

Data Path : P:\HPCHEM1\ECD_0\Data\P0012218\
 Data File : P0041656.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jan 2018 19:27
 Operator : SM/UA
 Sample : J1189-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 22C-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 00:37:54 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0122017.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 20 03:23:29 2017
 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...	4.125	3.368	3347106	990667	16.142	3.214 #
2) SA Decachlor...	9.532	0.000	3008446	0	14.691	N.D. #
Target Compounds						
3) L1 AR-1016-1	4.994	4.191	1108932	1441162	188.982	158.037
4) L1 AR-1016-2	5.335	4.629	1247855	644187	158.227	63.095 #
5) L1 AR-1016-3	5.430	4.629	998093	644187	159.777	80.355 #
6) L1 AR-1016-4	5.757	4.869	523913	1131897	82.876	100.473
7) L1 AR-1016-5	5.854	4.973	955540	1789388	140.463	159.437
9) L2 AR-1221-2	4.482	3.725	693051	954770	407.191	382.298
10) L2 AR-1221-3	4.482	3.725	693051	954770	128.059	117.860
11) L3 AR-1232-1	4.482	3.725	693051	954770	150.005	141.441
12) L3 AR-1232-2	5.275	4.417	2130094	5314253	662.441	550.095
13) L3 AR-1232-3	5.275	4.472	2130094	2019894	390.752	338.912
14) L3 AR-1232-4	5.335	4.629	1247855	644187	379.005	157.506 #
15) L3 AR-1232-5	5.430	4.629	998093	644187	395.040	221.780 #
16) L4 AR-1242-1	4.837	4.025	518431	824722	196.758	79.508 #
17) L4 AR-1242-2	5.275	4.417	2130094	5314253	221.940	646.918 #
18) L4 AR-1242-3	5.430	4.629	998093	644187	216.335	88.751 #
19) L4 AR-1242-4	5.757	4.695	523913	341442	111.957	47.114 #
20) L4 AR-1242-5	5.854	4.869	955540	1131897	182.479	142.456
21) L5 AR-1248-1	5.757	4.869	523913	1131897	65.906	91.086 #
22) L5 AR-1248-2	5.854	4.973	955540	1789388	144.741	163.331
23) L5 AR-1248-3	6.085	5.209	-114195	659021	N.D.	34.231 #
24) L5 AR-1248-4	0.000	5.209	0	659021	N.D.	48.731 #
25) L5 AR-1248-5	6.349	5.704	577195	7191979	87.737	805.815 #
26) L6 AR-1254-1	6.349	5.171	577195	2826438	113.843	135.248
27) L6 AR-1254-2	6.602	5.315	643572	2671723	74.072	144.713 #
28) L6 AR-1254-3	6.656	5.704	1905412	7191979	122.219	239.342 #
29) L6 AR-1254-4	6.936	5.956	2188099	1430038	158.720	66.756 #
30) L6 AR-1254-5	7.199	6.280	2143926	421718	227.145	30.345 #
31) L7 AR-1260-1	6.819	5.829	2715325	5025701	201.899	195.008
32) L7 AR-1260-2	7.111	6.161	1058251	1850393	53.769	59.610
33) L7 AR-1260-3	7.377	6.367	580789	3858358	28.019	103.621 #
34) L7 AR-1260-4	7.946	6.862	3853680	8268062	124.197	119.607
35) L7 AR-1260-5	8.287	7.199	-139149	4749263	N.D.	104.586 #
36) L8 AR-1262-1	6.819	6.015	2715325	6230728	305.628	263.562
37) L8 AR-1262-2	7.111	6.161	1058251	1850393	82.074	87.760
38) L8 AR-1262-3	7.377	6.367	580789	3858358	50.967	94.016 #
39) L8 AR-1262-4	7.645	6.658	2643919	1184724	177.113	39.116 #

Data Path : P:\HPCHEM1\ECD_0\Data\P0012218\
Data File : P0041656.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Jan 2018 19:27
Operator : SM/UA
Sample : J1189-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
22C-2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 00:37:54 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0122017.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 20 03:23:29 2017
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
40)	L8 AR-1262-5	7.946	6.862	3853680	8268062	125.977	124.691
41)	L9 AR-1268-1	8.235	7.136	-251285	1362020	N.D.	15.595 #
42)	L9 AR-1268-2	8.287	7.199	-139149	4749263	N.D.	63.115 #
44)	L9 AR-1268-4	8.881	7.687	883419	1219440	70.413	47.150 #
45)	L9 AR-1268-5	0.000	7.952	0	487089	N.D.	2.956 #

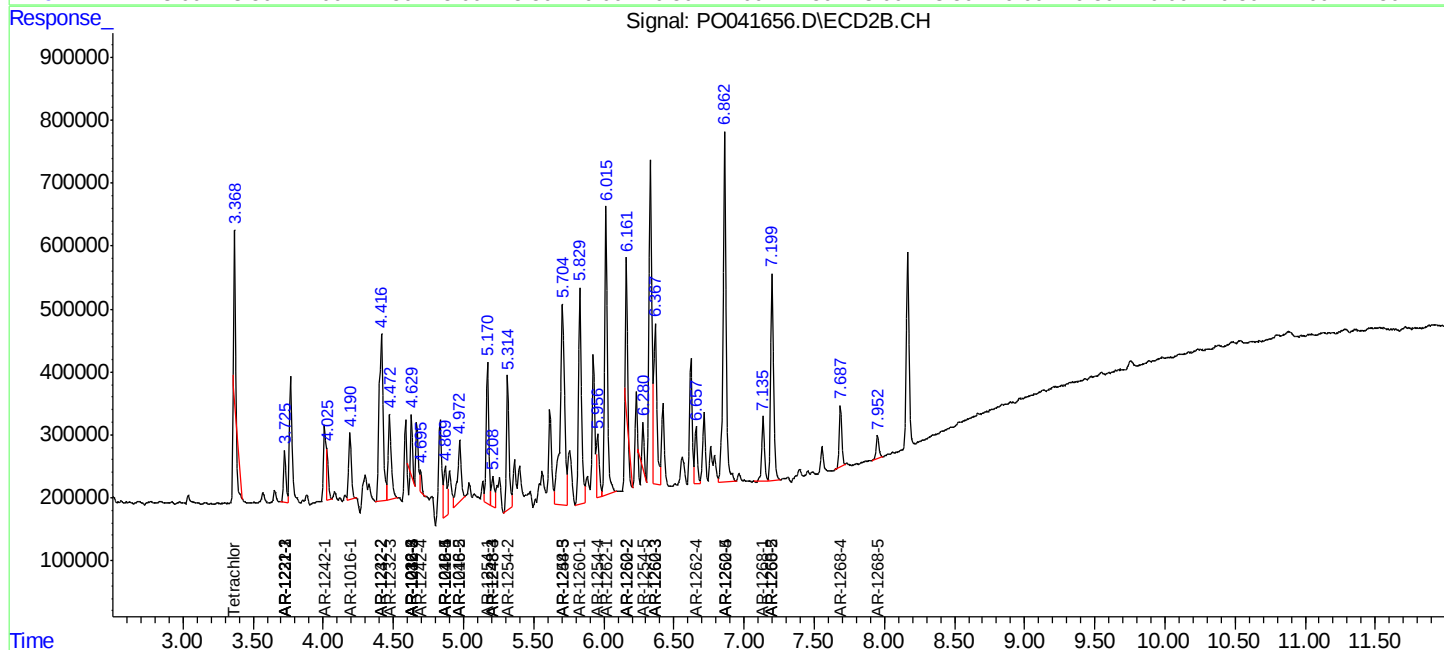
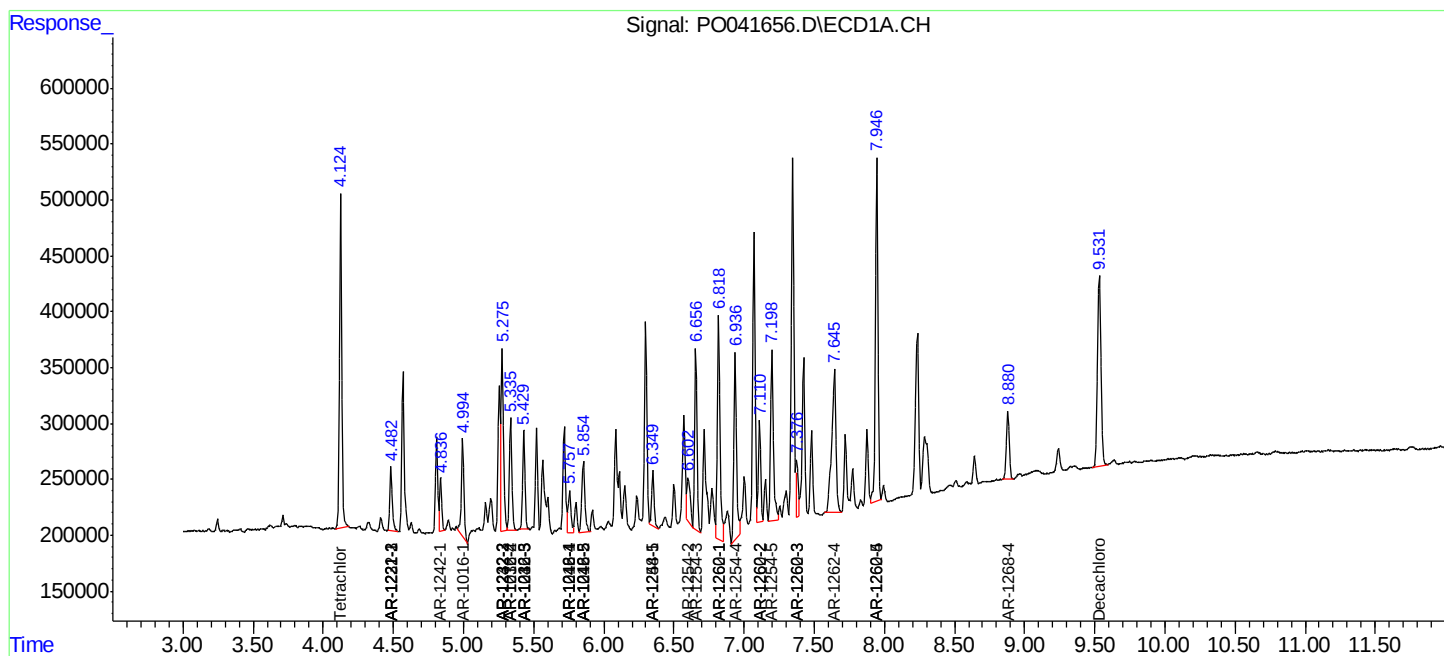
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

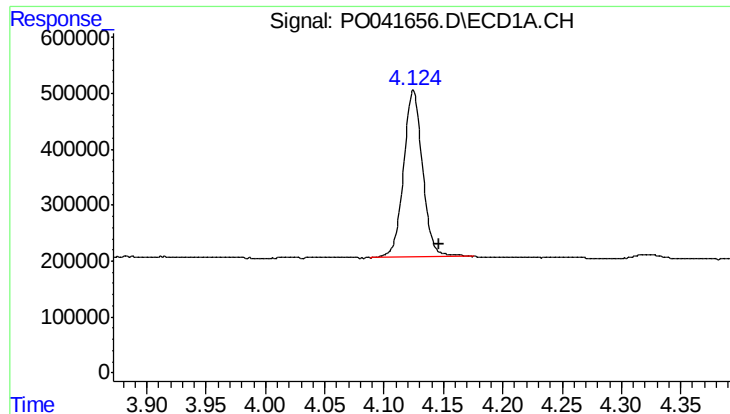
Data Path : P:\HPCHEM1\ECD_0\Data\PO012218\
Data File : PO041656.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Jan 2018 19:27
Operator : SM/UA
Sample : J1189-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
22C-2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 00:37:54 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\PO122017.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 20 03:23:29 2017
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

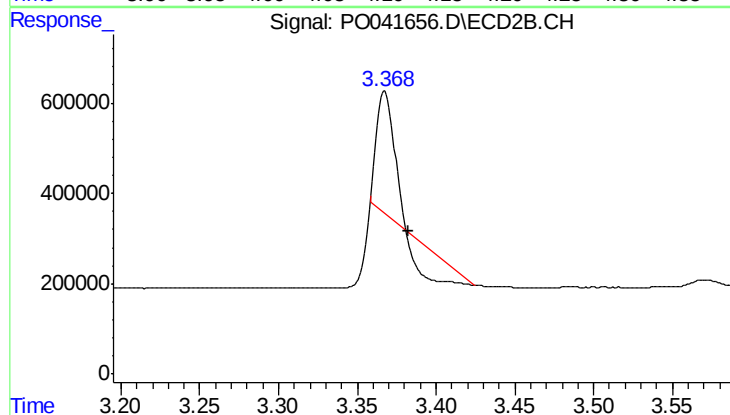




#1 Tetrachloro-m-xylene

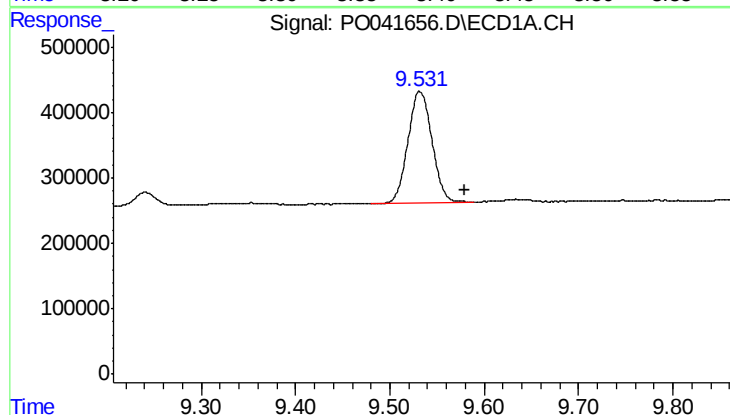
R.T.: 4.125 min
Delta R.T.: -0.021 min
Response: 3347106
Conc: 16.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



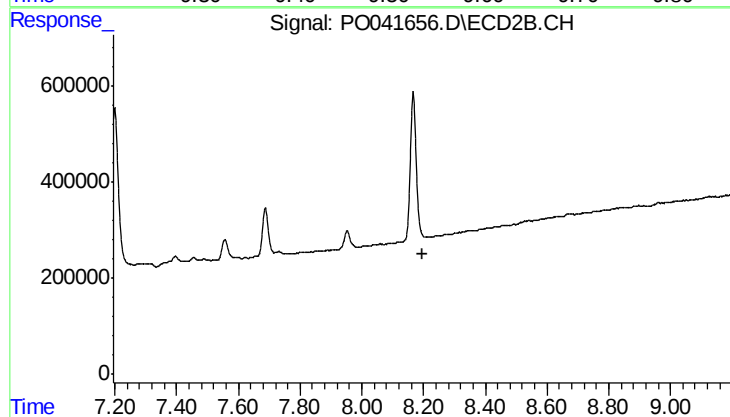
#1 Tetrachloro-m-xylene

R.T.: 3.368 min
Delta R.T.: -0.015 min
Response: 990667
Conc: 3.21 ng/ml



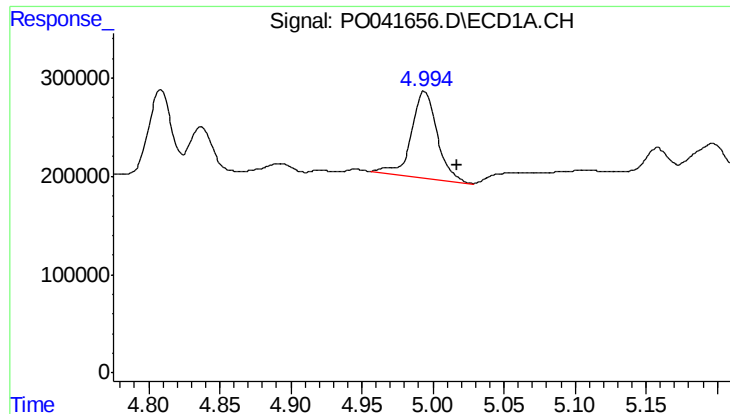
#2 Decachlorobiphenyl

R.T.: 9.532 min
Delta R.T.: -0.047 min
Response: 3008446
Conc: 14.69 ng/ml



#2 Decachlorobiphenyl

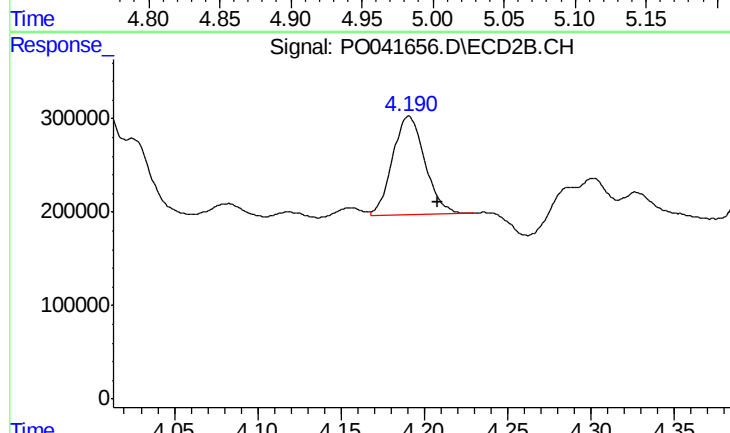
R.T.: 0.000 min
Exp R.T.: 8.195 min
Response: 0
Conc: N.D.



#3 AR-1016-1

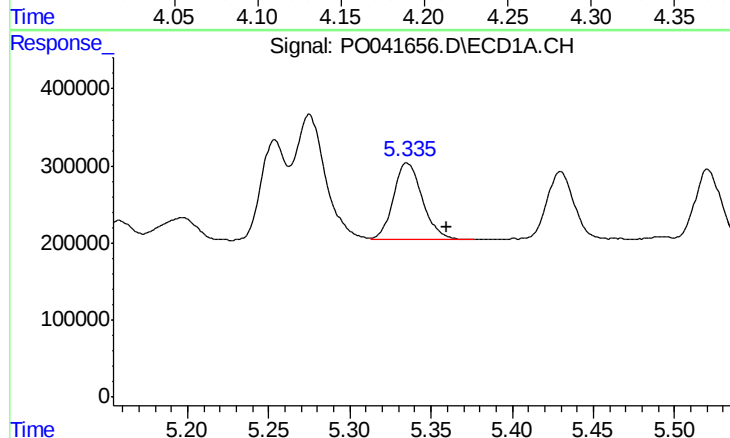
R.T.: 4.994 min
Delta R.T.: -0.023 min
Response: 1108932
Conc: 188.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



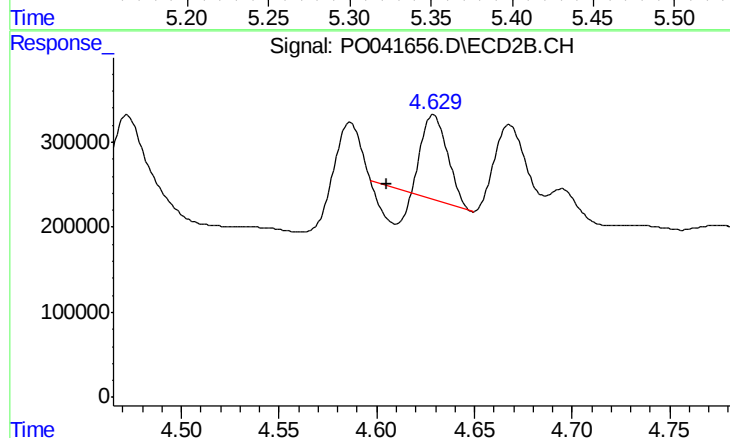
#3 AR-1016-1

R.T.: 4.191 min
Delta R.T.: -0.017 min
Response: 1441162
Conc: 158.04 ng/ml



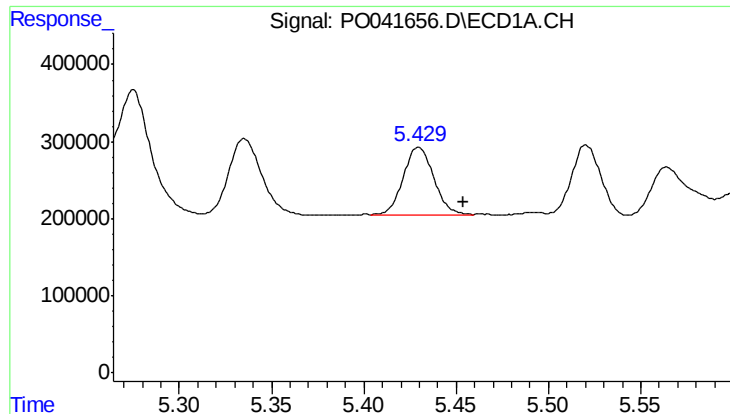
#4 AR-1016-2

R.T.: 5.335 min
Delta R.T.: -0.025 min
Response: 1247855
Conc: 158.23 ng/ml



#4 AR-1016-2

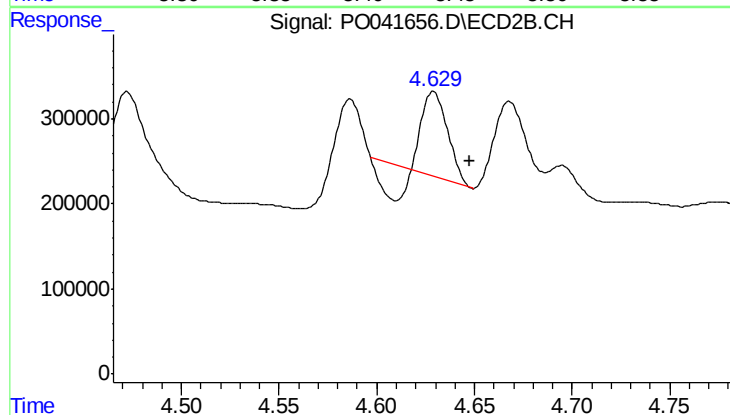
R.T.: 4.629 min
Delta R.T.: 0.024 min
Response: 644187
Conc: 63.10 ng/ml



#5 AR-1016-3

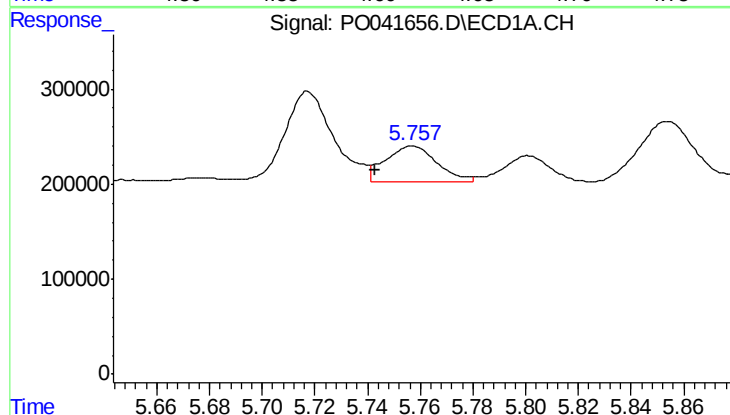
R.T.: 5.430 min
Delta R.T.: -0.024 min
Response: 998093
Conc: 159.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



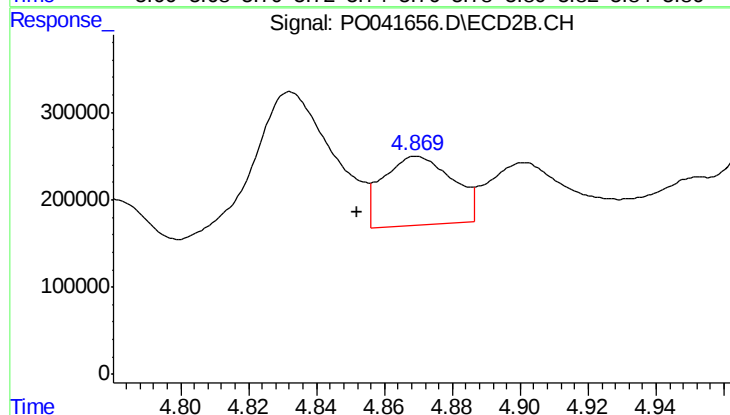
#5 AR-1016-3

R.T.: 4.629 min
Delta R.T.: -0.019 min
Response: 644187
Conc: 80.36 ng/ml



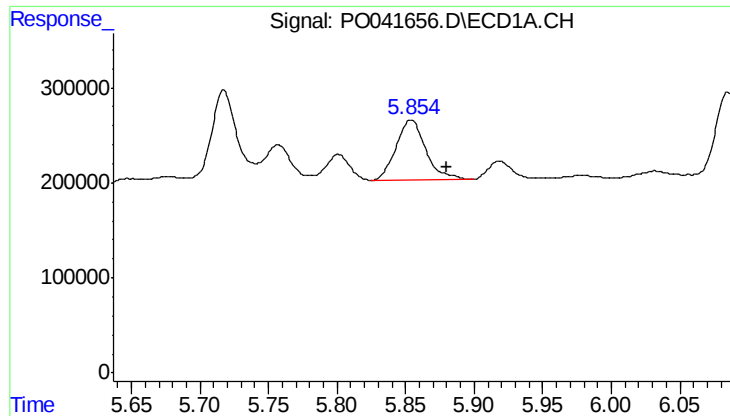
#6 AR-1016-4

R.T.: 5.757 min
Delta R.T.: 0.014 min
Response: 523913
Conc: 82.88 ng/ml



#6 AR-1016-4

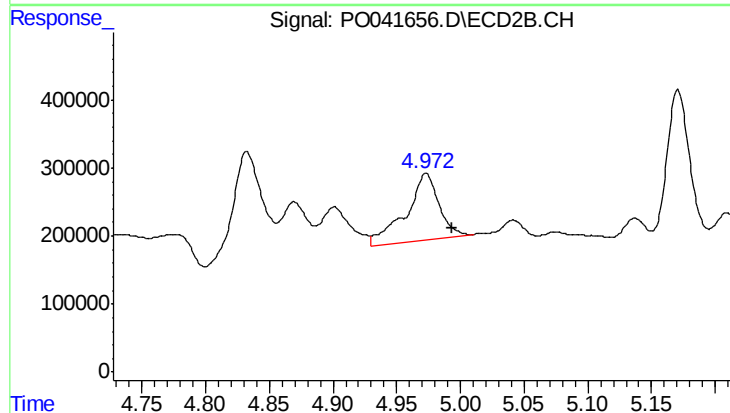
R.T.: 4.869 min
Delta R.T.: 0.017 min
Response: 1131897
Conc: 100.47 ng/ml



#7 AR-1016-5

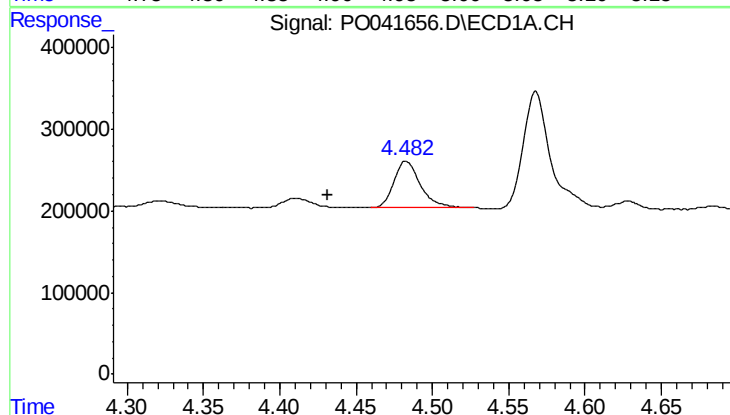
R.T.: 5.854 min
Delta R.T.: -0.026 min
Response: 955540
Conc: 140.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



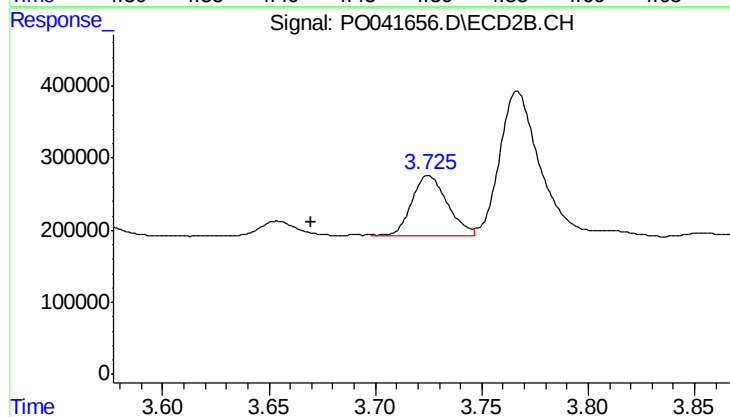
#7 AR-1016-5

R.T.: 4.973 min
Delta R.T.: -0.021 min
Response: 1789388
Conc: 159.44 ng/ml



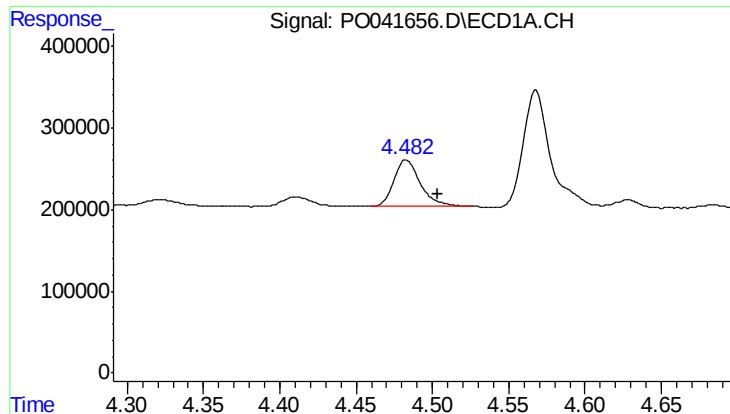
#9 AR-1221-2

R.T.: 4.482 min
Delta R.T.: 0.051 min
Response: 693051
Conc: 407.19 ng/ml



#9 AR-1221-2

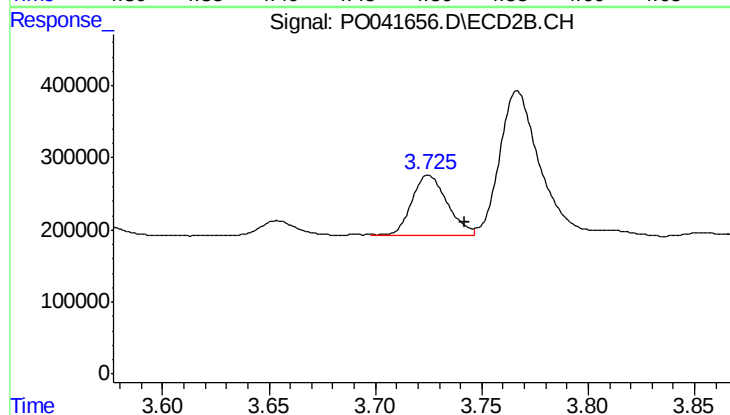
R.T.: 3.725 min
Delta R.T.: 0.055 min
Response: 954770
Conc: 382.30 ng/ml



#10 AR-1221-3

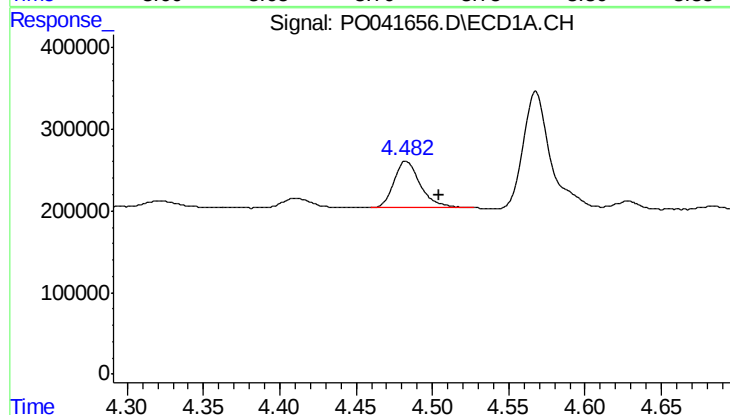
R.T.: 4.482 min
Delta R.T.: -0.022 min
Response: 693051
Conc: 128.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



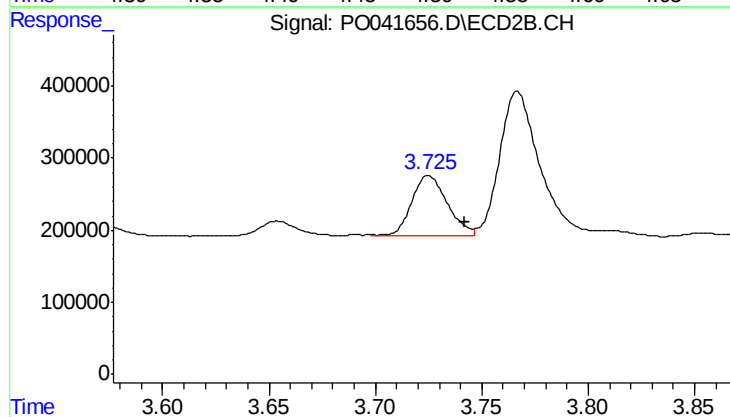
#10 AR-1221-3

R.T.: 3.725 min
Delta R.T.: -0.017 min
Response: 954770
Conc: 117.86 ng/ml



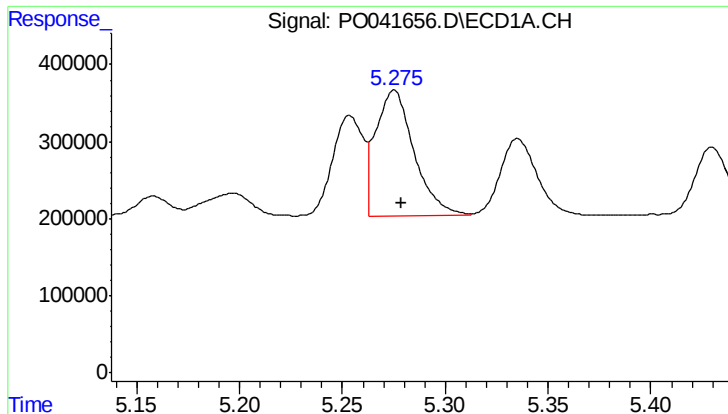
#11 AR-1232-1

R.T.: 4.482 min
Delta R.T.: -0.022 min
Response: 693051
Conc: 150.00 ng/ml



#11 AR-1232-1

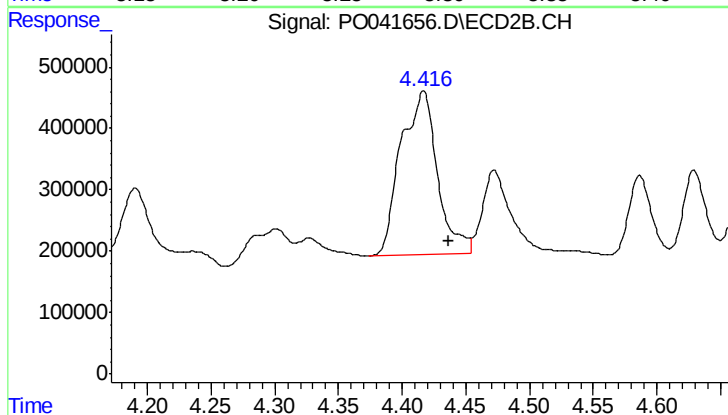
R.T.: 3.725 min
Delta R.T.: -0.017 min
Response: 954770
Conc: 141.44 ng/ml



#12 AR-1232-2

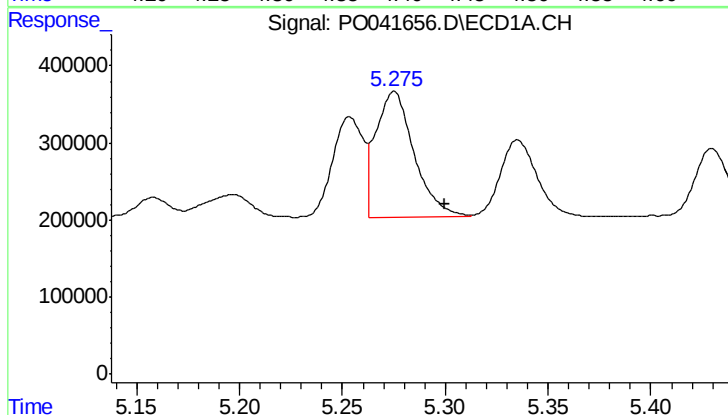
R.T.: 5.275 min
Delta R.T.: -0.003 min
Response: 2130094
Conc: 662.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



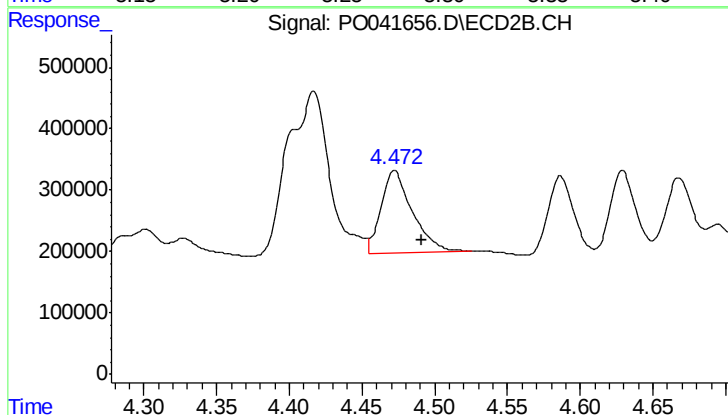
#12 AR-1232-2

R.T.: 4.417 min
Delta R.T.: -0.019 min
Response: 5314253
Conc: 550.09 ng/ml



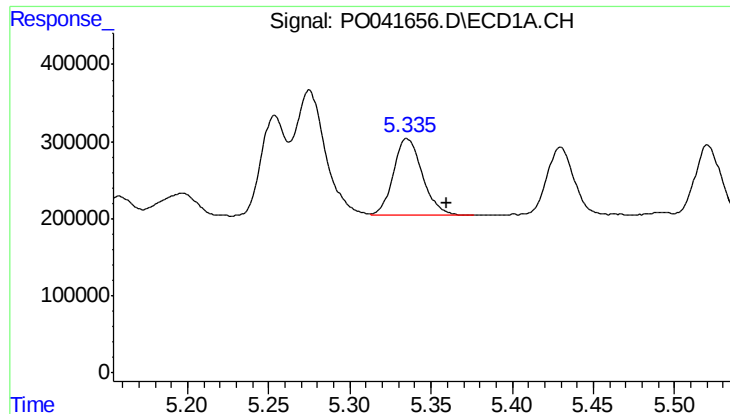
#13 AR-1232-3

R.T.: 5.275 min
Delta R.T.: -0.025 min
Response: 2130094
Conc: 390.75 ng/ml



#13 AR-1232-3

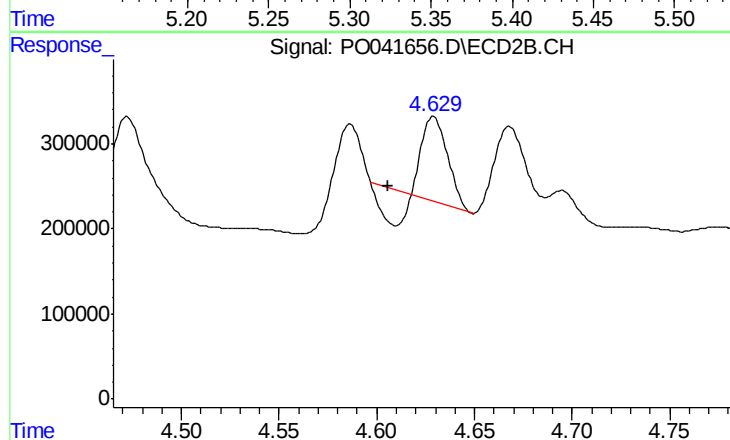
R.T.: 4.472 min
Delta R.T.: -0.019 min
Response: 2019894
Conc: 338.91 ng/ml



#14 AR-1232-4

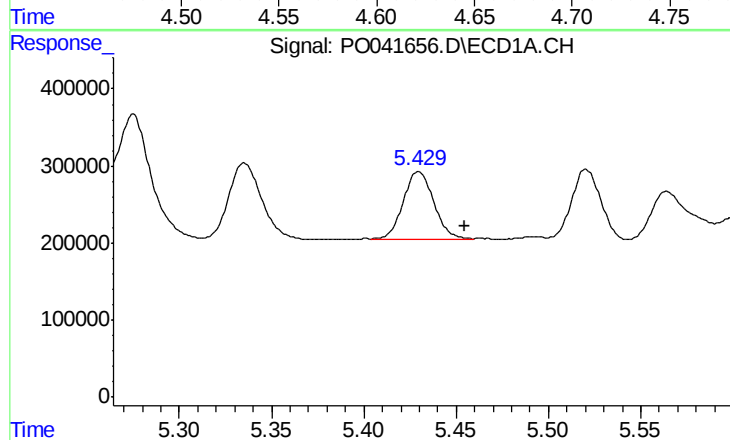
R.T.: 5.335 min
Delta R.T.: -0.025 min
Response: 1247855
Conc: 379.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



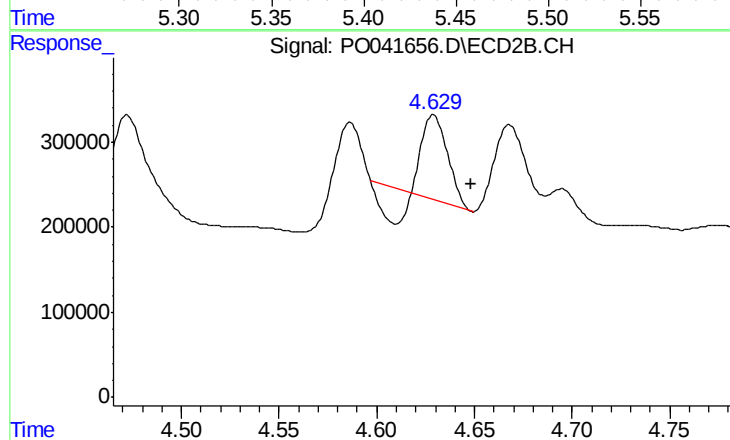
#14 AR-1232-4

R.T.: 4.629 min
Delta R.T.: 0.023 min
Response: 644187
Conc: 157.51 ng/ml



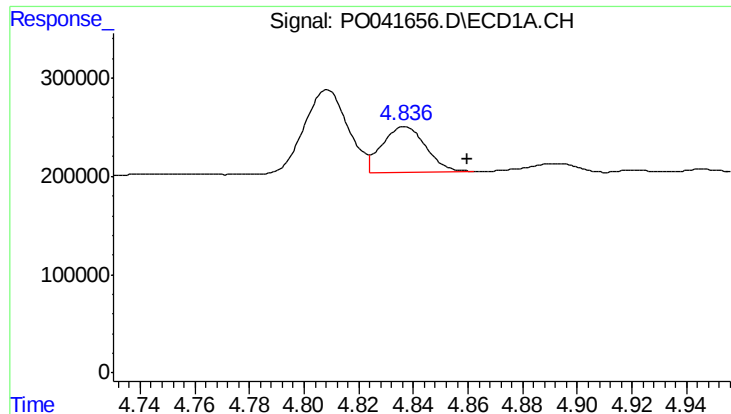
#15 AR-1232-5

R.T.: 5.430 min
Delta R.T.: -0.025 min
Response: 998093
Conc: 395.04 ng/ml



#15 AR-1232-5

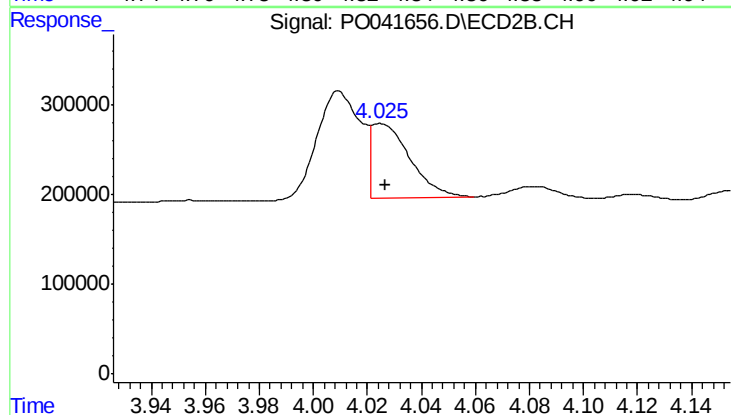
R.T.: 4.629 min
Delta R.T.: -0.019 min
Response: 644187
Conc: 221.78 ng/ml



#16 AR-1242-1

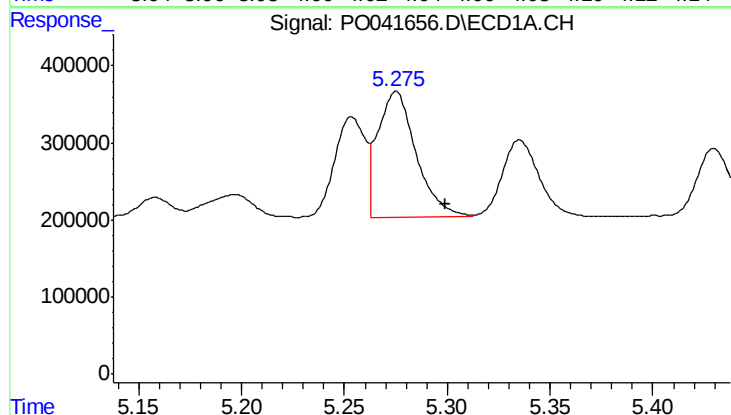
R.T.: 4.837 min
Delta R.T.: -0.023 min
Response: 518431
Conc: 196.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



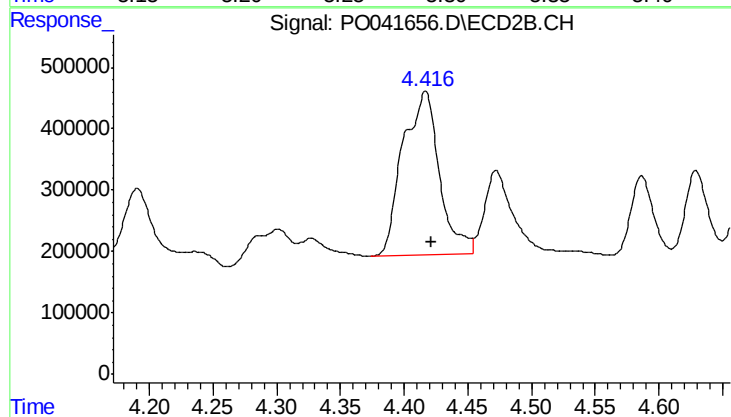
#16 AR-1242-1

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 824722
Conc: 79.51 ng/ml



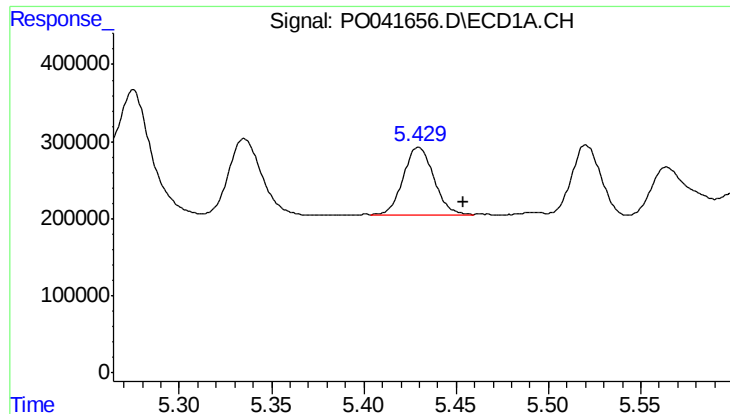
#17 AR-1242-2

R.T.: 5.275 min
Delta R.T.: -0.024 min
Response: 2130094
Conc: 221.94 ng/ml



#17 AR-1242-2

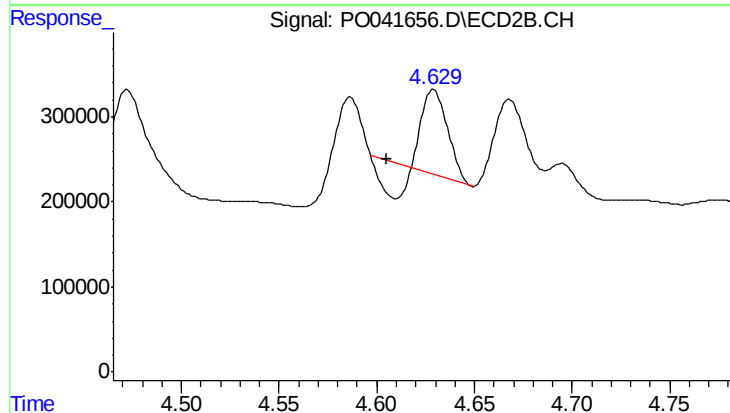
R.T.: 4.417 min
Delta R.T.: -0.004 min
Response: 5314253
Conc: 646.92 ng/ml



#18 AR-1242-3

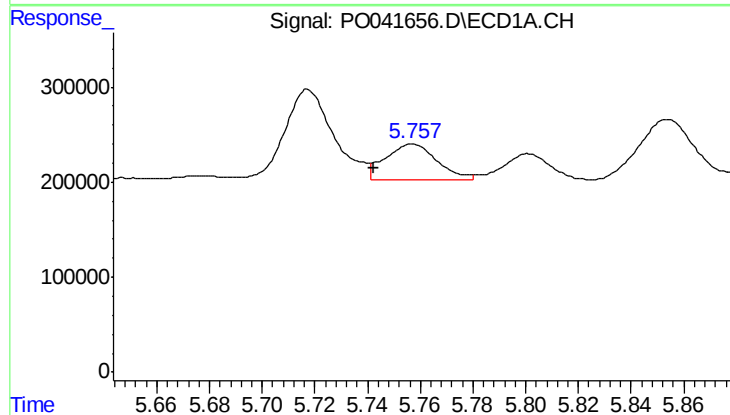
R.T.: 5.430 min
Delta R.T.: -0.024 min
Response: 998093
Conc: 216.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



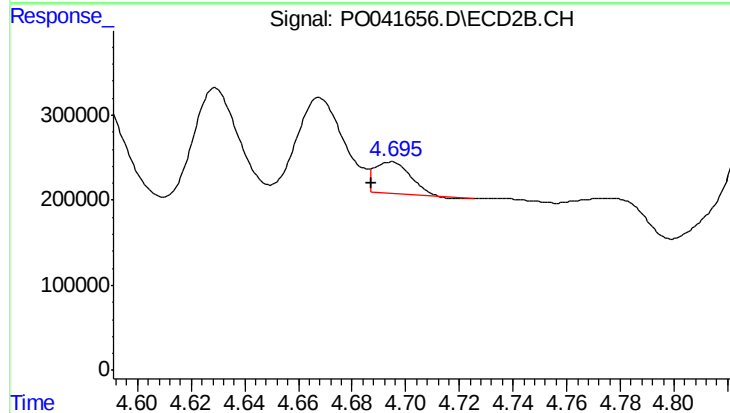
#18 AR-1242-3

R.T.: 4.629 min
Delta R.T.: 0.024 min
Response: 644187
Conc: 88.75 ng/ml



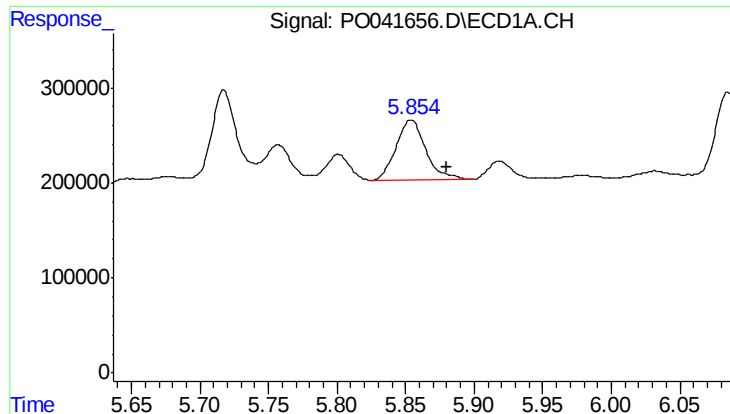
#19 AR-1242-4

R.T.: 5.757 min
Delta R.T.: 0.015 min
Response: 523913
Conc: 111.96 ng/ml



#19 AR-1242-4

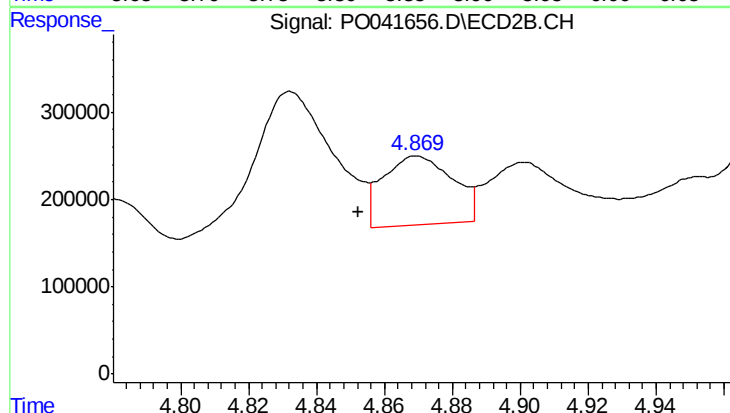
R.T.: 4.695 min
Delta R.T.: 0.008 min
Response: 341442
Conc: 47.11 ng/ml



#20 AR-1242-5

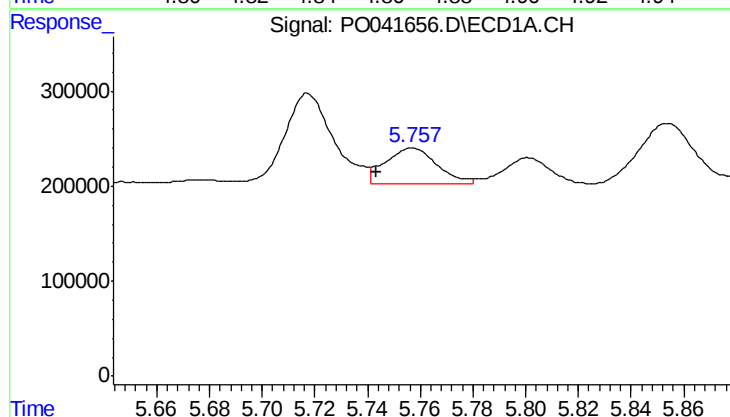
R.T.: 5.854 min
Delta R.T.: -0.026 min
Response: 955540
Conc: 182.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



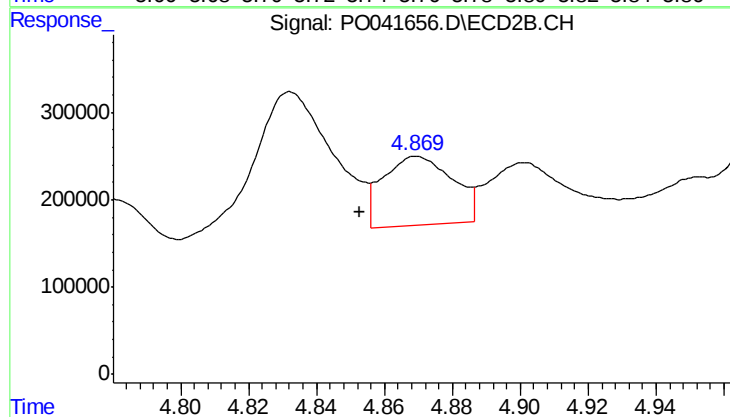
#20 AR-1242-5

R.T.: 4.869 min
Delta R.T.: 0.017 min
Response: 1131897
Conc: 142.46 ng/ml



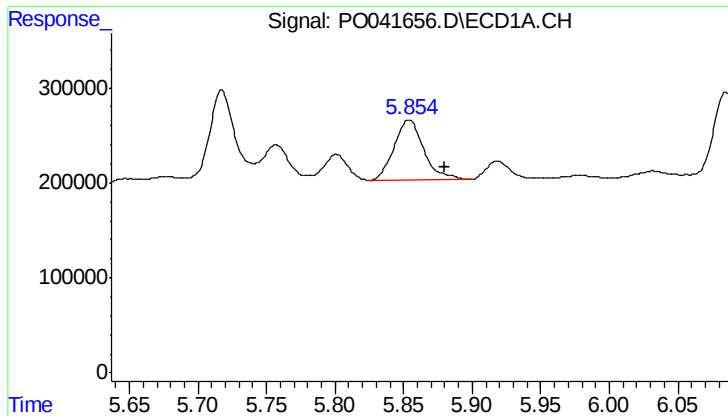
#21 AR-1248-1

R.T.: 5.757 min
Delta R.T.: 0.014 min
Response: 523913
Conc: 65.91 ng/ml



#21 AR-1248-1

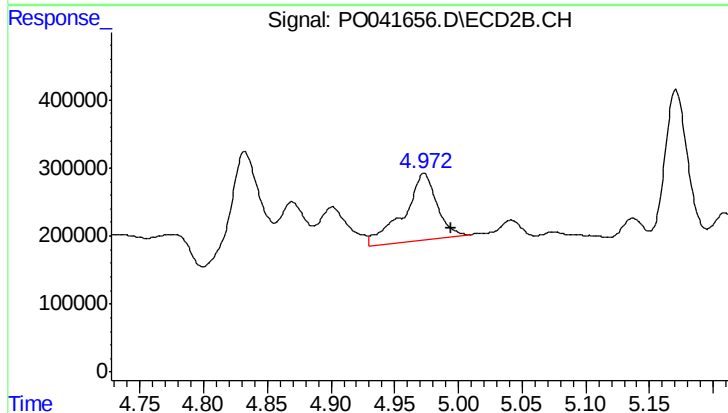
R.T.: 4.869 min
Delta R.T.: 0.017 min
Response: 1131897
Conc: 91.09 ng/ml



#22 AR-1248-2

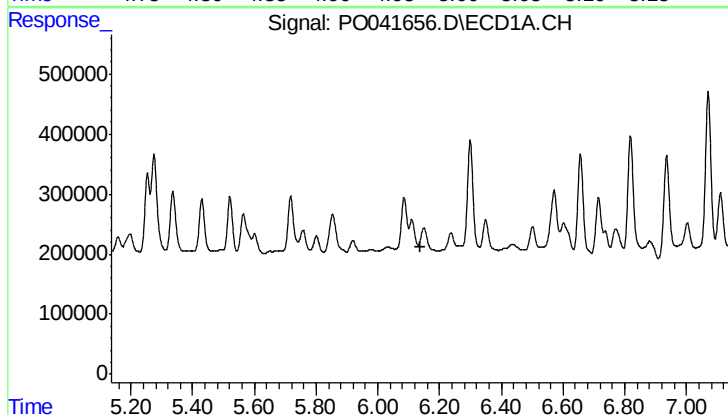
R.T.: 5.854 min
Delta R.T.: -0.026 min
Response: 955540
Conc: 144.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



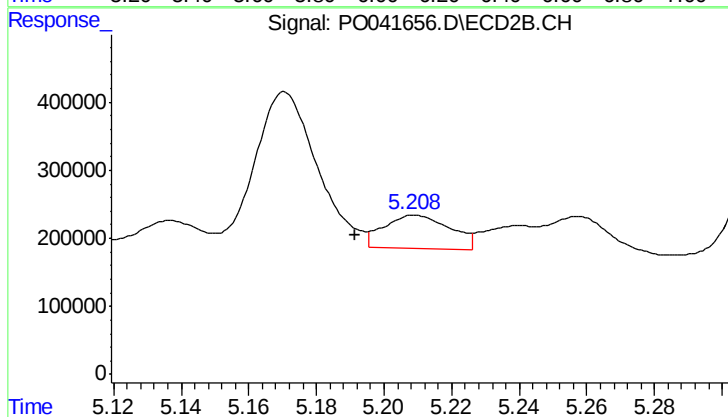
#22 AR-1248-2

R.T.: 4.973 min
Delta R.T.: -0.022 min
Response: 1789388
Conc: 163.33 ng/ml



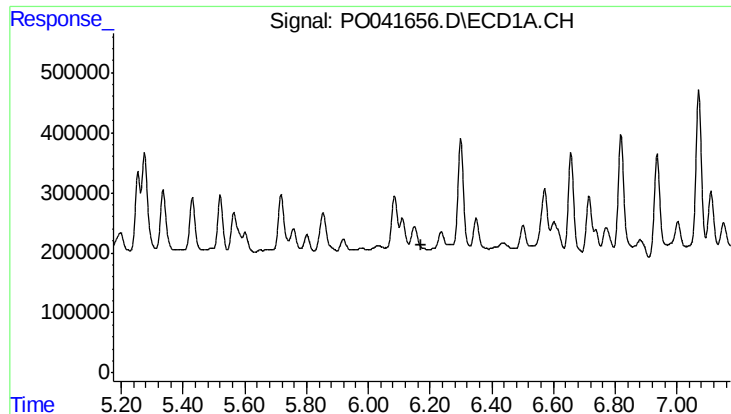
#23 AR-1248-3

R.T.: 6.085 min
Delta R.T.: -0.052 min
Response: -114195
Conc: N.D.



#23 AR-1248-3

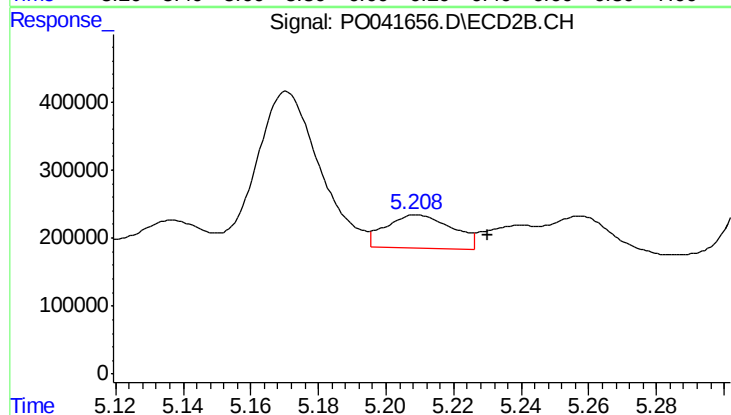
R.T.: 5.209 min
Delta R.T.: 0.017 min
Response: 659021
Conc: 34.23 ng/ml



#24 AR-1248-4

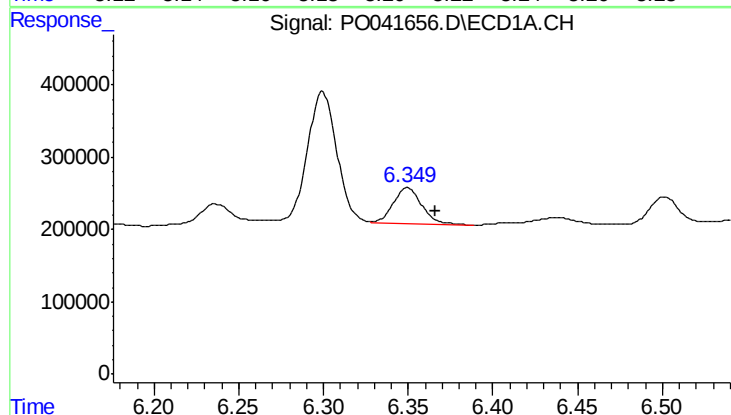
R.T.: 0.000 min
Exp R.T.: 6.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



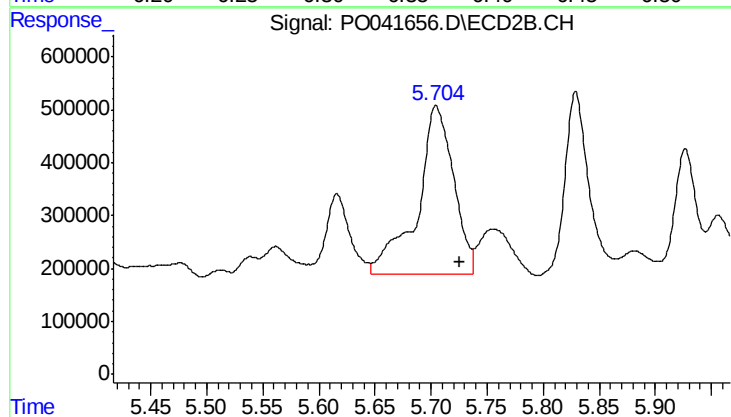
#24 AR-1248-4

R.T.: 5.209 min
Delta R.T.: -0.021 min
Response: 659021
Conc: 48.73 ng/ml



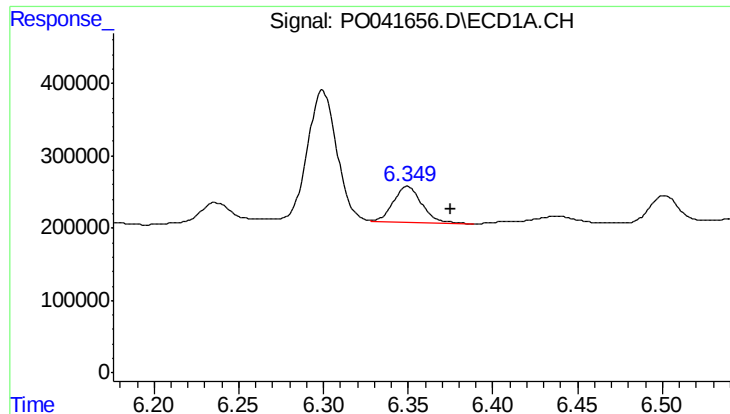
#25 AR-1248-5

R.T.: 6.349 min
Delta R.T.: -0.016 min
Response: 577195
Conc: 87.74 ng/ml



#25 AR-1248-5

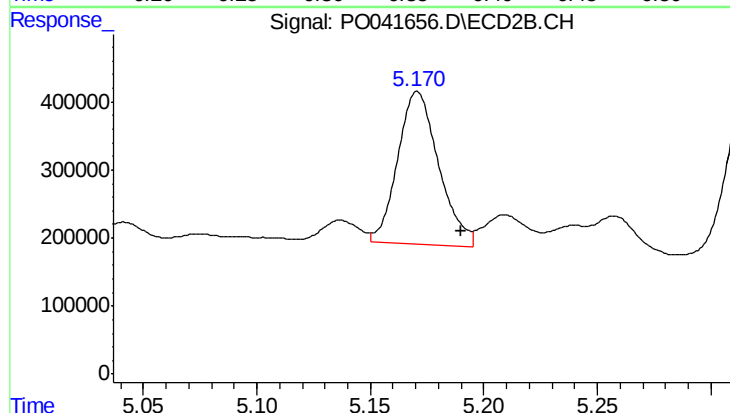
R.T.: 5.704 min
Delta R.T.: -0.021 min
Response: 7191979
Conc: 805.82 ng/ml



#26 AR-1254-1

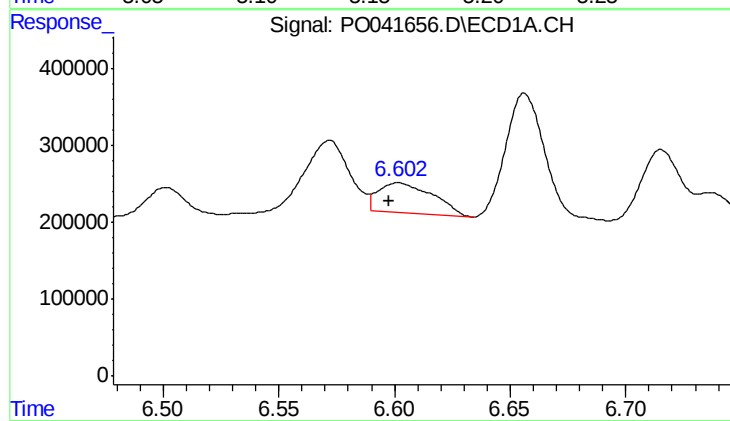
R.T.: 6.349 min
Delta R.T.: -0.025 min
Response: 577195
Conc: 113.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



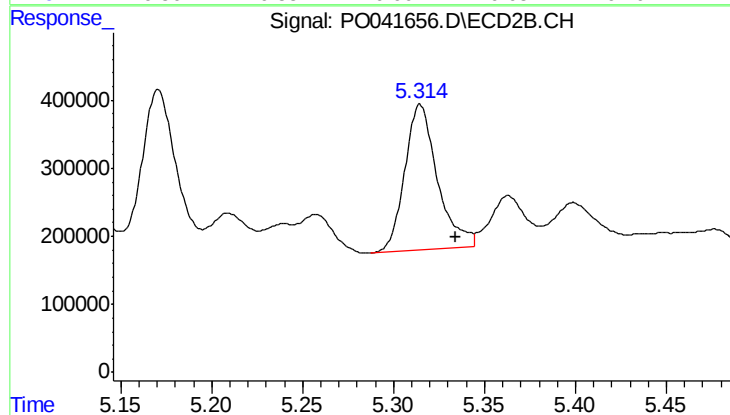
#26 AR-1254-1

R.T.: 5.171 min
Delta R.T.: -0.019 min
Response: 2826438
Conc: 135.25 ng/ml



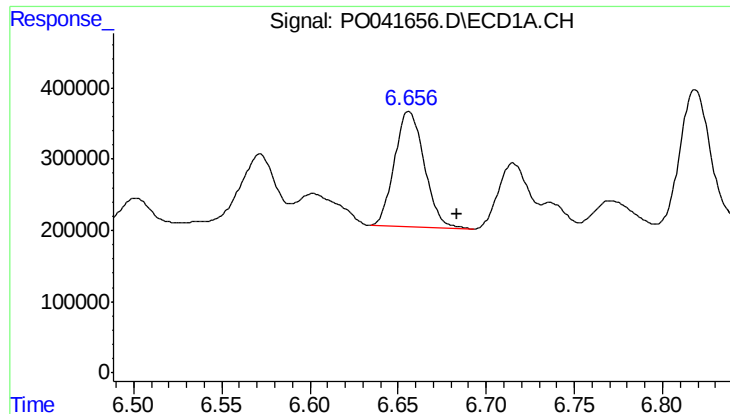
#27 AR-1254-2

R.T.: 6.602 min
Delta R.T.: 0.004 min
Response: 643572
Conc: 74.07 ng/ml



#27 AR-1254-2

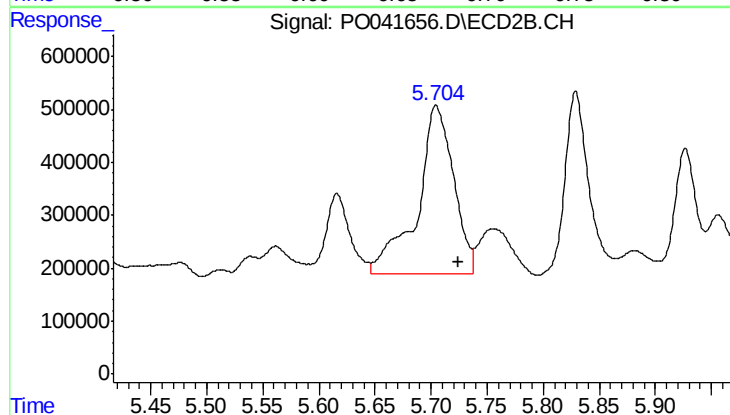
R.T.: 5.315 min
Delta R.T.: -0.019 min
Response: 2671723
Conc: 144.71 ng/ml



#28 AR-1254-3

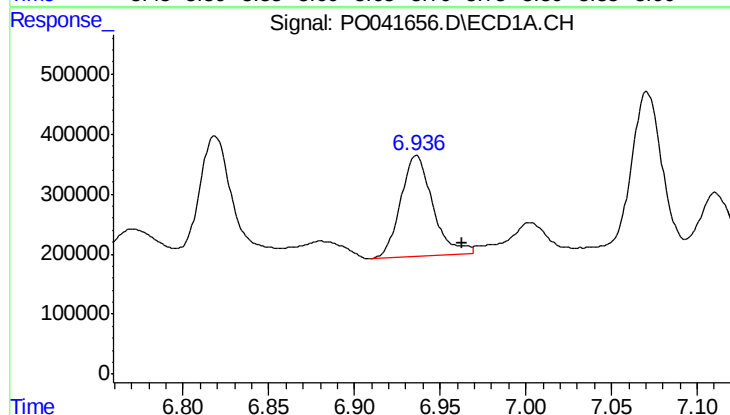
R.T.: 6.656 min
Delta R.T.: -0.027 min
Response: 1905412
Conc: 122.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



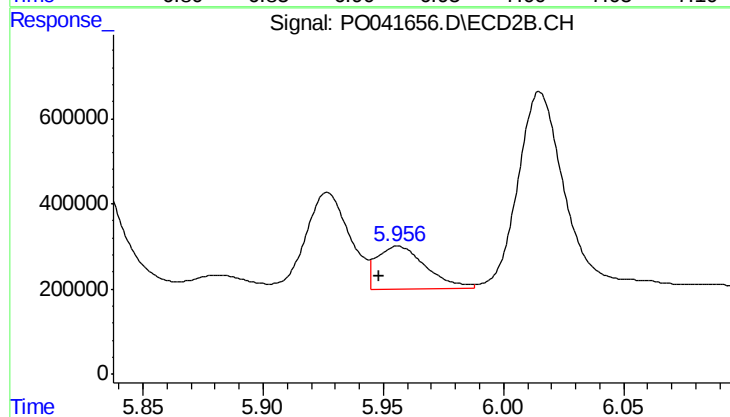
#28 AR-1254-3

R.T.: 5.704 min
Delta R.T.: -0.020 min
Response: 7191979
Conc: 239.34 ng/ml



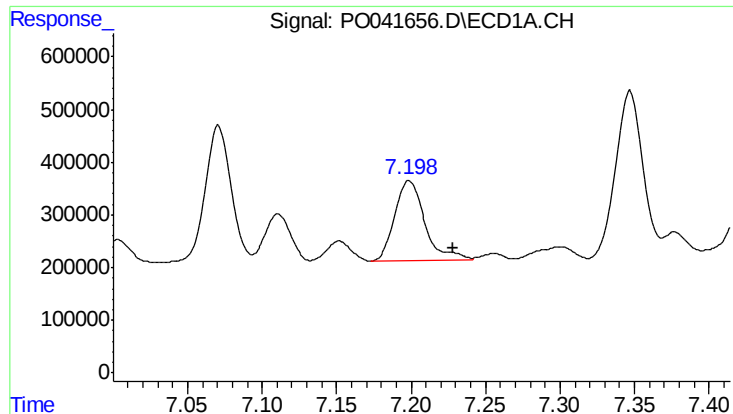
#29 AR-1254-4

R.T.: 6.936 min
Delta R.T.: -0.027 min
Response: 2188099
Conc: 158.72 ng/ml



#29 AR-1254-4

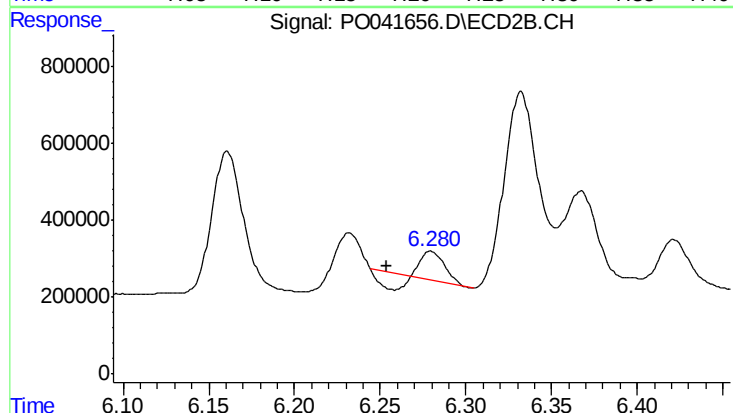
R.T.: 5.956 min
Delta R.T.: 0.008 min
Response: 1430038
Conc: 66.76 ng/ml



#30 AR-1254-5

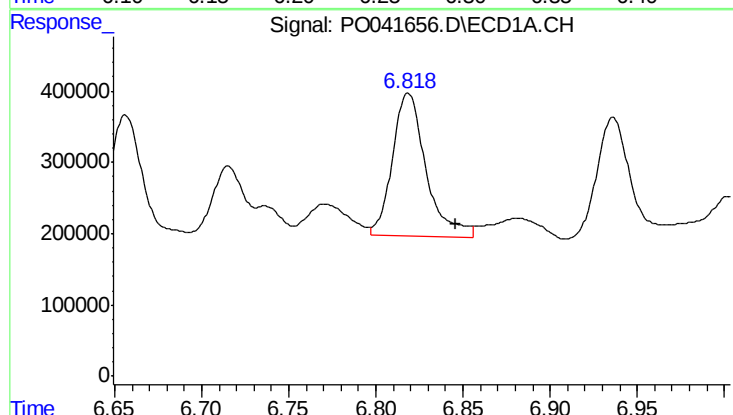
R.T.: 7.199 min
Delta R.T.: -0.030 min
Response: 2143926
Conc: 227.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



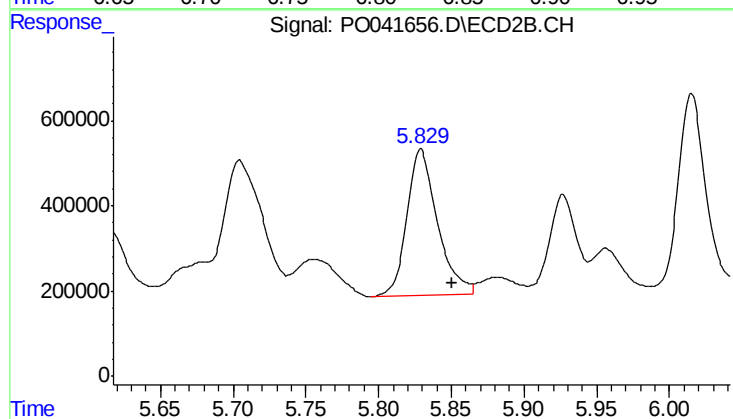
#30 AR-1254-5

R.T.: 6.280 min
Delta R.T.: 0.026 min
Response: 421718
Conc: 30.34 ng/ml



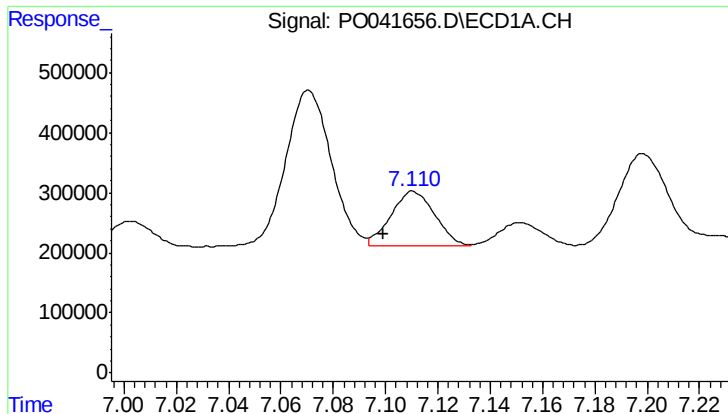
#31 AR-1260-1

R.T.: 6.819 min
Delta R.T.: -0.027 min
Response: 2715325
Conc: 201.90 ng/ml



#31 AR-1260-1

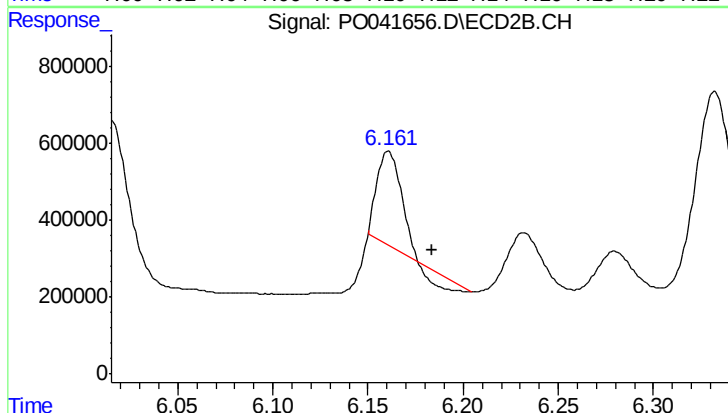
R.T.: 5.829 min
Delta R.T.: -0.022 min
Response: 5025701
Conc: 195.01 ng/ml



#32 AR-1260-2

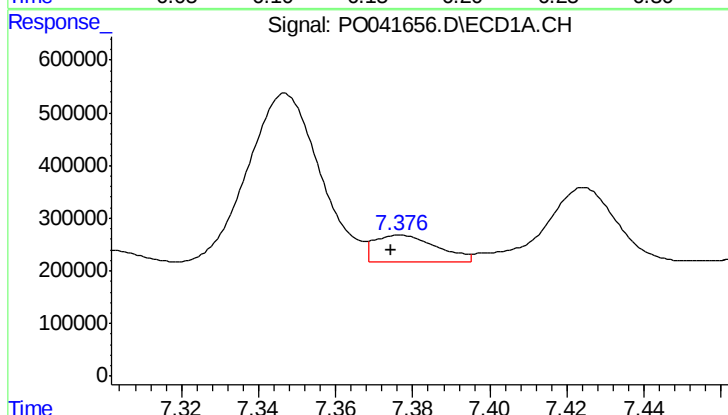
R.T.: 7.111 min
Delta R.T.: 0.011 min
Response: 1058251
Conc: 53.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



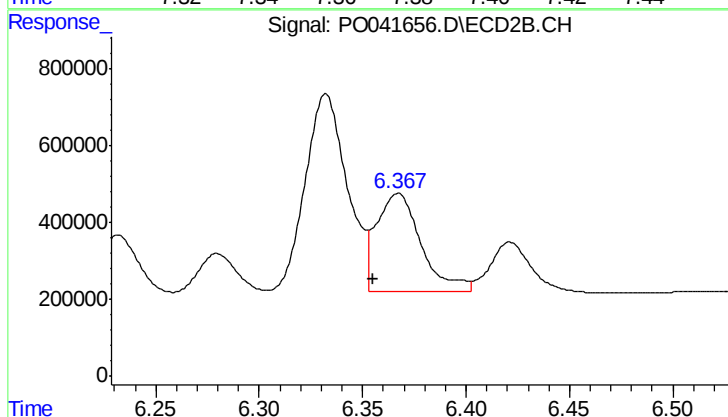
#32 AR-1260-2

R.T.: 6.161 min
Delta R.T.: -0.023 min
Response: 1850393
Conc: 59.61 ng/ml



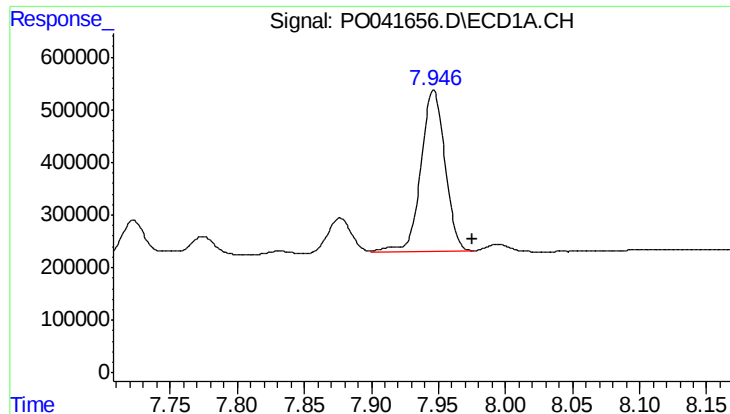
#33 AR-1260-3

R.T.: 7.377 min
Delta R.T.: 0.002 min
Response: 580789
Conc: 28.02 ng/ml



#33 AR-1260-3

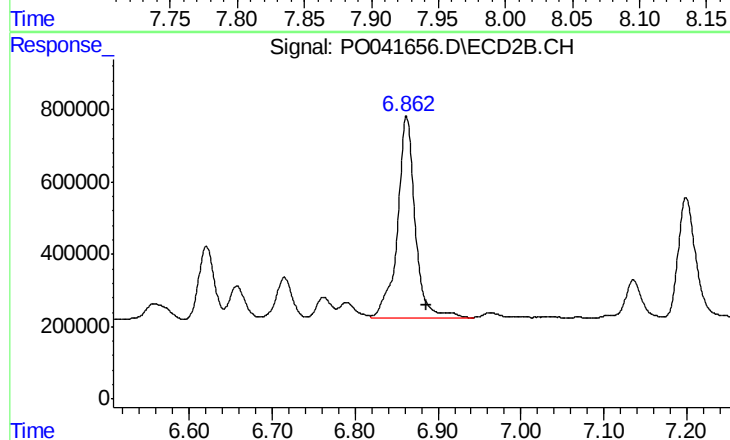
R.T.: 6.367 min
Delta R.T.: 0.012 min
Response: 3858358
Conc: 103.62 ng/ml



#34 AR-1260-4

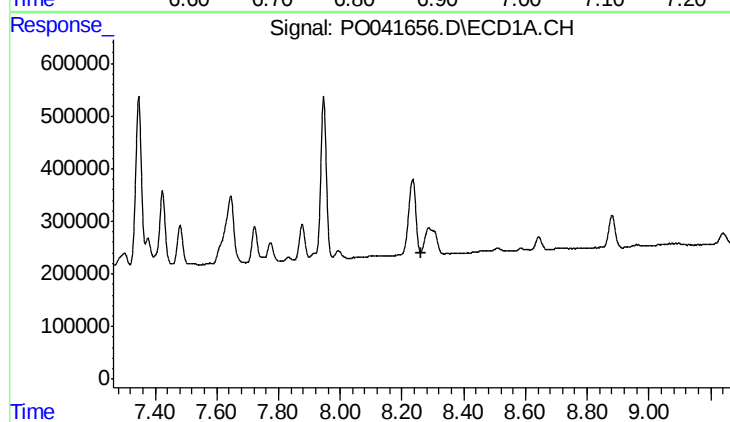
R.T.: 7.946 min
Delta R.T.: -0.029 min
Response: 3853680
Conc: 124.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



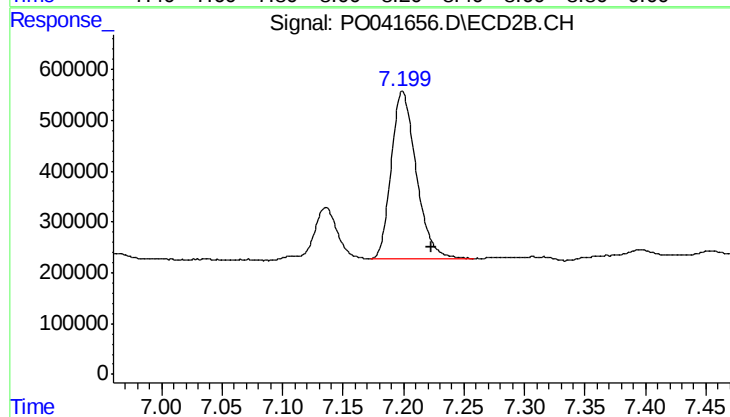
#34 AR-1260-4

R.T.: 6.862 min
Delta R.T.: -0.023 min
Response: 8268062
Conc: 119.61 ng/ml



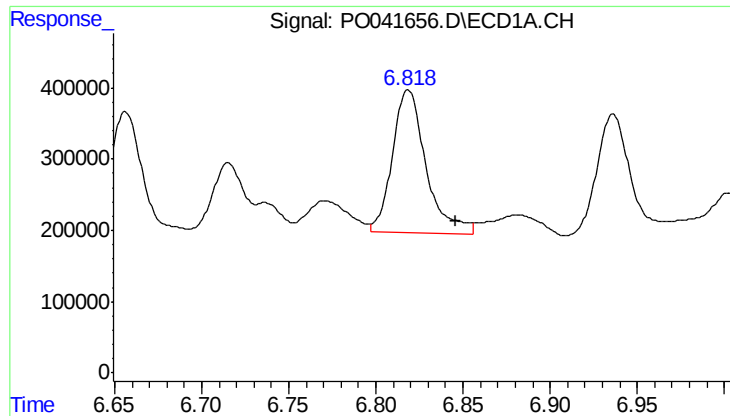
#35 AR-1260-5

R.T.: 8.287 min
Delta R.T.: 0.022 min
Response: -139149
Conc: N.D.



#35 AR-1260-5

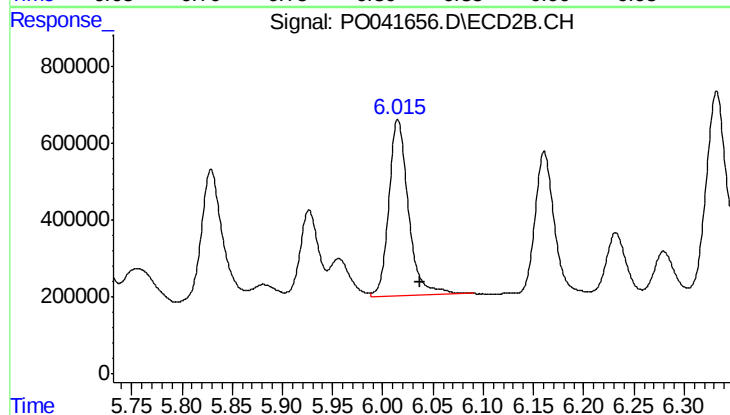
R.T.: 7.199 min
Delta R.T.: -0.024 min
Response: 4749263
Conc: 104.59 ng/ml



#36 AR-1262-1

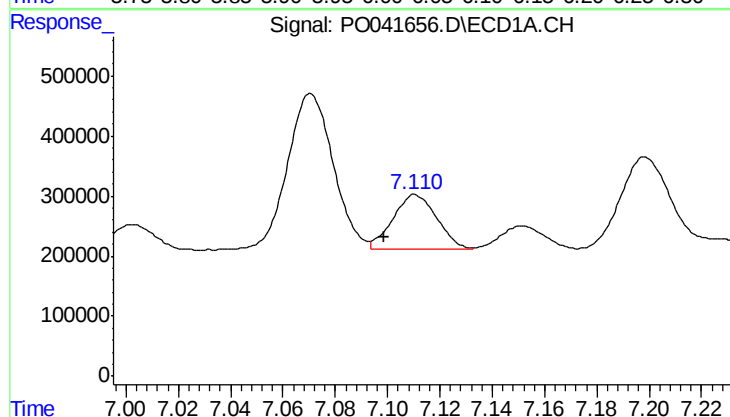
R.T.: 6.819 min
Delta R.T.: -0.027 min
Response: 2715325
Conc: 305.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



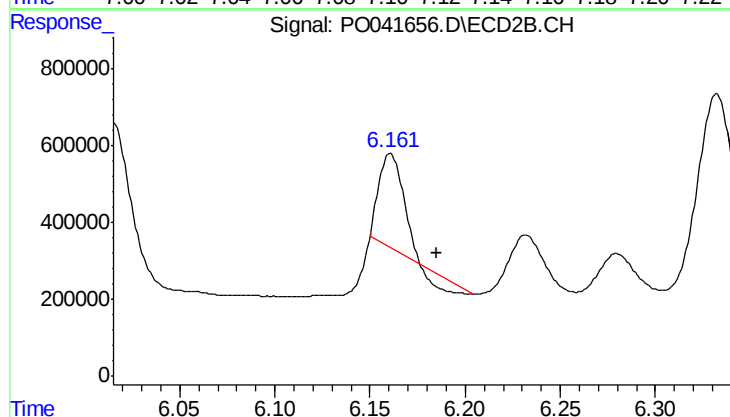
#36 AR-1262-1

R.T.: 6.015 min
Delta R.T.: -0.022 min
Response: 6230728
Conc: 263.56 ng/ml



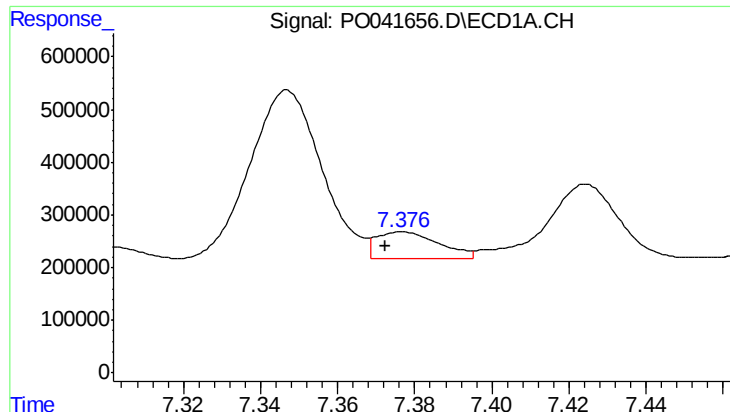
#37 AR-1262-2

R.T.: 7.111 min
Delta R.T.: 0.012 min
Response: 1058251
Conc: 82.07 ng/ml



#37 AR-1262-2

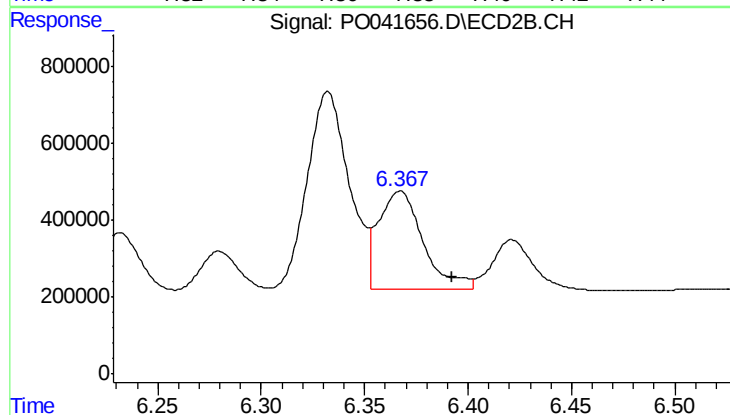
R.T.: 6.161 min
Delta R.T.: -0.024 min
Response: 1850393
Conc: 87.76 ng/ml



#38 AR-1262-3

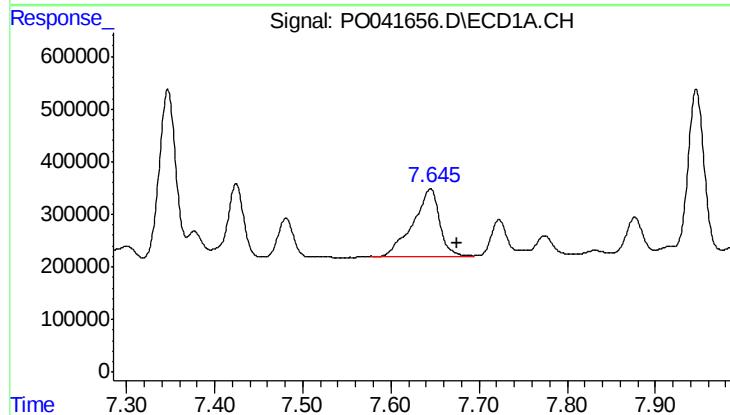
R.T.: 7.377 min
Delta R.T.: 0.004 min
Response: 580789
Conc: 50.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



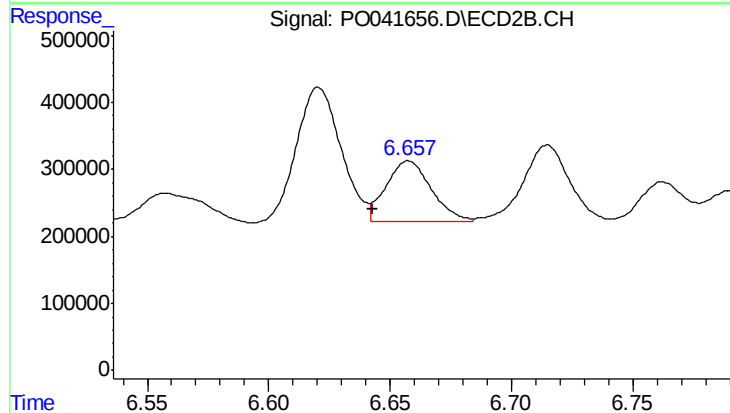
#38 AR-1262-3

R.T.: 6.367 min
Delta R.T.: -0.025 min
Response: 3858358
Conc: 94.02 ng/ml



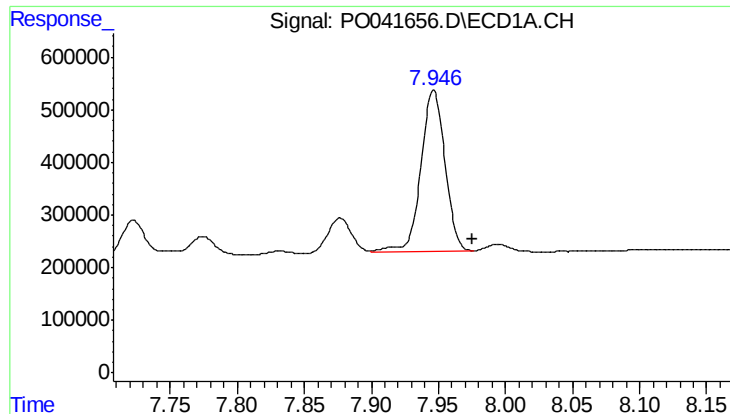
#39 AR-1262-4

R.T.: 7.645 min
Delta R.T.: -0.029 min
Response: 2643919
Conc: 177.11 ng/ml



#39 AR-1262-4

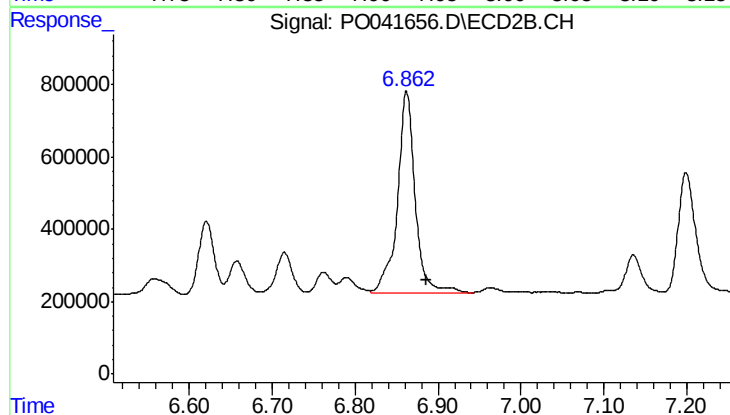
R.T.: 6.658 min
Delta R.T.: 0.014 min
Response: 1184724
Conc: 39.12 ng/ml



#40 AR-1262-5

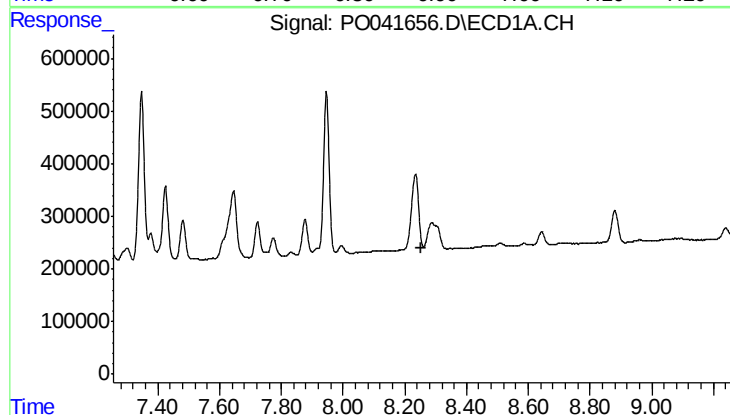
R.T.: 7.946 min
Delta R.T.: -0.029 min
Response: 3853680
Conc: 125.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



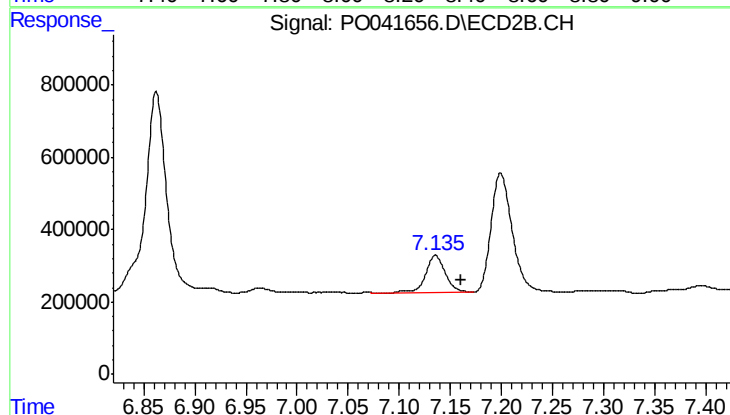
#40 AR-1262-5

R.T.: 6.862 min
Delta R.T.: -0.024 min
Response: 8268062
Conc: 124.69 ng/ml



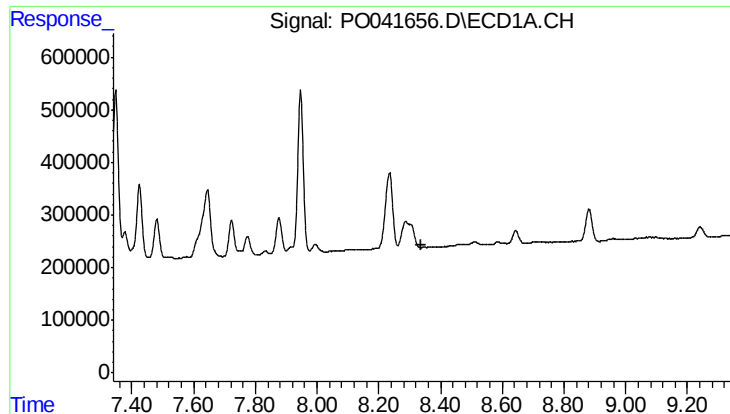
#41 AR-1268-1

R.T.: 8.235 min
Delta R.T.: -0.020 min
Response: -251285
Conc: N.D.



#41 AR-1268-1

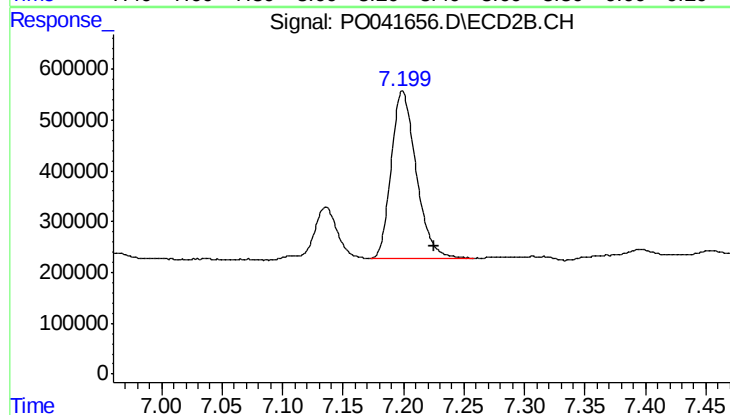
R.T.: 7.136 min
Delta R.T.: -0.025 min
Response: 1362020
Conc: 15.60 ng/ml



#42 AR-1268-2

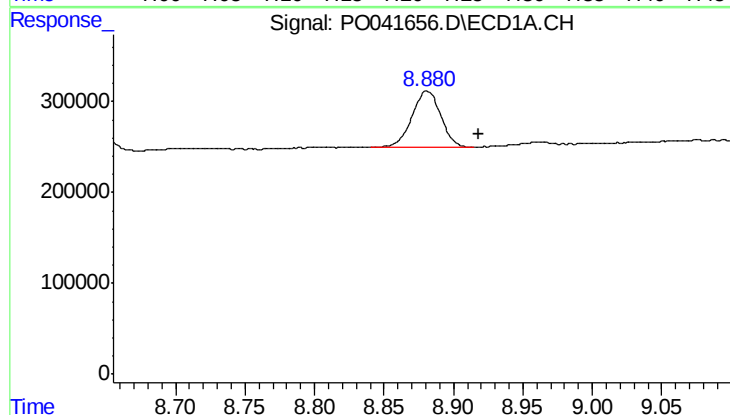
R.T.: 8.287 min
Delta R.T.: -0.053 min
Response: -139149
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



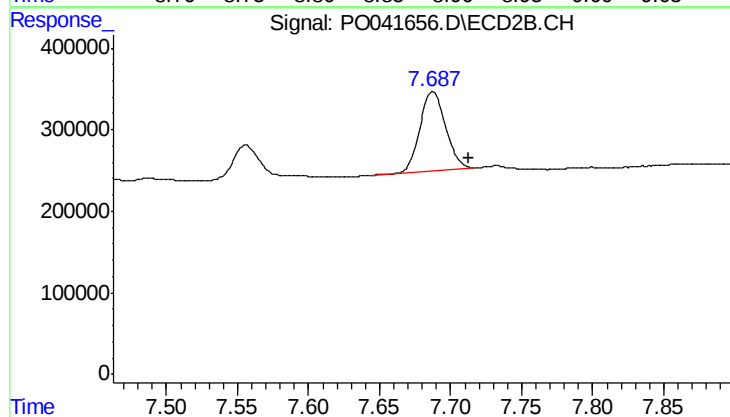
#42 AR-1268-2

R.T.: 7.199 min
Delta R.T.: -0.026 min
Response: 4749263
Conc: 63.12 ng/ml



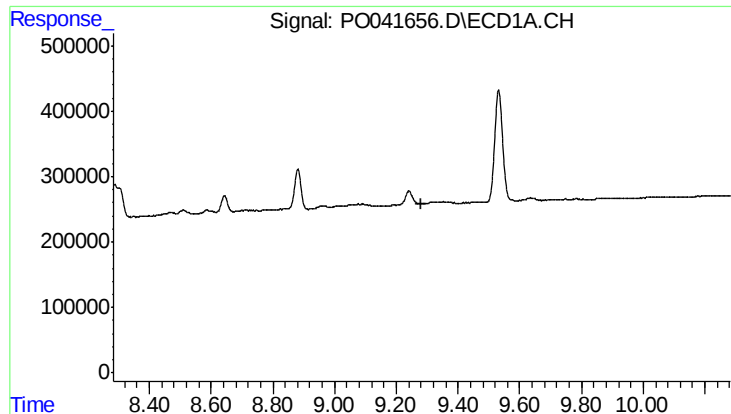
#44 AR-1268-4

R.T.: 8.881 min
Delta R.T.: -0.037 min
Response: 883419
Conc: 70.41 ng/ml



#44 AR-1268-4

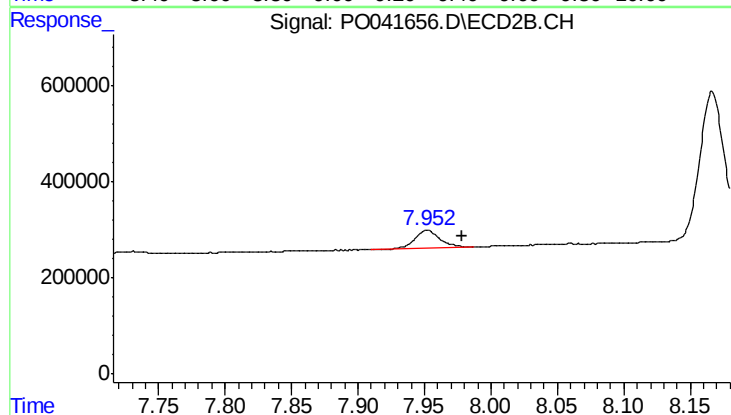
R.T.: 7.687 min
Delta R.T.: -0.026 min
Response: 1219440
Conc: 47.15 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
22C-2MSD



#45 AR-1268-5

R.T.: 7.952 min
Delta R.T.: -0.026 min
Response: 487089
Conc: 2.96 ng/ml