

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR103019\
 Data File : PR042680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 11:50
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660390

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 12:07:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 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...	4.722	3.982	107.7E6	392.7E6	26.475	25.679
2)	SA Decachlor...	10.640	9.084	107.7E6	338.9E6	31.346	34.185
Target Compounds							
3)	L1 AR-1016-1	5.899	5.077	69407386	234.8E6	483.442	431.904
4)	L1 AR-1016-2	5.922	5.098	98592930	303.5E6	482.125	420.551
5)	L1 AR-1016-3	5.984	5.276	57806260	148.3E6	475.484	406.822
6)	L1 AR-1016-4	6.085	5.315	47604844	110.0E6	468.087	396.331
7)	L1 AR-1016-5	6.379	5.532	47389931	122.4E6	475.942	395.686
8)	L2 AR-1221-1	4.925	4.193	5823902	23269270	141.854	137.738
9)	L2 AR-1221-2	5.018	4.282	7759458	29710214	267.444	241.748
10)	L2 AR-1221-3	5.096	4.359	33019628	127.0E6	339.385	326.181
11)	L3 AR-1232-1	5.096	4.359	33019628	127.0E6	394.603	372.867
12)	L3 AR-1232-2	5.631	5.098	47374237	303.5E6	1099.712	891.394
13)	L3 AR-1232-3	5.922	5.276	98592930	148.3E6	1096.509	880.850
14)	L3 AR-1232-4	6.085	5.358	47604844	128.8E6	1069.684	904.134
15)	L3 AR-1232-5	6.172	5.532	42175477	122.4E6	1283.817	907.981 #
16)	L4 AR-1242-1	5.899	5.077	69407386	234.8E6	629.400	552.817
17)	L4 AR-1242-2	5.922	5.098	98592930	303.5E6	635.057	533.365
18)	L4 AR-1242-3	5.984	5.276	57806260	148.3E6	616.081	514.009
19)	L4 AR-1242-4	6.085	5.358	47604844	128.8E6	612.772	494.712
20)	L4 AR-1242-5	6.823	5.885	6726499	94556495	76.850	356.422 #
21)	L5 AR-1248-1	5.899	5.077	69407386	234.8E6	834.099	720.320
22)	L5 AR-1248-2	6.172	5.315	42175477	110.0E6	367.528	295.287
23)	L5 AR-1248-3	6.379	5.358	47389931	128.8E6	365.502	344.049
24)	L5 AR-1248-4	6.782	5.532	7464250	122.4E6	48.644	307.202 #
25)	L5 AR-1248-5	6.823	5.927	6726499	18370806	46.457	52.599
26)	L6 AR-1254-1	6.756	5.885	32156182	94556495	196.900	178.498
27)	L6 AR-1254-2	6.972	6.032	32952611	87391788	132.820	174.311 #
28)	L6 AR-1254-3	7.343	6.453	18399694	203.8E6	68.182	216.010 #
29)	L6 AR-1254-4	7.628	6.666	12760891	23967561	62.875	36.200 #
30)	L6 AR-1254-5	8.047	7.084	95379293	289.2E6	448.520	336.761
31)	L7 AR-1260-1	7.505	6.568	73730802	224.7E6	389.151	379.114
32)	L7 AR-1260-2	7.760	6.754	84936091	299.5E6	359.348	367.352
33)	L7 AR-1260-3	8.122	6.912	60879662	254.9E6	324.297	368.738
34)	L7 AR-1260-4	8.361	7.384	68233704	197.7E6	339.528	340.666
35)	L7 AR-1260-5	8.699	7.623	131.4E6	524.9E6	303.651	322.814
36)	L8 AR-1262-1	8.182	7.084	31060446	289.2E6	329.972	663.538 #
37)	L8 AR-1262-2	8.699	7.623	131.4E6	524.9E6	304.741	304.879
38)	L8 AR-1262-3	9.051	7.909	80266041	120.7E6	287.956	184.947 #
39)	L8 AR-1262-4	9.109	7.973	48520980	339.4E6	236.839	290.434
40)	L8 AR-1262-5	9.832	8.489	35338099	122.1E6	244.979	228.204
41)	L9 AR-1268-1	9.051	7.909	80266041	120.7E6	146.139	55.057 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR103019\
 Data File : PR042680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 11:50
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

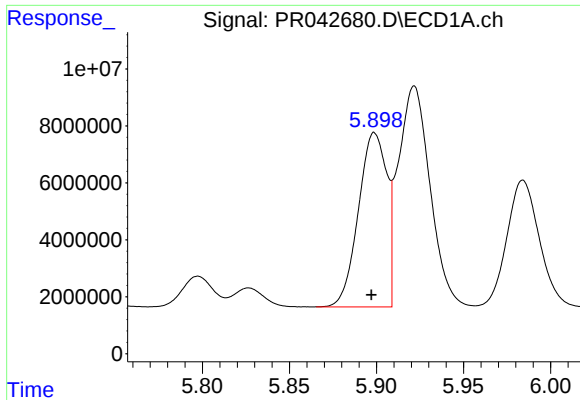
Instrument :
 ECD_R
 ClientSampleId :
 AR1660390

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 12:07:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.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	9.109	7.973	48520980	339.4E6	97.593	170.562 #
43) L9	AR-1268-3	0.000	8.187	0	8267948	N.D.	4.934 #
44) L9	AR-1268-4	9.832	8.489	35338099	122.1E6	201.416	189.150
45) L9	AR-1268-5	10.276	8.805	9536839	30736394	7.319	6.698

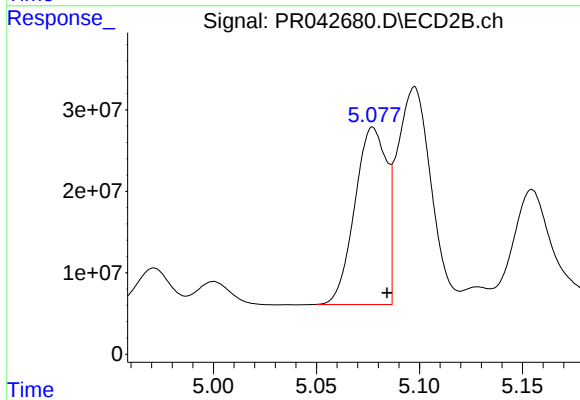
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

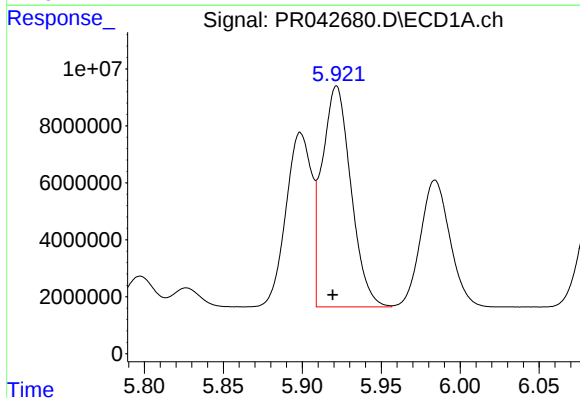
R.T.: 5.899 min
Delta R.T.: 0.002 min
Response: 69407386
Conc: 483.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



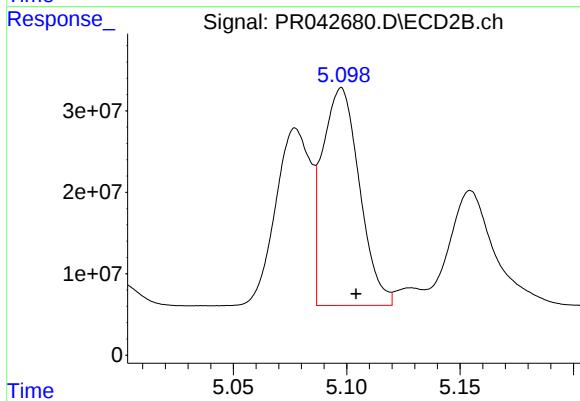
#3 AR-1016-1

R.T.: 5.077 min
Delta R.T.: -0.007 min
Response: 234781026
Conc: 431.90 ng/ml



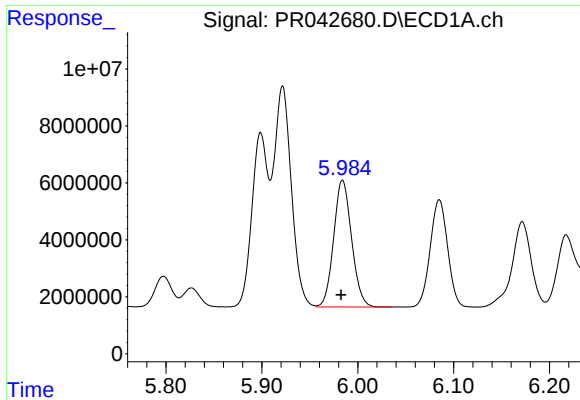
#4 AR-1016-2

R.T.: 5.922 min
Delta R.T.: 0.003 min
Response: 98592930
Conc: 482.13 ng/ml



#4 AR-1016-2

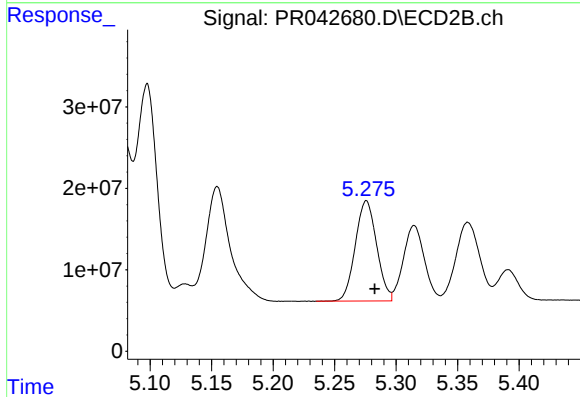
R.T.: 5.098 min
Delta R.T.: -0.006 min
Response: 303542568
Conc: 420.55 ng/ml



#5 AR-1016-3

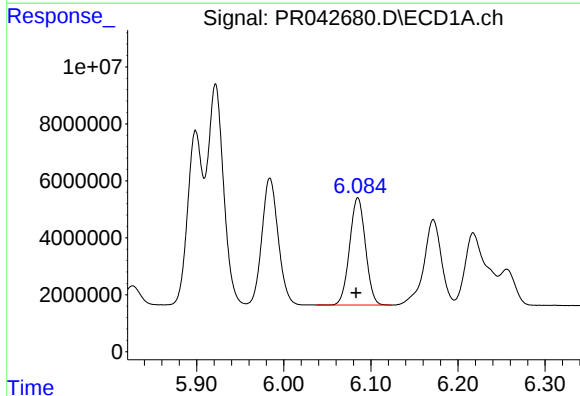
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 57806260
Conc: 475.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



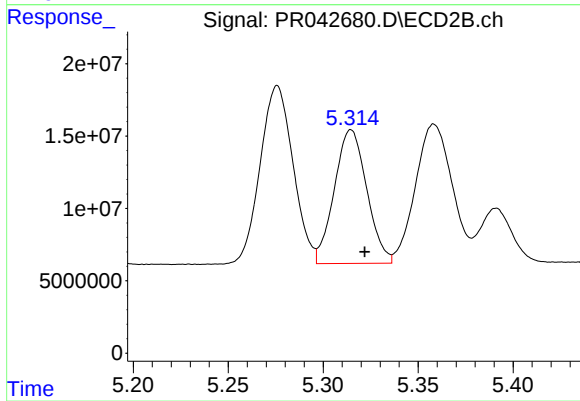
#5 AR-1016-3

R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 148346419
Conc: 406.82 ng/ml



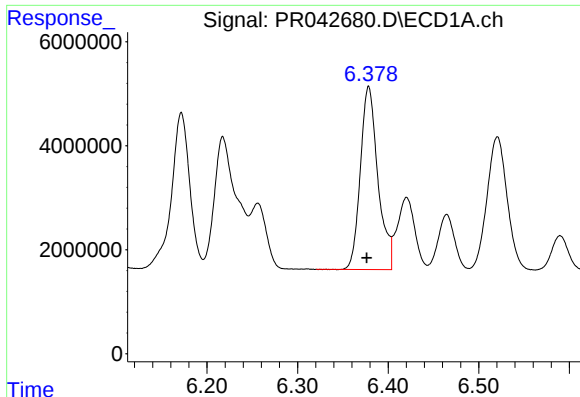
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 47604844
Conc: 468.09 ng/ml



#6 AR-1016-4

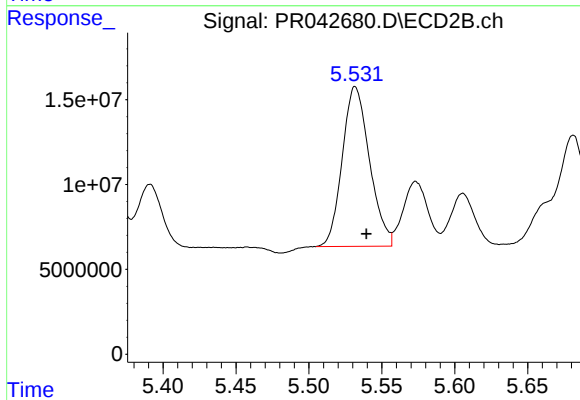
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 109985867
Conc: 396.33 ng/ml



#7 AR-1016-5

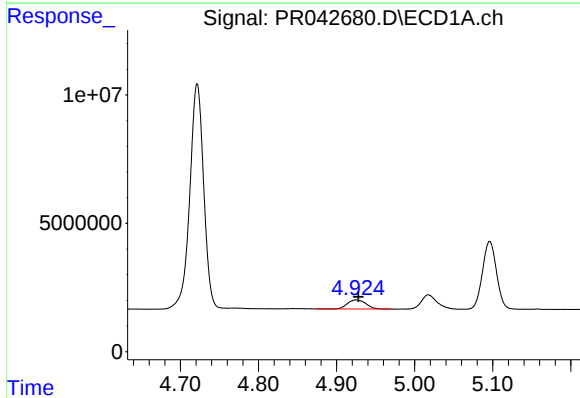
R.T.: 6.379 min
Delta R.T.: 0.002 min
Response: 47389931
Conc: 475.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



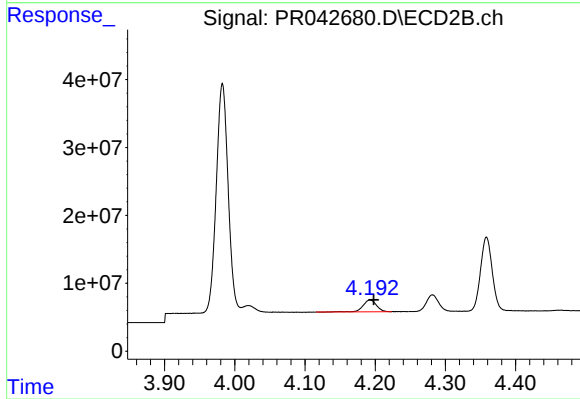
#7 AR-1016-5

R.T.: 5.532 min
Delta R.T.: -0.008 min
Response: 122351318
Conc: 395.69 ng/ml



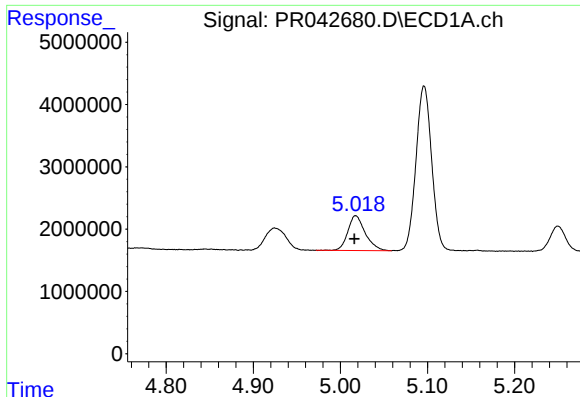
#8 AR-1221-1

R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 5823902
Conc: 141.85 ng/ml



#8 AR-1221-1

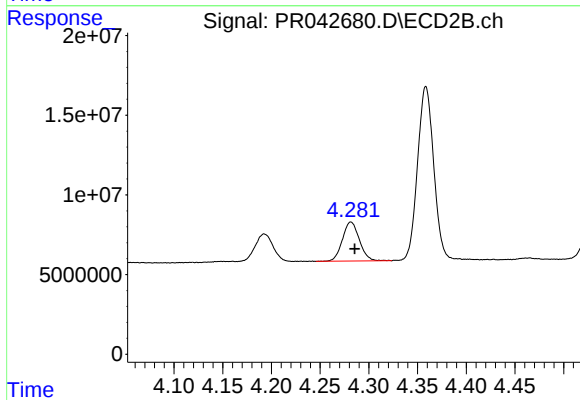
R.T.: 4.193 min
Delta R.T.: -0.005 min
Response: 23269270
Conc: 137.74 ng/ml



#9 AR-1221-2

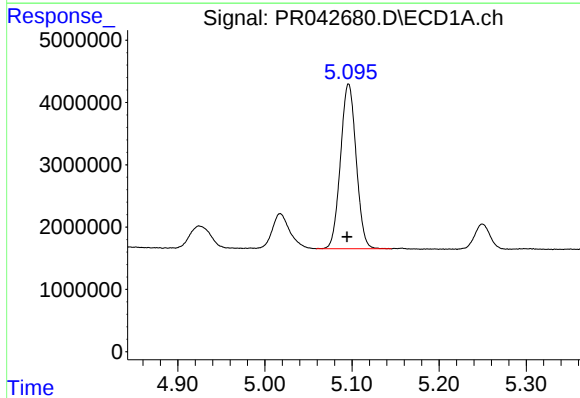
R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 7759458
Conc: 267.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



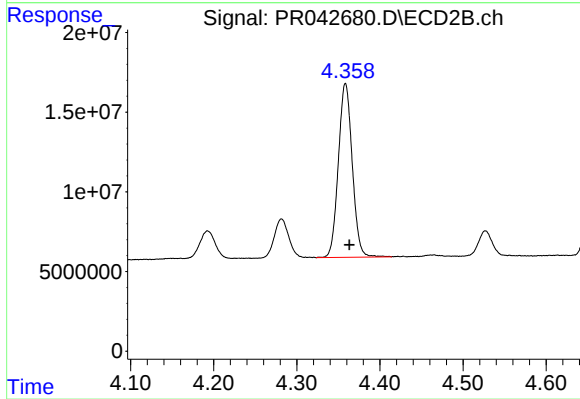
#9 AR-1221-2

R.T.: 4.282 min
Delta R.T.: -0.004 min
Response: 29710214
Conc: 241.75 ng/ml



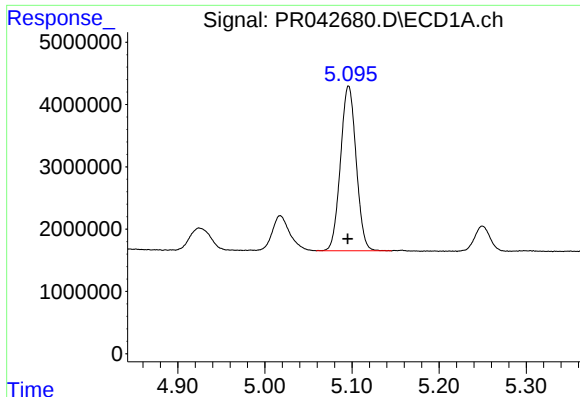
#10 AR-1221-3

R.T.: 5.096 min
Delta R.T.: 0.002 min
Response: 33019628
Conc: 339.38 ng/ml



#10 AR-1221-3

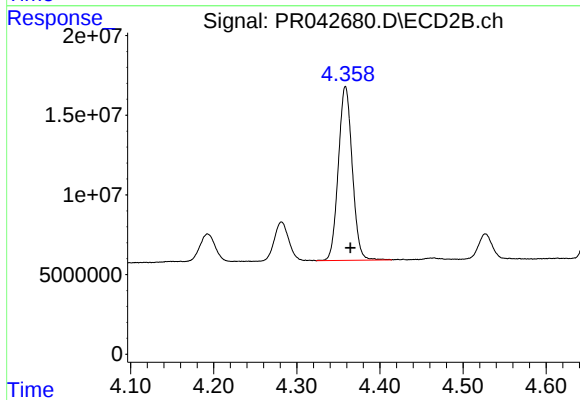
R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 127046855
Conc: 326.18 ng/ml



#11 AR-1232-1

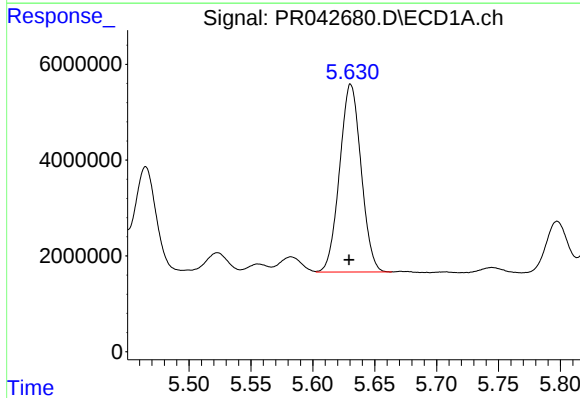
R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 33019628
Conc: 394.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



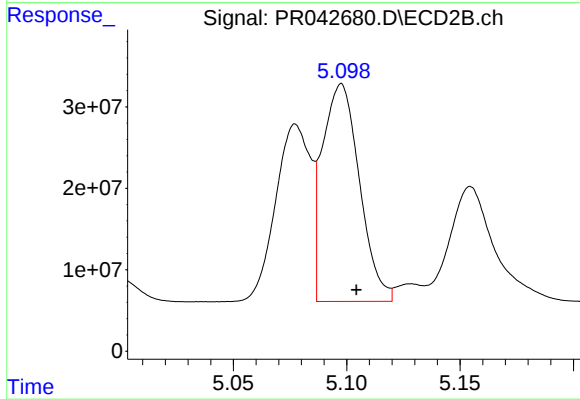
#11 AR-1232-1

R.T.: 4.359 min
Delta R.T.: -0.006 min
Response: 127046855
Conc: 372.87 ng/ml



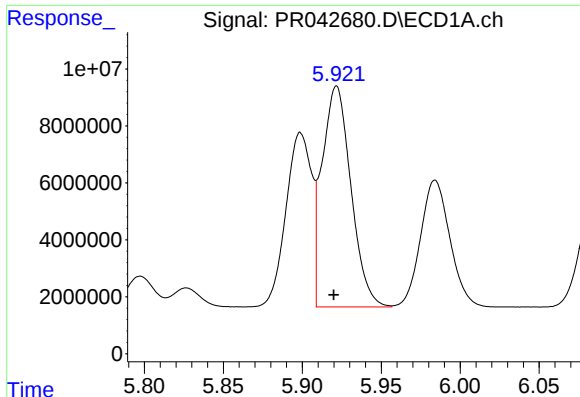
#12 AR-1232-2

R.T.: 5.631 min
Delta R.T.: 0.002 min
Response: 47374237
Conc: 1099.71 ng/ml



#12 AR-1232-2

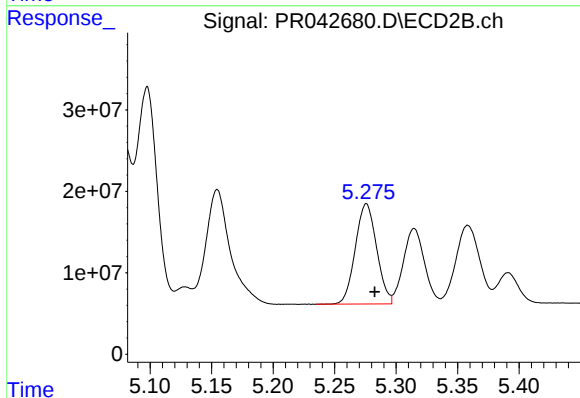
R.T.: 5.098 min
Delta R.T.: -0.007 min
Response: 303542568
Conc: 891.39 ng/ml



#13 AR-1232-3

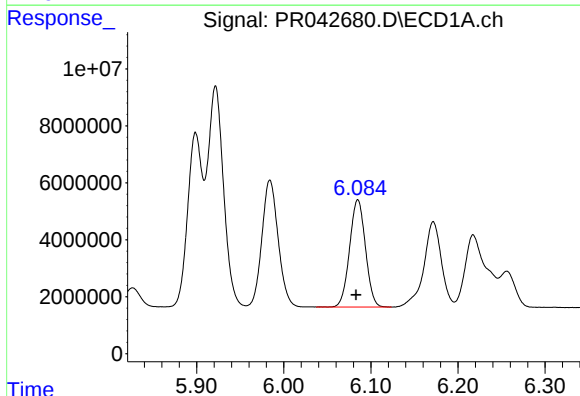
R.T.: 5.922 min
Delta R.T.: 0.002 min
Response: 98592930
Conc: 1096.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



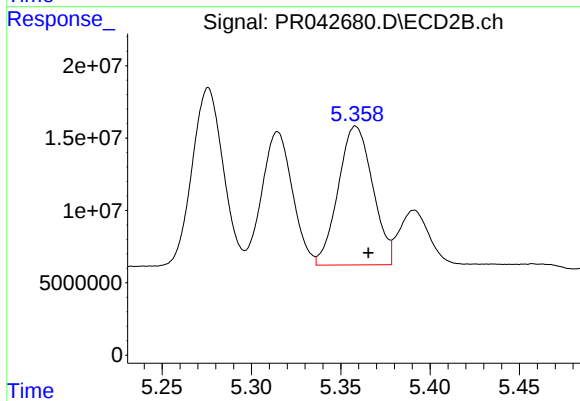
#13 AR-1232-3

R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 148346419
Conc: 880.85 ng/ml



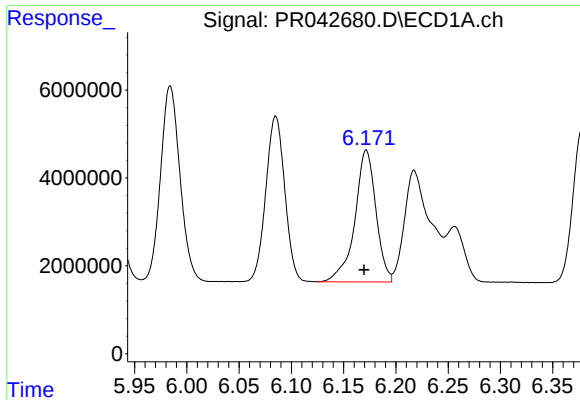
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 47604844
Conc: 1069.68 ng/ml



#14 AR-1232-4

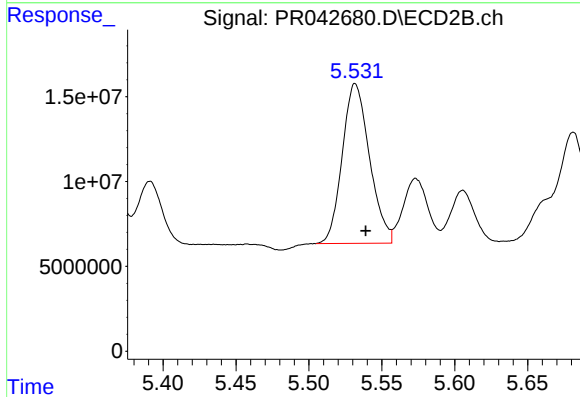
R.T.: 5.358 min
Delta R.T.: -0.007 min
Response: 128783916
Conc: 904.13 ng/ml



#15 AR-1232-5

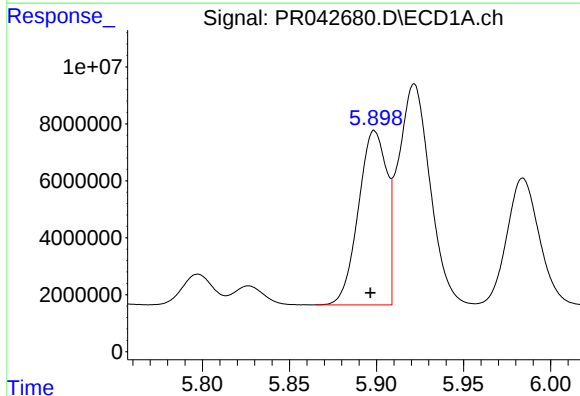
R.T.: 6.172 min
Delta R.T.: 0.002 min
Response: 42175477
Conc: 1283.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



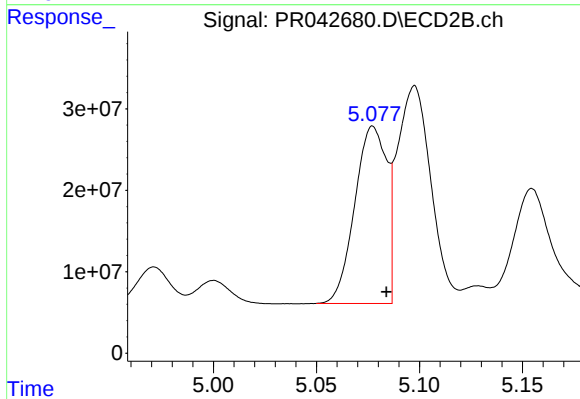
#15 AR-1232-5

R.T.: 5.532 min
Delta R.T.: -0.007 min
Response: 122351318
Conc: 907.98 ng/ml



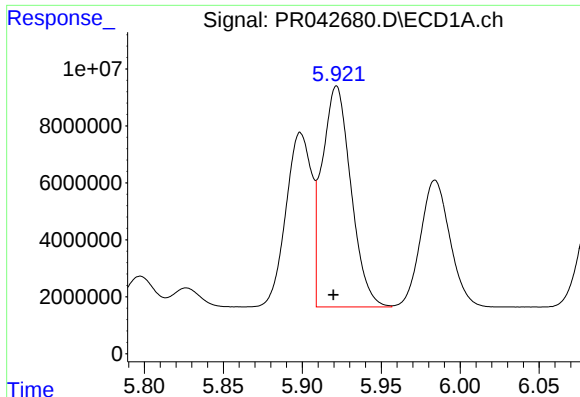
#16 AR-1242-1

R.T.: 5.899 min
Delta R.T.: 0.002 min
Response: 69407386
Conc: 629.40 ng/ml



#16 AR-1242-1

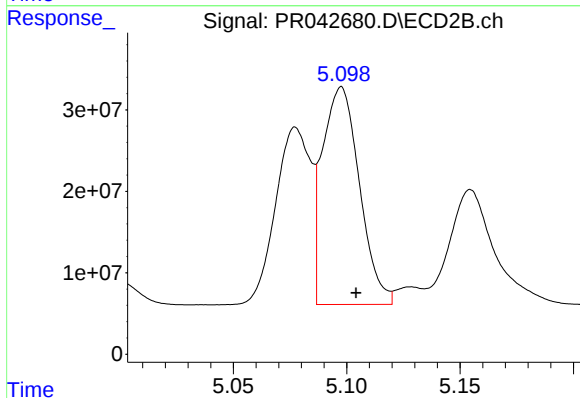
R.T.: 5.077 min
Delta R.T.: -0.006 min
Response: 234781026
Conc: 552.82 ng/ml



#17 AR-1242-2

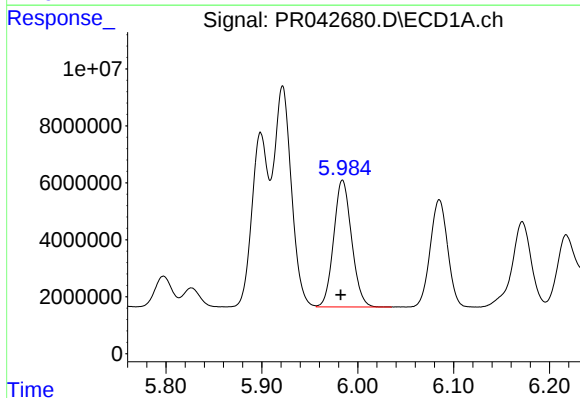
R.T.: 5.922 min
Delta R.T.: 0.002 min
Response: 98592930
Conc: 635.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



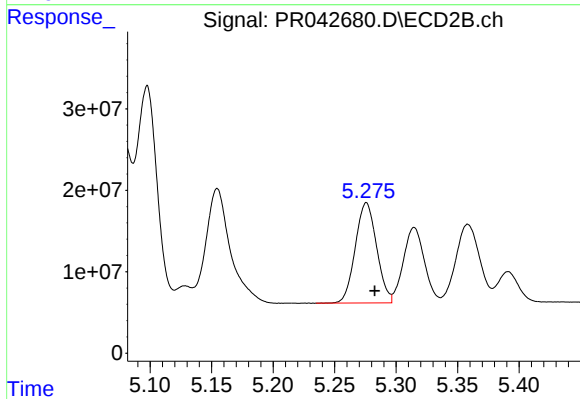
#17 AR-1242-2

R.T.: 5.098 min
Delta R.T.: -0.007 min
Response: 303542568
Conc: 533.36 ng/ml



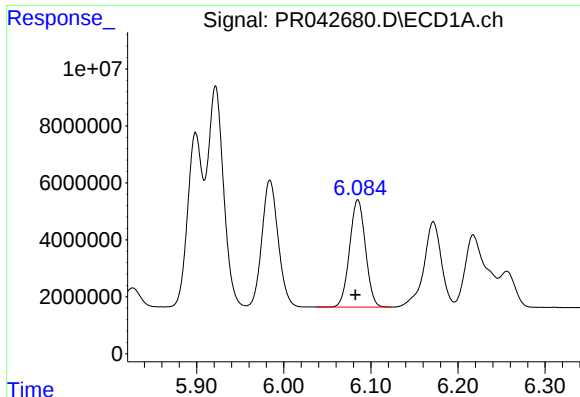
#18 AR-1242-3

R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 57806260
Conc: 616.08 ng/ml



#18 AR-1242-3

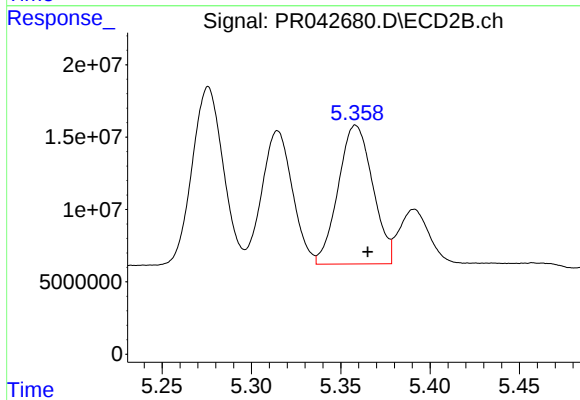
R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 148346419
Conc: 514.01 ng/ml



#19 AR-1242-4

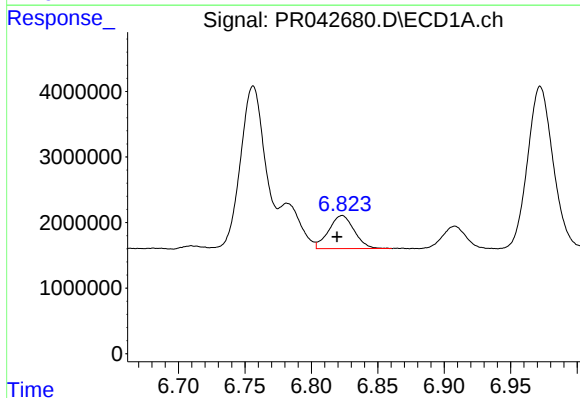
R.T.: 6.085 min
Delta R.T.: 0.003 min
Response: 47604844
Conc: 612.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



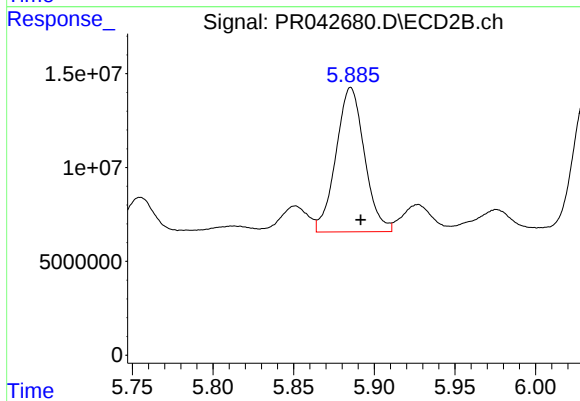
#19 AR-1242-4

R.T.: 5.358 min
Delta R.T.: -0.007 min
Response: 128783916
Conc: 494.71 ng/ml



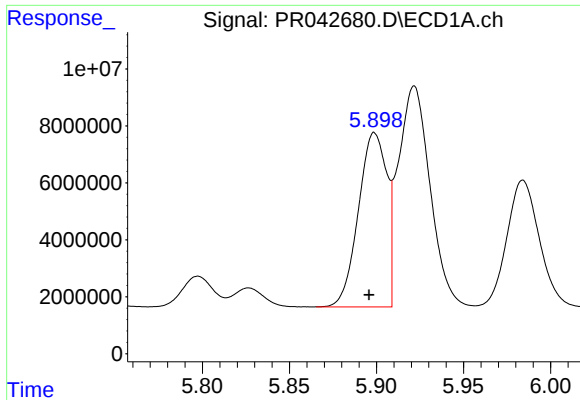
#20 AR-1242-5

R.T.: 6.823 min
Delta R.T.: 0.004 min
Response: 6726499
Conc: 76.85 ng/ml



#20 AR-1242-5

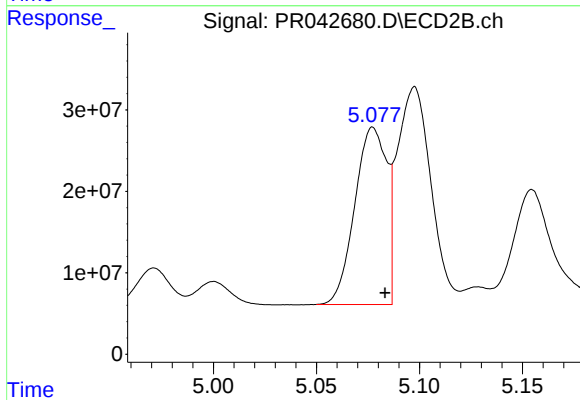
R.T.: 5.885 min
Delta R.T.: -0.006 min
Response: 94556495
Conc: 356.42 ng/ml



#21 AR-1248-1

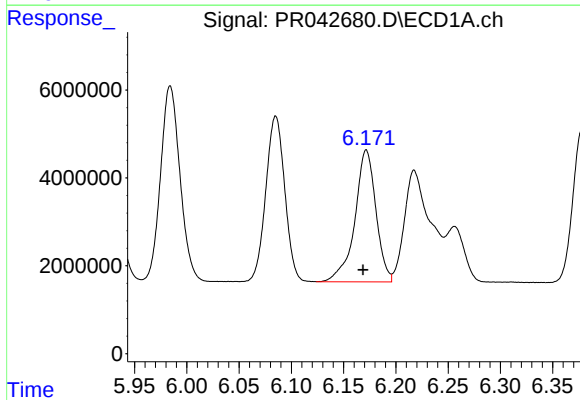
R.T.: 5.899 min
Delta R.T.: 0.003 min
Response: 69407386
Conc: 834.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



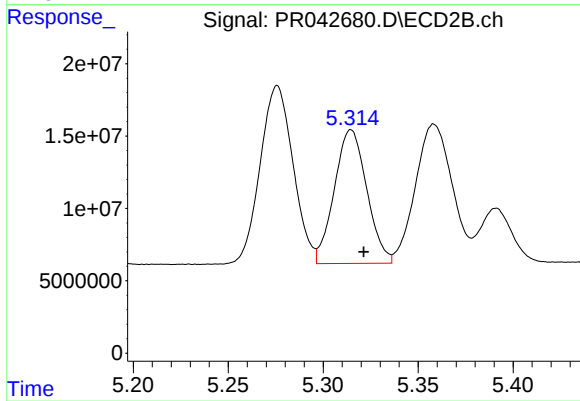
#21 AR-1248-1

R.T.: 5.077 min
Delta R.T.: -0.006 min
Response: 234781026
Conc: 720.32 ng/ml



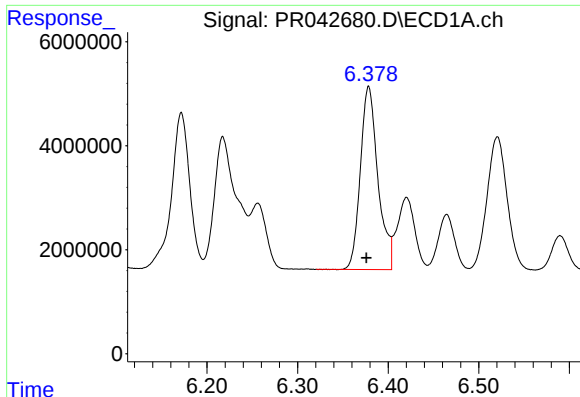
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: 0.003 min
Response: 42175477
Conc: 367.53 ng/ml



#22 AR-1248-2

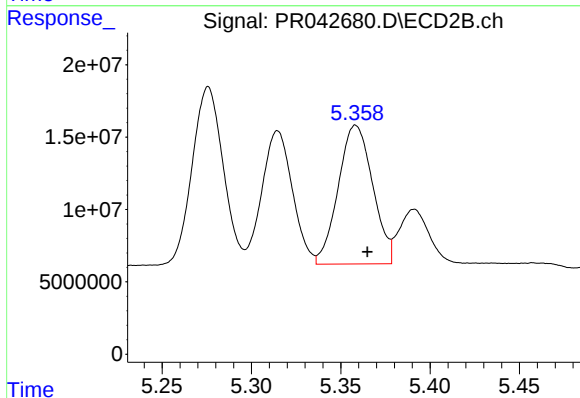
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 109985867
Conc: 295.29 ng/ml



#23 AR-1248-3

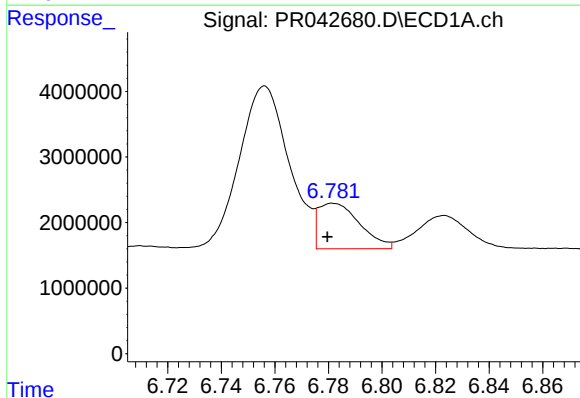
R.T.: 6.379 min
Delta R.T.: 0.002 min
Response: 47389931
Conc: 365.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



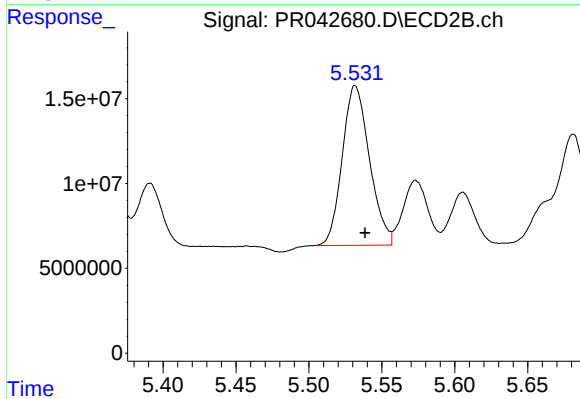
#23 AR-1248-3

R.T.: 5.358 min
Delta R.T.: -0.007 min
Response: 128783916
Conc: 344.05 ng/ml



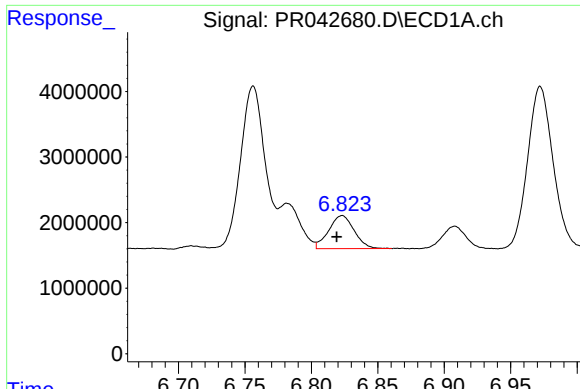
#24 AR-1248-4

R.T.: 6.782 min
Delta R.T.: 0.002 min
Response: 7464250
Conc: 48.64 ng/ml



#24 AR-1248-4

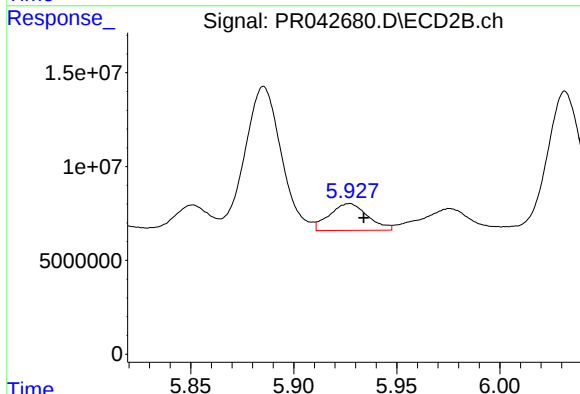
R.T.: 5.532 min
Delta R.T.: -0.007 min
Response: 122351318
Conc: 307.20 ng/ml



#25 AR-1248-5

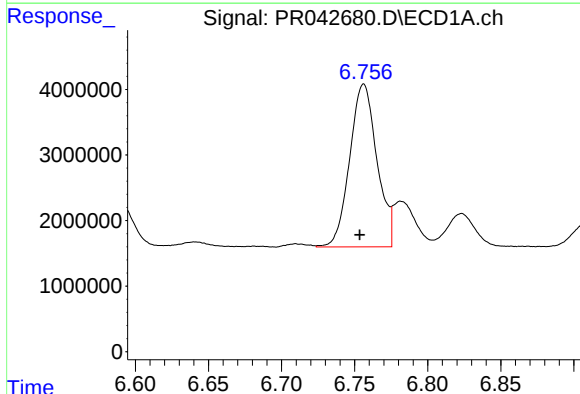
R.T.: 6.823 min
Delta R.T.: 0.004 min
Response: 6726499
Conc: 46.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



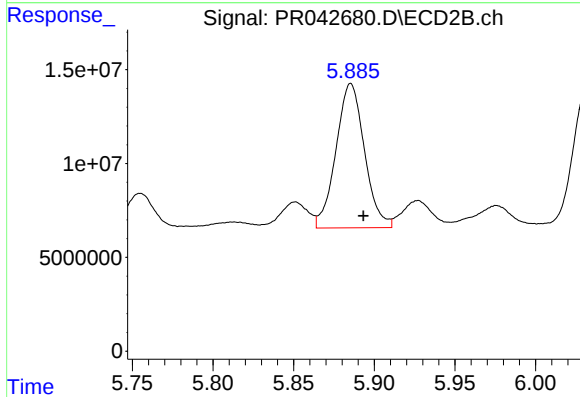
#25 AR-1248-5

R.T.: 5.927 min
Delta R.T.: -0.007 min
Response: 18370806
Conc: 52.60 ng/ml



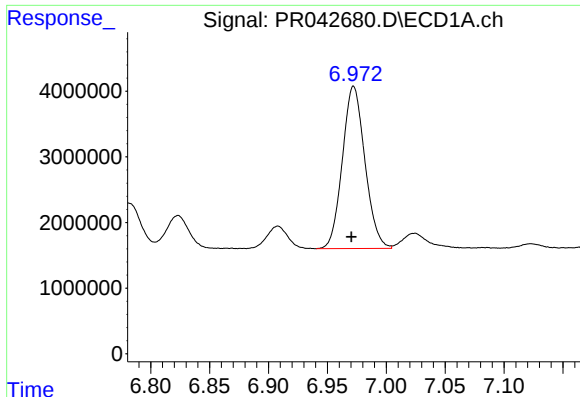
#26 AR-1254-1

R.T.: 6.756 min
Delta R.T.: 0.003 min
Response: 32156182
Conc: 196.90 ng/ml



#26 AR-1254-1

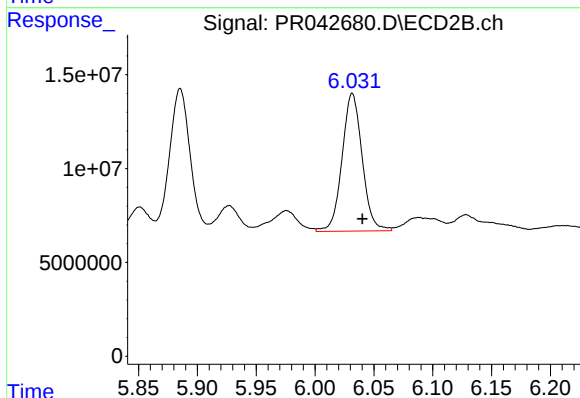
R.T.: 5.885 min
Delta R.T.: -0.008 min
Response: 94556495
Conc: 178.50 ng/ml



#27 AR-1254-2

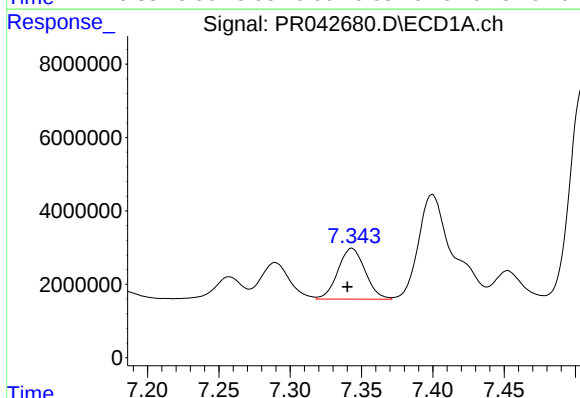
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 32952611
Conc: 132.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



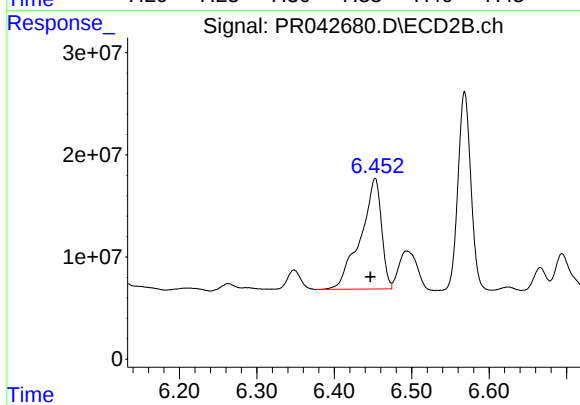
#27 AR-1254-2

R.T.: 6.032 min
Delta R.T.: -0.008 min
Response: 87391788
Conc: 174.31 ng/ml



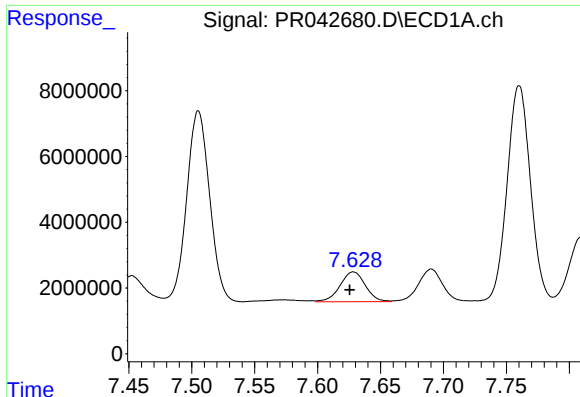
#28 AR-1254-3

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 18399694
Conc: 68.18 ng/ml



#28 AR-1254-3

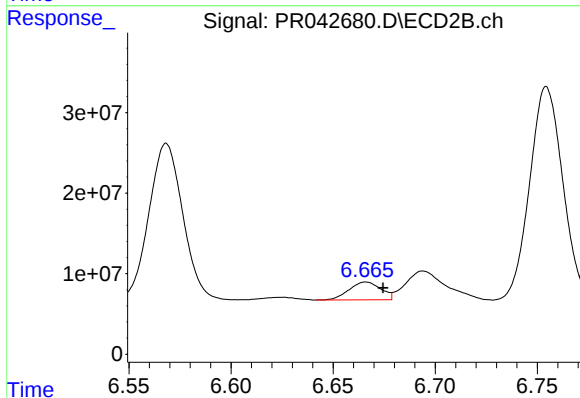
R.T.: 6.453 min
Delta R.T.: 0.006 min
Response: 203793438
Conc: 216.01 ng/ml



#29 AR-1254-4

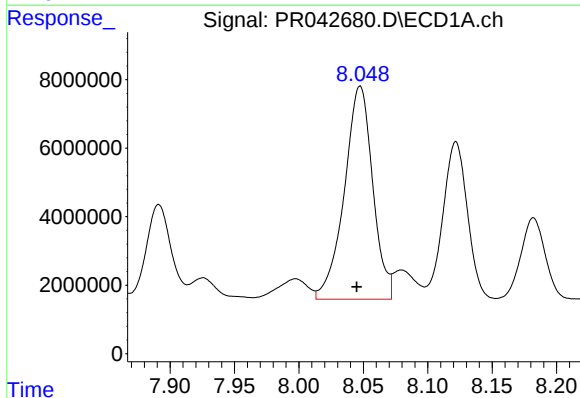
R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 12760891
Conc: 62.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



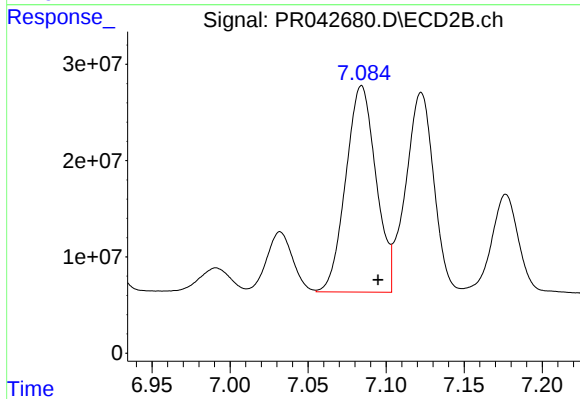
#29 AR-1254-4

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 23967561
Conc: 36.20 ng/ml



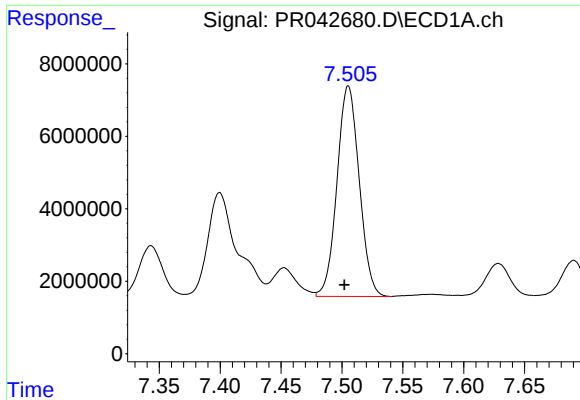
#30 AR-1254-5

R.T.: 8.047 min
Delta R.T.: 0.003 min
Response: 95379293
Conc: 448.52 ng/ml



#30 AR-1254-5

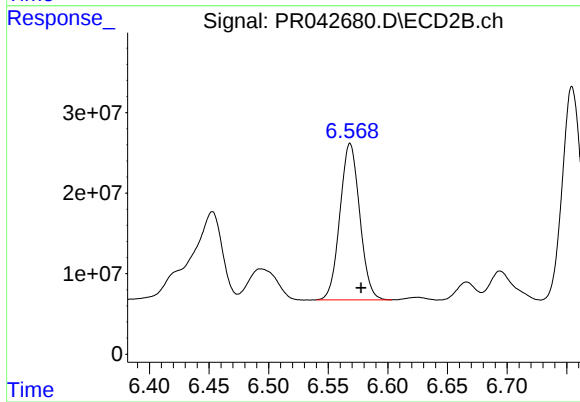
R.T.: 7.084 min
Delta R.T.: -0.011 min
Response: 289158108
Conc: 336.76 ng/ml



#31 AR-1260-1

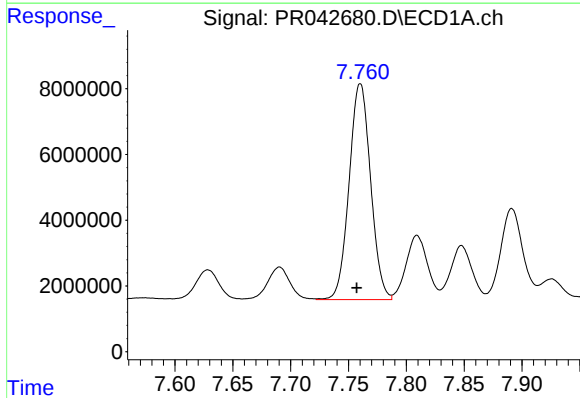
R.T.: 7.505 min
Delta R.T.: 0.003 min
Response: 73730802
Conc: 389.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



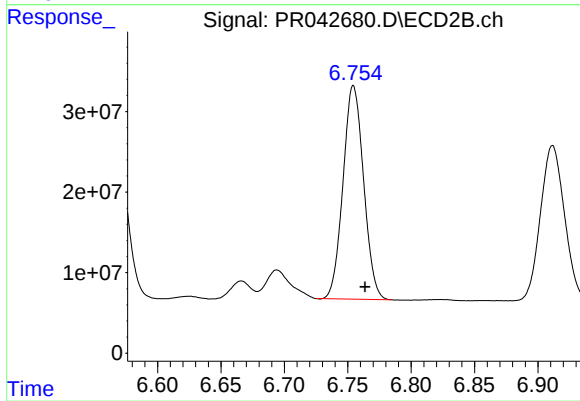
#31 AR-1260-1

R.T.: 6.568 min
Delta R.T.: -0.009 min
Response: 224726717
Conc: 379.11 ng/ml



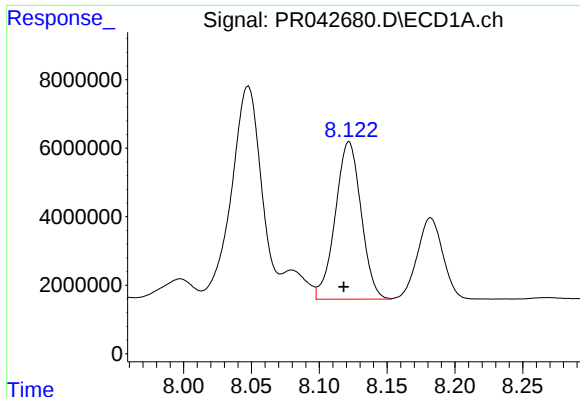
#32 AR-1260-2

R.T.: 7.760 min
Delta R.T.: 0.003 min
Response: 84936091
Conc: 359.35 ng/ml



#32 AR-1260-2

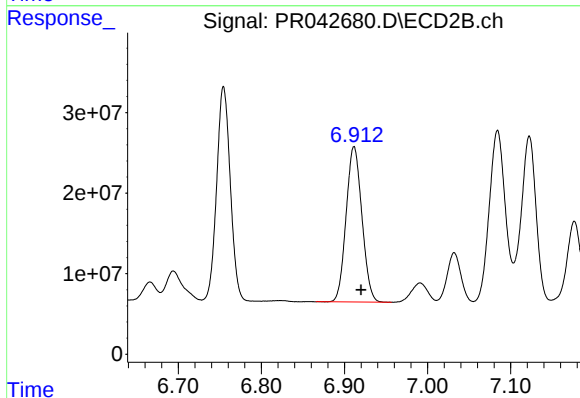
R.T.: 6.754 min
Delta R.T.: -0.009 min
Response: 299494004
Conc: 367.35 ng/ml



#33 AR-1260-3

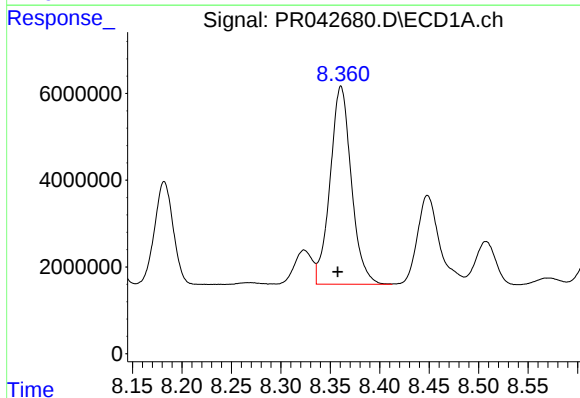
R.T.: 8.122 min
Delta R.T.: 0.004 min
Response: 60879662
Conc: 324.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



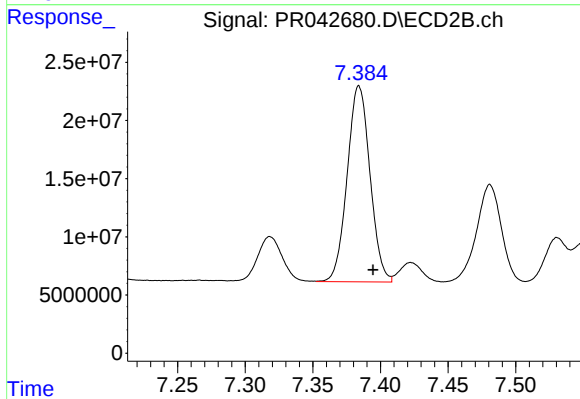
#33 AR-1260-3

R.T.: 6.912 min
Delta R.T.: -0.009 min
Response: 254912003
Conc: 368.74 ng/ml



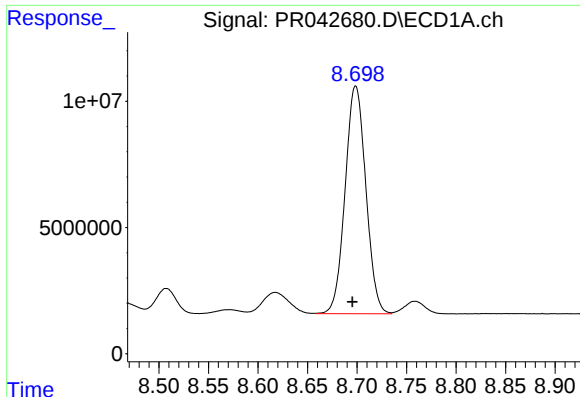
#34 AR-1260-4

R.T.: 8.361 min
Delta R.T.: 0.003 min
Response: 68233704
Conc: 339.53 ng/ml



#34 AR-1260-4

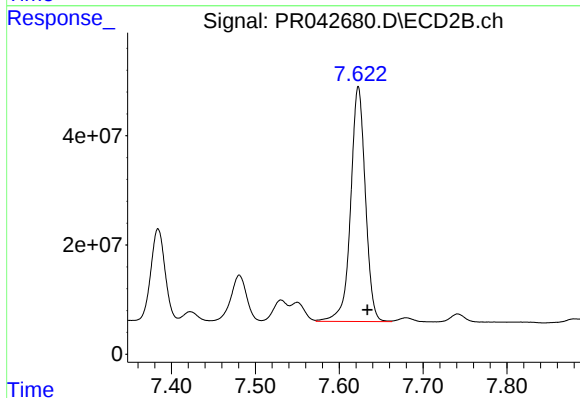
R.T.: 7.384 min
Delta R.T.: -0.010 min
Response: 197686457
Conc: 340.67 ng/ml



#35 AR-1260-5

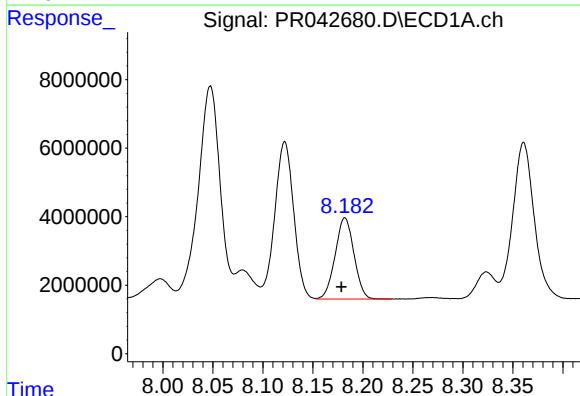
R.T.: 8.699 min
Delta R.T.: 0.003 min
Response: 131446360
Conc: 303.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



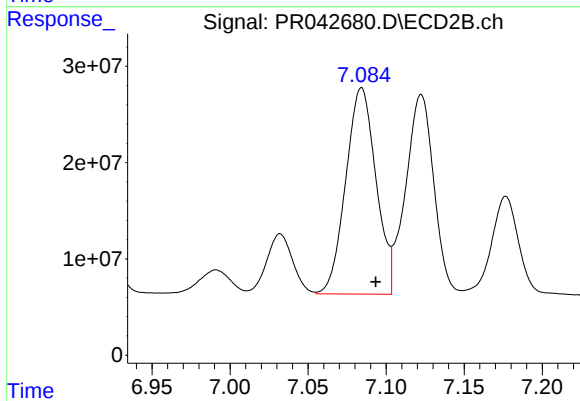
#35 AR-1260-5

R.T.: 7.623 min
Delta R.T.: -0.011 min
Response: 524850974
Conc: 322.81 ng/ml



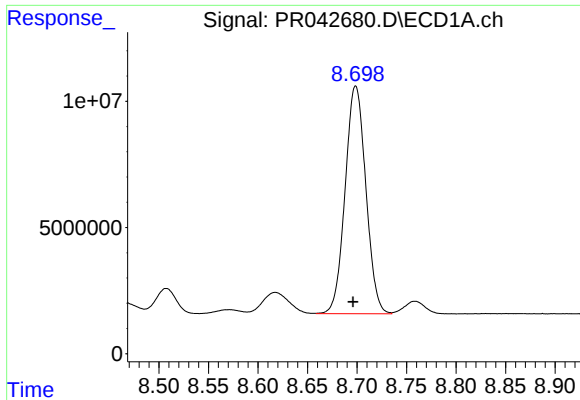
#36 AR-1262-1

R.T.: 8.182 min
Delta R.T.: 0.003 min
Response: 31060446
Conc: 329.97 ng/ml



#36 AR-1262-1

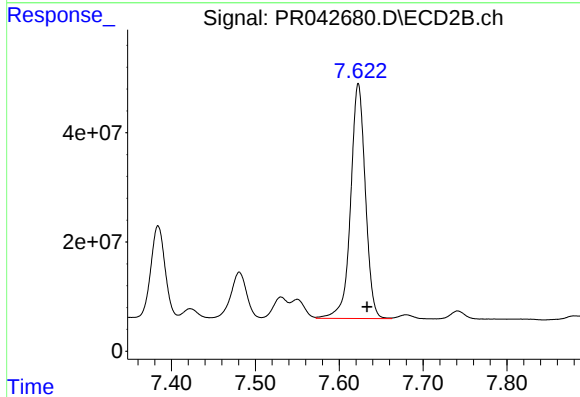
R.T.: 7.084 min
Delta R.T.: -0.009 min
Response: 289158108
Conc: 663.54 ng/ml



#37 AR-1262-2

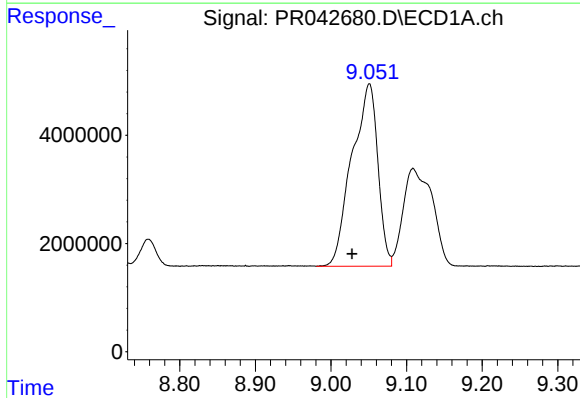
R.T.: 8.699 min
Delta R.T.: 0.003 min
Response: 131446360
Conc: 304.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



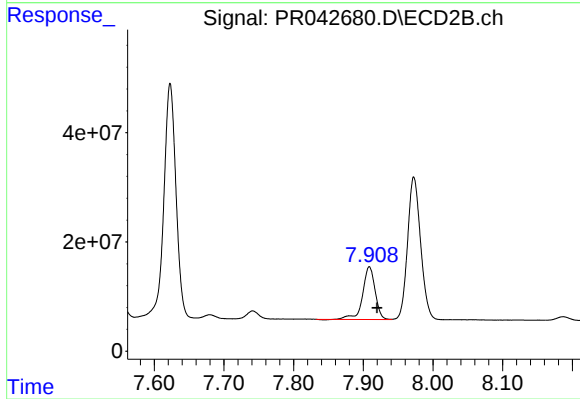
#37 AR-1262-2

R.T.: 7.623 min
Delta R.T.: -0.010 min
Response: 524850974
Conc: 304.88 ng/ml



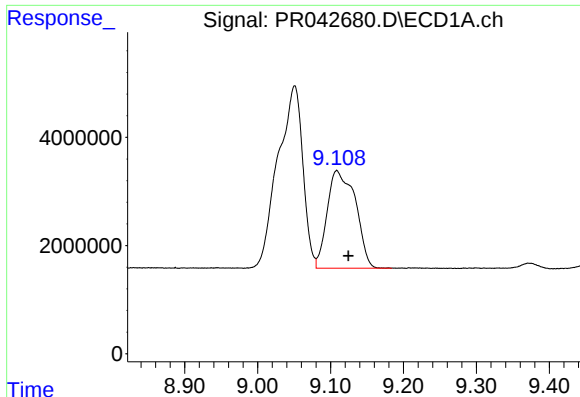
#38 AR-1262-3

R.T.: 9.051 min
Delta R.T.: 0.023 min
Response: 80266041
Conc: 287.96 ng/ml



#38 AR-1262-3

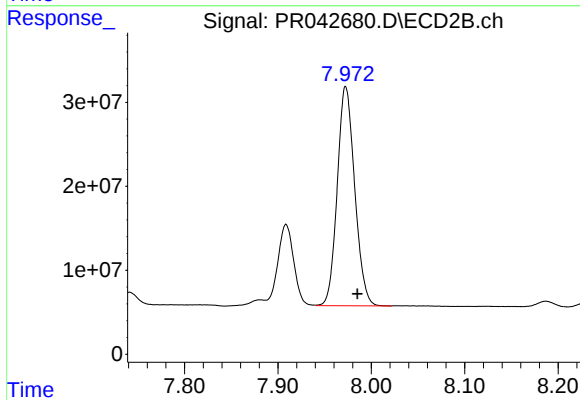
R.T.: 7.909 min
Delta R.T.: -0.011 min
Response: 120719570
Conc: 184.95 ng/ml



#39 AR-1262-4

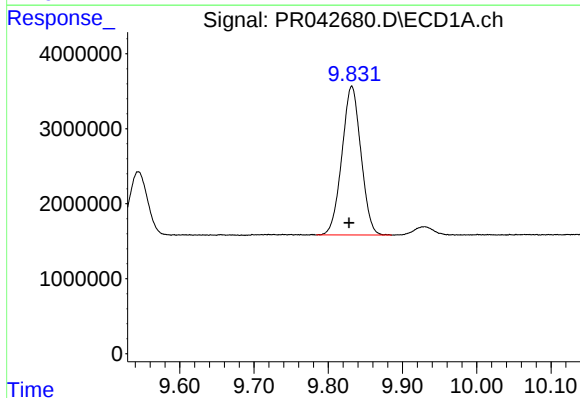
R.T.: 9.109 min
Delta R.T.: -0.016 min
Response: 48520980
Conc: 236.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



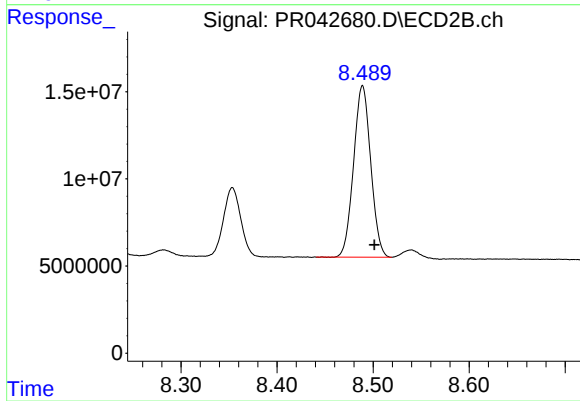
#39 AR-1262-4

R.T.: 7.973 min
Delta R.T.: -0.012 min
Response: 339391096
Conc: 290.43 ng/ml



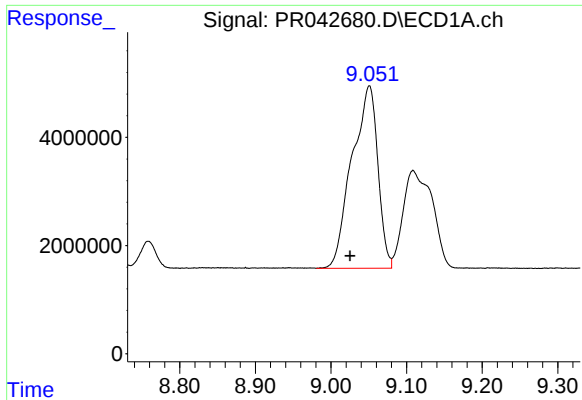
#40 AR-1262-5

R.T.: 9.832 min
Delta R.T.: 0.004 min
Response: 35338099
Conc: 244.98 ng/ml



#40 AR-1262-5

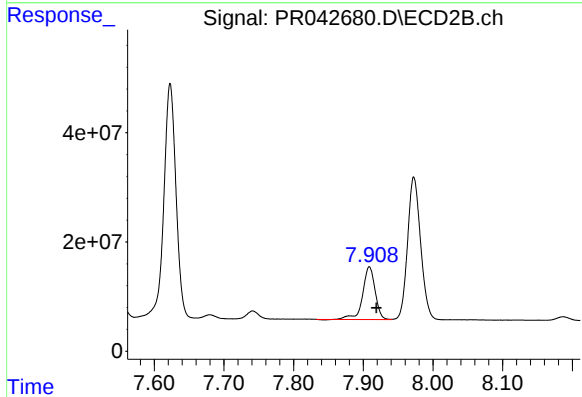
R.T.: 8.489 min
Delta R.T.: -0.013 min
Response: 122068103
Conc: 228.20 ng/ml



#41 AR-1268-1

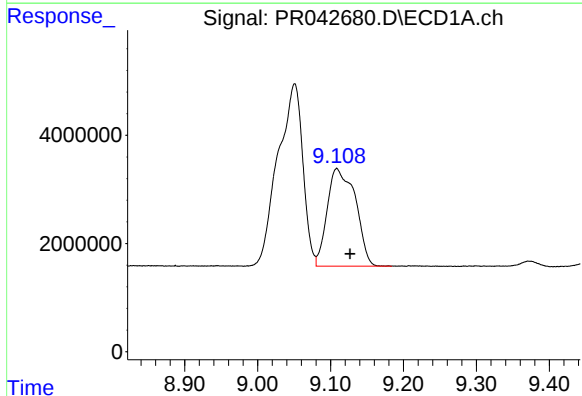
R.T.: 9.051 min
Delta R.T.: 0.026 min
Response: 80266041
Conc: 146.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



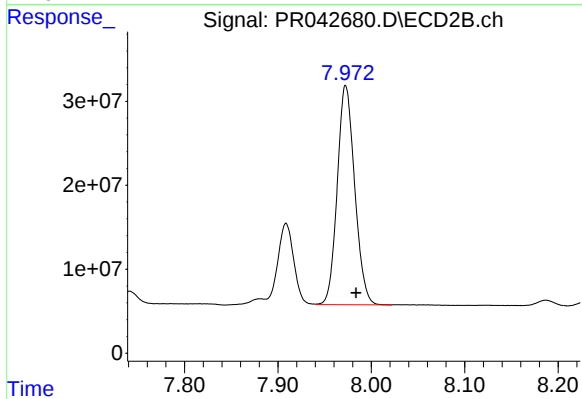
#41 AR-1268-1

R.T.: 7.909 min
Delta R.T.: -0.010 min
Response: 120719570
Conc: 55.06 ng/ml



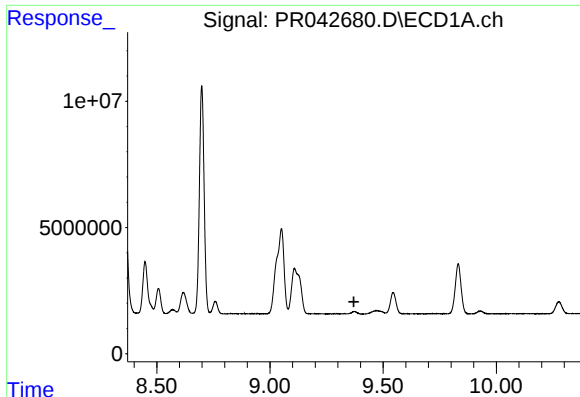
#42 AR-1268-2

R.T.: 9.109 min
Delta R.T.: -0.018 min
Response: 48520980
Conc: 97.59 ng/ml



#42 AR-1268-2

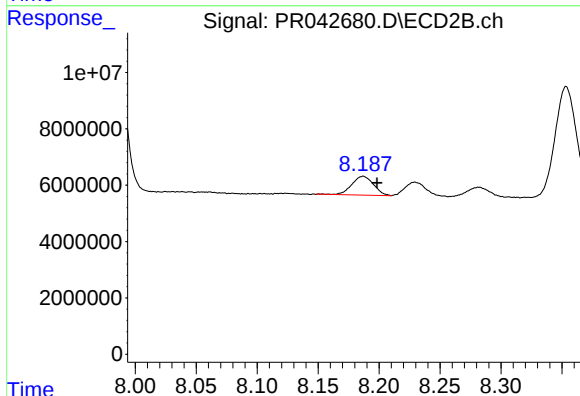
R.T.: 7.973 min
Delta R.T.: -0.011 min
Response: 339391096
Conc: 170.56 ng/ml



#43 AR-1268-3

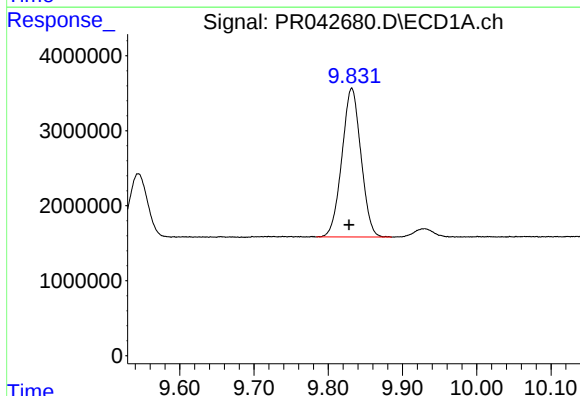
R.T.: 0.000 min
Exp R.T.: 9.371 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660390



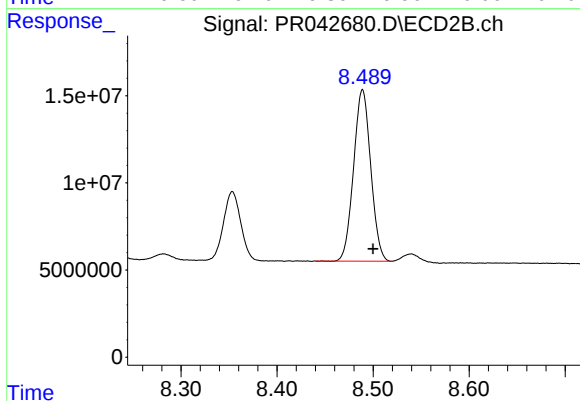
#43 AR-1268-3

R.T.: 8.187 min
Delta R.T.: -0.011 min
Response: 8267948
Conc: 4.93 ng/ml



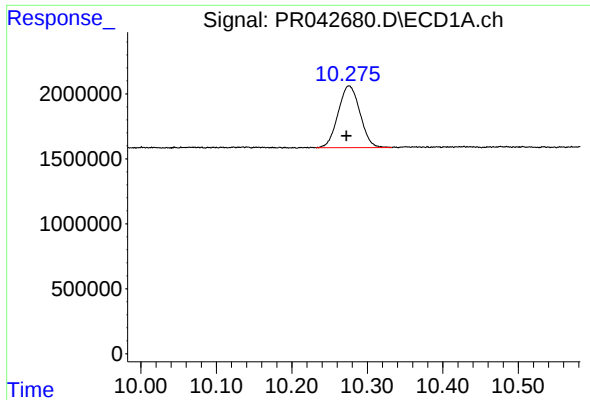
#44 AR-1268-4

R.T.: 9.832 min
Delta R.T.: 0.004 min
Response: 35338099
Conc: 201.42 ng/ml



#44 AR-1268-4

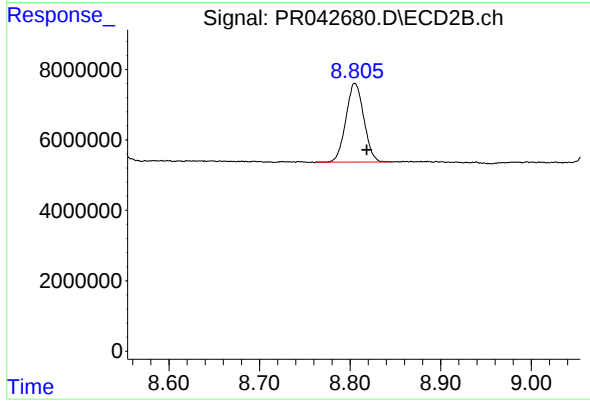
R.T.: 8.489 min
Delta R.T.: -0.011 min
Response: 122068103
Conc: 189.15 ng/ml



#45 AR-1268-5

R.T.: 10.276 min
Delta R.T.: 0.004 min
Response: 9536839
Conc: 7.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



#45 AR-1268-5

R.T.: 8.805 min
Delta R.T.: -0.013 min
Response: 30736394
Conc: 6.70 ng/ml