

Data Path : P:\HPCHEM1\ECD_0\Data\P0013018\
 Data File : P0041914.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2018 21:33
 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 29 22:12:14 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...	4.122	3.366	13652435	19242011	70.735	66.285
2) SA Decachlor...	9.523	8.162	8978718	11561693	38.215	32.330
Target Compounds						
3) L1 AR-1016-1	4.991	4.188	3268997	4494020	631.382	597.960
4) L1 AR-1016-2	5.332	4.625	4418286	4096856	616.009	583.398
5) L1 AR-1016-3	5.427	4.664	3473625	4801205	582.897	567.006
6) L1 AR-1016-4	5.714	4.829	3228593	4865997	533.470	522.189
7) L1 AR-1016-5	5.850	4.969	3411632	5607839	528.152	565.616
8) L2 AR-1221-1	4.319	3.569	412354	565926	221.701	220.245
9) L2 AR-1221-2	4.408	3.651	635720	851251	447.516	450.026
10) L2 AR-1221-3	4.480	3.723	2385975	3206901	515.616	512.790
11) L3 AR-1232-1	4.480	3.723	2385975	3206901	680.844	651.245
12) L3 AR-1232-2	5.251	4.414	4408656	16665359	1675.210	1657.470
13) L3 AR-1232-3	5.271	4.469	7144134	6735405	1599.625	1633.367
14) L3 AR-1232-4	5.332	4.583	4418286	4981887	1604.580	1607.844
15) L3 AR-1232-5	5.427	4.625	3473625	4096856	1654.278	1894.925
16) L4 AR-1242-1	4.805	4.006	3211349	7151395	1035.851	2818.001 #
17) L4 AR-1242-2	5.271	4.414	7144134	16665359	971.266	971.283
18) L4 AR-1242-3	5.427	4.583	3473625	4981887	944.940	947.085
19) L4 AR-1242-4	5.714	4.664	3228593	4801205	858.621	917.117
20) L4 AR-1242-5	5.850	4.829	3411632	4865997	817.977	841.562
21) L5 AR-1248-1	5.714	4.829	3228593	4865997	446.465	445.115
22) L5 AR-1248-2	5.850	4.969	3411632	5607839	544.201	576.725
23) L5 AR-1248-3	6.105	5.166	1155054	5711571	126.312	336.758 #
24) L5 AR-1248-4	6.144	5.204	998560	1175280	111.431	87.042
25) L5 AR-1248-5	6.294	5.712	2772846	7596861	464.164	985.905 #
26) L6 AR-1254-1	6.294	5.166	2772846	5711571	196.978	308.803 #
27) L6 AR-1254-2	6.567	5.310	611279	4295310	70.283	259.753 #
28) L6 AR-1254-3	6.651	5.712	1831536	7596861	118.170	276.128 #
29) L6 AR-1254-4	6.931	5.923	1422431	1233865	108.435	63.321 #
30) L6 AR-1254-5	7.191	6.230	2903581	1271203	308.446	95.971 #
31) L7 AR-1260-1	6.814	5.825	5228400	10099548	415.624	473.121
32) L7 AR-1260-2	7.066	6.011	6991736	14034624	401.838	444.321
33) L7 AR-1260-3	7.341	6.157	7713059	10898776	384.276	417.575
34) L7 AR-1260-4	7.420	6.328	4550857	13404298	386.909	393.119
35) L7 AR-1260-5	7.941	6.858	9741398	18892531	370.359	352.118
36) L8 AR-1262-1	6.814	6.011	5228400	14034624	552.826	631.889
37) L8 AR-1262-2	7.066	6.157	6991736	10898776	600.522	541.946
38) L8 AR-1262-3	7.341	6.364	7713059	10038741	670.317	270.846 #

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 Acq On : 29 Jan 2018 21:33
 Operator : SM/UA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

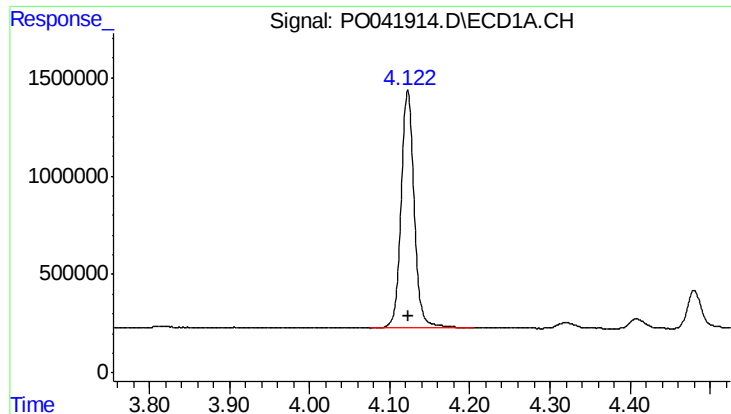
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 22:12:14 2018
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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	7.639	6.616	4681361	6853171	305.160	247.437
40) L8	AR-1262-5	7.941	6.858	9741398	18892531	302.606	298.188
41) L9	AR-1268-1	8.228	7.131	5869204	3482015	155.324	47.510 #
42) L9	AR-1268-2	8.298	7.195	1493699	11908897	45.018	184.194 #
44) L9	AR-1268-4	8.874	7.684	2337536	3136406	187.539	141.185
45) L9	AR-1268-5	9.234	7.948	550815	726089	6.819	5.044 #

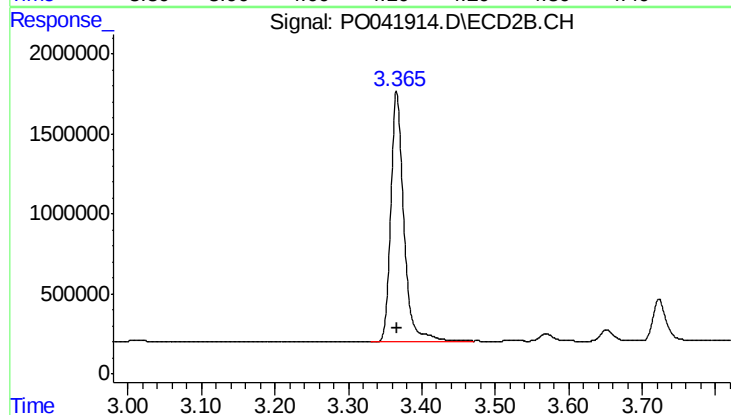
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

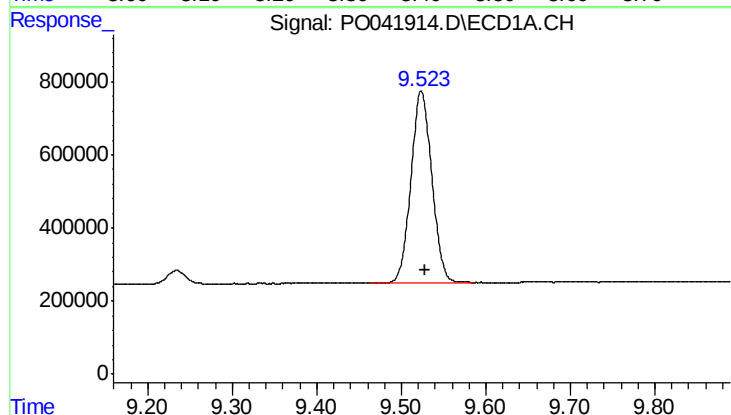
R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 13652435
Conc: 70.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



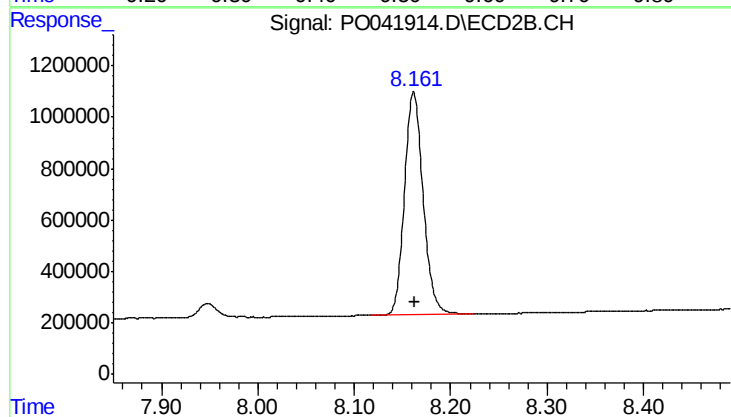
#1 Tetrachloro-m-xylene

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 19242011
Conc: 66.29 ng/ml



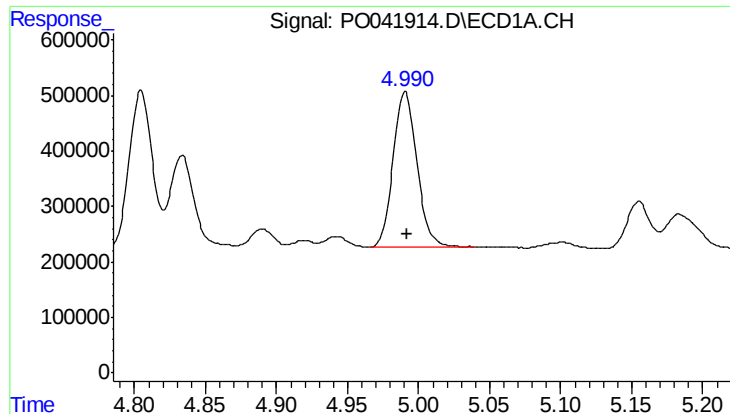
#2 Decachlorobiphenyl

R.T.: 9.523 min
Delta R.T.: -0.005 min
Response: 8978718
Conc: 38.21 ng/ml



#2 Decachlorobiphenyl

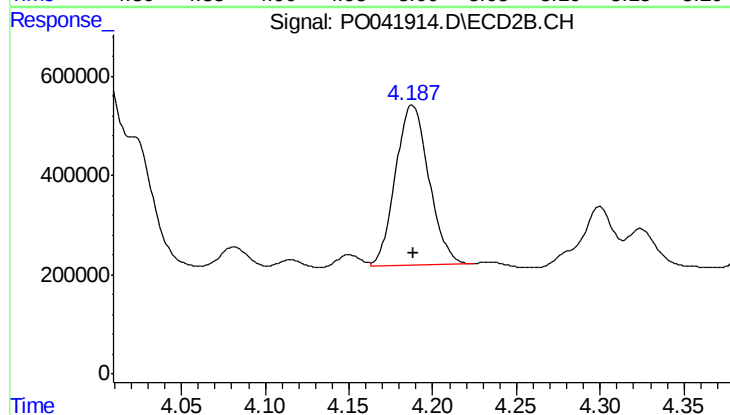
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 11561693
Conc: 32.33 ng/ml



#3 AR-1016-1

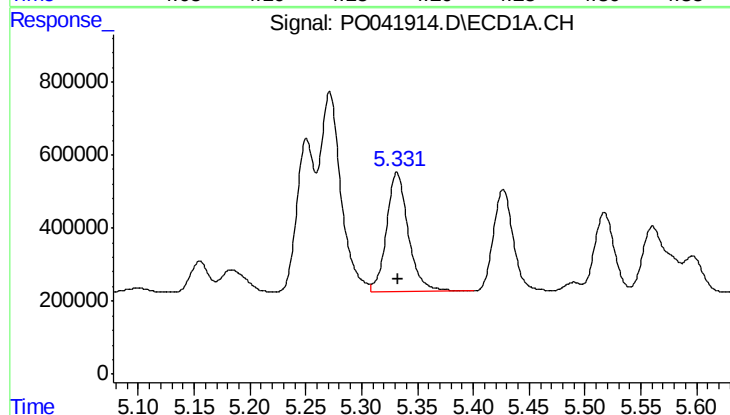
R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 3268997
Conc: 631.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



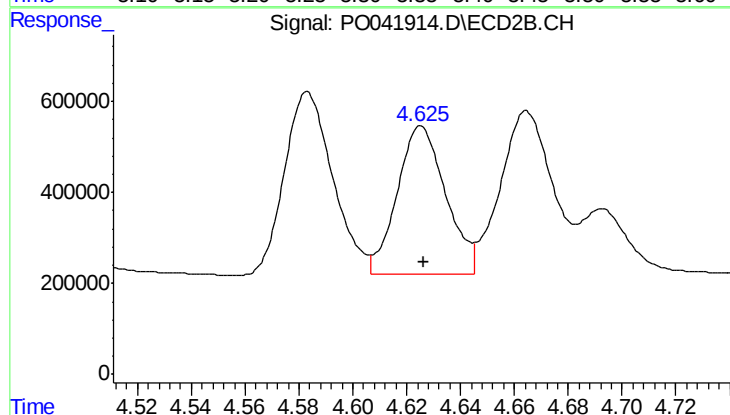
#3 AR-1016-1

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 4494020
Conc: 597.96 ng/ml



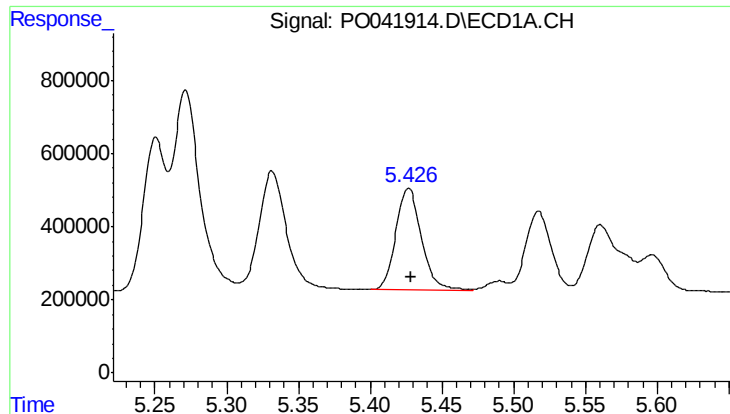
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 4418286
Conc: 616.01 ng/ml



#4 AR-1016-2

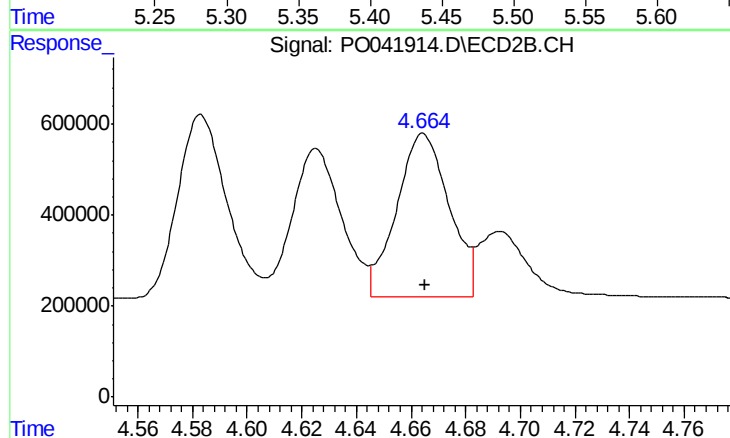
R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 4096856
Conc: 583.40 ng/ml



#5 AR-1016-3

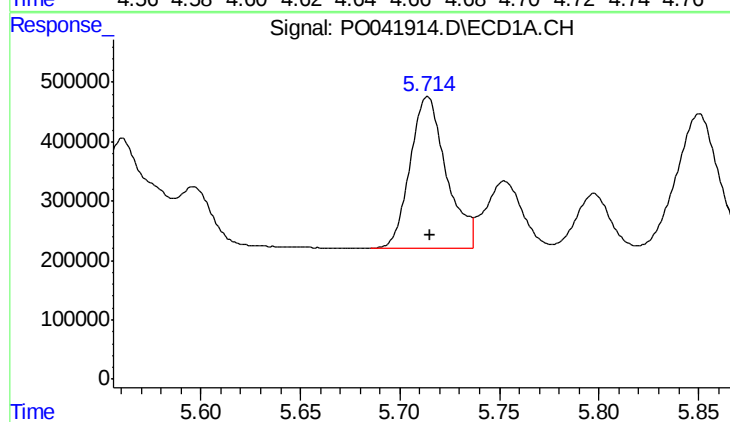
R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 3473625
Conc: 582.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



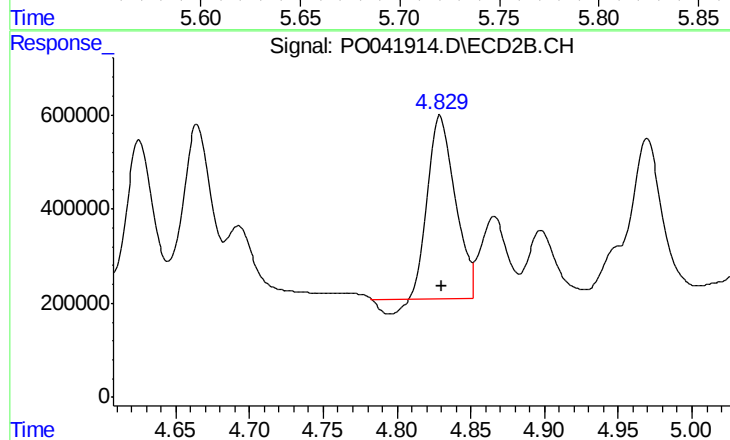
#5 AR-1016-3

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 4801205
Conc: 567.01 ng/ml



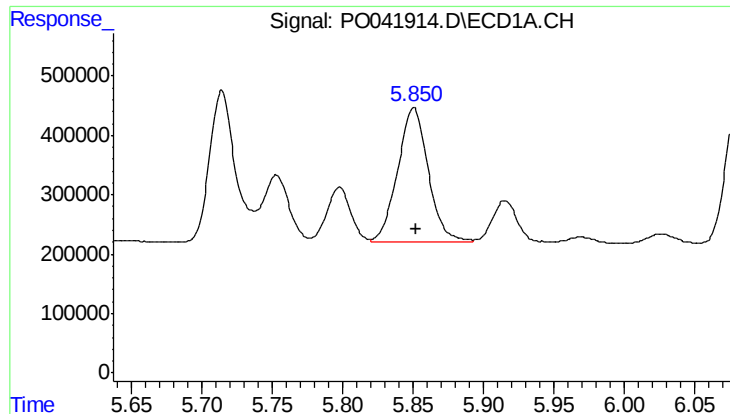
#6 AR-1016-4

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 3228593
Conc: 533.47 ng/ml



#6 AR-1016-4

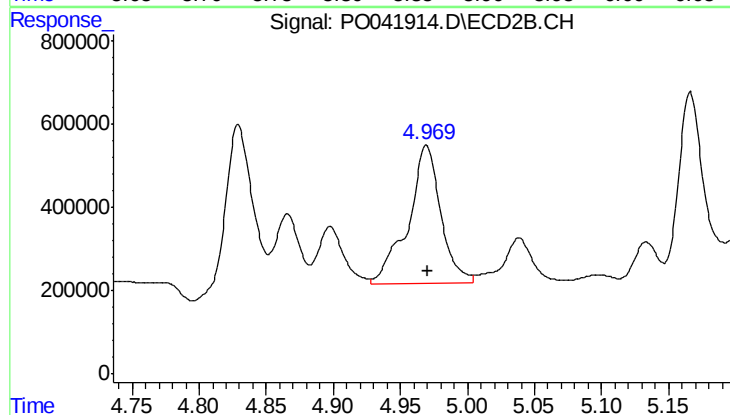
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 4865997
Conc: 522.19 ng/ml



#7 AR-1016-5

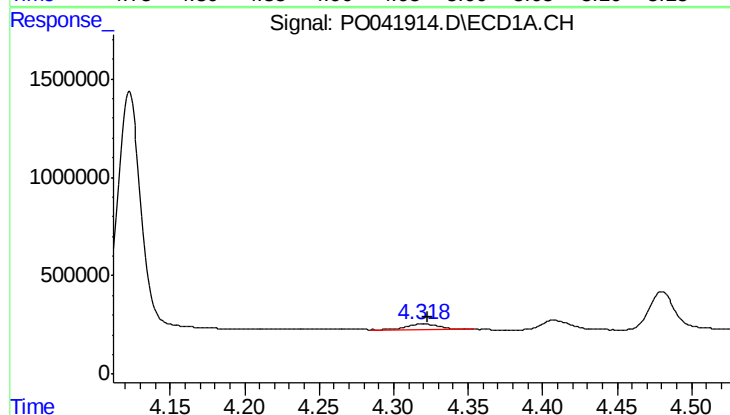
R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 3411632
Conc: 528.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



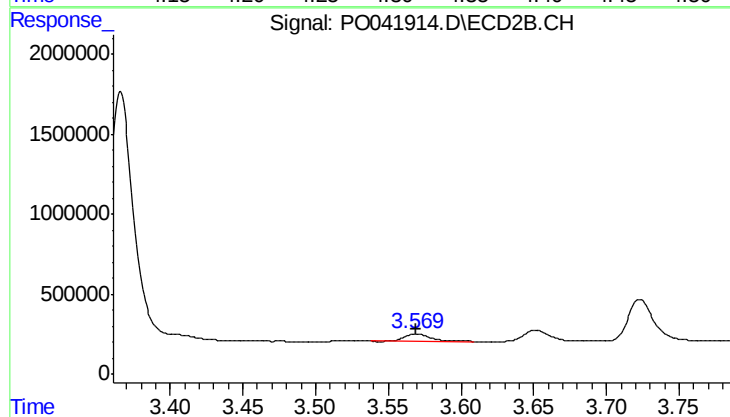
#7 AR-1016-5

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 5607839
Conc: 565.62 ng/ml



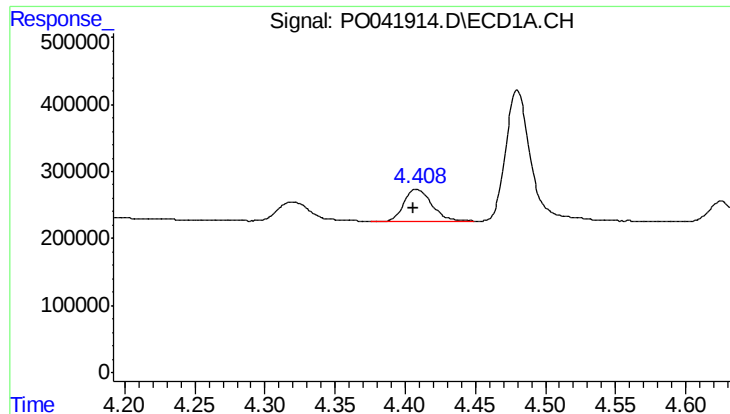
#8 AR-1221-1

R.T.: 4.319 min
Delta R.T.: -0.004 min
Response: 412354
Conc: 221.70 ng/ml



#8 AR-1221-1

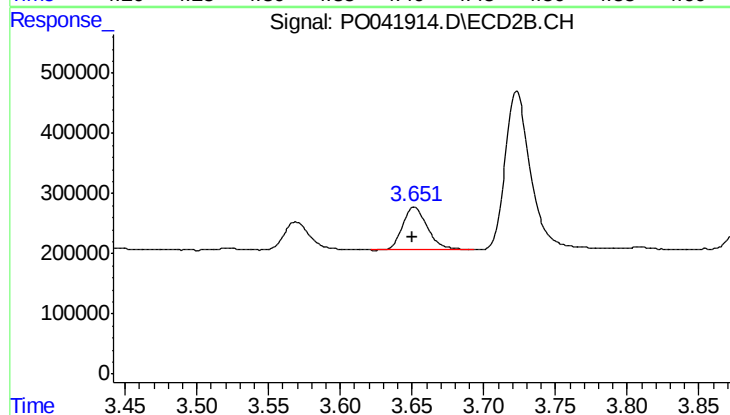
R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 565926
Conc: 220.25 ng/ml



#9 AR-1221-2

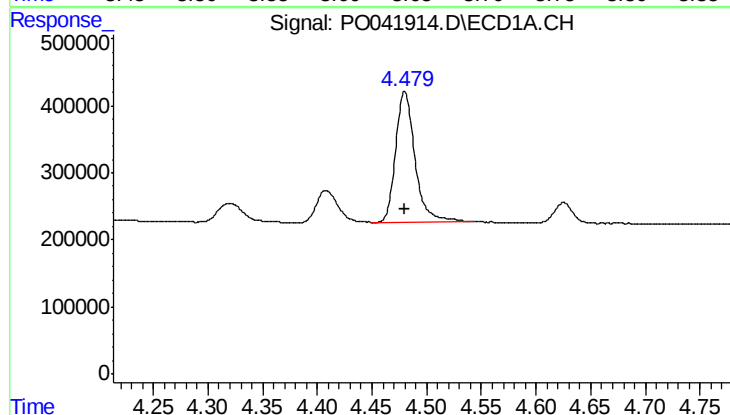
R.T.: 4.408 min
Delta R.T.: 0.002 min
Response: 635720
Conc: 447.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



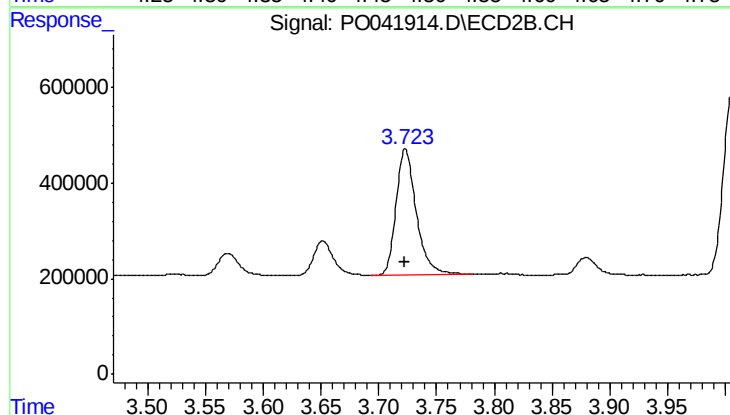
#9 AR-1221-2

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 851251
Conc: 450.03 ng/ml



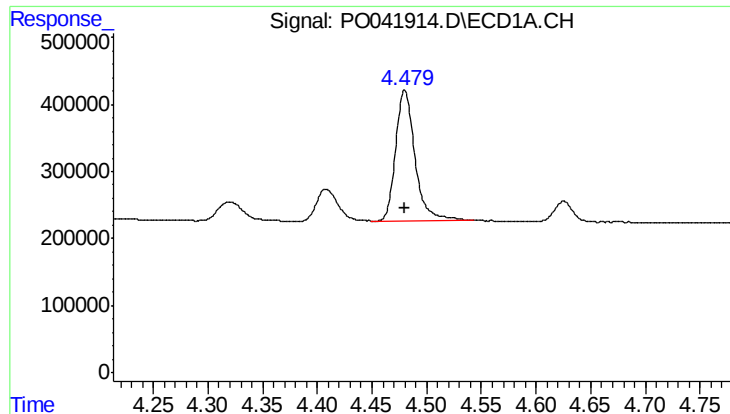
#10 AR-1221-3

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 2385975
Conc: 515.62 ng/ml



#10 AR-1221-3

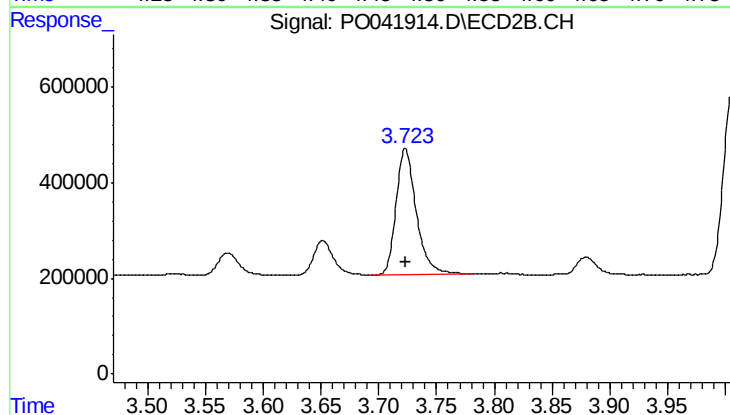
R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 3206901
Conc: 512.79 ng/ml



#11 AR-1232-1

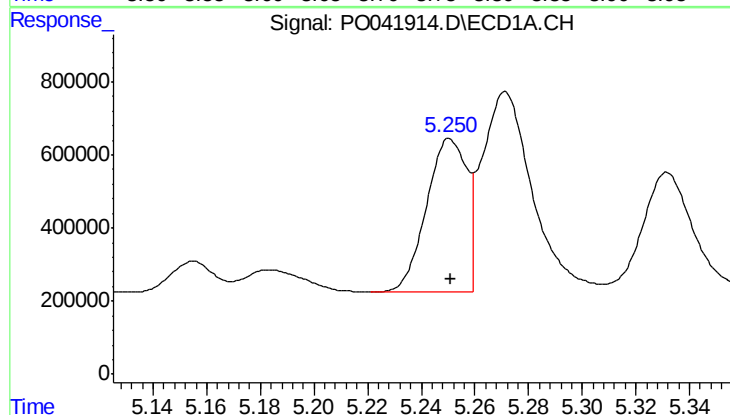
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 2385975
Conc: 680.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



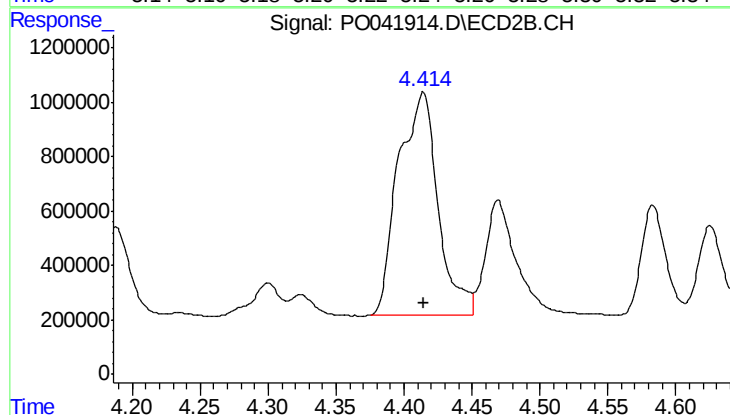
#11 AR-1232-1

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 3206901
Conc: 651.24 ng/ml



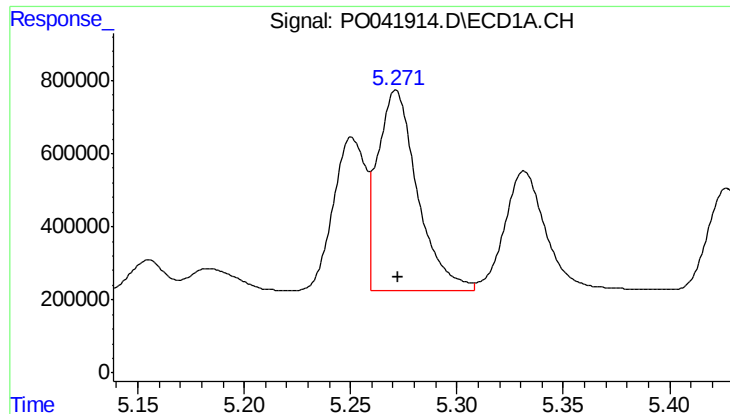
#12 AR-1232-2

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 4408656
Conc: 1675.21 ng/ml



#12 AR-1232-2

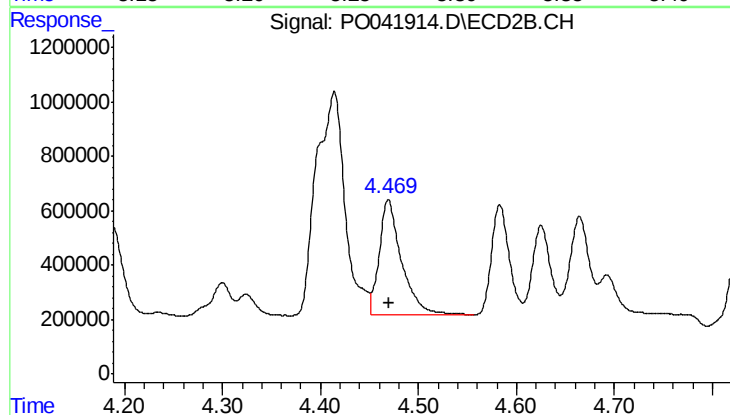
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 16665359
Conc: 1657.47 ng/ml



#13 AR-1232-3

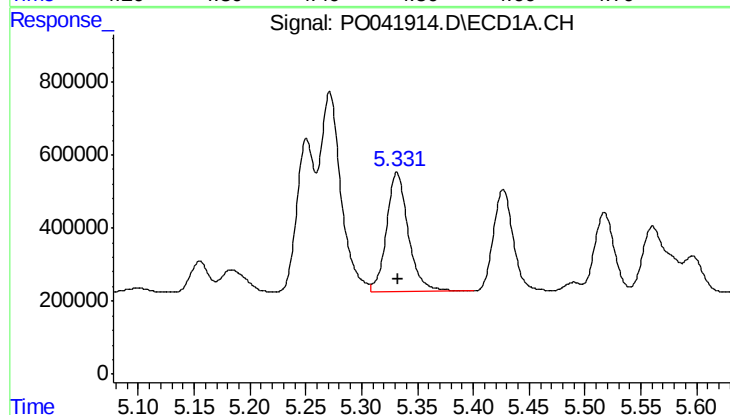
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 7144134
Conc: 1599.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



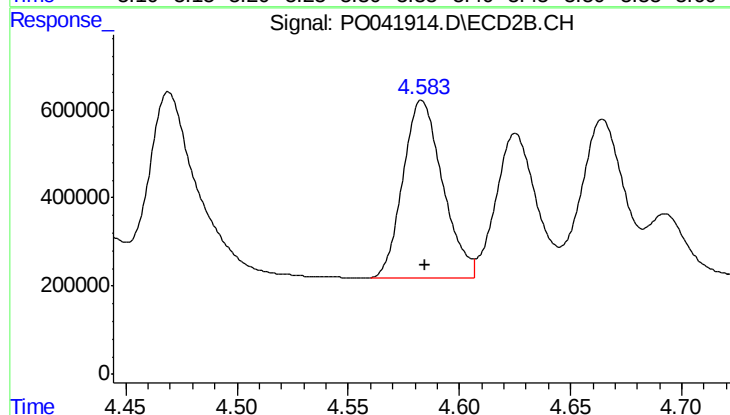
#13 AR-1232-3

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 6735405
Conc: 1633.37 ng/ml



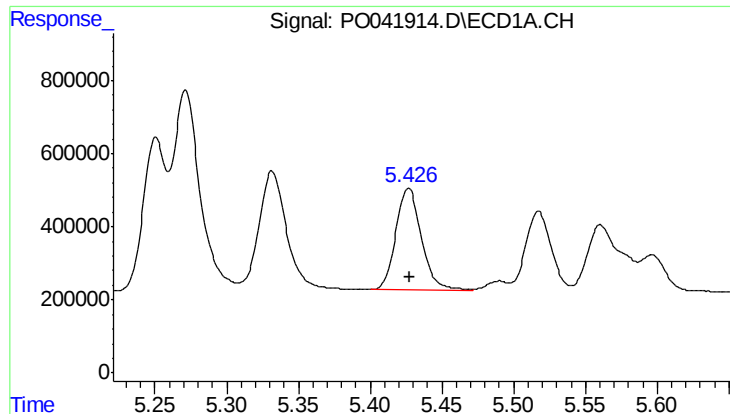
#14 AR-1232-4

R.T.: 5.332 min
Delta R.T.: -0.001 min
Response: 4418286
Conc: 1604.58 ng/ml



#14 AR-1232-4

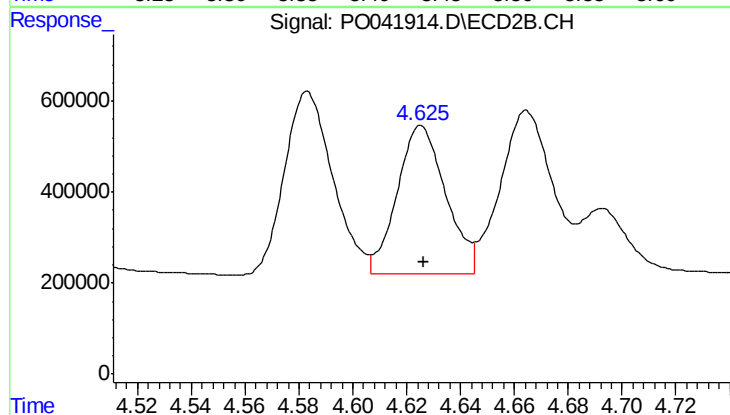
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 4981887
Conc: 1607.84 ng/ml



#15 AR-1232-5

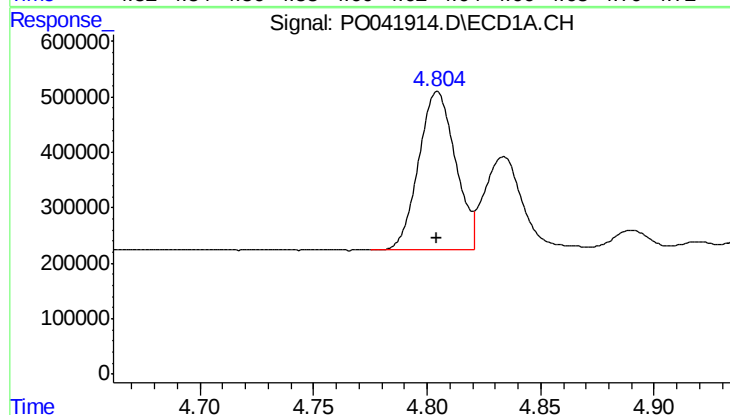
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 3473625
Conc: 1654.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



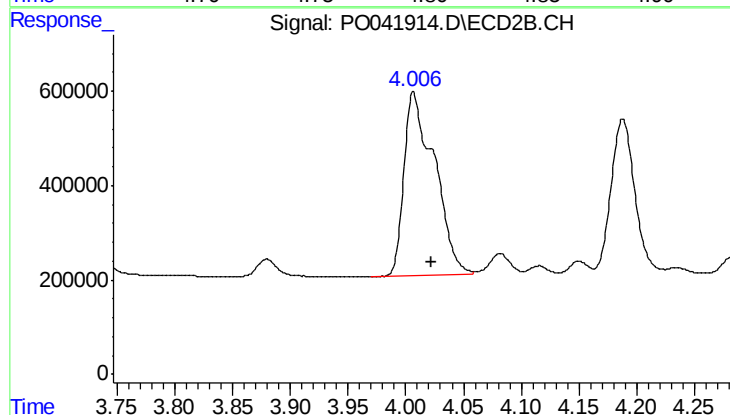
#15 AR-1232-5

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 4096856
Conc: 1894.93 ng/ml



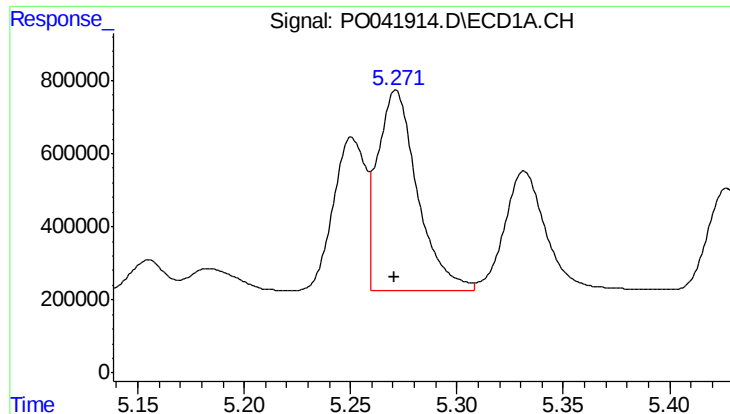
#16 AR-1242-1

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 3211349
Conc: 1035.85 ng/ml



#16 AR-1242-1

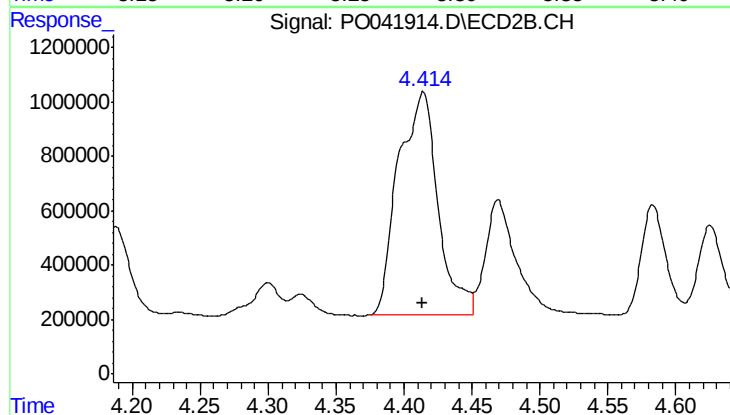
R.T.: 4.006 min
Delta R.T.: -0.016 min
Response: 7151395
Conc: 2818.00 ng/ml



#17 AR-1242-2

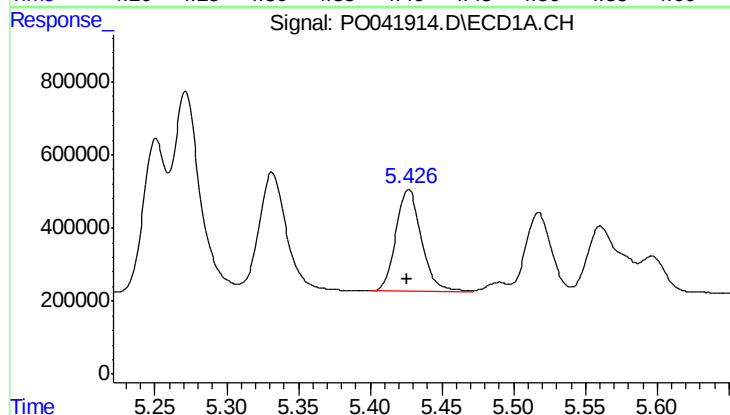
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 7144134
Conc: 971.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



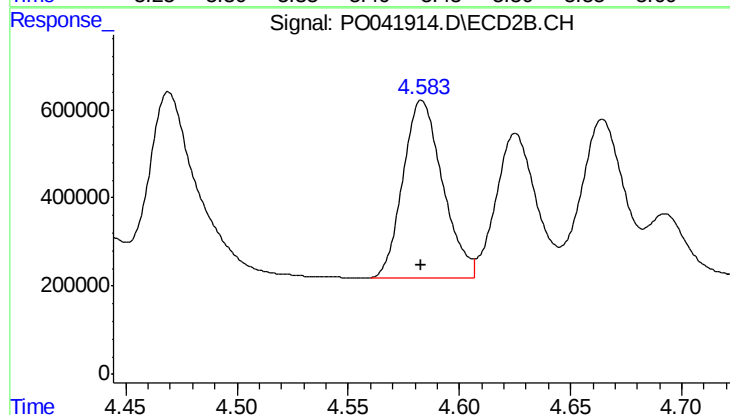
#17 AR-1242-2

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 16665359
Conc: 971.28 ng/ml



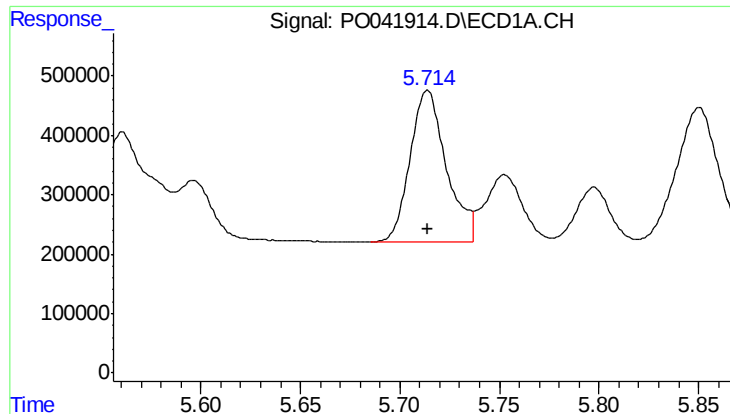
#18 AR-1242-3

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 3473625
Conc: 944.94 ng/ml



#18 AR-1242-3

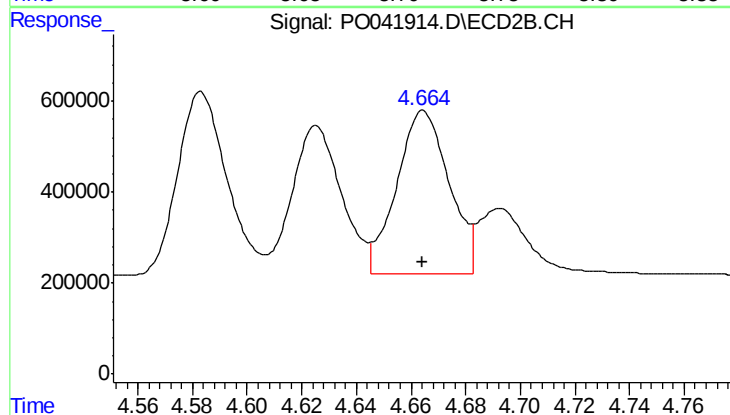
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 4981887
Conc: 947.08 ng/ml



#19 AR-1242-4

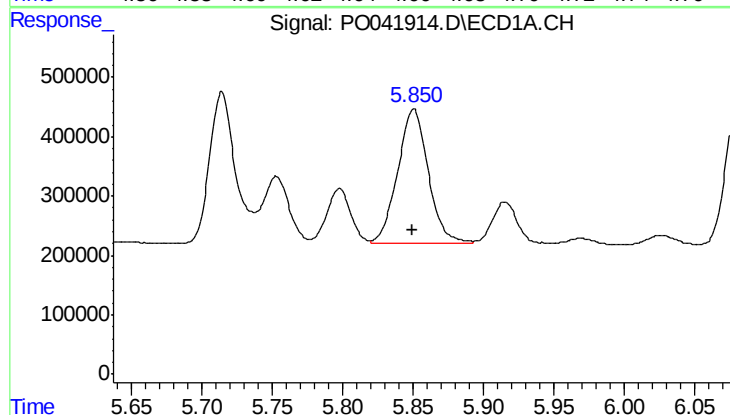
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 3228593
Conc: 858.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



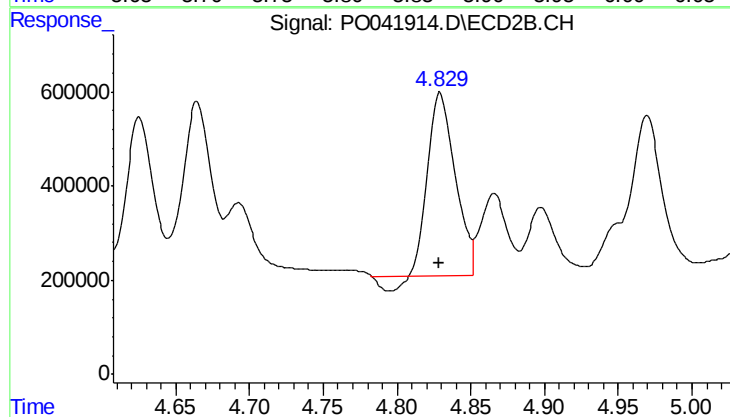
#19 AR-1242-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 4801205
Conc: 917.12 ng/ml



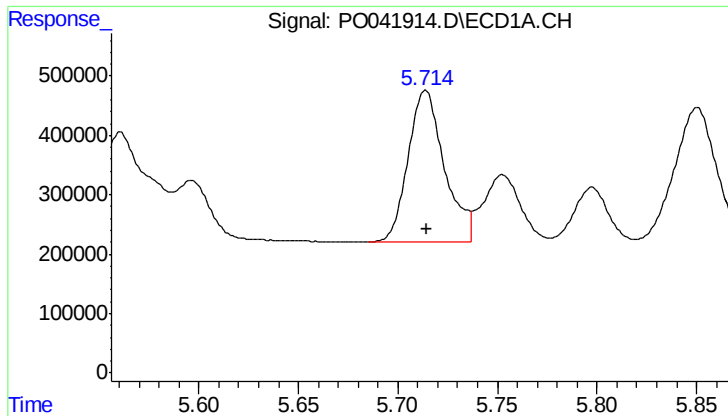
#20 AR-1242-5

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 3411632
Conc: 817.98 ng/ml



#20 AR-1242-5

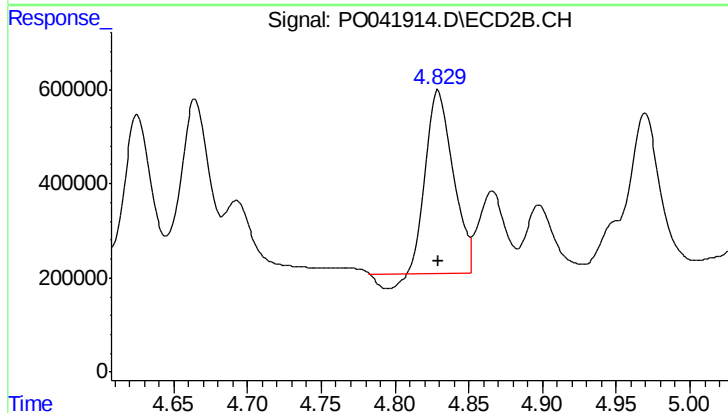
R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 4865997
Conc: 841.56 ng/ml



#21 AR-1248-1

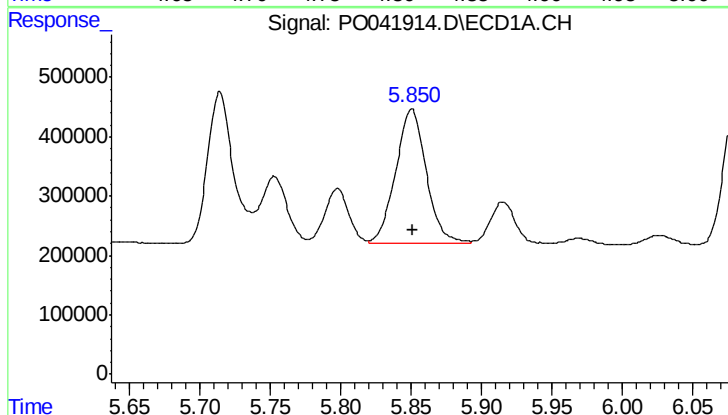
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 3228593
Conc: 446.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



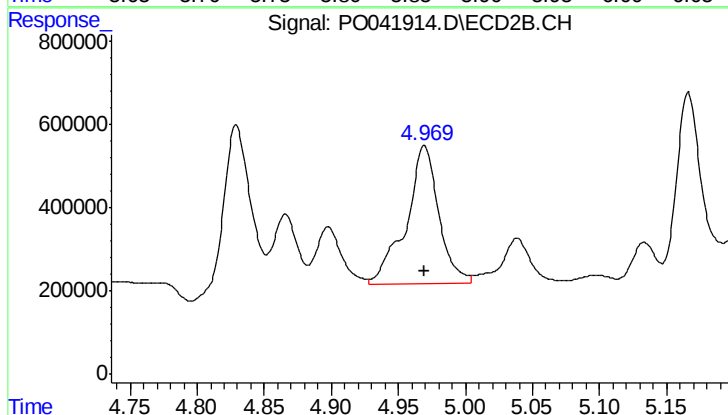
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 4865997
Conc: 445.12 ng/ml



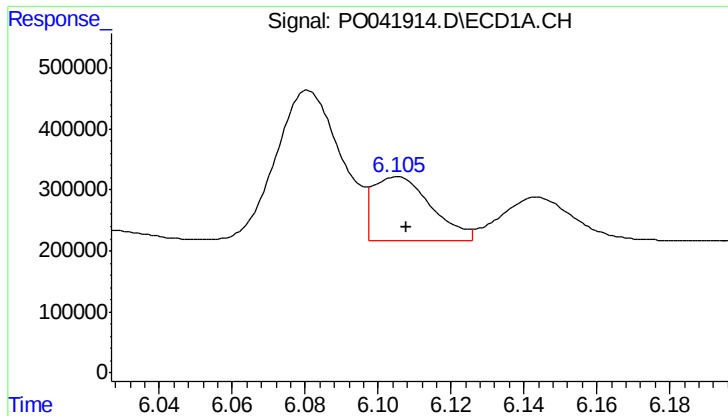
#22 AR-1248-2

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 3411632
Conc: 544.20 ng/ml



#22 AR-1248-2

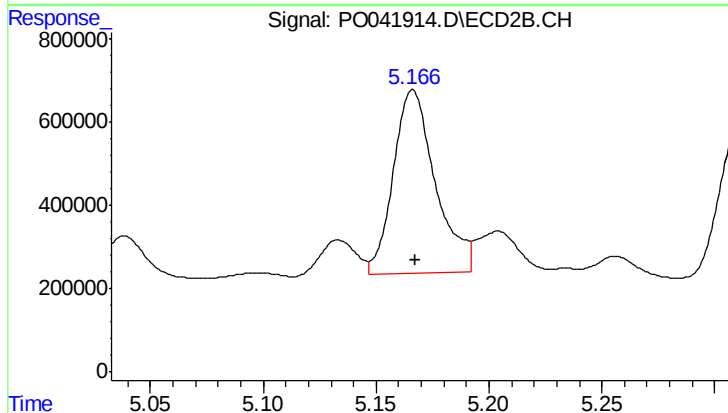
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 5607839
Conc: 576.73 ng/ml



#23 AR-1248-3

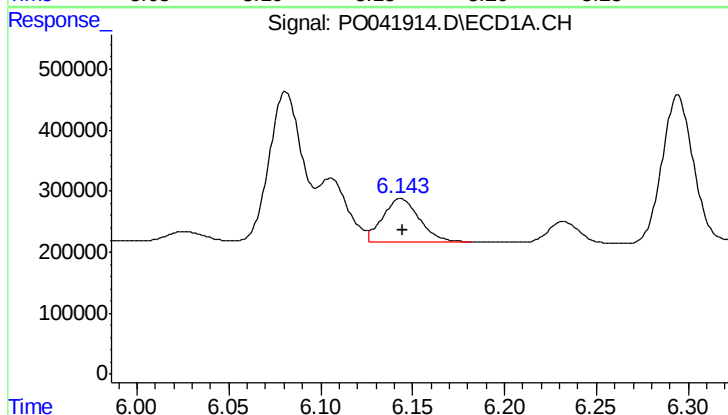
R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 1155054
Conc: 126.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



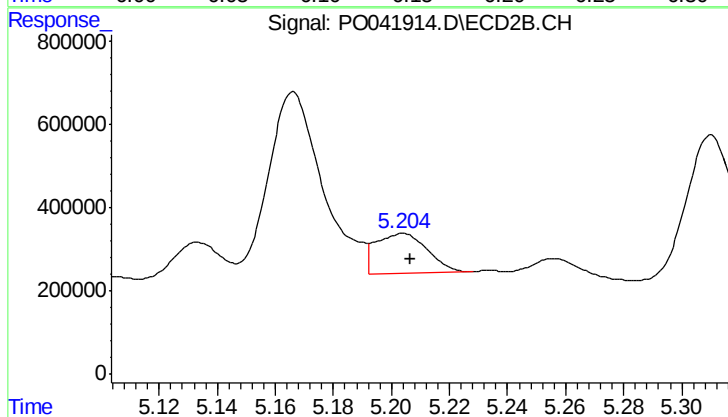
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: -0.001 min
Response: 5711571
Conc: 336.76 ng/ml



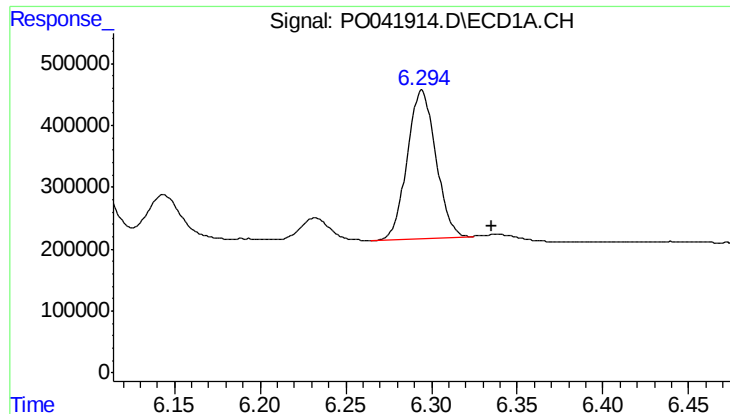
#24 AR-1248-4

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 998560
Conc: 111.43 ng/ml



#24 AR-1248-4

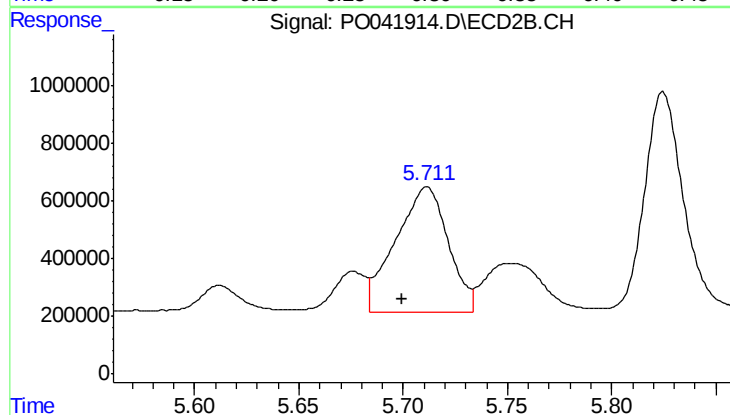
R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 1175280
Conc: 87.04 ng/ml



#25 AR-1248-5

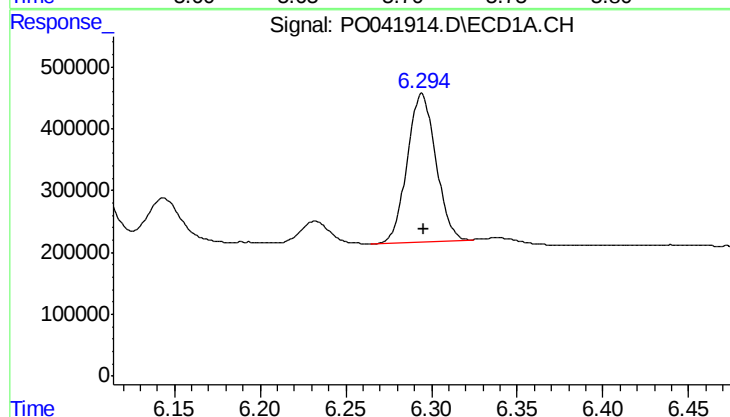
R.T.: 6.294 min
Delta R.T.: -0.041 min
Response: 2772846
Conc: 464.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



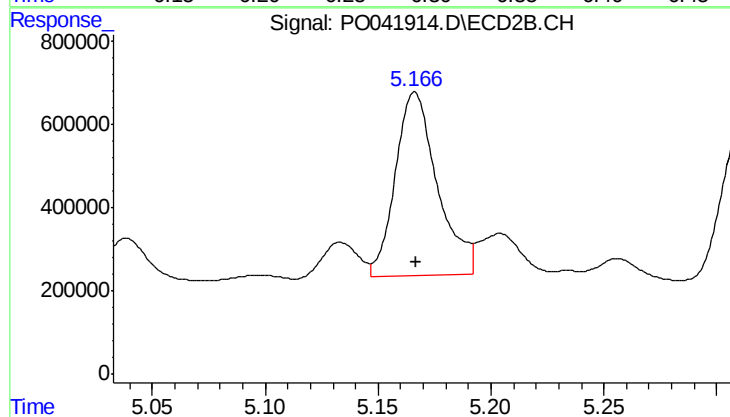
#25 AR-1248-5

R.T.: 5.712 min
Delta R.T.: 0.012 min
Response: 7596861
Conc: 985.91 ng/ml



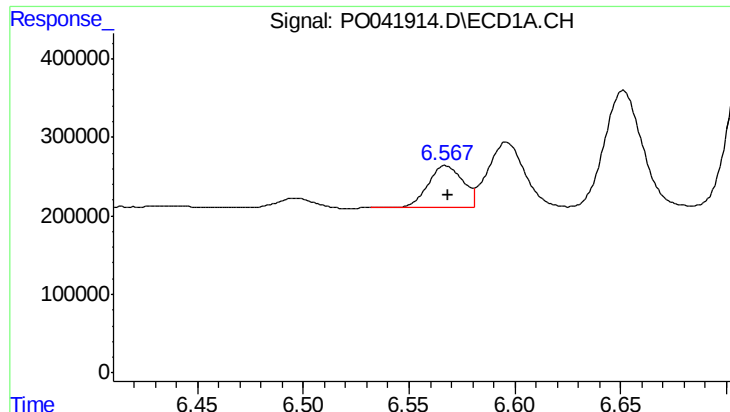
#26 AR-1254-1

R.T.: 6.294 min
Delta R.T.: -0.001 min
Response: 2772846
Conc: 196.98 ng/ml



#26 AR-1254-1

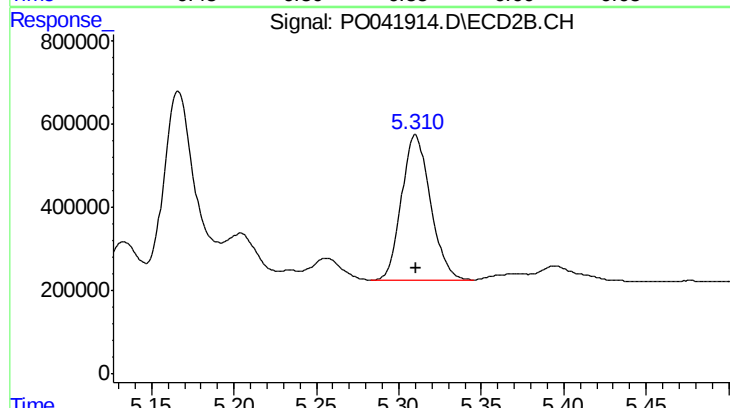
R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 5711571
Conc: 308.80 ng/ml



#27 AR-1254-2

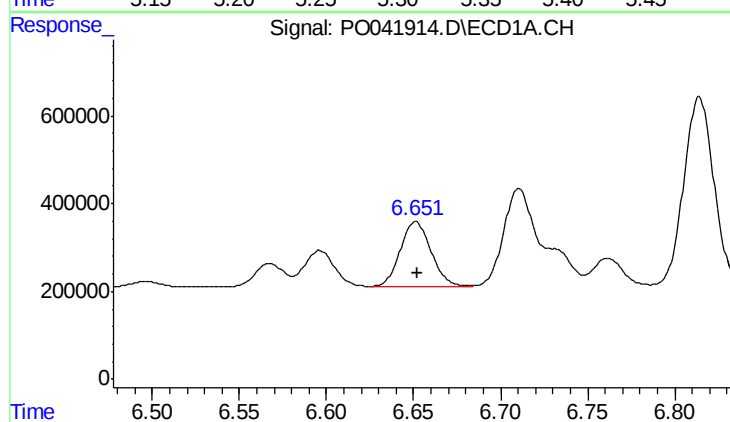
R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 611279
Conc: 70.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



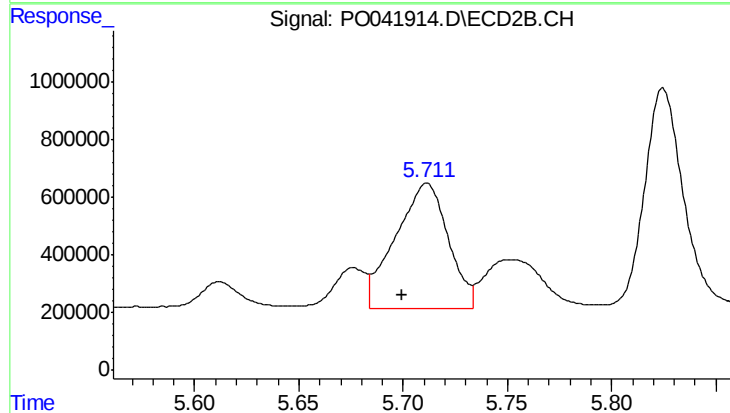
#27 AR-1254-2

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 4295310
Conc: 259.75 ng/ml



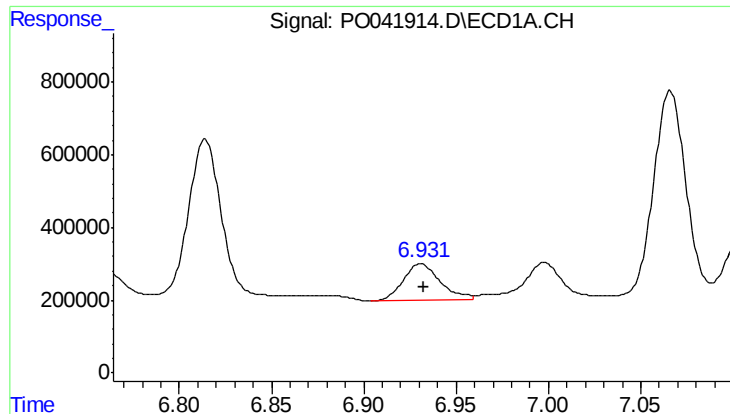
#28 AR-1254-3

R.T.: 6.651 min
Delta R.T.: -0.001 min
Response: 1831536
Conc: 118.17 ng/ml



#28 AR-1254-3

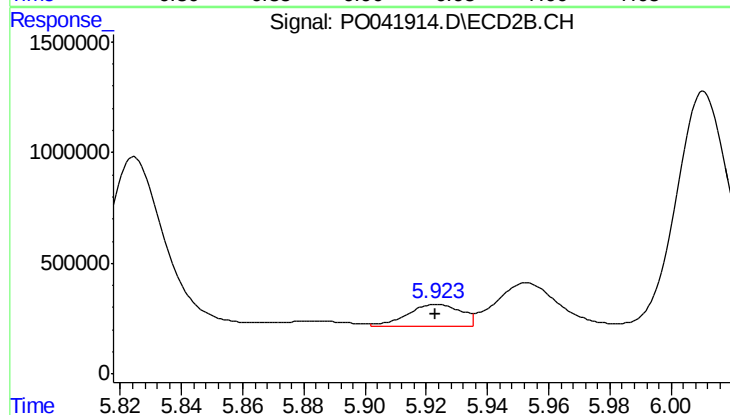
R.T.: 5.712 min
Delta R.T.: 0.012 min
Response: 7596861
Conc: 276.13 ng/ml



#29 AR-1254-4

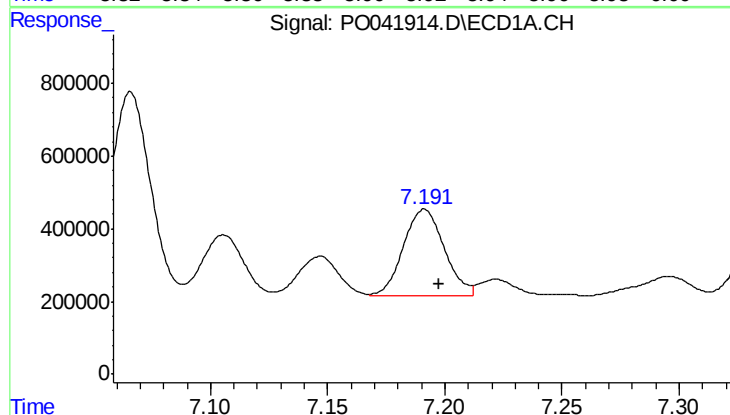
R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 1422431
Conc: 108.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



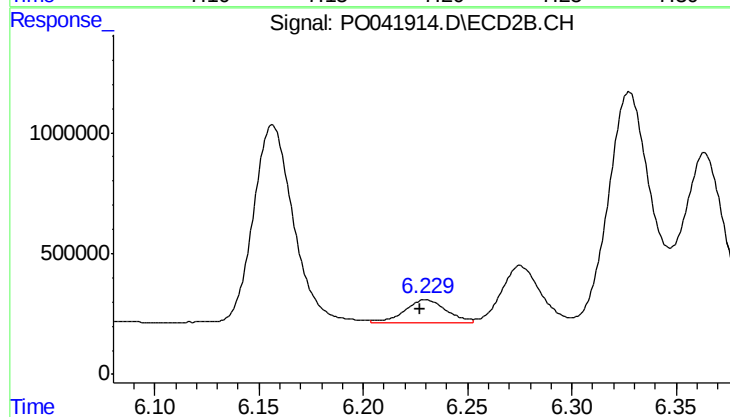
#29 AR-1254-4

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1233865
Conc: 63.32 ng/ml



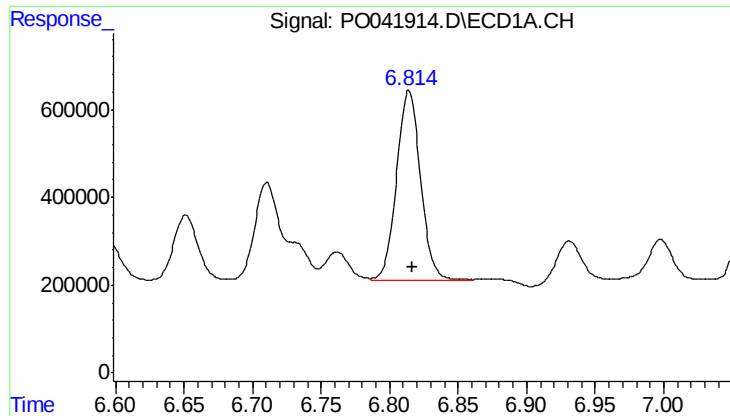
#30 AR-1254-5

R.T.: 7.191 min
Delta R.T.: -0.006 min
Response: 2903581
Conc: 308.45 ng/ml



#30 AR-1254-5

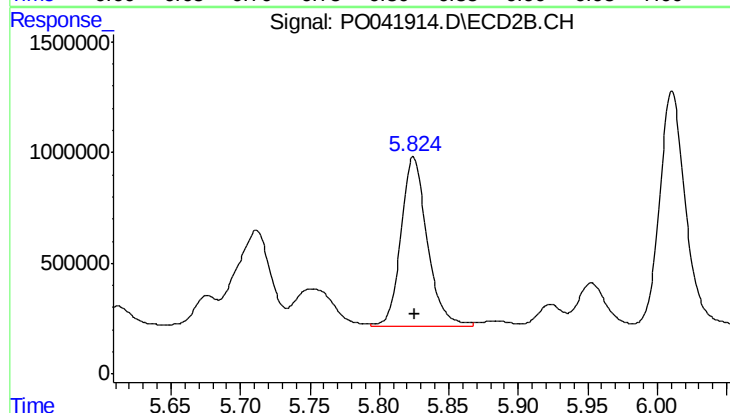
R.T.: 6.230 min
Delta R.T.: 0.003 min
Response: 1271203
Conc: 95.97 ng/ml



#31 AR-1260-1

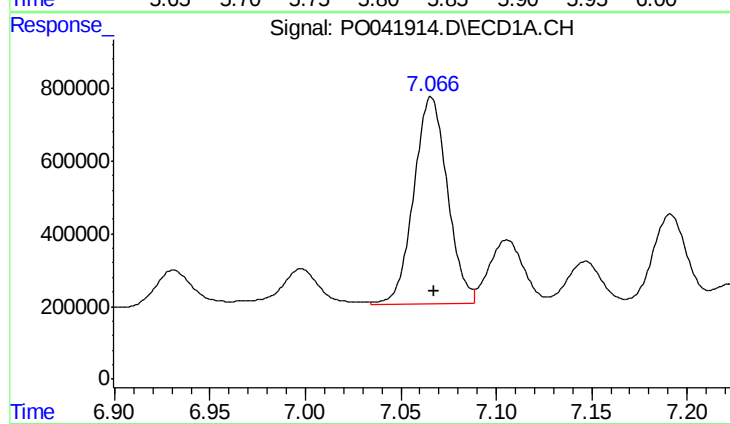
R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 5228400
Conc: 415.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



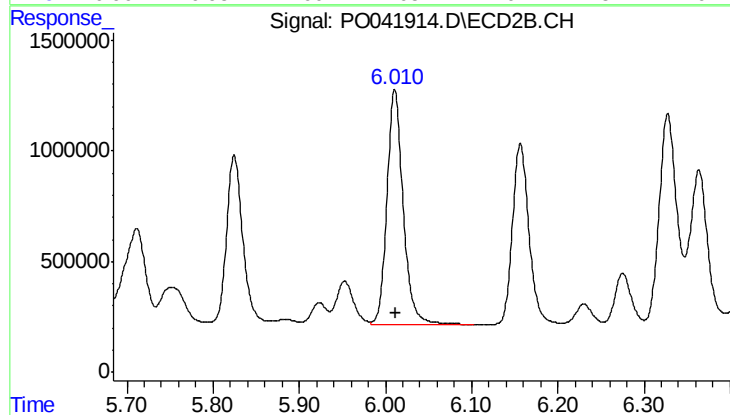
#31 AR-1260-1

R.T.: 5.825 min
Delta R.T.: -0.001 min
Response: 10099548
Conc: 473.12 ng/ml



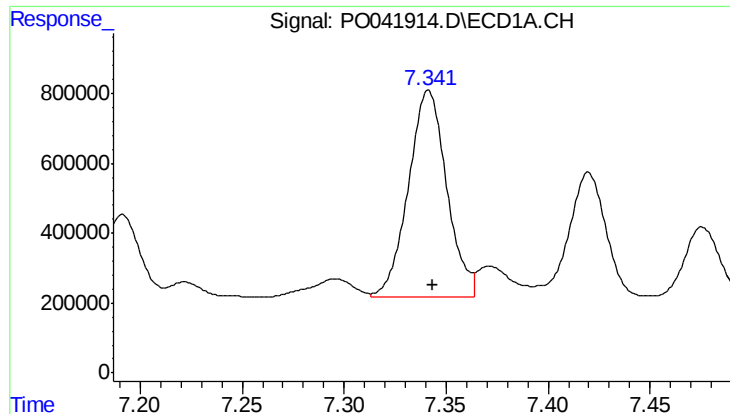
#32 AR-1260-2

R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 6991736
Conc: 401.84 ng/ml



#32 AR-1260-2

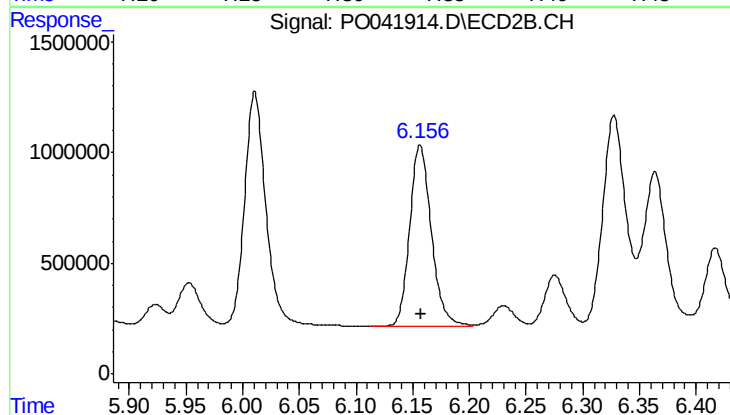
R.T.: 6.011 min
Delta R.T.: -0.001 min
Response: 14034624
Conc: 444.32 ng/ml



#33 AR-1260-3

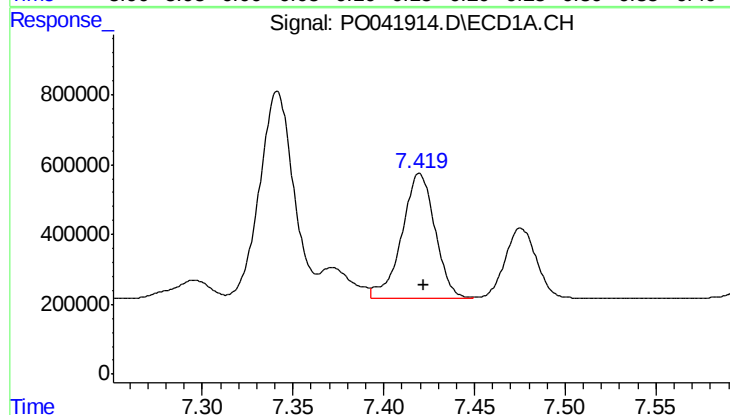
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 7713059
Conc: 384.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



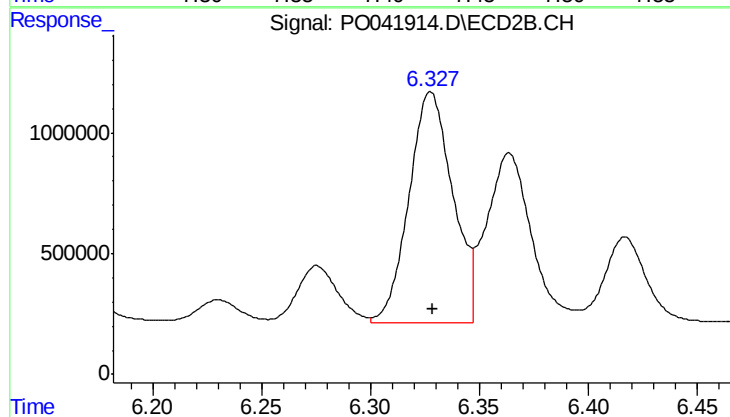
#33 AR-1260-3

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 10898776
Conc: 417.57 ng/ml



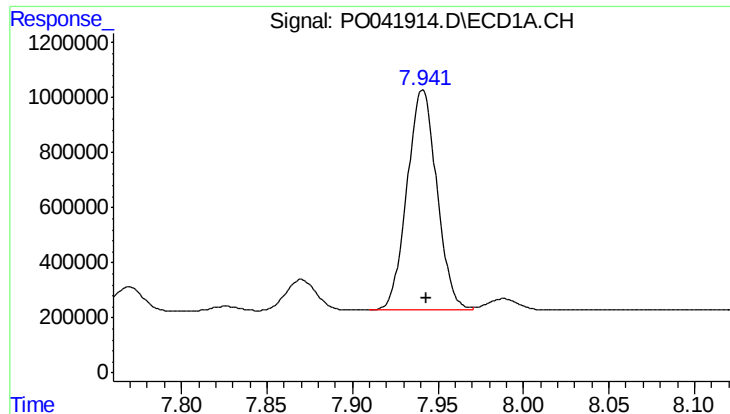
#34 AR-1260-4

R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 4550857
Conc: 386.91 ng/ml



#34 AR-1260-4

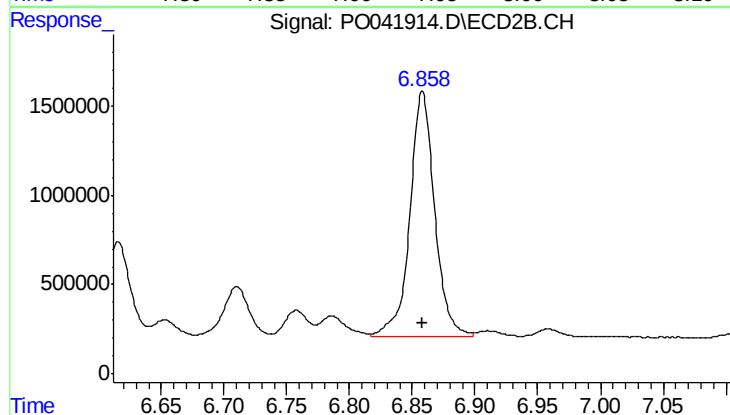
R.T.: 6.328 min
Delta R.T.: -0.001 min
Response: 13404298
Conc: 393.12 ng/ml



#35 AR-1260-5

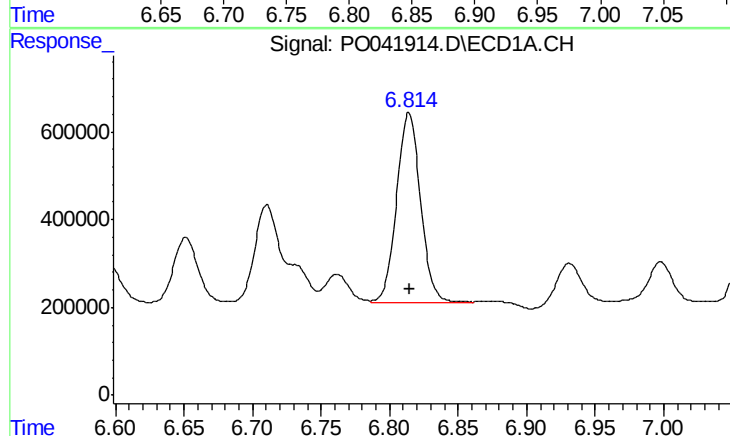
R.T.: 7.941 min
Delta R.T.: -0.002 min
Response: 9741398
Conc: 370.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



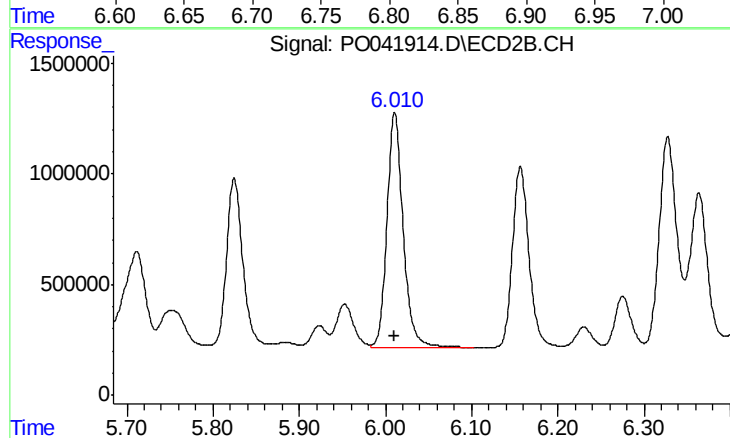
#35 AR-1260-5

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 18892531
Conc: 352.12 ng/ml



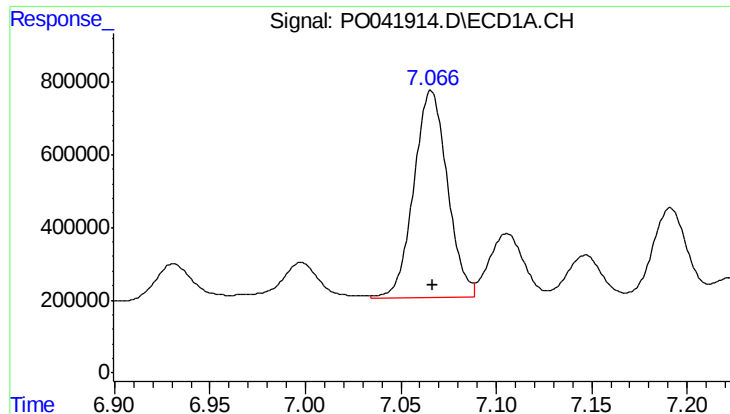
#36 AR-1262-1

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 5228400
Conc: 552.83 ng/ml



#36 AR-1262-1

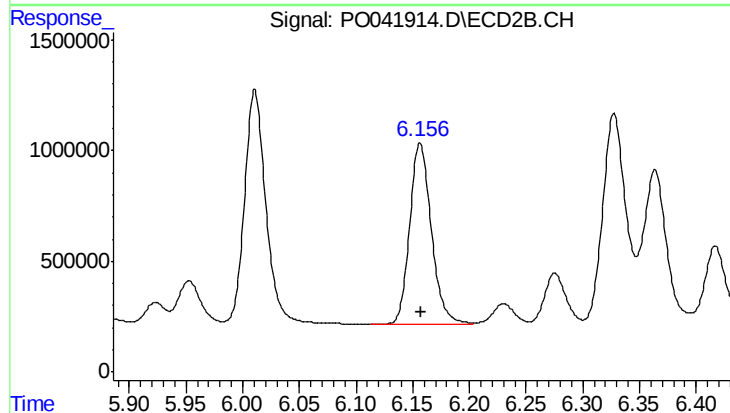
R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 14034624
Conc: 631.89 ng/ml



#37 AR-1262-2

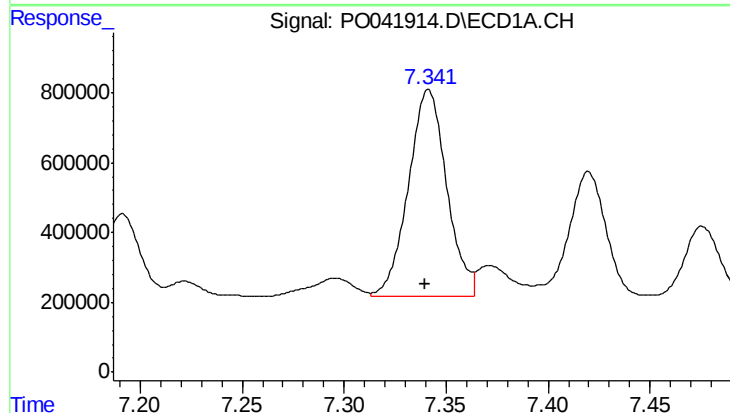
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 6991736
Conc: 600.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



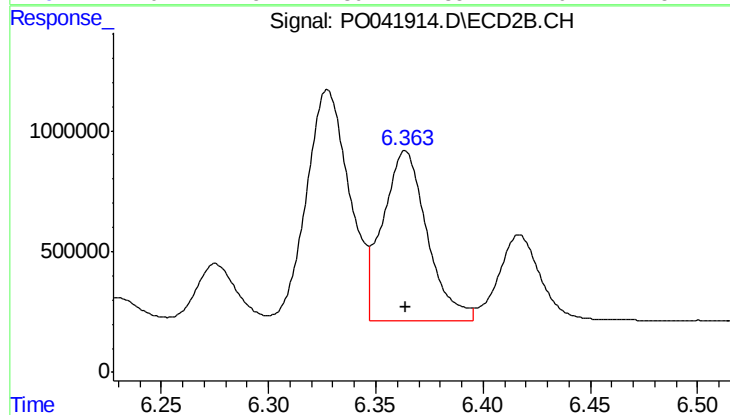
#37 AR-1262-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 10898776
Conc: 541.95 ng/ml



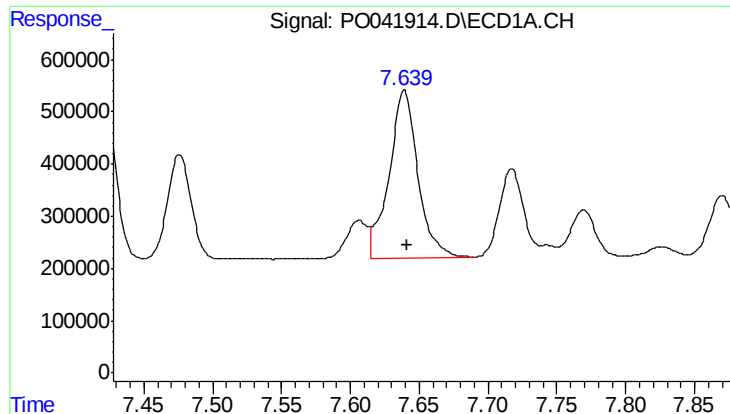
#38 AR-1262-3

R.T.: 7.341 min
Delta R.T.: 0.002 min
Response: 7713059
Conc: 670.32 ng/ml



#38 AR-1262-3

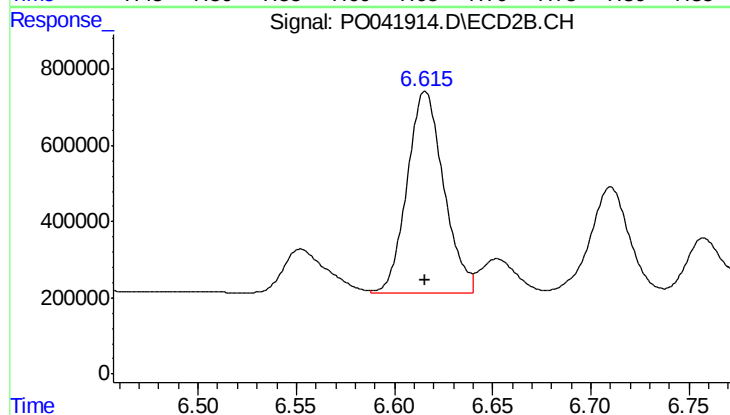
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 10038741
Conc: 270.85 ng/ml



#39 AR-1262-4

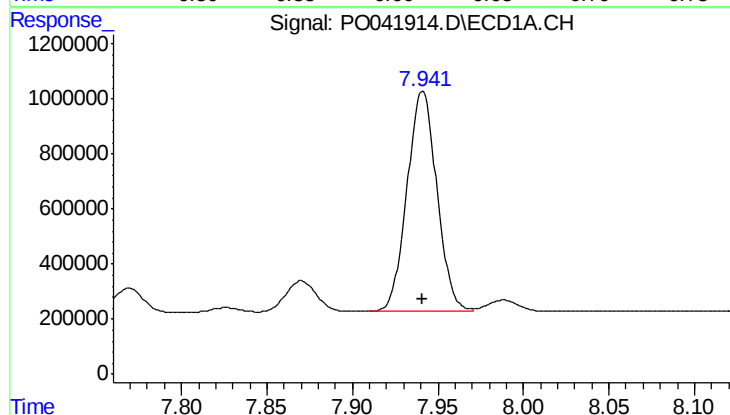
R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 4681361
Conc: 305.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



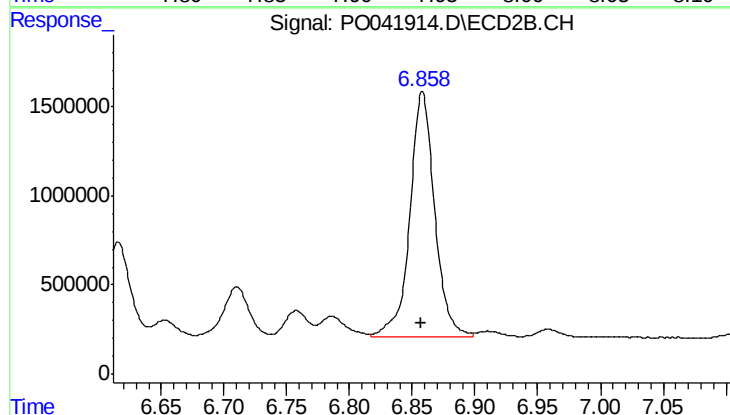
#39 AR-1262-4

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 6853171
Conc: 247.44 ng/ml



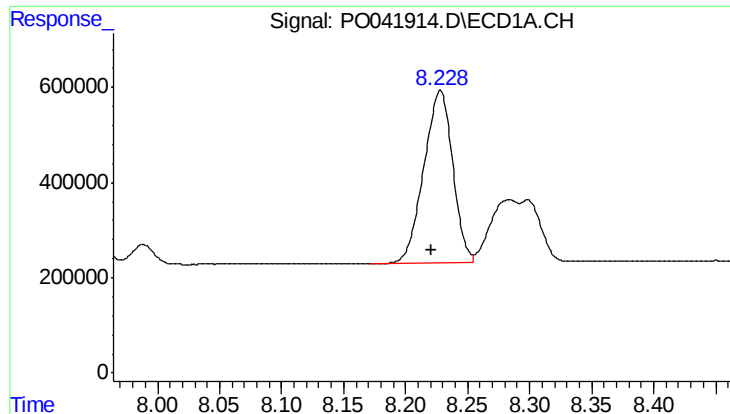
#40 AR-1262-5

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 9741398
Conc: 302.61 ng/ml



#40 AR-1262-5

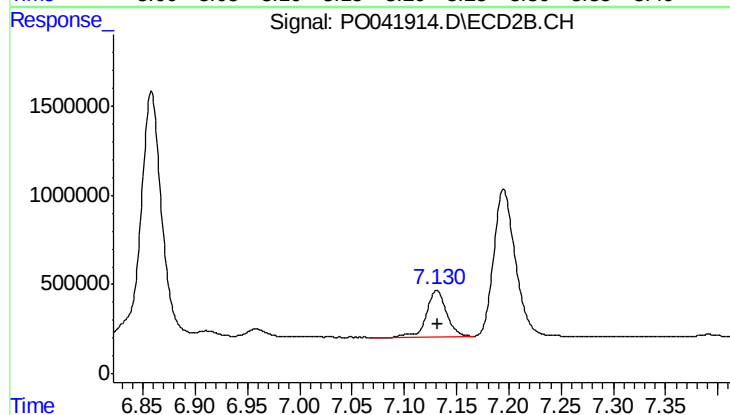
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 18892531
Conc: 298.19 ng/ml



#41 AR-1268-1

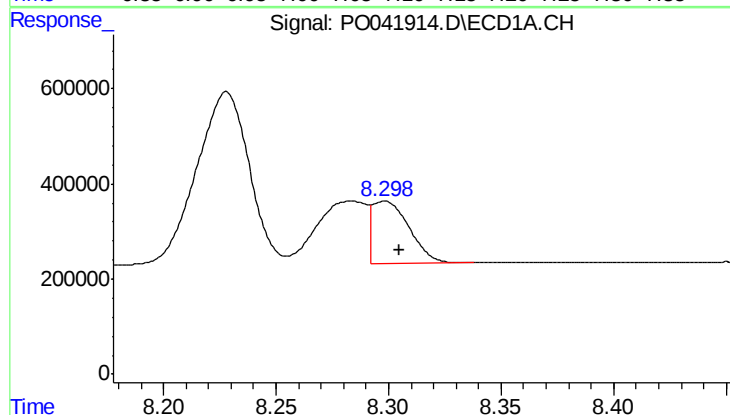
R.T.: 8.228 min
Delta R.T.: 0.007 min
Response: 5869204
Conc: 155.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



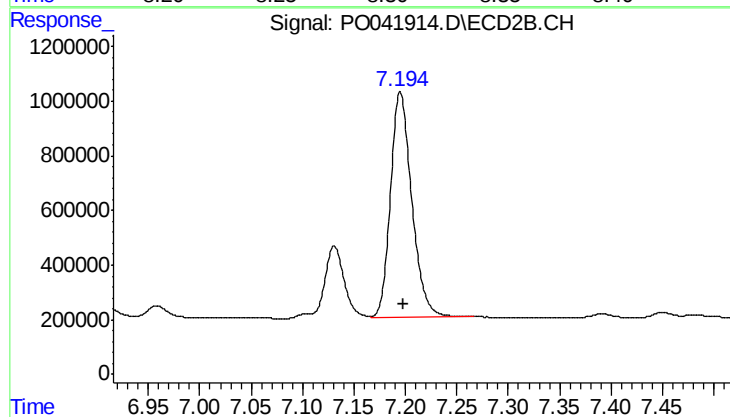
#41 AR-1268-1

R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 3482015
Conc: 47.51 ng/ml



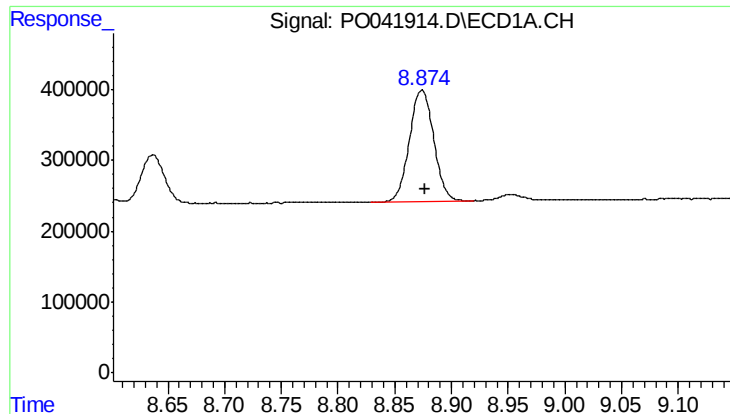
#42 AR-1268-2

R.T.: 8.298 min
Delta R.T.: -0.006 min
Response: 1493699
Conc: 45.02 ng/ml



#42 AR-1268-2

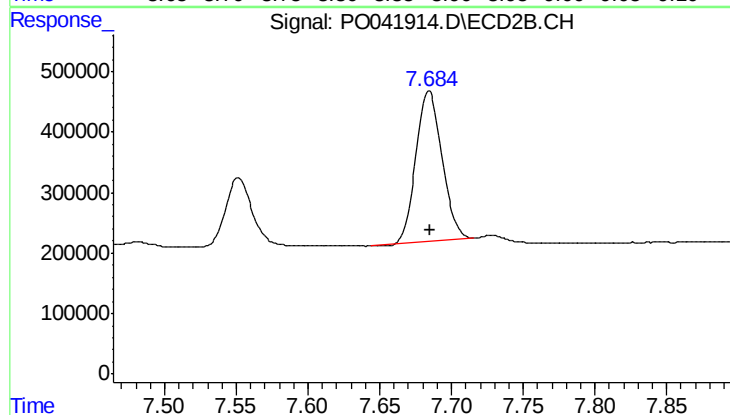
R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 11908897
Conc: 184.19 ng/ml



#44 AR-1268-4

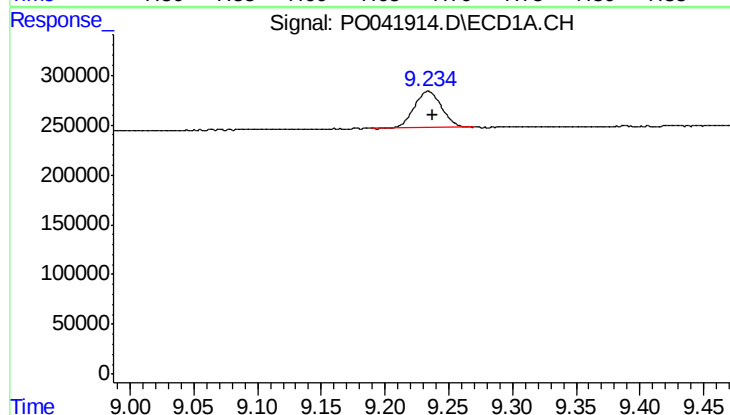
R.T.: 8.874 min
Delta R.T.: -0.002 min
Response: 2337536
Conc: 187.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



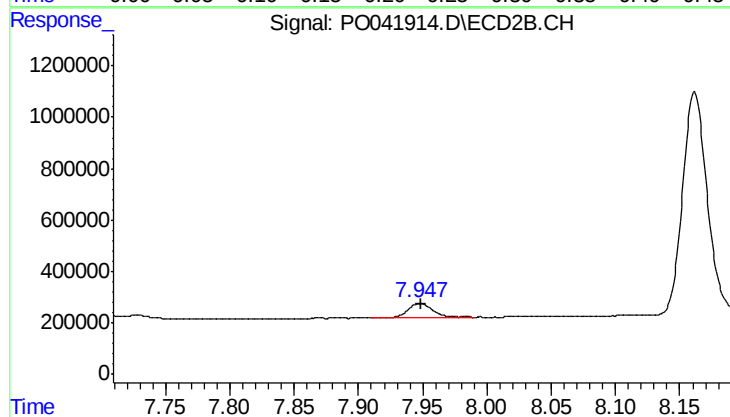
#44 AR-1268-4

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 3136406
Conc: 141.18 ng/ml



#45 AR-1268-5

R.T.: 9.234 min
Delta R.T.: -0.003 min
Response: 550815
Conc: 6.82 ng/ml



#45 AR-1268-5

R.T.: 7.948 min
Delta R.T.: -0.001 min
Response: 726089
Conc: 5.04 ng/ml