

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062121\
 Data File : P0078969.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2021 8:53
 Operator : DD\AJ
 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: Jun 22 02:05:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jun 20 03:02:02 2021
 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...	4.333	3.605	4380733	1540298	55.507	51.825
2)	SA Decachlor...	9.942	8.787	2924193	1416421	46.821	47.533
Target Compounds							
3)	L1 AR-1016-1	5.630	4.832	1394266	544809	521.250	507.280
4)	L1 AR-1016-2	5.651	4.850	2133132	811413	521.854	506.433
5)	L1 AR-1016-3	5.716	5.038	1301454	430994	518.097	518.931
6)	L1 AR-1016-4	5.820	5.091	1036330	379656	530.314	513.694
7)	L1 AR-1016-5	6.131	5.314	1054603	448414	531.026	496.621
8)	L2 AR-1221-1	4.580	3.856	139292	57469	167.550	171.725
9)	L2 AR-1221-2	4.679	3.954	204671	84304	336.007	333.105
10)	L2 AR-1221-3	4.764	4.039	816346	298930	419.125	376.525
11)	L3 AR-1232-1	4.764	4.039	816346	298930	512.052	479.448
12)	L3 AR-1232-2	5.338	4.850	1081160	811413	1346.002	1322.470
13)	L3 AR-1232-3	5.651	5.038	2133132	430994	1395.389	1450.738
14)	L3 AR-1232-4	5.820	5.133	1036330	441423	1401.484	1581.442
15)	L3 AR-1232-5	5.920	5.314	865228	448414	1675.037	1458.928
16)	L4 AR-1242-1	5.630	4.832	1394266	544809	702.809	685.655
17)	L4 AR-1242-2	5.651	4.850	2133132	811413	717.190	698.404
18)	L4 AR-1242-3	5.716	5.038	1301454	430994	703.242	704.041
19)	L4 AR-1242-4	5.820	5.133	1036330	441423	717.818	721.175
20)	L4 AR-1242-5	6.592	5.687	144030	337953	93.225	432.178 #
21)	L5 AR-1248-1	5.630	4.832	1394266	544809	882.723	855.710
22)	L5 AR-1248-2	5.920	5.091	865228	379656	391.105	384.587
23)	L5 AR-1248-3	6.131	5.133	1054603	441423	406.696	444.634
24)	L5 AR-1248-4	6.554	5.314	182683	448414	65.912	381.889 #
25)	L5 AR-1248-5	6.592	5.730	144030	55948	52.718	51.959
26)	L6 AR-1254-1	6.523	5.687	655217	337953	243.255	203.416
27)	L6 AR-1254-2	6.750	5.845	746580	307811	177.994	208.867
28)	L6 AR-1254-3	7.126	6.276f	445396	626221	100.008	281.547 #
29)	L6 AR-1254-4	7.418	6.496	318915	84739	103.646	62.322 #
30)	L6 AR-1254-5	7.841	6.917	2274735	1033886	696.845	519.238 #
31)	L7 AR-1260-1	7.290	6.392	1687649	811319	506.526	501.232
32)	L7 AR-1260-2	7.555	6.589	1994161	976729	513.077	504.055
33)	L7 AR-1260-3	7.916	6.740	1539865	895511	508.686	486.367
34)	L7 AR-1260-4	8.142	7.216	1707570	762803	521.466	500.700
35)	L7 AR-1260-5	8.455	7.464	3175778	1745461	495.917	492.919
36)	L8 AR-1262-1	7.916	6.917	1539865	1033886	374.801	991.793 #
37)	L8 AR-1262-2	8.455	7.464	3175778	1745461	476.940	494.624
38)	L8 AR-1262-3	8.744f	7.745	2073190	430291	453.852	300.185 #
39)	L8 AR-1262-4	8.789	7.808	1310988	1322247	352.197	491.615 #
40)	L8 AR-1262-5	9.351	8.303	998572	489301	412.142	404.006
41)	L9 AR-1268-1	8.744f	7.745	2073190	430291	255.976	97.973 #

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

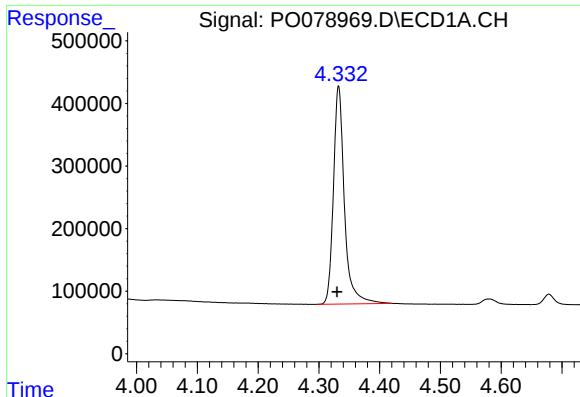
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:05:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061921.M
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.789	7.808	1310988	1322247	175.334	334.878 #
43) L9	AR-1268-3	8.989	8.010	56524	24601	8.842	7.227
44) L9	AR-1268-4	9.351	8.303	998572	489301	387.962	342.359
45) L9	AR-1268-5	9.680	8.572	259523	133338	12.953	12.935

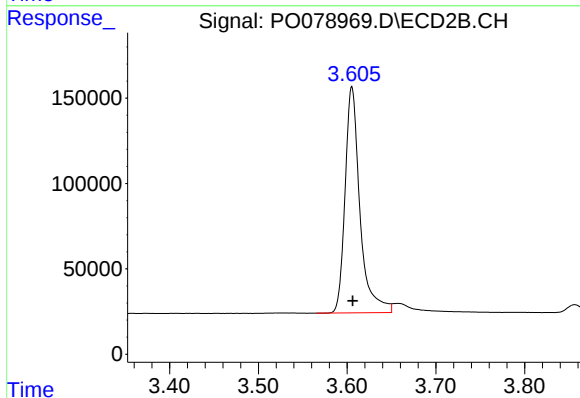
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

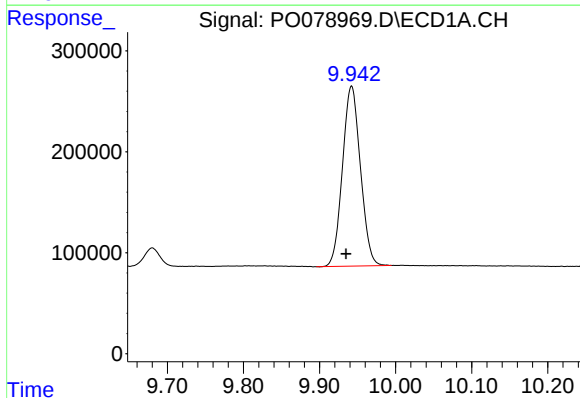
R.T.: 4.333 min
Delta R.T.: 0.003 min
Response: 4380733
Conc: 55.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



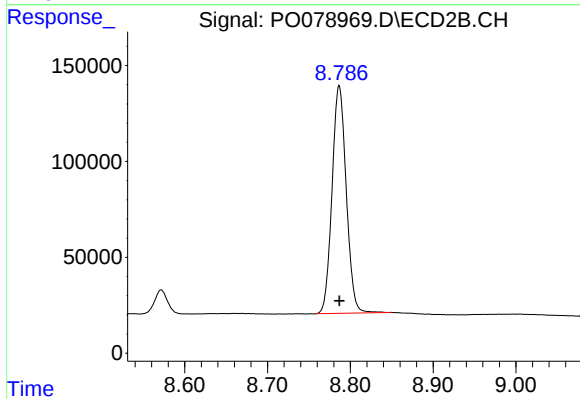
#1 Tetrachloro-m-xylene

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 1540298
Conc: 51.83 ng/ml



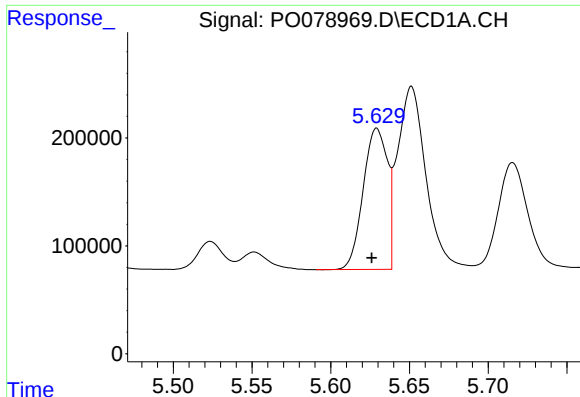
#2 Decachlorobiphenyl

R.T.: 9.942 min
Delta R.T.: 0.007 min
Response: 2924193
Conc: 46.82 ng/ml



#2 Decachlorobiphenyl

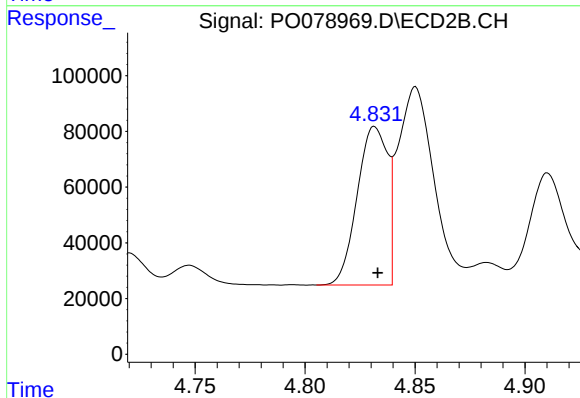
R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 1416421
Conc: 47.53 ng/ml



#3 AR-1016-1

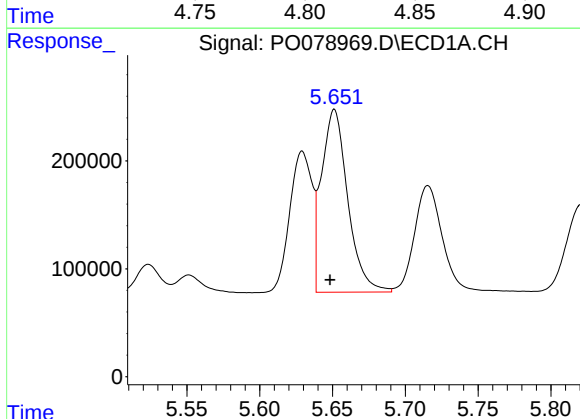
R.T.: 5.630 min
Delta R.T.: 0.003 min
Response: 1394266
Conc: 521.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



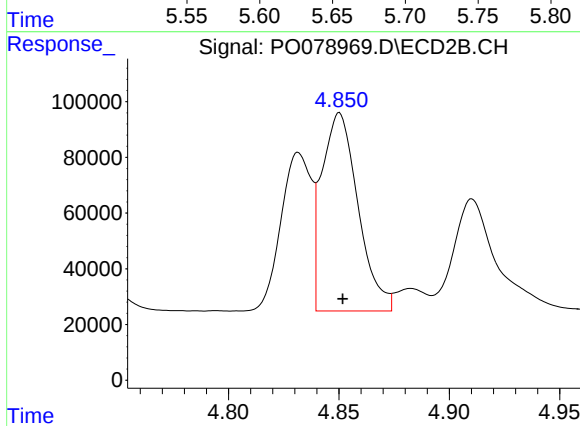
#3 AR-1016-1

R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 544809
Conc: 507.28 ng/ml



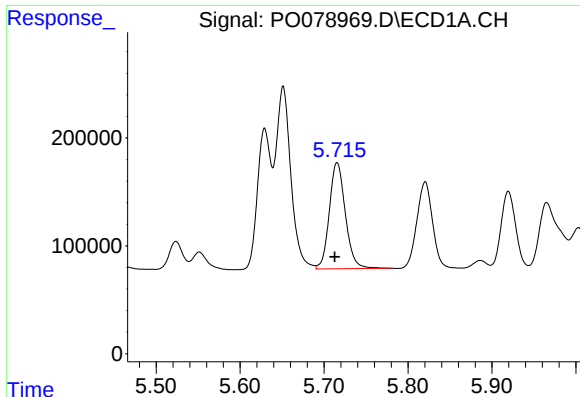
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: 0.003 min
Response: 2133132
Conc: 521.85 ng/ml



#4 AR-1016-2

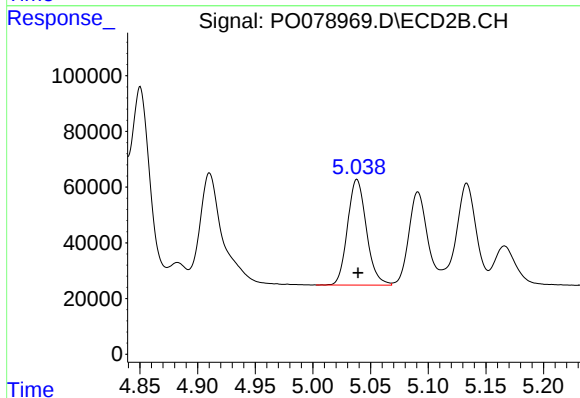
R.T.: 4.850 min
Delta R.T.: -0.001 min
Response: 811413
Conc: 506.43 ng/ml



#5 AR-1016-3

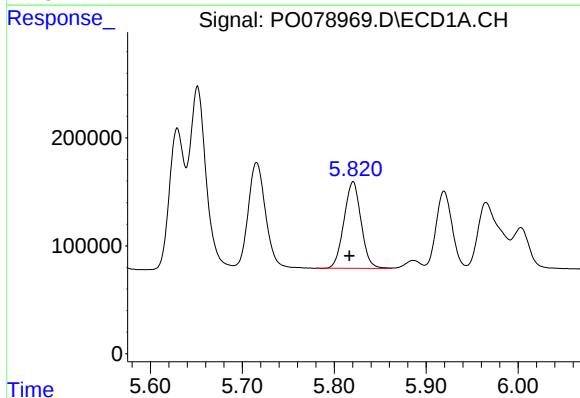
R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 1301454
Conc: 518.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



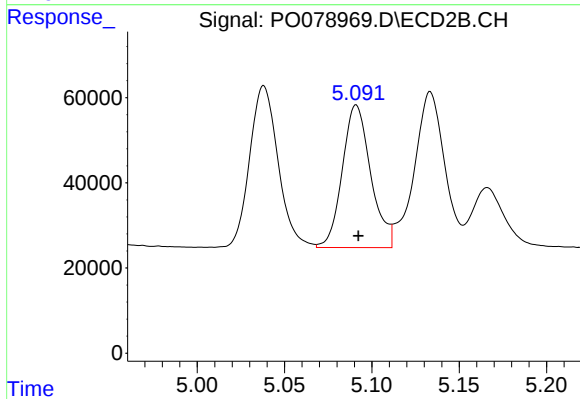
#5 AR-1016-3

R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 430994
Conc: 518.93 ng/ml



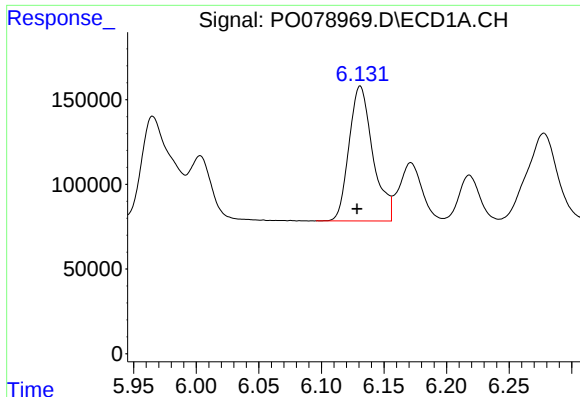
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.004 min
Response: 1036330
Conc: 530.31 ng/ml



#6 AR-1016-4

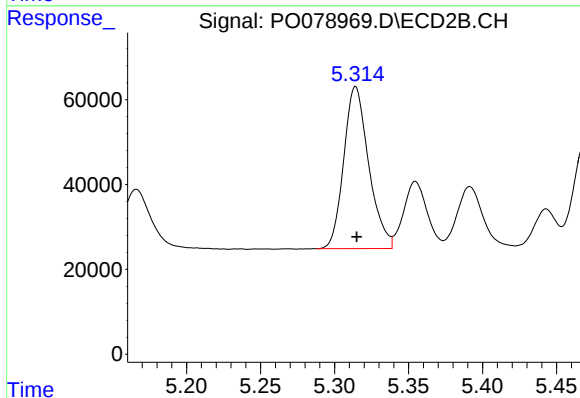
R.T.: 5.091 min
Delta R.T.: -0.001 min
Response: 379656
Conc: 513.69 ng/ml



#7 AR-1016-5

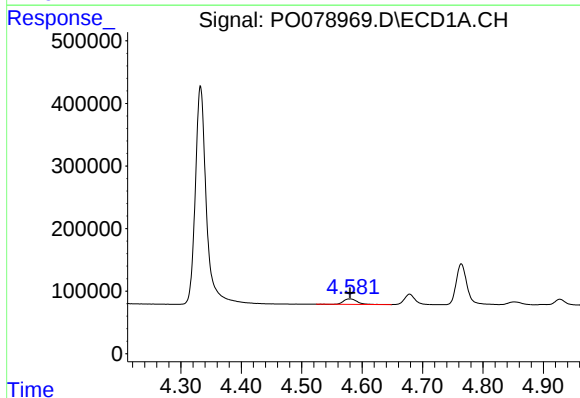
R.T.: 6.131 min
Delta R.T.: 0.003 min
Response: 1054603
Conc: 531.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



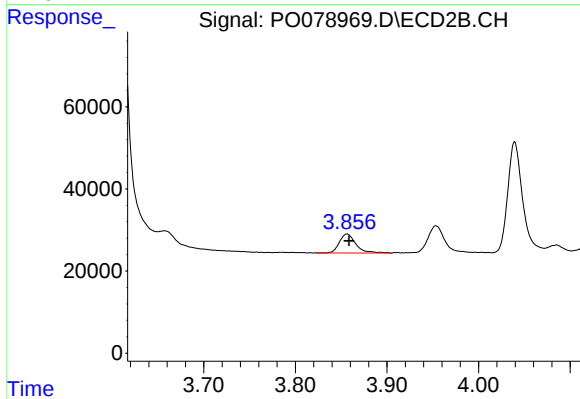
#7 AR-1016-5

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 448414
Conc: 496.62 ng/ml



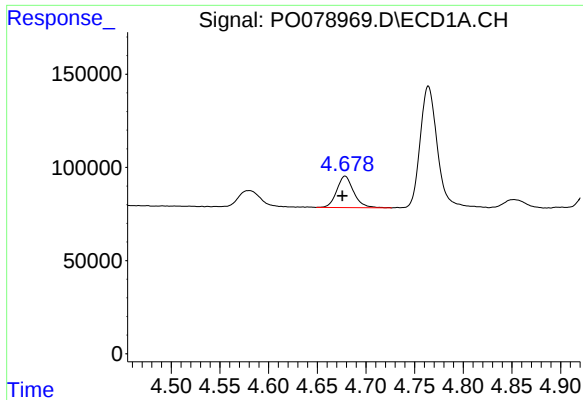
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 139292
Conc: 167.55 ng/ml



#8 AR-1221-1

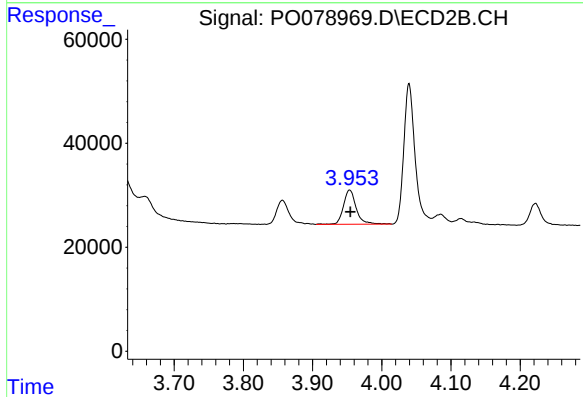
R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 57469
Conc: 171.72 ng/ml



#9 AR-1221-2

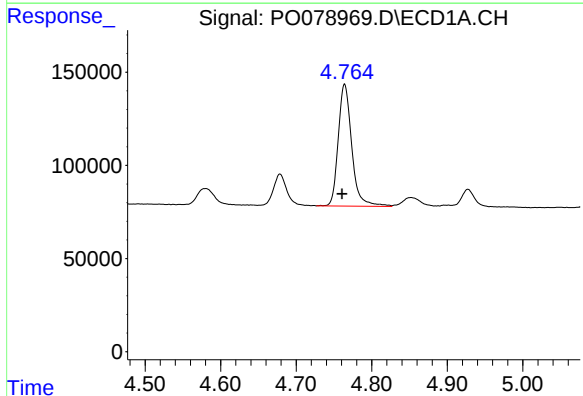
R.T.: 4.679 min
Delta R.T.: 0.003 min
Response: 204671
Conc: 336.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



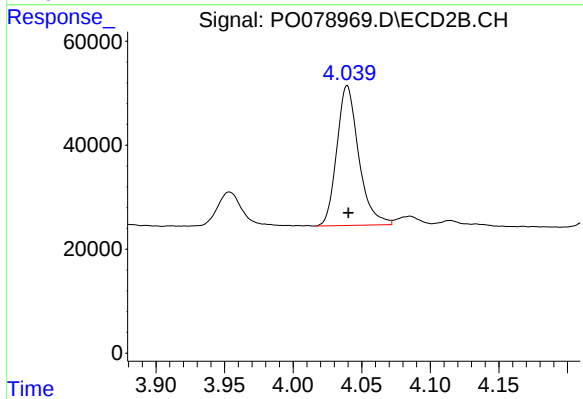
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 84304
Conc: 333.10 ng/ml



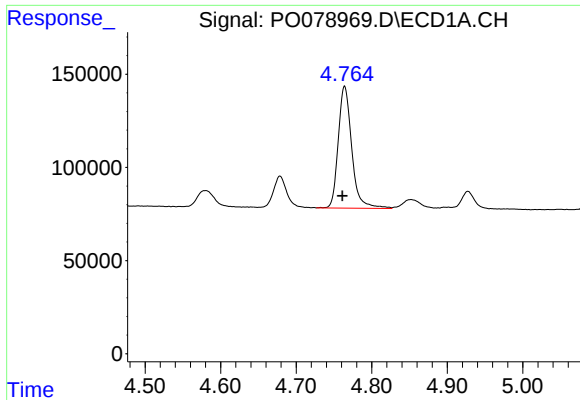
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 816346
Conc: 419.13 ng/ml



#10 AR-1221-3

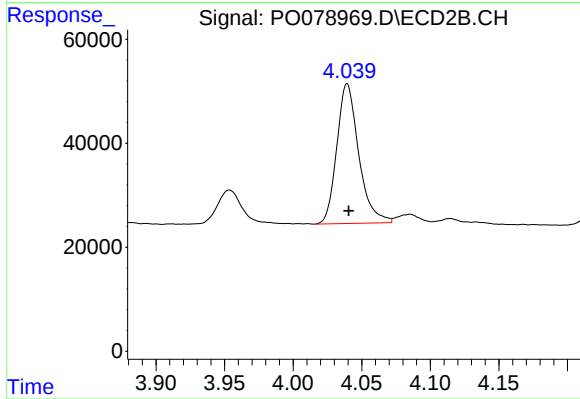
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 298930
Conc: 376.52 ng/ml



#11 AR-1232-1

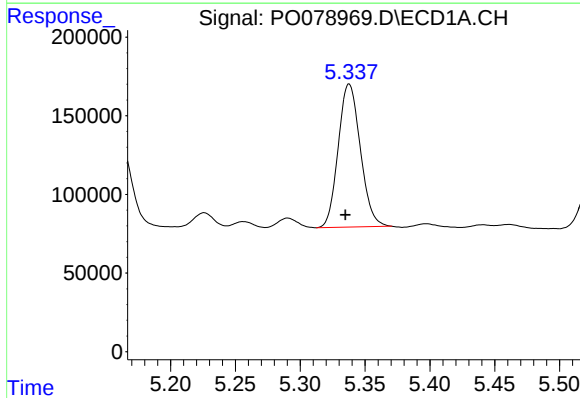
R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 816346
Conc: 512.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



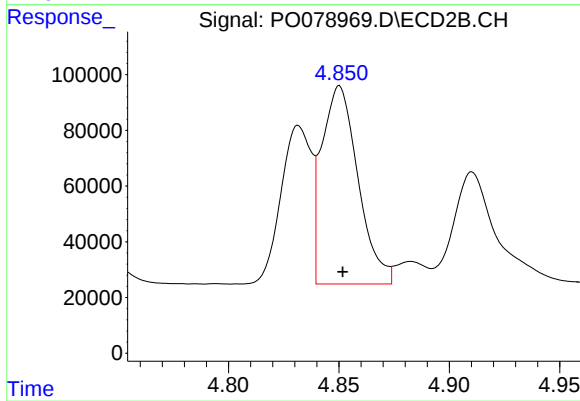
#11 AR-1232-1

R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 298930
Conc: 479.45 ng/ml



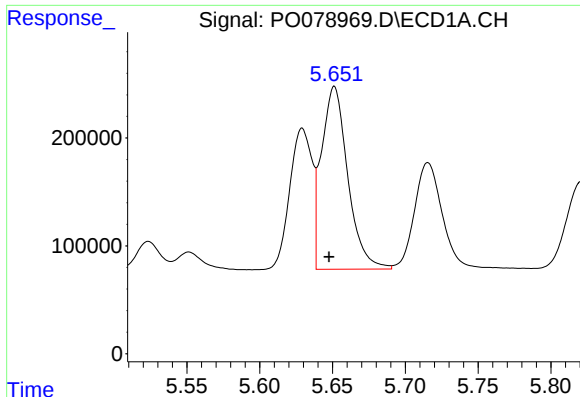
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.003 min
Response: 1081160
Conc: 1346.00 ng/ml



#12 AR-1232-2

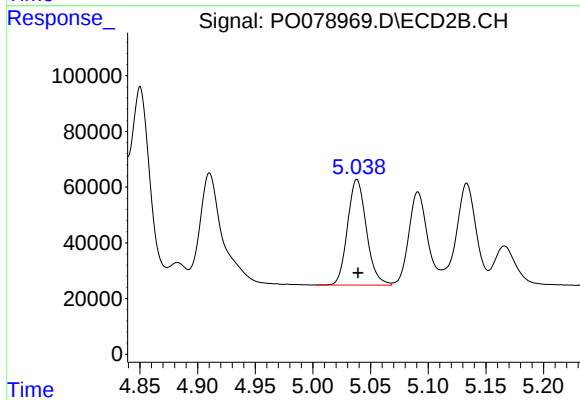
R.T.: 4.850 min
Delta R.T.: -0.001 min
Response: 811413
Conc: 1322.47 ng/ml



#13 AR-1232-3

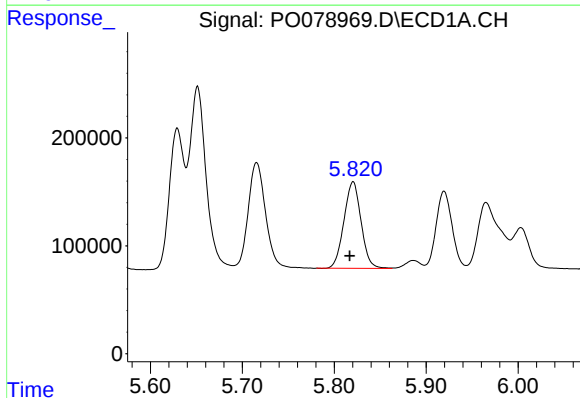
R.T.: 5.651 min
Delta R.T.: 0.004 min
Response: 2133132
Conc: 1395.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



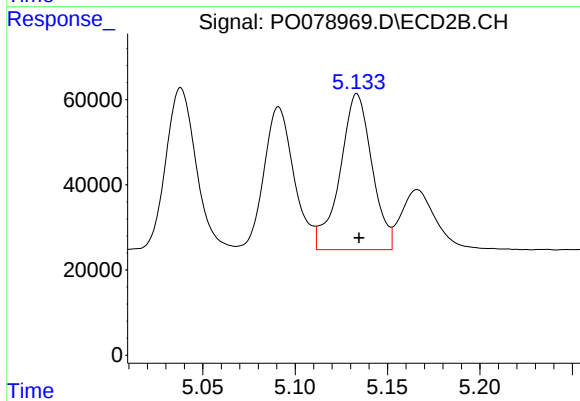
#13 AR-1232-3

R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 430994
Conc: 1450.74 ng/ml



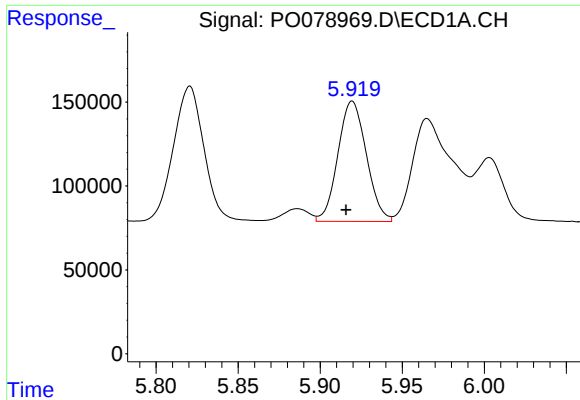
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 1036330
Conc: 1401.48 ng/ml



#14 AR-1232-4

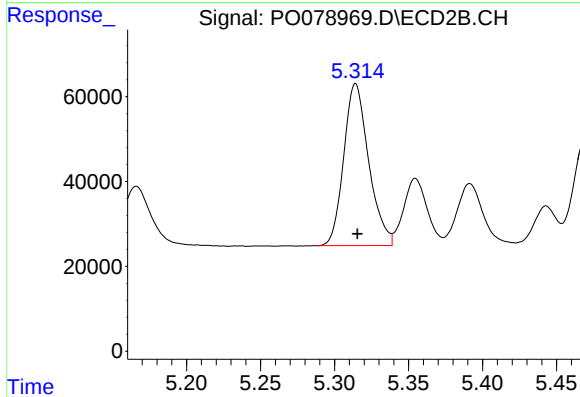
R.T.: 5.133 min
Delta R.T.: -0.001 min
Response: 441423
Conc: 1581.44 ng/ml



#15 AR-1232-5

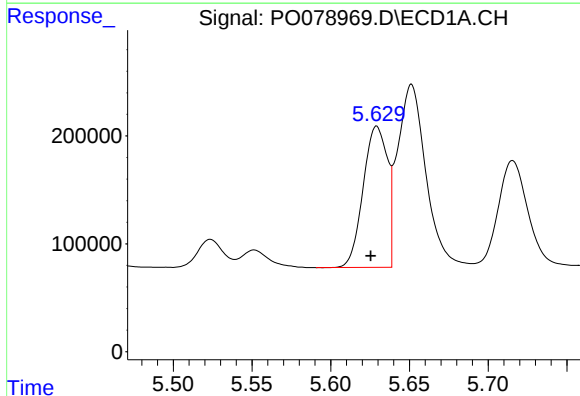
R.T.: 5.920 min
Delta R.T.: 0.004 min
Response: 865228
Conc: 1675.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



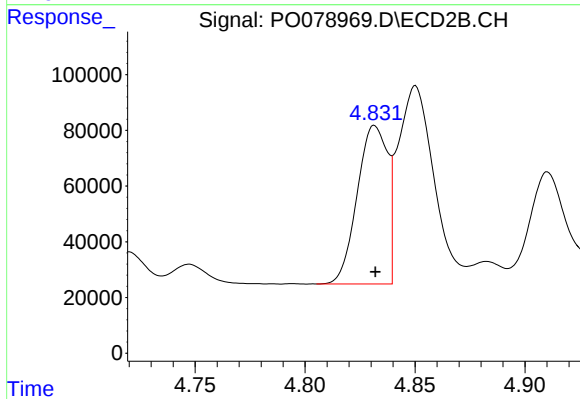
#15 AR-1232-5

R.T.: 5.314 min
Delta R.T.: -0.001 min
Response: 448414
Conc: 1458.93 ng/ml



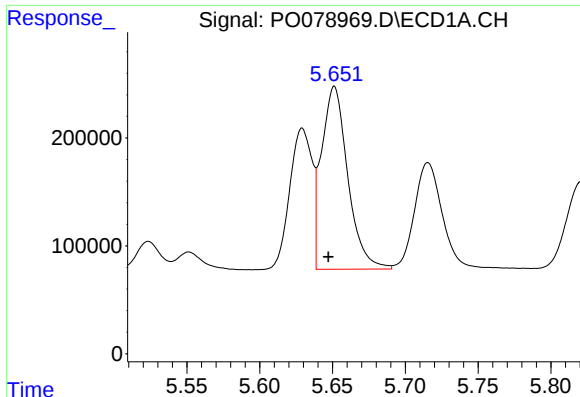
#16 AR-1242-1

R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 1394266
Conc: 702.81 ng/ml



#16 AR-1242-1

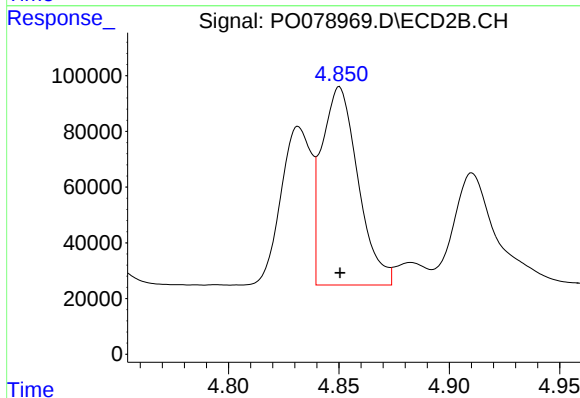
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 544809
Conc: 685.65 ng/ml



#17 AR-1242-2

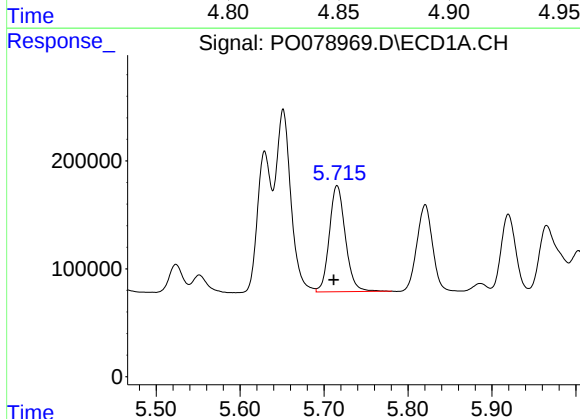
R.T.: 5.651 min
Delta R.T.: 0.004 min
Response: 2133132
Conc: 717.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



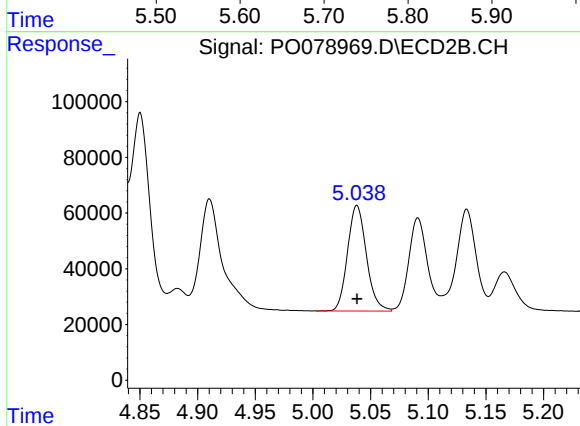
#17 AR-1242-2

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 811413
Conc: 698.40 ng/ml



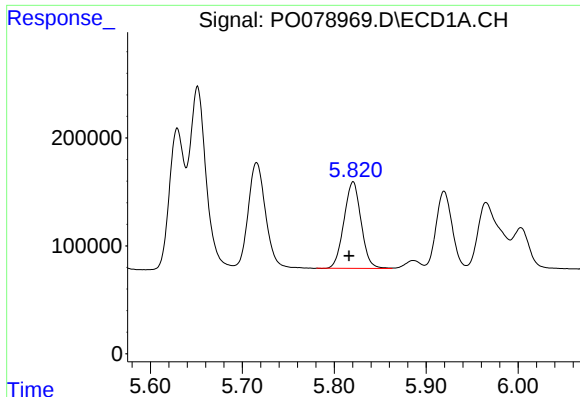
#18 AR-1242-3

R.T.: 5.716 min
Delta R.T.: 0.004 min
Response: 1301454
Conc: 703.24 ng/ml



#18 AR-1242-3

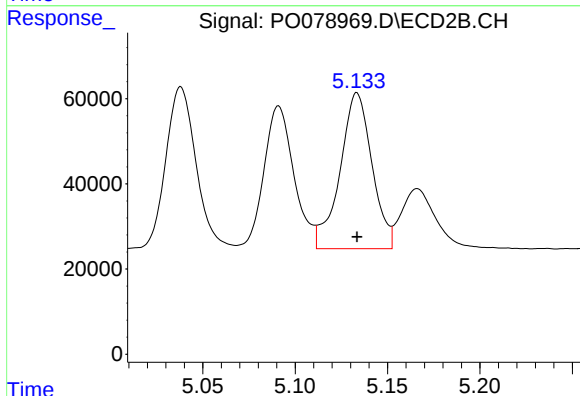
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 430994
Conc: 704.04 ng/ml



#19 AR-1242-4

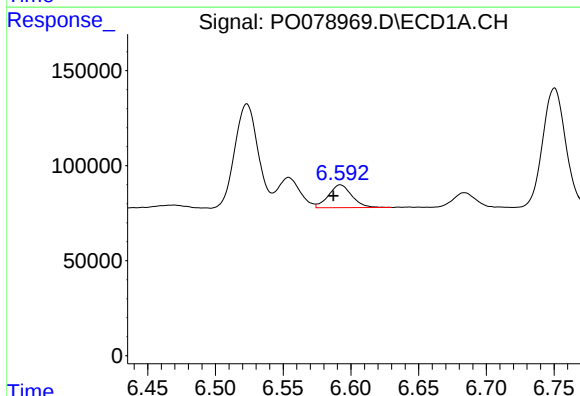
R.T.: 5.820 min
Delta R.T.: 0.004 min
Response: 1036330
Conc: 717.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



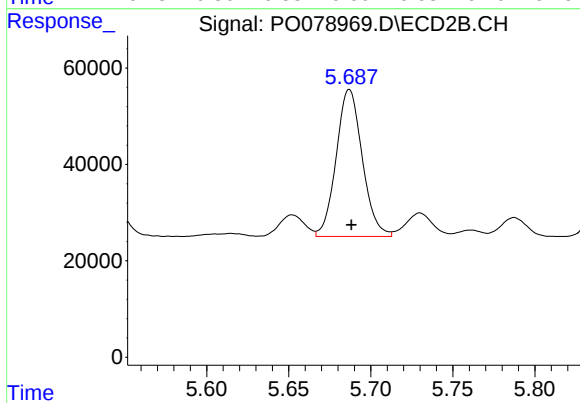
#19 AR-1242-4

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 441423
Conc: 721.17 ng/ml



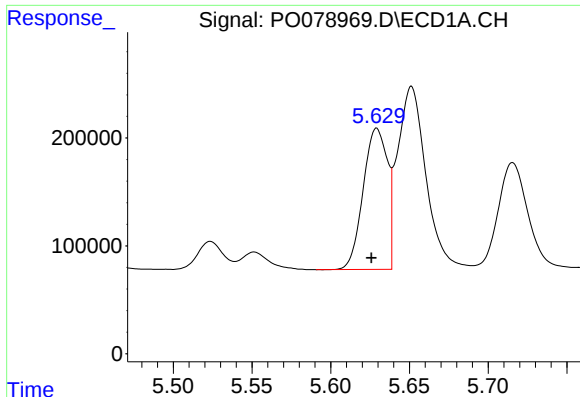
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: 0.005 min
Response: 144030
Conc: 93.22 ng/ml



#20 AR-1242-5

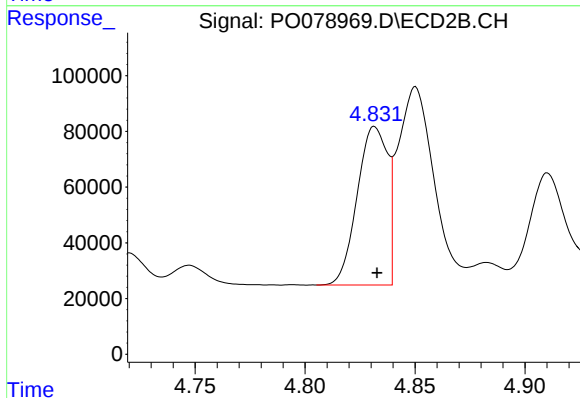
R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 337953
Conc: 432.18 ng/ml



#21 AR-1248-1

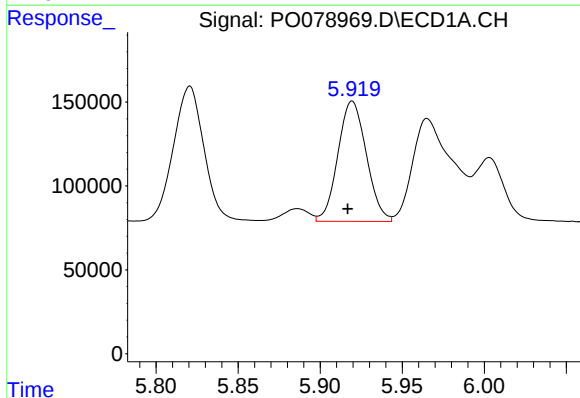
R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 1394266
Conc: 882.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



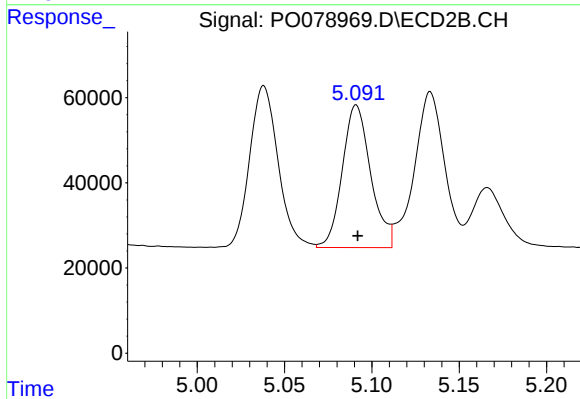
#21 AR-1248-1

R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 544809
Conc: 855.71 ng/ml



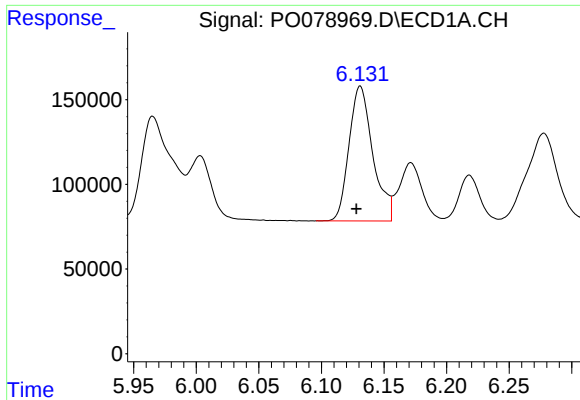
#22 AR-1248-2

R.T.: 5.920 min
Delta R.T.: 0.003 min
Response: 865228
Conc: 391.11 ng/ml



#22 AR-1248-2

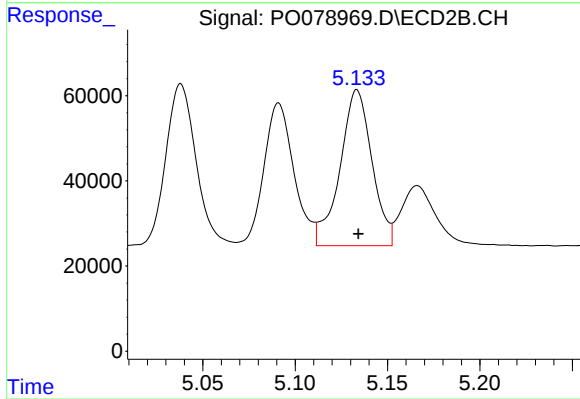
R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 379656
Conc: 384.59 ng/ml



#23 AR-1248-3

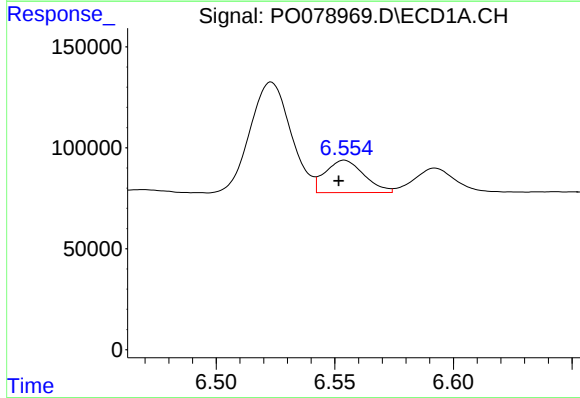
R.T.: 6.131 min
Delta R.T.: 0.003 min
Response: 1054603
Conc: 406.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



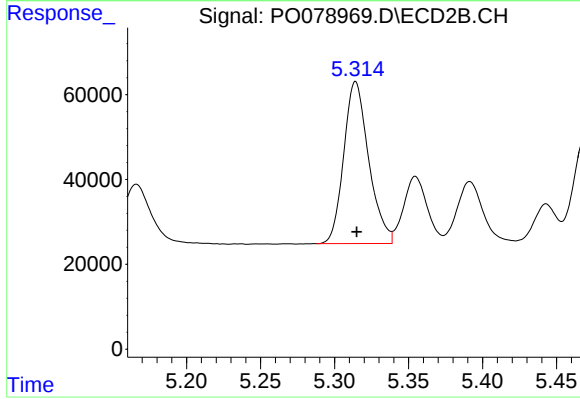
#23 AR-1248-3

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 441423
Conc: 444.63 ng/ml



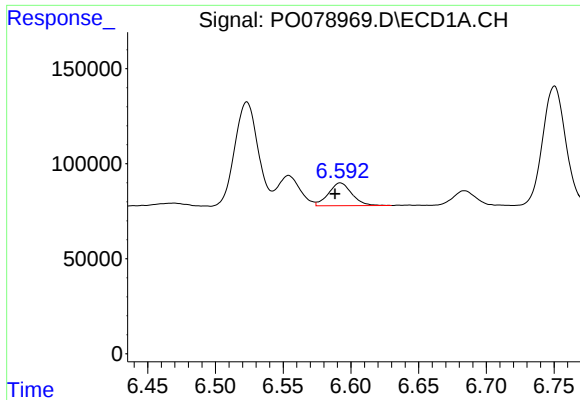
#24 AR-1248-4

R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 182683
Conc: 65.91 ng/ml



#24 AR-1248-4

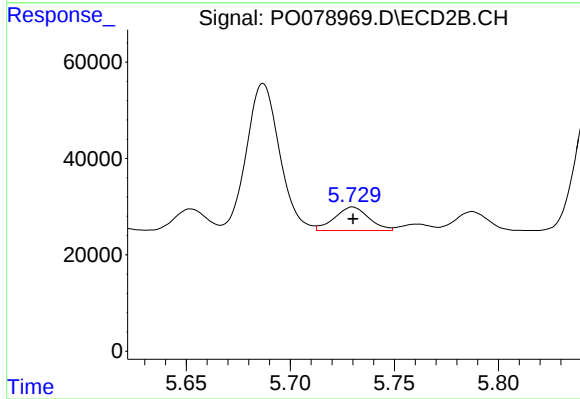
R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 448414
Conc: 381.89 ng/ml



#25 AR-1248-5

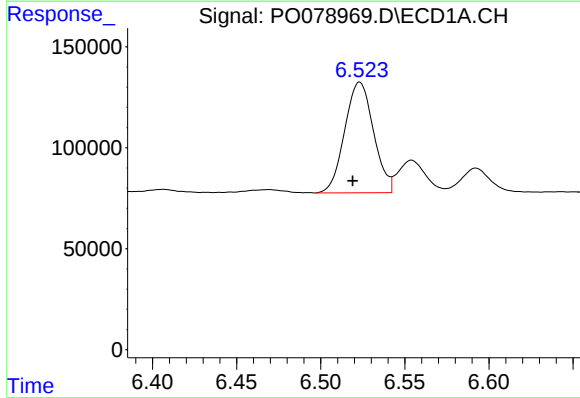
R.T.: 6.592 min
Delta R.T.: 0.004 min
Response: 144030
Conc: 52.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



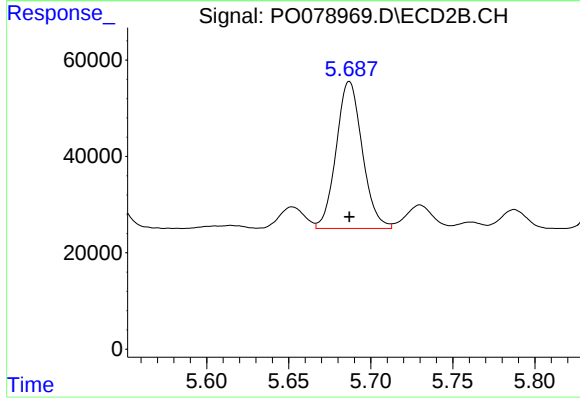
#25 AR-1248-5

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 55948
Conc: 51.96 ng/ml



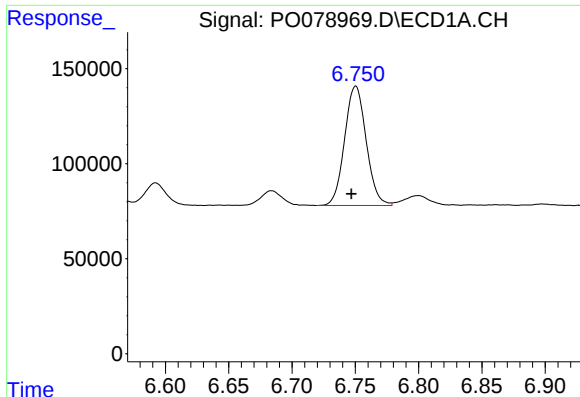
#26 AR-1254-1

R.T.: 6.523 min
Delta R.T.: 0.004 min
Response: 655217
Conc: 243.26 ng/ml



#26 AR-1254-1

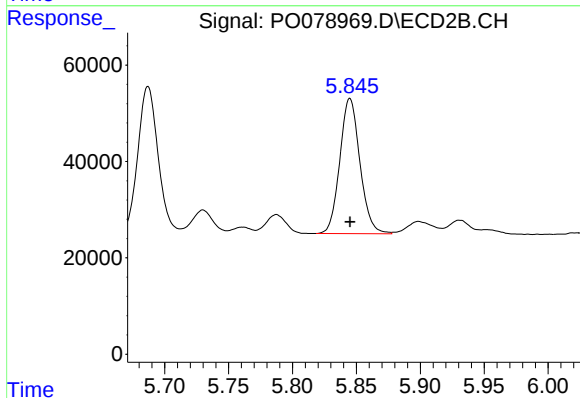
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 337953
Conc: 203.42 ng/ml



#27 AR-1254-2

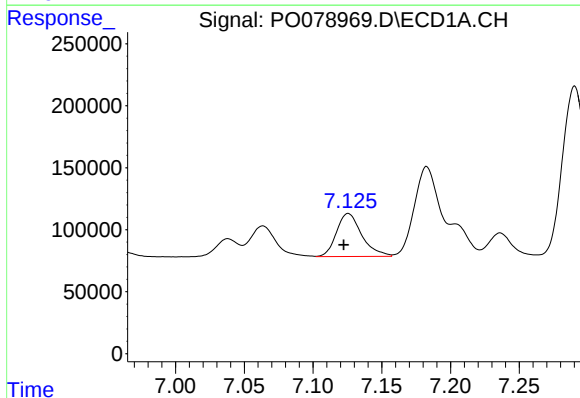
R.T.: 6.750 min
Delta R.T.: 0.003 min
Response: 746580
Conc: 177.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



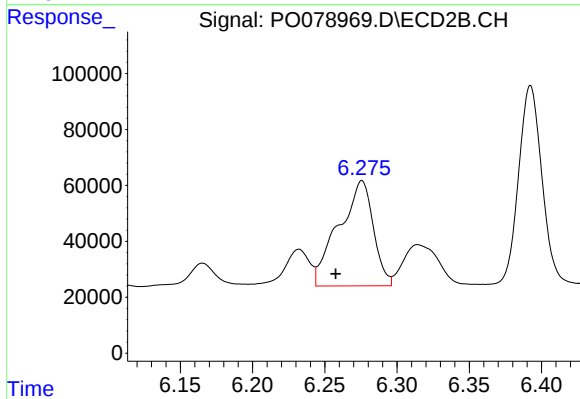
#27 AR-1254-2

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 307811
Conc: 208.87 ng/ml



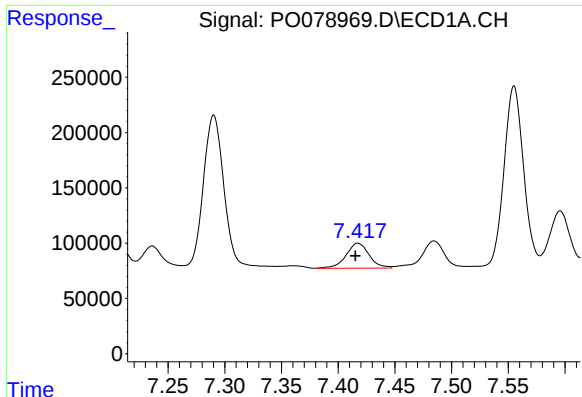
#28 AR-1254-3

R.T.: 7.126 min
Delta R.T.: 0.003 min
Response: 445396
Conc: 100.01 ng/ml



#28 AR-1254-3

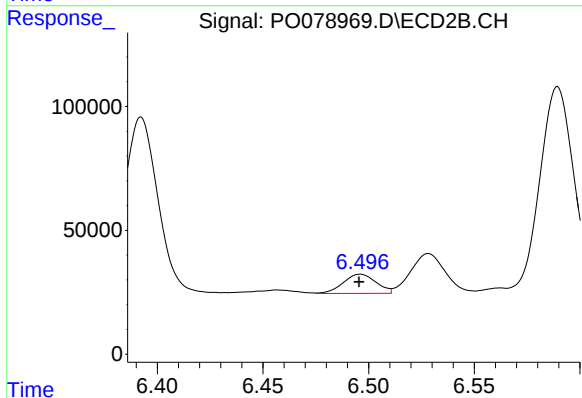
R.T.: 6.276 min
Delta R.T.: 0.018 min
Response: 626221
Conc: 281.55 ng/ml



#29 AR-1254-4

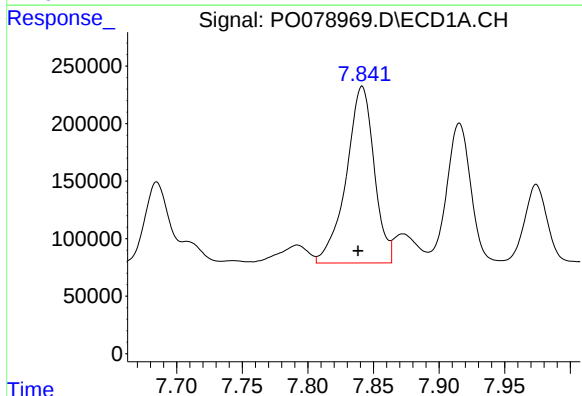
R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 318915
Conc: 103.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



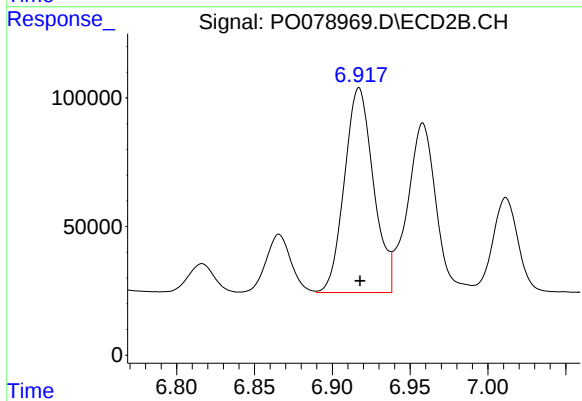
#29 AR-1254-4

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 84739
Conc: 62.32 ng/ml



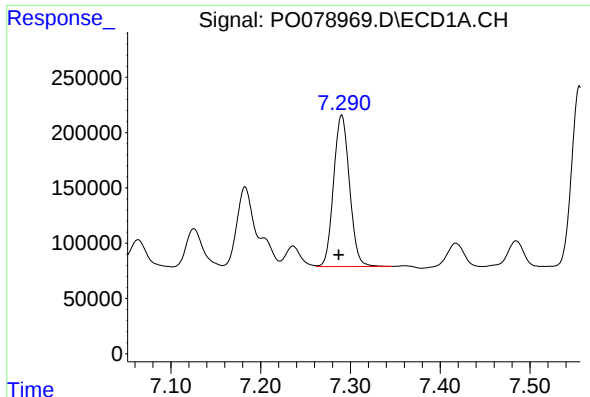
#30 AR-1254-5

R.T.: 7.841 min
Delta R.T.: 0.003 min
Response: 2274735
Conc: 696.85 ng/ml



#30 AR-1254-5

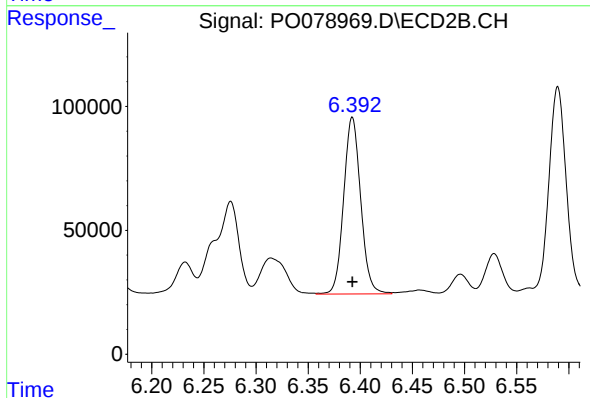
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1033886
Conc: 519.24 ng/ml



#31 AR-1260-1

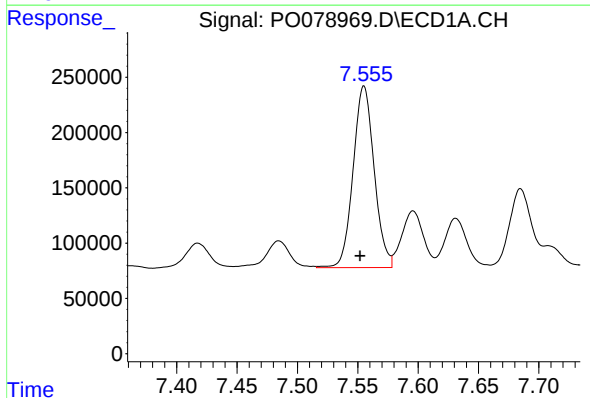
R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 1687649
Conc: 506.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



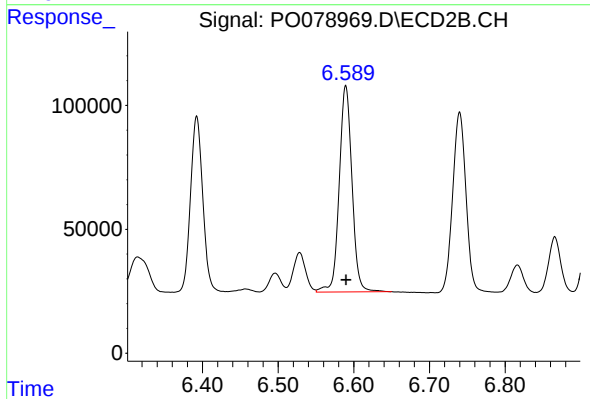
#31 AR-1260-1

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 811319
Conc: 501.23 ng/ml



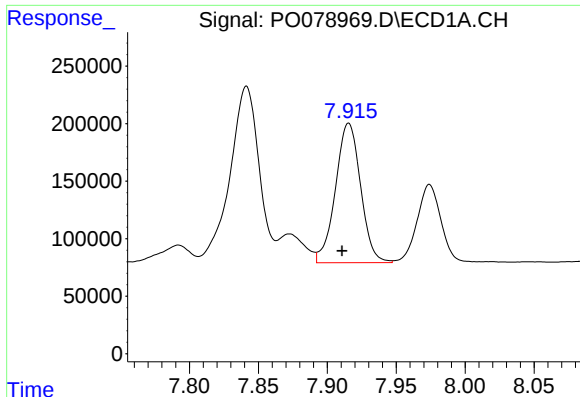
#32 AR-1260-2

R.T.: 7.555 min
Delta R.T.: 0.003 min
Response: 1994161
Conc: 513.08 ng/ml



#32 AR-1260-2

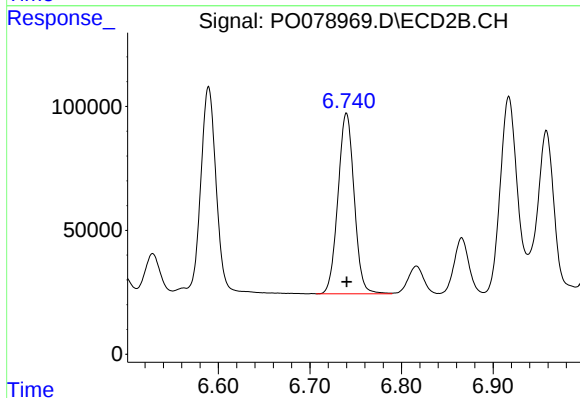
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 976729
Conc: 504.06 ng/ml



#33 AR-1260-3

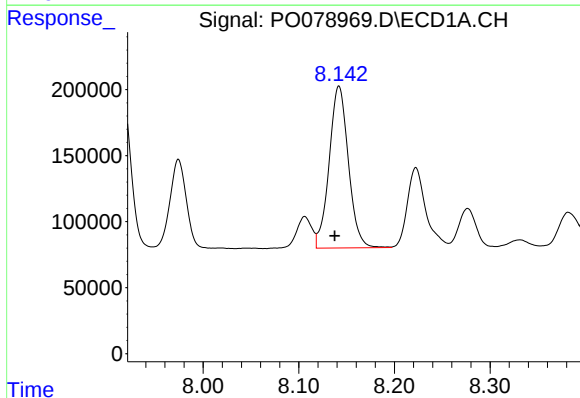
R.T.: 7.916 min
Delta R.T.: 0.005 min
Response: 1539865
Conc: 508.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



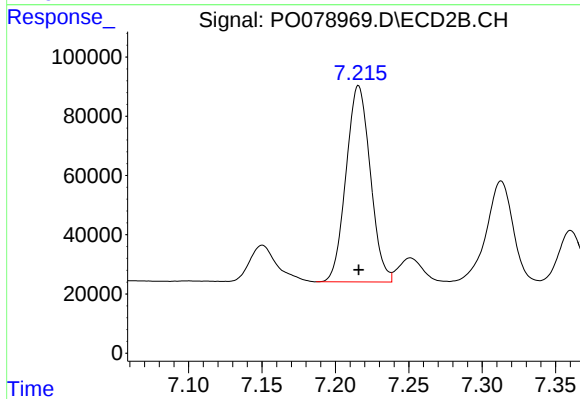
#33 AR-1260-3

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 895511
Conc: 486.37 ng/ml



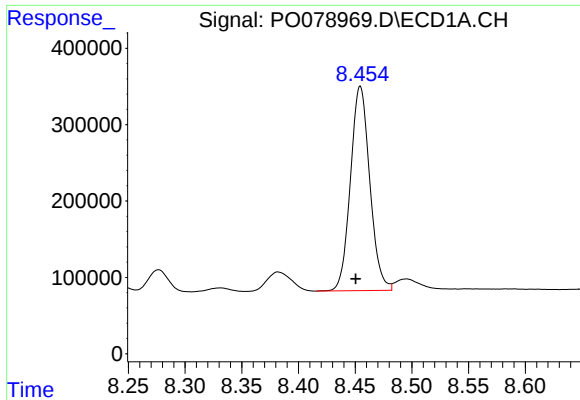
#34 AR-1260-4

R.T.: 8.142 min
Delta R.T.: 0.004 min
Response: 1707570
Conc: 521.47 ng/ml



#34 AR-1260-4

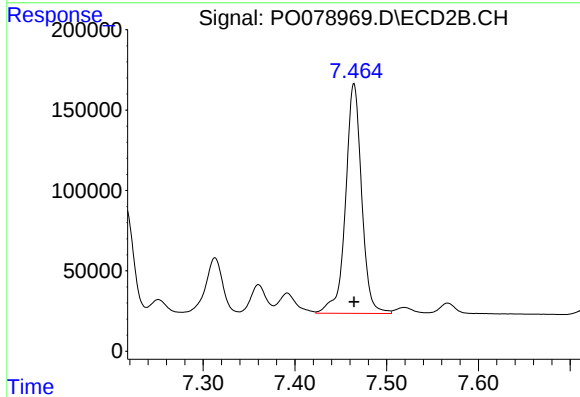
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 762803
Conc: 500.70 ng/ml



#35 AR-1260-5

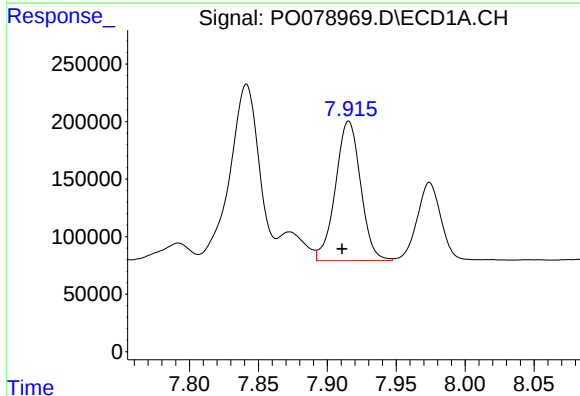
R.T.: 8.455 min
Delta R.T.: 0.004 min
Response: 3175778
Conc: 495.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



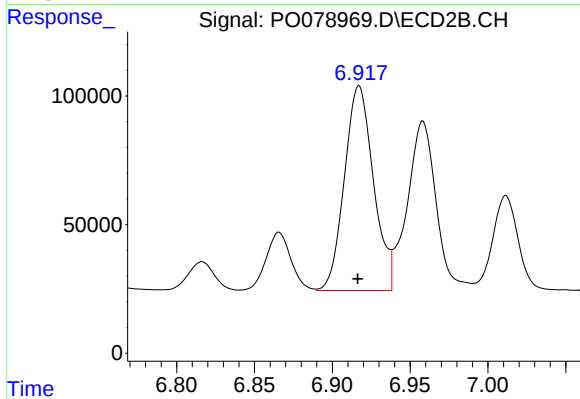
#35 AR-1260-5

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 1745461
Conc: 492.92 ng/ml



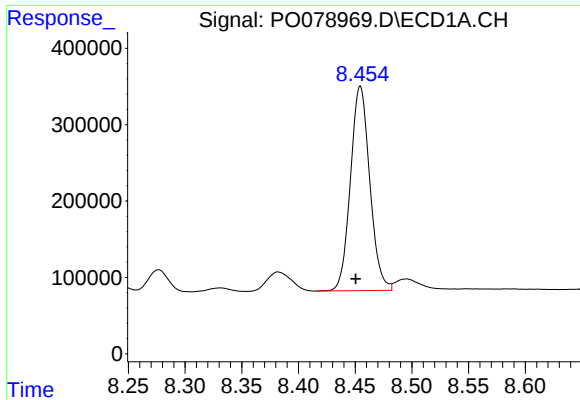
#36 AR-1262-1

R.T.: 7.916 min
Delta R.T.: 0.005 min
Response: 1539865
Conc: 374.80 ng/ml



#36 AR-1262-1

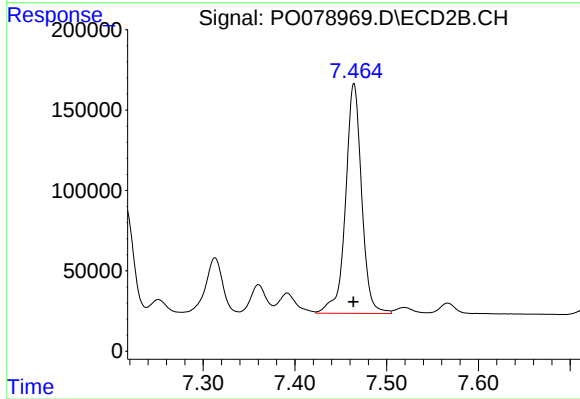
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1033886
Conc: 991.79 ng/ml



#37 AR-1262-2

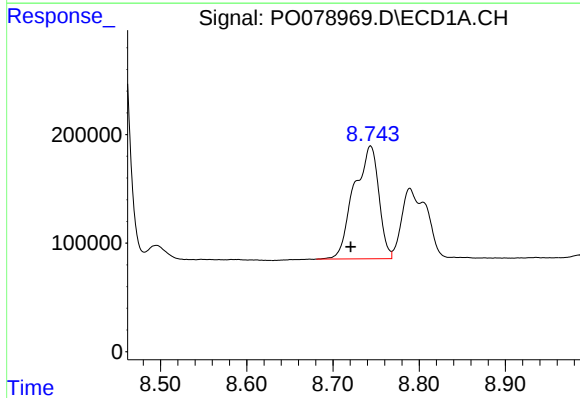
R.T.: 8.455 min
Delta R.T.: 0.004 min
Response: 3175778
Conc: 476.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



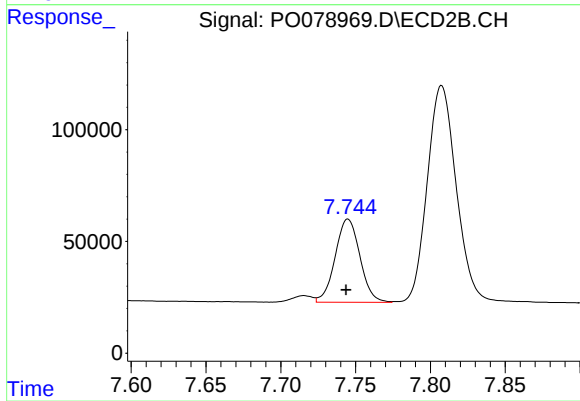
#37 AR-1262-2

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 1745461
Conc: 494.62 ng/ml



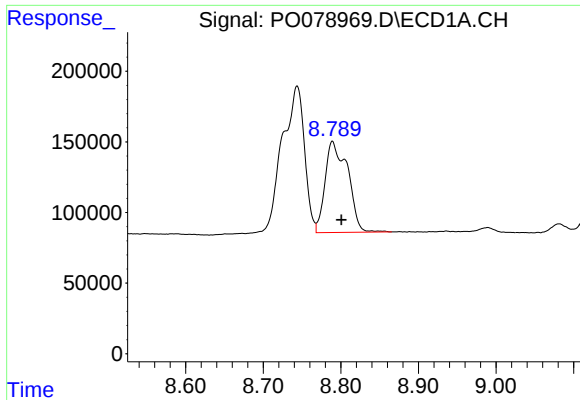
#38 AR-1262-3

R.T.: 8.744 min
Delta R.T.: 0.023 min
Response: 2073190
Conc: 453.85 ng/ml



#38 AR-1262-3

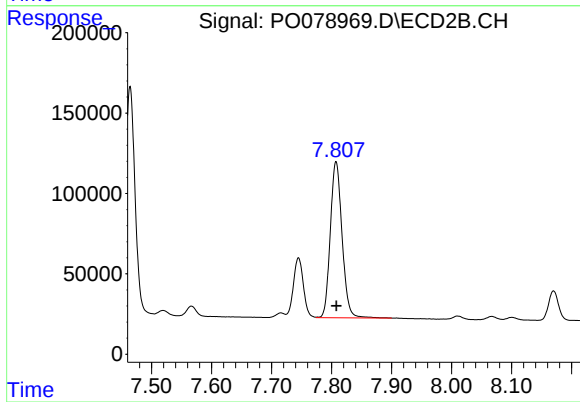
R.T.: 7.745 min
Delta R.T.: 0.001 min
Response: 430291
Conc: 300.19 ng/ml



#39 AR-1262-4

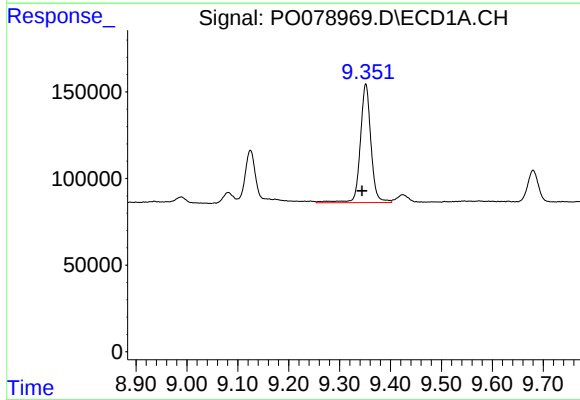
R.T.: 8.789 min
Delta R.T.: -0.011 min
Response: 1310988
Conc: 352.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



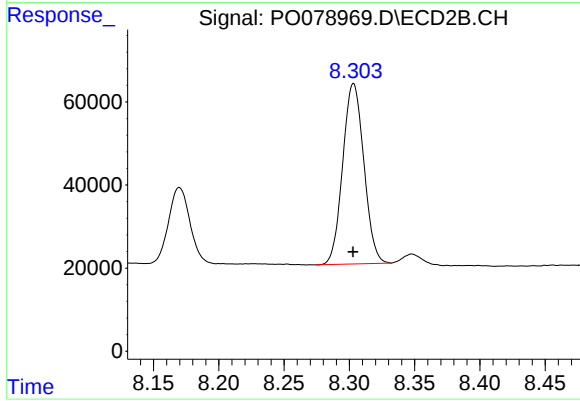
#39 AR-1262-4

R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 1322247
Conc: 491.62 ng/ml



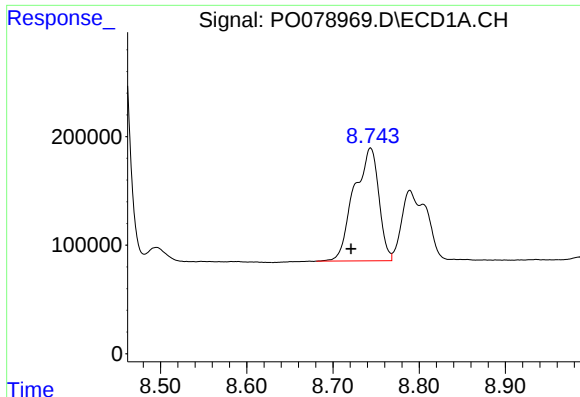
#40 AR-1262-5

R.T.: 9.351 min
Delta R.T.: 0.007 min
Response: 998572
Conc: 412.14 ng/ml



#40 AR-1262-5

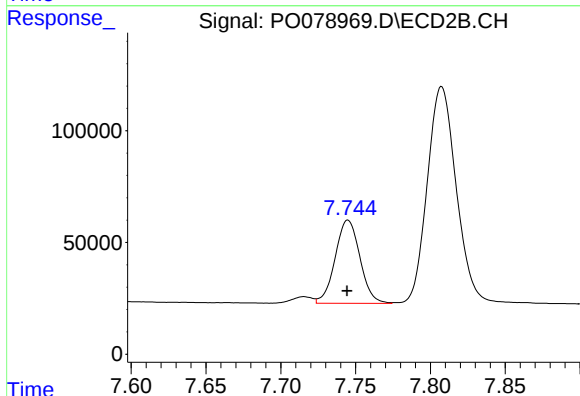
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 489301
Conc: 404.01 ng/ml



#41 AR-1268-1

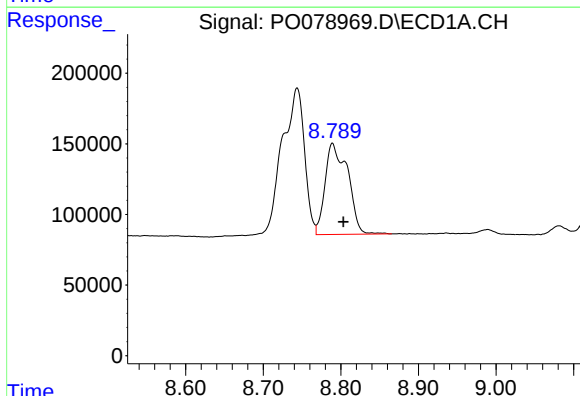
R.T.: 8.744 min
Delta R.T.: 0.022 min
Response: 2073190
Conc: 255.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



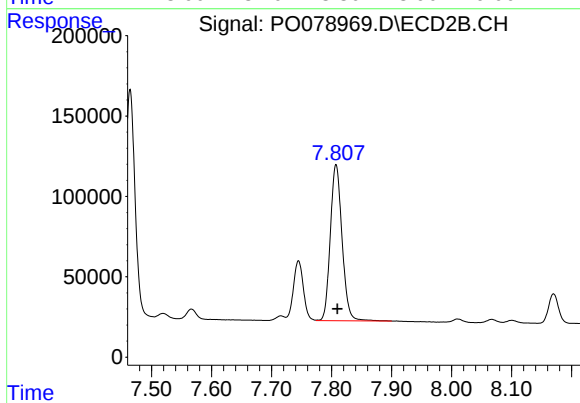
#41 AR-1268-1

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 430291
Conc: 97.97 ng/ml



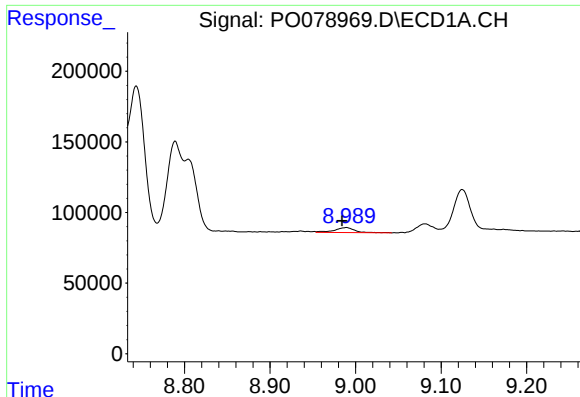
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: -0.014 min
Response: 1310988
Conc: 175.33 ng/ml



#42 AR-1268-2

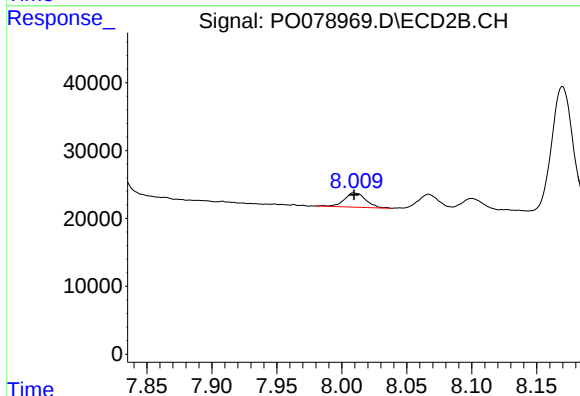
R.T.: 7.808 min
Delta R.T.: -0.002 min
Response: 1322247
Conc: 334.88 ng/ml



#43 AR-1268-3

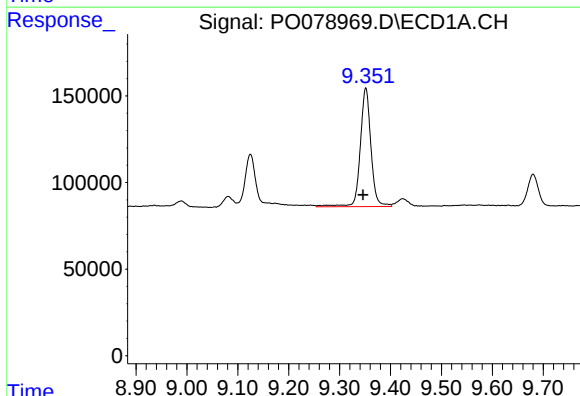
R.T.: 8.989 min
Delta R.T.: 0.004 min
Response: 56524
Conc: 8.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



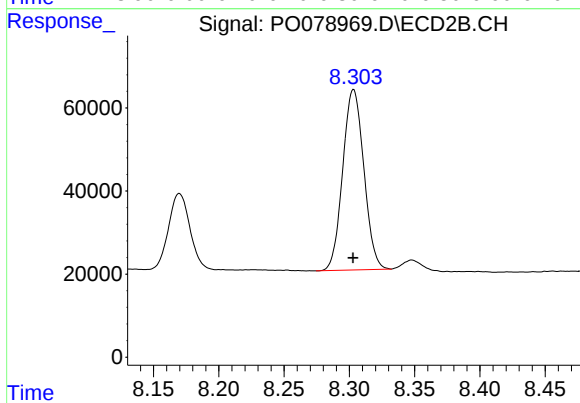
#43 AR-1268-3

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 24601
Conc: 7.23 ng/ml



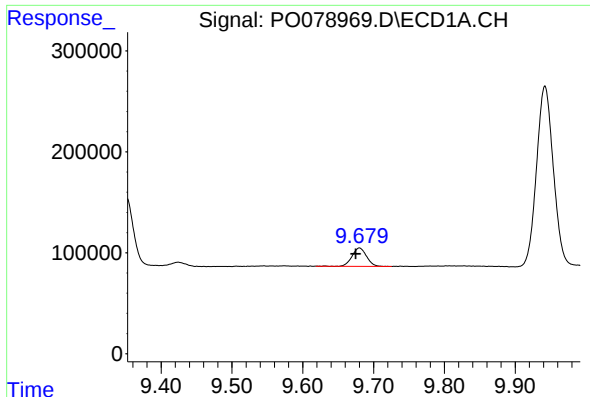
#44 AR-1268-4

R.T.: 9.351 min
Delta R.T.: 0.005 min
Response: 998572
Conc: 387.96 ng/ml



#44 AR-1268-4

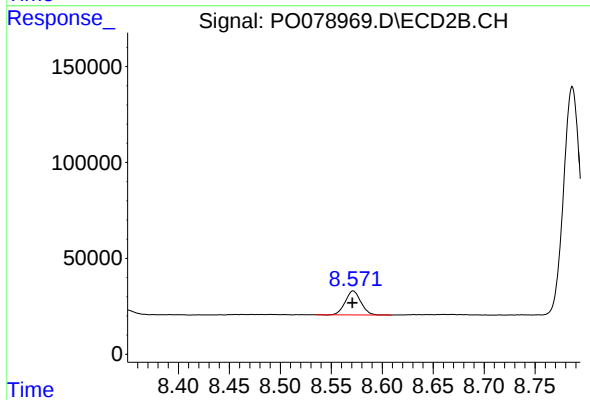
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 489301
Conc: 342.36 ng/ml



#45 AR-1268-5

R.T.: 9.680 min
Delta R.T.: 0.005 min
Response: 259523
Conc: 12.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 133338
Conc: 12.93 ng/ml