

Data Path : P:\HPCHEM1\ECD 0\Data\P0012318\
 Data File : P0041705.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2018 23:14
 Operator : SM/UA
 Sample : PB105833BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 04:16:48 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...	4.121	3.365	5646799	7886703	29.257	27.168
2) SA Decachlor...	9.525	8.162	6306299	9342883	26.841	26.125
Target Compounds						
3) L1 AR-1016-1	4.991	4.188	1564262	2154494	302.125	286.670
4) L1 AR-1016-2	5.332	4.625	2142180	1924610	298.668	274.067
5) L1 AR-1016-3	5.427	4.664	1693021	2350994	284.100	277.645
6) L1 AR-1016-4	5.713	4.829	1661538	2521140	274.541	270.553
7) L1 AR-1016-5	5.850	4.969	1433072	2631600	221.853	265.428
9) L2 AR-1221-2	0.000	3.651	0	342024	N.D.	180.816 #
10) L2 AR-1221-3	4.479	3.722	1030763	1396990	222.751	223.381
11) L3 AR-1232-1	4.479	3.722	1030763	1396990	294.131	283.695
12) L3 AR-1232-2	5.250	4.414	2192648	7943159	833.167	789.995
13) L3 AR-1232-3	5.271	4.469	3549221	3121892	794.697	757.073
14) L3 AR-1232-4	5.332	4.583	2142180	2378392	777.971	767.597
15) L3 AR-1232-5	5.427	4.625	1693021	1924610	806.284	890.193
16) L4 AR-1242-1	4.804	4.022	1533967	1213675	494.795	478.247
17) L4 AR-1242-2	5.271	4.414	3549221	7943159	482.527	462.940
18) L4 AR-1242-3	5.427	4.583	1693021	2378392	460.557	452.146
19) L4 AR-1242-4	5.713	4.664	1661538	2350994	441.874	449.083
20) L4 AR-1242-5	5.850	4.829	1433072	2521140	343.595	436.025 #
21) L5 AR-1248-1	5.713	4.829	1661538	2521140	229.765	230.620
22) L5 AR-1248-2	5.850	4.969	1433072	2631600	228.594	270.641
23) L5 AR-1248-3	6.081	5.167	1478391	1820830	161.671	107.357 #
24) L5 AR-1248-4	6.081	5.167	1478391	1820830	164.977	134.852
25) L5 AR-1248-5	6.295	5.712	1420544	3974480	237.794	515.800 #
26) L6 AR-1254-1	6.295	5.167	1420544	1820830	100.913	98.445
27) L6 AR-1254-2	6.597	5.310	596060	2040114	68.533	123.373 #
28) L6 AR-1254-3	6.652	5.712	964801	3974480	62.249	144.463 #
29) L6 AR-1254-4	6.932	5.923	547257	373246	41.719	19.155 #
30) L6 AR-1254-5	7.191	6.231	1640145	666773	174.232	50.339 #
31) L7 AR-1260-1	6.814	5.824	3385738	5444950	269.144	255.073
32) L7 AR-1260-2	7.066	6.011	4504775	8024249	258.904	254.039
33) L7 AR-1260-3	7.342	6.157	5243282	6643727	261.228	254.547
34) L7 AR-1260-4	7.421	6.328	3249102	8344868	276.235	244.737
35) L7 AR-1260-5	7.941	6.858	7279364	14086174	276.755	262.537
36) L8 AR-1262-1	6.814	6.011	3385738	8024249	357.992	361.281
37) L8 AR-1262-2	7.066	6.157	4504775	6643727	386.916	330.362
38) L8 AR-1262-3	7.342	6.364	5243282	6723636	455.677	181.404 #
39) L8 AR-1262-4	7.641	6.616	3379676	4966554	220.308	179.320

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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
40) L8	AR-1262-5	7.941	6.858	7279364	14086174	226.126	222.327
41) L9	AR-1268-1	8.229	7.132	4444400	2555557	117.618	34.869 #
42) L9	AR-1268-2	8.282	7.195	2579615	9405908	77.746	145.481 #
44) L9	AR-1268-4	8.875	7.684	1746102	2610616	140.089	117.516
45) L9	AR-1268-5	9.233	7.948	560193	783877	6.935	5.445

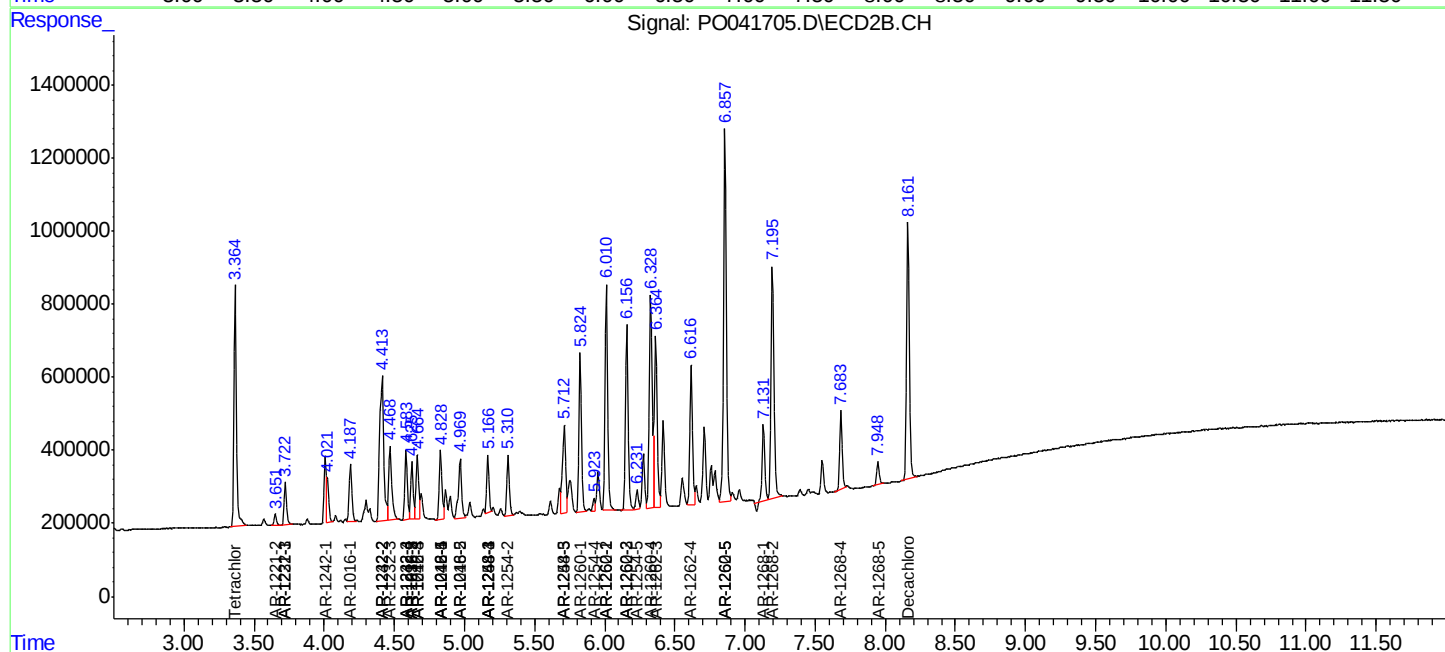
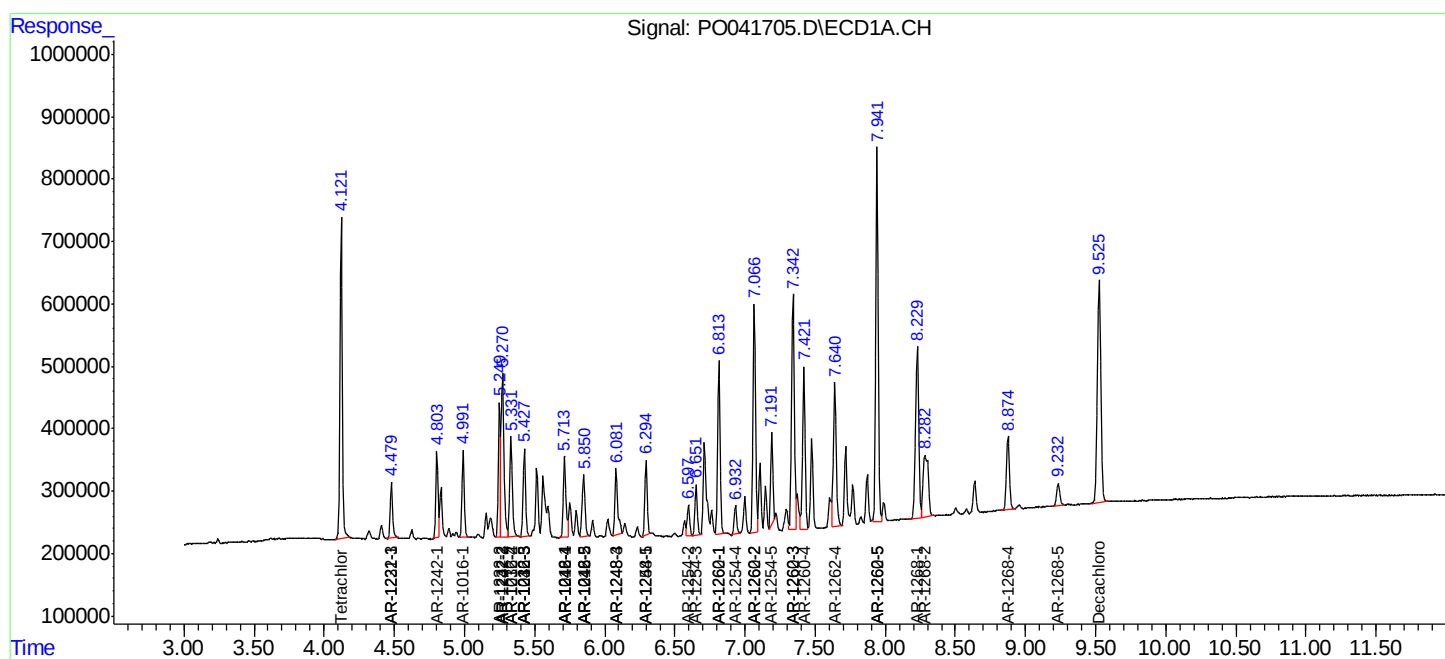
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

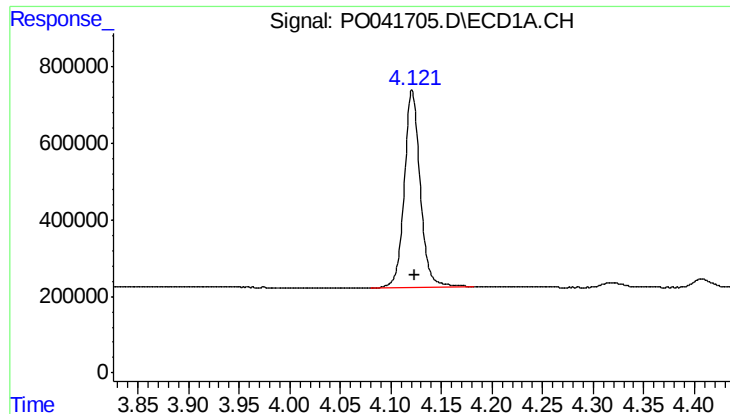
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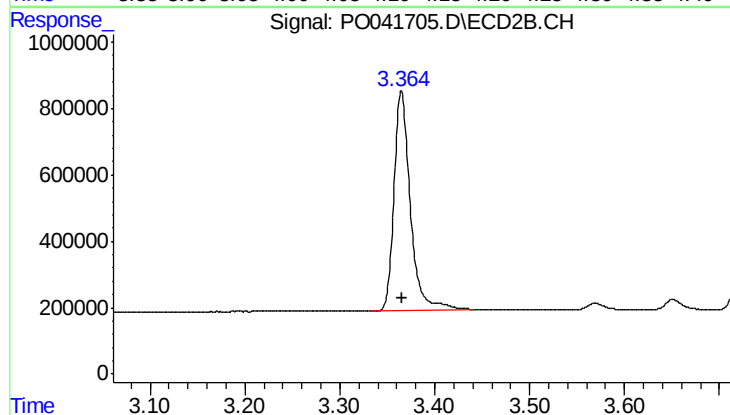




#1 Tetrachloro-m-xylene

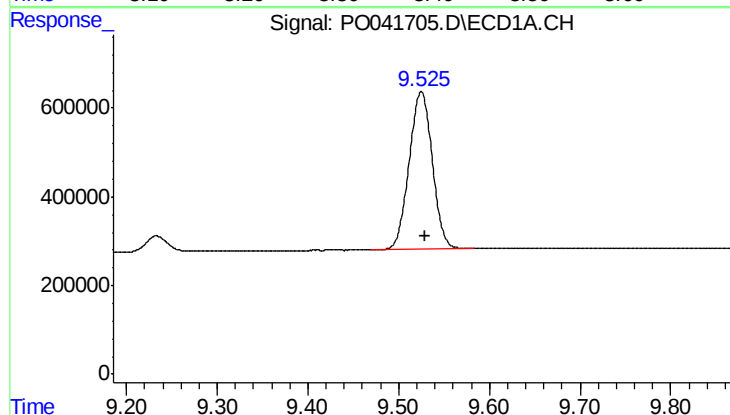
R.T.: 4.121 min
Delta R.T.: -0.002 min
Response: 5646799
Conc: 29.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



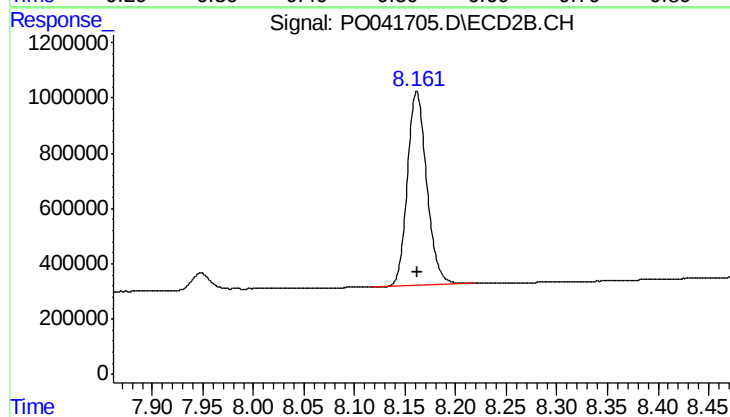
#1 Tetrachloro-m-xylene

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 7886703
Conc: 27.17 ng/ml



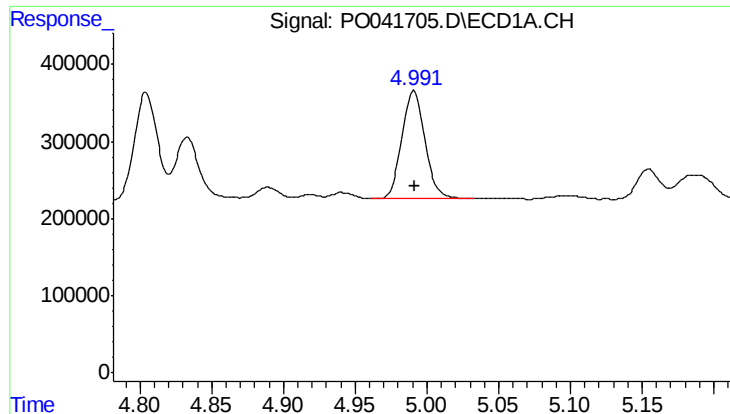
#2 Decachlorobiphenyl

R.T.: 9.525 min
Delta R.T.: -0.004 min
Response: 6306299
Conc: 26.84 ng/ml



#2 Decachlorobiphenyl

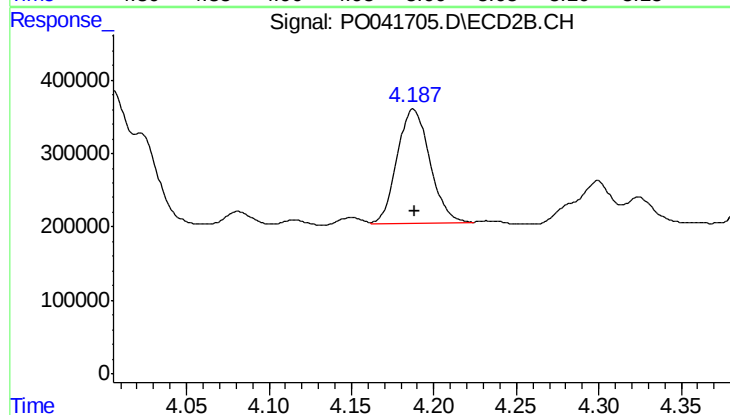
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 9342883
Conc: 26.13 ng/ml



#3 AR-1016-1

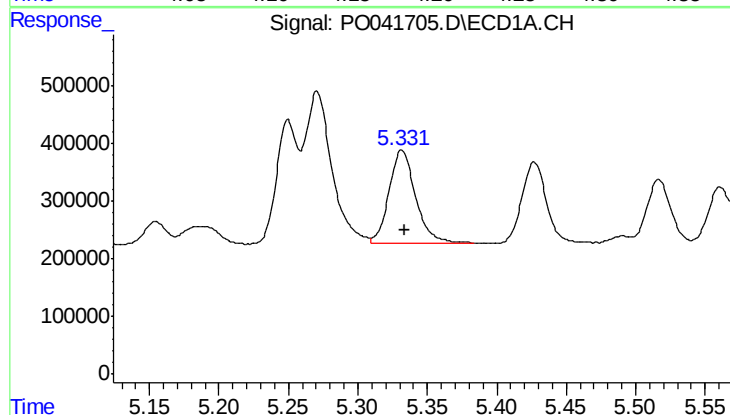
R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 1564262
Conc: 302.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



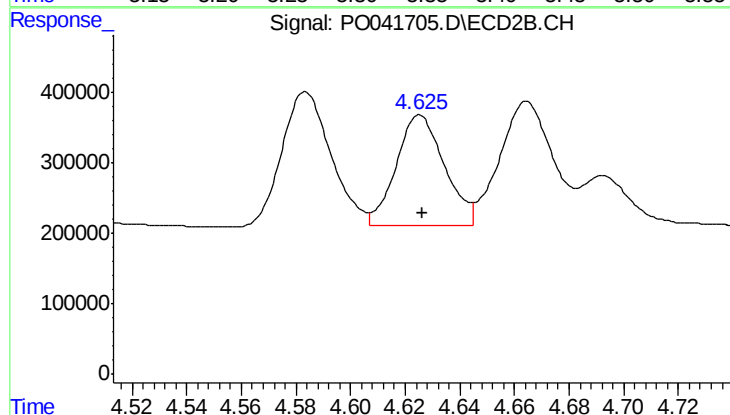
#3 AR-1016-1

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 2154494
Conc: 286.67 ng/ml



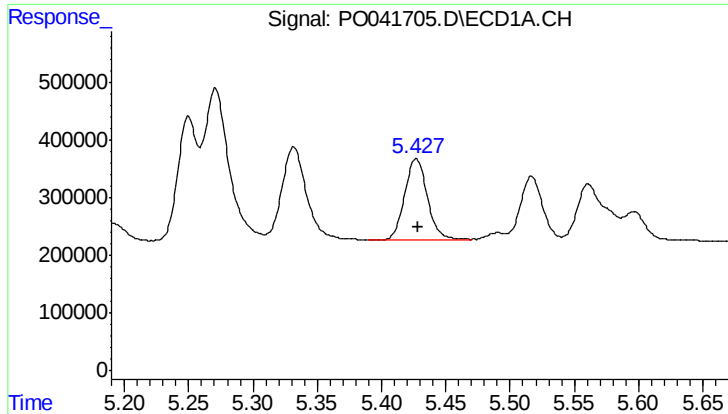
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 2142180
Conc: 298.67 ng/ml



#4 AR-1016-2

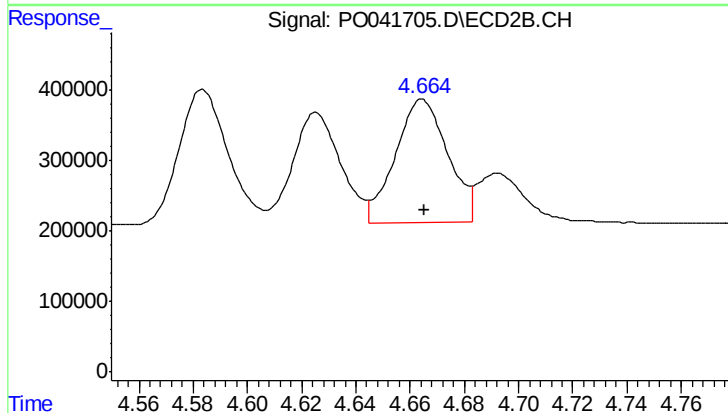
R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 1924610
Conc: 274.07 ng/ml



#5 AR-1016-3

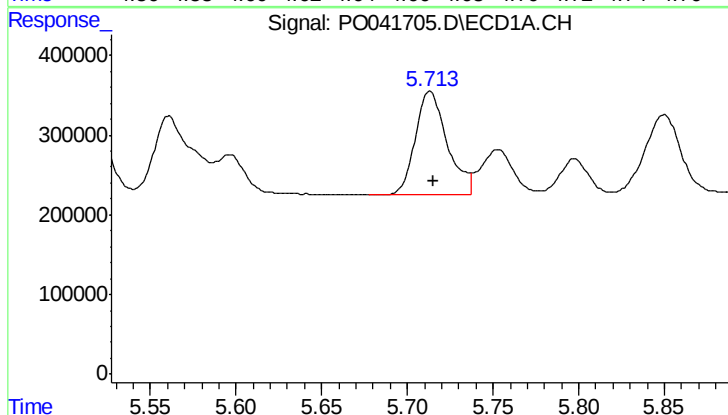
R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 1693021
Conc: 284.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



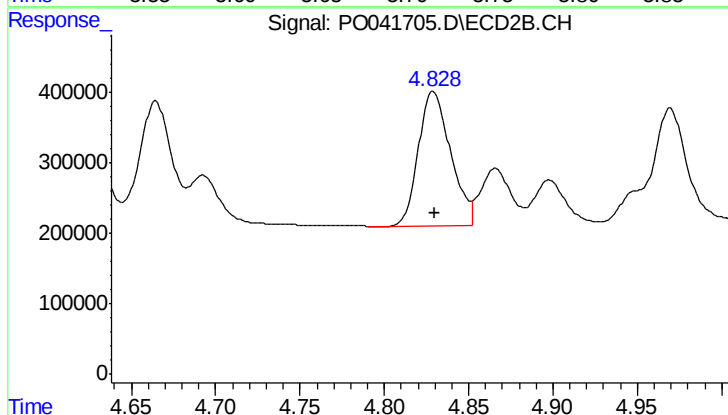
#5 AR-1016-3

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 2350994
Conc: 277.64 ng/ml



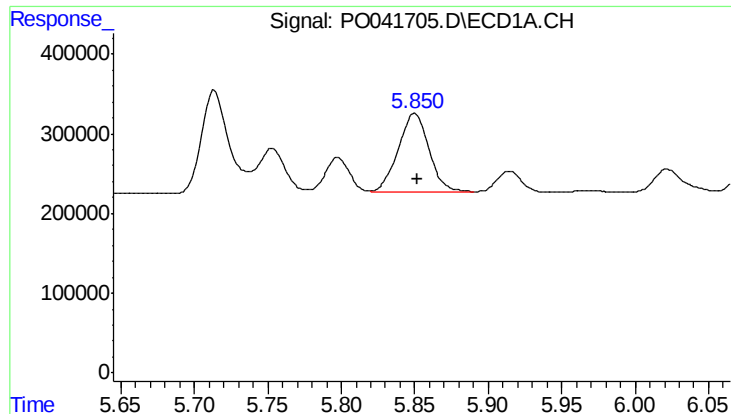
#6 AR-1016-4

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 1661538
Conc: 274.54 ng/ml



#6 AR-1016-4

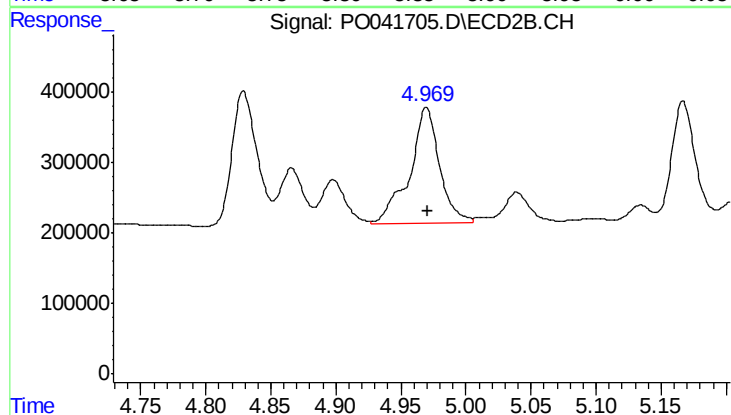
R.T.: 4.829 min
Delta R.T.: -0.001 min
Response: 2521140
Conc: 270.55 ng/ml



#7 AR-1016-5

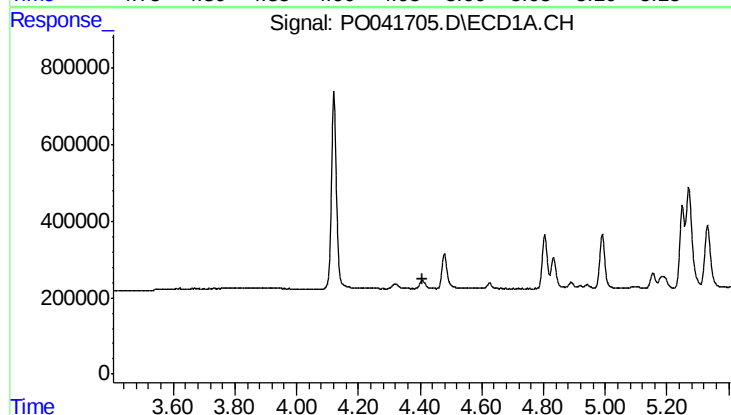
R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 1433072
Conc: 221.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



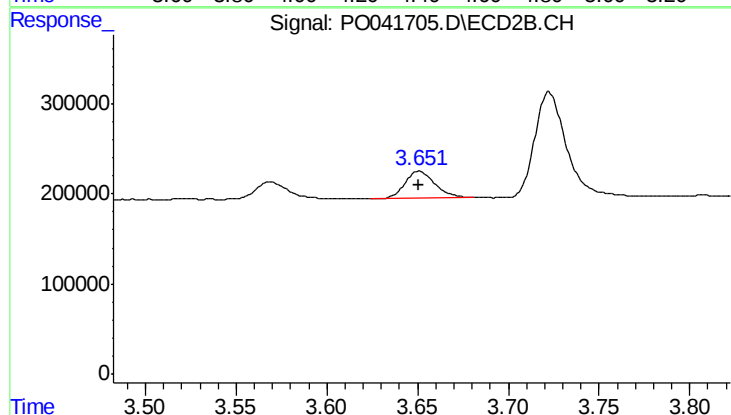
#7 AR-1016-5

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 2631600
Conc: 265.43 ng/ml



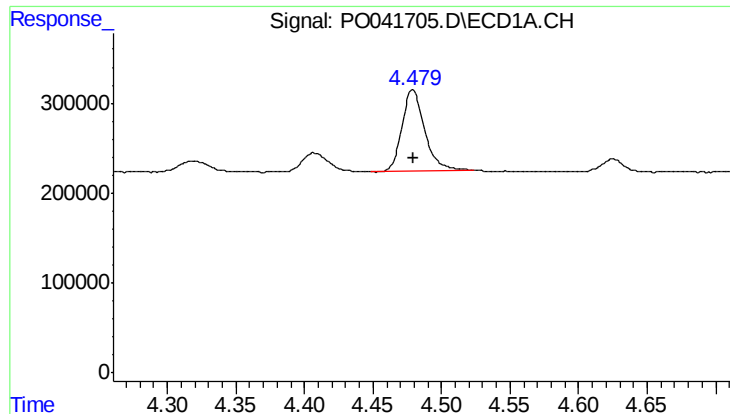
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.406 min
Response: 0
Conc: N.D.



#9 AR-1221-2

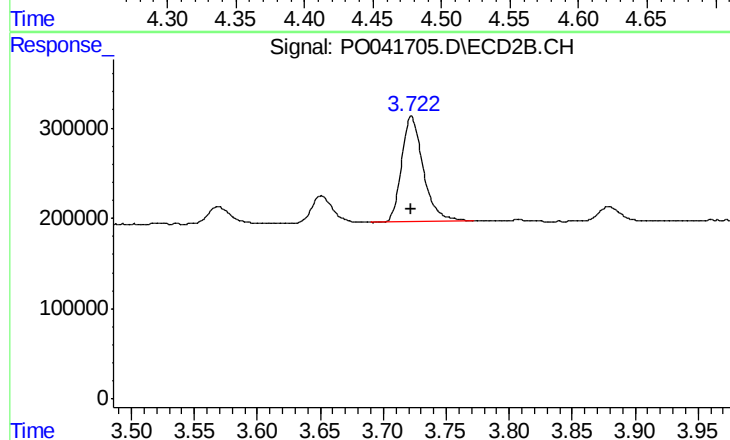
R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 342024
Conc: 180.82 ng/ml



#10 AR-1221-3

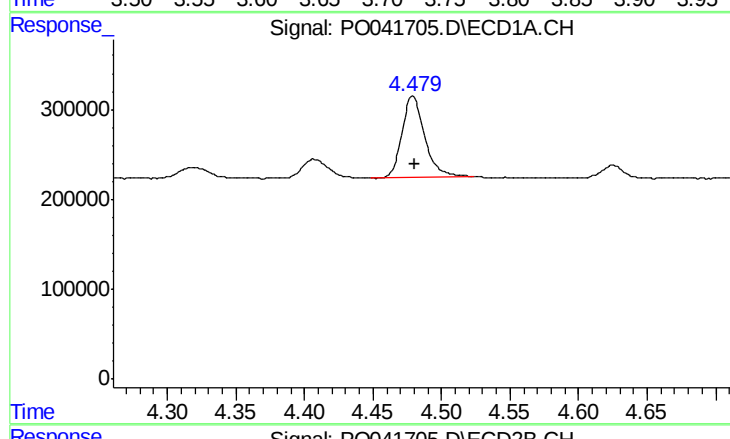
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 1030763
Conc: 222.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



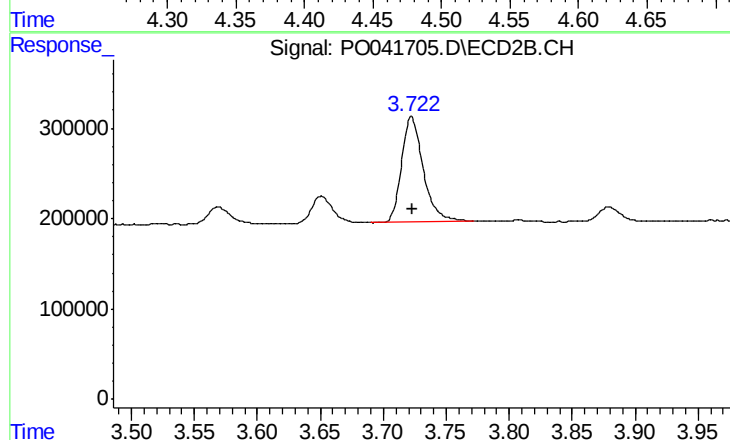
#10 AR-1221-3

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1396990
Conc: 223.38 ng/ml



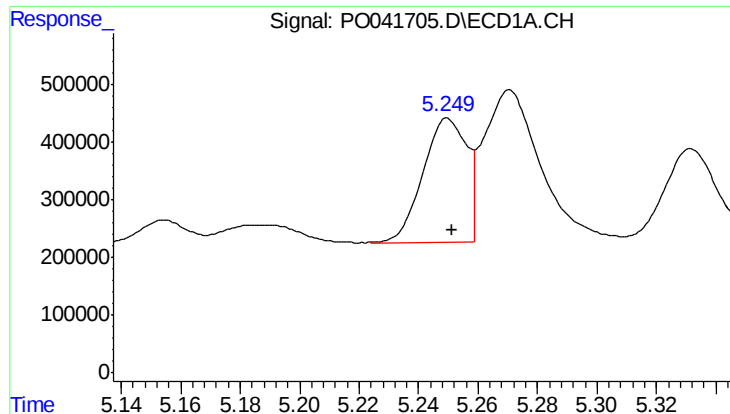
#11 AR-1232-1

R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 1030763
Conc: 294.13 ng/ml



#11 AR-1232-1

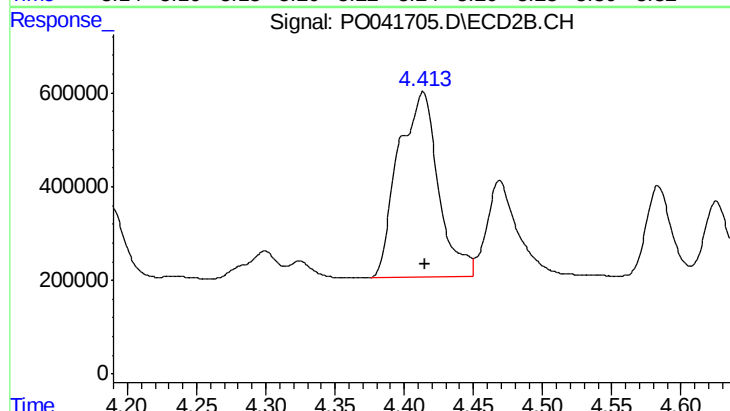
R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 1396990
Conc: 283.70 ng/ml



#12 AR-1232-2

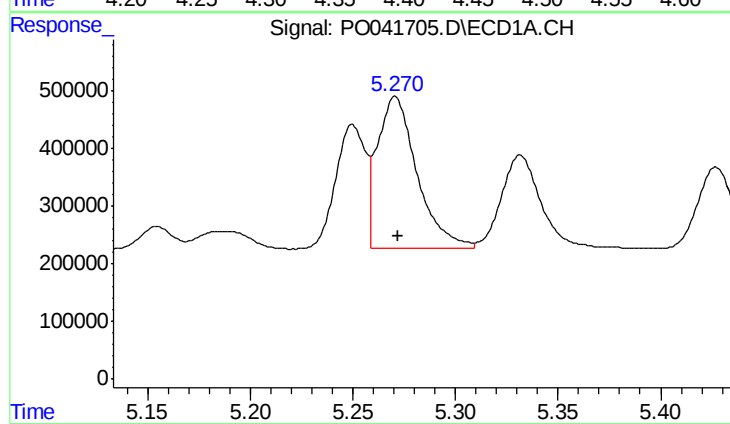
R.T.: 5.250 min
Delta R.T.: -0.001 min
Response: 2192648
Conc: 833.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



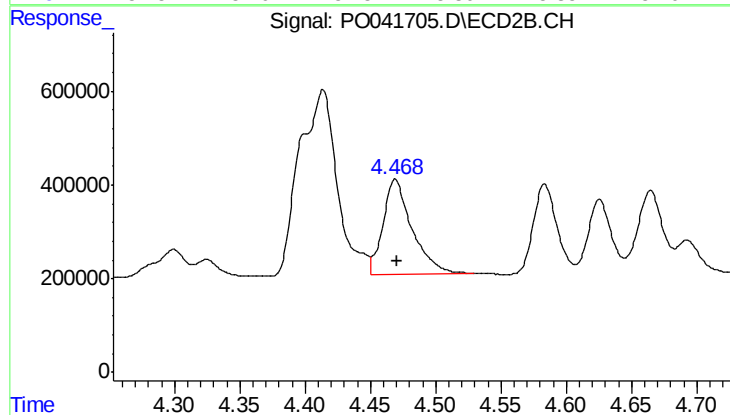
#12 AR-1232-2

R.T.: 4.414 min
Delta R.T.: -0.001 min
Response: 7943159
Conc: 789.99 ng/ml



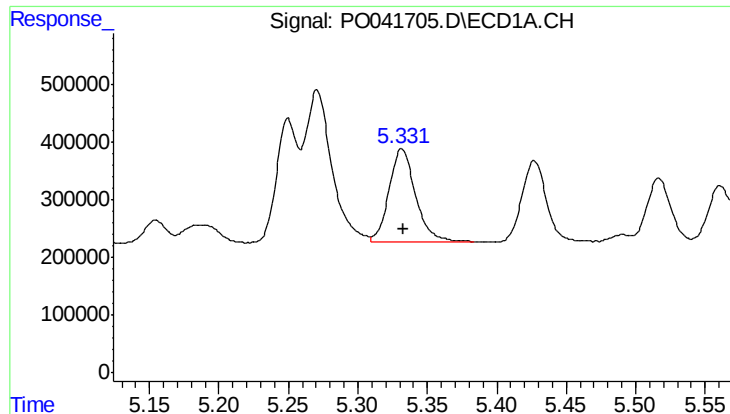
#13 AR-1232-3

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 3549221
Conc: 794.70 ng/ml



#13 AR-1232-3

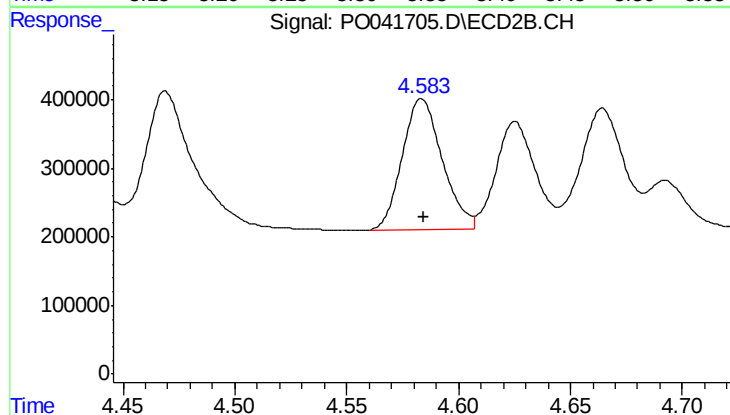
R.T.: 4.469 min
Delta R.T.: -0.001 min
Response: 3121892
Conc: 757.07 ng/ml



#14 AR-1232-4

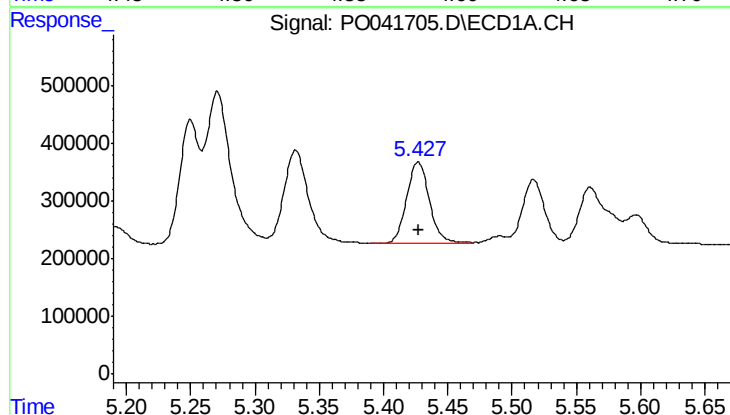
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 2142180
Conc: 777.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



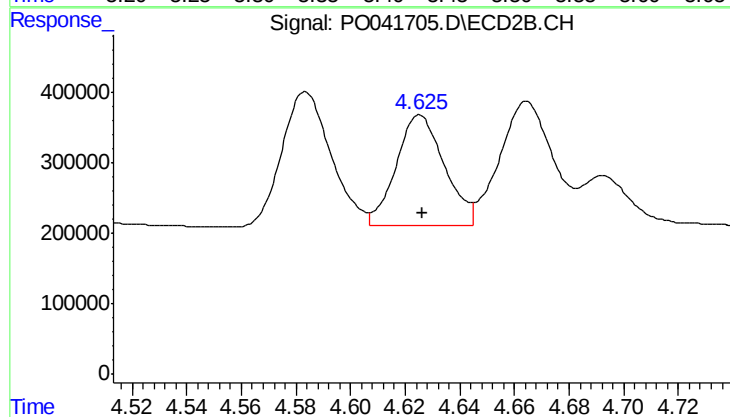
#14 AR-1232-4

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2378392
Conc: 767.60 ng/ml



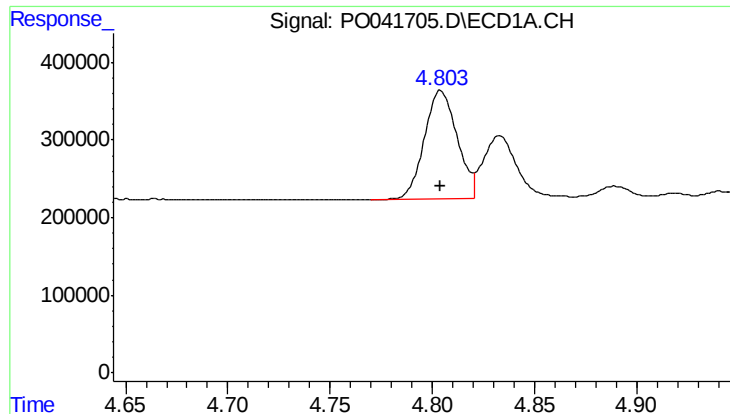
#15 AR-1232-5

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 1693021
Conc: 806.28 ng/ml



#15 AR-1232-5

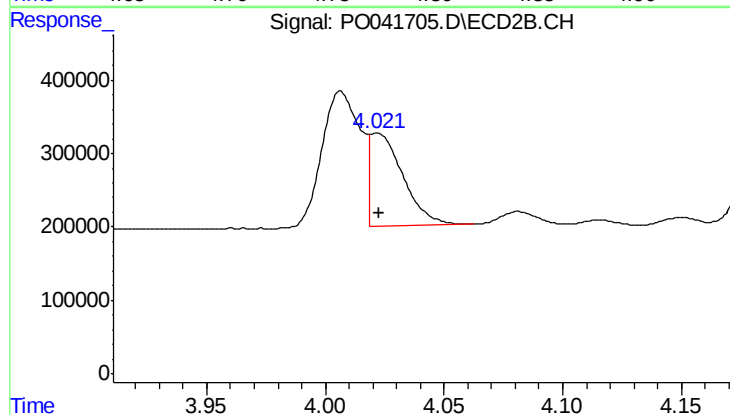
R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 1924610
Conc: 890.19 ng/ml



#16 AR-1242-1

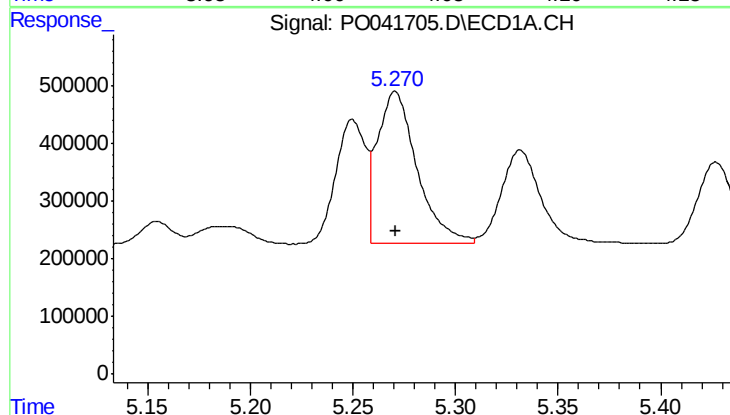
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 1533967
Conc: 494.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



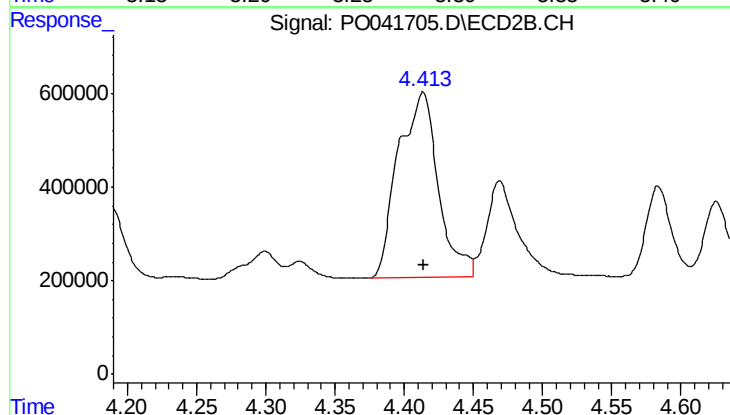
#16 AR-1242-1

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 1213675
Conc: 478.25 ng/ml



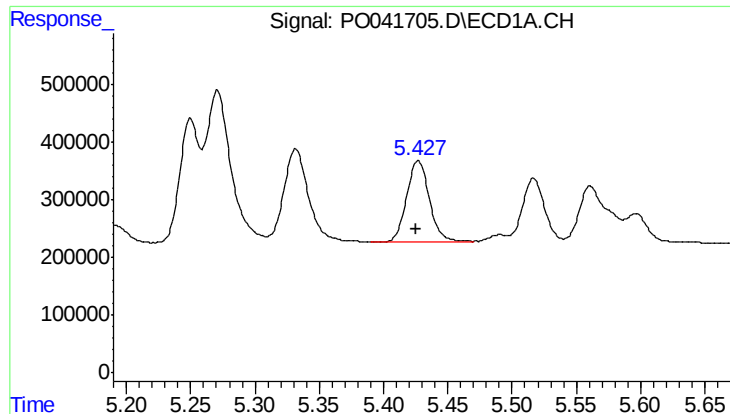
#17 AR-1242-2

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 3549221
Conc: 482.53 ng/ml



#17 AR-1242-2

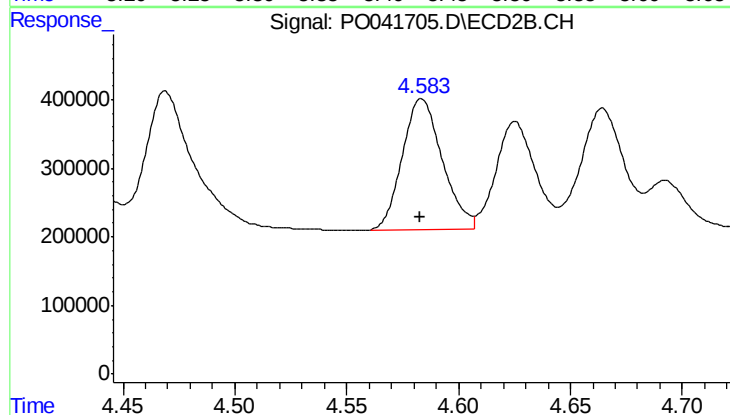
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 7943159
Conc: 462.94 ng/ml



#18 AR-1242-3

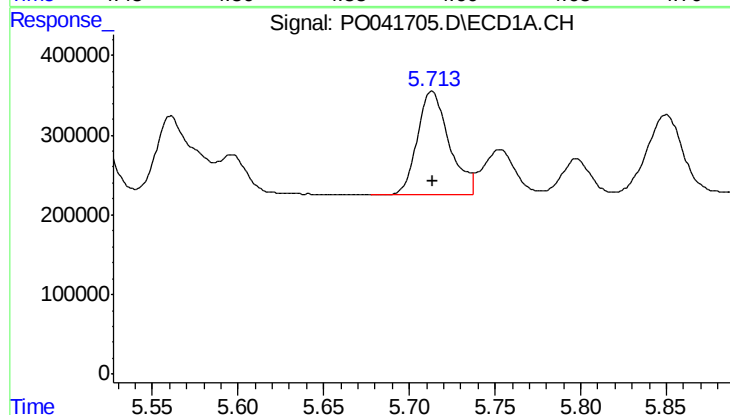
R.T.: 5.427 min
Delta R.T.: 0.001 min
Response: 1693021
Conc: 460.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



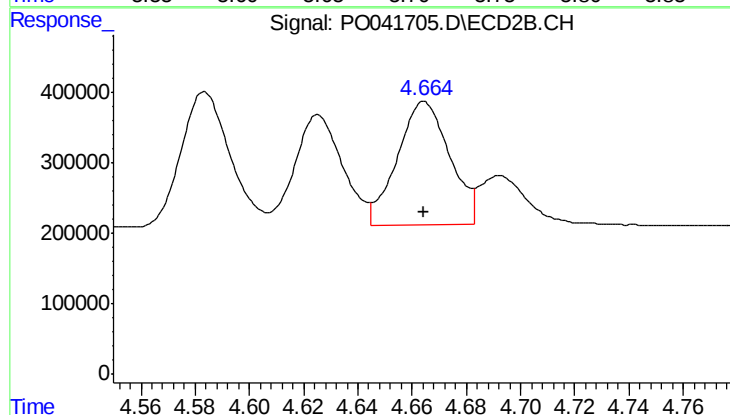
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2378392
Conc: 452.15 ng/ml



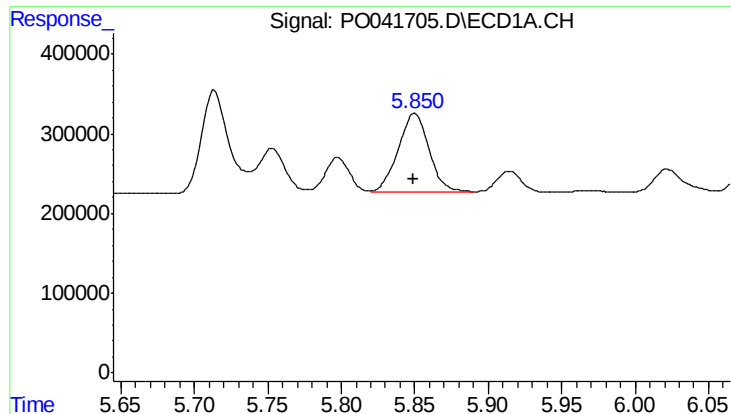
#19 AR-1242-4

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 1661538
Conc: 441.87 ng/ml



#19 AR-1242-4

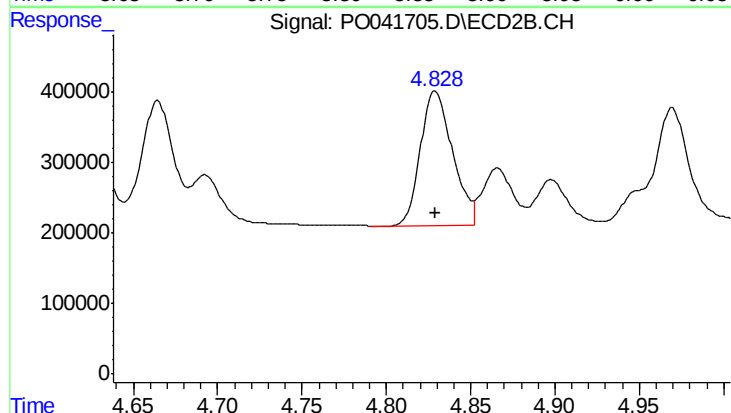
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 2350994
Conc: 449.08 ng/ml



#20 AR-1242-5

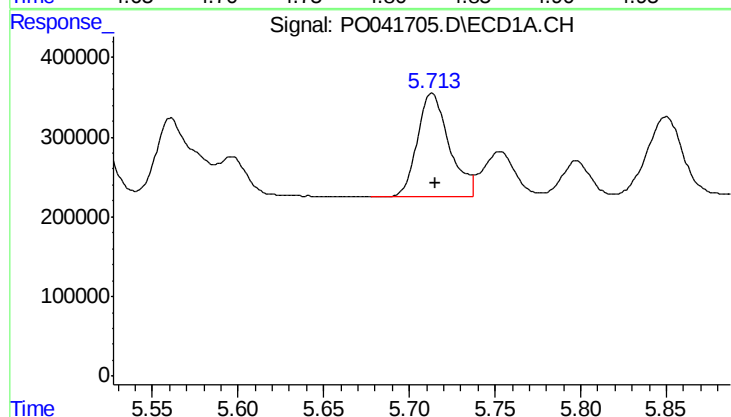
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 1433072
Conc: 343.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



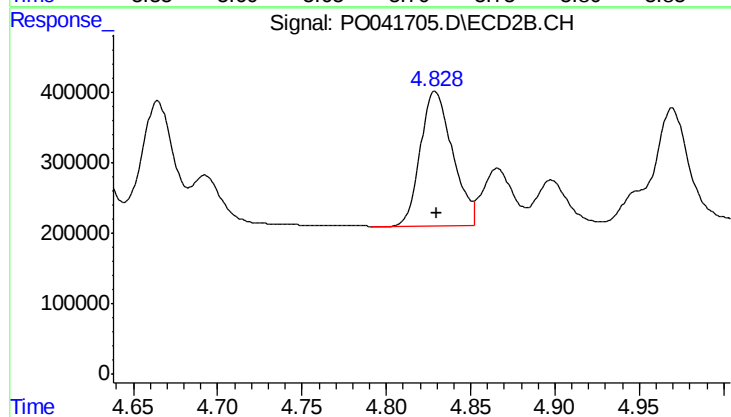
#20 AR-1242-5

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 2521140
Conc: 436.02 ng/ml



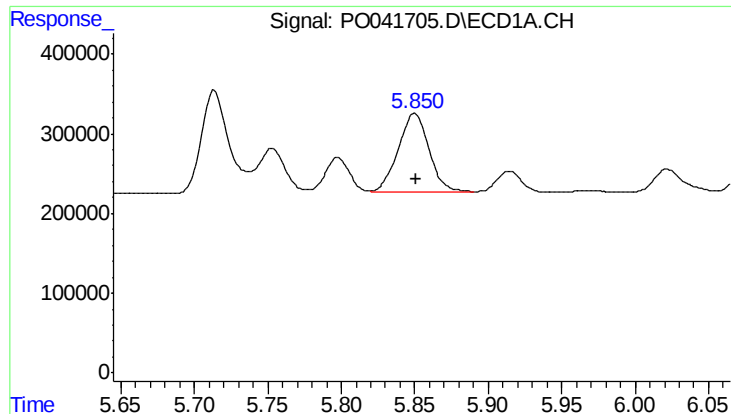
#21 AR-1248-1

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 1661538
Conc: 229.77 ng/ml



#21 AR-1248-1

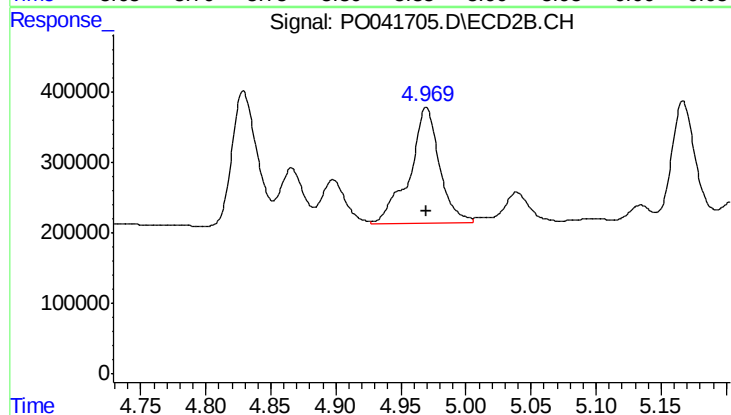
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 2521140
Conc: 230.62 ng/ml



#22 AR-1248-2

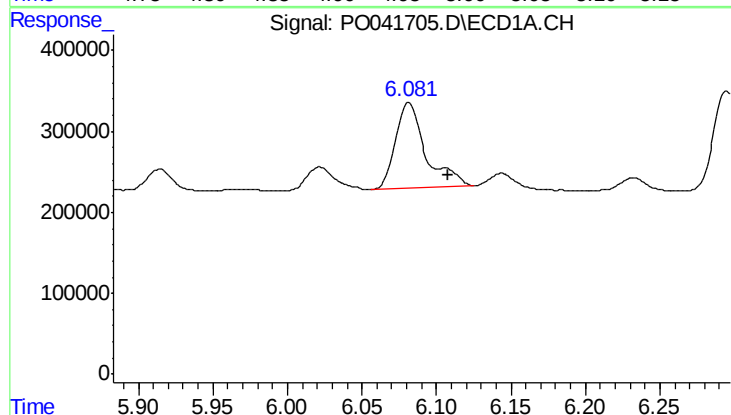
R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 1433072
Conc: 228.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



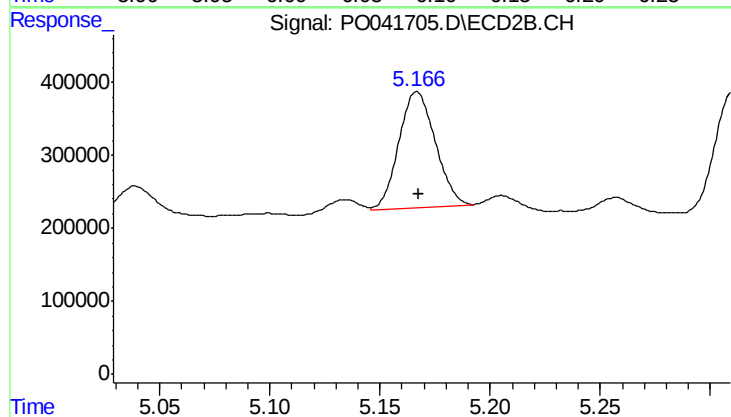
#22 AR-1248-2

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 2631600
Conc: 270.64 ng/ml



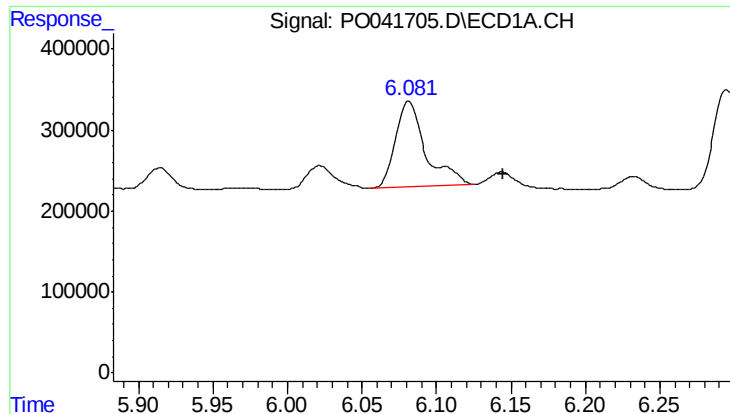
#23 AR-1248-3

R.T.: 6.081 min
Delta R.T.: -0.026 min
Response: 1478391
Conc: 161.67 ng/ml



#23 AR-1248-3

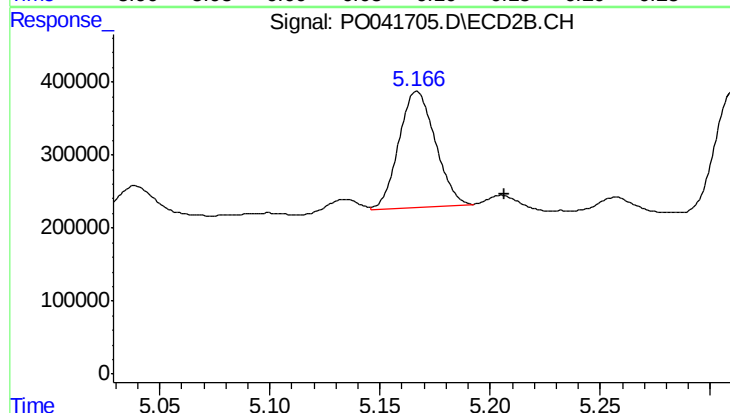
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 1820830
Conc: 107.36 ng/ml



#24 AR-1248-4

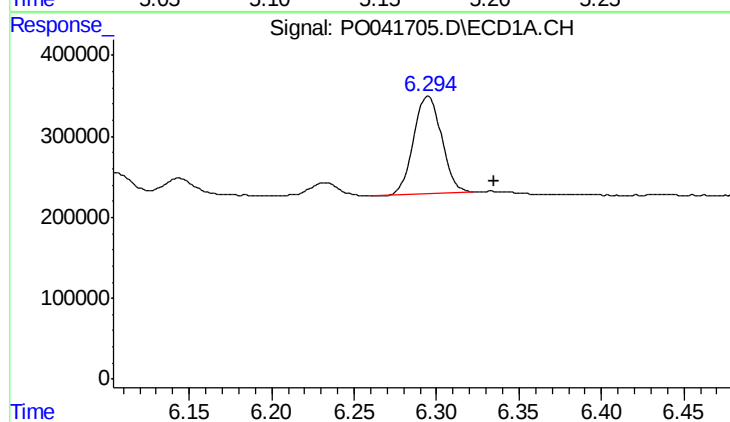
R.T.: 6.081 min
Delta R.T.: -0.064 min
Response: 1478391
Conc: 164.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



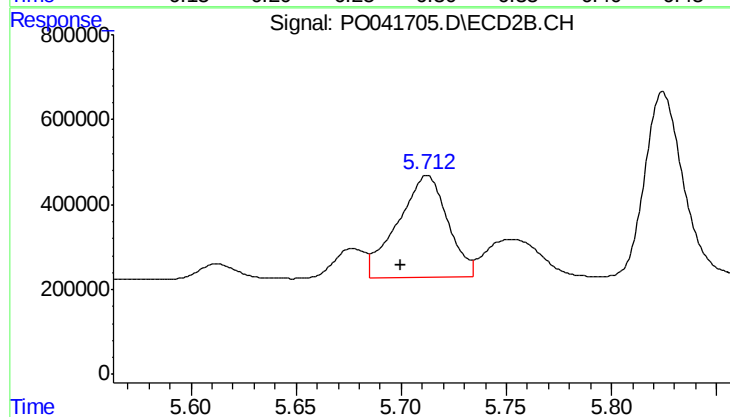
#24 AR-1248-4

R.T.: 5.167 min
Delta R.T.: -0.039 min
Response: 1820830
Conc: 134.85 ng/ml



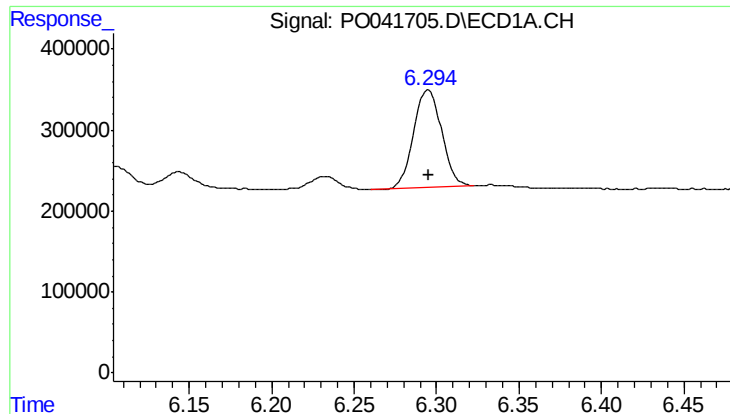
#25 AR-1248-5

R.T.: 6.295 min
Delta R.T.: -0.040 min
Response: 1420544
Conc: 237.79 ng/ml



#25 AR-1248-5

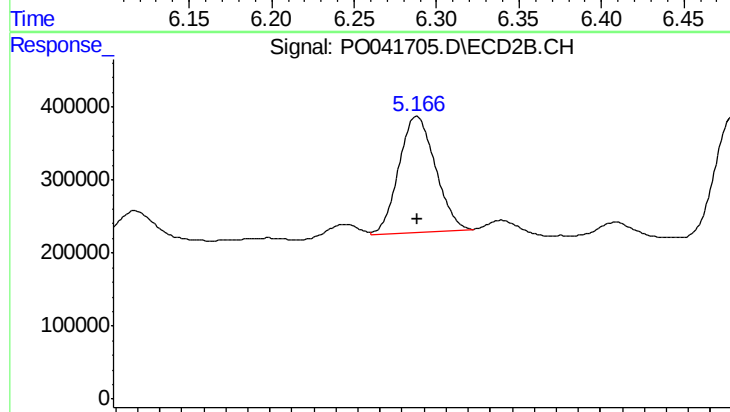
R.T.: 5.712 min
Delta R.T.: 0.013 min
Response: 3974480
Conc: 515.80 ng/ml



#26 AR-1254-1

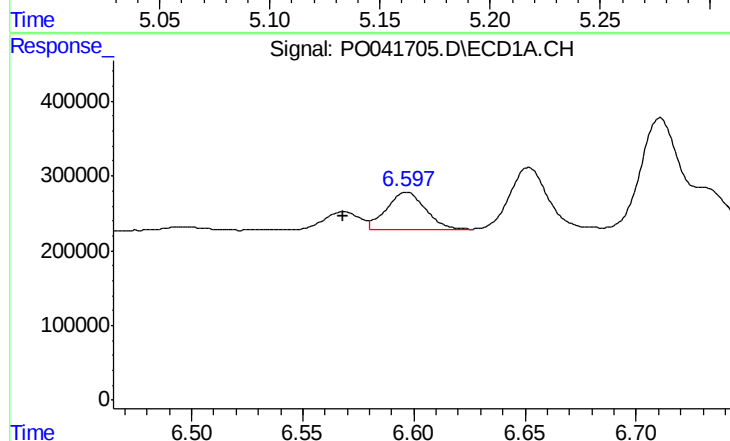
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 1420544
Conc: 100.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



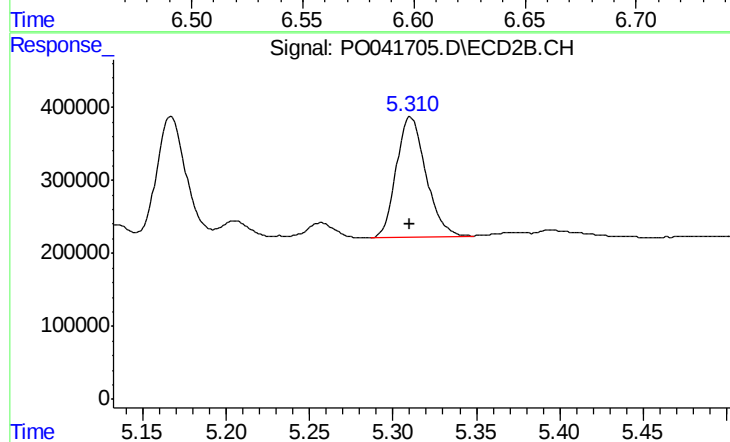
#26 AR-1254-1

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 1820830
Conc: 98.45 ng/ml



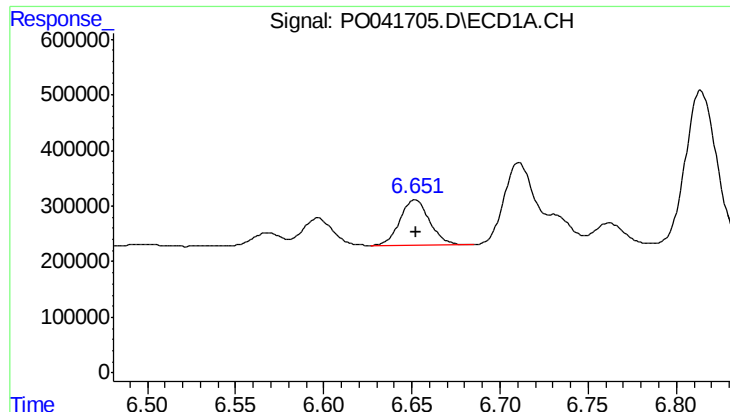
#27 AR-1254-2

R.T.: 6.597 min
Delta R.T.: 0.029 min
Response: 596060
Conc: 68.53 ng/ml



#27 AR-1254-2

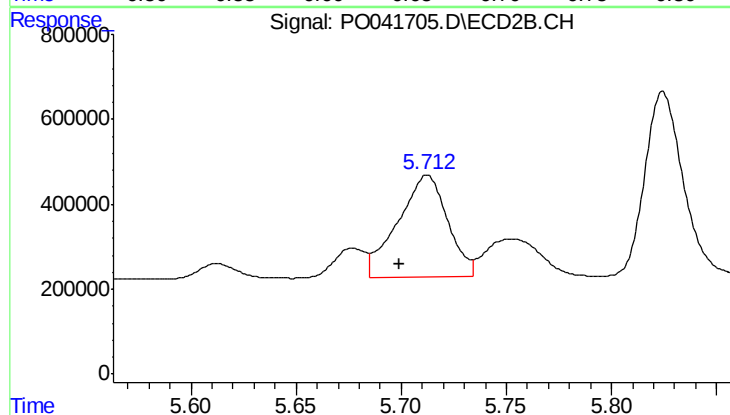
R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 2040114
Conc: 123.37 ng/ml



#28 AR-1254-3

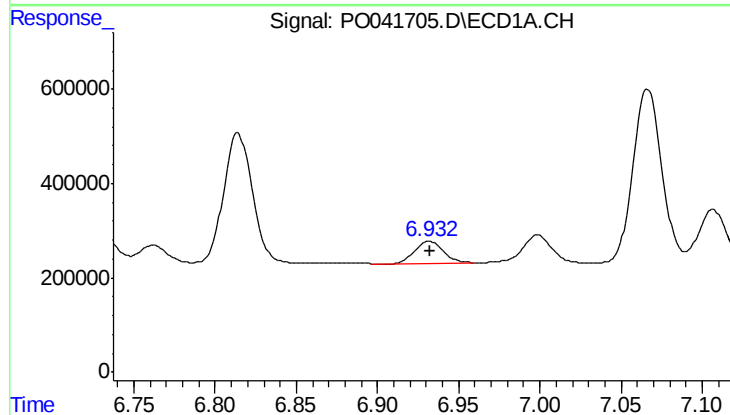
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 964801
Conc: 62.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



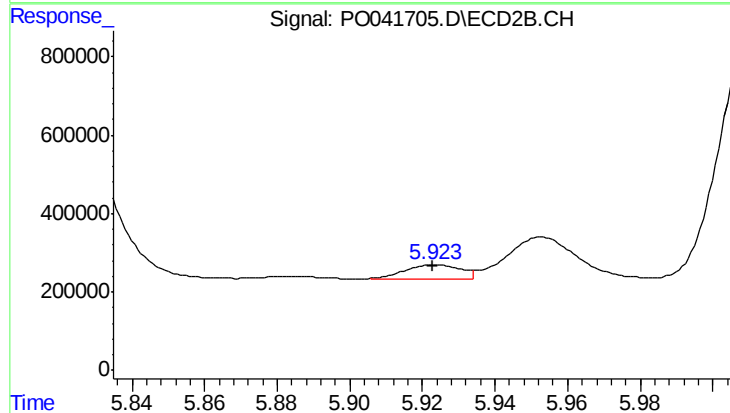
#28 AR-1254-3

R.T.: 5.712 min
Delta R.T.: 0.013 min
Response: 3974480
Conc: 144.46 ng/ml



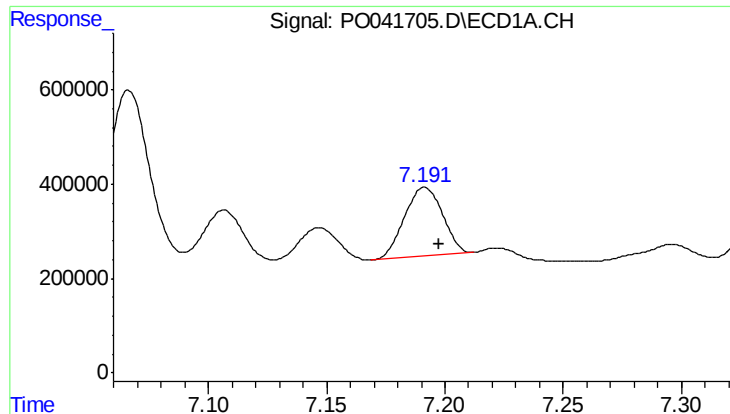
#29 AR-1254-4

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 547257
Conc: 41.72 ng/ml



#29 AR-1254-4

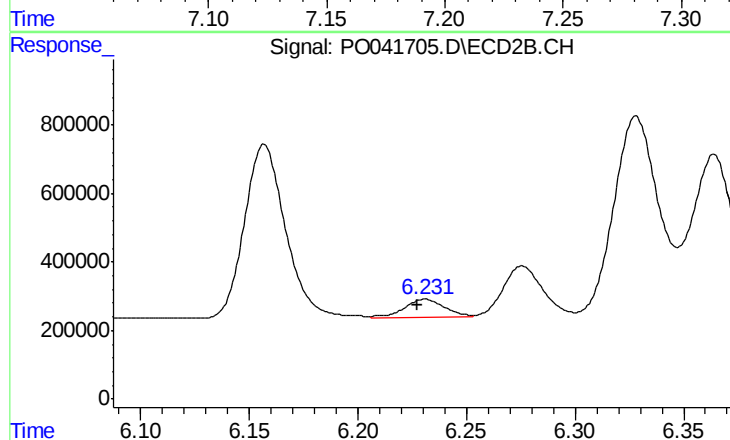
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 373246
Conc: 19.15 ng/ml



#30 AR-1254-5

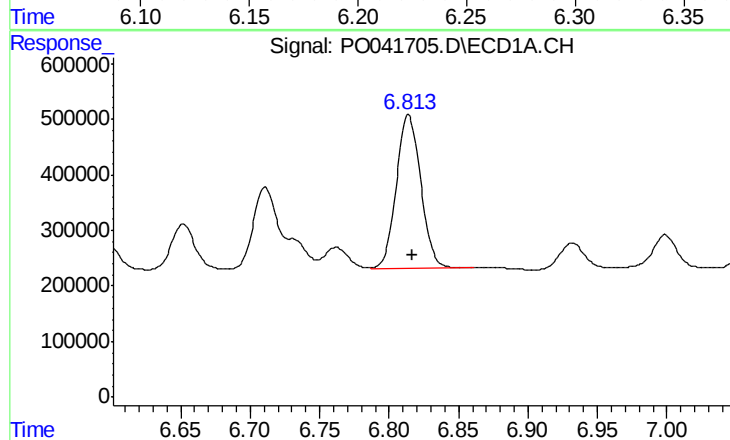
R.T.: 7.191 min
Delta R.T.: -0.006 min
Response: 1640145
Conc: 174.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



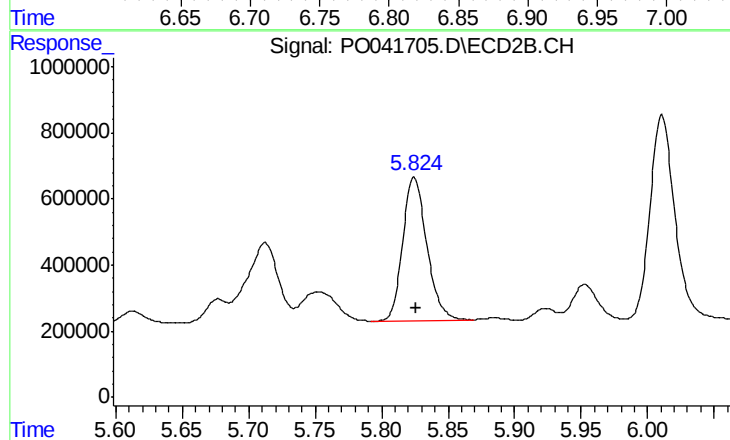
#30 AR-1254-5

R.T.: 6.231 min
Delta R.T.: 0.003 min
Response: 666773
Conc: 50.34 ng/ml



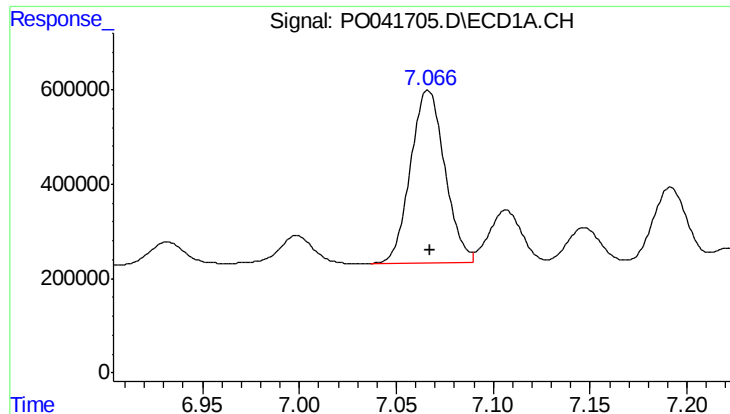
#31 AR-1260-1

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 3385738
Conc: 269.14 ng/ml



#31 AR-1260-1

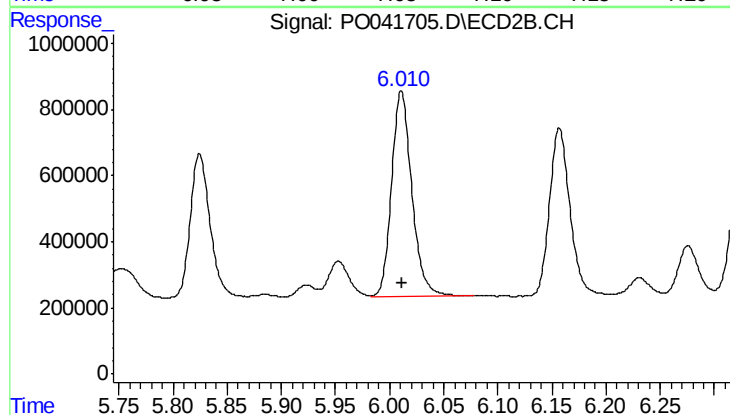
R.T.: 5.824 min
Delta R.T.: -0.001 min
Response: 5444950
Conc: 255.07 ng/ml



#32 AR-1260-2

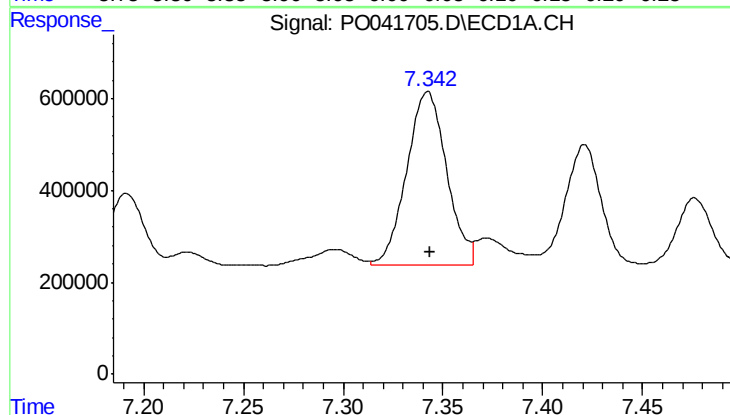
R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 4504775
Conc: 258.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



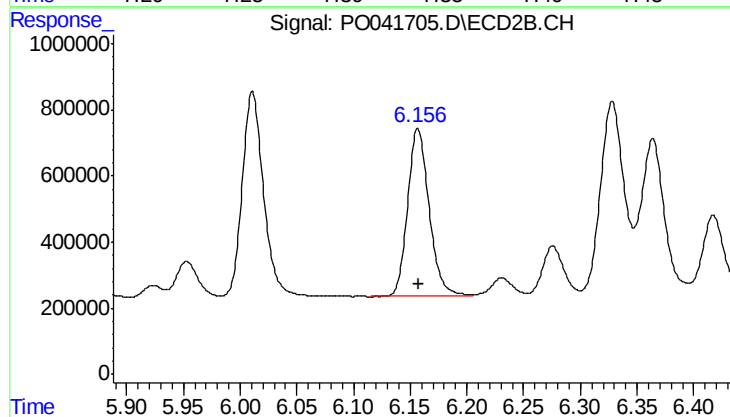
#32 AR-1260-2

R.T.: 6.011 min
Delta R.T.: -0.001 min
Response: 8024249
Conc: 254.04 ng/ml



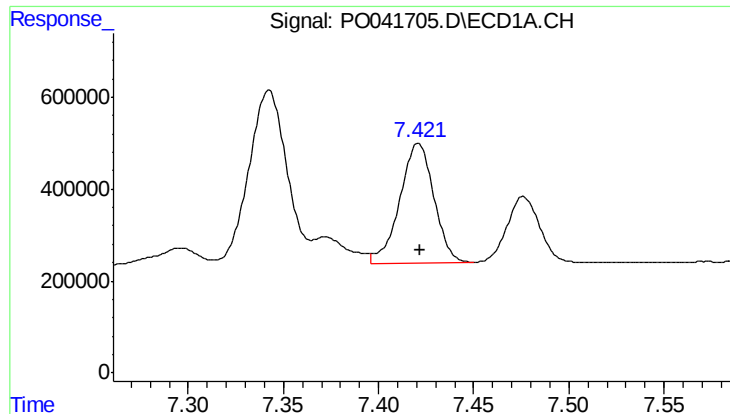
#33 AR-1260-3

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 5243282
Conc: 261.23 ng/ml



#33 AR-1260-3

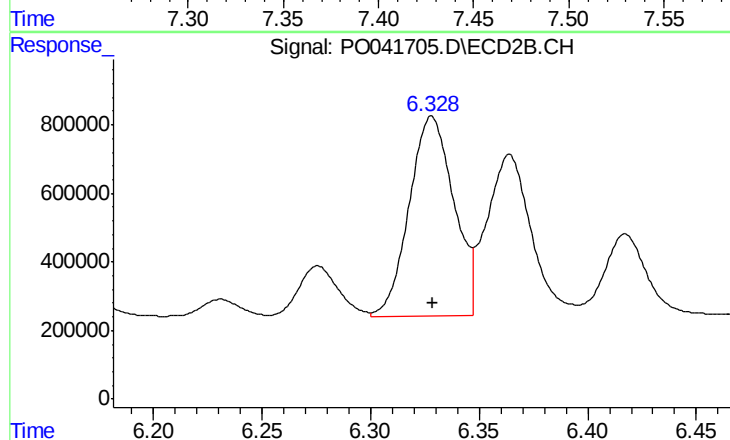
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 6643727
Conc: 254.55 ng/ml



#34 AR-1260-4

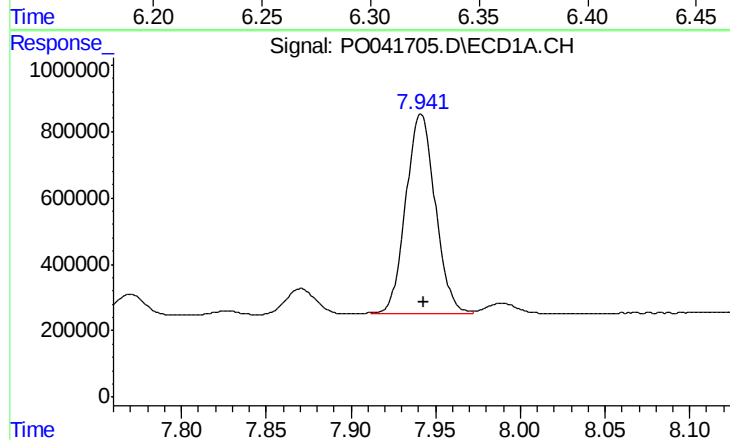
R.T.: 7.421 min
Delta R.T.: -0.001 min
Response: 3249102
Conc: 276.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



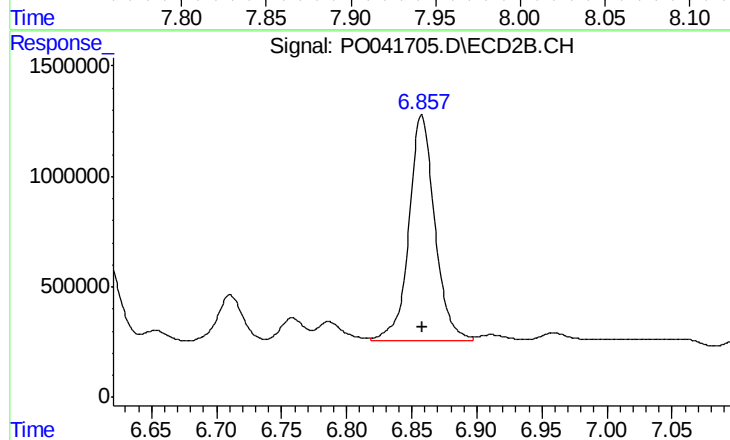
#34 AR-1260-4

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 8344868
Conc: 244.74 ng/ml



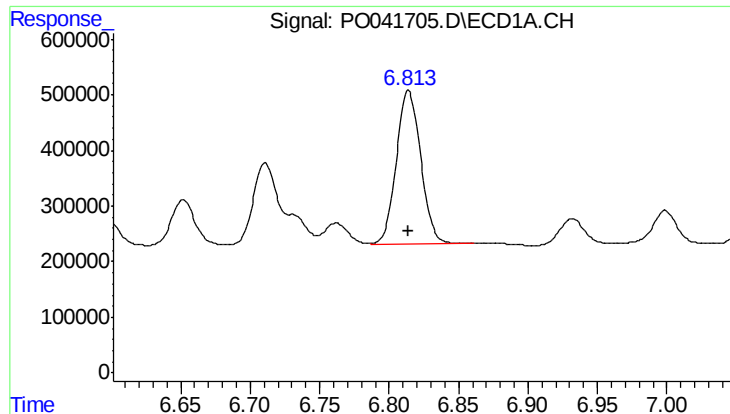
#35 AR-1260-5

R.T.: 7.941 min
Delta R.T.: -0.002 min
Response: 7279364
Conc: 276.75 ng/ml



#35 AR-1260-5

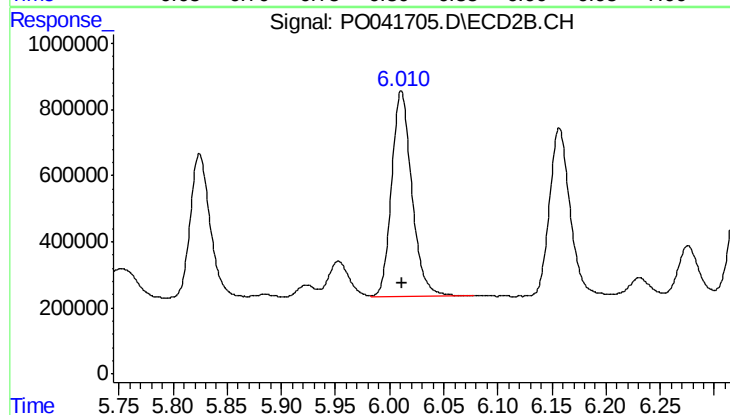
R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 14086174
Conc: 262.54 ng/ml



#36 AR-1262-1

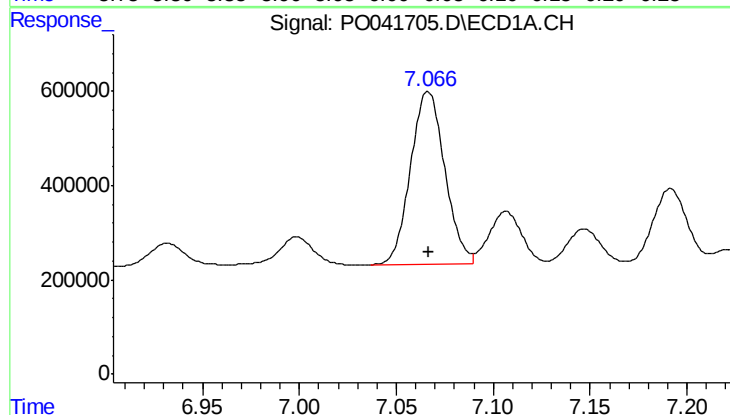
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 3385738
Conc: 357.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



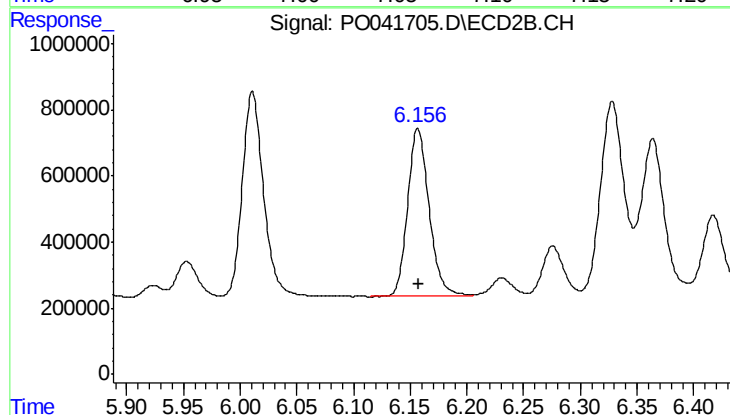
#36 AR-1262-1

R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 8024249
Conc: 361.28 ng/ml



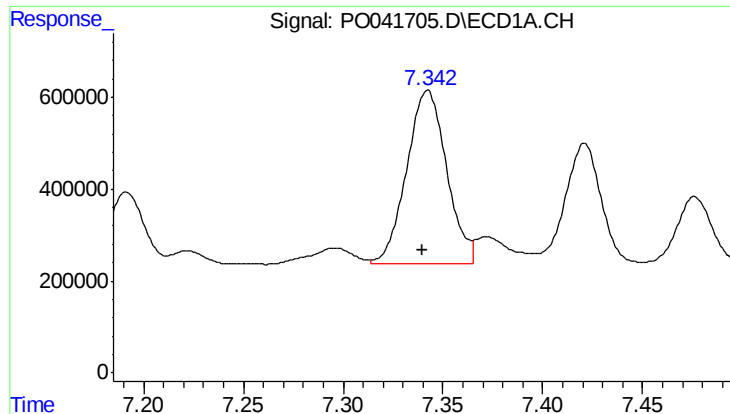
#37 AR-1262-2

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 4504775
Conc: 386.92 ng/ml



#37 AR-1262-2

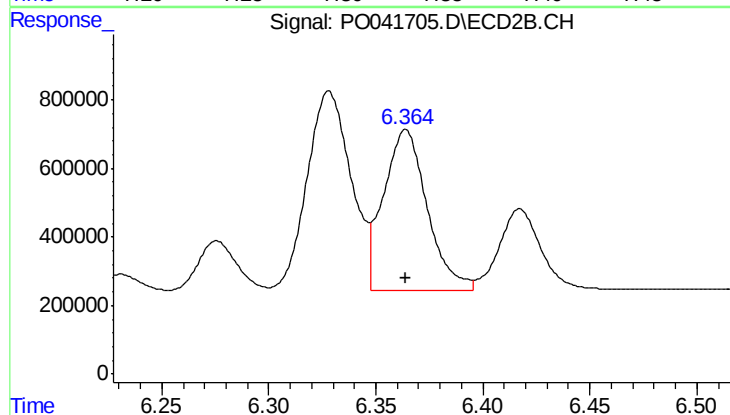
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 6643727
Conc: 330.36 ng/ml



#38 AR-1262-3

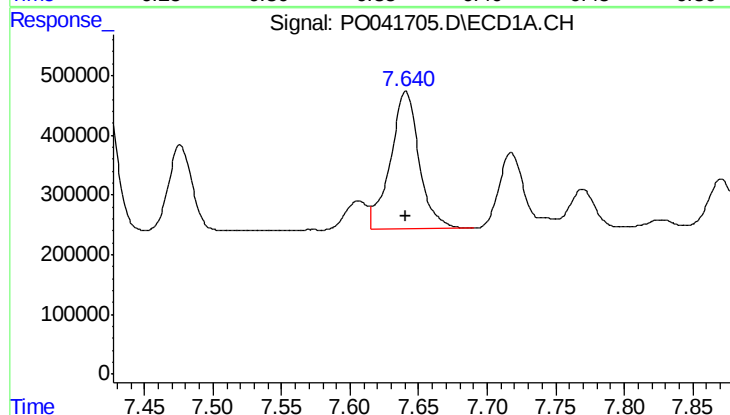
R.T.: 7.342 min
Delta R.T.: 0.003 min
Response: 5243282
Conc: 455.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



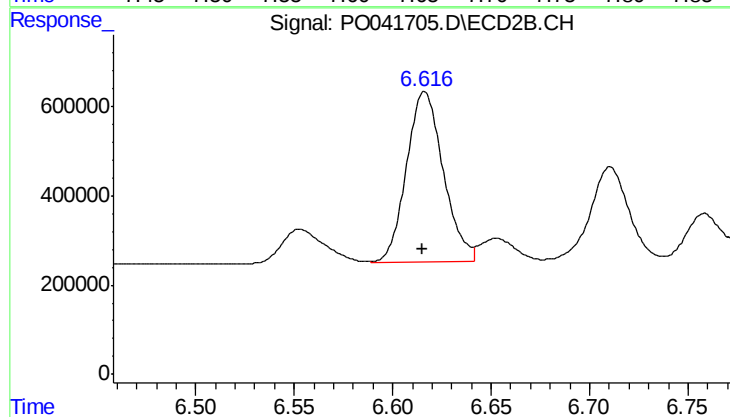
#38 AR-1262-3

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 6723636
Conc: 181.40 ng/ml



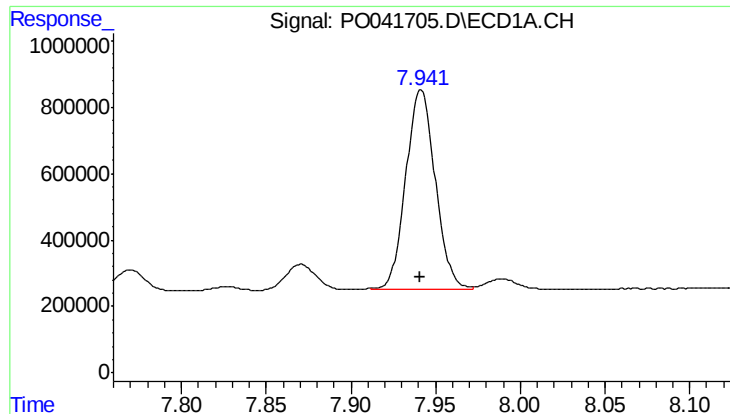
#39 AR-1262-4

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 3379676
Conc: 220.31 ng/ml



#39 AR-1262-4

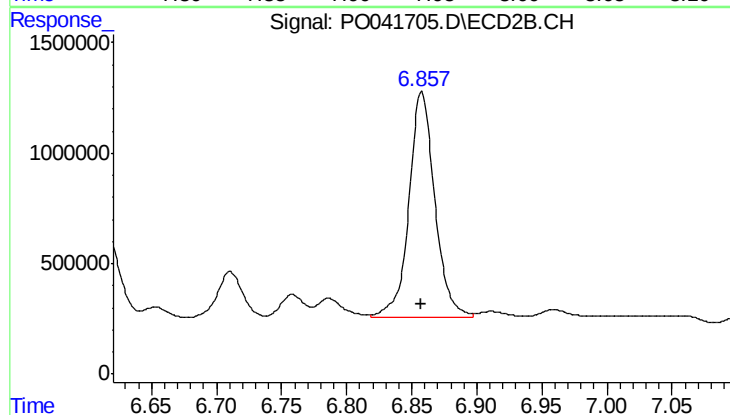
R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 4966554
Conc: 179.32 ng/ml



#40 AR-1262-5

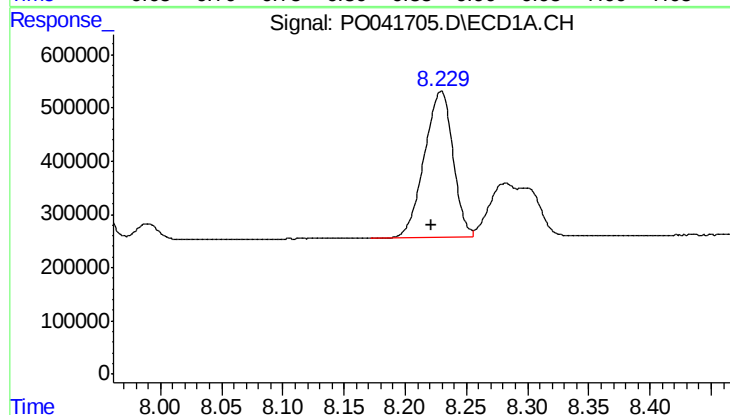
R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 7279364
Conc: 226.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



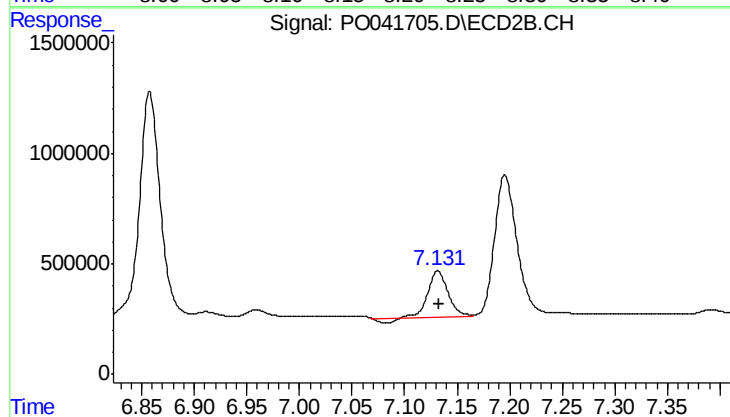
#40 AR-1262-5

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 14086174
Conc: 222.33 ng/ml



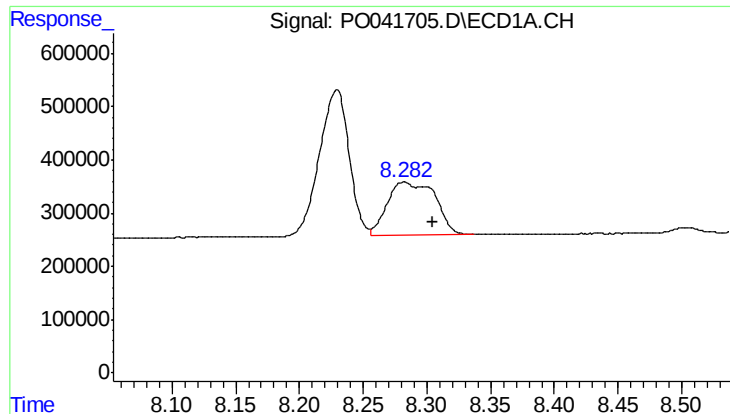
#41 AR-1268-1

R.T.: 8.229 min
Delta R.T.: 0.008 min
Response: 4444400
Conc: 117.62 ng/ml



#41 AR-1268-1

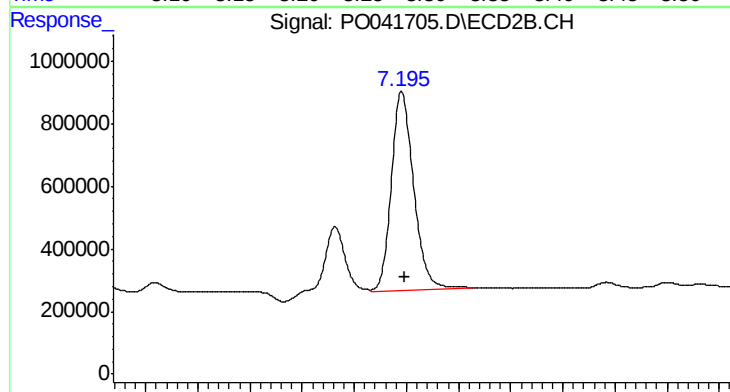
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 2555557
Conc: 34.87 ng/ml



#42 AR-1268-2

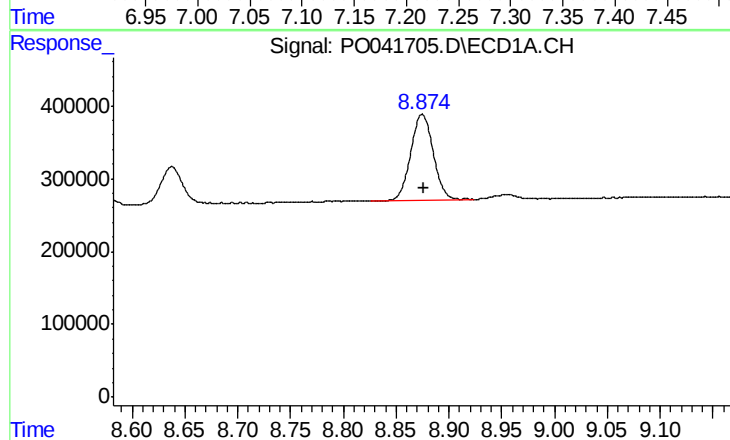
R.T.: 8.282 min
Delta R.T.: -0.023 min
Response: 2579615
Conc: 77.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



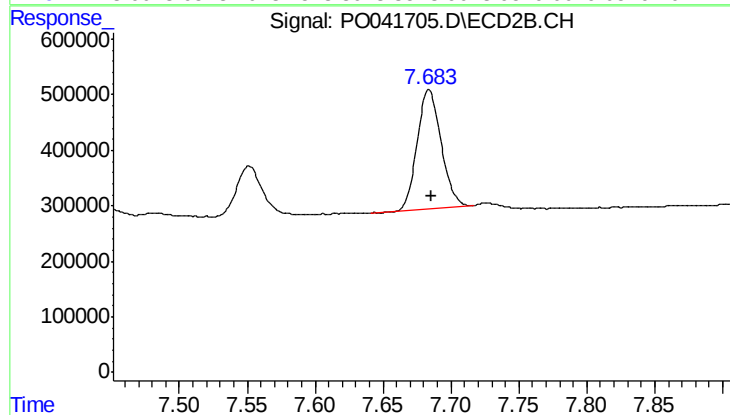
#42 AR-1268-2

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 9405908
Conc: 145.48 ng/ml



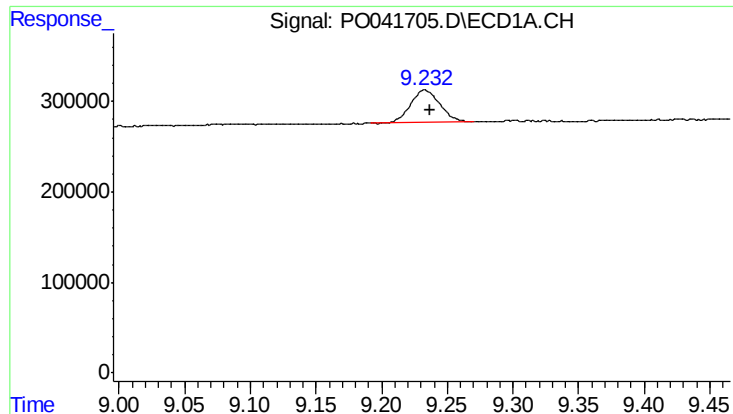
#44 AR-1268-4

R.T.: 8.875 min
Delta R.T.: -0.002 min
Response: 1746102
Conc: 140.09 ng/ml



#44 AR-1268-4

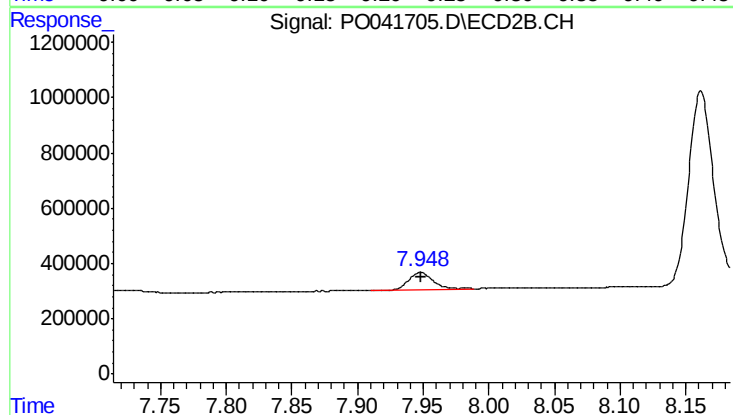
R.T.: 7.684 min
Delta R.T.: -0.002 min
Response: 2610616
Conc: 117.52 ng/ml



#45 AR-1268-5

R.T.: 9.233 min
Delta R.T.: -0.004 min
Response: 560193
Conc: 6.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 783877
Conc: 5.45 ng/ml