

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062121\
 Data File : P0078982.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2021 15:04
 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 02:11:40 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...	4.331	3.603	3948322	1519799	50.028	51.136
2)	SA Decachlor...	9.939	8.786	3263888	1723559	52.260	57.840
Target Compounds							
3)	L1 AR-1016-1	5.628	4.830	1200970	494507	448.986	460.443
4)	L1 AR-1016-2	5.650	4.848	1924882	737536	470.907	460.323
5)	L1 AR-1016-3	5.714	5.036	1205633	394591	479.951	475.101
6)	L1 AR-1016-4	5.819	5.089	956412	355641	489.418	481.200
7)	L1 AR-1016-5	6.129	5.312	960660	408230	483.723	452.117
8)	L2 AR-1221-1	4.579	3.854	122813	48823	147.728	145.890
9)	L2 AR-1221-2	4.678	3.951	183864	70091	301.849	276.949
10)	L2 AR-1221-3	4.763	4.037	728090	283863	373.813	357.546
11)	L3 AR-1232-1	4.763	4.037	728090	283863	456.693	455.282
12)	L3 AR-1232-2	5.337	4.848	977943	737536	1217.501	1202.063
13)	L3 AR-1232-3	5.650	5.036	1924882	394591	1259.163	1328.204
14)	L3 AR-1232-4	5.819	5.131	956412	406233	1293.408	1455.372
15)	L3 AR-1232-5	5.918	5.312	814216	408230	1576.279	1328.189
16)	L4 AR-1242-1	5.628	4.830	1200970	494507	605.374	622.348
17)	L4 AR-1242-2	5.650	4.848	1924882	737536	647.173	634.816
18)	L4 AR-1242-3	5.714	5.036	1205633	394591	651.465	644.576
19)	L4 AR-1242-4	5.819	5.131	956412	406233	662.463	663.683
20)	L4 AR-1242-5	6.589	5.685	130632	396096	84.553	506.531 #
21)	L5 AR-1248-1	5.628	4.830	1200970	494507	760.345	776.702
22)	L5 AR-1248-2	5.918	5.089	814216	355641	368.046	360.260
23)	L5 AR-1248-3	6.129	5.131	960660	406233	370.468	409.188
24)	L5 AR-1248-4	6.551	5.312	158634	408230	57.235	347.667 #
25)	L5 AR-1248-5	6.589	5.728	130632	55430	47.814	51.478
26)	L6 AR-1254-1	6.521	5.685	680177	396096	252.522	238.413
27)	L6 AR-1254-2	6.748	5.844	685876	363886	163.521	246.918 #
28)	L6 AR-1254-3	7.124	6.273f	353536	718511	79.382	323.040 #
29)	L6 AR-1254-4	7.416	6.494	291816	97304	94.839	71.564
30)	L6 AR-1254-5	7.839	6.916	2124810	1124825	650.917	564.909
31)	L7 AR-1260-1	7.289	6.391	1547668	963701	464.512	595.374 #
32)	L7 AR-1260-2	7.553	6.588	1926471	1086412	495.661	560.659
33)	L7 AR-1260-3	7.913	6.738	1274052	995885	420.876	540.882 #
34)	L7 AR-1260-4	8.139	7.214	1486598	817014	453.984	536.283
35)	L7 AR-1260-5	8.452	7.463	2859933	1869833	446.596	528.041
36)	L8 AR-1262-1	7.913	6.916	1274052	1124825	310.103	1079.030 #
37)	L8 AR-1262-2	8.452	7.463	2859933	1869833	429.507	529.869
38)	L8 AR-1262-3	8.741f	7.744	1748732	438392	382.823	305.837
39)	L8 AR-1262-4	8.787	7.806	1141104	1346775	306.558	500.735 #
40)	L8 AR-1262-5	9.348	8.303	826794	485120	341.243	400.554
41)	L9 AR-1268-1	8.741f	7.744	1748732	438392	215.916	99.817 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

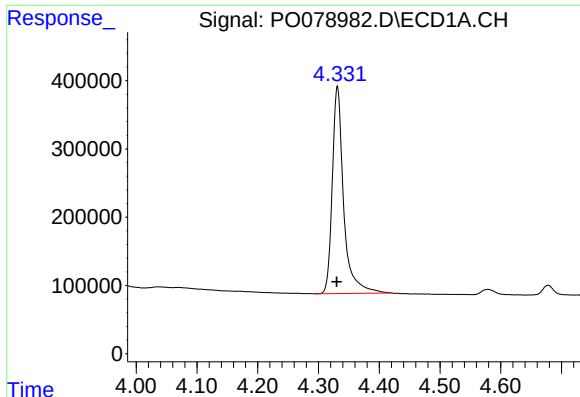
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:11:40 2021
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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	8.787f	7.806	1141104	1346775	152.613	341.090 #
43) L9	AR-1268-3	8.985	8.009	33681	21922	5.268	6.440
44) L9	AR-1268-4	9.348	8.303	826794	485120	321.223	339.433
45) L9	AR-1268-5	9.677	8.570	242015	138099	12.079	13.397

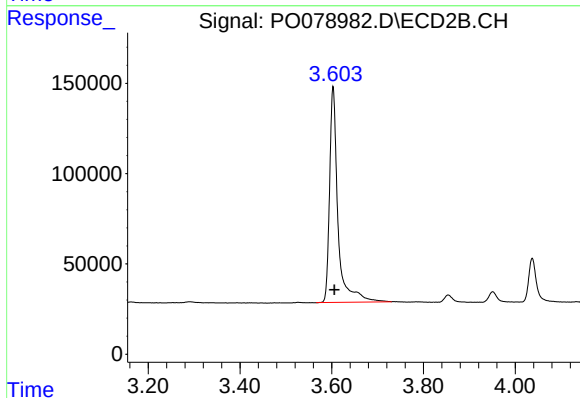
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

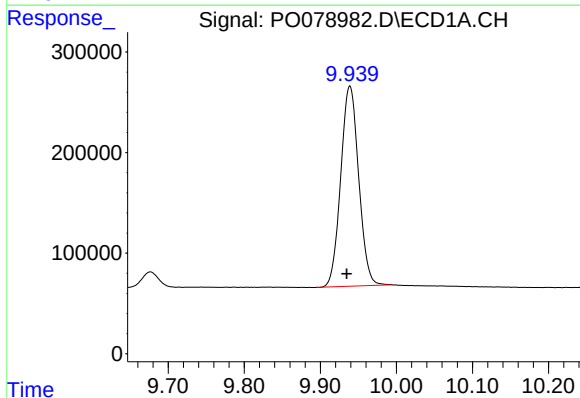
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 3948322
Conc: 50.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



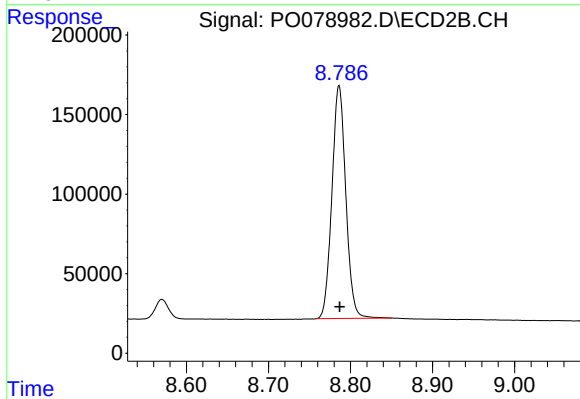
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 1519799
Conc: 51.14 ng/ml



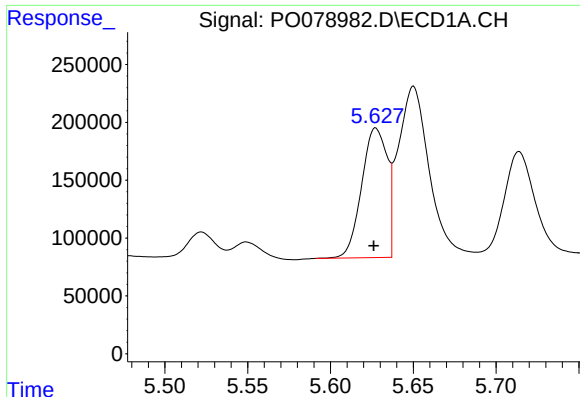
#2 Decachlorobiphenyl

R.T.: 9.939 min
Delta R.T.: 0.004 min
Response: 3263888
Conc: 52.26 ng/ml



#2 Decachlorobiphenyl

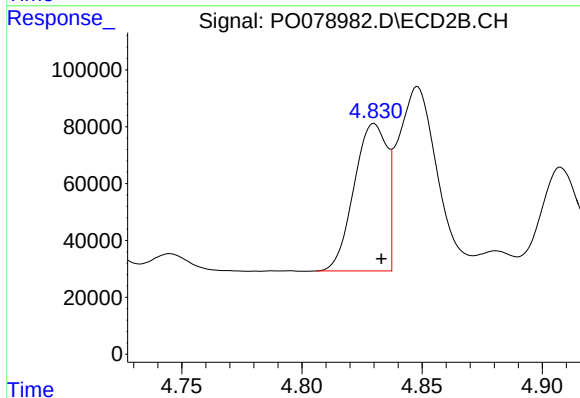
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 1723559
Conc: 57.84 ng/ml



#3 AR-1016-1

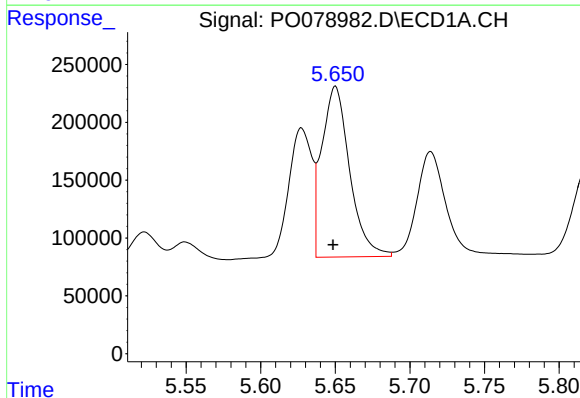
R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 1200970
Conc: 448.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



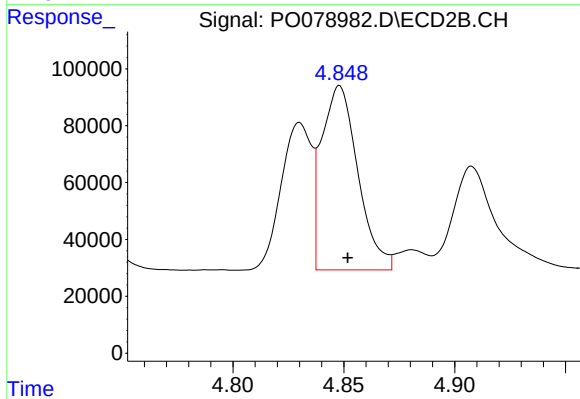
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 494507
Conc: 460.44 ng/ml



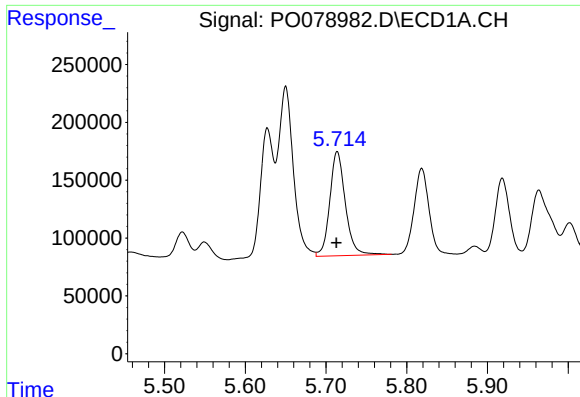
#4 AR-1016-2

R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 1924882
Conc: 470.91 ng/ml



#4 AR-1016-2

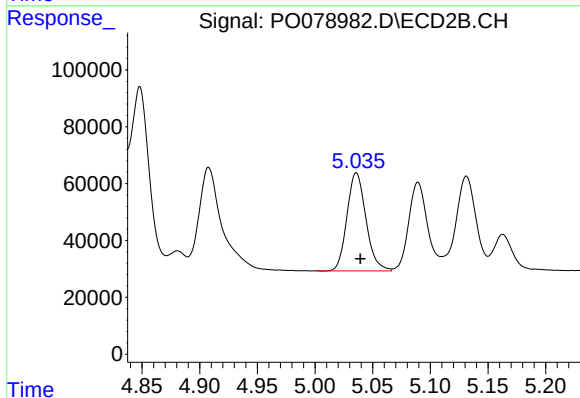
R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 737536
Conc: 460.32 ng/ml



#5 AR-1016-3

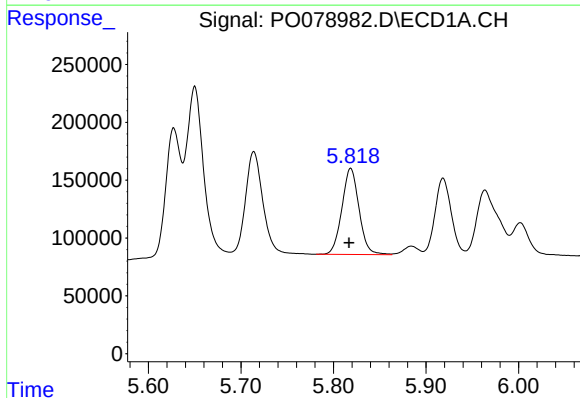
R.T.: 5.714 min
Delta R.T.: 0.001 min
Response: 1205633
Conc: 479.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



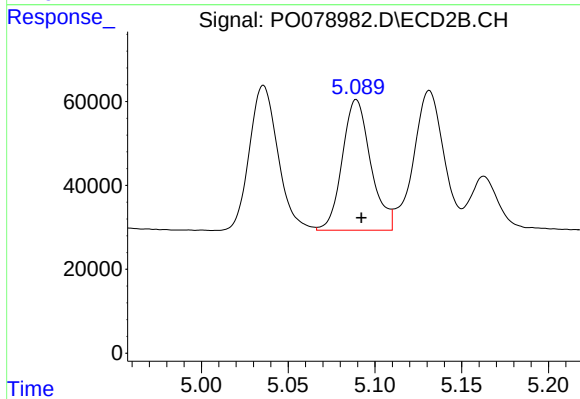
#5 AR-1016-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 394591
Conc: 475.10 ng/ml



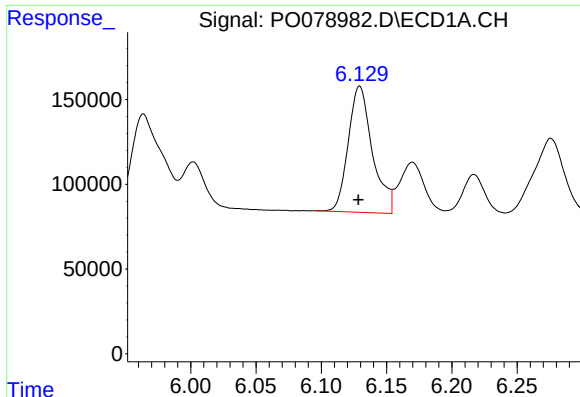
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 956412
Conc: 489.42 ng/ml



#6 AR-1016-4

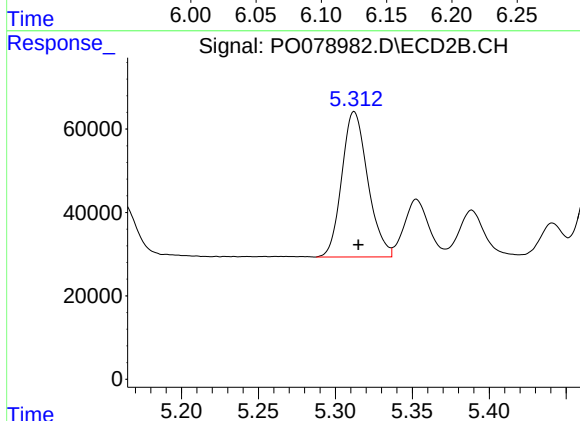
R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 355641
Conc: 481.20 ng/ml



#7 AR-1016-5

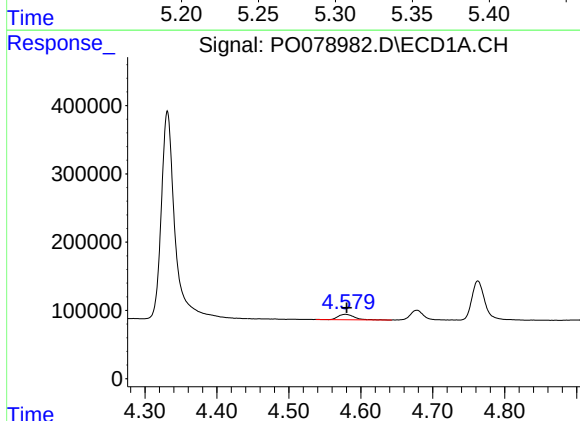
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 960660
Conc: 483.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



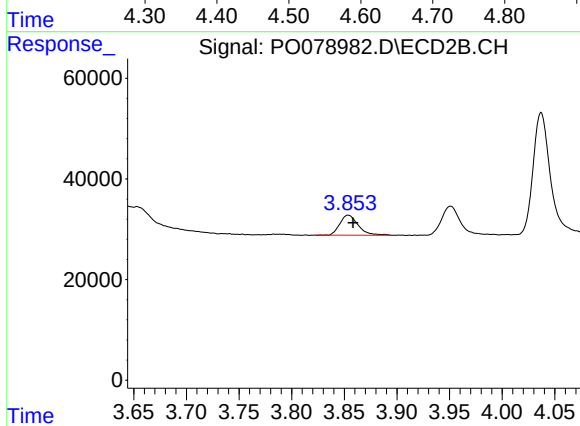
#7 AR-1016-5

R.T.: 5.312 min
Delta R.T.: -0.003 min
Response: 408230
Conc: 452.12 ng/ml



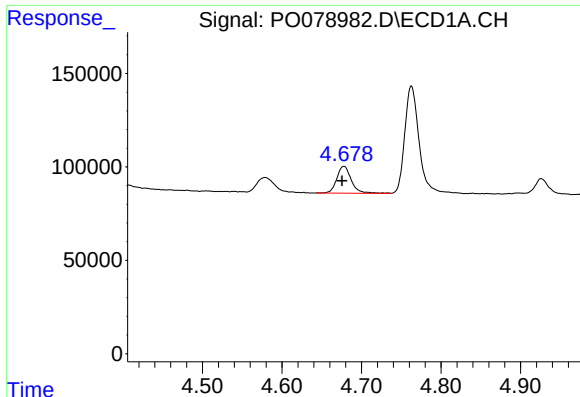
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 122813
Conc: 147.73 ng/ml



#8 AR-1221-1

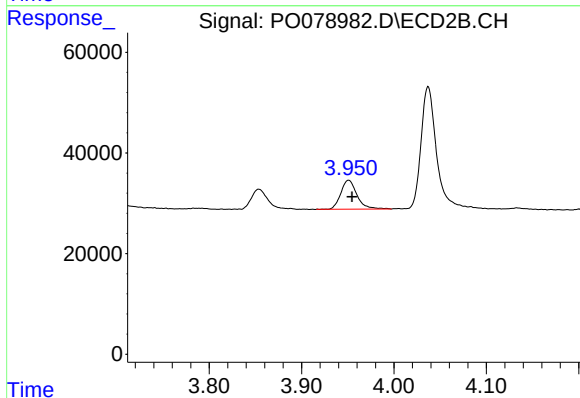
R.T.: 3.854 min
Delta R.T.: -0.005 min
Response: 48823
Conc: 145.89 ng/ml



#9 AR-1221-2

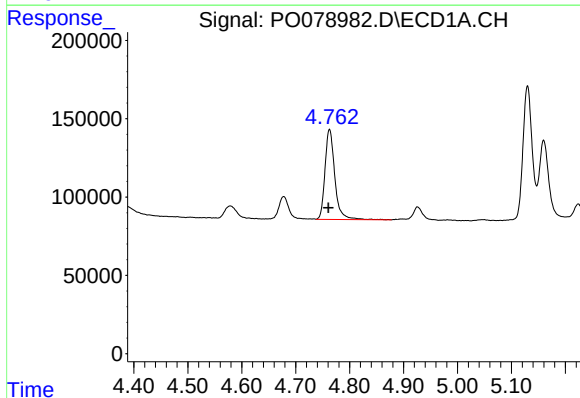
R.T.: 4.678 min
Delta R.T.: 0.002 min
Response: 183864
Conc: 301.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



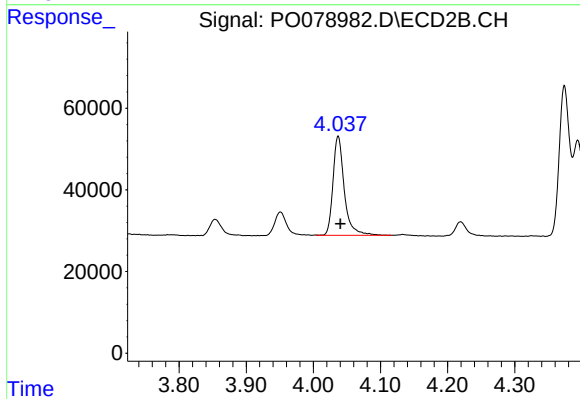
#9 AR-1221-2

R.T.: 3.951 min
Delta R.T.: -0.004 min
Response: 70091
Conc: 276.95 ng/ml



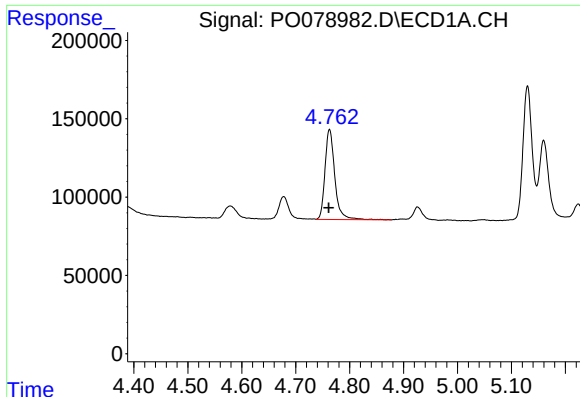
#10 AR-1221-3

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 728090
Conc: 373.81 ng/ml



#10 AR-1221-3

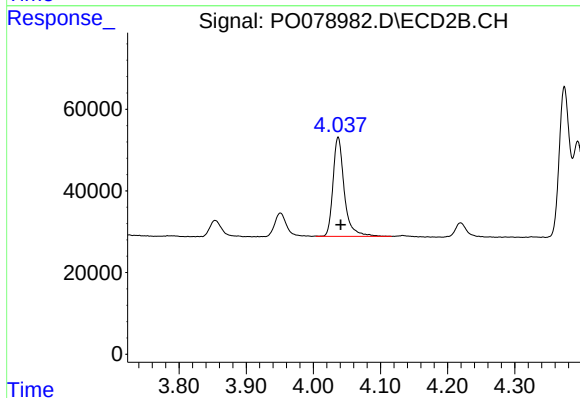
R.T.: 4.037 min
Delta R.T.: -0.003 min
Response: 283863
Conc: 357.55 ng/ml



#11 AR-1232-1

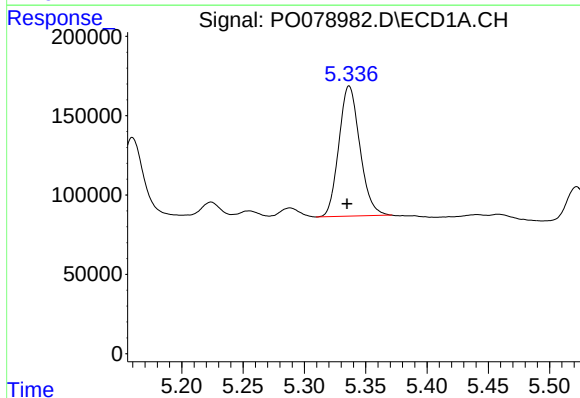
R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 728090
Conc: 456.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



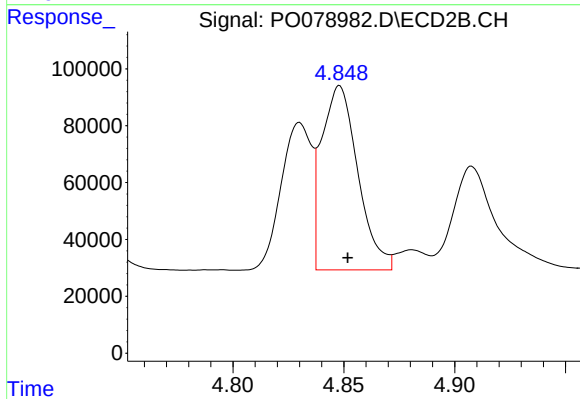
#11 AR-1232-1

R.T.: 4.037 min
Delta R.T.: -0.004 min
Response: 283863
Conc: 455.28 ng/ml



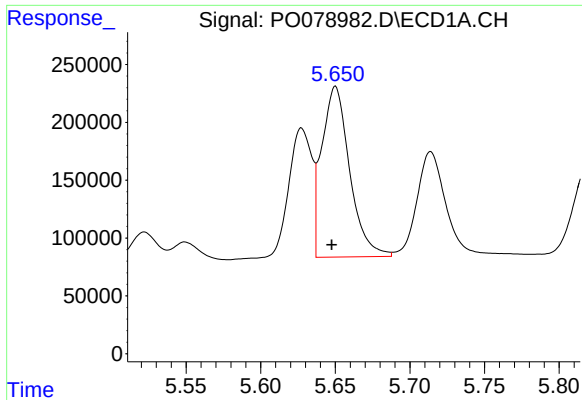
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: 0.002 min
Response: 977943
Conc: 1217.50 ng/ml



#12 AR-1232-2

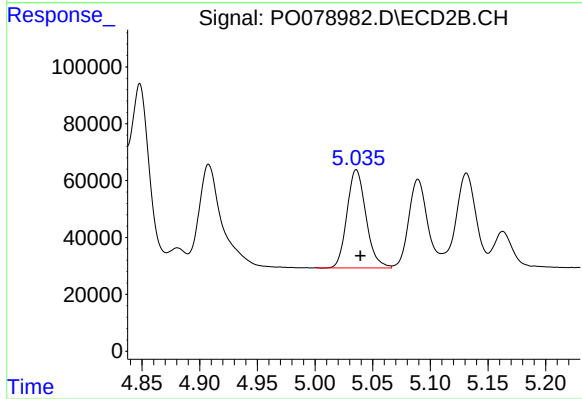
R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 737536
Conc: 1202.06 ng/ml



#13 AR-1232-3

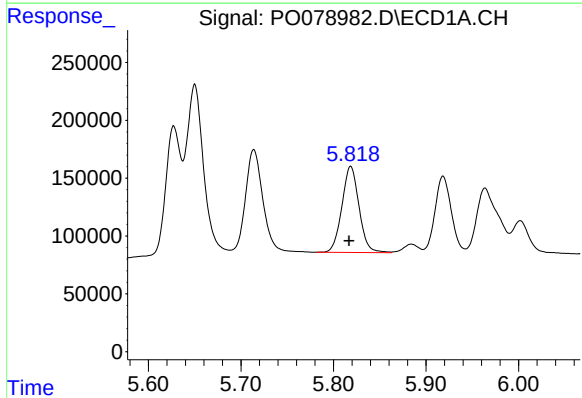
R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 1924882
Conc: 1259.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



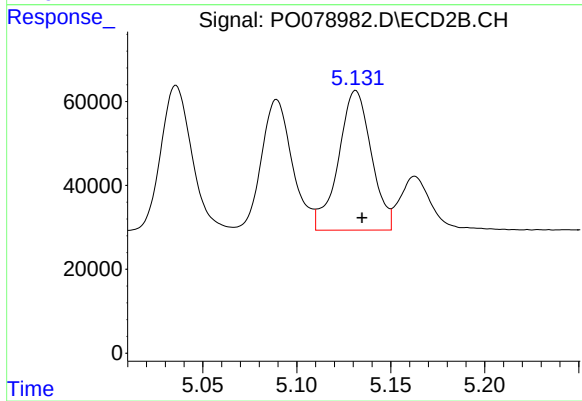
#13 AR-1232-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 394591
Conc: 1328.20 ng/ml



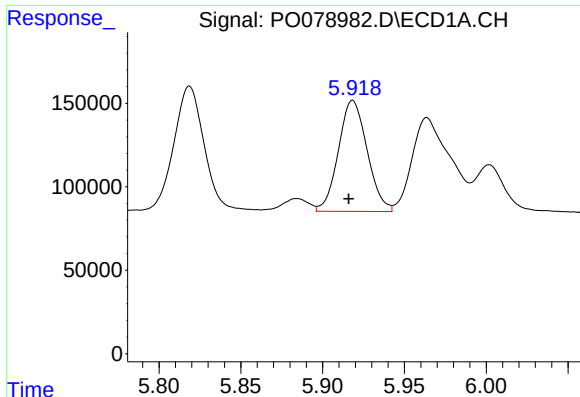
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 956412
Conc: 1293.41 ng/ml



#14 AR-1232-4

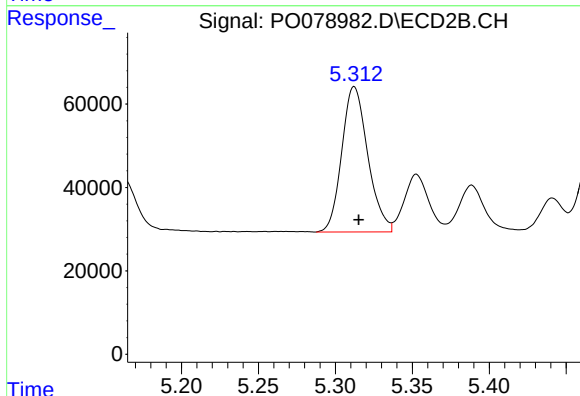
R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 406233
Conc: 1455.37 ng/ml



#15 AR-1232-5

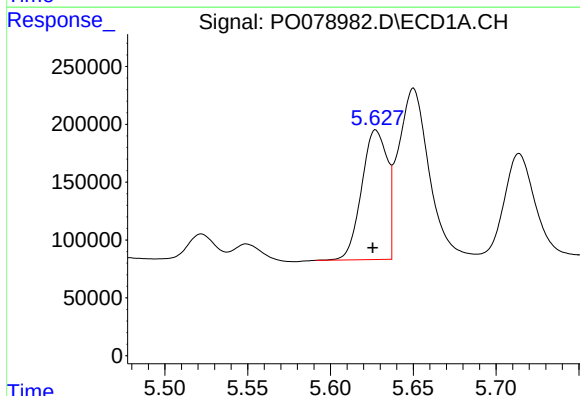
R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 814216
Conc: 1576.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



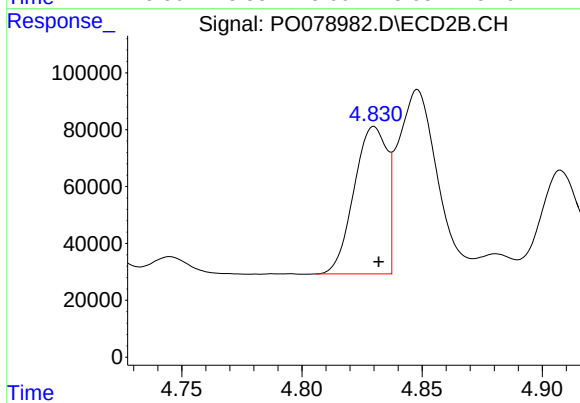
#15 AR-1232-5

R.T.: 5.312 min
Delta R.T.: -0.003 min
Response: 408230
Conc: 1328.19 ng/ml



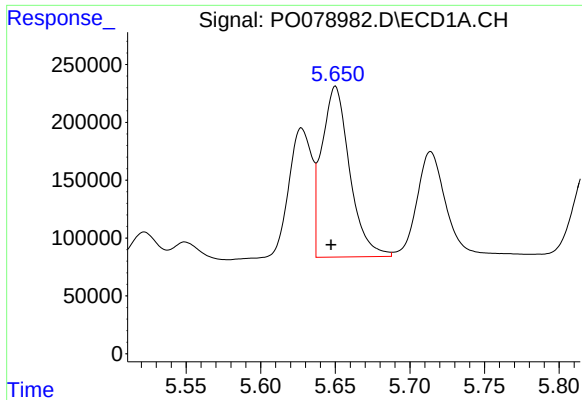
#16 AR-1242-1

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 1200970
Conc: 605.37 ng/ml



#16 AR-1242-1

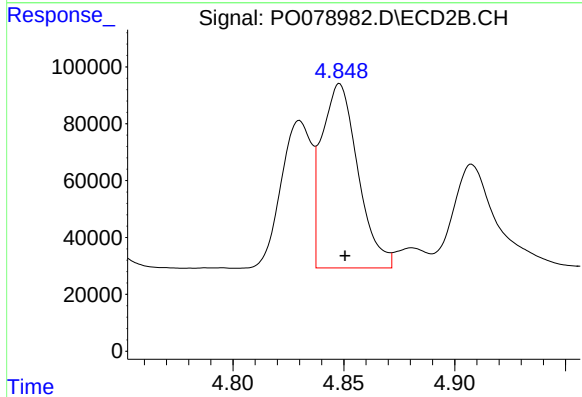
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 494507
Conc: 622.35 ng/ml



#17 AR-1242-2

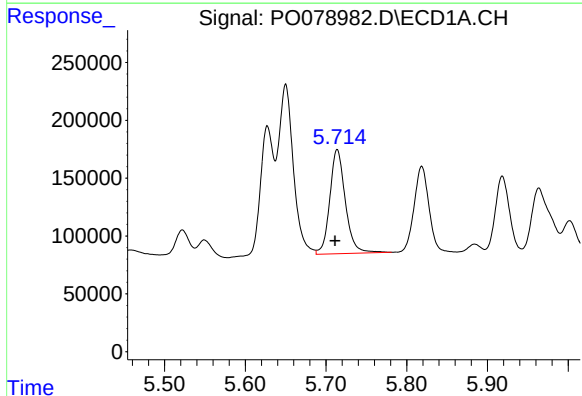
R.T.: 5.650 min
Delta R.T.: 0.003 min
Response: 1924882
Conc: 647.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



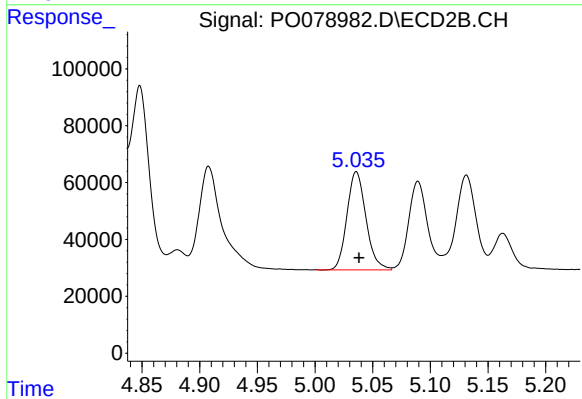
#17 AR-1242-2

R.T.: 4.848 min
Delta R.T.: -0.002 min
Response: 737536
Conc: 634.82 ng/ml



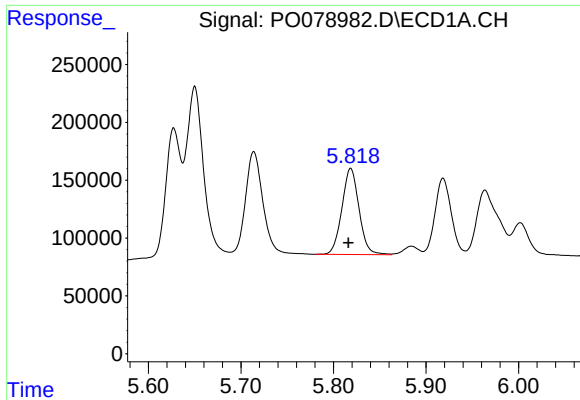
#18 AR-1242-3

R.T.: 5.714 min
Delta R.T.: 0.003 min
Response: 1205633
Conc: 651.46 ng/ml



#18 AR-1242-3

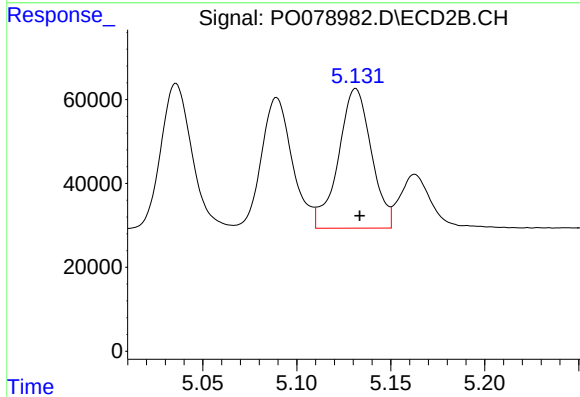
R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 394591
Conc: 644.58 ng/ml



#19 AR-1242-4

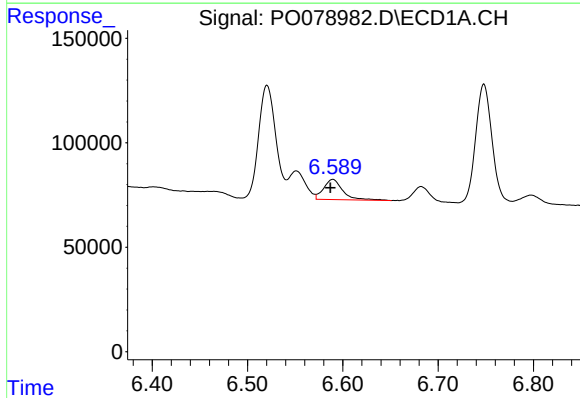
R.T.: 5.819 min
Delta R.T.: 0.003 min
Response: 956412
Conc: 662.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



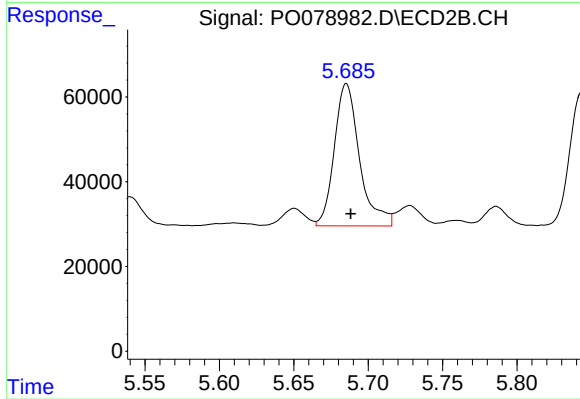
#19 AR-1242-4

R.T.: 5.131 min
Delta R.T.: -0.002 min
Response: 406233
Conc: 663.68 ng/ml



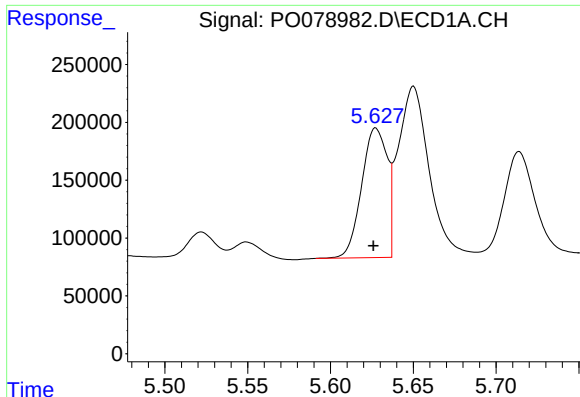
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: 0.002 min
Response: 130632
Conc: 84.55 ng/ml



#20 AR-1242-5

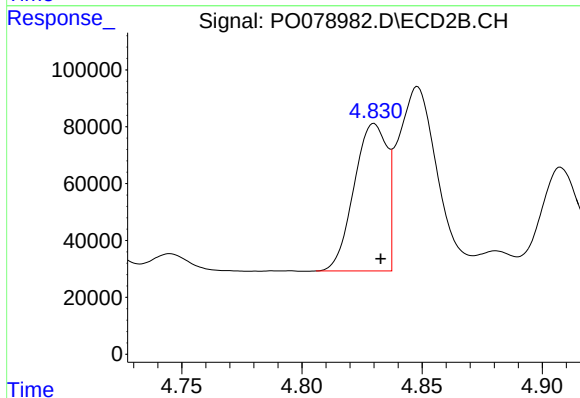
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 396096
Conc: 506.53 ng/ml



#21 AR-1248-1

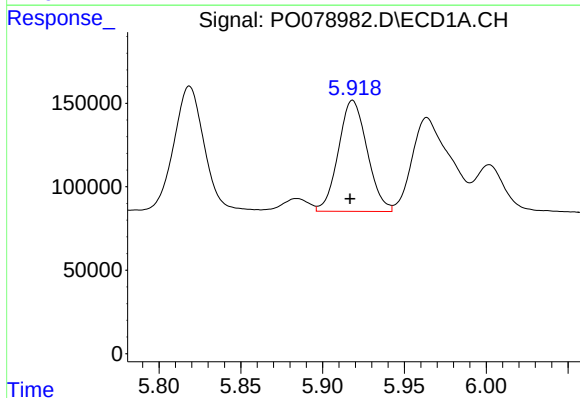
R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 1200970
Conc: 760.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



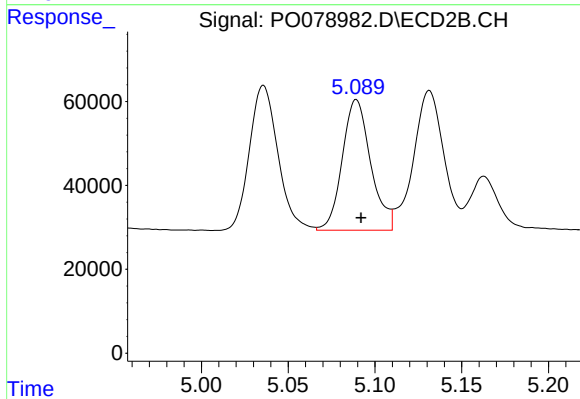
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 494507
Conc: 776.70 ng/ml



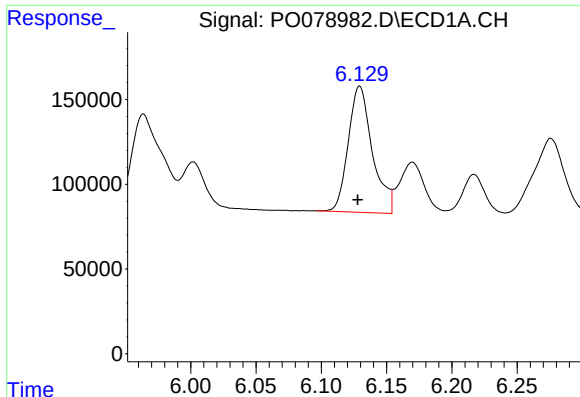
#22 AR-1248-2

R.T.: 5.918 min
Delta R.T.: 0.002 min
Response: 814216
Conc: 368.05 ng/ml



#22 AR-1248-2

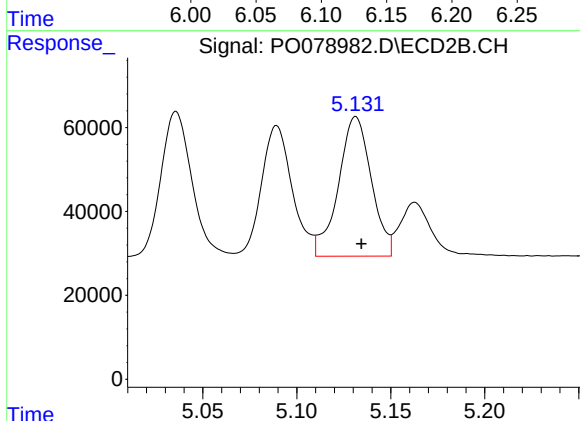
R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 355641
Conc: 360.26 ng/ml



#23 AR-1248-3

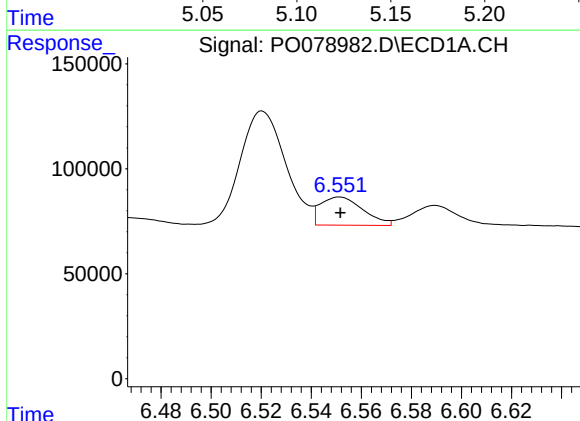
R.T.: 6.129 min
Delta R.T.: 0.001 min
Response: 960660
Conc: 370.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



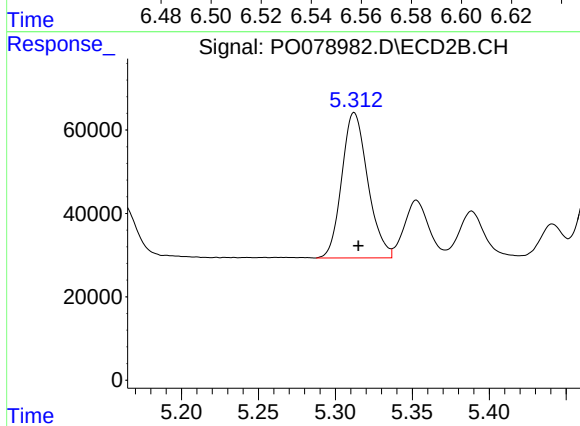
#23 AR-1248-3

R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 406233
Conc: 409.19 ng/ml



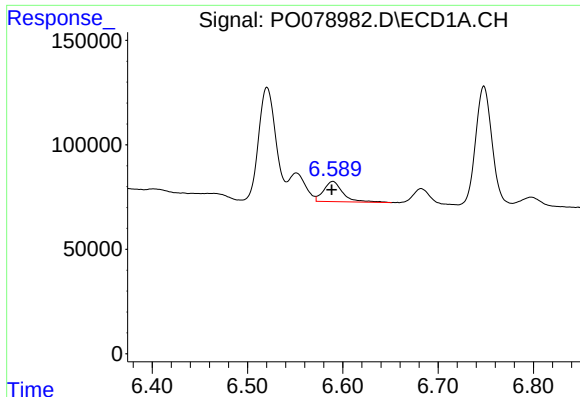
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 158634
Conc: 57.24 ng/ml



#24 AR-1248-4

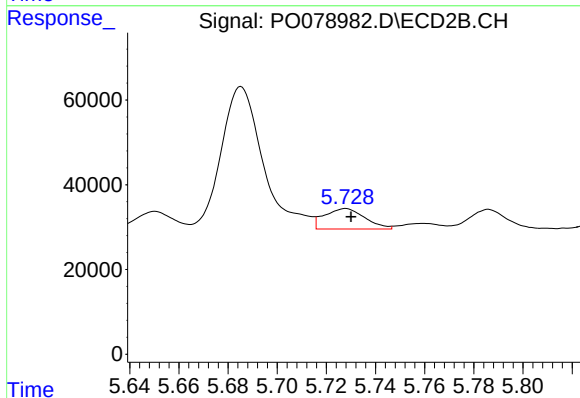
R.T.: 5.312 min
Delta R.T.: -0.003 min
Response: 408230
Conc: 347.67 ng/ml



#25 AR-1248-5

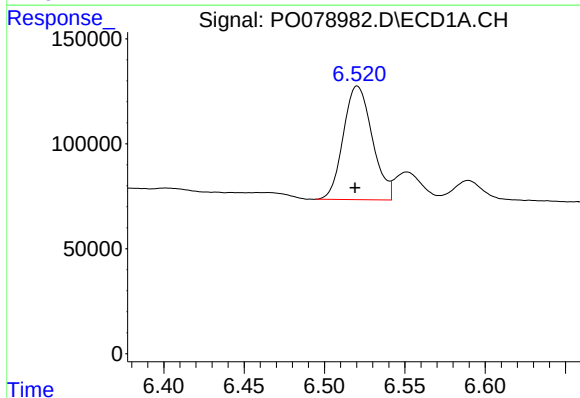
R.T.: 6.589 min
Delta R.T.: 0.001 min
Response: 130632
Conc: 47.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



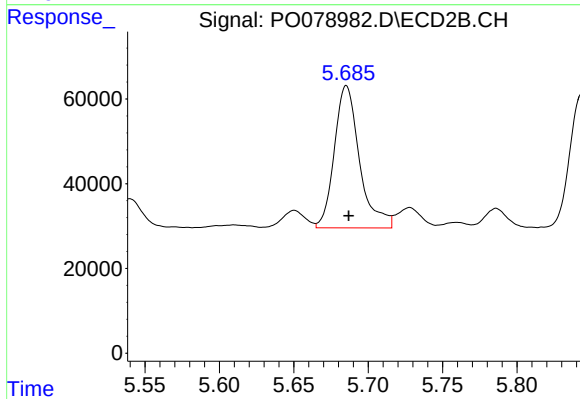
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 55430
Conc: 51.48 ng/ml



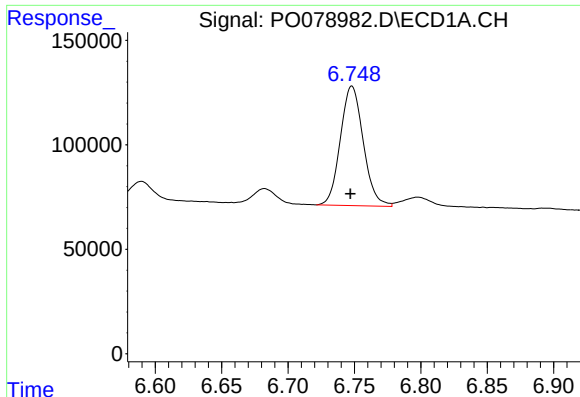
#26 AR-1254-1

R.T.: 6.521 min
Delta R.T.: 0.002 min
Response: 680177
Conc: 252.52 ng/ml



#26 AR-1254-1

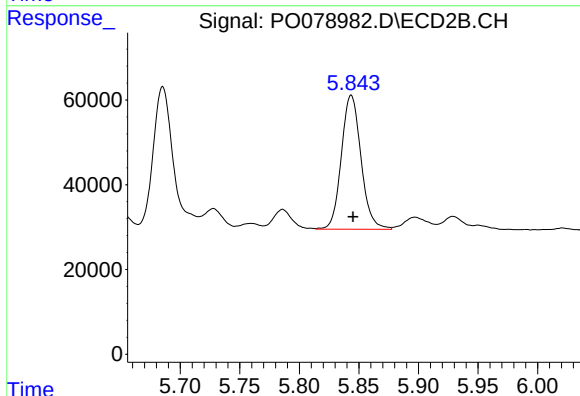
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 396096
Conc: 238.41 ng/ml



#27 AR-1254-2

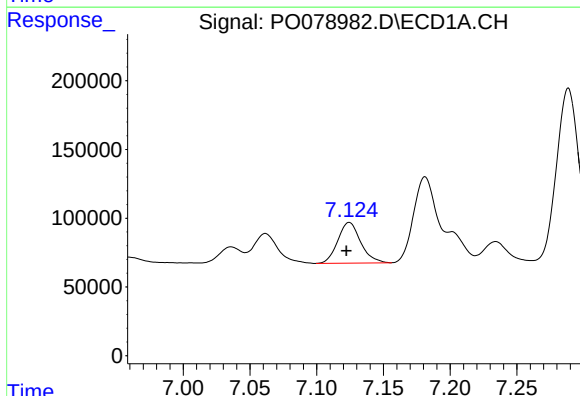
R.T.: 6.748 min
Delta R.T.: 0.001 min
Response: 685876
Conc: 163.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



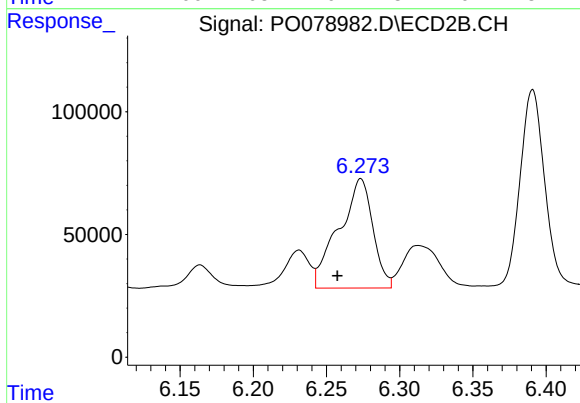
#27 AR-1254-2

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 363886
Conc: 246.92 ng/ml



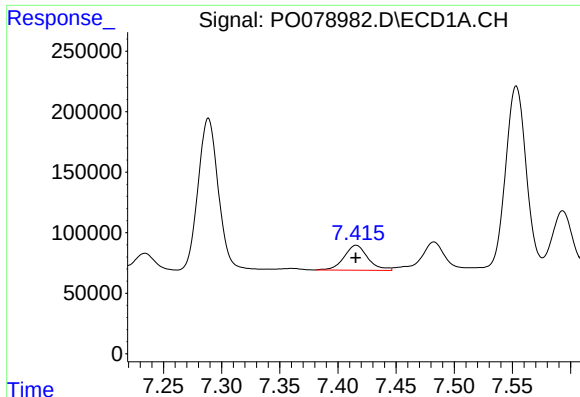
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: 0.002 min
Response: 353536
Conc: 79.38 ng/ml



#28 AR-1254-3

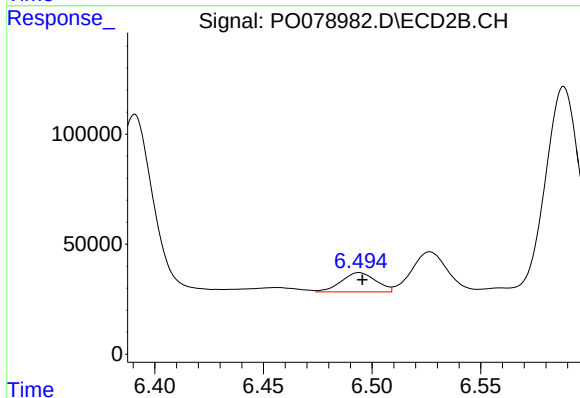
R.T.: 6.273 min
Delta R.T.: 0.016 min
Response: 718511
Conc: 323.04 ng/ml



#29 AR-1254-4

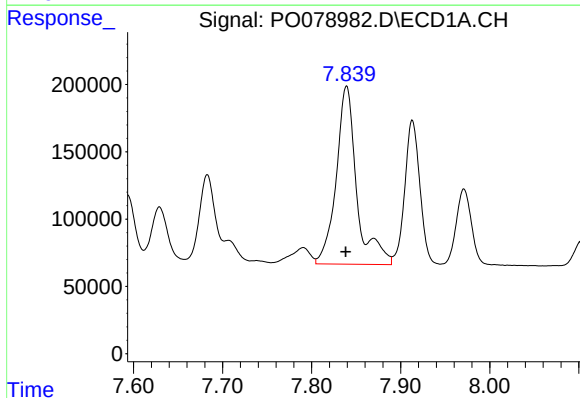
R.T.: 7.416 min
Delta R.T.: 0.000 min
Response: 291816
Conc: 94.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



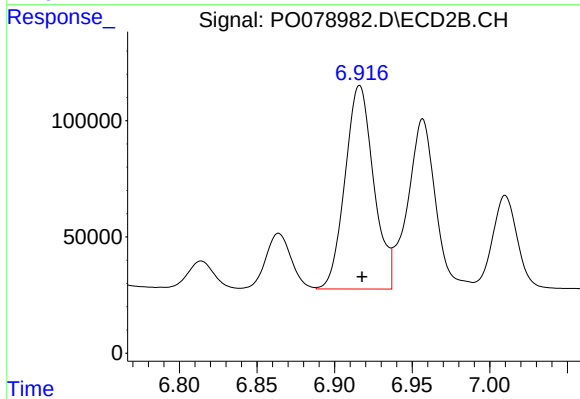
#29 AR-1254-4

R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 97304
Conc: 71.56 ng/ml



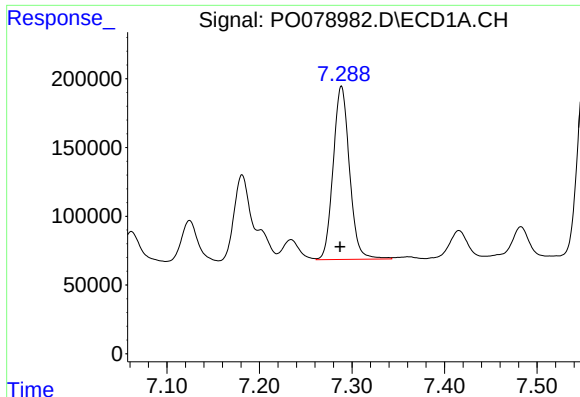
#30 AR-1254-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 2124810
Conc: 650.92 ng/ml



#30 AR-1254-5

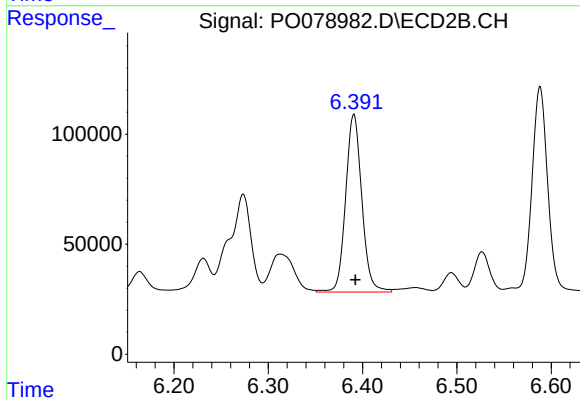
R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 1124825
Conc: 564.91 ng/ml



#31 AR-1260-1

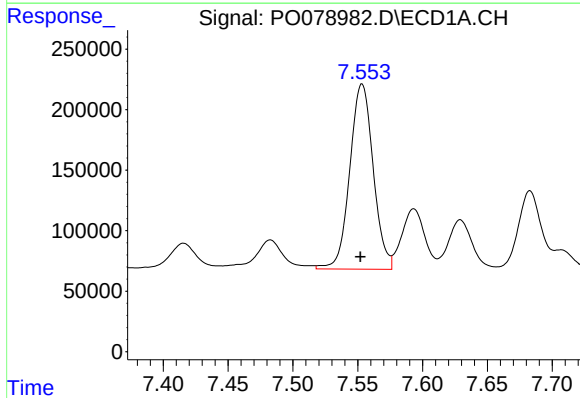
R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 1547668
Conc: 464.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



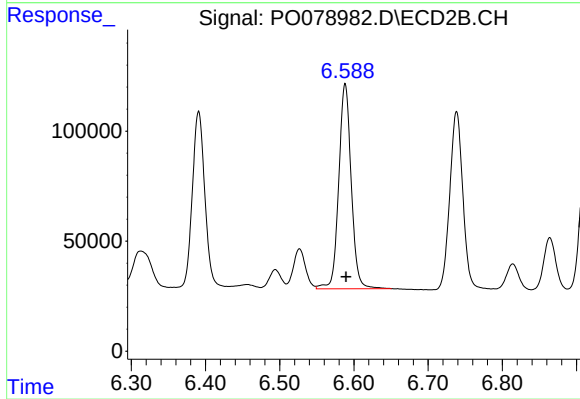
#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 963701
Conc: 595.37 ng/ml



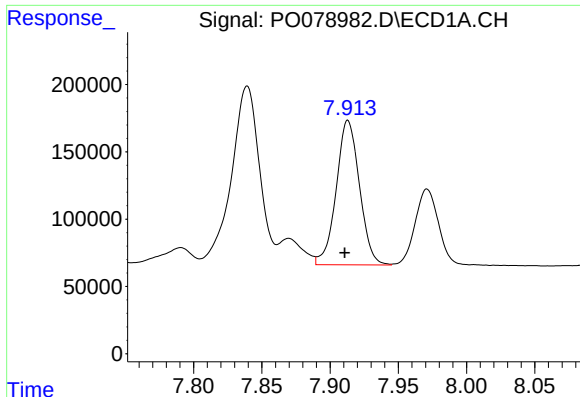
#32 AR-1260-2

R.T.: 7.553 min
Delta R.T.: 0.001 min
Response: 1926471
Conc: 495.66 ng/ml



#32 AR-1260-2

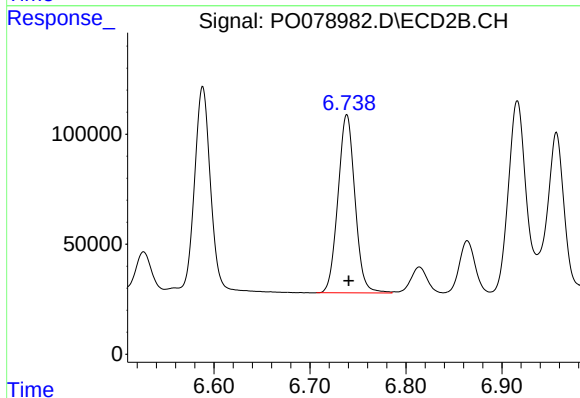
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 1086412
Conc: 560.66 ng/ml



#33 AR-1260-3

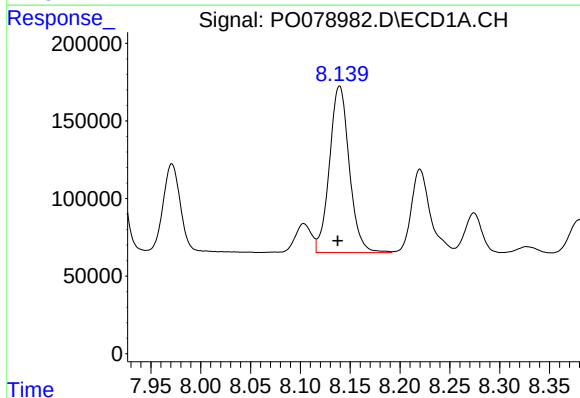
R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 1274052
Conc: 420.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



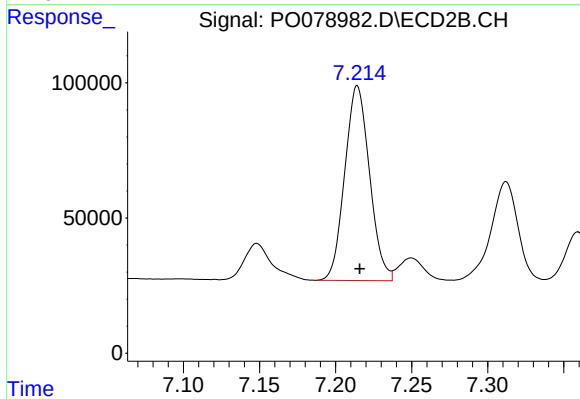
#33 AR-1260-3

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 995885
Conc: 540.88 ng/ml



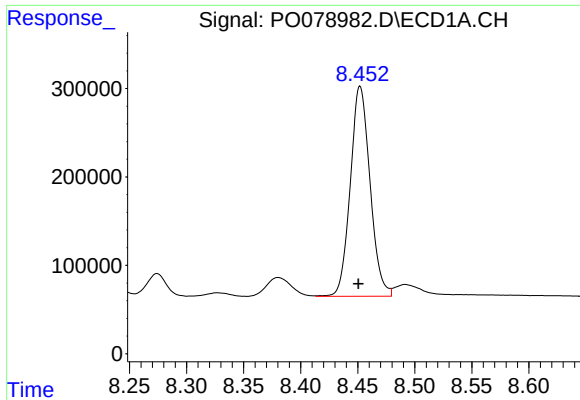
#34 AR-1260-4

R.T.: 8.139 min
Delta R.T.: 0.002 min
Response: 1486598
Conc: 453.98 ng/ml



#34 AR-1260-4

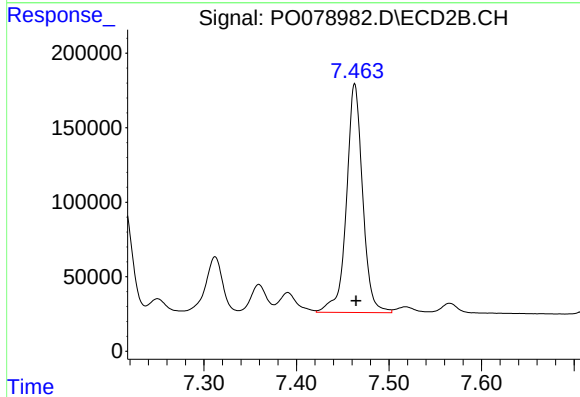
R.T.: 7.214 min
Delta R.T.: -0.002 min
Response: 817014
Conc: 536.28 ng/ml



#35 AR-1260-5

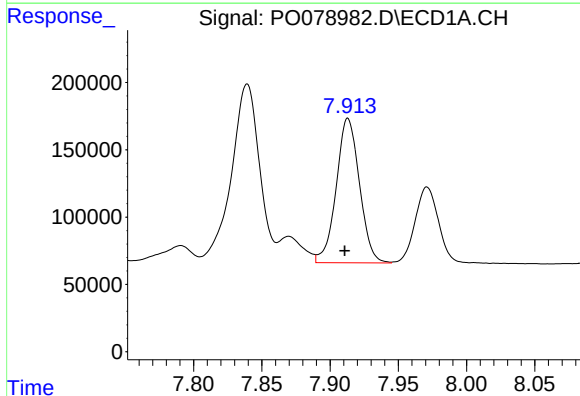
R.T.: 8.452 min
Delta R.T.: 0.002 min
Response: 2859933
Conc: 446.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



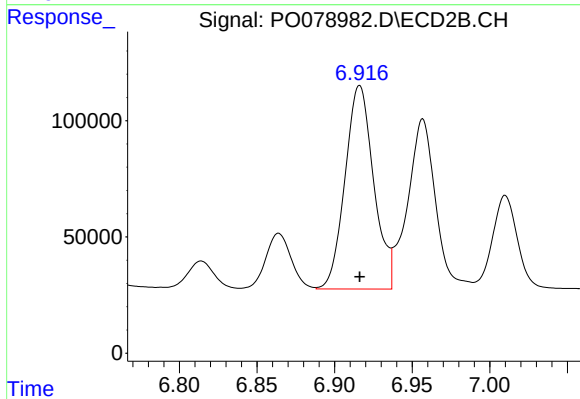
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 1869833
Conc: 528.04 ng/ml



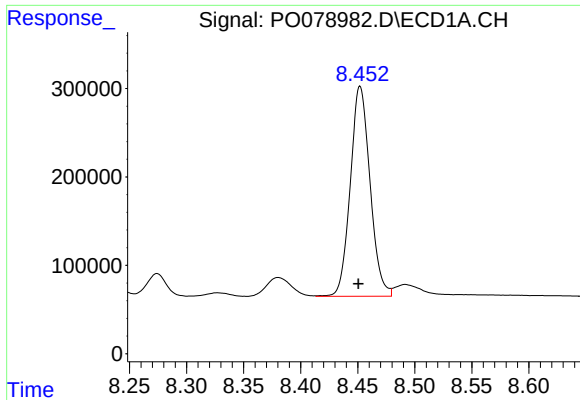
#36 AR-1262-1

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 1274052
Conc: 310.10 ng/ml



#36 AR-1262-1

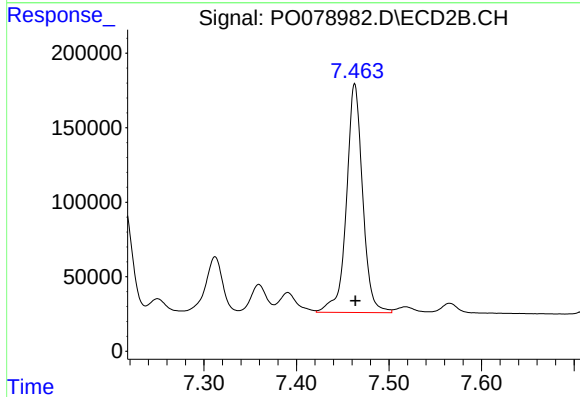
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 1124825
Conc: 1079.03 ng/ml



#37 AR-1262-2

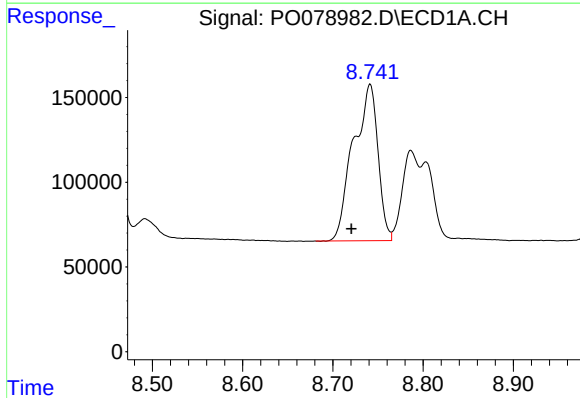
R.T.: 8.452 min
Delta R.T.: 0.002 min
Response: 2859933
Conc: 429.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



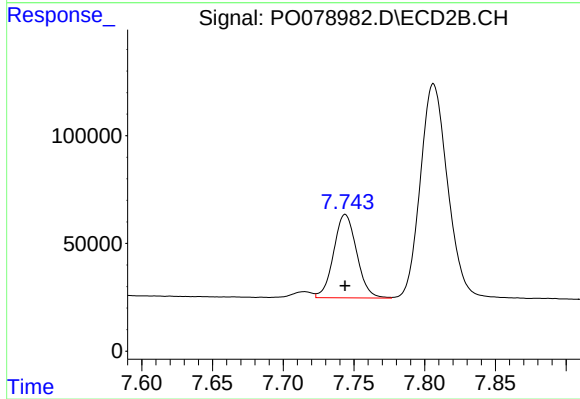
#37 AR-1262-2

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 1869833
Conc: 529.87 ng/ml



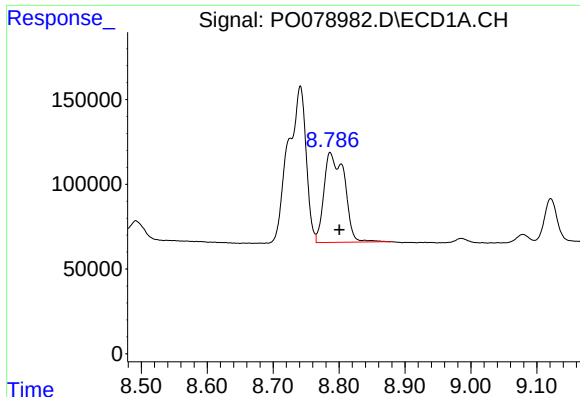
#38 AR-1262-3

R.T.: 8.741 min
Delta R.T.: 0.021 min
Response: 1748732
Conc: 382.82 ng/ml



#38 AR-1262-3

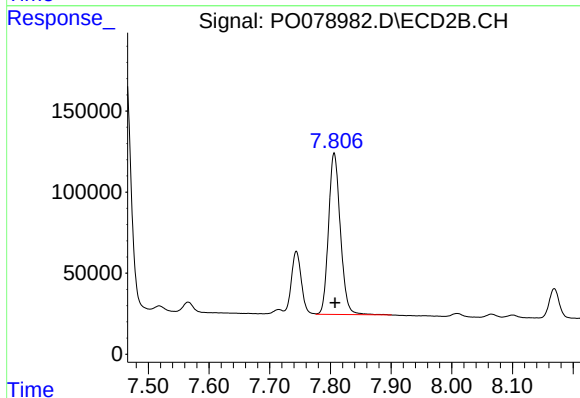
R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 438392
Conc: 305.84 ng/ml



#39 AR-1262-4

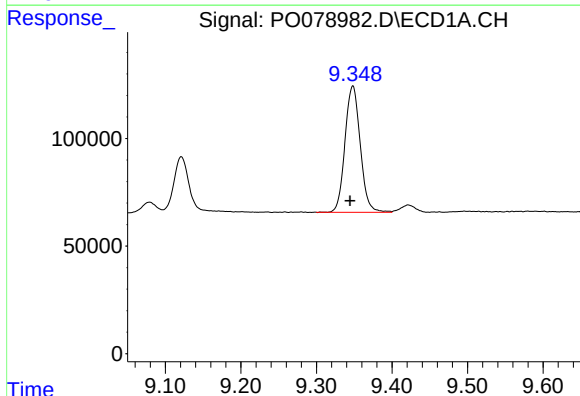
R.T.: 8.787 min
Delta R.T.: -0.014 min
Response: 1141104
Conc: 306.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



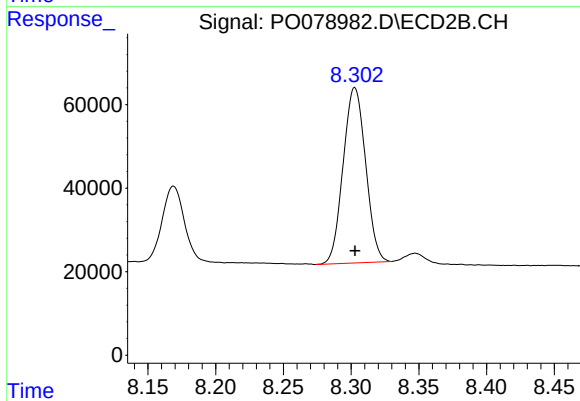
#39 AR-1262-4

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1346775
Conc: 500.73 ng/ml



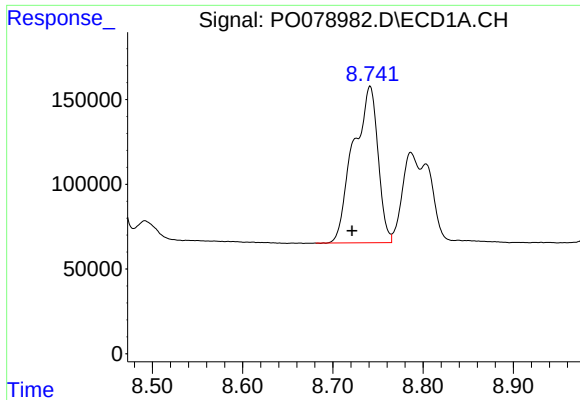
#40 AR-1262-5

R.T.: 9.348 min
Delta R.T.: 0.004 min
Response: 826794
Conc: 341.24 ng/ml



#40 AR-1262-5

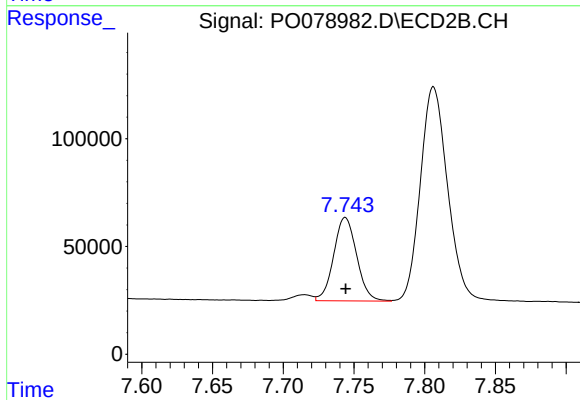
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 485120
Conc: 400.55 ng/ml



#41 AR-1268-1

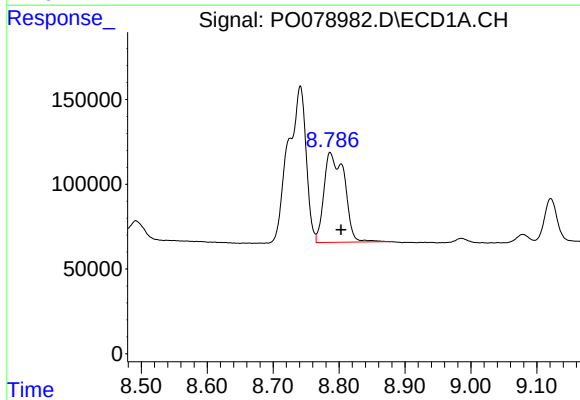
R.T.: 8.741 min
Delta R.T.: 0.020 min
Response: 1748732
Conc: 215.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



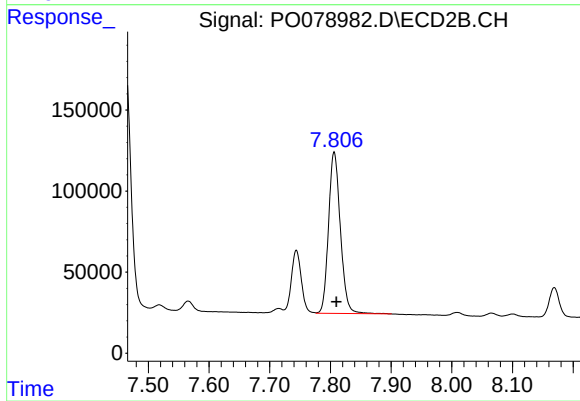
#41 AR-1268-1

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 438392
Conc: 99.82 ng/ml



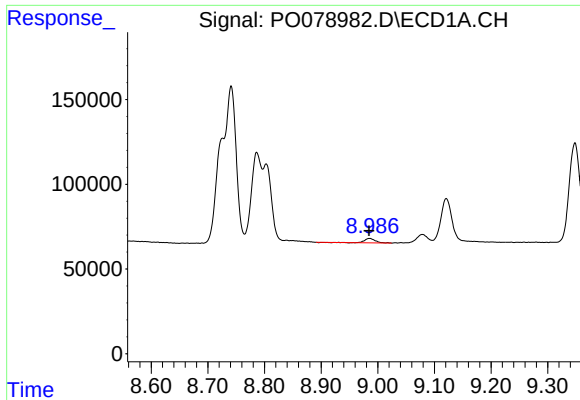
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: -0.016 min
Response: 1141104
Conc: 152.61 ng/ml



#42 AR-1268-2

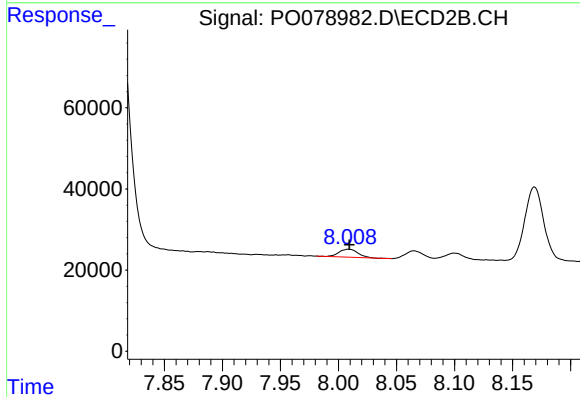
R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 1346775
Conc: 341.09 ng/ml



#43 AR-1268-3

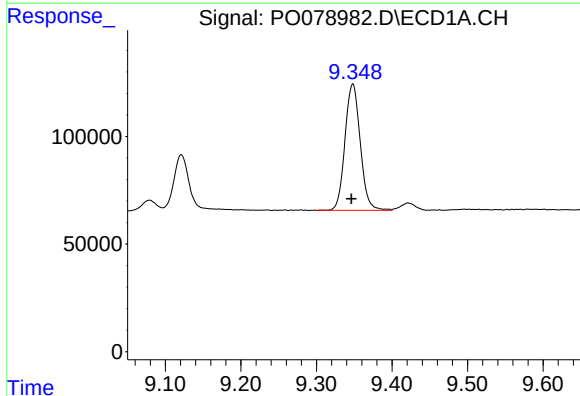
R.T.: 8.985 min
Delta R.T.: 0.001 min
Response: 33681
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



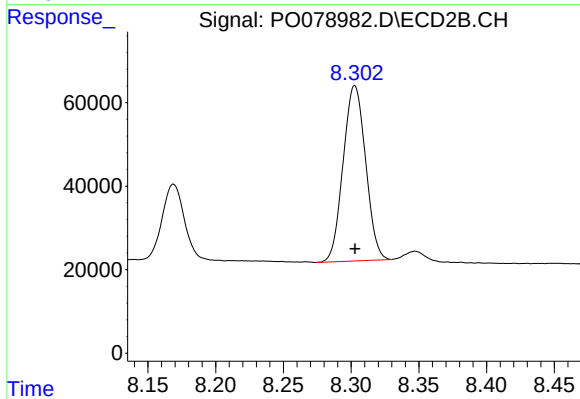
#43 AR-1268-3

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 21922
Conc: 6.44 ng/ml



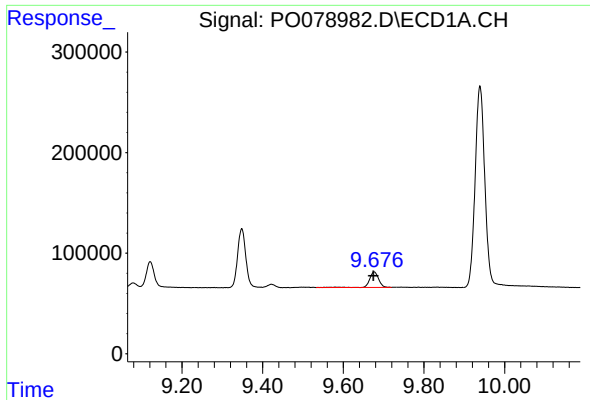
#44 AR-1268-4

R.T.: 9.348 min
Delta R.T.: 0.002 min
Response: 826794
Conc: 321.22 ng/ml



#44 AR-1268-4

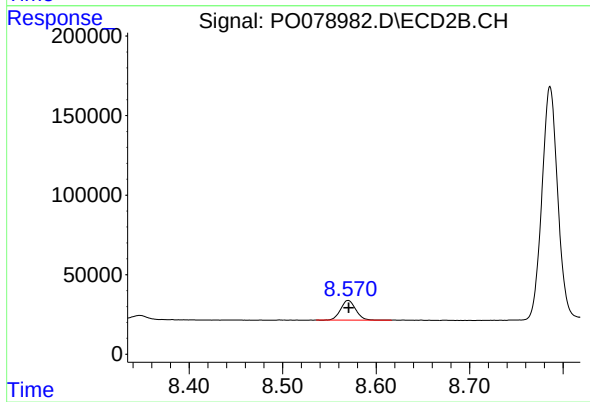
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 485120
Conc: 339.43 ng/ml



#45 AR-1268-5

R.T.: 9.677 min
Delta R.T.: 0.002 min
Response: 242015
Conc: 12.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 138099
Conc: 13.40 ng/ml