

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102721\
 Data File : PO082257.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2021 21:03
 Operator : AJ\MA
 Sample : PB140284BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 02:38:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 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...	4.978	3.972	1709642	614931	21.158	20.842
2)	SA Decachlor...	11.096	9.296	1286942	608303	23.155	23.883
Target Compounds							
3)	L1 AR-1016-1	6.312	5.233	1240720	562470	490.188	463.980
4)	L1 AR-1016-2	6.336	5.253	1744206	773838	482.748	467.727
5)	L1 AR-1016-3	6.402	5.445	1071782	420146	502.741	472.080
6)	L1 AR-1016-4	6.510	5.498	879990	344832	500.687	474.662
7)	L1 AR-1016-5	6.828	5.726	848101	432297	496.978	485.142
8)	L2 AR-1221-1	5.227	4.230	170575	50156	197.377	135.848 #
9)	L2 AR-1221-2	5.332	4.330	145474	63740	226.378	227.591
10)	L2 AR-1221-3	5.420	4.419	651442	301996	319.645	358.172
11)	L3 AR-1232-1	5.420	4.419	651442	301996	431.941	458.854
12)	L3 AR-1232-2	6.013	5.253	920750	773838	1123.850	1083.134
13)	L3 AR-1232-3	6.336	5.445	1744206	420146	1180.303	1108.532
14)	L3 AR-1232-4	6.510	5.542	879990	408311	1242.919	1163.516
15)	L3 AR-1232-5	6.610	5.726	703533	432297	1386.525	1138.442
16)	L4 AR-1242-1	6.312	5.233	1240720	562470	653.584	614.482
17)	L4 AR-1242-2	6.336	5.253	1744206	773838	649.861	630.629
18)	L4 AR-1242-3	6.402	5.445	1071782	420146	662.637	624.485
19)	L4 AR-1242-4	6.510	5.542	879990	408311	689.246	608.265
20)	L4 AR-1242-5	7.300	6.108	118389	351328	93.082	408.879 #
21)	L5 AR-1248-1	6.312	5.233	1240720	562470	833.722	769.985
22)	L5 AR-1248-2	6.610	5.498	703533	344832	361.805	358.592
23)	L5 AR-1248-3	6.828	5.542	848101	408311	390.418	414.306
24)	L5 AR-1248-4	7.260	5.726	129180	432297	54.753	376.086 #
25)	L5 AR-1248-5	7.300	6.151	118389	54126	53.125	49.821
26)	L6 AR-1254-1	7.229	6.108	622093	351328	259.758	210.962
27)	L6 AR-1254-2	7.460	6.269	663114	338642	181.792	226.822
28)	L6 AR-1254-3	7.846	6.710	330306	610317	91.275	272.549 #
29)	L6 AR-1254-4	8.142	6.930	204374	78808	75.841	53.658 #
30)	L6 AR-1254-5	8.574	7.361	2073443	1133784	711.919	550.567
31)	L7 AR-1260-1	8.014	6.828	1473836	823244	522.202	497.322
32)	L7 AR-1260-2	8.281	7.027	1716152	1040576	515.869	518.775
33)	L7 AR-1260-3	8.649	7.181	1095386	907336	485.985	478.948
34)	L7 AR-1260-4	8.881	7.666	1353060	658879	511.101	480.705
35)	L7 AR-1260-5	9.216	7.915	2550548	1604319	465.555	485.540
36)	L8 AR-1262-1	8.649	7.361	1095386	1133784	320.220	1027.812 #
37)	L8 AR-1262-2	9.216	7.915	2550548	1604319	406.168	449.066
38)	L8 AR-1262-3	9.557f	8.204	1652243	342078	600.768	227.265 #
39)	L8 AR-1262-4	9.612f	8.266	898200	1131239	536.448	425.033
40)	L8 AR-1262-5	10.319	8.767	663243	360808	291.045	285.644
41)	L9 AR-1268-1	9.557f	8.204	1652243	342078	221.185	81.180 #

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 Operator : AJ\MA
 Sample : PB140284BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

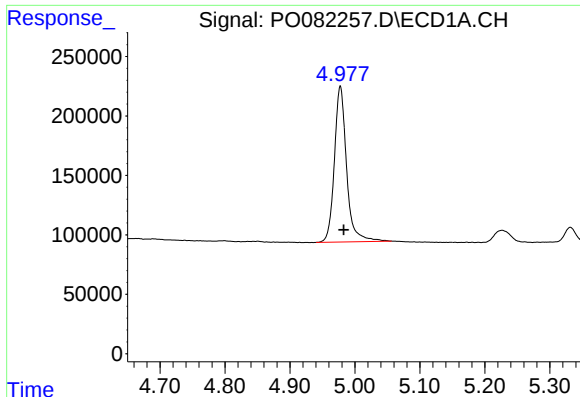
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 02:38:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.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	9.612f	8.266	898200	1131239	132.769	297.797 #
43) L9	AR-1268-3	9.866	8.477	46608	27338	7.893	8.430
44) L9	AR-1268-4	10.319	8.767	663243	360808	262.094	259.738
45) L9	AR-1268-5	10.747	9.049	220340	118068	10.954	12.197

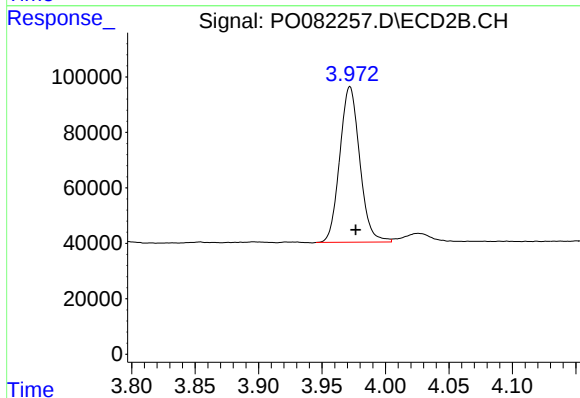
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

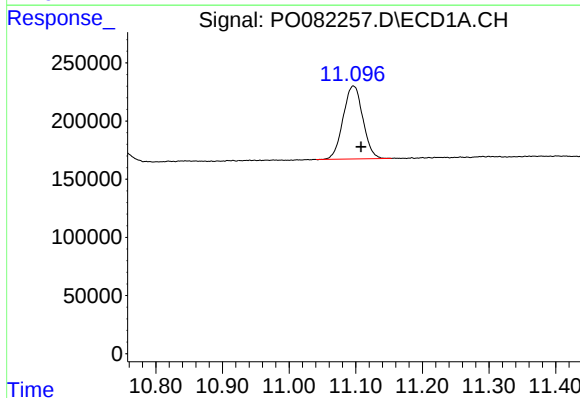
R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 1709642
Conc: 21.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



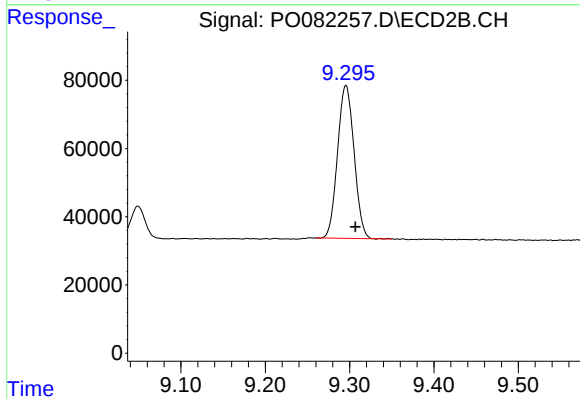
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 614931
Conc: 20.84 ng/ml



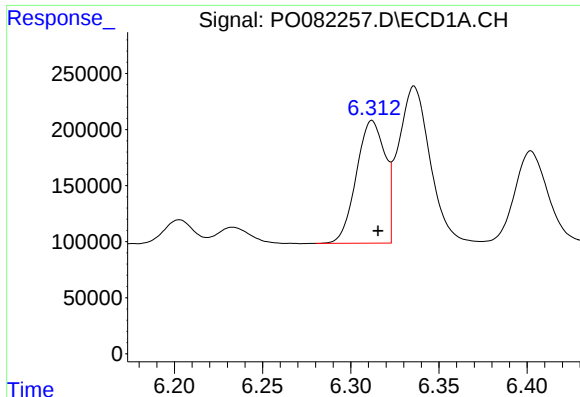
#2 Decachlorobiphenyl

R.T.: 11.096 min
Delta R.T.: -0.012 min
Response: 1286942
Conc: 23.16 ng/ml



#2 Decachlorobiphenyl

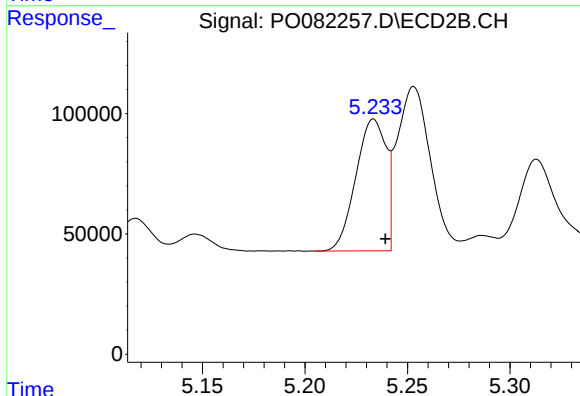
R.T.: 9.296 min
Delta R.T.: -0.011 min
Response: 608303
Conc: 23.88 ng/ml



#3 AR-1016-1

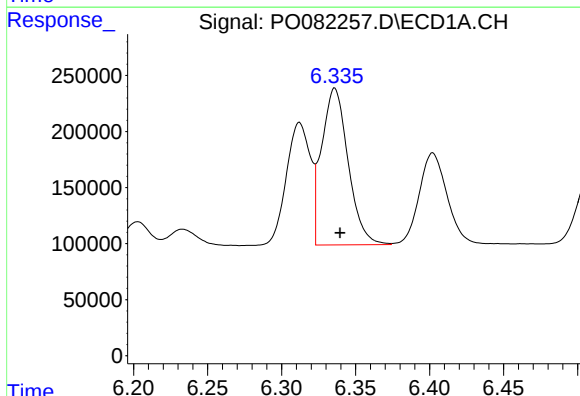
R.T.: 6.312 min
Delta R.T.: -0.003 min
Response: 1240720
Conc: 490.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



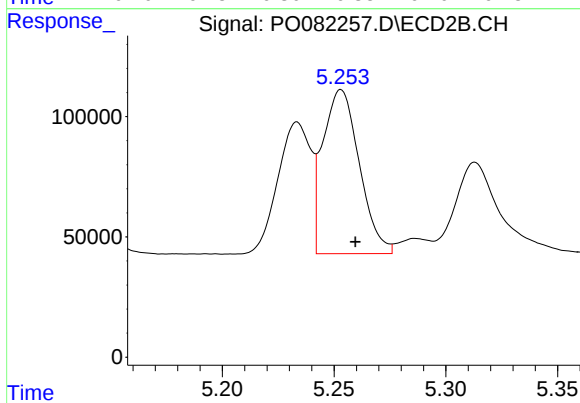
#3 AR-1016-1

R.T.: 5.233 min
Delta R.T.: -0.006 min
Response: 562470
Conc: 463.98 ng/ml



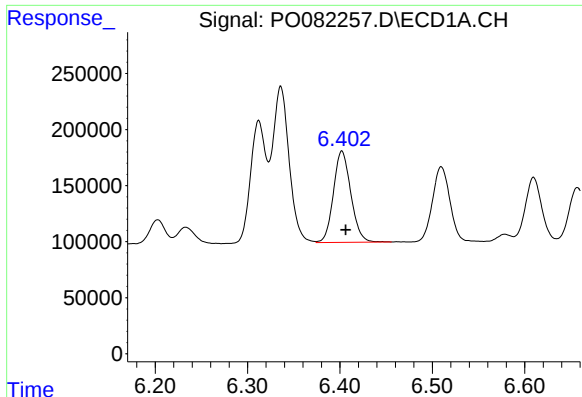
#4 AR-1016-2

R.T.: 6.336 min
Delta R.T.: -0.004 min
Response: 1744206
Conc: 482.75 ng/ml



#4 AR-1016-2

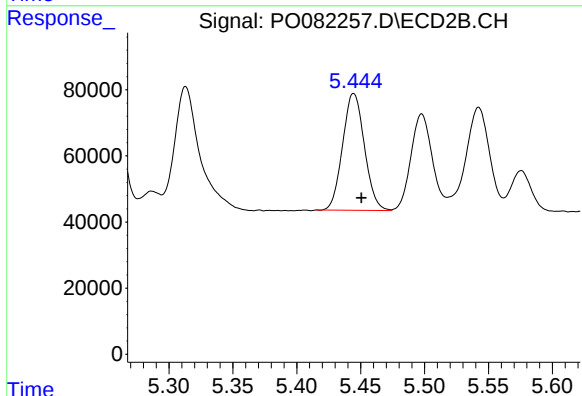
R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 773838
Conc: 467.73 ng/ml



#5 AR-1016-3

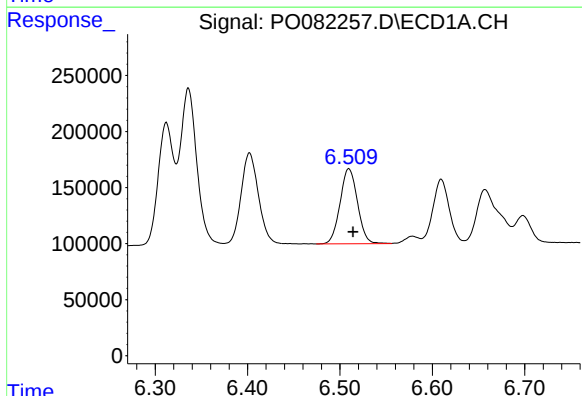
R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 1071782
Conc: 502.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



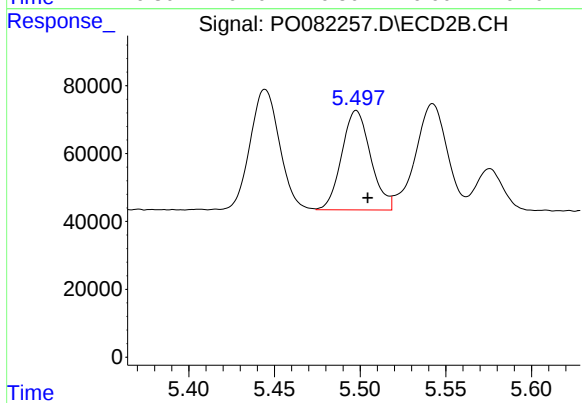
#5 AR-1016-3

R.T.: 5.445 min
Delta R.T.: -0.006 min
Response: 420146
Conc: 472.08 ng/ml



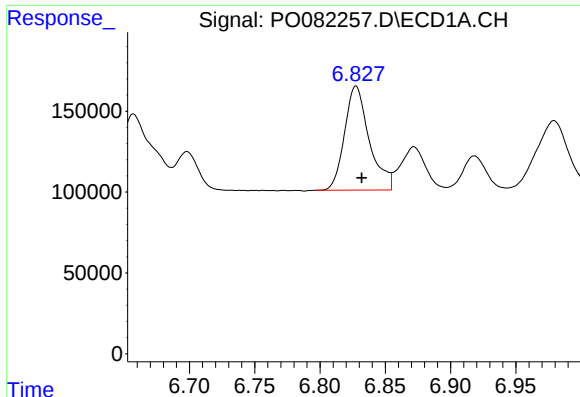
#6 AR-1016-4

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 879990
Conc: 500.69 ng/ml



#6 AR-1016-4

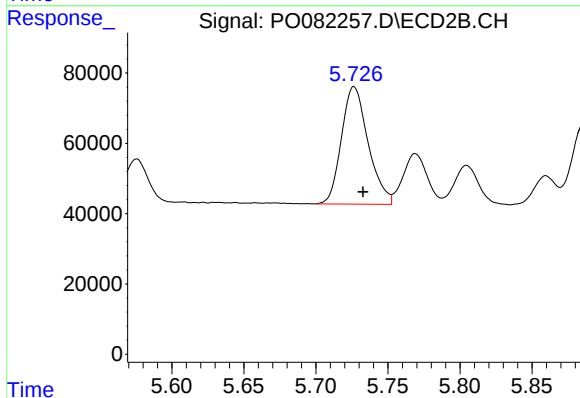
R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 344832
Conc: 474.66 ng/ml



#7 AR-1016-5

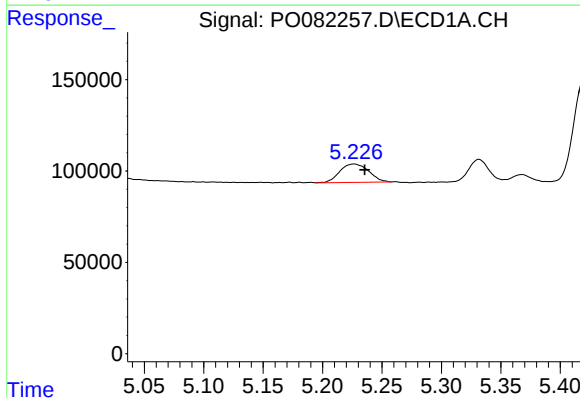
R.T.: 6.828 min
Delta R.T.: -0.005 min
Response: 848101
Conc: 496.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



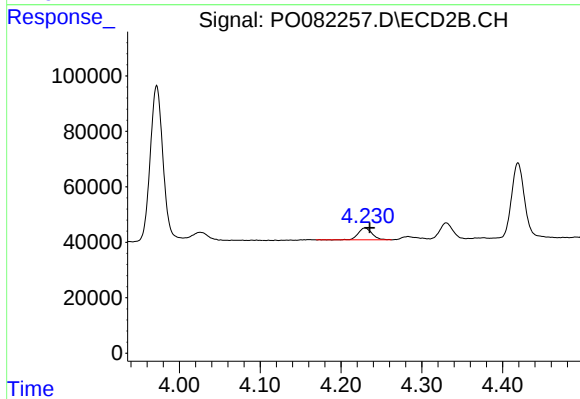
#7 AR-1016-5

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 432297
Conc: 485.14 ng/ml



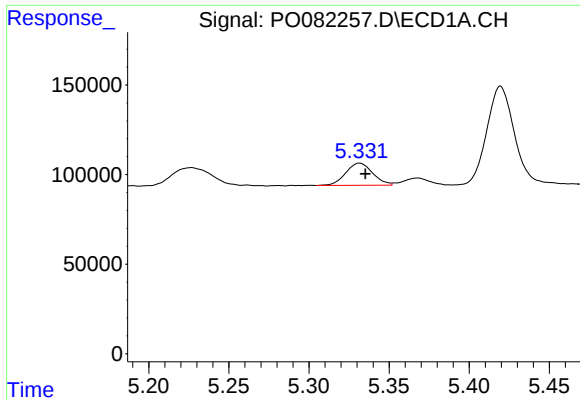
#8 AR-1221-1

R.T.: 5.227 min
Delta R.T.: -0.009 min
Response: 170575
Conc: 197.38 ng/ml



#8 AR-1221-1

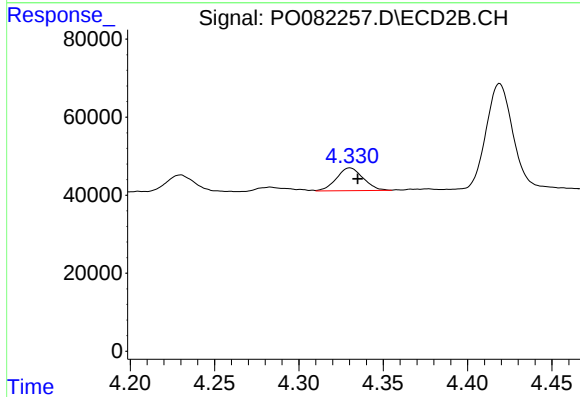
R.T.: 4.230 min
Delta R.T.: -0.005 min
Response: 50156
Conc: 135.85 ng/ml



#9 AR-1221-2

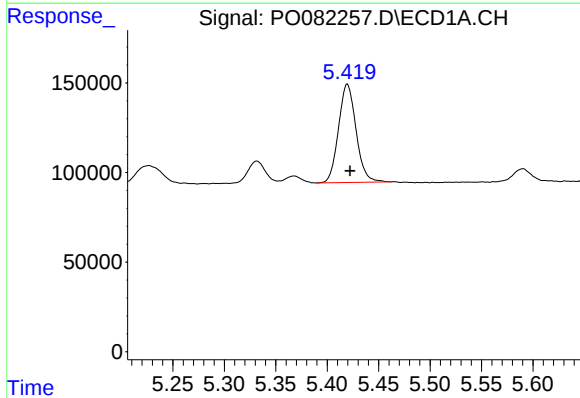
R.T.: 5.332 min
Delta R.T.: -0.004 min
Response: 145474
Conc: 226.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



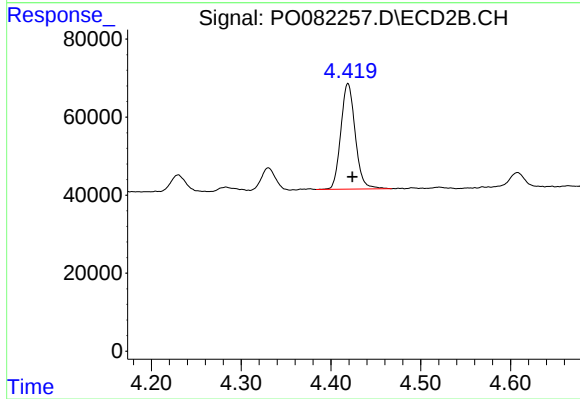
#9 AR-1221-2

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 63740
Conc: 227.59 ng/ml



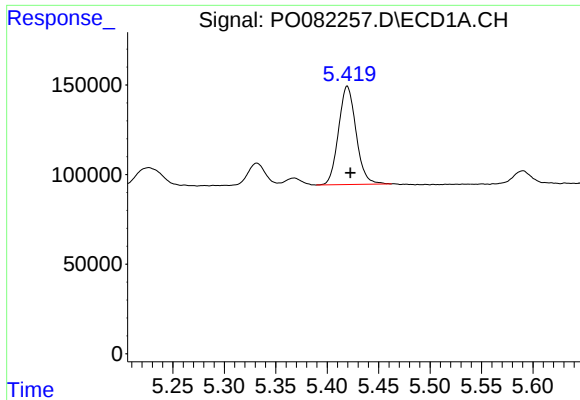
#10 AR-1221-3

R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 651442
Conc: 319.64 ng/ml



#10 AR-1221-3

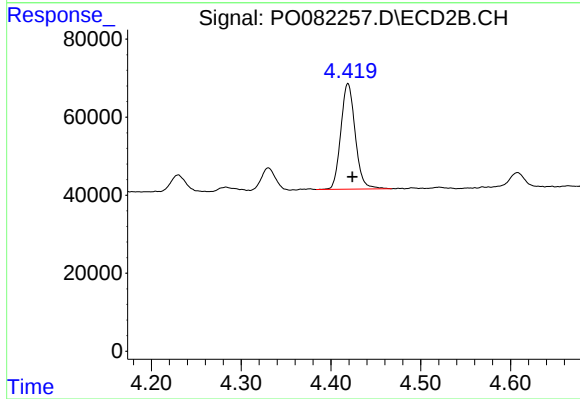
R.T.: 4.419 min
Delta R.T.: -0.005 min
Response: 301996
Conc: 358.17 ng/ml



#11 AR-1232-1

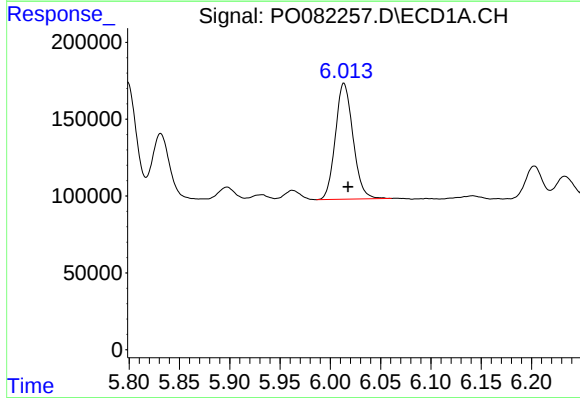
R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 651442
Conc: 431.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



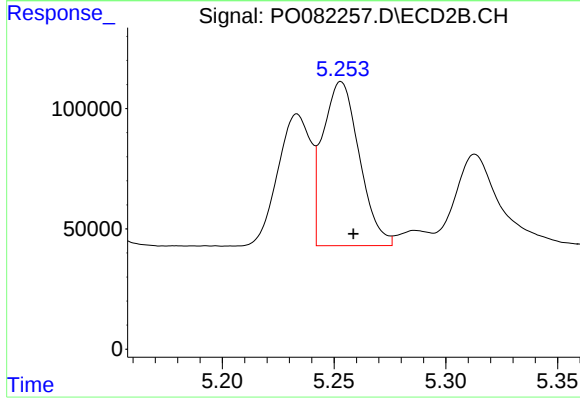
#11 AR-1232-1

R.T.: 4.419 min
Delta R.T.: -0.005 min
Response: 301996
Conc: 458.85 ng/ml



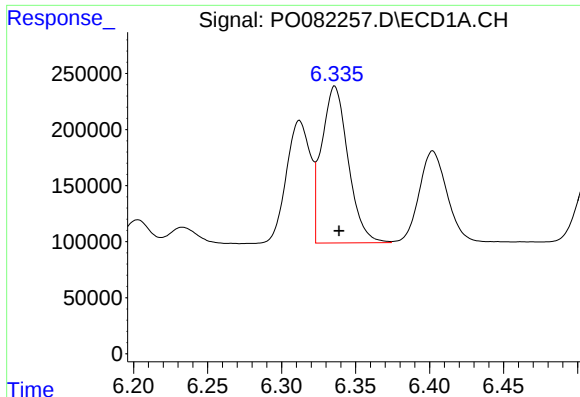
#12 AR-1232-2

R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 920750
Conc: 1123.85 ng/ml



#12 AR-1232-2

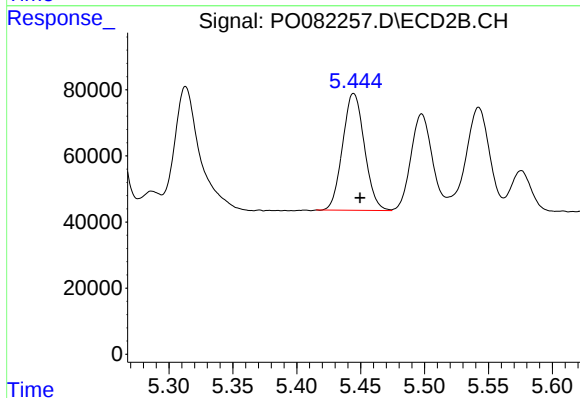
R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 773838
Conc: 1083.13 ng/ml



#13 AR-1232-3

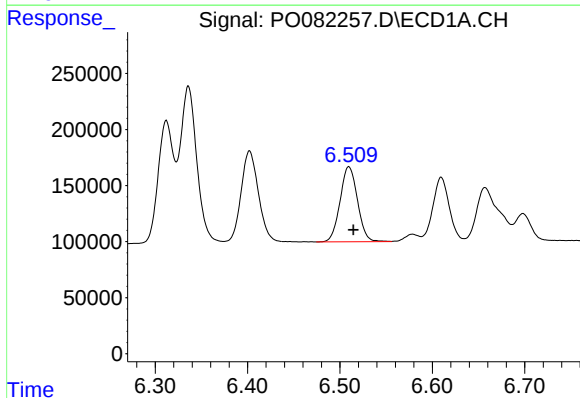
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 1744206
Conc: 1180.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



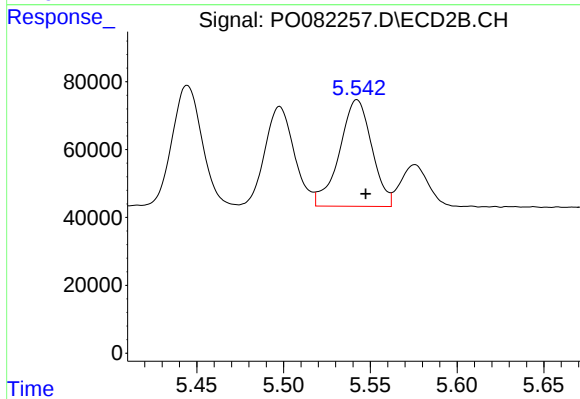
#13 AR-1232-3

R.T.: 5.445 min
Delta R.T.: -0.005 min
Response: 420146
Conc: 1108.53 ng/ml



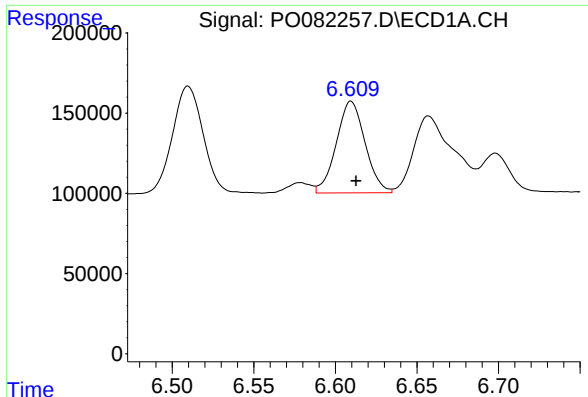
#14 AR-1232-4

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 879990
Conc: 1242.92 ng/ml



#14 AR-1232-4

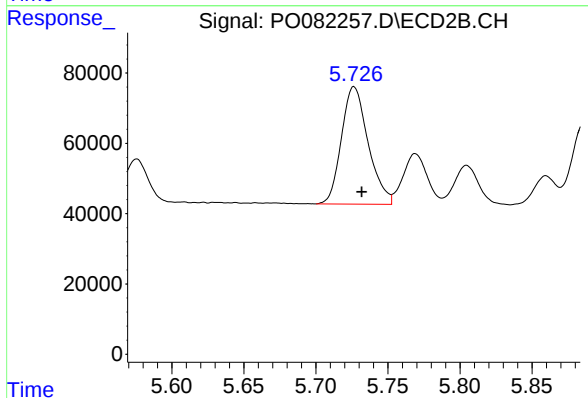
R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 408311
Conc: 1163.52 ng/ml



#15 AR-1232-5

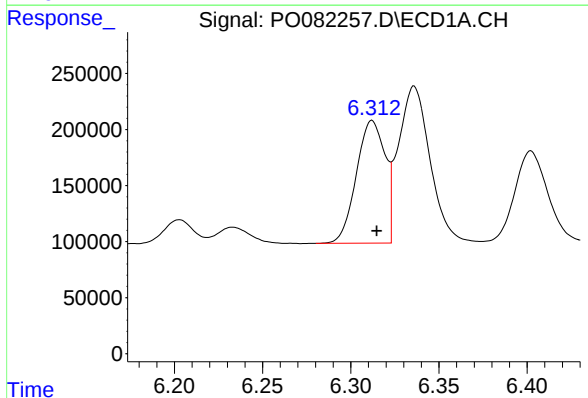
R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 703533
Conc: 1386.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



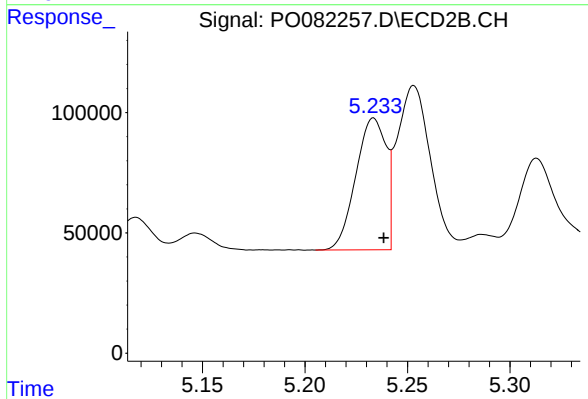
#15 AR-1232-5

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 432297
Conc: 1138.44 ng/ml



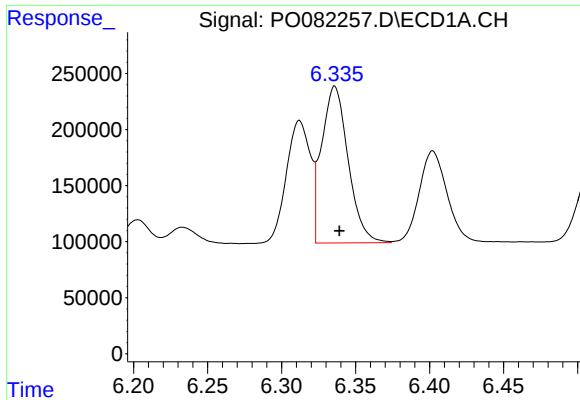
#16 AR-1242-1

R.T.: 6.312 min
Delta R.T.: -0.003 min
Response: 1240720
Conc: 653.58 ng/ml



#16 AR-1242-1

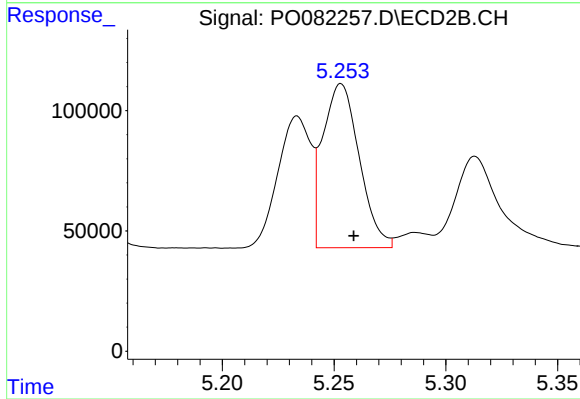
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 562470
Conc: 614.48 ng/ml



#17 AR-1242-2

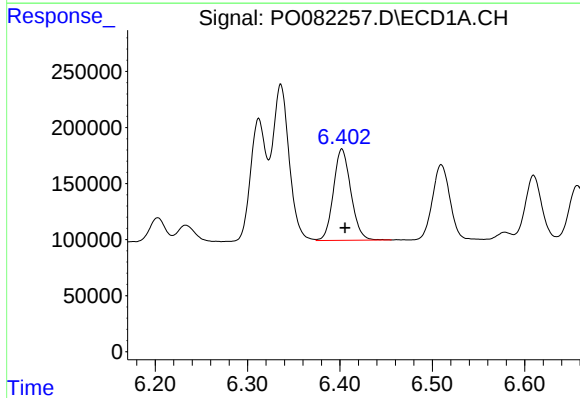
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 1744206
Conc: 649.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



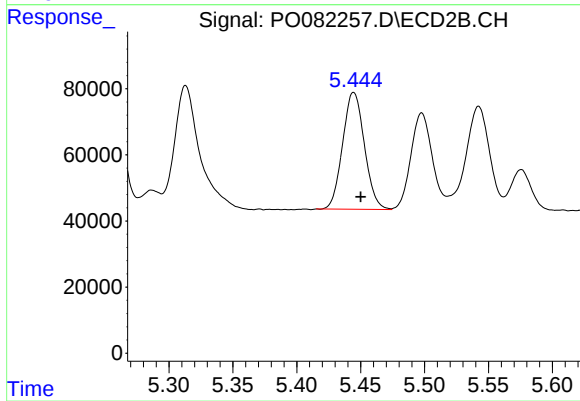
#17 AR-1242-2

R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 773838
Conc: 630.63 ng/ml



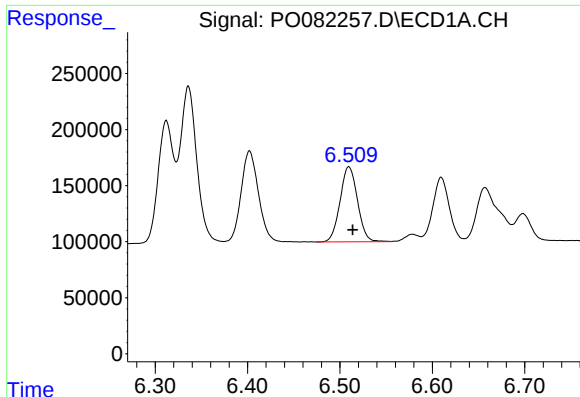
#18 AR-1242-3

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 1071782
Conc: 662.64 ng/ml



#18 AR-1242-3

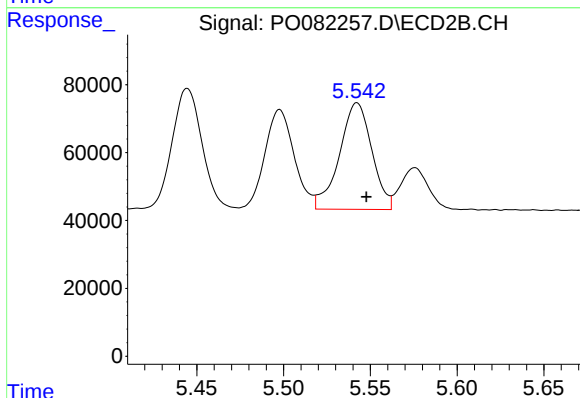
R.T.: 5.445 min
Delta R.T.: -0.006 min
Response: 420146
Conc: 624.48 ng/ml



#19 AR-1242-4

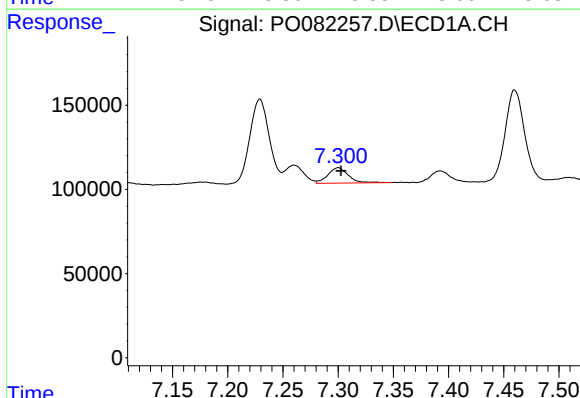
R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 879990
Conc: 689.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



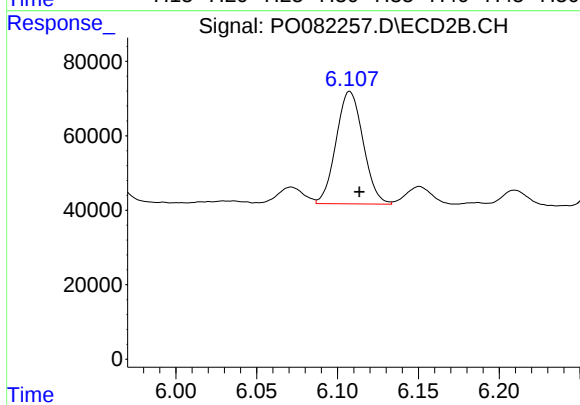
#19 AR-1242-4

R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 408311
Conc: 608.27 ng/ml



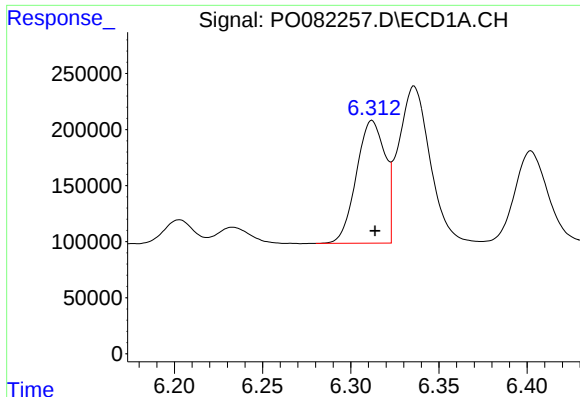
#20 AR-1242-5

R.T.: 7.300 min
Delta R.T.: -0.002 min
Response: 118389
Conc: 93.08 ng/ml



#20 AR-1242-5

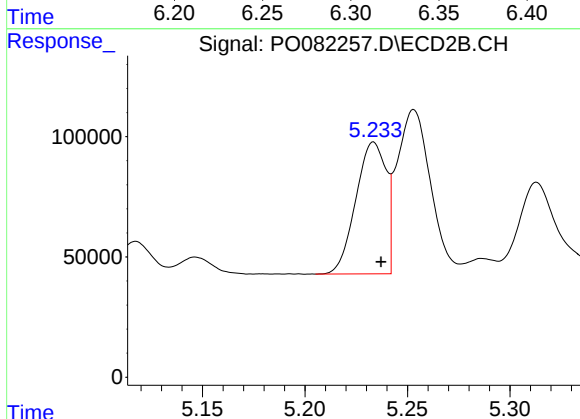
R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 351328
Conc: 408.88 ng/ml



#21 AR-1248-1

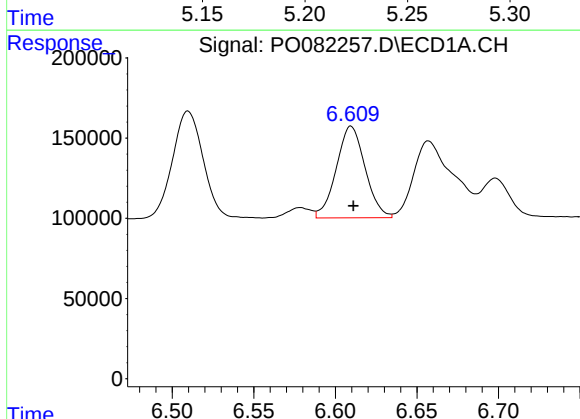
R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 1240720
Conc: 833.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



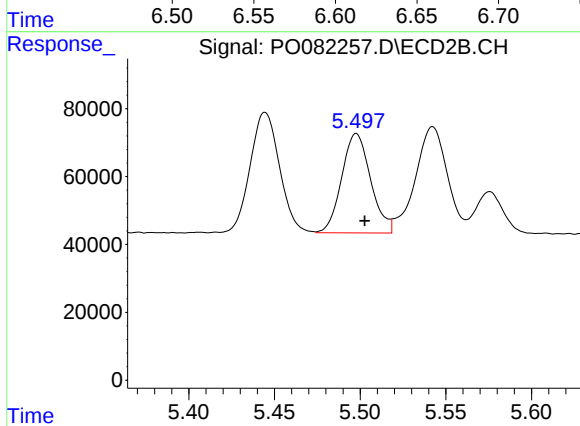
#21 AR-1248-1

R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 562470
Conc: 769.99 ng/ml



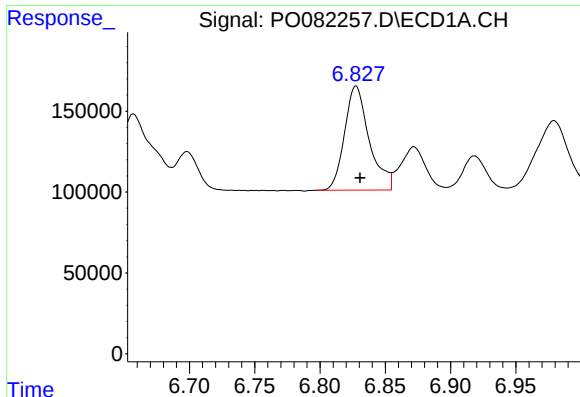
#22 AR-1248-2

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 703533
Conc: 361.81 ng/ml



#22 AR-1248-2

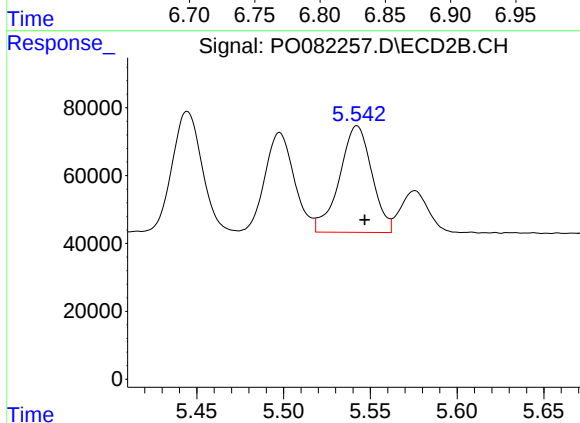
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 344832
Conc: 358.59 ng/ml



#23 AR-1248-3

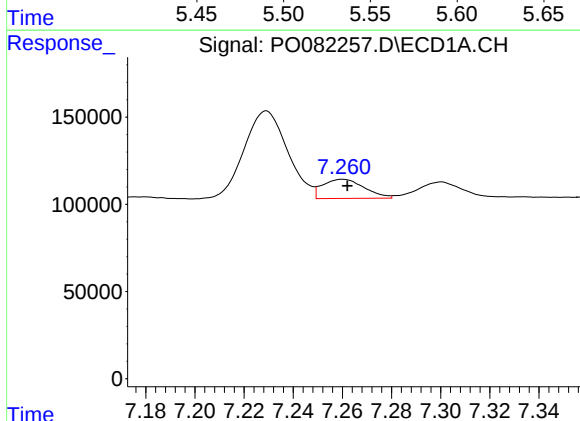
R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 848101
Conc: 390.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



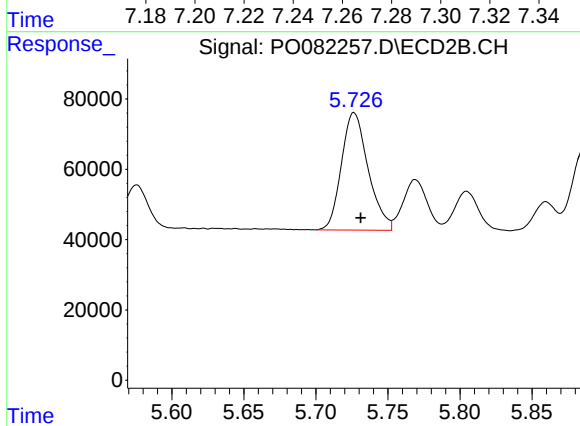
#23 AR-1248-3

R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 408311
Conc: 414.31 ng/ml



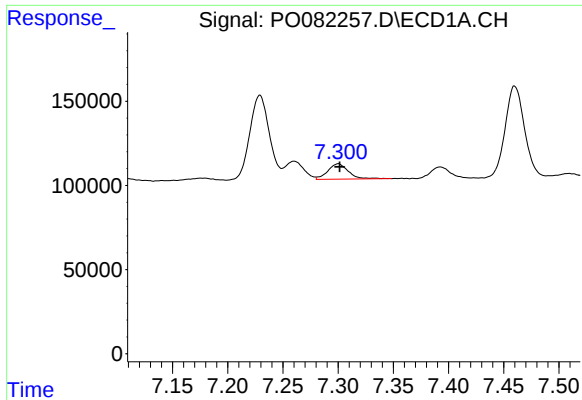
#24 AR-1248-4

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 129180
Conc: 54.75 ng/ml



#24 AR-1248-4

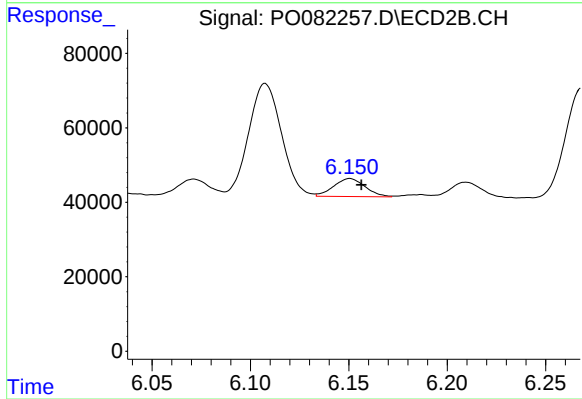
R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 432297
Conc: 376.09 ng/ml



#25 AR-1248-5

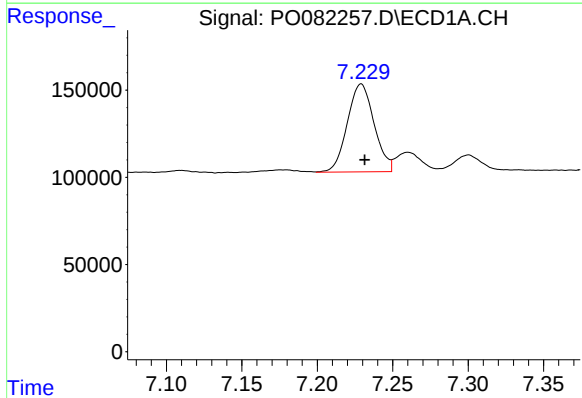
R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 118389
Conc: 53.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



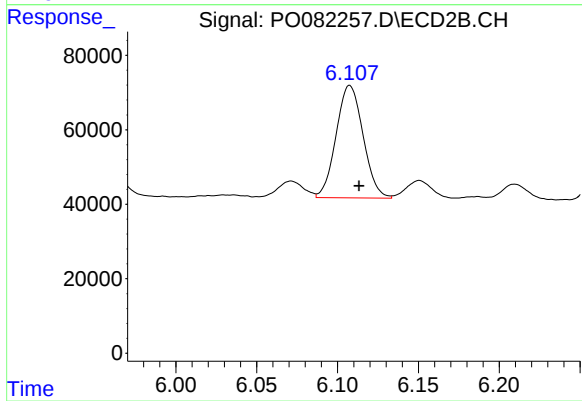
#25 AR-1248-5

R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 54126
Conc: 49.82 ng/ml



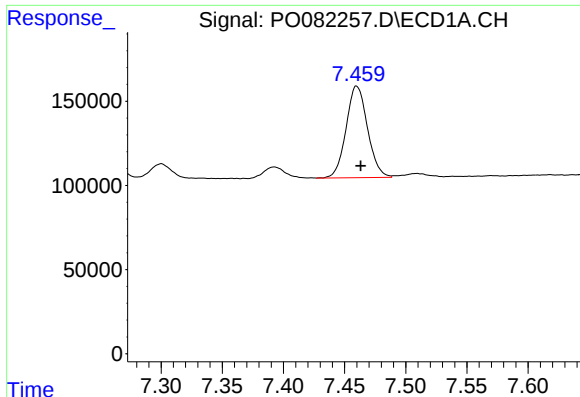
#26 AR-1254-1

R.T.: 7.229 min
Delta R.T.: -0.002 min
Response: 622093
Conc: 259.76 ng/ml



#26 AR-1254-1

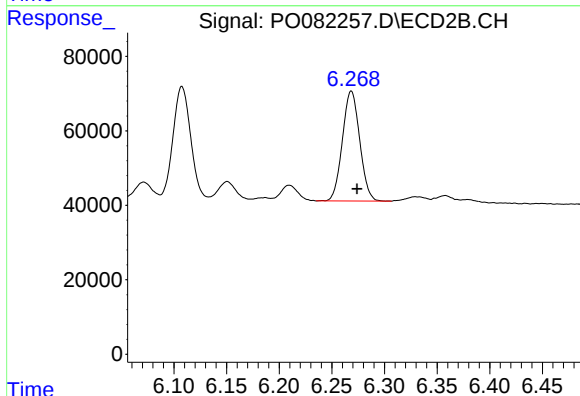
R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 351328
Conc: 210.96 ng/ml



#27 AR-1254-2

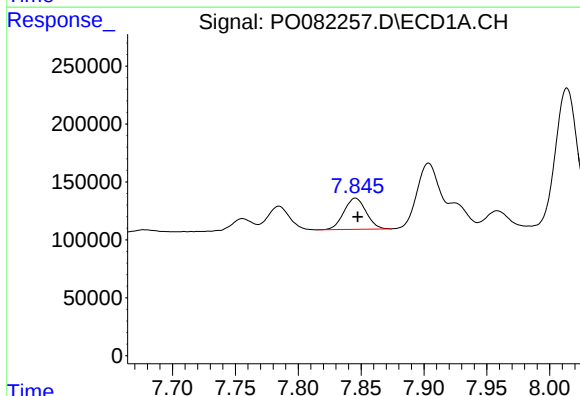
R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 663114
Conc: 181.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



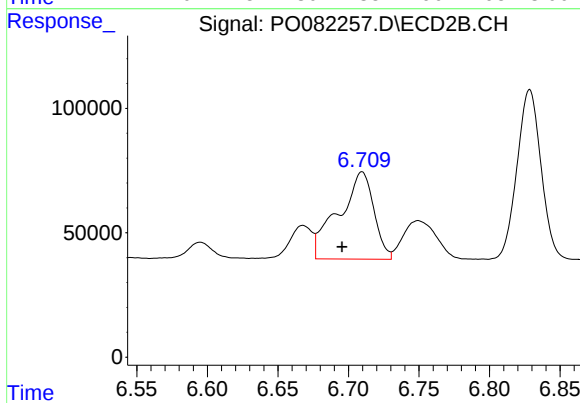
#27 AR-1254-2

R.T.: 6.269 min
Delta R.T.: -0.005 min
Response: 338642
Conc: 226.82 ng/ml



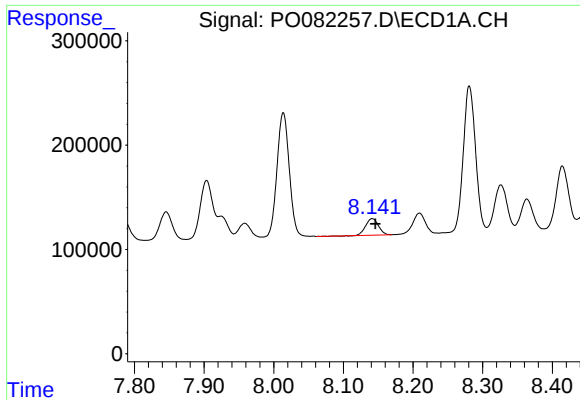
#28 AR-1254-3

R.T.: 7.846 min
Delta R.T.: -0.002 min
Response: 330306
Conc: 91.27 ng/ml



#28 AR-1254-3

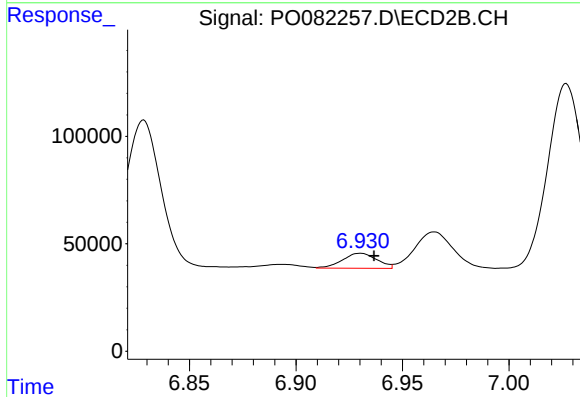
R.T.: 6.710 min
Delta R.T.: 0.014 min
Response: 610317
Conc: 272.55 ng/ml



#29 AR-1254-4

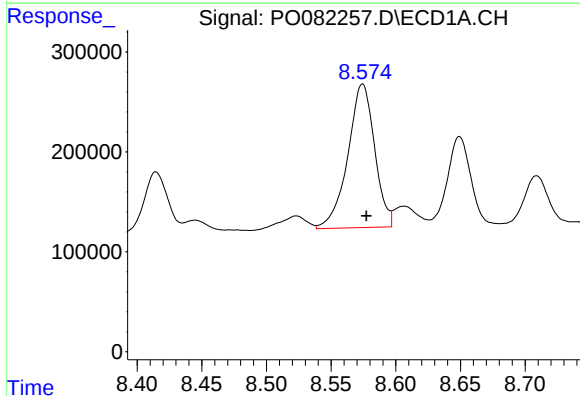
R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 204374
Conc: 75.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



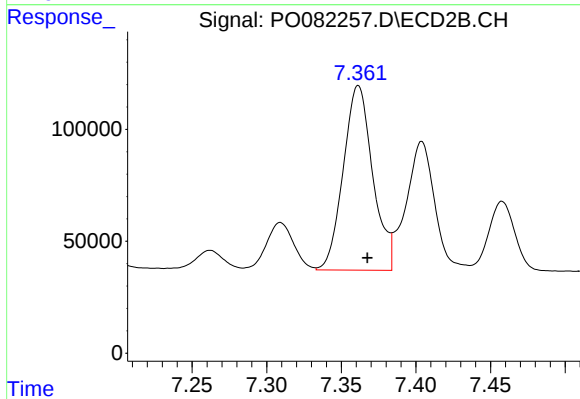
#29 AR-1254-4

R.T.: 6.930 min
Delta R.T.: -0.006 min
Response: 78808
Conc: 53.66 ng/ml



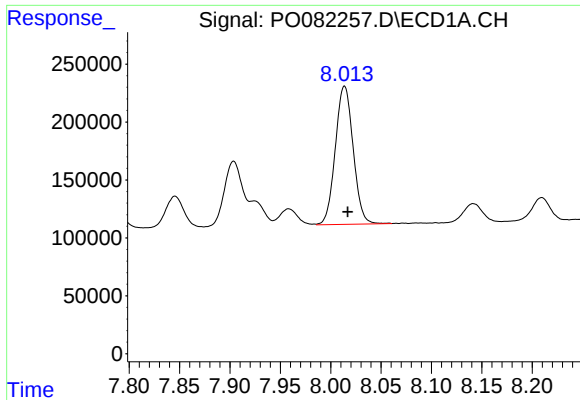
#30 AR-1254-5

R.T.: 8.574 min
Delta R.T.: -0.003 min
Response: 2073443
Conc: 711.92 ng/ml



#30 AR-1254-5

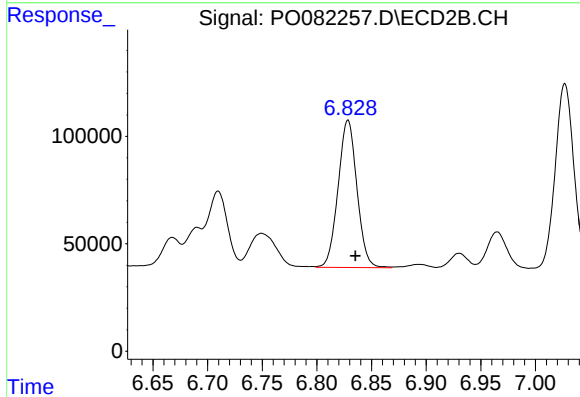
R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 1133784
Conc: 550.57 ng/ml



#31 AR-1260-1

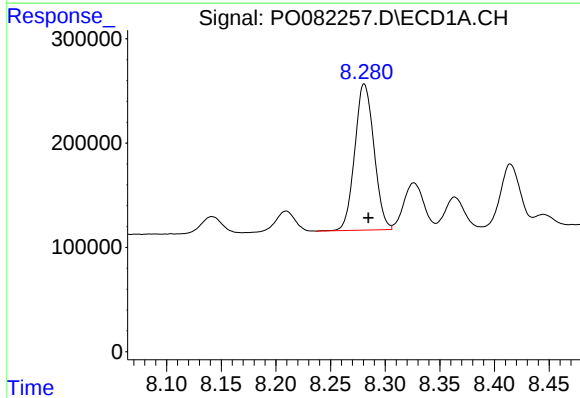
R.T.: 8.014 min
Delta R.T.: -0.003 min
Response: 1473836
Conc: 522.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



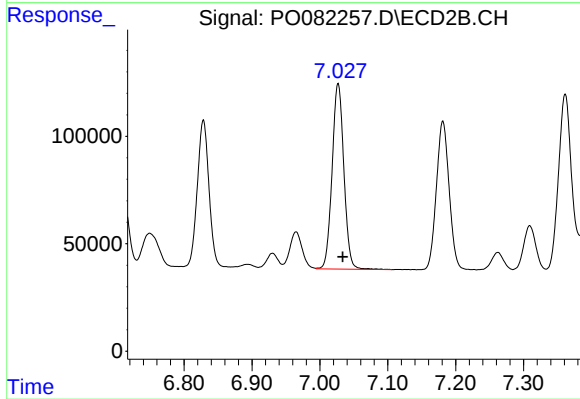
#31 AR-1260-1

R.T.: 6.828 min
Delta R.T.: -0.007 min
Response: 823244
Conc: 497.32 ng/ml



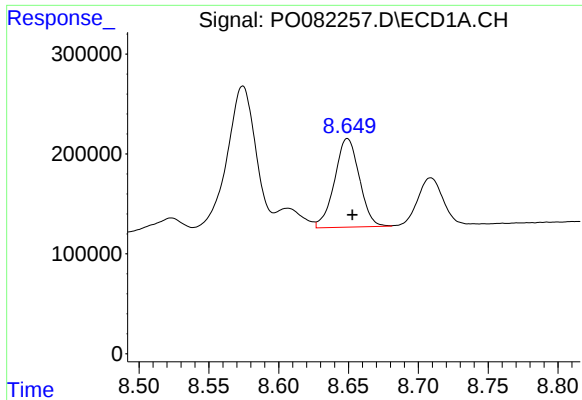
#32 AR-1260-2

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 1716152
Conc: 515.87 ng/ml



#32 AR-1260-2

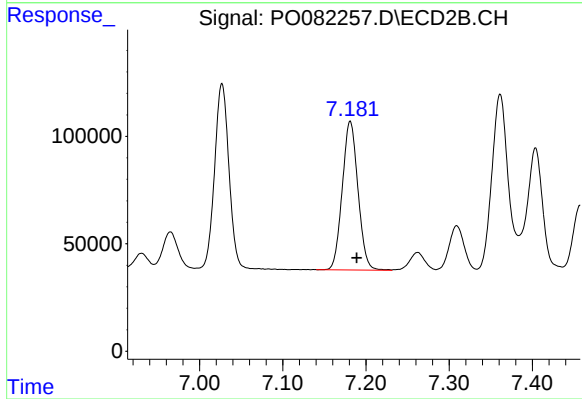
R.T.: 7.027 min
Delta R.T.: -0.007 min
Response: 1040576
Conc: 518.78 ng/ml



#33 AR-1260-3

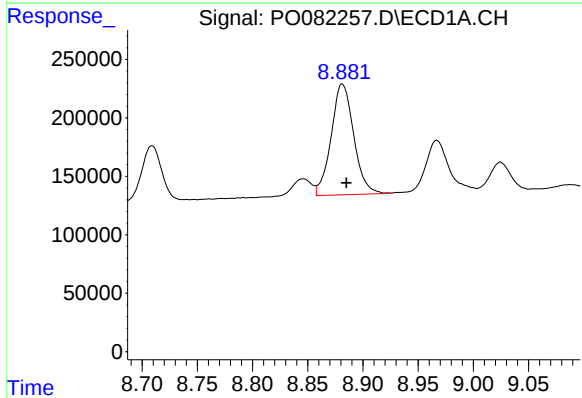
R.T.: 8.649 min
Delta R.T.: -0.004 min
Response: 1095386
Conc: 485.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



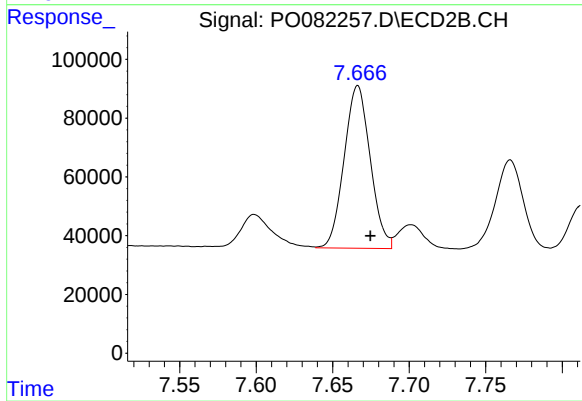
#33 AR-1260-3

R.T.: 7.181 min
Delta R.T.: -0.008 min
Response: 907336
Conc: 478.95 ng/ml



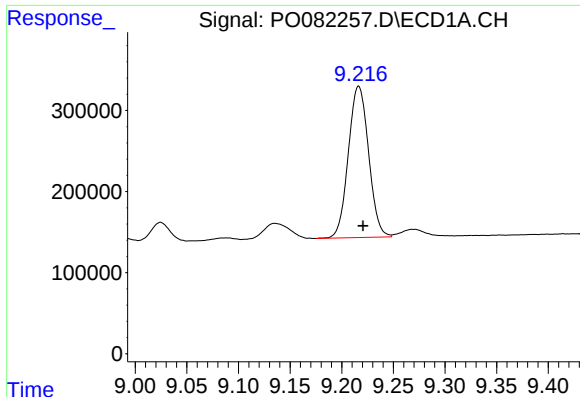
#34 AR-1260-4

R.T.: 8.881 min
Delta R.T.: -0.004 min
Response: 1353060
Conc: 511.10 ng/ml



#34 AR-1260-4

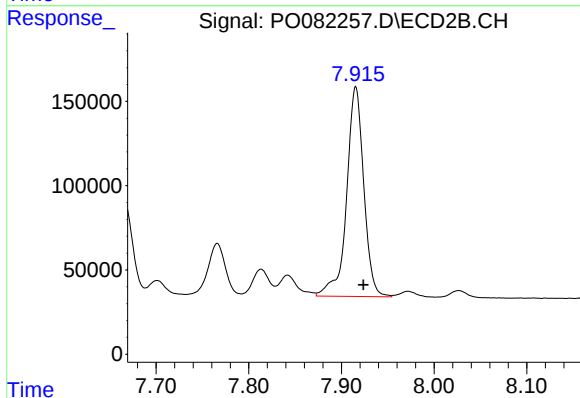
R.T.: 7.666 min
Delta R.T.: -0.008 min
Response: 658879
Conc: 480.70 ng/ml



#35 AR-1260-5

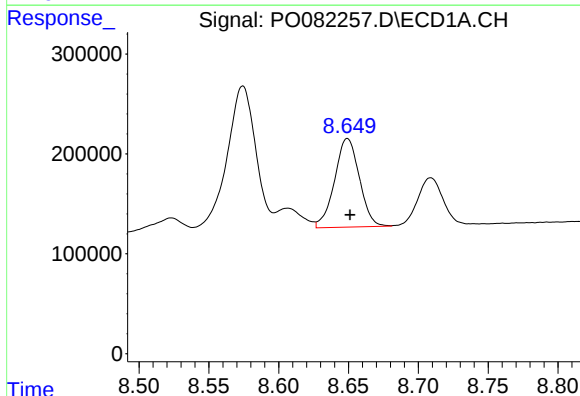
R.T.: 9.216 min
Delta R.T.: -0.004 min
Response: 2550548
Conc: 465.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



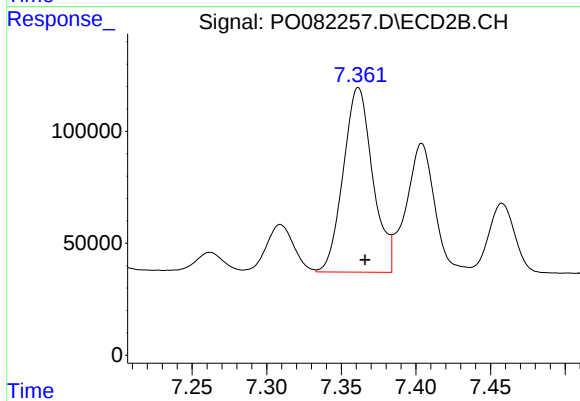
#35 AR-1260-5

R.T.: 7.915 min
Delta R.T.: -0.008 min
Response: 1604319
Conc: 485.54 ng/ml



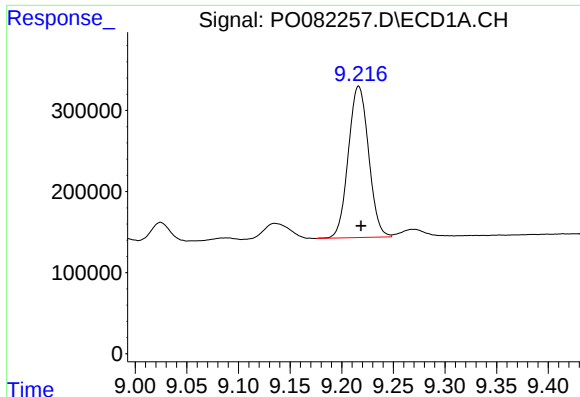
#36 AR-1262-1

R.T.: 8.649 min
Delta R.T.: -0.002 min
Response: 1095386
Conc: 320.22 ng/ml



#36 AR-1262-1

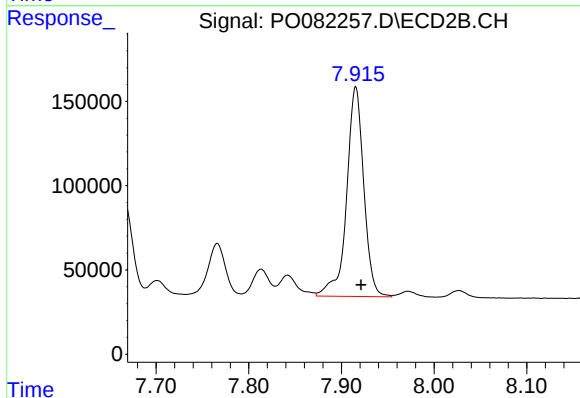
R.T.: 7.361 min
Delta R.T.: -0.005 min
Response: 1133784
Conc: 1027.81 ng/ml



#37 AR-1262-2

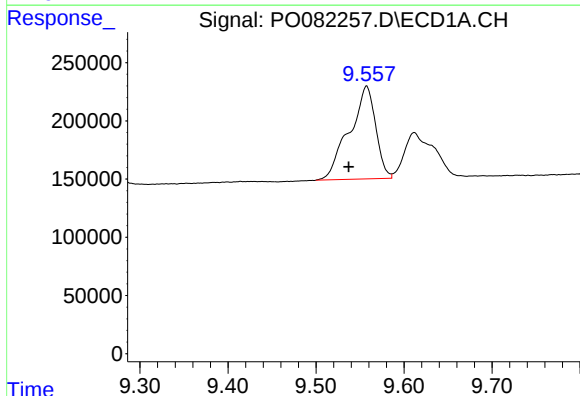
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 2550548
Conc: 406.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



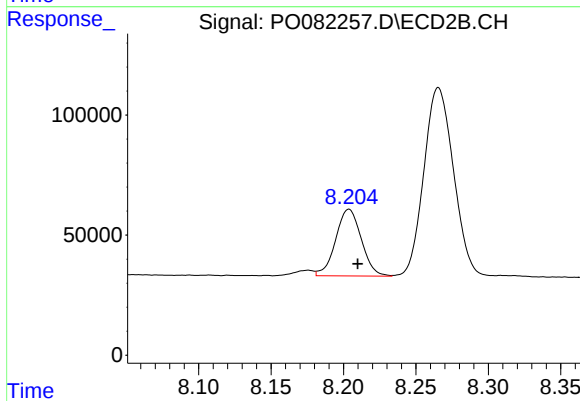
#37 AR-1262-2

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 1604319
Conc: 449.07 ng/ml



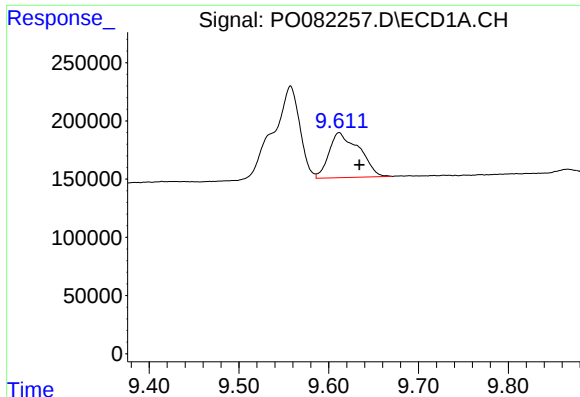
#38 AR-1262-3

R.T.: 9.557 min
Delta R.T.: 0.020 min
Response: 1652243
Conc: 600.77 ng/ml



#38 AR-1262-3

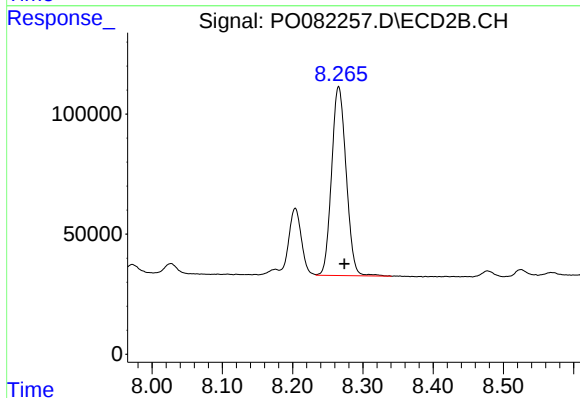
R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 342078
Conc: 227.27 ng/ml



#39 AR-1262-4

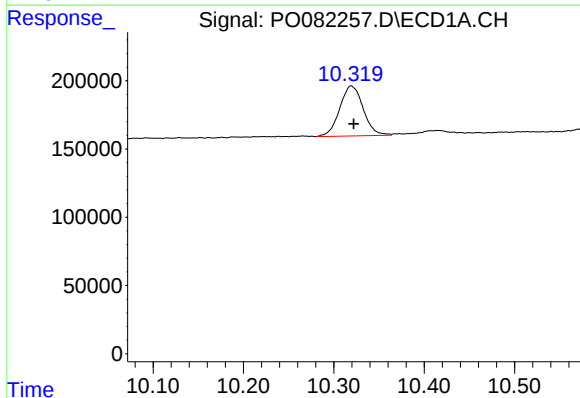
R.T.: 9.612 min
Delta R.T.: -0.023 min
Response: 898200
Conc: 536.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



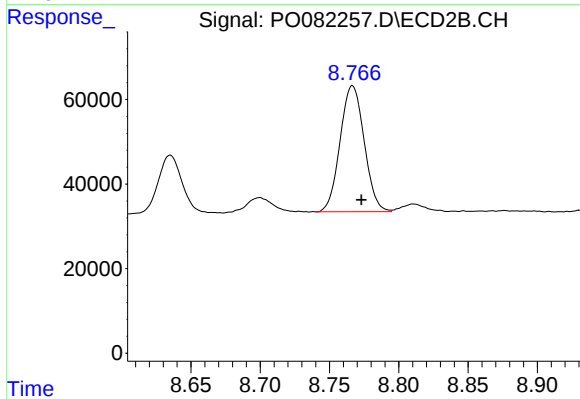
#39 AR-1262-4

R.T.: 8.266 min
Delta R.T.: -0.008 min
Response: 1131239
Conc: 425.03 ng/ml



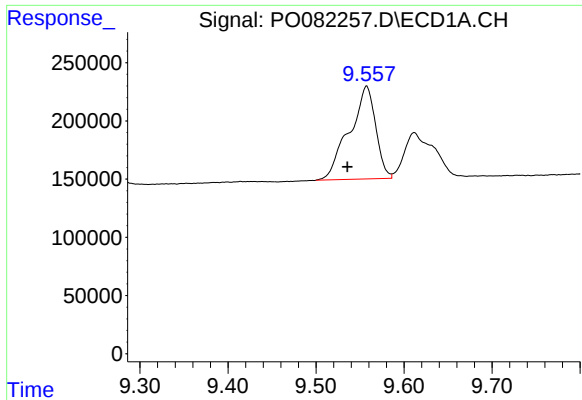
#40 AR-1262-5

R.T.: 10.319 min
Delta R.T.: -0.003 min
Response: 663243
Conc: 291.04 ng/ml



#40 AR-1262-5

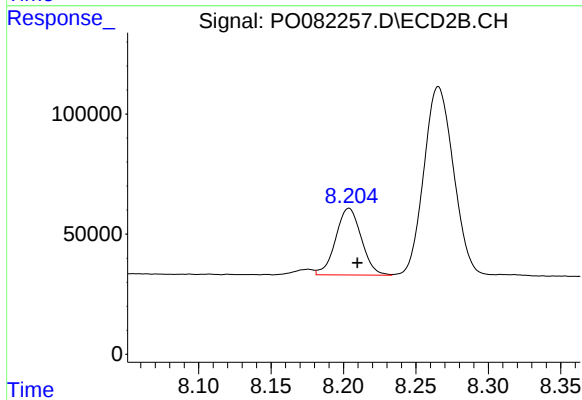
R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 360808
Conc: 285.64 ng/ml



#41 AR-1268-1

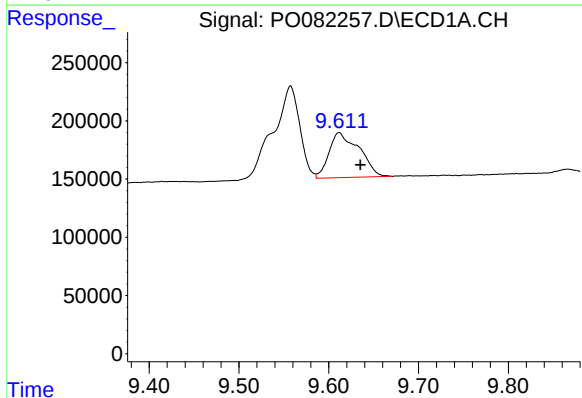
R.T.: 9.557 min
Delta R.T.: 0.022 min
Response: 1652243
Conc: 221.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



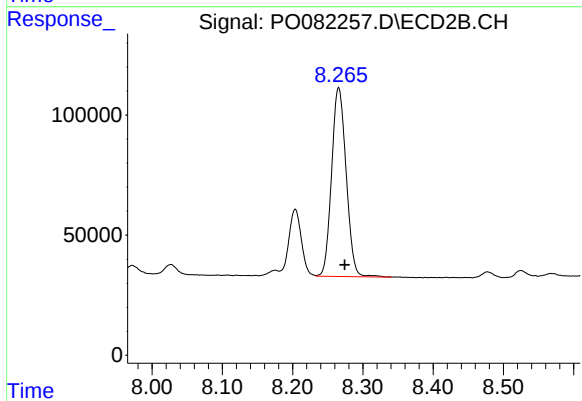
#41 AR-1268-1

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 342078
Conc: 81.18 ng/ml



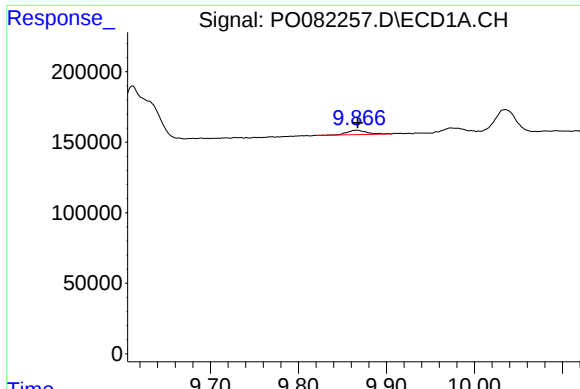
#42 AR-1268-2

R.T.: 9.612 min
Delta R.T.: -0.023 min
Response: 898200
Conc: 132.77 ng/ml



#42 AR-1268-2

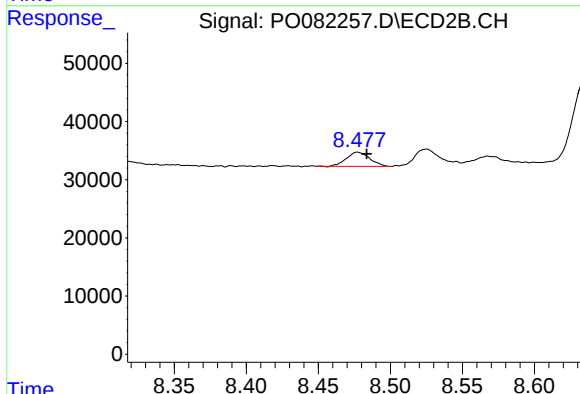
R.T.: 8.266 min
Delta R.T.: -0.009 min
Response: 1131239
Conc: 297.80 ng/ml



#43 AR-1268-3

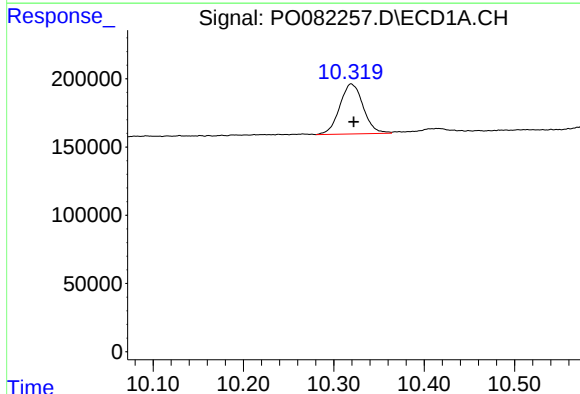
R.T.: 9.866 min
Delta R.T.: -0.001 min
Response: 46608
Conc: 7.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



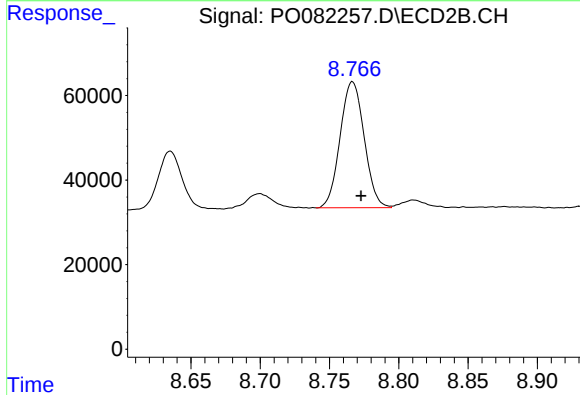
#43 AR-1268-3

R.T.: 8.477 min
Delta R.T.: -0.006 min
Response: 27338
Conc: 8.43 ng/ml



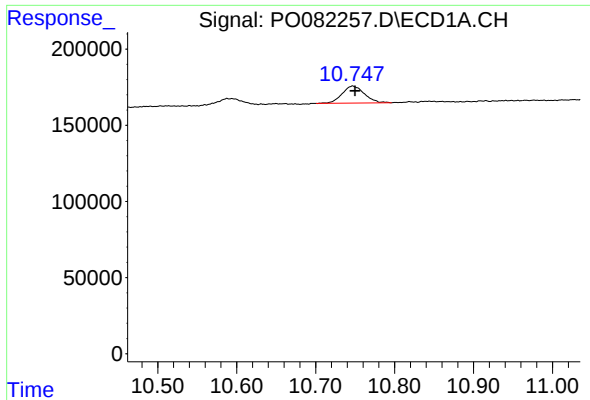
#44 AR-1268-4

R.T.: 10.319 min
Delta R.T.: -0.003 min
Response: 663243
Conc: 262.09 ng/ml



#44 AR-1268-4

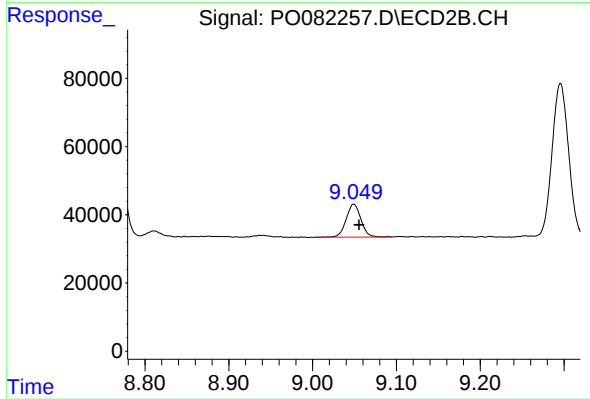
R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 360808
Conc: 259.74 ng/ml



#45 AR-1268-5

R.T.: 10.747 min
Delta R.T.: -0.003 min
Response: 220340
Conc: 10.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 118068
Conc: 12.20 ng/ml