

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060821\
 Data File : P0078565.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Jun 2021 18:07
 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 09 02:34:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 08 05:39:51 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...	4.336	3.613	3677638	1545378	48.149	48.916
2)	SA Decachlor...	9.945	8.797	2030089	1250532	50.067	52.007
Target Compounds							
3)	L1 AR-1016-1	5.633	4.841	1089866	517908	465.448	495.085
4)	L1 AR-1016-2	5.655	4.860	1625361	759173	450.830	480.885
5)	L1 AR-1016-3	5.719	5.047	1007516	395643	460.693	494.076
6)	L1 AR-1016-4	5.823	5.100	808955	345346	461.079	489.020
7)	L1 AR-1016-5	6.134	5.323	774497	418786	446.440	480.142
8)	L2 AR-1221-1	4.583	3.864	104368	51490	124.778	135.220
9)	L2 AR-1221-2	4.682	3.961	153638	71558	253.662	254.447
10)	L2 AR-1221-3	4.768	4.048	632373	285711	319.080	317.186
11)	L3 AR-1232-1	4.768	4.048	632373	285711	413.054	392.989
12)	L3 AR-1232-2	5.341	4.860	927783	759173	1193.478	1101.857
13)	L3 AR-1232-3	5.655	5.047	1625361	395643	1114.659	1155.314
14)	L3 AR-1232-4	5.823	5.143	808955	404947	1152.976	1316.863
15)	L3 AR-1232-5	5.923	5.323	655440	418786	1301.150	1201.355
16)	L4 AR-1242-1	5.633	4.841	1089866	517908	603.372	615.768
17)	L4 AR-1242-2	5.655	4.860	1625361	759173	605.895	617.091
18)	L4 AR-1242-3	5.719	5.047	1007516	395643	612.034	623.884
19)	L4 AR-1242-4	5.823	5.143	808955	404947	600.630	618.903
20)	L4 AR-1242-5	6.595	5.696	114866	306575	85.825	372.858 #
21)	L5 AR-1248-1	5.633	4.841	1089866	517908	801.607	801.372
22)	L5 AR-1248-2	5.923	5.100	655440	345346	337.559	354.176
23)	L5 AR-1248-3	6.134	5.143	774497	404947	342.698	417.381
24)	L5 AR-1248-4	6.557	5.323	146467	418786	61.823	361.538 #
25)	L5 AR-1248-5	6.595	5.739	114866	45821	49.359	41.793
26)	L6 AR-1254-1	6.526	5.696	531916	306575	210.189	177.628
27)	L6 AR-1254-2	6.753	5.854	573813	280545	144.496	174.959
28)	L6 AR-1254-3	7.129	6.285	304742	544653	73.368	227.641 #
29)	L6 AR-1254-4	7.420	6.505	199848	75000	67.969	51.250
30)	L6 AR-1254-5	7.844	6.927	1701127	958350	530.533	420.353
31)	L7 AR-1260-1	7.294	6.402	1278743	735453	436.130	463.525
32)	L7 AR-1260-2	7.558	6.599	1471548	889461	447.332	477.559
33)	L7 AR-1260-3	7.918	6.749	1100836	825779	464.878	465.393
34)	L7 AR-1260-4	8.145	7.225	1234122	668110	479.835	455.934
35)	L7 AR-1260-5	8.457	7.474	2294714	1538022	451.248	440.787
36)	L8 AR-1262-1	7.918	6.927	1100836	958350	281.417	802.222 #
37)	L8 AR-1262-2	8.457	7.474	2294714	1538022	358.676	392.170
38)	L8 AR-1262-3	8.746f	7.755	1485836	374394	355.760	227.441 #
39)	L8 AR-1262-4	8.791f	7.817	926423	1171740	298.949	389.535 #
40)	L8 AR-1262-5	9.352	8.313	665483	423749	351.213	312.237
41)	L9 AR-1268-1	8.746f	7.755	1485836	374394	207.150	82.430 #

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 Acq On : 08 Jun 2021 18:07
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

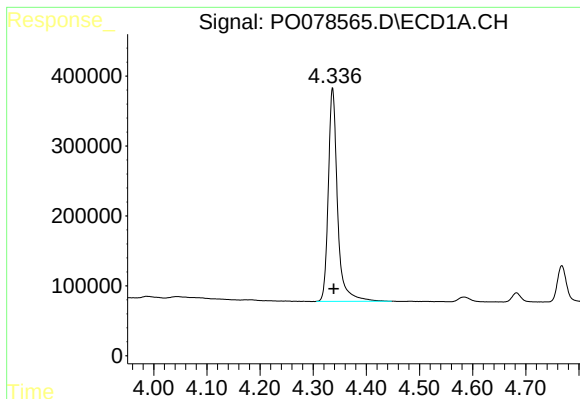
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 02:34:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.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	8.791f	7.817	926423	1171740	145.419	286.144 #
43) L9	AR-1268-3	8.990	8.020	33185	19832	6.390	5.685
44) L9	AR-1268-4	9.352	8.313	665483	423749	336.162	288.689
45) L9	AR-1268-5	9.681	8.581	192364	114542	12.503	11.058

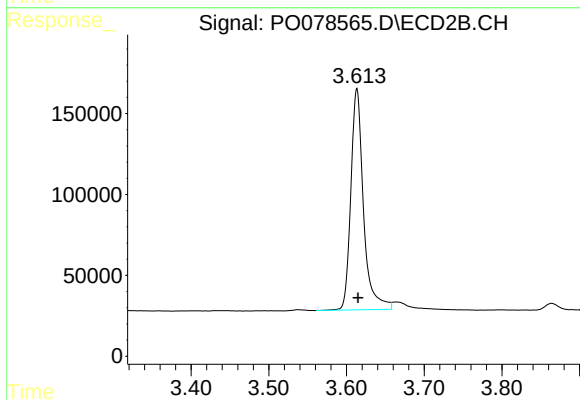
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

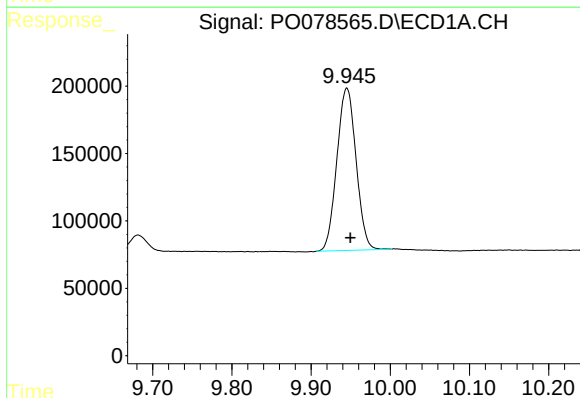
R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 3677638
Conc: 48.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



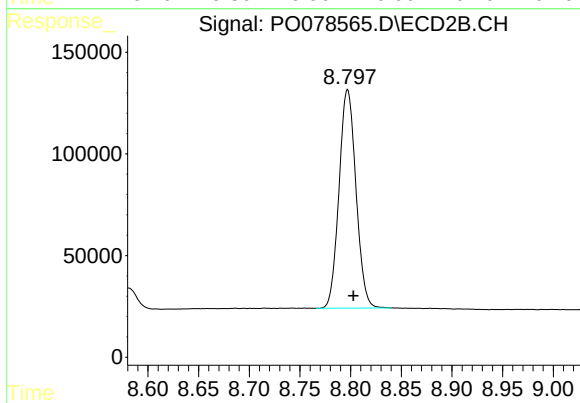
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 1545378
Conc: 48.92 ng/ml



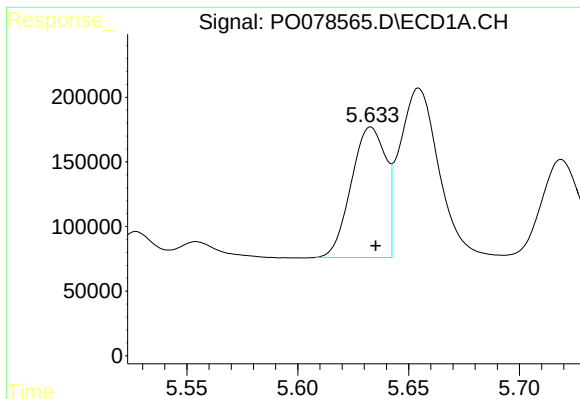
#2 Decachlorobiphenyl

R.T.: 9.945 min
Delta R.T.: -0.005 min
Response: 2030089
Conc: 50.07 ng/ml



#2 Decachlorobiphenyl

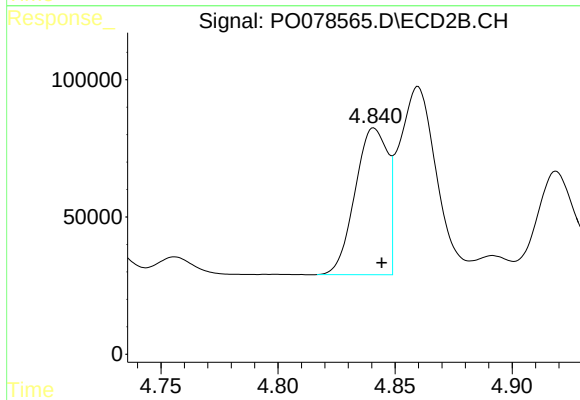
R.T.: 8.797 min
Delta R.T.: -0.006 min
Response: 1250532
Conc: 52.01 ng/ml



#3 AR-1016-1

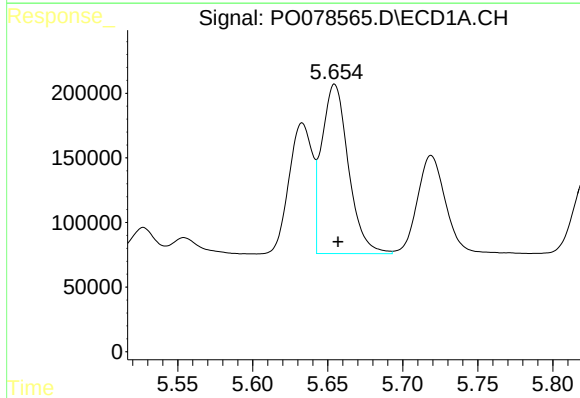
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 1089866
Conc: 465.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



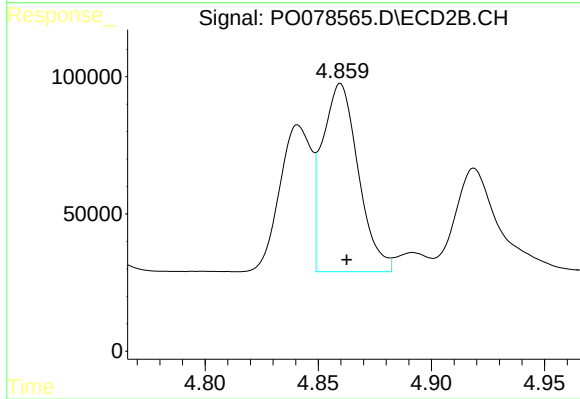
#3 AR-1016-1

R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 517908
Conc: 495.09 ng/ml



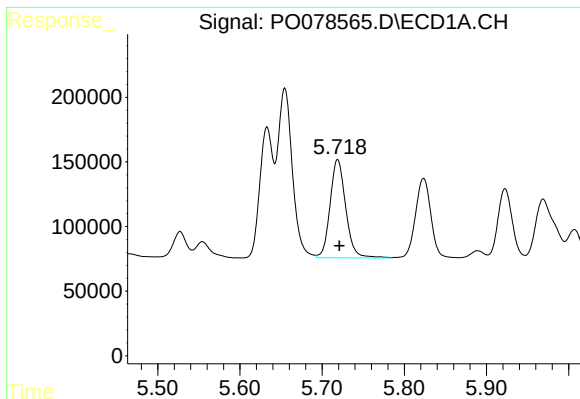
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 1625361
Conc: 450.83 ng/ml



#4 AR-1016-2

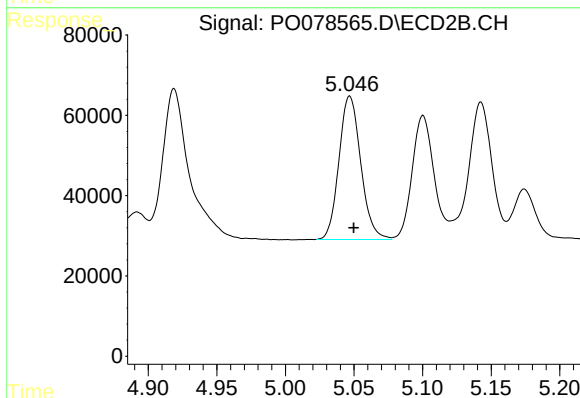
R.T.: 4.860 min
Delta R.T.: -0.003 min
Response: 759173
Conc: 480.88 ng/ml



#5 AR-1016-3

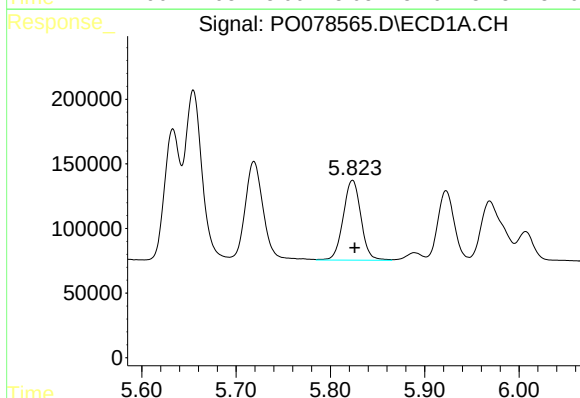
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 1007516
Conc: 460.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



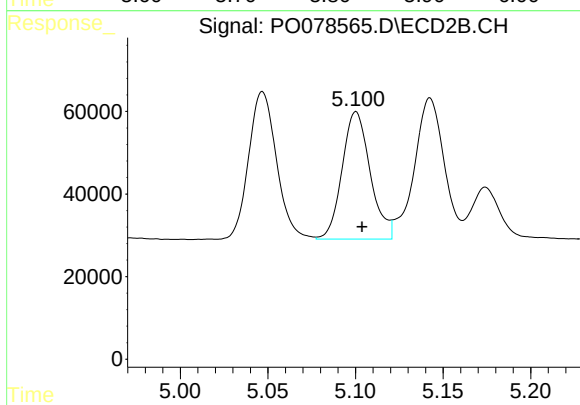
#5 AR-1016-3

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 395643
Conc: 494.08 ng/ml



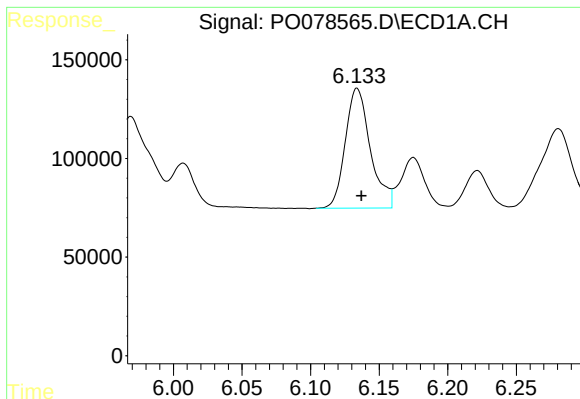
#6 AR-1016-4

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 808955
Conc: 461.08 ng/ml



#6 AR-1016-4

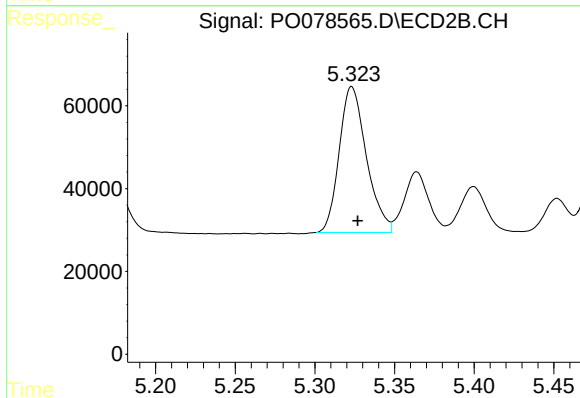
R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 345346
Conc: 489.02 ng/ml



#7 AR-1016-5

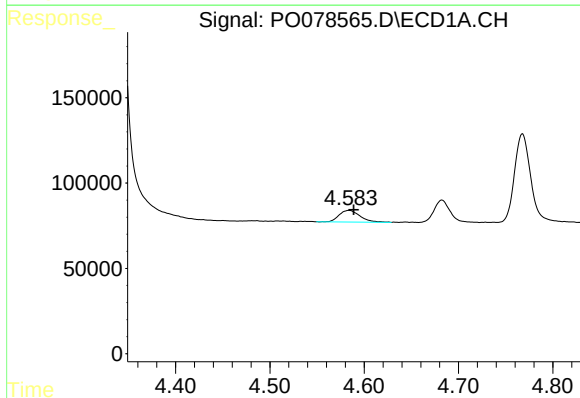
R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 774497
Conc: 446.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



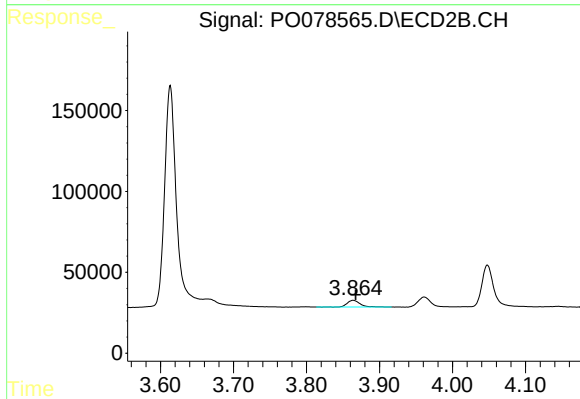
#7 AR-1016-5

R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 418786
Conc: 480.14 ng/ml



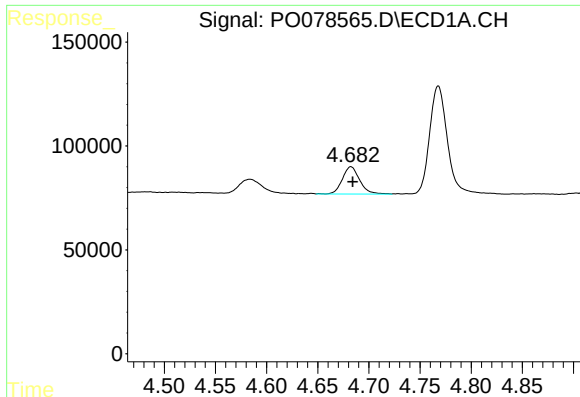
#8 AR-1221-1

R.T.: 4.583 min
Delta R.T.: -0.006 min
Response: 104368
Conc: 124.78 ng/ml



#8 AR-1221-1

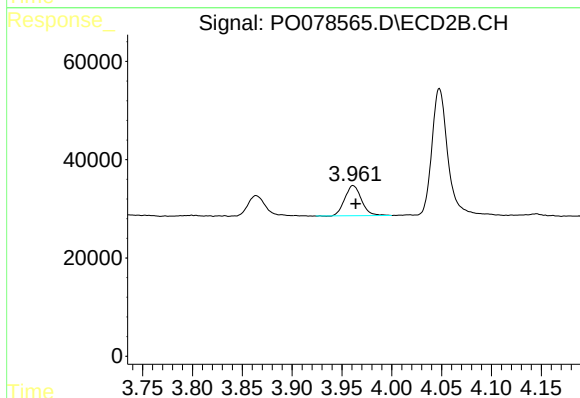
R.T.: 3.864 min
Delta R.T.: -0.003 min
Response: 51490
Conc: 135.22 ng/ml



#9 AR-1221-2

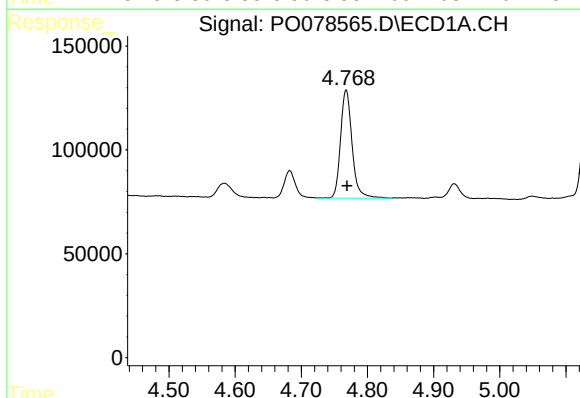
R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 153638
Conc: 253.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



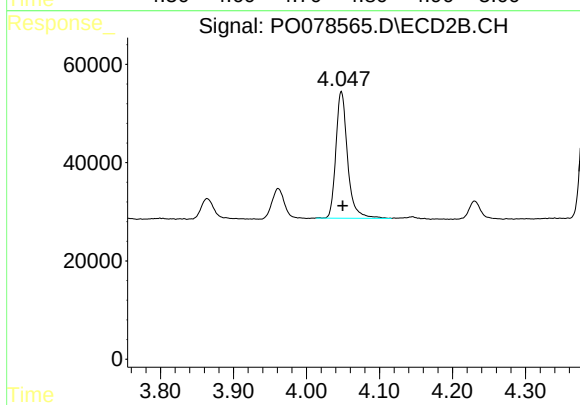
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 71558
Conc: 254.45 ng/ml



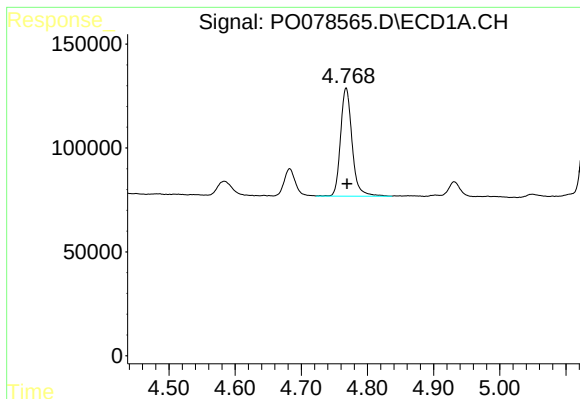
#10 AR-1221-3

R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 632373
Conc: 319.08 ng/ml



#10 AR-1221-3

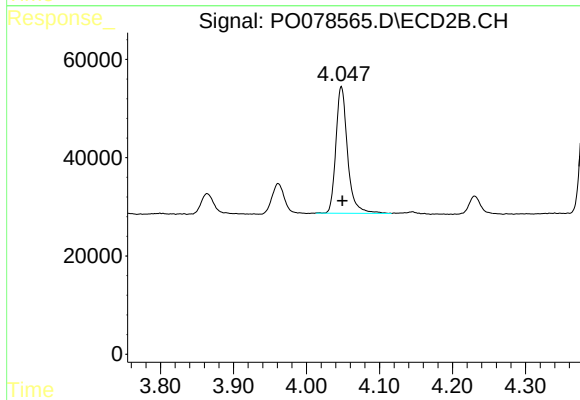
R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 285711
Conc: 317.19 ng/ml



#11 AR-1232-1

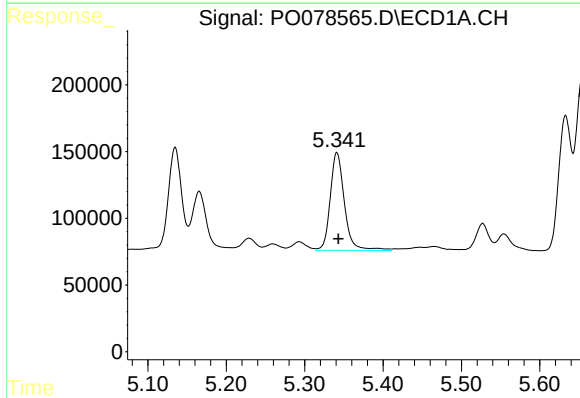
R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 632373
Conc: 413.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



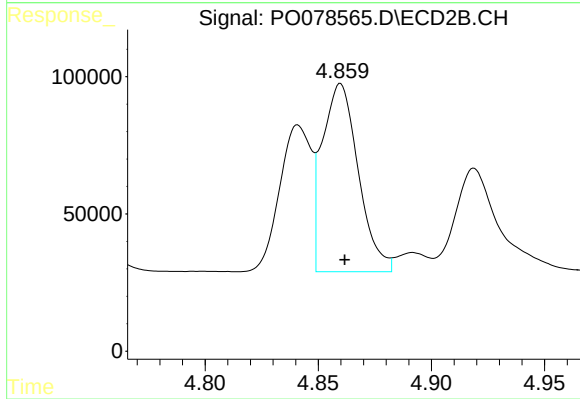
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: -0.001 min
Response: 285711
Conc: 392.99 ng/ml



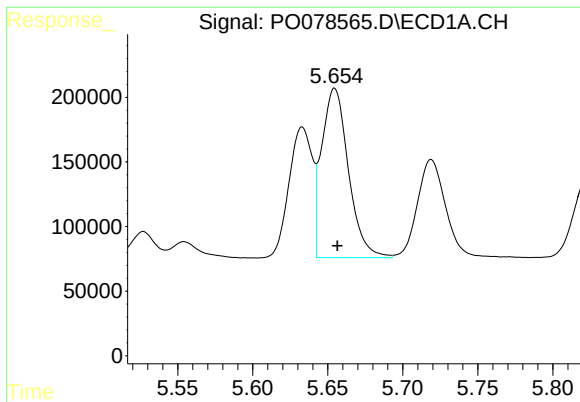
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 927783
Conc: 1193.48 ng/ml



#12 AR-1232-2

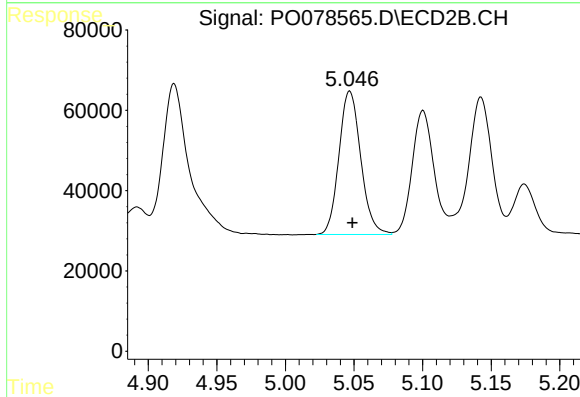
R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 759173
Conc: 1101.86 ng/ml



#13 AR-1232-3

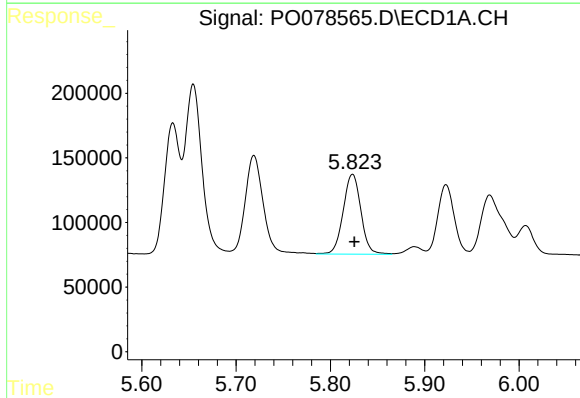
R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 1625361
Conc: 1114.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



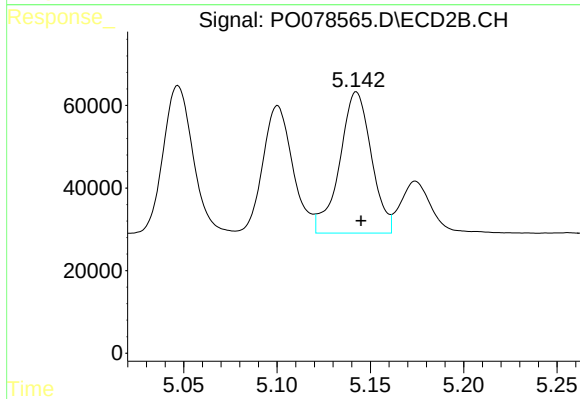
#13 AR-1232-3

R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 395643
Conc: 1155.31 ng/ml



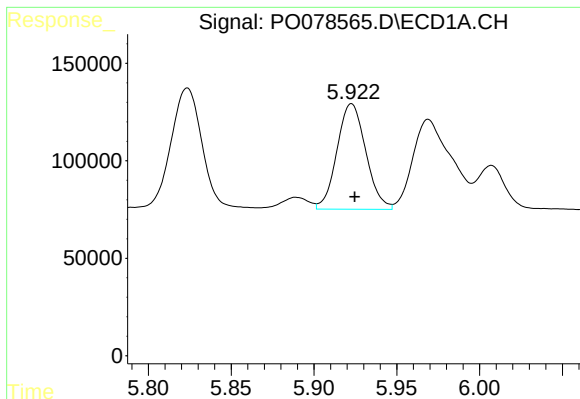
#14 AR-1232-4

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 808955
Conc: 1152.98 ng/ml



#14 AR-1232-4

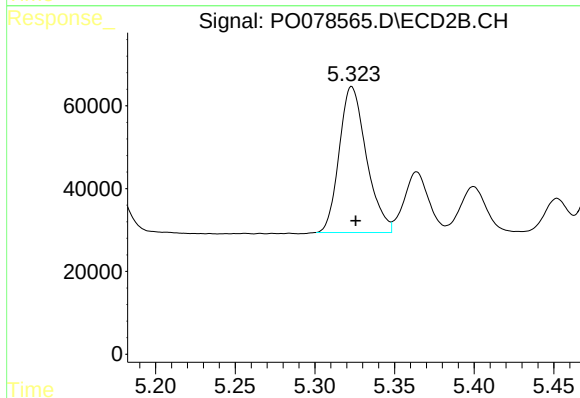
R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 404947
Conc: 1316.86 ng/ml



#15 AR-1232-5

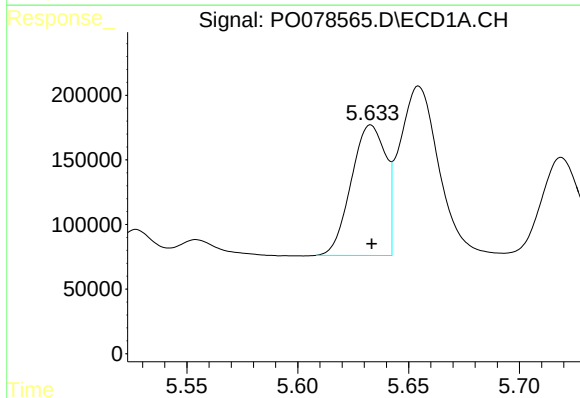
R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 655440
Conc: 1301.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



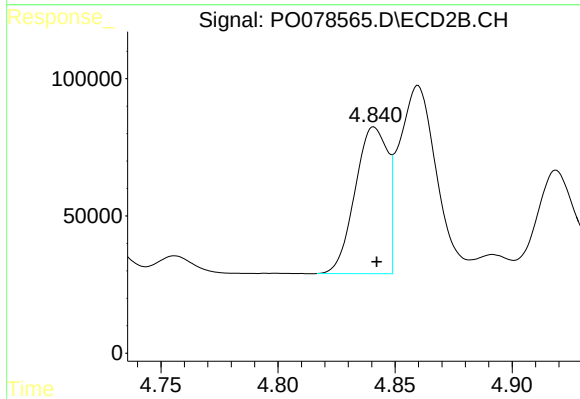
#15 AR-1232-5

R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 418786
Conc: 1201.35 ng/ml



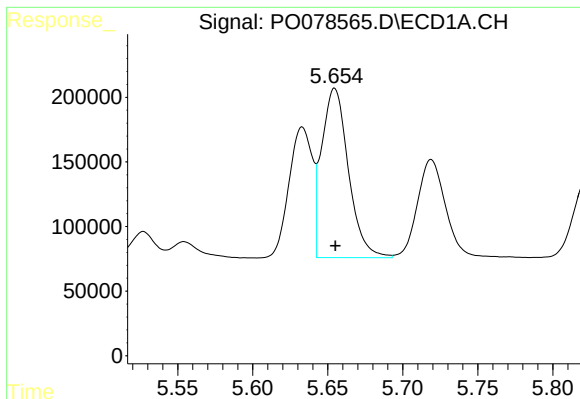
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 1089866
Conc: 603.37 ng/ml



#16 AR-1242-1

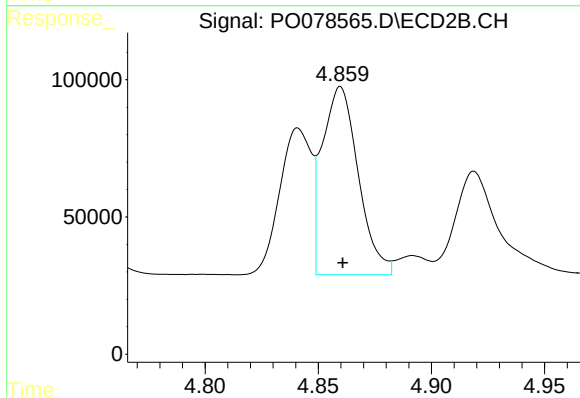
R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 517908
Conc: 615.77 ng/ml



#17 AR-1242-2

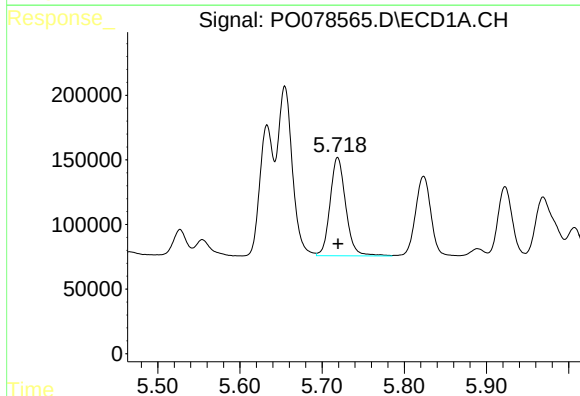
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 1625361
Conc: 605.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



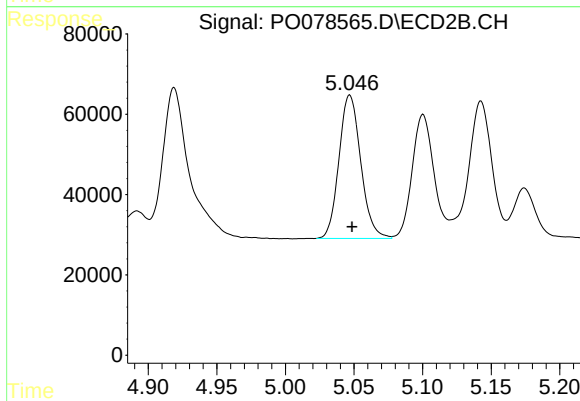
#17 AR-1242-2

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 759173
Conc: 617.09 ng/ml



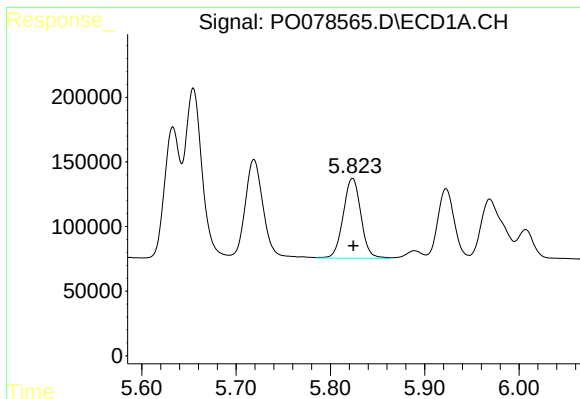
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1007516
Conc: 612.03 ng/ml



#18 AR-1242-3

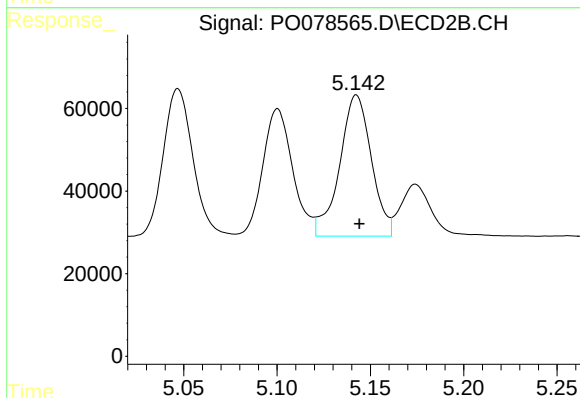
R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 395643
Conc: 623.88 ng/ml



#19 AR-1242-4

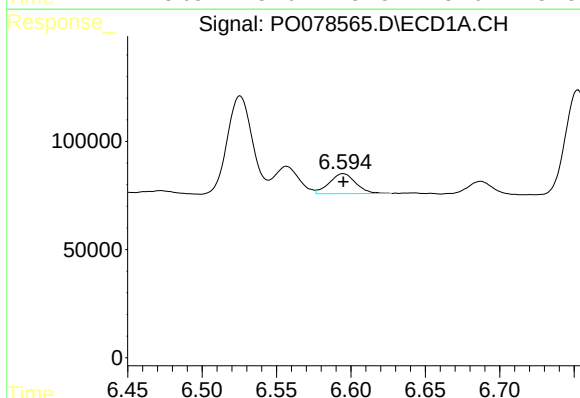
R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 808955
Conc: 600.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



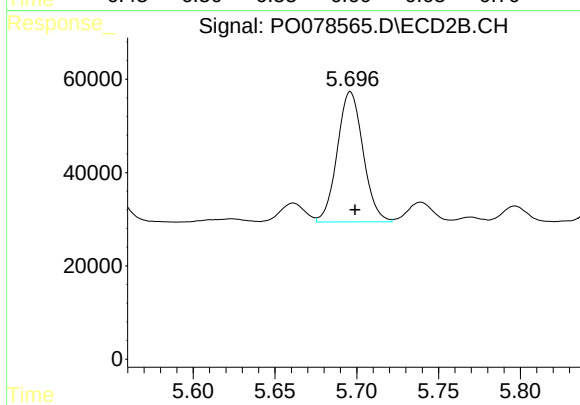
#19 AR-1242-4

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 404947
Conc: 618.90 ng/ml



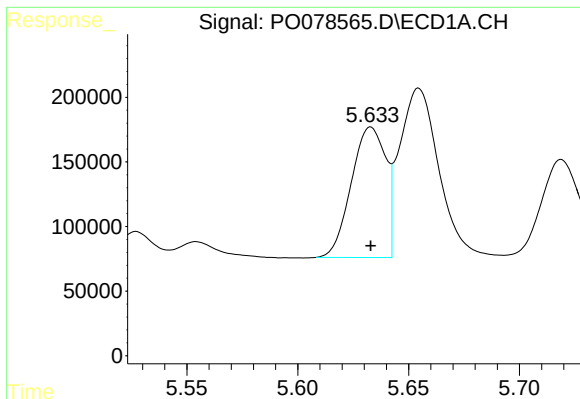
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 114866
Conc: 85.83 ng/ml



#20 AR-1242-5

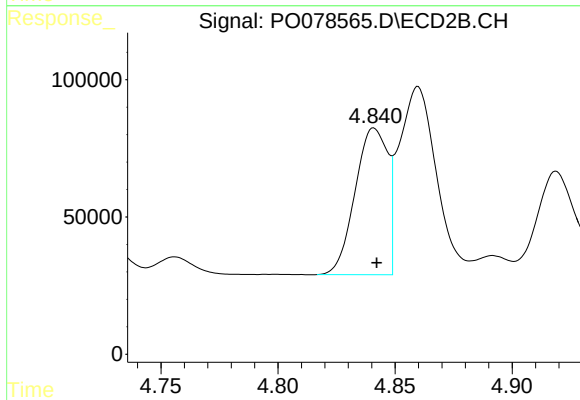
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 306575
Conc: 372.86 ng/ml



#21 AR-1248-1

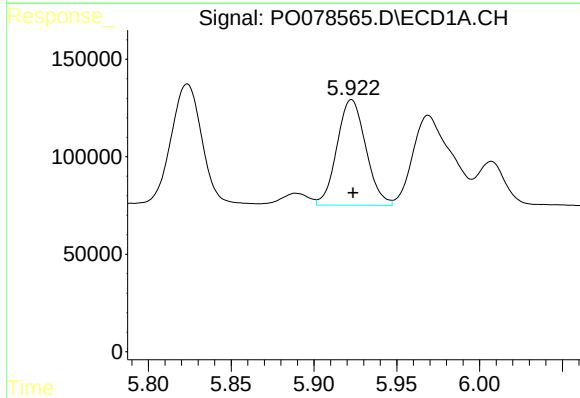
R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 1089866
Conc: 801.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



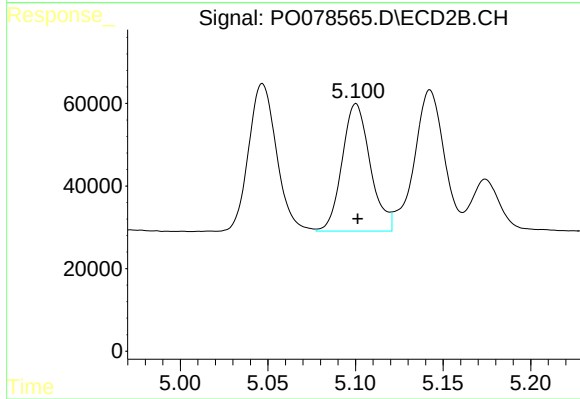
#21 AR-1248-1

R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 517908
Conc: 801.37 ng/ml



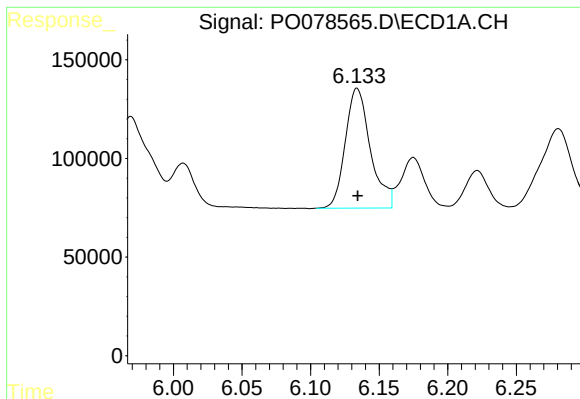
#22 AR-1248-2

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 655440
Conc: 337.56 ng/ml



#22 AR-1248-2

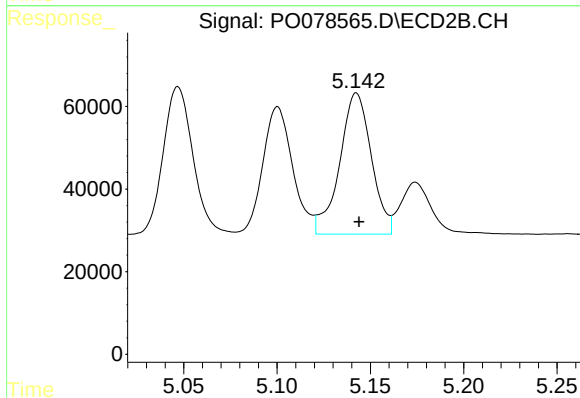
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 345346
Conc: 354.18 ng/ml



#23 AR-1248-3

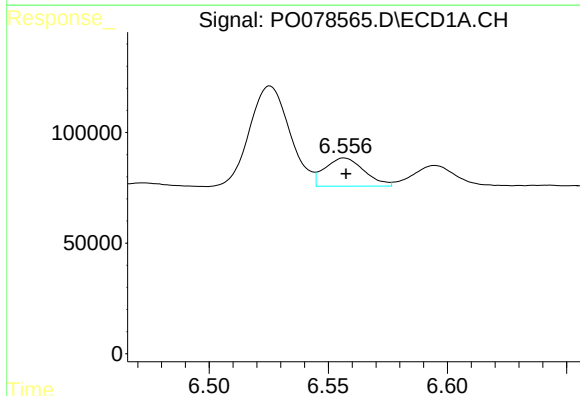
R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 774497
Conc: 342.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



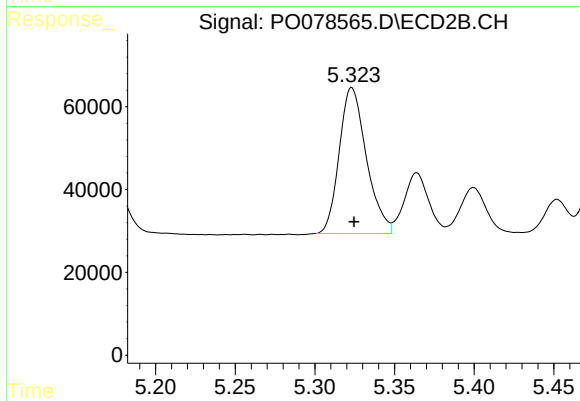
#23 AR-1248-3

R.T.: 5.143 min
Delta R.T.: -0.001 min
Response: 404947
Conc: 417.38 ng/ml



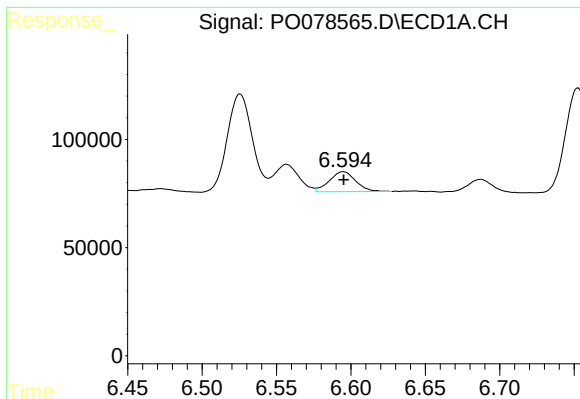
#24 AR-1248-4

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 146467
Conc: 61.82 ng/ml



#24 AR-1248-4

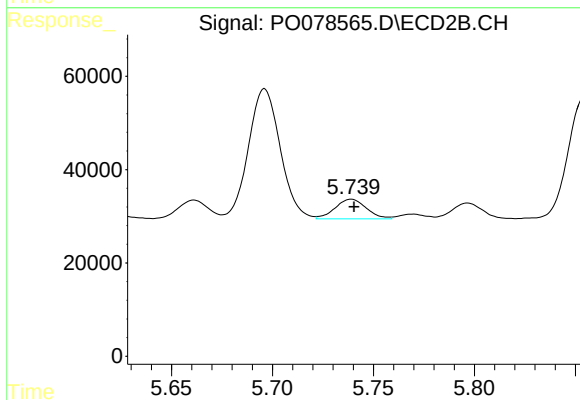
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 418786
Conc: 361.54 ng/ml



#25 AR-1248-5

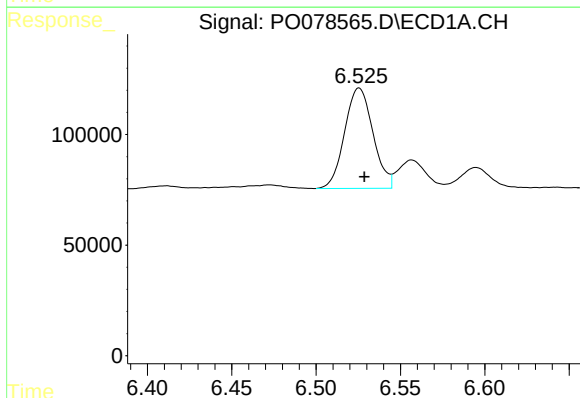
R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 114866
Conc: 49.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



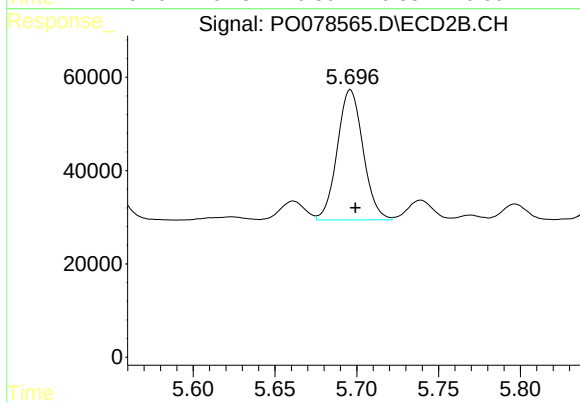
#25 AR-1248-5

R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 45821
Conc: 41.79 ng/ml



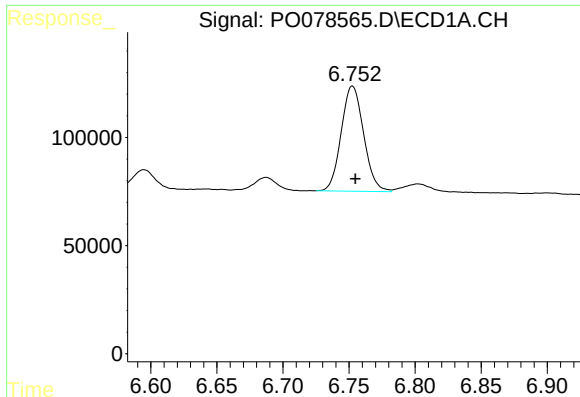
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 531916
Conc: 210.19 ng/ml



#26 AR-1254-1

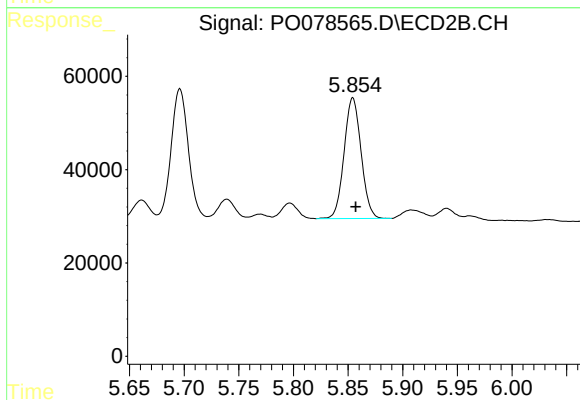
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 306575
Conc: 177.63 ng/ml



#27 AR-1254-2

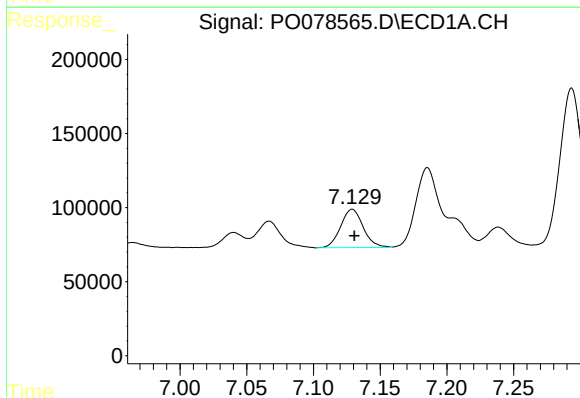
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 573813
Conc: 144.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



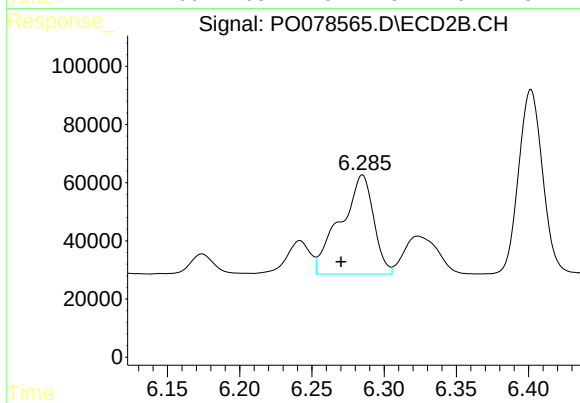
#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 280545
Conc: 174.96 ng/ml



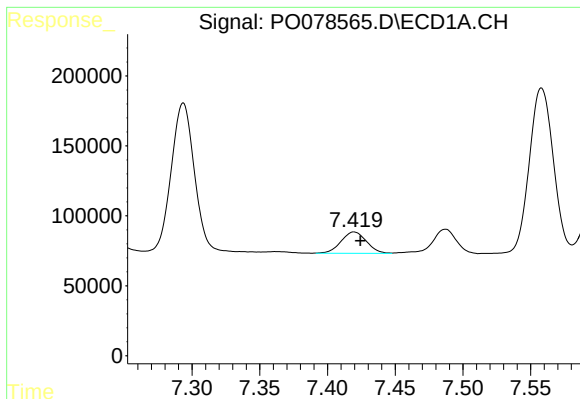
#28 AR-1254-3

R.T.: 7.129 min
Delta R.T.: -0.002 min
Response: 304742
Conc: 73.37 ng/ml



#28 AR-1254-3

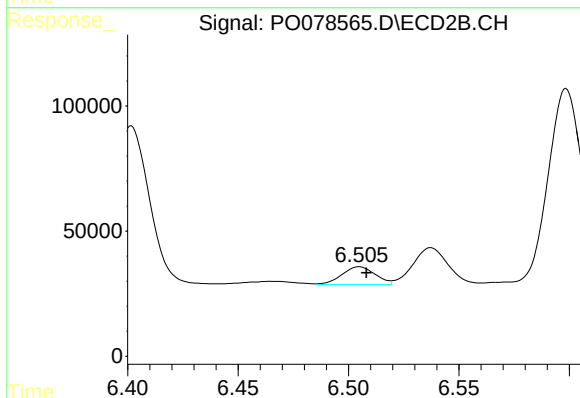
R.T.: 6.285 min
Delta R.T.: 0.015 min
Response: 544653
Conc: 227.64 ng/ml



#29 AR-1254-4

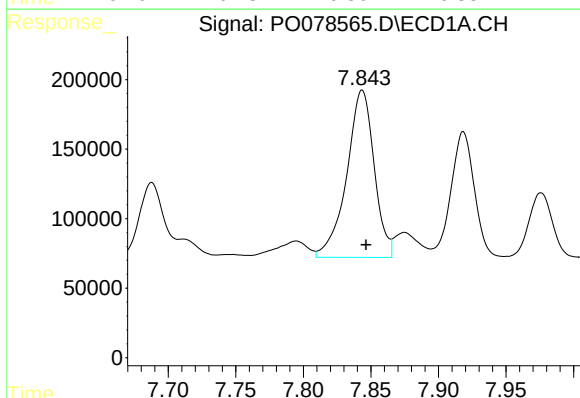
R.T.: 7.420 min
Delta R.T.: -0.005 min
Response: 199848
Conc: 67.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



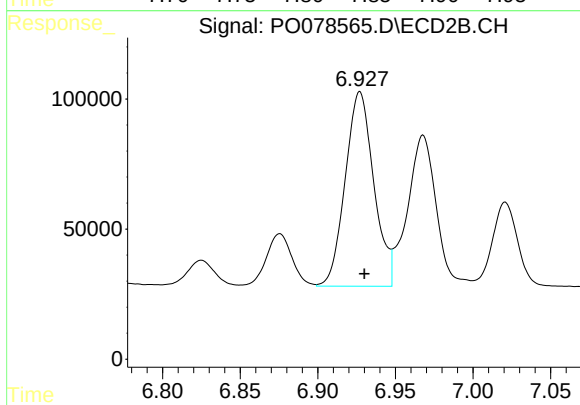
#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 75000
Conc: 51.25 ng/ml



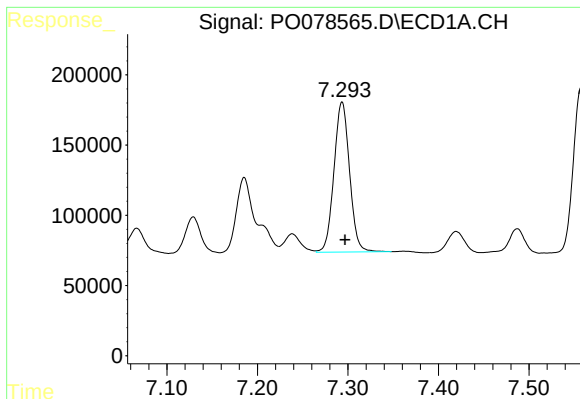
#30 AR-1254-5

R.T.: 7.844 min
Delta R.T.: -0.003 min
Response: 1701127
Conc: 530.53 ng/ml



#30 AR-1254-5

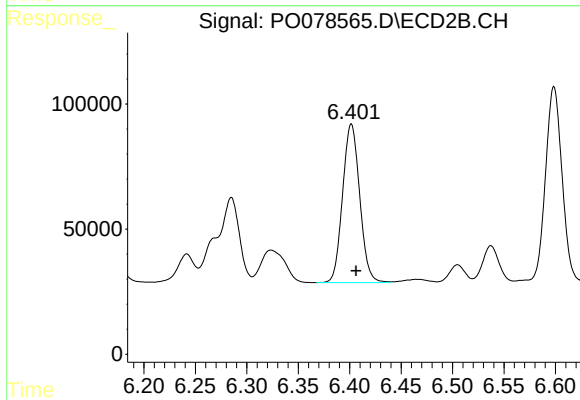
R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 958350
Conc: 420.35 ng/ml



#31 AR-1260-1

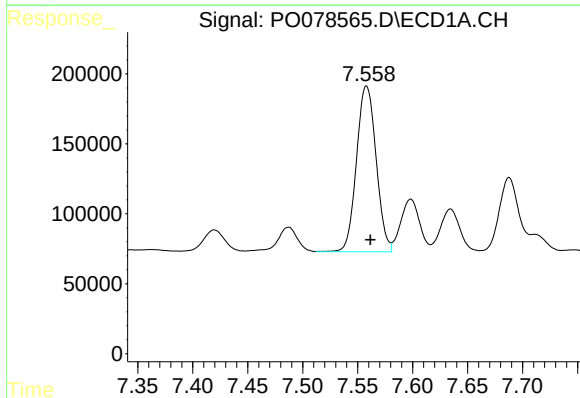
R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 1278743
Conc: 436.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



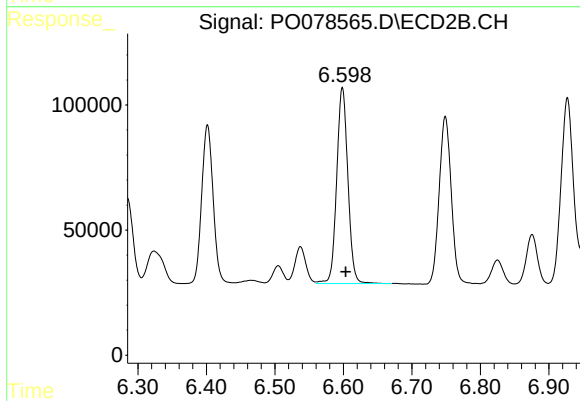
#31 AR-1260-1

R.T.: 6.402 min
Delta R.T.: -0.005 min
Response: 735453
Conc: 463.52 ng/ml



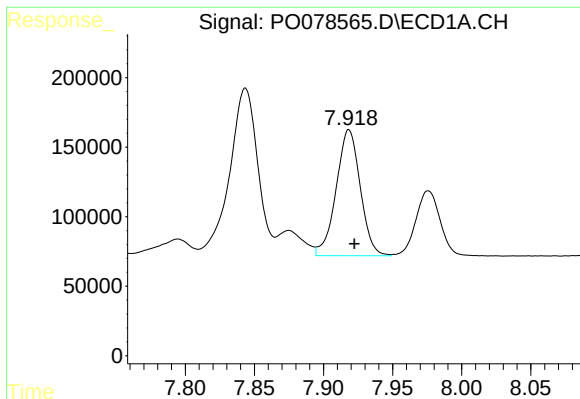
#32 AR-1260-2

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 1471548
Conc: 447.33 ng/ml



#32 AR-1260-2

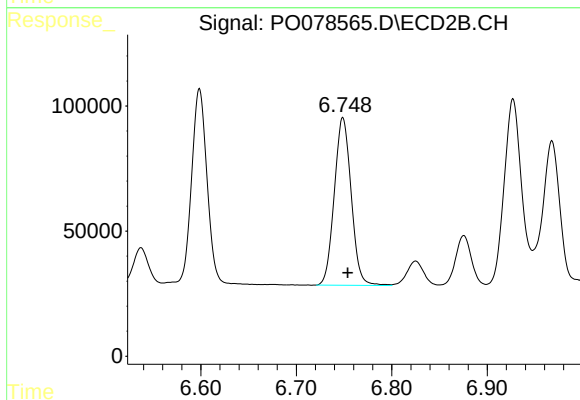
R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 889461
Conc: 477.56 ng/ml



#33 AR-1260-3

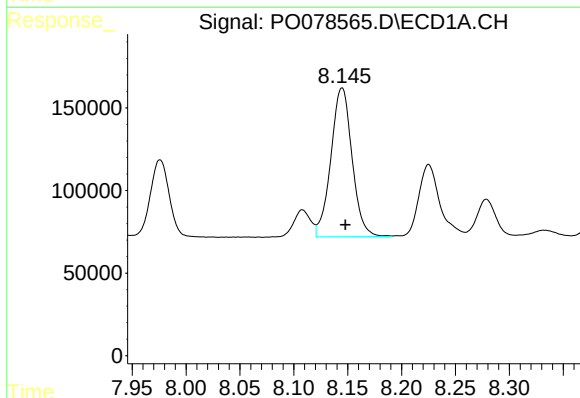
R.T.: 7.918 min
Delta R.T.: -0.004 min
Response: 1100836
Conc: 464.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



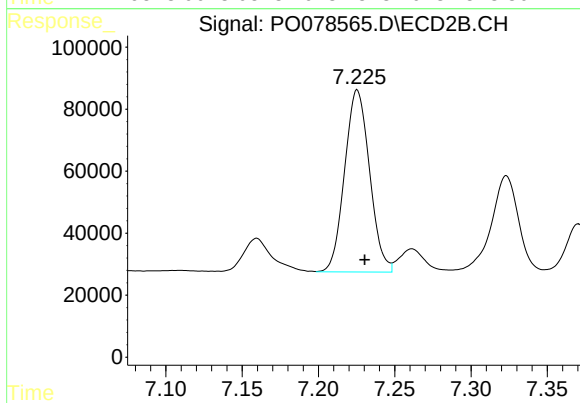
#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 825779
Conc: 465.39 ng/ml



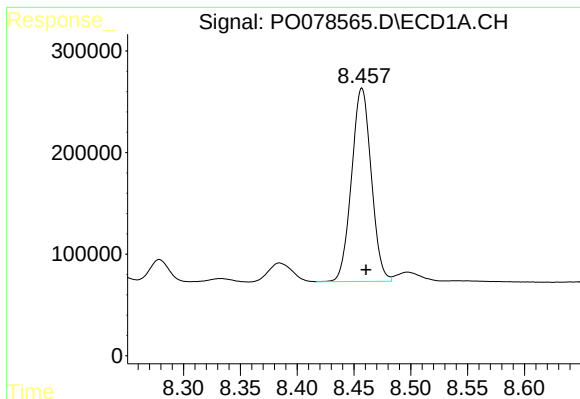
#34 AR-1260-4

R.T.: 8.145 min
Delta R.T.: -0.003 min
Response: 1234122
Conc: 479.84 ng/ml



#34 AR-1260-4

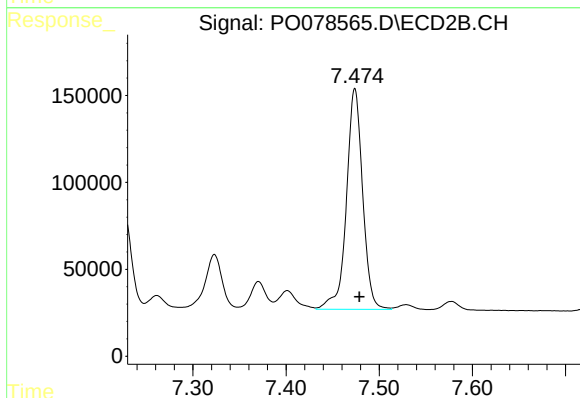
R.T.: 7.225 min
Delta R.T.: -0.005 min
Response: 668110
Conc: 455.93 ng/ml



#35 AR-1260-5

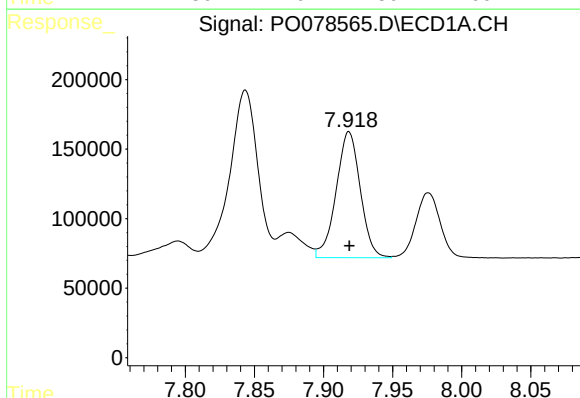
R.T.: 8.457 min
Delta R.T.: -0.004 min
Response: 2294714
Conc: 451.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



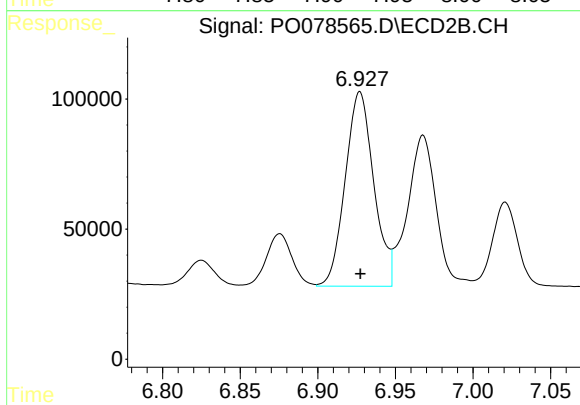
#35 AR-1260-5

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1538022
Conc: 440.79 ng/ml



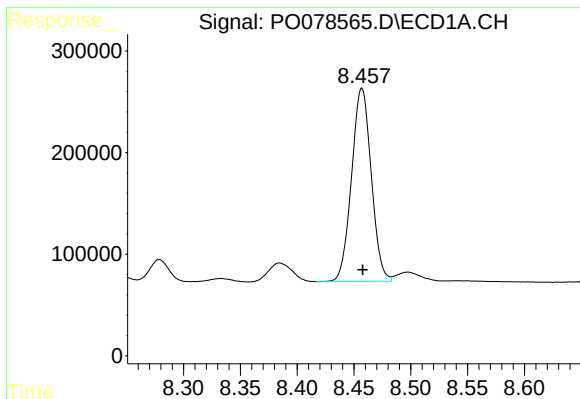
#36 AR-1262-1

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 1100836
Conc: 281.42 ng/ml



#36 AR-1262-1

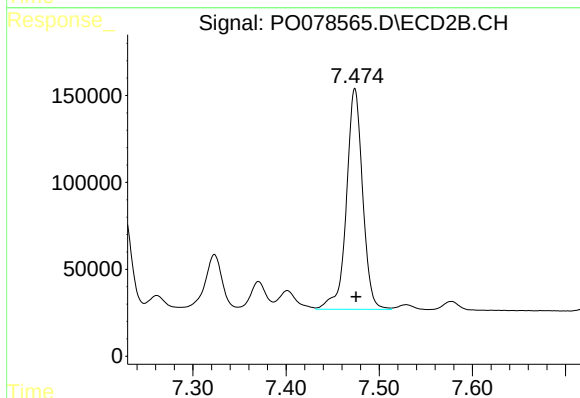
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 958350
Conc: 802.22 ng/ml



#37 AR-1262-2

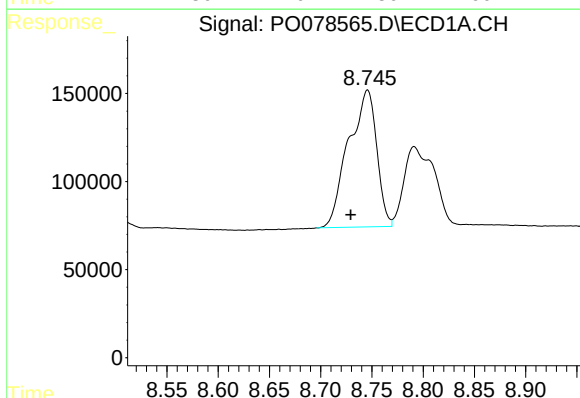
R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 2294714
Conc: 358.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



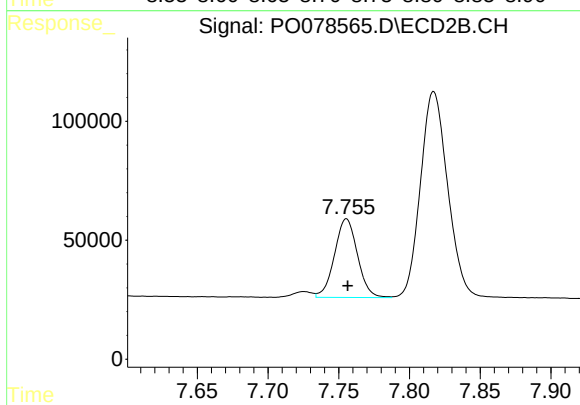
#37 AR-1262-2

R.T.: 7.474 min
Delta R.T.: -0.001 min
Response: 1538022
Conc: 392.17 ng/ml



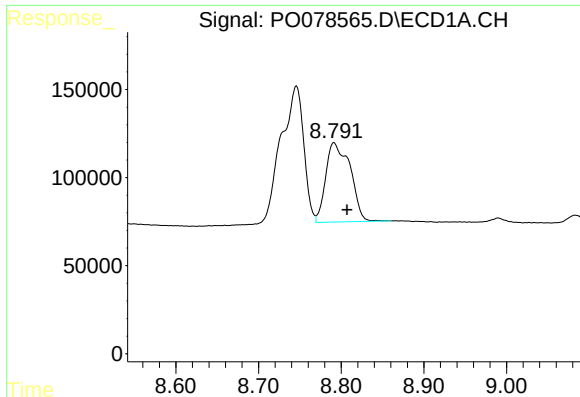
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.016 min
Response: 1485836
Conc: 355.76 ng/ml



#38 AR-1262-3

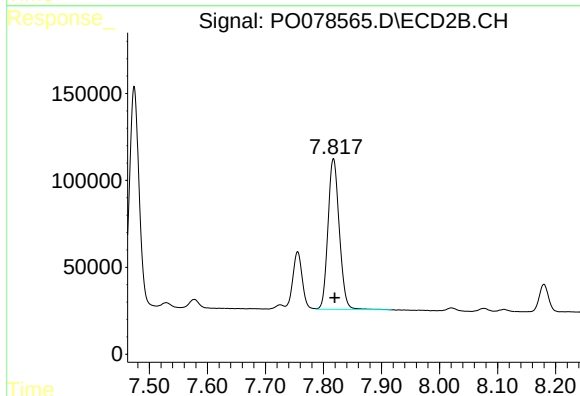
R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 374394
Conc: 227.44 ng/ml



#39 AR-1262-4

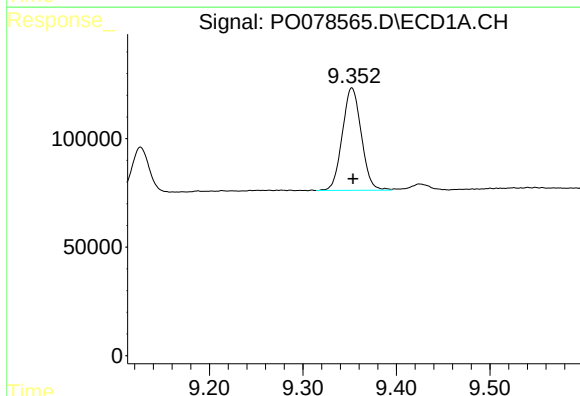
R.T.: 8.791 min
Delta R.T.: -0.016 min
Response: 926423
Conc: 298.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



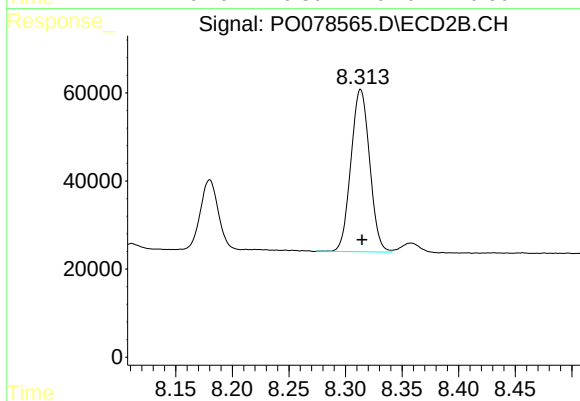
#39 AR-1262-4

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 1171740
Conc: 389.54 ng/ml



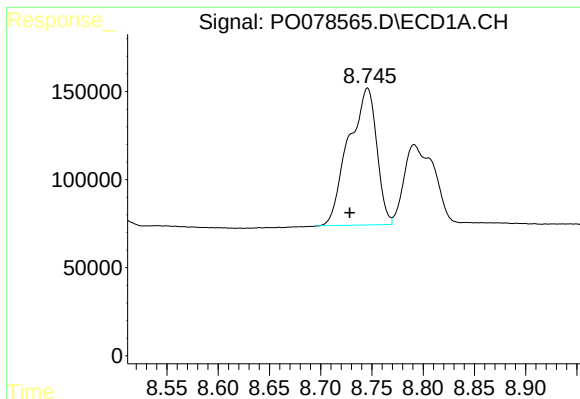
#40 AR-1262-5

R.T.: 9.352 min
Delta R.T.: -0.001 min
Response: 665483
Conc: 351.21 ng/ml



#40 AR-1262-5

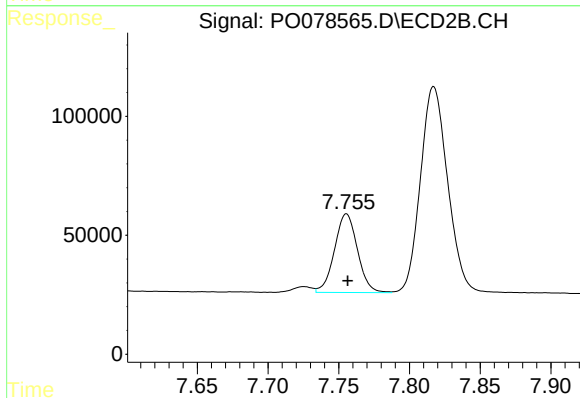
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 423749
Conc: 312.24 ng/ml



#41 AR-1268-1

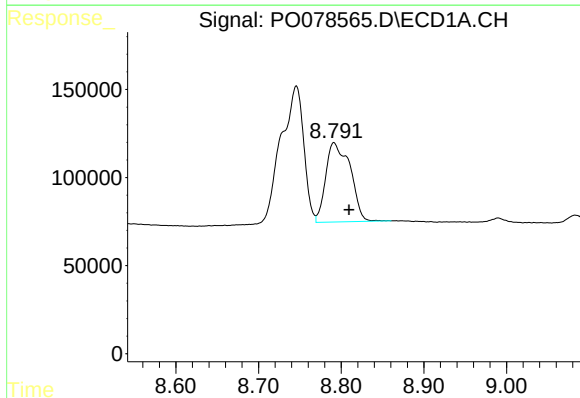
R.T.: 8.746 min
Delta R.T.: 0.017 min
Response: 1485836
Conc: 207.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



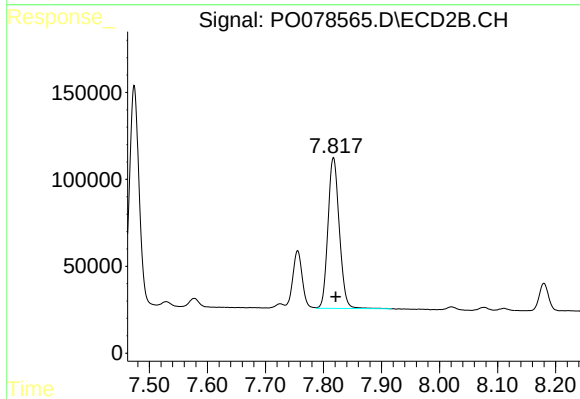
#41 AR-1268-1

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 374394
Conc: 82.43 ng/ml



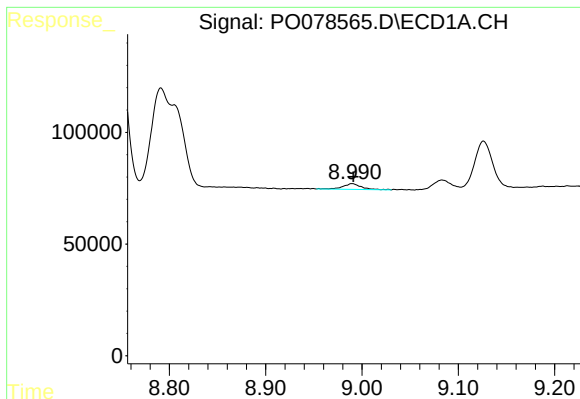
#42 AR-1268-2

R.T.: 8.791 min
Delta R.T.: -0.018 min
Response: 926423
Conc: 145.42 ng/ml



#42 AR-1268-2

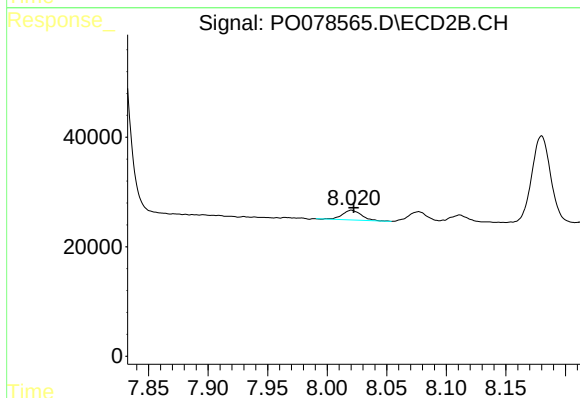
R.T.: 7.817 min
Delta R.T.: -0.004 min
Response: 1171740
Conc: 286.14 ng/ml



#43 AR-1268-3

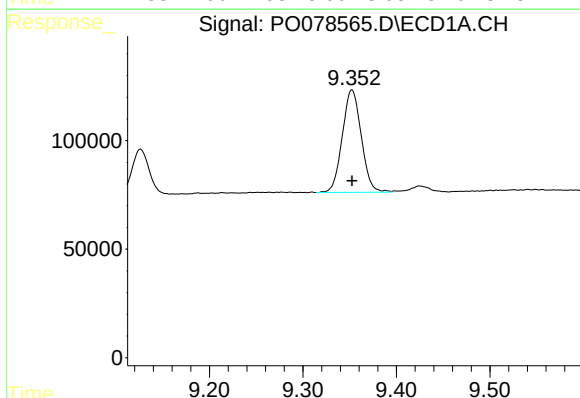
R.T.: 8.990 min
Delta R.T.: -0.001 min
Response: 33185
Conc: 6.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



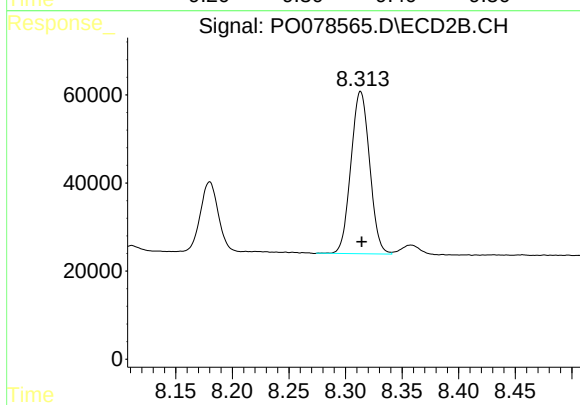
#43 AR-1268-3

R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 19832
Conc: 5.68 ng/ml



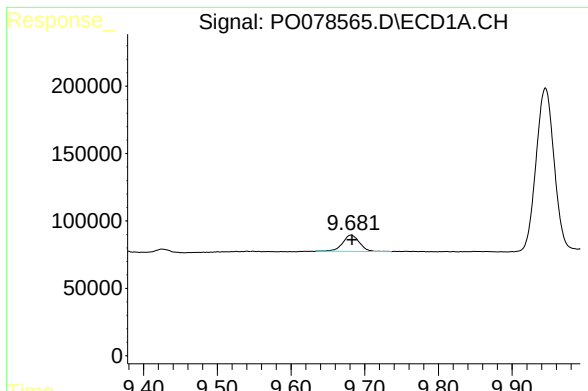
#44 AR-1268-4

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 665483
Conc: 336.16 ng/ml



#44 AR-1268-4

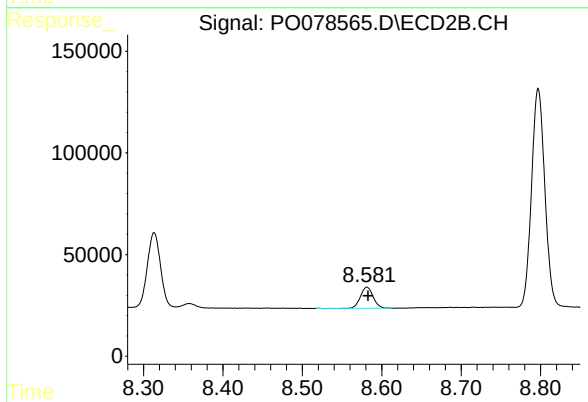
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 423749
Conc: 288.69 ng/ml



#45 AR-1268-5

R.T.: 9.681 min
Delta R.T.: -0.001 min
Response: 192364
Conc: 12.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.581 min
Delta R.T.: -0.002 min
Response: 114542
Conc: 11.06 ng/ml