

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071718\
 Data File : PR030380.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2018 09:08
 Operator : MA/SM
 Sample : AR1254CCC400
 Misc : 100PPB LOQ ECD_R WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 13:13:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071318CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 18 11:23:22 2018
 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...	4.558	3.699	591.7E6	785.9E6	21.024	21.854
2)	SA Decachlor...	10.322	8.609	1093.3E6	682.2E6	48.791	44.630
Target Compounds							
3)	L1 AR-1016-1	5.256	4.356	3618628	26327807	5.750	24.403 #
4)	L1 AR-1016-2	5.450	4.762	5187426	22229748	8.464	14.918 #
5)	L1 AR-1016-3	5.715	4.780	12812541	16135423	13.973	6.392 #
6)	L1 AR-1016-4	5.800	4.836	7772552	11556743	9.966	7.500
7)	L1 AR-1016-5	6.191	5.201	146.4E6	278.3E6	231.662	213.240
9)	L2 AR-1221-2	4.861	3.995	9319973	11007568	34.856	28.173
10)	L2 AR-1221-3	4.861f	4.067	9319973	6457531	10.195	4.473 #
11)	L3 AR-1232-1	5.740	4.548	15907445	14029000	28.095	26.801
12)	L3 AR-1232-2	5.899	4.780	6628456	16135423	24.158	14.539 #
13)	L3 AR-1232-3	5.987	5.031	250.0E6	138.4E6	1269.450	297.569 #
14)	L3 AR-1232-4	6.567	5.346	677.2E6	112.4E6	2442.802	198.331 #
15)	L3 AR-1232-5	6.635	5.587	133.7E6	142.9E6	476.167	228.925 #
16)	L4 AR-1242-1	5.256	4.356	3618628	26327807	12.941	50.384 #
17)	L4 AR-1242-2	6.033	4.954	69798010	8181856	151.760	8.334 #
18)	L4 AR-1242-3	6.333	4.990	59190881	439.6E6	99.950	562.238 #
19)	L4 AR-1242-4	6.567	5.781	677.2E6	397.6E6	1599.983	441.717 #
20)	L4 AR-1242-5	6.834	5.781	231.8E6	397.6E6	608.608	670.946
21)	L5 AR-1248-1	5.987	4.990	250.0E6	439.6E6	295.370	289.541
22)	L5 AR-1248-2	6.567	5.545	677.2E6	1122.6E6	800.146	409.332 #
23)	L5 AR-1248-3	6.567	5.587	677.2E6	142.9E6	592.917	73.708 #
24)	L5 AR-1248-4	6.635	5.781	133.7E6	397.6E6	126.246	249.207 #
25)	L5 AR-1248-5	6.834	6.087	231.8E6	1443.9E6	333.671	1226.322 #
26)	L6 AR-1254-1	6.784	5.689	676.3E6	966.8E6	401.059	395.538
27)	L6 AR-1254-2	7.064	5.999	406.5E6	749.1E6	414.745	393.868
28)	L6 AR-1254-3	7.149	6.312	714.8E6	1057.0E6	410.797	398.545
29)	L6 AR-1254-4	7.432	6.623	608.8E6	557.4E6	414.485	406.589
30)	L6 AR-1254-5	7.704	6.721	415.5E6	1060.4E6	410.237	419.138
31)	L7 AR-1260-1	7.313	6.212	278.3E6	677.0E6	229.787	320.561 #
32)	L7 AR-1260-2	7.566	6.397	364.3E6	531.2E6	223.219	216.047
33)	L7 AR-1260-3	7.850	6.548	688.2E6	508.2E6	390.216	246.039 #
34)	L7 AR-1260-4	8.141	7.012	225.4E6	50943282	202.725	36.875 #
35)	L7 AR-1260-5	8.477	7.248	94352692	123.5E6	37.841	39.440
36)	L8 AR-1262-1	7.566	6.791	364.3E6	127.2E6	285.215	50.137 #
37)	L8 AR-1262-2	7.914	7.012	74481026	50943282	38.984	28.002 #
38)	L8 AR-1262-3	8.141	7.248	225.4E6	123.5E6	150.368	35.935 #
39)	L8 AR-1262-4	8.477	7.593	94352692	88180603	29.352	41.889 #
40)	L8 AR-1262-5	9.554	8.086	2404845	1807894	2.293	2.050
41)	L9 AR-1268-1	8.811	7.530	68122848	3066354	17.191	0.770 #
42)	L9 AR-1268-2	8.861	7.593	18723162	88180603	5.361	25.107 #

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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
43) L9	AR-1268-3	9.210	7.792	6338608	3231100	7.846	1.145 #
44) L9	AR-1268-4	9.554	8.086	2404845	1807894	1.926	1.577
45) L9	AR-1268-5	9.977	8.363	8848640	8787712	0.984	1.357 #

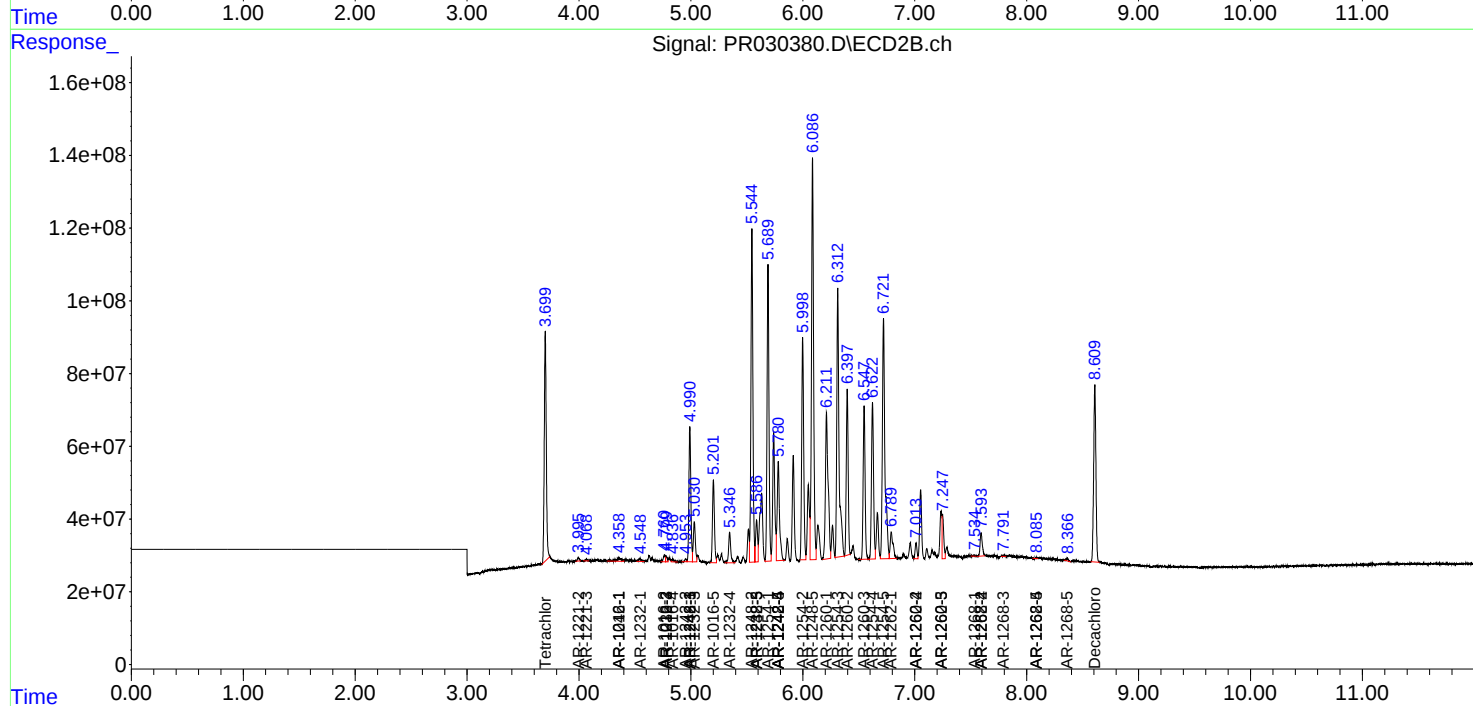
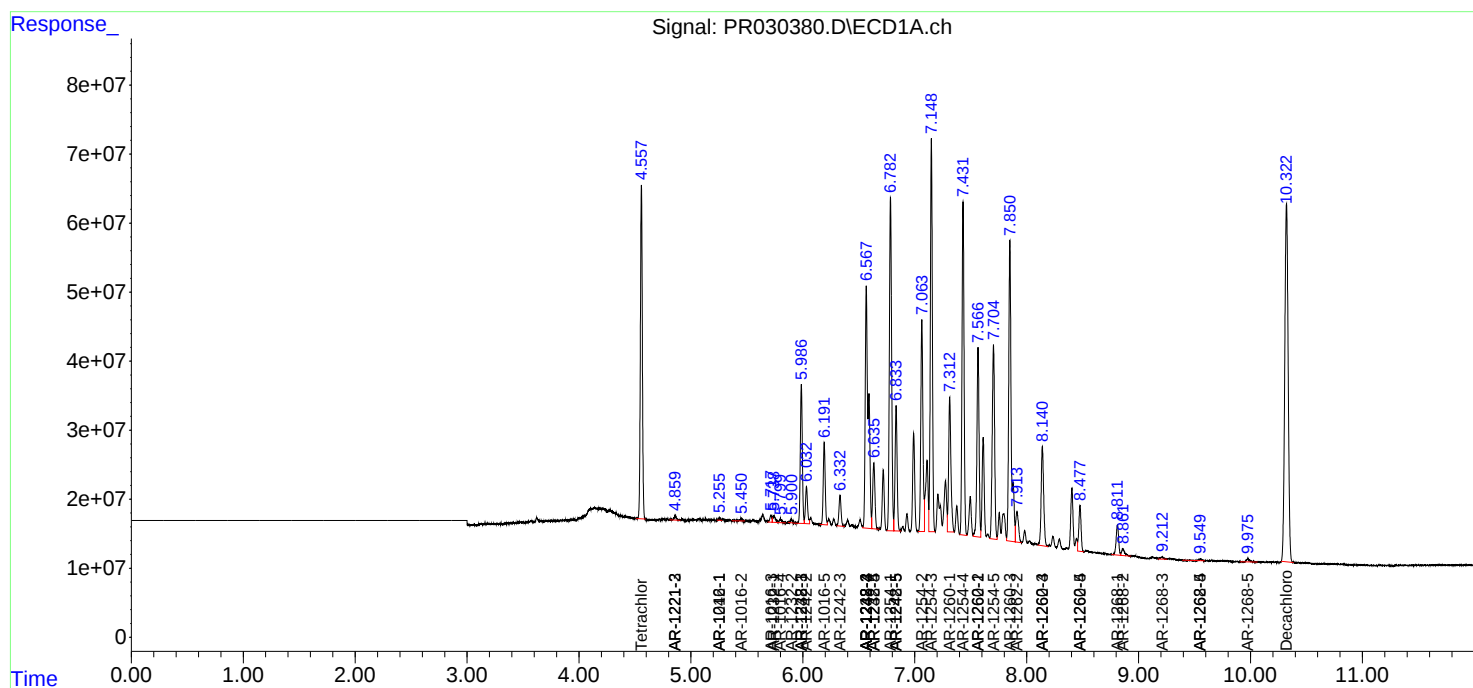
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

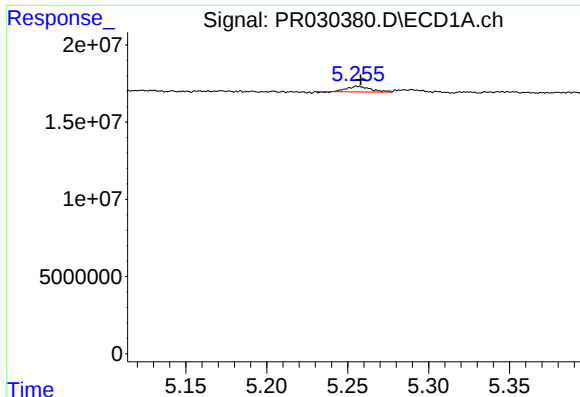
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Acq On : 17 Jul 2018 09:08
Operator : MA/SM
Sample : AR1254CCC400
Misc : 100PPB LOQ ECD_R WATER
ALS Vial : 5 Sample Multiplier: 1

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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

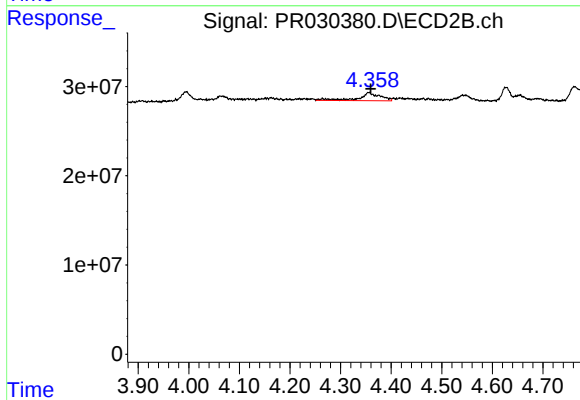




#3 AR-1016-1

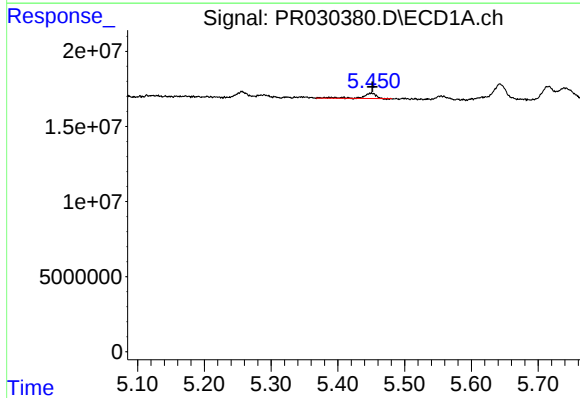
R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 3618628
Conc: 5.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



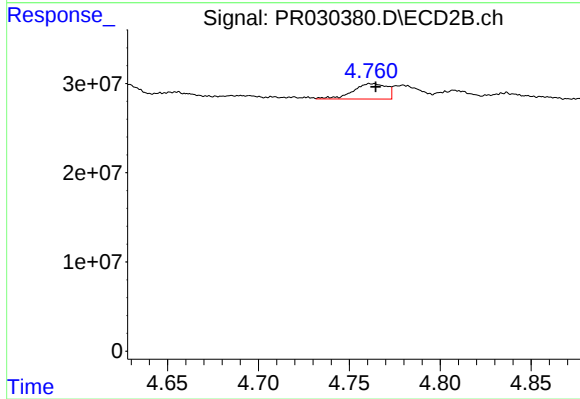
#3 AR-1016-1

R.T.: 4.356 min
Delta R.T.: -0.003 min
Response: 26327807
Conc: 24.40 ng/ml



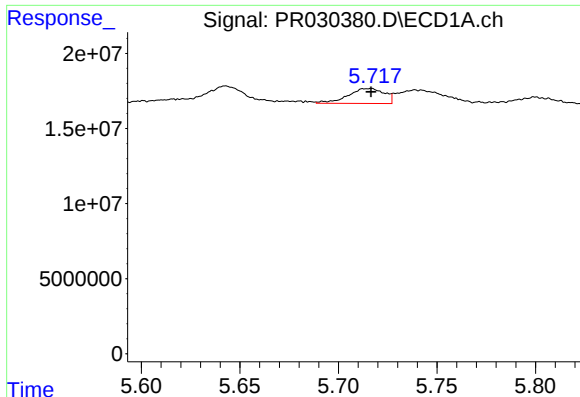
#4 AR-1016-2

R.T.: 5.450 min
Delta R.T.: -0.002 min
Response: 5187426
Conc: 8.46 ng/ml



#4 AR-1016-2

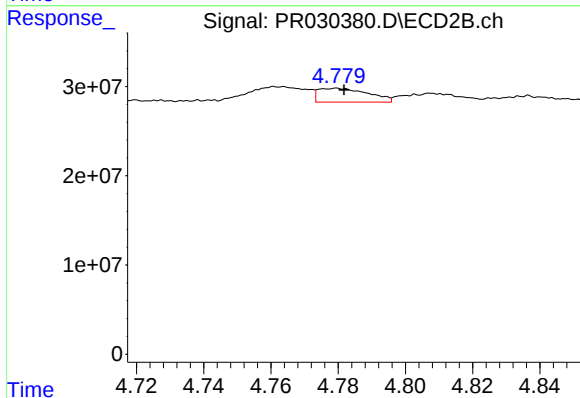
R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 22229748
Conc: 14.92 ng/ml



#5 AR-1016-3

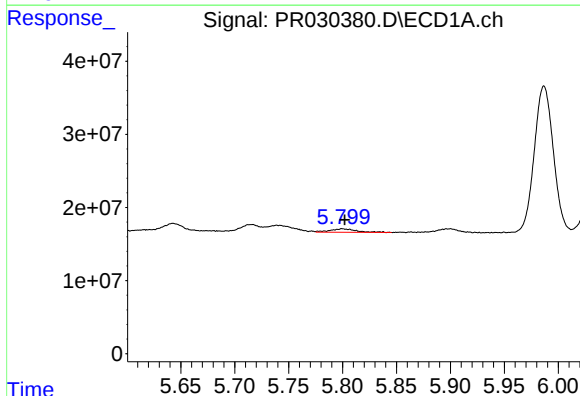
R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 12812541
Conc: 13.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



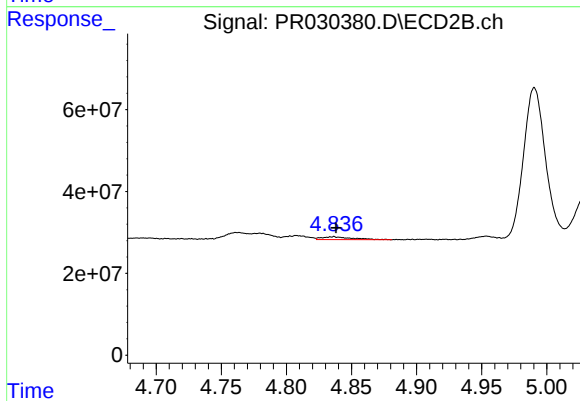
#5 AR-1016-3

R.T.: 4.780 min
Delta R.T.: -0.002 min
Response: 16135423
Conc: 6.39 ng/ml



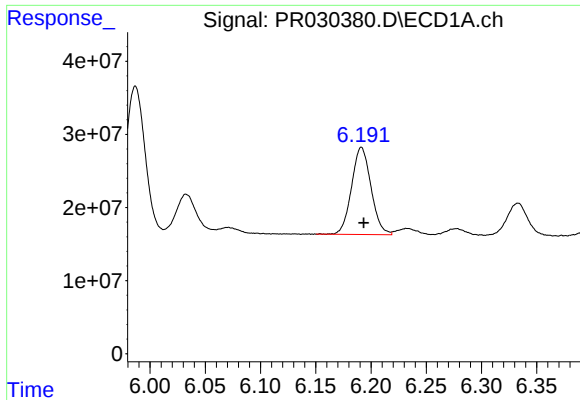
#6 AR-1016-4

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 7772552
Conc: 9.97 ng/ml



#6 AR-1016-4

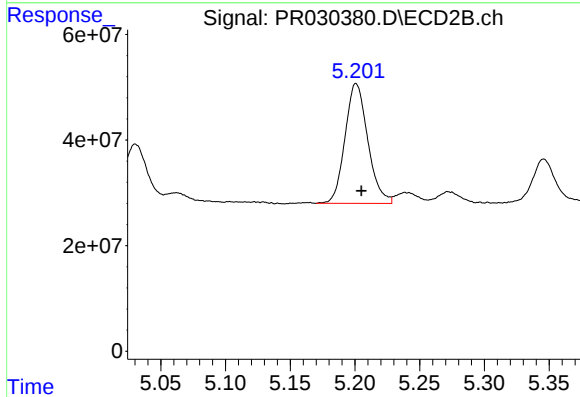
R.T.: 4.836 min
Delta R.T.: -0.002 min
Response: 11556743
Conc: 7.50 ng/ml



#7 AR-1016-5

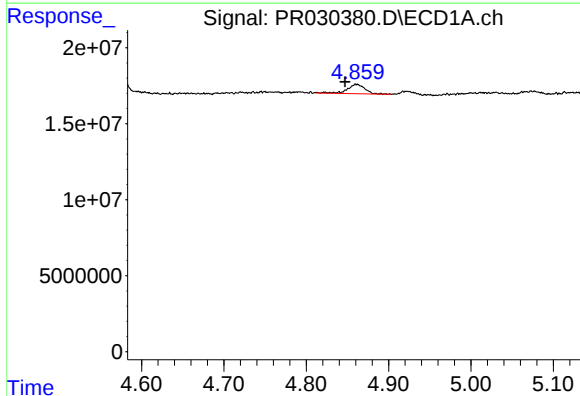
R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 146414728
Conc: 231.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



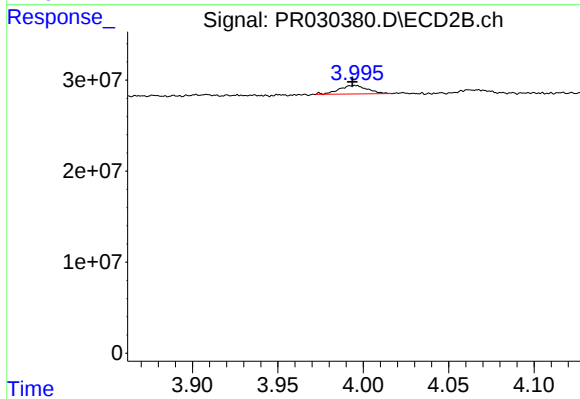
#7 AR-1016-5

R.T.: 5.201 min
Delta R.T.: -0.004 min
Response: 278263481
Conc: 213.24 ng/ml



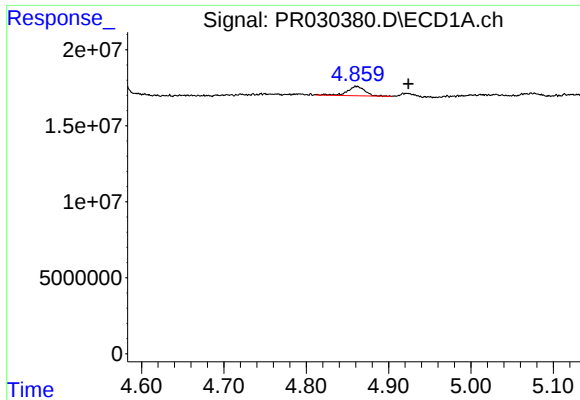
#9 AR-1221-2

R.T.: 4.861 min
Delta R.T.: 0.014 min
Response: 9319973
Conc: 34.86 ng/ml



#9 AR-1221-2

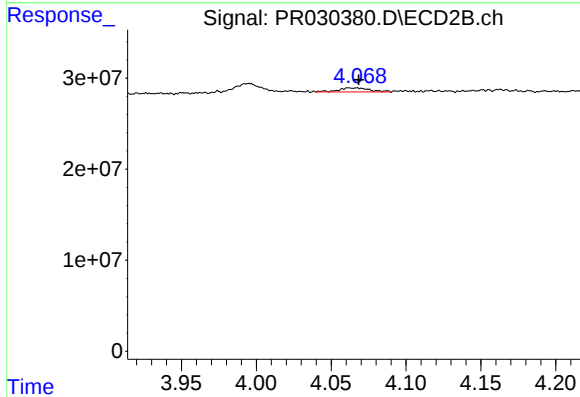
R.T.: 3.995 min
Delta R.T.: 0.001 min
Response: 11007568
Conc: 28.17 ng/ml



#10 AR-1221-3

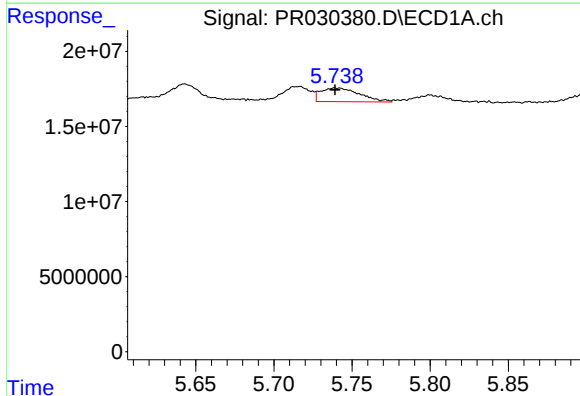
R.T.: 4.861 min
Delta R.T.: -0.063 min
Response: 9319973
Conc: 10.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



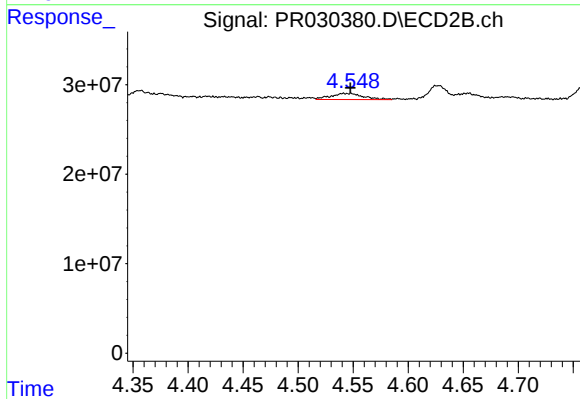
#10 AR-1221-3

R.T.: 4.067 min
Delta R.T.: -0.001 min
Response: 6457531
Conc: 4.47 ng/ml



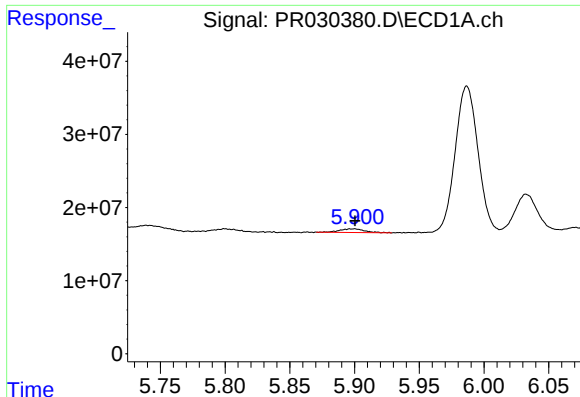
#11 AR-1232-1

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 15907445
Conc: 28.09 ng/ml



#11 AR-1232-1

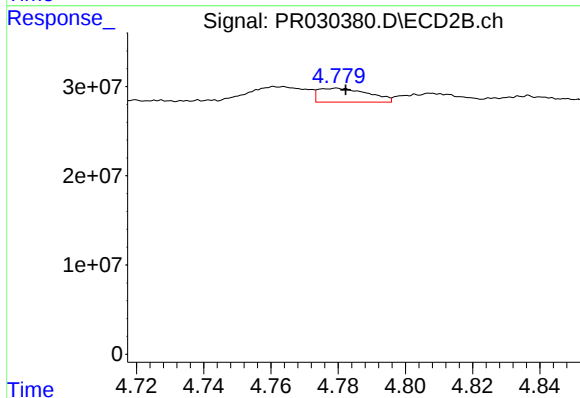
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 14029000
Conc: 26.80 ng/ml



#12 AR-1232-2

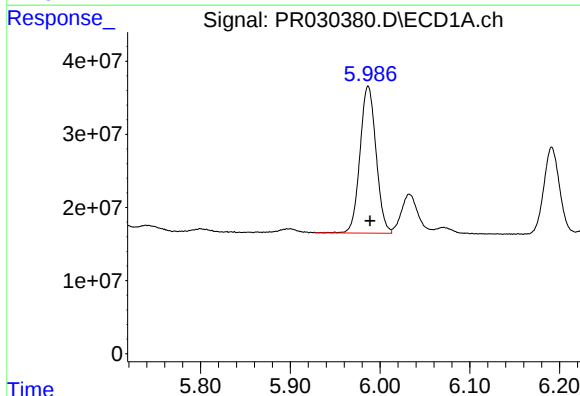
R.T.: 5.899 min
Delta R.T.: -0.002 min
Response: 6628456
Conc: 24.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



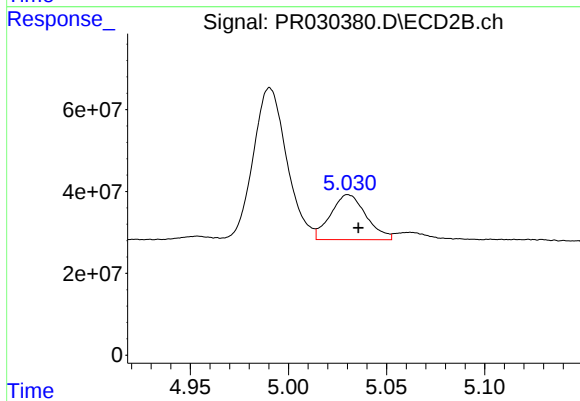
#12 AR-1232-2

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 16135423
Conc: 14.54 ng/ml



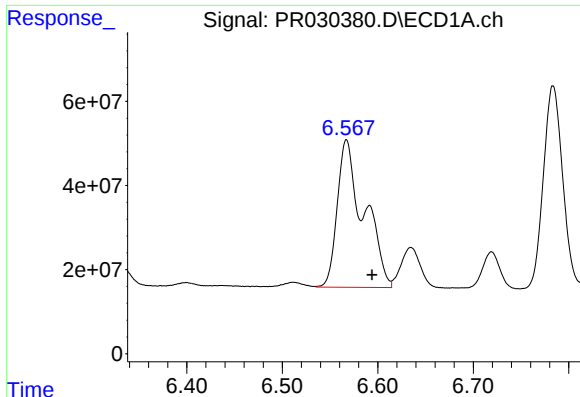
#13 AR-1232-3

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 250011421
Conc: 1269.45 ng/ml



#13 AR-1232-3

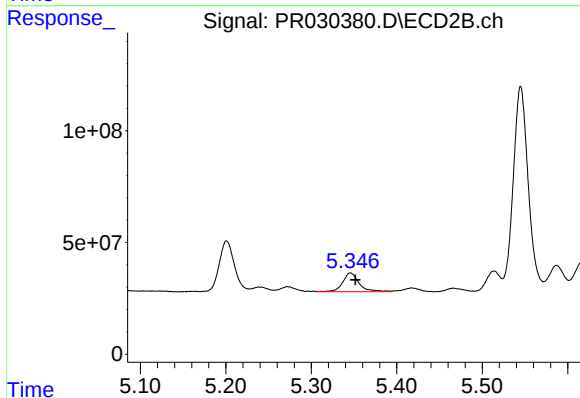
R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 138413491
Conc: 297.57 ng/ml



#14 AR-1232-4

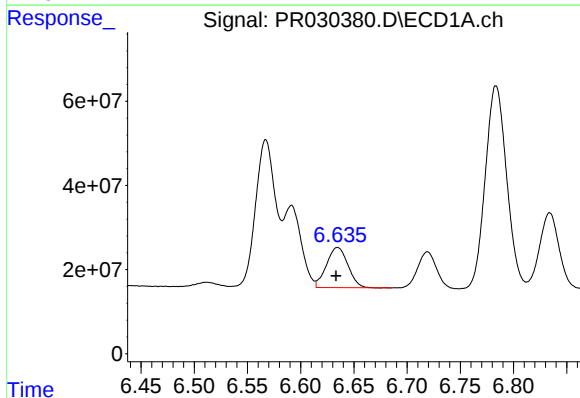
R.T.: 6.567 min
Delta R.T.: -0.027 min
Response: 677232370
Conc: 2442.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



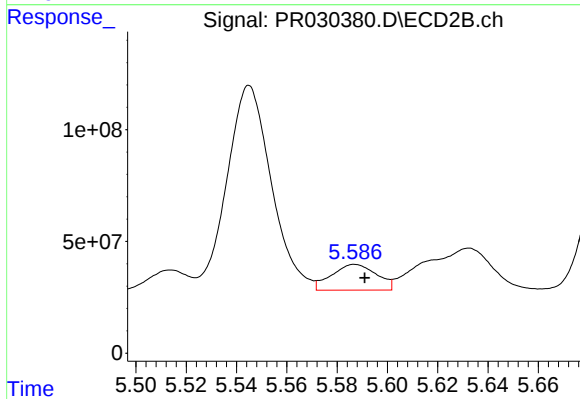
#14 AR-1232-4

R.T.: 5.346 min
Delta R.T.: -0.006 min
Response: 112354685
Conc: 198.33 ng/ml



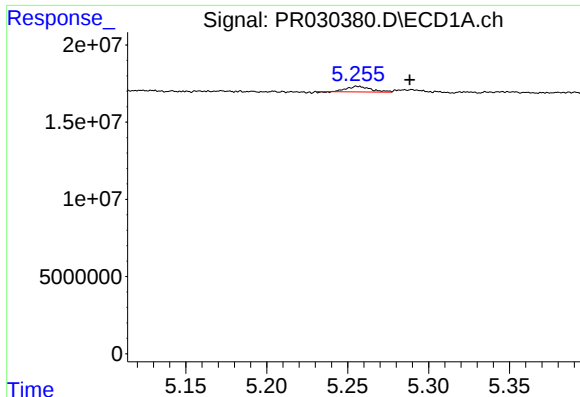
#15 AR-1232-5

R.T.: 6.635 min
Delta R.T.: 0.001 min
Response: 133718576
Conc: 476.17 ng/ml



#15 AR-1232-5

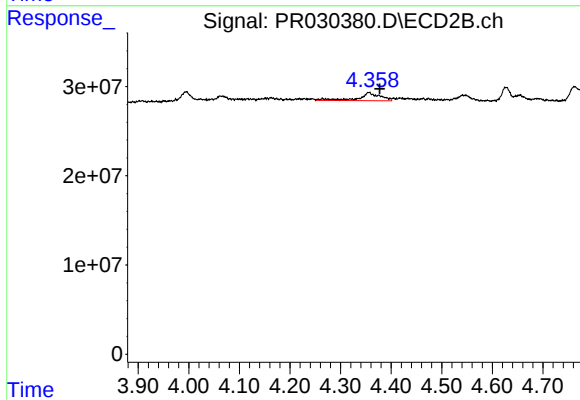
R.T.: 5.587 min
Delta R.T.: -0.004 min
Response: 142948293
Conc: 228.92 ng/ml



#16 AR-1242-1

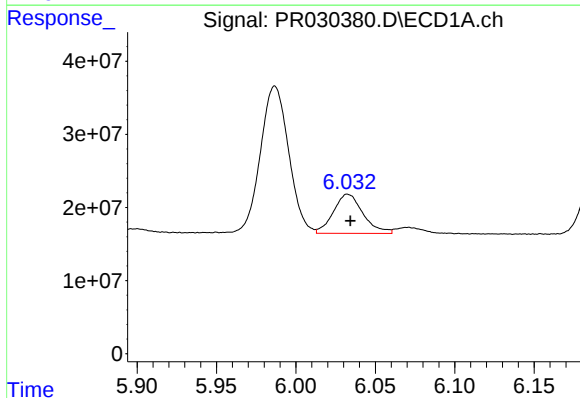
R.T.: 5.256 min
Delta R.T.: -0.032 min
Response: 3618628
Conc: 12.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



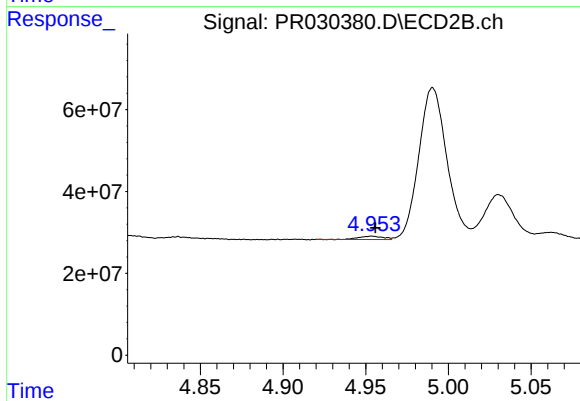
#16 AR-1242-1

R.T.: 4.356 min
Delta R.T.: -0.021 min
Response: 26327807
Conc: 50.38 ng/ml



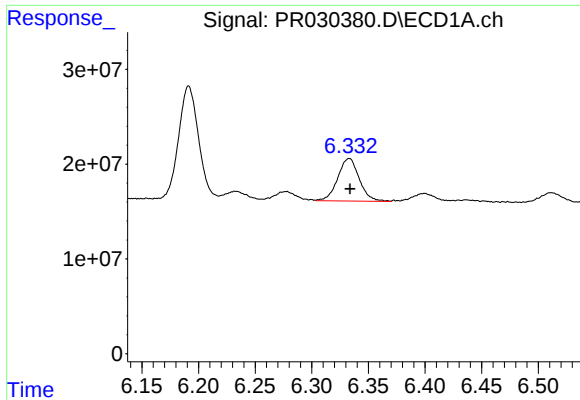
#17 AR-1242-2

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 69798010
Conc: 151.76 ng/ml



#17 AR-1242-2

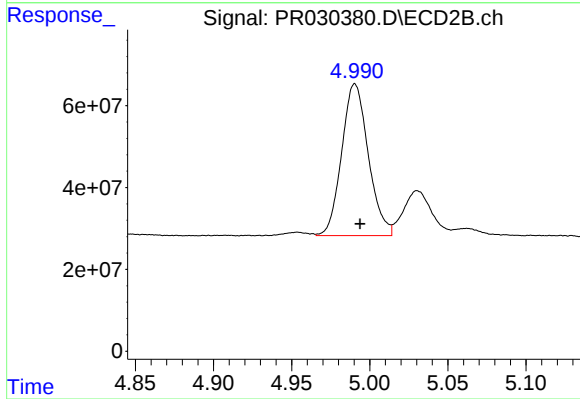
R.T.: 4.954 min
Delta R.T.: -0.002 min
Response: 8181856
Conc: 8.33 ng/ml



#18 AR-1242-3

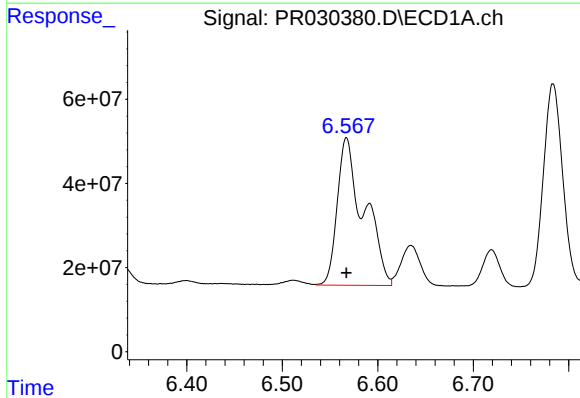
R.T.: 6.333 min
Delta R.T.: -0.001 min
Response: 59190881
Conc: 99.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



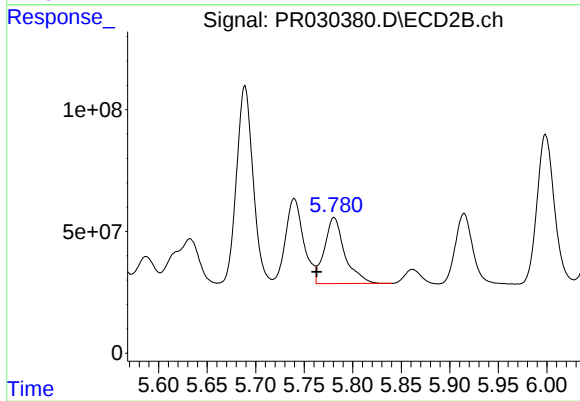
#18 AR-1242-3

R.T.: 4.990 min
Delta R.T.: -0.003 min
Response: 439575331
Conc: 562.24 ng/ml



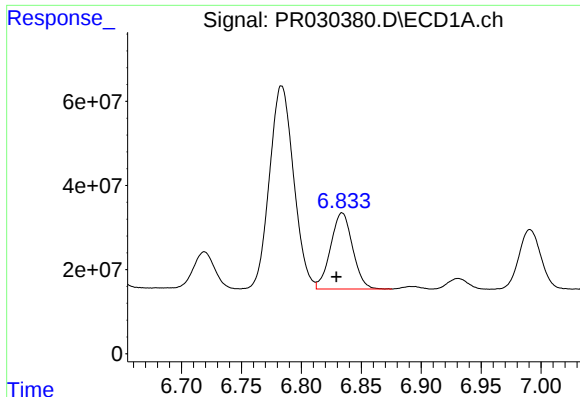
#19 AR-1242-4

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 677232370
Conc: 1599.98 ng/ml



#19 AR-1242-4

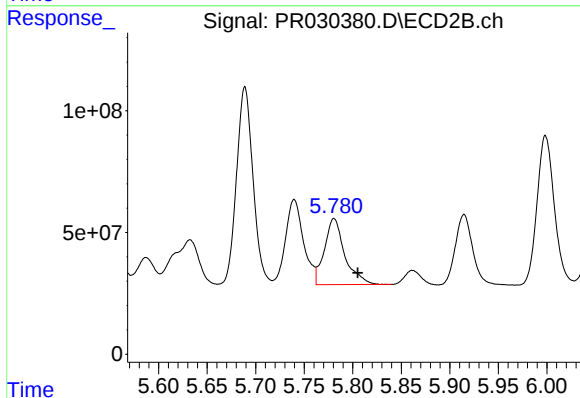
R.T.: 5.781 min
Delta R.T.: 0.018 min
Response: 397626740
Conc: 441.72 ng/ml



#20 AR-1242-5

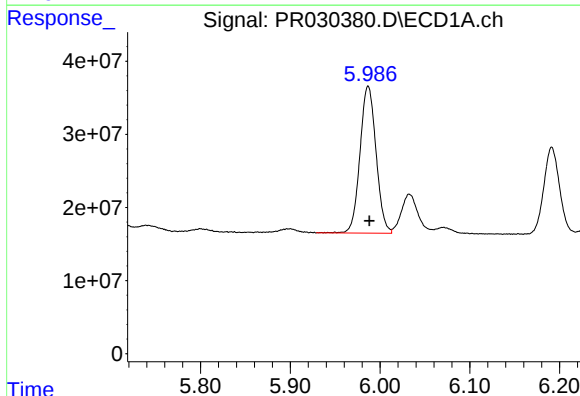
R.T.: 6.834 min
Delta R.T.: 0.005 min
Response: 231768369
Conc: 608.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



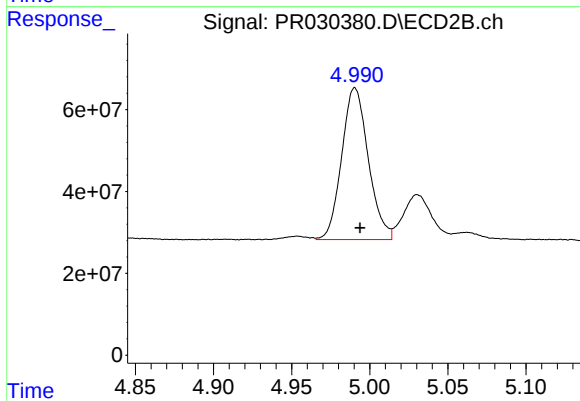
#20 AR-1242-5

R.T.: 5.781 min
Delta R.T.: -0.025 min
Response: 397626740
Conc: 670.95 ng/ml



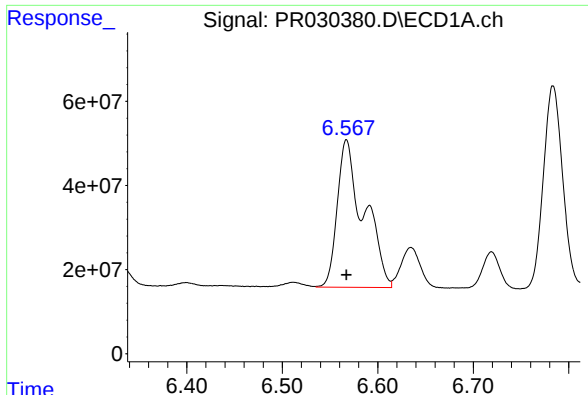
#21 AR-1248-1

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 250011421
Conc: 295.37 ng/ml



#21 AR-1248-1

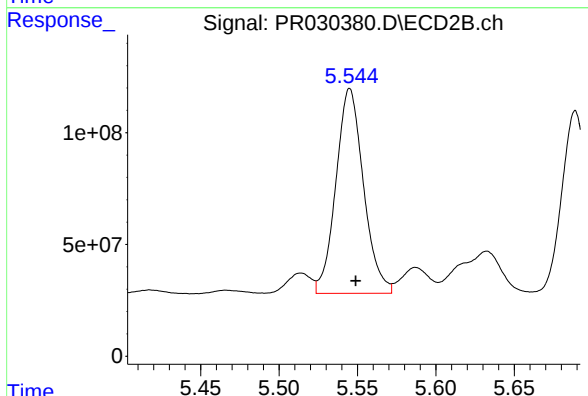
R.T.: 4.990 min
Delta R.T.: -0.003 min
Response: 439575331
Conc: 289.54 ng/ml



#22 AR-1248-2

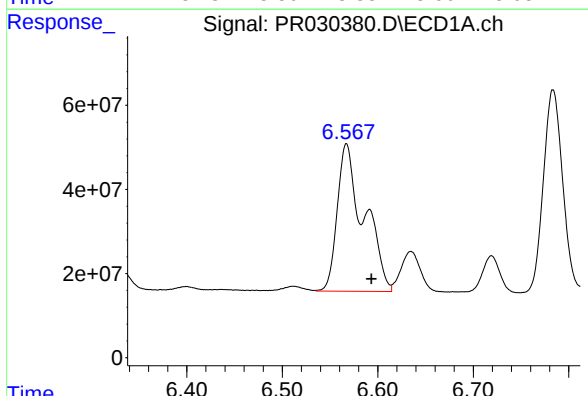
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 677232370
Conc: 800.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



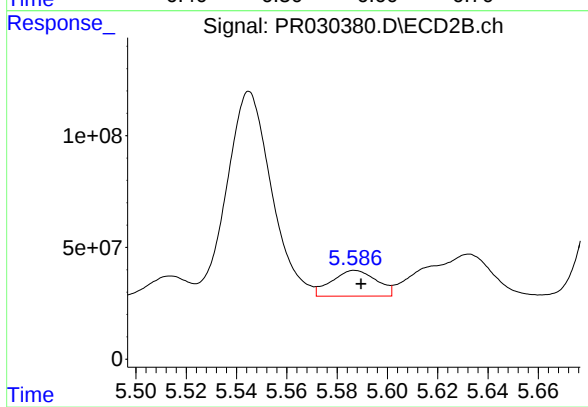
#22 AR-1248-2

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 1122646009
Conc: 409.33 ng/ml



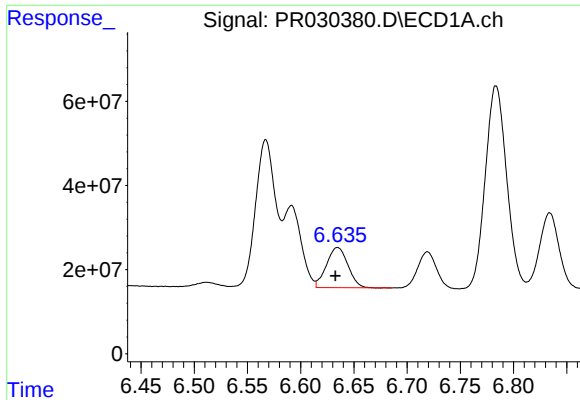
#23 AR-1248-3

R.T.: 6.567 min
Delta R.T.: -0.026 min
Response: 677232370
Conc: 592.92 ng/ml



#23 AR-1248-3

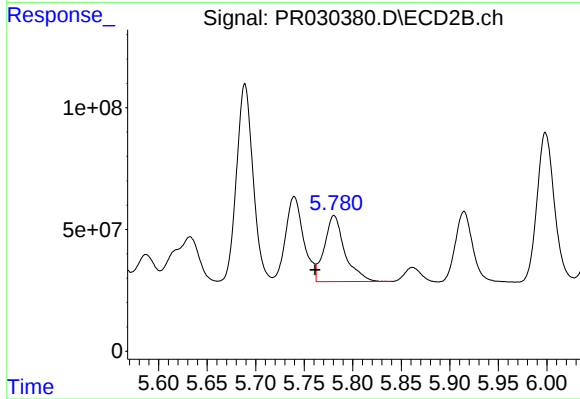
R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 142948293
Conc: 73.71 ng/ml



#24 AR-1248-4

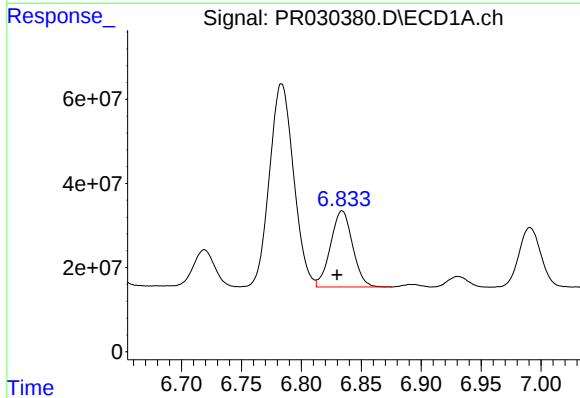
R.T.: 6.635 min
Delta R.T.: 0.002 min
Response: 133718576
Conc: 126.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



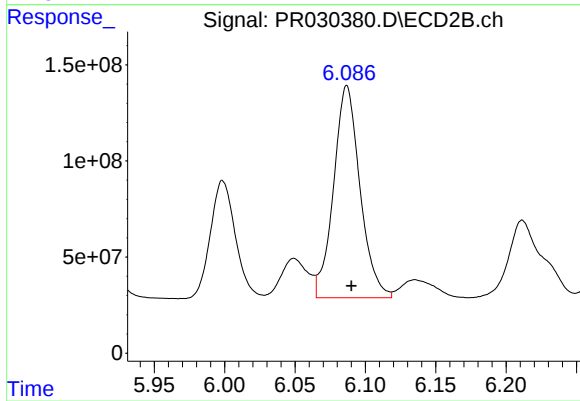
#24 AR-1248-4

R.T.: 5.781 min
Delta R.T.: 0.020 min
Response: 397626740
Conc: 249.21 ng/ml



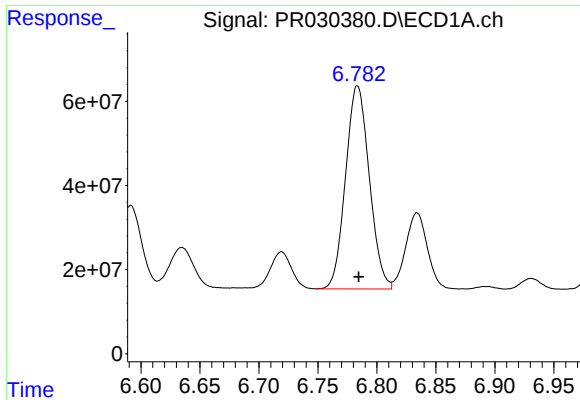
#25 AR-1248-5

R.T.: 6.834 min
Delta R.T.: 0.004 min
Response: 231768369
Conc: 333.67 ng/ml



#25 AR-1248-5

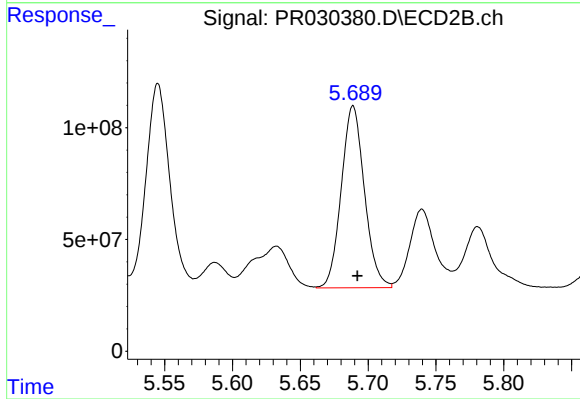
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 1443924346
Conc: 1226.32 ng/ml



#26 AR-1254-1

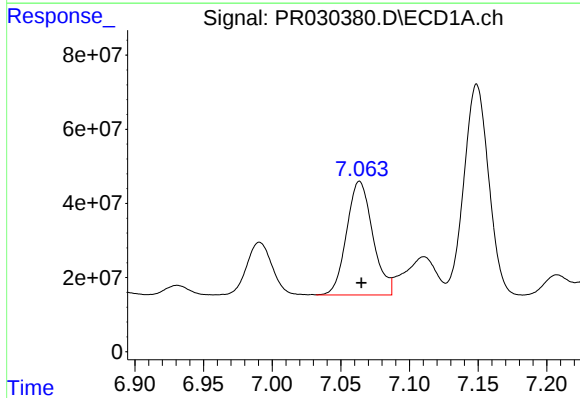
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 676289297
Conc: 401.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



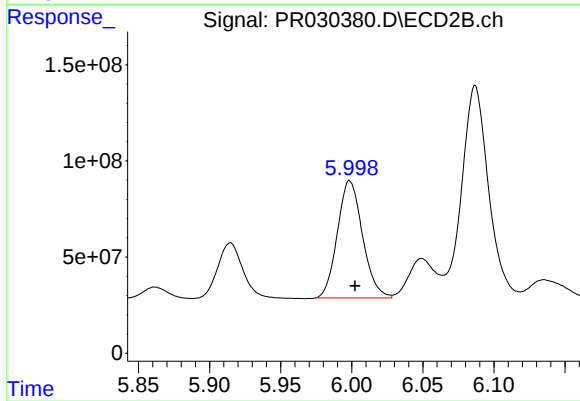
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 966805643
Conc: 395.54 ng/ml



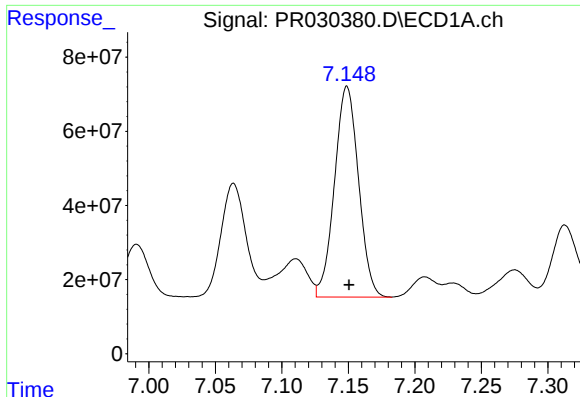
#27 AR-1254-2

R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 406495098
Conc: 414.74 ng/ml



#27 AR-1254-2

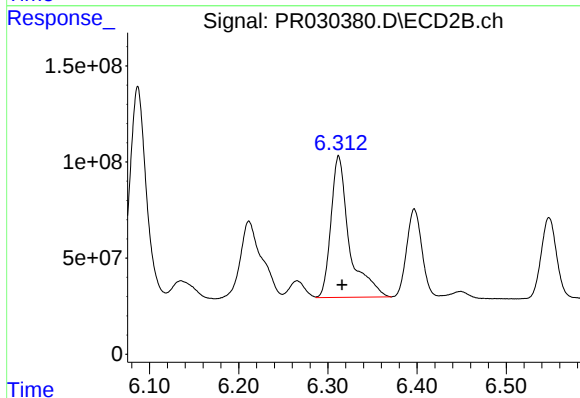
R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 749053373
Conc: 393.87 ng/ml



#28 AR-1254-3

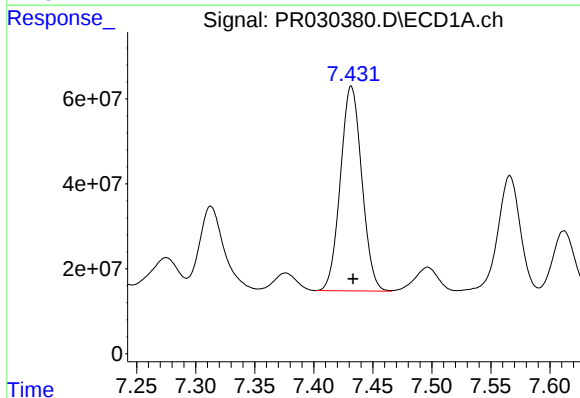
R.T.: 7.149 min
Delta R.T.: -0.002 min
Response: 714790134
Conc: 410.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



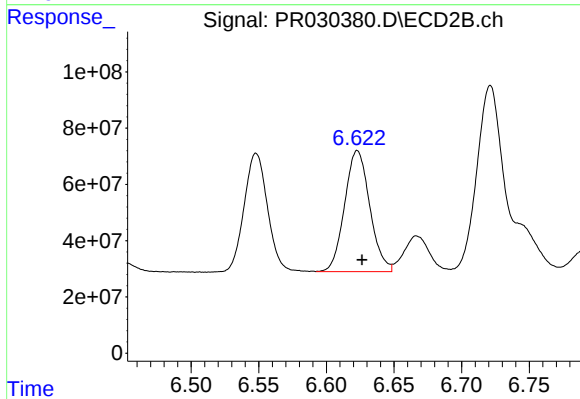
#28 AR-1254-3

R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 1056958962
Conc: 398.55 ng/ml



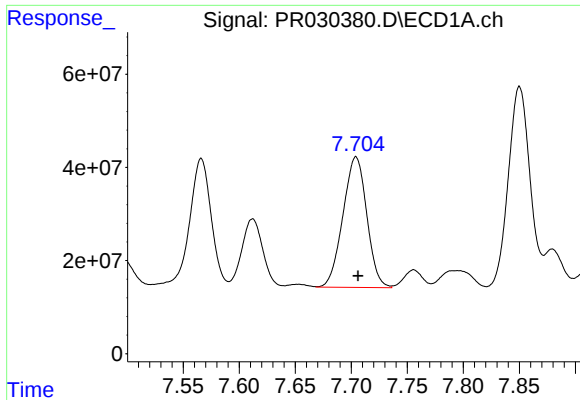
#29 AR-1254-4

R.T.: 7.432 min
Delta R.T.: -0.001 min
Response: 608790264
Conc: 414.48 ng/ml



#29 AR-1254-4

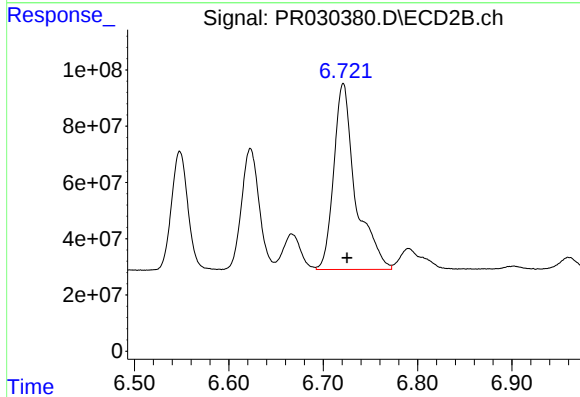
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 557441228
Conc: 406.59 ng/ml



#30 AR-1254-5

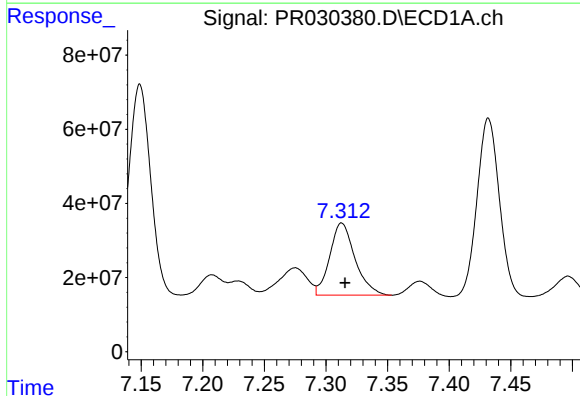
R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 415477507
Conc: 410.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



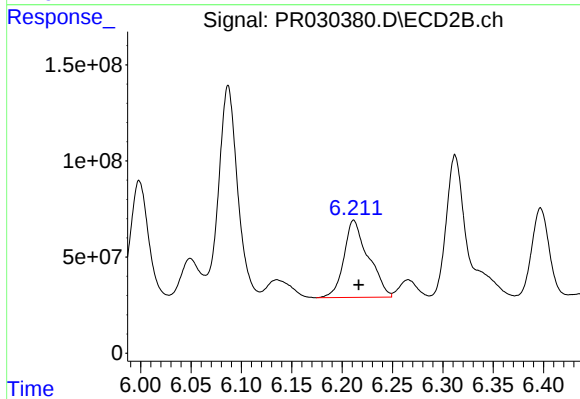
#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 1060381073
Conc: 419.14 ng/ml



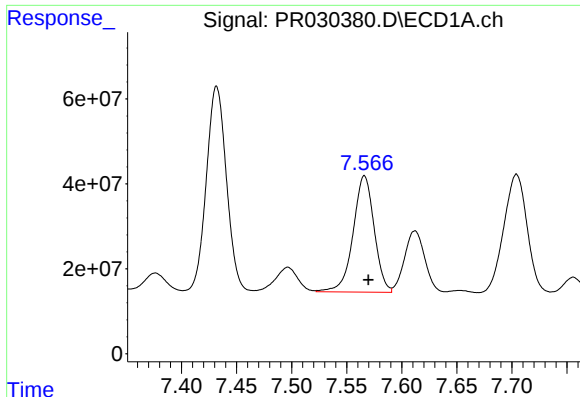
#31 AR-1260-1

R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 278304336
Conc: 229.79 ng/ml



#31 AR-1260-1

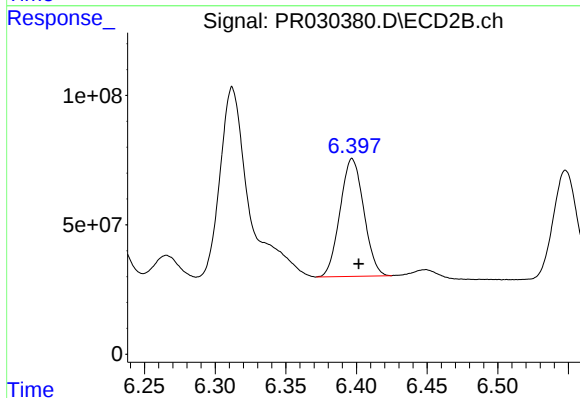
R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 676970040
Conc: 320.56 ng/ml



#32 AR-1260-2

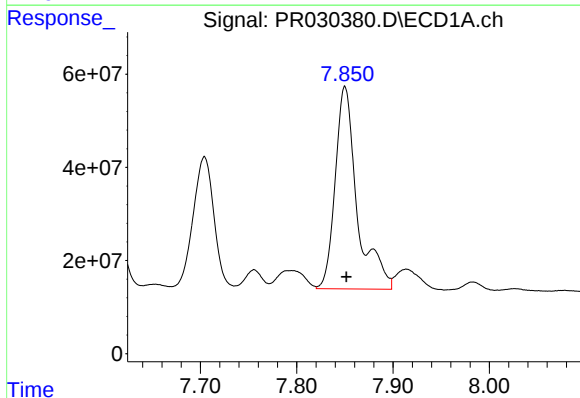
R.T.: 7.566 min
Delta R.T.: -0.004 min
Response: 364287388
Conc: 223.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



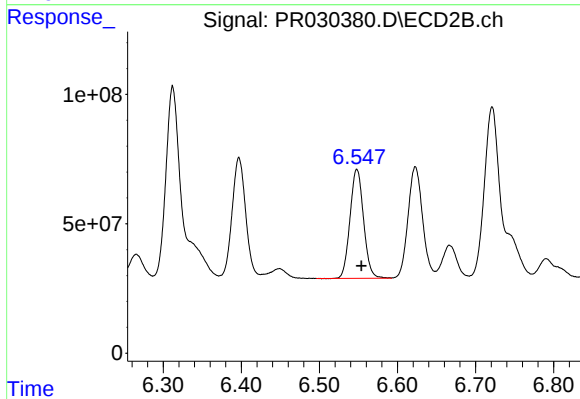
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 531197694
Conc: 216.05 ng/ml



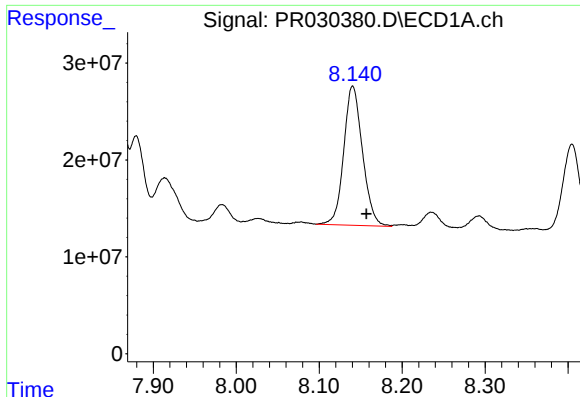
#33 AR-1260-3

R.T.: 7.850 min
Delta R.T.: -0.001 min
Response: 688159919
Conc: 390.22 ng/ml



#33 AR-1260-3

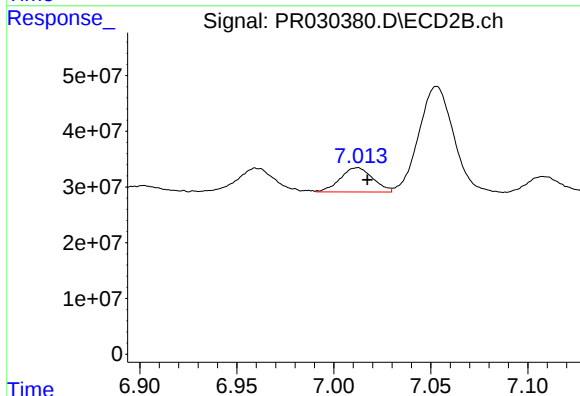
R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 508216518
Conc: 246.04 ng/ml



#34 AR-1260-4

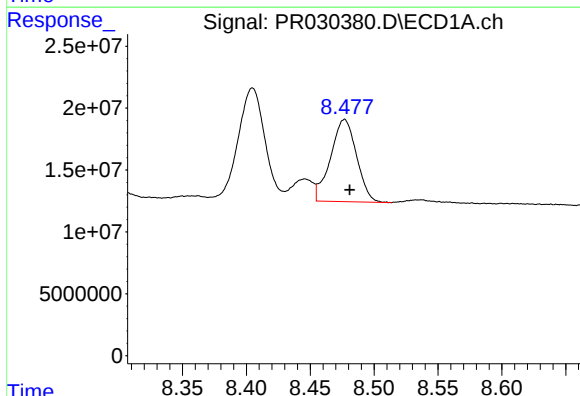
R.T.: 8.141 min
Delta R.T.: -0.016 min
Response: 225425121
Conc: 202.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



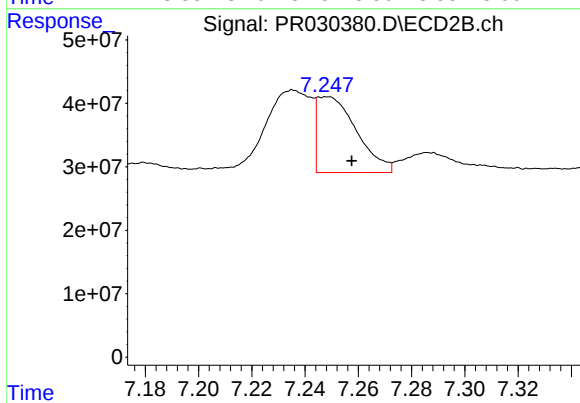
#34 AR-1260-4

R.T.: 7.012 min
Delta R.T.: -0.005 min
Response: 50943282
Conc: 36.88 ng/ml



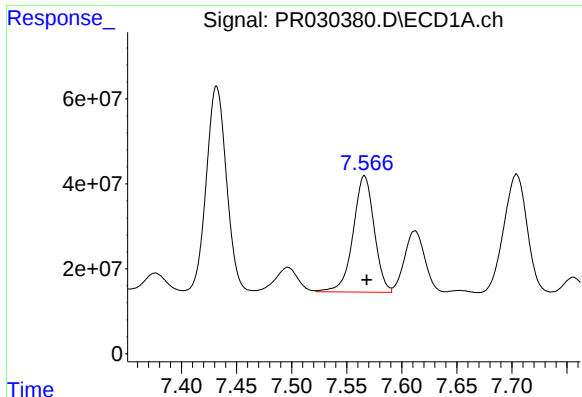
#35 AR-1260-5

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 94352692
Conc: 37.84 ng/ml



#35 AR-1260-5

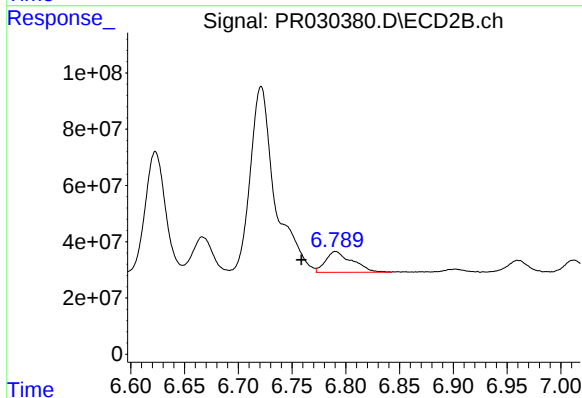
R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 123521539
Conc: 39.44 ng/ml



#36 AR-1262-1

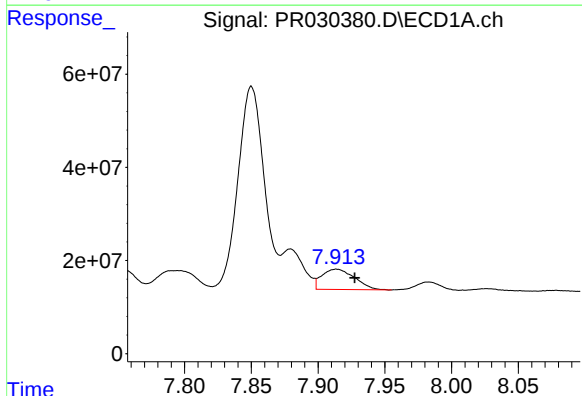
R.T.: 7.566 min
Delta R.T.: -0.002 min
Response: 364287388
Conc: 285.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



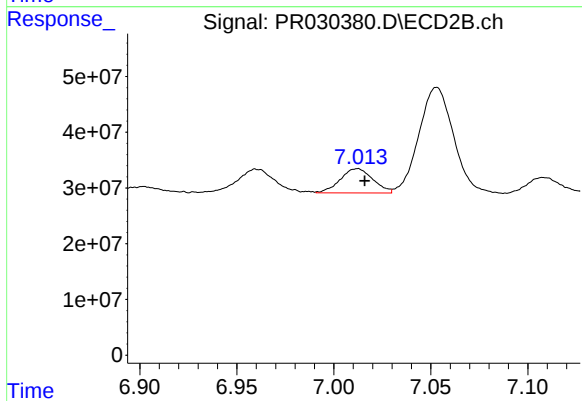
#36 AR-1262-1

R.T.: 6.791 min
Delta R.T.: 0.032 min
Response: 127220875
Conc: 50.14 ng/ml



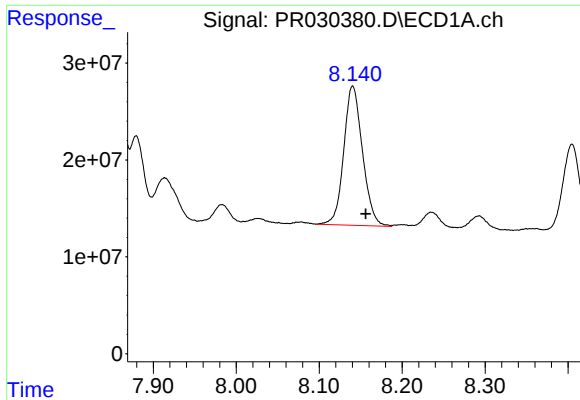
#37 AR-1262-2

R.T.: 7.914 min
Delta R.T.: -0.014 min
Response: 74481026
Conc: 38.98 ng/ml



#37 AR-1262-2

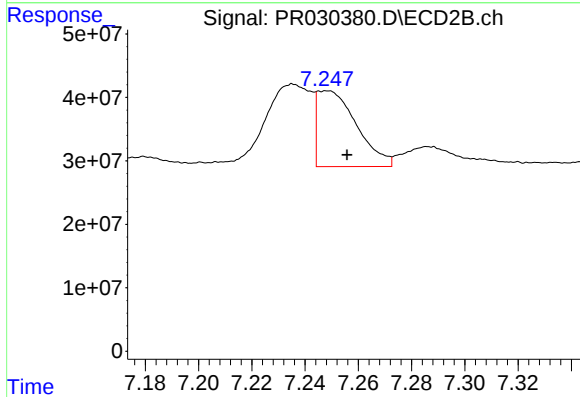
R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 50943282
Conc: 28.00 ng/ml



#38 AR-1262-3

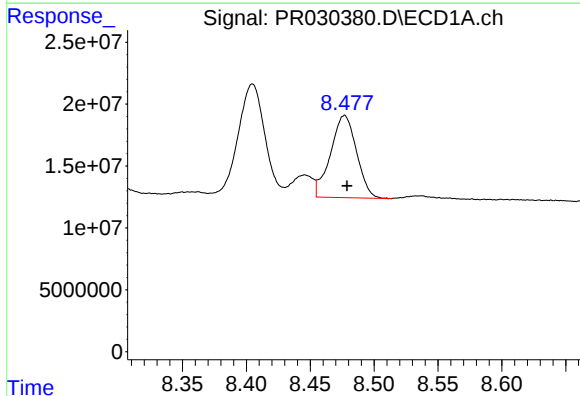
R.T.: 8.141 min
Delta R.T.: -0.016 min
Response: 225425121
Conc: 150.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



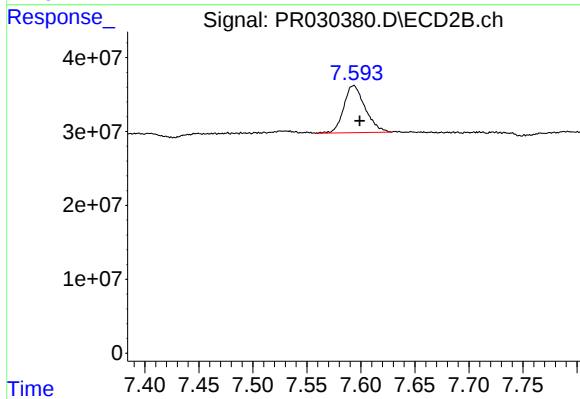
#38 AR-1262-3

R.T.: 7.248 min
Delta R.T.: -0.008 min
Response: 123521539
Conc: 35.94 ng/ml



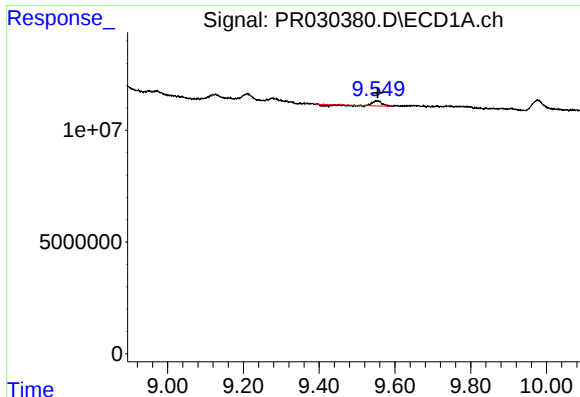
#39 AR-1262-4

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 94352692
Conc: 29.35 ng/ml



#39 AR-1262-4

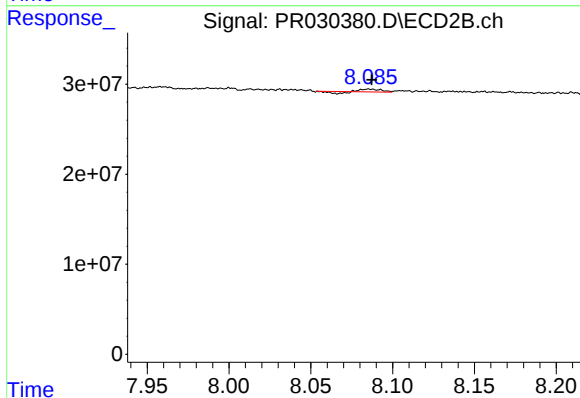
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 88180603
Conc: 41.89 ng/ml



#40 AR-1262-5

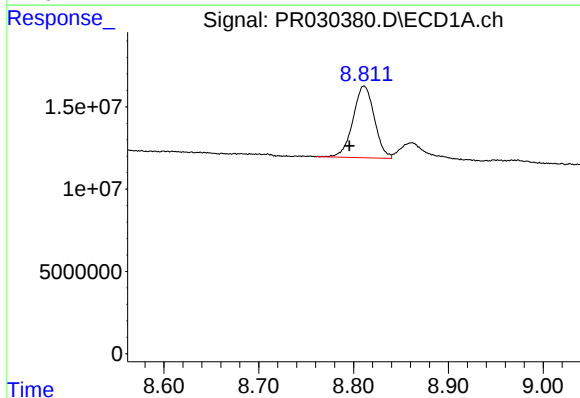
R.T.: 9.554 min
Delta R.T.: -0.002 min
Response: 2404845
Conc: 2.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



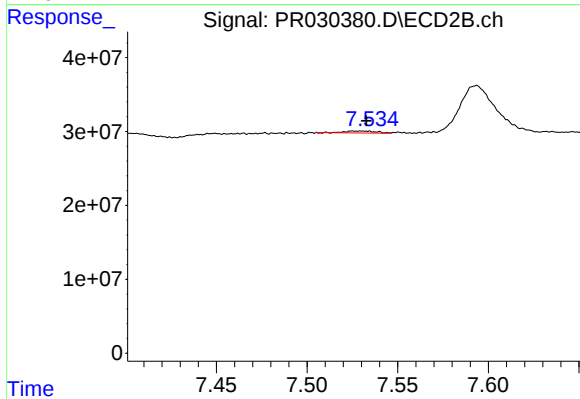
#40 AR-1262-5

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 1807894
Conc: 2.05 ng/ml



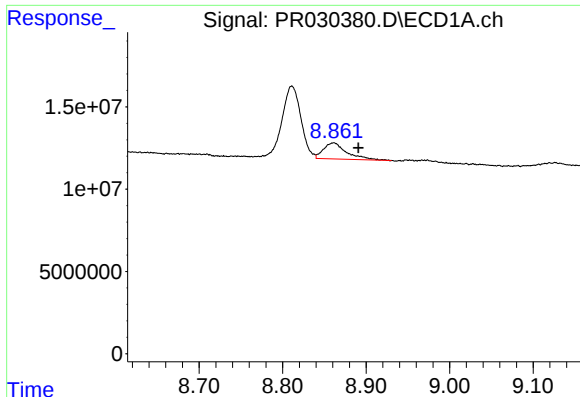
#41 AR-1268-1

R.T.: 8.811 min
Delta R.T.: 0.015 min
Response: 68122848
Conc: 17.19 ng/ml



#41 AR-1268-1

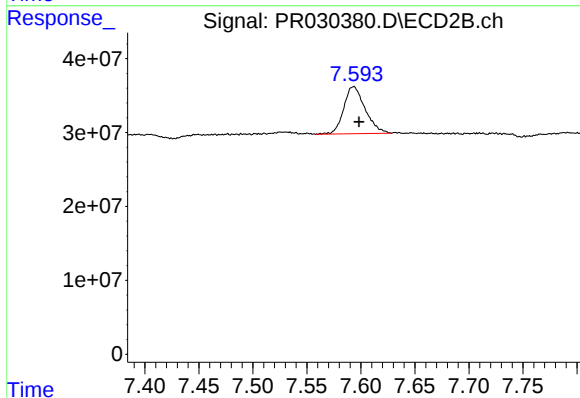
R.T.: 7.530 min
Delta R.T.: -0.002 min
Response: 3066354
Conc: 0.77 ng/ml



#42 AR-1268-2

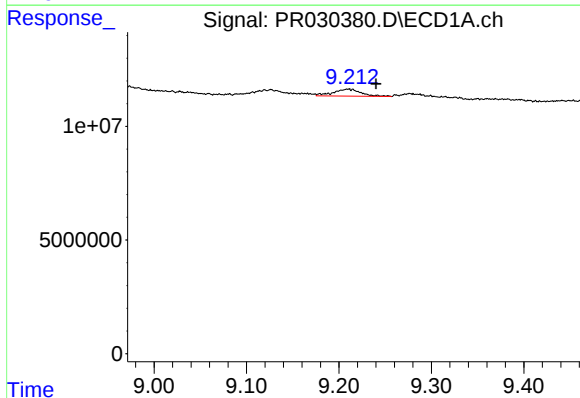
R.T.: 8.861 min
Delta R.T.: -0.030 min
Response: 18723162
Conc: 5.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



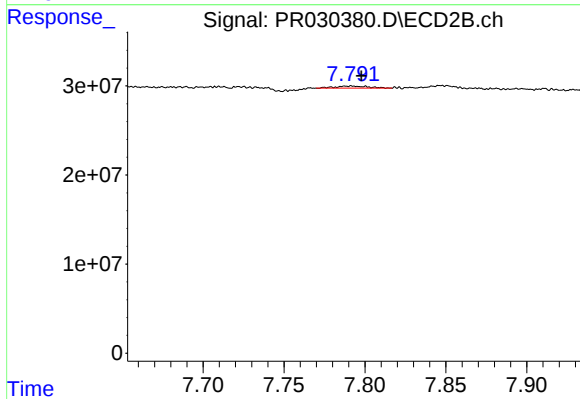
#42 AR-1268-2

R.T.: 7.593 min
Delta R.T.: -0.005 min
Response: 88180603
Conc: 25.11 ng/ml



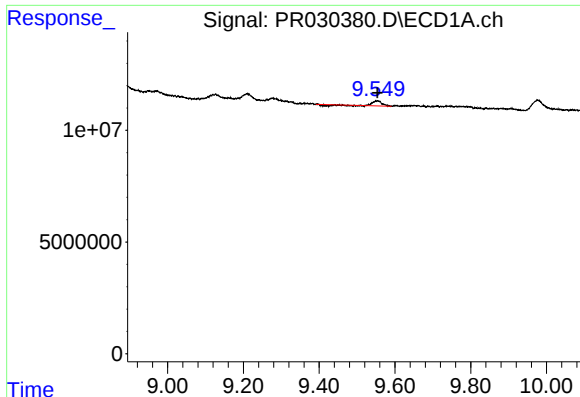
#43 AR-1268-3

R.T.: 9.210 min
Delta R.T.: -0.030 min
Response: 6338608
Conc: 7.85 ng/ml



#43 AR-1268-3

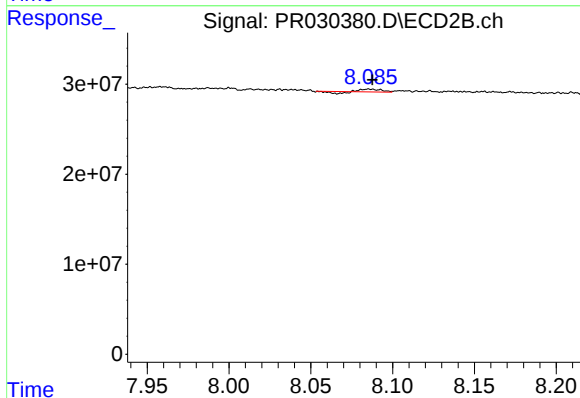
R.T.: 7.792 min
Delta R.T.: -0.006 min
Response: 3231100
Conc: 1.14 ng/ml



#44 AR-1268-4

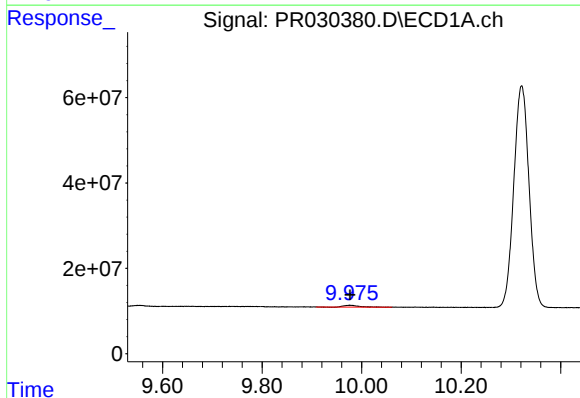
R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 2404845
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



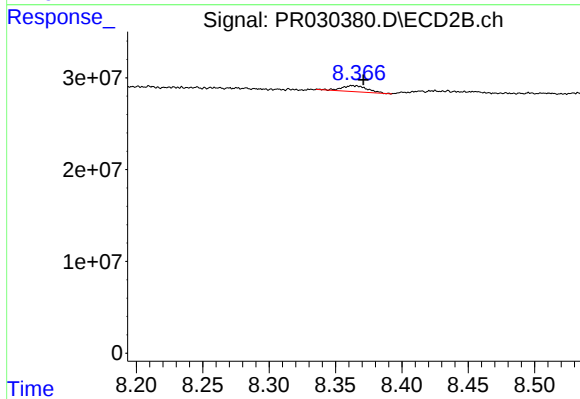
#44 AR-1268-4

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 1807894
Conc: 1.58 ng/ml



#45 AR-1268-5

R.T.: 9.977 min
Delta R.T.: 0.000 min
Response: 8848640
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 8.363 min
Delta R.T.: -0.008 min
Response: 8787712
Conc: 1.36 ng/ml