

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091619\
 Data File : PR041107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2019 10:32
 Operator : SM\AJ
 Sample : K4891-01DL 40X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AS8DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 01:03:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.734	3.990	2470139	11743805	0.804	0.882
2)	SA Decachlor...	10.667	9.124	4067642	12401227	1.462	1.269
Target Compounds							
3)	L1 AR-1016-1	5.936f	5.092	36847502	23255621	326.787	87.862 #
4)	L1 AR-1016-2	5.936	5.112	36847502	50228486	231.572	136.855 #
5)	L1 AR-1016-3	6.001	5.291	4098128	30760508	43.737	151.404 #
6)	L1 AR-1016-4	6.098	5.330	11880228	601.5E6	152.238	3682.908 #
7)	L1 AR-1016-5	6.392	5.547	166.8E6	426.5E6	2140.430	1835.302
8)	L2 AR-1221-1	4.867f	0.000	1720038	0	55.847	N.D. #
10)	L2 AR-1221-3	0.000	4.416f	0	4572784	N.D.	20.195 #
11)	L3 AR-1232-1	0.000	4.416f	0	4572784	N.D.	33.782 #
12)	L3 AR-1232-2	5.644	5.112	4959339	50228486	188.533	386.649 #
13)	L3 AR-1232-3	5.936	5.291	36847502	30760508	667.412	418.761 #
14)	L3 AR-1232-4	6.098	5.373	11880228	195.3E6	424.971	2940.103 #
15)	L3 AR-1232-5	6.185	5.547	261.5E6	426.5E6	12527.452	5176.169 #
16)	L4 AR-1242-1	5.936	5.092	36847502	23255621	495.905	133.857 #
17)	L4 AR-1242-2	5.936	5.112	36847502	50228486	351.583	209.872 #
18)	L4 AR-1242-3	6.001	5.291	4098128	30760508	64.748	226.568 #
19)	L4 AR-1242-4	6.098	5.373	11880228	195.3E6	224.825	1420.196 #
20)	L4 AR-1242-5	6.839	5.903	201.3E6	2067.0E6	3194.870	9012.477 #
21)	L5 AR-1248-1	5.936	5.092	36847502	23255621	629.283	167.857 #
22)	L5 AR-1248-2	6.185	5.330	261.5E6	601.5E6	3135.260	3057.903
23)	L5 AR-1248-3	6.392	5.373	166.8E6	195.3E6	1768.562	961.196 #
24)	L5 AR-1248-4	6.796	5.547	242.8E6	426.5E6	2077.819	1617.923
25)	L5 AR-1248-5	6.839	5.945	201.3E6	327.8E6	1835.725	1037.130 #
26)	L6 AR-1254-1	6.770	5.903	624.3E6	2067.0E6	5093.096	4317.327
27)	L6 AR-1254-2	6.988	6.050	1061.0E6	2138.1E6	5541.699	4842.120
28)	L6 AR-1254-3	7.358	6.460	1328.6E6	4013.1E6	6139.533	5334.679
29)	L6 AR-1254-4	7.643	6.688	1046.9E6	2988.2E6	6426.506	5714.505
30)	L6 AR-1254-5	8.064	7.109	1314.4E6	4065.5E6	7196.100	6363.226
31)	L7 AR-1260-1	7.520	6.590	462.9E6	1843.5E6	2998.463	3618.696
32)	L7 AR-1260-2	7.775	6.777	594.7E6	1802.8E6	3232.870	2835.809
33)	L7 AR-1260-3	8.129	6.933	117.3E6	1644.2E6	844.666	2850.755 #
34)	L7 AR-1260-4	8.367	7.410	418.2E6	217.9E6	2572.106	441.380 #
35)	L7 AR-1260-5	8.717	7.649	191.8E6	564.0E6	561.195	433.467
36)	L8 AR-1262-1	8.129	7.181	117.3E6	424.3E6	517.339	517.763
37)	L8 AR-1262-2	8.717	7.649	191.8E6	564.0E6	437.808	361.430
38)	L8 AR-1262-3	9.070	7.938	126.5E6	37557448	450.493	62.194 #
39)	L8 AR-1262-4	9.123	7.999	34993854	476.1E6	172.212	426.987 #
40)	L8 AR-1262-5	9.853	8.521	14689367	52620819	101.208	100.699
41)	L9 AR-1268-1	9.070f	7.938	126.5E6	37557448	283.656	23.423 #
42)	L9 AR-1268-2	9.123	7.999	34993854	476.1E6	85.713	318.600 #
43)	L9 AR-1268-3	0.000	8.219	0	4363758	N.D.	3.492 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091619\
 Data File : PR041107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2019 10:32
 Operator : SM\AJ
 Sample : K4891-01DL 40X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

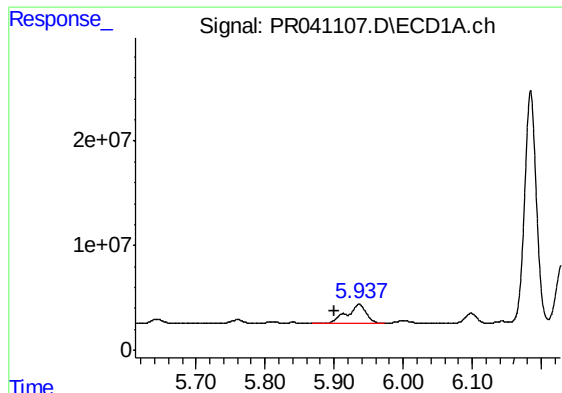
Instrument :
 ECD_R
 ClientSampleId :
 C0AS8DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 01:03:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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
44) L9	AR-1268-4	9.853	8.521	14689367	52620819	102.423	101.045
45) L9	AR-1268-5	10.299	8.841	5537126	17526208	4.881	4.751

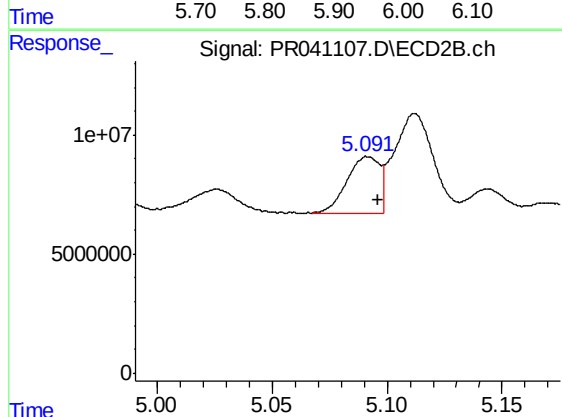
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

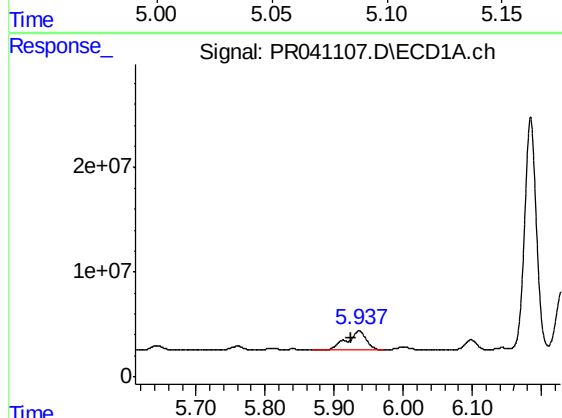
R.T.: 5.936 min
Delta R.T.: 0.035 min
Response: 36847502
Conc: 326.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



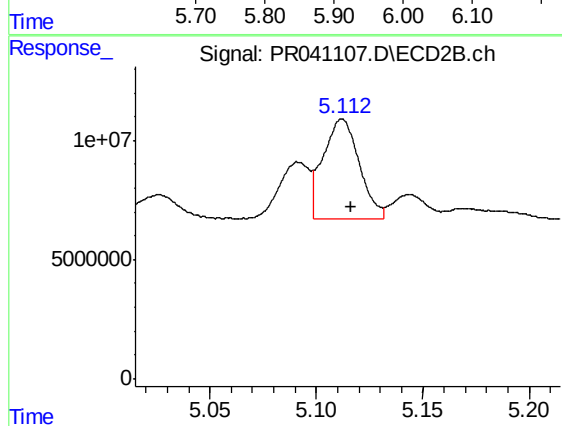
#3 AR-1016-1

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 23255621
Conc: 87.86 ng/ml



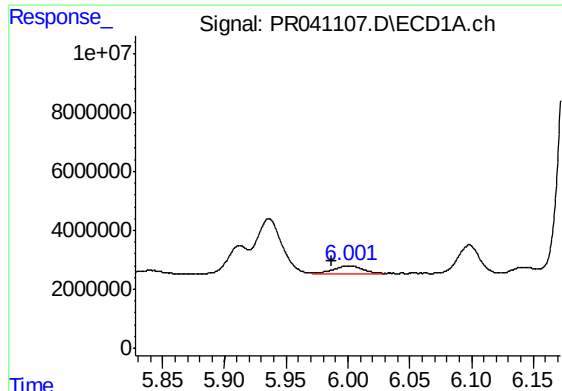
#4 AR-1016-2

R.T.: 5.936 min
Delta R.T.: 0.012 min
Response: 36847502
Conc: 231.57 ng/ml



#4 AR-1016-2

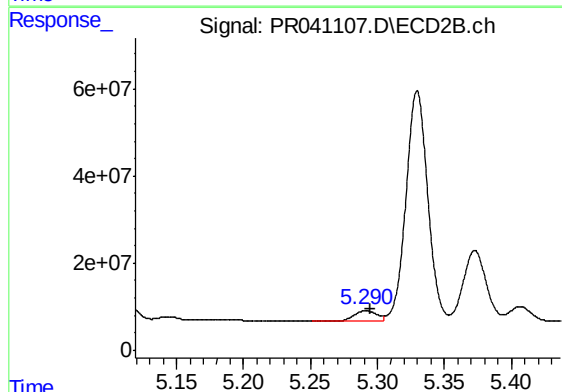
R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 50228486
Conc: 136.85 ng/ml



#5 AR-1016-3

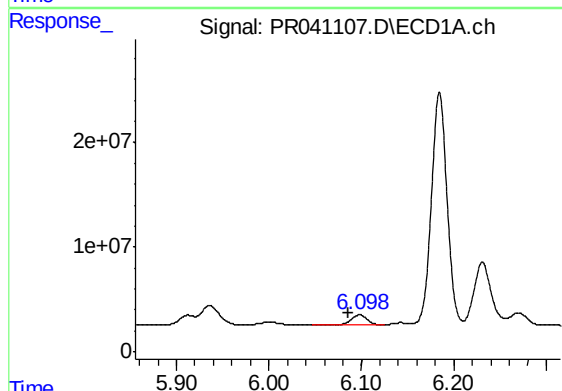
R.T.: 6.001 min
Delta R.T.: 0.014 min
Response: 4098128
Conc: 43.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



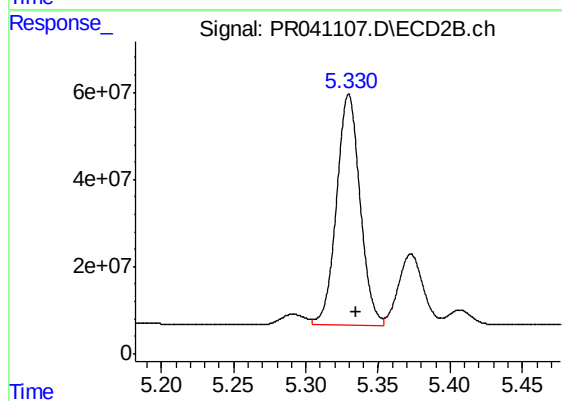
#5 AR-1016-3

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 30760508
Conc: 151.40 ng/ml



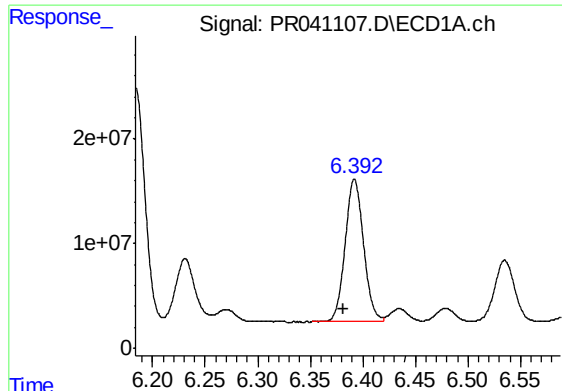
#6 AR-1016-4

R.T.: 6.098 min
Delta R.T.: 0.011 min
Response: 11880228
Conc: 152.24 ng/ml



#6 AR-1016-4

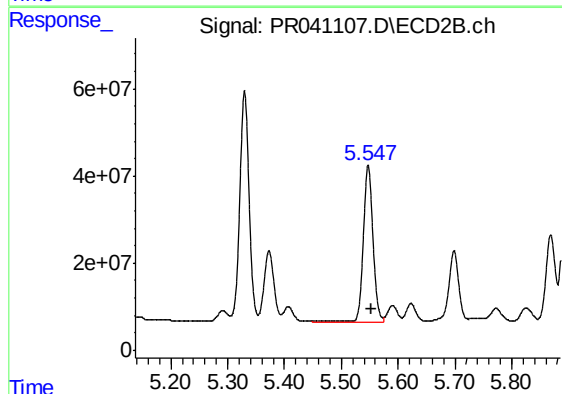
R.T.: 5.330 min
Delta R.T.: -0.005 min
Response: 601474398
Conc: 3682.91 ng/ml



#7 AR-1016-5

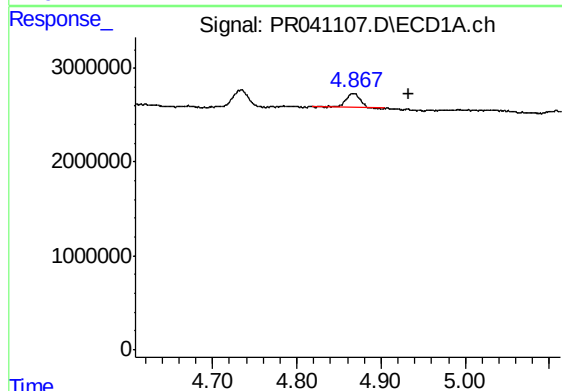
R.T.: 6.392 min
Delta R.T.: 0.011 min
Response: 166849838
Conc: 2140.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



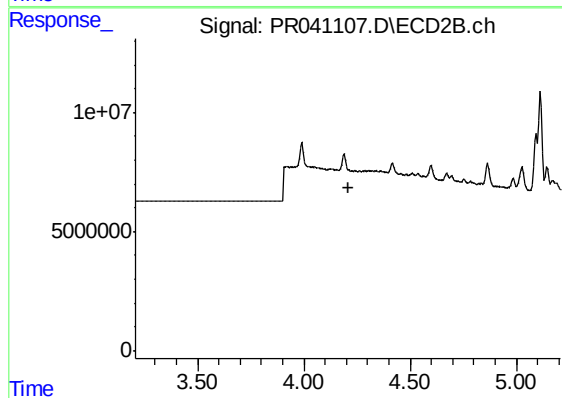
#7 AR-1016-5

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 426535037
Conc: 1835.30 ng/ml



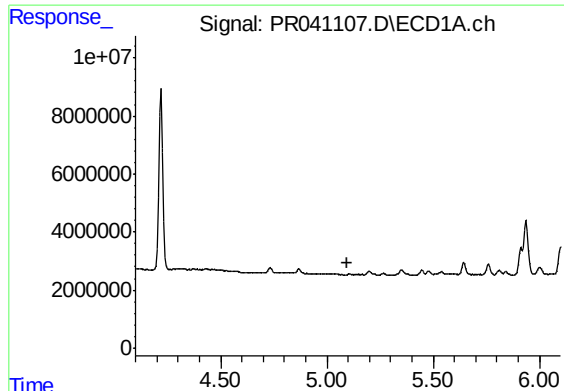
#8 AR-1221-1

R.T.: 4.867 min
Delta R.T.: -0.065 min
Response: 1720038
Conc: 55.85 ng/ml



#8 AR-1221-1

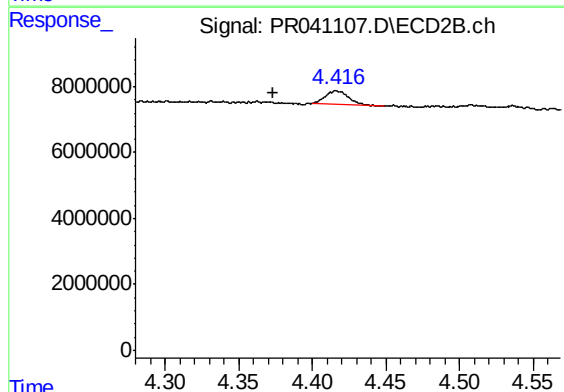
R.T.: 0.000 min
Exp R.T. : 4.207 min
Response: 0
Conc: N.D.



#10 AR-1221-3

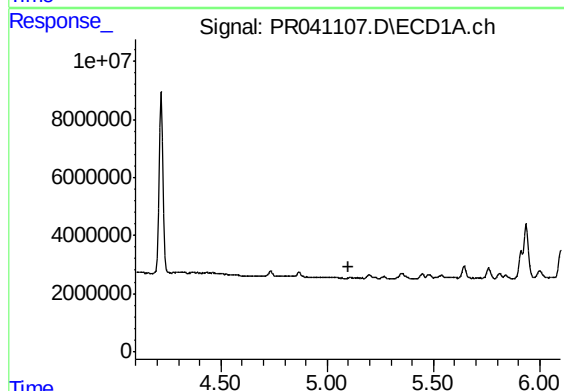
R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



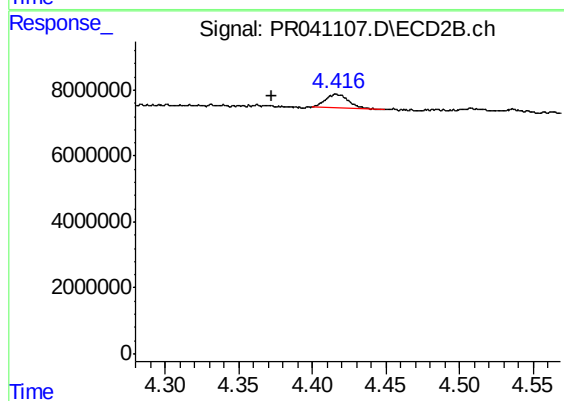
#10 AR-1221-3

R.T.: 4.416 min
Delta R.T.: 0.044 min
Response: 4572784
Conc: 20.19 ng/ml



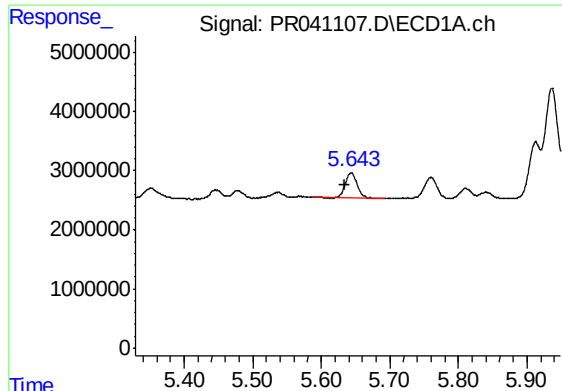
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.098 min
Response: 0
Conc: N.D.



#11 AR-1232-1

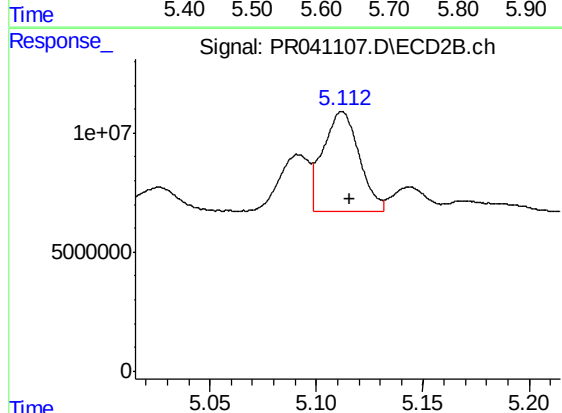
R.T.: 4.416 min
Delta R.T.: 0.044 min
Response: 4572784
Conc: 33.78 ng/ml



#12 AR-1232-2

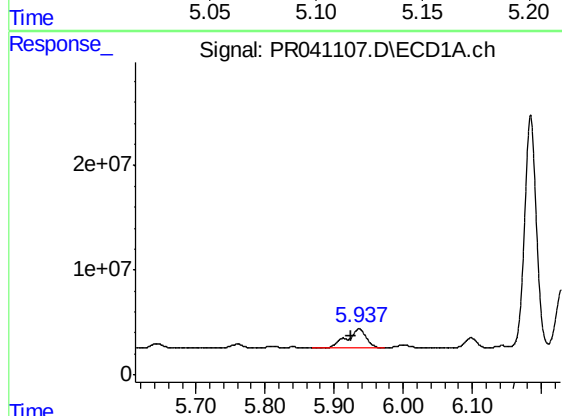
R.T.: 5.644 min
Delta R.T.: 0.010 min
Response: 4959339
Conc: 188.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



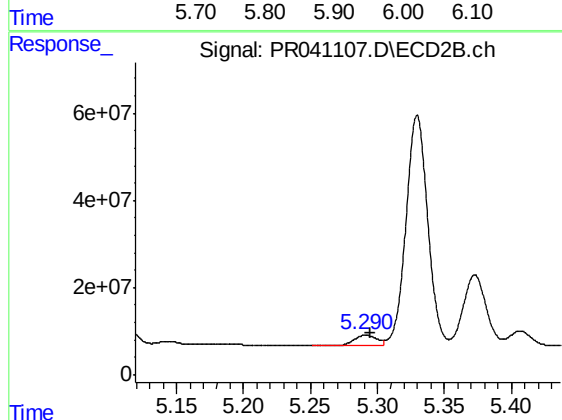
#12 AR-1232-2

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 50228486
Conc: 386.65 ng/ml



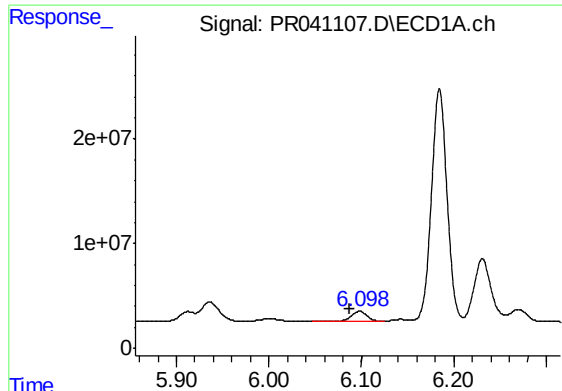
#13 AR-1232-3

R.T.: 5.936 min
Delta R.T.: 0.012 min
Response: 36847502
Conc: 667.41 ng/ml



#13 AR-1232-3

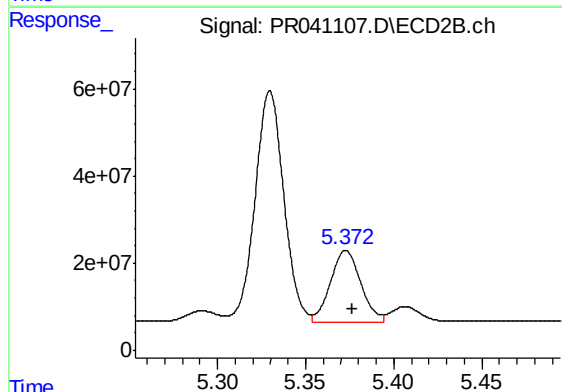
R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 30760508
Conc: 418.76 ng/ml



#14 AR-1232-4

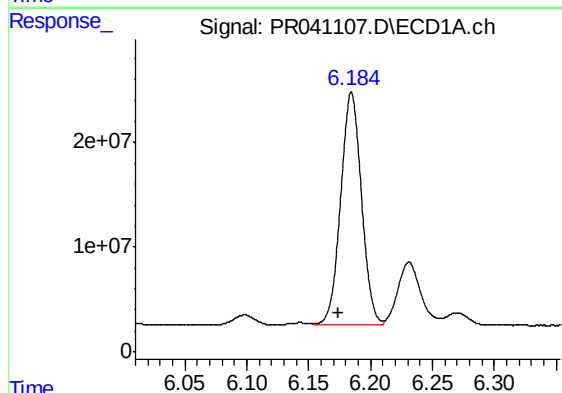
R.T.: 6.098 min
Delta R.T.: 0.011 min
Response: 11880228
Conc: 424.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



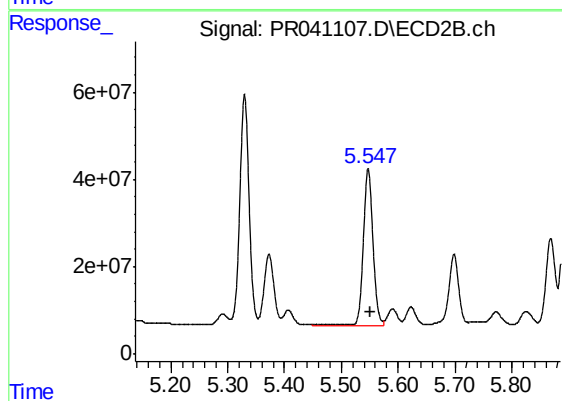
#14 AR-1232-4

R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 195290020
Conc: 2940.10 ng/ml



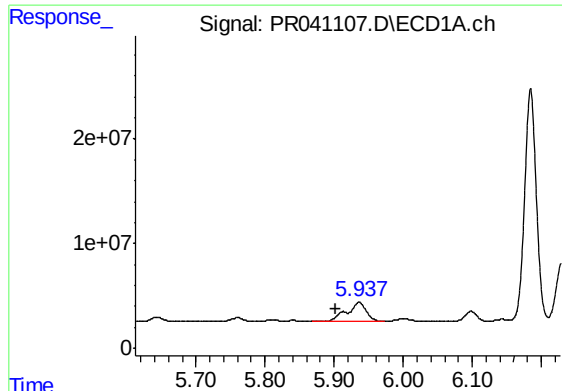
#15 AR-1232-5

R.T.: 6.185 min
Delta R.T.: 0.011 min
Response: 261458572
Conc: 12527.45 ng/ml



#15 AR-1232-5

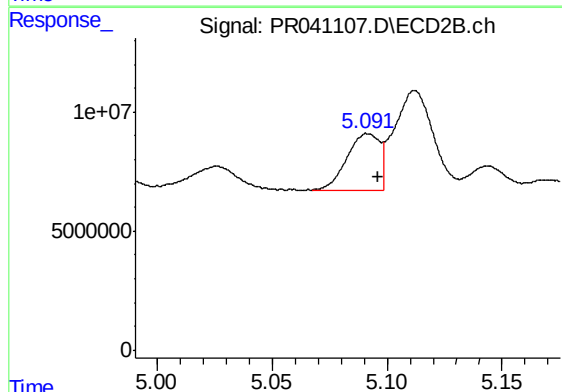
R.T.: 5.547 min
Delta R.T.: -0.003 min
Response: 426535037
Conc: 5176.17 ng/ml



#16 AR-1242-1

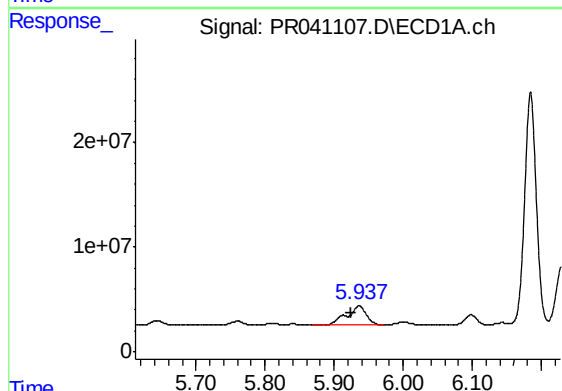
R.T.: 5.936 min
Delta R.T.: 0.034 min
Response: 36847502
Conc: 495.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



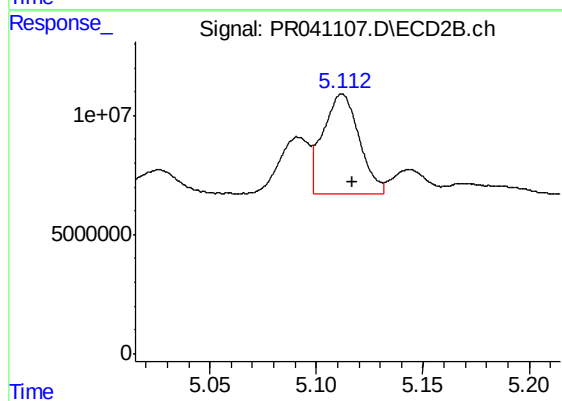
#16 AR-1242-1

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 23255621
Conc: 133.86 ng/ml



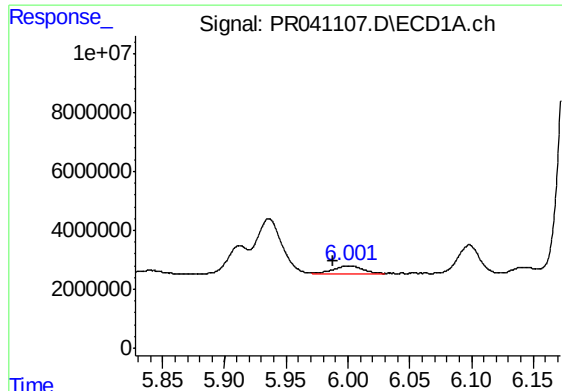
#17 AR-1242-2

R.T.: 5.936 min
Delta R.T.: 0.011 min
Response: 36847502
Conc: 351.58 ng/ml



#17 AR-1242-2

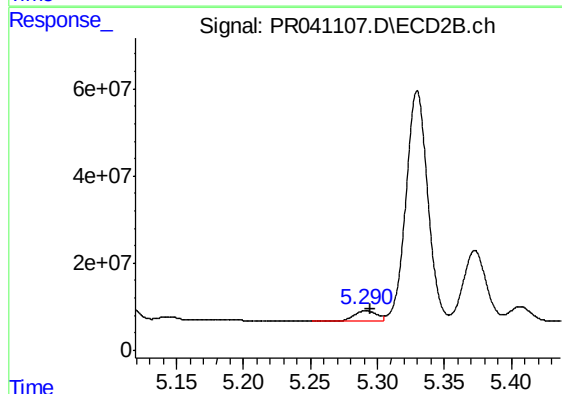
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 50228486
Conc: 209.87 ng/ml



#18 AR-1242-3

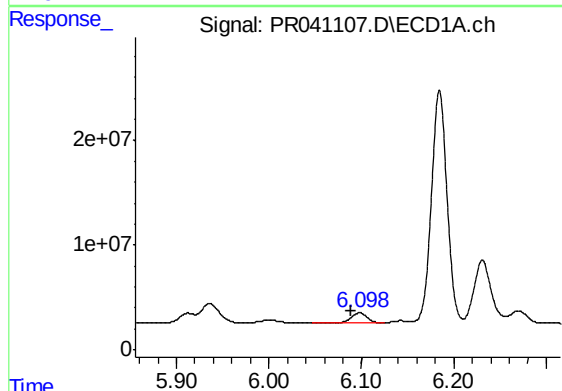
R.T.: 6.001 min
Delta R.T.: 0.012 min
Response: 4098128
Conc: 64.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



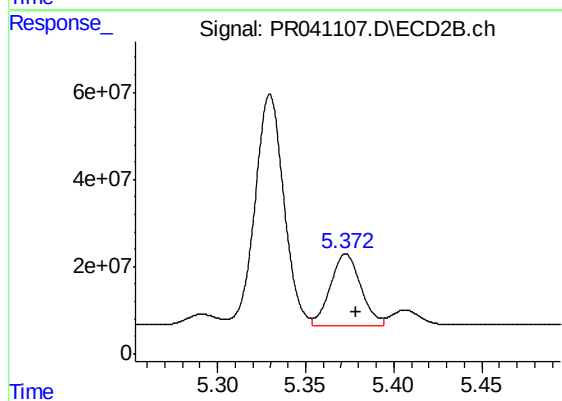
#18 AR-1242-3

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 30760508
Conc: 226.57 ng/ml



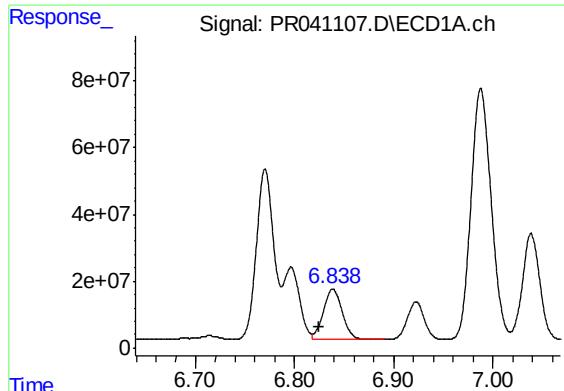
#19 AR-1242-4

R.T.: 6.098 min
Delta R.T.: 0.010 min
Response: 11880228
Conc: 224.83 ng/ml



#19 AR-1242-4

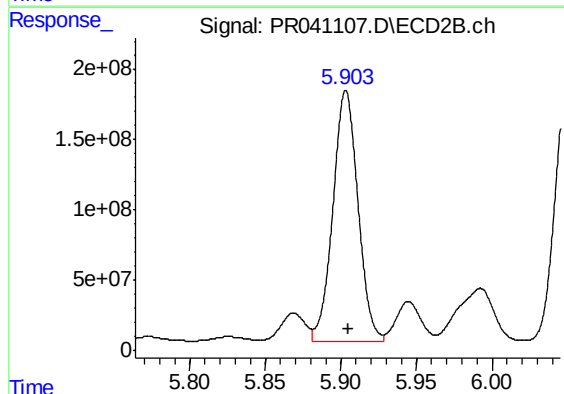
R.T.: 5.373 min
Delta R.T.: -0.006 min
Response: 195290020
Conc: 1420.20 ng/ml



#20 AR-1242-5

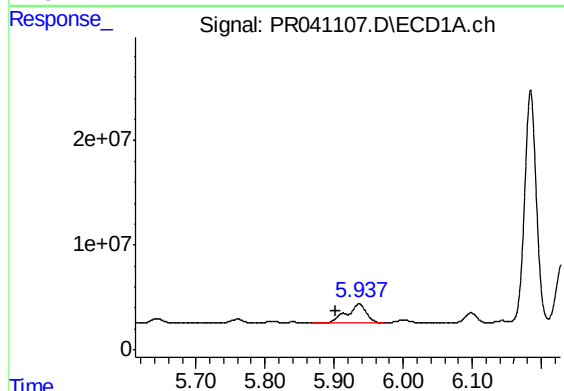
R.T.: 6.839 min
Delta R.T.: 0.013 min
Response: 201314525
Conc: 3194.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



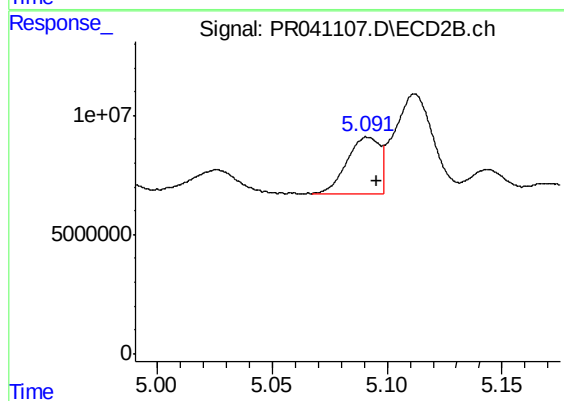
#20 AR-1242-5

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 2066976028
Conc: 9012.48 ng/ml



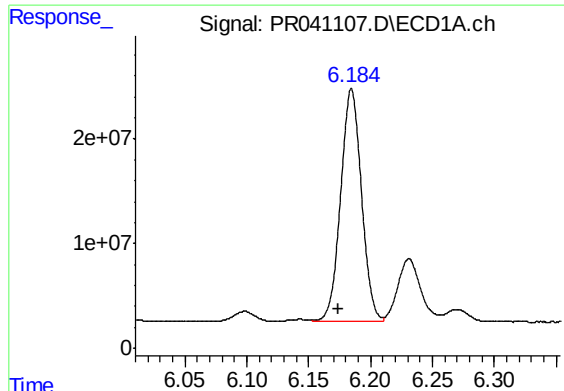
#21 AR-1248-1

R.T.: 5.936 min
Delta R.T.: 0.034 min
Response: 36847502
Conc: 629.28 ng/ml



#21 AR-1248-1

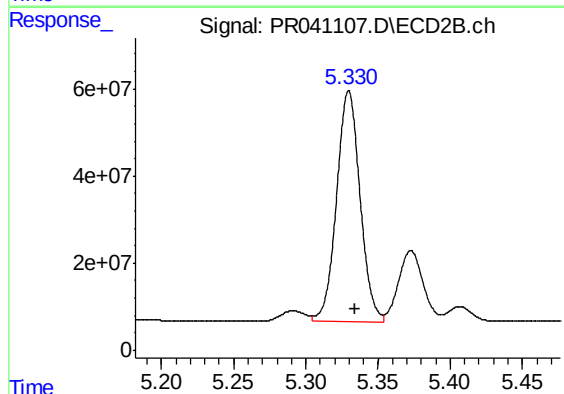
R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 23255621
Conc: 167.86 ng/ml



#22 AR-1248-2

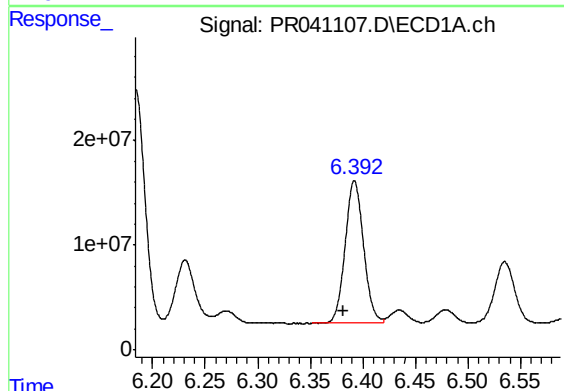
R.T.: 6.185 min
Delta R.T.: 0.010 min
Response: 261458572
Conc: 3135.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



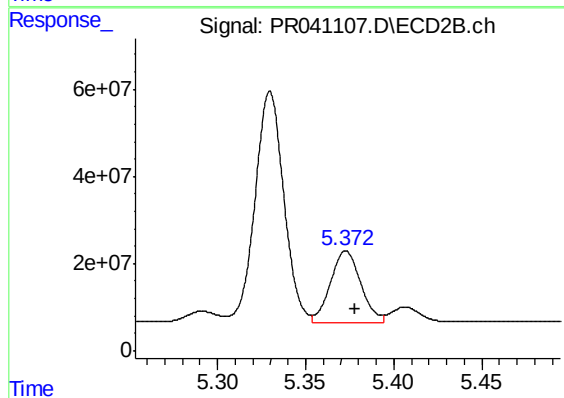
#22 AR-1248-2

R.T.: 5.330 min
Delta R.T.: -0.004 min
Response: 601474398
Conc: 3057.90 ng/ml



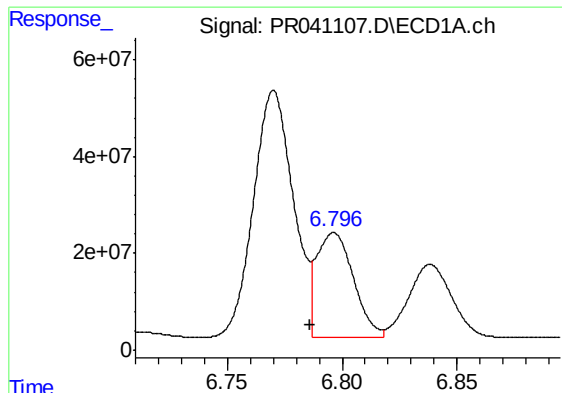
#23 AR-1248-3

R.T.: 6.392 min
Delta R.T.: 0.011 min
Response: 166849838
Conc: 1768.56 ng/ml



#23 AR-1248-3

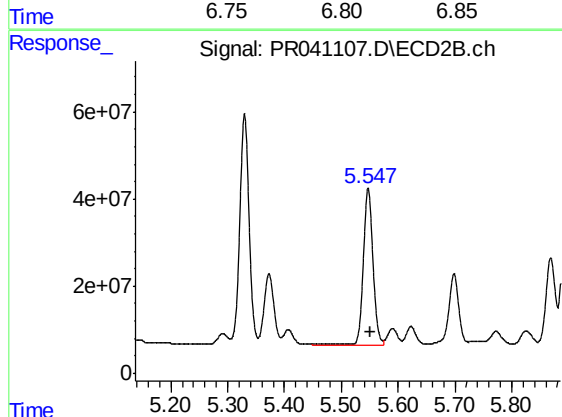
R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 195290020
Conc: 961.20 ng/ml



#24 AR-1248-4

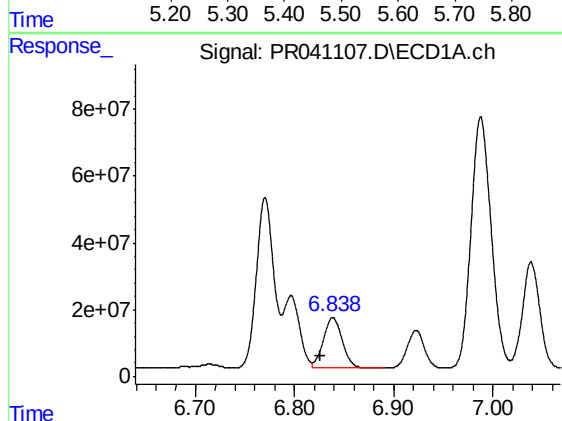
R.T.: 6.796 min
Delta R.T.: 0.010 min
Response: 242832510
Conc: 2077.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



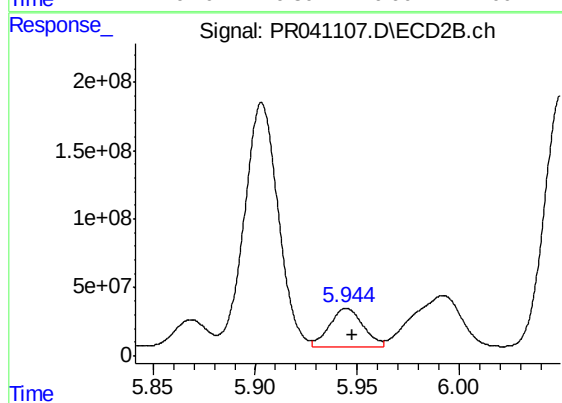
#24 AR-1248-4

R.T.: 5.547 min
Delta R.T.: -0.004 min
Response: 426535037
Conc: 1617.92 ng/ml



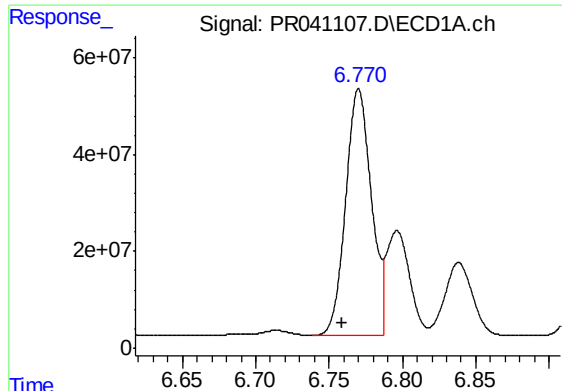
#25 AR-1248-5

R.T.: 6.839 min
Delta R.T.: 0.013 min
Response: 201314525
Conc: 1835.72 ng/ml



#25 AR-1248-5

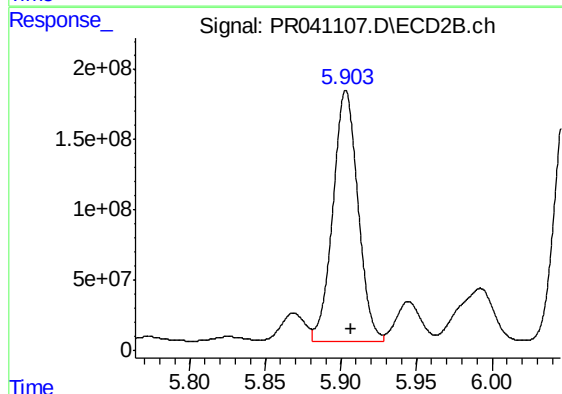
R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 327761813
Conc: 1037.13 ng/ml



#26 AR-1254-1

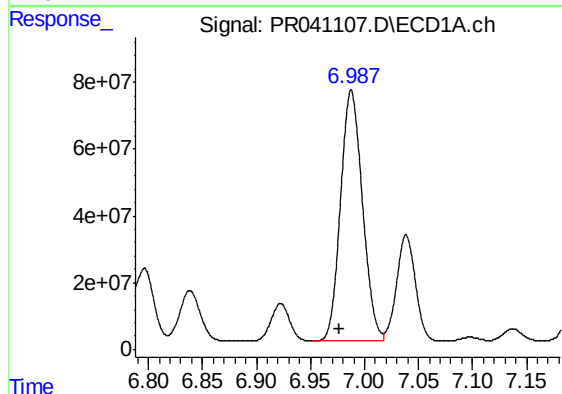
R.T.: 6.770 min
Delta R.T.: 0.011 min
Response: 624300059
Conc: 5093.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



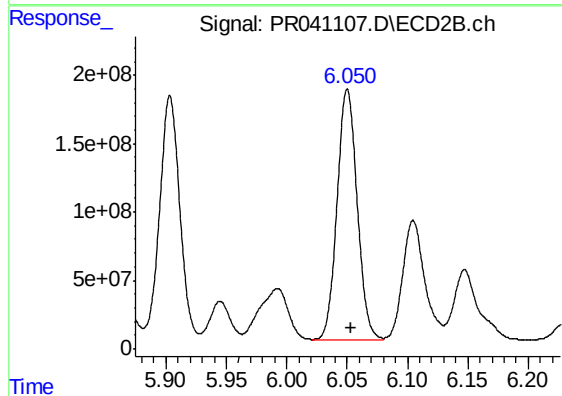
#26 AR-1254-1

R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 2066976028
Conc: 4317.33 ng/ml



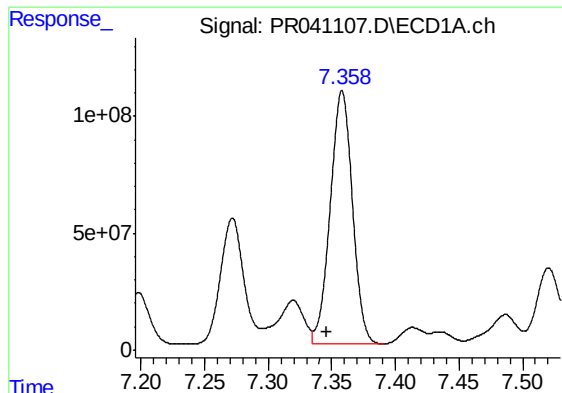
#27 AR-1254-2

R.T.: 6.988 min
Delta R.T.: 0.011 min
Response: 1061023414
Conc: 5541.70 ng/ml



#27 AR-1254-2

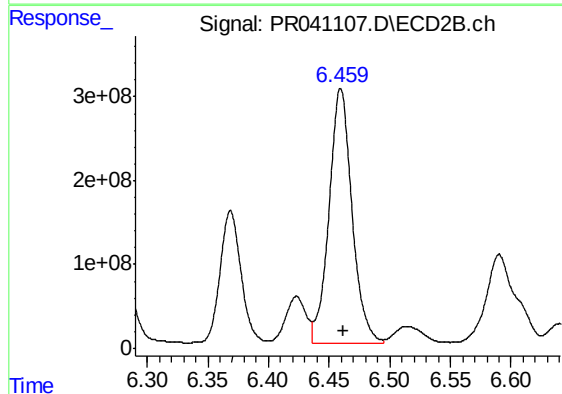
R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 2138121256
Conc: 4842.12 ng/ml



#28 AR-1254-3

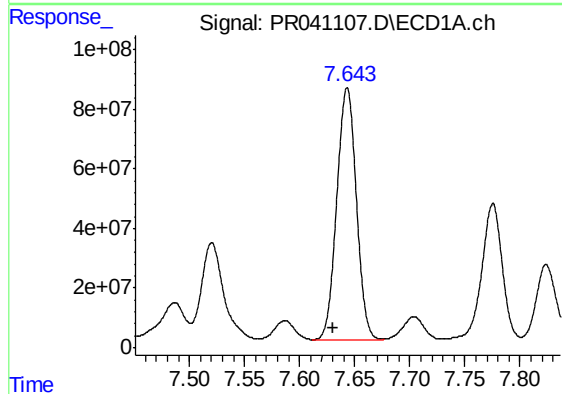
R.T.: 7.358 min
Delta R.T.: 0.012 min
Response: 1328634781
Conc: 6139.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



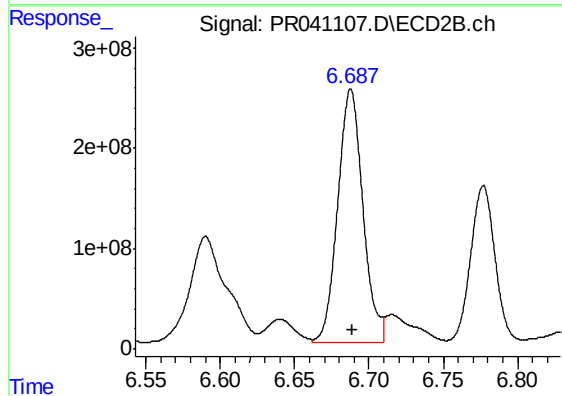
#28 AR-1254-3

R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 4013088911
Conc: 5334.68 ng/ml



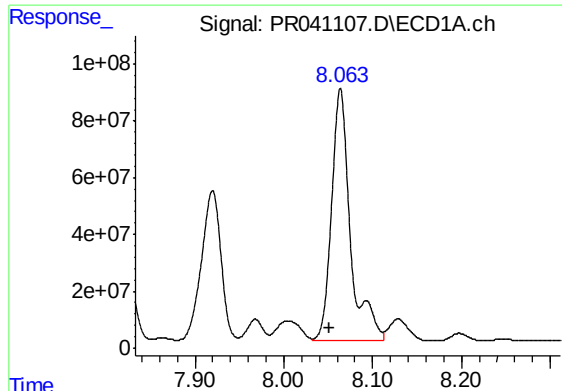
#29 AR-1254-4

R.T.: 7.643 min
Delta R.T.: 0.012 min
Response: 1046875070
Conc: 6426.51 ng/ml



#29 AR-1254-4

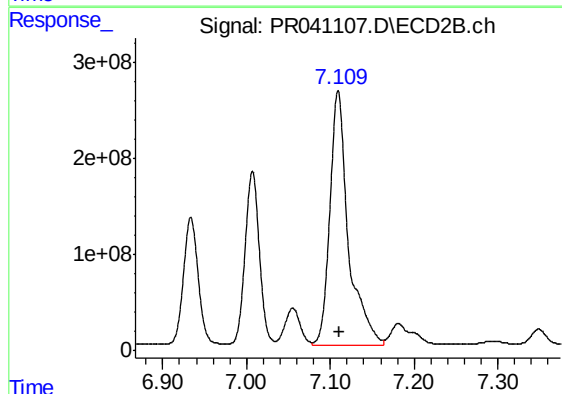
R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 2988172431
Conc: 5714.51 ng/ml



#30 AR-1254-5

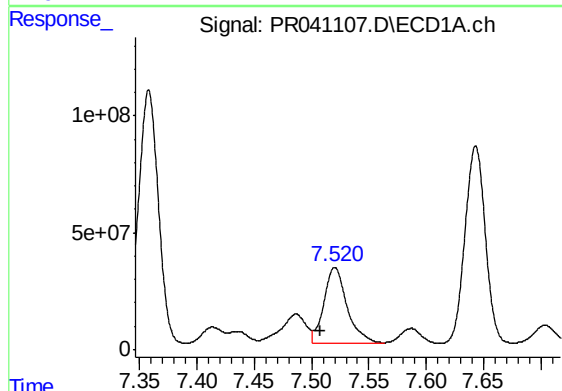
R.T.: 8.064 min
Delta R.T.: 0.012 min
Response: 1314443793
Conc: 7196.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



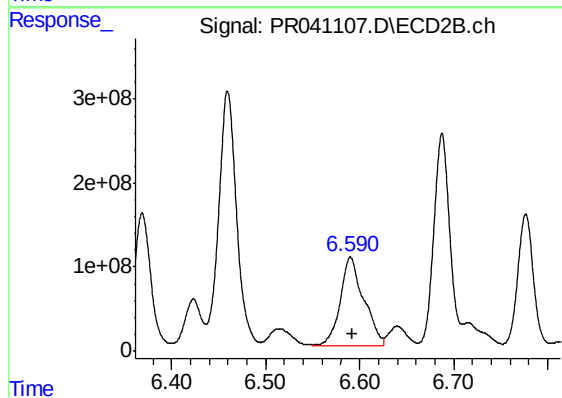
#30 AR-1254-5

R.T.: 7.109 min
Delta R.T.: -0.001 min
Response: 4065464706
Conc: 6363.23 ng/ml



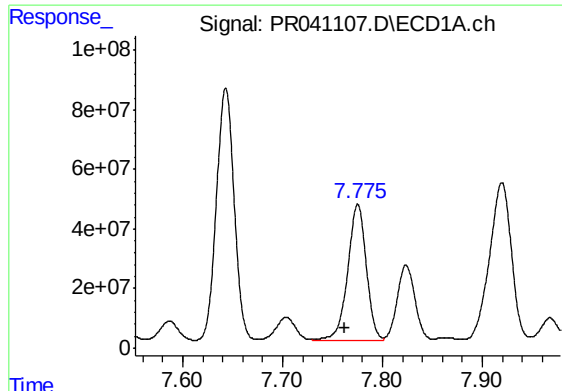
#31 AR-1260-1

R.T.: 7.520 min
Delta R.T.: 0.013 min
Response: 462881088
Conc: 2998.46 ng/ml



#31 AR-1260-1

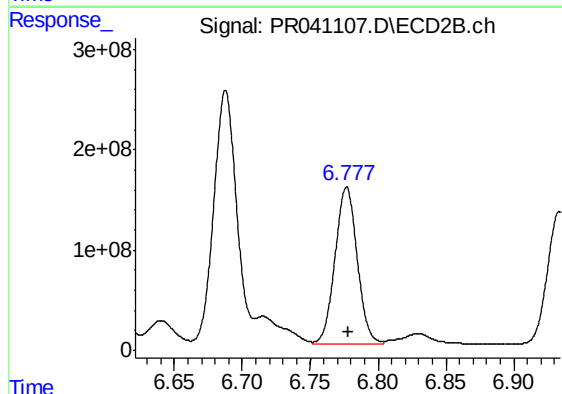
R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 1843533292
Conc: 3618.70 ng/ml



#32 AR-1260-2

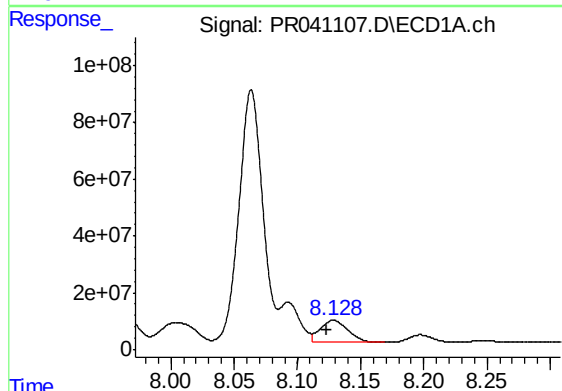
R.T.: 7.775 min
Delta R.T.: 0.013 min
Response: 594740231
Conc: 3232.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



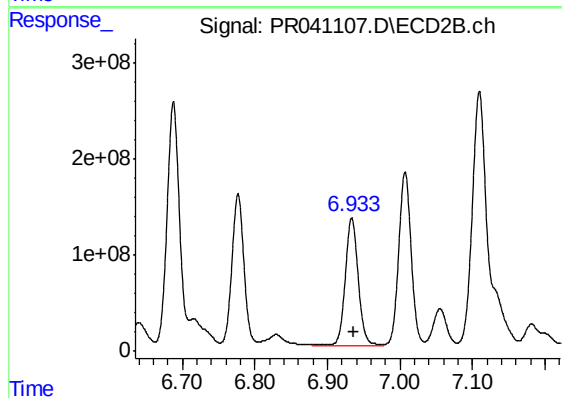
#32 AR-1260-2

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 1802767210
Conc: 2835.81 ng/ml



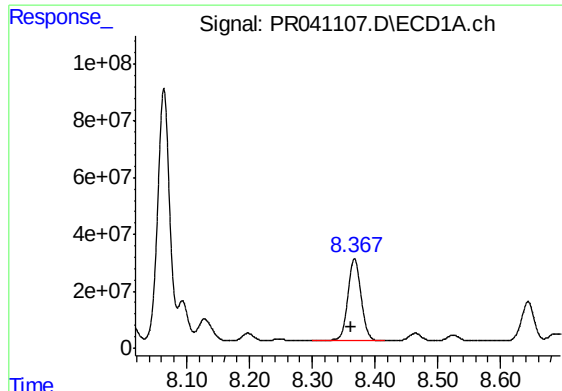
#33 AR-1260-3

R.T.: 8.129 min
Delta R.T.: 0.006 min
Response: 117263771
Conc: 844.67 ng/ml



#33 AR-1260-3

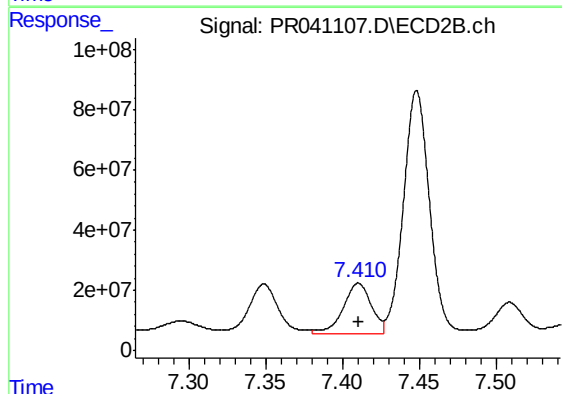
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 1644186124
Conc: 2850.76 ng/ml



#34 AR-1260-4

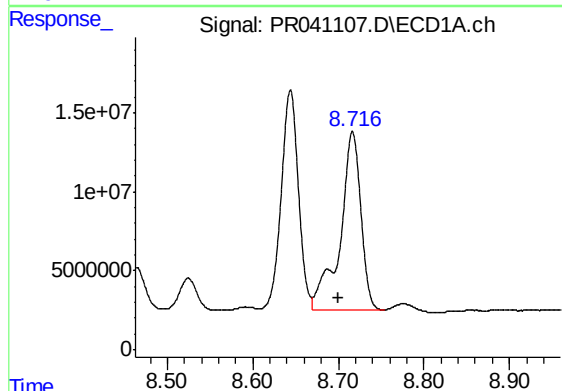
R.T.: 8.367 min
Delta R.T.: 0.005 min
Response: 418220479
Conc: 2572.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



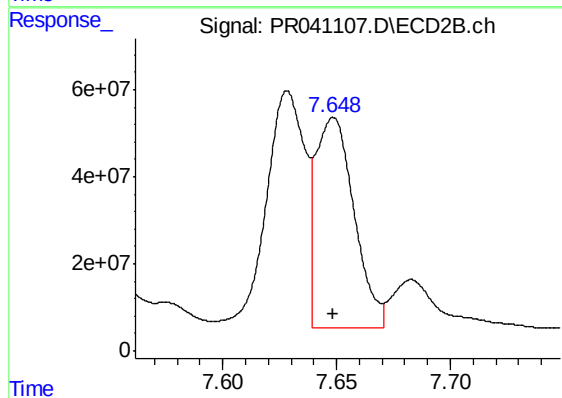
#34 AR-1260-4

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 217915136
Conc: 441.38 ng/ml



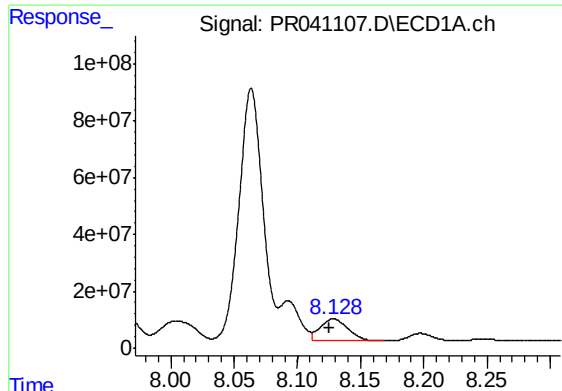
#35 AR-1260-5

R.T.: 8.717 min
Delta R.T.: 0.016 min
Response: 191829772
Conc: 561.19 ng/ml



#35 AR-1260-5

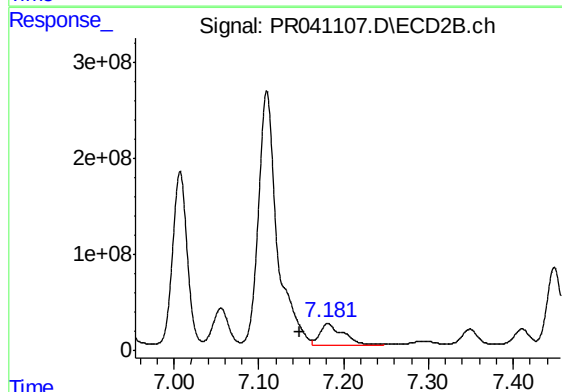
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 563969321
Conc: 433.47 ng/ml



#36 AR-1262-1

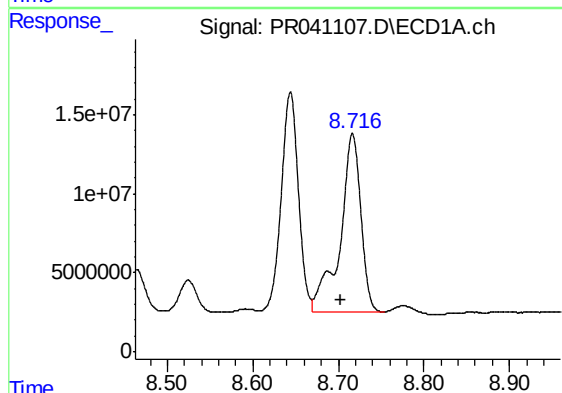
R.T.: 8.129 min
Delta R.T.: 0.004 min
Response: 117263771
Conc: 517.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



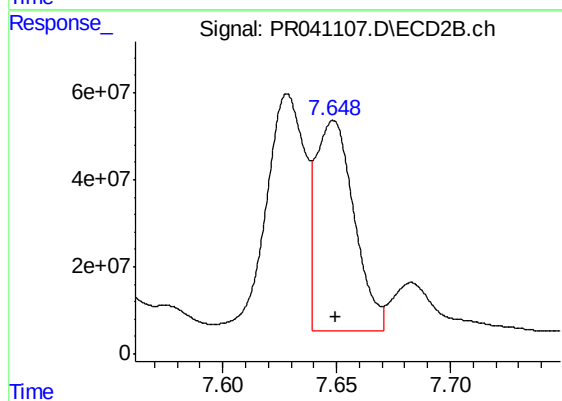
#36 AR-1262-1

R.T.: 7.181 min
Delta R.T.: 0.033 min
Response: 424336997
Conc: 517.76 ng/ml



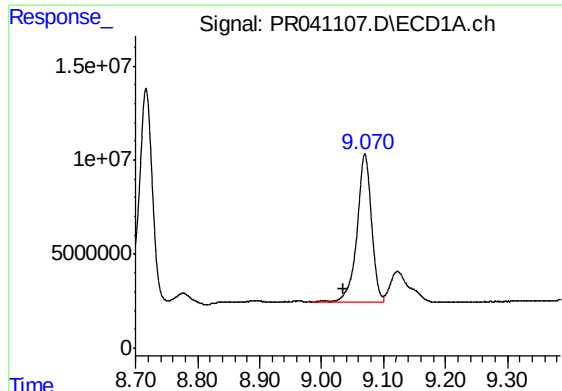
#37 AR-1262-2

R.T.: 8.717 min
Delta R.T.: 0.013 min
Response: 191829772
Conc: 437.81 ng/ml



#37 AR-1262-2

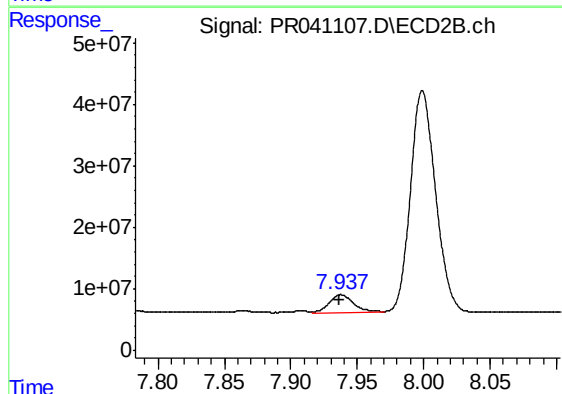
R.T.: 7.649 min
Delta R.T.: -0.001 min
Response: 563969321
Conc: 361.43 ng/ml



#38 AR-1262-3

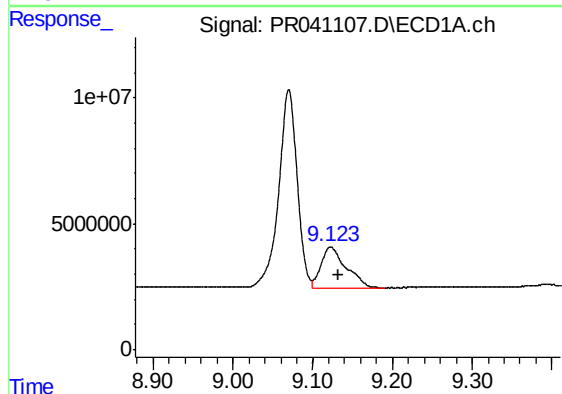
R.T.: 9.070 min
Delta R.T.: 0.035 min
Response: 126472050
Conc: 450.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



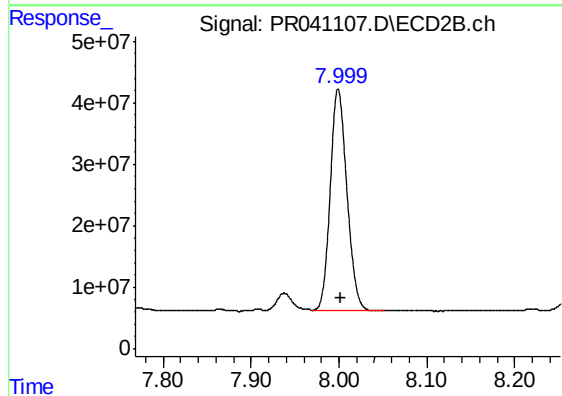
#38 AR-1262-3

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 37557448
Conc: 62.19 ng/ml



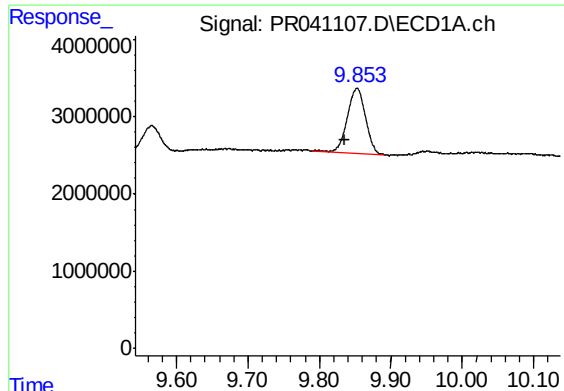
#39 AR-1262-4

R.T.: 9.123 min
Delta R.T.: -0.010 min
Response: 34993854
Conc: 172.21 ng/ml



#39 AR-1262-4

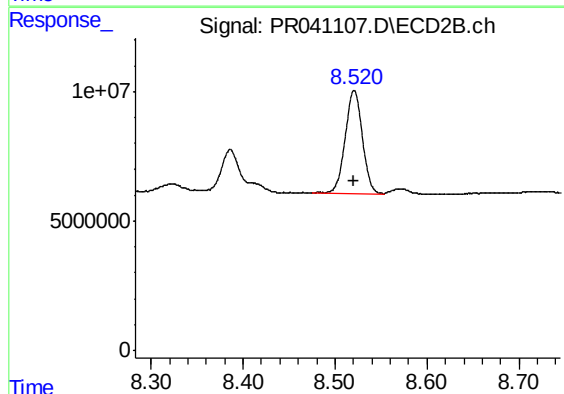
R.T.: 7.999 min
Delta R.T.: -0.003 min
Response: 476137657
Conc: 426.99 ng/ml



#40 AR-1262-5

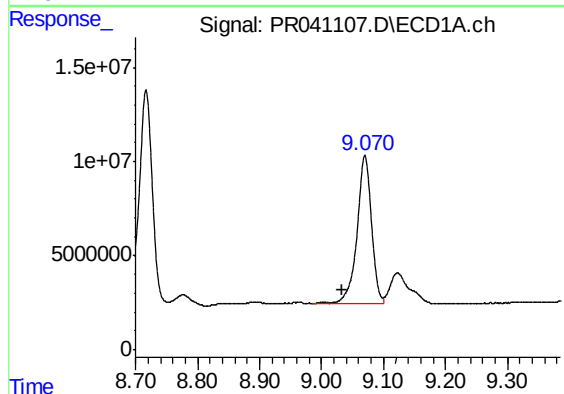
R.T.: 9.853 min
Delta R.T.: 0.017 min
Response: 14689367
Conc: 101.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



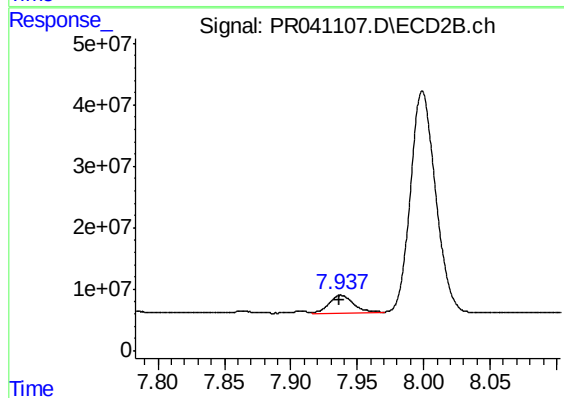
#40 AR-1262-5

R.T.: 8.521 min
Delta R.T.: 0.001 min
Response: 52620819
Conc: 100.70 ng/ml



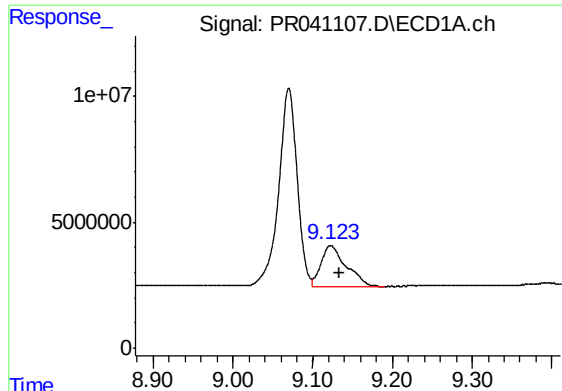
#41 AR-1268-1

R.T.: 9.070 min
Delta R.T.: 0.038 min
Response: 126472050
Conc: 283.66 ng/ml



#41 AR-1268-1

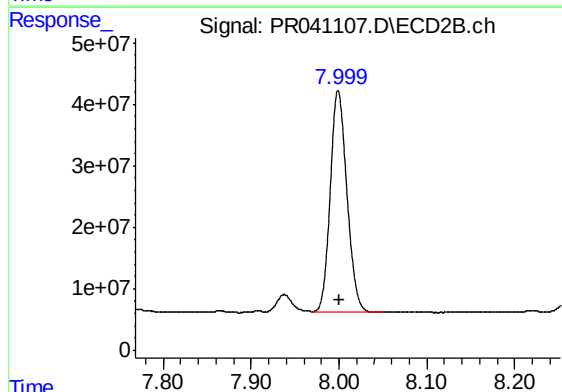
R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 37557448
Conc: 23.42 ng/ml



#42 AR-1268-2

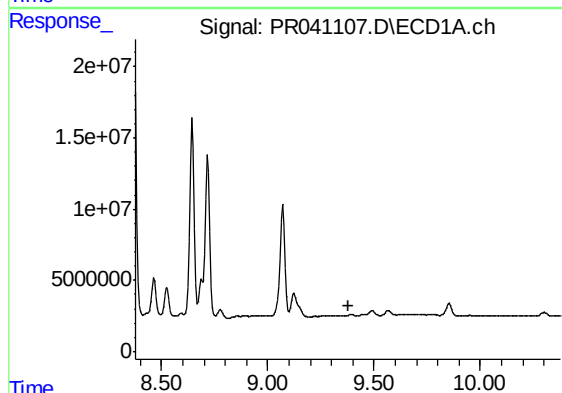
R.T.: 9.123 min
Delta R.T.: -0.011 min
Response: 34993854
Conc: 85.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



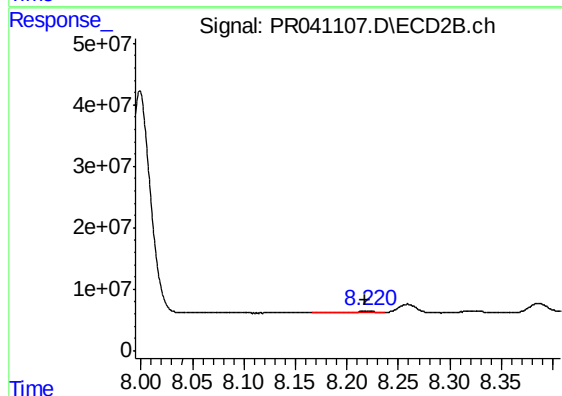
#42 AR-1268-2

R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 476137657
Conc: 318.60 ng/ml



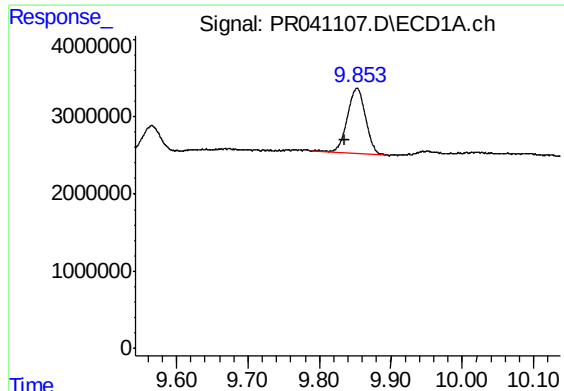
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.378 min
Response: 0
Conc: N.D.



#43 AR-1268-3

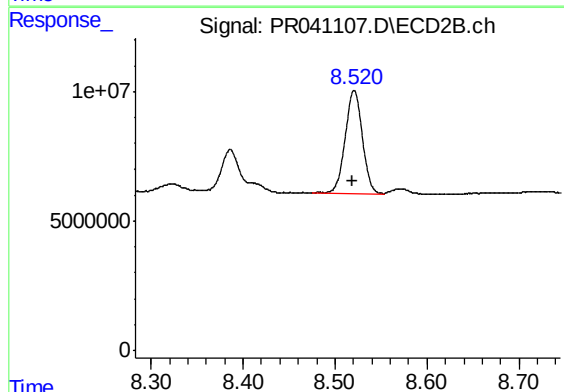
R.T.: 8.219 min
Delta R.T.: 0.002 min
Response: 4363758
Conc: 3.49 ng/ml



#44 AR-1268-4

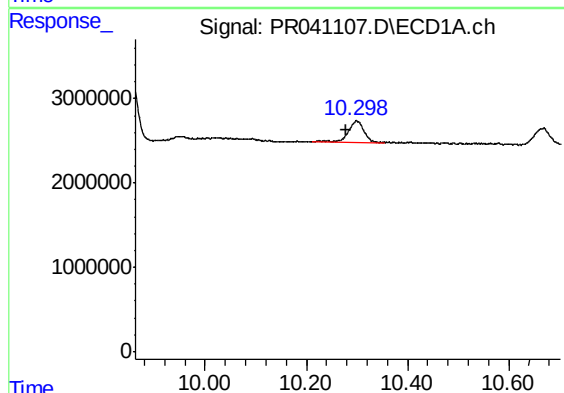
R.T.: 9.853 min
Delta R.T.: 0.018 min
Response: 14689367
Conc: 102.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS8DL



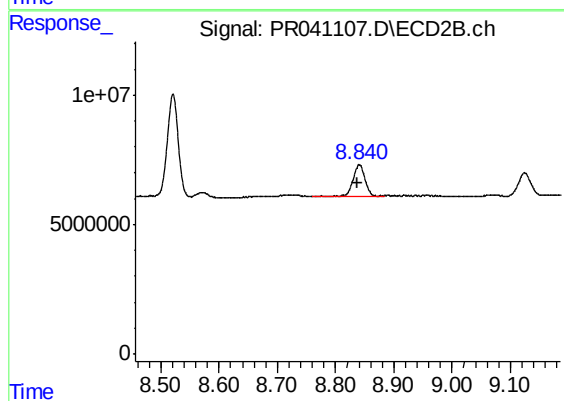
#44 AR-1268-4

R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 52620819
Conc: 101.04 ng/ml



#45 AR-1268-5

R.T.: 10.299 min
Delta R.T.: 0.020 min
Response: 5537126
Conc: 4.88 ng/ml



#45 AR-1268-5

R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 17526208
Conc: 4.75 ng/ml