

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0071418\
 Data File : P0046732.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jul 2018 9:26
 Operator : SM/SJ
 Sample : J3961-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 09:57:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 09 15:27:34 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...	4.209	3.542	1748656	1509126	7.317	7.105
2) SA Decachlor...	9.721	8.452	1913305	1594069	10.038	8.218
Target Compounds						
3) L1 AR-1016-1	5.093	4.392	313363	213532	55.551	39.114 #
4) L1 AR-1016-2	5.442	4.842	292320	1153669	40.844	237.926 #
5) L1 AR-1016-3	5.537	4.883	180327	280677	30.001	48.170 #
6) L1 AR-1016-4	5.829	5.050	399811	366552	68.551	57.701
7) L1 AR-1016-5	5.967	5.197	335336	294675	51.557	53.473
8) L2 AR-1221-1	0.000	3.815	0	899126	N.D.	336.225 #
9) L2 AR-1221-2	4.504	3.815	862096	899126	364.469	417.039
10) L2 AR-1221-3	4.572	3.908	187488	199961	24.804	29.187
11) L3 AR-1232-1	4.904	4.201	80394	406837	32.892	175.267 #
12) L3 AR-1232-2	5.359	4.610	314602	361046	88.868	104.809
13) L3 AR-1232-3	5.381	4.628	474480	577263	93.480	121.002 #
14) L3 AR-1232-4	5.442	4.683	292320	280317	89.707	79.763
15) L3 AR-1232-5	5.537	4.799	180327	211586	67.913	75.961
16) L4 AR-1242-1	5.381	4.628	474480	577263	46.663	60.258 #
17) L4 AR-1242-2	5.442	4.799	292320	211586	45.155	38.121
18) L4 AR-1242-3	5.537	4.883	180327	280677	33.099	54.053 #
19) L4 AR-1242-4	5.829	5.050	399811	366552	74.840	64.592
20) L4 AR-1242-5	5.967	5.197	335336	294675	55.591	56.885
21) L5 AR-1248-1	5.829	5.050	399811	366552	50.393	43.347
22) L5 AR-1248-2	5.967	5.197	335336	294675	47.357	46.167
23) L5 AR-1248-3	6.201	5.397	11334261	11731359	1237.054	953.354
24) L5 AR-1248-4	6.265	5.438	495789	416660	55.892	47.865
25) L5 AR-1248-5	6.418	5.954	14379689	27099578	1580.051	4628.773 #
26) L6 AR-1254-1	6.418	5.397	14379689	11731359	1031.263	877.369
27) L6 AR-1254-2	6.693	5.543	2887851	14227838	327.854	1230.866 #
28) L6 AR-1254-3	6.777	5.954	8581484	27099578	561.276	1376.943 #
29) L6 AR-1254-4	7.058	6.165	5599720	3030490	487.849	240.339 #
30) L6 AR-1254-5	7.350	6.480	3851370	4495921	433.980	495.683
31) L7 AR-1260-1	6.940	6.067	38422655	39793840	3345.350	3050.695
32) L7 AR-1260-2	7.194	6.254	48834386	51571082	3617.481	3234.237
33) L7 AR-1260-3	7.471	6.575	62252902	60938017	3847.667	3398.097
34) L7 AR-1260-4	8.072	7.108	85803526	94579858	4081.233	3404.306
35) L7 AR-1260-5	8.370	7.450	53018500	66084822	3931.130	3439.804
36) L8 AR-1262-1	6.940	6.254	38422655	51571082	4033.465	3937.517
37) L8 AR-1262-2	7.194	6.403	48834386	45805421	4384.685	3536.028
38) L8 AR-1262-3	7.548	6.612	30750964	35757694	2147.569	2041.940

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD 0\Data\P0071418\
 Data File : P0046732.D
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 Acq On : 16 Jul 2018 9:26
 Operator : SM/SJ
 Sample : J3961-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

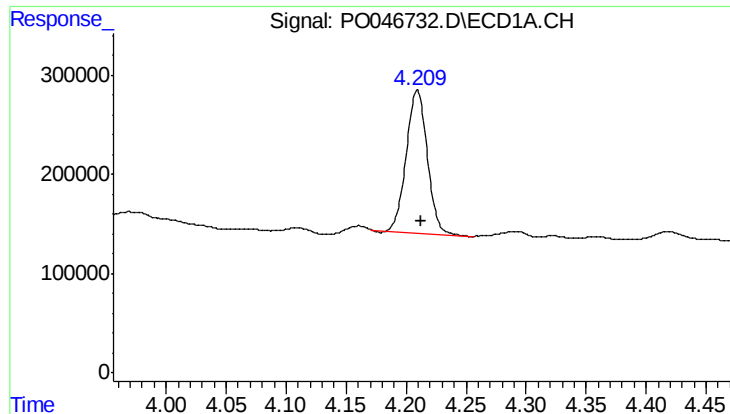
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 09:57:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070718.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
39)	L8 AR-1262-4	7.769	6.868	38842811	33393843	2889.012	2184.445
40)	L8 AR-1262-5	8.072	7.108	85803526	94579858	3544.975	3063.966
41)	L9 AR-1268-1	8.370	7.387	53018500	14903887	2175.056	532.571 #
42)	L9 AR-1268-2	8.441	7.450	11353139	66084822	501.085	2398.837 #
43)	L9 AR-1268-3	8.654	7.654	578495	576040	30.632	25.804
44)	L9 AR-1268-4	9.040	7.940	20937710	19667032	2468.730	2066.397
45)	L9 AR-1268-5	9.416	8.214	3952202	3446813	71.452	54.596

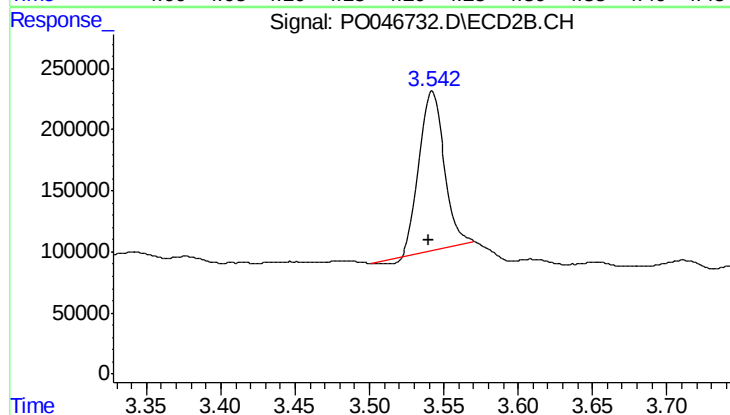
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

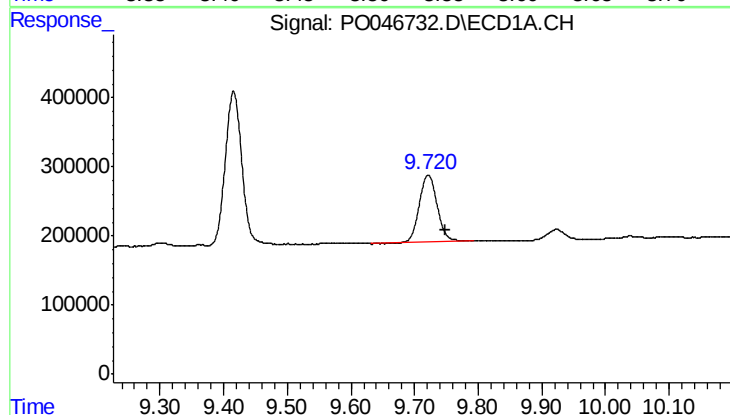
R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 1748656
Conc: 7.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



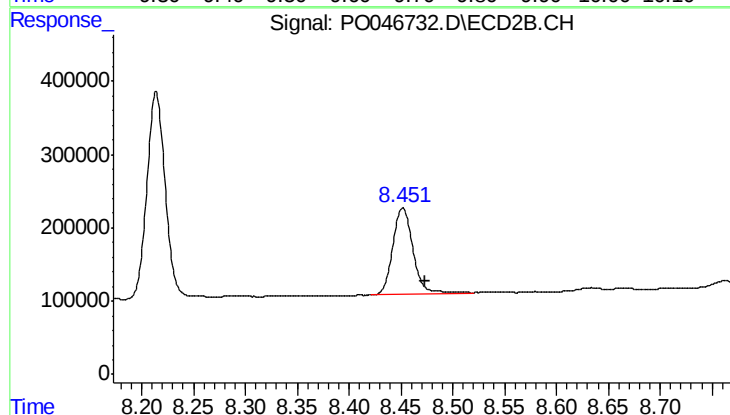
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 1509126
Conc: 7.10 ng/ml



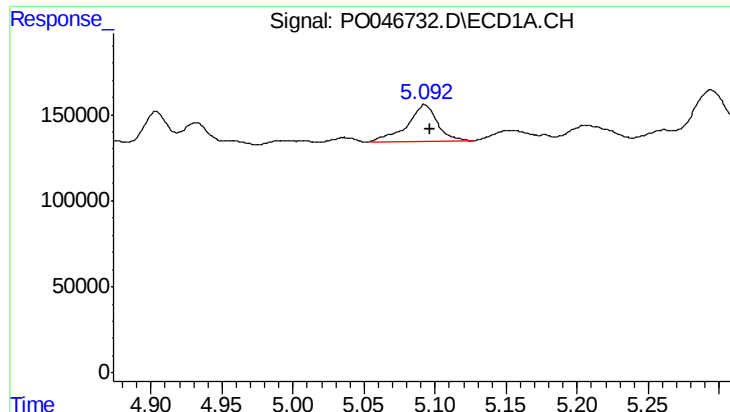
#2 Decachlorobiphenyl

R.T.: 9.721 min
Delta R.T.: -0.027 min
Response: 1913305
Conc: 10.04 ng/ml



#2 Decachlorobiphenyl

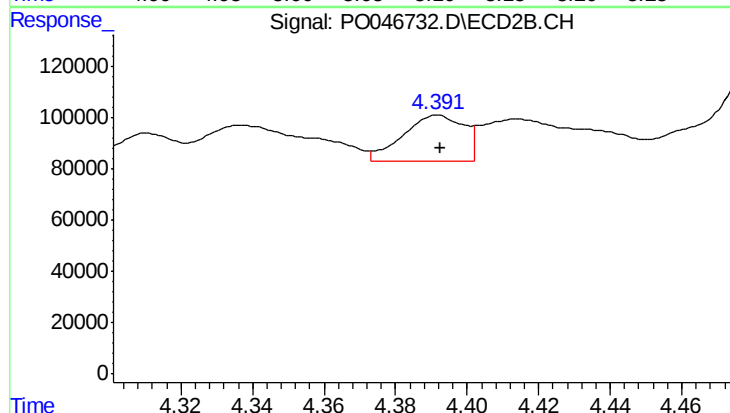
R.T.: 8.452 min
Delta R.T.: -0.021 min
Response: 1594069
Conc: 8.22 ng/ml



#3 AR-1016-1

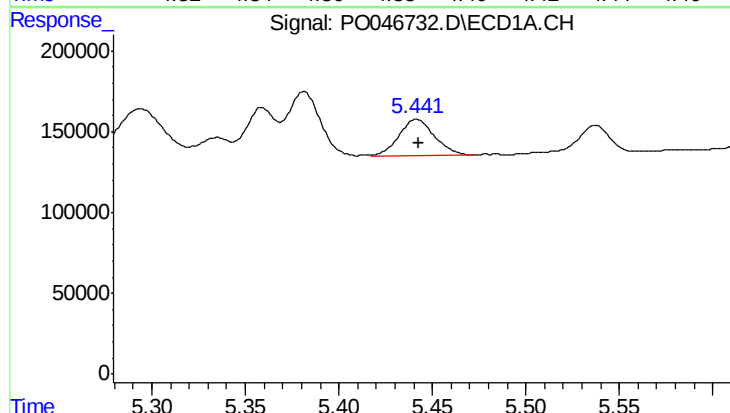
R.T.: 5.093 min
Delta R.T.: -0.004 min
Response: 313363
Conc: 55.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



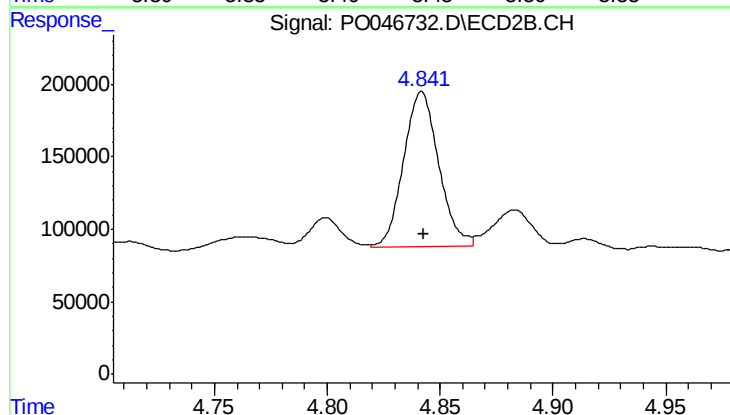
#3 AR-1016-1

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 213532
Conc: 39.11 ng/ml



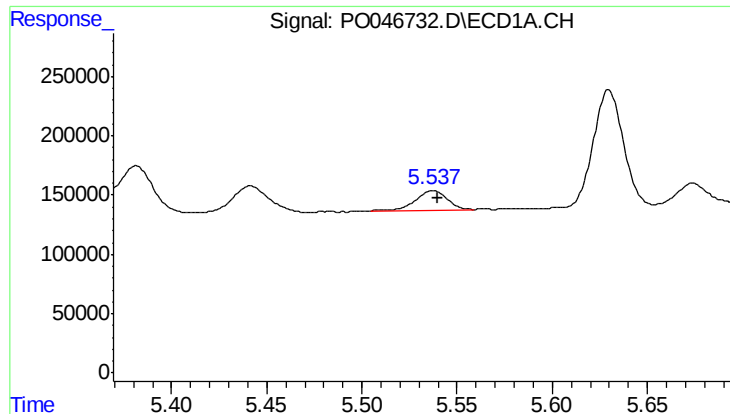
#4 AR-1016-2

R.T.: 5.442 min
Delta R.T.: -0.002 min
Response: 292320
Conc: 40.84 ng/ml



#4 AR-1016-2

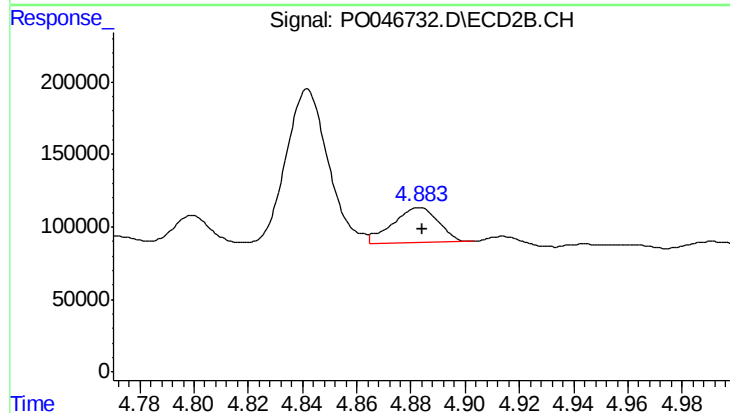
R.T.: 4.842 min
Delta R.T.: -0.001 min
Response: 1153669
Conc: 237.93 ng/ml



#5 AR-1016-3

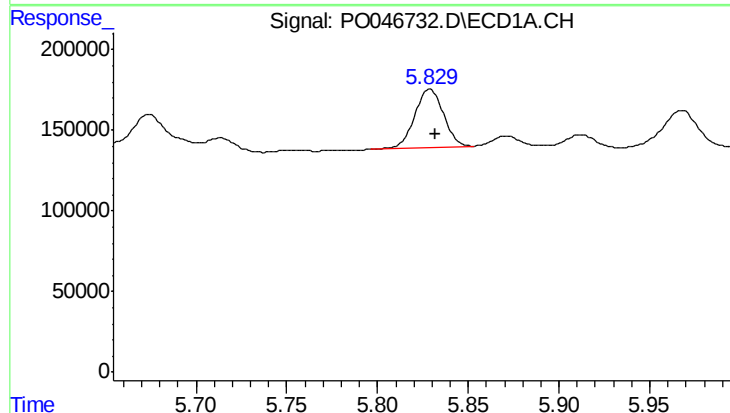
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 180327
Conc: 30.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



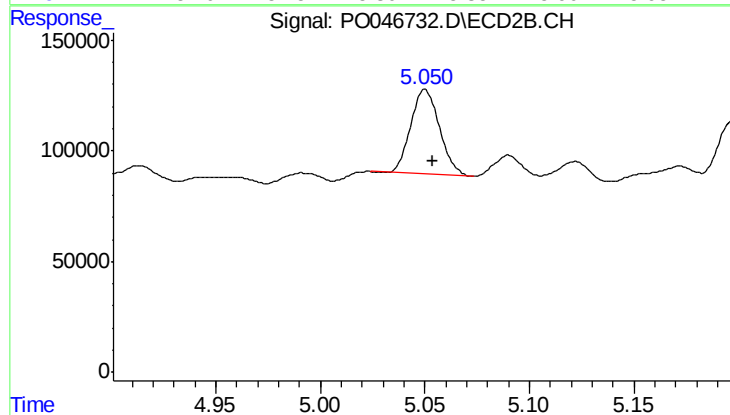
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 280677
Conc: 48.17 ng/ml



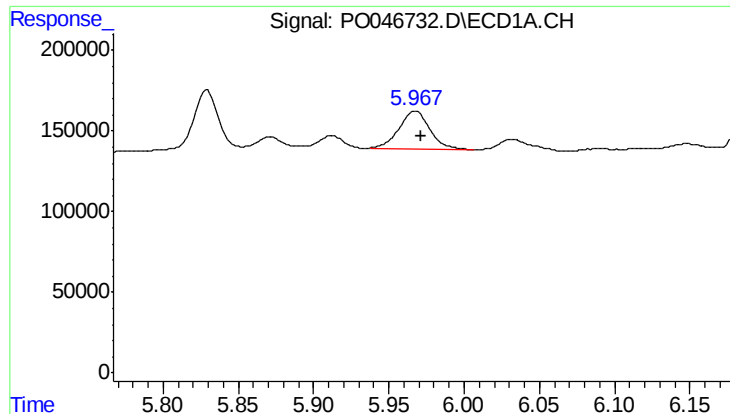
#6 AR-1016-4

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 399811
Conc: 68.55 ng/ml



#6 AR-1016-4

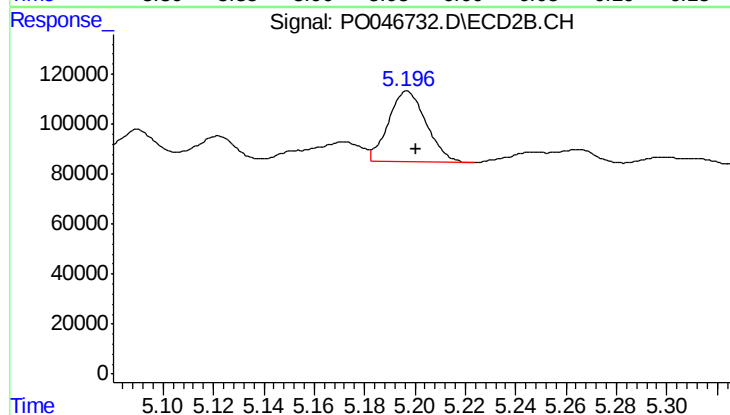
R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 366552
Conc: 57.70 ng/ml



#7 AR-1016-5

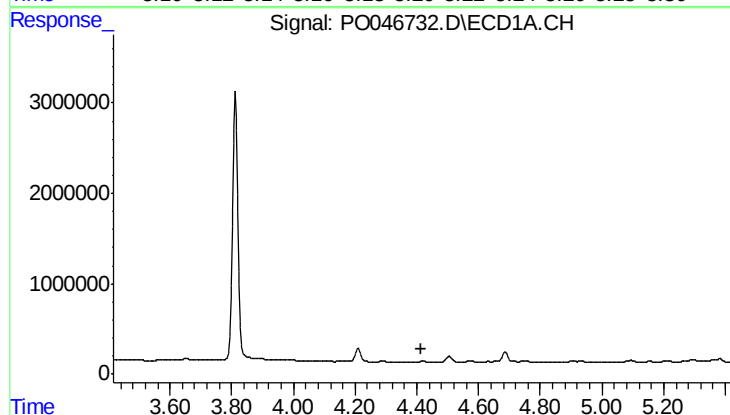
R.T.: 5.967 min
Delta R.T.: -0.004 min
Response: 335336
Conc: 51.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



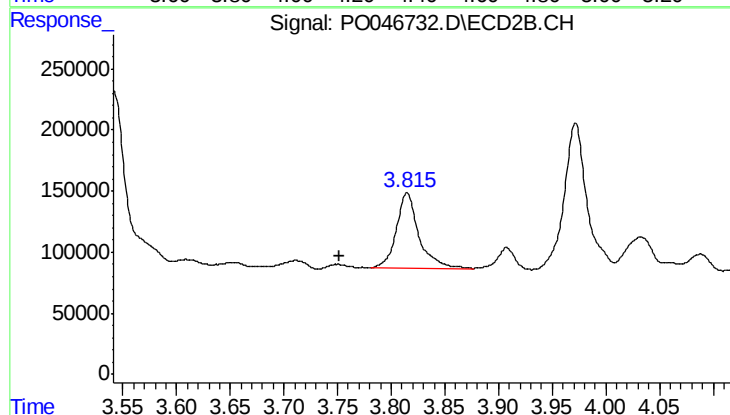
#7 AR-1016-5

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 294675
Conc: 53.47 ng/ml



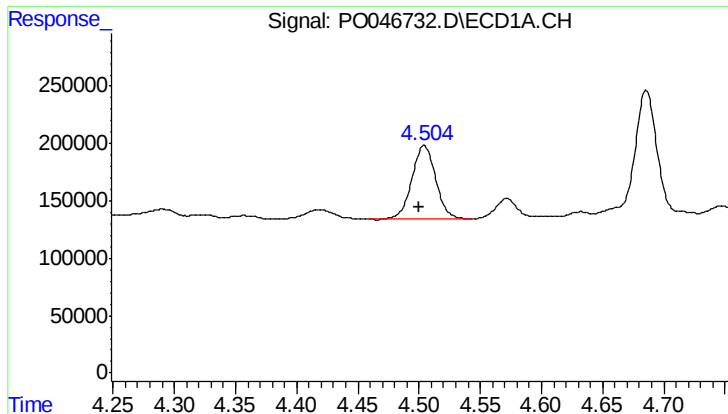
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.416 min
Response: 0
Conc: N.D.



#8 AR-1221-1

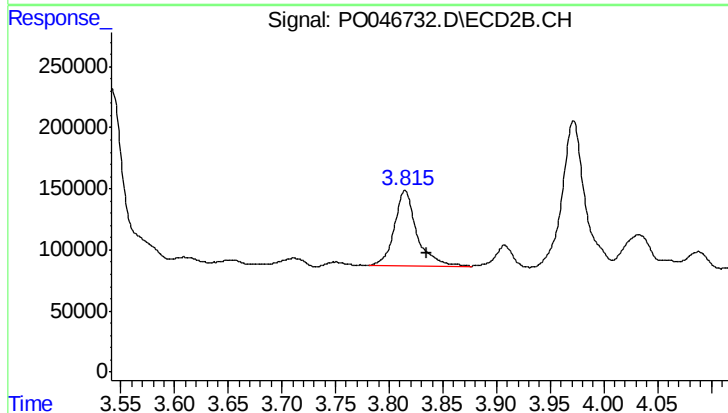
R.T.: 3.815 min
Delta R.T.: 0.063 min
Response: 899126
Conc: 336.22 ng/ml



#9 AR-1221-2

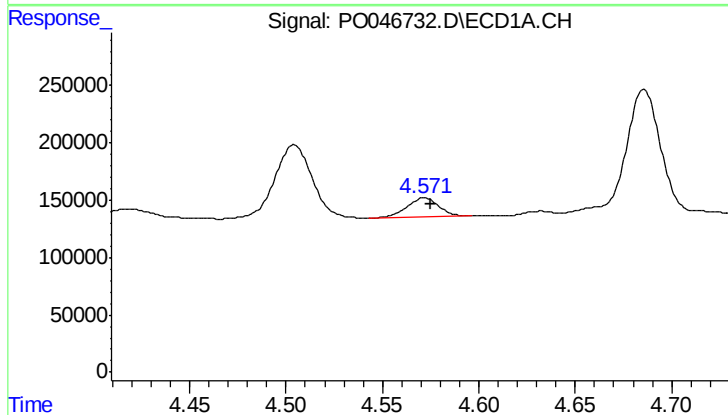
R.T.: 4.504 min
Delta R.T.: 0.004 min
Response: 862096
Conc: 364.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



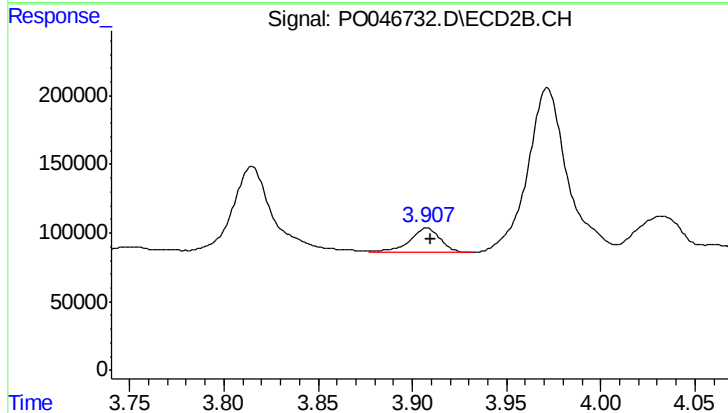
#9 AR-1221-2

R.T.: 3.815 min
Delta R.T.: -0.020 min
Response: 899126
Conc: 417.04 ng/ml



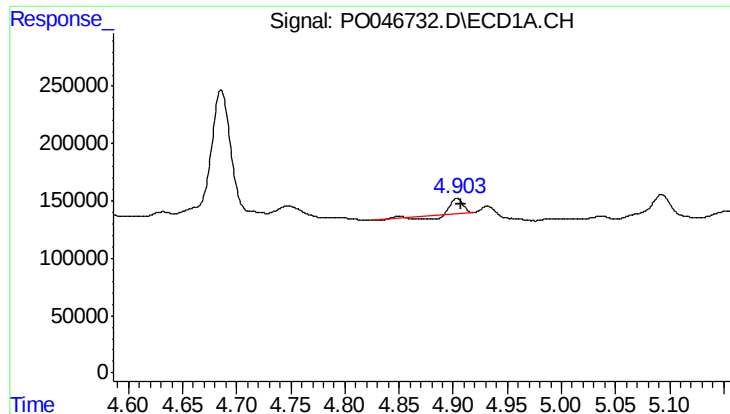
#10 AR-1221-3

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 187488
Conc: 24.80 ng/ml



#10 AR-1221-3

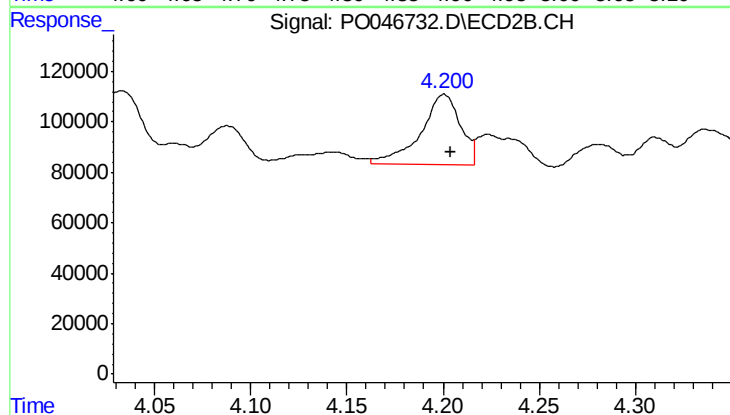
R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 199961
Conc: 29.19 ng/ml



#11 AR-1232-1

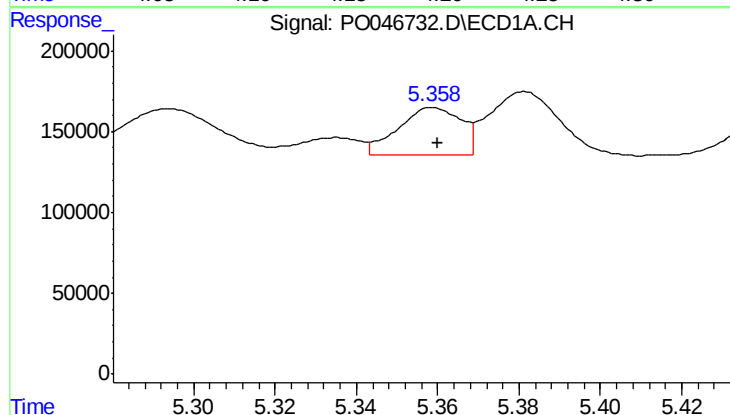
R.T.: 4.904 min
Delta R.T.: -0.003 min
Response: 80394
Conc: 32.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



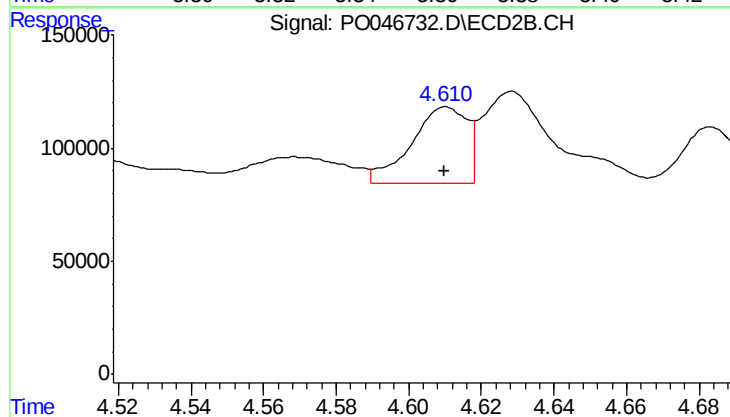
#11 AR-1232-1

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 406837
Conc: 175.27 ng/ml



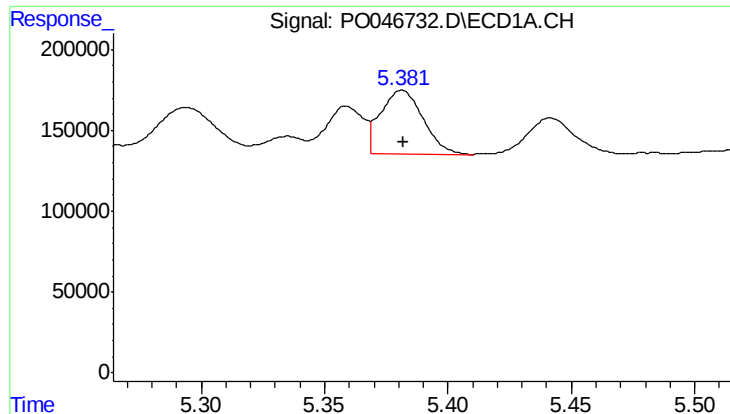
#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 314602
Conc: 88.87 ng/ml



#12 AR-1232-2

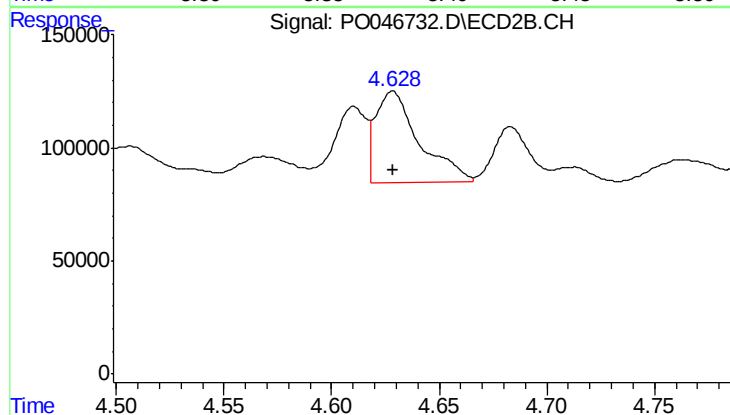
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 361046
Conc: 104.81 ng/ml



#13 AR-1232-3

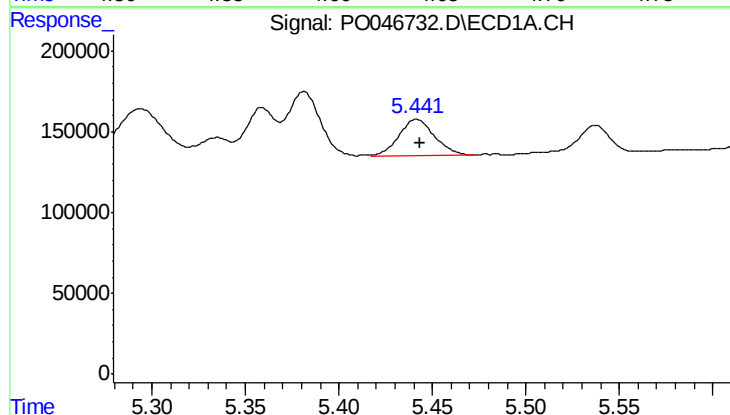
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 474480
Conc: 93.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



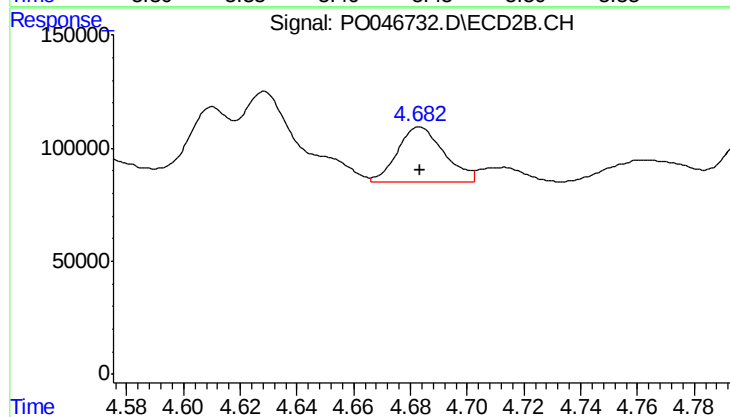
#13 AR-1232-3

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 577263
Conc: 121.00 ng/ml



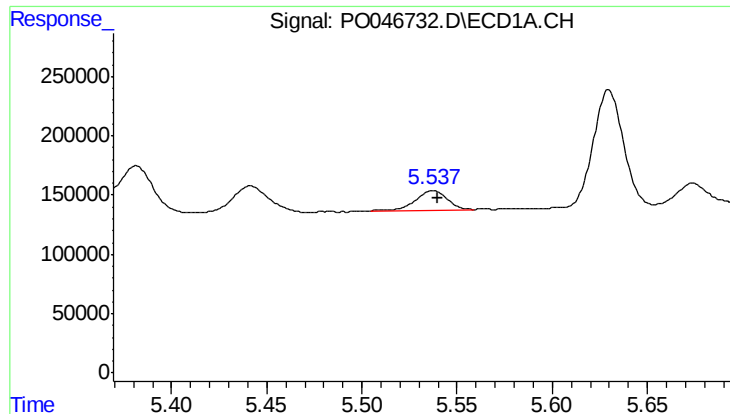
#14 AR-1232-4

R.T.: 5.442 min
Delta R.T.: -0.002 min
Response: 292320
Conc: 89.71 ng/ml



#14 AR-1232-4

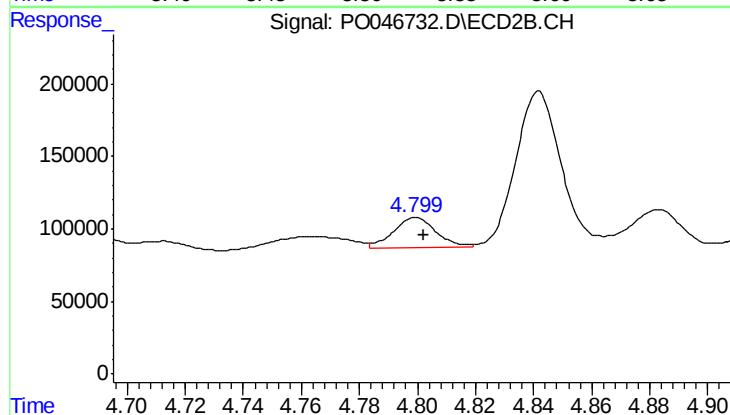
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 280317
Conc: 79.76 ng/ml



#15 AR-1232-5

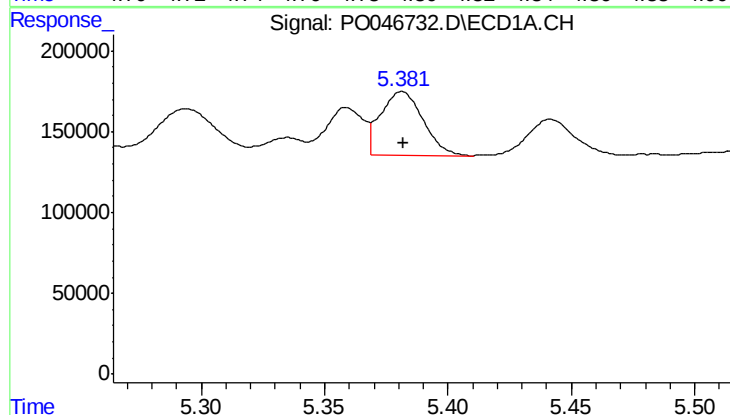
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 180327
Conc: 67.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



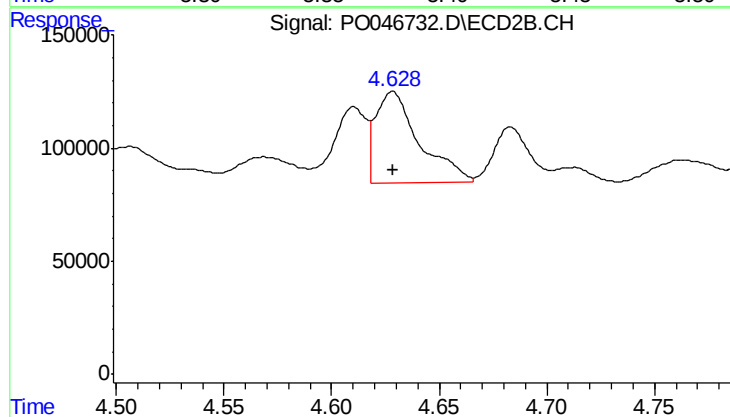
#15 AR-1232-5

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 211586
Conc: 75.96 ng/ml



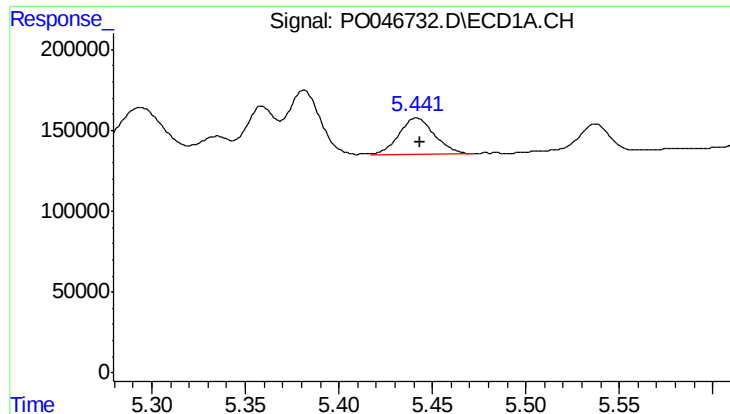
#16 AR-1242-1

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 474480
Conc: 46.66 ng/ml



#16 AR-1242-1

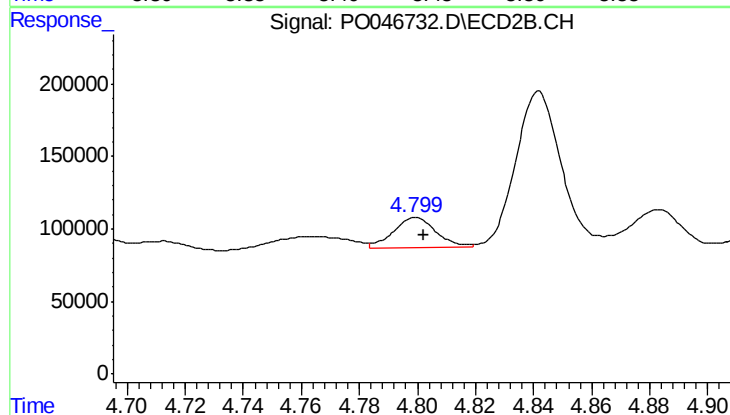
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 577263
Conc: 60.26 ng/ml



#17 AR-1242-2

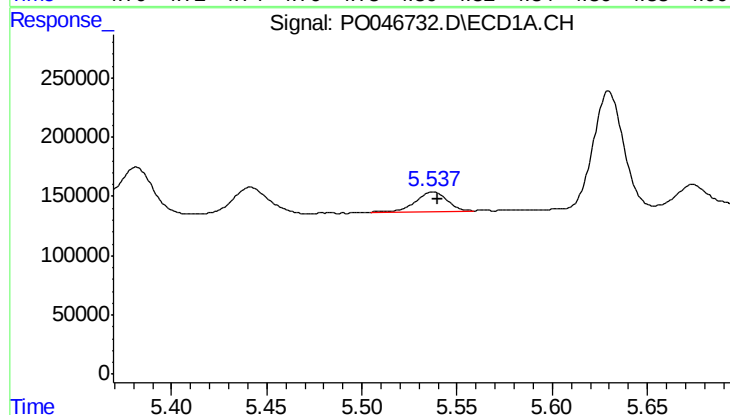
R.T.: 5.442 min
Delta R.T.: -0.002 min
Response: 292320
Conc: 45.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



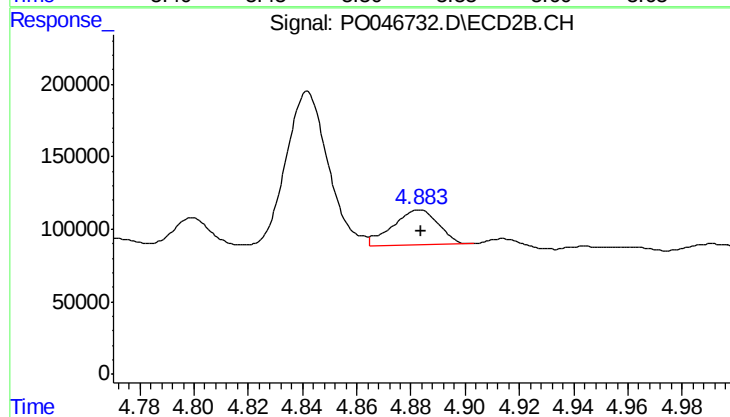
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 211586
Conc: 38.12 ng/ml



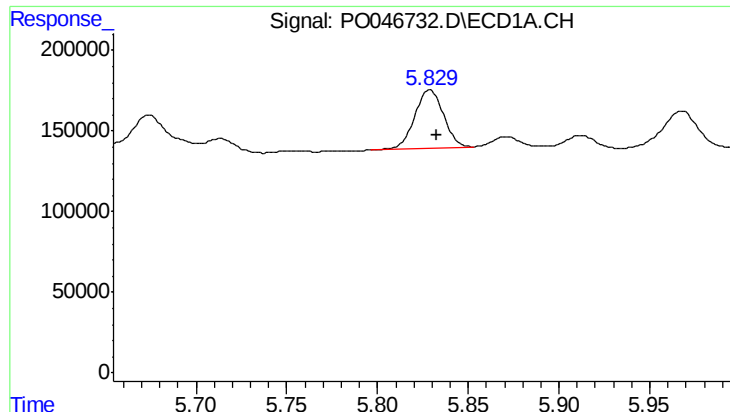
#18 AR-1242-3

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 180327
Conc: 33.10 ng/ml



#18 AR-1242-3

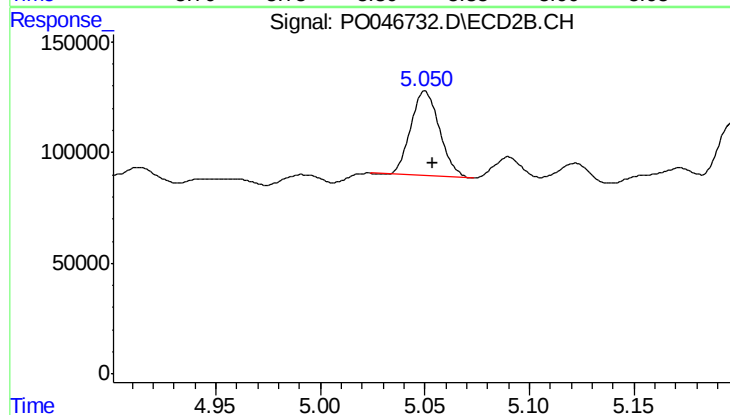
R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 280677
Conc: 54.05 ng/ml



#19 AR-1242-4

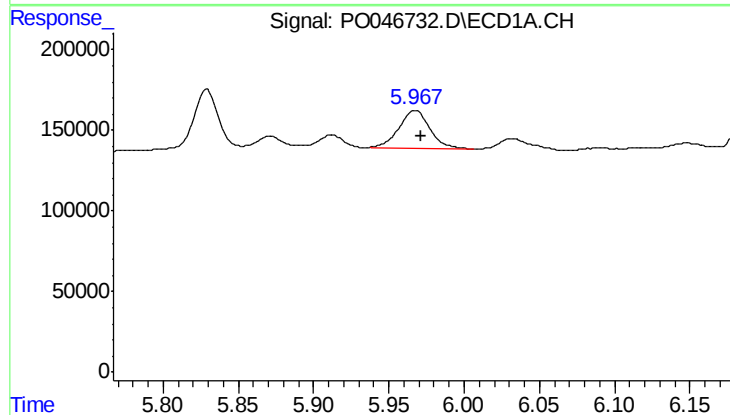
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 399811
Conc: 74.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



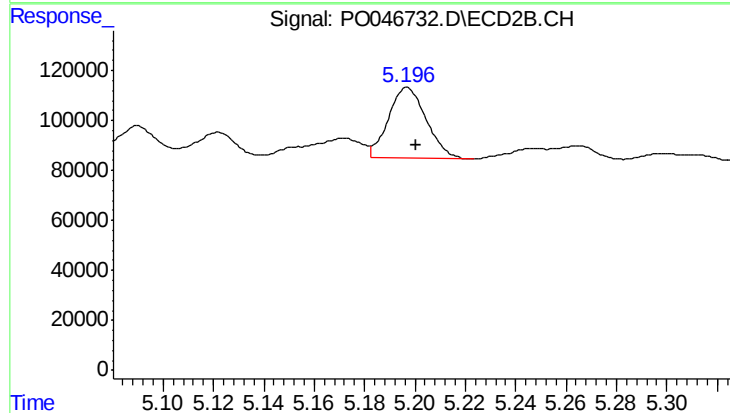
#19 AR-1242-4

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 366552
Conc: 64.59 ng/ml



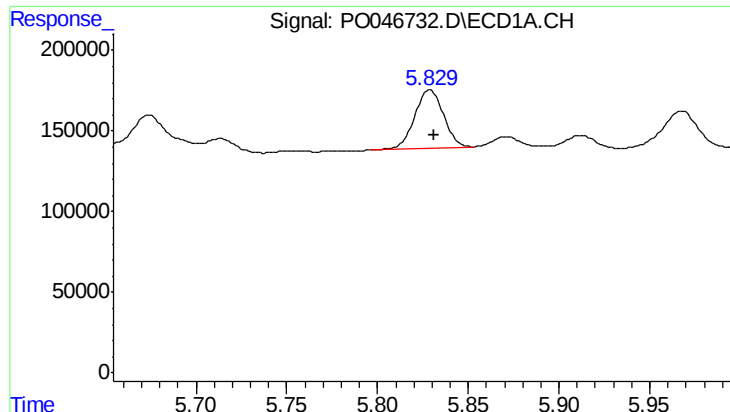
#20 AR-1242-5

R.T.: 5.967 min
Delta R.T.: -0.004 min
Response: 335336
Conc: 55.59 ng/ml



#20 AR-1242-5

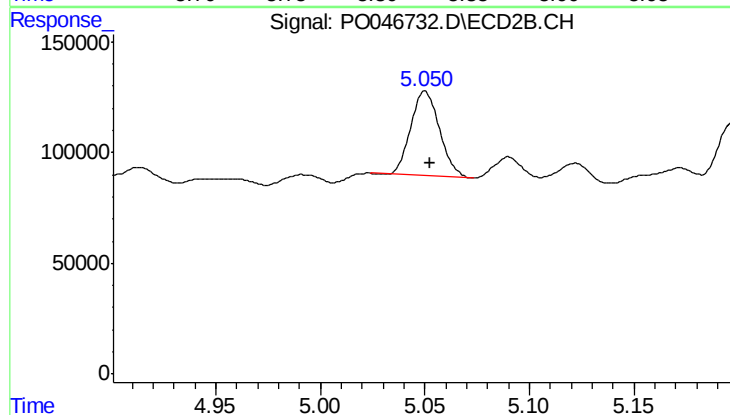
R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 294675
Conc: 56.88 ng/ml



#21 AR-1248-1

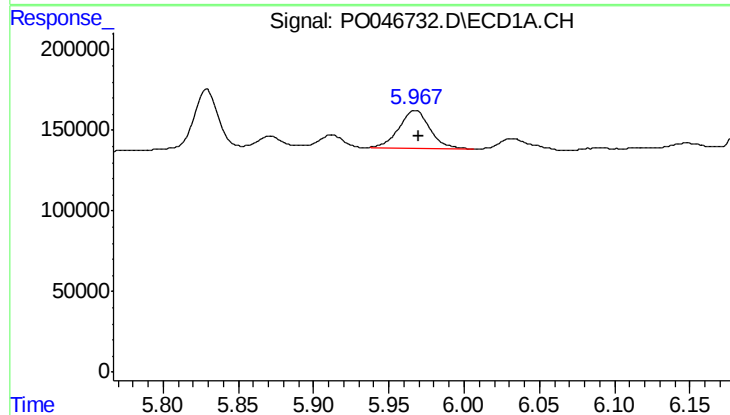
R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 399811
Conc: 50.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



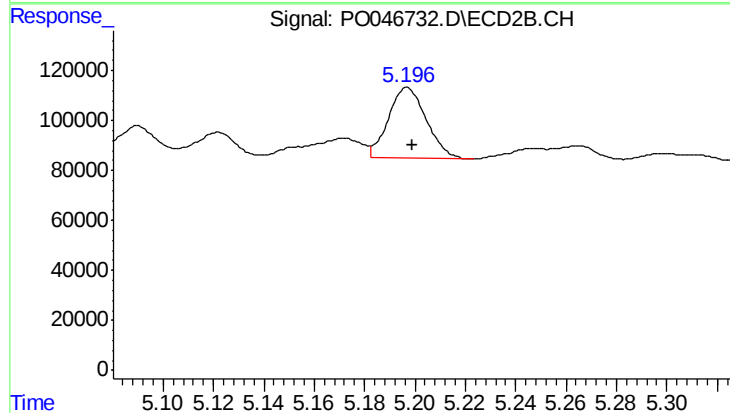
#21 AR-1248-1

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 366552
Conc: 43.35 ng/ml



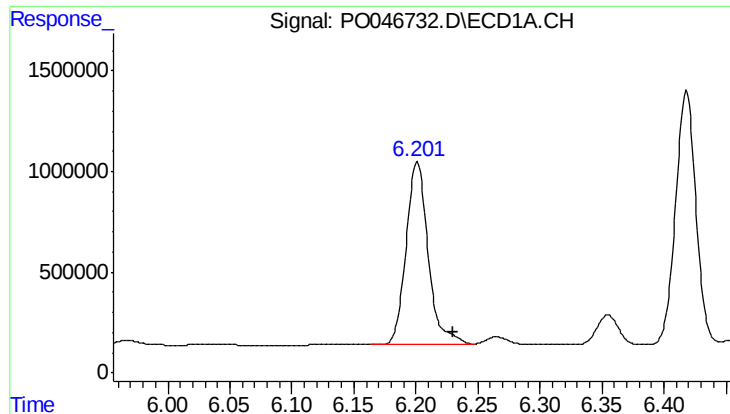
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 335336
Conc: 47.36 ng/ml



#22 AR-1248-2

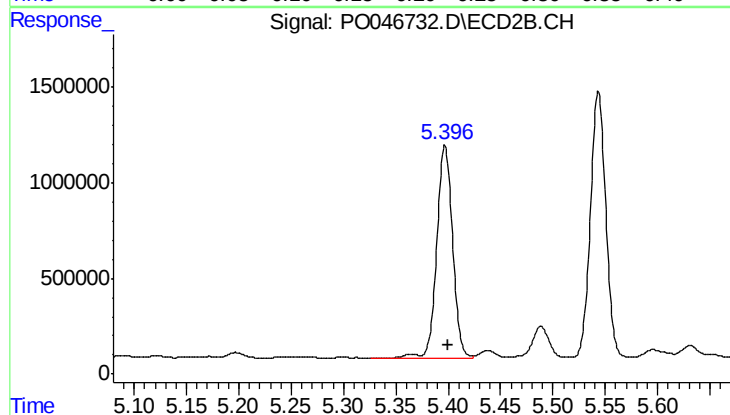
R.T.: 5.197 min
Delta R.T.: -0.002 min
Response: 294675
Conc: 46.17 ng/ml



#23 AR-1248-3

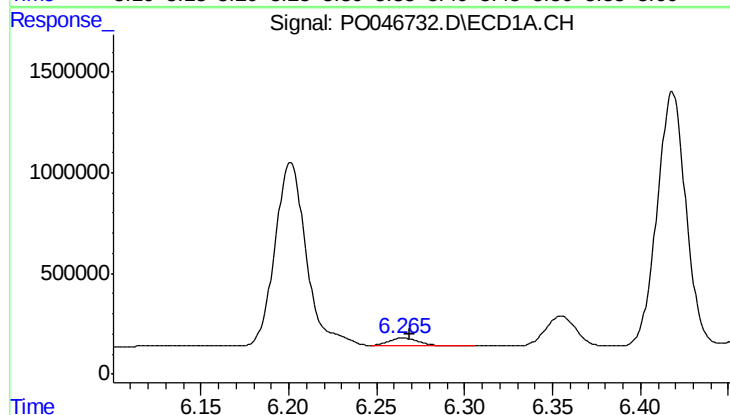
R.T.: 6.201 min
Delta R.T.: -0.029 min
Response: 11334261
Conc: 1237.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



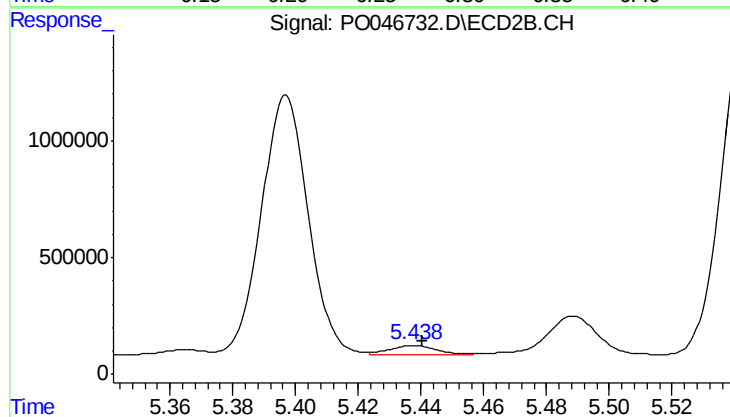
#23 AR-1248-3

R.T.: 5.397 min
Delta R.T.: -0.003 min
Response: 11731359
Conc: 953.35 ng/ml



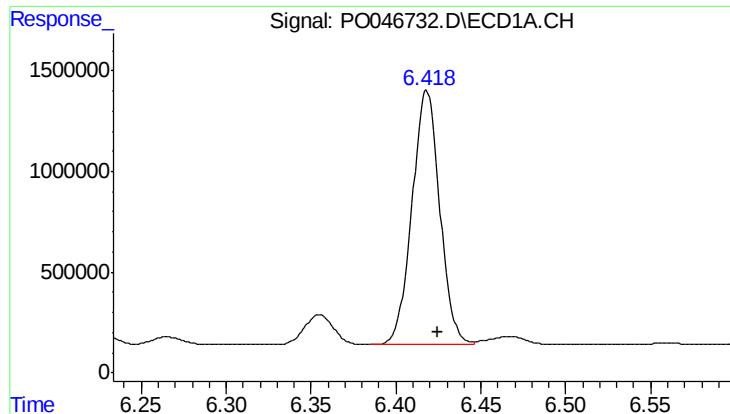
#24 AR-1248-4

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 495789
Conc: 55.89 ng/ml



#24 AR-1248-4

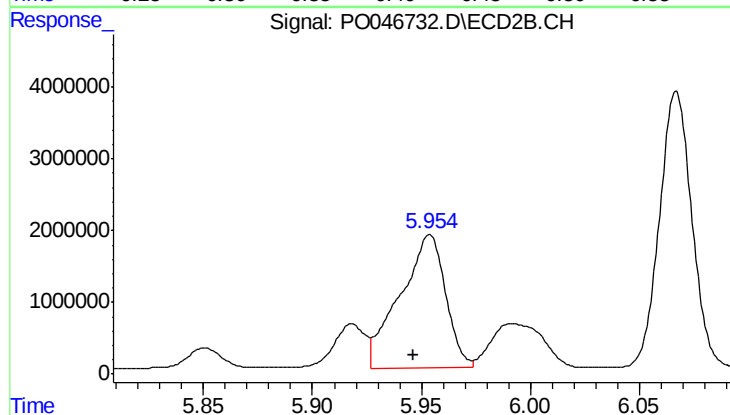
R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 416660
Conc: 47.87 ng/ml



#25 AR-1248-5

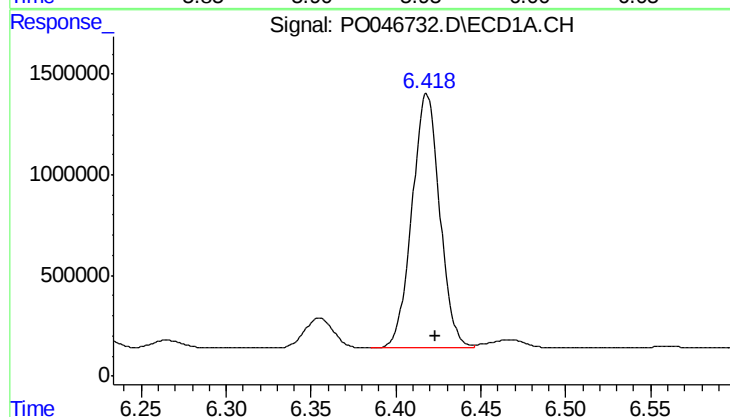
R.T.: 6.418 min
Delta R.T.: -0.006 min
Response: 14379689
Conc: 1580.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



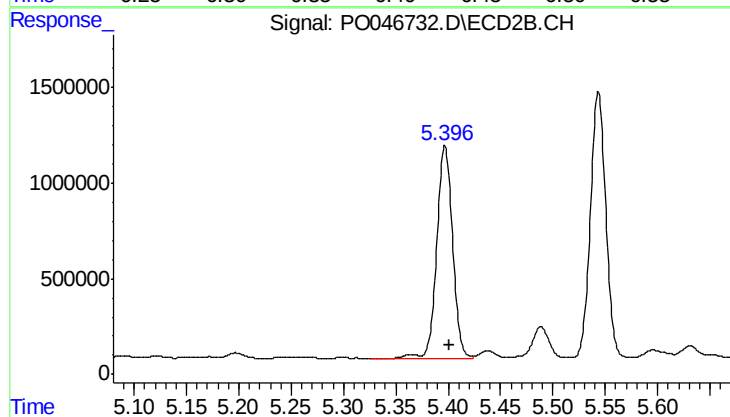
#25 AR-1248-5

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 27099578
Conc: 4628.77 ng/ml



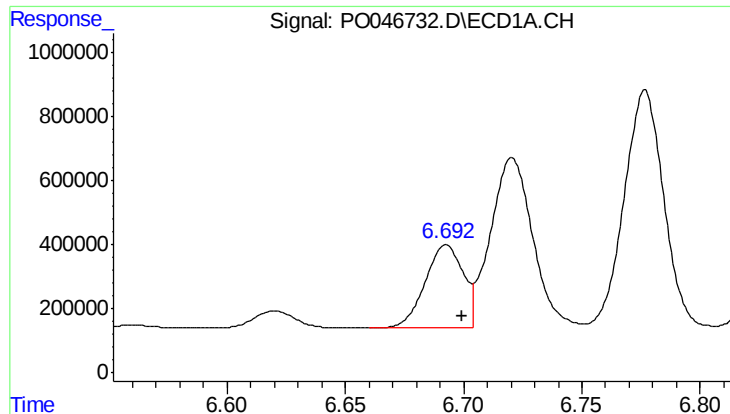
#26 AR-1254-1

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 14379689
Conc: 1031.26 ng/ml



#26 AR-1254-1

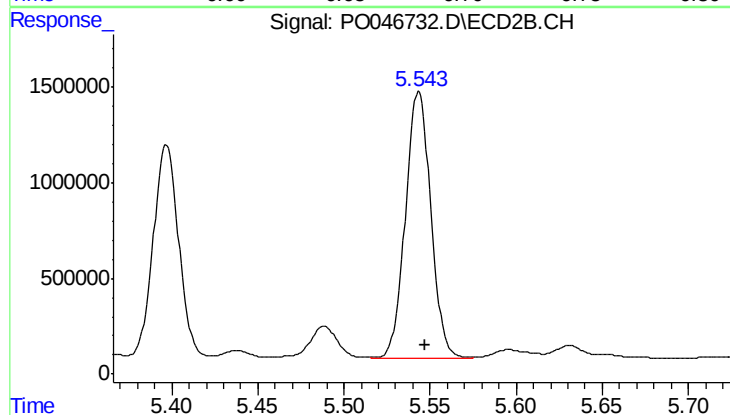
R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 11731359
Conc: 877.37 ng/ml



#27 AR-1254-2

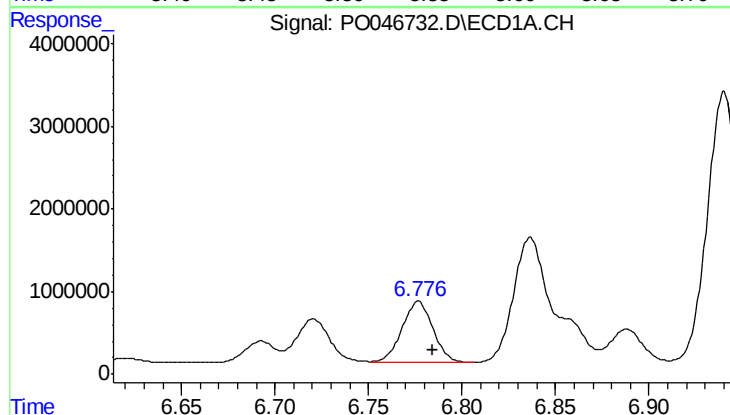
R.T.: 6.693 min
Delta R.T.: -0.007 min
Response: 2887851
Conc: 327.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



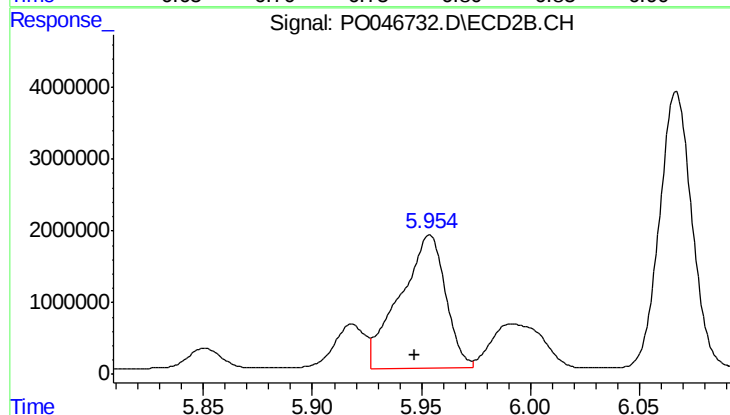
#27 AR-1254-2

R.T.: 5.543 min
Delta R.T.: -0.004 min
Response: 14227838
Conc: 1230.87 ng/ml



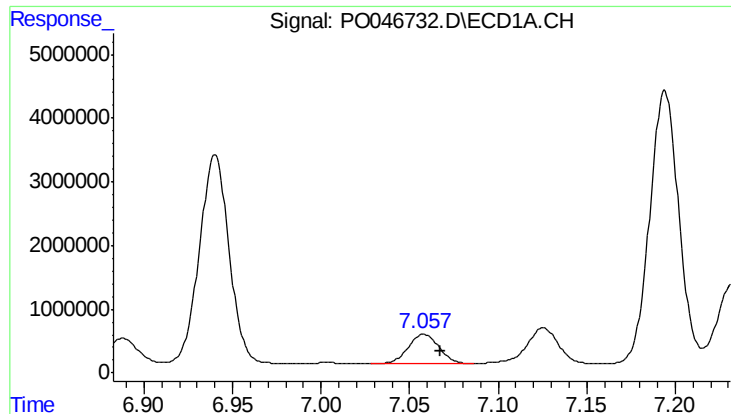
#28 AR-1254-3

R.T.: 6.777 min
Delta R.T.: -0.007 min
Response: 8581484
Conc: 561.28 ng/ml



#28 AR-1254-3

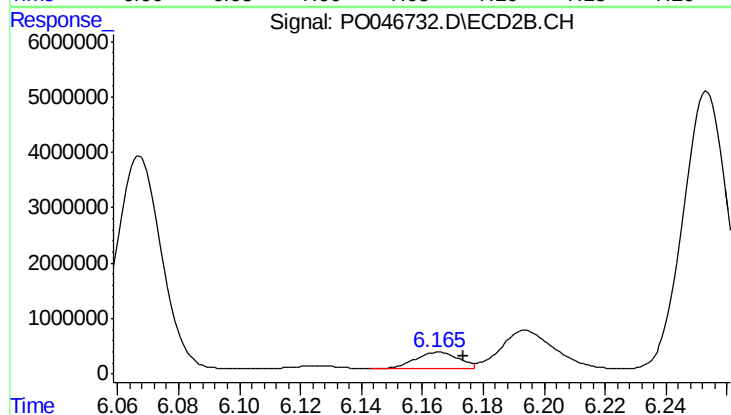
R.T.: 5.954 min
Delta R.T.: 0.006 min
Response: 27099578
Conc: 1376.94 ng/ml



#29 AR-1254-4

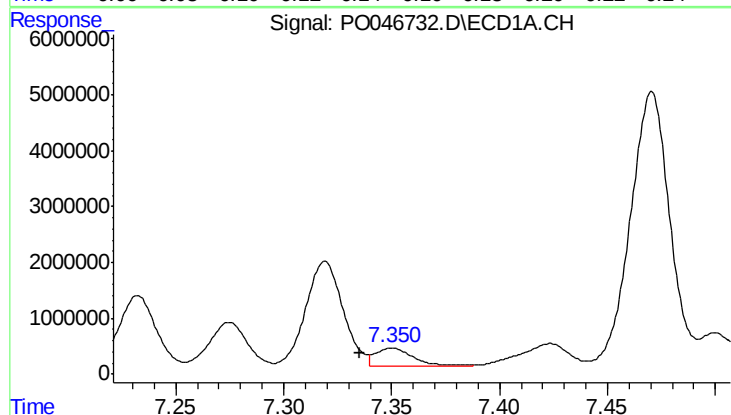
R.T.: 7.058 min
Delta R.T.: -0.010 min
Response: 5599720
Conc: 487.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



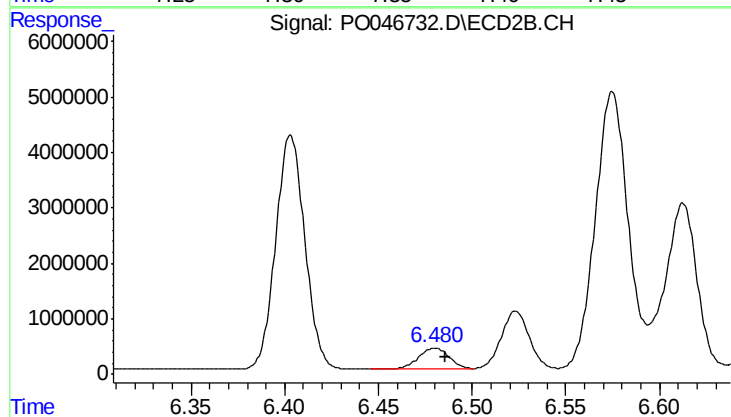
#29 AR-1254-4

R.T.: 6.165 min
Delta R.T.: -0.008 min
Response: 3030490
Conc: 240.34 ng/ml



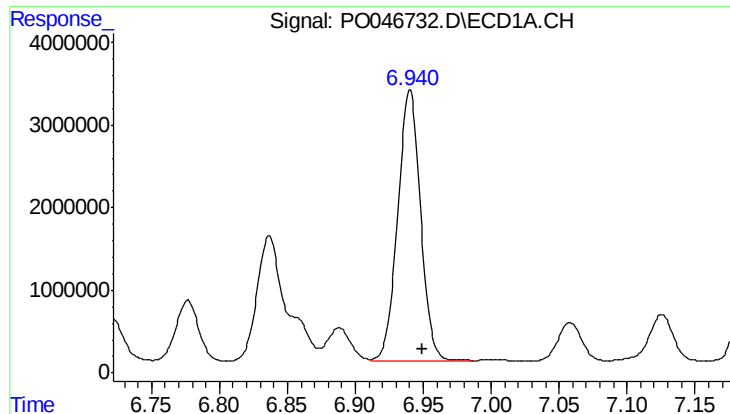
#30 AR-1254-5

R.T.: 7.350 min
Delta R.T.: 0.015 min
Response: 3851370
Conc: 433.98 ng/ml



#30 AR-1254-5

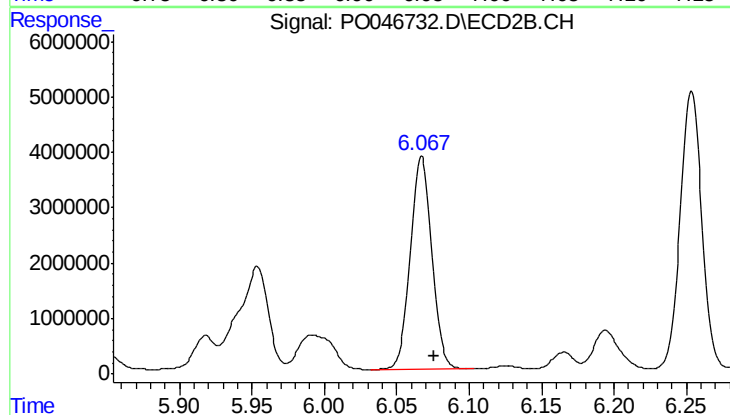
R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 4495921
Conc: 495.68 ng/ml



#31 AR-1260-1

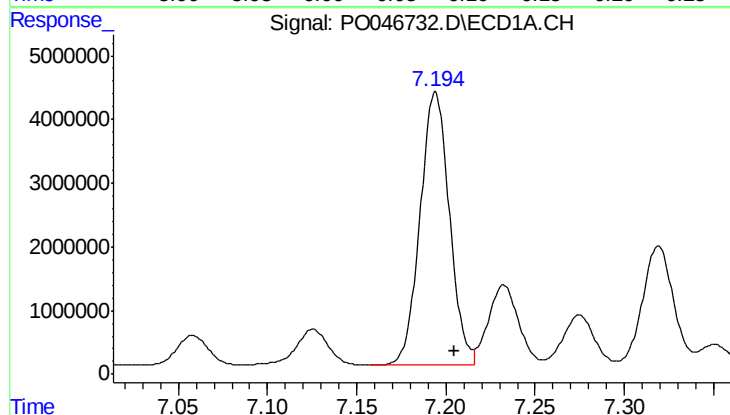
R.T.: 6.940 min
Delta R.T.: -0.009 min
Response: 38422655
Conc: 3345.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



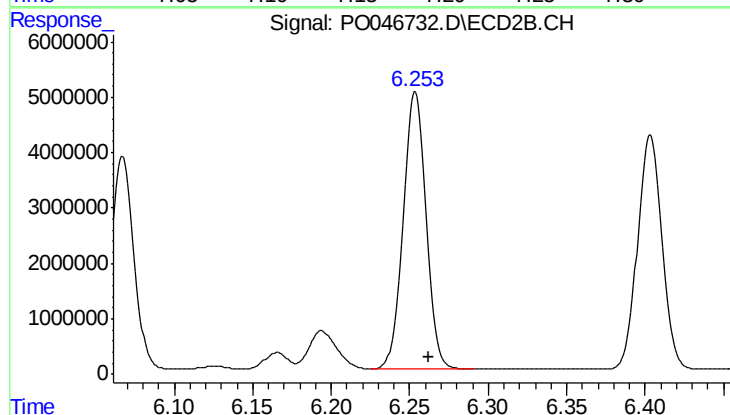
#31 AR-1260-1

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 39793840
Conc: 3050.70 ng/ml



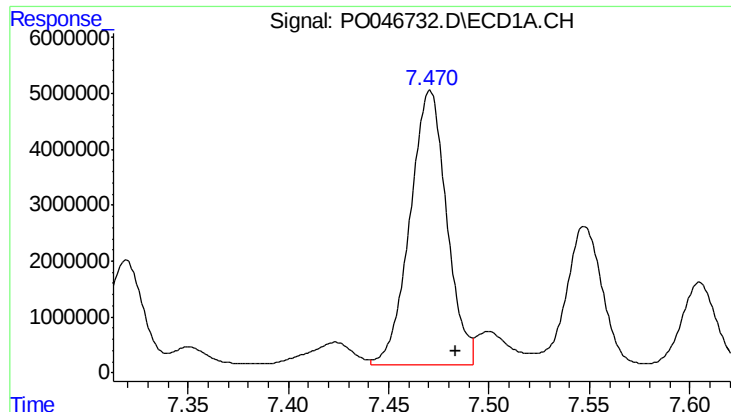
#32 AR-1260-2

R.T.: 7.194 min
Delta R.T.: -0.011 min
Response: 48834386
Conc: 3617.48 ng/ml



#32 AR-1260-2

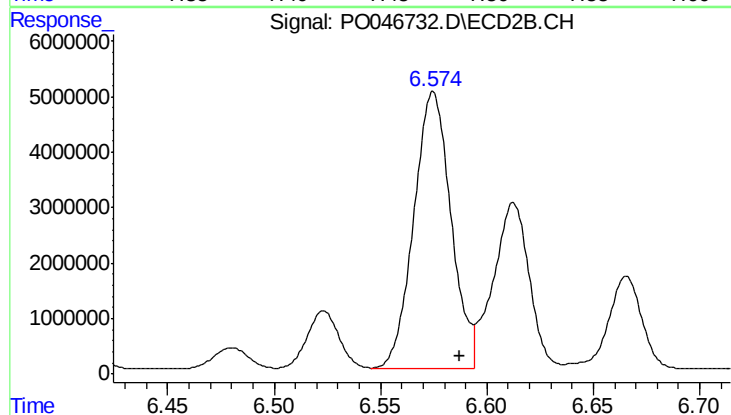
R.T.: 6.254 min
Delta R.T.: -0.008 min
Response: 51571082
Conc: 3234.24 ng/ml



#33 AR-1260-3

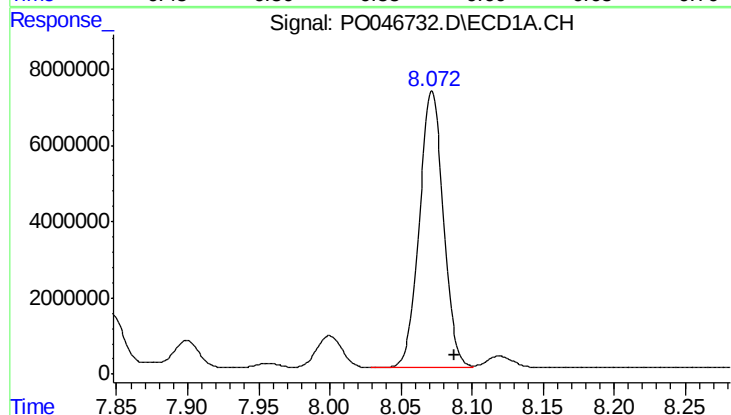
R.T.: 7.471 min
Delta R.T.: -0.013 min
Response: 62252902
Conc: 3847.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



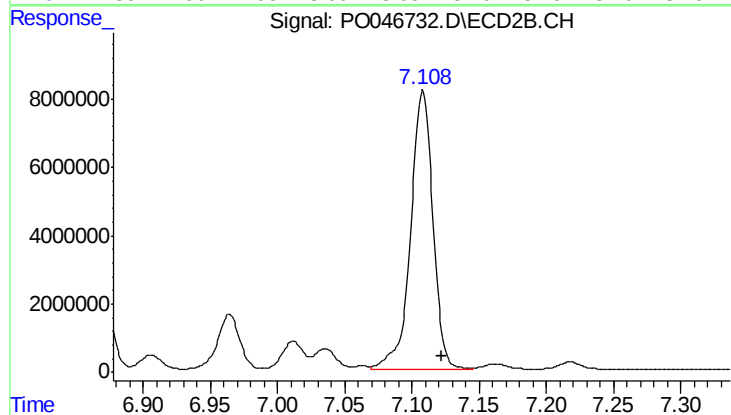
#33 AR-1260-3

R.T.: 6.575 min
Delta R.T.: -0.013 min
Response: 60938017
Conc: 3398.10 ng/ml



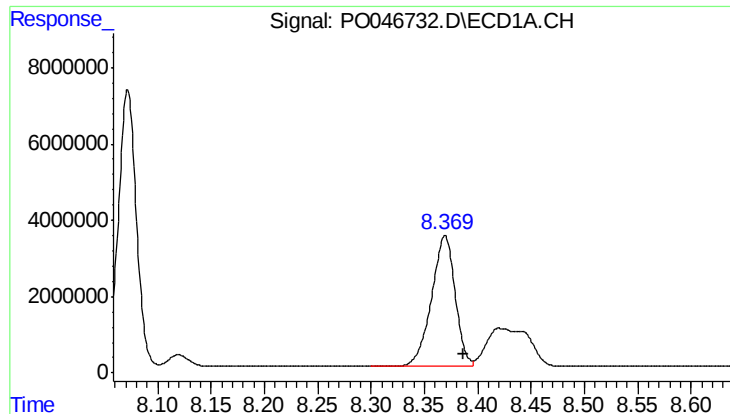
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: -0.016 min
Response: 85803526
Conc: 4081.23 ng/ml



#34 AR-1260-4

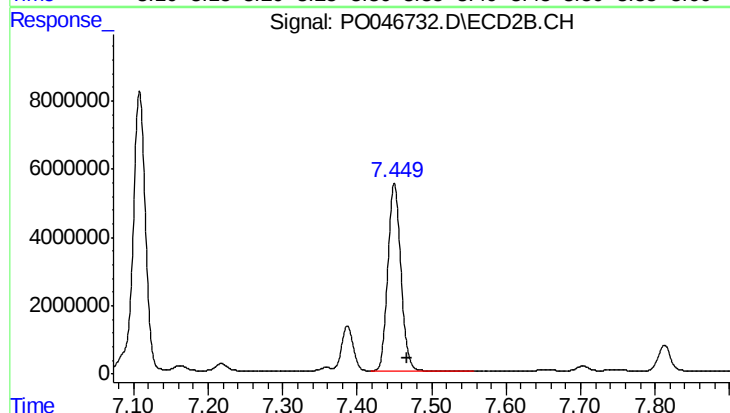
R.T.: 7.108 min
Delta R.T.: -0.014 min
Response: 94579858
Conc: 3404.31 ng/ml



#35 AR-1260-5

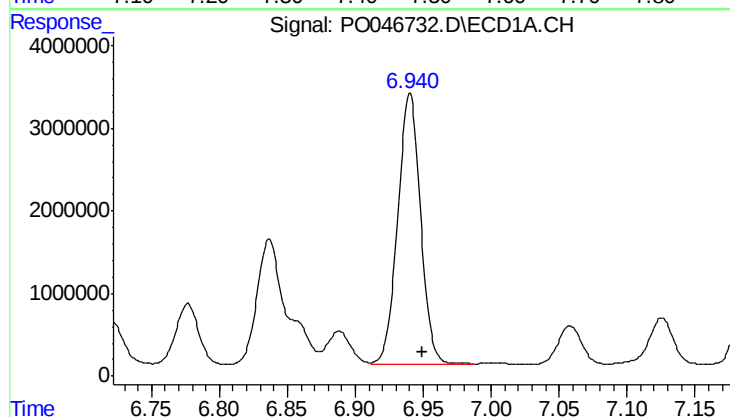
R.T.: 8.370 min
Delta R.T.: -0.018 min
Response: 53018500
Conc: 3931.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



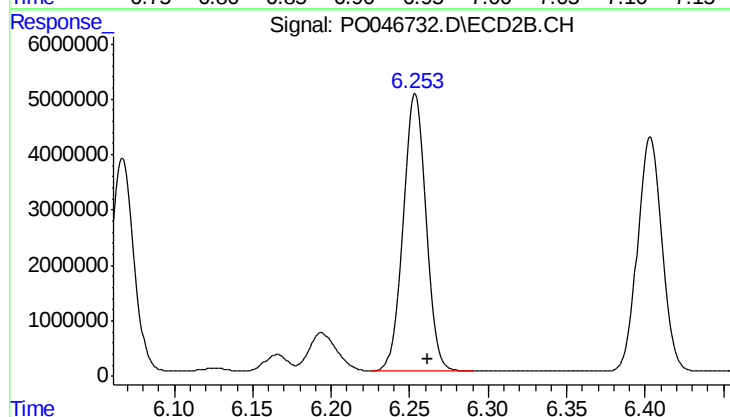
#35 AR-1260-5

R.T.: 7.450 min
Delta R.T.: -0.017 min
Response: 66084822
Conc: 3439.80 ng/ml



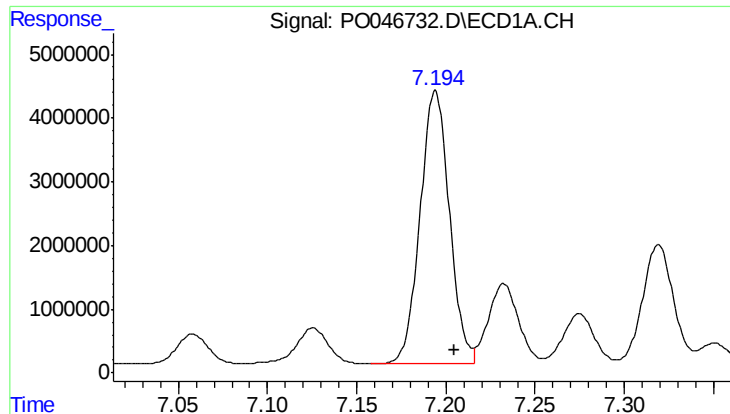
#36 AR-1262-1

R.T.: 6.940 min
Delta R.T.: -0.009 min
Response: 38422655
Conc: 4033.47 ng/ml



#36 AR-1262-1

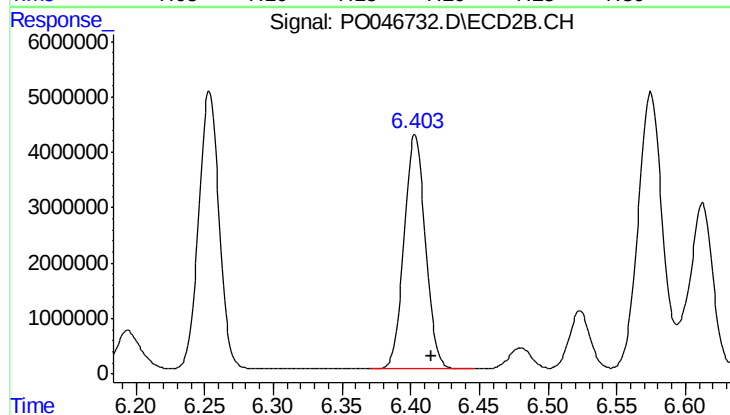
R.T.: 6.254 min
Delta R.T.: -0.008 min
Response: 51571082
Conc: 3937.52 ng/ml



#37 AR-1262-2

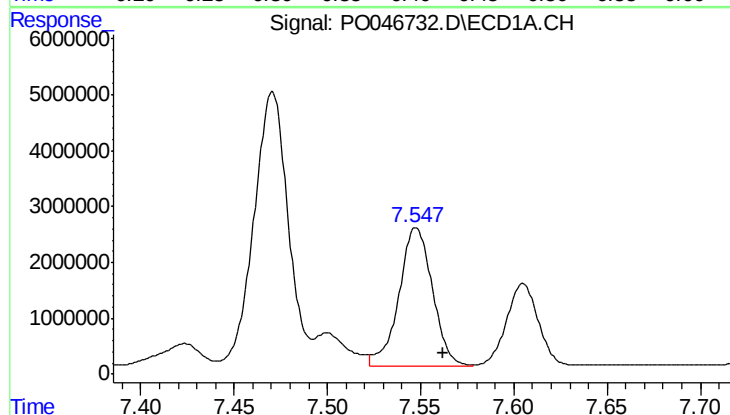
R.T.: 7.194 min
Delta R.T.: -0.010 min
Response: 48834386
Conc: 4384.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



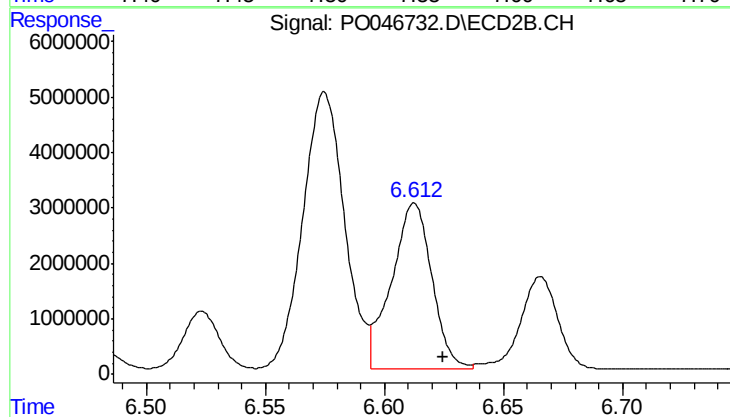
#37 AR-1262-2

R.T.: 6.403 min
Delta R.T.: -0.012 min
Response: 45805421
Conc: 3536.03 ng/ml



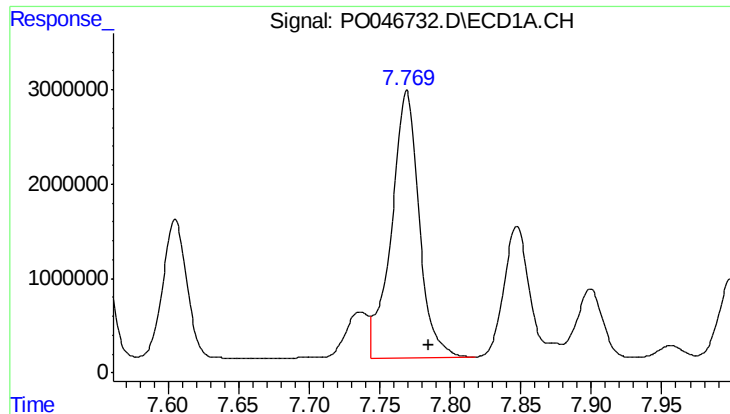
#38 AR-1262-3

R.T.: 7.548 min
Delta R.T.: -0.015 min
Response: 30750964
Conc: 2147.57 ng/ml



#38 AR-1262-3

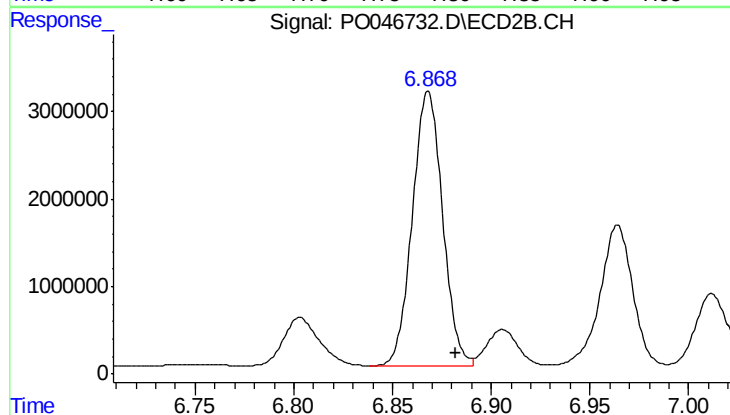
R.T.: 6.612 min
Delta R.T.: -0.012 min
Response: 35757694
Conc: 2041.94 ng/ml



#39 AR-1262-4

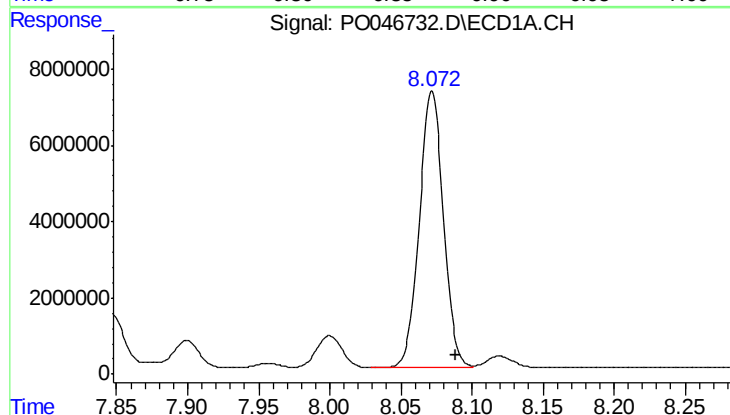
R.T.: 7.769 min
Delta R.T.: -0.015 min
Response: 38842811
Conc: 2889.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



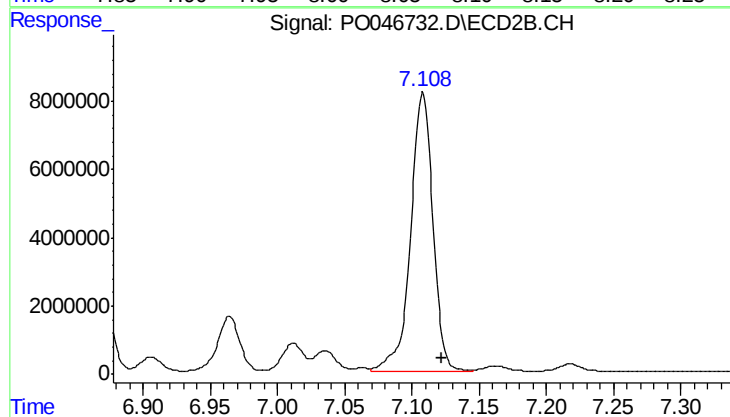
#39 AR-1262-4

R.T.: 6.868 min
Delta R.T.: -0.014 min
Response: 33393843
Conc: 2184.44 ng/ml



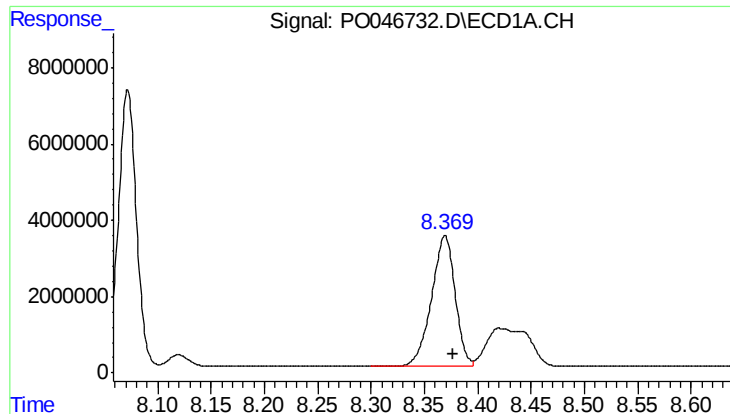
#40 AR-1262-5

R.T.: 8.072 min
Delta R.T.: -0.016 min
Response: 85803526
Conc: 3544.98 ng/ml



#40 AR-1262-5

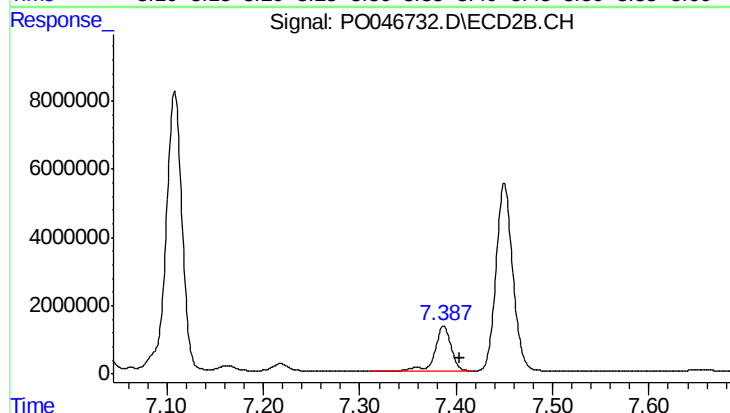
R.T.: 7.108 min
Delta R.T.: -0.014 min
Response: 94579858
Conc: 3063.97 ng/ml



#41 AR-1268-1

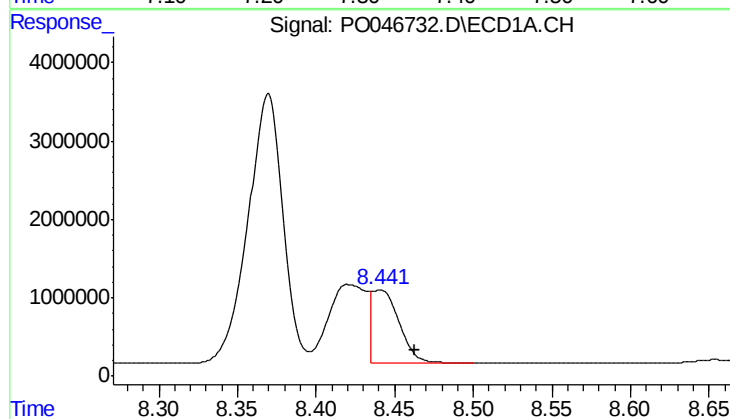
R.T.: 8.370 min
Delta R.T.: -0.008 min
Response: 53018500
Conc: 2175.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



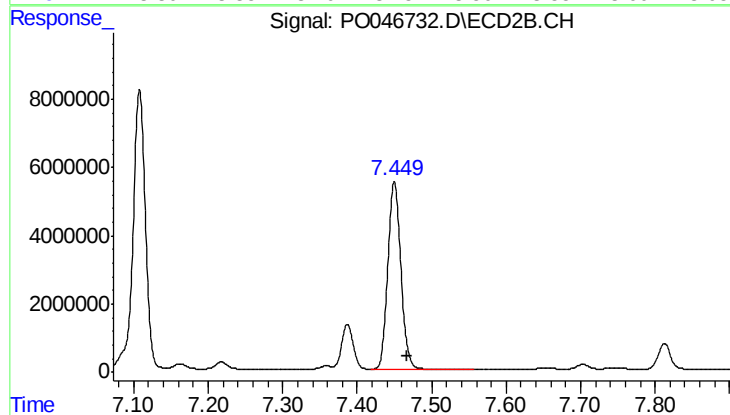
#41 AR-1268-1

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 14903887
Conc: 532.57 ng/ml



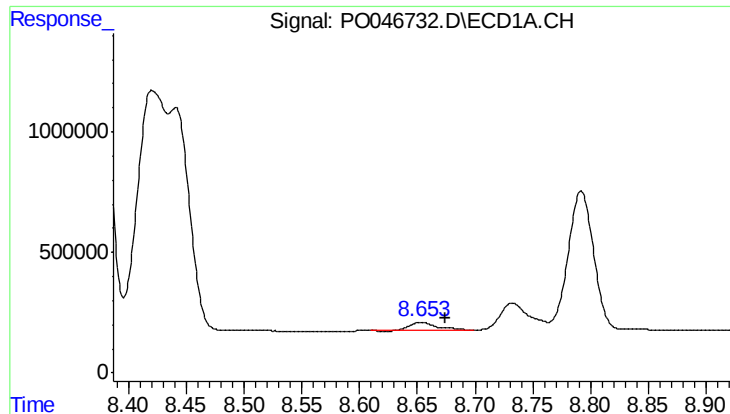
#42 AR-1268-2

R.T.: 8.441 min
Delta R.T.: -0.022 min
Response: 11353139
Conc: 501.09 ng/ml



#42 AR-1268-2

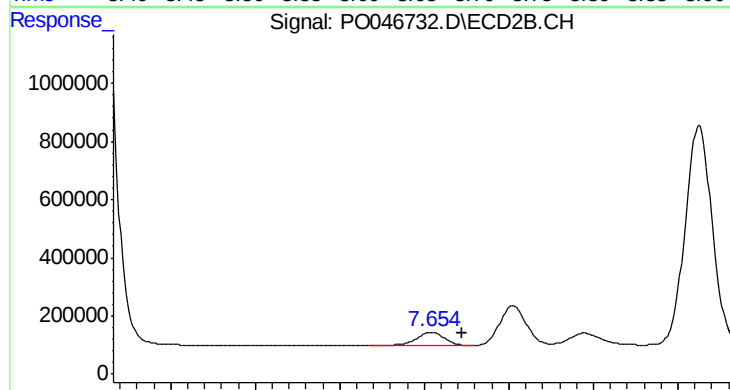
R.T.: 7.450 min
Delta R.T.: -0.018 min
Response: 66084822
Conc: 2398.84 ng/ml



#43 AR-1268-3

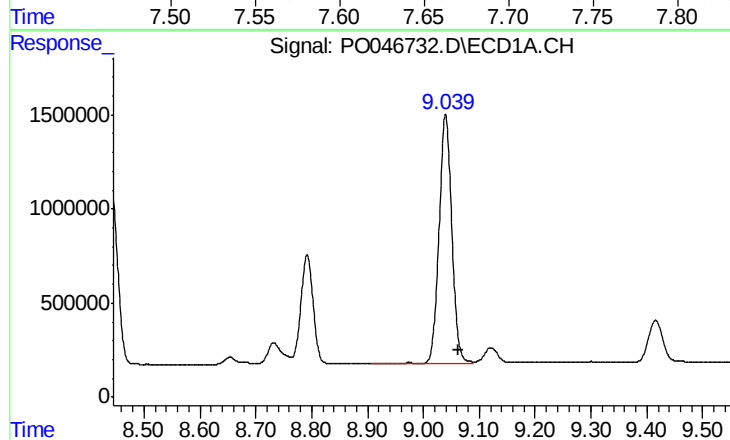
R.T.: 8.654 min
Delta R.T.: -0.021 min
Response: 578495
Conc: 30.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



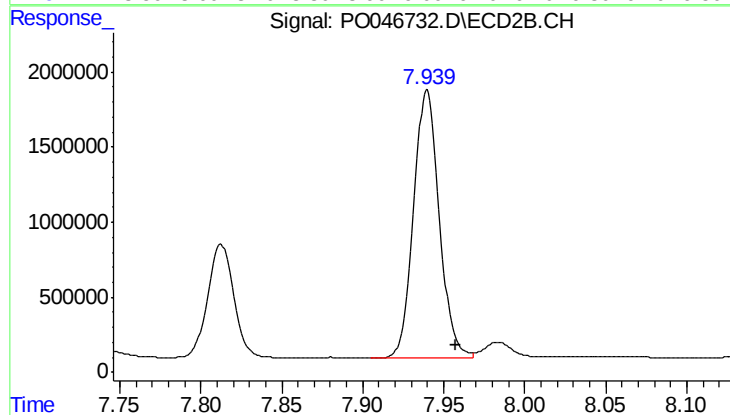
#43 AR-1268-3

R.T.: 7.654 min
Delta R.T.: -0.018 min
Response: 576040
Conc: 25.80 ng/ml



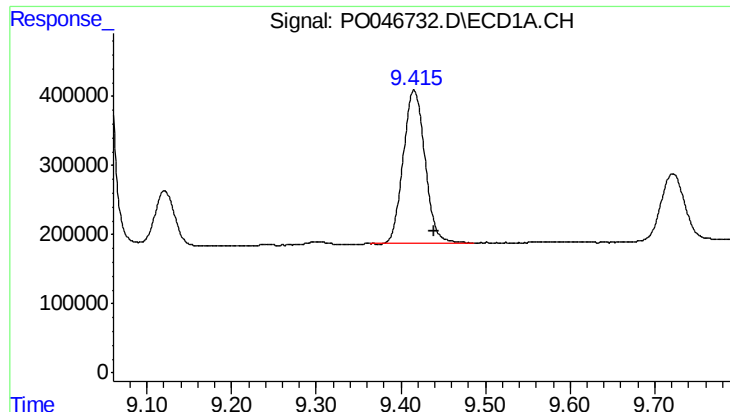
#44 AR-1268-4

R.T.: 9.040 min
Delta R.T.: -0.022 min
Response: 20937710
Conc: 2468.73 ng/ml



#44 AR-1268-4

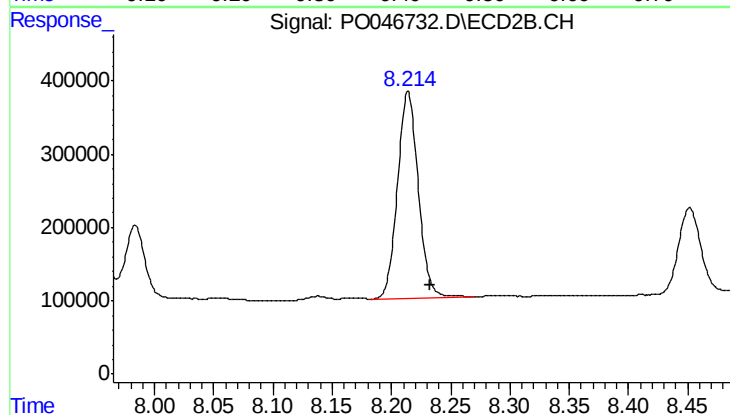
R.T.: 7.940 min
Delta R.T.: -0.018 min
Response: 19667032
Conc: 2066.40 ng/ml



#45 AR-1268-5

R.T.: 9.416 min
Delta R.T.: -0.024 min
Response: 3952202
Conc: 71.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.214 min
Delta R.T.: -0.019 min
Response: 3446813
Conc: 54.60 ng/ml