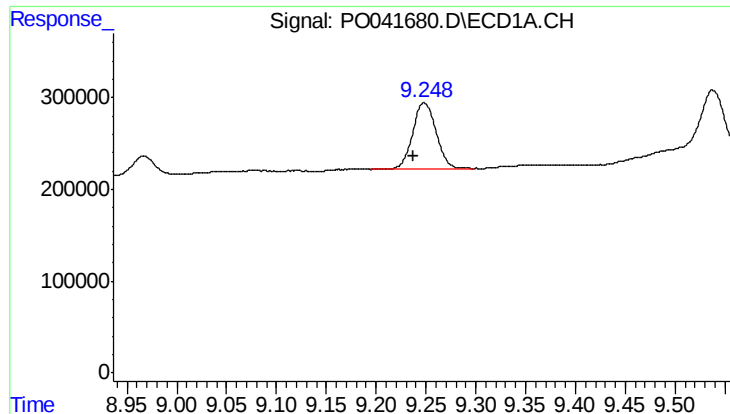
#44 AR-1268-4

R.T.: 8.888 min
Delta R.T.: 0.012 min
Response: 5776394
Conc: 463.44 ng/ml



#44 AR-1268-4

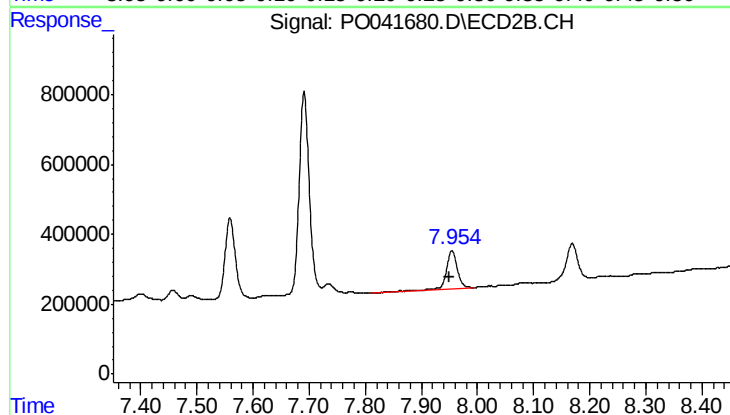
R.T.: 7.691 min
Delta R.T.: 0.006 min
Response: 7404004
Conc: 333.29 ng/ml



#45 AR-1268-5

R.T.: 9.248 min
Delta R.T.: 0.011 min
Response: 1186222
Conc: 14.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.955 min
Delta R.T.: 0.006 min
Response: 1425515
Conc: 9.90 ng/ml