

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011720\
 Data File : P0065604.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Jan 2020 11:42
 Operator : DD\AJ
 Sample : L1016-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 12:55:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 2020
 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...	4.159	3.434	538544	511376	29.493	23.247
2)	SA Decachlor...	9.658	8.334	626782	671647	18.499	16.196
Target Compounds							
3)	L1 AR-1016-1	5.309	4.511	184312	318924	211.331	309.528 #
4)	L1 AR-1016-2	5.330	4.511	284084	318924	221.476	220.081
5)	L1 AR-1016-3	5.391	4.683	171006	184543	217.047	237.368
6)	L1 AR-1016-4	5.488	4.726	161304	181388	249.997	271.309
7)	L1 AR-1016-5	5.779	4.934	106078	225951	160.012	265.555 #
8)	L2 AR-1221-1	0.000	3.641	0	13280	N.D.	51.219 #
9)	L2 AR-1221-2	4.526	3.727	99279	40781	635.857	206.824 #
10)	L2 AR-1221-3	4.526	3.800	99279	173439	190.112	269.193 #
11)	L3 AR-1232-1	4.526	3.800	99279	173439	245.458	348.129 #
12)	L3 AR-1232-2	5.048	4.511	102179	318924	485.891	591.431
13)	L3 AR-1232-3	5.330	4.683	284084	184543	608.373	648.740
14)	L3 AR-1232-4	5.488	4.765	161304	227740	691.385	851.897
15)	L3 AR-1232-5	5.578	4.934	124698	225951	705.297	788.155
16)	L4 AR-1242-1	5.309	4.511	184312	318924	316.589	467.899 #
17)	L4 AR-1242-2	5.330	4.511	284084	318924	332.230	332.793
18)	L4 AR-1242-3	5.391	4.683	171006	184543	326.108	360.039
19)	L4 AR-1242-4	5.488	4.765	161304	227740	380.743	435.729
20)	L4 AR-1242-5	6.179	5.281	85466	213974	156.952	294.407 #
21)	L5 AR-1248-1	5.330	4.511	284084	318924	610.527	575.299
22)	L5 AR-1248-2	5.578	4.726	124698	181388	188.978	236.416 #
23)	L5 AR-1248-3	5.779	4.765	106078	227740	140.783	289.455 #
24)	L5 AR-1248-4	6.179	4.934	85466	225951	90.224	235.734 #
25)	L5 AR-1248-5	6.179	5.305	85466	180251	93.434	178.062 #
26)	L6 AR-1254-1	6.152	5.281	263122	213974	310.166	147.700 #
27)	L6 AR-1254-2	6.367	5.426	218605	251963	159.077	190.487
28)	L6 AR-1254-3	6.733	5.839	164745	362530	106.294	160.873 #
29)	L6 AR-1254-4	7.012	6.051	140059	85066	109.874	56.425 #
30)	L6 AR-1254-5	7.427	6.463	548521	632523	390.595	284.160 #
31)	L7 AR-1260-1	6.890	5.952	427347	481971	309.844	256.006
32)	L7 AR-1260-2	7.146	6.140	632309	665155	360.388	273.783
33)	L7 AR-1260-3	7.502	6.290	311496	584754	220.387	270.155
34)	L7 AR-1260-4	7.726	6.757	330418	357432	189.235	178.161
35)	L7 AR-1260-5	8.031	6.999	678259	857477	202.249	173.211
36)	L8 AR-1262-1	7.502	6.553	311496	232304	188.299	246.412 #
37)	L8 AR-1262-2	8.031	6.999	678259	857477	211.799	190.834
38)	L8 AR-1262-3	8.330	7.278	430227	177922	188.992	105.714 #
39)	L8 AR-1262-4	8.380	7.342	242304	615836	137.073	179.074 #
40)	L8 AR-1262-5	8.992	7.835	176620	206458	132.770	121.074
41)	L9 AR-1268-1	8.330	7.278	430227	177922	105.753	33.501 #

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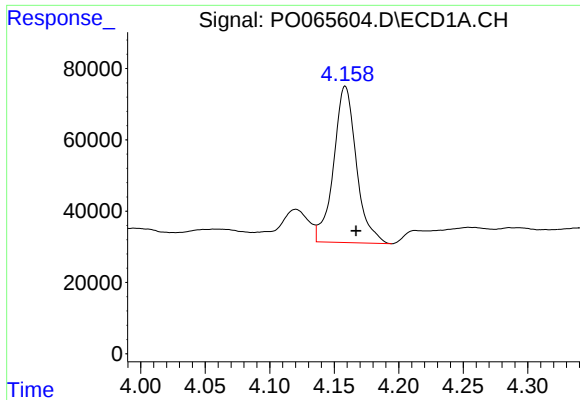
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
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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	8.380	7.342	242304	615836	62.959	121.239 #
43) L9	AR-1268-3	0.000	7.544	0	19302	N.D.	4.544 #
44) L9	AR-1268-4	8.992	7.835	176620	206458	114.982	104.312
45) L9	AR-1268-5	9.360	8.104	98167	63577	8.860	4.422 #

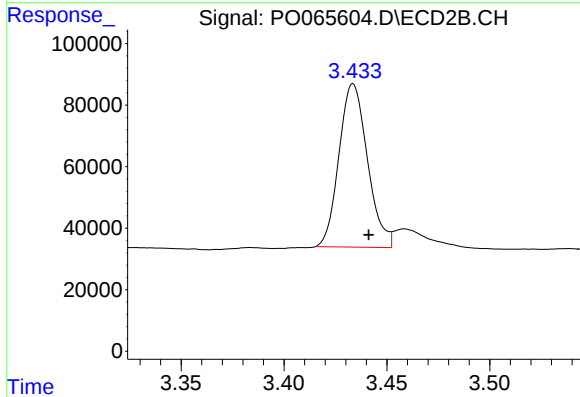
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

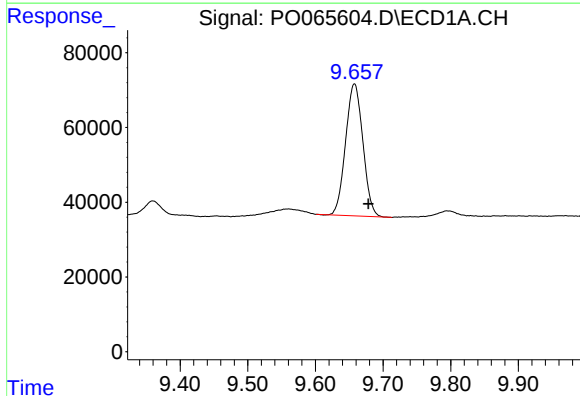
R.T.: 4.159 min
Delta R.T.: -0.008 min
Response: 538544
Conc: 29.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



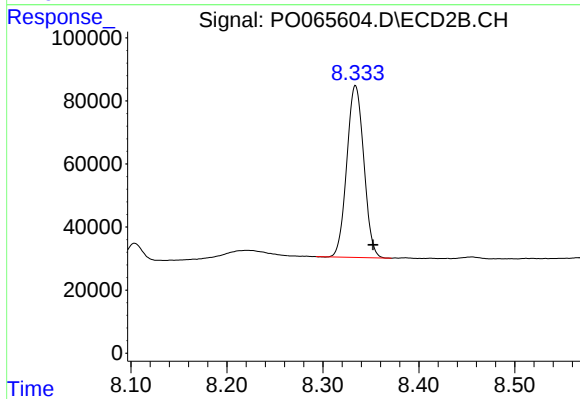
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: -0.007 min
Response: 511376
Conc: 23.25 ng/ml



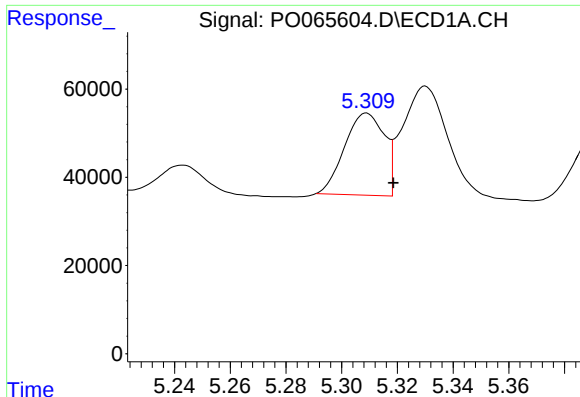
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.020 min
Response: 626782
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

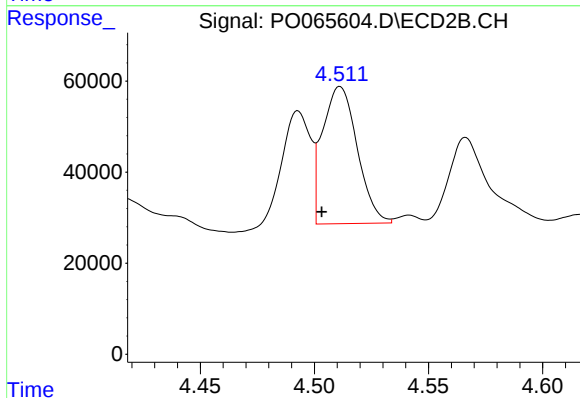
R.T.: 8.334 min
Delta R.T.: -0.019 min
Response: 671647
Conc: 16.20 ng/ml



#3 AR-1016-1

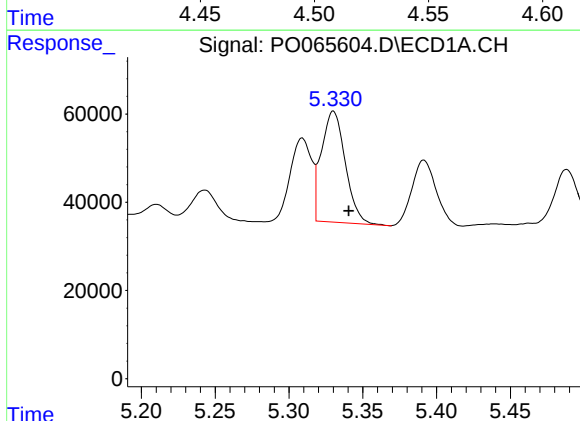
R.T.: 5.309 min
Delta R.T.: -0.010 min
Response: 184312
Conc: 211.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



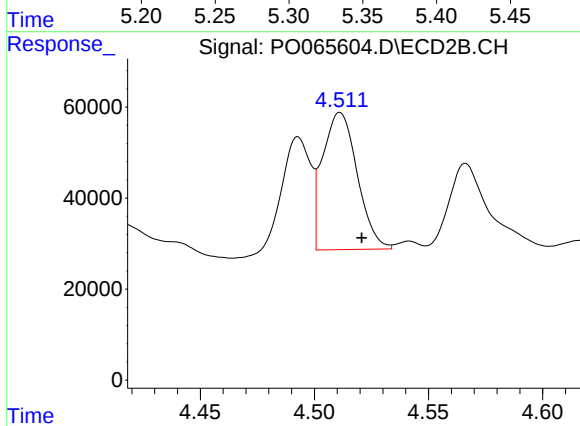
#3 AR-1016-1

R.T.: 4.511 min
Delta R.T.: 0.008 min
Response: 318924
Conc: 309.53 ng/ml



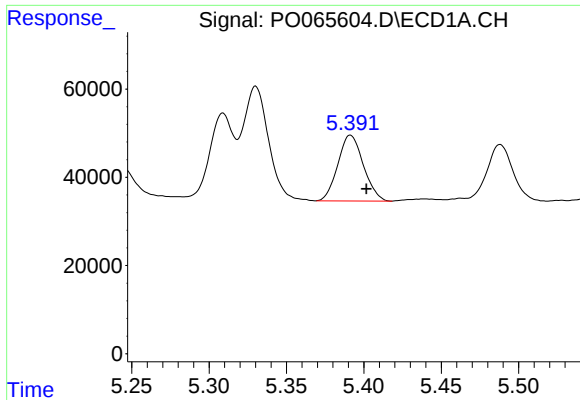
#4 AR-1016-2

R.T.: 5.330 min
Delta R.T.: -0.010 min
Response: 284084
Conc: 221.48 ng/ml



#4 AR-1016-2

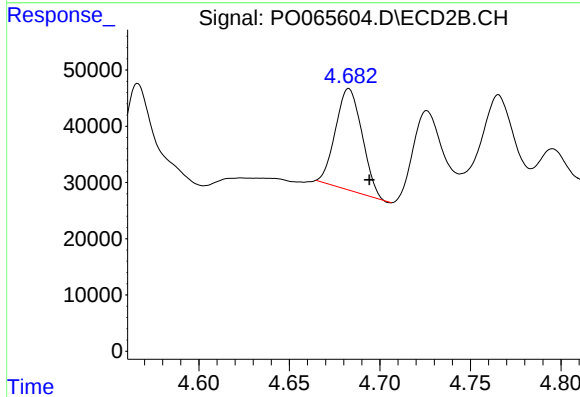
R.T.: 4.511 min
Delta R.T.: -0.010 min
Response: 318924
Conc: 220.08 ng/ml



#5 AR-1016-3

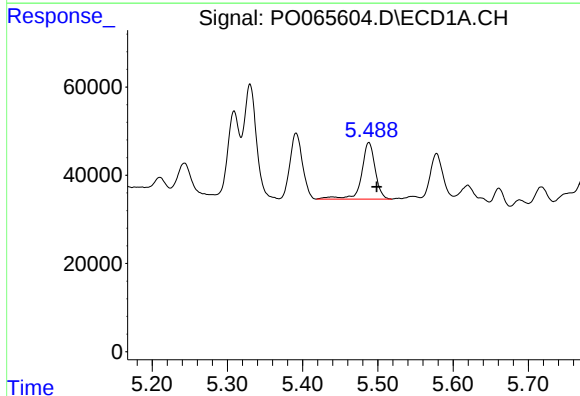
R.T.: 5.391 min
Delta R.T.: -0.010 min
Response: 171006
Conc: 217.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



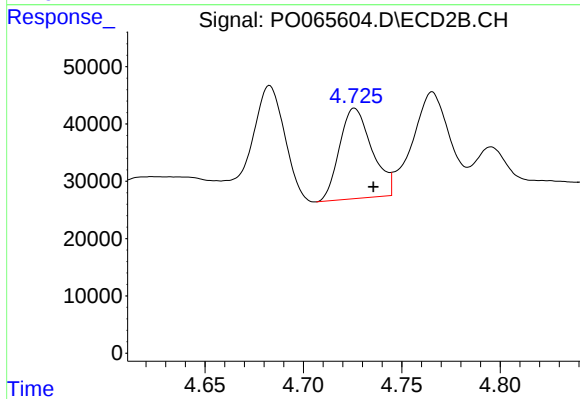
#5 AR-1016-3

R.T.: 4.683 min
Delta R.T.: -0.011 min
Response: 184543
Conc: 237.37 ng/ml



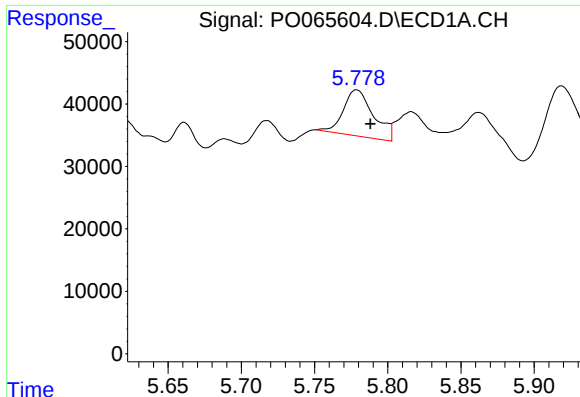
#6 AR-1016-4

R.T.: 5.488 min
Delta R.T.: -0.010 min
Response: 161304
Conc: 250.00 ng/ml



#6 AR-1016-4

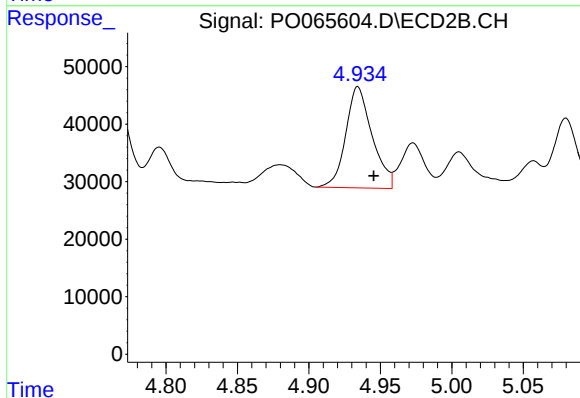
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 181388
Conc: 271.31 ng/ml



#7 AR-1016-5

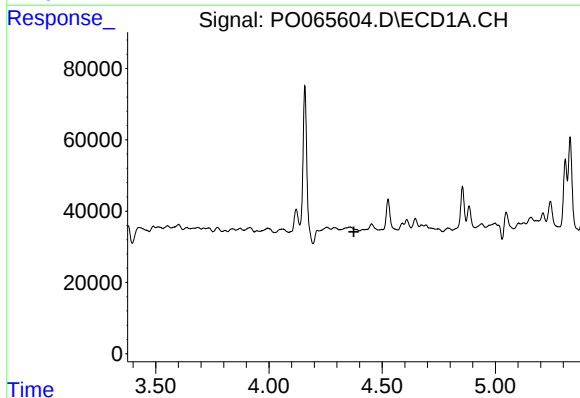
R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 106078
Conc: 160.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



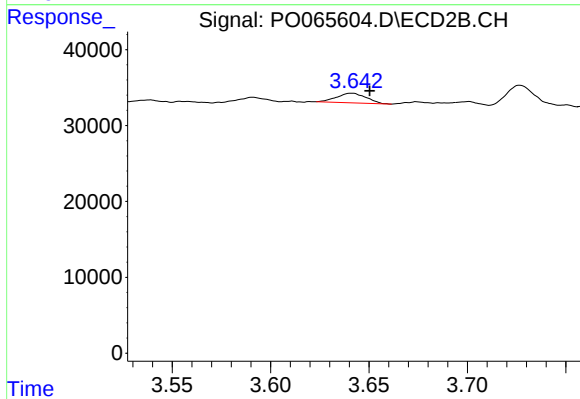
#7 AR-1016-5

R.T.: 4.934 min
Delta R.T.: -0.011 min
Response: 225951
Conc: 265.56 ng/ml



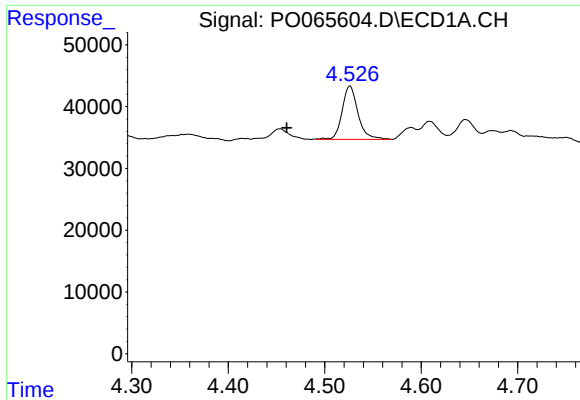
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.375 min
Response: 0
Conc: N.D.



#8 AR-1221-1

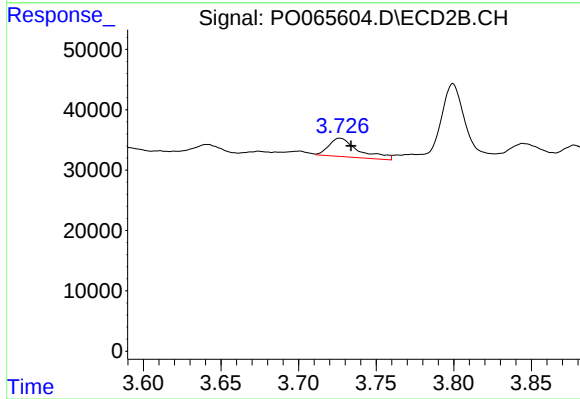
R.T.: 3.641 min
Delta R.T.: -0.009 min
Response: 13280
Conc: 51.22 ng/ml



#9 AR-1221-2

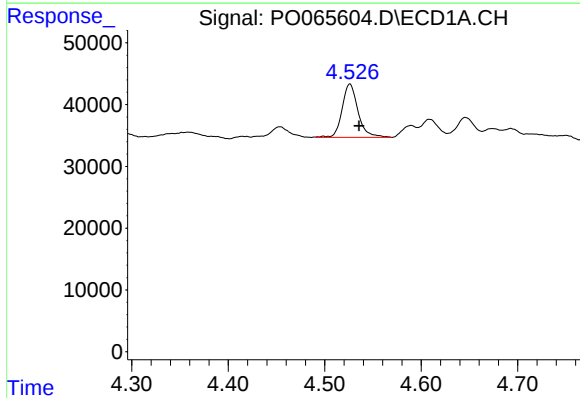
R.T.: 4.526 min
Delta R.T.: 0.065 min
Response: 99279
Conc: 635.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



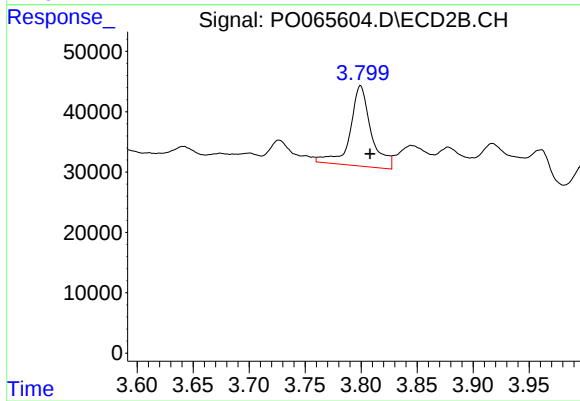
#9 AR-1221-2

R.T.: 3.727 min
Delta R.T.: -0.007 min
Response: 40781
Conc: 206.82 ng/ml



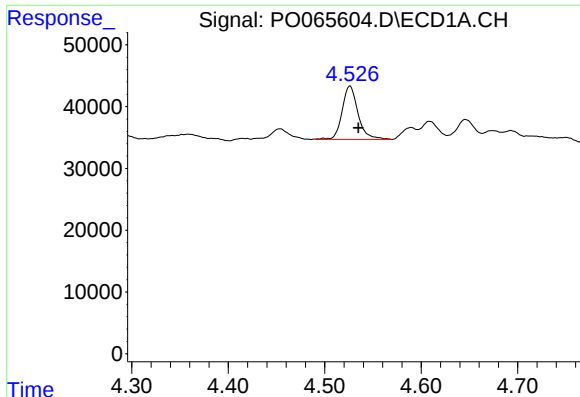
#10 AR-1221-3

R.T.: 4.526 min
Delta R.T.: -0.009 min
Response: 99279
Conc: 190.11 ng/ml



#10 AR-1221-3

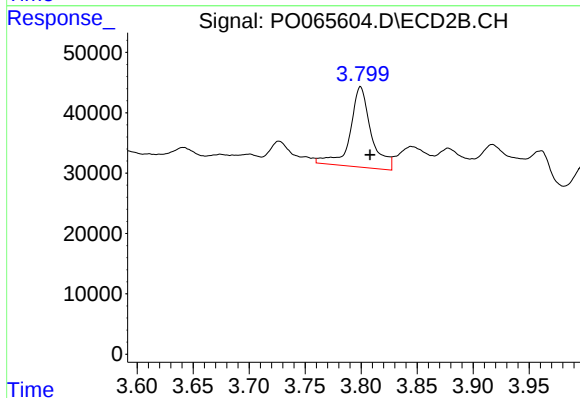
R.T.: 3.800 min
Delta R.T.: -0.008 min
Response: 173439
Conc: 269.19 ng/ml



#11 AR-1232-1

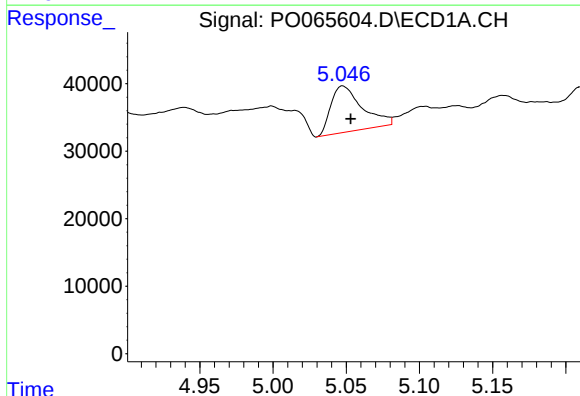
R.T.: 4.526 min
Delta R.T.: -0.009 min
Response: 99279
Conc: 245.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



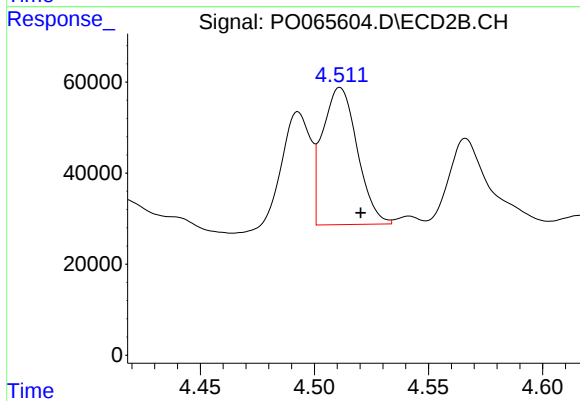
#11 AR-1232-1

R.T.: 3.800 min
Delta R.T.: -0.009 min
Response: 173439
Conc: 348.13 ng/ml



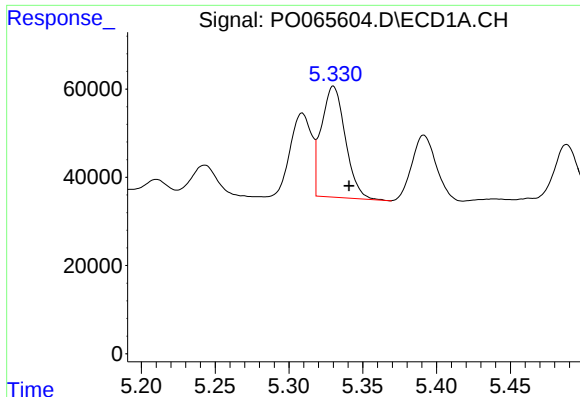
#12 AR-1232-2

R.T.: 5.048 min
Delta R.T.: -0.005 min
Response: 102179
Conc: 485.89 ng/ml



#12 AR-1232-2

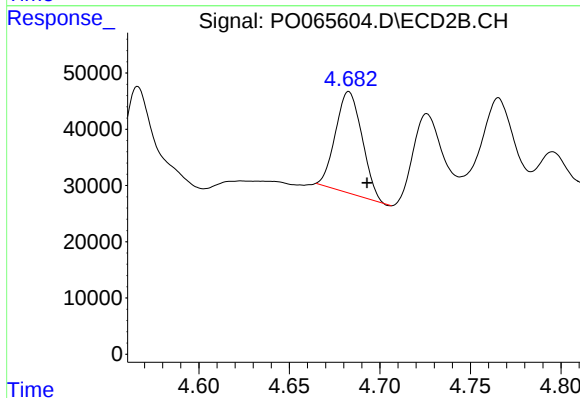
R.T.: 4.511 min
Delta R.T.: -0.009 min
Response: 318924
Conc: 591.43 ng/ml



#13 AR-1232-3

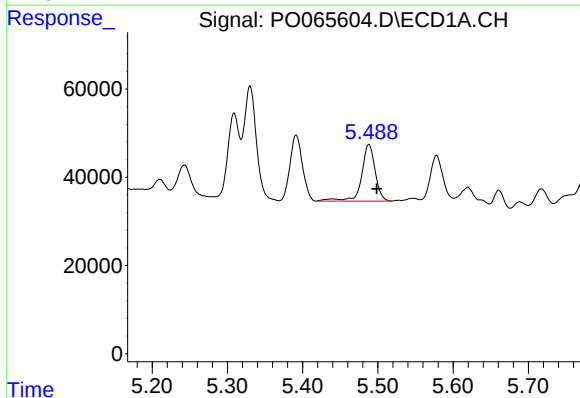
R.T.: 5.330 min
Delta R.T.: -0.010 min
Response: 284084
Conc: 608.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



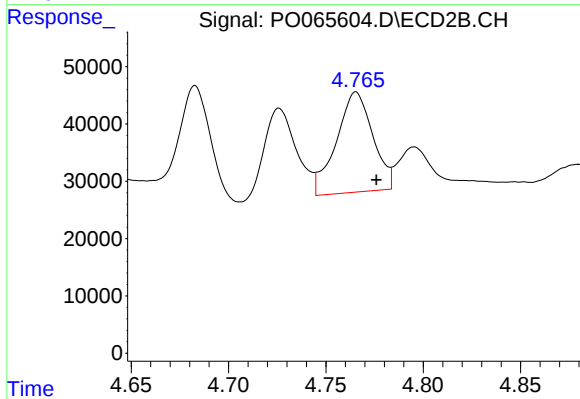
#13 AR-1232-3

R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 184543
Conc: 648.74 ng/ml



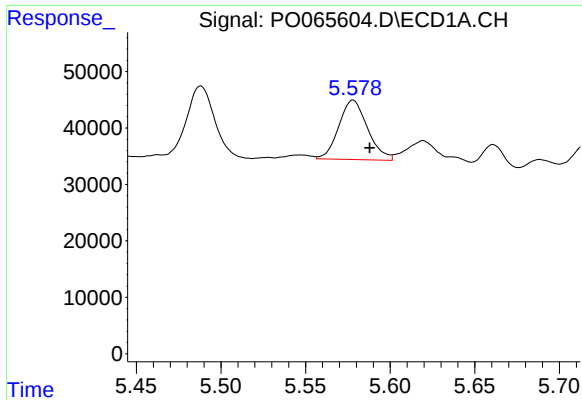
#14 AR-1232-4

R.T.: 5.488 min
Delta R.T.: -0.011 min
Response: 161304
Conc: 691.38 ng/ml



#14 AR-1232-4

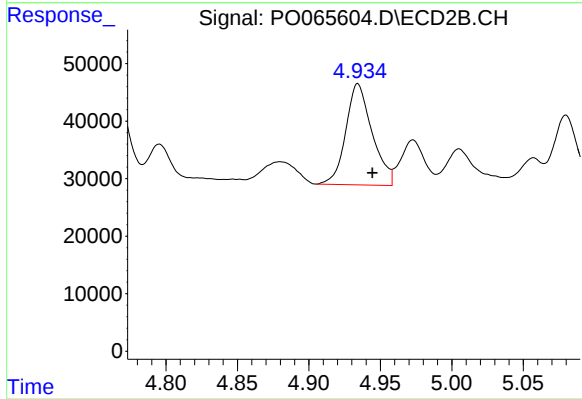
R.T.: 4.765 min
Delta R.T.: -0.010 min
Response: 227740
Conc: 851.90 ng/ml



#15 AR-1232-5

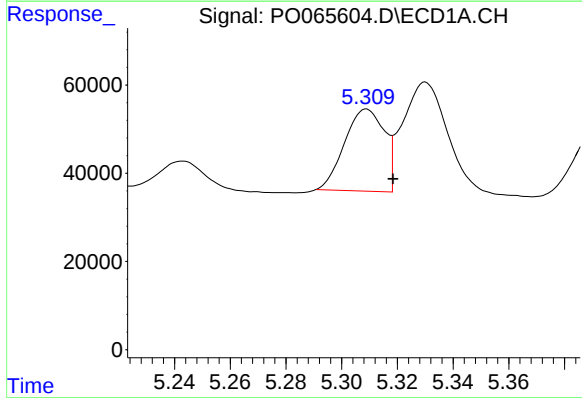
R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 124698
Conc: 705.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



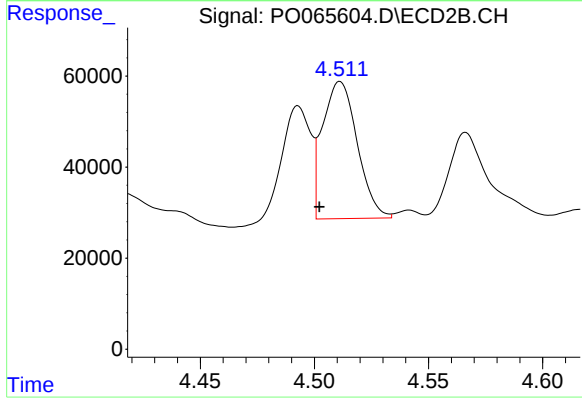
#15 AR-1232-5

R.T.: 4.934 min
Delta R.T.: -0.010 min
Response: 225951
Conc: 788.15 ng/ml



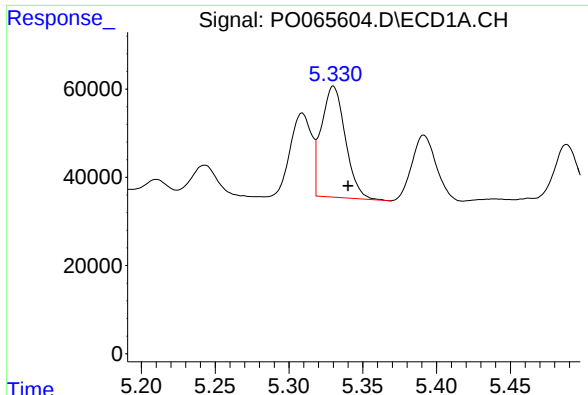
#16 AR-1242-1

R.T.: 5.309 min
Delta R.T.: -0.009 min
Response: 184312
Conc: 316.59 ng/ml



#16 AR-1242-1

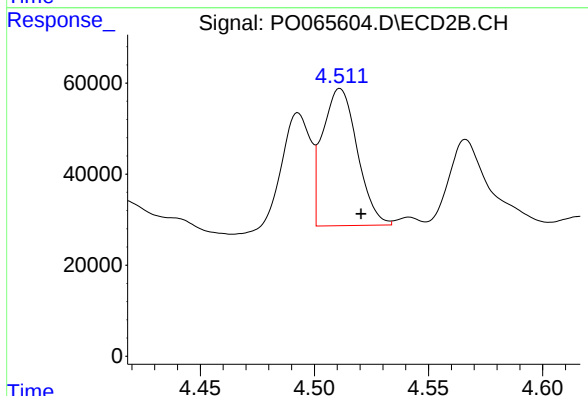
R.T.: 4.511 min
Delta R.T.: 0.009 min
Response: 318924
Conc: 467.90 ng/ml



#17 AR-1242-2

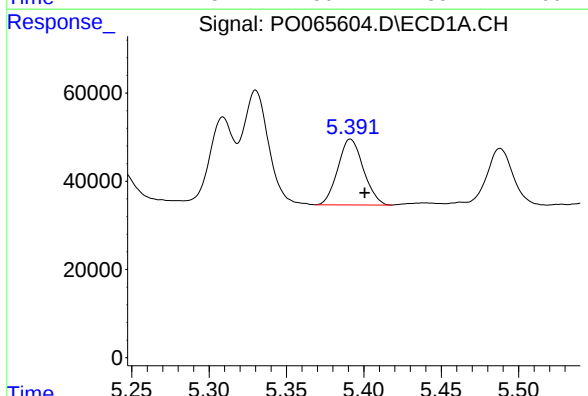
R.T.: 5.330 min
Delta R.T.: -0.010 min
Response: 284084
Conc: 332.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



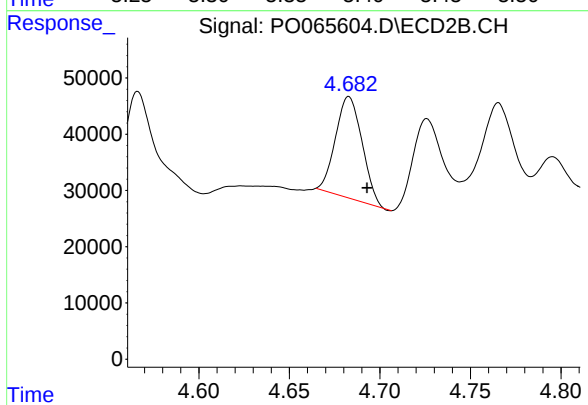
#17 AR-1242-2

R.T.: 4.511 min
Delta R.T.: -0.009 min
Response: 318924
Conc: 332.79 ng/ml



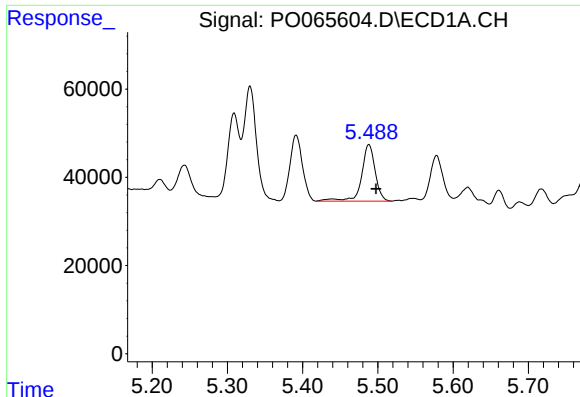
#18 AR-1242-3

R.T.: 5.391 min
Delta R.T.: -0.009 min
Response: 171006
Conc: 326.11 ng/ml



#18 AR-1242-3

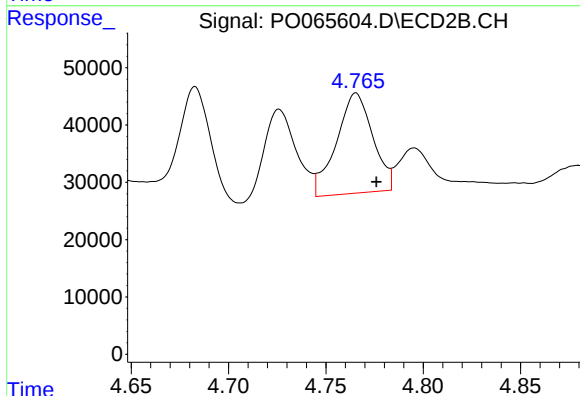
R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 184543
Conc: 360.04 ng/ml



#19 AR-1242-4

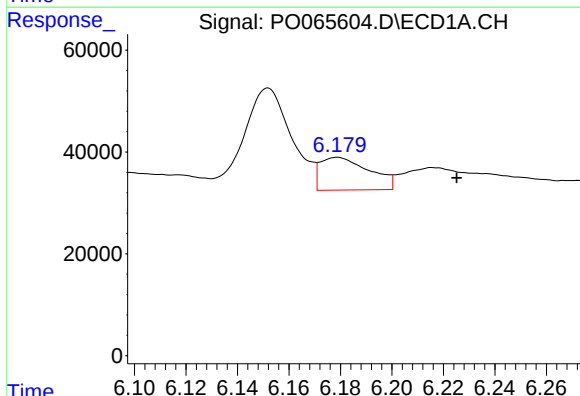
R.T.: 5.488 min
Delta R.T.: -0.010 min
Response: 161304
Conc: 380.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



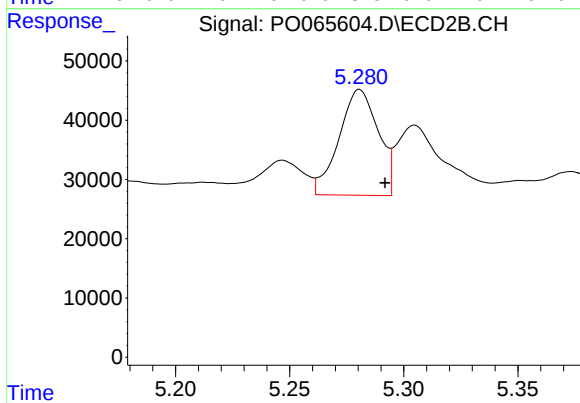
#19 AR-1242-4

R.T.: 4.765 min
Delta R.T.: -0.010 min
Response: 227740
Conc: 435.73 ng/ml



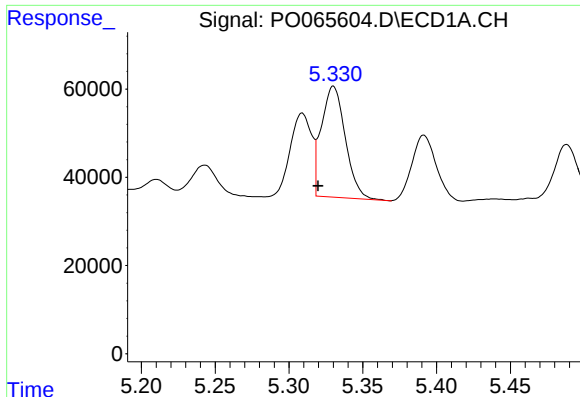
#20 AR-1242-5

R.T.: 6.179 min
Delta R.T.: -0.046 min
Response: 85466
Conc: 156.95 ng/ml



#20 AR-1242-5

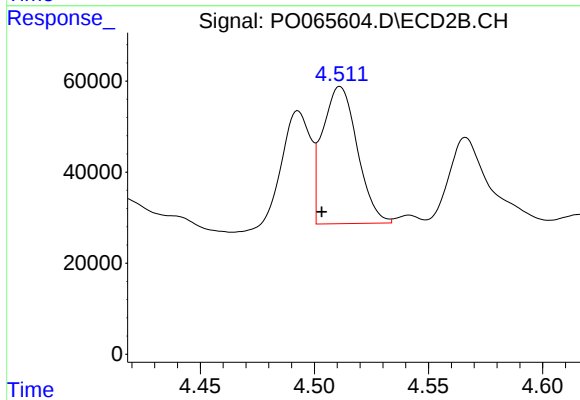
R.T.: 5.281 min
Delta R.T.: -0.011 min
Response: 213974
Conc: 294.41 ng/ml



#21 AR-1248-1

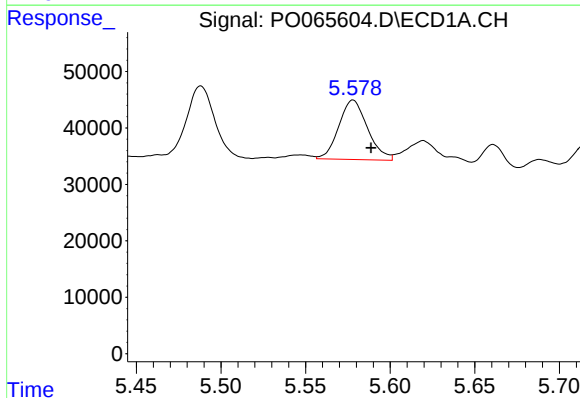
R.T.: 5.330 min
Delta R.T.: 0.010 min
Response: 284084
Conc: 610.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



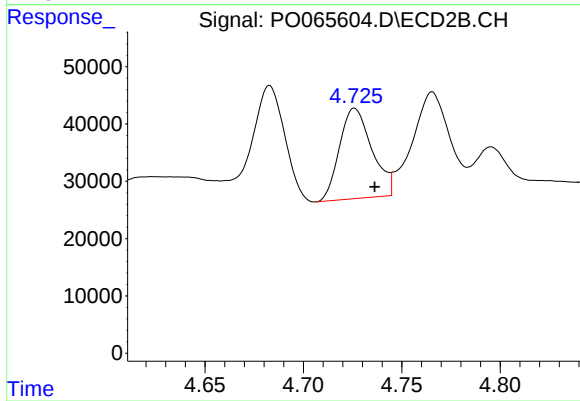
#21 AR-1248-1

R.T.: 4.511 min
Delta R.T.: 0.008 min
Response: 318924
Conc: 575.30 ng/ml



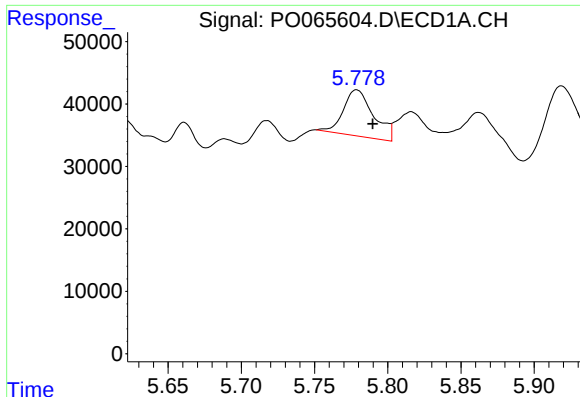
#22 AR-1248-2

R.T.: 5.578 min
Delta R.T.: -0.011 min
Response: 124698
Conc: 188.98 ng/ml



#22 AR-1248-2

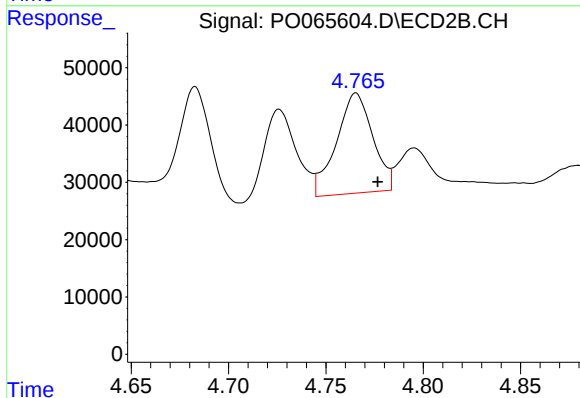
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 181388
Conc: 236.42 ng/ml



#23 AR-1248-3

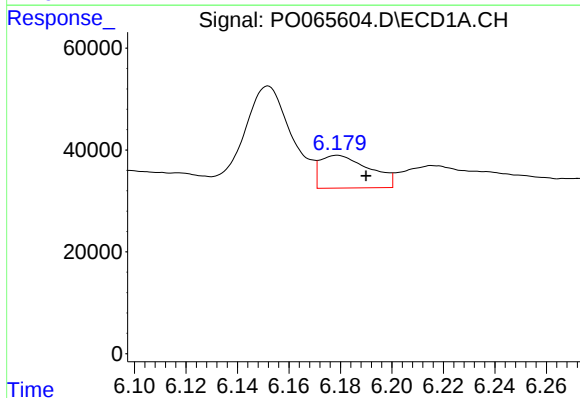
R.T.: 5.779 min
Delta R.T.: -0.011 min
Response: 106078
Conc: 140.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



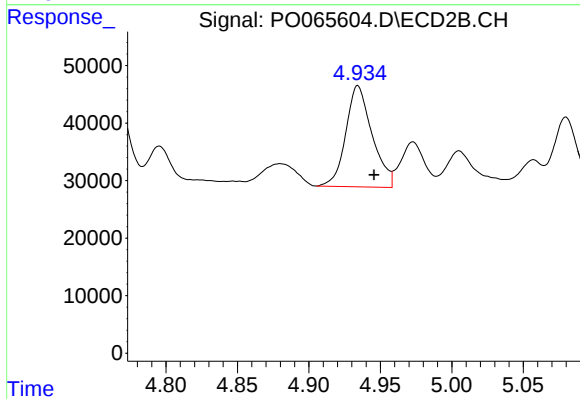
#23 AR-1248-3

R.T.: 4.765 min
Delta R.T.: -0.011 min
Response: 227740
Conc: 289.46 ng/ml



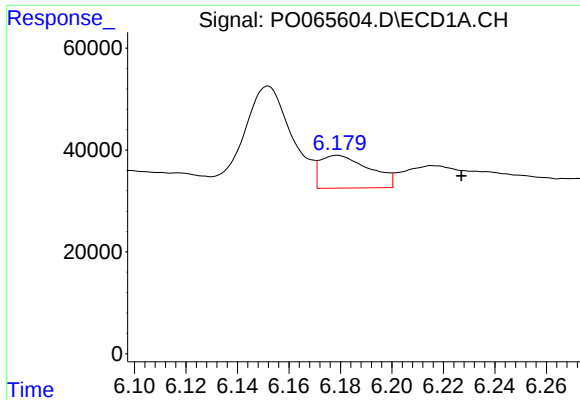
#24 AR-1248-4

R.T.: 6.179 min
Delta R.T.: -0.011 min
Response: 85466
Conc: 90.22 ng/ml



#24 AR-1248-4

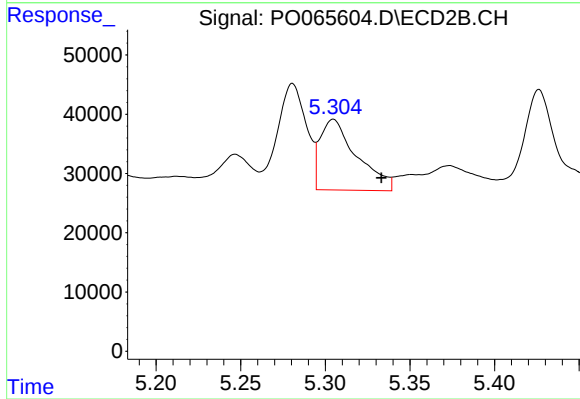
R.T.: 4.934 min
Delta R.T.: -0.011 min
Response: 225951
Conc: 235.73 ng/ml



#25 AR-1248-5

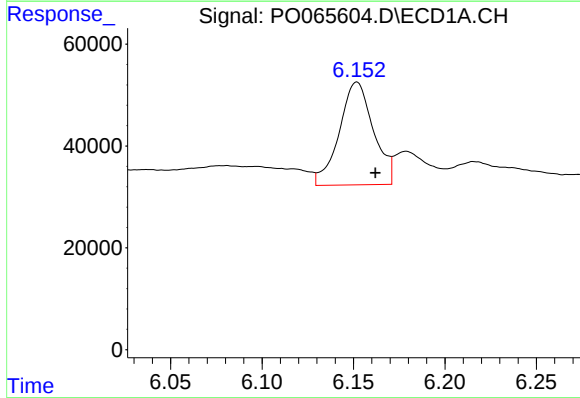
R.T.: 6.179 min
Delta R.T.: -0.048 min
Response: 85466
Conc: 93.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



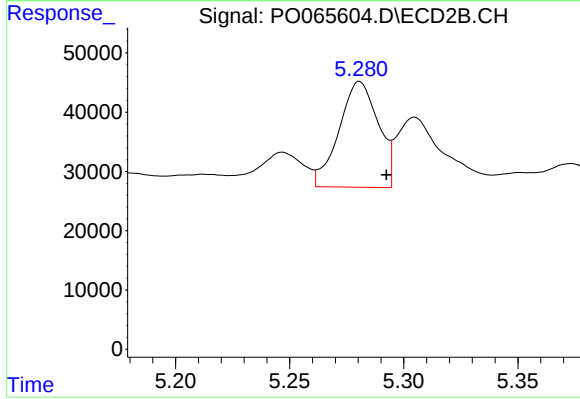
#25 AR-1248-5

R.T.: 5.305 min
Delta R.T.: -0.028 min
Response: 180251
Conc: 178.06 ng/ml



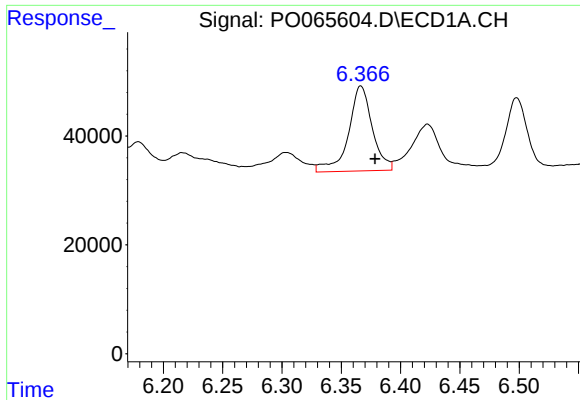
#26 AR-1254-1

R.T.: 6.152 min
Delta R.T.: -0.010 min
Response: 263122
Conc: 310.17 ng/ml



#26 AR-1254-1

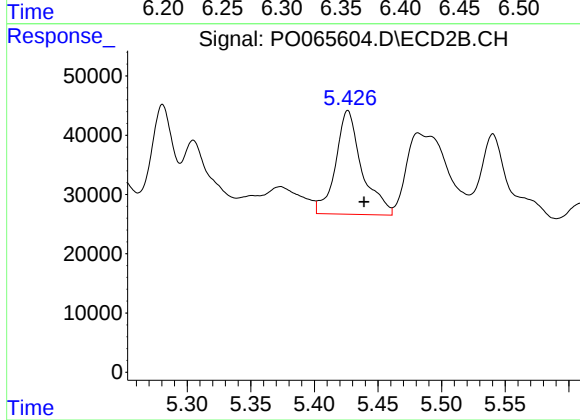
R.T.: 5.281 min
Delta R.T.: -0.012 min
Response: 213974
Conc: 147.70 ng/ml



#27 AR-1254-2

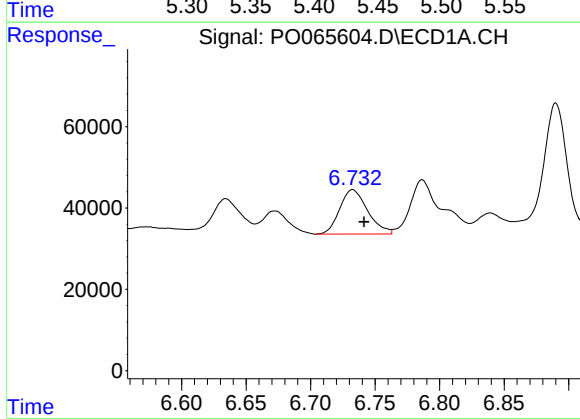
R.T.: 6.367 min
Delta R.T.: -0.012 min
Response: 218605
Conc: 159.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



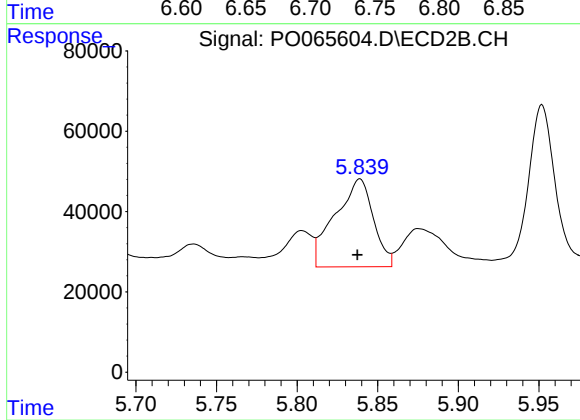
#27 AR-1254-2

R.T.: 5.426 min
Delta R.T.: -0.013 min
Response: 251963
Conc: 190.49 ng/ml



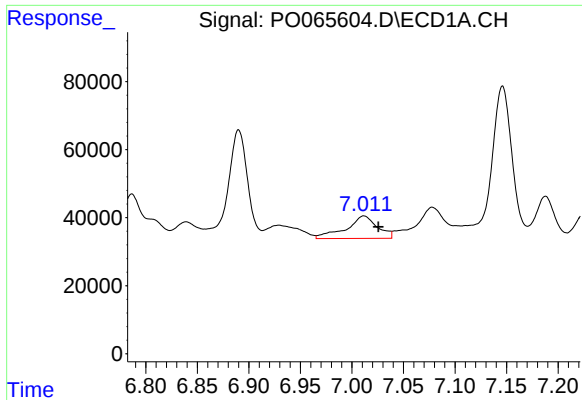
#28 AR-1254-3

R.T.: 6.733 min
Delta R.T.: -0.009 min
Response: 164745
Conc: 106.29 ng/ml



#28 AR-1254-3

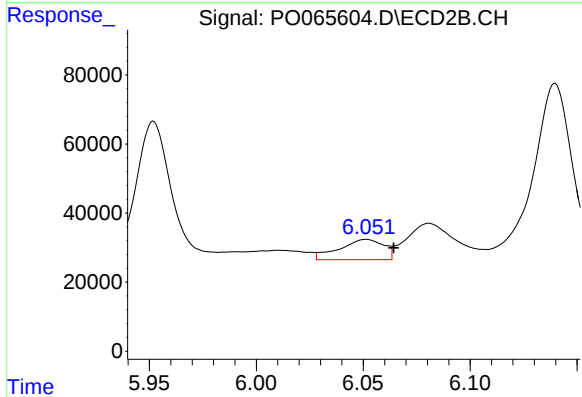
R.T.: 5.839 min
Delta R.T.: 0.002 min
Response: 362530
Conc: 160.87 ng/ml



#29 AR-1254-4

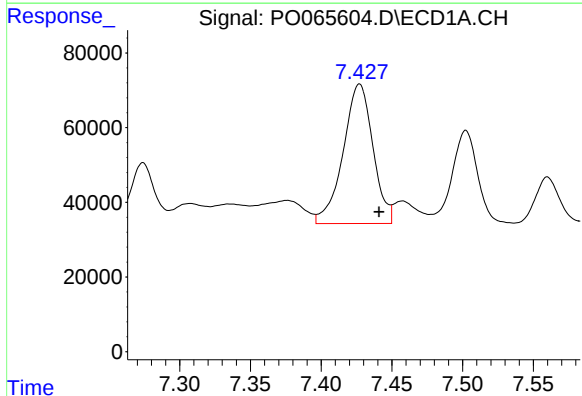
R.T.: 7.012 min
Delta R.T.: -0.014 min
Response: 140059
Conc: 109.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



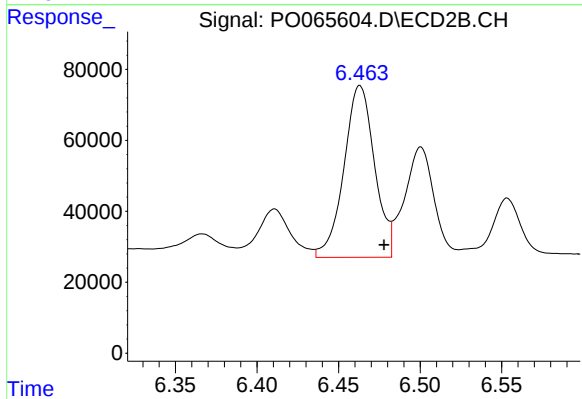
#29 AR-1254-4

R.T.: 6.051 min
Delta R.T.: -0.013 min
Response: 85066
Conc: 56.43 ng/ml



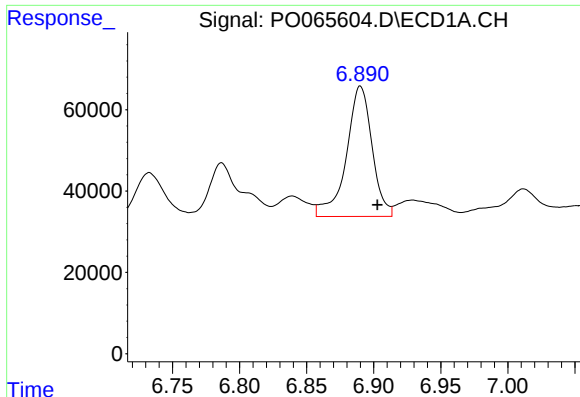
#30 AR-1254-5

R.T.: 7.427 min
Delta R.T.: -0.014 min
Response: 548521
Conc: 390.60 ng/ml



#30 AR-1254-5

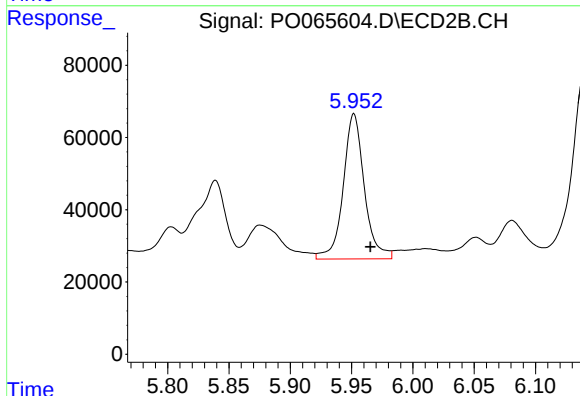
R.T.: 6.463 min
Delta R.T.: -0.015 min
Response: 632523
Conc: 284.16 ng/ml



#31 AR-1260-1

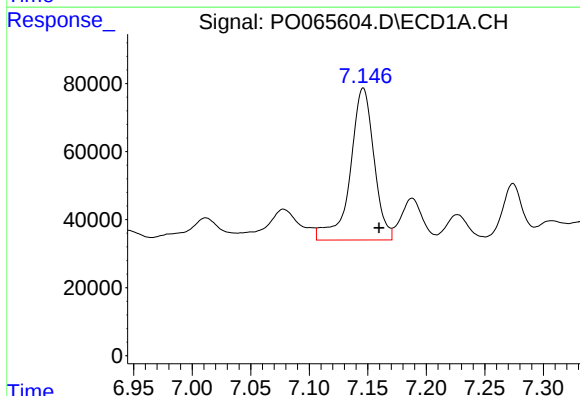
R.T.: 6.890 min
Delta R.T.: -0.013 min
Response: 427347
Conc: 309.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



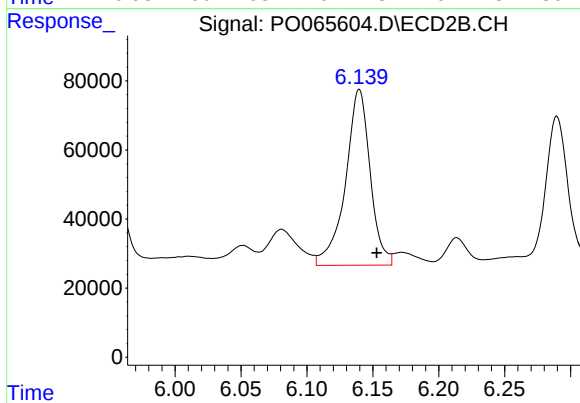
#31 AR-1260-1

R.T.: 5.952 min
Delta R.T.: -0.013 min
Response: 481971
Conc: 256.01 ng/ml



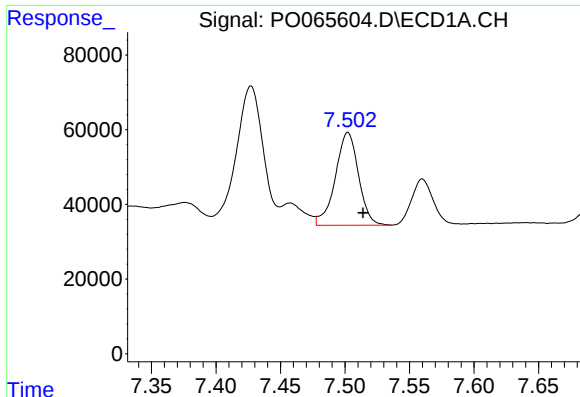
#32 AR-1260-2

R.T.: 7.146 min
Delta R.T.: -0.013 min
Response: 632309
Conc: 360.39 ng/ml



#32 AR-1260-2

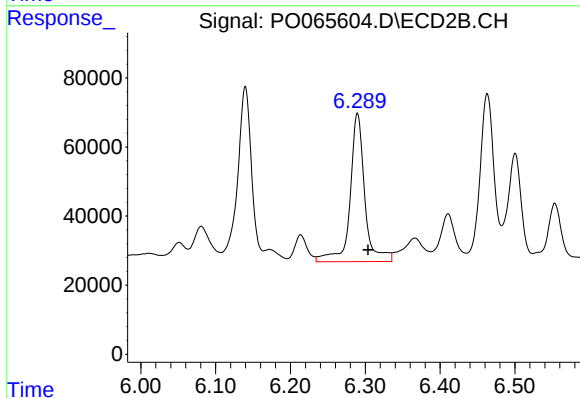
R.T.: 6.140 min
Delta R.T.: -0.013 min
Response: 665155
Conc: 273.78 ng/ml



#33 AR-1260-3

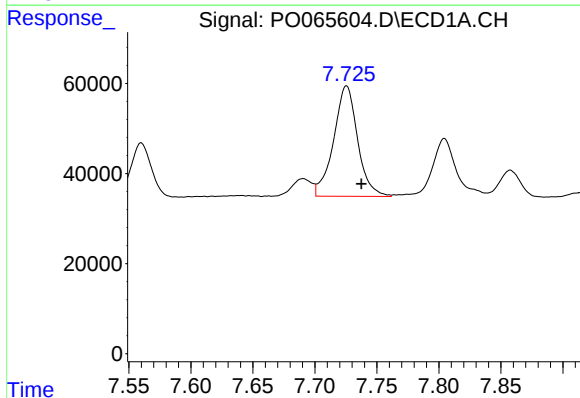
R.T.: 7.502 min
Delta R.T.: -0.012 min
Response: 311496
Conc: 220.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



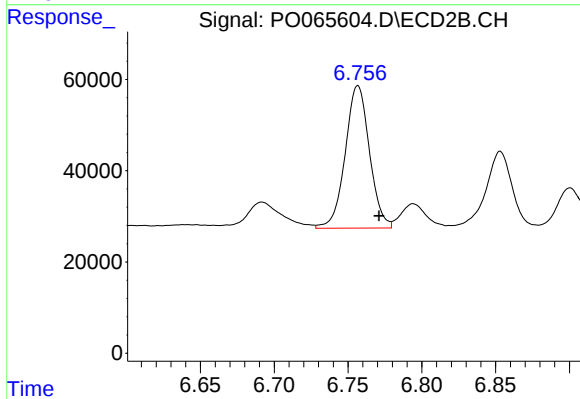
#33 AR-1260-3

R.T.: 6.290 min
Delta R.T.: -0.014 min
Response: 584754
Conc: 270.16 ng/ml



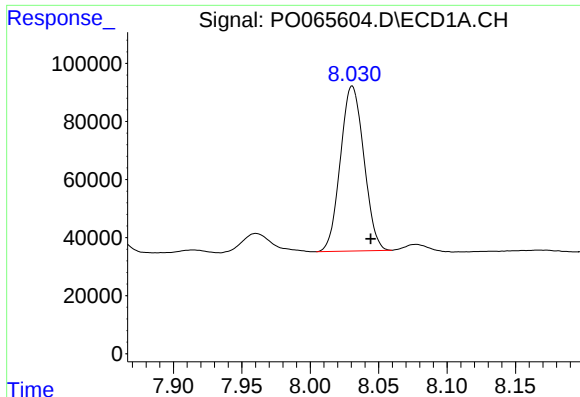
#34 AR-1260-4

R.T.: 7.726 min
Delta R.T.: -0.012 min
Response: 330418
Conc: 189.24 ng/ml



#34 AR-1260-4

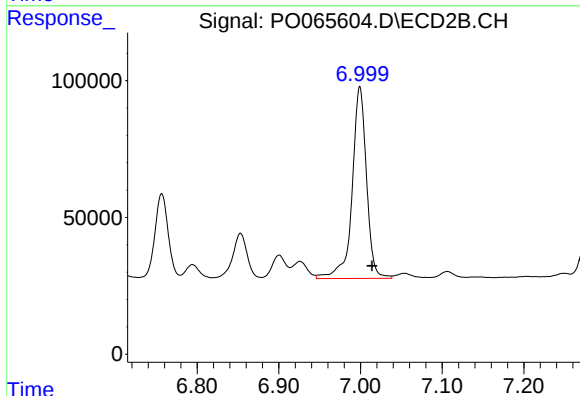
R.T.: 6.757 min
Delta R.T.: -0.014 min
Response: 357432
Conc: 178.16 ng/ml



#35 AR-1260-5

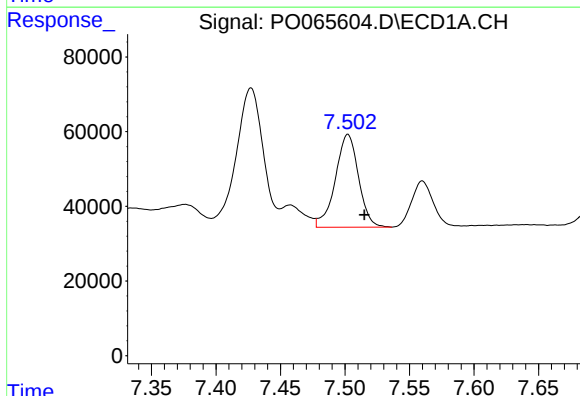
R.T.: 8.031 min
Delta R.T.: -0.013 min
Response: 678259
Conc: 202.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



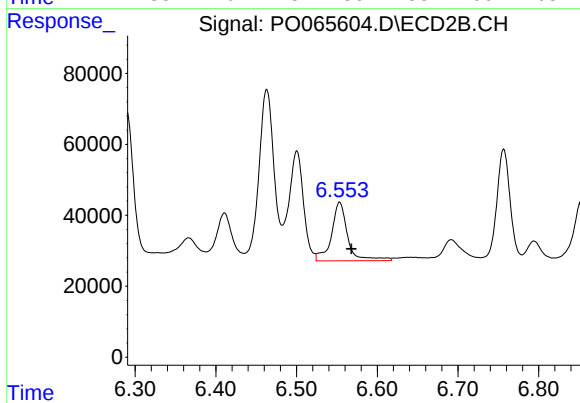
#35 AR-1260-5

R.T.: 6.999 min
Delta R.T.: -0.015 min
Response: 857477
Conc: 173.21 ng/ml



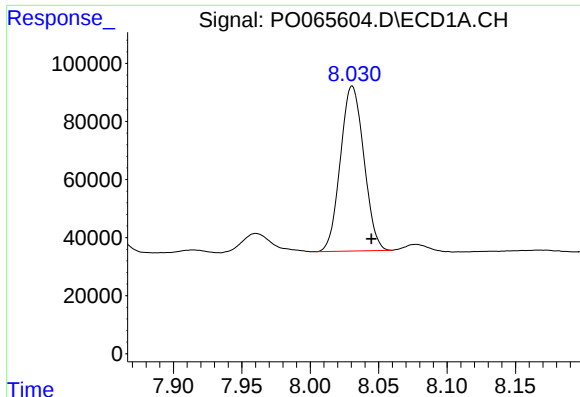
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.013 min
Response: 311496
Conc: 188.30 ng/ml



#36 AR-1262-1

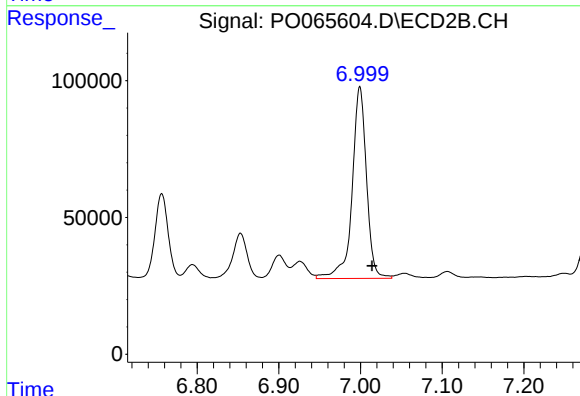
R.T.: 6.553 min
Delta R.T.: -0.015 min
Response: 232304
Conc: 246.41 ng/ml



#37 AR-1262-2

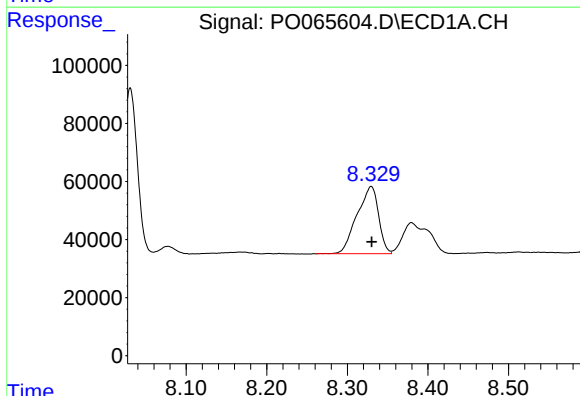
R.T.: 8.031 min
Delta R.T.: -0.014 min
Response: 678259
Conc: 211.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



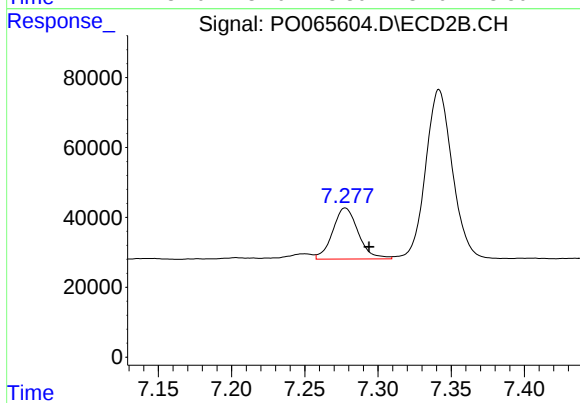
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.015 min
Response: 857477
Conc: 190.83 ng/ml



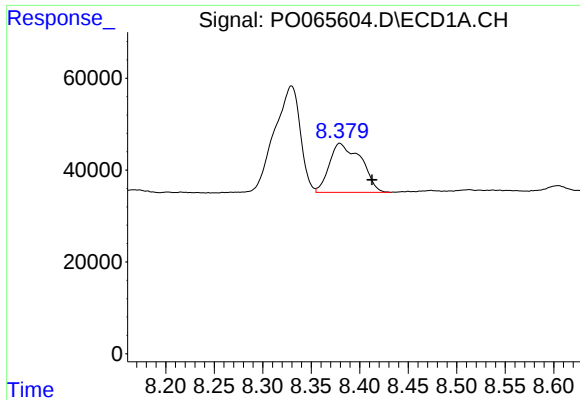
#38 AR-1262-3

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 430227
Conc: 188.99 ng/ml



#38 AR-1262-3

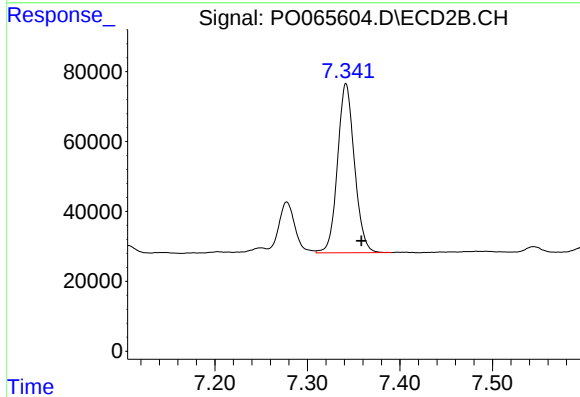
R.T.: 7.278 min
Delta R.T.: -0.016 min
Response: 177922
Conc: 105.71 ng/ml



#39 AR-1262-4

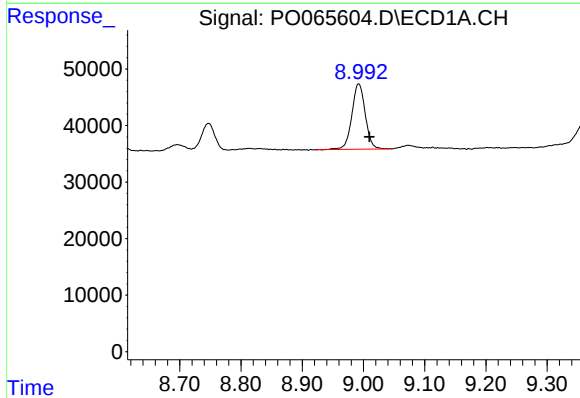
R.T.: 8.380 min
Delta R.T.: -0.033 min
Response: 242304
Conc: 137.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



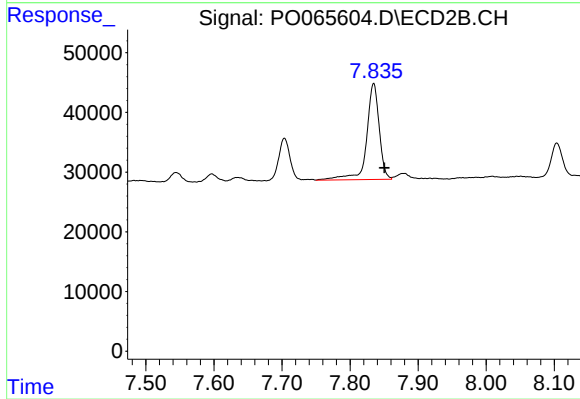
#39 AR-1262-4

R.T.: 7.342 min
Delta R.T.: -0.017 min
Response: 615836
Conc: 179.07 ng/ml



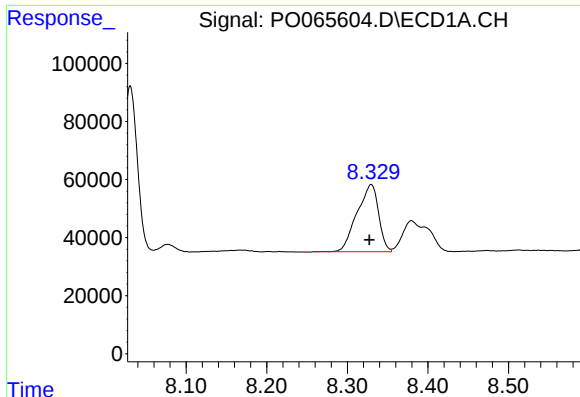
#40 AR-1262-5

R.T.: 8.992 min
Delta R.T.: -0.018 min
Response: 176620
Conc: 132.77 ng/ml



#40 AR-1262-5

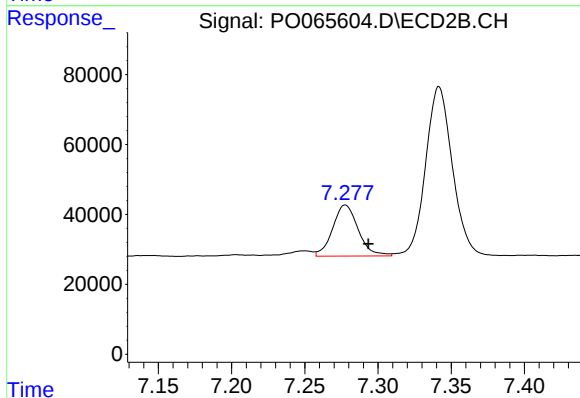
R.T.: 7.835 min
Delta R.T.: -0.016 min
Response: 206458
Conc: 121.07 ng/ml



#41 AR-1268-1

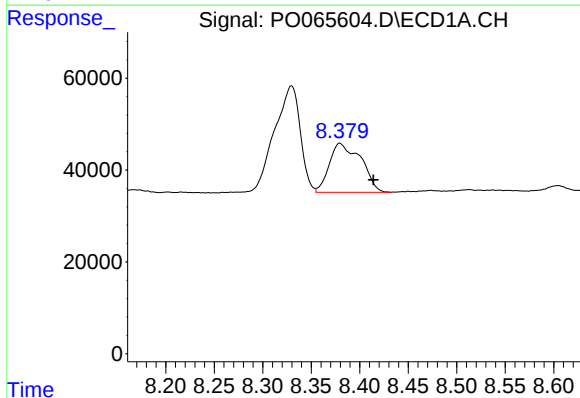
R.T.: 8.330 min
Delta R.T.: 0.002 min
Response: 430227
Conc: 105.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



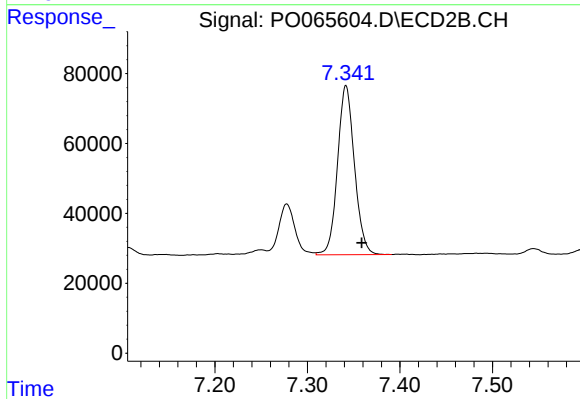
#41 AR-1268-1

R.T.: 7.278 min
Delta R.T.: -0.016 min
Response: 177922
Conc: 33.50 ng/ml



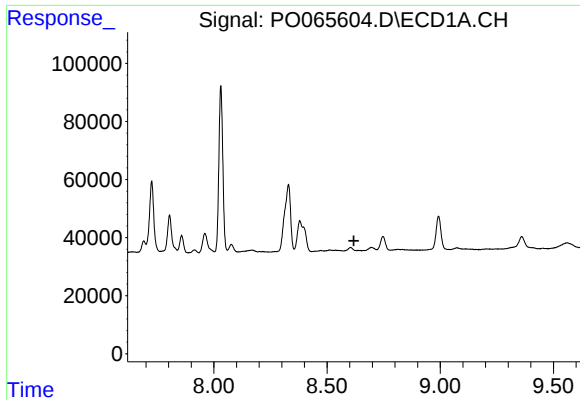
#42 AR-1268-2

R.T.: 8.380 min
Delta R.T.: -0.035 min
Response: 242304
Conc: 62.96 ng/ml



#42 AR-1268-2

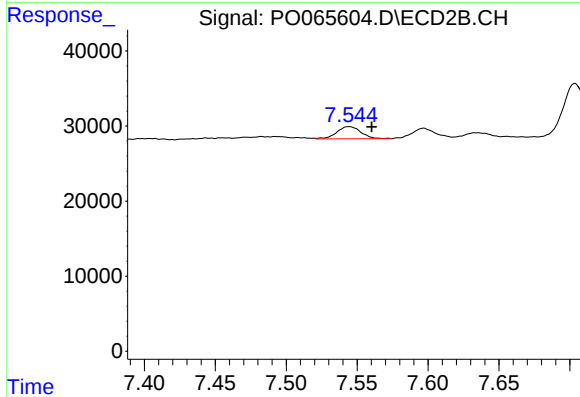
R.T.: 7.342 min
Delta R.T.: -0.017 min
Response: 615836
Conc: 121.24 ng/ml



#43 AR-1268-3

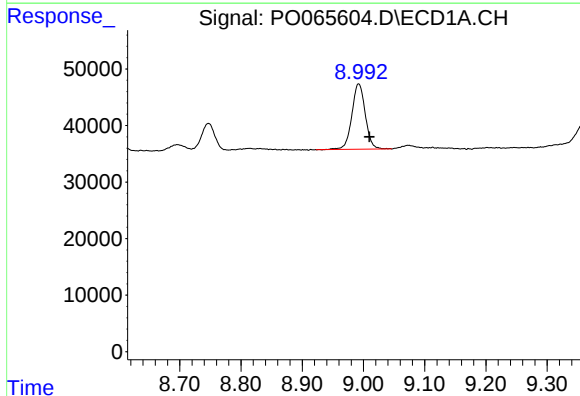
R.T.: 0.000 min
Exp R.T.: 8.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



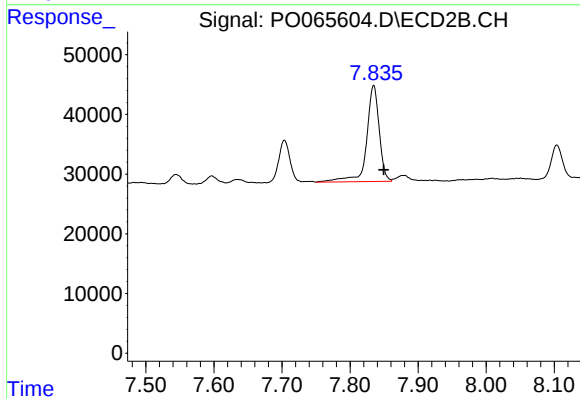
#43 AR-1268-3

R.T.: 7.544 min
Delta R.T.: -0.016 min
Response: 19302
Conc: 4.54 ng/ml



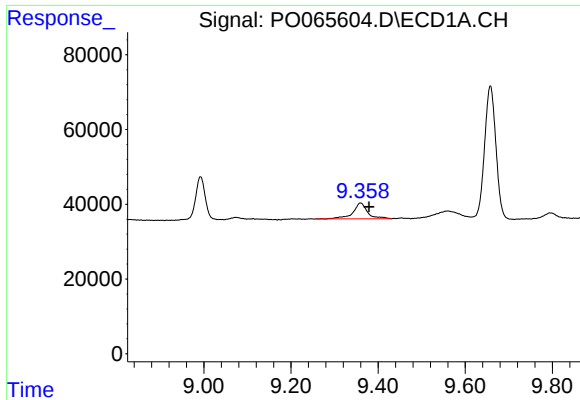
#44 AR-1268-4

R.T.: 8.992 min
Delta R.T.: -0.017 min
Response: 176620
Conc: 114.98 ng/ml



#44 AR-1268-4

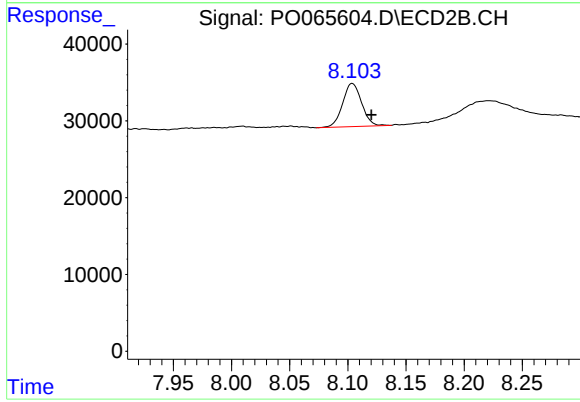
R.T.: 7.835 min
Delta R.T.: -0.015 min
Response: 206458
Conc: 104.31 ng/ml



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: -0.020 min
Response: 98167
Conc: 8.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.104 min
Delta R.T.: -0.017 min
Response: 63577
Conc: 4.42 ng/ml