

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR103123\
 Data File : PR064319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 11:07
 Operator : AJ\MA
 Sample : 04988-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 23:19:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.734	3.020	101.6E6	51744008	14.193	12.537
2)	SA Decachlor...	9.751	8.409	75633579	45972204	16.191	15.145
Target Compounds							
3)	L1 AR-1016-1	4.977	4.169	107.0E6	65661454	497.227	451.688
4)	L1 AR-1016-2	5.000	4.188	159.3E6	90564688	486.053	453.038
5)	L1 AR-1016-3	5.064	4.371	104.5E6	50086380	504.969	454.334
6)	L1 AR-1016-4	5.168	4.423	82952449	41446019	509.272	478.935
7)	L1 AR-1016-5	5.487	4.646	78569296	49895432	483.340	436.733
8)	L2 AR-1221-1	3.956	3.251	11786310	6838476	144.277	126.316
9)	L2 AR-1221-2	4.051	3.340	13520060	8573160	248.710	221.389
10)	L2 AR-1221-3	4.130	3.419	57553575	36834769	320.681	293.718
11)	L3 AR-1232-1	4.130	3.419	57553575	36834769	387.132	351.781
12)	L3 AR-1232-2	4.687	4.188	89711684	90564688	1100.622	970.413
13)	L3 AR-1232-3	5.000	4.371	159.3E6	50086380	1063.982	989.685
14)	L3 AR-1232-4	5.168	4.466	82952449	49248938	1137.120	1078.507
15)	L3 AR-1232-5	5.272	4.646	65546816	49895432	1199.050	989.718
16)	L4 AR-1242-1	4.977	4.169	107.0E6	65661454	592.288	534.113
17)	L4 AR-1242-2	5.000	4.188	159.3E6	90564688	580.368	538.318
18)	L4 AR-1242-3	5.064	4.371	104.5E6	50086380	594.054	538.435
19)	L4 AR-1242-4	5.168	4.466	82952449	49248938	606.861	541.871
20)	L4 AR-1242-5	5.965	5.025	11634168	43444870	78.577	391.938 #
21)	L5 AR-1248-1	4.977	4.169	107.0E6	65661454	775.444	696.028
22)	L5 AR-1248-2	5.272	4.423	65546816	41446019	334.728	318.322
23)	L5 AR-1248-3	5.487	4.466	78569296	49248938	341.239	365.306
24)	L5 AR-1248-4	5.923	4.646	11928872	49895432	48.184	310.205 #
25)	L5 AR-1248-5	5.965	5.068	11634168	6584238	46.425	43.544
26)	L6 AR-1254-1	5.894	5.025	56172637	43444870	224.044	188.377
27)	L6 AR-1254-2	6.135	5.187	67619466	42839871	177.765	216.350
28)	L6 AR-1254-3	6.528	5.619	37641997	24255730	96.609	77.481
29)	L6 AR-1254-4	6.842	5.870	26205804	11866791	97.979	63.152 #
30)	L6 AR-1254-5	7.300	6.324	203.0E6	146.6E6	690.470	537.300
31)	L7 AR-1260-1	6.710	5.762	143.9E6	108.5E6	484.177	483.145
32)	L7 AR-1260-2	6.995	5.970	170.8E6	129.7E6	493.887	491.885
33)	L7 AR-1260-3	7.388	6.133	105.4E6	117.6E6	410.051	465.151
34)	L7 AR-1260-4	7.632	6.649	131.4E6	78719072	464.851	399.019
35)	L7 AR-1260-5	7.973	6.918	231.3E6	176.0E6	428.402	414.489
36)	L8 AR-1262-1	7.388	6.369	105.4E6	87651168	279.825	301.122
37)	L8 AR-1262-2	7.973	6.918	231.3E6	176.0E6	375.728	377.101
38)	L8 AR-1262-3	8.293	7.230	148.3E6	33867884	353.979	185.474 #
39)	L8 AR-1262-4	8.375	7.296	35374517	126.9E6	109.827	376.740 #
40)	L8 AR-1262-5	9.024	7.845	54292822	36143926	247.018	247.337
41)	L9 AR-1268-1	8.293	7.230	148.3E6	33867884	202.218	65.100 #

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 Operator : AJ\MA
 Sample : 04988-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

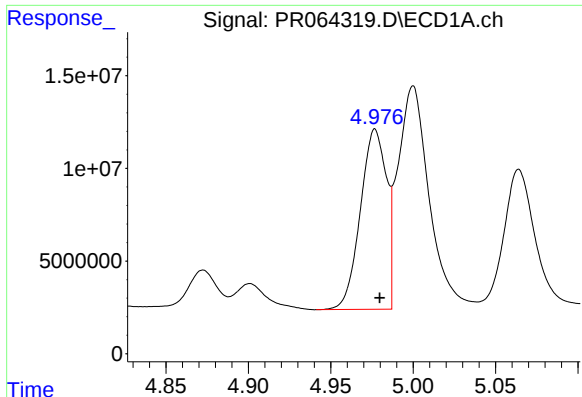
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 23:19:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.375	7.296	35374517	126.9E6	53.305	268.798 #
43) L9	AR-1268-3	8.603	7.527	3748152	2802874	6.507	7.016
44) L9	AR-1268-4	9.024	7.845	54292822	36143926	232.137	222.074
45) L9	AR-1268-5	9.426	8.147	21753777	11333068	12.226	9.688

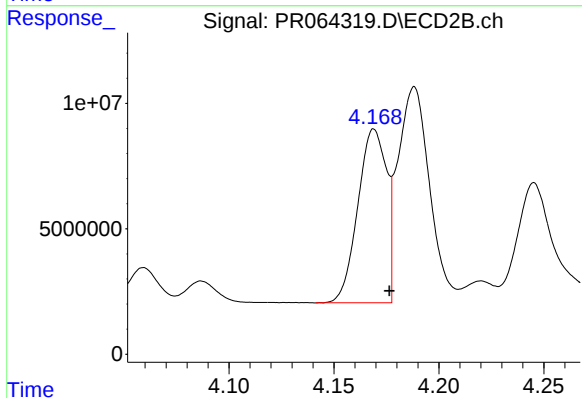
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

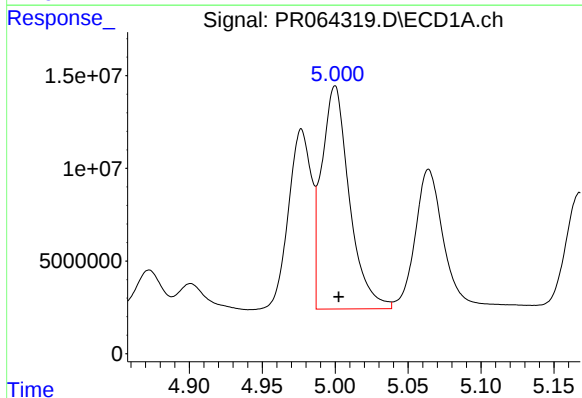
R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 106959127
Conc: 497.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



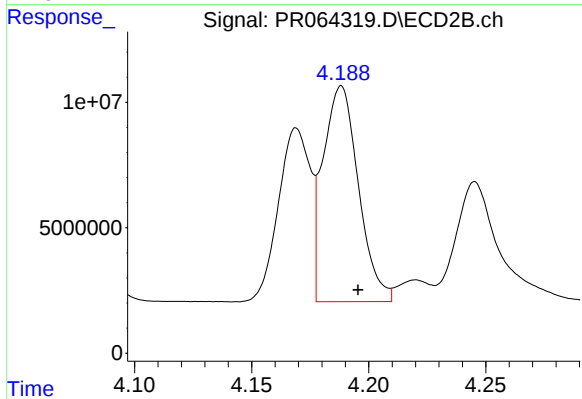
#3 AR-1016-1

R.T.: 4.169 min
Delta R.T.: -0.007 min
Response: 65661454
Conc: 451.69 ng/ml



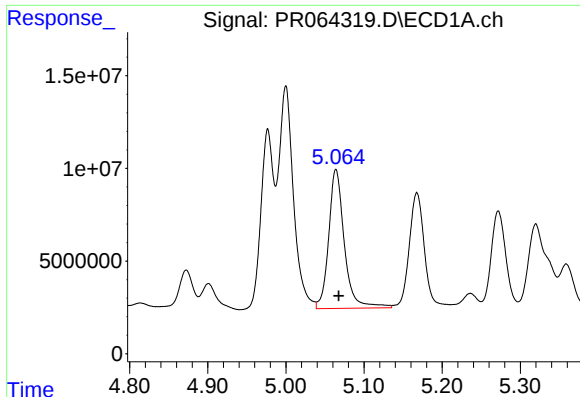
#4 AR-1016-2

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 159261869
Conc: 486.05 ng/ml



#4 AR-1016-2

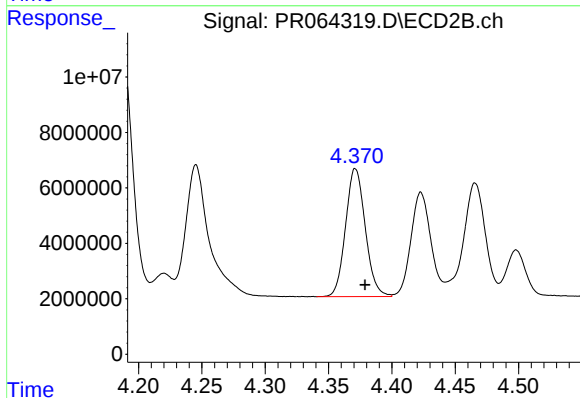
R.T.: 4.188 min
Delta R.T.: -0.007 min
Response: 90564688
Conc: 453.04 ng/ml



#5 AR-1016-3

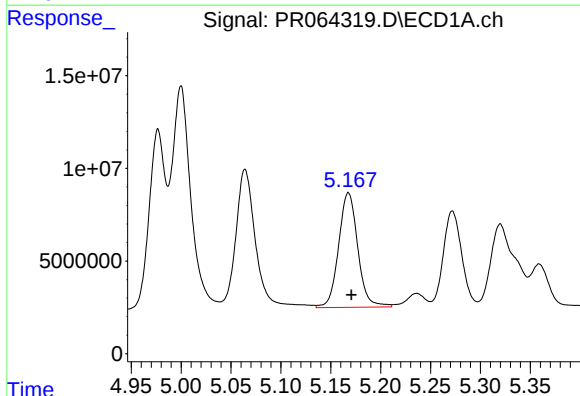
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 104462035
Conc: 504.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



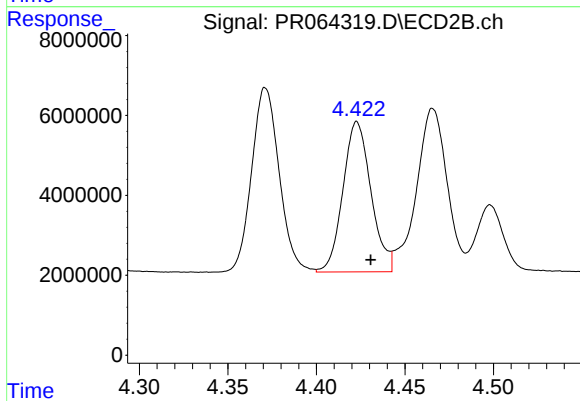
#5 AR-1016-3

R.T.: 4.371 min
Delta R.T.: -0.007 min
Response: 50086380
Conc: 454.33 ng/ml



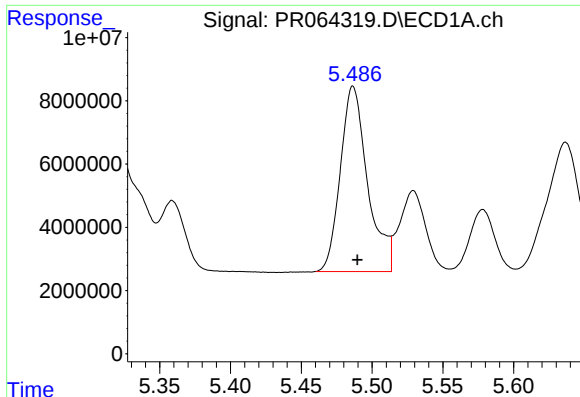
#6 AR-1016-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 82952449
Conc: 509.27 ng/ml



#6 AR-1016-4

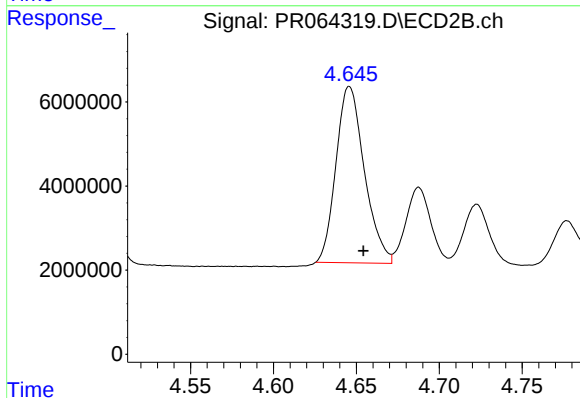
R.T.: 4.423 min
Delta R.T.: -0.008 min
Response: 41446019
Conc: 478.93 ng/ml



#7 AR-1016-5

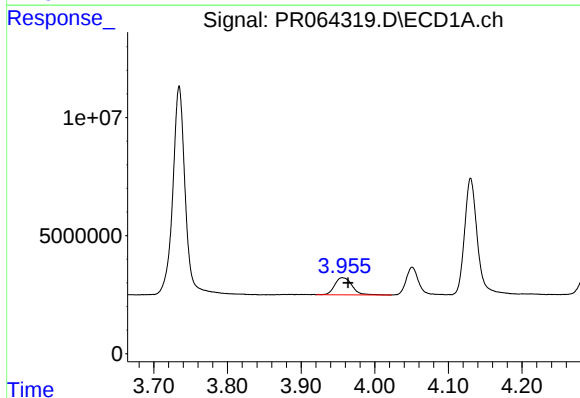
R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 78569296
Conc: 483.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



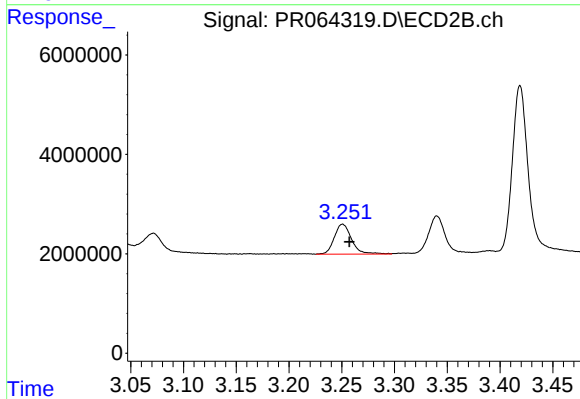
#7 AR-1016-5

R.T.: 4.646 min
Delta R.T.: -0.008 min
Response: 49895432
Conc: 436.73 ng/ml



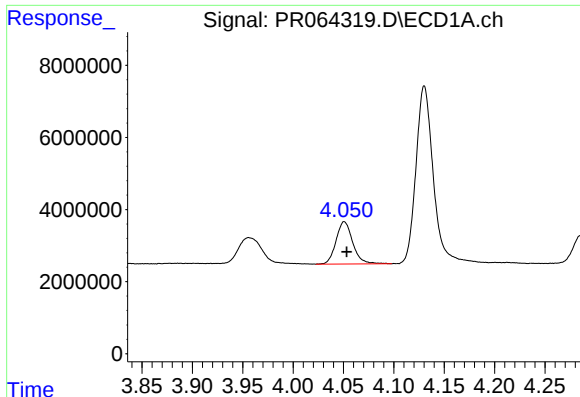
#8 AR-1221-1

R.T.: 3.956 min
Delta R.T.: -0.007 min
Response: 11786310
Conc: 144.28 ng/ml



#8 AR-1221-1

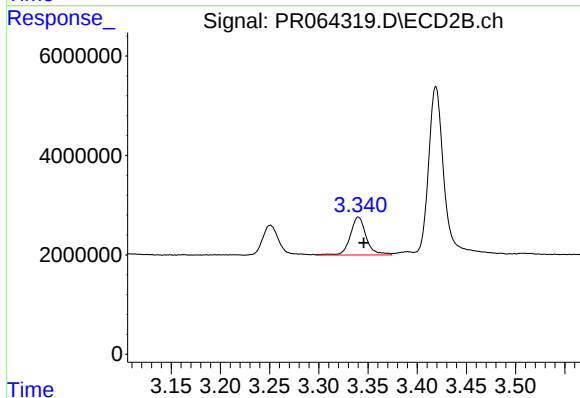
R.T.: 3.251 min
Delta R.T.: -0.006 min
Response: 6838476
Conc: 126.32 ng/ml



#9 AR-1221-2

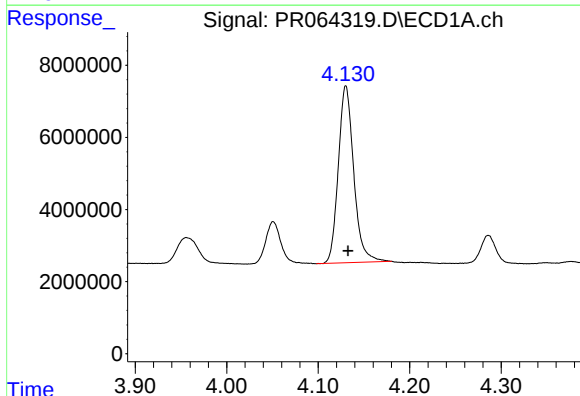
R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 13520060
Conc: 248.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



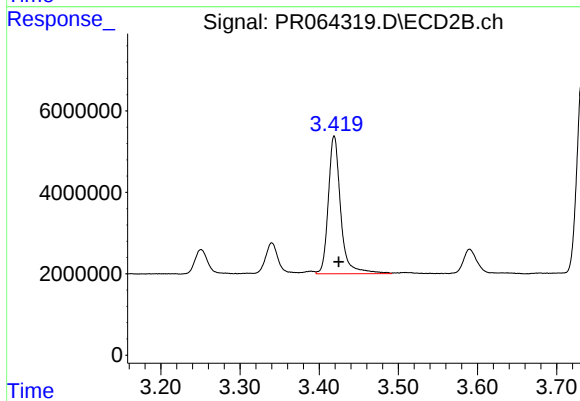
#9 AR-1221-2

R.T.: 3.340 min
Delta R.T.: -0.006 min
Response: 8573160
Conc: 221.39 ng/ml



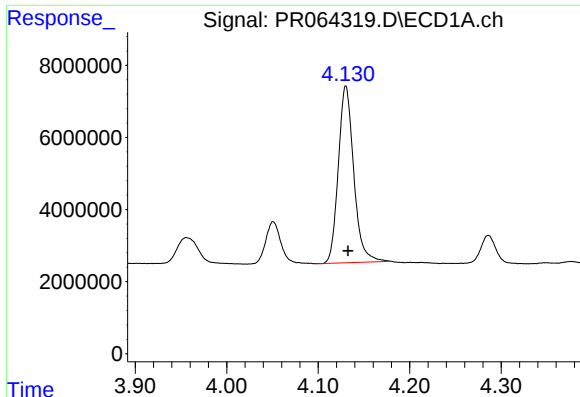
#10 AR-1221-3

R.T.: 4.130 min
Delta R.T.: -0.002 min
Response: 57553575
Conc: 320.68 ng/ml



#10 AR-1221-3

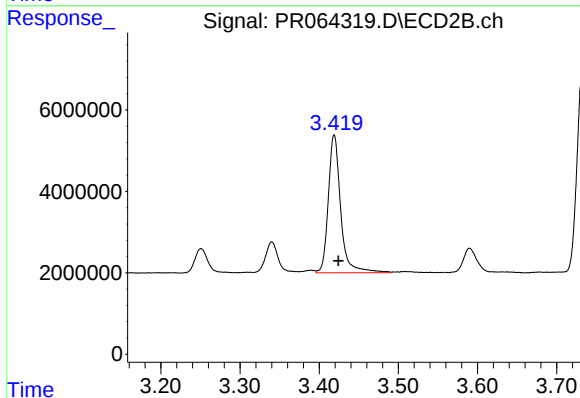
R.T.: 3.419 min
Delta R.T.: -0.006 min
Response: 36834769
Conc: 293.72 ng/ml



#11 AR-1232-1

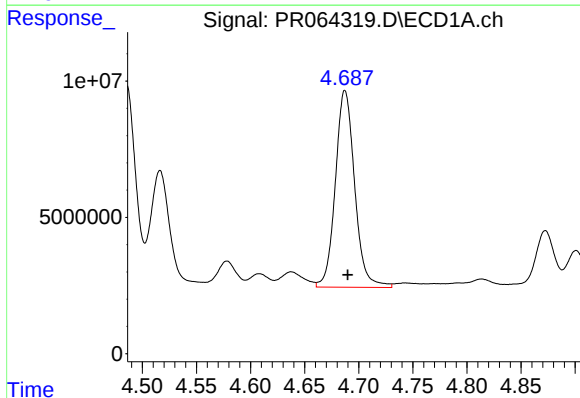
R.T.: 4.130 min
Delta R.T.: -0.002 min
Response: 57553575
Conc: 387.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



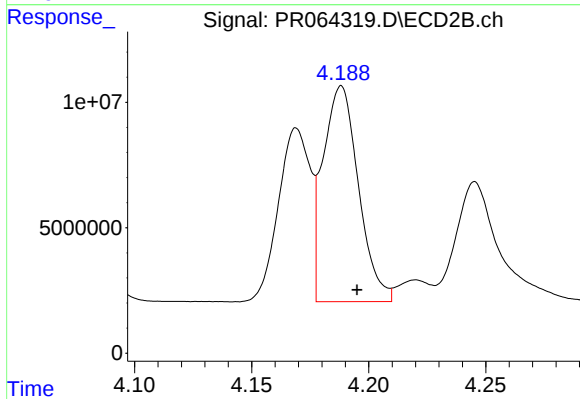
#11 AR-1232-1

R.T.: 3.419 min
Delta R.T.: -0.005 min
Response: 36834769
Conc: 351.78 ng/ml



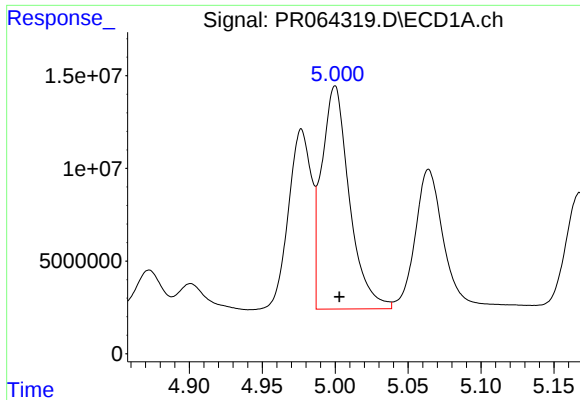
#12 AR-1232-2

R.T.: 4.687 min
Delta R.T.: -0.002 min
Response: 89711684
Conc: 1100.62 ng/ml



#12 AR-1232-2

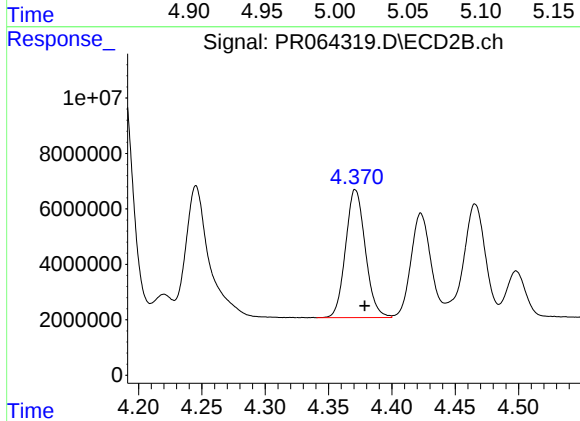
R.T.: 4.188 min
Delta R.T.: -0.007 min
Response: 90564688
Conc: 970.41 ng/ml



#13 AR-1232-3

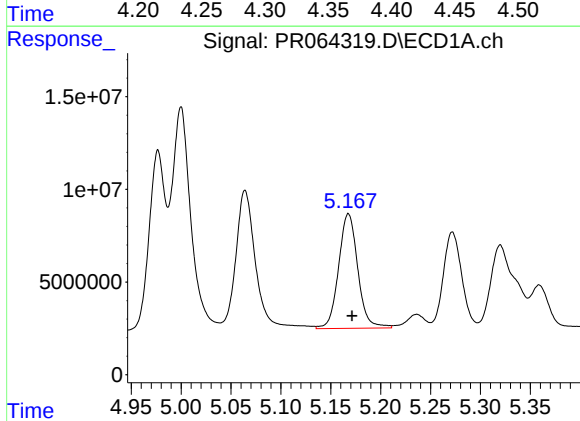
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 159261869
Conc: 1063.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



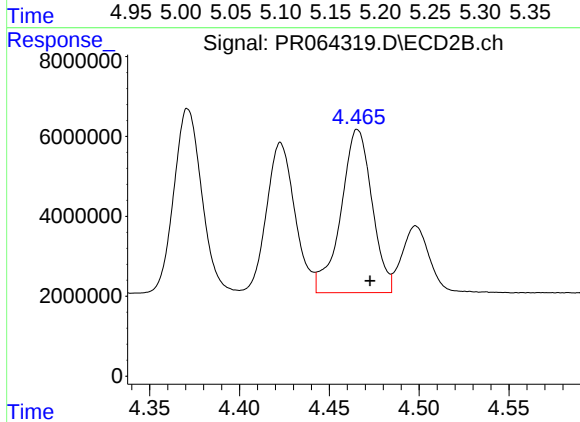
#13 AR-1232-3

R.T.: 4.371 min
Delta R.T.: -0.007 min
Response: 50086380
Conc: 989.69 ng/ml



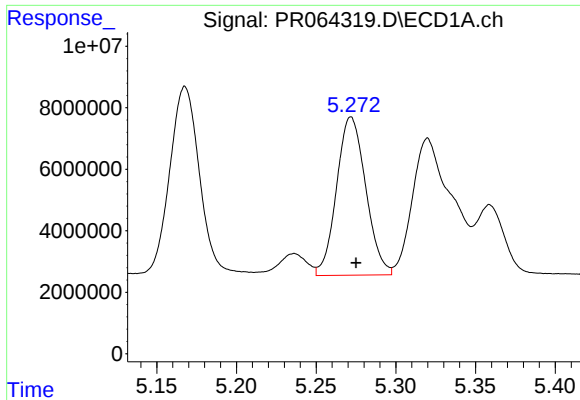
#14 AR-1232-4

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 82952449
Conc: 1137.12 ng/ml



#14 AR-1232-4

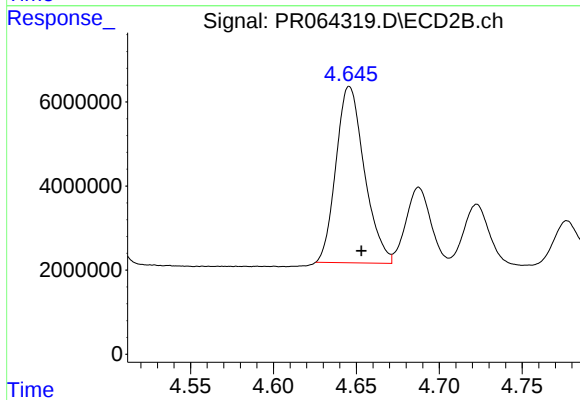
R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 49248938
Conc: 1078.51 ng/ml



#15 AR-1232-5

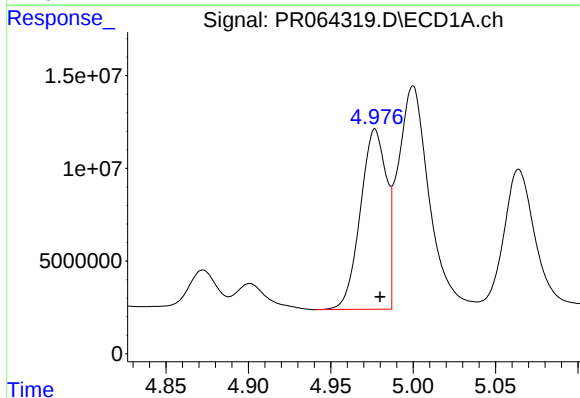
R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 65546816
Conc: 1199.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



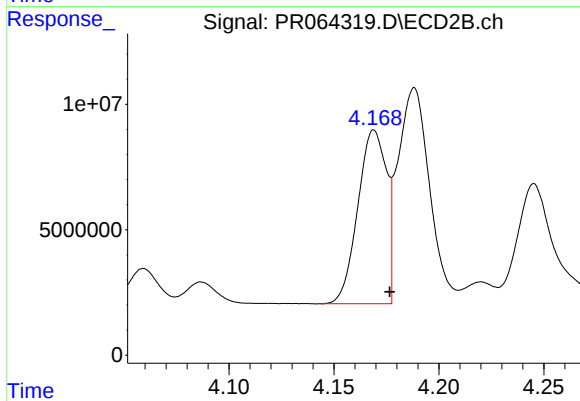
#15 AR-1232-5

R.T.: 4.646 min
Delta R.T.: -0.007 min
Response: 49895432
Conc: 989.72 ng/ml



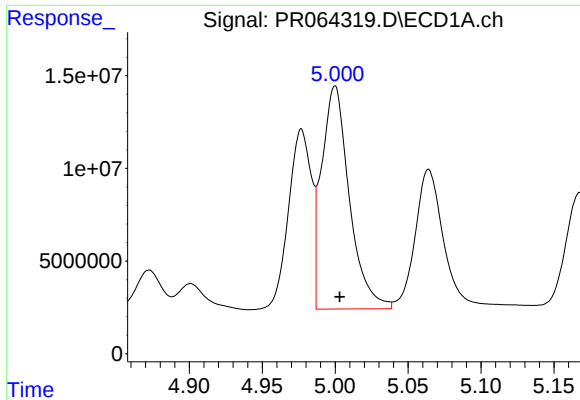
#16 AR-1242-1

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 106959127
Conc: 592.29 ng/ml



#16 AR-1242-1

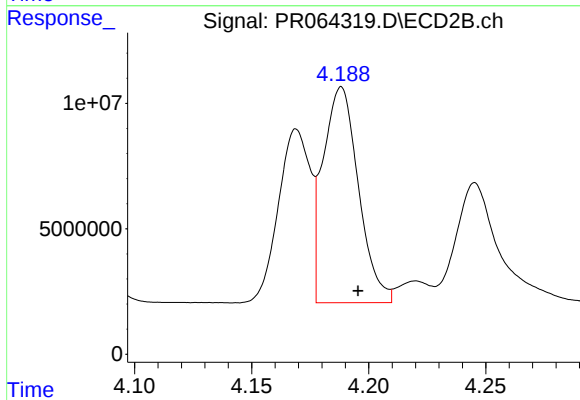
R.T.: 4.169 min
Delta R.T.: -0.008 min
Response: 65661454
Conc: 534.11 ng/ml



#17 AR-1242-2

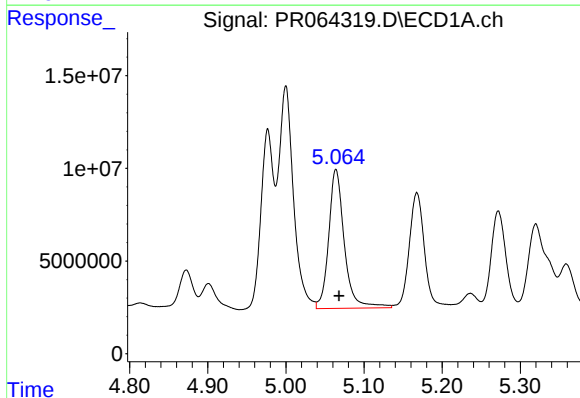
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 159261869
Conc: 580.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



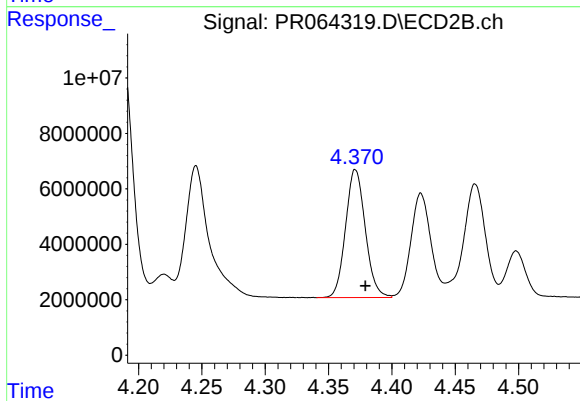
#17 AR-1242-2

R.T.: 4.188 min
Delta R.T.: -0.007 min
Response: 90564688
Conc: 538.32 ng/ml



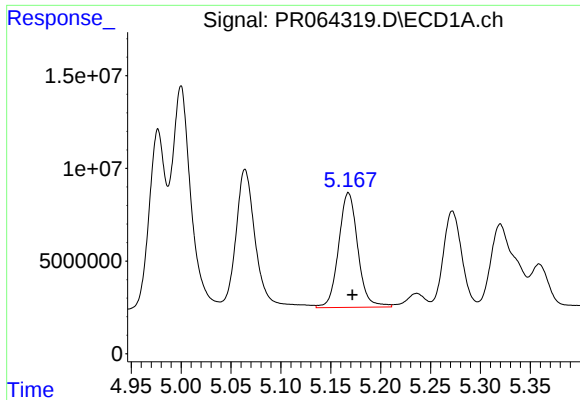
#18 AR-1242-3

R.T.: 5.064 min
Delta R.T.: -0.004 min
Response: 104462035
Conc: 594.05 ng/ml



#18 AR-1242-3

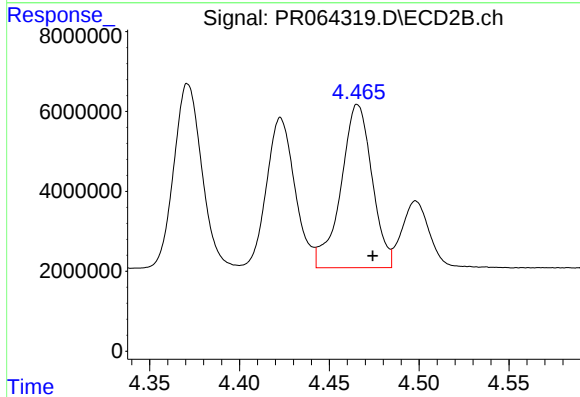
R.T.: 4.371 min
Delta R.T.: -0.008 min
Response: 50086380
Conc: 538.44 ng/ml



#19 AR-1242-4

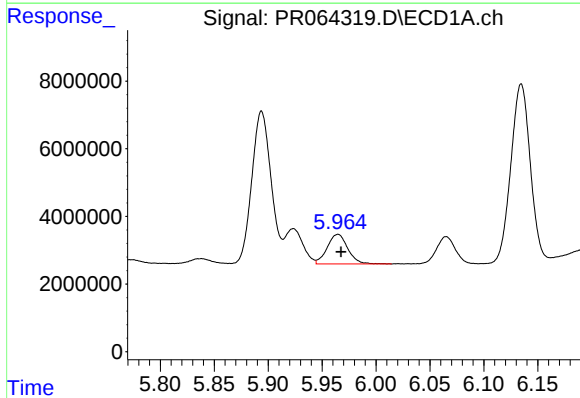
R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 82952449
Conc: 606.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



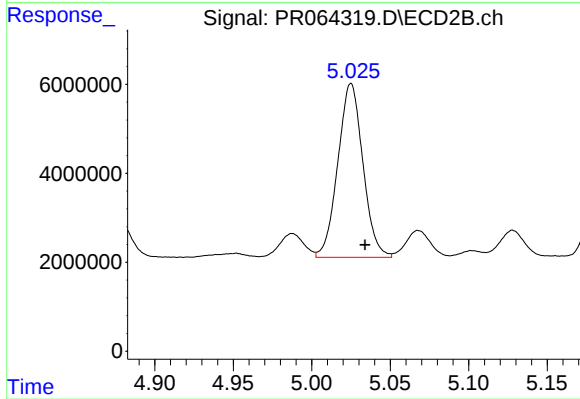
#19 AR-1242-4

R.T.: 4.466 min
Delta R.T.: -0.008 min
Response: 49248938
Conc: 541.87 ng/ml



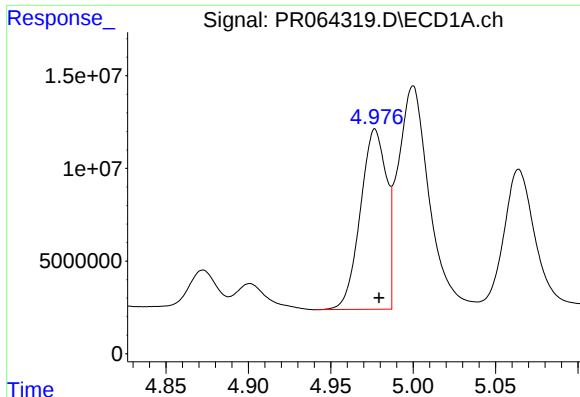
#20 AR-1242-5

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 11634168
Conc: 78.58 ng/ml



#20 AR-1242-5

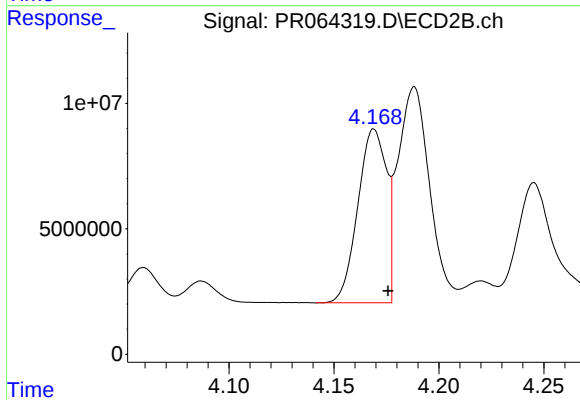
R.T.: 5.025 min
Delta R.T.: -0.009 min
Response: 43444870
Conc: 391.94 ng/ml



#21 AR-1248-1

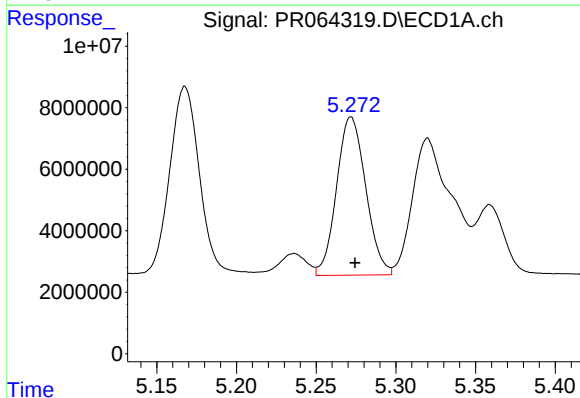
R.T.: 4.977 min
Delta R.T.: -0.002 min
Response: 106959127
Conc: 775.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



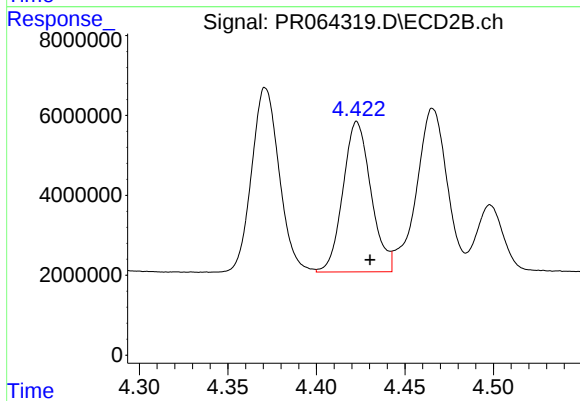
#21 AR-1248-1

R.T.: 4.169 min
Delta R.T.: -0.007 min
Response: 65661454
Conc: 696.03 ng/ml



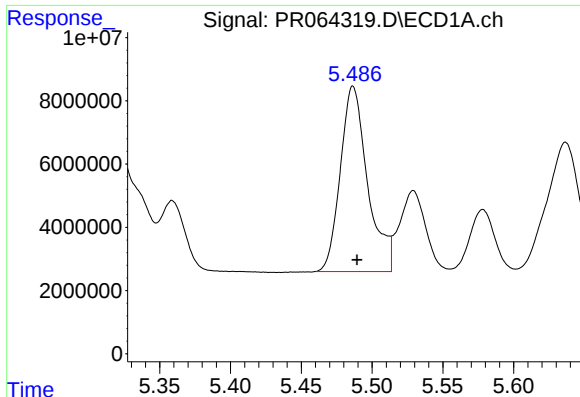
#22 AR-1248-2

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 65546816
Conc: 334.73 ng/ml



#22 AR-1248-2

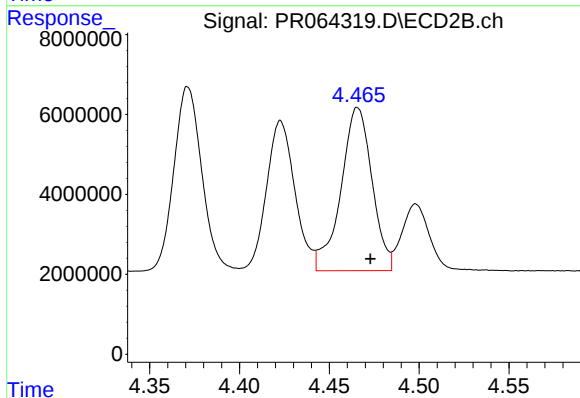
R.T.: 4.423 min
Delta R.T.: -0.007 min
Response: 41446019
Conc: 318.32 ng/ml



#23 AR-1248-3

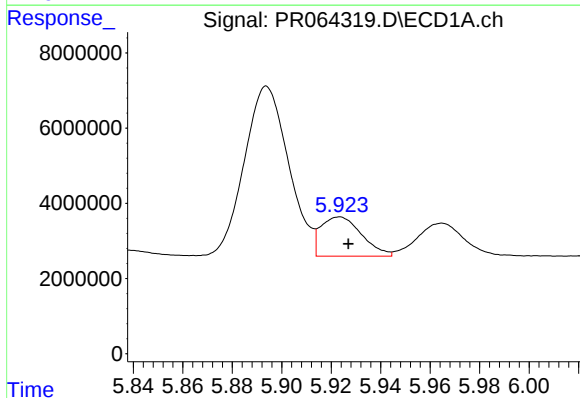
R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 78569296
Conc: 341.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



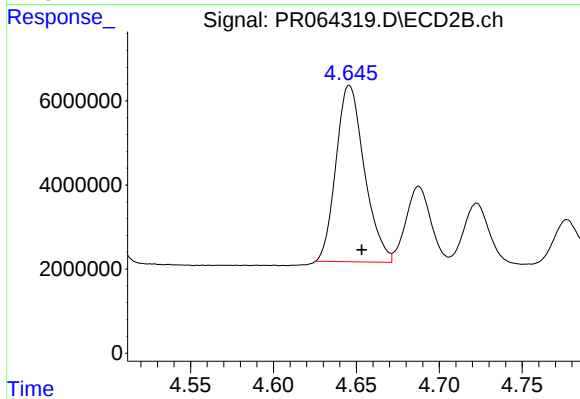
#23 AR-1248-3

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 49248938
Conc: 365.31 ng/ml



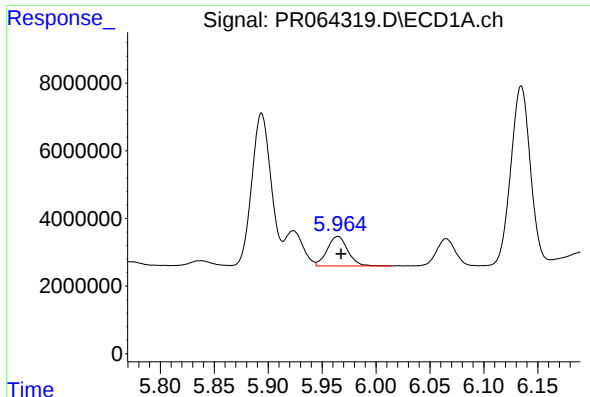
#24 AR-1248-4

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 11928872
Conc: 48.18 ng/ml



#24 AR-1248-4

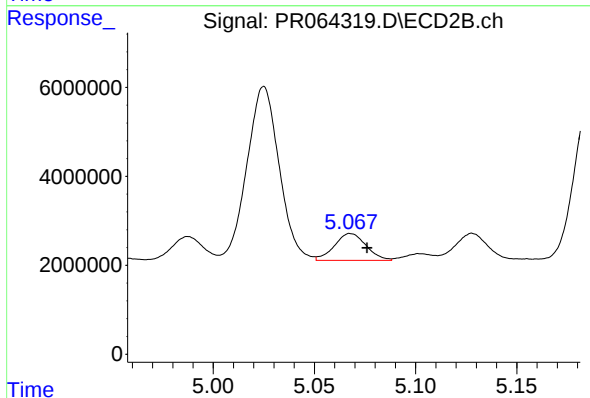
R.T.: 4.646 min
Delta R.T.: -0.008 min
Response: 49895432
Conc: 310.21 ng/ml



#25 AR-1248-5

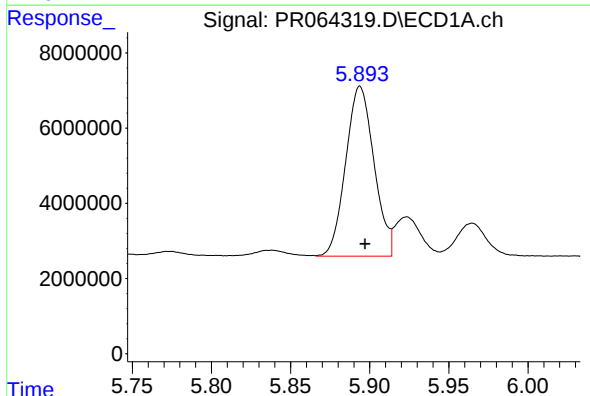
R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 11634168
Conc: 46.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



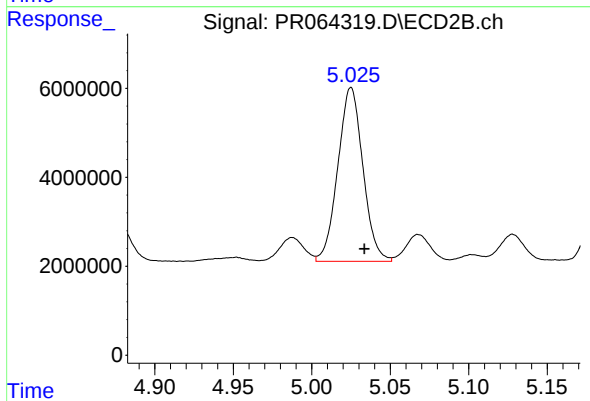
#25 AR-1248-5

R.T.: 5.068 min
Delta R.T.: -0.008 min
Response: 6584238
Conc: 43.54 ng/ml



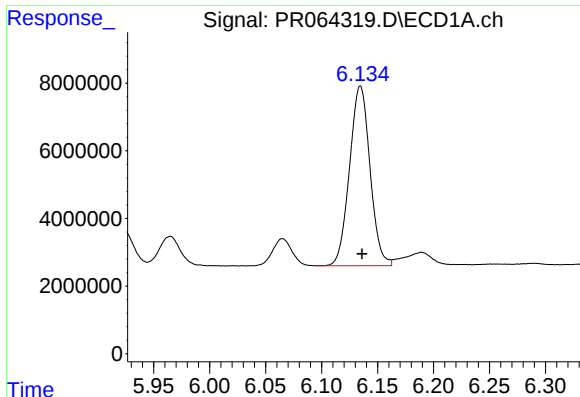
#26 AR-1254-1

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 56172637
Conc: 224.04 ng/ml



#26 AR-1254-1

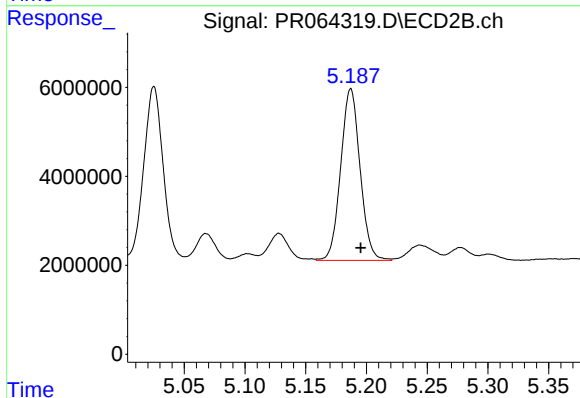
R.T.: 5.025 min
Delta R.T.: -0.009 min
Response: 43444870
Conc: 188.38 ng/ml



#27 AR-1254-2

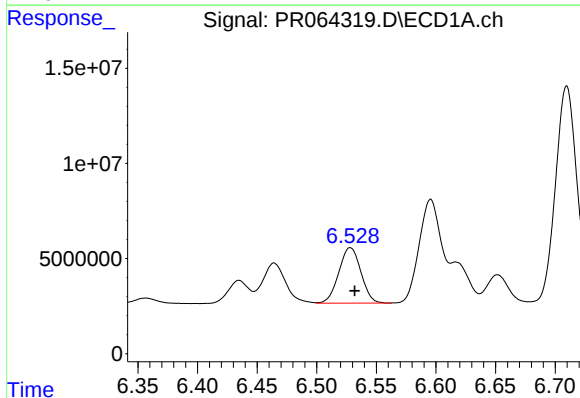
R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 67619466
Conc: 177.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



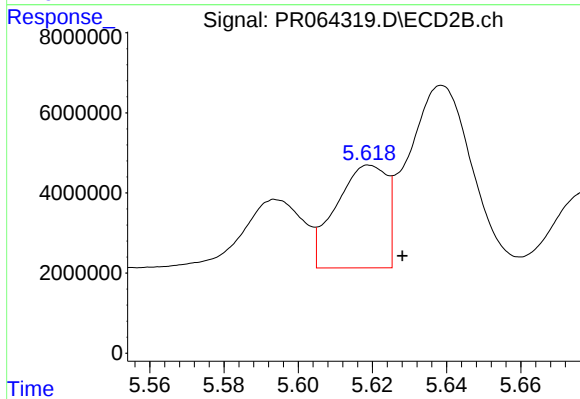
#27 AR-1254-2

R.T.: 5.187 min
Delta R.T.: -0.008 min
Response: 42839871
Conc: 216.35 ng/ml



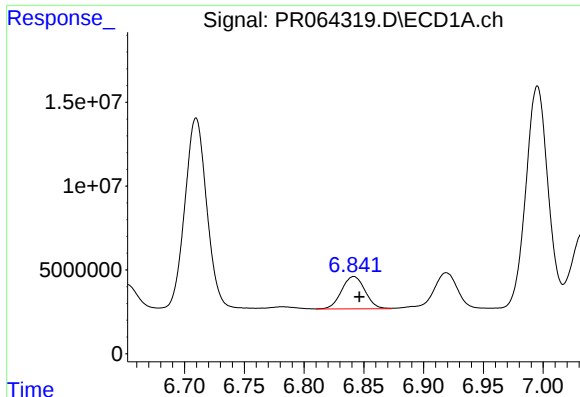
#28 AR-1254-3

R.T.: 6.528 min
Delta R.T.: -0.004 min
Response: 37641997
Conc: 96.61 ng/ml



#28 AR-1254-3

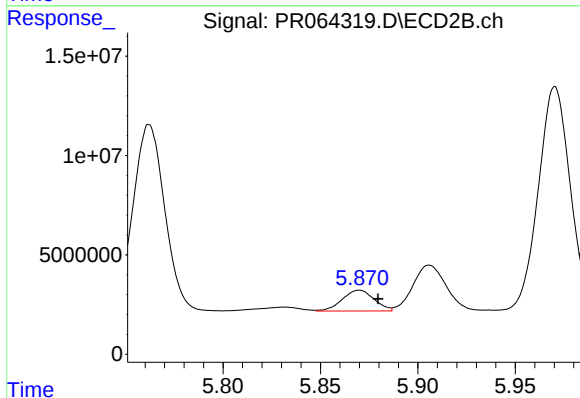
R.T.: 5.619 min
Delta R.T.: -0.009 min
Response: 24255730
Conc: 77.48 ng/ml



#29 AR-1254-4

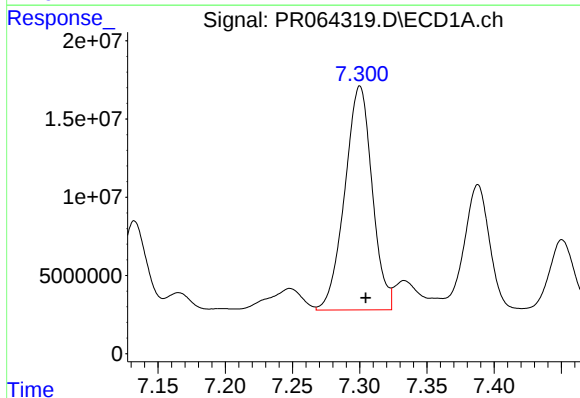
R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 26205804
Conc: 97.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



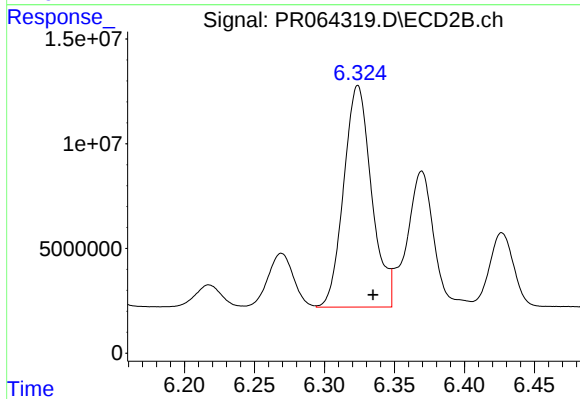
#29 AR-1254-4

R.T.: 5.870 min
Delta R.T.: -0.010 min
Response: 11866791
Conc: 63.15 ng/ml



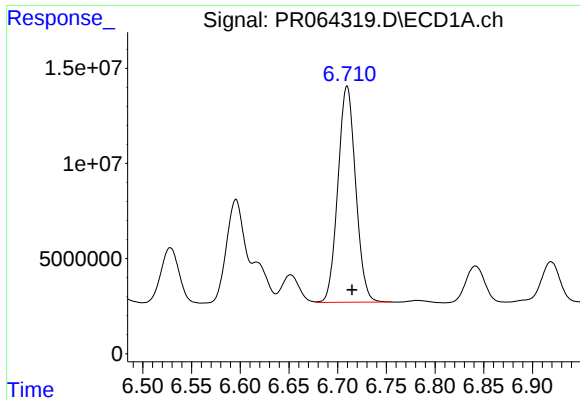
#30 AR-1254-5

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 203005180
Conc: 690.47 ng/ml



#30 AR-1254-5

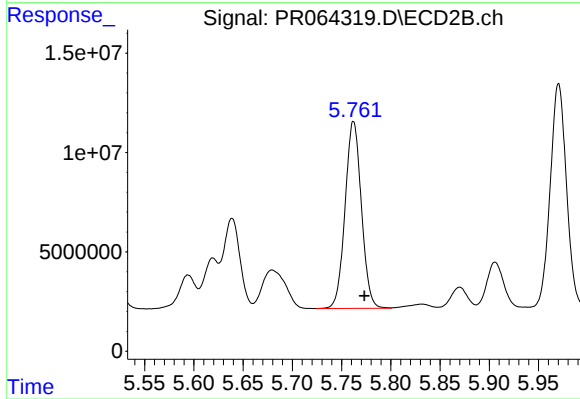
R.T.: 6.324 min
Delta R.T.: -0.011 min
Response: 146604748
Conc: 537.30 ng/ml



#31 AR-1260-1

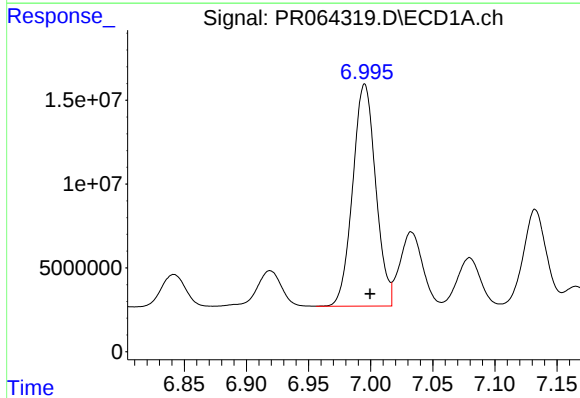
R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 143898723
Conc: 484.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



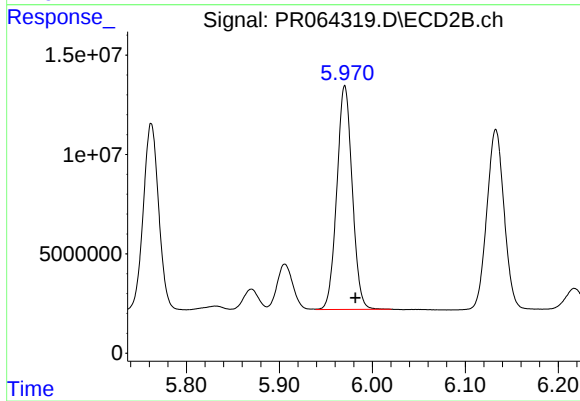
#31 AR-1260-1

R.T.: 5.762 min
Delta R.T.: -0.011 min
Response: 108480598
Conc: 483.15 ng/ml



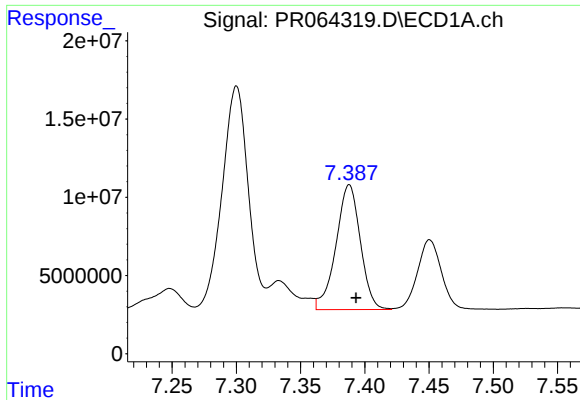
#32 AR-1260-2

R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 170797692
Conc: 493.89 ng/ml



#32 AR-1260-2

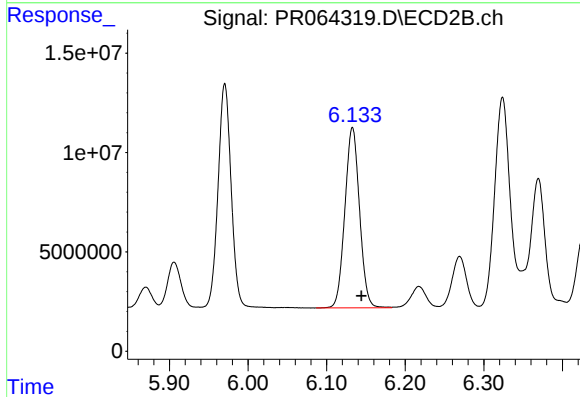
R.T.: 5.970 min
Delta R.T.: -0.011 min
Response: 129713782
Conc: 491.89 ng/ml



#33 AR-1260-3

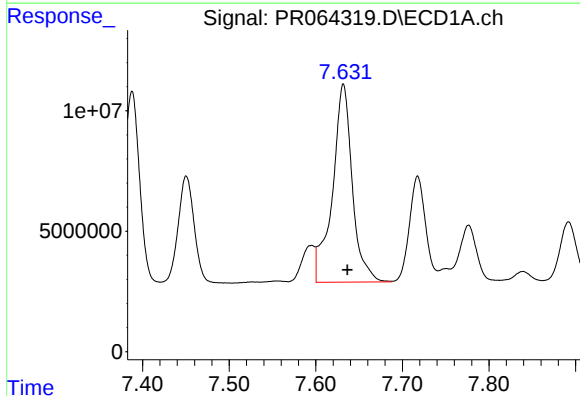
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 105353499
Conc: 410.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



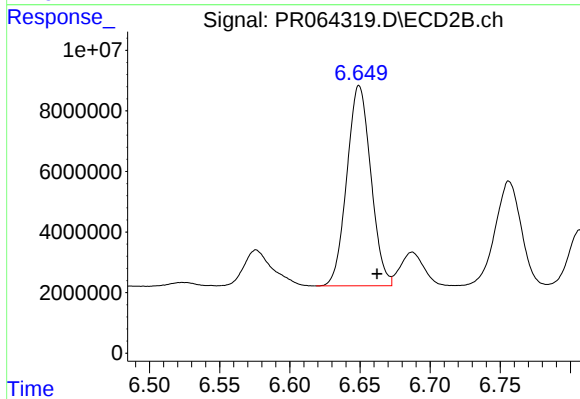
#33 AR-1260-3

R.T.: 6.133 min
Delta R.T.: -0.012 min
Response: 117621658
Conc: 465.15 ng/ml



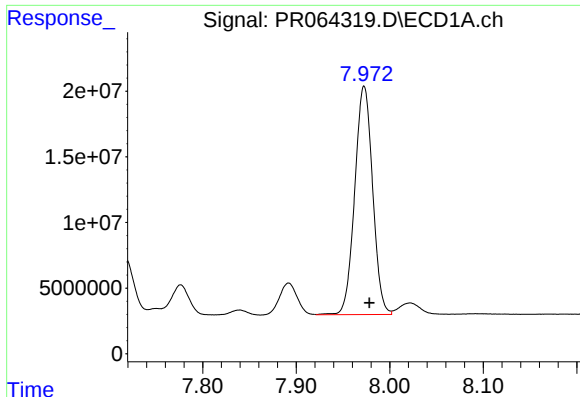
#34 AR-1260-4

R.T.: 7.632 min
Delta R.T.: -0.005 min
Response: 131376032
Conc: 464.85 ng/ml



#34 AR-1260-4

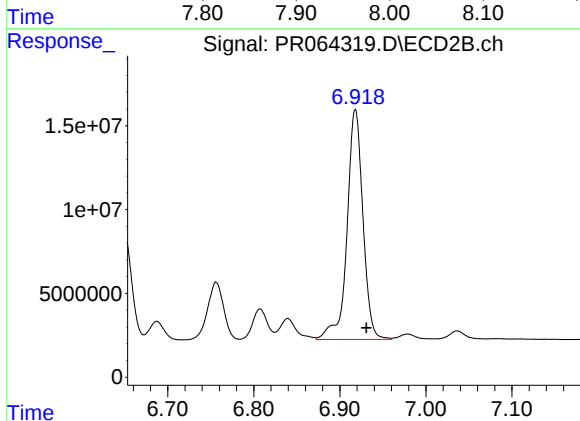
R.T.: 6.649 min
Delta R.T.: -0.013 min
Response: 78719072
Conc: 399.02 ng/ml



#35 AR-1260-5

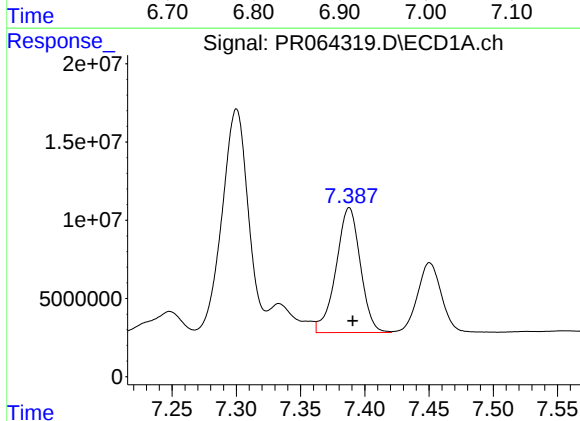
R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 231284598
Conc: 428.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



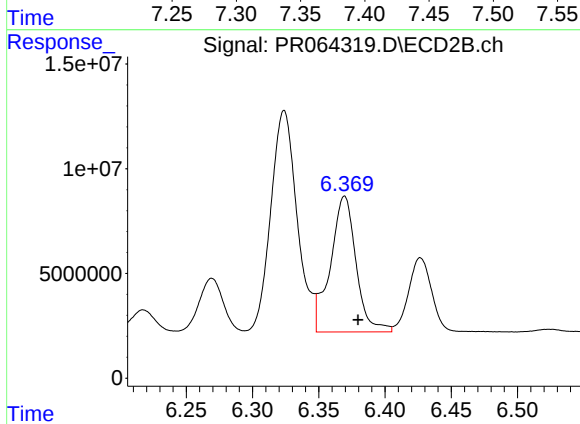
#35 AR-1260-5

R.T.: 6.918 min
Delta R.T.: -0.013 min
Response: 176009034
Conc: 414.49 ng/ml



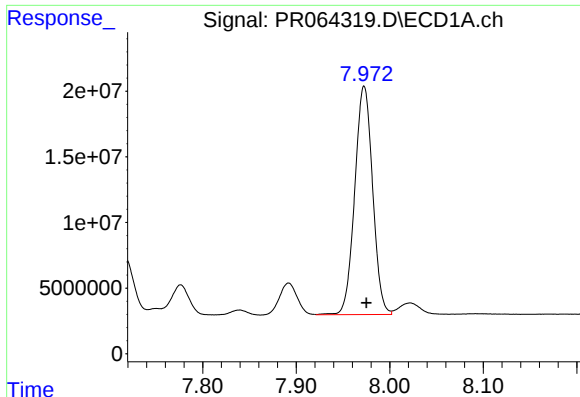
#36 AR-1262-1

R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 105353499
Conc: 279.83 ng/ml



#36 AR-1262-1

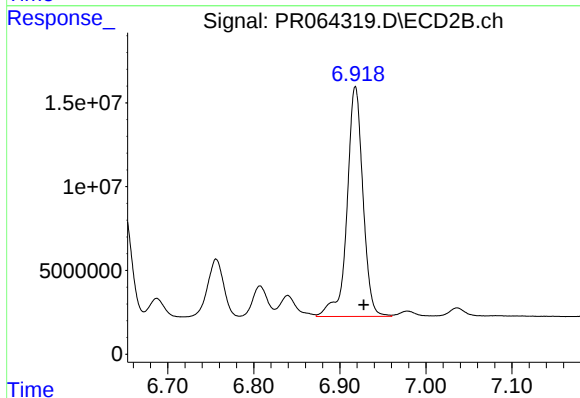
R.T.: 6.369 min
Delta R.T.: -0.010 min
Response: 87651168
Conc: 301.12 ng/ml



#37 AR-1262-2

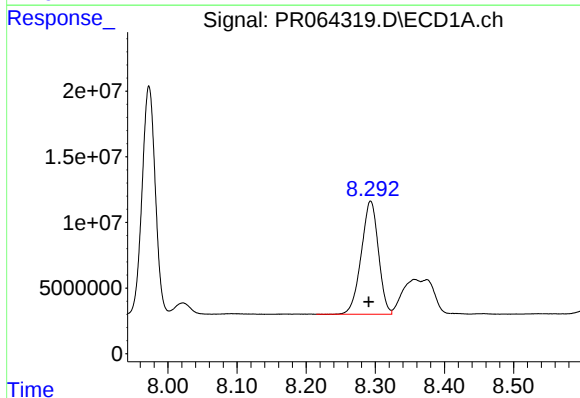
R.T.: 7.973 min
Delta R.T.: -0.003 min
Response: 231284598
Conc: 375.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



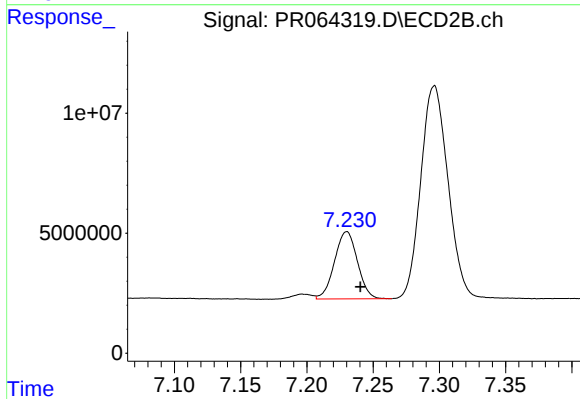
#37 AR-1262-2

R.T.: 6.918 min
Delta R.T.: -0.009 min
Response: 176009034
Conc: 377.10 ng/ml



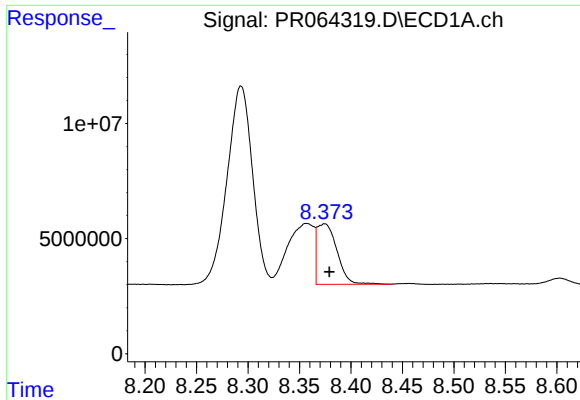
#38 AR-1262-3

R.T.: 8.293 min
Delta R.T.: 0.003 min
Response: 148328565
Conc: 353.98 ng/ml



#38 AR-1262-3

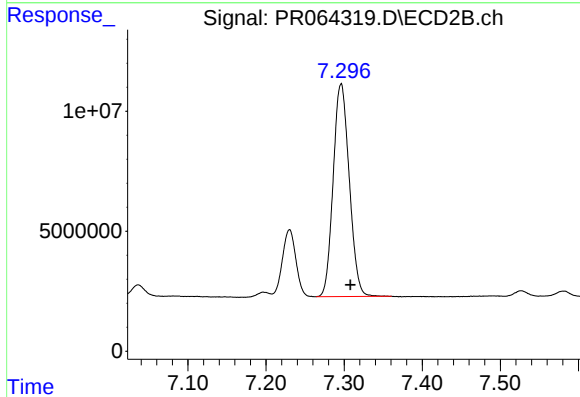
R.T.: 7.230 min
Delta R.T.: -0.010 min
Response: 33867884
Conc: 185.47 ng/ml



#39 AR-1262-4

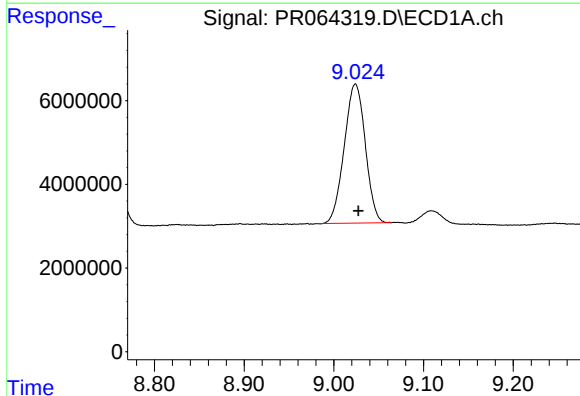
R.T.: 8.375 min
Delta R.T.: -0.004 min
Response: 35374517
Conc: 109.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



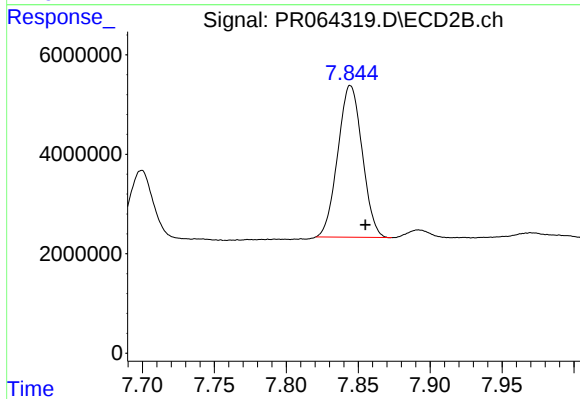
#39 AR-1262-4

R.T.: 7.296 min
Delta R.T.: -0.012 min
Response: 126901053
Conc: 376.74 ng/ml



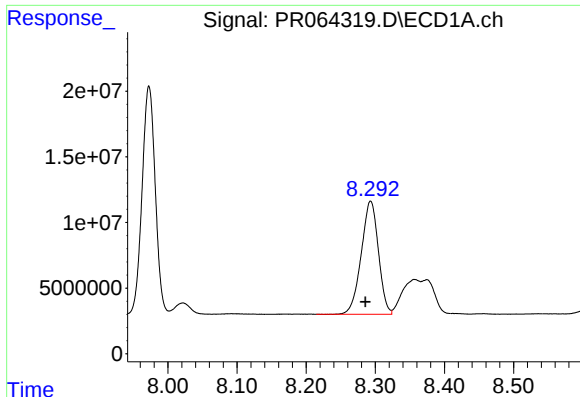
#40 AR-1262-5

R.T.: 9.024 min
Delta R.T.: -0.003 min
Response: 54292822
Conc: 247.02 ng/ml



#40 AR-1262-5

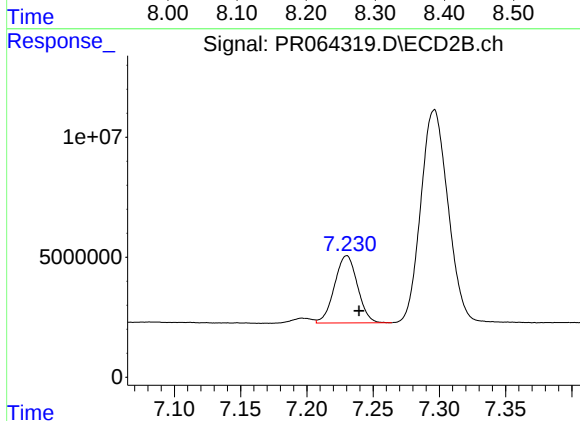
R.T.: 7.845 min
Delta R.T.: -0.011 min
Response: 36143926
Conc: 247.34 ng/ml



#41 AR-1268-1

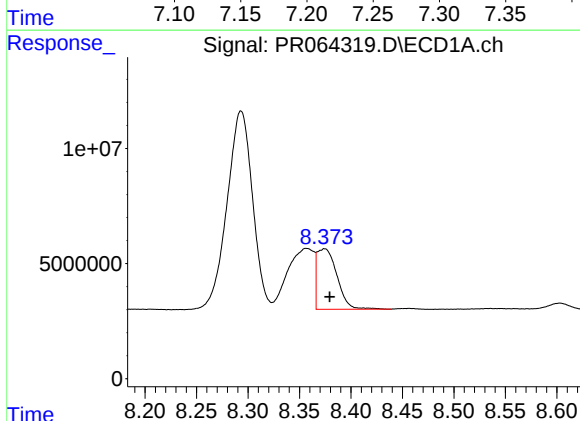
R.T.: 8.293 min
Delta R.T.: 0.007 min
Response: 148328565
Conc: 202.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



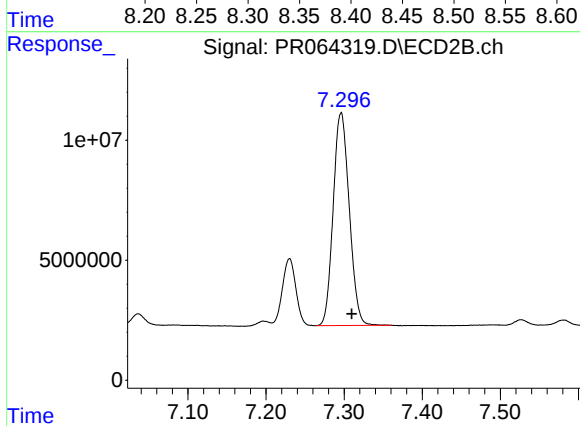
#41 AR-1268-1

R.T.: 7.230 min
Delta R.T.: -0.009 min
Response: 33867884
Conc: 65.10 ng/ml



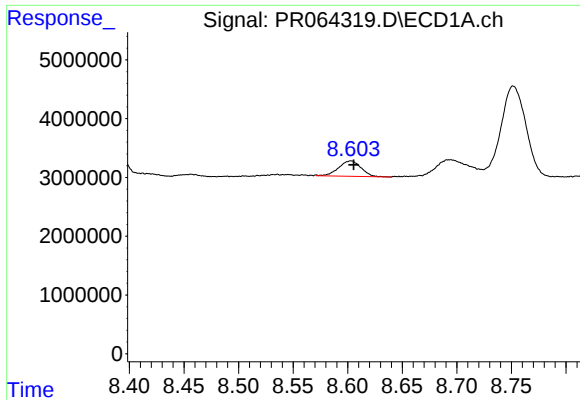
#42 AR-1268-2

R.T.: 8.375 min
Delta R.T.: -0.005 min
Response: 35374517
Conc: 53.31 ng/ml



#42 AR-1268-2

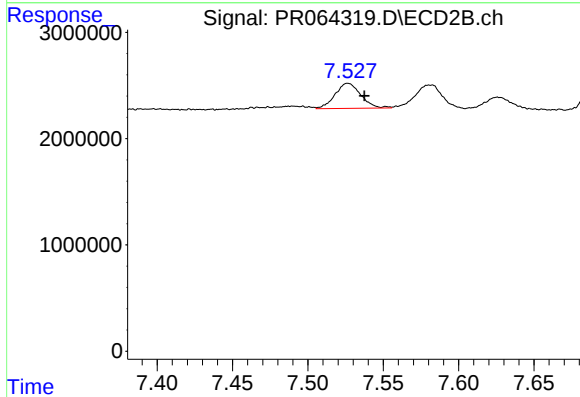
R.T.: 7.296 min
Delta R.T.: -0.013 min
Response: 126901053
Conc: 268.80 ng/ml



#43 AR-1268-3

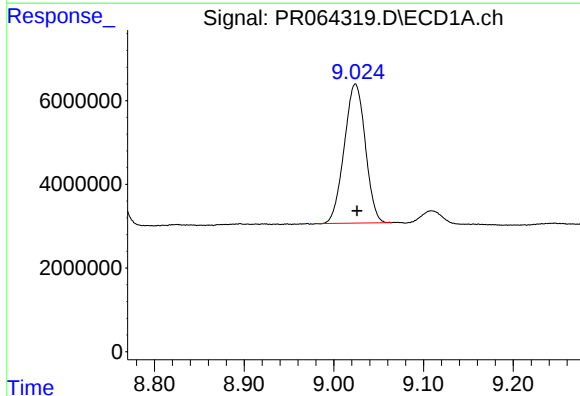
R.T.: 8.603 min
Delta R.T.: -0.002 min
Response: 3748152
Conc: 6.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



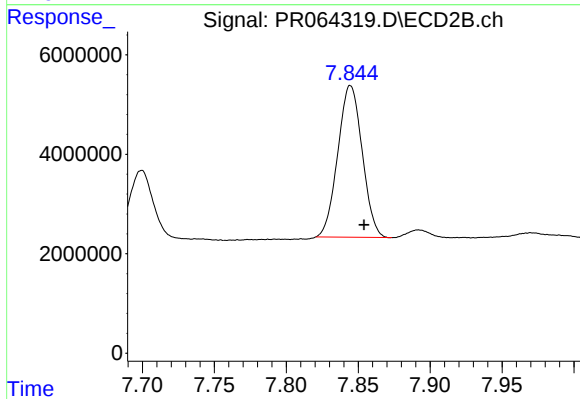
#43 AR-1268-3

R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 2802874
Conc: 7.02 ng/ml



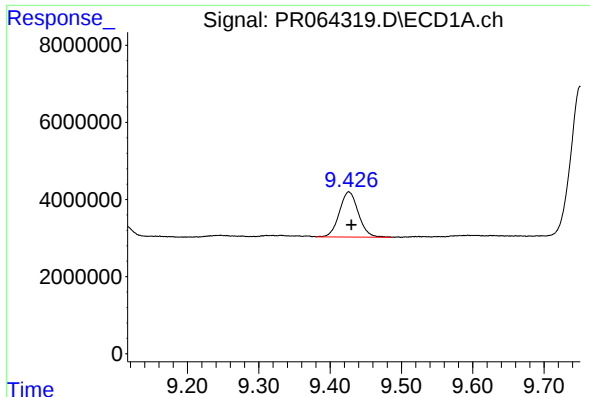
#44 AR-1268-4

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 54292822
Conc: 232.14 ng/ml



#44 AR-1268-4

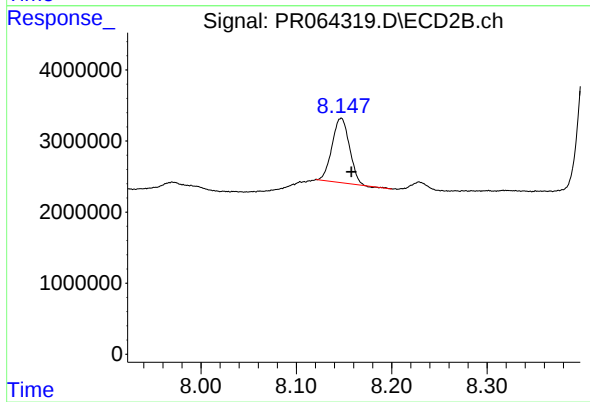
R.T.: 7.845 min
Delta R.T.: -0.009 min
Response: 36143926
Conc: 222.07 ng/ml



#45 AR-1268-5

R.T.: 9.426 min
Delta R.T.: -0.004 min
Response: 21753777
Conc: 12.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.147 min
Delta R.T.: -0.011 min
Response: 11333068
Conc: 9.69 ng/ml