

Data Path : P:\HPCHEM1\ECD_0\Data\P0040518\
 Data File : P0043624.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Apr 2018 16:33
 Operator : SM/UA
 Sample : J1760-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SU-03-032918MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 00:50:47 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 04 15:17:57 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...	4.067	3.325	5984205	7273652	33.661	27.071
2) SA Decachlor...	9.409	8.086	4083529	4445885	22.660	18.964
Target Compounds						
3) L1 AR-1016-1	4.926	4.139	1051281	4187874	238.426	614.209 #
4) L1 AR-1016-2	5.267	4.573	2082994	1994019	351.803	342.187
5) L1 AR-1016-3	5.362	4.612	1418932	2833376	293.968	401.612 #
6) L1 AR-1016-4	5.785	4.774	1325253	1772946	236.193	229.659
7) L1 AR-1016-5	6.013	5.110	1395834	2125000	294.173	285.355
8) L2 AR-1221-1	4.262	3.526	323725	443271	99.146	90.627
9) L2 AR-1221-2	4.351	3.608	270759	507142	113.934	144.724 #
10) L2 AR-1221-3	4.423	3.678	1135441	1310076	146.355	116.964
11) L3 AR-1232-1	4.423	3.678	1135441	1310076	285.057	223.574
12) L3 AR-1232-2	5.187	4.363	2587661	6656202	887.638	557.251 #
13) L3 AR-1232-3	5.208	4.418	3631495	4025869	756.675	774.368
14) L3 AR-1232-4	5.267	4.529	2082994	2227323	742.306	551.470 #
15) L3 AR-1232-5	5.362	4.573	1418932	1994019	640.576	679.336
16) L4 AR-1242-1	4.744	4.139	1443041	4187874	418.974	713.107 #
17) L4 AR-1242-2	5.208	4.363	3631495	6656202	454.643	323.430 #
18) L4 AR-1242-3	5.362	4.529	1418932	2227323	368.012	351.273
19) L4 AR-1242-4	5.646	4.612	1731513	2833376	437.998	464.041
20) L4 AR-1242-5	5.785	4.774	1325253	1772946	286.865	275.689
21) L5 AR-1248-1	5.646	4.774	1731513	1772946	246.543	153.425 #
22) L5 AR-1248-2	5.785	4.913	1325253	1958706	214.342	184.732
23) L5 AR-1248-3	6.037	5.110	542661	2125000	62.256	121.065 #
24) L5 AR-1248-4	6.037	5.150	542661	601911	60.550	42.918 #
25) L5 AR-1248-5	6.279	5.651	1092601	3390480	194.036	347.858 #
26) L6 AR-1254-1	6.224	5.110	1799601	2125000	120.004	97.646
27) L6 AR-1254-2	6.486	5.253	1528392	2236228	160.972	115.375 #
28) L6 AR-1254-3	6.582	5.651	1279728	3390480	77.544	107.094 #
29) L6 AR-1254-4	6.858	5.862	524982	581528	38.539	23.565 #
30) L6 AR-1254-5	7.117	6.166	1437813	431162	147.406	29.752 #
31) L7 AR-1260-1	6.740	5.764	2723459	4039608	270.329	241.694
32) L7 AR-1260-2	6.990	5.950	3375568	4860989	263.093	229.724
33) L7 AR-1260-3	7.343	6.264	2217904	4628454	219.362	210.189
34) L7 AR-1260-4	7.864	6.793	4711902	6501987	227.738	176.016
35) L7 AR-1260-5	8.148	7.127	3011850	4291665	240.576	166.888 #
36) L8 AR-1262-1	6.740	5.950	2723459	4860989	283.345	223.430
37) L8 AR-1262-2	6.990	6.093	3375568	3805430	275.624	188.532 #
38) L8 AR-1262-3	7.267	6.299	3818642	3347042	338.962	96.085 #

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 Sample : J1760-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

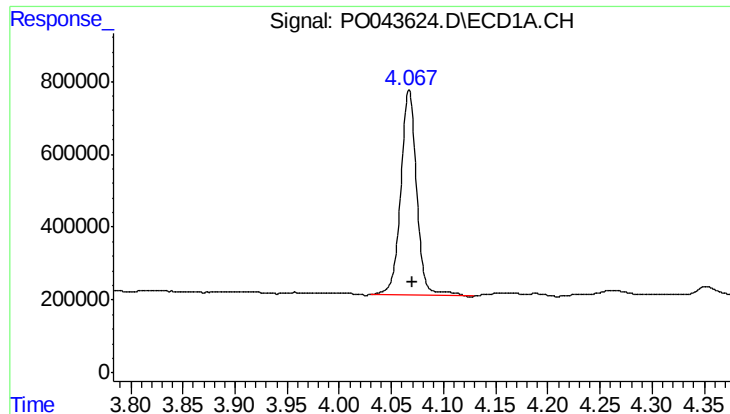
Instrument :
 ECD_O
 ClientSampleId :
 SU-03-032918MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	7.564	6.550	2371148	2530427	158.512	93.308	#
40)	L8 AR-1262-5	7.864	6.793	4711902	6501987	154.829	111.509	#
41)	L9 AR-1268-1	8.148	7.063	3011850	1320689	95.669	22.676	#
42)	L9 AR-1268-2	8.215	7.127	615004	4291665	22.078	82.231	#
44)	L9 AR-1268-4	8.778	7.616	1189763	1173264	120.598	71.722	#
45)	L9 AR-1268-5	9.127	7.878	375268	356385	5.454	3.223	#

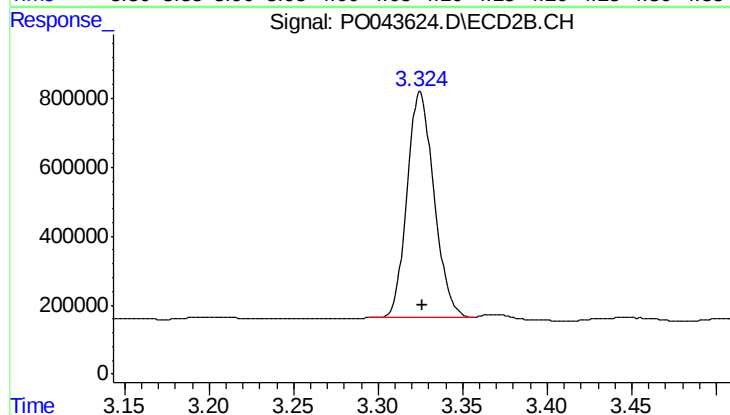
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

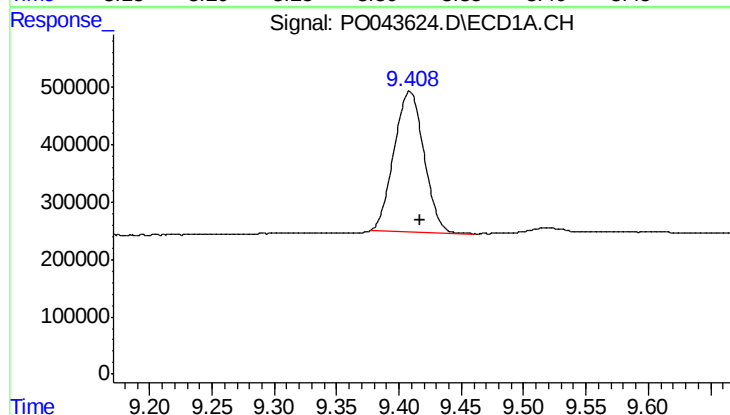
R.T.: 4.067 min
Delta R.T.: -0.002 min
Response: 5984205
Conc: 33.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



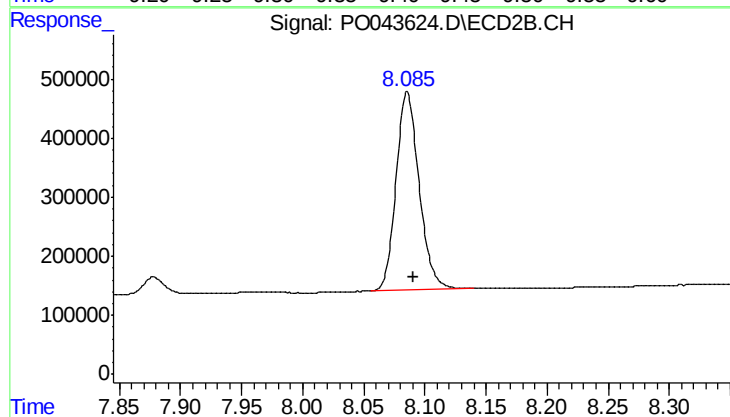
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.001 min
Response: 7273652
Conc: 27.07 ng/ml



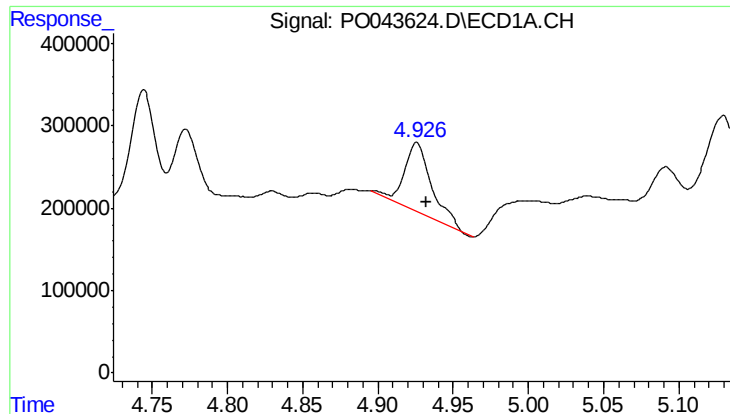
#2 Decachlorobiphenyl

R.T.: 9.409 min
Delta R.T.: -0.008 min
Response: 4083529
Conc: 22.66 ng/ml



#2 Decachlorobiphenyl

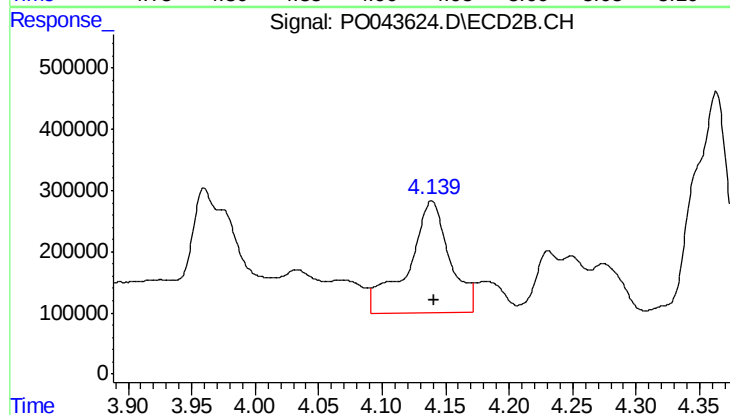
R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 4445885
Conc: 18.96 ng/ml



#3 AR-1016-1

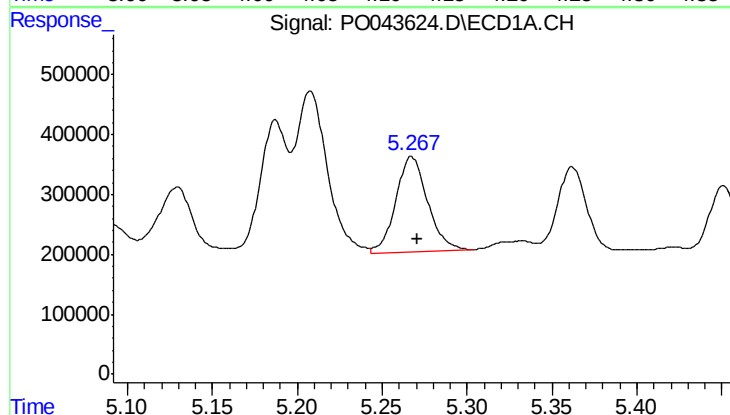
R.T.: 4.926 min
Delta R.T.: -0.006 min
Response: 1051281
Conc: 238.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



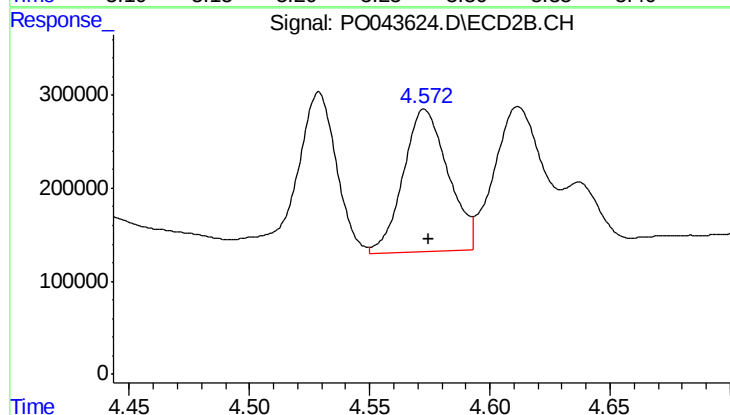
#3 AR-1016-1

R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 4187874
Conc: 614.21 ng/ml



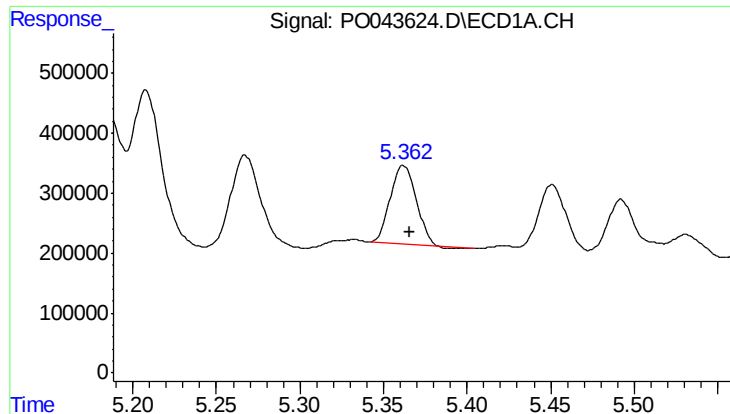
#4 AR-1016-2

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 2082994
Conc: 351.80 ng/ml



#4 AR-1016-2

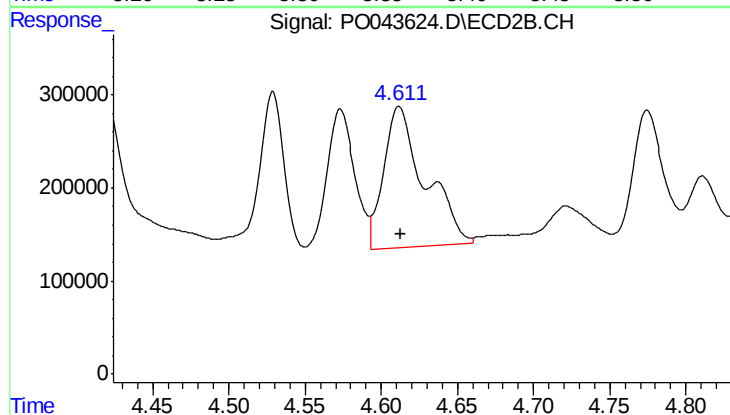
R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 1994019
Conc: 342.19 ng/ml



#5 AR-1016-3

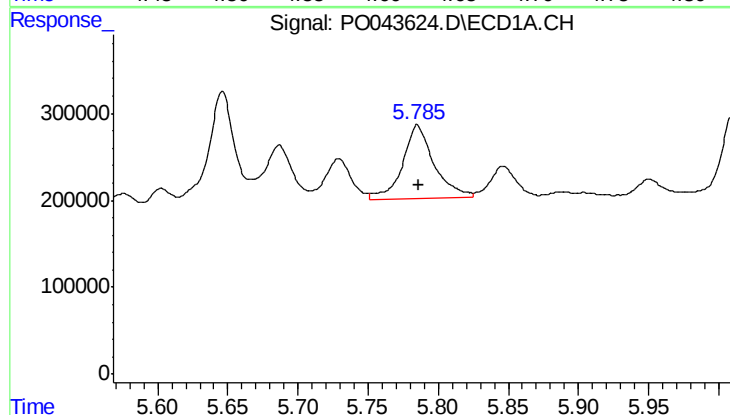
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 1418932
Conc: 293.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



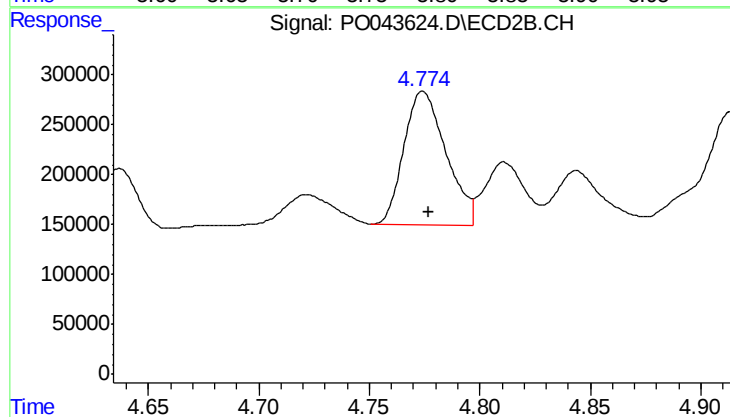
#5 AR-1016-3

R.T.: 4.612 min
Delta R.T.: -0.001 min
Response: 2833376
Conc: 401.61 ng/ml



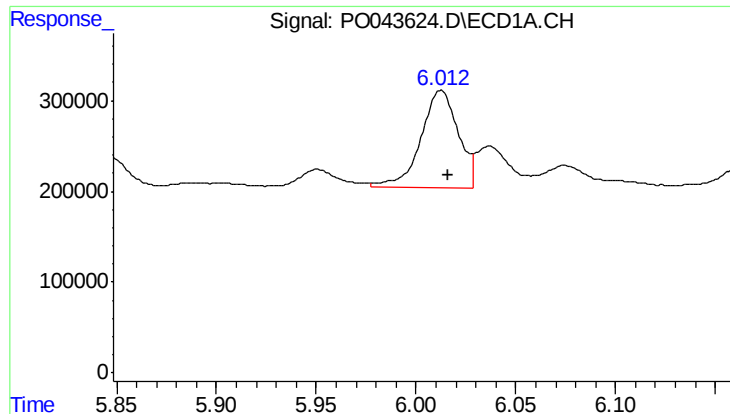
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 1325253
Conc: 236.19 ng/ml



#6 AR-1016-4

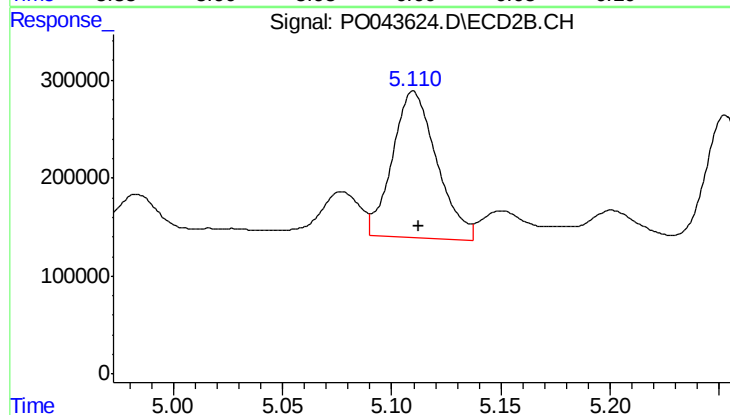
R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 1772946
Conc: 229.66 ng/ml



#7 AR-1016-5

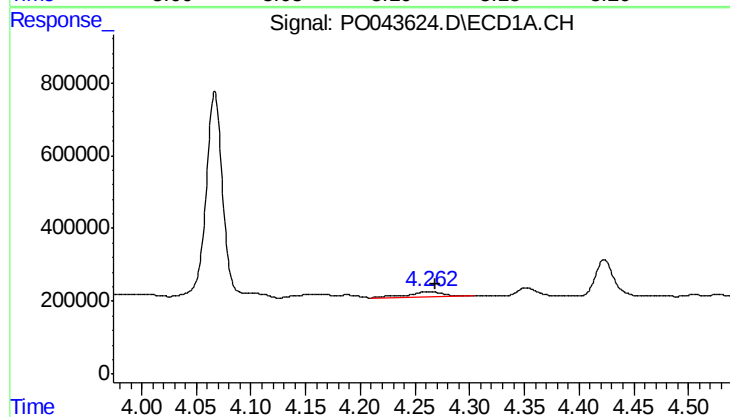
R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 1395834
Conc: 294.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



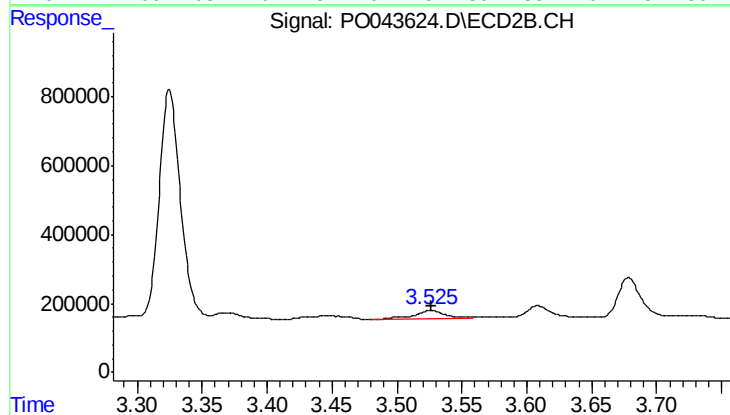
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 2125000
Conc: 285.36 ng/ml



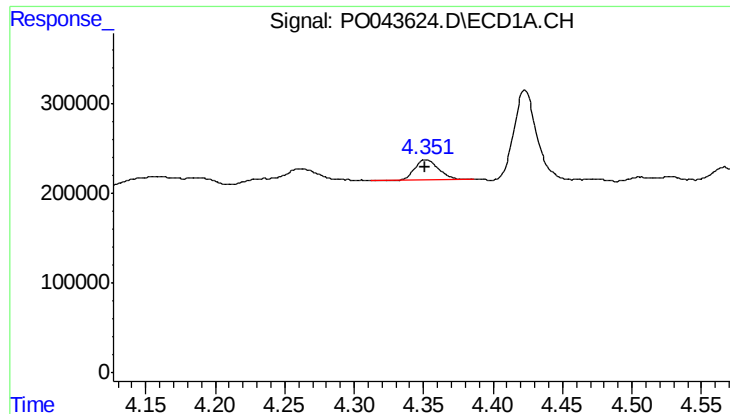
#8 AR-1221-1

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 323725
Conc: 99.15 ng/ml



#8 AR-1221-1

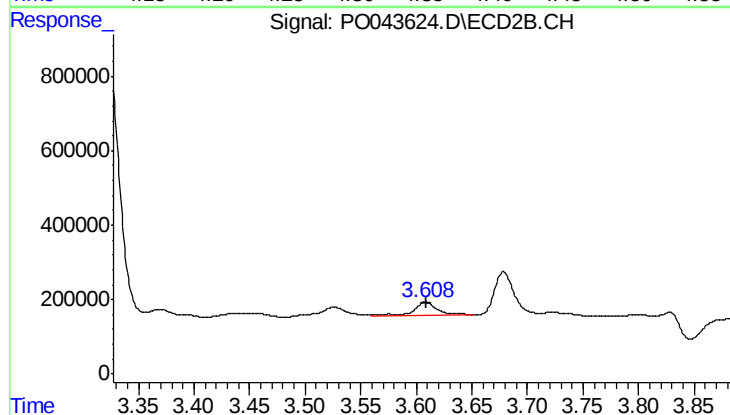
R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 443271
Conc: 90.63 ng/ml



#9 AR-1221-2

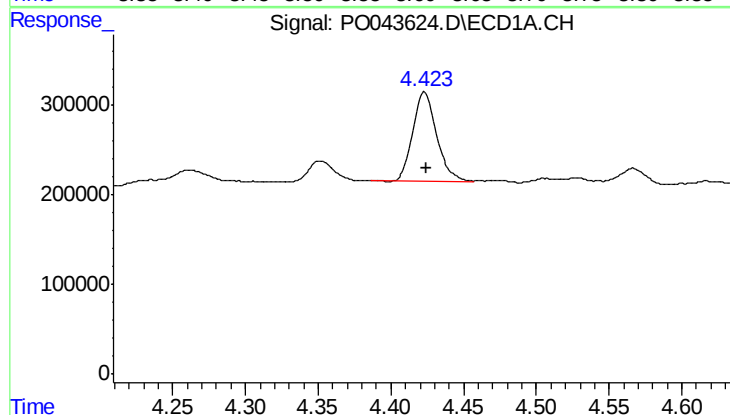
R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 270759
Conc: 113.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



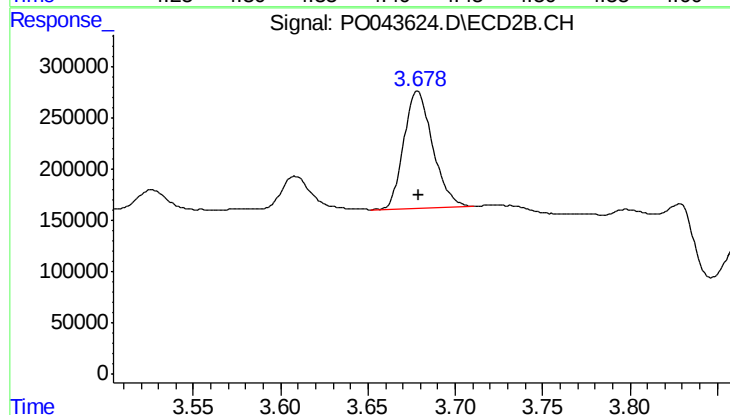
#9 AR-1221-2

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 507142
Conc: 144.72 ng/ml



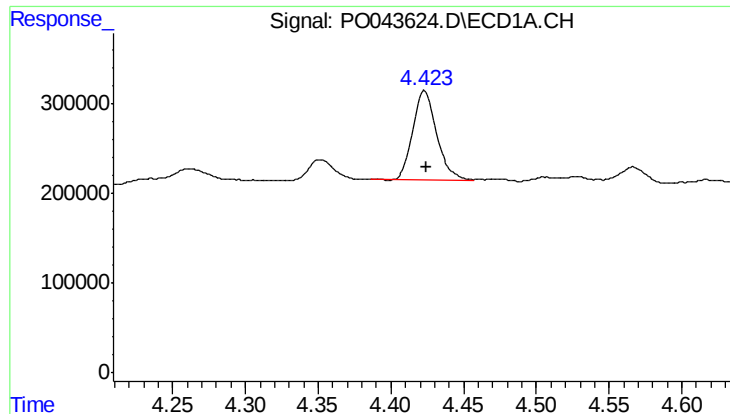
#10 AR-1221-3

R.T.: 4.423 min
Delta R.T.: -0.001 min
Response: 1135441
Conc: 146.35 ng/ml



#10 AR-1221-3

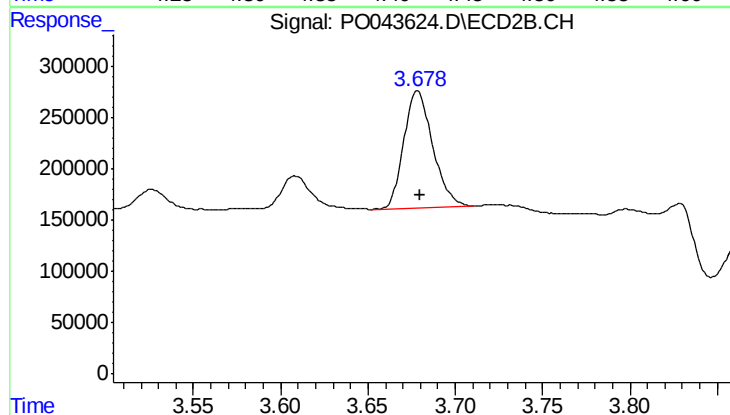
R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 1310076
Conc: 116.96 ng/ml



#11 AR-1232-1

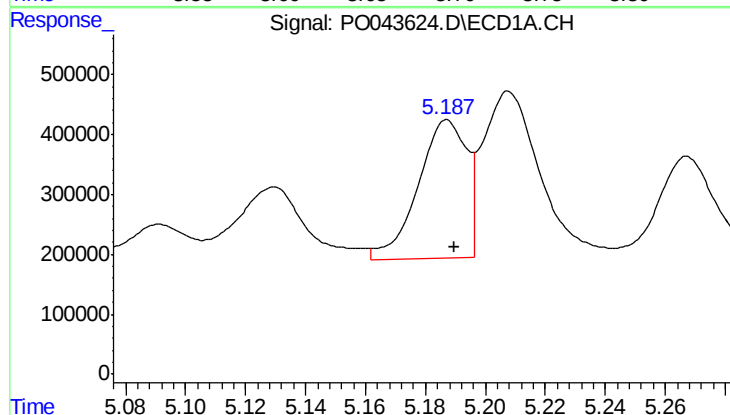
R.T.: 4.423 min
Delta R.T.: -0.002 min
Response: 1135441
Conc: 285.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



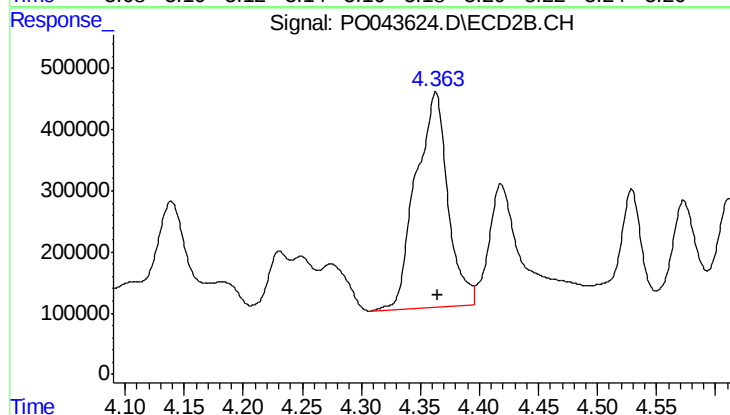
#11 AR-1232-1

R.T.: 3.678 min
Delta R.T.: -0.001 min
Response: 1310076
Conc: 223.57 ng/ml



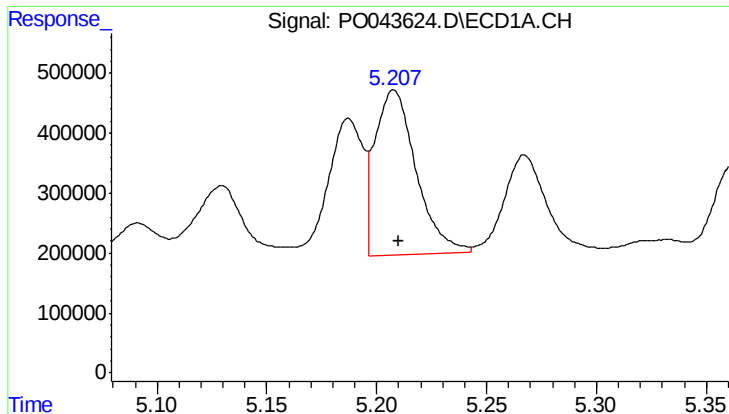
#12 AR-1232-2

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 2587661
Conc: 887.64 ng/ml



#12 AR-1232-2

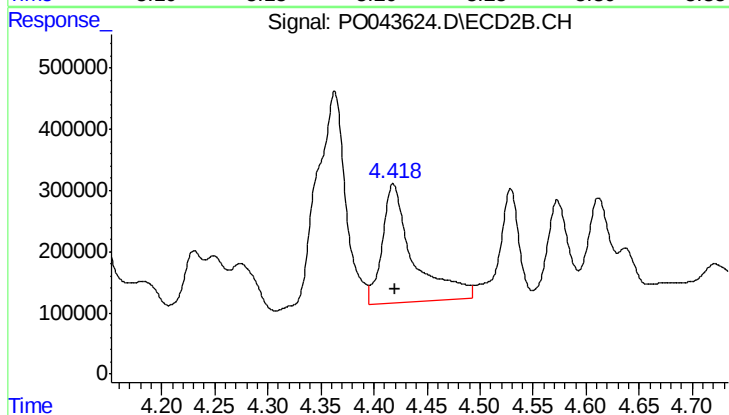
R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 6656202
Conc: 557.25 ng/ml



#13 AR-1232-3

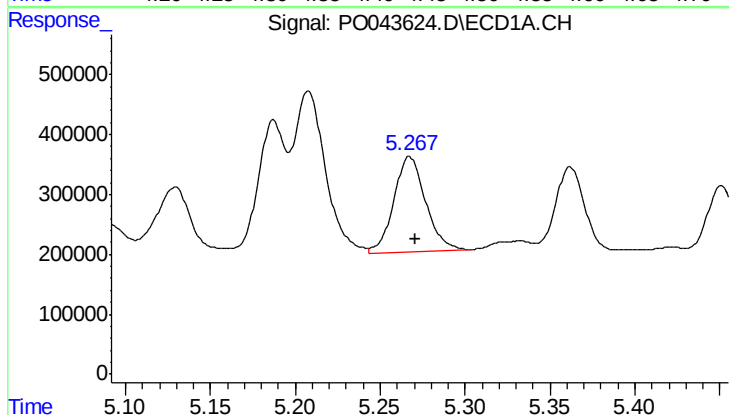
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 3631495
Conc: 756.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



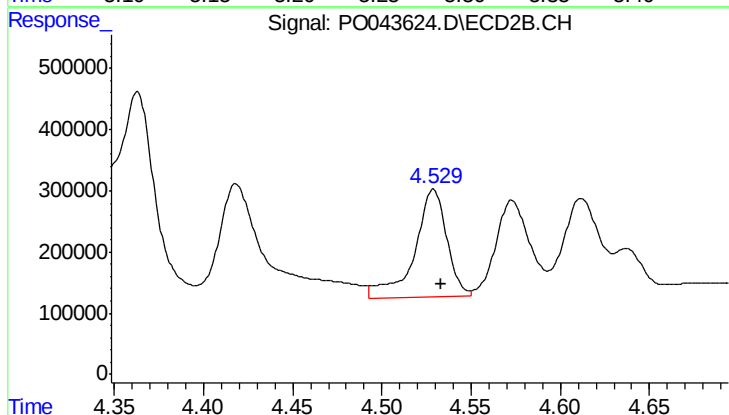
#13 AR-1232-3

R.T.: 4.418 min
Delta R.T.: -0.002 min
Response: 4025869
Conc: 774.37 ng/ml



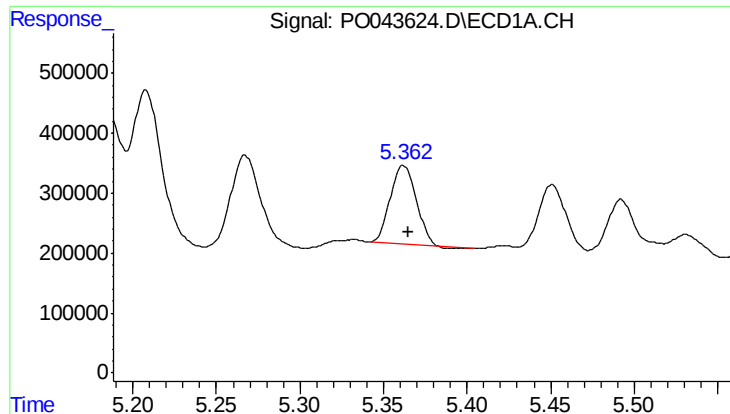
#14 AR-1232-4

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 2082994
Conc: 742.31 ng/ml



#14 AR-1232-4

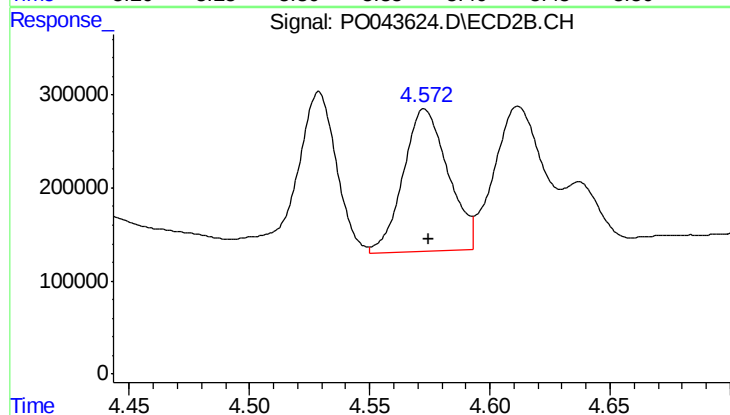
R.T.: 4.529 min
Delta R.T.: -0.004 min
Response: 2227323
Conc: 551.47 ng/ml



#15 AR-1232-5

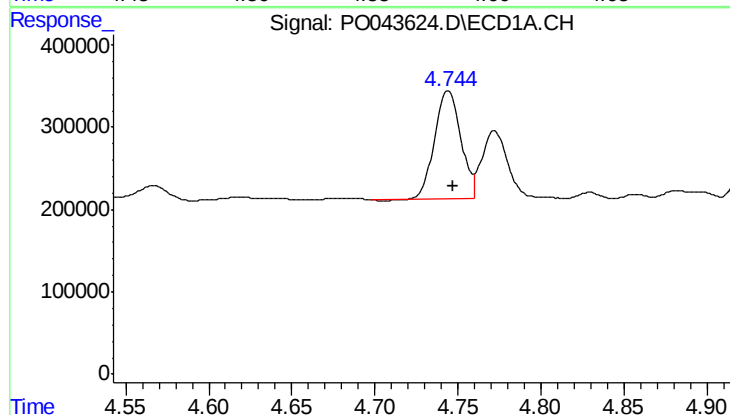
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 1418932
Conc: 640.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



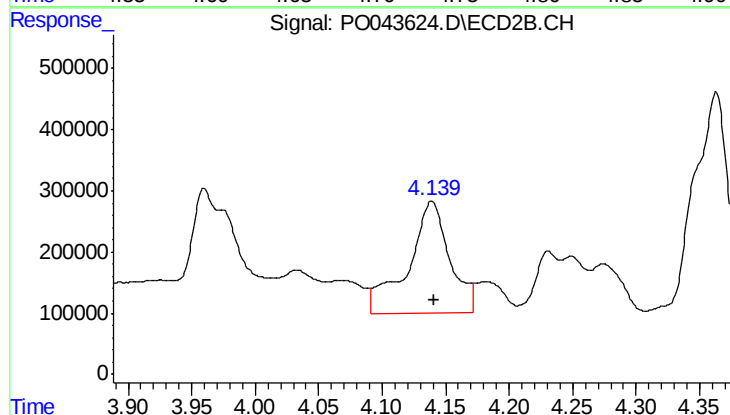
#15 AR-1232-5

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 1994019
Conc: 679.34 ng/ml



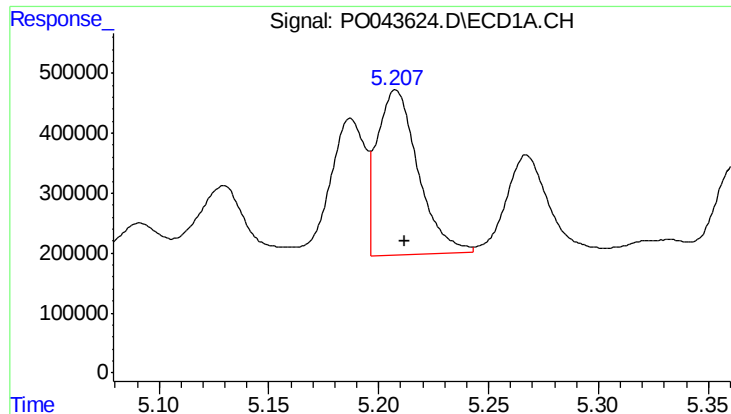
#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: -0.003 min
Response: 1443041
Conc: 418.97 ng/ml



#16 AR-1242-1

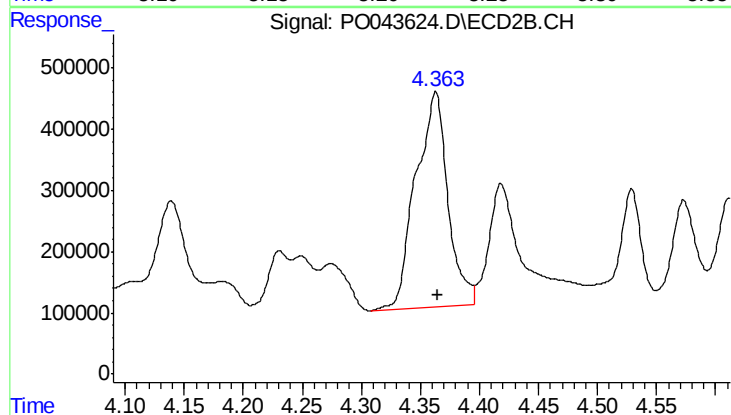
R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 4187874
Conc: 713.11 ng/ml



#17 AR-1242-2

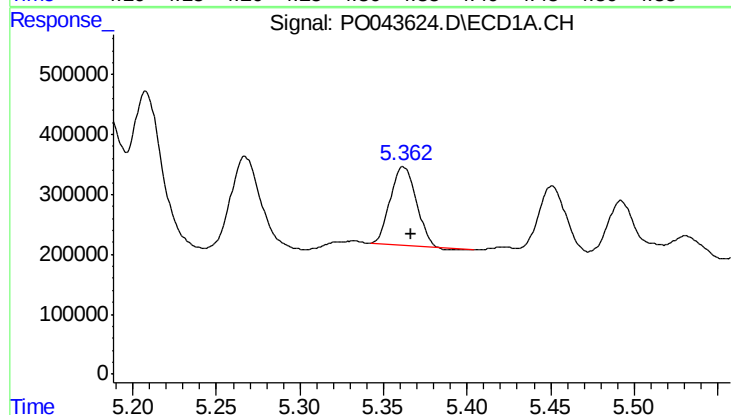
R.T.: 5.208 min
Delta R.T.: -0.004 min
Response: 3631495
Conc: 454.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



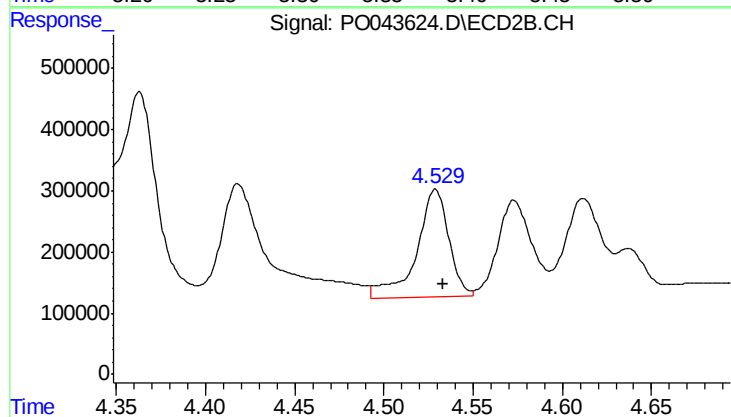
#17 AR-1242-2

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 6656202
Conc: 323.43 ng/ml



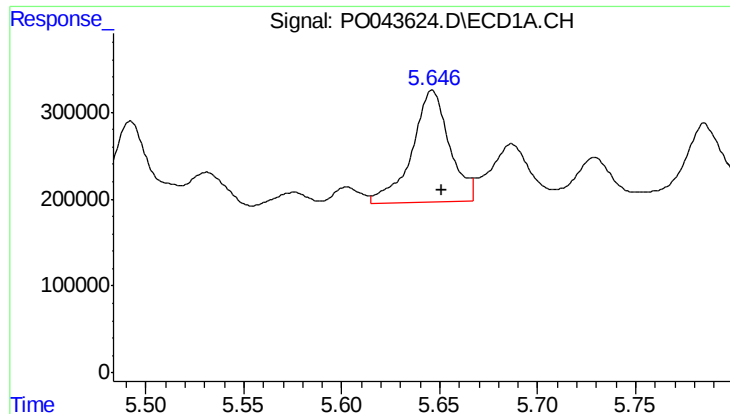
#18 AR-1242-3

R.T.: 5.362 min
Delta R.T.: -0.005 min
Response: 1418932
Conc: 368.01 ng/ml



#18 AR-1242-3

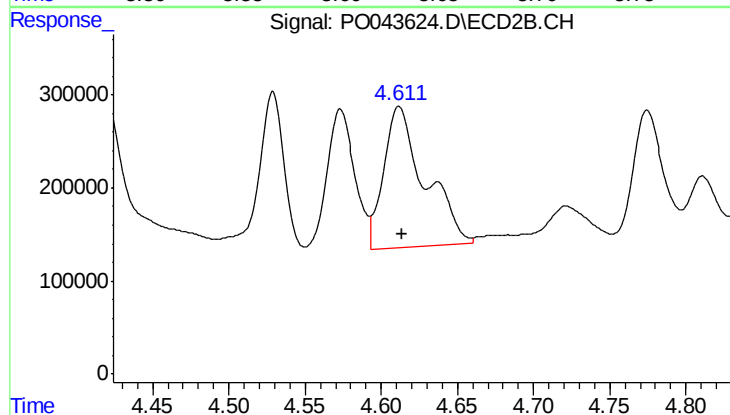
R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 2227323
Conc: 351.27 ng/ml



#19 AR-1242-4

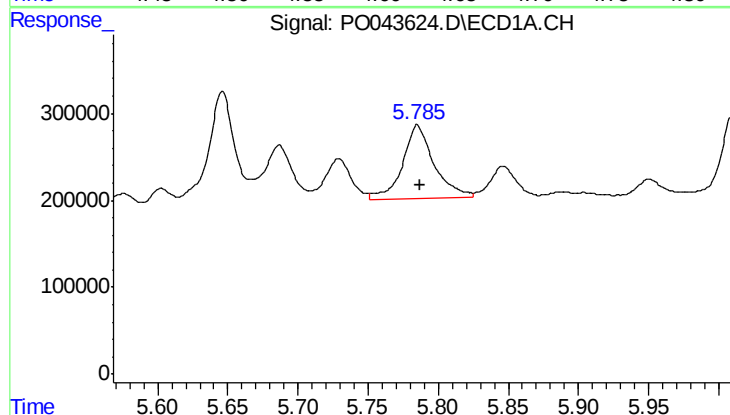
R.T.: 5.646 min
Delta R.T.: -0.005 min
Response: 1731513
Conc: 438.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



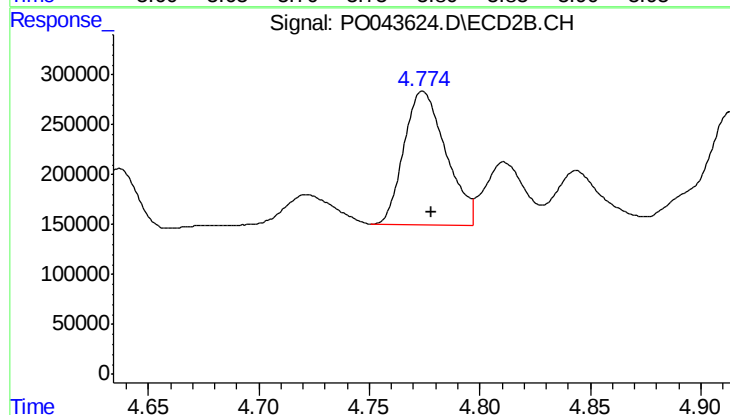
#19 AR-1242-4

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2833376
Conc: 464.04 ng/ml



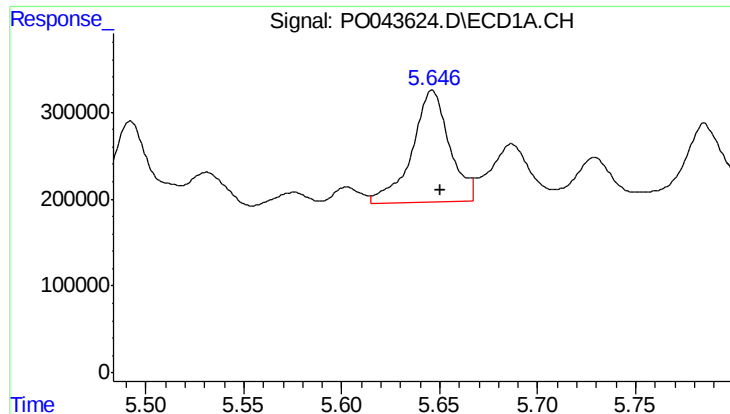
#20 AR-1242-5

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 1325253
Conc: 286.87 ng/ml



#20 AR-1242-5

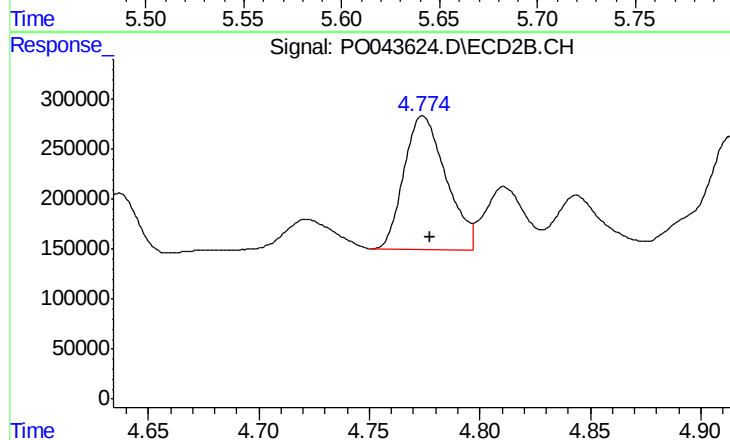
R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 1772946
Conc: 275.69 ng/ml



#21 AR-1248-1

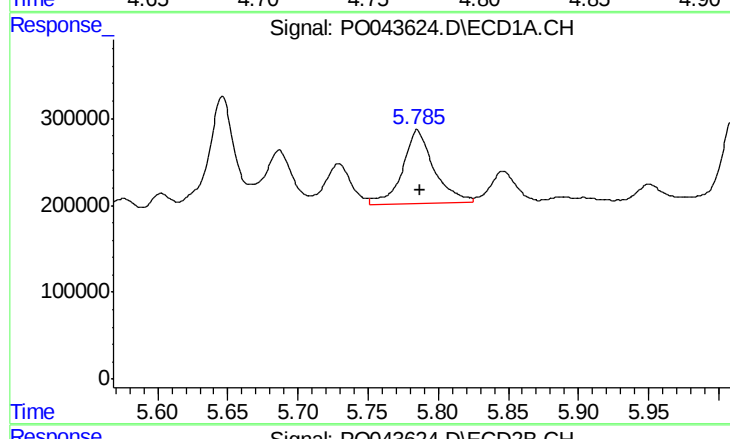
R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 1731513
Conc: 246.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



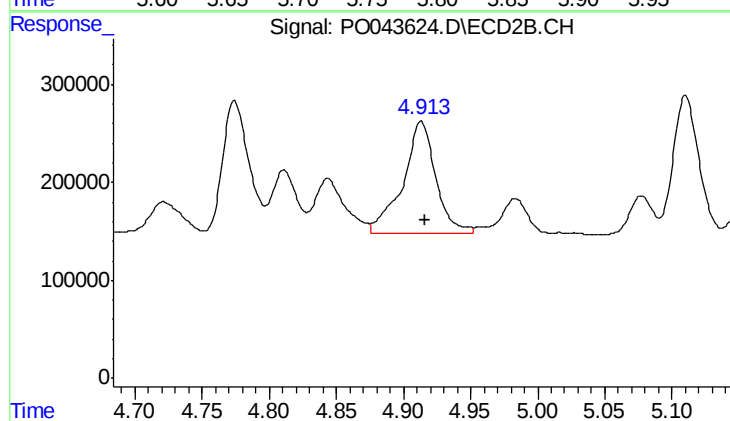
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 1772946
Conc: 153.43 ng/ml



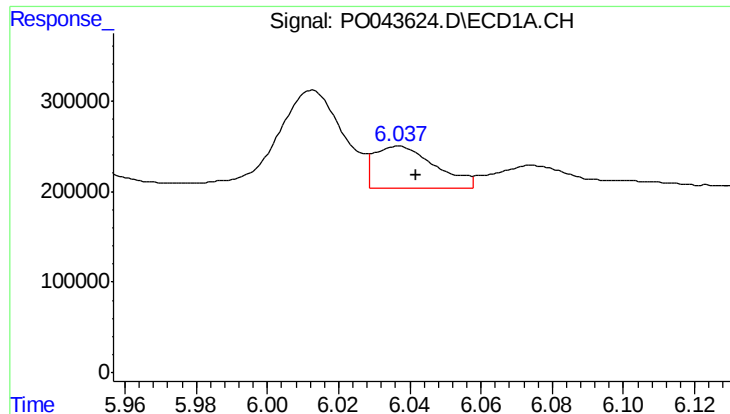
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 1325253
Conc: 214.34 ng/ml



#22 AR-1248-2

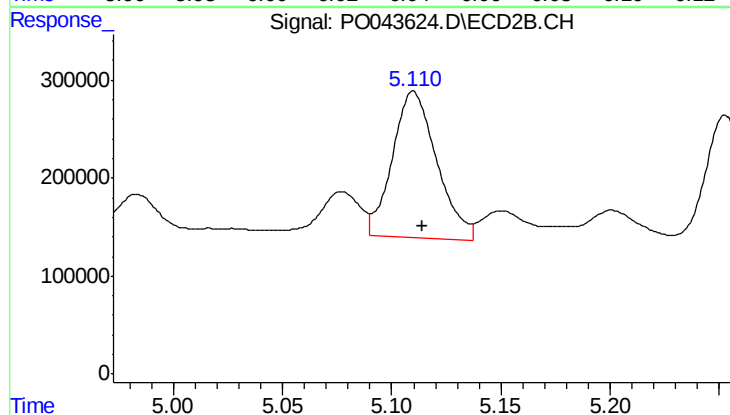
R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 1958706
Conc: 184.73 ng/ml



#23 AR-1248-3

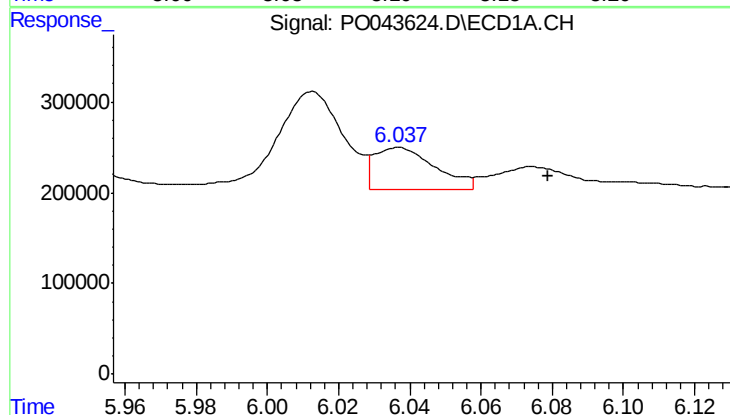
R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 542661
Conc: 62.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



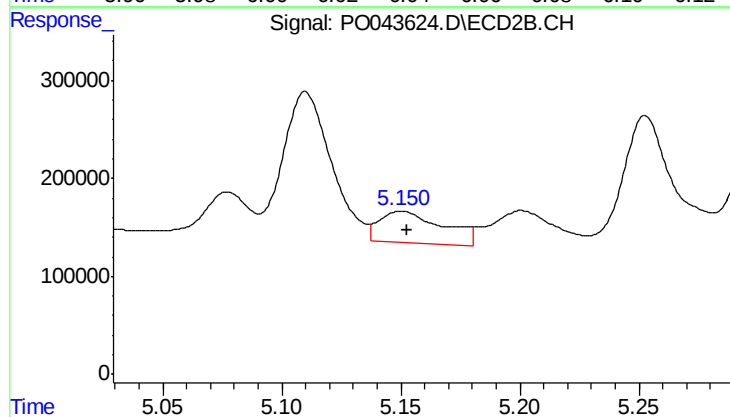
#23 AR-1248-3

R.T.: 5.110 min
Delta R.T.: -0.004 min
Response: 2125000
Conc: 121.06 ng/ml



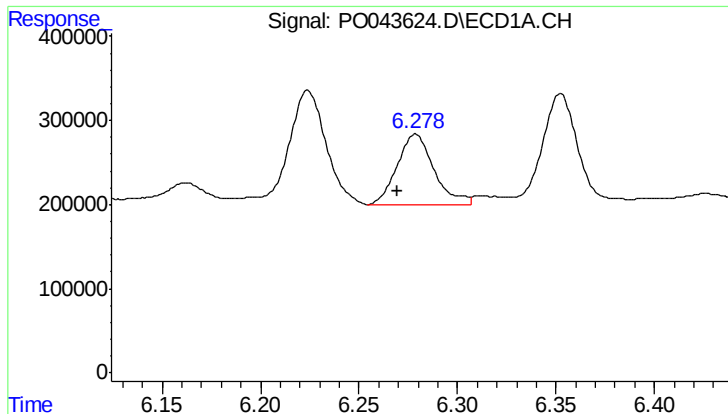
#24 AR-1248-4

R.T.: 6.037 min
Delta R.T.: -0.042 min
Response: 542661
Conc: 60.55 ng/ml



#24 AR-1248-4

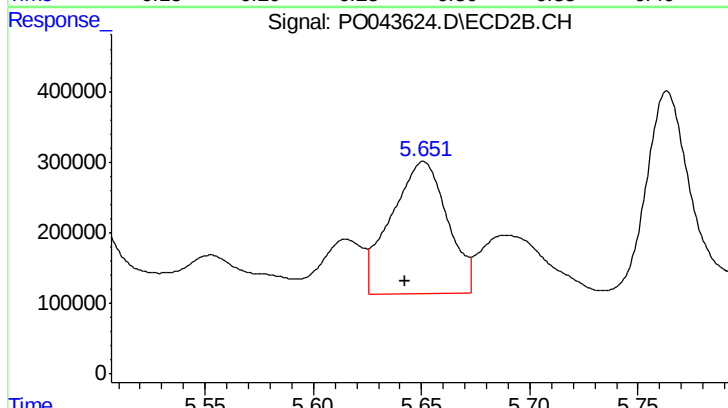
R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 601911
Conc: 42.92 ng/ml



#25 AR-1248-5

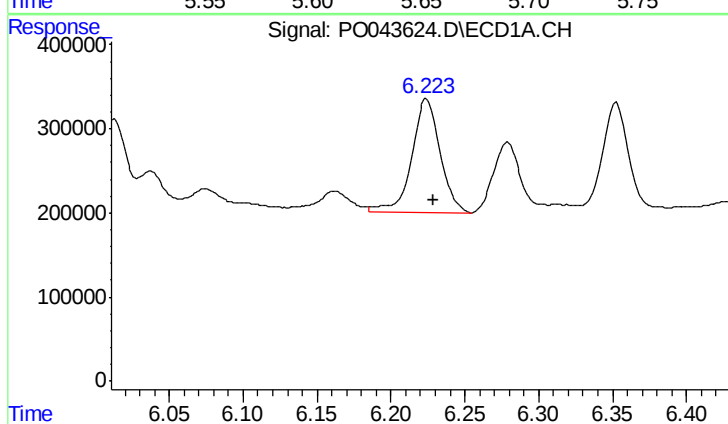
R.T.: 6.279 min
Delta R.T.: 0.009 min
Response: 1092601
Conc: 194.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



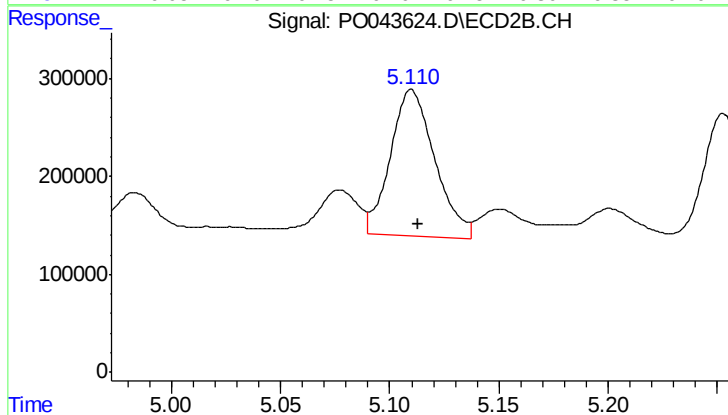
#25 AR-1248-5

R.T.: 5.651 min
Delta R.T.: 0.008 min
Response: 3390480
Conc: 347.86 ng/ml



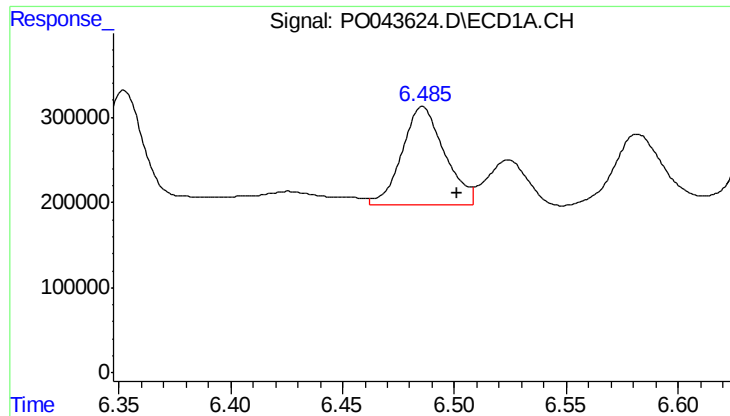
#26 AR-1254-1

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 1799601
Conc: 120.00 ng/ml



#26 AR-1254-1

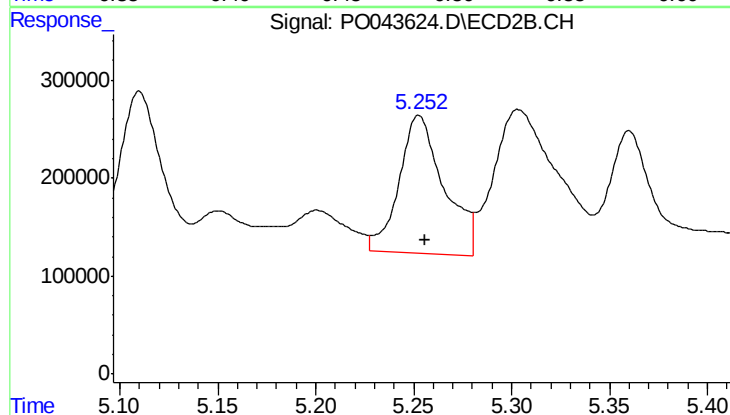
R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 2125000
Conc: 97.65 ng/ml



#27 AR-1254-2

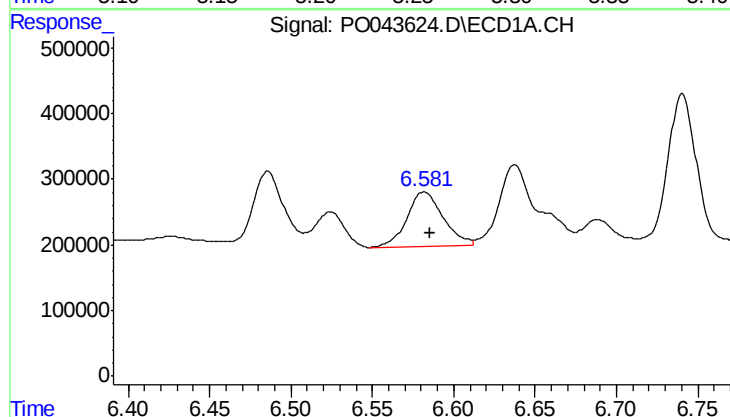
R.T.: 6.486 min
Delta R.T.: -0.015 min
Response: 1528392
Conc: 160.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



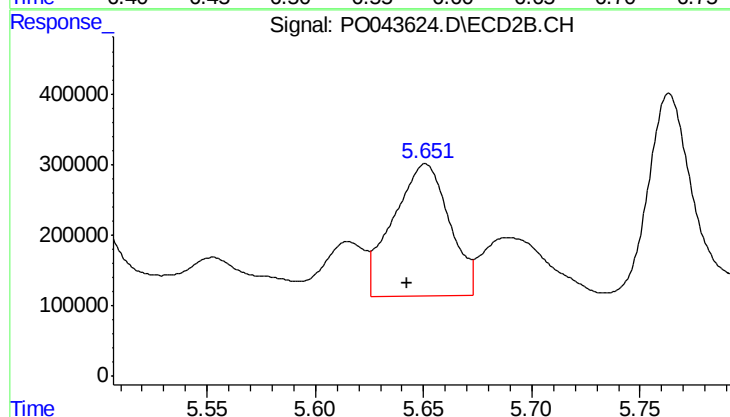
#27 AR-1254-2

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 2236228
Conc: 115.37 ng/ml



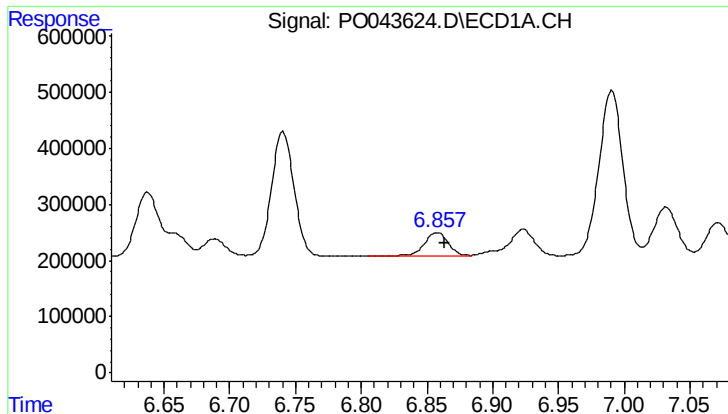
#28 AR-1254-3

R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 1279728
Conc: 77.54 ng/ml



#28 AR-1254-3

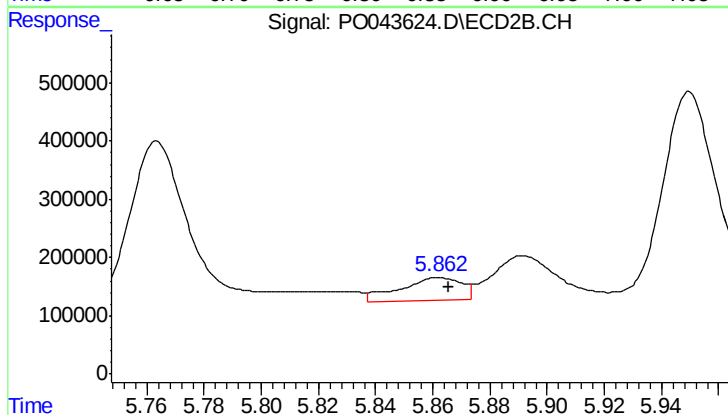
R.T.: 5.651 min
Delta R.T.: 0.009 min
Response: 3390480
Conc: 107.09 ng/ml



#29 AR-1254-4

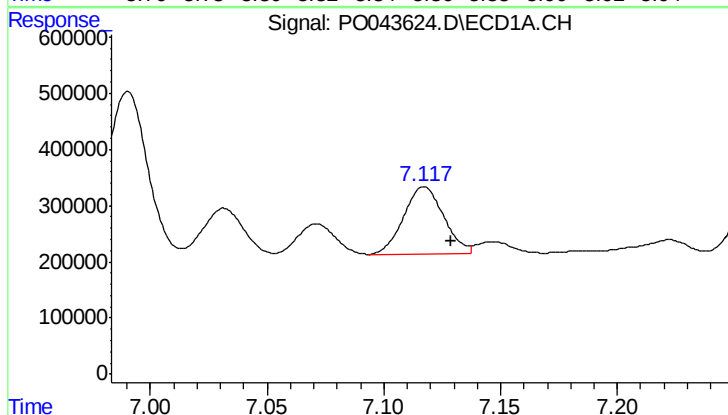
R.T.: 6.858 min
Delta R.T.: -0.006 min
Response: 524982
Conc: 38.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



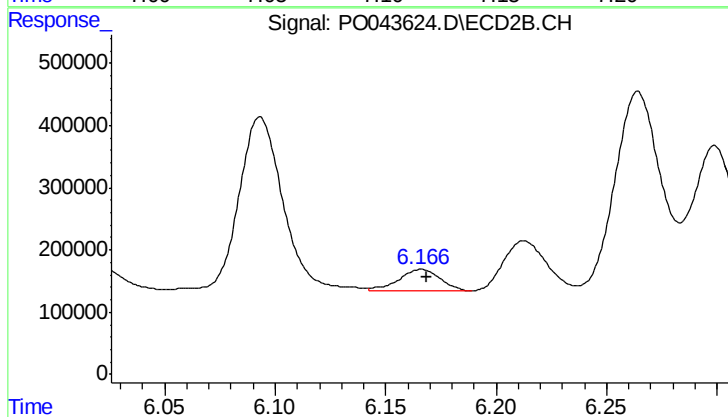
#29 AR-1254-4

R.T.: 5.862 min
Delta R.T.: -0.003 min
Response: 581528
Conc: 23.57 ng/ml



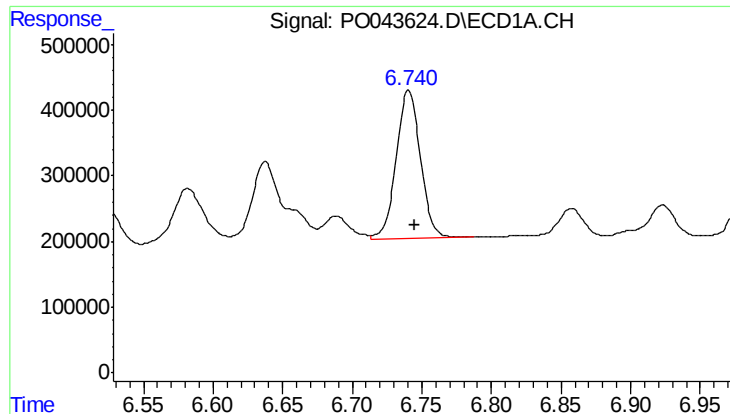
#30 AR-1254-5

R.T.: 7.117 min
Delta R.T.: -0.012 min
Response: 1437813
Conc: 147.41 ng/ml



#30 AR-1254-5

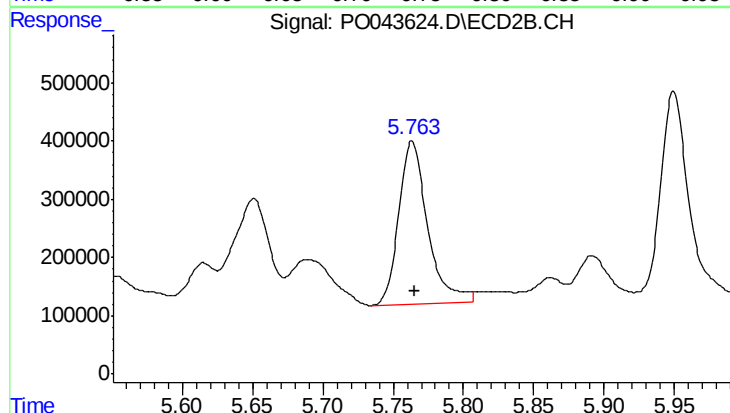
R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 431162
Conc: 29.75 ng/ml



#31 AR-1260-1

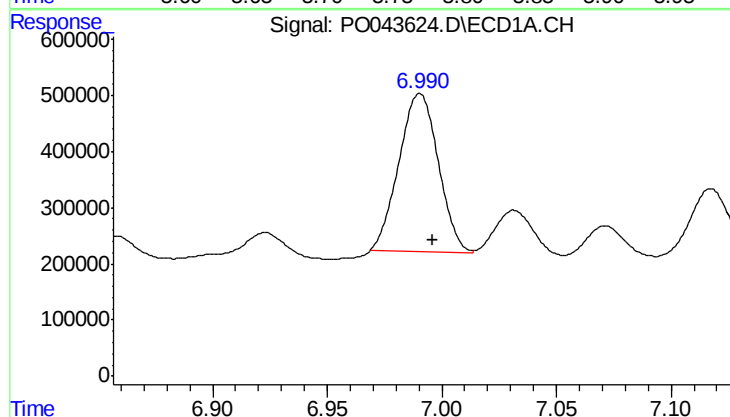
R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 2723459
Conc: 270.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



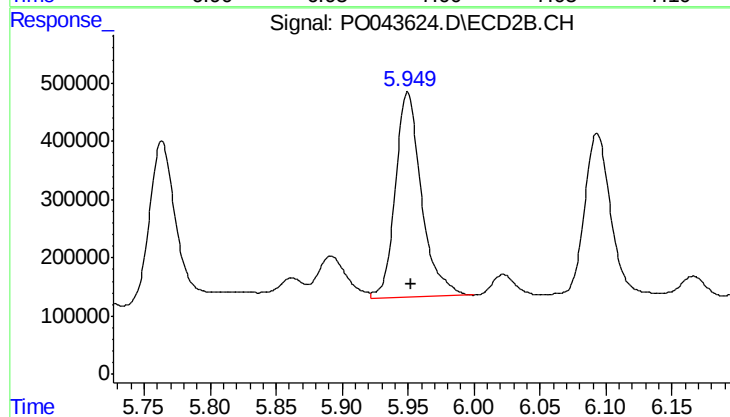
#31 AR-1260-1

R.T.: 5.764 min
Delta R.T.: -0.002 min
Response: 4039608
Conc: 241.69 ng/ml



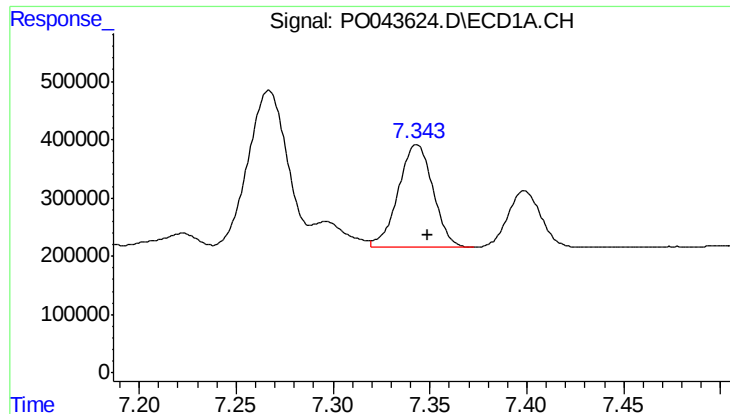
#32 AR-1260-2

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 3375568
Conc: 263.09 ng/ml



#32 AR-1260-2

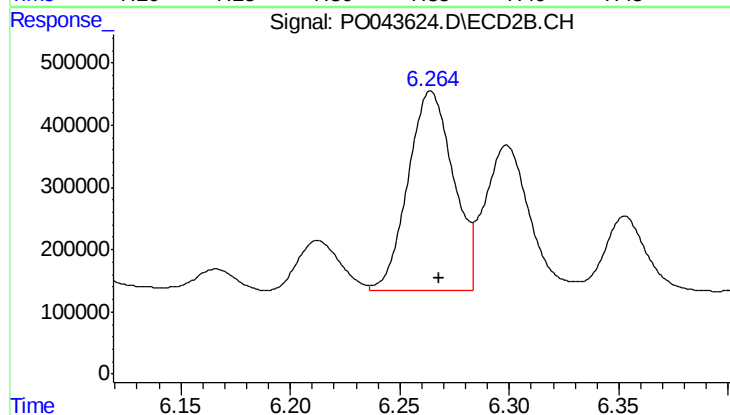
R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 4860989
Conc: 229.72 ng/ml



#33 AR-1260-3

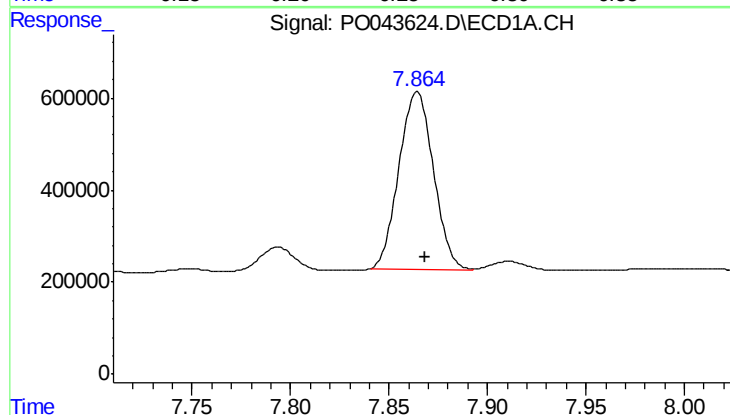
R.T.: 7.343 min
Delta R.T.: -0.006 min
Response: 2217904
Conc: 219.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



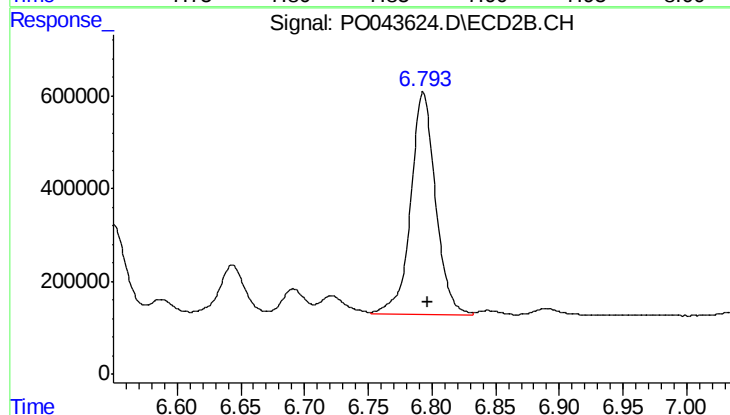
#33 AR-1260-3

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 4628454
Conc: 210.19 ng/ml



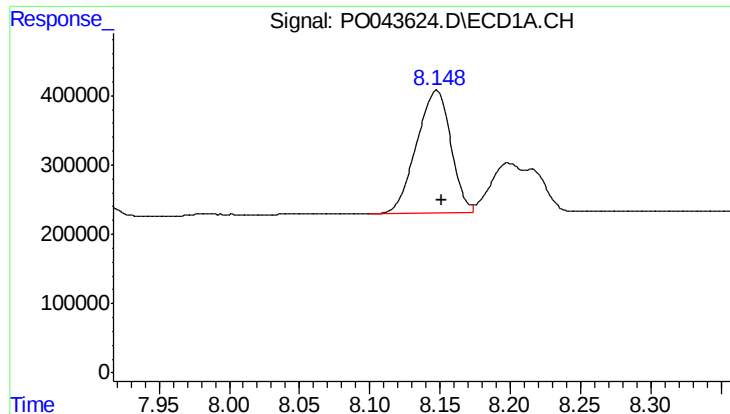
#34 AR-1260-4

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 4711902
Conc: 227.74 ng/ml



#34 AR-1260-4

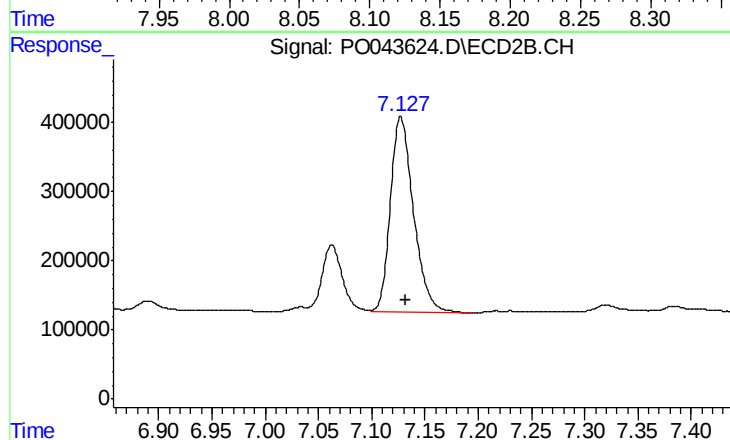
R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 6501987
Conc: 176.02 ng/ml



#35 AR-1260-5

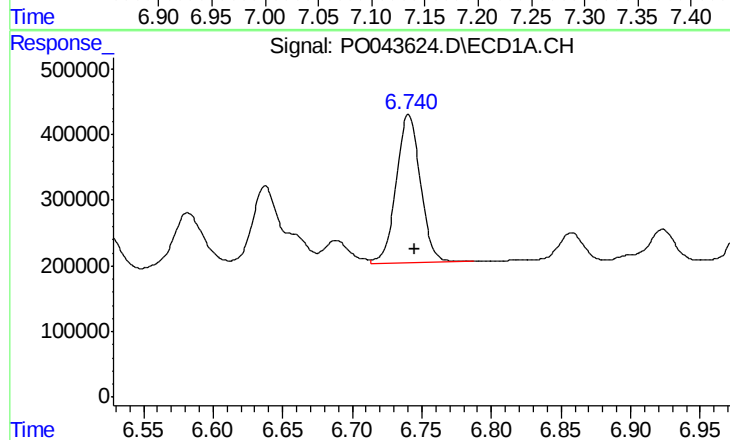
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 3011850
Conc: 240.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



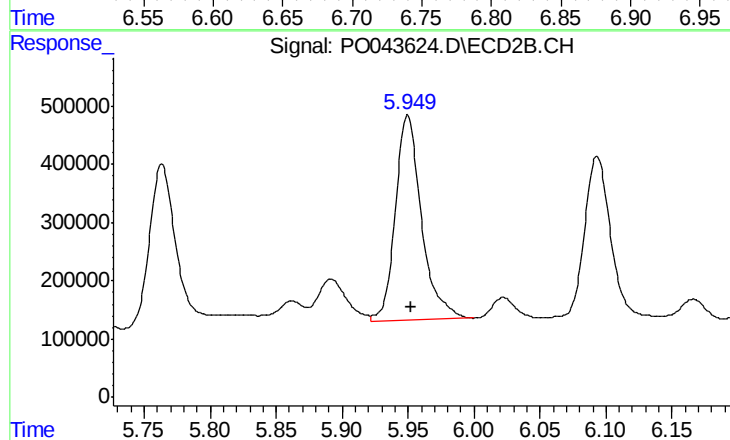
#35 AR-1260-5

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 4291665
Conc: 166.89 ng/ml



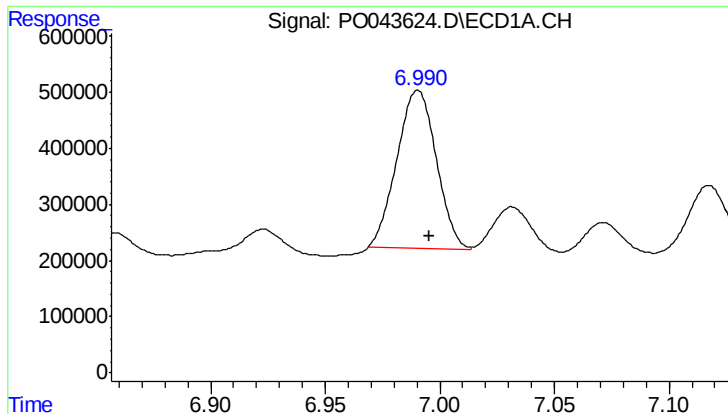
#36 AR-1262-1

R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 2723459
Conc: 283.35 ng/ml



#36 AR-1262-1

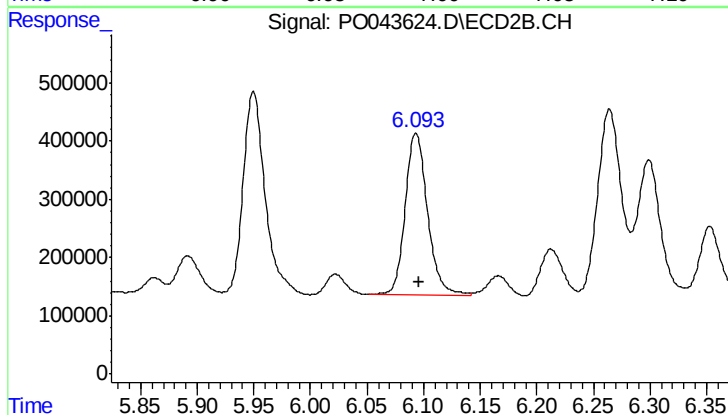
R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 4860989
Conc: 223.43 ng/ml



#37 AR-1262-2

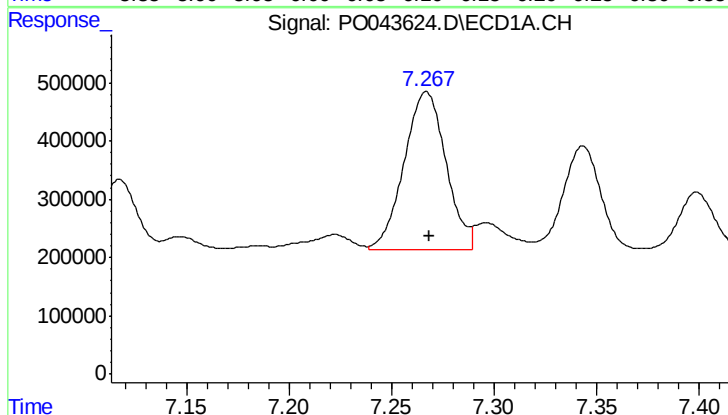
R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 3375568
Conc: 275.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



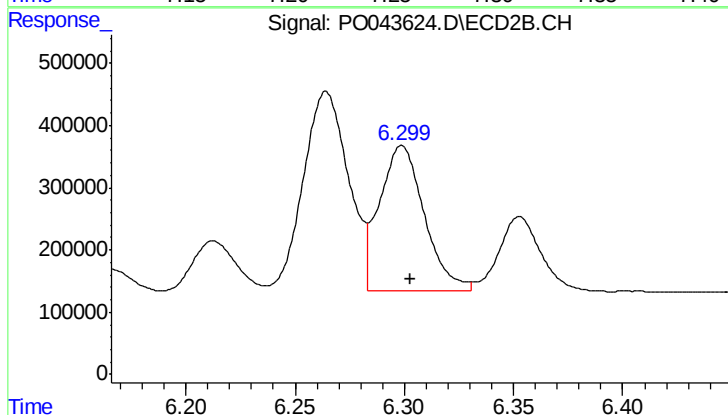
#37 AR-1262-2

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 3805430
Conc: 188.53 ng/ml



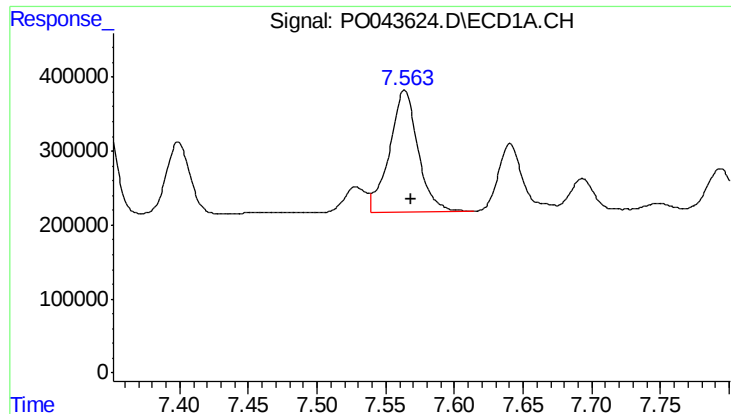
#38 AR-1262-3

R.T.: 7.267 min
Delta R.T.: -0.002 min
Response: 3818642
Conc: 338.96 ng/ml



#38 AR-1262-3

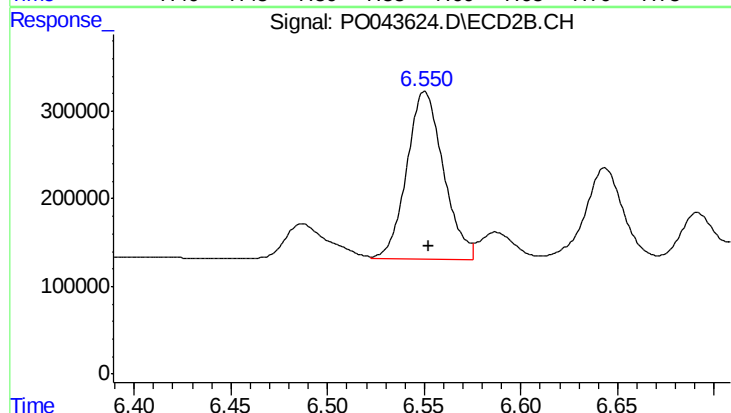
R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 3347042
Conc: 96.09 ng/ml



#39 AR-1262-4

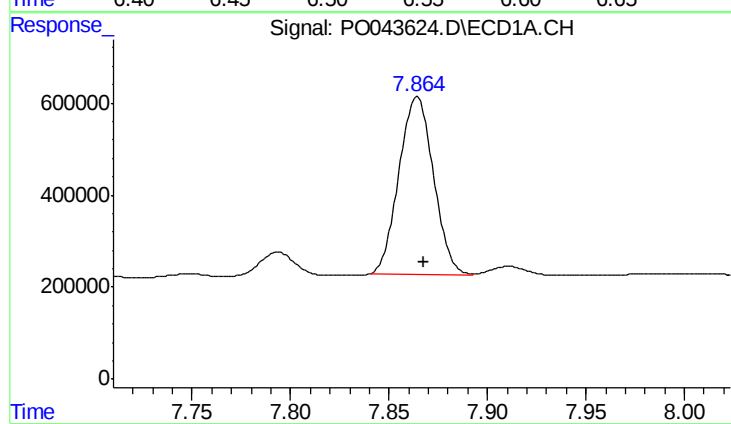
R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 2371148
Conc: 158.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



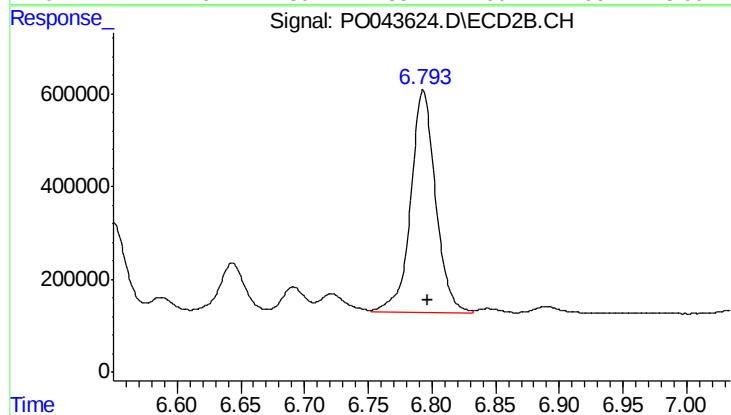
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: -0.002 min
Response: 2530427
Conc: 93.31 ng/ml



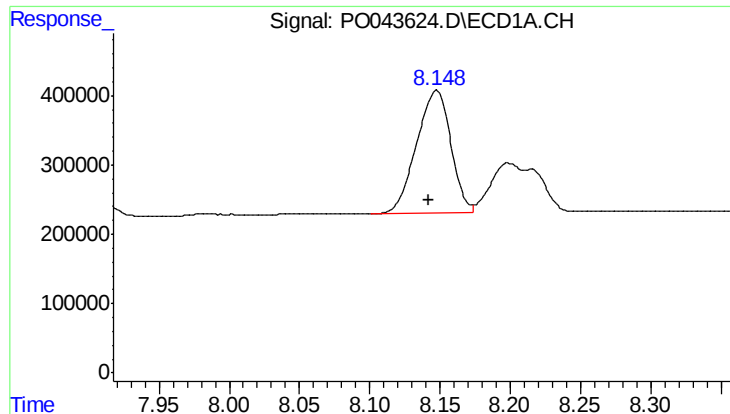
#40 AR-1262-5

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 4711902
Conc: 154.83 ng/ml



#40 AR-1262-5

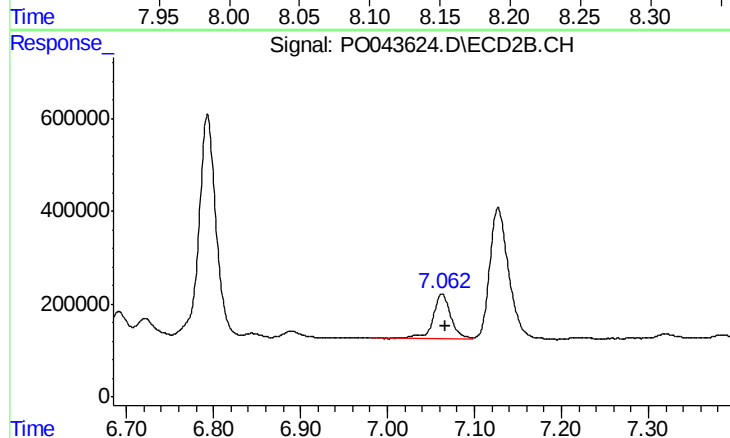
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 6501987
Conc: 111.51 ng/ml



#41 AR-1268-1

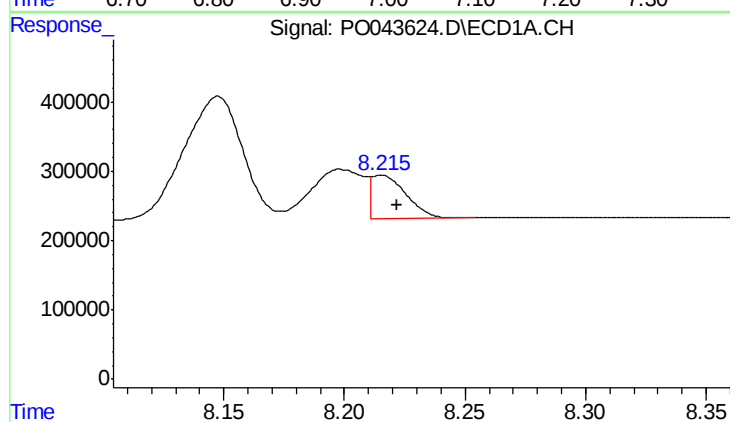
R.T.: 8.148 min
Delta R.T.: 0.006 min
Response: 3011850
Conc: 95.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



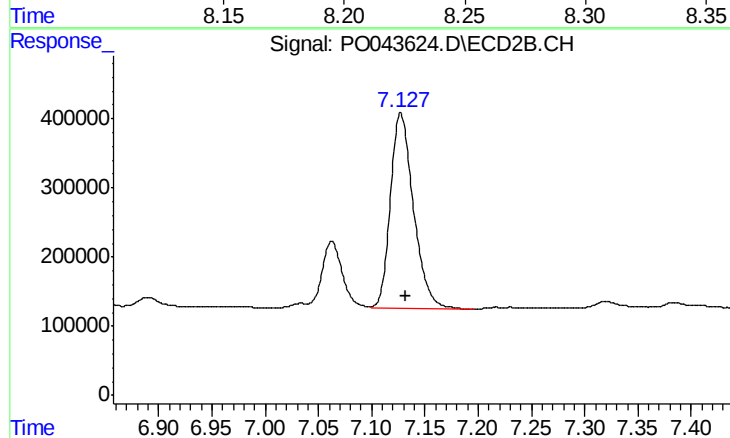
#41 AR-1268-1

R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 1320689
Conc: 22.68 ng/ml



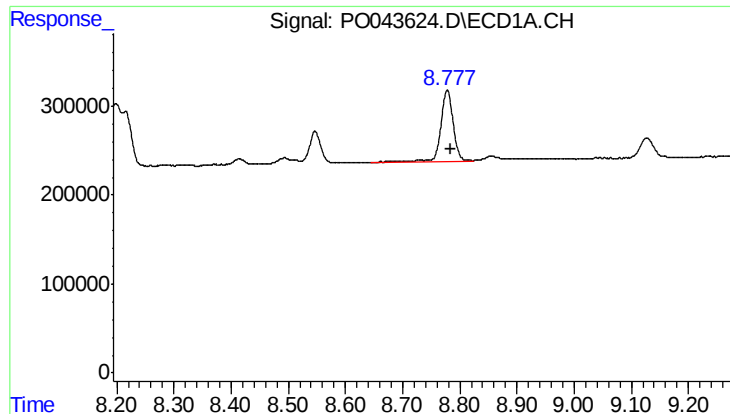
#42 AR-1268-2

R.T.: 8.215 min
Delta R.T.: -0.006 min
Response: 615004
Conc: 22.08 ng/ml



#42 AR-1268-2

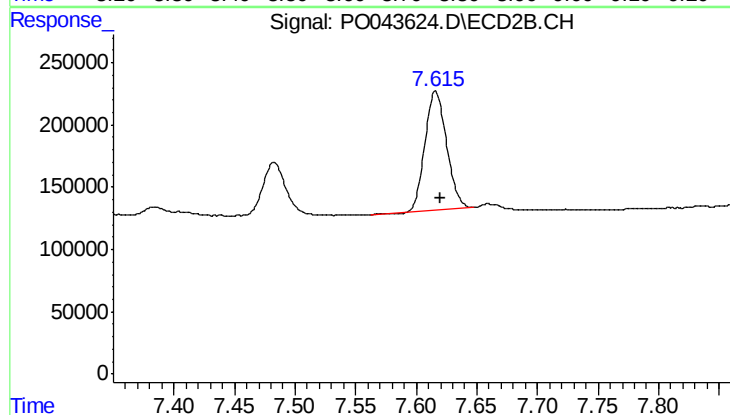
R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 4291665
Conc: 82.23 ng/ml



#44 AR-1268-4

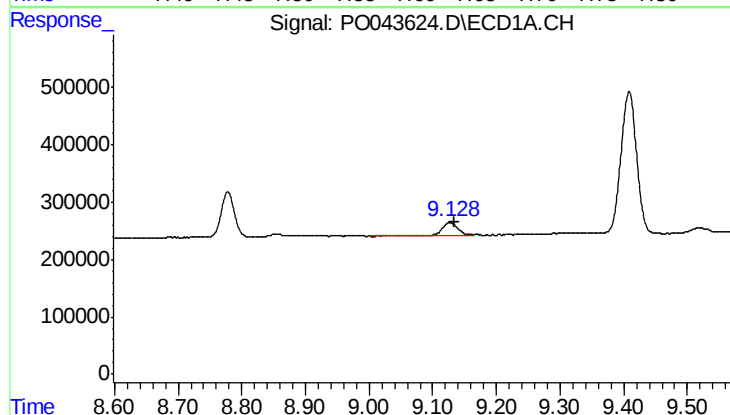
R.T.: 8.778 min
Delta R.T.: -0.007 min
Response: 1189763
Conc: 120.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-03-032918MSD



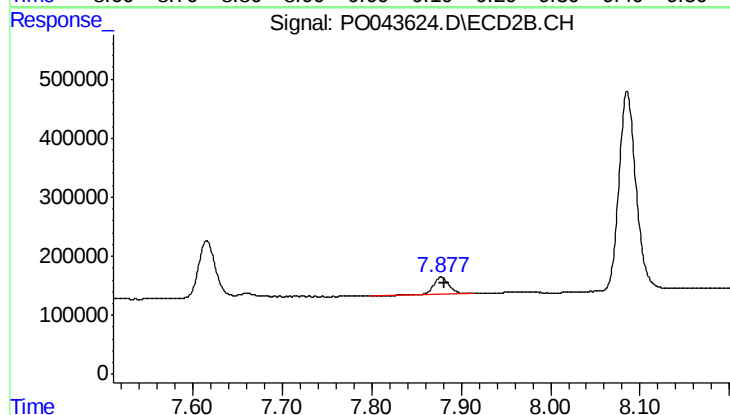
#44 AR-1268-4

R.T.: 7.616 min
Delta R.T.: -0.004 min
Response: 1173264
Conc: 71.72 ng/ml



#45 AR-1268-5

R.T.: 9.127 min
Delta R.T.: -0.007 min
Response: 375268
Conc: 5.45 ng/ml



#45 AR-1268-5

R.T.: 7.878 min
Delta R.T.: -0.003 min
Response: 356385
Conc: 3.22 ng/ml