

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100721\
 Data File : PO081883.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2021 1:41
 Operator : AJ\MA
 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: Oct 08 04:37:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 07 09:43:36 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...	4.989	3.979	4638840	1407422	55.902	55.620
2)	SA Decachlor...	11.110	9.309	3309200	1274468	55.791	53.950
Target Compounds							
3)	L1 AR-1016-1	6.322	5.242	1568822	573607	567.288	552.656
4)	L1 AR-1016-2	6.345	5.262	2225185	776052	552.689	541.615
5)	L1 AR-1016-3	6.412	5.453	1391532	425323	565.161	556.644
6)	L1 AR-1016-4	6.519	5.507	1142926	354623	579.988	554.715
7)	L1 AR-1016-5	6.838	5.735	1130428	431752	597.642	555.606
8)	L2 AR-1221-1	5.234	4.238	174590	54073	182.820	175.447
9)	L2 AR-1221-2	5.342	4.338	241110	75954	373.455	326.320
10)	L2 AR-1221-3	5.429	4.427	893043	309163	418.783	409.978
11)	L3 AR-1232-1	5.429	4.427	893043	309163	535.409	521.287
12)	L3 AR-1232-2	6.024	5.262	1230672	776052	1297.272	1280.610
13)	L3 AR-1232-3	6.345	5.453	2225185	425323	1331.541	1335.259
14)	L3 AR-1232-4	6.519	5.551	1142926	422270	1384.770	1373.850
15)	L3 AR-1232-5	6.619	5.735	942772	431752	1561.423	1390.934
16)	L4 AR-1242-1	6.322	5.242	1568822	573607	762.861	742.878
17)	L4 AR-1242-2	6.345	5.262	2225185	776052	759.121	735.040
18)	L4 AR-1242-3	6.412	5.453	1391532	425323	763.071	752.960
19)	L4 AR-1242-4	6.519	5.551	1142926	422270	802.081	677.493
20)	L4 AR-1242-5	7.309	6.117	171330	343288	117.367	470.456 #
21)	L5 AR-1248-1	6.322	5.242	1568822	573607	944.420	941.320
22)	L5 AR-1248-2	6.619	5.507	942772	354623	429.331	420.066
23)	L5 AR-1248-3	6.838	5.551	1130428	422270	460.602	471.883
24)	L5 AR-1248-4	7.269	5.735	197310	431752	75.398	433.943 #
25)	L5 AR-1248-5	7.309	6.159	171330	58614	68.756	61.453
26)	L6 AR-1254-1	7.238	6.117	827580	343288	302.514	239.213
27)	L6 AR-1254-2	7.469	6.277	838805	316204	205.596	243.882
28)	L6 AR-1254-3	7.854	6.699	457055	161136	112.016	80.903 #
29)	L6 AR-1254-4	8.150	6.939	280859	75997	93.648	59.502 #
30)	L6 AR-1254-5	8.583	7.370	2423081	1081000	742.176	597.376
31)	L7 AR-1260-1	8.022	6.837	1796842	784584	572.285	544.979
32)	L7 AR-1260-2	8.289	7.036	2083734	941836	564.226	545.512
33)	L7 AR-1260-3	8.657	7.190	1399632	884168	566.083	540.660
34)	L7 AR-1260-4	8.890	7.676	1677235	667566	561.772	555.231
35)	L7 AR-1260-5	9.225	7.924	3175214	1528170	543.695	540.149
36)	L8 AR-1262-1	8.657	7.370	1399632	1081000	355.977	1081.688 #
37)	L8 AR-1262-2	9.225	7.924	3175214	1528170	459.408	474.388
38)	L8 AR-1262-3	9.568f	8.213	2134331	340917	627.985	255.358 #
39)	L8 AR-1262-4	9.621f	8.275	1264530	1125226	625.973	467.449 #
40)	L8 AR-1262-5	10.332	8.776	918612	384934	356.079	335.446
41)	L9 AR-1268-1	9.568f	8.213	2134331	340917	247.684	86.626 #

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

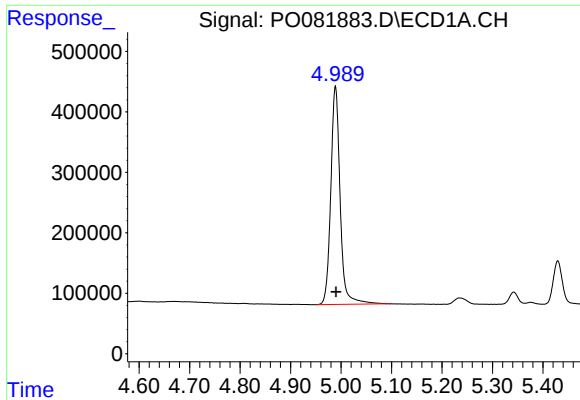
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 04:37:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.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	9.621f	8.275	1264530	1125226	160.659	317.873 #
43) L9	AR-1268-3	9.877	8.488	65098	21636	9.527	7.210
44) L9	AR-1268-4	10.332	8.776	918612	384934	307.595	292.687
45) L9	AR-1268-5	10.760	9.059	263041	122842	11.826	13.401

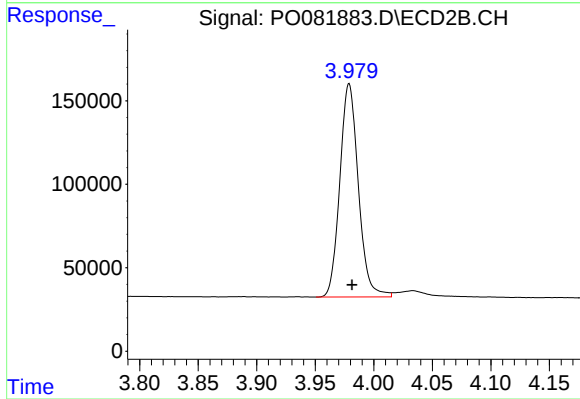
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

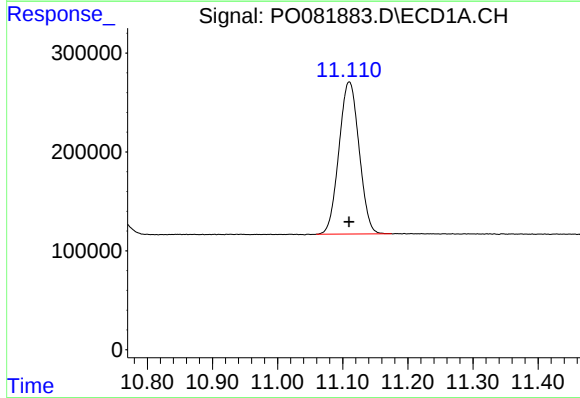
R.T.: 4.989 min
Delta R.T.: -0.001 min
Response: 4638840
Conc: 55.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



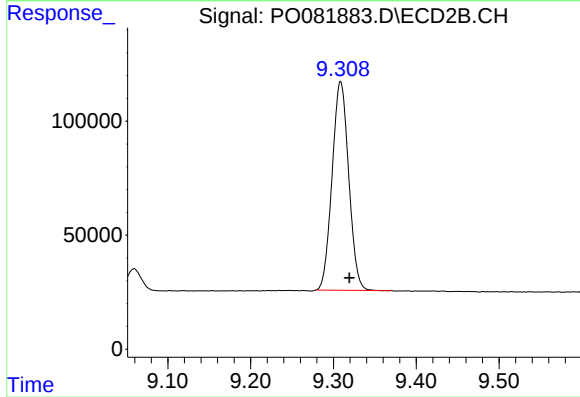
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 1407422
Conc: 55.62 ng/ml



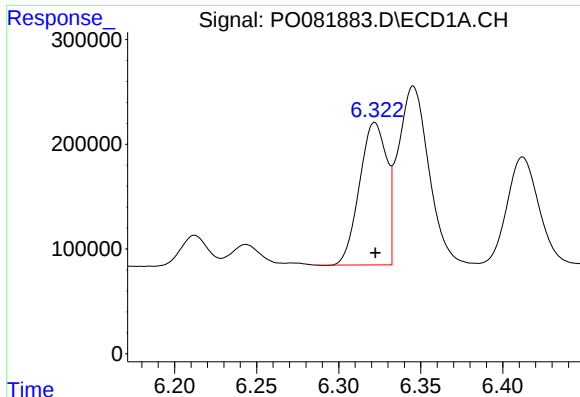
#2 Decachlorobiphenyl

R.T.: 11.110 min
Delta R.T.: 0.000 min
Response: 3309200
Conc: 55.79 ng/ml



#2 Decachlorobiphenyl

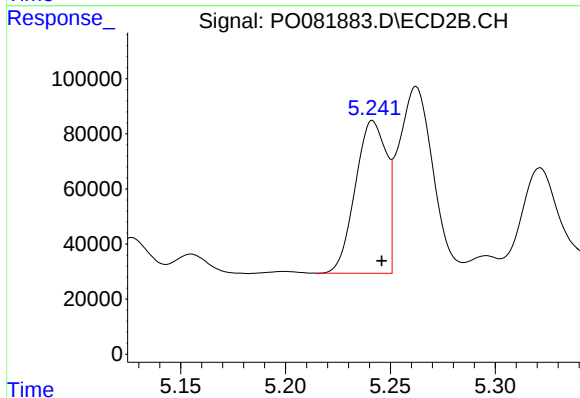
R.T.: 9.309 min
Delta R.T.: -0.011 min
Response: 1274468
Conc: 53.95 ng/ml



#3 AR-1016-1

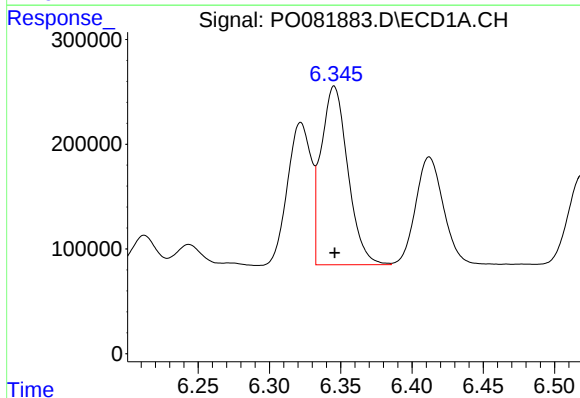
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 1568822
Conc: 567.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



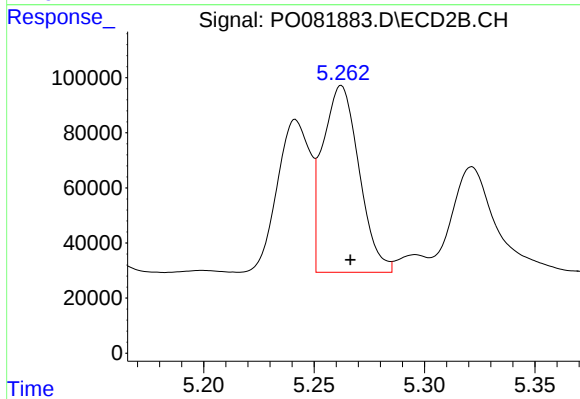
#3 AR-1016-1

R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 573607
Conc: 552.66 ng/ml



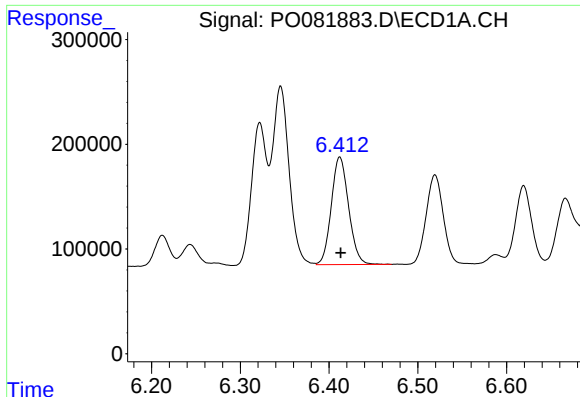
#4 AR-1016-2

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 2225185
Conc: 552.69 ng/ml



#4 AR-1016-2

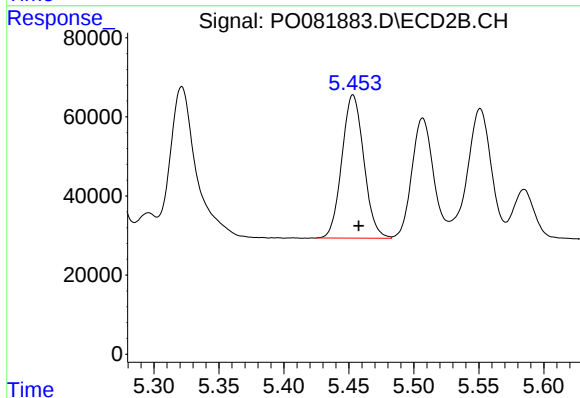
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 776052
Conc: 541.61 ng/ml



#5 AR-1016-3

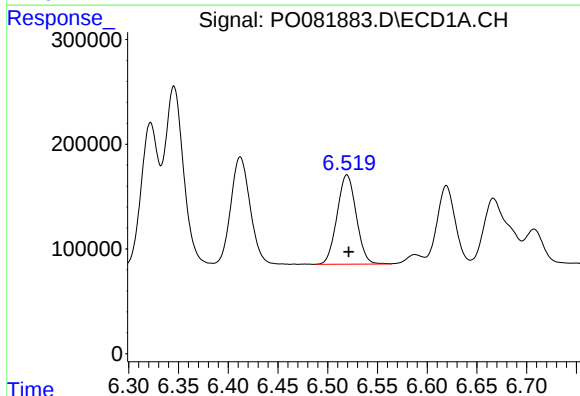
R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 1391532
Conc: 565.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



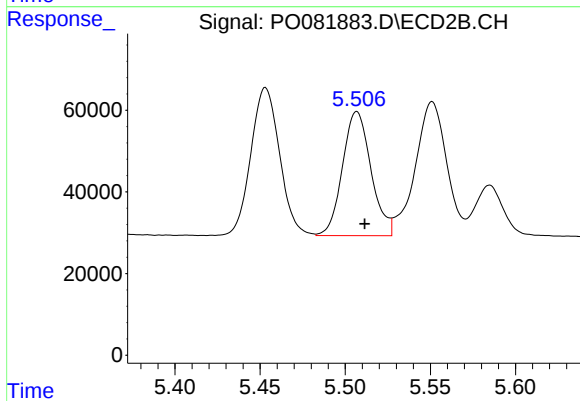
#5 AR-1016-3

R.T.: 5.453 min
Delta R.T.: -0.004 min
Response: 425323
Conc: 556.64 ng/ml



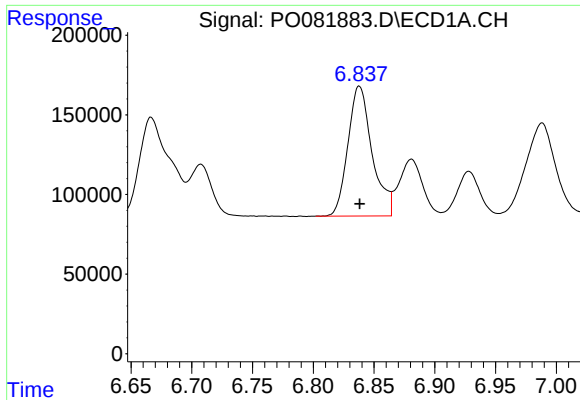
#6 AR-1016-4

R.T.: 6.519 min
Delta R.T.: -0.002 min
Response: 1142926
Conc: 579.99 ng/ml



#6 AR-1016-4

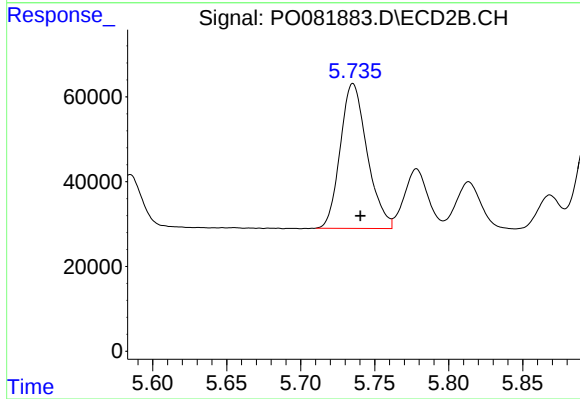
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 354623
Conc: 554.71 ng/ml



#7 AR-1016-5

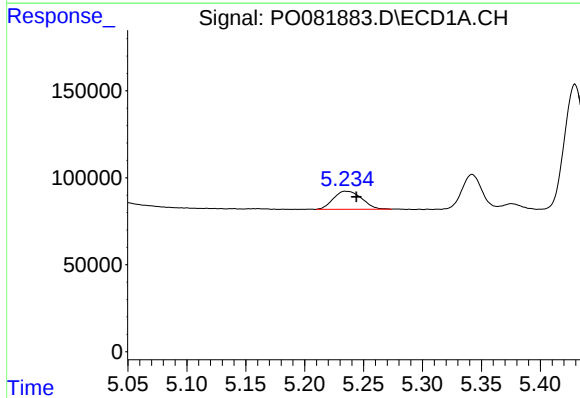
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 1130428
Conc: 597.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



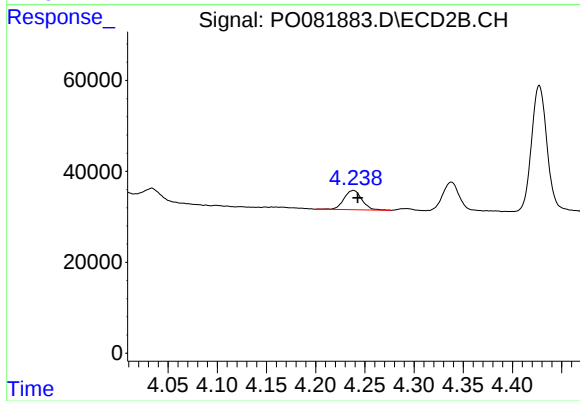
#7 AR-1016-5

R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 431752
Conc: 555.61 ng/ml



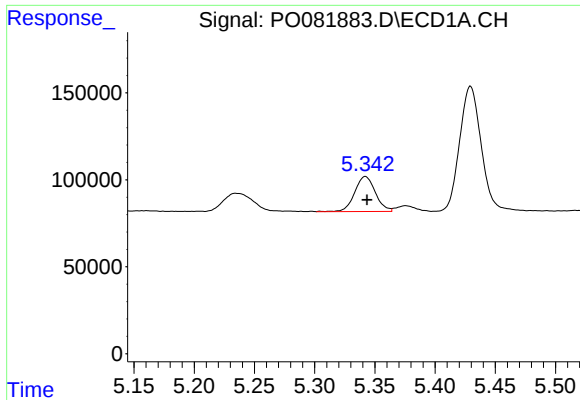
#8 AR-1221-1

R.T.: 5.234 min
Delta R.T.: -0.010 min
Response: 174590
Conc: 182.82 ng/ml



#8 AR-1221-1

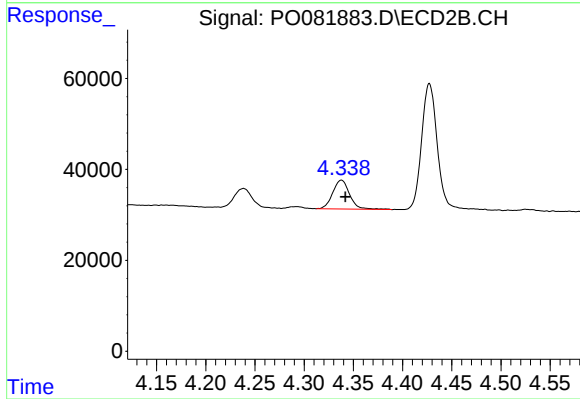
R.T.: 4.238 min
Delta R.T.: -0.004 min
Response: 54073
Conc: 175.45 ng/ml



#9 AR-1221-2

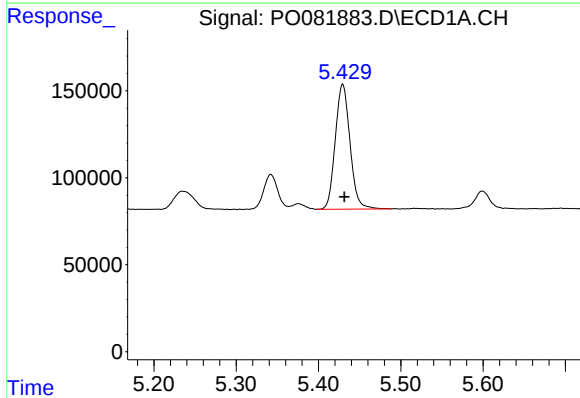
R.T.: 5.342 min
Delta R.T.: -0.001 min
Response: 241110
Conc: 373.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



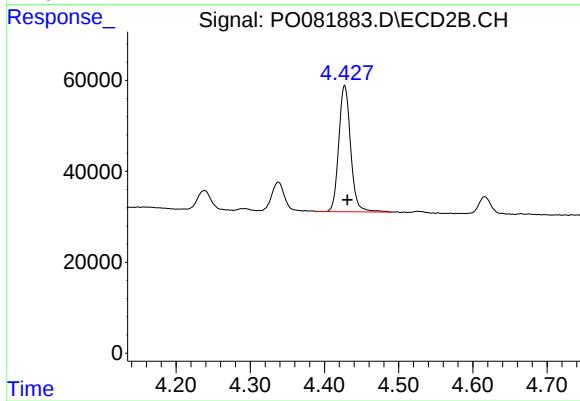
#9 AR-1221-2

R.T.: 4.338 min
Delta R.T.: -0.004 min
Response: 75954
Conc: 326.32 ng/ml



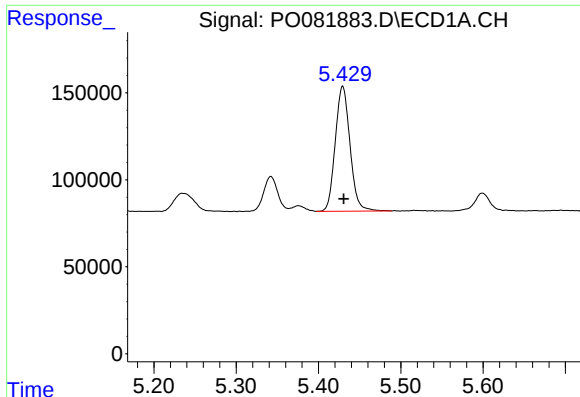
#10 AR-1221-3

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 893043
Conc: 418.78 ng/ml



#10 AR-1221-3

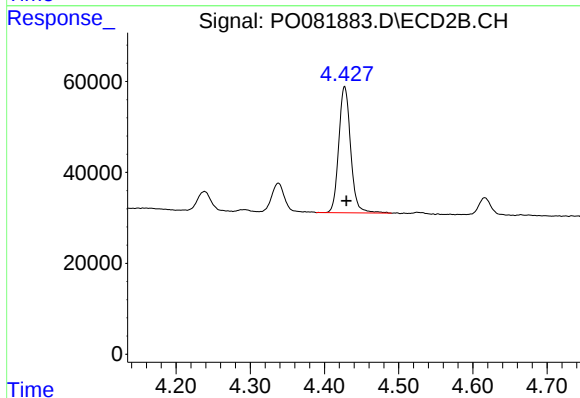
R.T.: 4.427 min
Delta R.T.: -0.004 min
Response: 309163
Conc: 409.98 ng/ml



#11 AR-1232-1

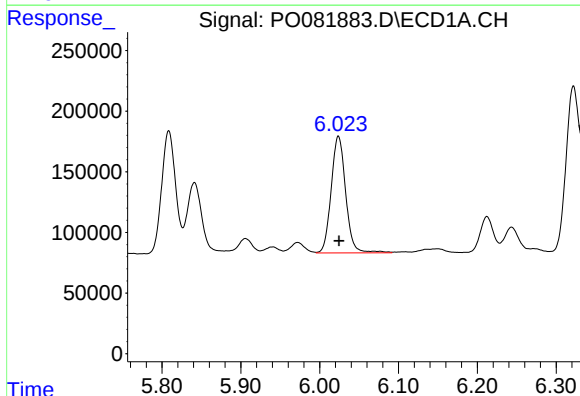
R.T.: 5.429 min
Delta R.T.: -0.001 min
Response: 893043
Conc: 535.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



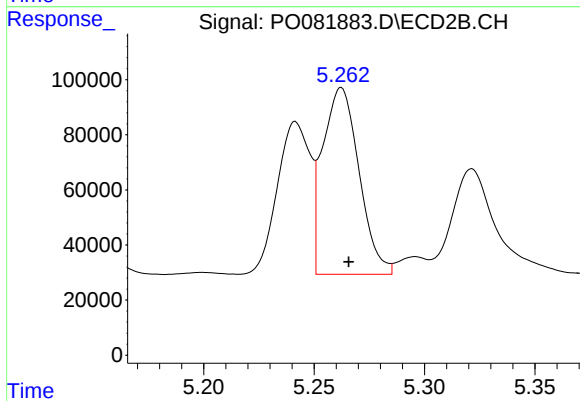
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 309163
Conc: 521.29 ng/ml



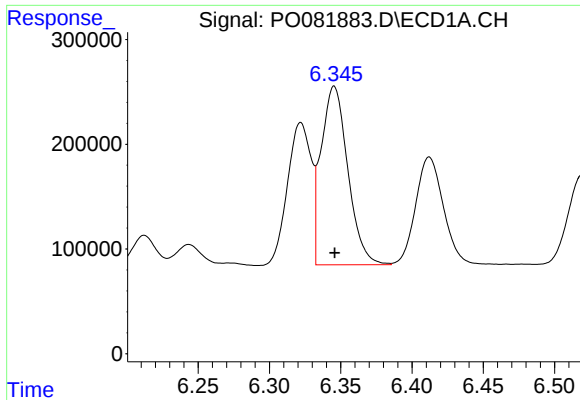
#12 AR-1232-2

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 1230672
Conc: 1297.27 ng/ml



#12 AR-1232-2

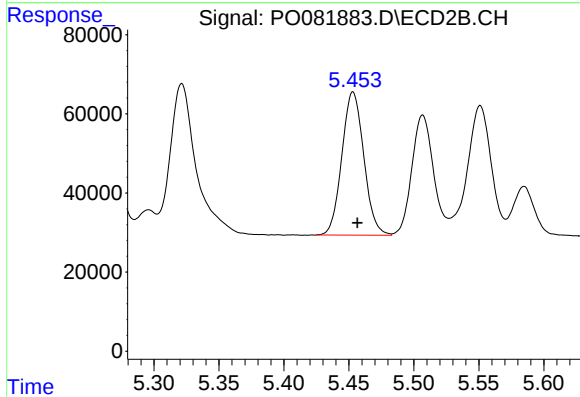
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 776052
Conc: 1280.61 ng/ml



#13 AR-1232-3

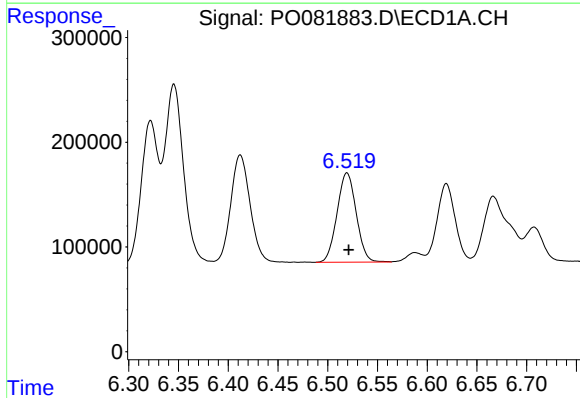
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 2225185
Conc: 1331.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



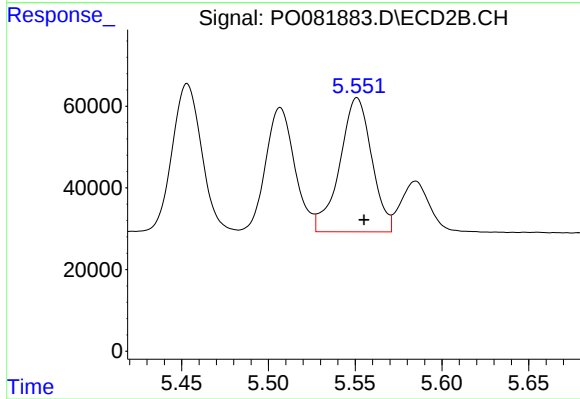
#13 AR-1232-3

R.T.: 5.453 min
Delta R.T.: -0.003 min
Response: 425323
Conc: 1335.26 ng/ml



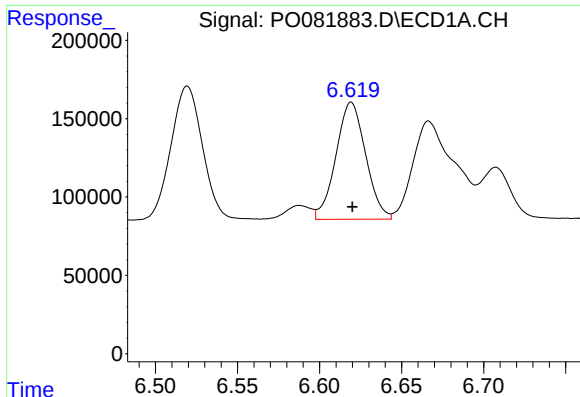
#14 AR-1232-4

R.T.: 6.519 min
Delta R.T.: -0.002 min
Response: 1142926
Conc: 1384.77 ng/ml



#14 AR-1232-4

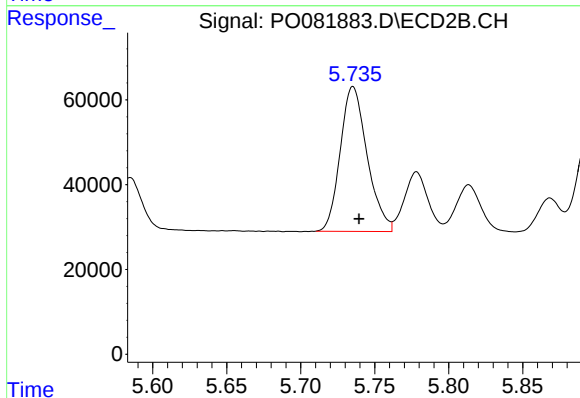
R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 422270
Conc: 1373.85 ng/ml



#15 AR-1232-5

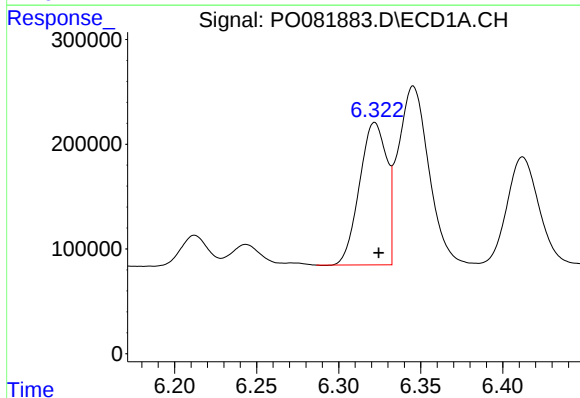
R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 942772
Conc: 1561.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



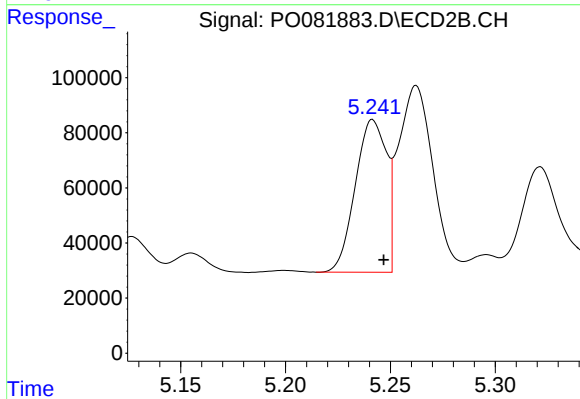
#15 AR-1232-5

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 431752
Conc: 1390.93 ng/ml



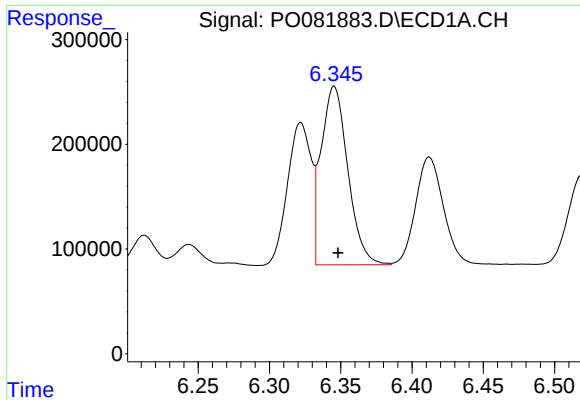
#16 AR-1242-1

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 1568822
Conc: 762.86 ng/ml



#16 AR-1242-1

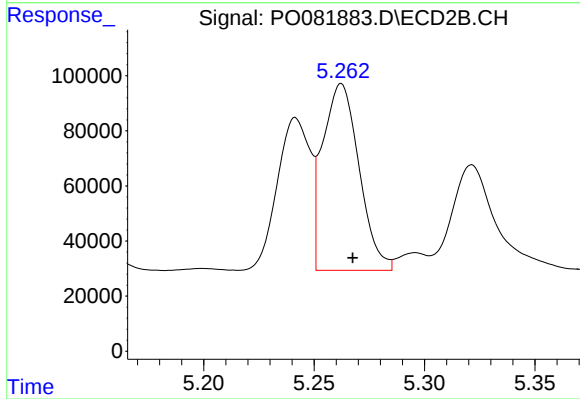
R.T.: 5.242 min
Delta R.T.: -0.005 min
Response: 573607
Conc: 742.88 ng/ml



#17 AR-1242-2

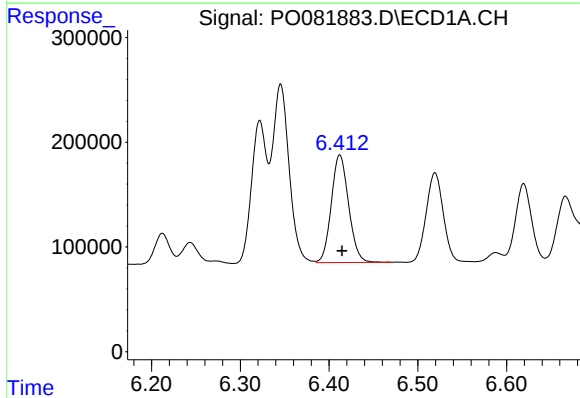
R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 2225185
Conc: 759.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



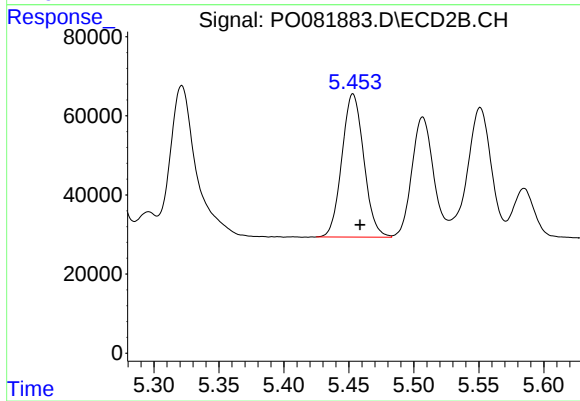
#17 AR-1242-2

R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 776052
Conc: 735.04 ng/ml



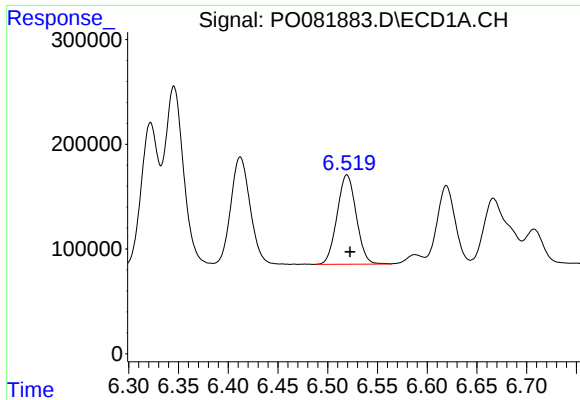
#18 AR-1242-3

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 1391532
Conc: 763.07 ng/ml



#18 AR-1242-3

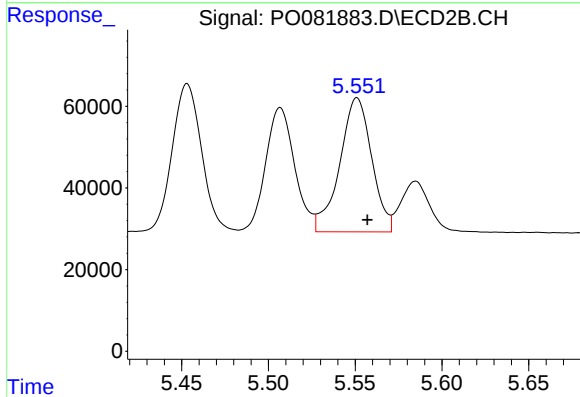
R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 425323
Conc: 752.96 ng/ml



#19 AR-1242-4

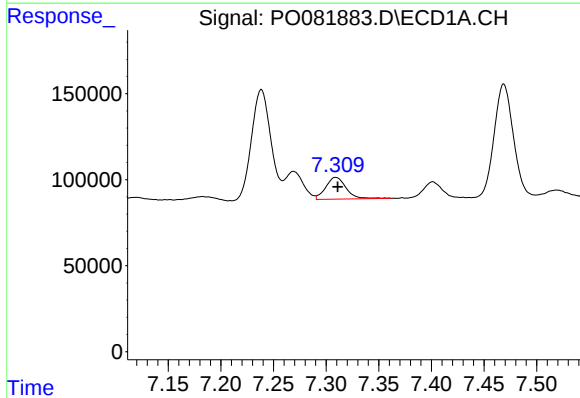
R.T.: 6.519 min
Delta R.T.: -0.003 min
Response: 1142926
Conc: 802.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



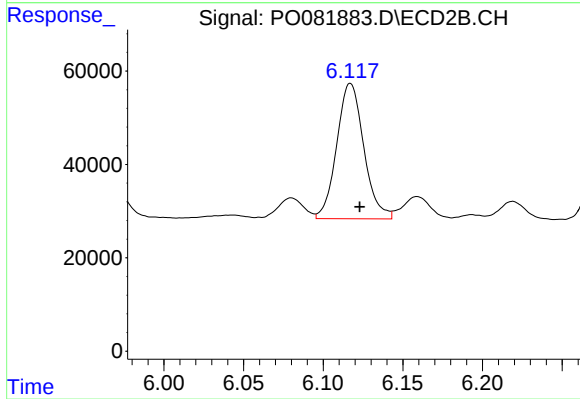
#19 AR-1242-4

R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 422270
Conc: 677.49 ng/ml



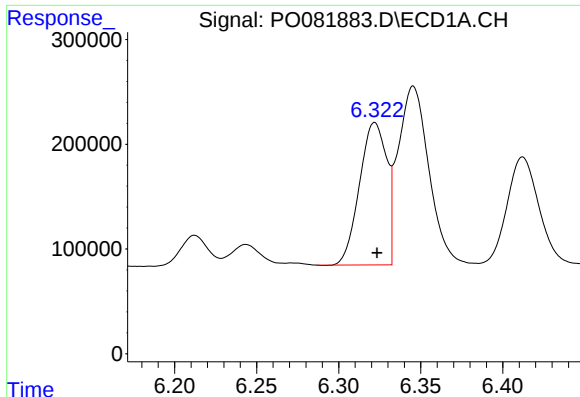
#20 AR-1242-5

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 171330
Conc: 117.37 ng/ml



#20 AR-1242-5

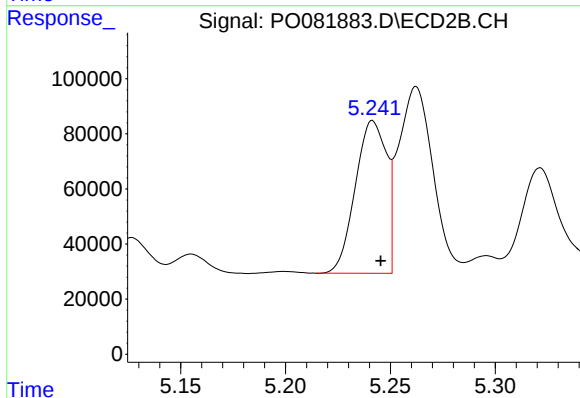
R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 343288
Conc: 470.46 ng/ml



#21 AR-1248-1

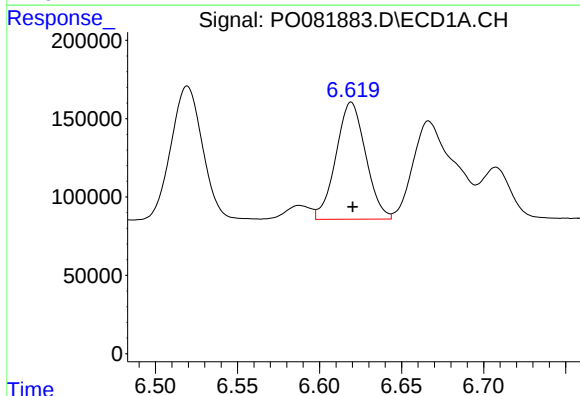
R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 1568822
Conc: 944.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



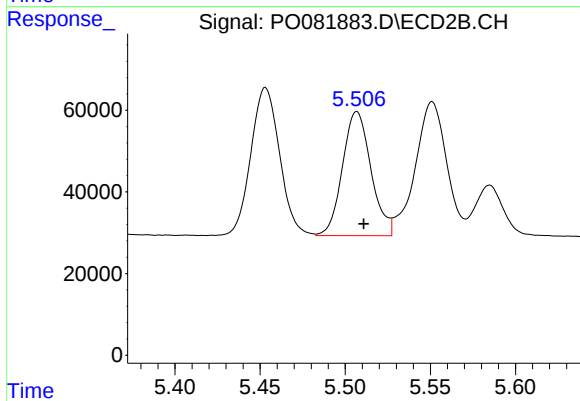
#21 AR-1248-1

R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 573607
Conc: 941.32 ng/ml



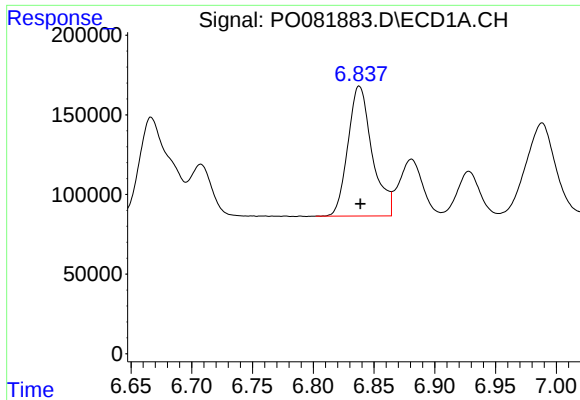
#22 AR-1248-2

R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 942772
Conc: 429.33 ng/ml



#22 AR-1248-2

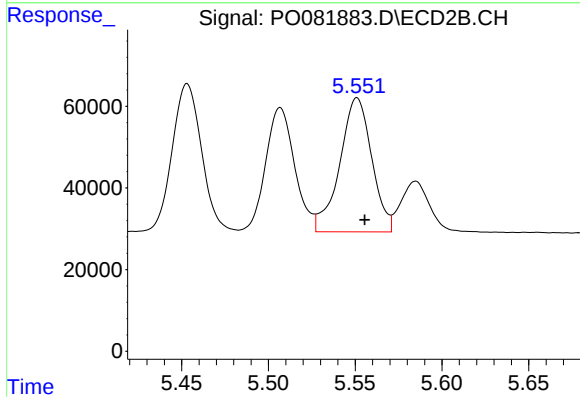
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 354623
Conc: 420.07 ng/ml



#23 AR-1248-3

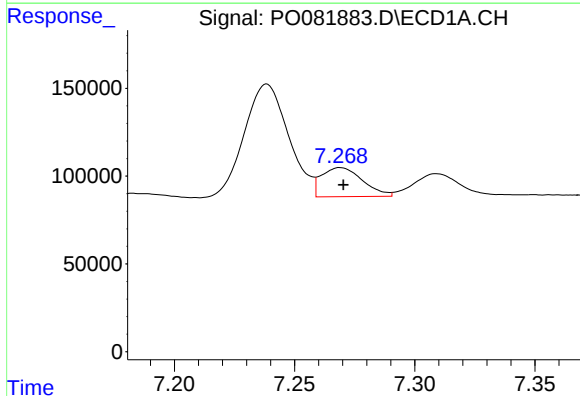
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 1130428
Conc: 460.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



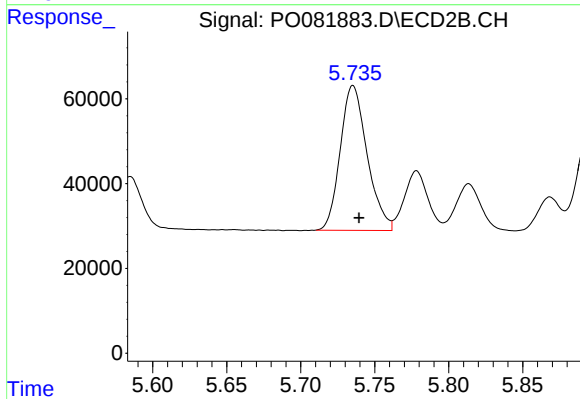
#23 AR-1248-3

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 422270
Conc: 471.88 ng/ml



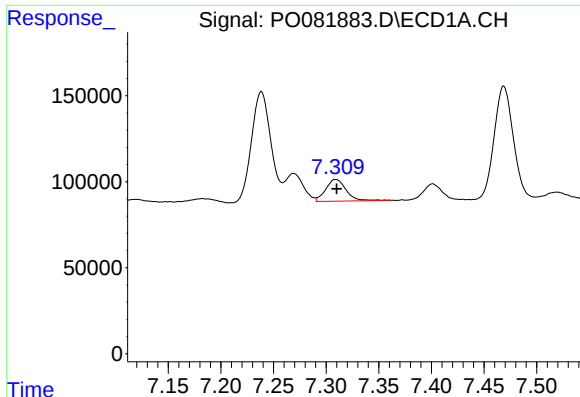
#24 AR-1248-4

R.T.: 7.269 min
Delta R.T.: -0.001 min
Response: 197310
Conc: 75.40 ng/ml



#24 AR-1248-4

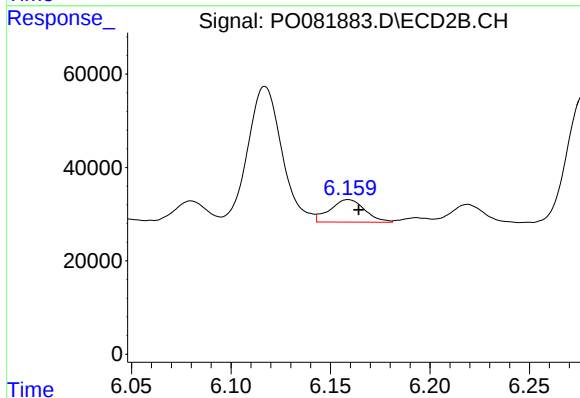
R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 431752
Conc: 433.94 ng/ml



#25 AR-1248-5

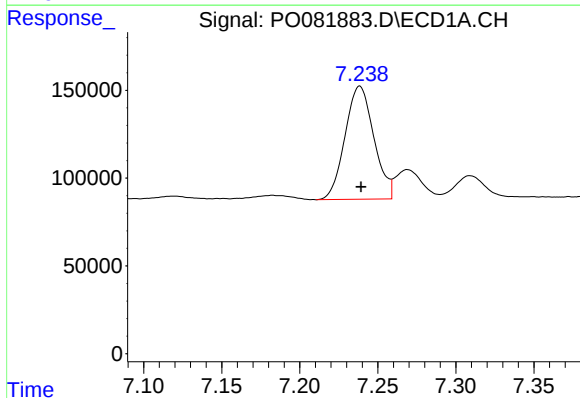
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 171330
Conc: 68.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



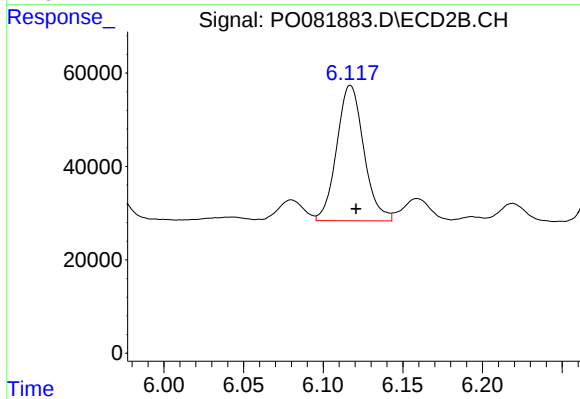
#25 AR-1248-5

R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 58614
Conc: 61.45 ng/ml



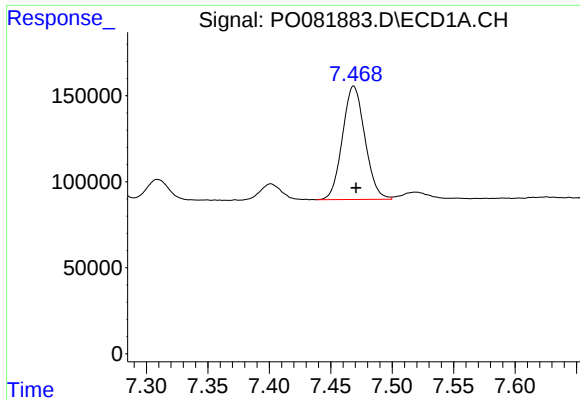
#26 AR-1254-1

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 827580
Conc: 302.51 ng/ml



#26 AR-1254-1

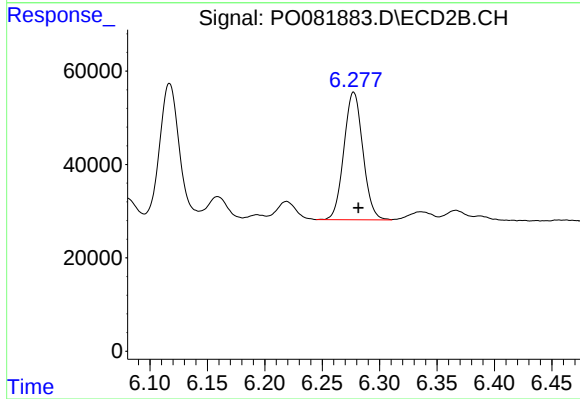
R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 343288
Conc: 239.21 ng/ml



#27 AR-1254-2

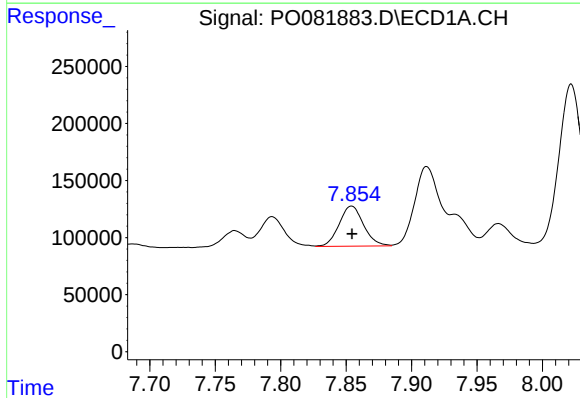
R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 838805
Conc: 205.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



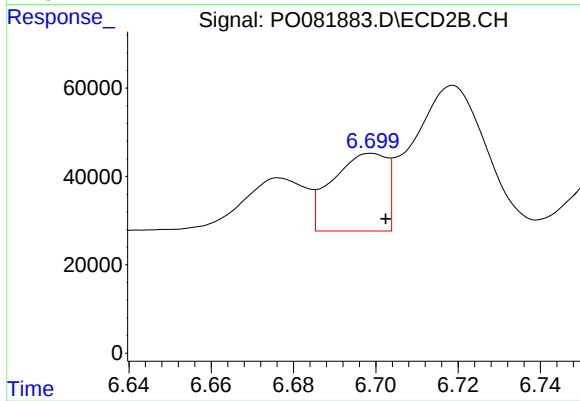
#27 AR-1254-2

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 316204
Conc: 243.88 ng/ml



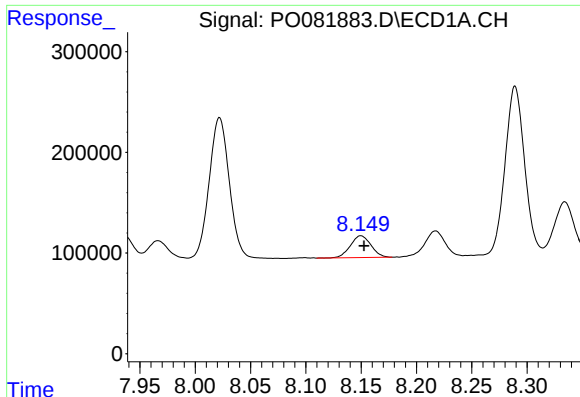
#28 AR-1254-3

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 457055
Conc: 112.02 ng/ml



#28 AR-1254-3

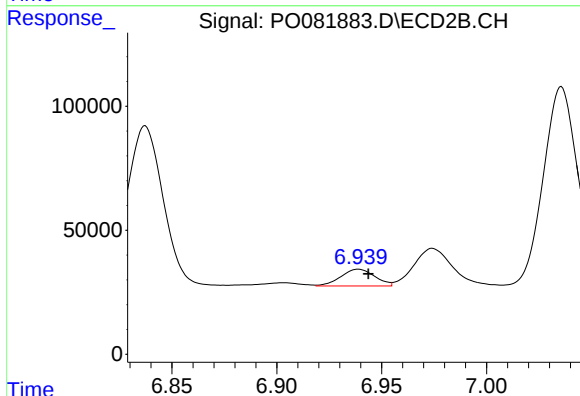
R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 161136
Conc: 80.90 ng/ml



#29 AR-1254-4

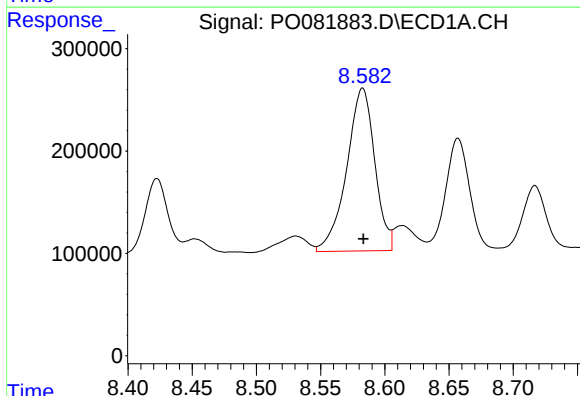
R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 280859
Conc: 93.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



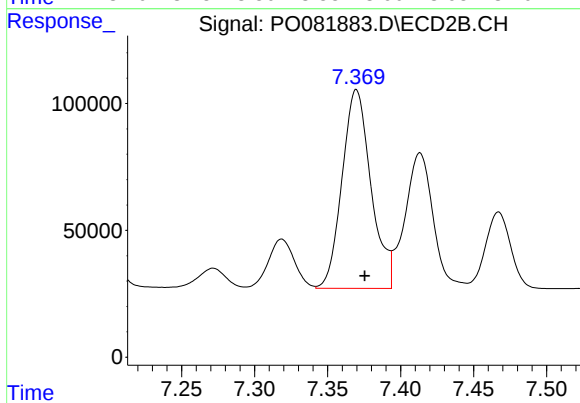
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 75997
Conc: 59.50 ng/ml



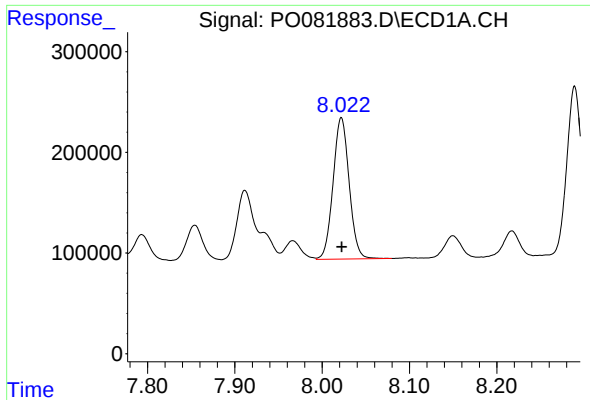
#30 AR-1254-5

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 2423081
Conc: 742.18 ng/ml



#30 AR-1254-5

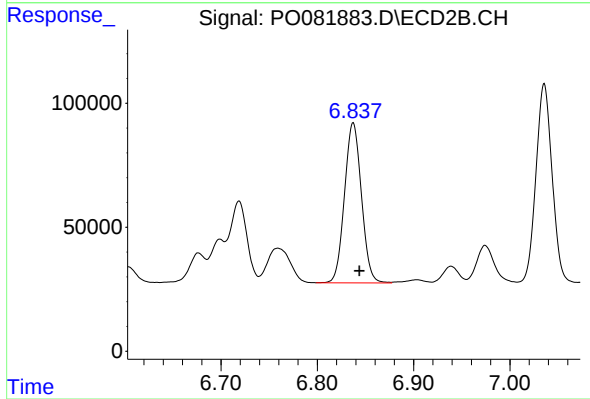
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 1081000
Conc: 597.38 ng/ml



#31 AR-1260-1

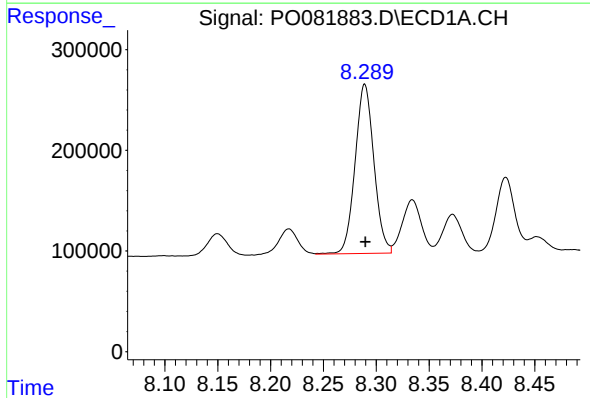
R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 1796842
Conc: 572.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



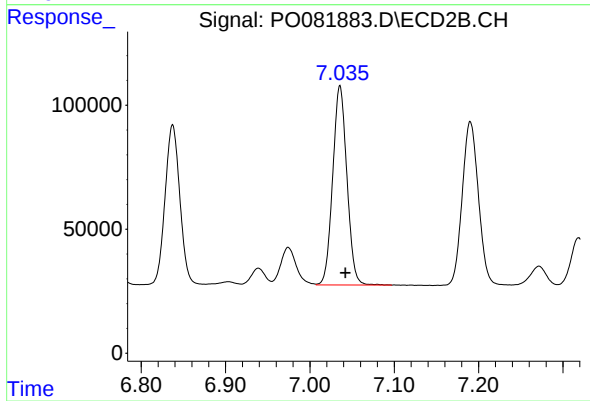
#31 AR-1260-1

R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 784584
Conc: 544.98 ng/ml



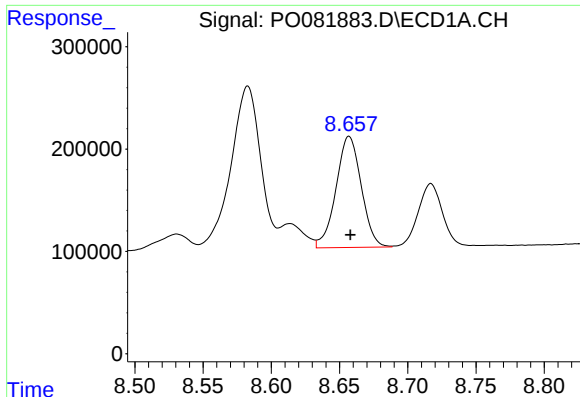
#32 AR-1260-2

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 2083734
Conc: 564.23 ng/ml



#32 AR-1260-2

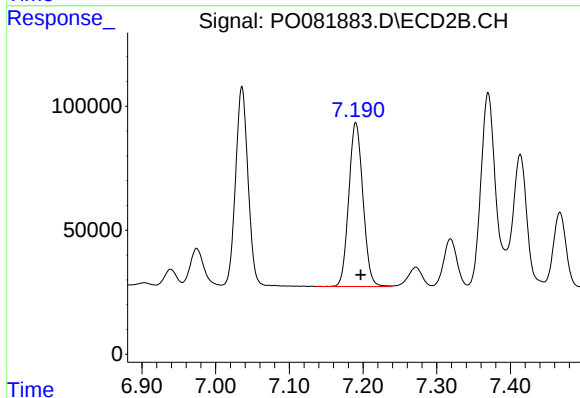
R.T.: 7.036 min
Delta R.T.: -0.006 min
Response: 941836
Conc: 545.51 ng/ml



#33 AR-1260-3

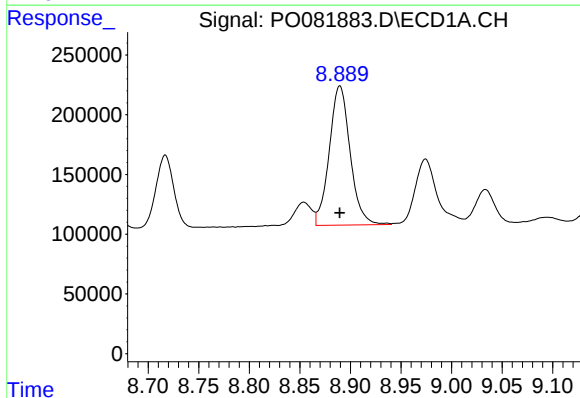
R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1399632
Conc: 566.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



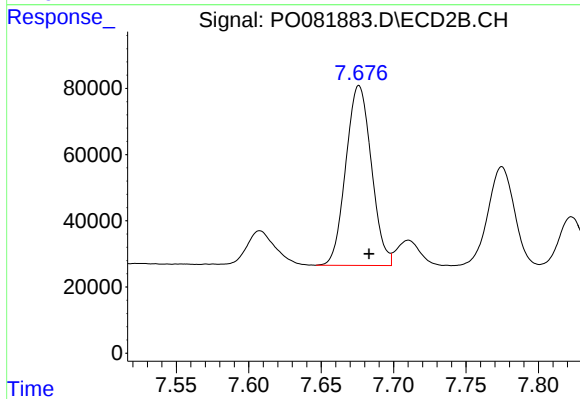
#33 AR-1260-3

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 884168
Conc: 540.66 ng/ml



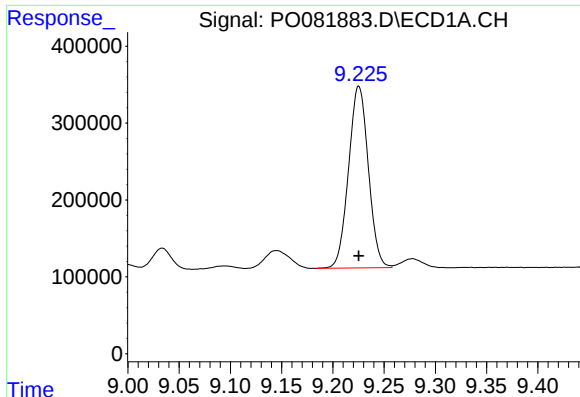
#34 AR-1260-4

R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 1677235
Conc: 561.77 ng/ml



#34 AR-1260-4

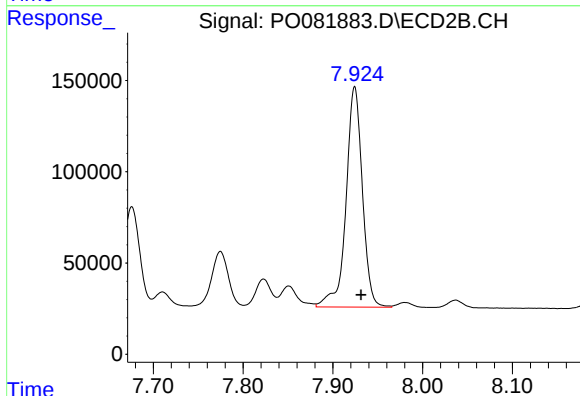
R.T.: 7.676 min
Delta R.T.: -0.007 min
Response: 667566
Conc: 555.23 ng/ml



#35 AR-1260-5

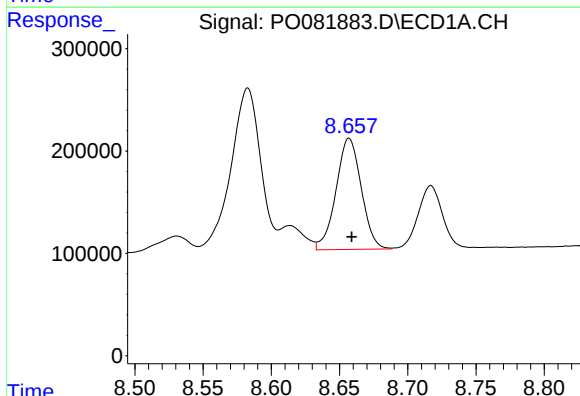
R.T.: 9.225 min
Delta R.T.: 0.000 min
Response: 3175214
Conc: 543.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



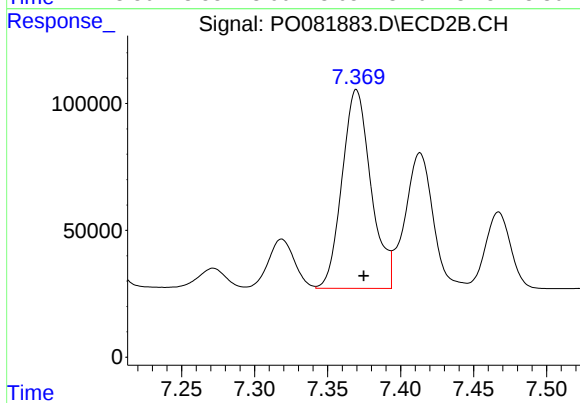
#35 AR-1260-5

R.T.: 7.924 min
Delta R.T.: -0.007 min
Response: 1528170
Conc: 540.15 ng/ml



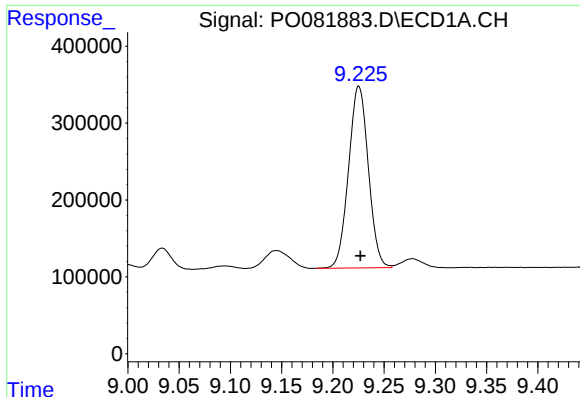
#36 AR-1262-1

R.T.: 8.657 min
Delta R.T.: -0.002 min
Response: 1399632
Conc: 355.98 ng/ml



#36 AR-1262-1

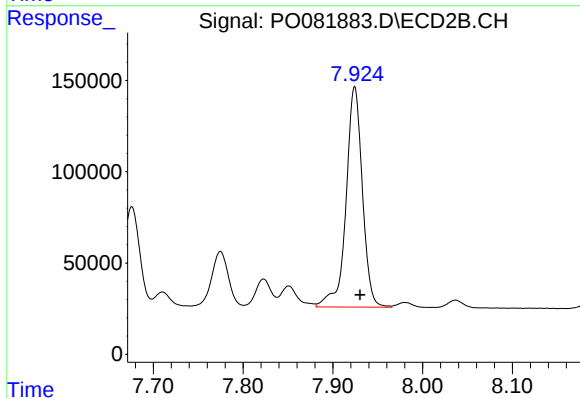
R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 1081000
Conc: 1081.69 ng/ml



#37 AR-1262-2

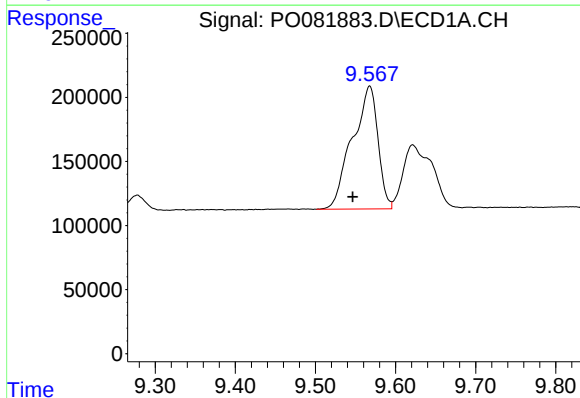
R.T.: 9.225 min
Delta R.T.: -0.001 min
Response: 3175214
Conc: 459.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



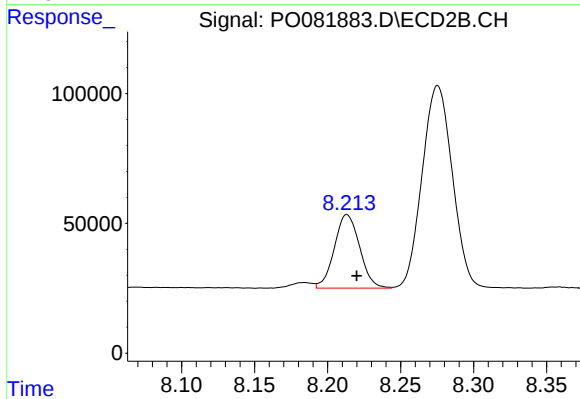
#37 AR-1262-2

R.T.: 7.924 min
Delta R.T.: -0.006 min
Response: 1528170
Conc: 474.39 ng/ml



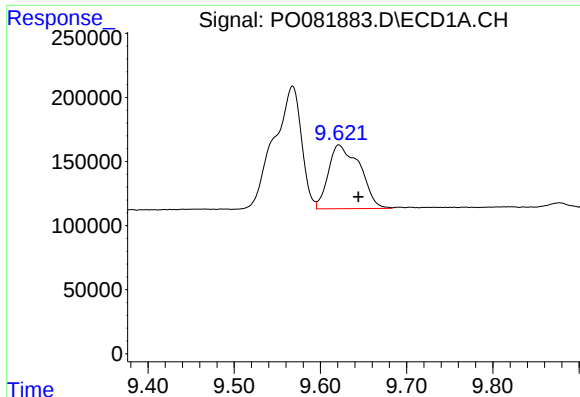
#38 AR-1262-3

R.T.: 9.568 min
Delta R.T.: 0.021 min
Response: 2134331
Conc: 627.99 ng/ml



#38 AR-1262-3

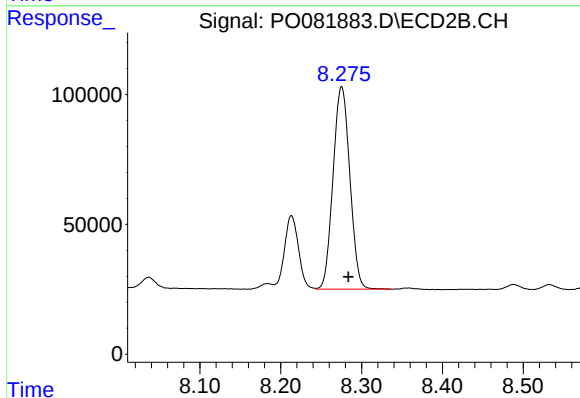
R.T.: 8.213 min
Delta R.T.: -0.007 min
Response: 340917
Conc: 255.36 ng/ml



#39 AR-1262-4

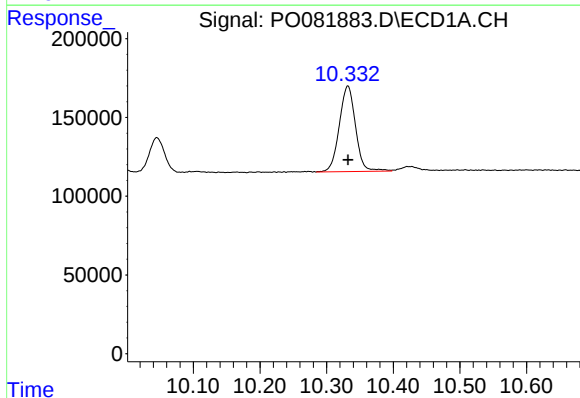
R.T.: 9.621 min
Delta R.T.: -0.023 min
Response: 1264530
Conc: 625.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



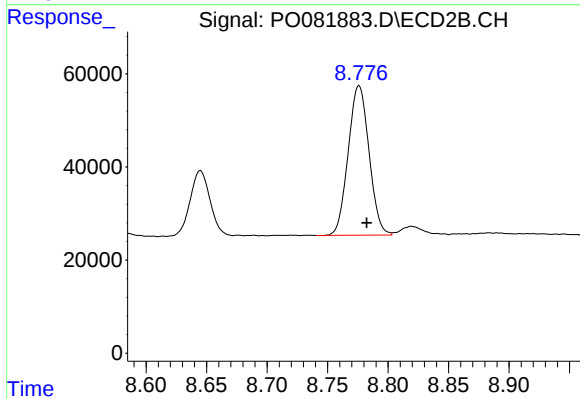
#39 AR-1262-4

R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 1125226
Conc: 467.45 ng/ml



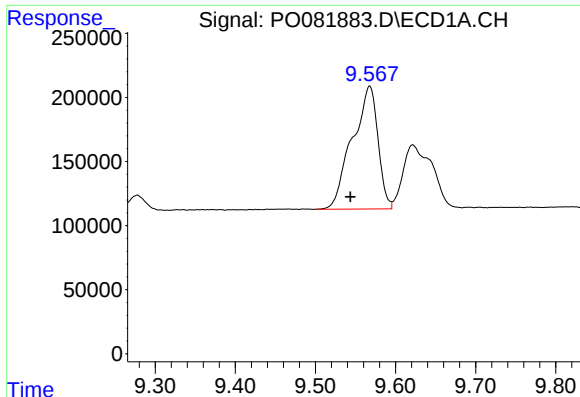
#40 AR-1262-5

R.T.: 10.332 min
Delta R.T.: 0.000 min
Response: 918612
Conc: 356.08 ng/ml



#40 AR-1262-5

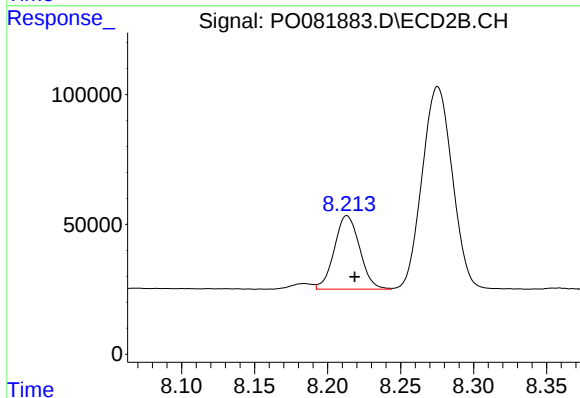
R.T.: 8.776 min
Delta R.T.: -0.006 min
Response: 384934
Conc: 335.45 ng/ml



#41 AR-1268-1

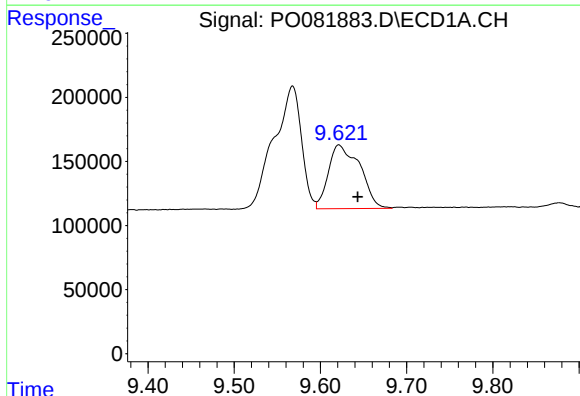
R.T.: 9.568 min
Delta R.T.: 0.024 min
Response: 2134331
Conc: 247.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



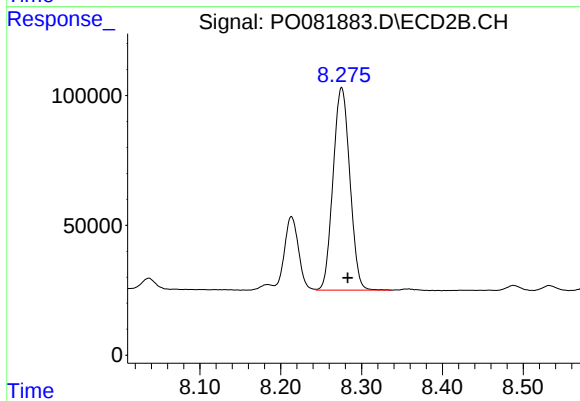
#41 AR-1268-1

R.T.: 8.213 min
Delta R.T.: -0.005 min
Response: 340917
Conc: 86.63 ng/ml



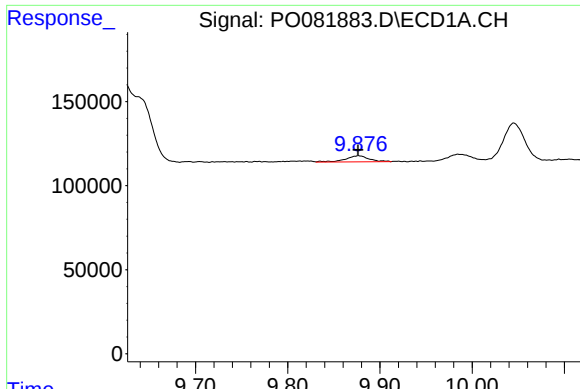
#42 AR-1268-2

R.T.: 9.621 min
Delta R.T.: -0.022 min
Response: 1264530
Conc: 160.66 ng/ml



#42 AR-1268-2

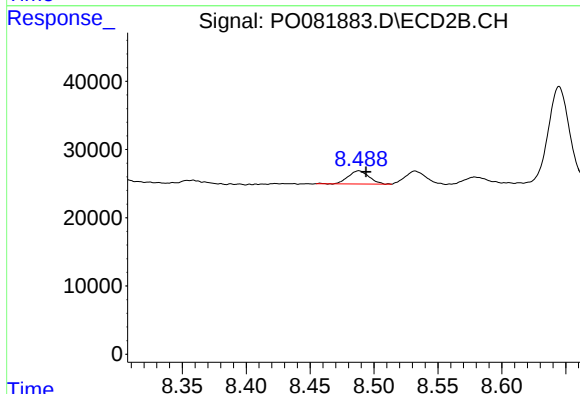
R.T.: 8.275 min
Delta R.T.: -0.007 min
Response: 1125226
Conc: 317.87 ng/ml



#43 AR-1268-3

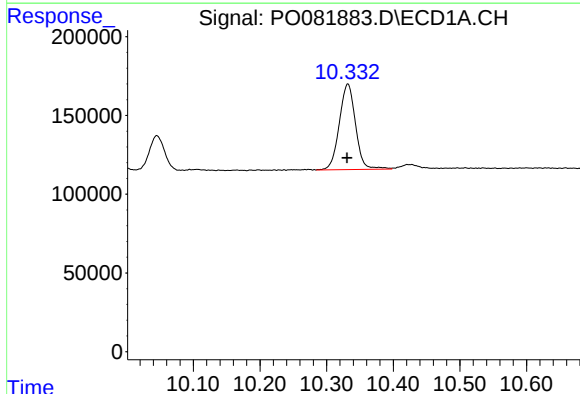
R.T.: 9.877 min
Delta R.T.: 0.000 min
Response: 65098
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



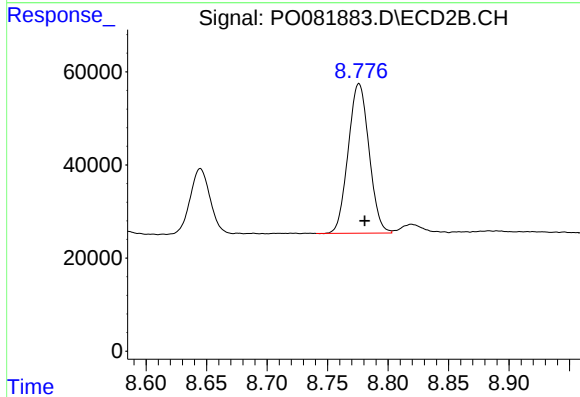
#43 AR-1268-3

R.T.: 8.488 min
Delta R.T.: -0.006 min
Response: 21636
Conc: 7.21 ng/ml



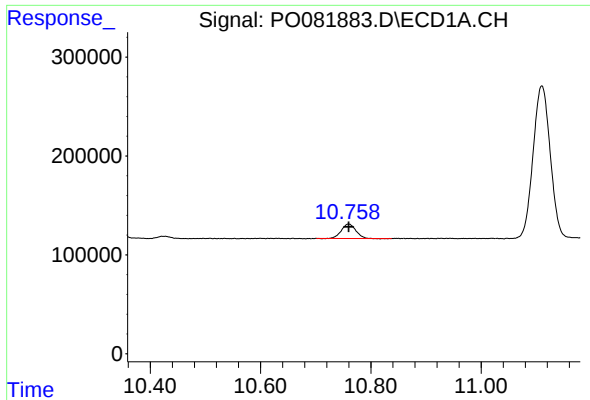
#44 AR-1268-4

R.T.: 10.332 min
Delta R.T.: 0.001 min
Response: 918612
Conc: 307.59 ng/ml



#44 AR-1268-4

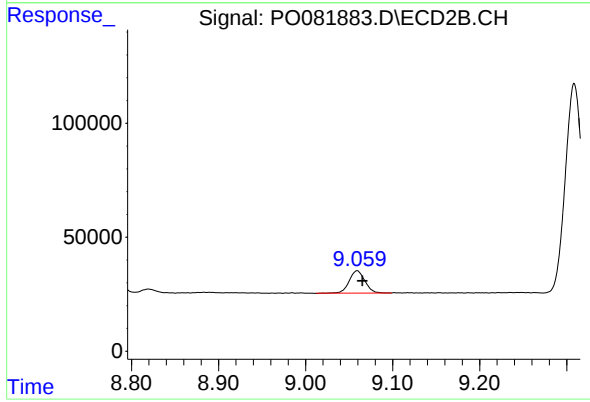
R.T.: 8.776 min
Delta R.T.: -0.005 min
Response: 384934
Conc: 292.69 ng/ml



#45 AR-1268-5

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 263041
Conc: 11.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.059 min
Delta R.T.: -0.006 min
Response: 122842
Conc: 13.40 ng/ml