

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 11:39
 Operator : SM\AJ
 Sample : K5188-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 CB5R1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:14:59 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...	4.721	3.984	64738060	247.7E6	15.914	16.196
2)	SA Decachlor...	10.638	9.098	148.6E6	485.3E6	43.246	48.953
Target Compounds							
3)	L1 AR-1016-1	5.898	5.082	49671803	180.2E6	345.978	331.458
4)	L1 AR-1016-2	5.921	5.103	69997239	227.3E6	342.291	314.914
5)	L1 AR-1016-3	5.984	5.282	46073048	120.2E6	378.972	329.584
6)	L1 AR-1016-4	6.085	5.320	46384432	92534273	456.087	333.445 #
7)	L1 AR-1016-5	6.378	5.538	41798566	70150995	419.787	226.869 #
8)	L2 AR-1221-1	4.923	4.196	5262536	23574441	128.181	139.544
9)	L2 AR-1221-2	5.018	4.285	5848731	26843705	201.587	218.423
10)	L2 AR-1221-3	5.096	4.362	20781767	91330371	213.601	234.482
11)	L3 AR-1232-1	5.096	4.362	20781767	91330371	248.354	268.043
12)	L3 AR-1232-2	5.630	5.103	39320398	227.3E6	912.756	667.487 #
13)	L3 AR-1232-3	5.921	5.282	69997239	120.2E6	778.480	713.615
14)	L3 AR-1232-4	6.085	5.365	46384432	94997131	1042.261	666.932 #
15)	L3 AR-1232-5	6.171	5.538	36478703	70150995	1110.408	520.598 #
16)	L4 AR-1242-1	5.898	5.082	49671803	180.2E6	450.434	424.251
17)	L4 AR-1242-2	5.921	5.103	69997239	227.3E6	450.866	399.391
18)	L4 AR-1242-3	5.984	5.282	46073048	120.2E6	491.032	416.421
19)	L4 AR-1242-4	6.085	5.365	46384432	94997131	597.063	364.923 #
20)	L4 AR-1242-5	6.799	5.893	44934745	73044070	513.375	275.333 #
21)	L5 AR-1248-1	5.898	5.082	49671803	180.2E6	596.928	552.799
22)	L5 AR-1248-2	6.171	5.320	36478703	92534273	317.885	248.433
23)	L5 AR-1248-3	6.378	5.365	41798566	94997131	322.378	253.787
24)	L5 AR-1248-4	6.799	5.538	44934745	70150995	292.837	176.136 #
25)	L5 AR-1248-5	6.799	5.935	44934745	20124397	310.345	57.620 #
26)	L6 AR-1254-1	6.755	5.893	37324704	73044070	228.549	137.888 #
27)	L6 AR-1254-2	6.971	6.039	38325487	93547187	154.476	186.589
28)	L6 AR-1254-3	7.344	6.460	20150898	220.1E6	74.671	233.334 #
29)	L6 AR-1254-4	6.627	6.673	17315153	44455344	85.315	67.145
30)	L6 AR-1254-5	8.046	7.093	110.4E6	297.8E6	519.150	346.803 #
31)	L7 AR-1260-1	7.504	6.578	66825128	168.1E6	352.703	283.657
32)	L7 AR-1260-2	7.759	6.762	95810395	283.2E6	405.356	347.343
33)	L7 AR-1260-3	8.120	6.919	48632173	223.9E6	259.056	323.819
34)	L7 AR-1260-4	8.359	7.393	64732315	155.5E6	322.105	267.952
35)	L7 AR-1260-5	8.697	7.632	108.8E6	425.9E6	251.357	261.978
36)	L8 AR-1262-1	8.179	7.093	27928799	297.8E6	296.702	683.325 #
37)	L8 AR-1262-2	8.697	7.632	108.8E6	425.9E6	252.259	247.423
38)	L8 AR-1262-3	9.048	7.918	79458500	115.9E6	285.059	177.546 #
39)	L8 AR-1262-4	9.129	7.983	29757519	249.8E6	145.252	213.735 #
40)	L8 AR-1262-5	9.829	8.499	24314202	85133776	168.557	159.156
41)	L9 AR-1268-1	9.048	7.918	79458500	115.9E6	144.669	52.854 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
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 Acq On : 04 Oct 2019 11:39
 Operator : SM\AJ
 Sample : K5188-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 CB5R1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:14:59 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

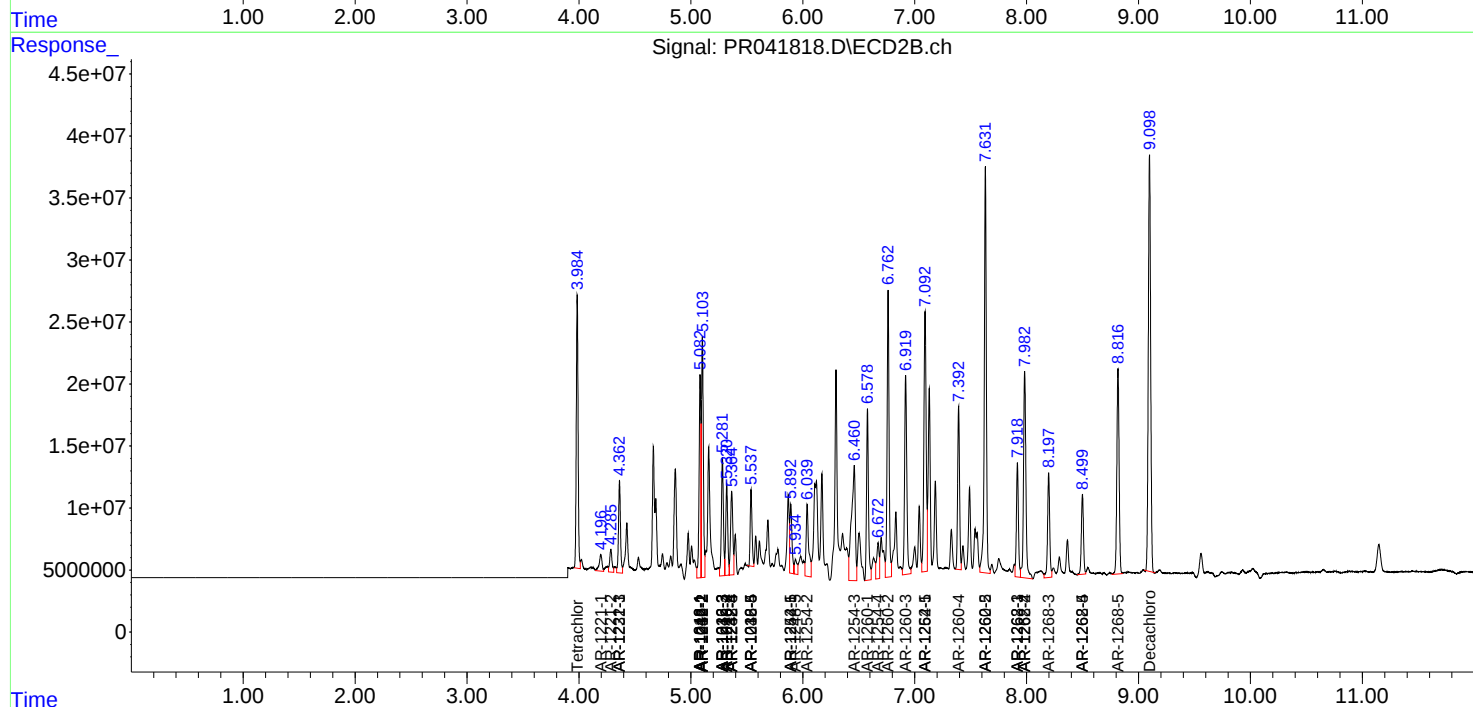
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

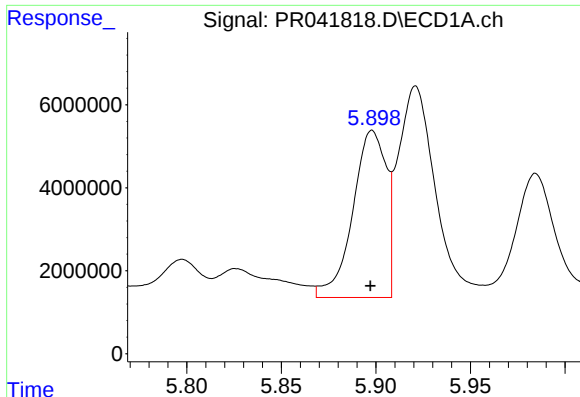
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.129	7.983	29757519	249.8E6	59.853	125.520 #
43) L9	AR-1268-3	9.373	8.197	25459700	113.6E6	62.419	67.791
44) L9	AR-1268-4	9.829	8.499	24314202	85133776	138.583	131.918
45) L9	AR-1268-5	10.274	8.817	69683512	233.3E6	53.476	50.832

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

Instrument :
ECD_R
ClientSampleId :
CB5R1MS

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

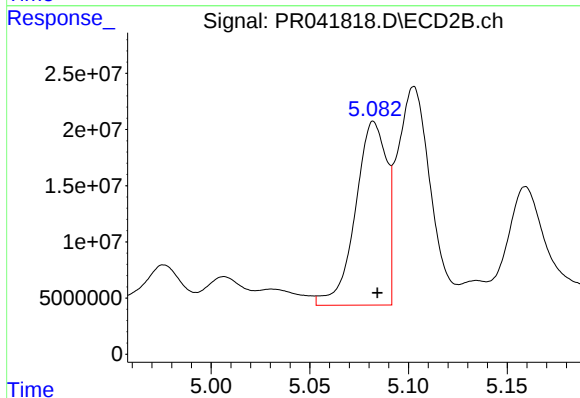




#3 AR-1016-1

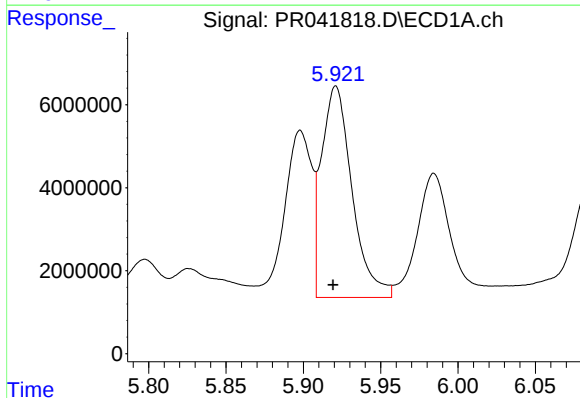
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 49671803
Conc: 345.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



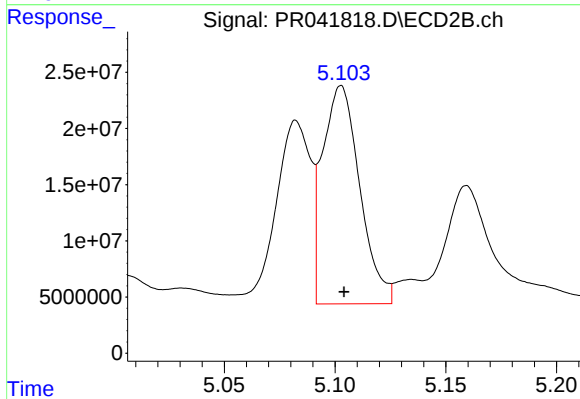
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 180179000
Conc: 331.46 ng/ml



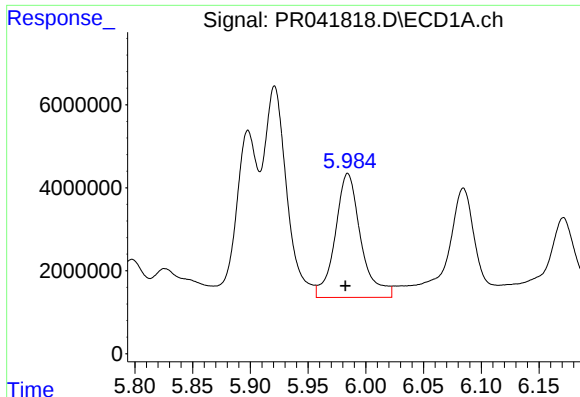
#4 AR-1016-2

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 69997239
Conc: 342.29 ng/ml



#4 AR-1016-2

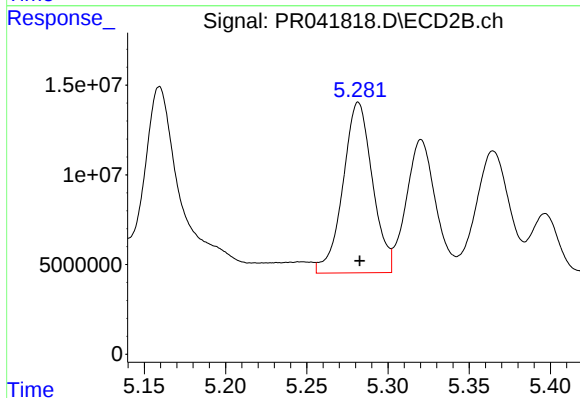
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 227296728
Conc: 314.91 ng/ml



#5 AR-1016-3

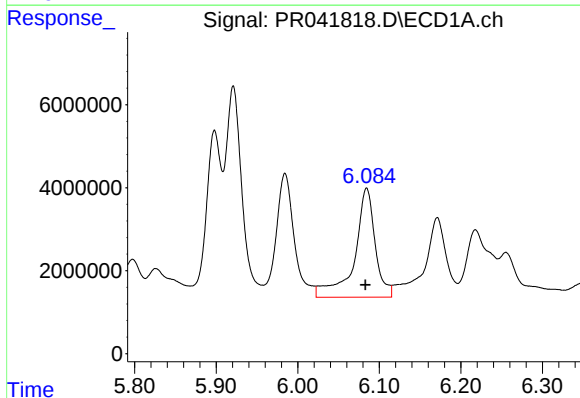
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 46073048
Conc: 378.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



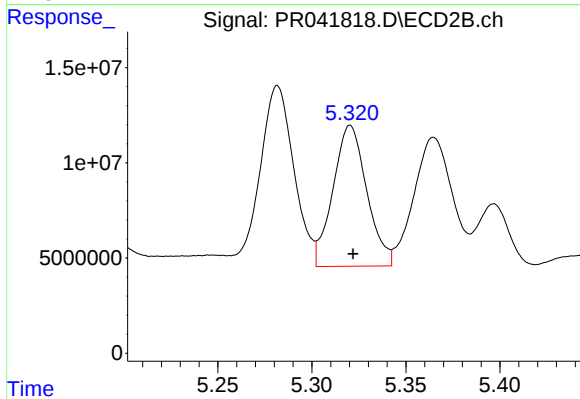
#5 AR-1016-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 120181868
Conc: 329.58 ng/ml



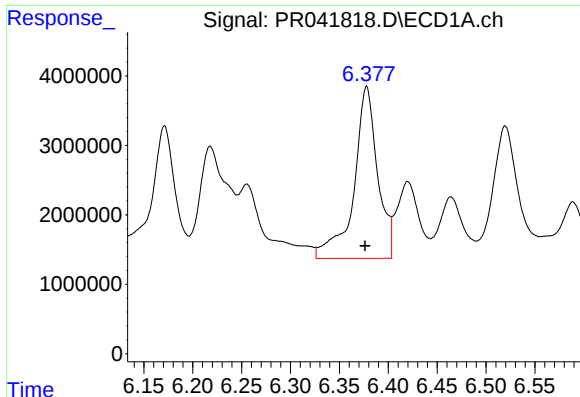
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 46384432
Conc: 456.09 ng/ml



#6 AR-1016-4

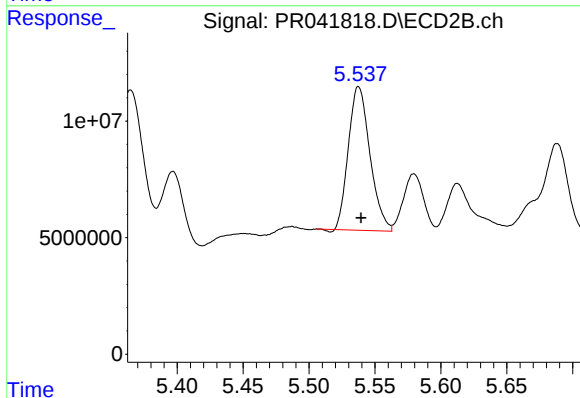
R.T.: 5.320 min
Delta R.T.: -0.001 min
Response: 92534273
Conc: 333.44 ng/ml



#7 AR-1016-5

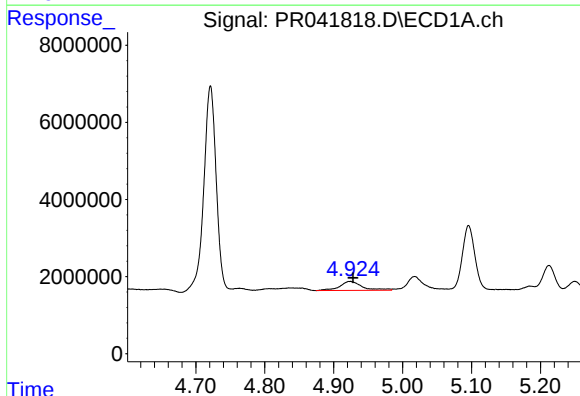
R.T.: 6.378 min
Delta R.T.: 0.001 min
Response: 41798566
Conc: 419.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



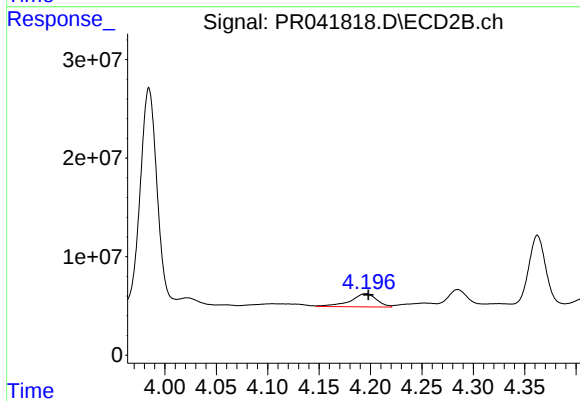
#7 AR-1016-5

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 70150995
Conc: 226.87 ng/ml



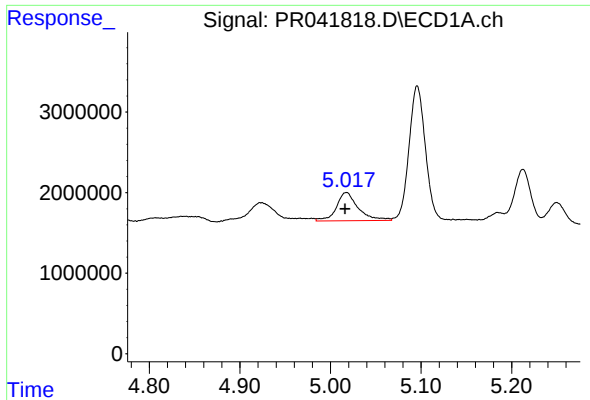
#8 AR-1221-1

R.T.: 4.923 min
Delta R.T.: -0.005 min
Response: 5262536
Conc: 128.18 ng/ml



#8 AR-1221-1

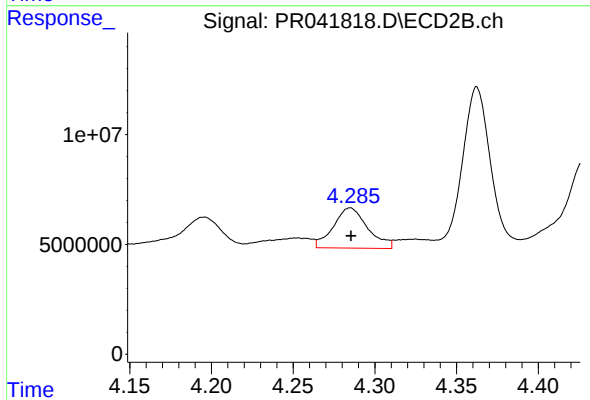
R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 23574441
Conc: 139.54 ng/ml



#9 AR-1221-2

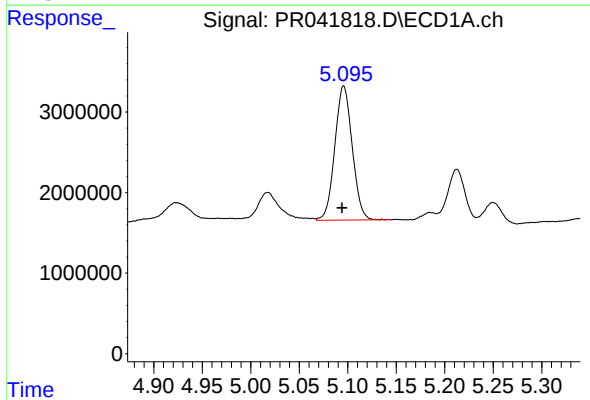
R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 5848731
Conc: 201.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



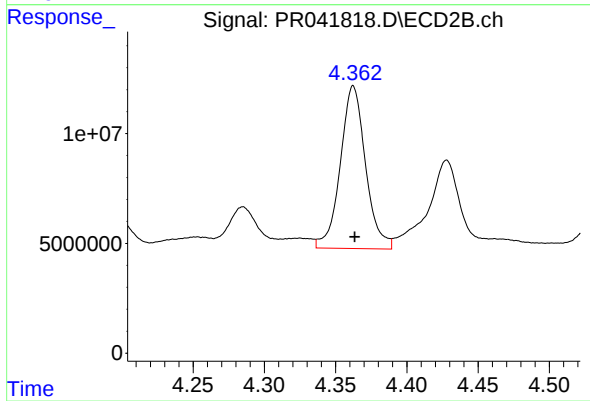
#9 AR-1221-2

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 26843705
Conc: 218.42 ng/ml



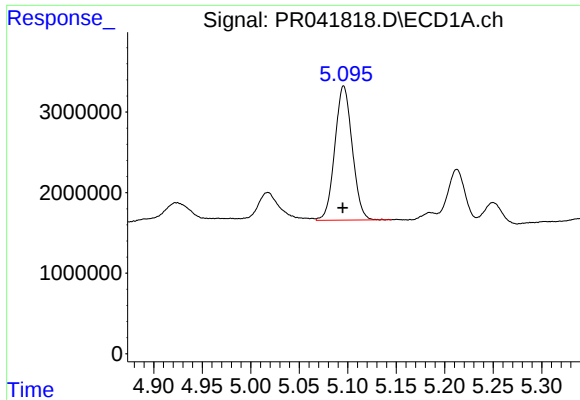
#10 AR-1221-3

R.T.: 5.096 min
Delta R.T.: 0.002 min
Response: 20781767
Conc: 213.60 ng/ml



#10 AR-1221-3

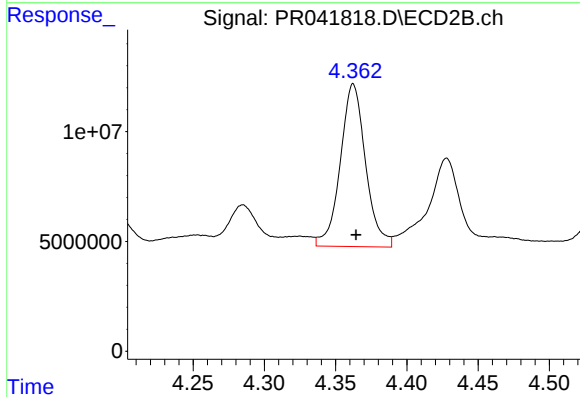
R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 91330371
Conc: 234.48 ng/ml



#11 AR-1232-1

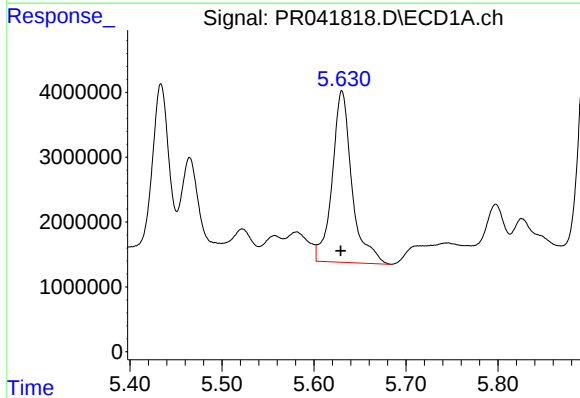
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 20781767
Conc: 248.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



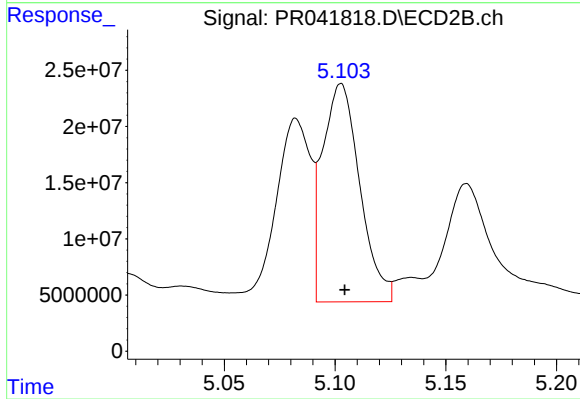
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 91330371
Conc: 268.04 ng/ml



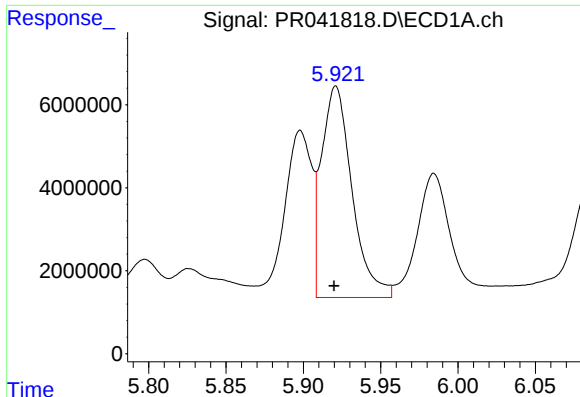
#12 AR-1232-2

R.T.: 5.630 min
Delta R.T.: 0.001 min
Response: 39320398
Conc: 912.76 ng/ml



#12 AR-1232-2

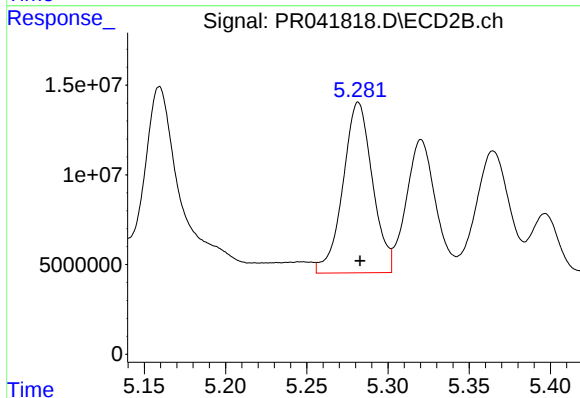
R.T.: 5.103 min
Delta R.T.: -0.002 min
Response: 227296728
Conc: 667.49 ng/ml



#13 AR-1232-3

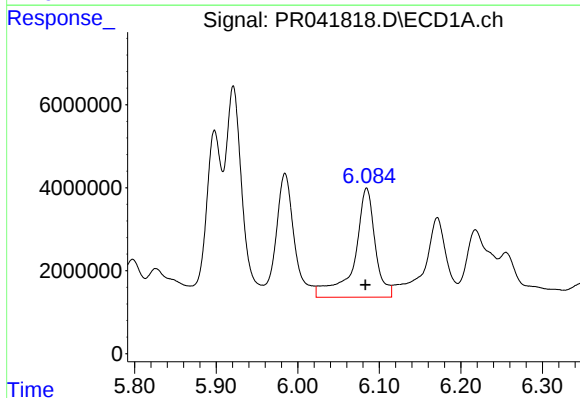
R.T.: 5.921 min
Delta R.T.: 0.001 min
Response: 69997239
Conc: 778.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



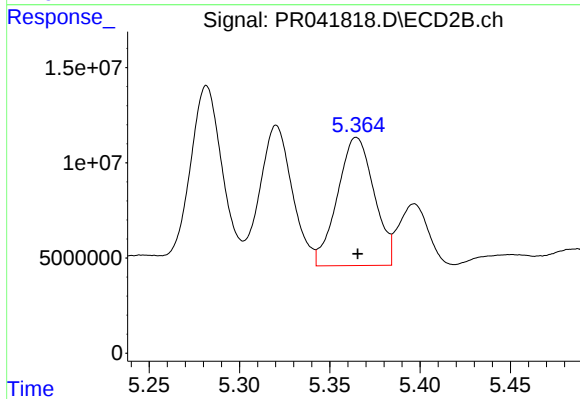
#13 AR-1232-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 120181868
Conc: 713.61 ng/ml



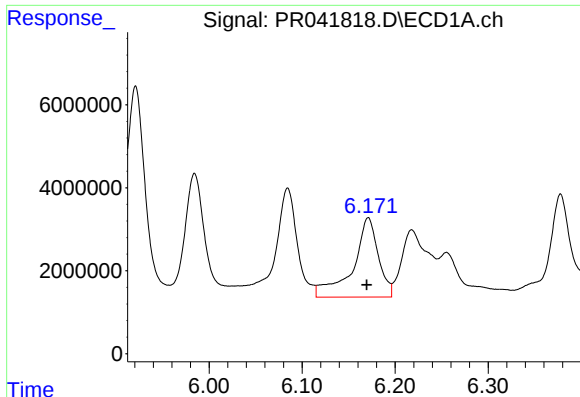
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 46384432
Conc: 1042.26 ng/ml



#14 AR-1232-4

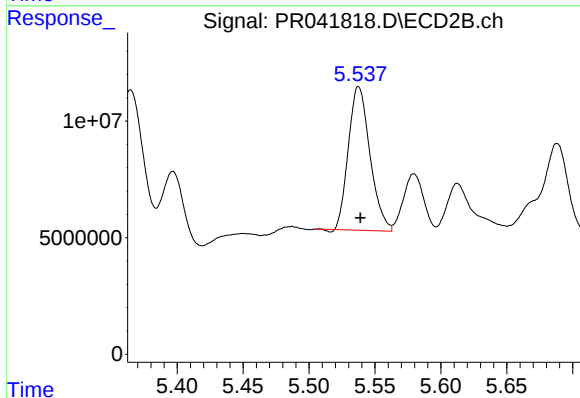
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 94997131
Conc: 666.93 ng/ml



#15 AR-1232-5

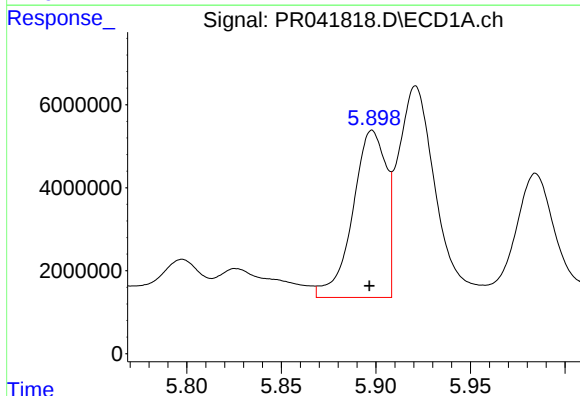
R.T.: 6.171 min
Delta R.T.: 0.001 min
Response: 36478703
Conc: 1110.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



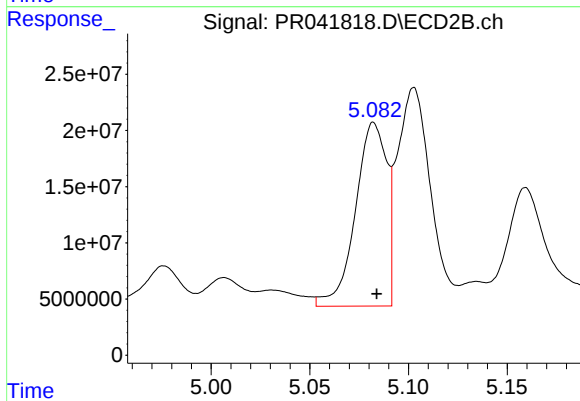
#15 AR-1232-5

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 70150995
Conc: 520.60 ng/ml



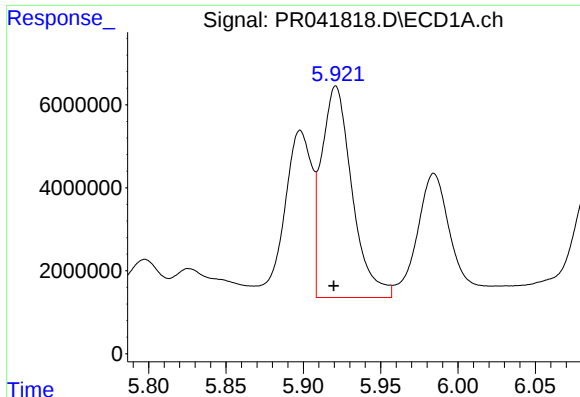
#16 AR-1242-1

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 49671803
Conc: 450.43 ng/ml



#16 AR-1242-1

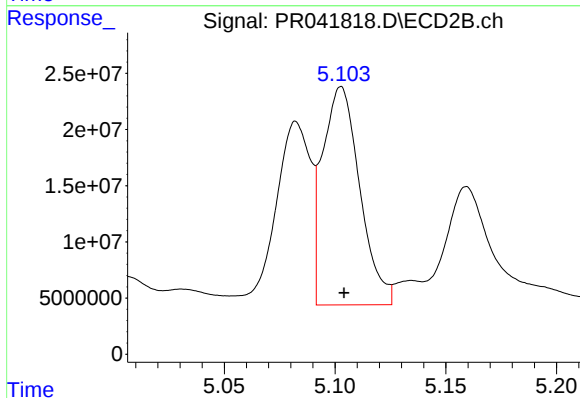
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 180179000
Conc: 424.25 ng/ml



#17 AR-1242-2

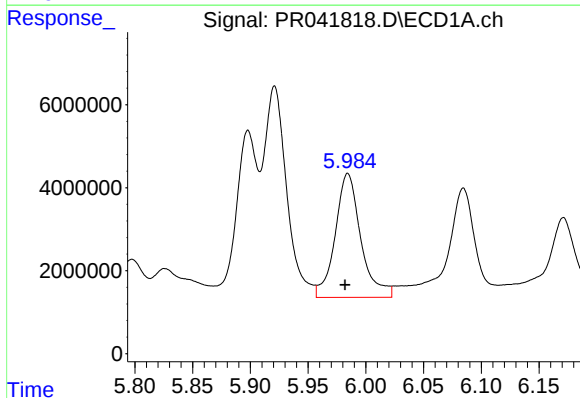
R.T.: 5.921 min
Delta R.T.: 0.001 min
Response: 69997239
Conc: 450.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



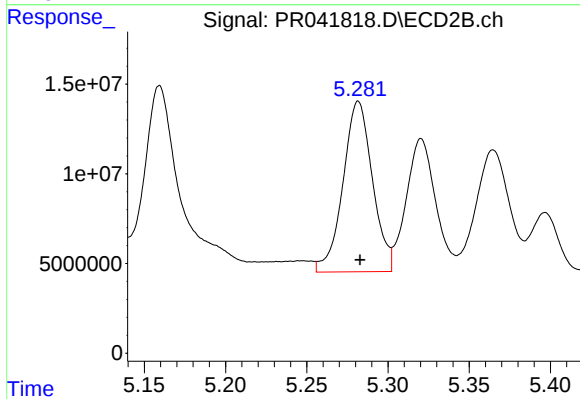
#17 AR-1242-2

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 227296728
Conc: 399.39 ng/ml



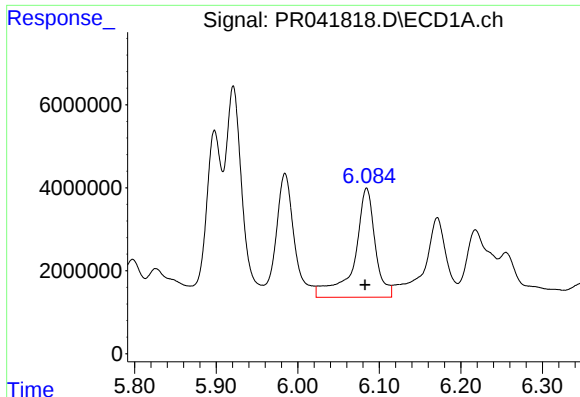
#18 AR-1242-3

R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 46073048
Conc: 491.03 ng/ml



#18 AR-1242-3

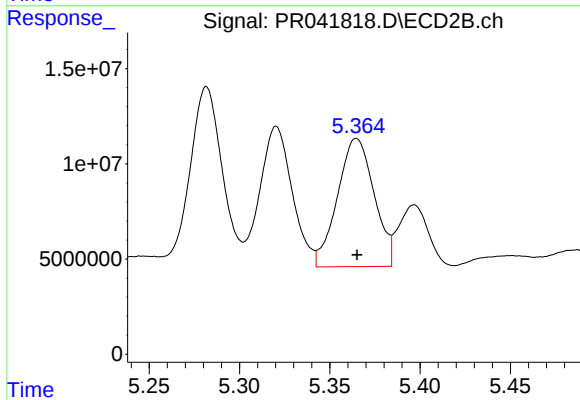
R.T.: 5.282 min
Delta R.T.: -0.001 min
Response: 120181868
Conc: 416.42 ng/ml



#19 AR-1242-4

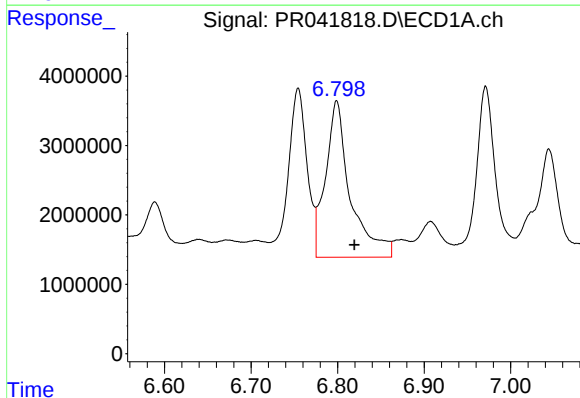
R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 46384432
Conc: 597.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



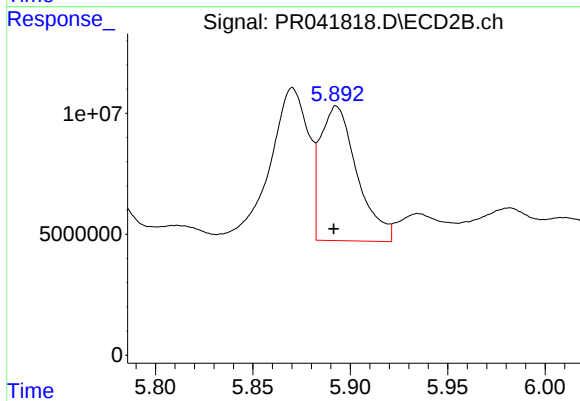
#19 AR-1242-4

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 94997131
Conc: 364.92 ng/ml



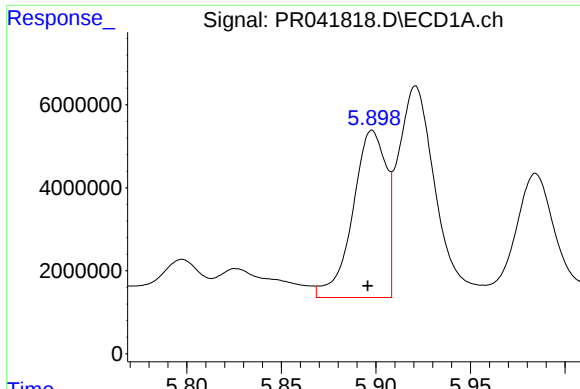
#20 AR-1242-5

R.T.: 6.799 min
Delta R.T.: -0.020 min
Response: 44934745
Conc: 513.37 ng/ml



#20 AR-1242-5

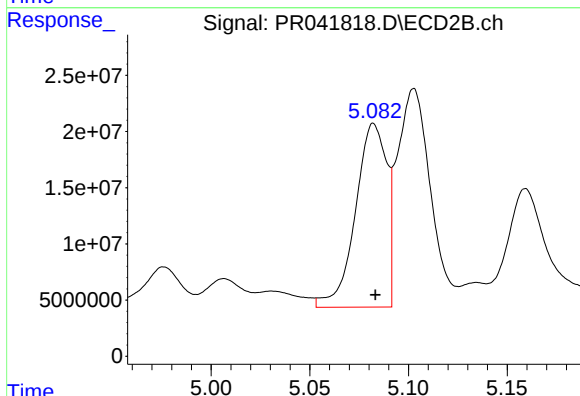
R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 73044070
Conc: 275.33 ng/ml



#21 AR-1248-1

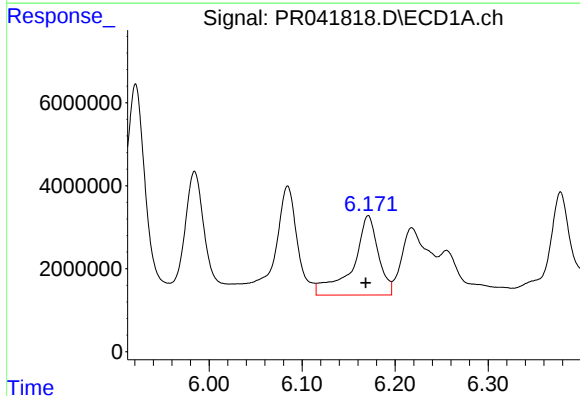
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 49671803
Conc: 596.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



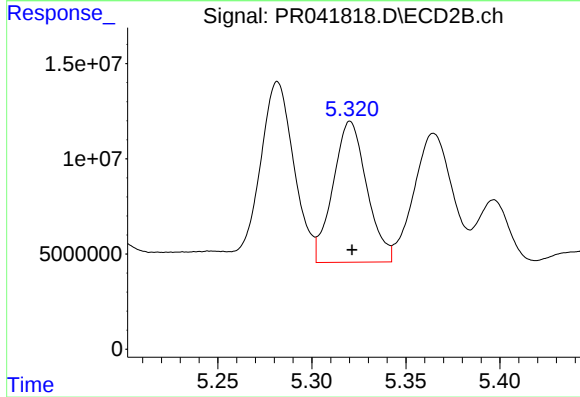
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 180179000
Conc: 552.80 ng/ml



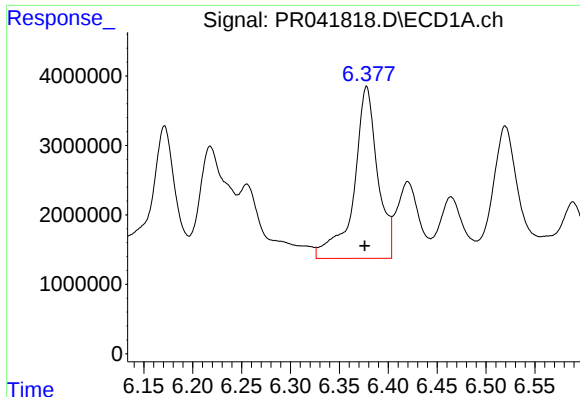
#22 AR-1248-2

R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: 36478703
Conc: 317.89 ng/ml



#22 AR-1248-2

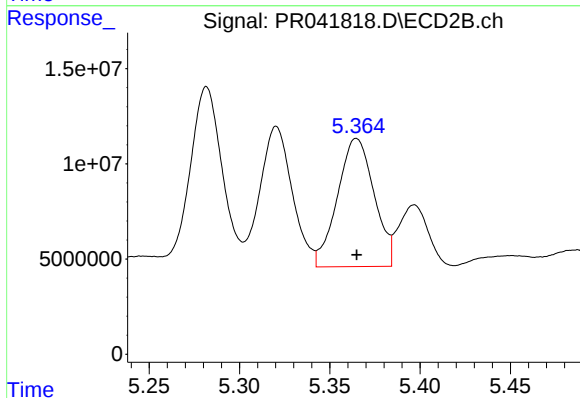
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 92534273
Conc: 248.43 ng/ml



#23 AR-1248-3

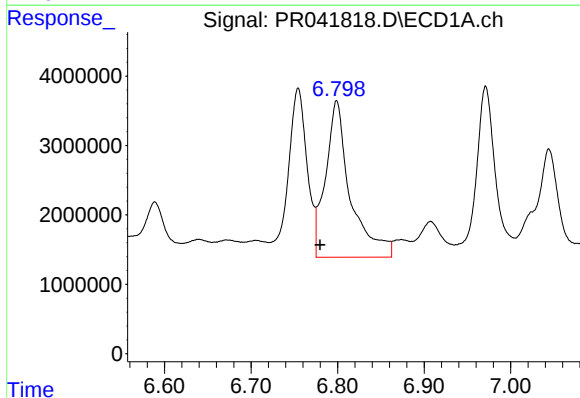
R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 41798566
Conc: 322.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



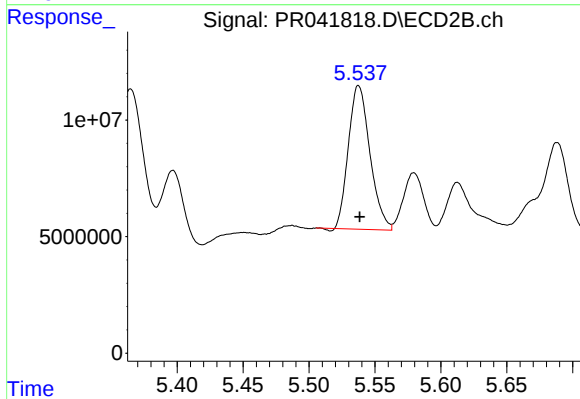
#23 AR-1248-3

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 94997131
Conc: 253.79 ng/ml



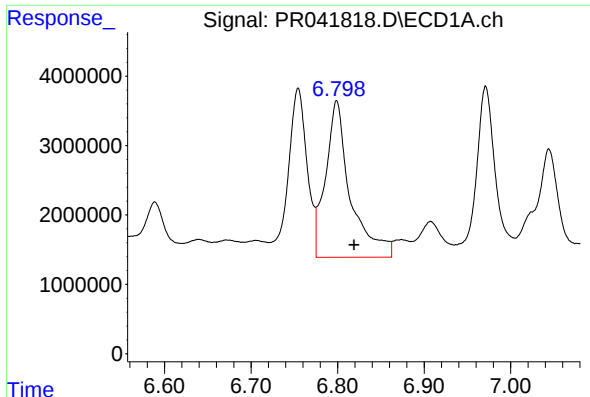
#24 AR-1248-4

R.T.: 6.799 min
Delta R.T.: 0.019 min
Response: 44934745
Conc: 292.84 ng/ml



#24 AR-1248-4

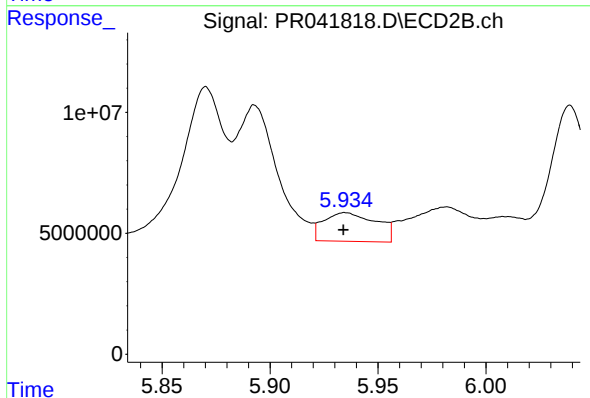
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 70150995
Conc: 176.14 ng/ml



#25 AR-1248-5

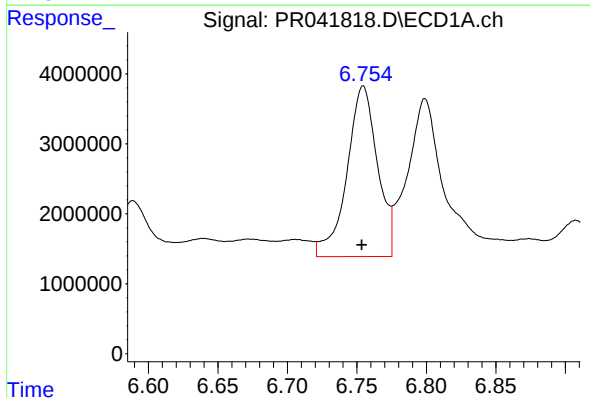
R.T.: 6.799 min
Delta R.T.: -0.020 min
Response: 44934745
Conc: 310.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



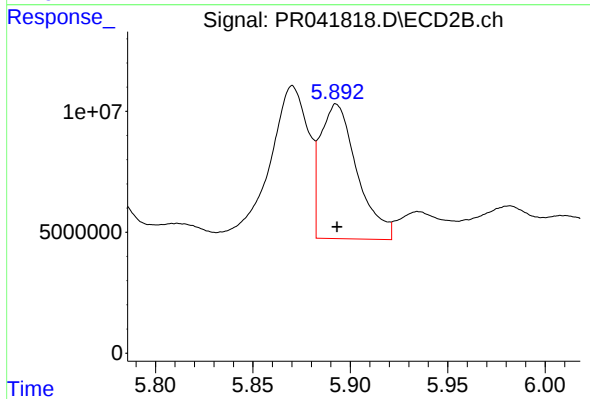
#25 AR-1248-5

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 20124397
Conc: 57.62 ng/ml



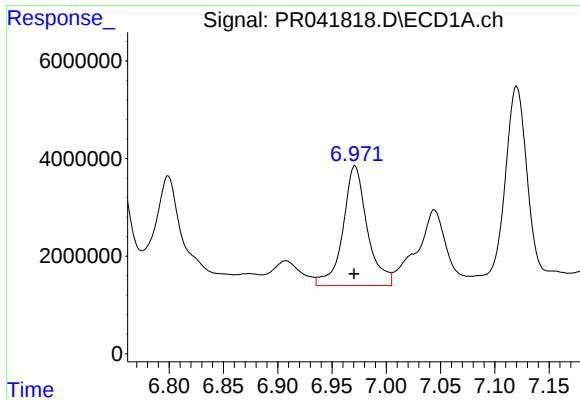
#26 AR-1254-1

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 37324704
Conc: 228.55 ng/ml



#26 AR-1254-1

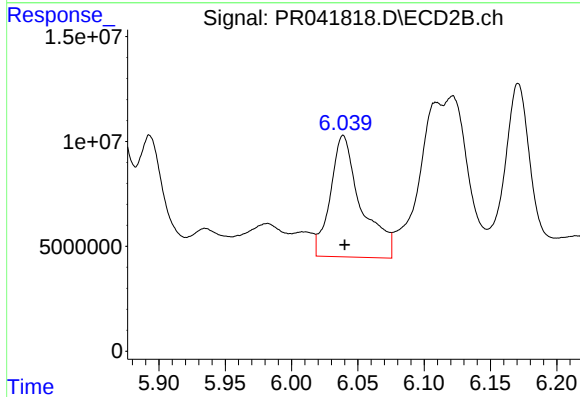
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 73044070
Conc: 137.89 ng/ml



#27 AR-1254-2

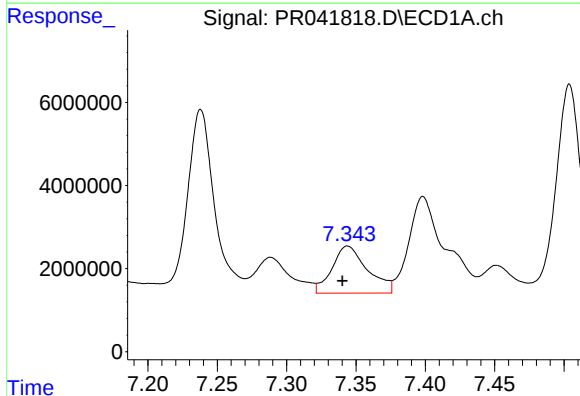
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 38325487
Conc: 154.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



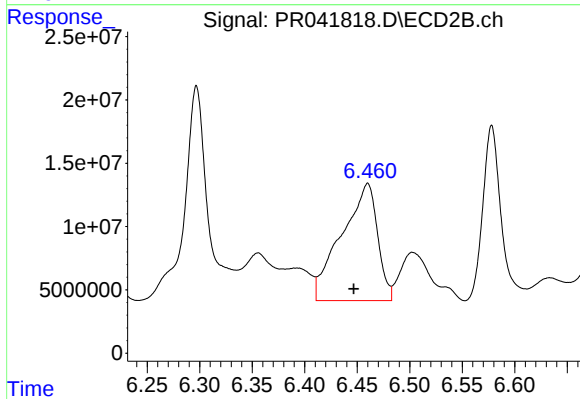
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 93547187
Conc: 186.59 ng/ml



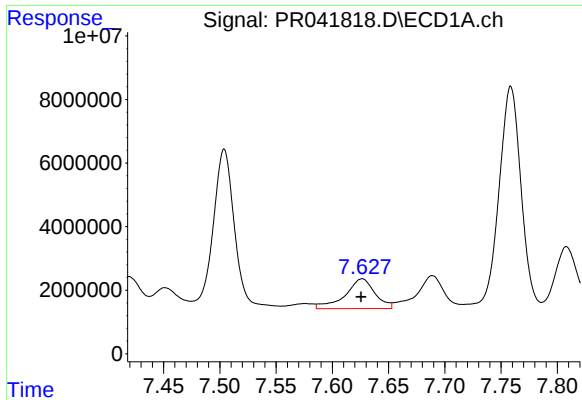
#28 AR-1254-3

R.T.: 7.344 min
Delta R.T.: 0.004 min
Response: 20150898
Conc: 74.67 ng/ml



#28 AR-1254-3

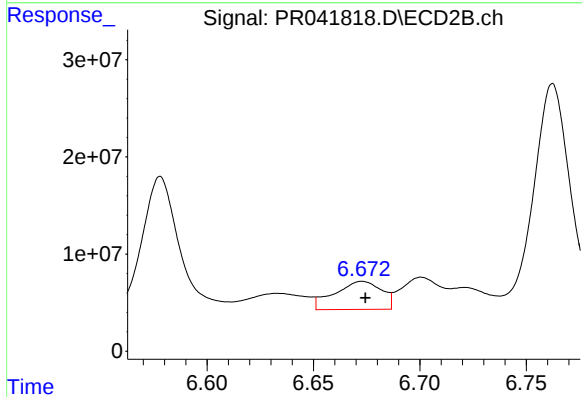
R.T.: 6.460 min
Delta R.T.: 0.013 min
Response: 220138335
Conc: 233.33 ng/ml



#29 AR-1254-4

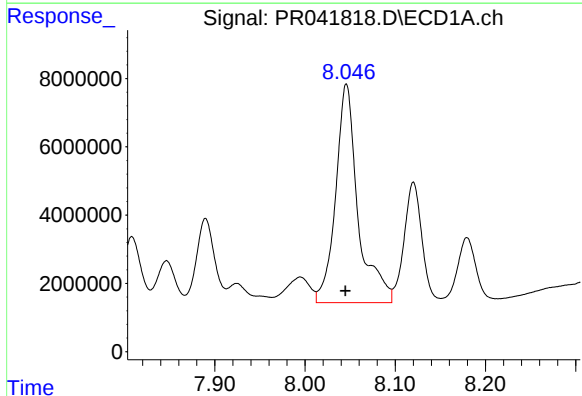
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 17315153
Conc: 85.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



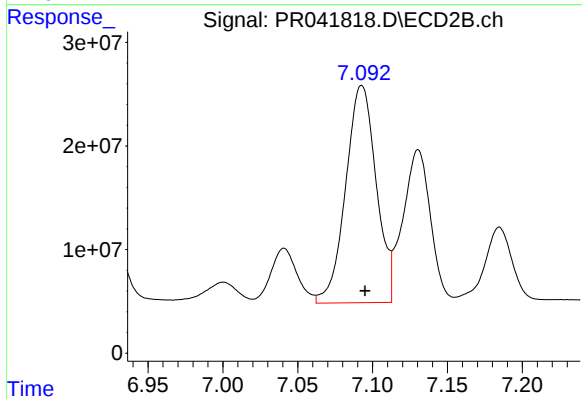
#29 AR-1254-4

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 44455344
Conc: 67.15 ng/ml



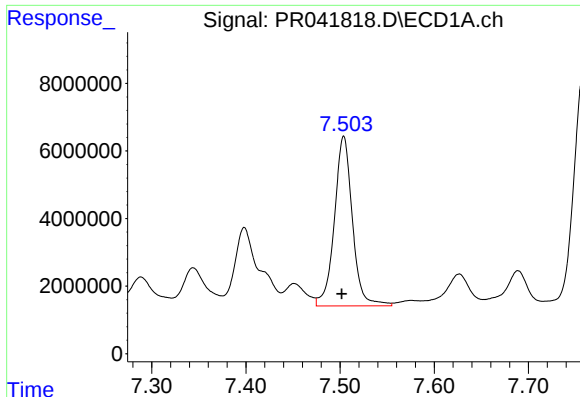
#30 AR-1254-5

R.T.: 8.046 min
Delta R.T.: 0.001 min
Response: 110399119
Conc: 519.15 ng/ml



#30 AR-1254-5

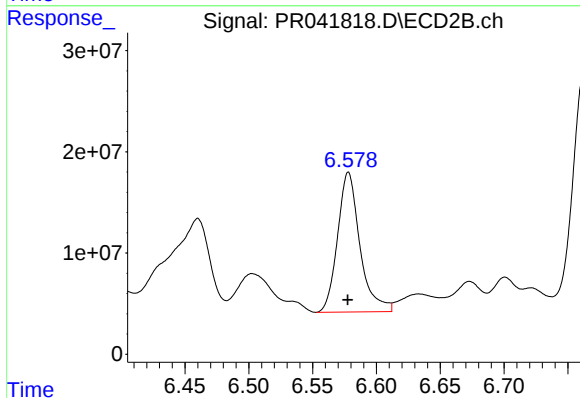
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 297780623
Conc: 346.80 ng/ml



#31 AR-1260-1

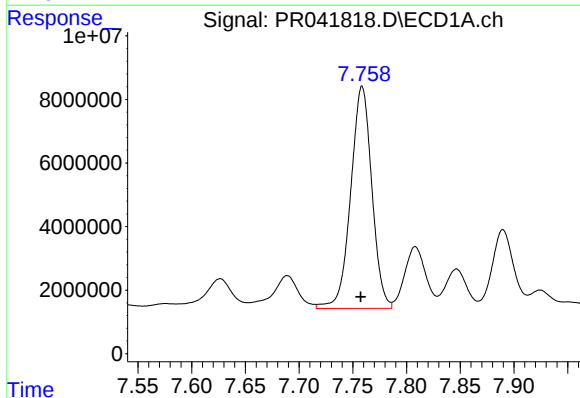
R.T.: 7.504 min
Delta R.T.: 0.002 min
Response: 66825128
Conc: 352.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



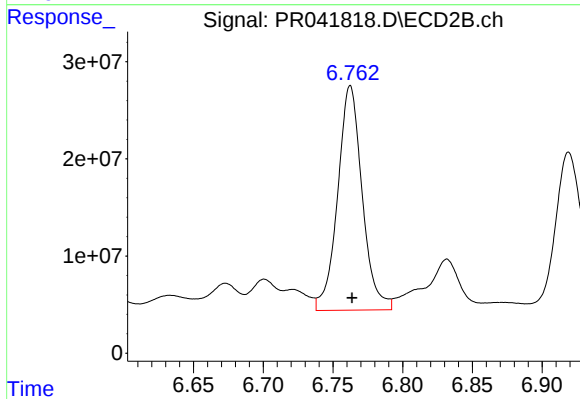
#31 AR-1260-1

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 168142725
Conc: 283.66 ng/ml



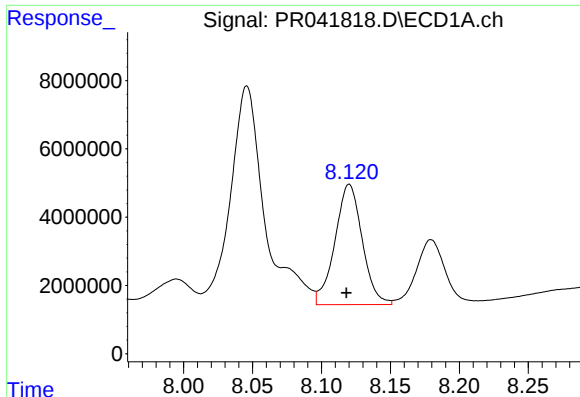
#32 AR-1260-2

R.T.: 7.759 min
Delta R.T.: 0.001 min
Response: 95810395
Conc: 405.36 ng/ml



#32 AR-1260-2

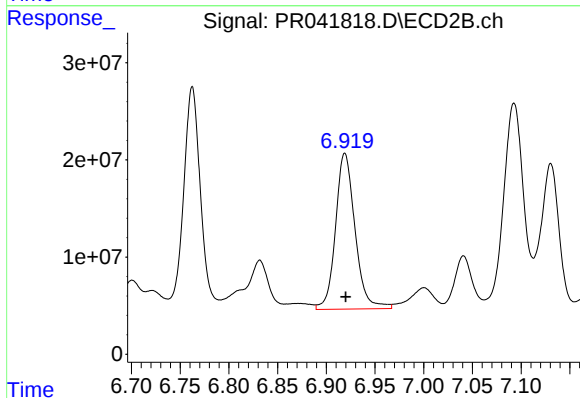
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 283180960
Conc: 347.34 ng/ml



#33 AR-1260-3

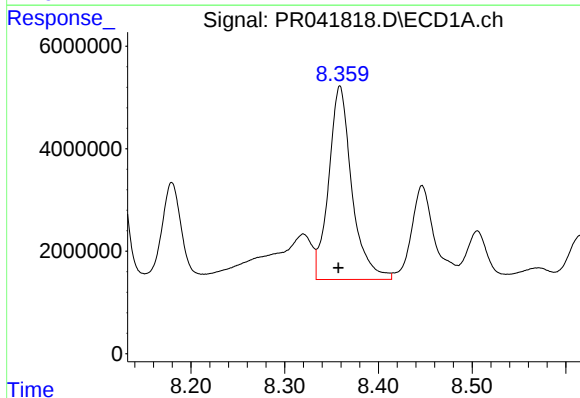
R.T.: 8.120 min
Delta R.T.: 0.002 min
Response: 48632173
Conc: 259.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



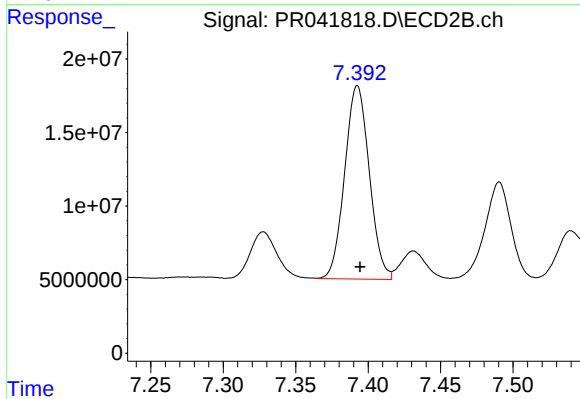
#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: -0.001 min
Response: 223859003
Conc: 323.82 ng/ml



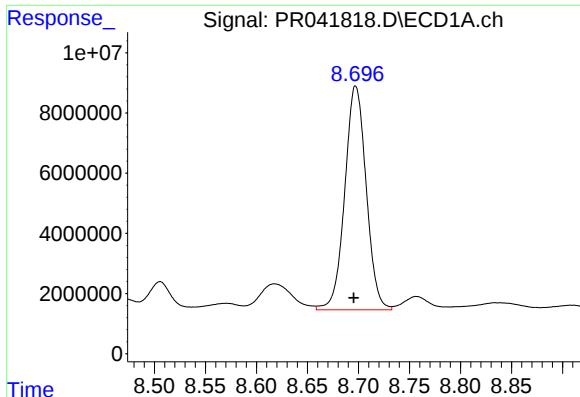
#34 AR-1260-4

R.T.: 8.359 min
Delta R.T.: 0.001 min
Response: 64732315
Conc: 322.10 ng/ml



#34 AR-1260-4

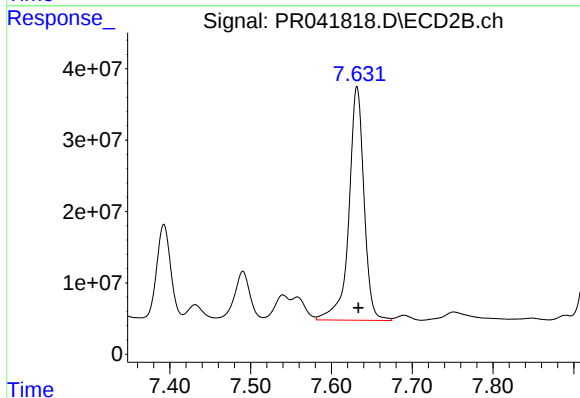
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 155490791
Conc: 267.95 ng/ml



#35 AR-1260-5

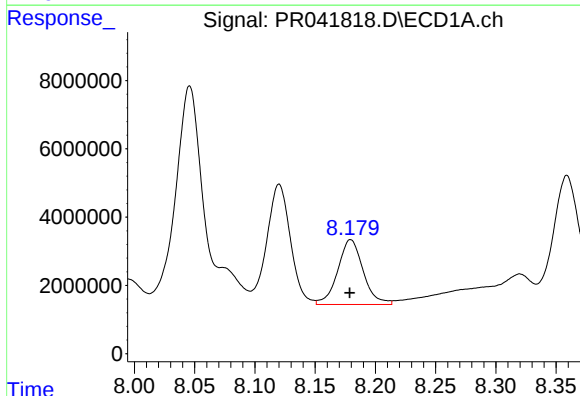
R.T.: 8.697 min
Delta R.T.: 0.002 min
Response: 108809006
Conc: 251.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



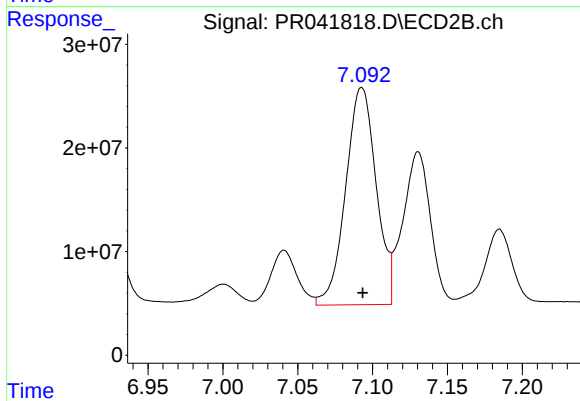
#35 AR-1260-5

R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 425939706
Conc: 261.98 ng/ml



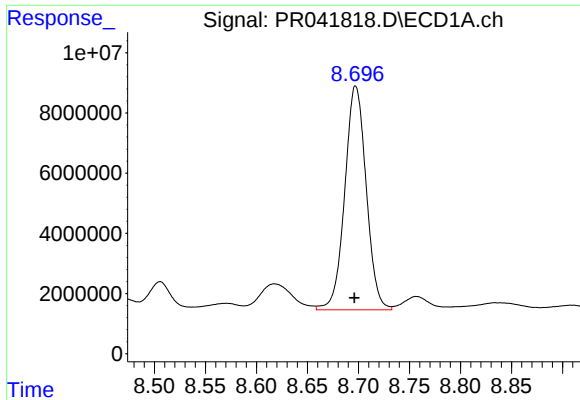
#36 AR-1262-1

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 27928799
Conc: 296.70 ng/ml



#36 AR-1262-1

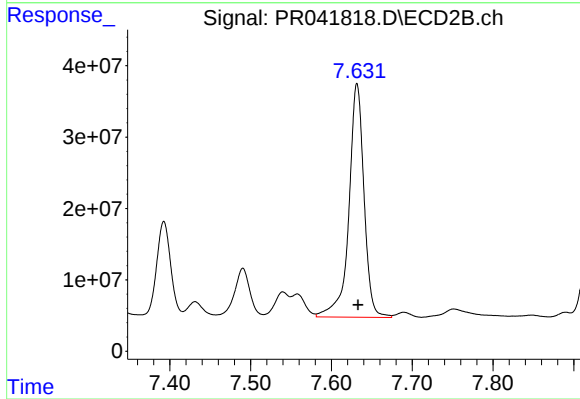
R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 297780623
Conc: 683.32 ng/ml



#37 AR-1262-2

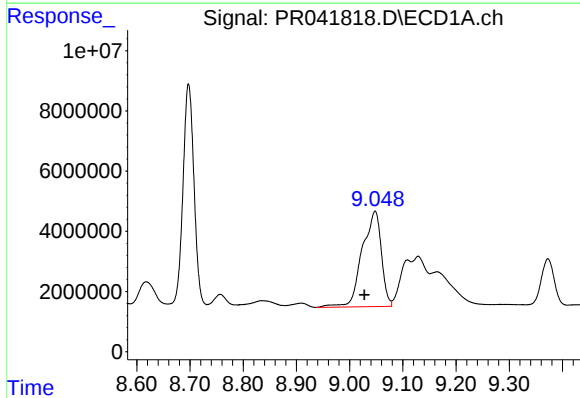
R.T.: 8.697 min
Delta R.T.: 0.001 min
Response: 108809006
Conc: 252.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



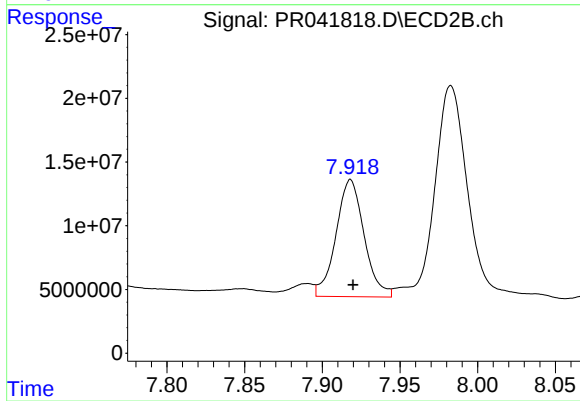
#37 AR-1262-2

R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 425939706
Conc: 247.42 ng/ml



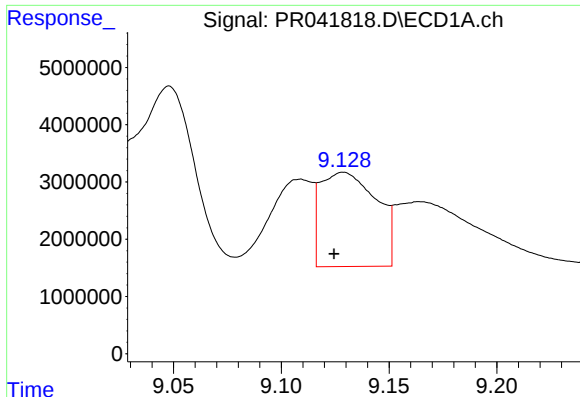
#38 AR-1262-3

R.T.: 9.048 min
Delta R.T.: 0.020 min
Response: 79458500
Conc: 285.06 ng/ml



#38 AR-1262-3

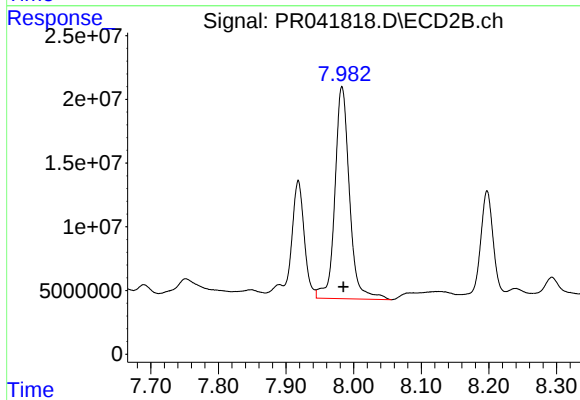
R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 115888220
Conc: 177.55 ng/ml



#39 AR-1262-4

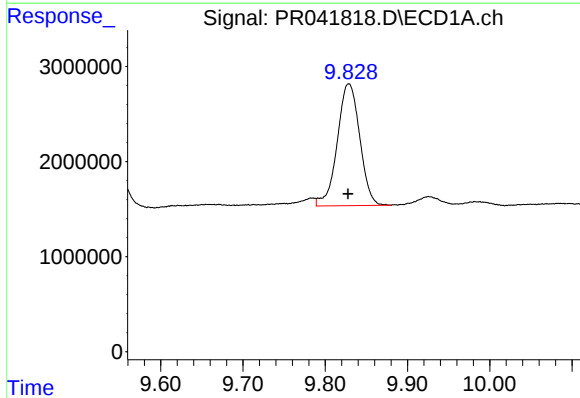
R.T.: 9.129 min
Delta R.T.: 0.004 min
Response: 29757519
Conc: 145.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



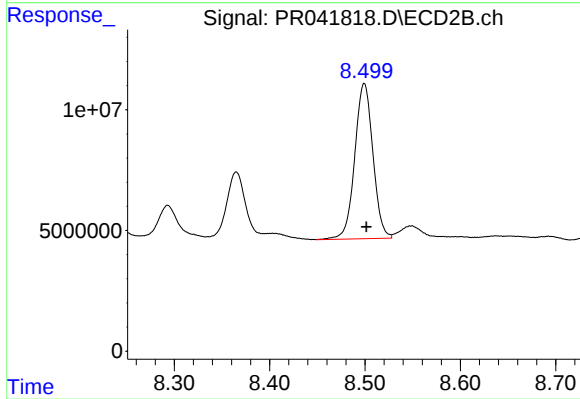
#39 AR-1262-4

R.T.: 7.983 min
Delta R.T.: -0.002 min
Response: 249763945
Conc: 213.74 ng/ml



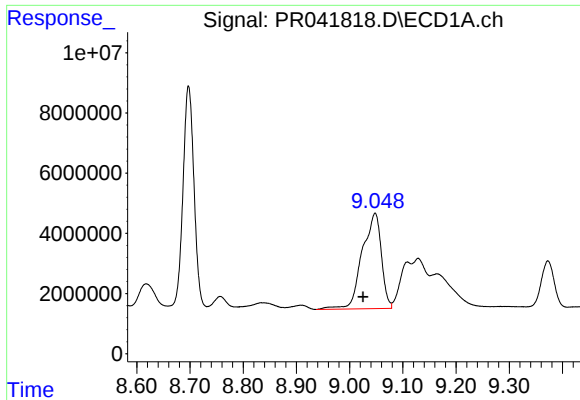
#40 AR-1262-5

R.T.: 9.829 min
Delta R.T.: 0.000 min
Response: 24314202
Conc: 168.56 ng/ml



#40 AR-1262-5

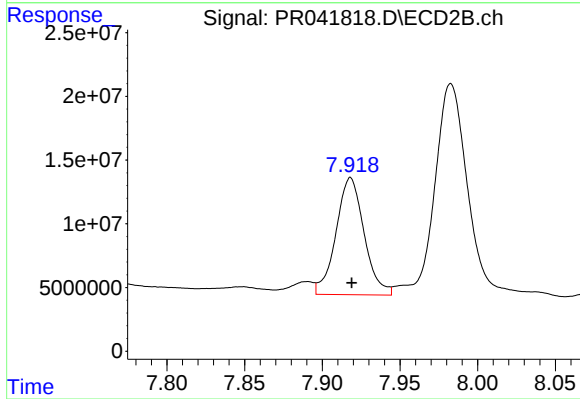
R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 85133776
Conc: 159.16 ng/ml



#41 AR-1268-1

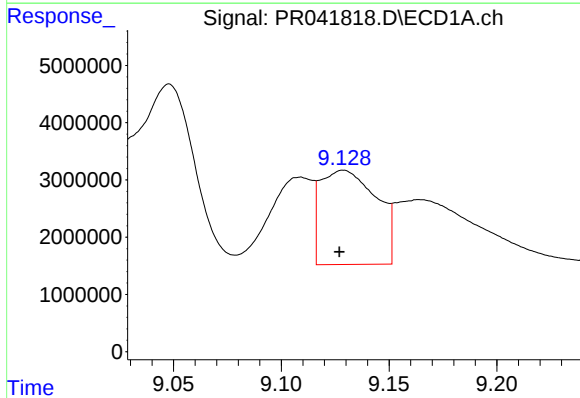
R.T.: 9.048 min
Delta R.T.: 0.023 min
Response: 79458500
Conc: 144.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



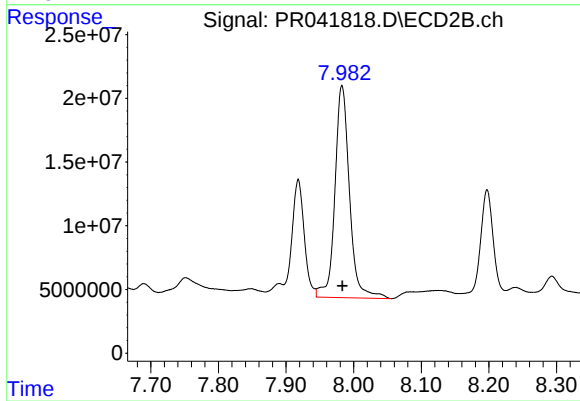
#41 AR-1268-1

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 115888220
Conc: 52.85 ng/ml



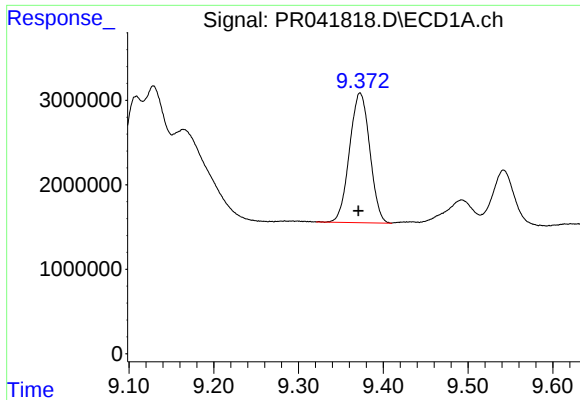
#42 AR-1268-2

R.T.: 9.129 min
Delta R.T.: 0.002 min
Response: 29757519
Conc: 59.85 ng/ml



#42 AR-1268-2

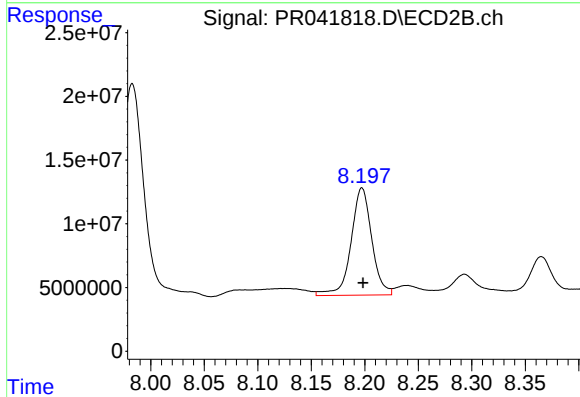
R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 249763945
Conc: 125.52 ng/ml



#43 AR-1268-3

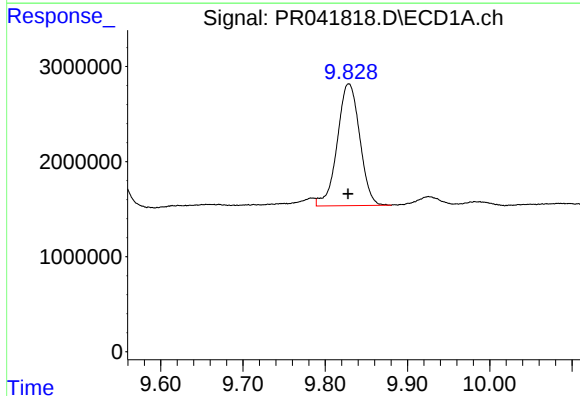
R.T.: 9.373 min
Delta R.T.: 0.002 min
Response: 25459700
Conc: 62.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



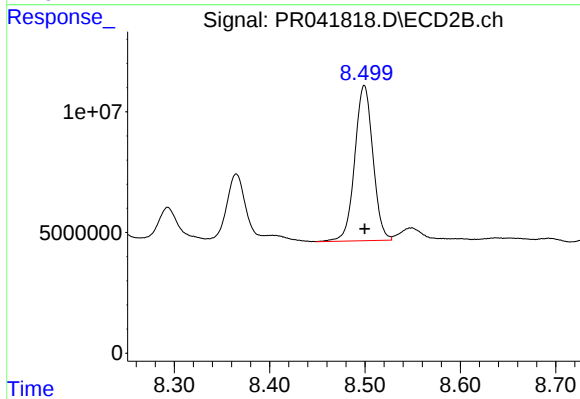
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 113609240
Conc: 67.79 ng/ml



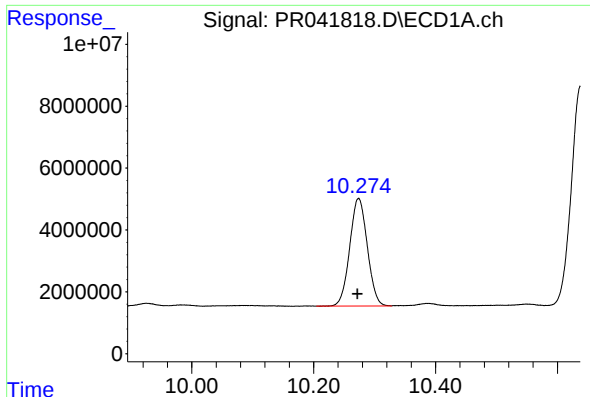
#44 AR-1268-4

R.T.: 9.829 min
Delta R.T.: 0.000 min
Response: 24314202
Conc: 138.58 ng/ml



#44 AR-1268-4

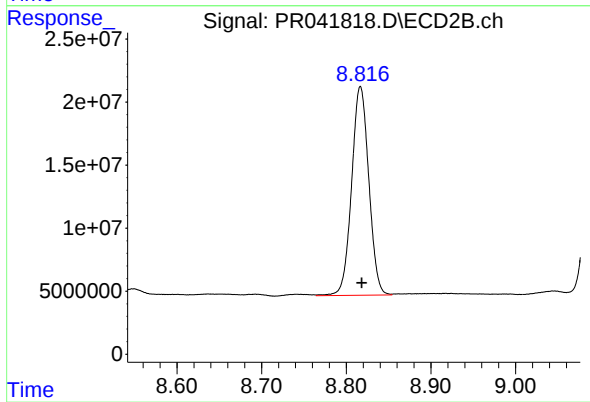
R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 85133776
Conc: 131.92 ng/ml



#45 AR-1268-5

R.T.: 10.274 min
Delta R.T.: 0.002 min
Response: 69683512
Conc: 53.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5R1MS



#45 AR-1268-5

R.T.: 8.817 min
Delta R.T.: -0.002 min
Response: 233268120
Conc: 50.83 ng/ml