

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071918\
 Data File : P0046895.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jul 2018 00:12
 Operator : SM/SJ
 Sample : J4028-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 KY030LC068-W-180716MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:27:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 19 01:07:21 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...	4.192	3.517	5240326	5596904	18.235	18.336
2) SA Decachlor...	9.713	8.439	3664031	4059225	16.659	16.578
Target Compounds						
3) L1 AR-1016-1	5.074	4.366	1281499	1390021	199.337	191.506
4) L1 AR-1016-2	5.421	4.775	1637127	1570935	202.305	196.523
5) L1 AR-1016-3	5.517	4.816	1341484	1154509	196.384	199.827
6) L1 AR-1016-4	5.809	4.858	1262359	1414120	191.833	202.402
7) L1 AR-1016-5	5.948	5.026	1143866	1437591	158.856	184.582
8) L2 AR-1221-1	4.394	3.726	494607	161387	133.737	40.417 #
9) L2 AR-1221-2	4.482	3.811	282317	472949	107.674	164.423 #
10) L2 AR-1221-3	4.554	3.885	949559	947434	112.461	105.283
11) L3 AR-1232-1	4.915	4.198	719755	837780	391.953	443.778
12) L3 AR-1232-2	5.338	4.583	1882554	2088791	486.913	469.717
13) L3 AR-1232-3	5.360	4.602	2671549	2802714	481.893	452.197
14) L3 AR-1232-4	5.421	4.657	1637127	1915759	475.944	450.769
15) L3 AR-1232-5	5.517	4.816	1341484	1154509	480.177	525.810
16) L4 AR-1242-1	5.360	4.602	2671549	2802714	234.475	227.472
17) L4 AR-1242-2	5.421	4.775	1637127	1570935	232.622	229.350
18) L4 AR-1242-3	5.517	4.858	1341484	1414120	227.559	224.732
19) L4 AR-1242-4	5.809	5.026	1262359	1437591	221.133	203.279
20) L4 AR-1242-5	5.948	5.173	1143866	1025279	174.882	159.602
21) L5 AR-1248-1	5.809	5.026	1262359	1437591	139.670	131.710
22) L5 AR-1248-2	5.948	5.173	1143866	1025279	140.443	124.698
23) L5 AR-1248-3	6.208	5.374	217754	1206865	20.634	74.604 #
24) L5 AR-1248-4	6.246	5.374	196856	1206865	19.329	106.504 #
25) L5 AR-1248-5	6.399	5.933	1025898	2201293	147.492	288.833 #
26) L6 AR-1254-1	6.399	5.374	1025898	1206865	67.905	72.634
27) L6 AR-1254-2	6.676	5.519	211928	1136601	22.252	79.892 #
28) L6 AR-1254-3	6.760	5.933	590901	2201293	36.118	91.917 #
29) L6 AR-1254-4	7.043	6.145	372708	354251	30.388	21.621 #
30) L6 AR-1254-5	7.306	6.463	1297713	444489	140.084	39.128 #
31) L7 AR-1260-1	6.924	6.047	2354581	3131042	198.611	196.115
32) L7 AR-1260-2	7.179	6.234	2729889	4033417	195.254	191.761
33) L7 AR-1260-3	7.458	6.558	3325660	4460643	206.495	201.936
34) L7 AR-1260-4	8.063	7.093	4003865	6838096	175.897	184.950
35) L7 AR-1260-5	8.361	7.437	2556828	4693690	180.479	185.025
36) L8 AR-1262-1	6.924	6.234	2354581	4033417	228.865	228.453
37) L8 AR-1262-2	7.179	6.386	2729889	3683468	228.487	221.095
38) L8 AR-1262-3	7.536	6.595	1777187	2986553	114.819	118.613

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0071918\
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 Acq On : 19 Jul 2018 00:12
 Operator : SM/SJ
 Sample : J4028-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

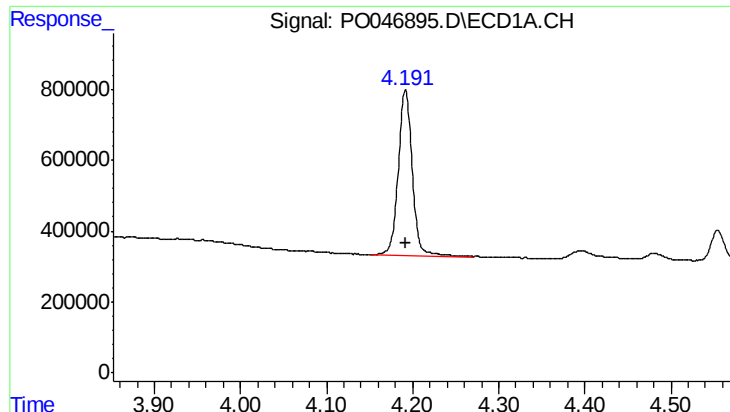
Instrument :
 ECD_O
 ClientSampleId :
 KY030LC068-W-180716MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:27:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0071918.M
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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
39) L8	AR-1262-4	7.759	6.852	2151879	2192123	148.309	107.573 #
40) L8	AR-1262-5	8.063	7.093	4003865	6838096	147.460	151.734
41) L9	AR-1268-1	8.361	7.373	2556828	1681896	91.571	38.668 #
42) L9	AR-1268-2	8.433	7.437	659466	4693690	25.339	116.838 #
44) L9	AR-1268-4	9.031	7.928	995869	1290555	101.384	94.862
45) L9	AR-1268-5	9.408	8.202	347670	416734	5.228	4.775

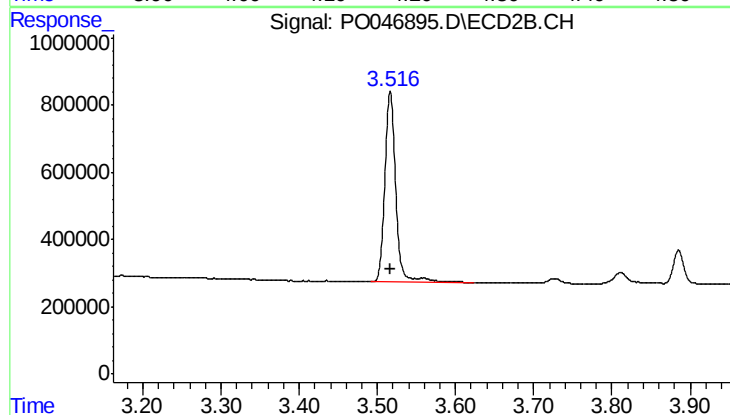
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

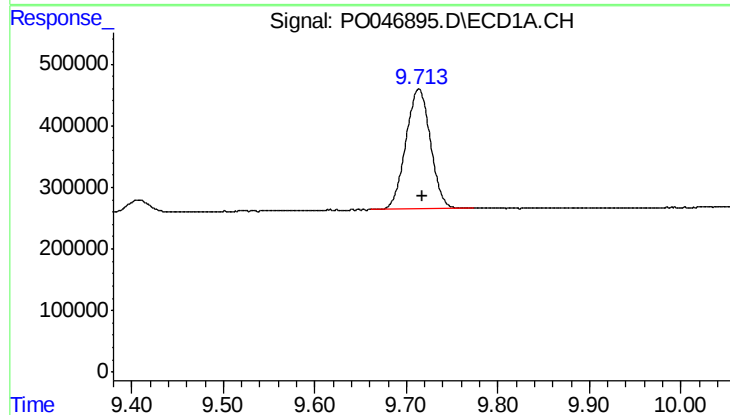
R.T.: 4.192 min
Delta R.T.: -0.001 min
Response: 5240326
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



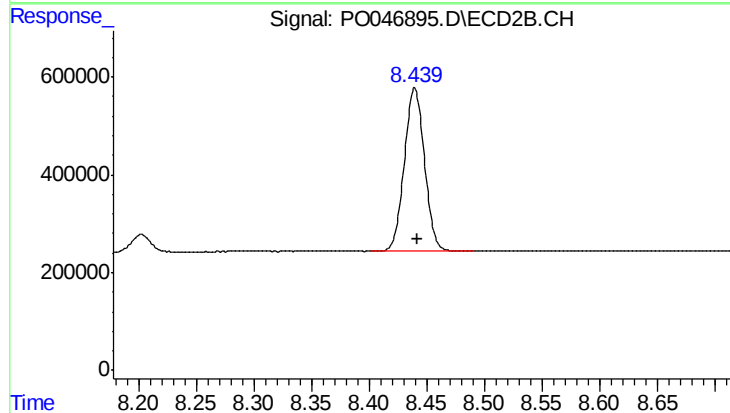
#1 Tetrachloro-m-xylene

R.T.: 3.517 min
Delta R.T.: 0.000 min
Response: 5596904
Conc: 18.34 ng/ml



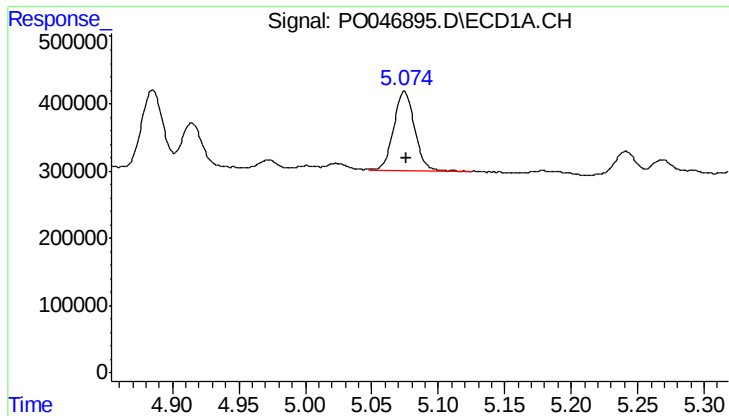
#2 Decachlorobiphenyl

R.T.: 9.713 min
Delta R.T.: -0.004 min
Response: 3664031
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

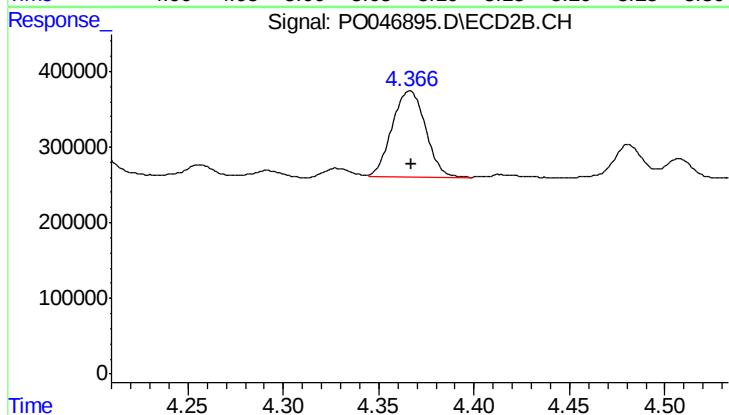
R.T.: 8.439 min
Delta R.T.: -0.002 min
Response: 4059225
Conc: 16.58 ng/ml



#3 AR-1016-1

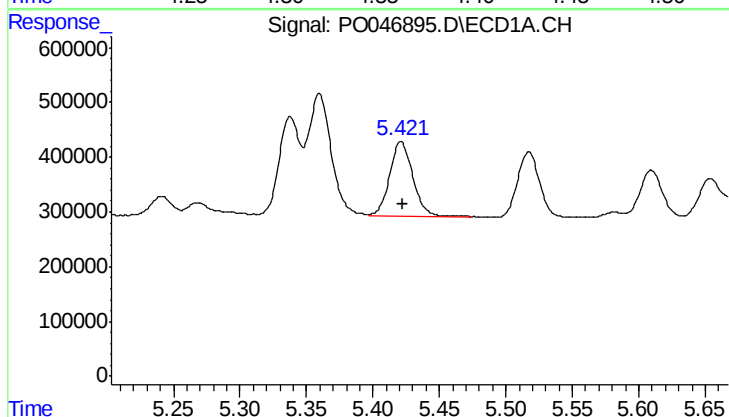
R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 1281499
Conc: 199.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



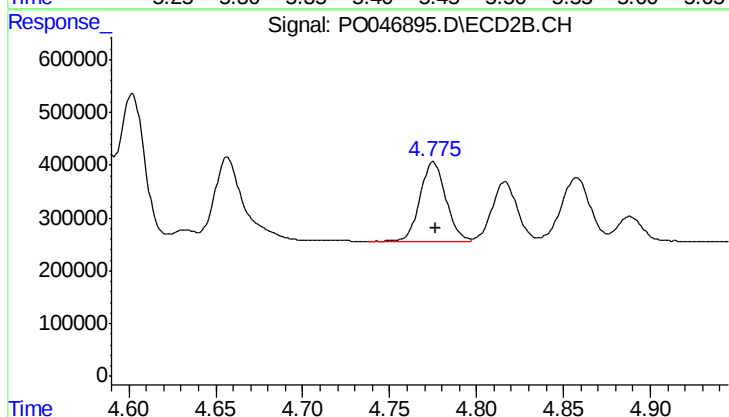
#3 AR-1016-1

R.T.: 4.366 min
Delta R.T.: -0.001 min
Response: 1390021
Conc: 191.51 ng/ml



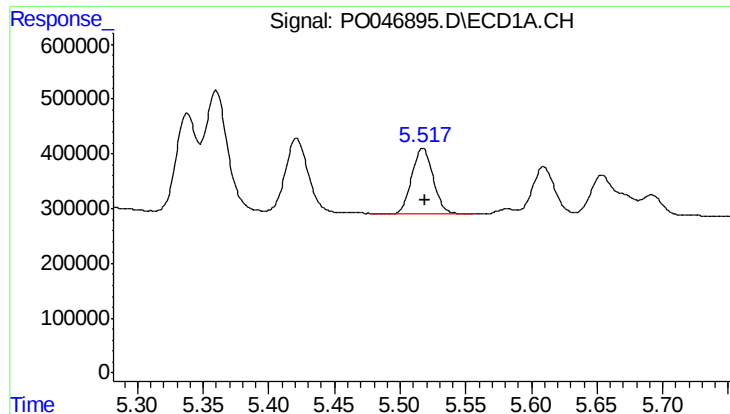
#4 AR-1016-2

R.T.: 5.421 min
Delta R.T.: -0.002 min
Response: 1637127
Conc: 202.31 ng/ml



#4 AR-1016-2

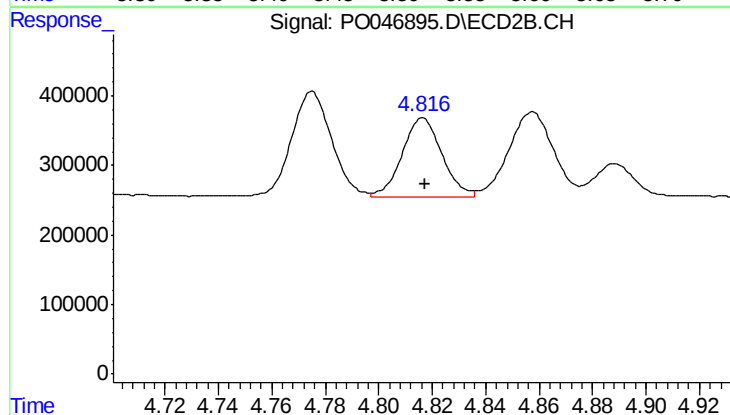
R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 1570935
Conc: 196.52 ng/ml



#5 AR-1016-3

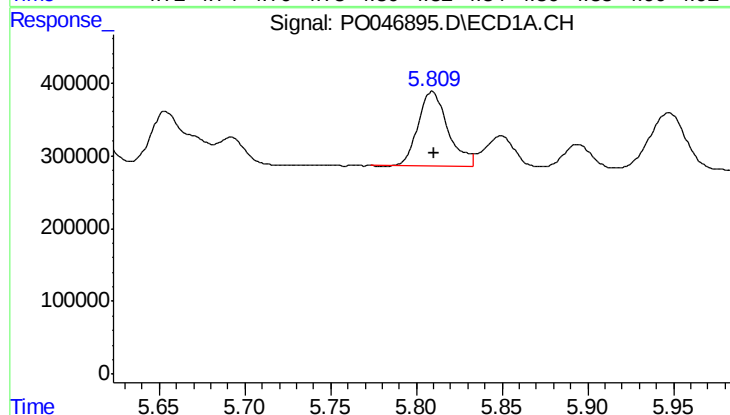
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 1341484
Conc: 196.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



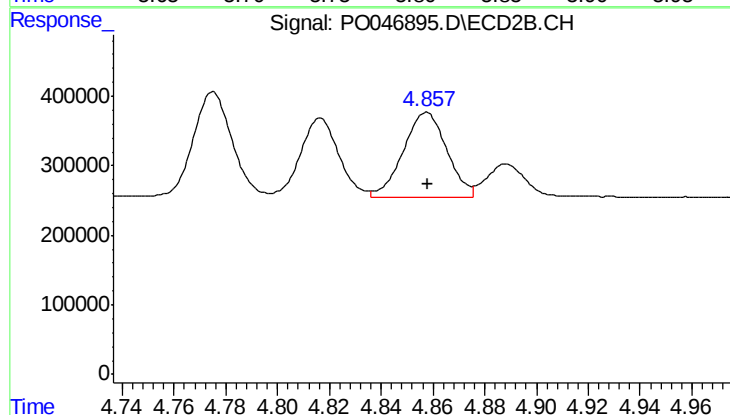
#5 AR-1016-3

R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 1154509
Conc: 199.83 ng/ml



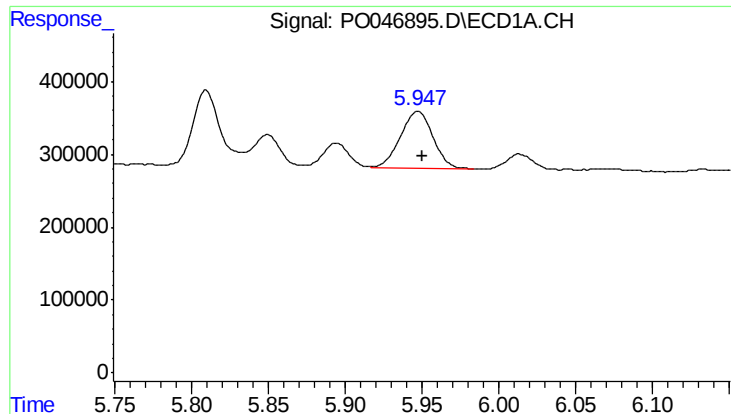
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 1262359
Conc: 191.83 ng/ml



#6 AR-1016-4

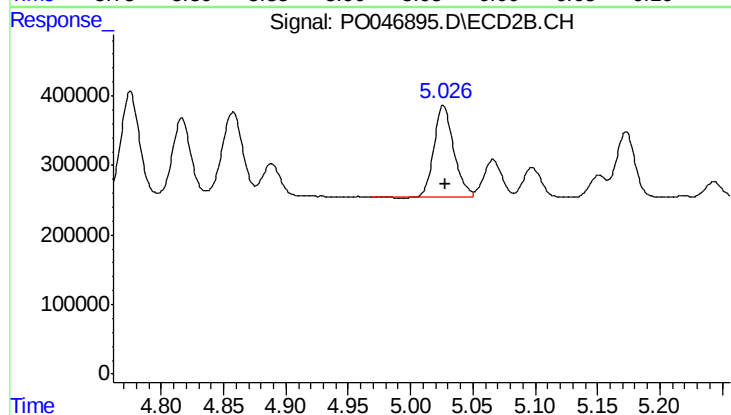
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 1414120
Conc: 202.40 ng/ml



#7 AR-1016-5

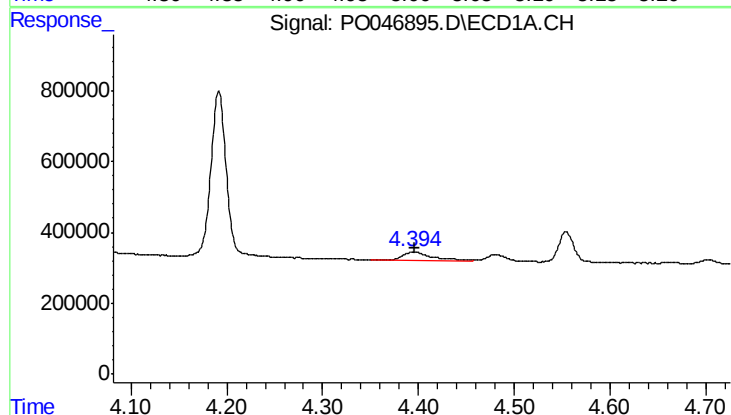
R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 1143866
Conc: 158.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



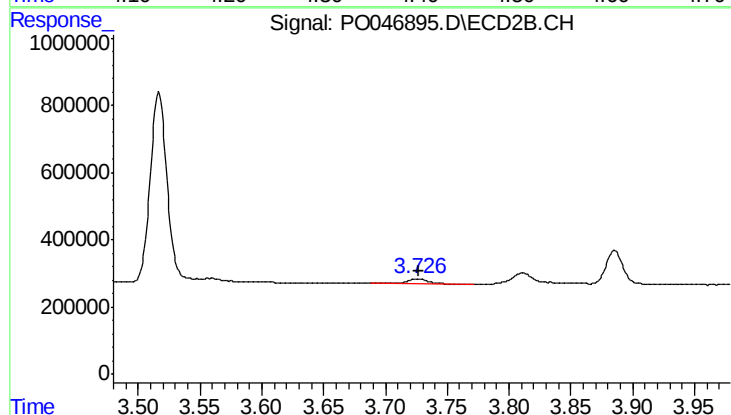
#7 AR-1016-5

R.T.: 5.026 min
Delta R.T.: -0.002 min
Response: 1437591
Conc: 184.58 ng/ml



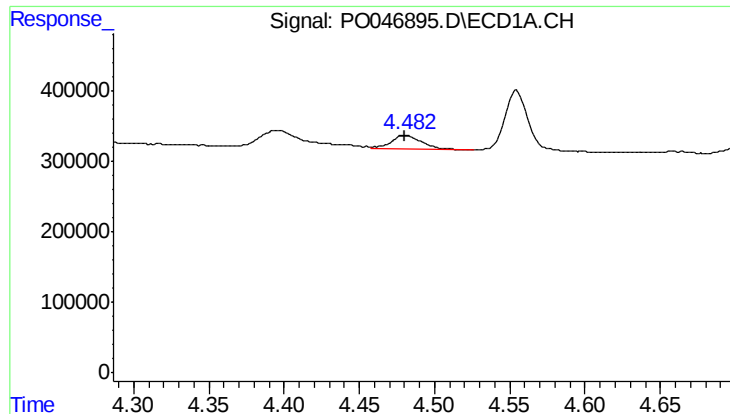
#8 AR-1221-1

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 494607
Conc: 133.74 ng/ml



#8 AR-1221-1

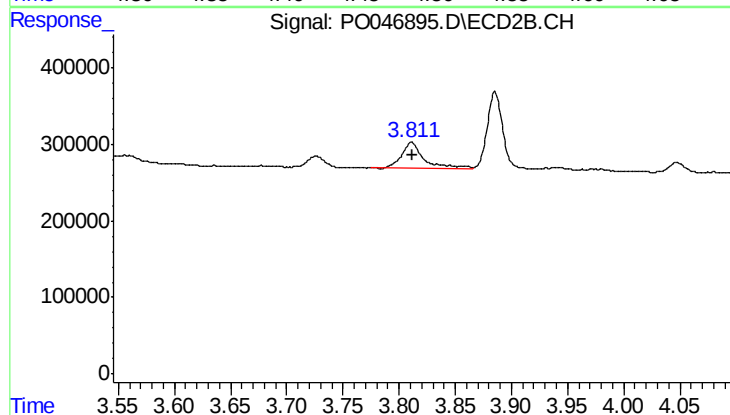
R.T.: 3.726 min
Delta R.T.: -0.001 min
Response: 161387
Conc: 40.42 ng/ml



#9 AR-1221-2

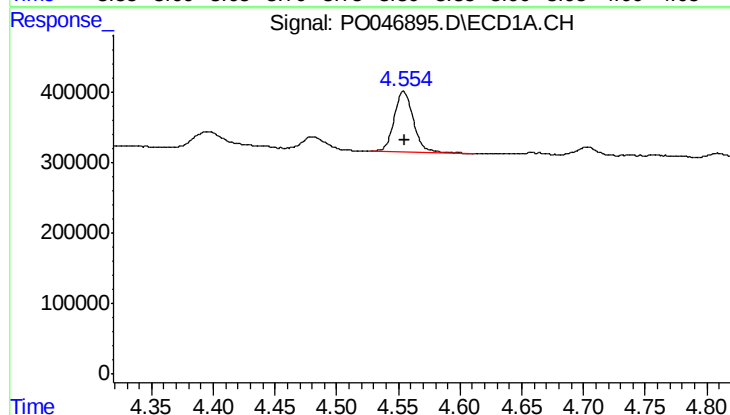
R.T.: 4.482 min
Delta R.T.: 0.001 min
Response: 282317
Conc: 107.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



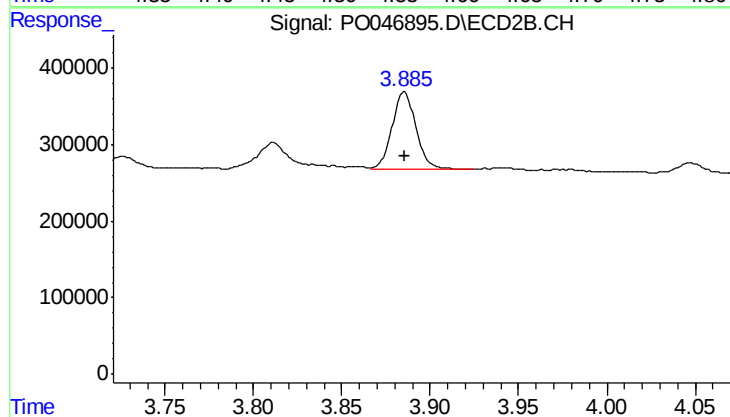
#9 AR-1221-2

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 472949
Conc: 164.42 ng/ml



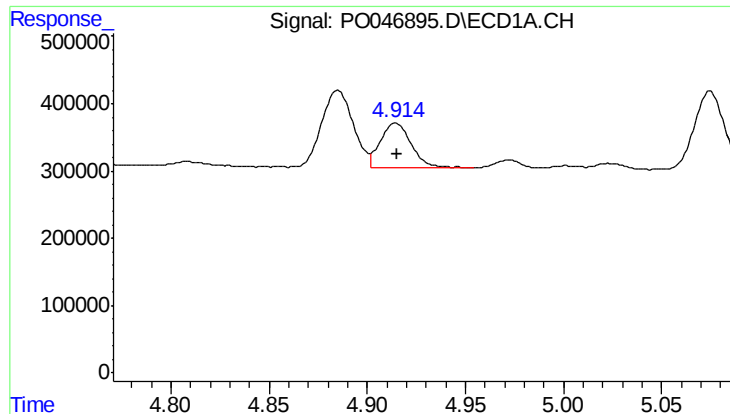
#10 AR-1221-3

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 949559
Conc: 112.46 ng/ml



#10 AR-1221-3

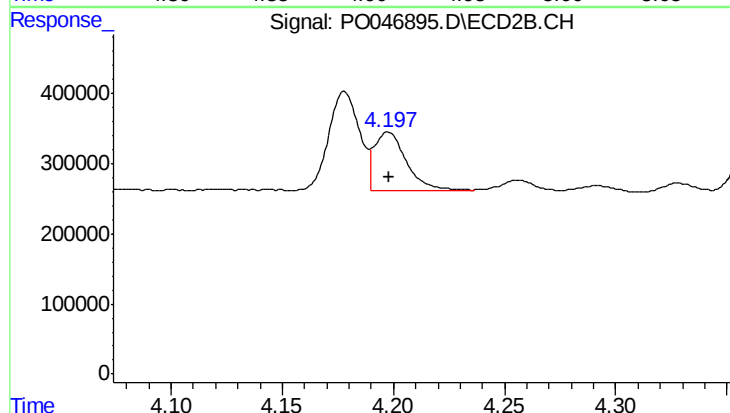
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 947434
Conc: 105.28 ng/ml



#11 AR-1232-1

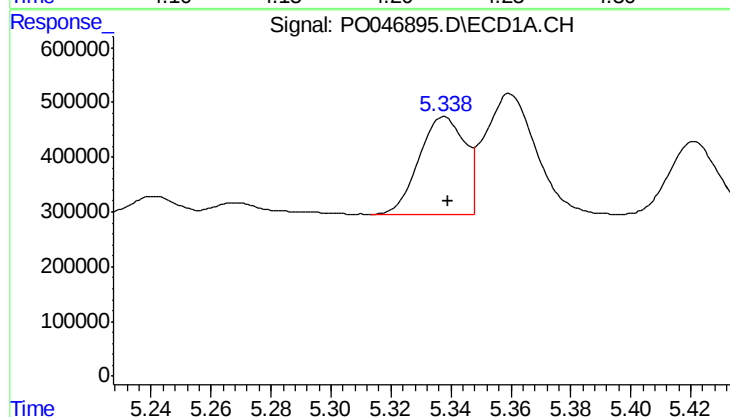
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 719755
Conc: 391.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
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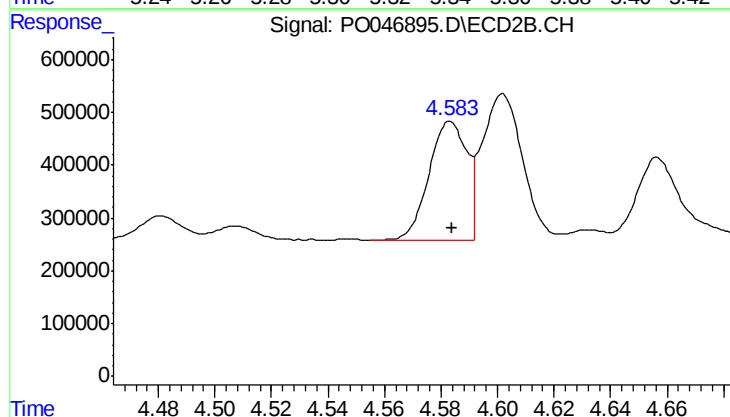
#11 AR-1232-1

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 837780
Conc: 443.78 ng/ml



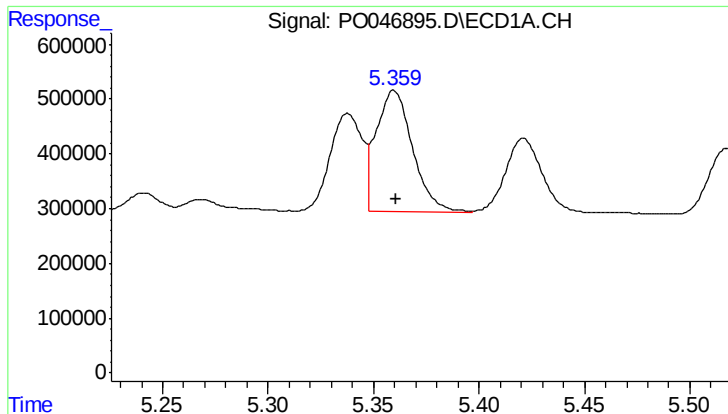
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: -0.001 min
Response: 1882554
Conc: 486.91 ng/ml



#12 AR-1232-2

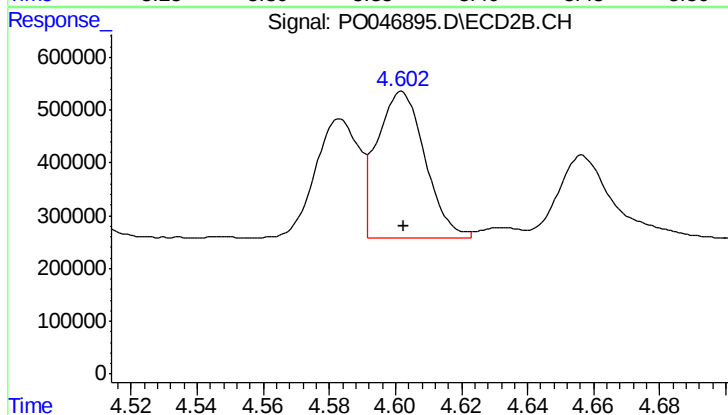
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 2088791
Conc: 469.72 ng/ml



#13 AR-1232-3

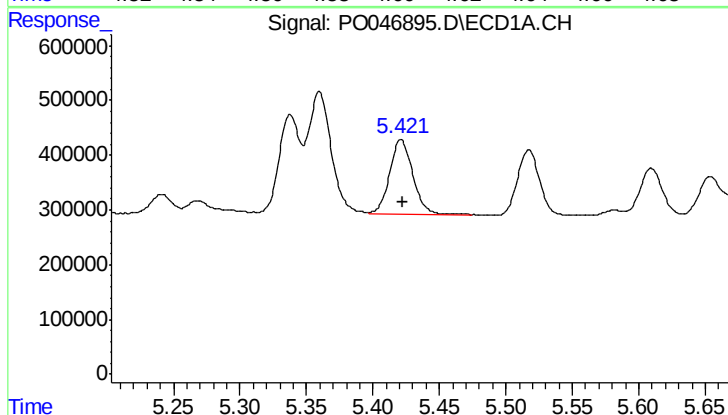
R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 2671549
Conc: 481.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
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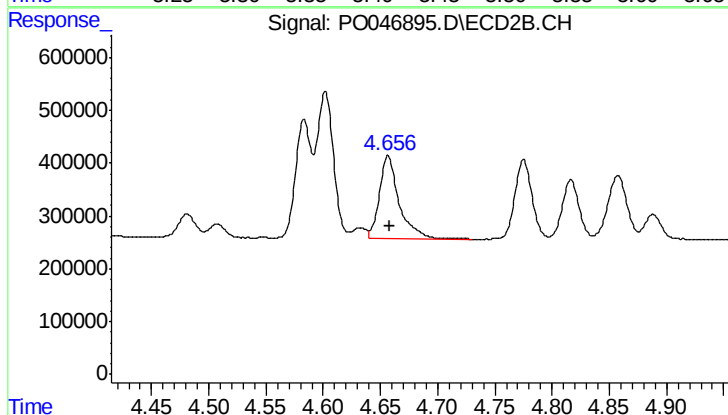
#13 AR-1232-3

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 2802714
Conc: 452.20 ng/ml



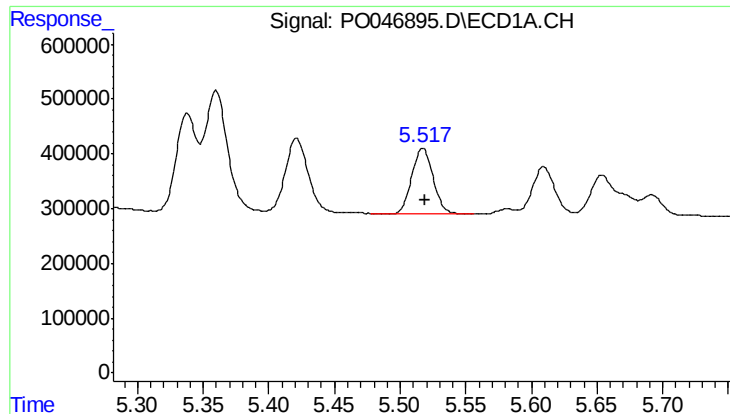
#14 AR-1232-4

R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 1637127
Conc: 475.94 ng/ml



#14 AR-1232-4

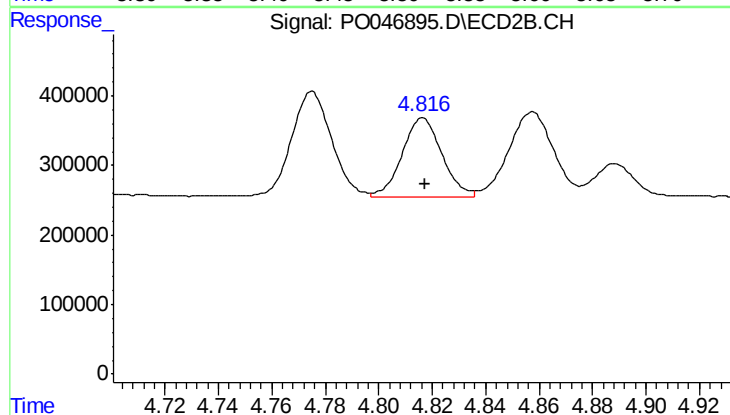
R.T.: 4.657 min
Delta R.T.: -0.001 min
Response: 1915759
Conc: 450.77 ng/ml



#15 AR-1232-5

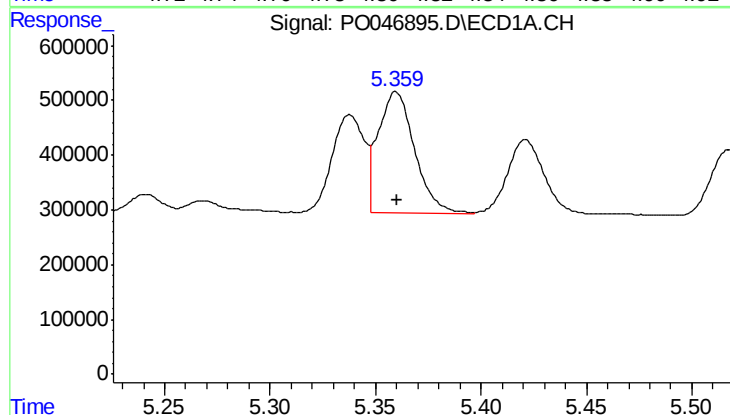
R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 1341484
Conc: 480.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



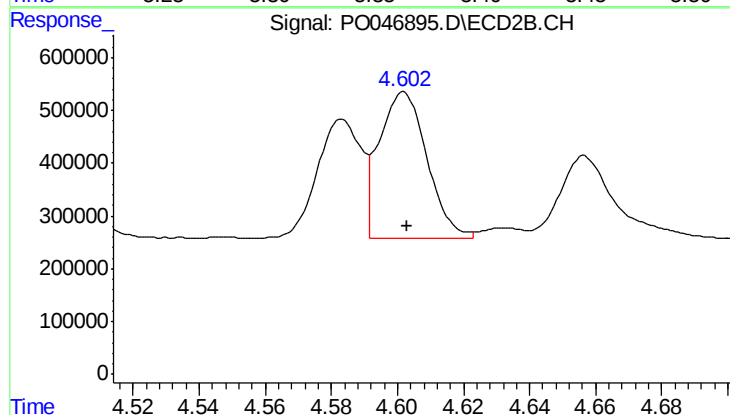
#15 AR-1232-5

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 1154509
Conc: 525.81 ng/ml



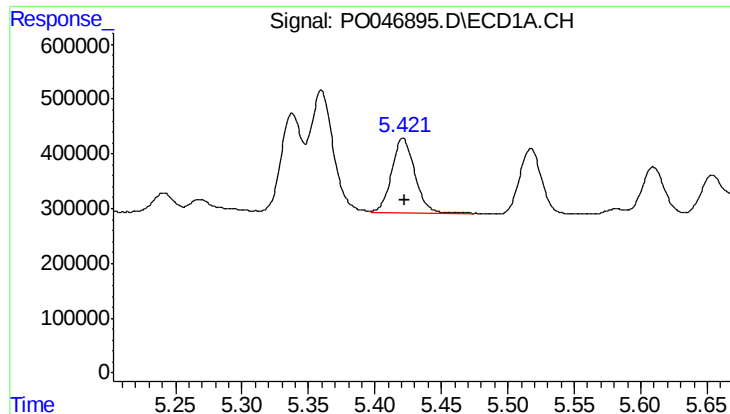
#16 AR-1242-1

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2671549
Conc: 234.47 ng/ml



#16 AR-1242-1

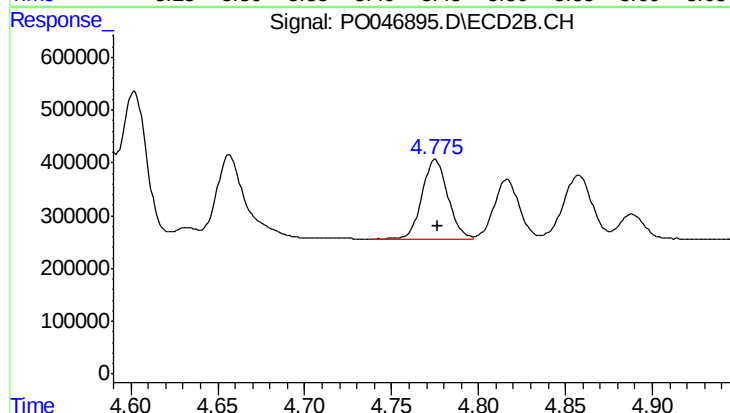
R.T.: 4.602 min
Delta R.T.: -0.001 min
Response: 2802714
Conc: 227.47 ng/ml



#17 AR-1242-2

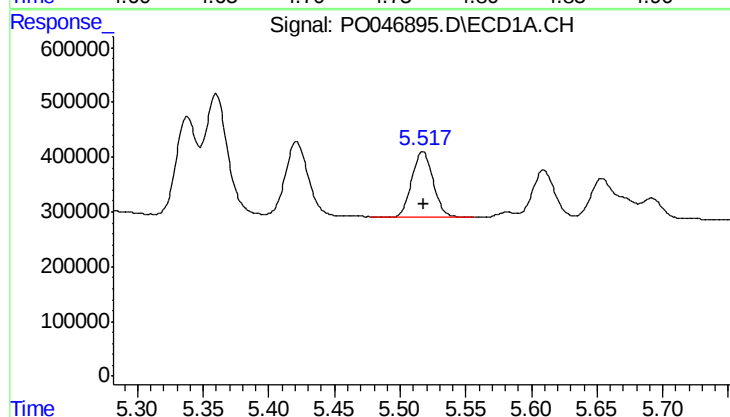
R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 1637127
Conc: 232.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



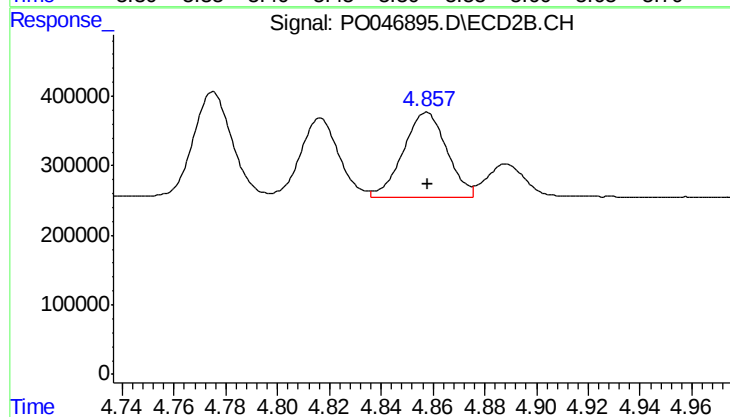
#17 AR-1242-2

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 1570935
Conc: 229.35 ng/ml



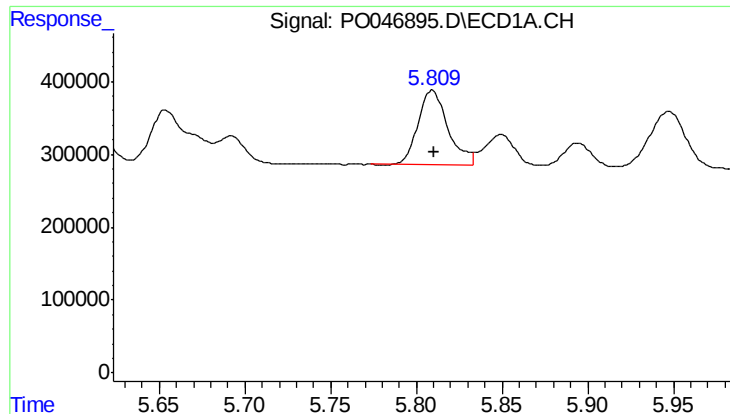
#18 AR-1242-3

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 1341484
Conc: 227.56 ng/ml



#18 AR-1242-3

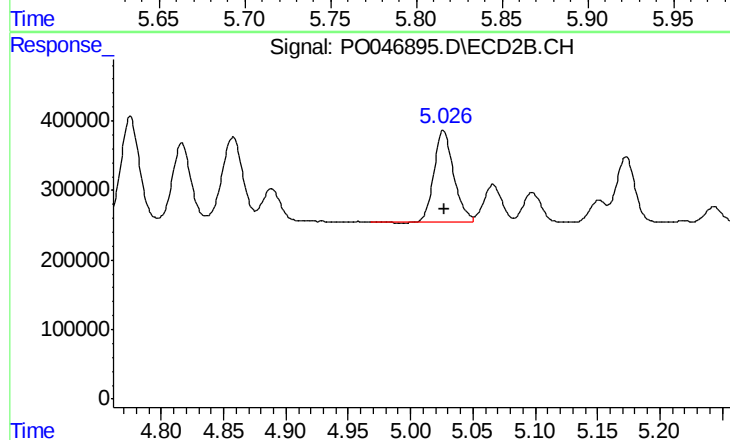
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 1414120
Conc: 224.73 ng/ml



#19 AR-1242-4

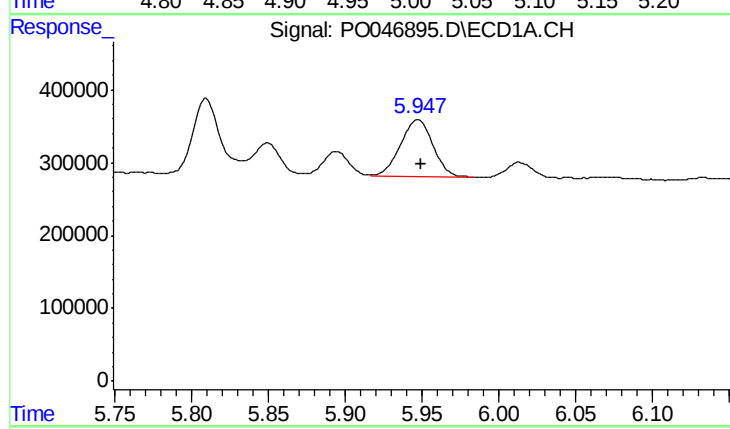
R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 1262359
Conc: 221.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



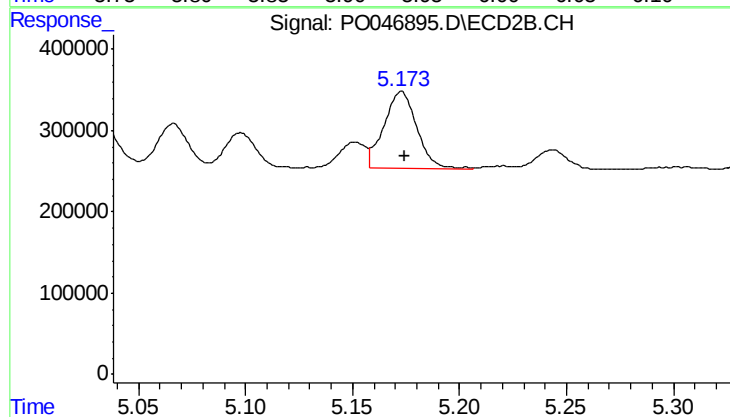
#19 AR-1242-4

R.T.: 5.026 min
Delta R.T.: -0.001 min
Response: 1437591
Conc: 203.28 ng/ml



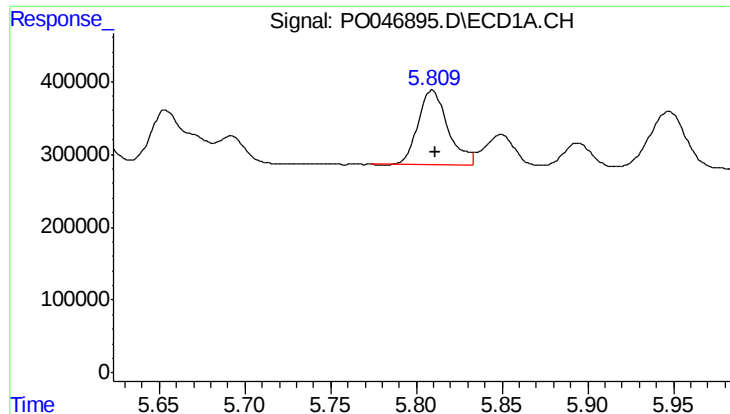
#20 AR-1242-5

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 1143866
Conc: 174.88 ng/ml



#20 AR-1242-5

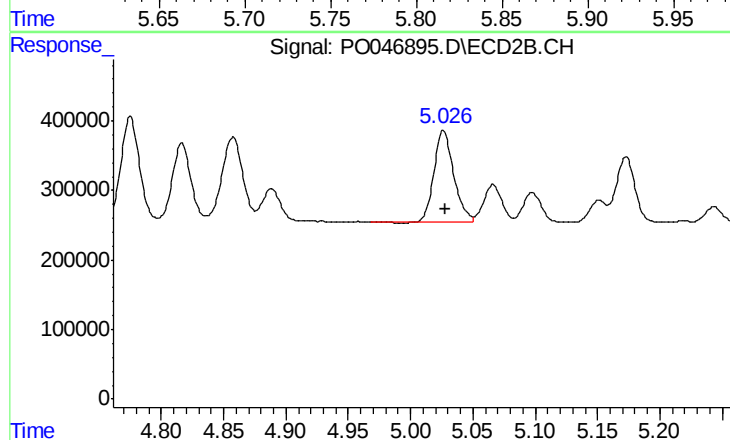
R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 1025279
Conc: 159.60 ng/ml



#21 AR-1248-1

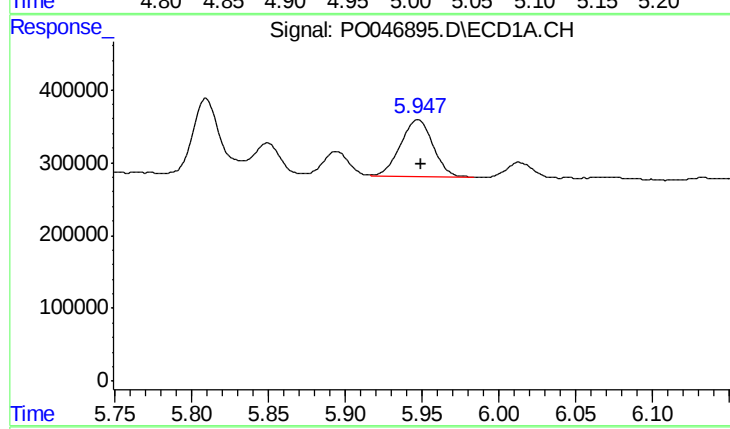
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 1262359
Conc: 139.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



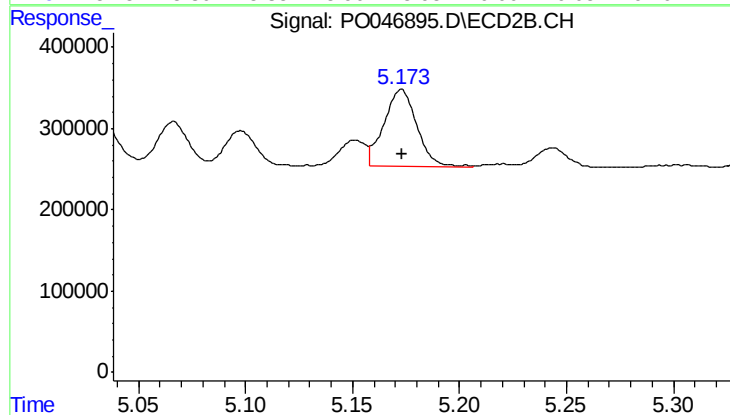
#21 AR-1248-1

R.T.: 5.026 min
Delta R.T.: -0.001 min
Response: 1437591
Conc: 131.71 ng/ml



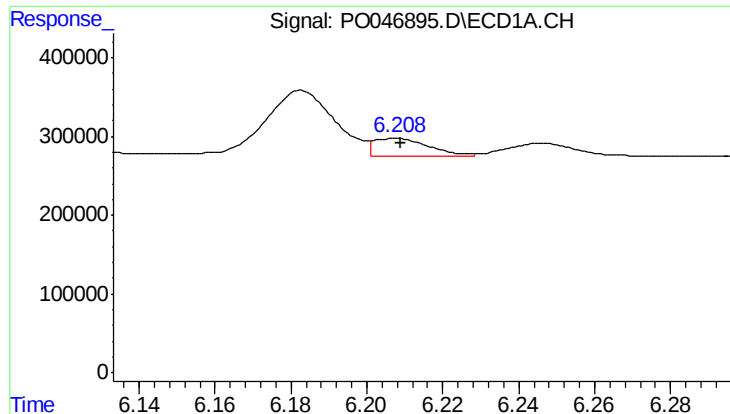
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 1143866
Conc: 140.44 ng/ml



#22 AR-1248-2

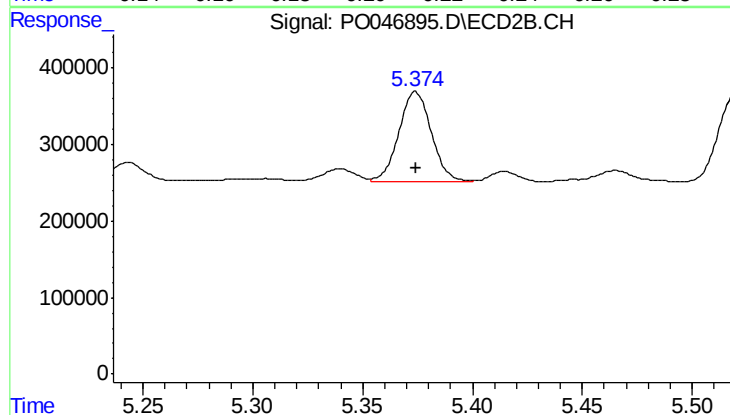
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1025279
Conc: 124.70 ng/ml



#23 AR-1248-3

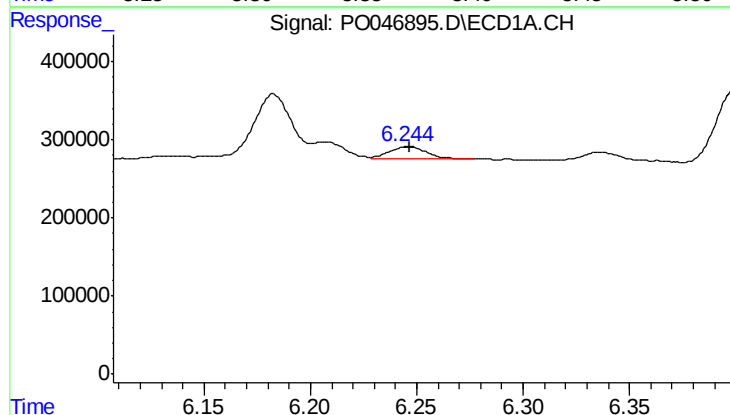
R.T.: 6.208 min
Delta R.T.: -0.001 min
Response: 217754
Conc: 20.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



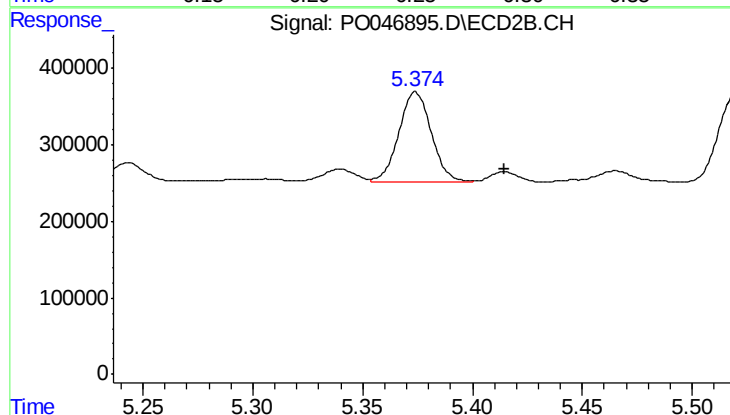
#23 AR-1248-3

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1206865
Conc: 74.60 ng/ml



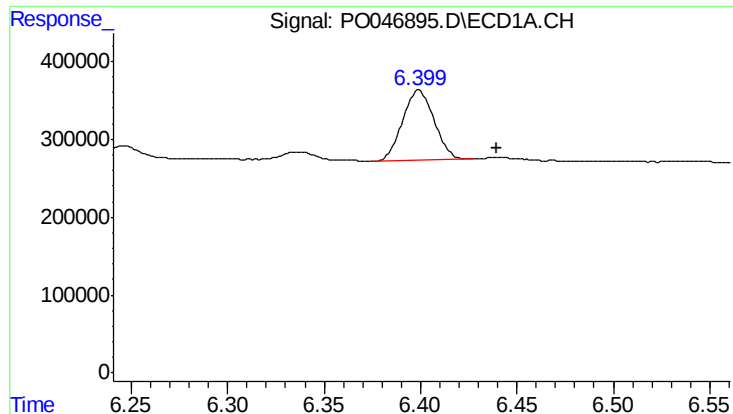
#24 AR-1248-4

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 196856
Conc: 19.33 ng/ml



#24 AR-1248-4

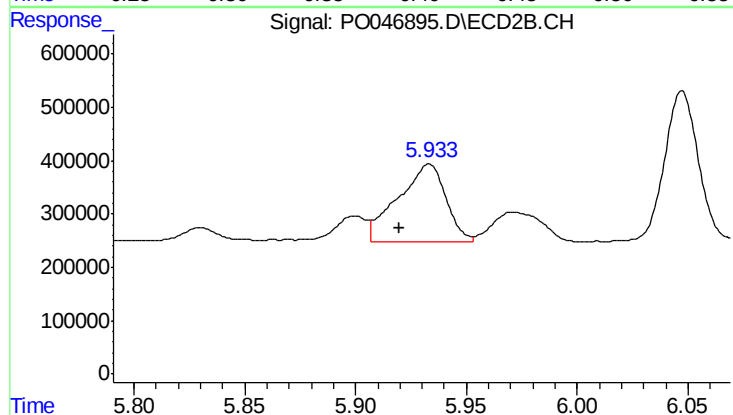
R.T.: 5.374 min
Delta R.T.: -0.041 min
Response: 1206865
Conc: 106.50 ng/ml



#25 AR-1248-5

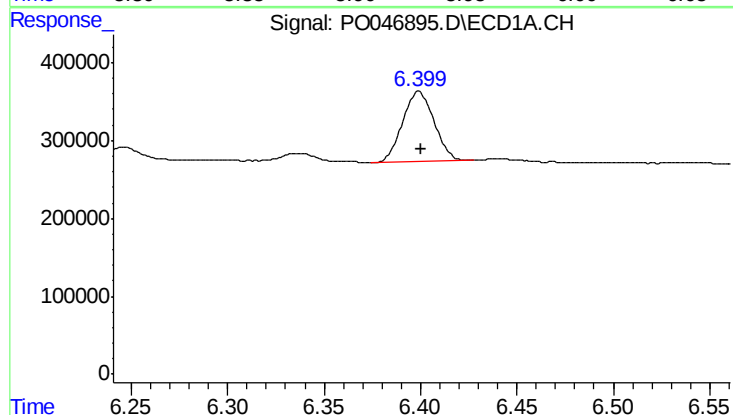
R.T.: 6.399 min
Delta R.T.: -0.041 min
Response: 1025898
Conc: 147.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



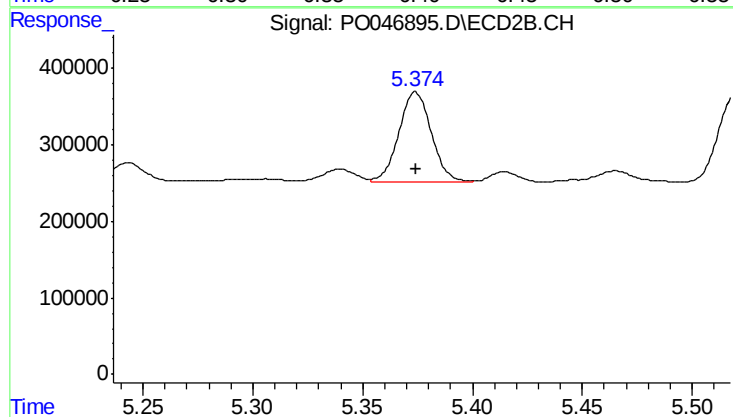
#25 AR-1248-5

R.T.: 5.933 min
Delta R.T.: 0.013 min
Response: 2201293
Conc: 288.83 ng/ml



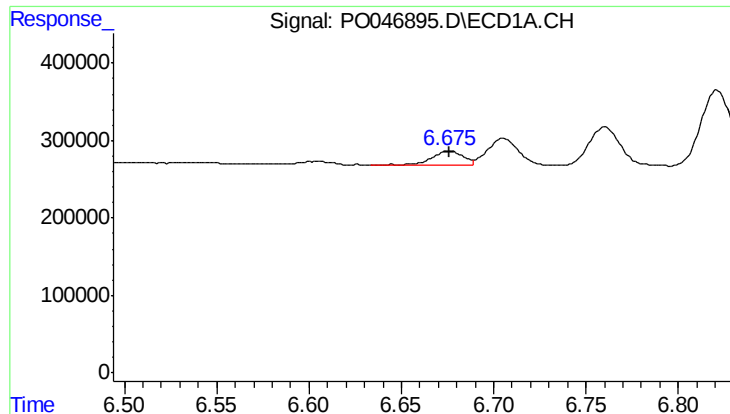
#26 AR-1254-1

R.T.: 6.399 min
Delta R.T.: -0.001 min
Response: 1025898
Conc: 67.91 ng/ml



#26 AR-1254-1

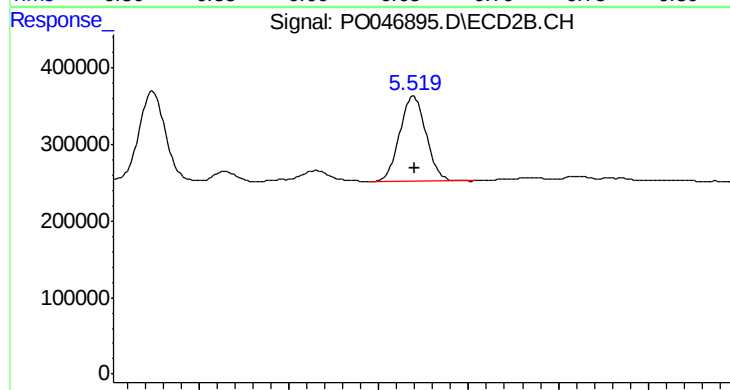
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1206865
Conc: 72.63 ng/ml



#27 AR-1254-2

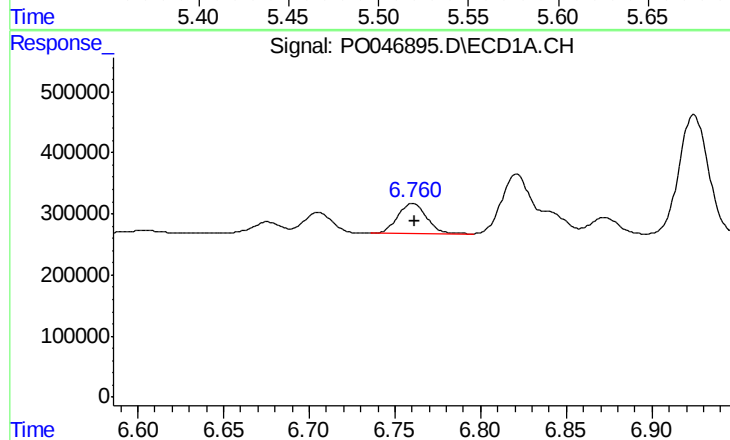
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 211928
Conc: 22.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



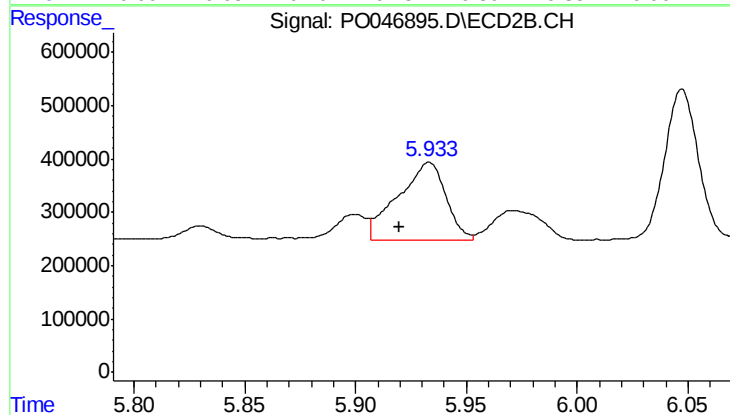
#27 AR-1254-2

R.T.: 5.519 min
Delta R.T.: -0.001 min
Response: 1136601
Conc: 79.89 ng/ml



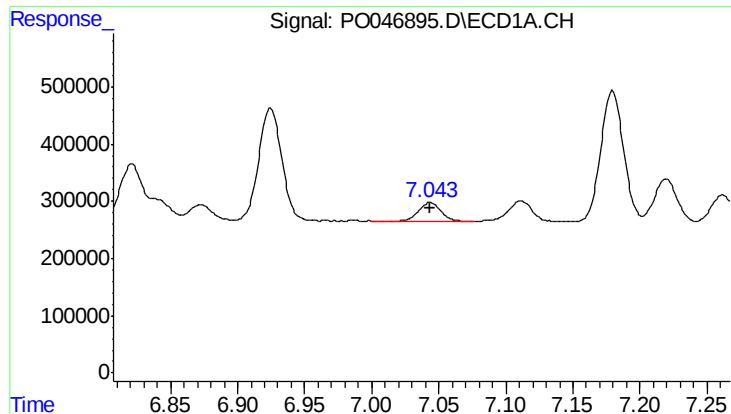
#28 AR-1254-3

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 590901
Conc: 36.12 ng/ml



#28 AR-1254-3

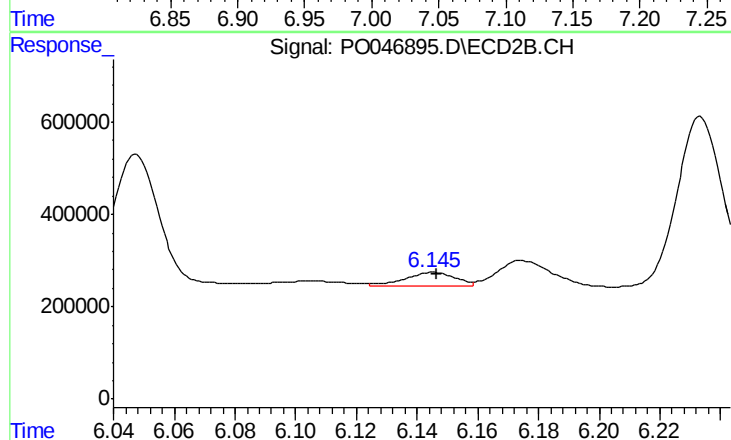
R.T.: 5.933 min
Delta R.T.: 0.014 min
Response: 2201293
Conc: 91.92 ng/ml



#29 AR-1254-4

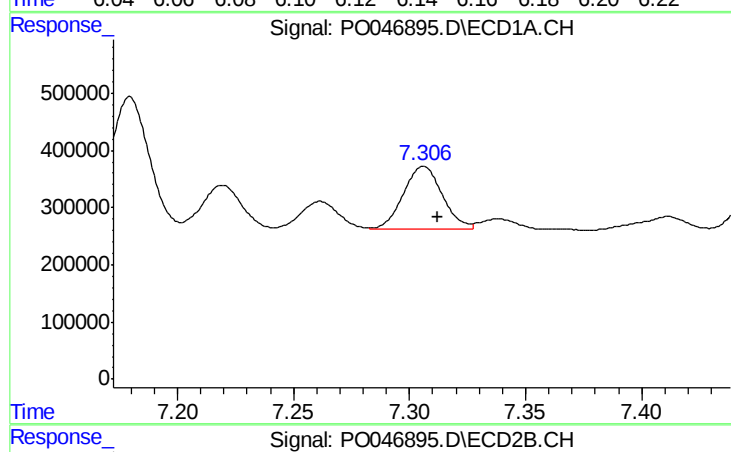
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 372708
Conc: 30.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



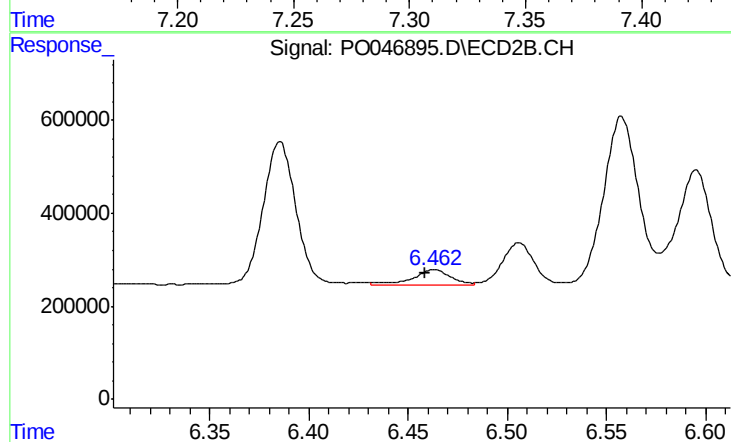
#29 AR-1254-4

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 354251
Conc: 21.62 ng/ml



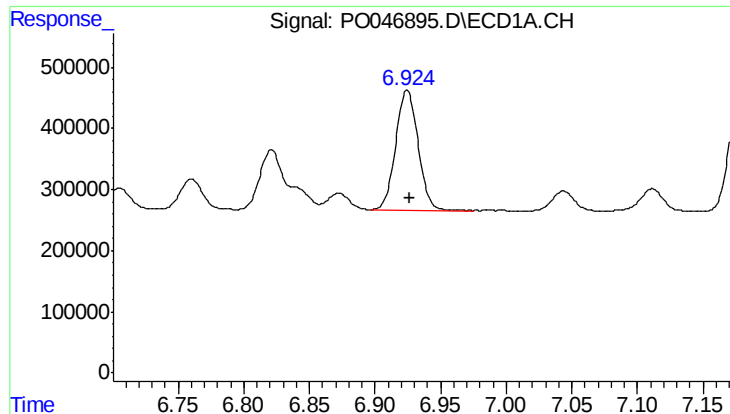
#30 AR-1254-5

R.T.: 7.306 min
Delta R.T.: -0.006 min
Response: 1297713
Conc: 140.08 ng/ml



#30 AR-1254-5

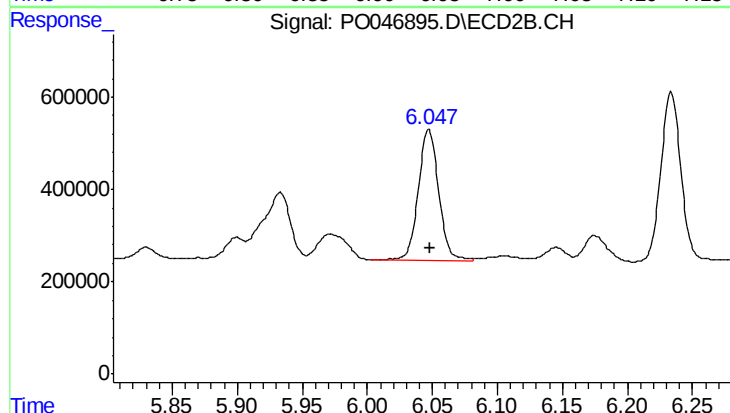
R.T.: 6.463 min
Delta R.T.: 0.005 min
Response: 444489
Conc: 39.13 ng/ml



#31 AR-1260-1

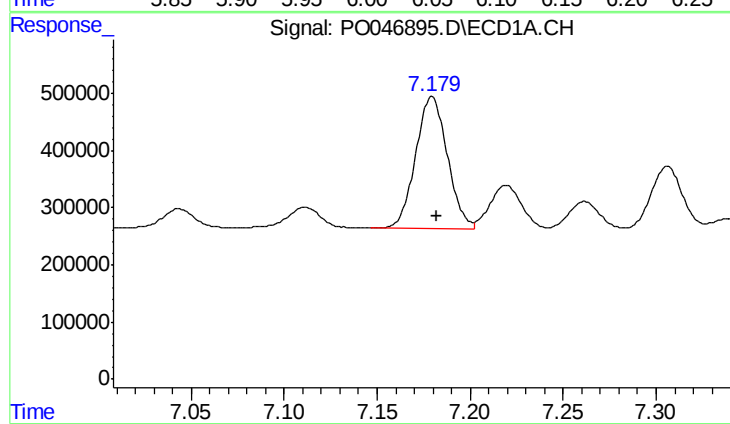
R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 2354581
Conc: 198.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



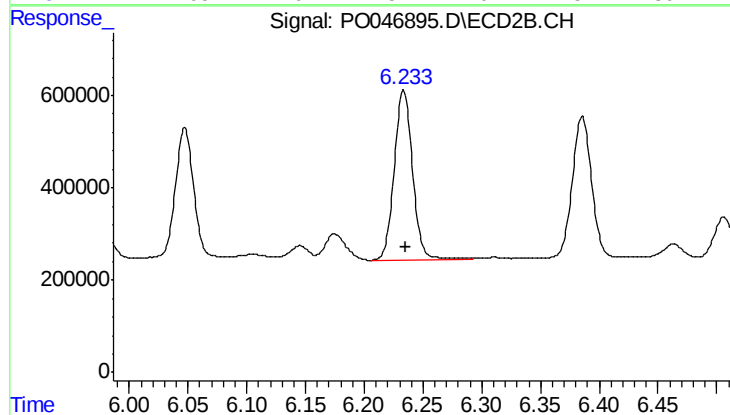
#31 AR-1260-1

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 3131042
Conc: 196.11 ng/ml



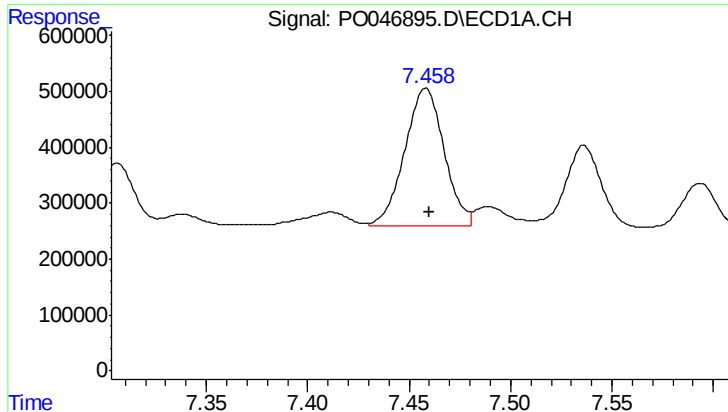
#32 AR-1260-2

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2729889
Conc: 195.25 ng/ml



#32 AR-1260-2

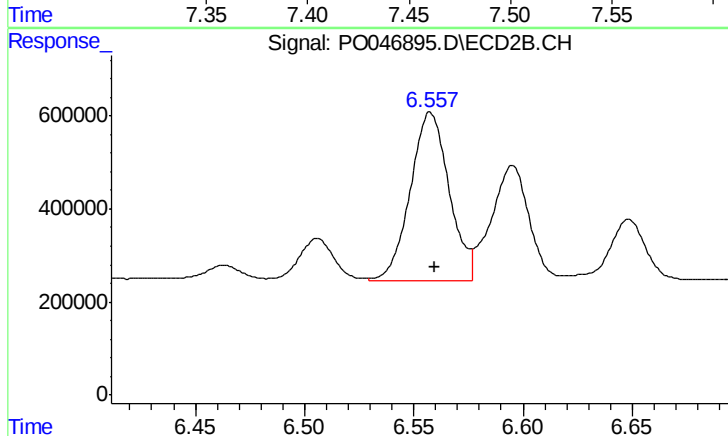
R.T.: 6.234 min
Delta R.T.: -0.002 min
Response: 4033417
Conc: 191.76 ng/ml



#33 AR-1260-3

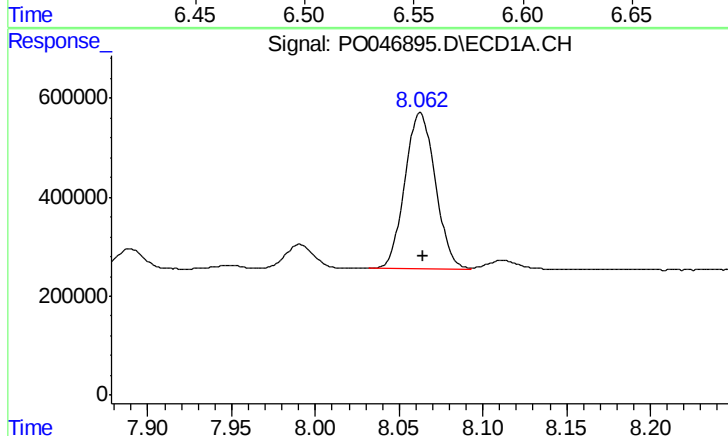
R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 3325660
Conc: 206.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



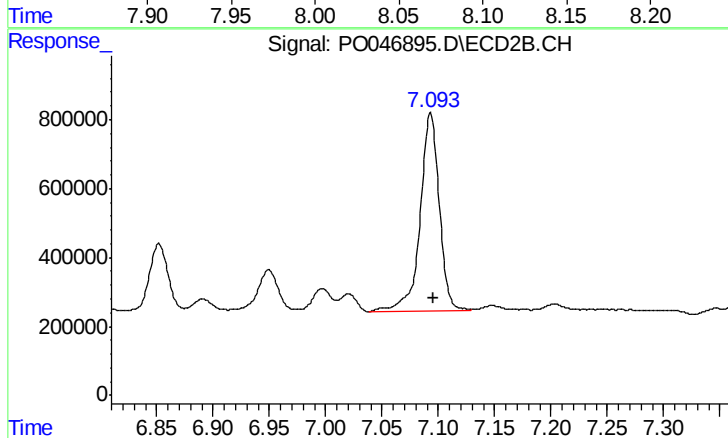
#33 AR-1260-3

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 4460643
Conc: 201.94 ng/ml



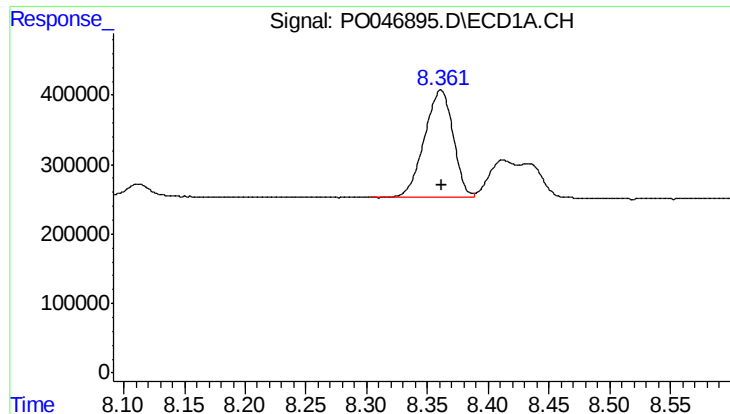
#34 AR-1260-4

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 4003865
Conc: 175.90 ng/ml



#34 AR-1260-4

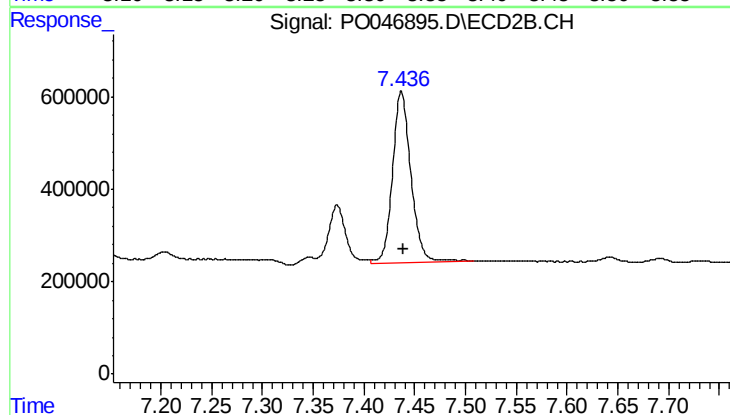
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 6838096
Conc: 184.95 ng/ml



#35 AR-1260-5

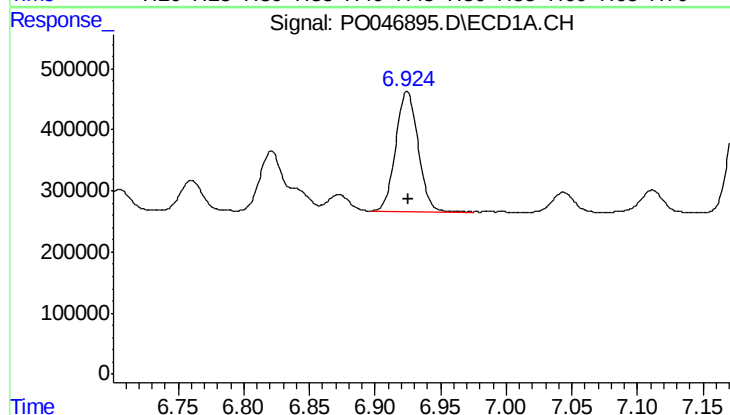
R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 2556828
Conc: 180.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



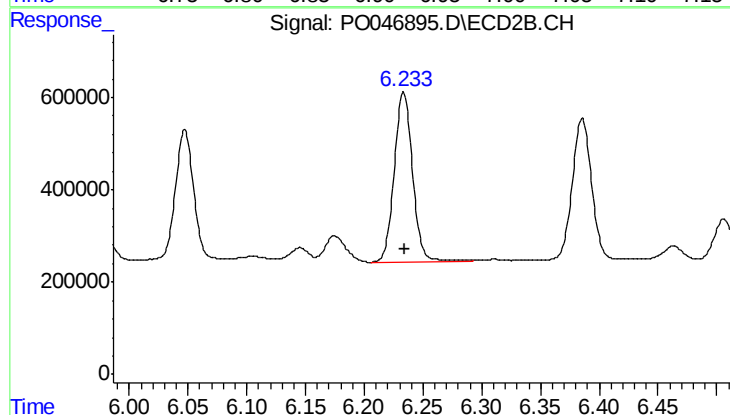
#35 AR-1260-5

R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 4693690
Conc: 185.03 ng/ml



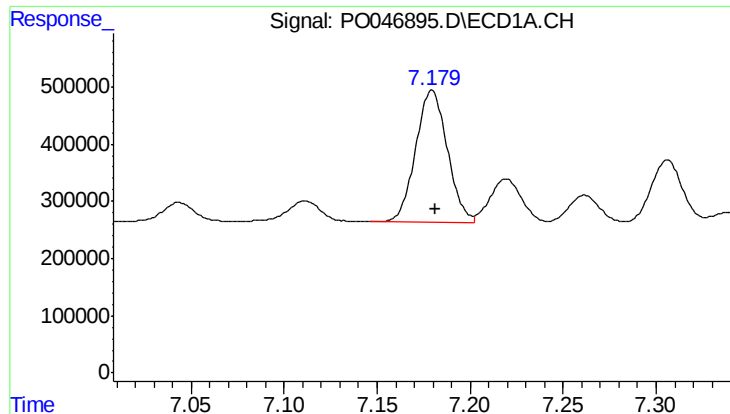
#36 AR-1262-1

R.T.: 6.924 min
Delta R.T.: -0.001 min
Response: 2354581
Conc: 228.86 ng/ml



#36 AR-1262-1

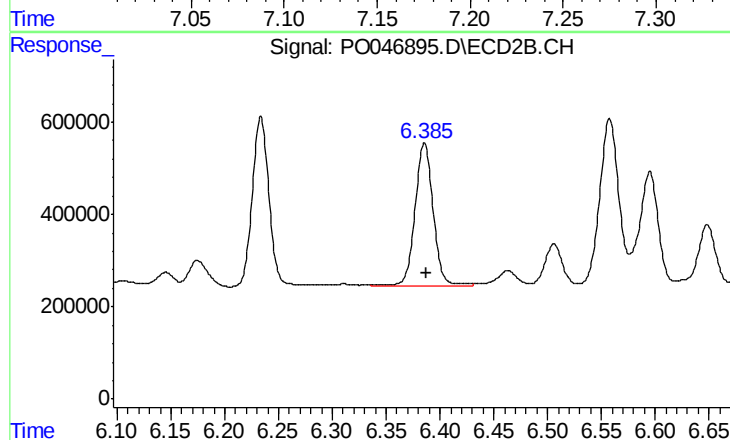
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 4033417
Conc: 228.45 ng/ml



#37 AR-1262-2

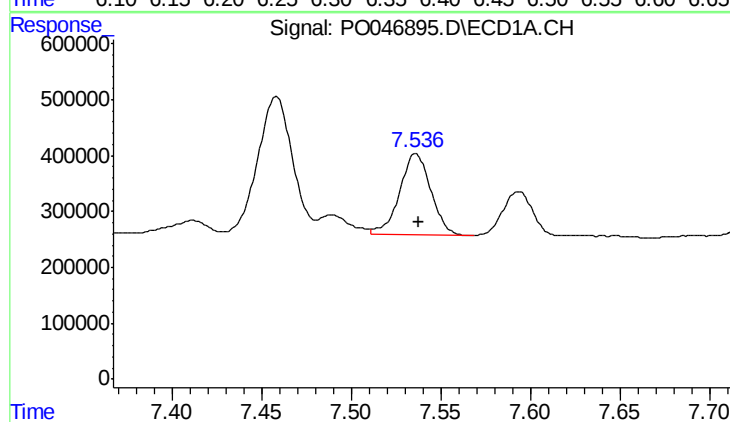
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 2729889
Conc: 228.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



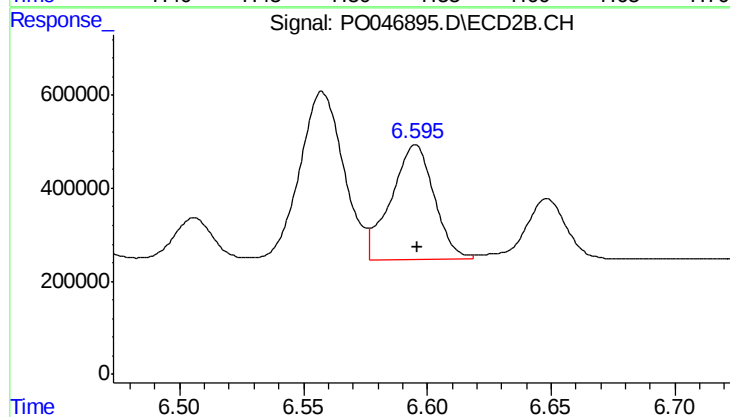
#37 AR-1262-2

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 3683468
Conc: 221.09 ng/ml



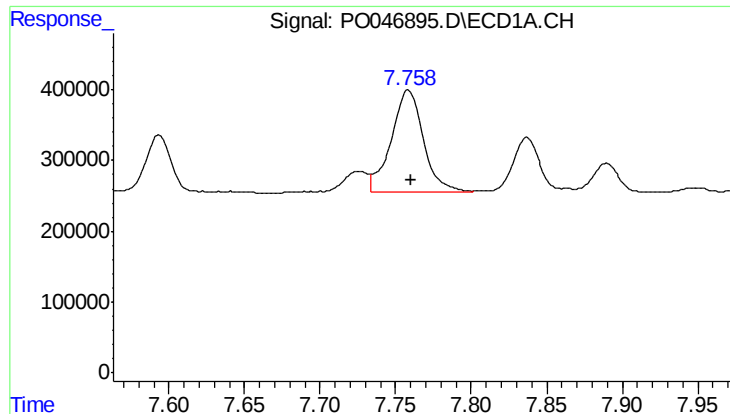
#38 AR-1262-3

R.T.: 7.536 min
Delta R.T.: -0.002 min
Response: 1777187
Conc: 114.82 ng/ml



#38 AR-1262-3

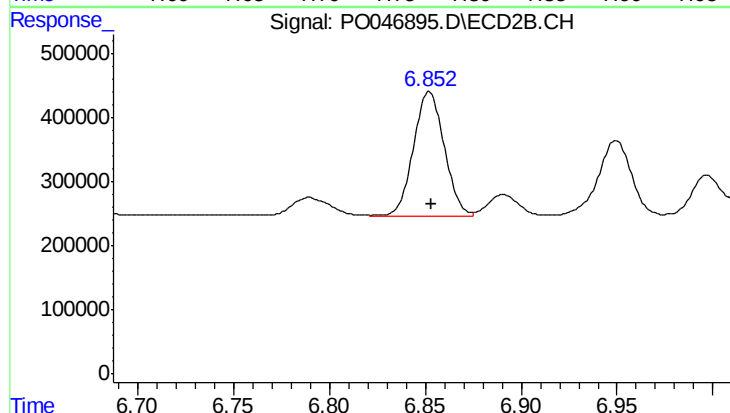
R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 2986553
Conc: 118.61 ng/ml



#39 AR-1262-4

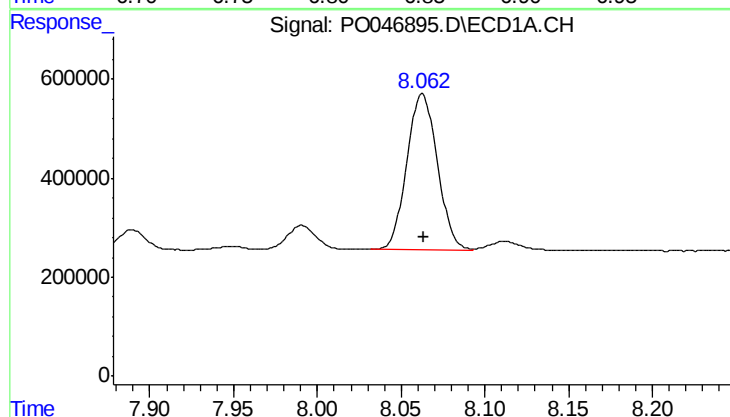
R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 2151879
Conc: 148.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



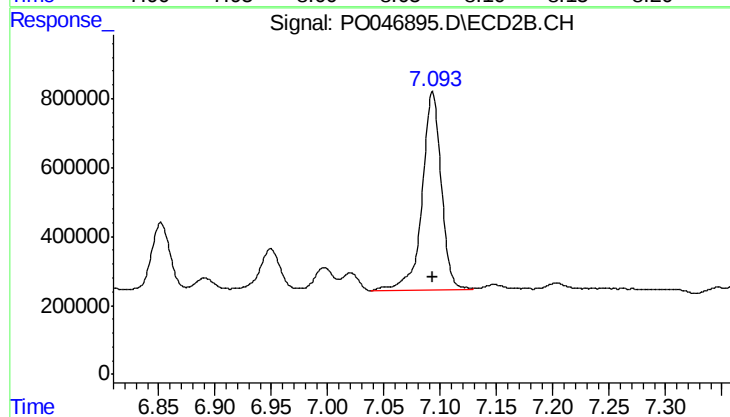
#39 AR-1262-4

R.T.: 6.852 min
Delta R.T.: -0.001 min
Response: 2192123
Conc: 107.57 ng/ml



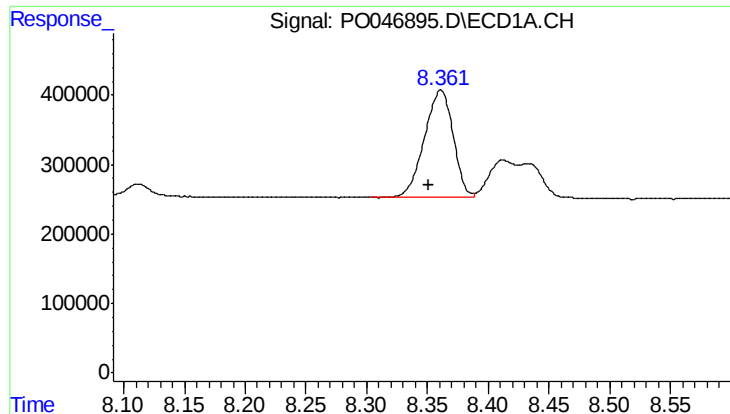
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 4003865
Conc: 147.46 ng/ml



#40 AR-1262-5

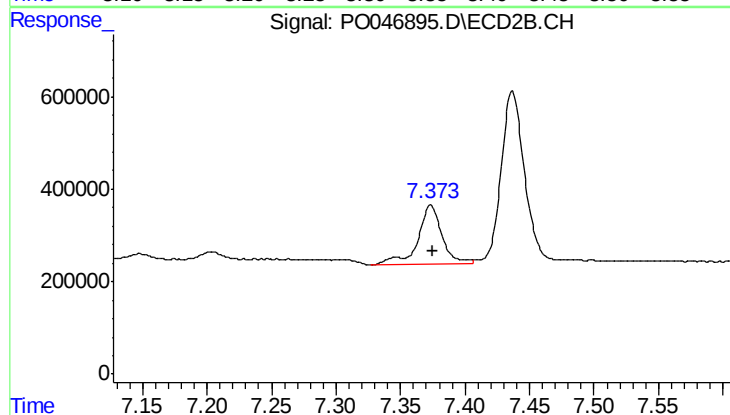
R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 6838096
Conc: 151.73 ng/ml



#41 AR-1268-1

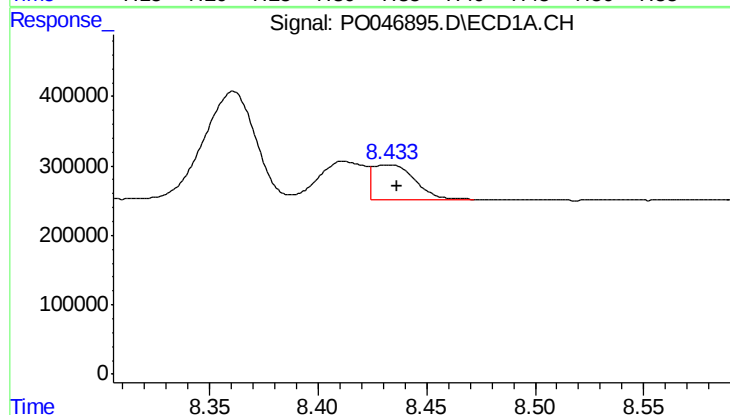
R.T.: 8.361 min
Delta R.T.: 0.010 min
Response: 2556828
Conc: 91.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



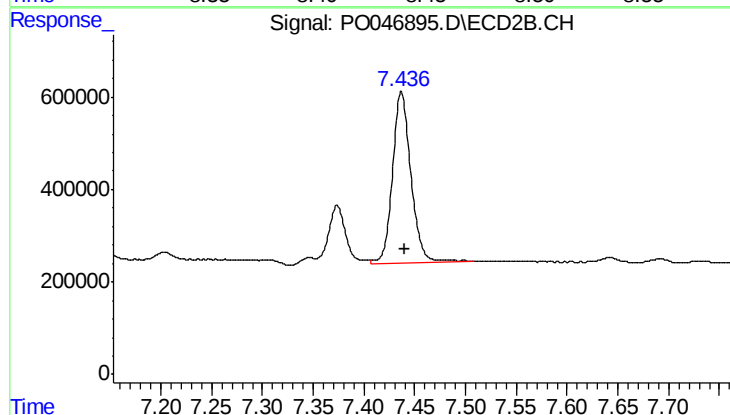
#41 AR-1268-1

R.T.: 7.373 min
Delta R.T.: -0.001 min
Response: 1681896
Conc: 38.67 ng/ml



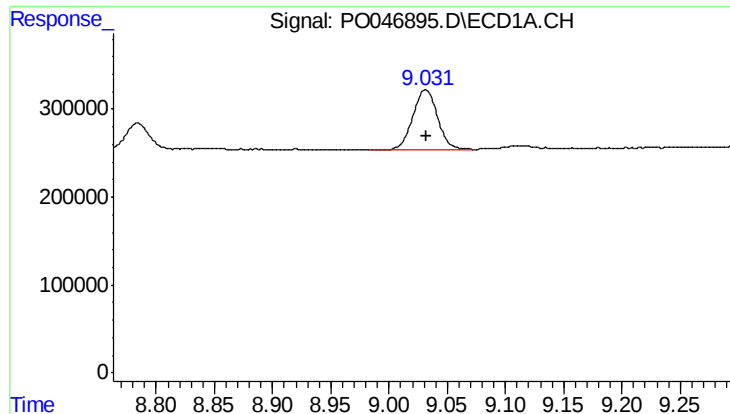
#42 AR-1268-2

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 659466
Conc: 25.34 ng/ml



#42 AR-1268-2

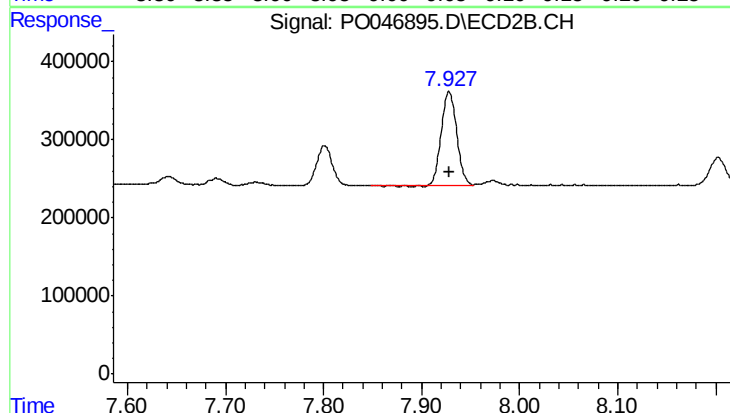
R.T.: 7.437 min
Delta R.T.: -0.003 min
Response: 4693690
Conc: 116.84 ng/ml



#44 AR-1268-4

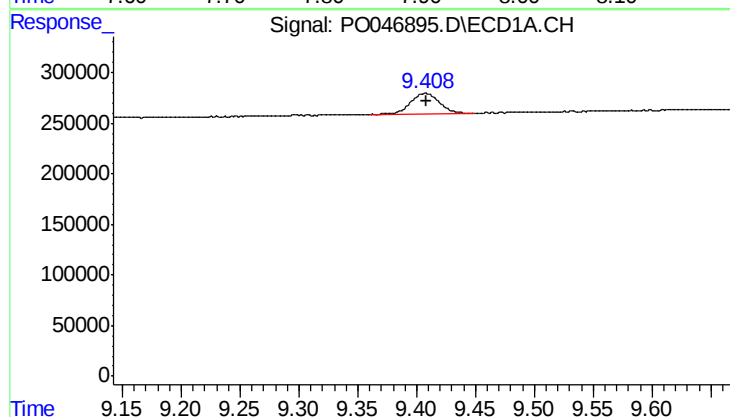
R.T.: 9.031 min
Delta R.T.: 0.000 min
Response: 995869
Conc: 101.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC068-W-180716MSD



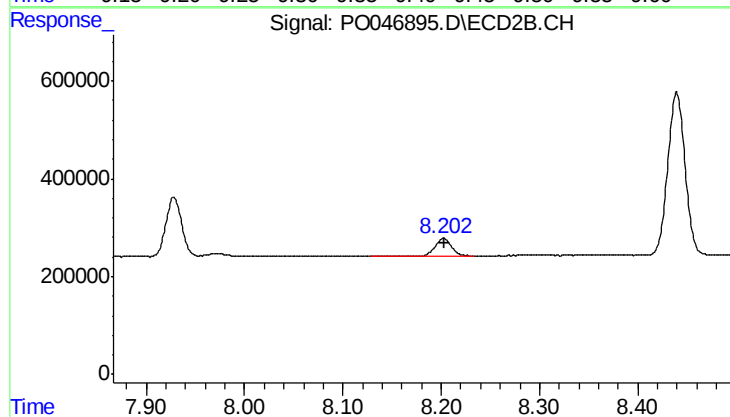
#44 AR-1268-4

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 1290555
Conc: 94.86 ng/ml



#45 AR-1268-5

R.T.: 9.408 min
Delta R.T.: 0.000 min
Response: 347670
Conc: 5.23 ng/ml



#45 AR-1268-5

R.T.: 8.202 min
Delta R.T.: -0.001 min
Response: 416734
Conc: 4.77 ng/ml