

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091318\
 Data File : P0048976.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Sep 2018 18:58
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 01:00:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 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...	4.398	3.527	10299395	13663619	62.866	74.898
2)	SA Decachlor...	10.109	8.462	9920656	8915921	44.529	48.047
Target Compounds							
3)	L1 AR-1016-1	5.107	4.190	2315747	3628900	510.866	714.774 #
4)	L1 AR-1016-2	5.301	4.596	2342000	5454813	493.594	704.557 #
5)	L1 AR-1016-3	5.569	4.615	3587254	7306423	496.238	707.304 #
6)	L1 AR-1016-4	5.654	4.669	3033129	5009857	482.423	673.852 #
7)	L1 AR-1016-5	6.047	5.040	2751679	4114945	517.661	593.148
8)	L2 AR-1221-1	4.603	3.737	289352	500036	161.811	246.242 #
9)	L2 AR-1221-2	4.696	3.822	426577	709250	311.579	458.854 #
10)	L2 AR-1221-3	4.771	3.897	1741586	2548658	385.086	534.708 #
11)	L3 AR-1232-1	5.498	4.378	430017	3843968	1187.674	1939.905 #
12)	L3 AR-1232-2	5.753	4.493	2539374	1260586	1322.564	1861.740 #
13)	L3 AR-1232-3	5.926	4.871	805676	3843776	1493.835	2048.392 #
14)	L3 AR-1232-4	6.255	5.187	784637	3558822	1629.981	1697.125
15)	L3 AR-1232-5	7.119	5.758	676822	83194	2191.124	326.689 #
16)	L4 AR-1242-1	5.137	4.210	1272063	2065833	761.056	1094.273 #
17)	L4 AR-1242-2	5.888	4.788	2265669	4122354	696.192	991.162 #
18)	L4 AR-1242-3	6.088	4.902	1191814	1412763	759.561	965.308 #
19)	L4 AR-1242-4	6.132	5.257	913514	1058101	759.976	840.388
20)	L4 AR-1242-5	6.188	5.642	3178945	128145	731.954	37.858 #
21)	L5 AR-1248-1	5.842	4.830	2100071	3106000	377.532	463.097
22)	L5 AR-1248-2	6.423	5.387	2593822	3907088	426.282	307.346 #
23)	L5 AR-1248-3	6.450	5.427	1012345	1004384	126.126	111.887
24)	L5 AR-1248-4	6.489	5.599	829747	234448	108.206	28.889 #
25)	L5 AR-1248-5	6.641	5.947	2214598	5214663	422.570	831.462 #
26)	L6 AR-1254-1	6.641	5.533	2214598	2765462	142.174	208.571 #
27)	L6 AR-1254-2	6.924	5.844	374866	632902	36.944	54.228 #
28)	L6 AR-1254-3	7.009	6.159	1167856	539846	65.177	36.553 #
29)	L6 AR-1254-4	7.294	6.480	680291	996006	49.201	89.126 #
30)	L6 AR-1254-5	7.557	6.573	2731201	9418603	270.554	449.936 #
31)	L7 AR-1260-1	7.171	6.062	5247460	7153835	419.685	527.343 #
32)	L7 AR-1260-2	7.429	6.248	6301560	8588068	454.178	506.355
33)	L7 AR-1260-3	7.713	6.400	7047067	8116961	469.448	505.110
34)	L7 AR-1260-4	8.013	6.868	4828738	5998144	482.570	450.827
35)	L7 AR-1260-5	8.330	7.108	9705976	13433806	477.140	436.979
36)	L8 AR-1262-1	7.066	5.947	3464726	5214663	526.708	696.031 #
37)	L8 AR-1262-2	7.845	6.664	2196454	3504662	427.564	464.884
38)	L8 AR-1262-3	8.093	6.965	2290751	3343729	450.474	406.924
39)	L8 AR-1262-4	8.708	7.391	3737348	2892202	345.811	234.028 #
40)	L8 AR-1262-5	9.375	7.944	2688160	3122572	328.847	307.323
41)	L9 AR-1268-1	7.786	6.611	4277833	6700029	836.523	883.133

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

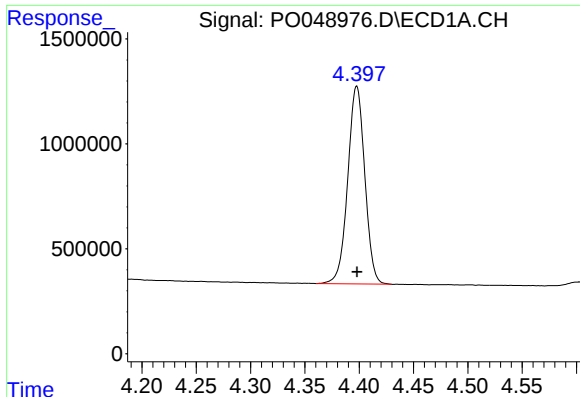
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 01:00:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
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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
42) L9	AR-1268-2	8.013	7.453	4828738	9274892	789.219	278.891 #
43) L9	AR-1268-3	8.653	7.660	6247768	183931	238.338	6.738 #
44) L9	AR-1268-4	8.951	7.750	148043	128200	6.864	16.550 #
45) L9	AR-1268-5	9.781	8.220	685961	837841	9.277	11.815 #

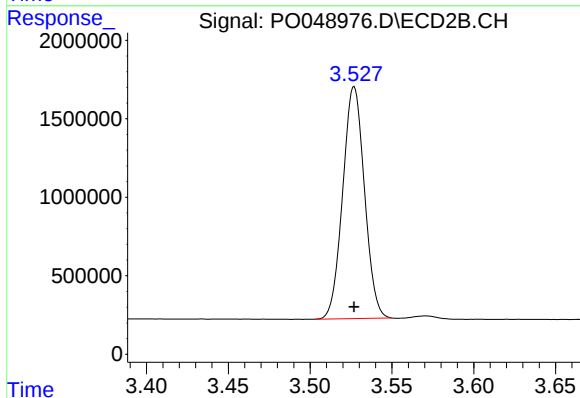
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

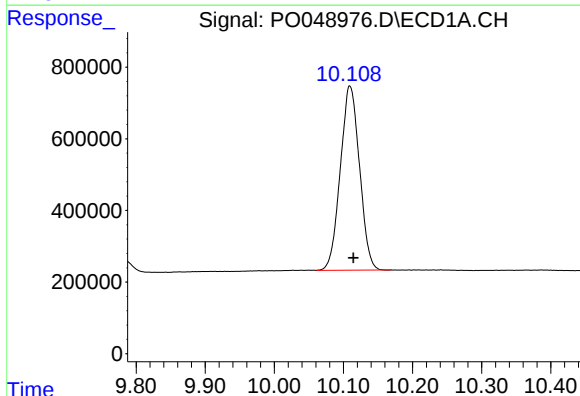
R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 10299395
Conc: 62.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



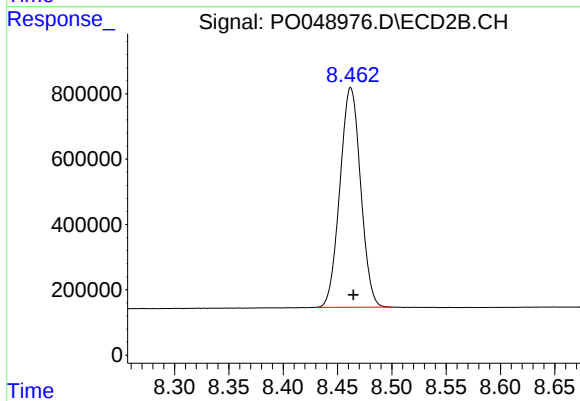
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 13663619
Conc: 74.90 ng/ml



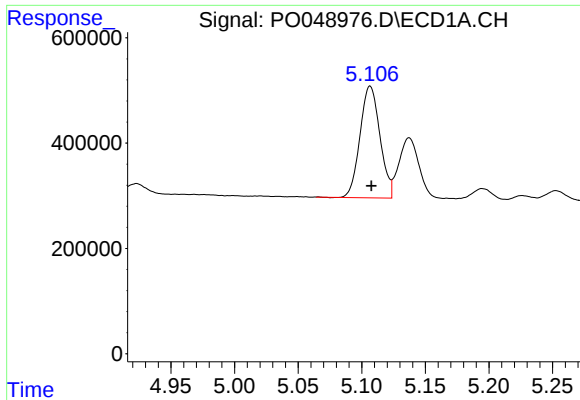
#2 Decachlorobiphenyl

R.T.: 10.109 min
Delta R.T.: -0.005 min
Response: 9920656
Conc: 44.53 ng/ml



#2 Decachlorobiphenyl

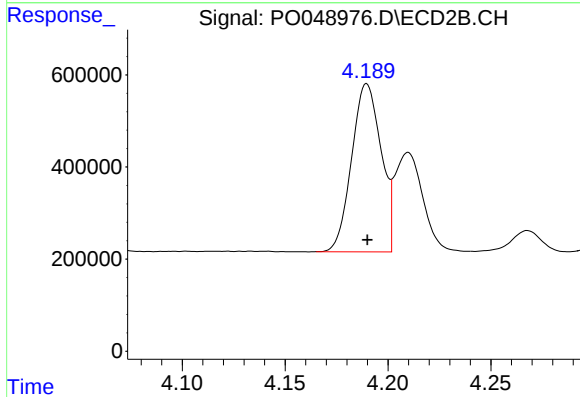
R.T.: 8.462 min
Delta R.T.: -0.002 min
Response: 8915921
Conc: 48.05 ng/ml



#3 AR-1016-1

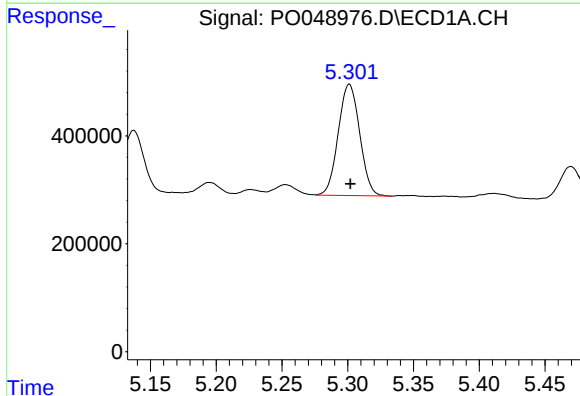
R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 2315747
Conc: 510.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



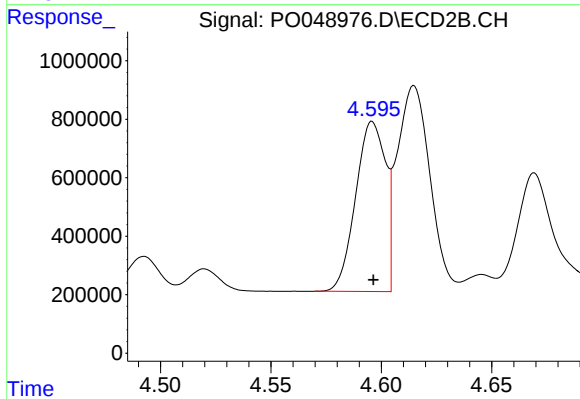
#3 AR-1016-1

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 3628900
Conc: 714.77 ng/ml



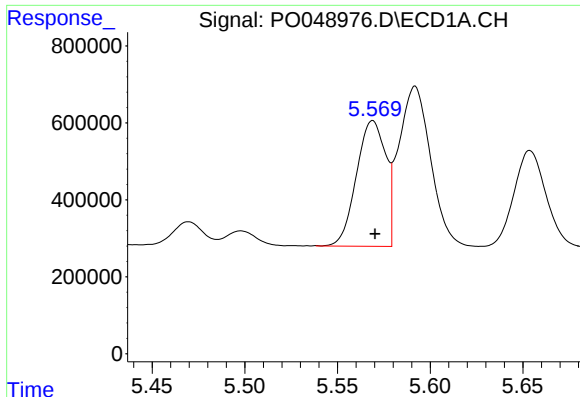
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 2342000
Conc: 493.59 ng/ml



#4 AR-1016-2

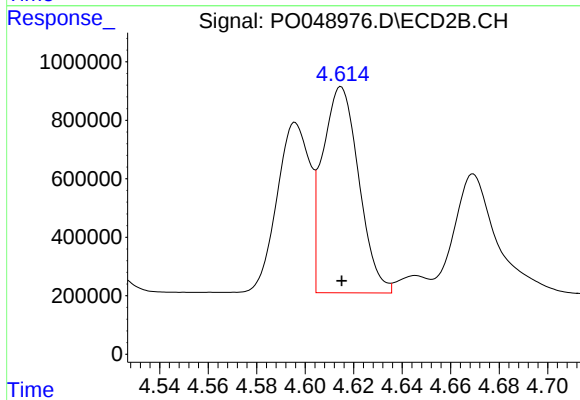
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 5454813
Conc: 704.56 ng/ml



#5 AR-1016-3

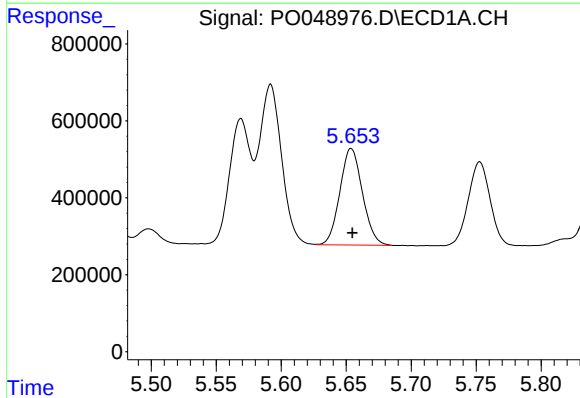
R.T.: 5.569 min
Delta R.T.: -0.001 min
Response: 3587254
Conc: 496.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



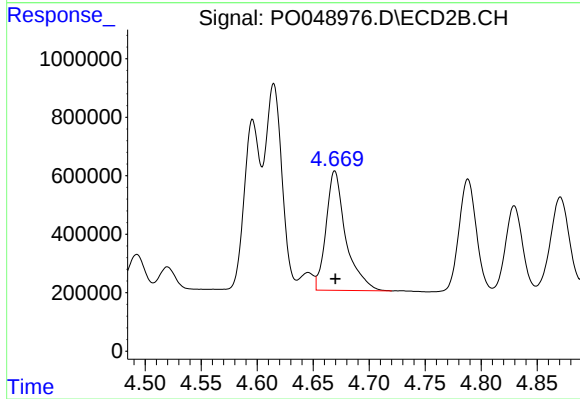
#5 AR-1016-3

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 7306423
Conc: 707.30 ng/ml



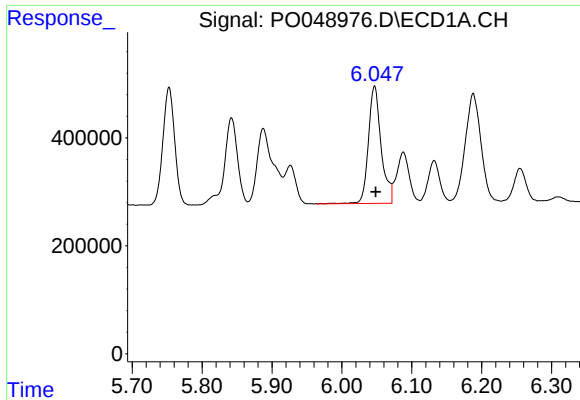
#6 AR-1016-4

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 3033129
Conc: 482.42 ng/ml



#6 AR-1016-4

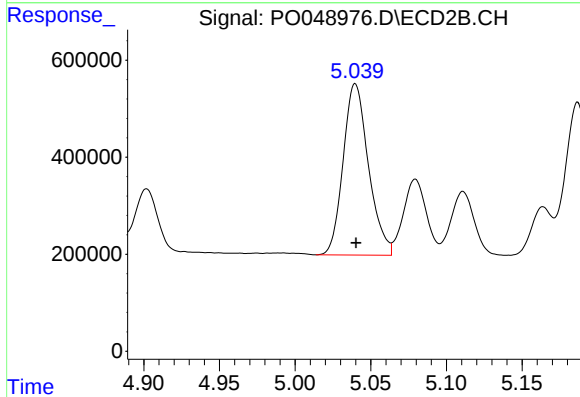
R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 5009857
Conc: 673.85 ng/ml



#7 AR-1016-5

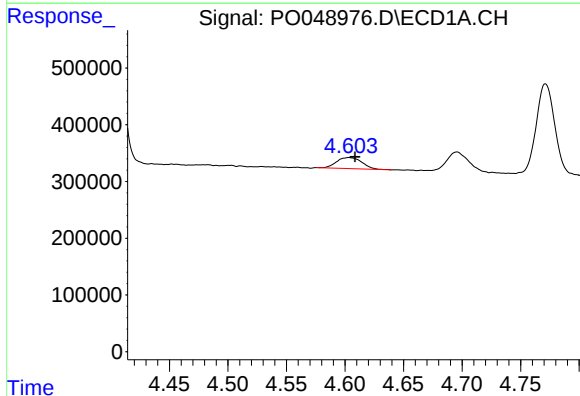
R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 2751679
Conc: 517.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



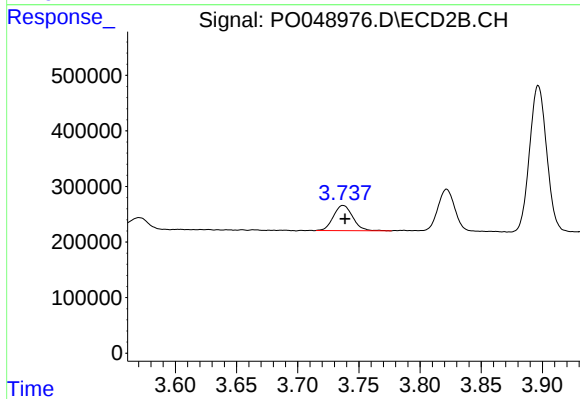
#7 AR-1016-5

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 4114945
Conc: 593.15 ng/ml



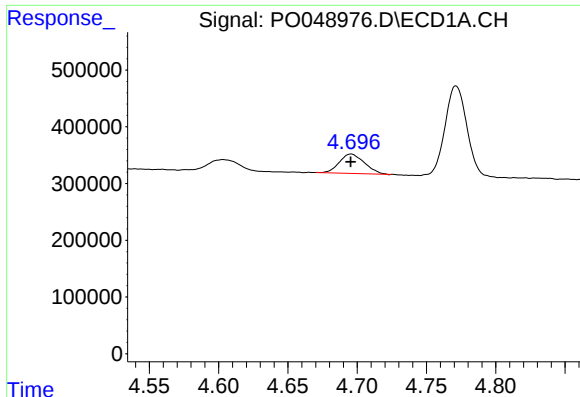
#8 AR-1221-1

R.T.: 4.603 min
Delta R.T.: -0.005 min
Response: 289352
Conc: 161.81 ng/ml



#8 AR-1221-1

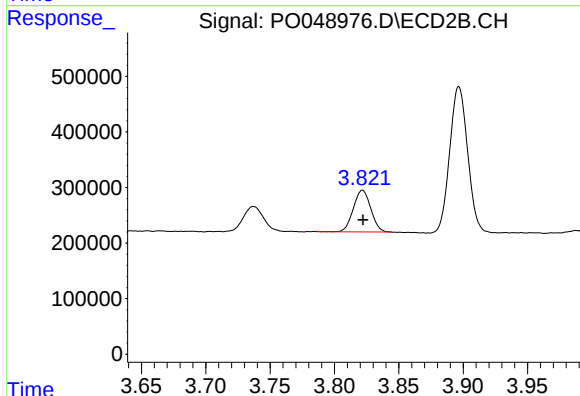
R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 500036
Conc: 246.24 ng/ml



#9 AR-1221-2

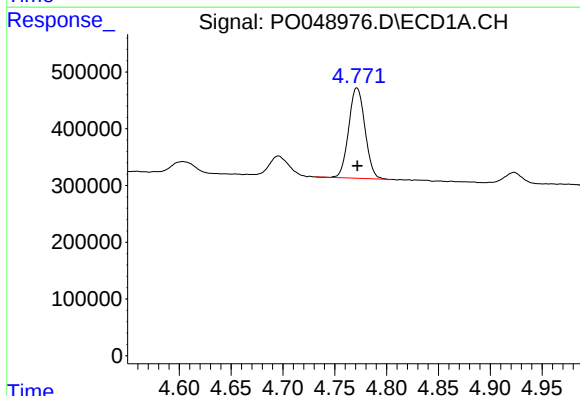
R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 426577
Conc: 311.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



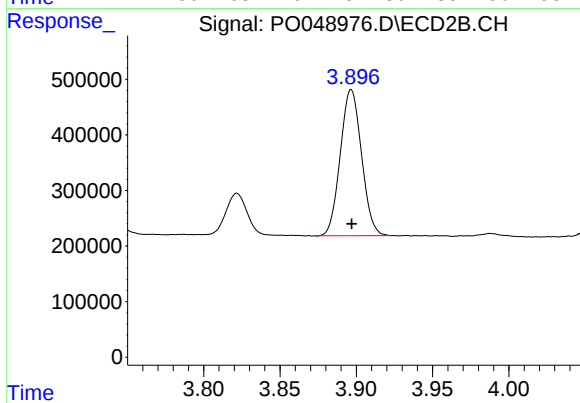
#9 AR-1221-2

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 709250
Conc: 458.85 ng/ml



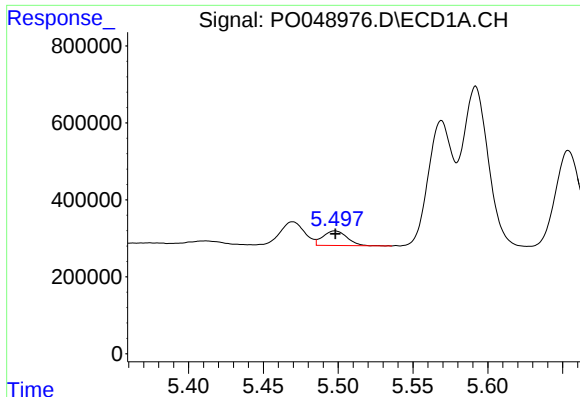
#10 AR-1221-3

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 1741586
Conc: 385.09 ng/ml



#10 AR-1221-3

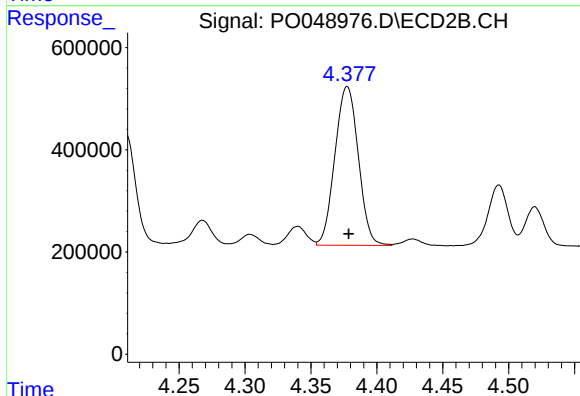
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 2548658
Conc: 534.71 ng/ml



#11 AR-1232-1

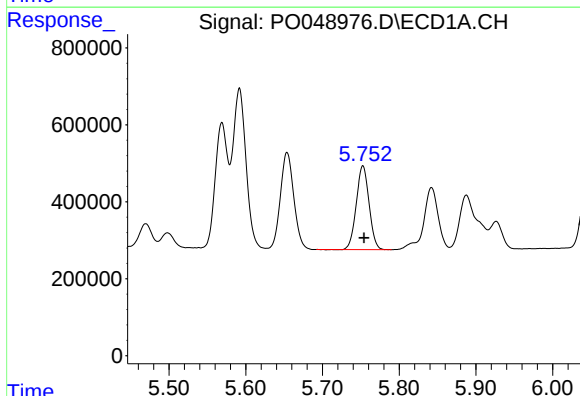
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 430017
Conc: 1187.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



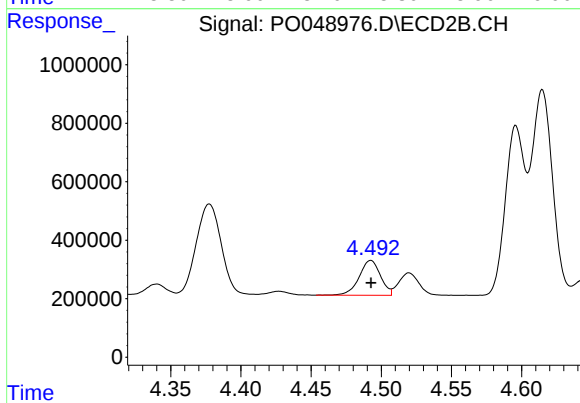
#11 AR-1232-1

R.T.: 4.378 min
Delta R.T.: -0.001 min
Response: 3843968
Conc: 1939.91 ng/ml



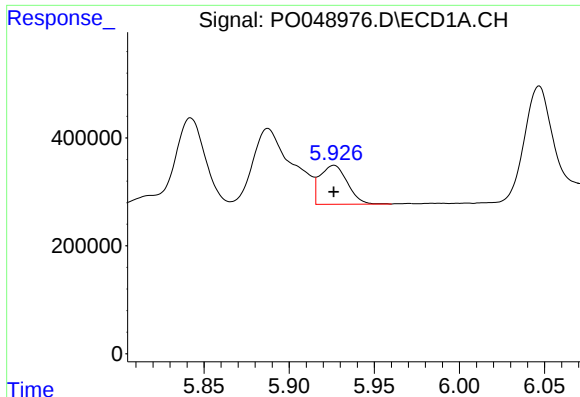
#12 AR-1232-2

R.T.: 5.753 min
Delta R.T.: -0.001 min
Response: 2539374
Conc: 1322.56 ng/ml



#12 AR-1232-2

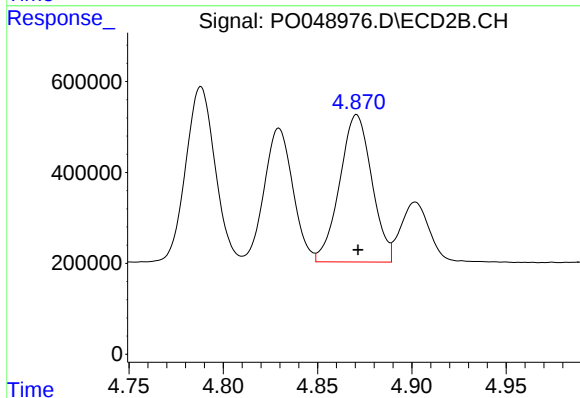
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 1260586
Conc: 1861.74 ng/ml



#13 AR-1232-3

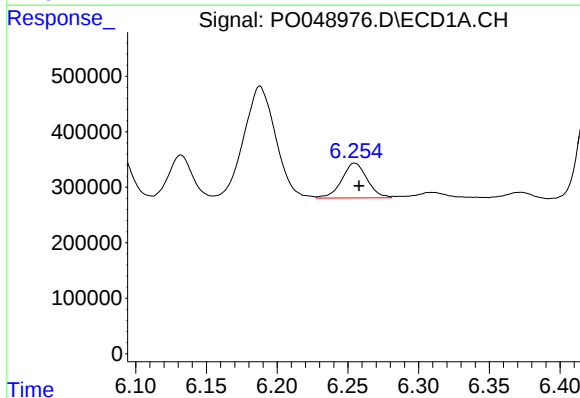
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 805676
Conc: 1493.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



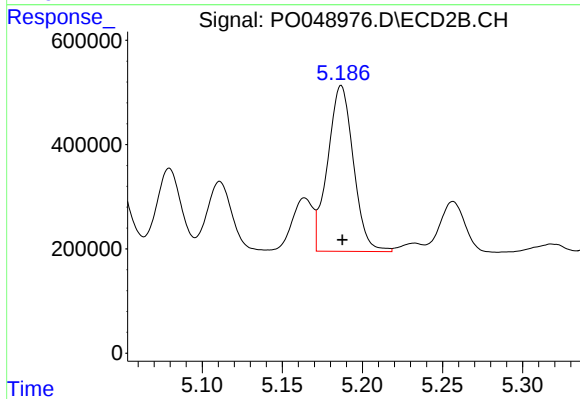
#13 AR-1232-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 3843776
Conc: 2048.39 ng/ml



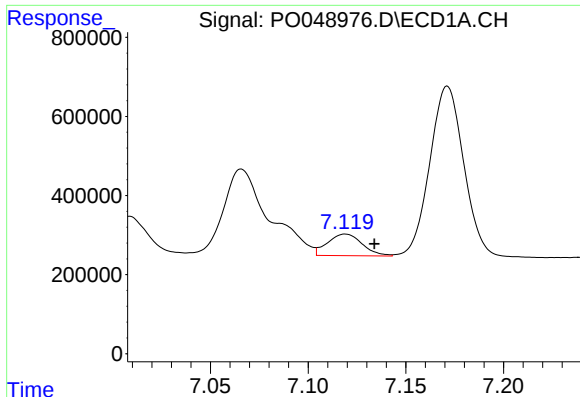
#14 AR-1232-4

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 784637
Conc: 1629.98 ng/ml



#14 AR-1232-4

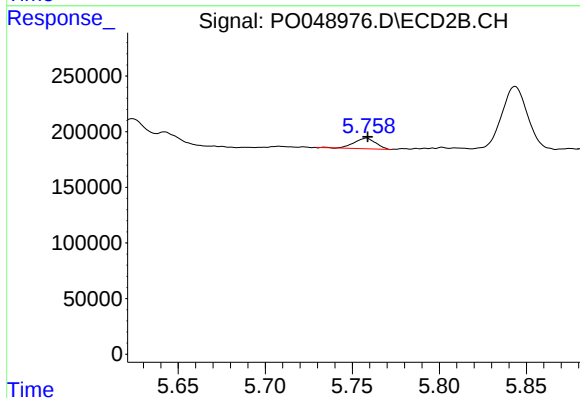
R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 3558822
Conc: 1697.12 ng/ml



#15 AR-1232-5

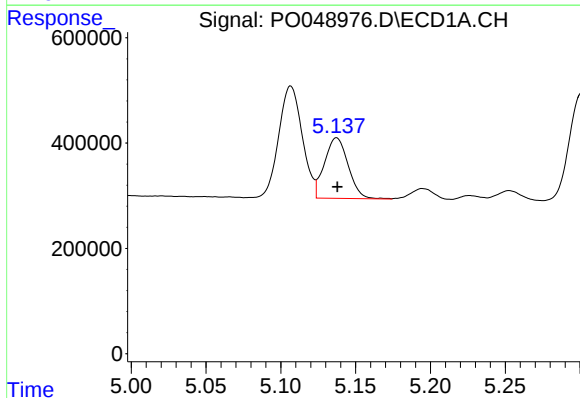
R.T.: 7.119 min
Delta R.T.: -0.015 min
Response: 676822
Conc: 2191.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



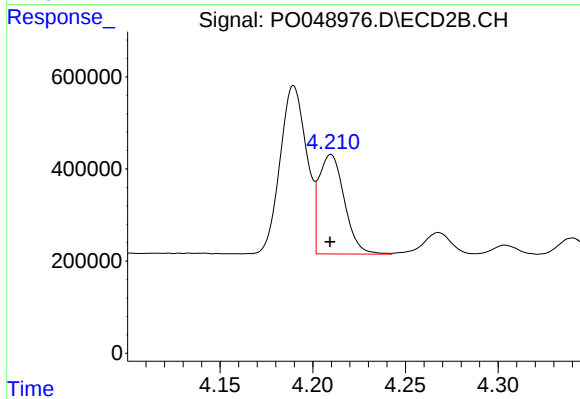
#15 AR-1232-5

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 83194
Conc: 326.69 ng/ml



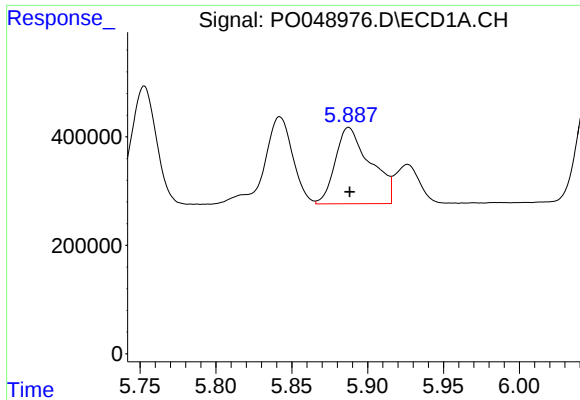
#16 AR-1242-1

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 1272063
Conc: 761.06 ng/ml



#16 AR-1242-1

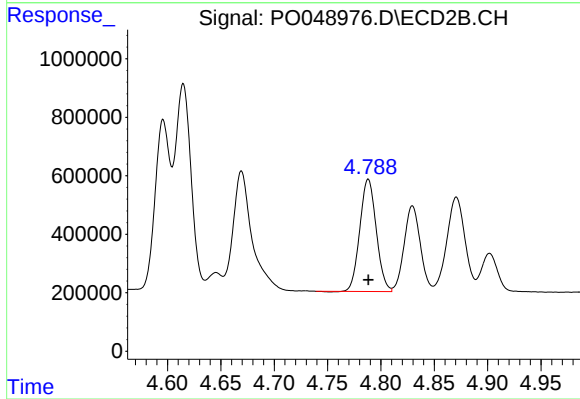
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 2065833
Conc: 1094.27 ng/ml



#17 AR-1242-2

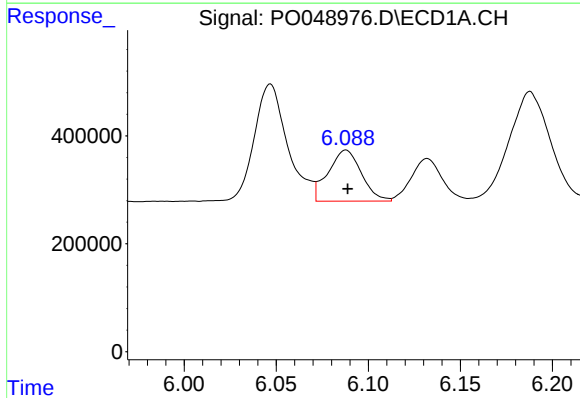
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 2265669
Conc: 696.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



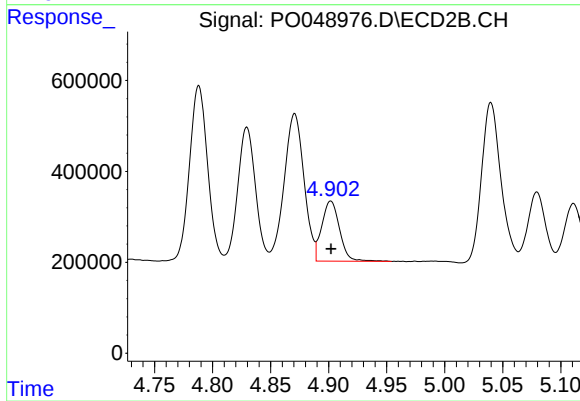
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 4122354
Conc: 991.16 ng/ml



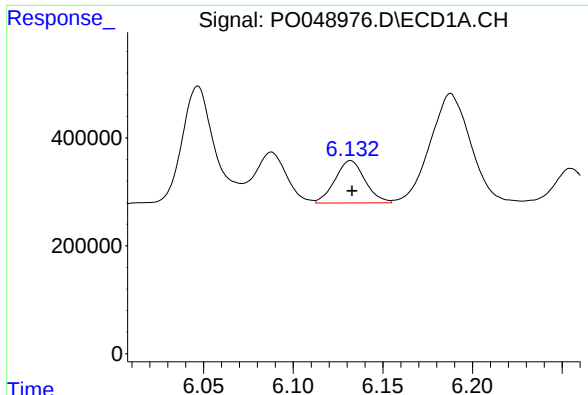
#18 AR-1242-3

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 1191814
Conc: 759.56 ng/ml



#18 AR-1242-3

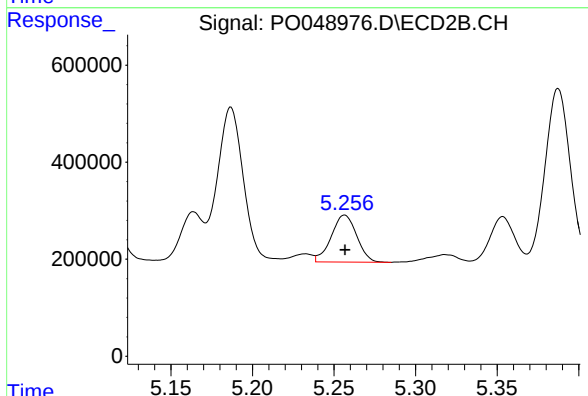
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1412763
Conc: 965.31 ng/ml



#19 AR-1242-4

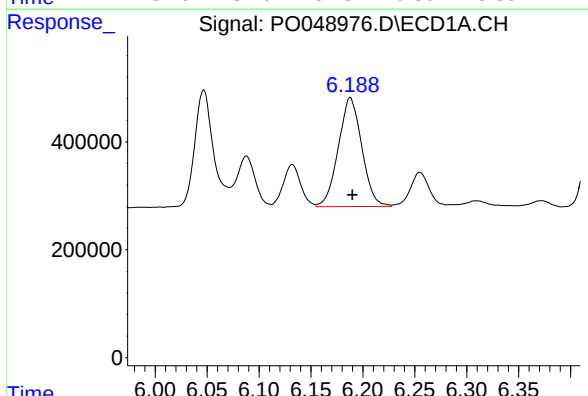
R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 913514
Conc: 759.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



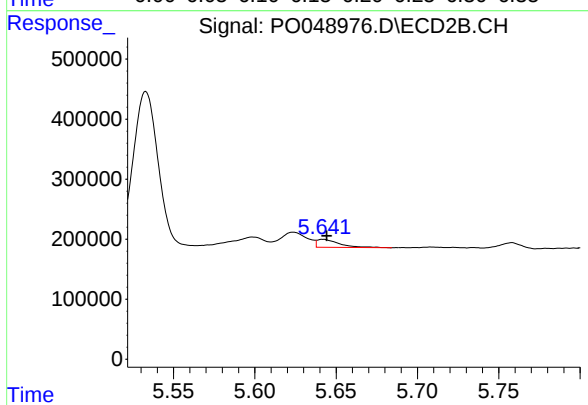
#19 AR-1242-4

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1058101
Conc: 840.39 ng/ml



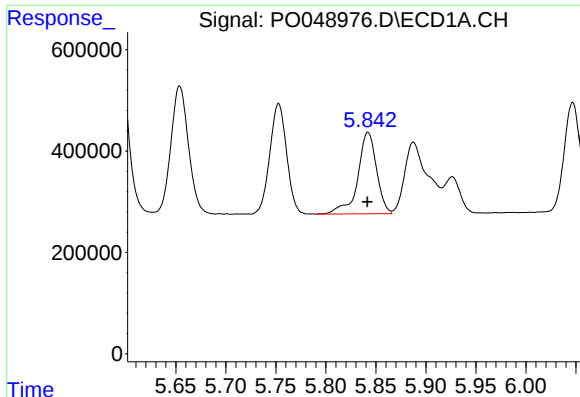
#20 AR-1242-5

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 3178945
Conc: 731.95 ng/ml



#20 AR-1242-5

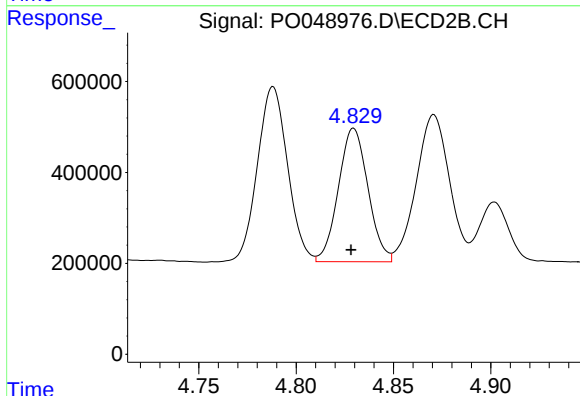
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 128145
Conc: 37.86 ng/ml



#21 AR-1248-1

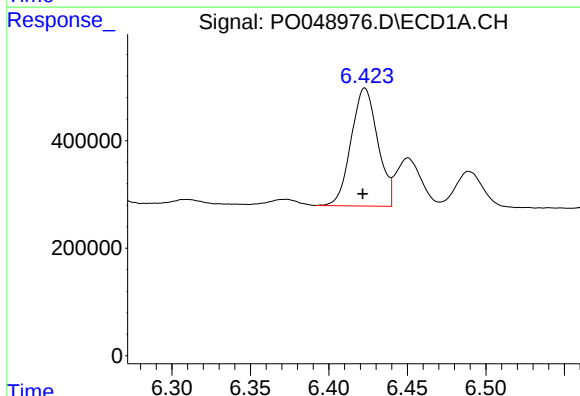
R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 2100071
Conc: 377.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



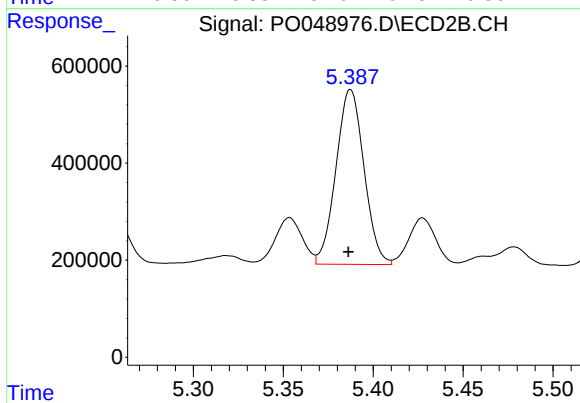
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: 0.001 min
Response: 3106000
Conc: 463.10 ng/ml



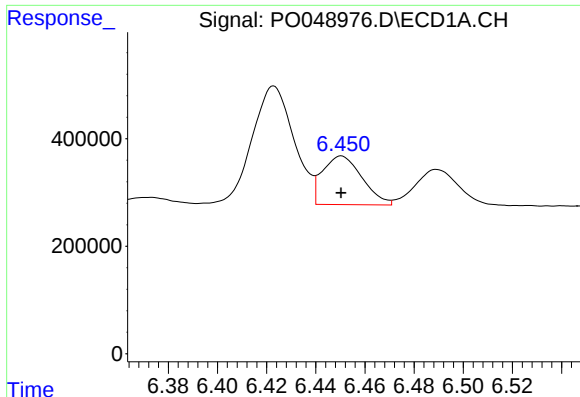
#22 AR-1248-2

R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 2593822
Conc: 426.28 ng/ml



#22 AR-1248-2

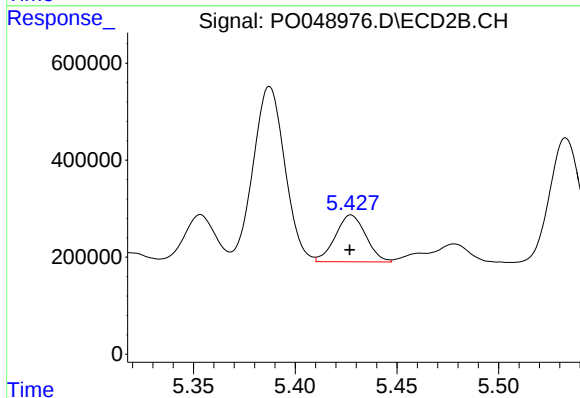
R.T.: 5.387 min
Delta R.T.: 0.001 min
Response: 3907088
Conc: 307.35 ng/ml



#23 AR-1248-3

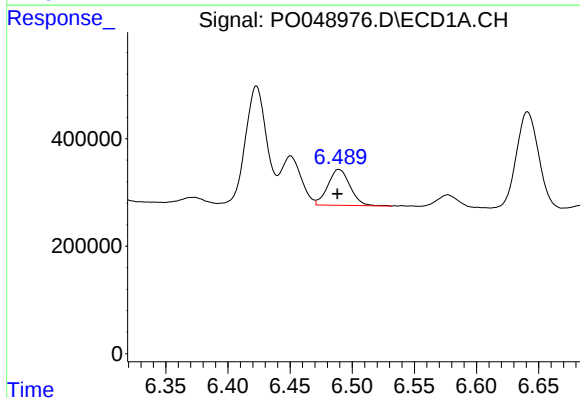
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1012345
Conc: 126.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



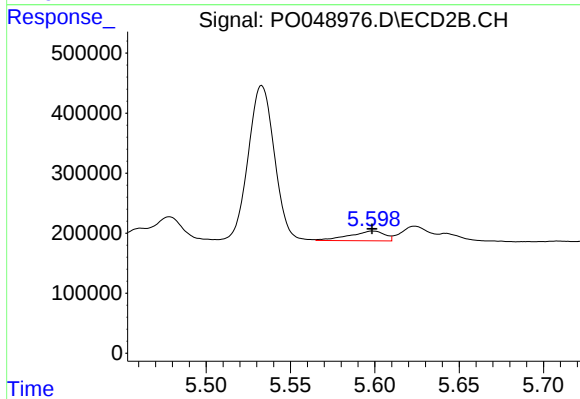
#23 AR-1248-3

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 1004384
Conc: 111.89 ng/ml



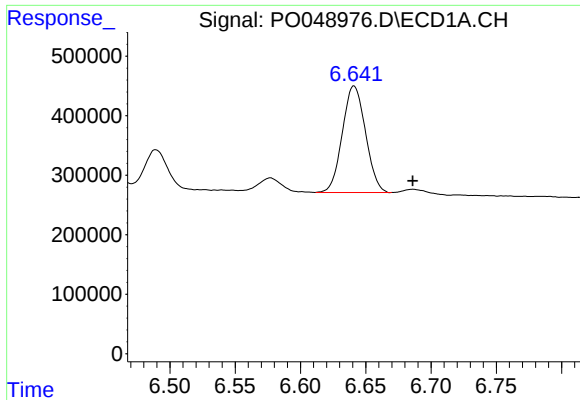
#24 AR-1248-4

R.T.: 6.489 min
Delta R.T.: 0.001 min
Response: 829747
Conc: 108.21 ng/ml



#24 AR-1248-4

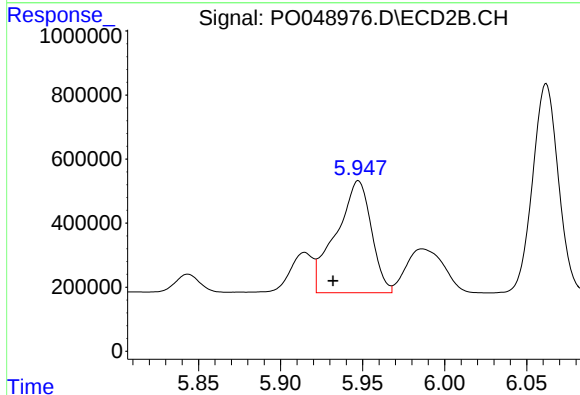
R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 234448
Conc: 28.89 ng/ml



#25 AR-1248-5

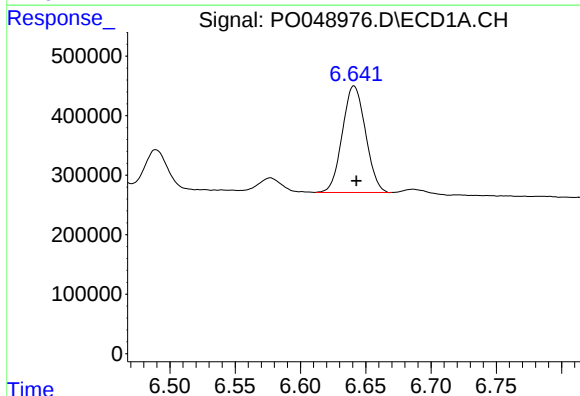
R.T.: 6.641 min
Delta R.T.: -0.045 min
Response: 2214598
Conc: 422.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



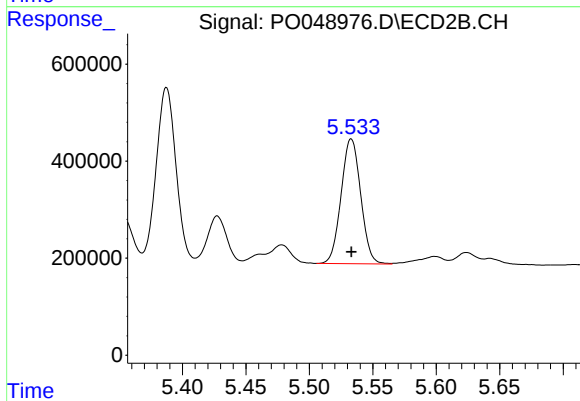
#25 AR-1248-5

R.T.: 5.947 min
Delta R.T.: 0.015 min
Response: 5214663
Conc: 831.46 ng/ml



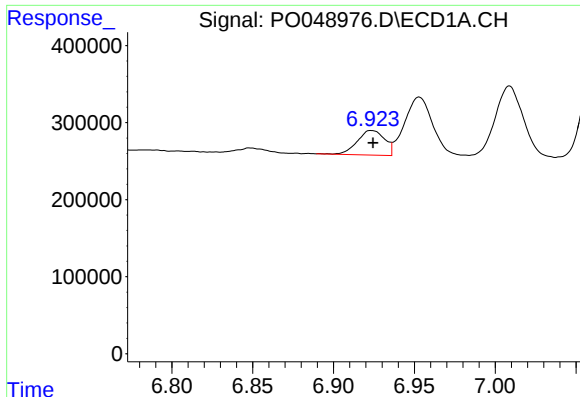
#26 AR-1254-1

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 2214598
Conc: 142.17 ng/ml



#26 AR-1254-1

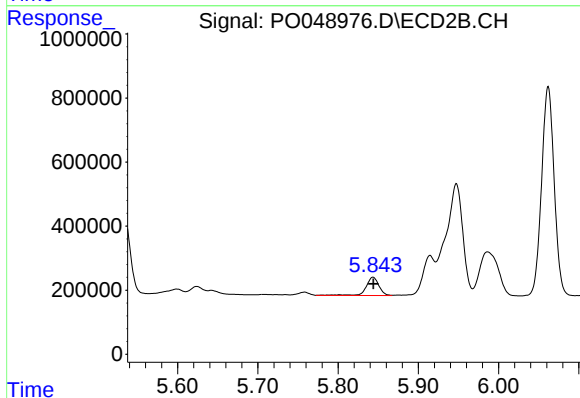
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 2765462
Conc: 208.57 ng/ml



#27 AR-1254-2

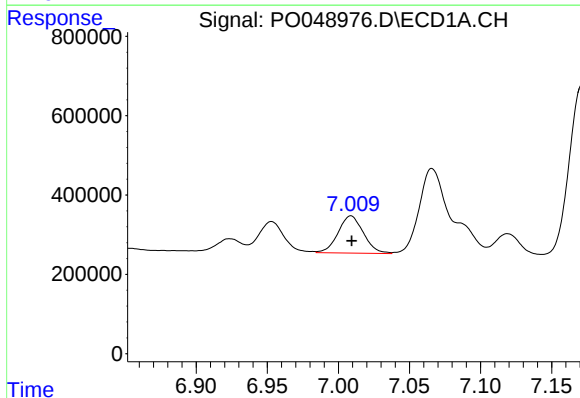
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 374866
Conc: 36.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



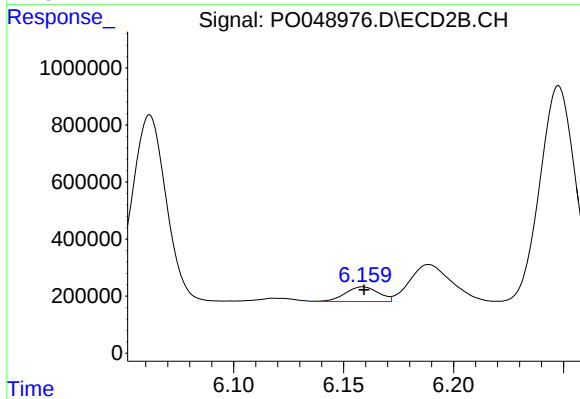
#27 AR-1254-2

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 632902
Conc: 54.23 ng/ml



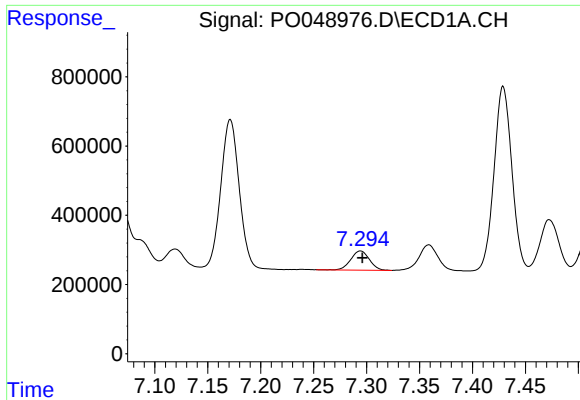
#28 AR-1254-3

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 1167856
Conc: 65.18 ng/ml



#28 AR-1254-3

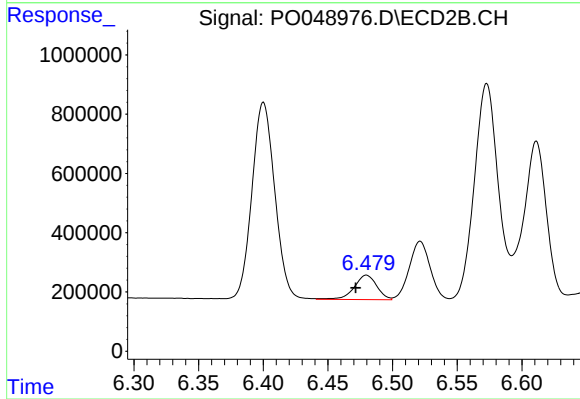
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 539846
Conc: 36.55 ng/ml



#29 AR-1254-4

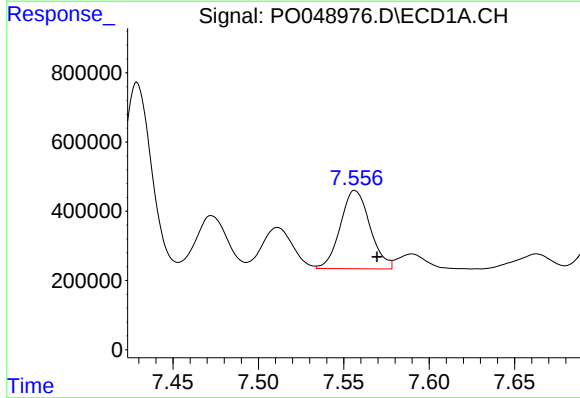
R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 680291
Conc: 49.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



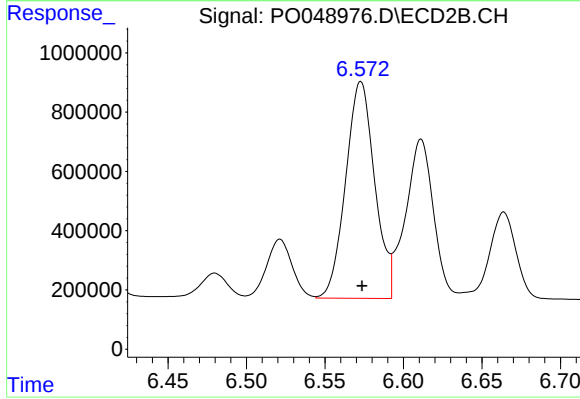
#29 AR-1254-4

R.T.: 6.480 min
Delta R.T.: 0.008 min
Response: 996006
Conc: 89.13 ng/ml



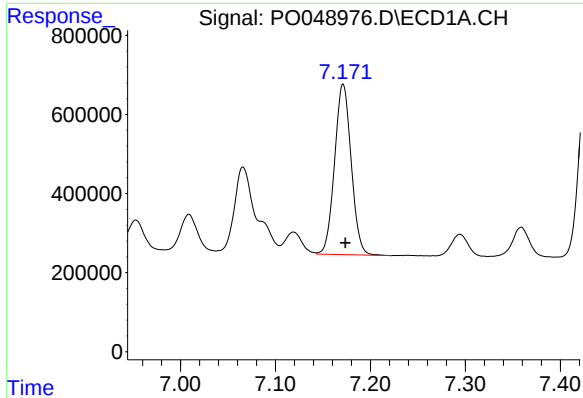
#30 AR-1254-5

R.T.: 7.557 min
Delta R.T.: -0.013 min
Response: 2731201
Conc: 270.55 ng/ml



#30 AR-1254-5

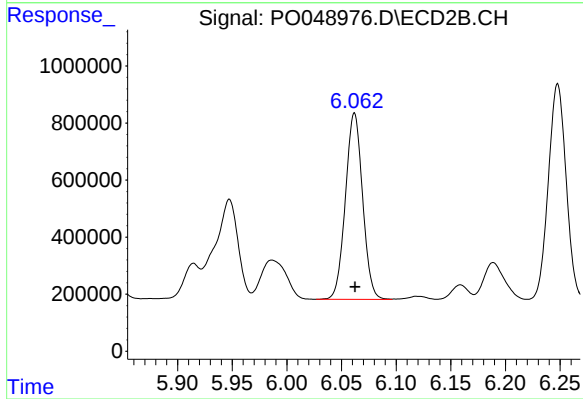
R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 9418603
Conc: 449.94 ng/ml



#31 AR-1260-1

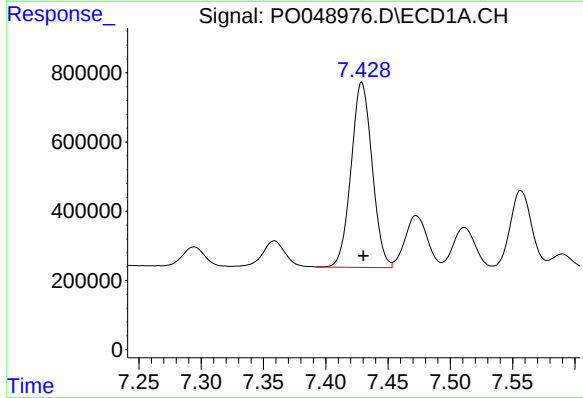
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 5247460
Conc: 419.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



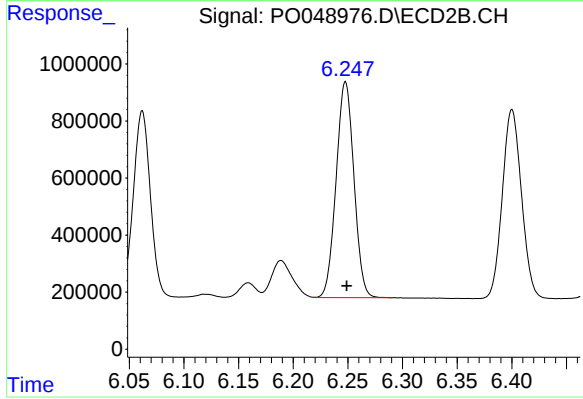
#31 AR-1260-1

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 7153835
Conc: 527.34 ng/ml



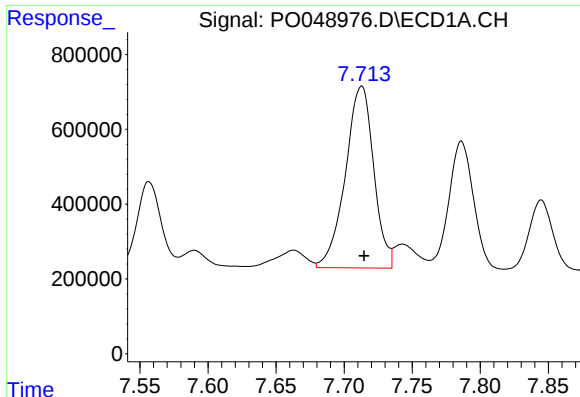
#32 AR-1260-2

R.T.: 7.429 min
Delta R.T.: -0.001 min
Response: 6301560
Conc: 454.18 ng/ml



#32 AR-1260-2

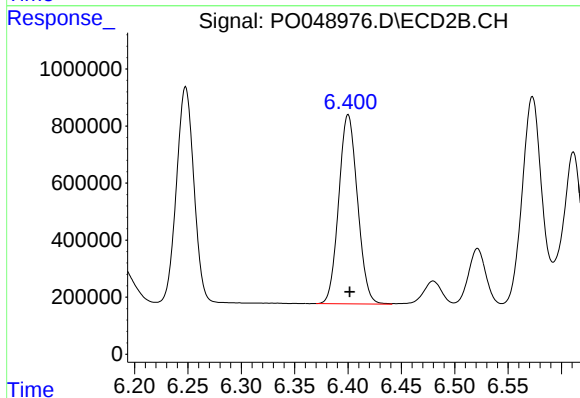
R.T.: 6.248 min
Delta R.T.: -0.001 min
Response: 8588068
Conc: 506.35 ng/ml



#33 AR-1260-3

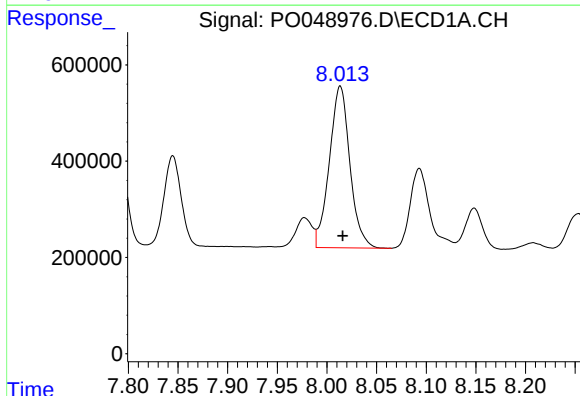
R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 7047067
Conc: 469.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



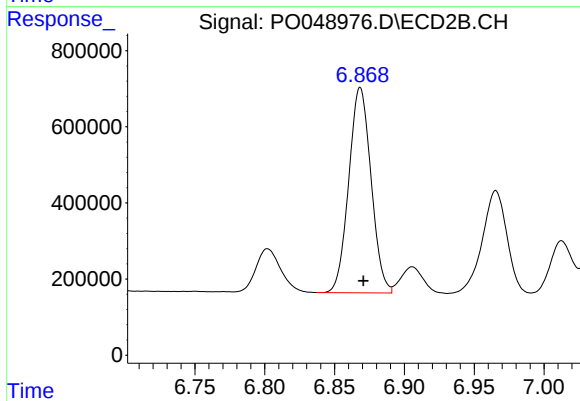
#33 AR-1260-3

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 8116961
Conc: 505.11 ng/ml



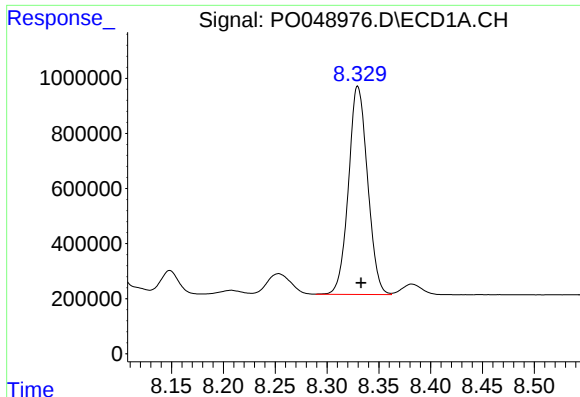
#34 AR-1260-4

R.T.: 8.013 min
Delta R.T.: -0.002 min
Response: 4828738
Conc: 482.57 ng/ml



#34 AR-1260-4

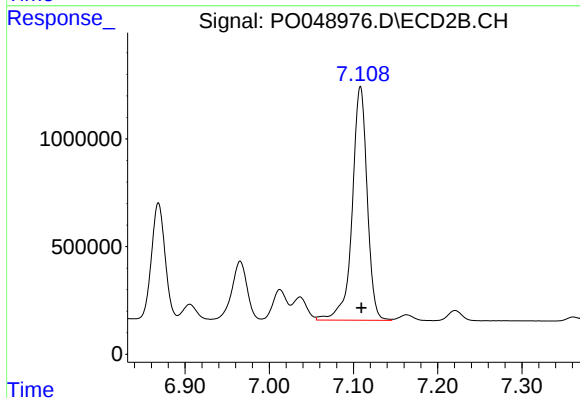
R.T.: 6.868 min
Delta R.T.: -0.002 min
Response: 5998144
Conc: 450.83 ng/ml



#35 AR-1260-5

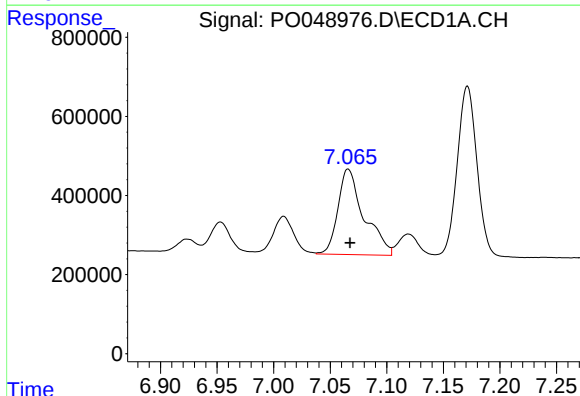
R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 9705976
Conc: 477.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



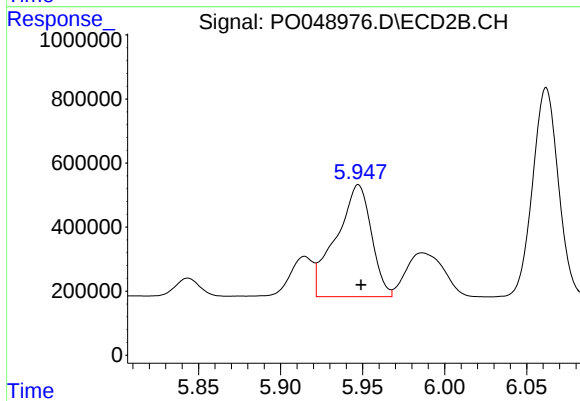
#35 AR-1260-5

R.T.: 7.108 min
Delta R.T.: -0.001 min
Response: 13433806
Conc: 436.98 ng/ml



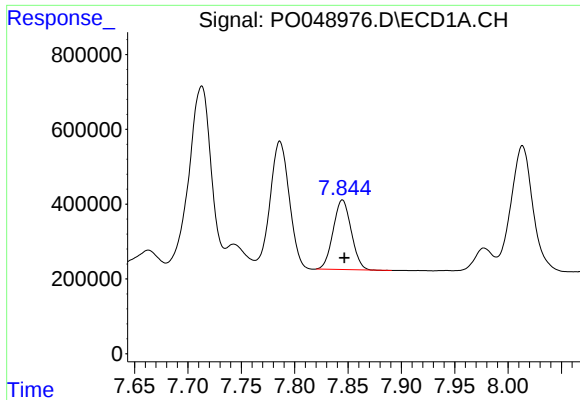
#36 AR-1262-1

R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 3464726
Conc: 526.71 ng/ml



#36 AR-1262-1

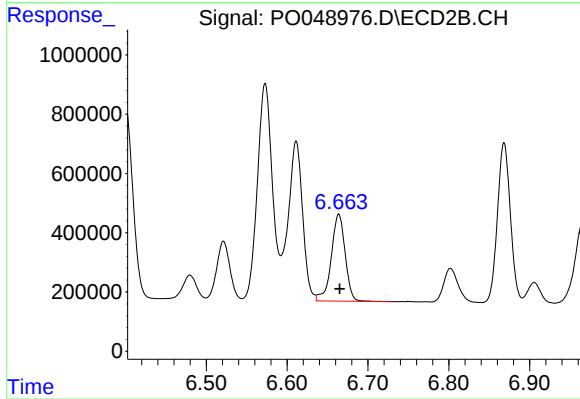
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 5214663
Conc: 696.03 ng/ml



#37 AR-1262-2

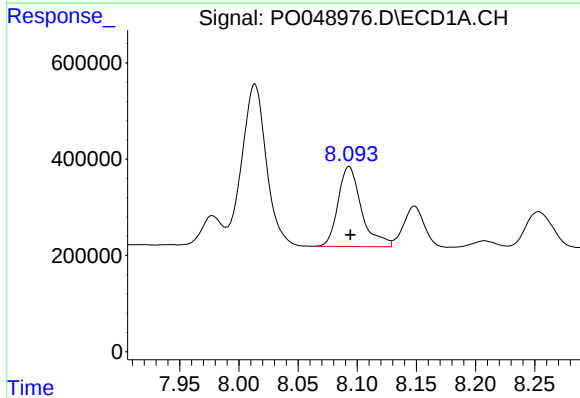
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 2196454
Conc: 427.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



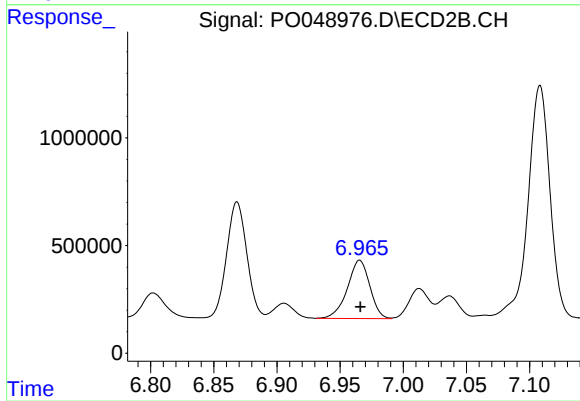
#37 AR-1262-2

R.T.: 6.664 min
Delta R.T.: -0.001 min
Response: 3504662
Conc: 464.88 ng/ml



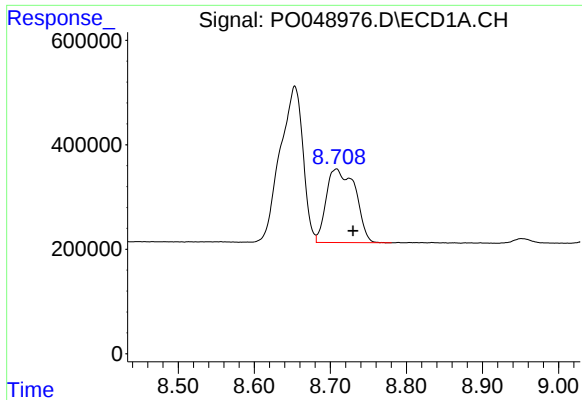
#38 AR-1262-3

R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 2290751
Conc: 450.47 ng/ml



#38 AR-1262-3

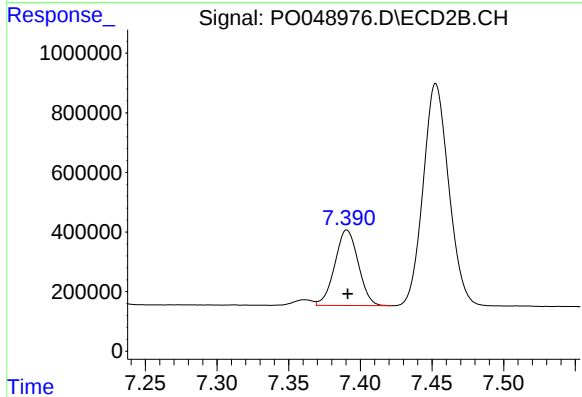
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3343729
Conc: 406.92 ng/ml



#39 AR-1262-4

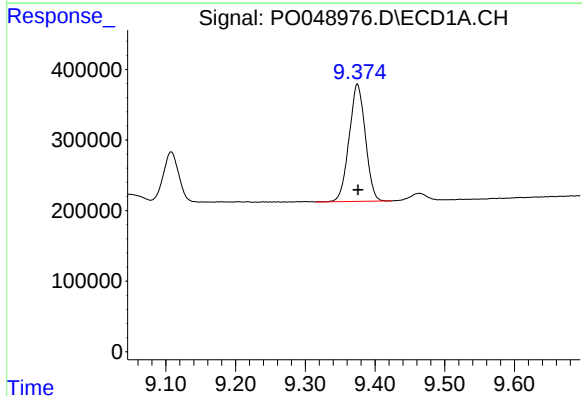
R.T.: 8.708 min
Delta R.T.: -0.021 min
Response: 3737348
Conc: 345.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



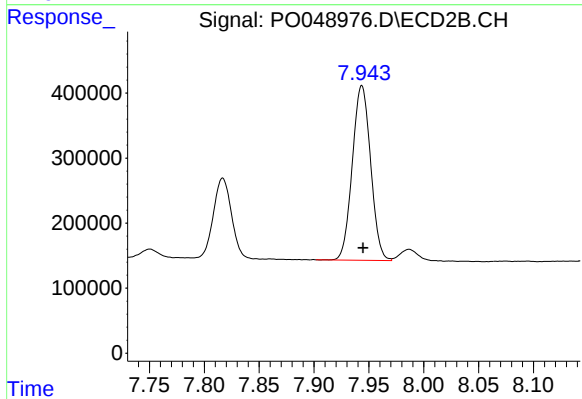
#39 AR-1262-4

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 2892202
Conc: 234.03 ng/ml



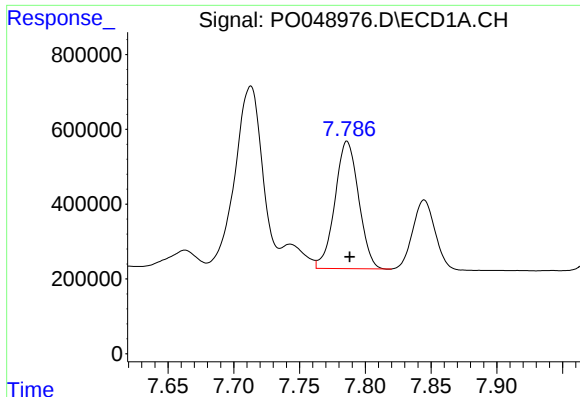
#40 AR-1262-5

R.T.: 9.375 min
Delta R.T.: -0.001 min
Response: 2688160
Conc: 328.85 ng/ml



#40 AR-1262-5

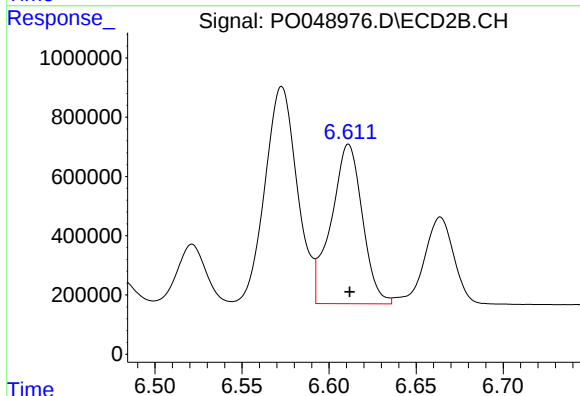
R.T.: 7.944 min
Delta R.T.: -0.001 min
Response: 3122572
Conc: 307.32 ng/ml



#41 AR-1268-1

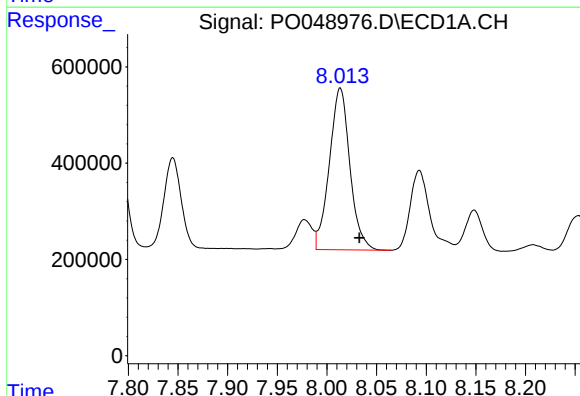
R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 4277833
Conc: 836.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



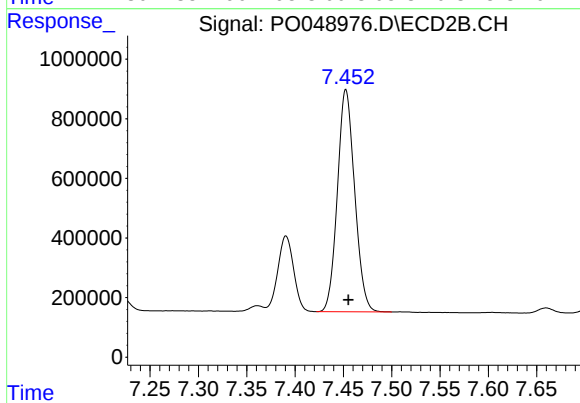
#41 AR-1268-1

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 6700029
Conc: 883.13 ng/ml



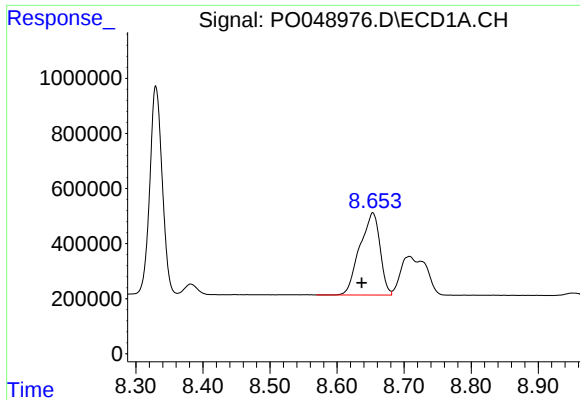
#42 AR-1268-2

R.T.: 8.013 min
Delta R.T.: -0.019 min
Response: 4828738
Conc: 789.22 ng/ml



#42 AR-1268-2

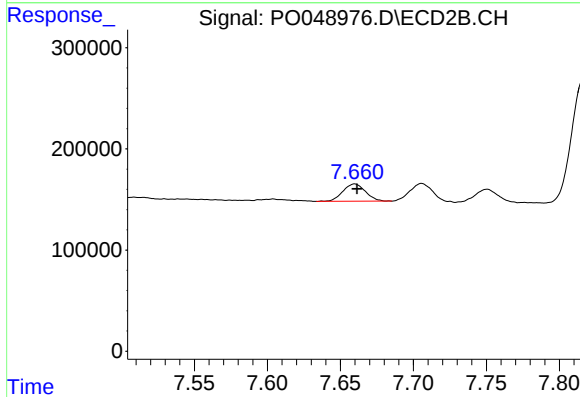
R.T.: 7.453 min
Delta R.T.: -0.003 min
Response: 9274892
Conc: 278.89 ng/ml



#43 AR-1268-3

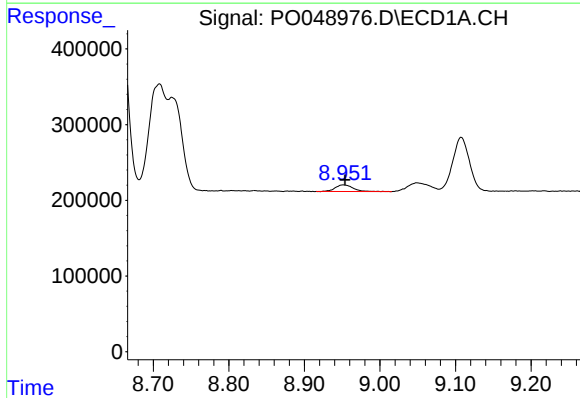
R.T.: 8.653 min
Delta R.T.: 0.016 min
Response: 6247768
Conc: 238.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



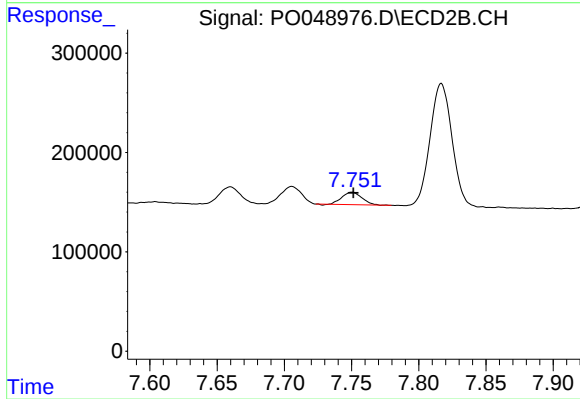
#43 AR-1268-3

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 183931
Conc: 6.74 ng/ml



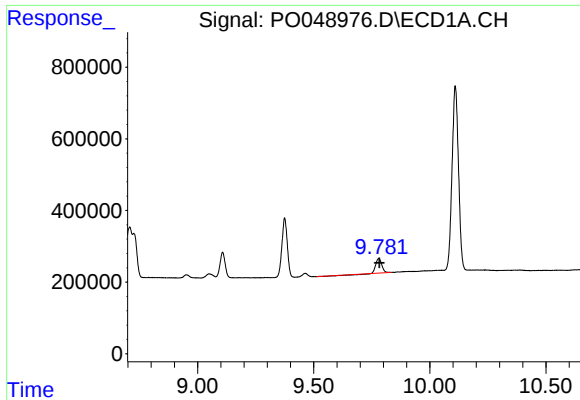
#44 AR-1268-4

R.T.: 8.951 min
Delta R.T.: -0.003 min
Response: 148043
Conc: 6.86 ng/ml



#44 AR-1268-4

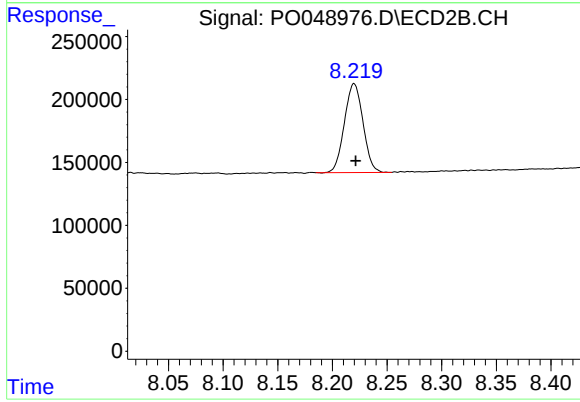
R.T.: 7.750 min
Delta R.T.: -0.001 min
Response: 128200
Conc: 16.55 ng/ml



#45 AR-1268-5

R.T.: 9.781 min
Delta R.T.: -0.003 min
Response: 685961
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 837841
Conc: 11.81 ng/ml