

Data Path : P:\HPCHEM1\ECD_0\Data\P0020118\
 Data File : P0041953.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Jan 2018 20:17
 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 00:25:16 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...	4.116	3.364	11688467	18470449	60.559	63.627
2) SA Decachlor...	9.516	8.159	10366412	13625858	44.121	38.102
Target Compounds						
3) L1 AR-1016-1	4.985	4.187	3504804	5237333	676.926	696.863
4) L1 AR-1016-2	5.326	4.624	4919573	4572349	685.899	651.108
5) L1 AR-1016-3	5.421	4.663	3998595	5796005	670.990	684.489
6) L1 AR-1016-4	5.709	4.828	3840188	6232979	634.526	668.885
7) L1 AR-1016-5	5.846	4.969	4036985	7172095	624.963	723.390
8) L2 AR-1221-1	4.313	3.568	423800	620317	227.855	241.413
9) L2 AR-1221-2	4.401	3.651	600326	896214	422.601	473.796
10) L2 AR-1221-3	4.474	3.722	2431748	3637429	525.508	581.632
11) L3 AR-1232-1	4.474	3.722	2431748	3637429	693.905	738.675
12) L3 AR-1232-2	5.245	4.413	5088638	19902420	1933.591	1979.415
13) L3 AR-1232-3	5.266	4.468	8055275	7875545	1803.637	1909.856
14) L3 AR-1232-4	5.326	4.582	4919573	5541703	1786.631	1788.518
15) L3 AR-1232-5	5.421	4.624	3998595	4572349	1904.289	2114.856
16) L4 AR-1242-1	4.799	4.006	3416506	7945868	1102.026	3131.063 #
17) L4 AR-1242-2	5.266	4.413	8055275	19902420	1095.138	1159.944
18) L4 AR-1242-3	5.421	4.582	3998595	5541703	1087.749	1053.509
19) L4 AR-1242-4	5.709	4.663	3840188	5796005	1021.271	1107.142
20) L4 AR-1242-5	5.846	4.828	4036985	6232979	967.913	1077.978
21) L5 AR-1248-1	5.709	4.828	3840188	6232979	531.039	570.159
22) L5 AR-1248-2	5.846	4.969	4036985	7172095	643.953	737.598
23) L5 AR-1248-3	6.100	5.165	1937306	6566456	211.856	387.162 #
24) L5 AR-1248-4	6.137	5.204	1416972	1499895	158.123	111.083 #
25) L5 AR-1248-5	6.289	5.711	3067277	9358269	513.451	1214.497 #
26) L6 AR-1254-1	6.289	5.165	3067277	6566456	217.893	355.024 #
27) L6 AR-1254-2	6.563	5.309	499974	4807189	57.485	290.708 #
28) L6 AR-1254-3	6.647	5.711	1577875	9358269	101.804	340.151 #
29) L6 AR-1254-4	6.926	5.921	1057516	864075	80.617	44.344 #
30) L6 AR-1254-5	7.187	6.229	4151548	1460658	441.017	110.275 #
31) L7 AR-1260-1	6.809	5.823	7511724	13030749	597.133	610.435
32) L7 AR-1260-2	7.061	6.009	9822891	17327025	564.554	548.555
33) L7 AR-1260-3	7.337	6.155	10890820	14270760	542.596	546.769
34) L7 AR-1260-4	7.415	6.326	7796154	16508975	662.820	484.173 #
35) L7 AR-1260-5	7.936	6.857	16273338	26852294	618.697	500.471
36) L8 AR-1262-1	6.809	6.009	7511724	17327025	794.254	780.125
37) L8 AR-1262-2	7.061	6.155	9822891	14270760	843.691	709.620
38) L8 AR-1262-3	7.337	6.362	10890820	15079862	946.486	406.856 #

Data Path : P:\HPCHEM1\ECD_0\Data\P0020118\
Data File : P0041953.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Jan 2018 20:17
Operator : SM/UA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

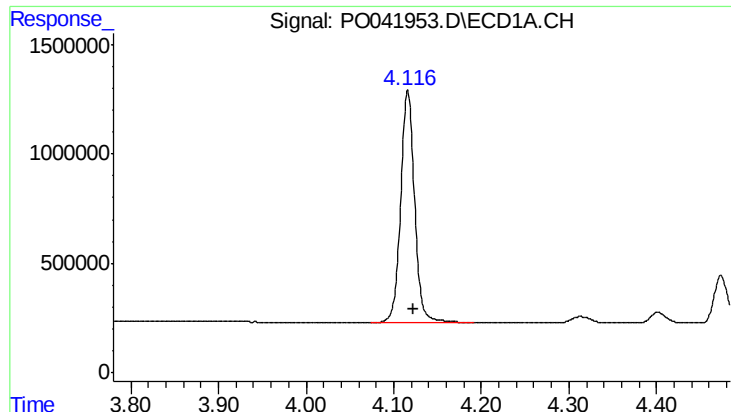
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 00:25:16 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
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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	7.636	6.614	7531840	10498463	490.972	379.052
40)	L8 AR-1262-5	7.936	6.857	16273338	26852294	505.514	423.820
41)	L9 AR-1268-1	8.223	7.130	9445837	5668069	249.978	77.338 #
42)	L9 AR-1268-2	8.293	7.193	2851771	17663661	85.948	273.203 #
44)	L9 AR-1268-4	8.870	7.682	3987056	5297545	319.879	238.468 #
45)	L9 AR-1268-5	9.226	7.946	965014	1220930	11.946	8.481 #

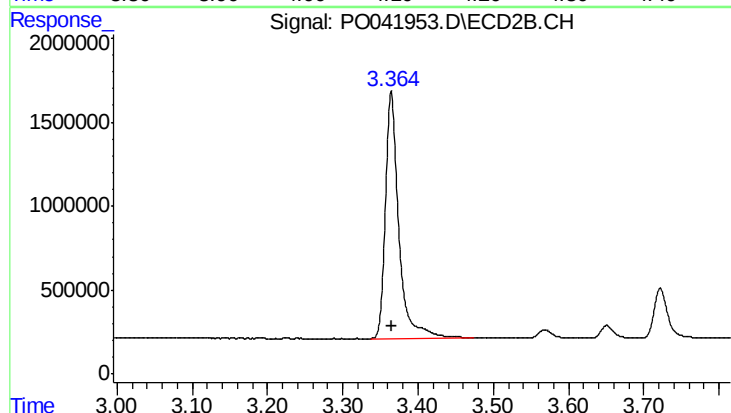
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

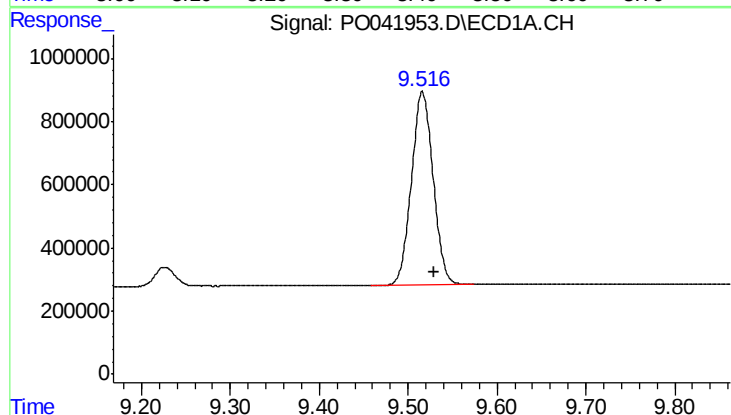
R.T.: 4.116 min
Delta R.T.: -0.007 min
Response: 11688467
Conc: 60.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



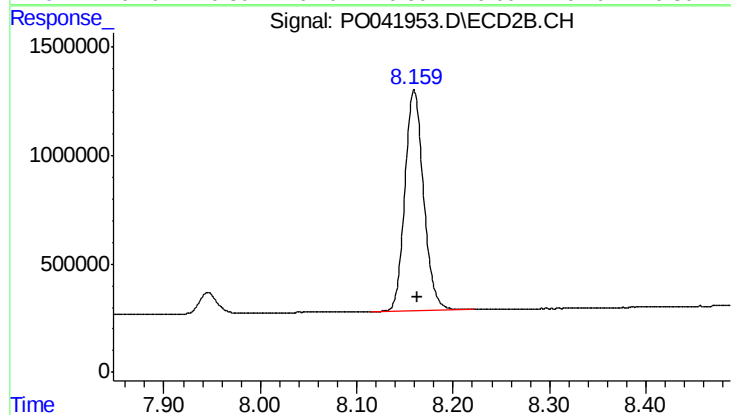
#1 Tetrachloro-m-xylene

R.T.: 3.364 min
Delta R.T.: -0.002 min
Response: 18470449
Conc: 63.63 ng/ml



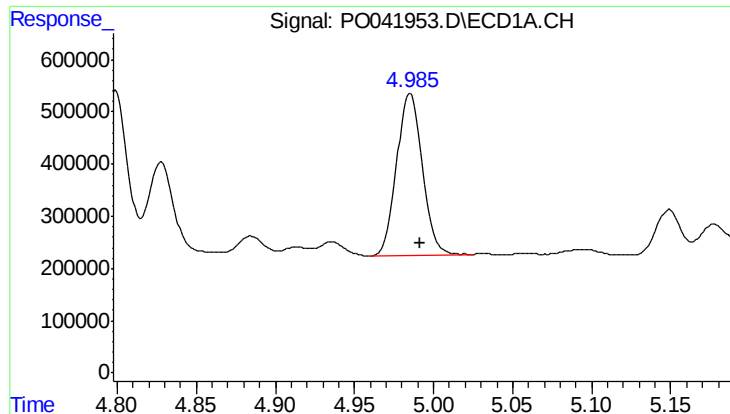
#2 Decachlorobiphenyl

R.T.: 9.516 min
Delta R.T.: -0.013 min
Response: 10366412
Conc: 44.12 ng/ml



#2 Decachlorobiphenyl

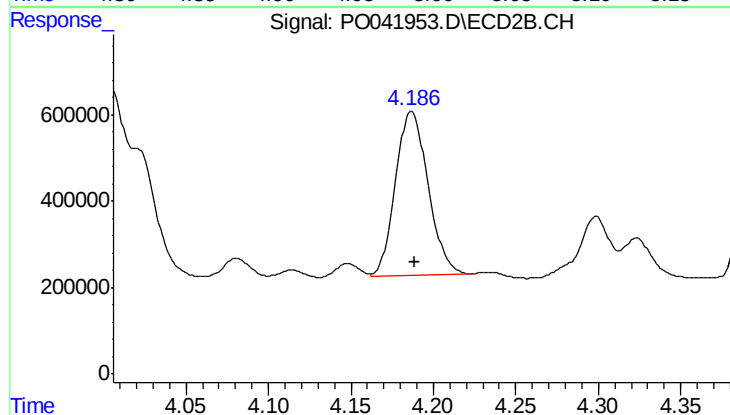
R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 13625858
Conc: 38.10 ng/ml



#3 AR-1016-1

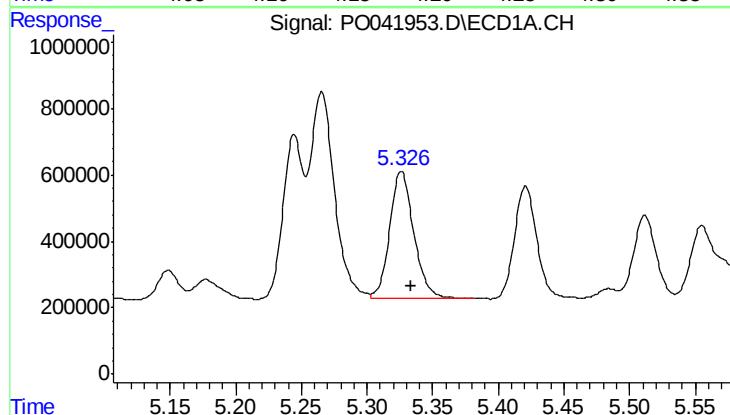
R.T.: 4.985 min
Delta R.T.: -0.007 min
Response: 3504804
Conc: 676.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



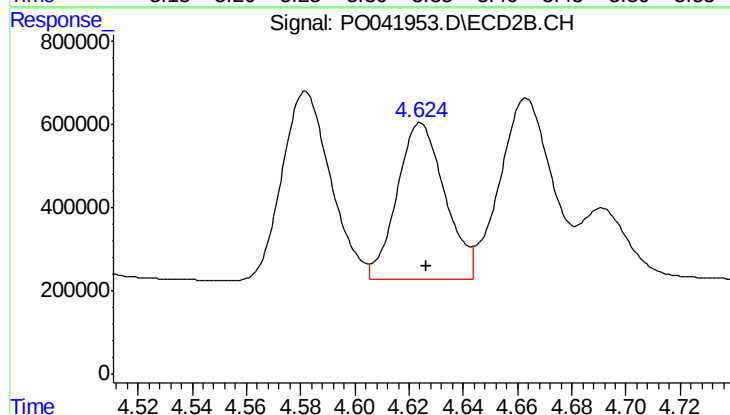
#3 AR-1016-1

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 5237333
Conc: 696.86 ng/ml



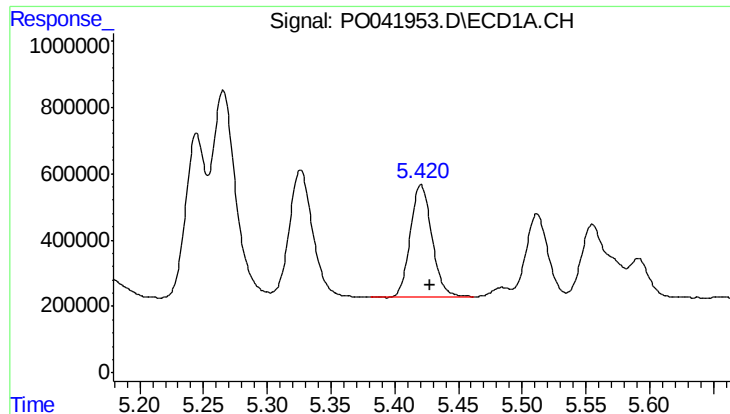
#4 AR-1016-2

R.T.: 5.326 min
Delta R.T.: -0.007 min
Response: 4919573
Conc: 685.90 ng/ml



#4 AR-1016-2

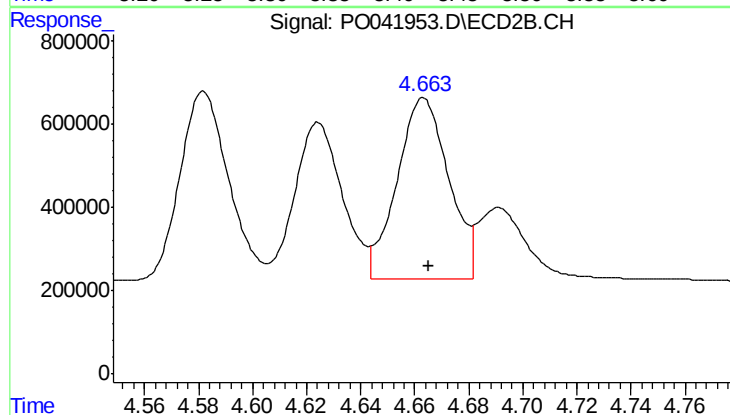
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 4572349
Conc: 651.11 ng/ml



#5 AR-1016-3

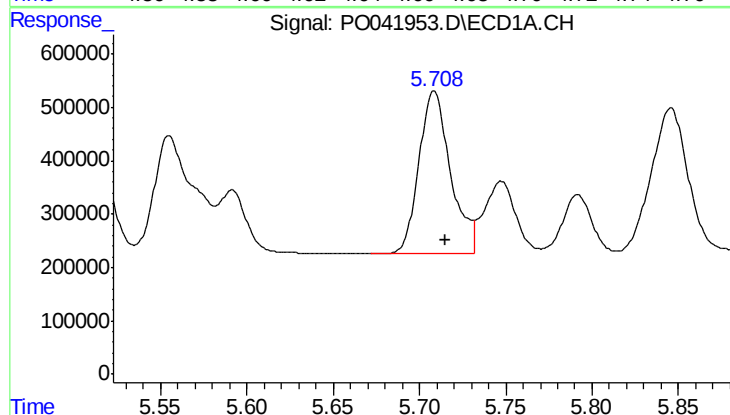
R.T.: 5.421 min
Delta R.T.: -0.007 min
Response: 3998595
Conc: 670.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



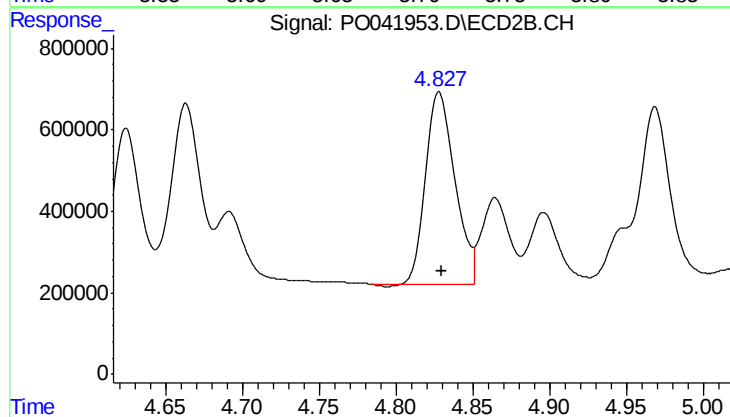
#5 AR-1016-3

R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 5796005
Conc: 684.49 ng/ml



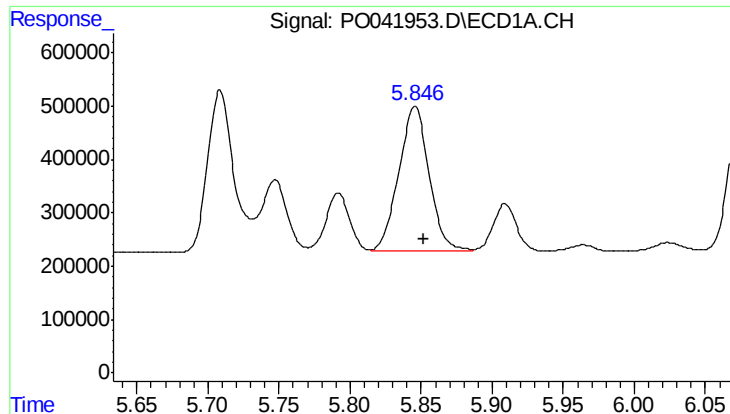
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 3840188
Conc: 634.53 ng/ml



#6 AR-1016-4

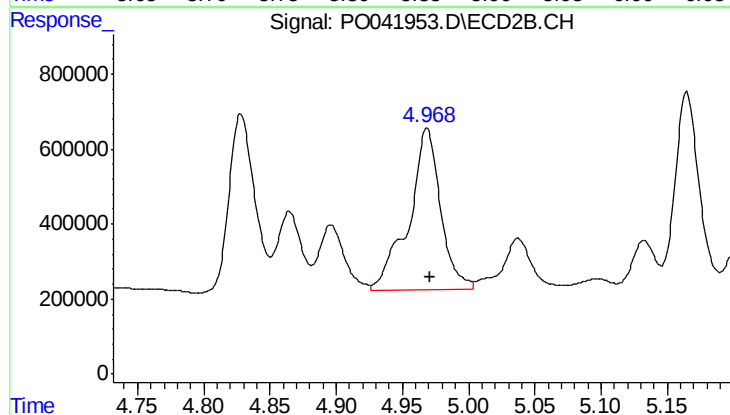
R.T.: 4.828 min
Delta R.T.: -0.002 min
Response: 6232979
Conc: 668.89 ng/ml



#7 AR-1016-5

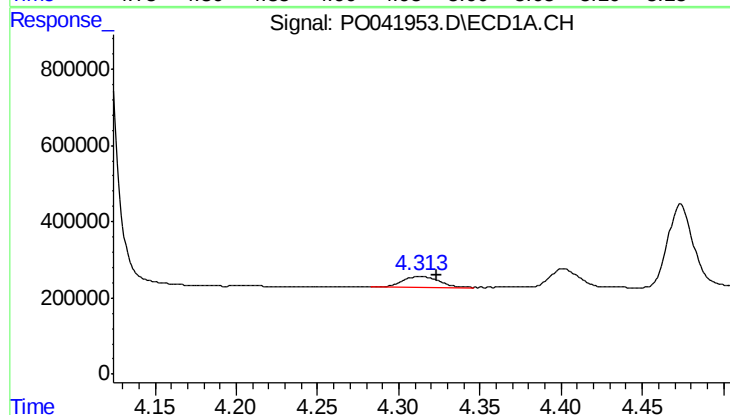
R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 4036985
Conc: 624.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



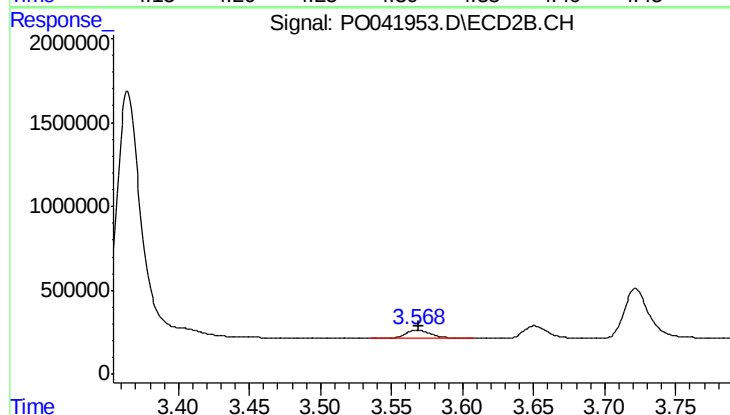
#7 AR-1016-5

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 7172095
Conc: 723.39 ng/ml



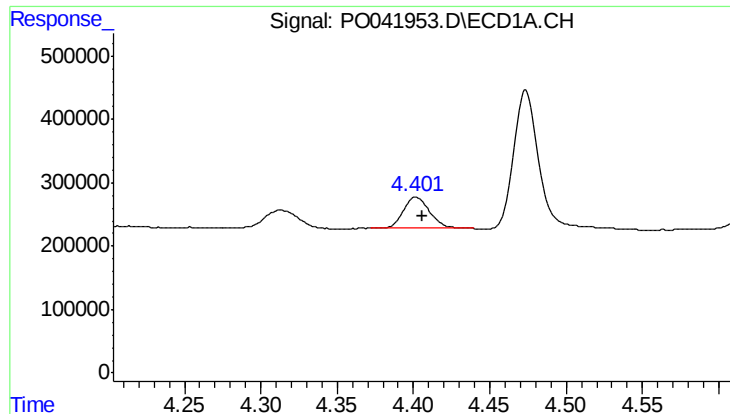
#8 AR-1221-1

R.T.: 4.313 min
Delta R.T.: -0.010 min
Response: 423800
Conc: 227.86 ng/ml



#8 AR-1221-1

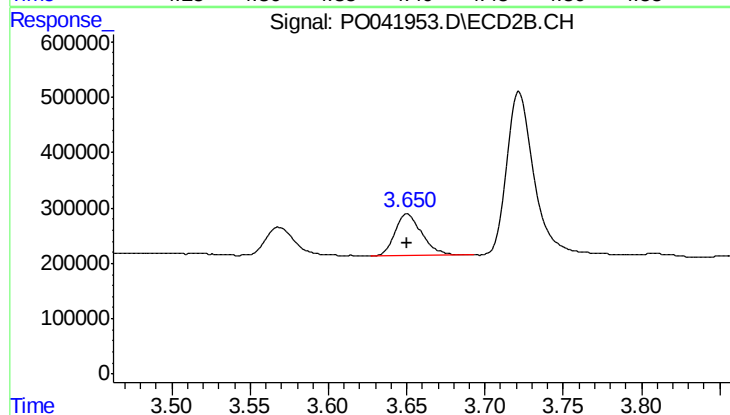
R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 620317
Conc: 241.41 ng/ml



#9 AR-1221-2

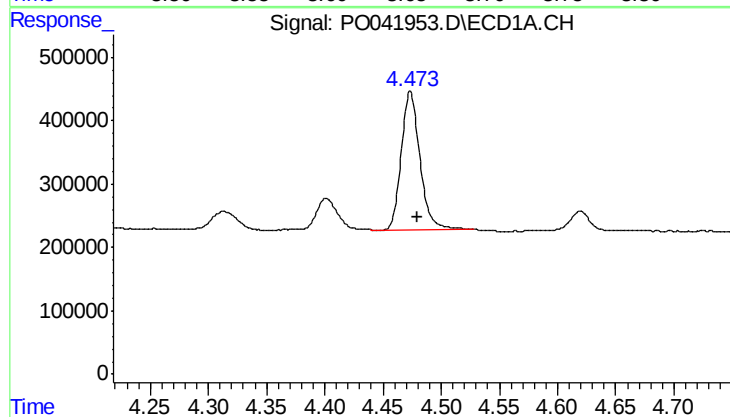
R.T.: 4.401 min
Delta R.T.: -0.005 min
Response: 600326
Conc: 422.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



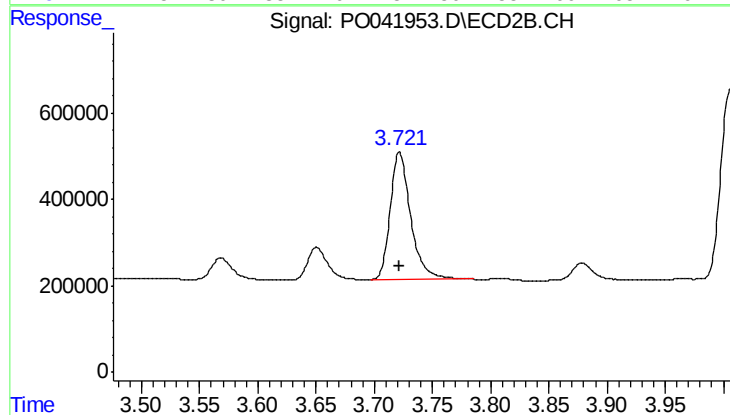
#9 AR-1221-2

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 896214
Conc: 473.80 ng/ml



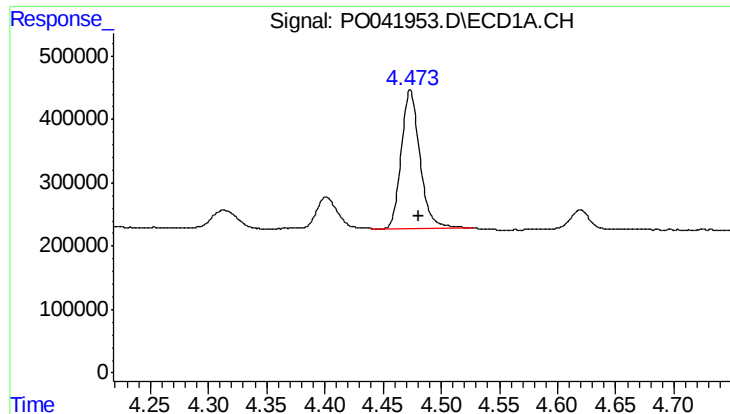
#10 AR-1221-3

R.T.: 4.474 min
Delta R.T.: -0.006 min
Response: 2431748
Conc: 525.51 ng/ml



#10 AR-1221-3

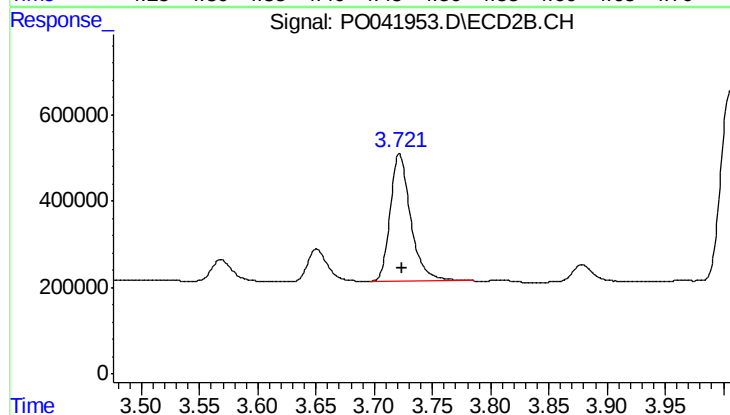
R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 3637429
Conc: 581.63 ng/ml



#11 AR-1232-1

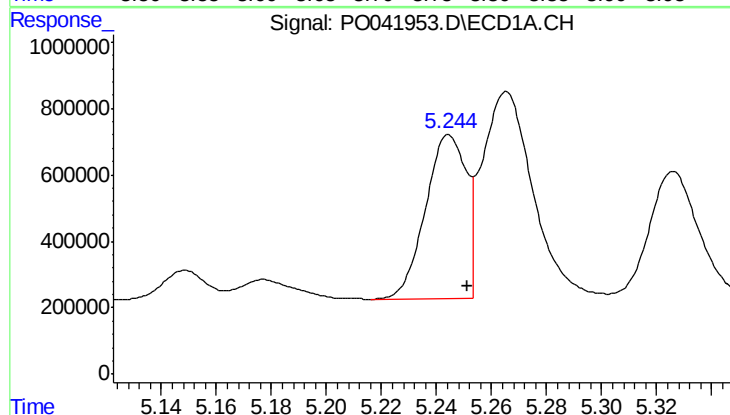
R.T.: 4.474 min
Delta R.T.: -0.007 min
Response: 2431748
Conc: 693.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



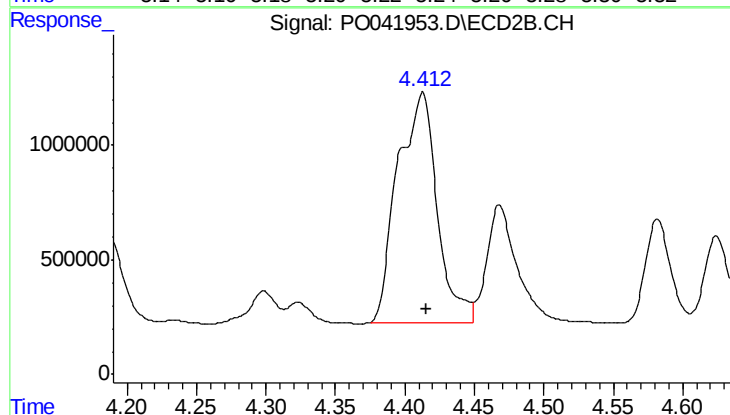
#11 AR-1232-1

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 3637429
Conc: 738.67 ng/ml



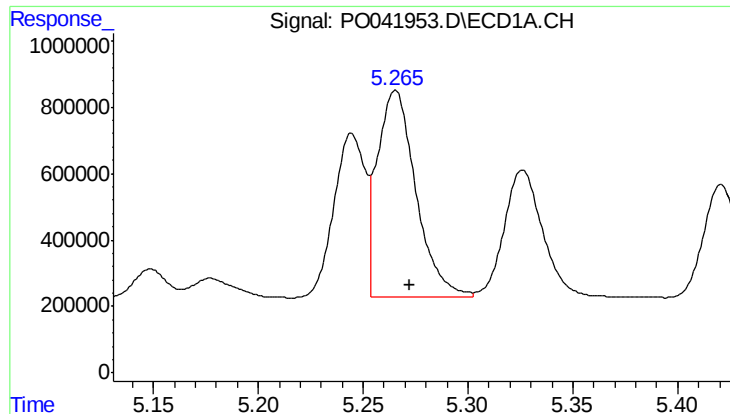
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: -0.007 min
Response: 5088638
Conc: 1933.59 ng/ml



#12 AR-1232-2

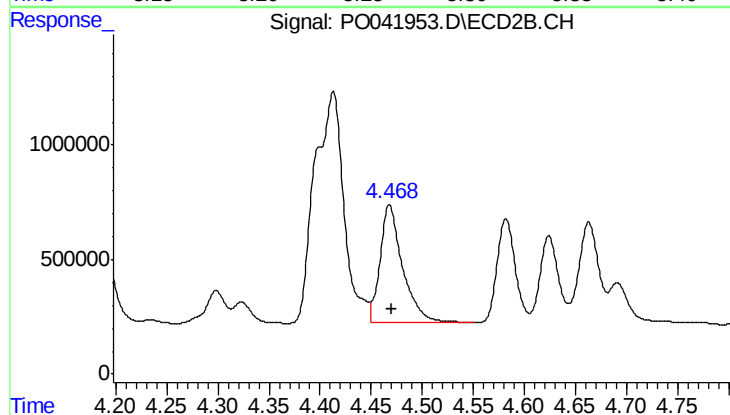
R.T.: 4.413 min
Delta R.T.: -0.002 min
Response: 19902420
Conc: 1979.41 ng/ml



#13 AR-1232-3

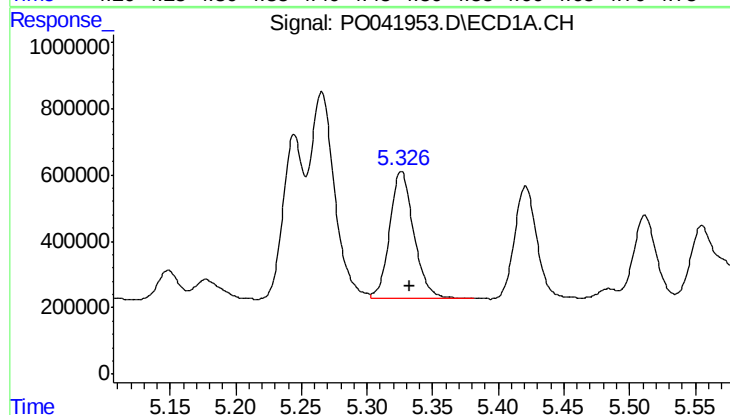
R.T.: 5.266 min
Delta R.T.: -0.007 min
Response: 8055275
Conc: 1803.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



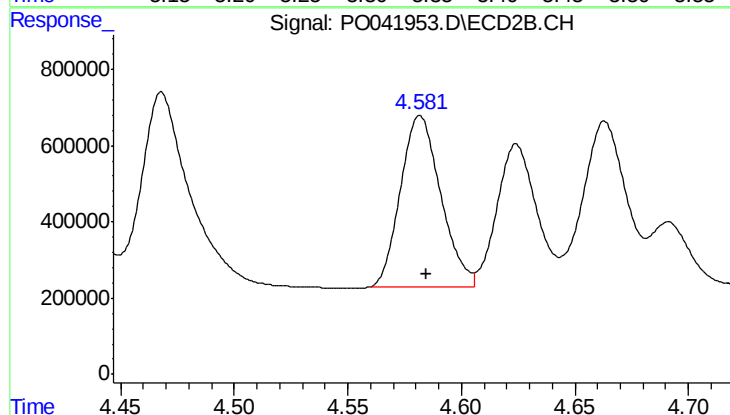
#13 AR-1232-3

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 7875545
Conc: 1909.86 ng/ml



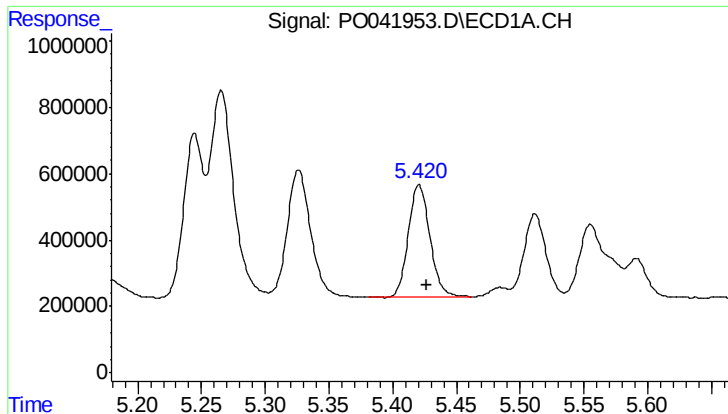
#14 AR-1232-4

R.T.: 5.326 min
Delta R.T.: -0.007 min
Response: 4919573
Conc: 1786.63 ng/ml



#14 AR-1232-4

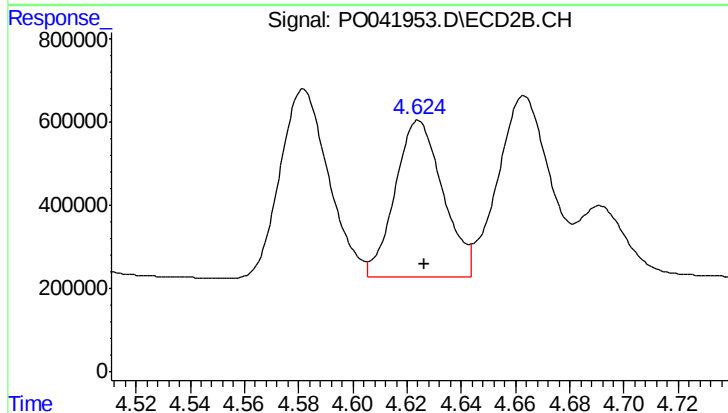
R.T.: 4.582 min
Delta R.T.: -0.003 min
Response: 5541703
Conc: 1788.52 ng/ml



#15 AR-1232-5

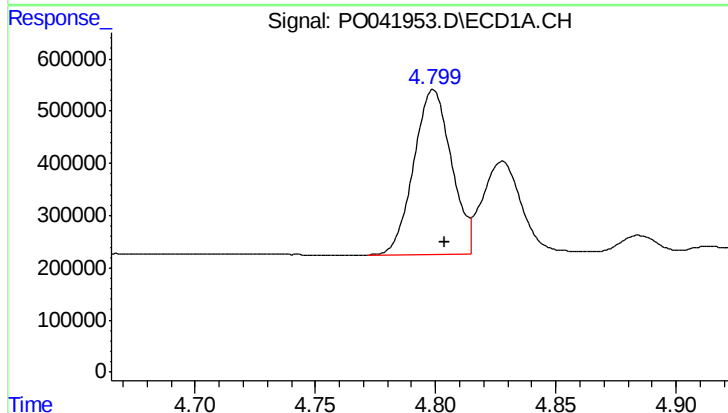
R.T.: 5.421 min
Delta R.T.: -0.006 min
Response: 3998595
Conc: 1904.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



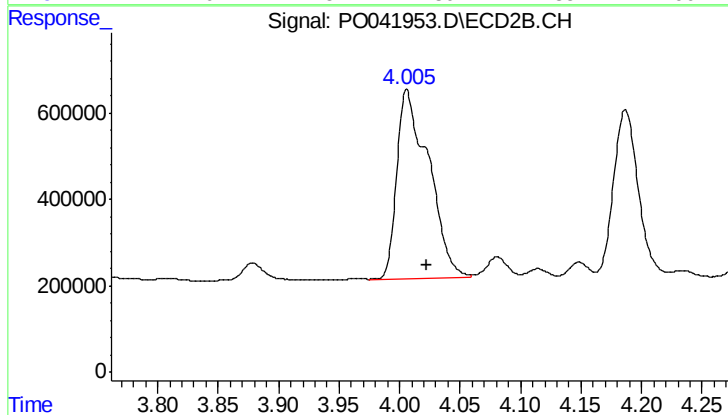
#15 AR-1232-5

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 4572349
Conc: 2114.86 ng/ml



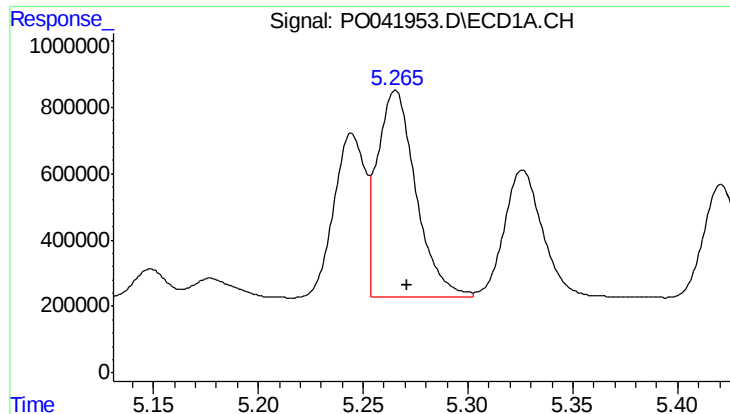
#16 AR-1242-1

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 3416506
Conc: 1102.03 ng/ml



#16 AR-1242-1

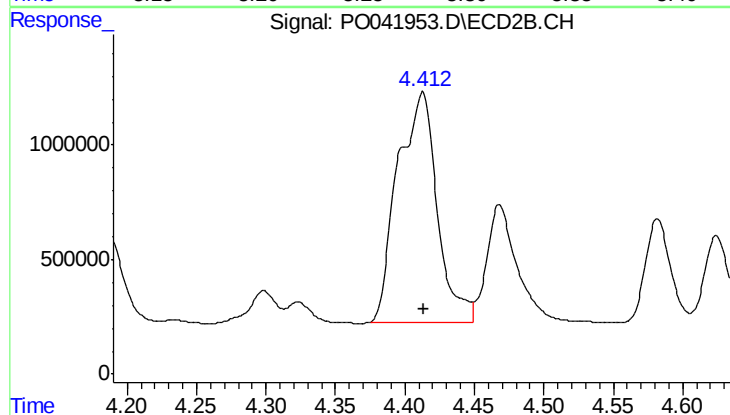
R.T.: 4.006 min
Delta R.T.: -0.016 min
Response: 7945868
Conc: 3131.06 ng/ml



#17 AR-1242-2

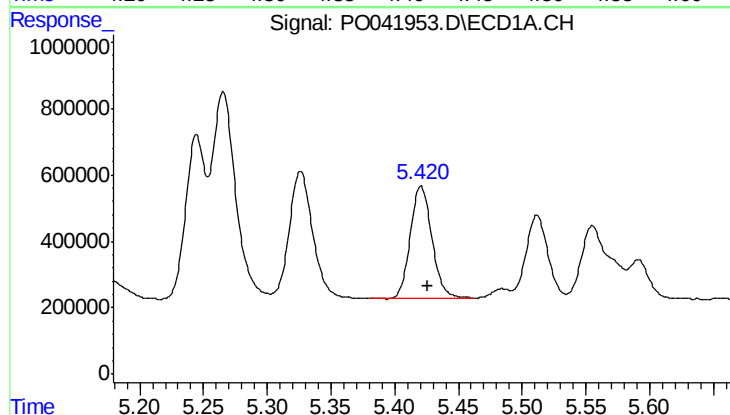
R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 8055275
Conc: 1095.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



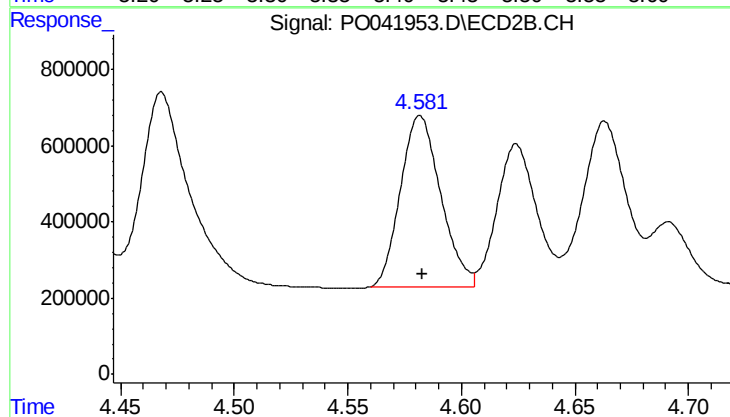
#17 AR-1242-2

R.T.: 4.413 min
Delta R.T.: -0.001 min
Response: 19902420
Conc: 1159.94 ng/ml



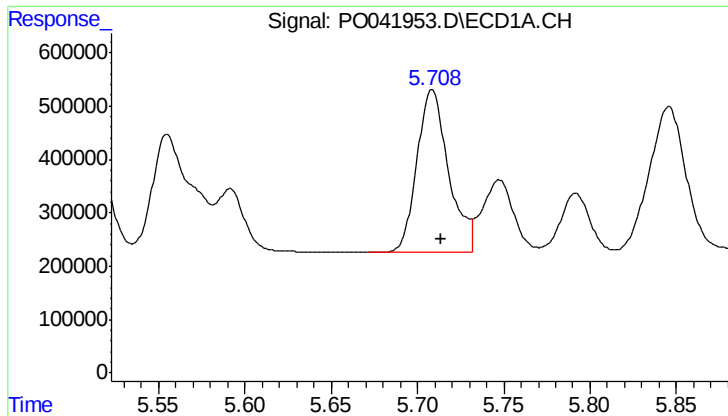
#18 AR-1242-3

R.T.: 5.421 min
Delta R.T.: -0.005 min
Response: 3998595
Conc: 1087.75 ng/ml



#18 AR-1242-3

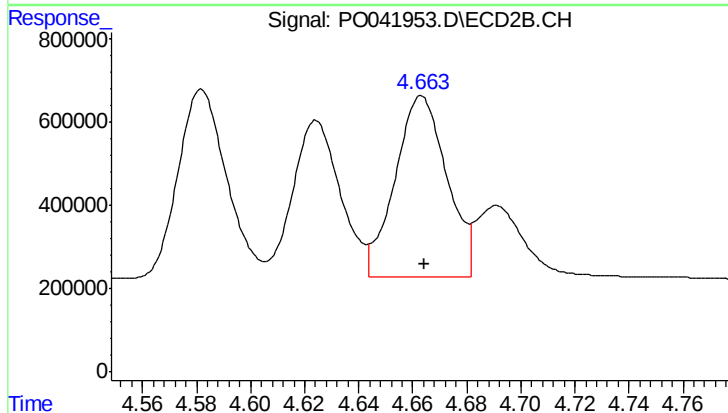
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 5541703
Conc: 1053.51 ng/ml



#19 AR-1242-4

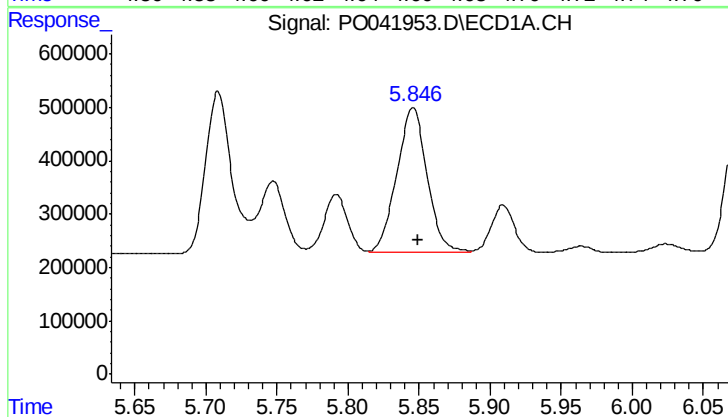
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 3840188
Conc: 1021.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



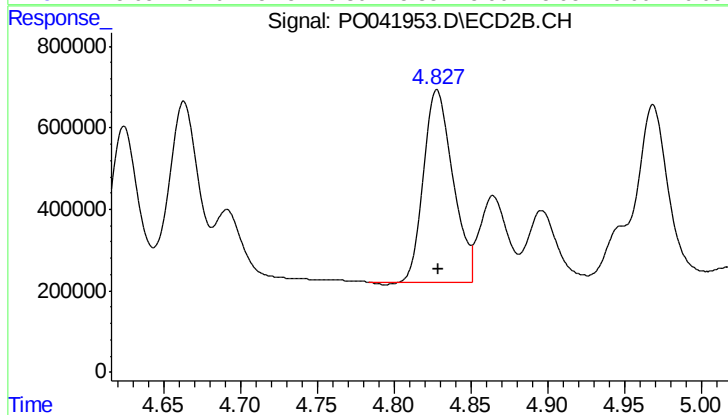
#19 AR-1242-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 5796005
Conc: 1107.14 ng/ml



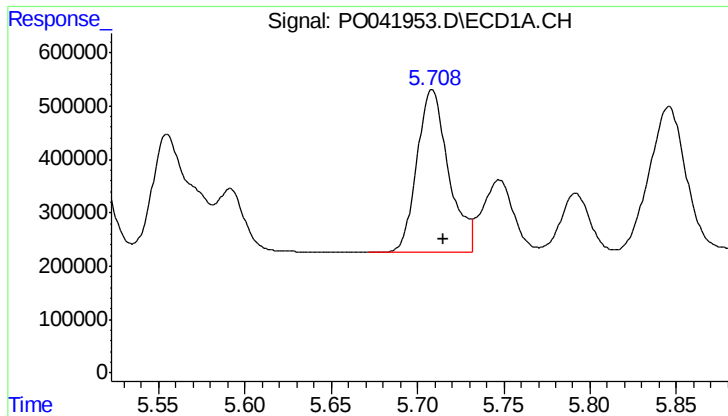
#20 AR-1242-5

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 4036985
Conc: 967.91 ng/ml



#20 AR-1242-5

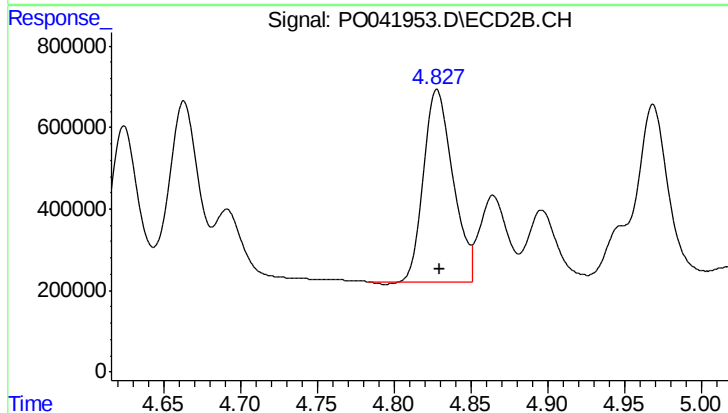
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 6232979
Conc: 1077.98 ng/ml



#21 AR-1248-1

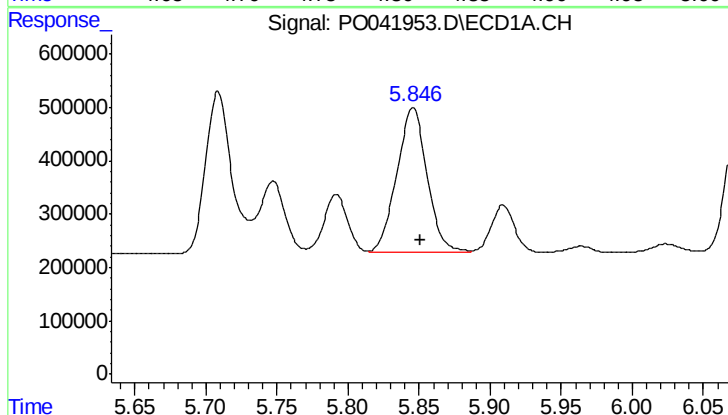
R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 3840188
Conc: 531.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



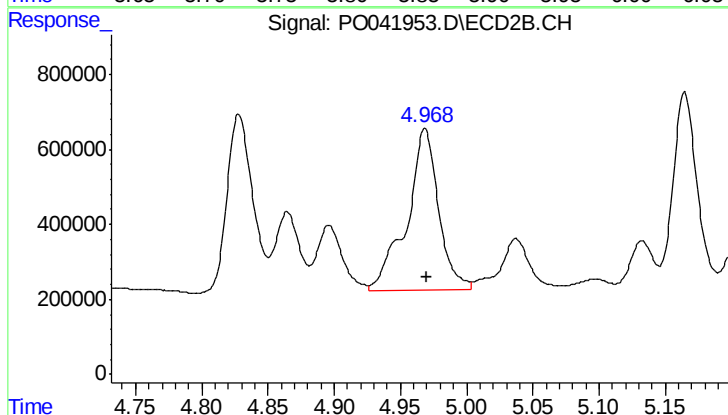
#21 AR-1248-1

R.T.: 4.828 min
Delta R.T.: -0.002 min
Response: 6232979
Conc: 570.16 ng/ml



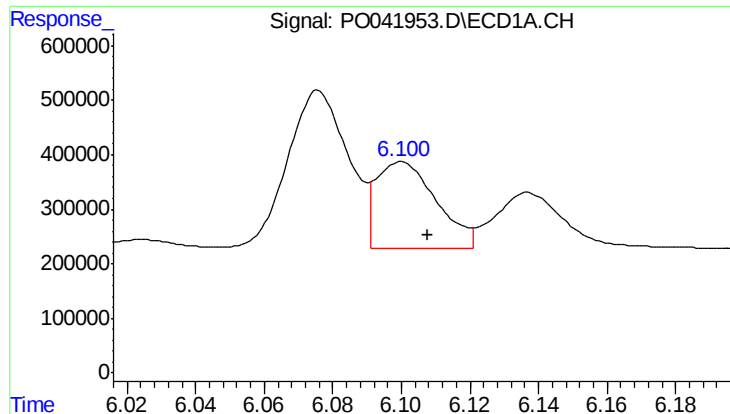
#22 AR-1248-2

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 4036985
Conc: 643.95 ng/ml



#22 AR-1248-2

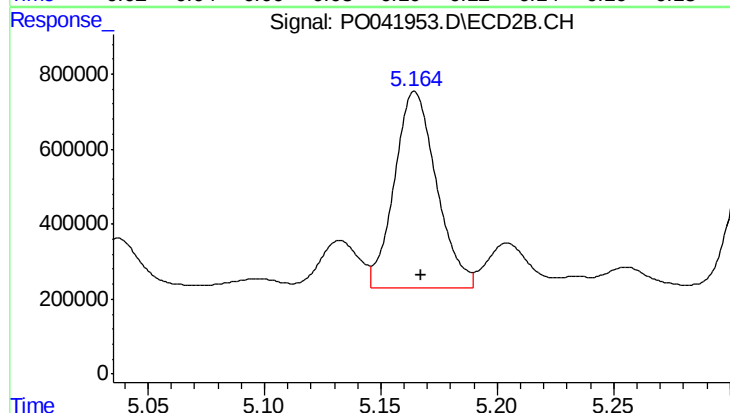
R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 7172095
Conc: 737.60 ng/ml



#23 AR-1248-3

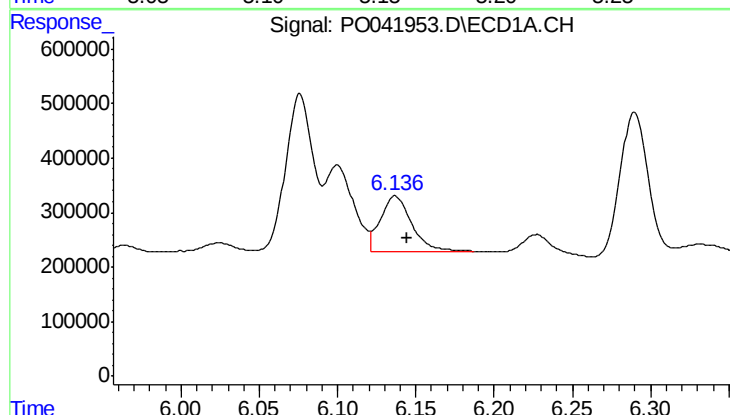
R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 1937306
Conc: 211.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



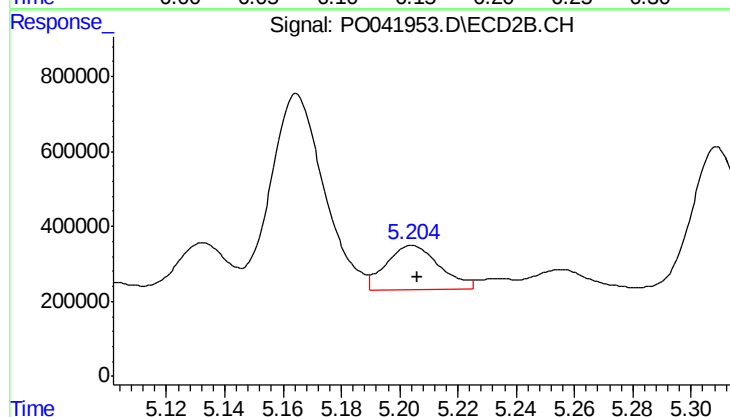
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 6566456
Conc: 387.16 ng/ml



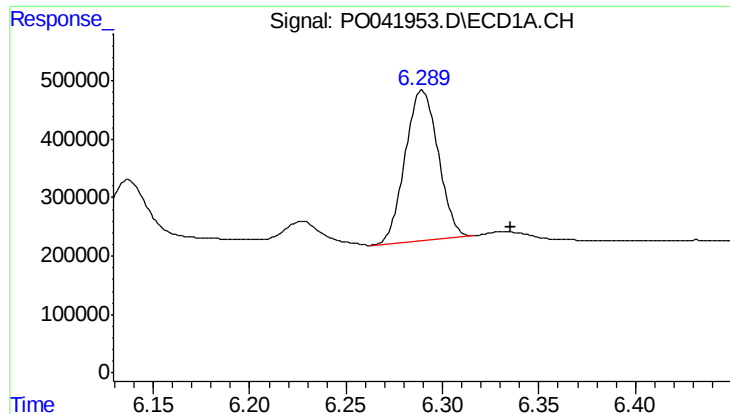
#24 AR-1248-4

R.T.: 6.137 min
Delta R.T.: -0.008 min
Response: 1416972
Conc: 158.12 ng/ml



#24 AR-1248-4

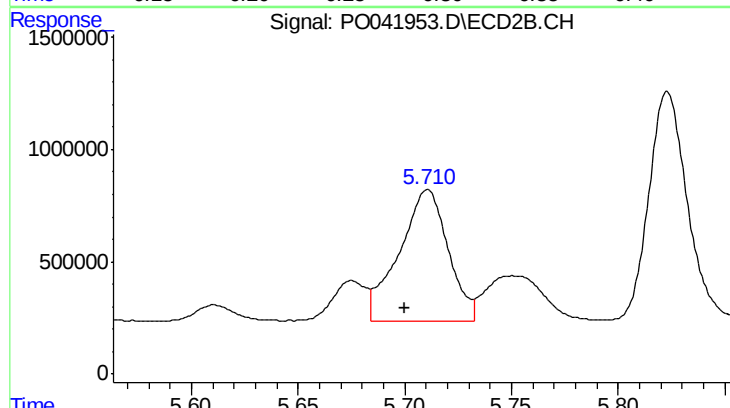
R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 1499895
Conc: 111.08 ng/ml



#25 AR-1248-5

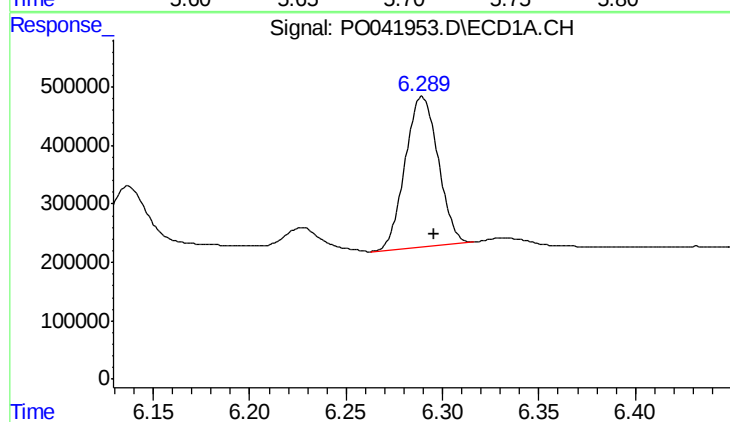
R.T.: 6.289 min
Delta R.T.: -0.046 min
Response: 3067277
Conc: 513.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



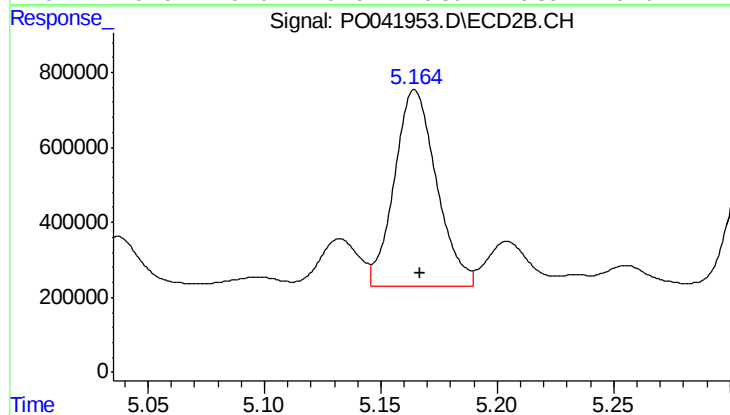
#25 AR-1248-5

R.T.: 5.711 min
Delta R.T.: 0.011 min
Response: 9358269
Conc: 1214.50 ng/ml



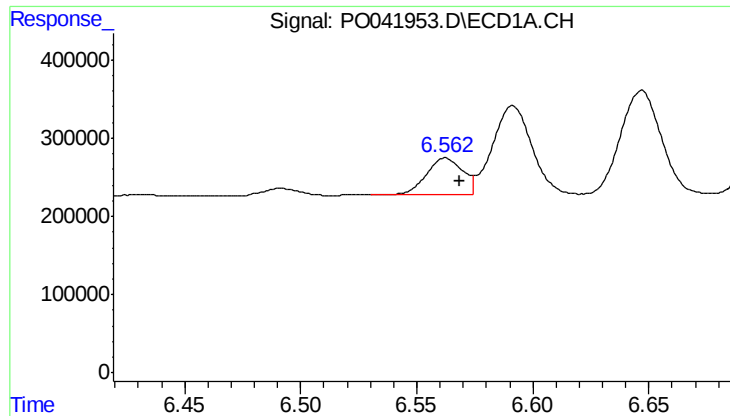
#26 AR-1254-1

R.T.: 6.289 min
Delta R.T.: -0.006 min
Response: 3067277
Conc: 217.89 ng/ml



#26 AR-1254-1

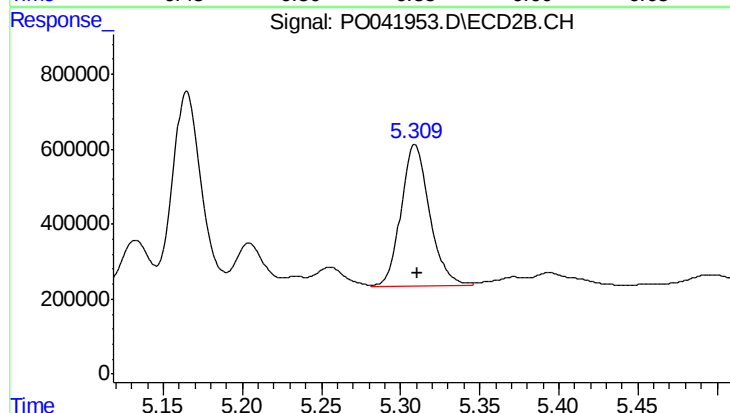
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 6566456
Conc: 355.02 ng/ml



#27 AR-1254-2

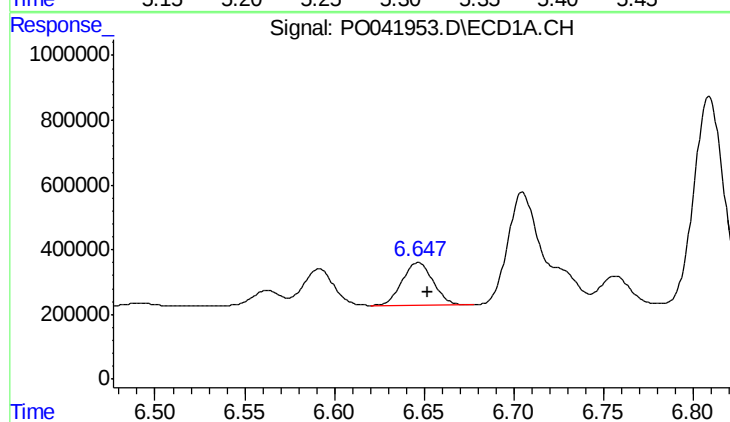
R.T.: 6.563 min
Delta R.T.: -0.006 min
Response: 499974
Conc: 57.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



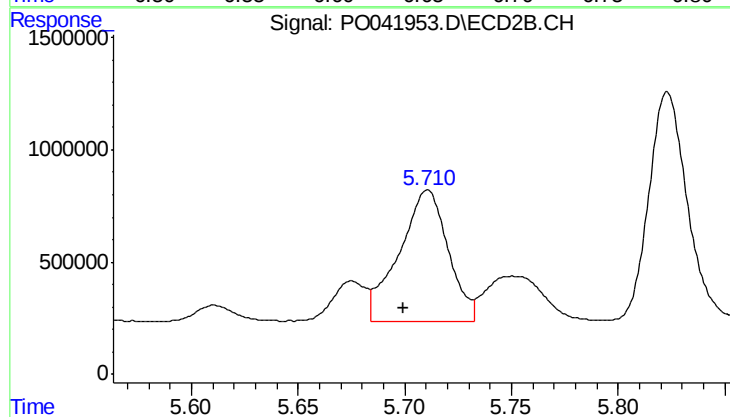
#27 AR-1254-2

R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 4807189
Conc: 290.71 ng/ml



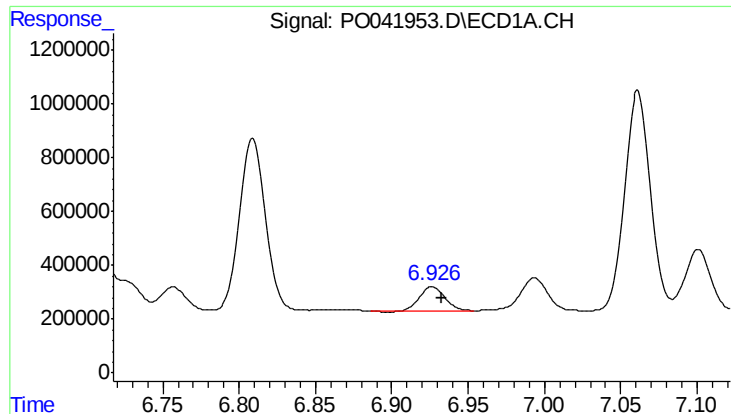
#28 AR-1254-3

R.T.: 6.647 min
Delta R.T.: -0.005 min
Response: 1577875
Conc: 101.80 ng/ml



#28 AR-1254-3

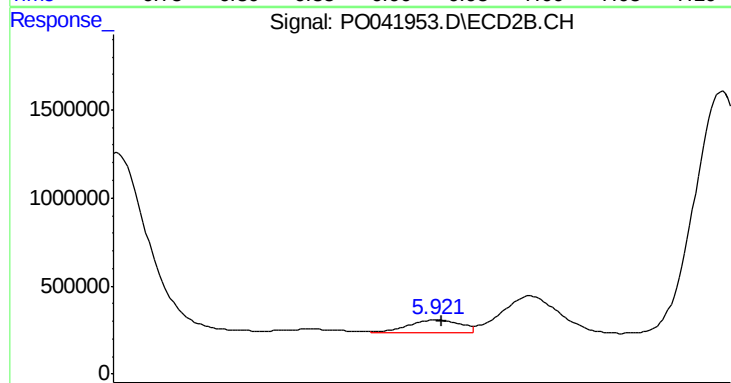
R.T.: 5.711 min
Delta R.T.: 0.011 min
Response: 9358269
Conc: 340.15 ng/ml



#29 AR-1254-4

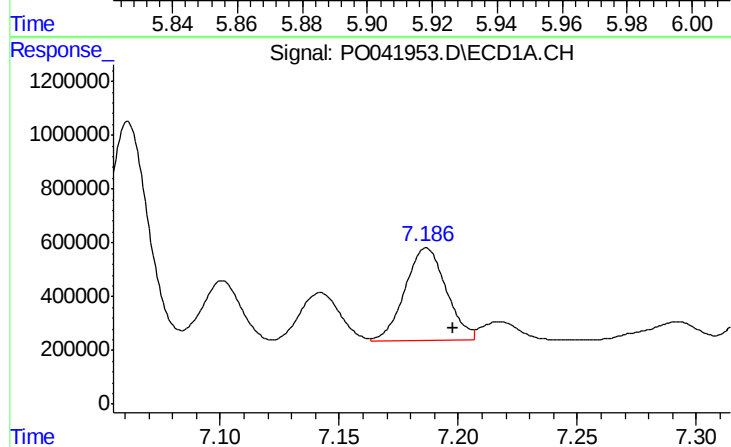
R.T.: 6.926 min
Delta R.T.: -0.006 min
Response: 1057516
Conc: 80.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



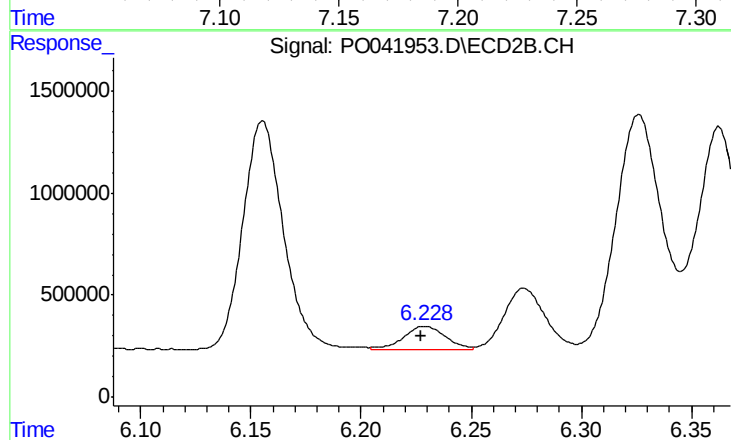
#29 AR-1254-4

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 864075
Conc: 44.34 ng/ml



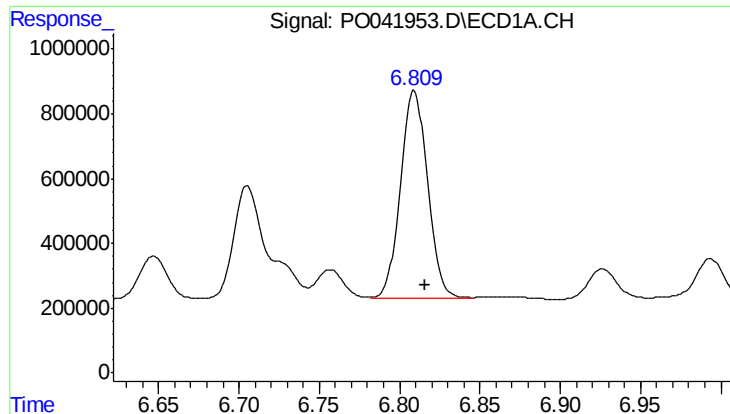
#30 AR-1254-5

R.T.: 7.187 min
Delta R.T.: -0.011 min
Response: 4151548
Conc: 441.02 ng/ml



#30 AR-1254-5

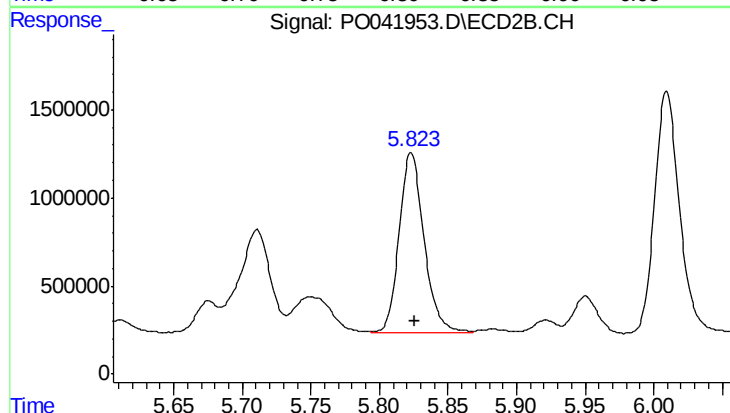
R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 1460658
Conc: 110.27 ng/ml



#31 AR-1260-1

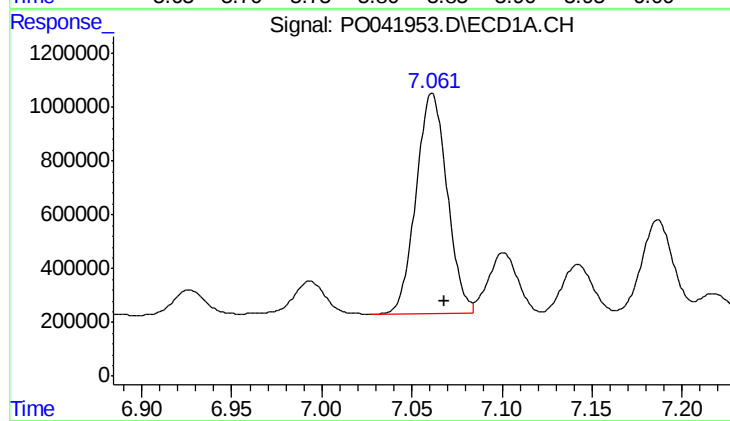
R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 7511724
Conc: 597.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



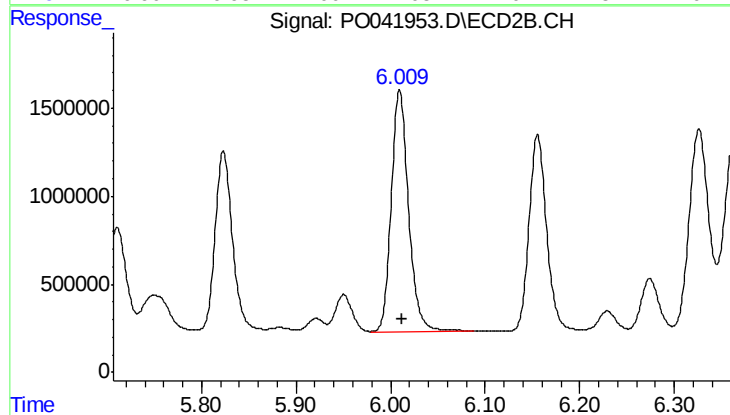
#31 AR-1260-1

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 13030749
Conc: 610.44 ng/ml



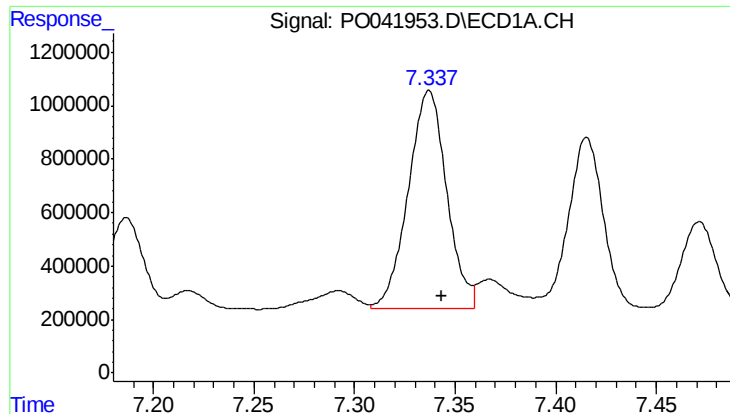
#32 AR-1260-2

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 9822891
Conc: 564.55 ng/ml



#32 AR-1260-2

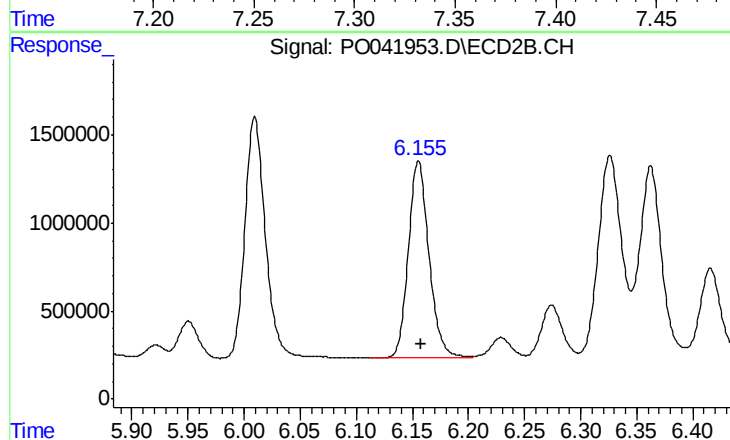
R.T.: 6.009 min
Delta R.T.: -0.002 min
Response: 17327025
Conc: 548.55 ng/ml



#33 AR-1260-3

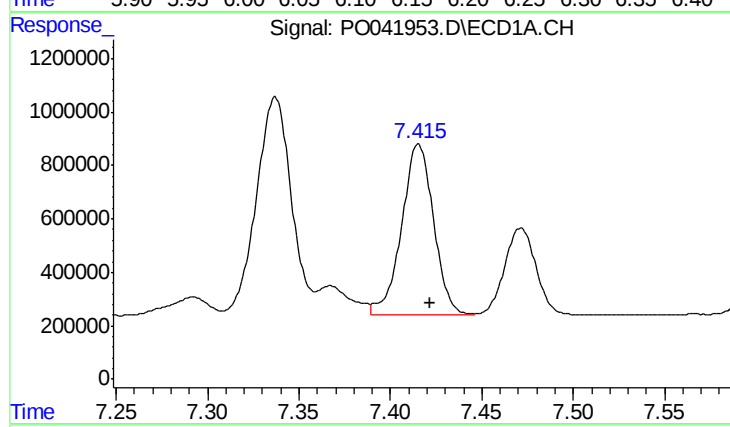
R.T.: 7.337 min
Delta R.T.: -0.006 min
Response: 10890820
Conc: 542.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



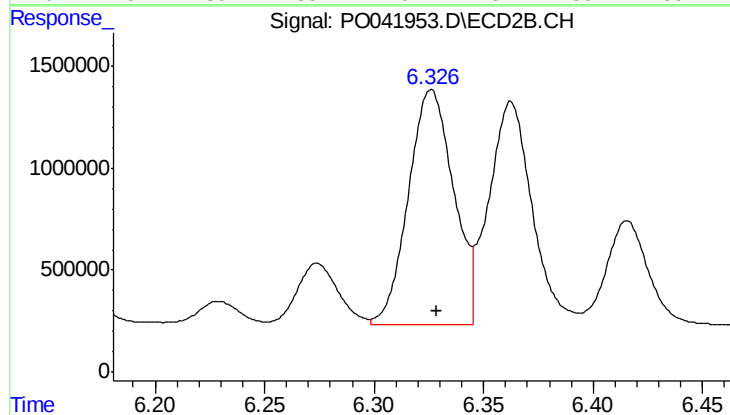
#33 AR-1260-3

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 14270760
Conc: 546.77 ng/ml



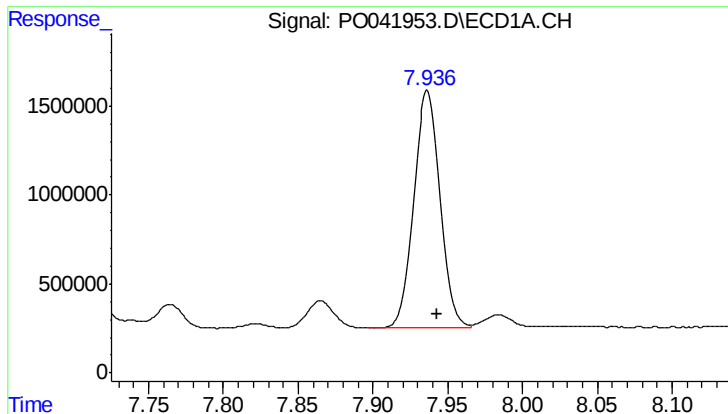
#34 AR-1260-4

R.T.: 7.415 min
Delta R.T.: -0.007 min
Response: 7796154
Conc: 662.82 ng/ml



#34 AR-1260-4

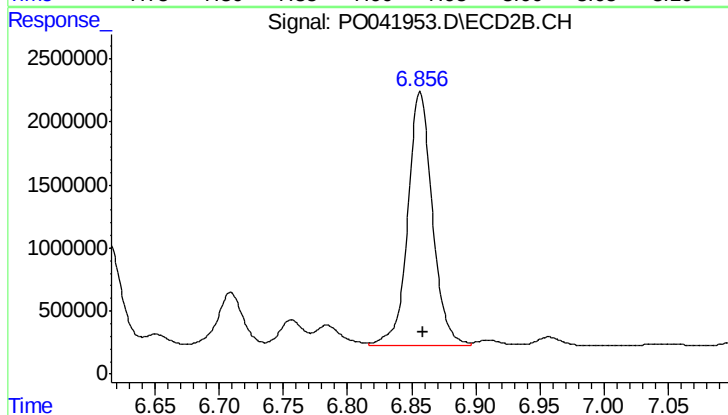
R.T.: 6.326 min
Delta R.T.: -0.003 min
Response: 16508975
Conc: 484.17 ng/ml



#35 AR-1260-5

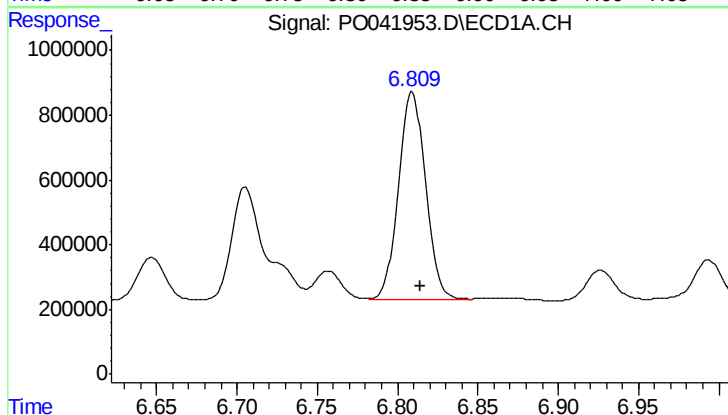
R.T.: 7.936 min
Delta R.T.: -0.007 min
Response: 16273338
Conc: 618.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



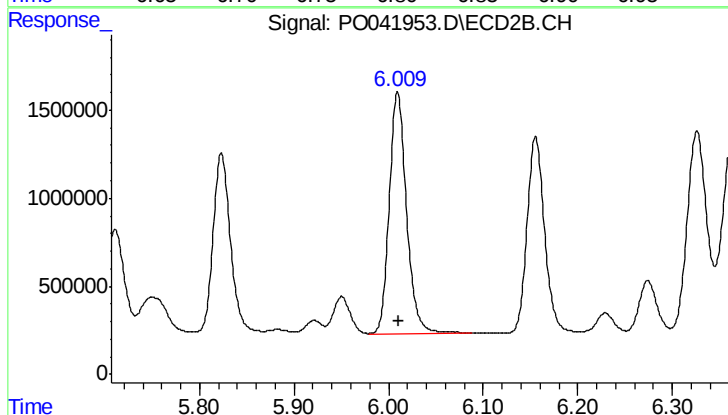
#35 AR-1260-5

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 26852294
Conc: 500.47 ng/ml



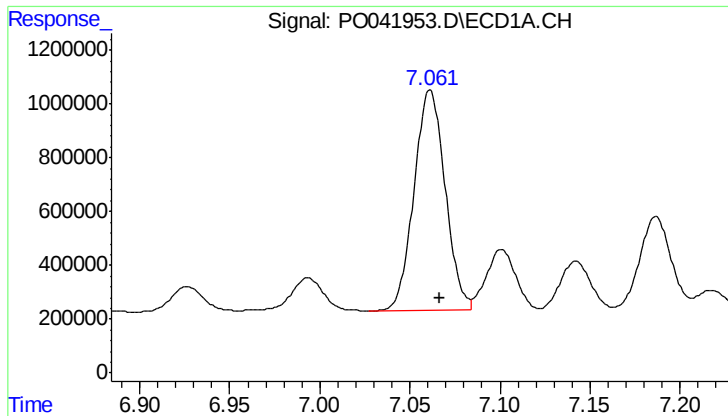
#36 AR-1262-1

R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 7511724
Conc: 794.25 ng/ml



#36 AR-1262-1

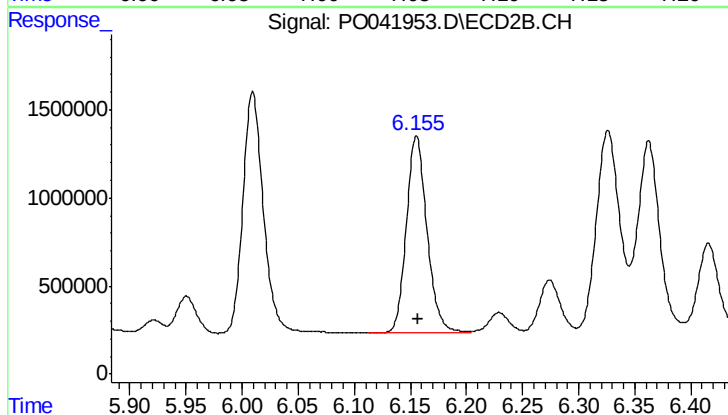
R.T.: 6.009 min
Delta R.T.: -0.002 min
Response: 17327025
Conc: 780.13 ng/ml



#37 AR-1262-2

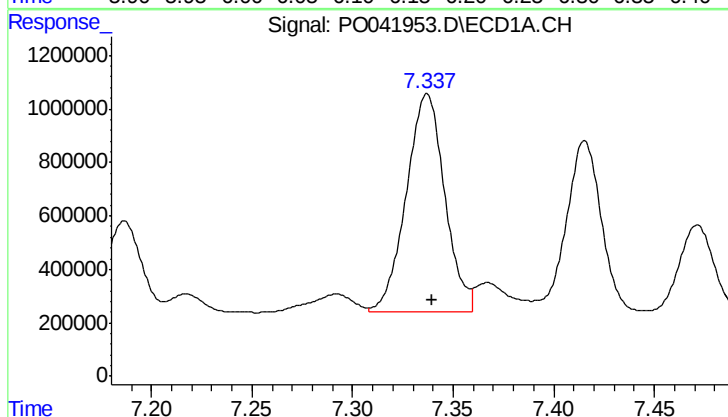
R.T.: 7.061 min
Delta R.T.: -0.005 min
Response: 9822891
Conc: 843.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



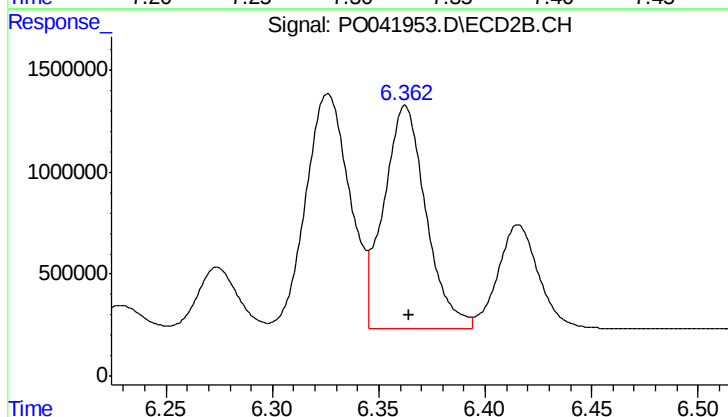
#37 AR-1262-2

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 14270760
Conc: 709.62 ng/ml



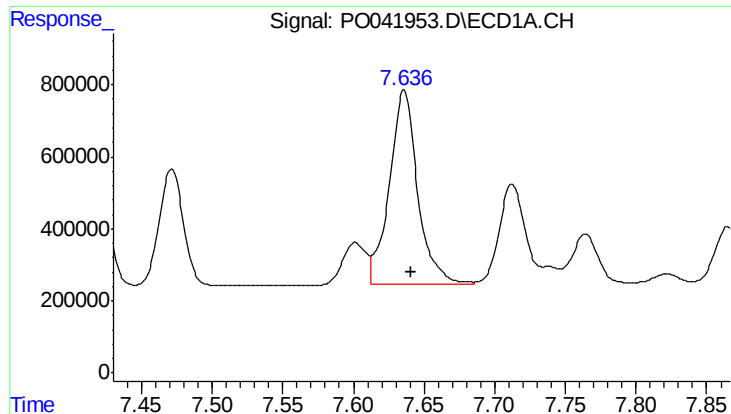
#38 AR-1262-3

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 10890820
Conc: 946.49 ng/ml



#38 AR-1262-3

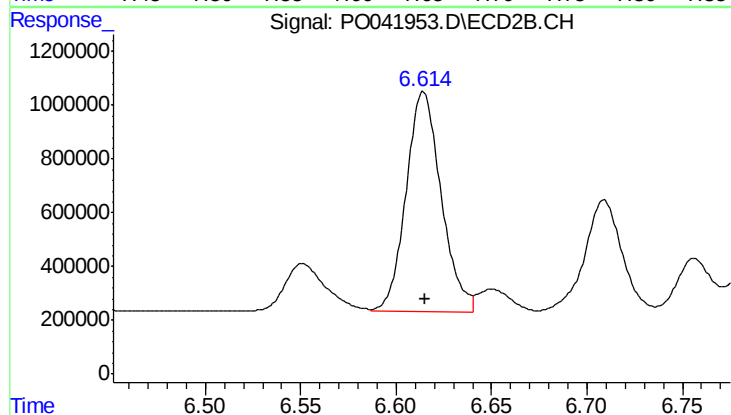
R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 15079862
Conc: 406.86 ng/ml



#39 AR-1262-4

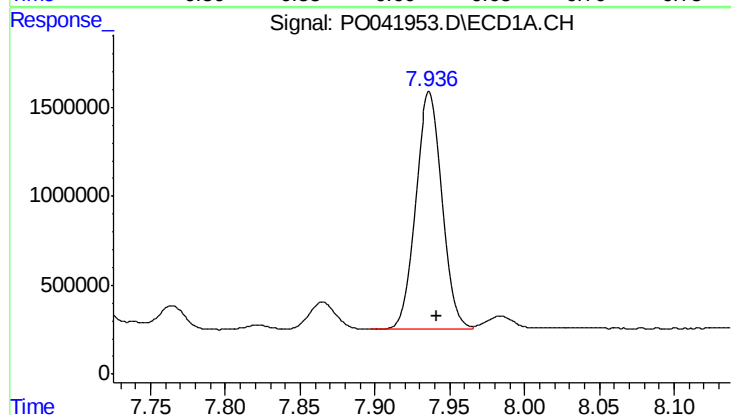
R.T.: 7.636 min
Delta R.T.: -0.005 min
Response: 7531840
Conc: 490.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



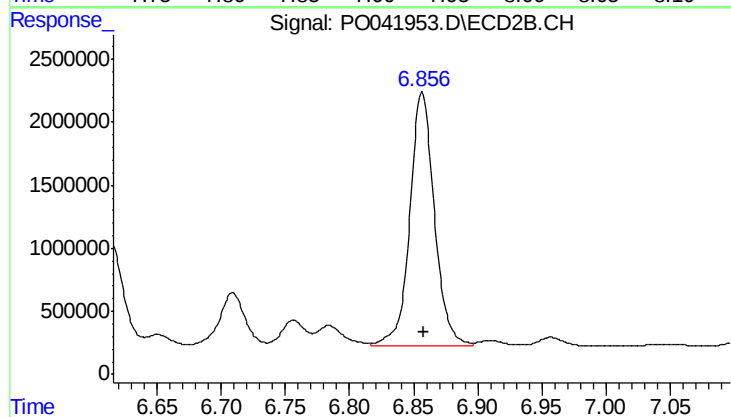
#39 AR-1262-4

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 10498463
Conc: 379.05 ng/ml



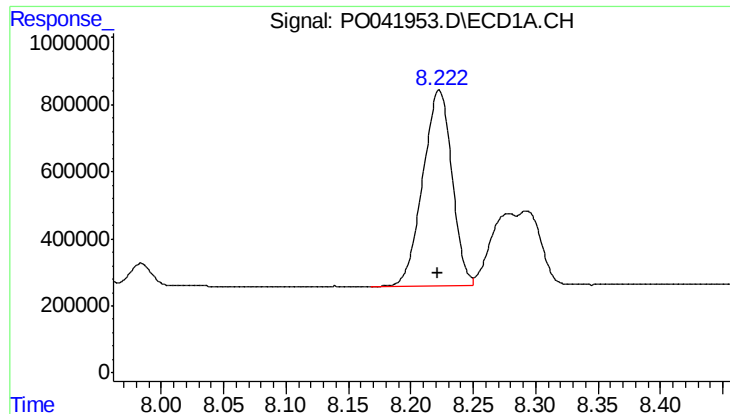
#40 AR-1262-5

R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 16273338
Conc: 505.51 ng/ml



#40 AR-1262-5

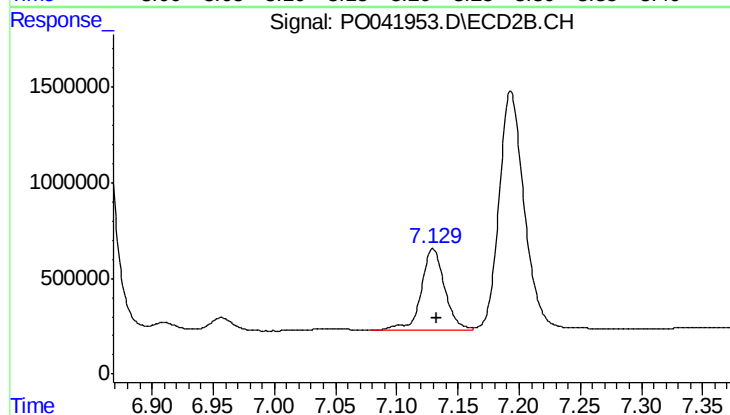
R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 26852294
Conc: 423.82 ng/ml



#41 AR-1268-1

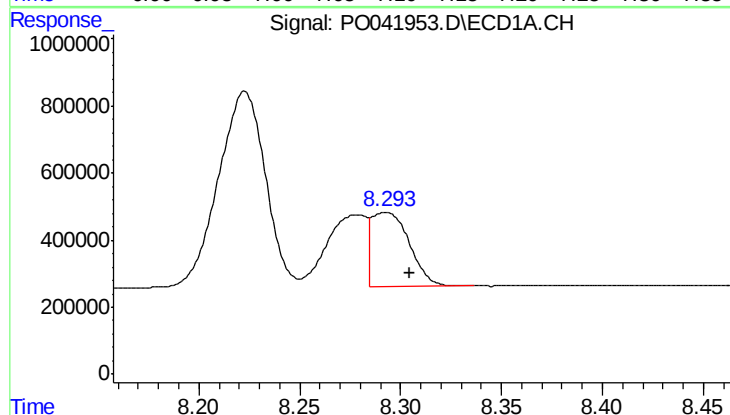
R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 9445837
Conc: 249.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



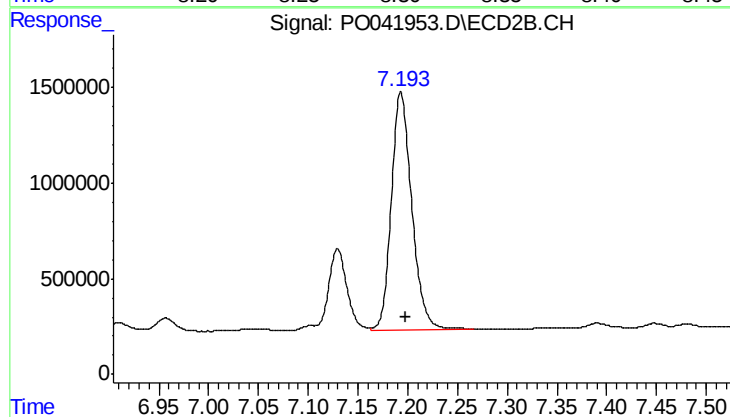
#41 AR-1268-1

R.T.: 7.130 min
Delta R.T.: -0.003 min
Response: 5668069
Conc: 77.34 ng/ml



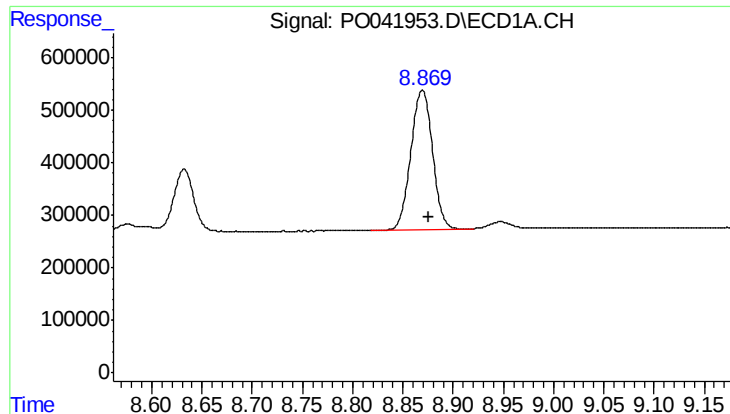
#42 AR-1268-2

R.T.: 8.293 min
Delta R.T.: -0.012 min
Response: 2851771
Conc: 85.95 ng/ml



#42 AR-1268-2

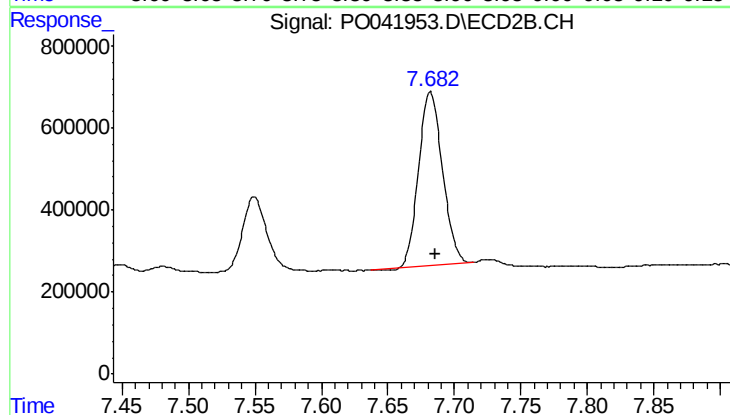
R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 17663661
Conc: 273.20 ng/ml



#44 AR-1268-4

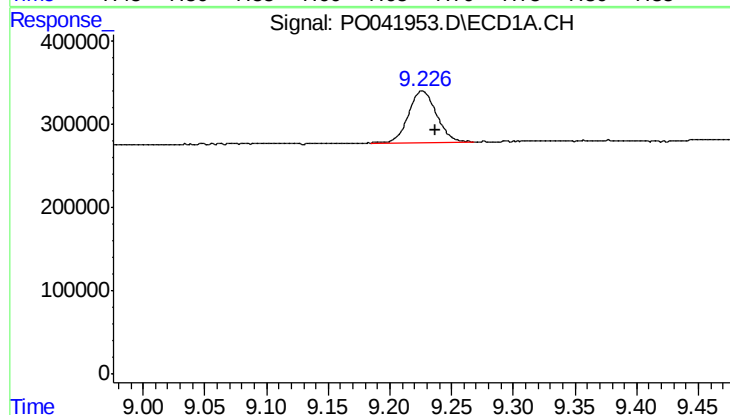
R.T.: 8.870 min
Delta R.T.: -0.007 min
Response: 3987056
Conc: 319.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



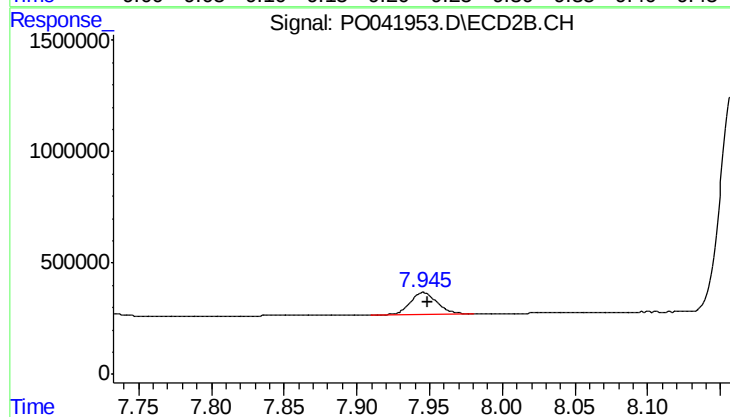
#44 AR-1268-4

R.T.: 7.682 min
Delta R.T.: -0.003 min
Response: 5297545
Conc: 238.47 ng/ml



#45 AR-1268-5

R.T.: 9.226 min
Delta R.T.: -0.011 min
Response: 965014
Conc: 11.95 ng/ml



#45 AR-1268-5

R.T.: 7.946 min
Delta R.T.: -0.003 min
Response: 1220930
Conc: 8.48 ng/ml