

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR093019\
 Data File : PR041623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2019 09:37
 Operator : SM\AJ
 Sample : K5027-05 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AW7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 12:17:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 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...	4.741	4.003	19880984	90542103	14.977	14.968
2)	SA Decachlor...	10.667	9.122	74835943	249.5E6	23.446	23.128
Target Compounds							
3)	L1 AR-1016-1	5.916	5.101	8849079	17781952	138.382	120.678
4)	L1 AR-1016-2	5.939	5.122	22980941	46333026	252.365	225.047
5)	L1 AR-1016-3	6.006	5.299	1516364	21770461	27.633	183.968 #
6)	L1 AR-1016-4	6.102	5.338	9112486	197.8E6	189.984	2030.198 #
7)	L1 AR-1016-5	6.395	5.556	39769754	99135458	803.886	713.084
8)	L2 AR-1221-1	0.000	4.174f	0	148994	N.D.	2.599 #
9)	L2 AR-1221-2	0.000	4.309	0	763099	N.D.	21.881 #
10)	L2 AR-1221-3	0.000	4.428f	0	801104	N.D.	7.555 #
11)	L3 AR-1232-1	0.000	4.428f	0	801104	N.D.	9.939 #
12)	L3 AR-1232-2	5.648	5.122	2929415	46333026	179.060	476.408 #
13)	L3 AR-1232-3	5.939	5.299	22980941	21770461	606.162	484.827
14)	L3 AR-1232-4	6.102	5.381	9112486	85162736	493.857	2033.185 #
15)	L3 AR-1232-5	6.188	5.556	86018843	99135458	6225.271	1853.203 #
16)	L4 AR-1242-1	5.916	5.101	8849079	17781952	172.039	158.581
17)	L4 AR-1242-2	5.939	5.122	22980941	46333026	315.304	289.783
18)	L4 AR-1242-3	6.006	5.299	1516364	21770461	34.294	240.011 #
19)	L4 AR-1242-4	6.102	5.381	9112486	85162736	248.401	904.972 #
20)	L4 AR-1242-5	6.840	5.910	120.8E6	948.1E6	2356.781	5588.715 #
21)	L5 AR-1248-1	5.916	5.101	8849079	17781952	241.081	210.967
22)	L5 AR-1248-2	6.188	5.338	86018843	197.8E6	1561.632	1626.046
23)	L5 AR-1248-3	6.395	5.381	39769754	85162736	619.368	671.743
24)	L5 AR-1248-4	6.799	5.556	139.9E6	99135458	1639.247	590.631 #
25)	L5 AR-1248-5	6.840	5.951	120.8E6	215.7E6	1482.539	990.733 #
26)	L6 AR-1254-1	6.772	5.910	263.6E6	948.1E6	3168.171	2923.398
27)	L6 AR-1254-2	6.989	6.057	541.5E6	1205.1E6	3853.595	3944.771
28)	L6 AR-1254-3	7.359	6.464	860.1E6	2507.5E6	5076.130	4481.100
29)	L6 AR-1254-4	7.644	6.692	780.8E6	2460.1E6	5751.861	5764.650
30)	L6 AR-1254-5	8.064	7.112	1024.9E6	3447.4E6	6664.974	5958.977
31)	L7 AR-1260-1	7.521	6.594	328.7E6	1177.0E6	2776.105	3022.031
32)	L7 AR-1260-2	7.775	6.780	496.5E6	1427.9E6	3364.486	2648.721
33)	L7 AR-1260-3	8.130	6.937	100.8E6	1136.6E6	869.535	2433.327 #
34)	L7 AR-1260-4	8.368	7.411	403.3E6	167.3E6	2824.466	394.633 #
35)	L7 AR-1260-5	8.716	7.649	179.3E6	602.2E6	582.105	494.404
36)	L8 AR-1262-1	8.197	7.112	28637620	3447.4E6	371.823	10299.794 #
37)	L8 AR-1262-2	8.716	7.649	179.3E6	602.2E6	473.024	436.099
38)	L8 AR-1262-3	9.070	7.938	137.6E6	88433008	521.811	154.619 #
39)	L8 AR-1262-4	9.124	7.999	45805798	517.2E6	231.967	510.326 #
40)	L8 AR-1262-5	9.852	8.519	27814413	99289070	177.643	177.368
41)	L9 AR-1268-1	9.070	7.938	137.6E6	88433008	286.097	52.257 #
42)	L9 AR-1268-2	9.124	7.999	45805798	517.2E6	103.566	330.576 #

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 Operator : SM\AJ
 Sample : K5027-05 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

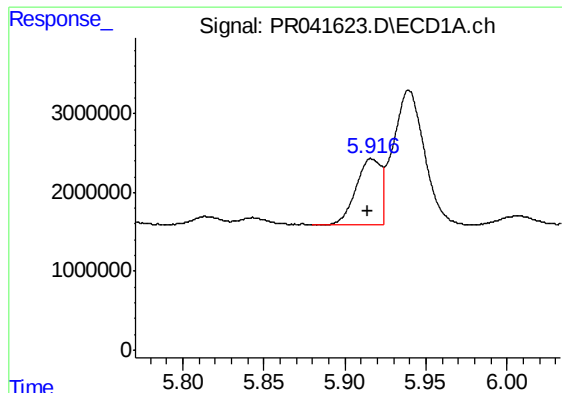
Instrument :
 ECD_R
 ClientSampleId :
 C0AW7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 12:17:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.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
43) L9	AR-1268-3	9.394	8.218	2144490	6995467	5.804	5.287
44) L9	AR-1268-4	9.852	8.519	27814413	99289070	158.871	165.440
45) L9	AR-1268-5	10.301	8.838	17002696	39986419	12.022	9.071

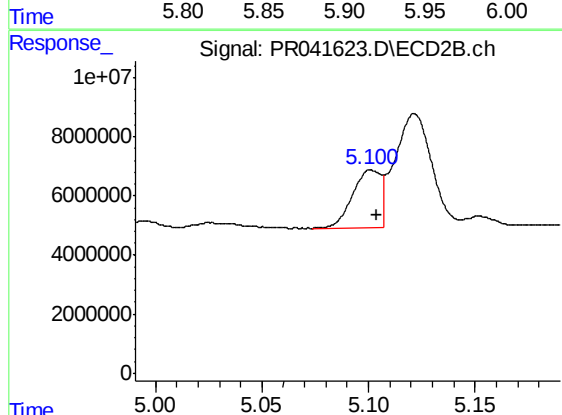
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

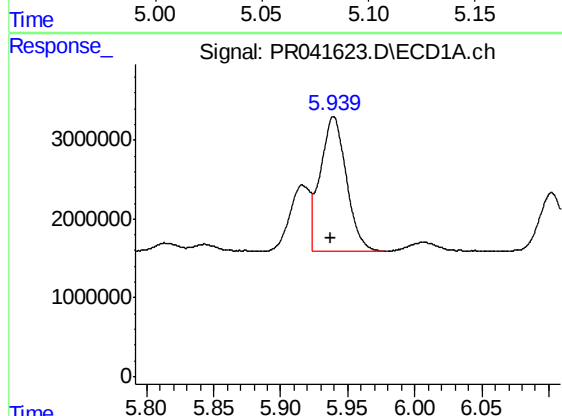
R.T.: 5.916 min
Delta R.T.: 0.002 min
Response: 8849079
Conc: 138.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



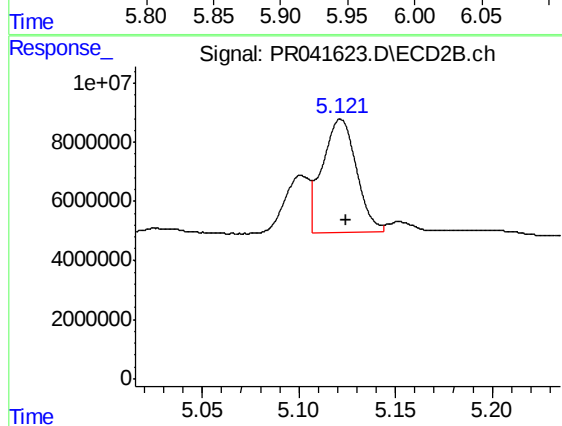
#3 AR-1016-1

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 17781952
Conc: 120.68 ng/ml



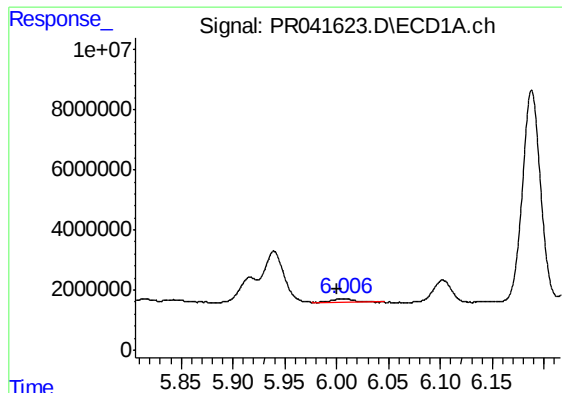
#4 AR-1016-2

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 22980941
Conc: 252.36 ng/ml



#4 AR-1016-2

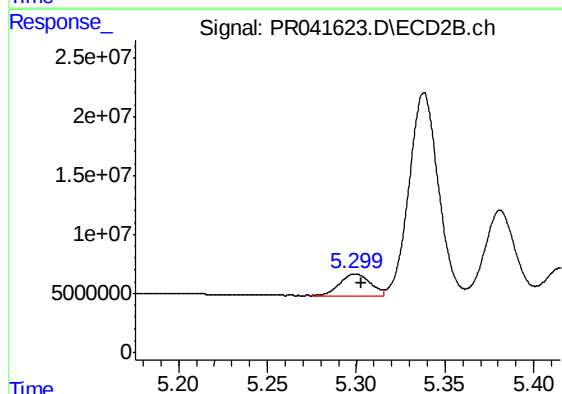
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 46333026
Conc: 225.05 ng/ml



#5 AR-1016-3

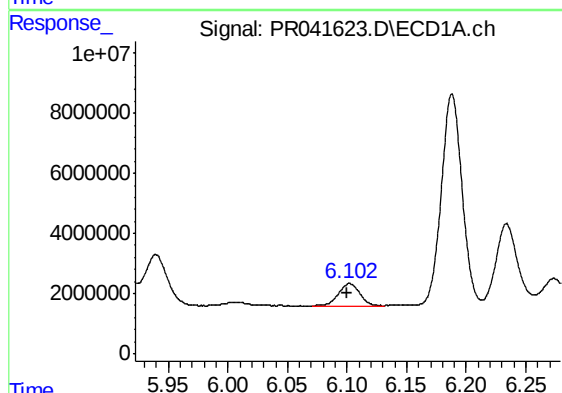
R.T.: 6.006 min
Delta R.T.: 0.006 min
Response: 1516364
Conc: 27.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



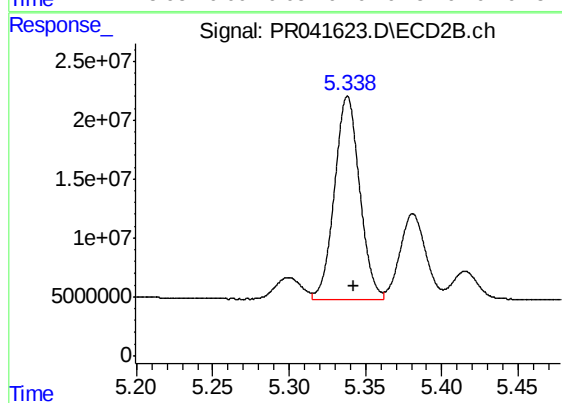
#5 AR-1016-3

R.T.: 5.299 min
Delta R.T.: -0.003 min
Response: 21770461
Conc: 183.97 ng/ml



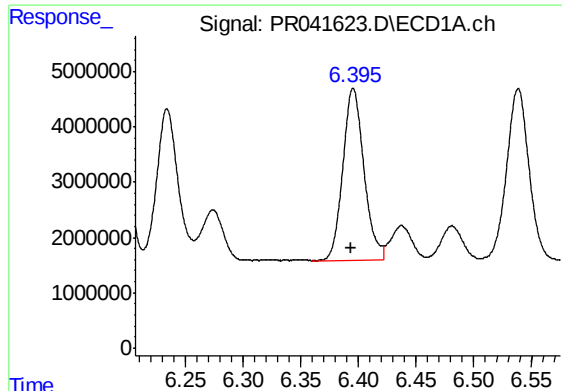
#6 AR-1016-4

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 9112486
Conc: 189.98 ng/ml



#6 AR-1016-4

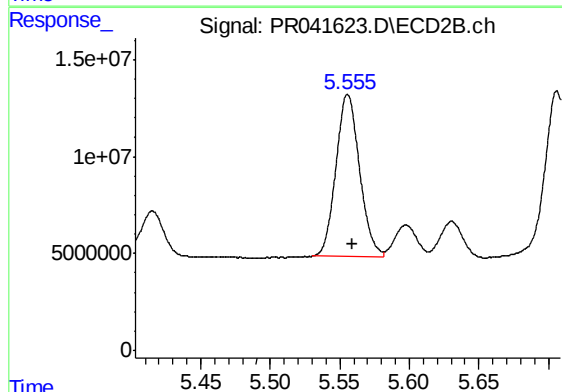
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 197773928
Conc: 2030.20 ng/ml



#7 AR-1016-5

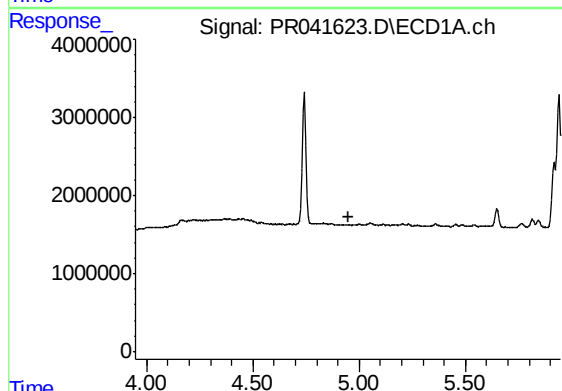
R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 39769754
Conc: 803.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



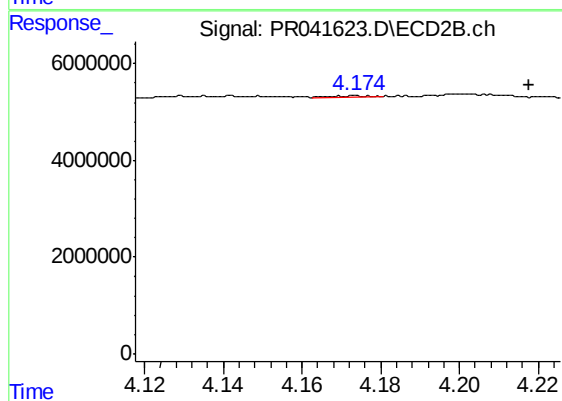
#7 AR-1016-5

R.T.: 5.556 min
Delta R.T.: -0.004 min
Response: 99135458
Conc: 713.08 ng/ml



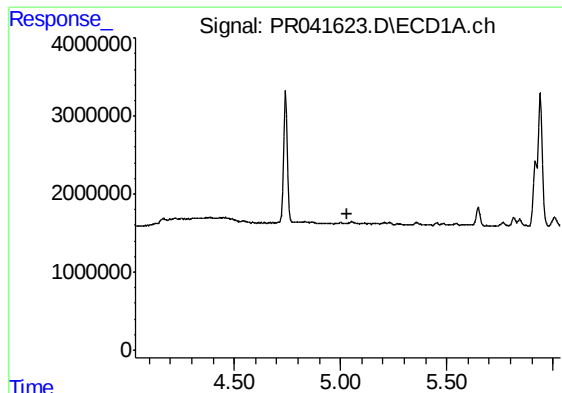
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#8 AR-1221-1

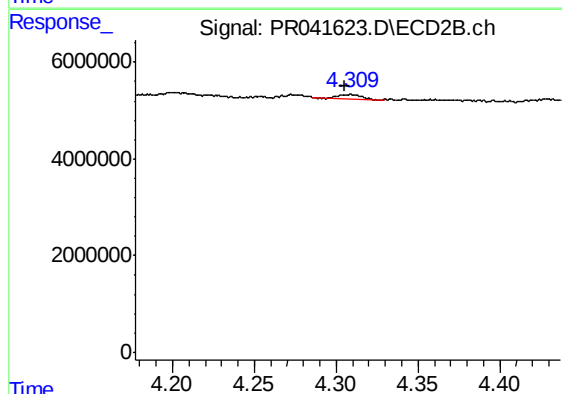
R.T.: 4.174 min
Delta R.T.: -0.044 min
Response: 148994
Conc: 2.60 ng/ml



#9 AR-1221-2

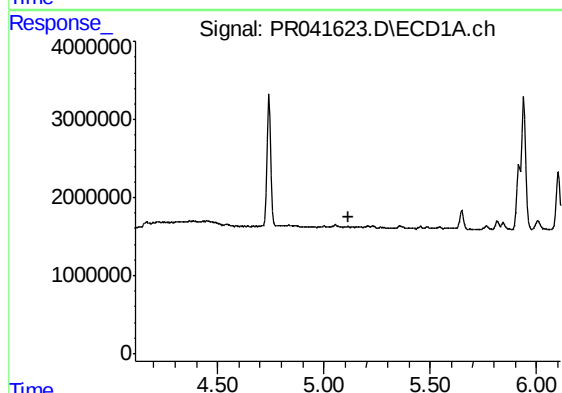
R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW7



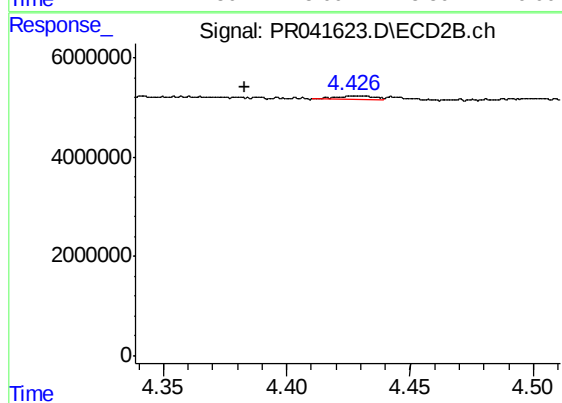
#9 AR-1221-2

R.T.: 4.309 min
Delta R.T.: 0.004 min
Response: 763099
Conc: 21.88 ng/ml



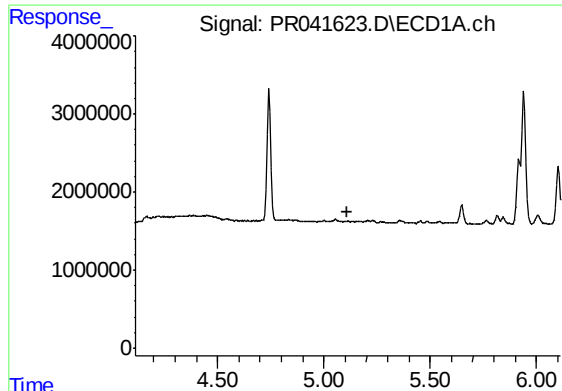
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#10 AR-1221-3

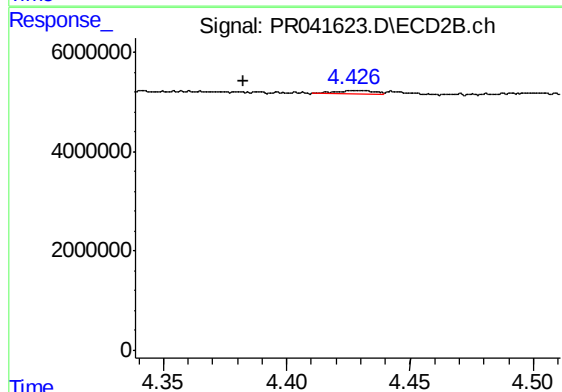
R.T.: 4.428 min
Delta R.T.: 0.045 min
Response: 801104
Conc: 7.55 ng/ml



#11 AR-1232-1

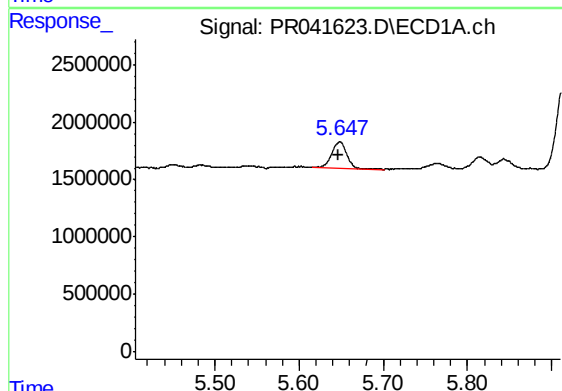
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW7



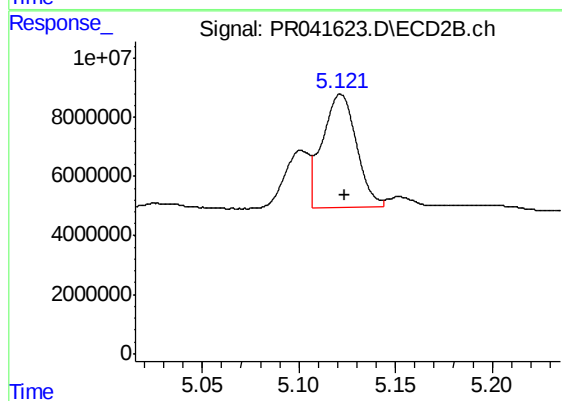
#11 AR-1232-1

R.T.: 4.428 min
Delta R.T.: 0.046 min
Response: 801104
Conc: 9.94 ng/ml



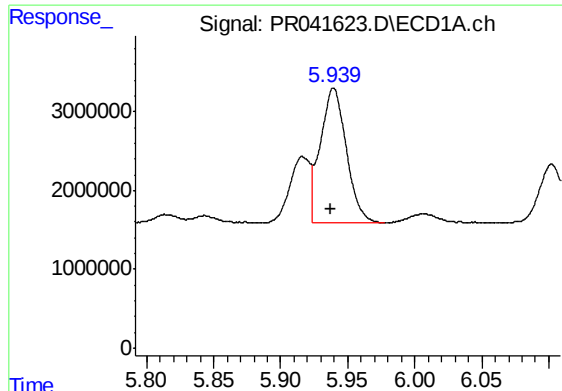
#12 AR-1232-2

R.T.: 5.648 min
Delta R.T.: 0.001 min
Response: 2929415
Conc: 179.06 ng/ml



#12 AR-1232-2

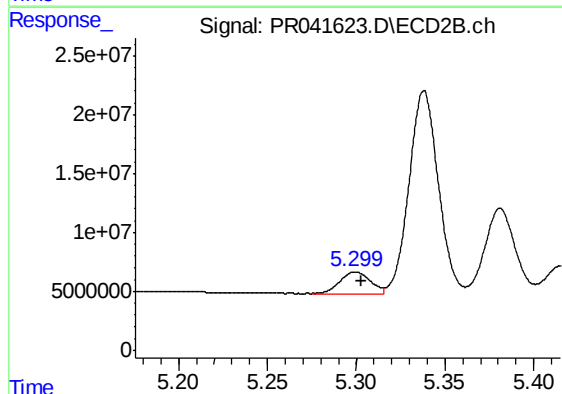
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 46333026
Conc: 476.41 ng/ml



#13 AR-1232-3

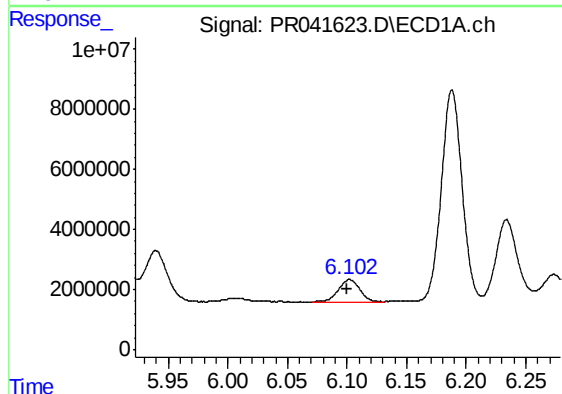
R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 22980941
Conc: 606.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



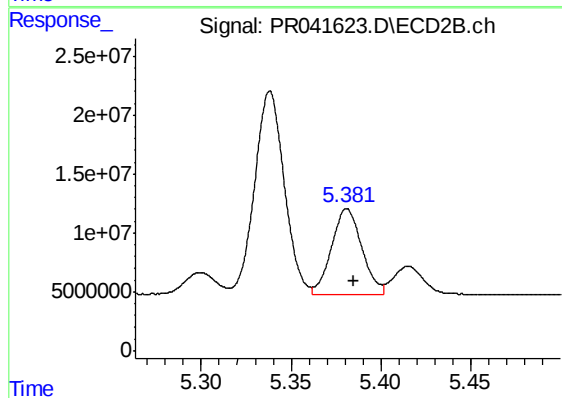
#13 AR-1232-3

R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 21770461
Conc: 484.83 ng/ml



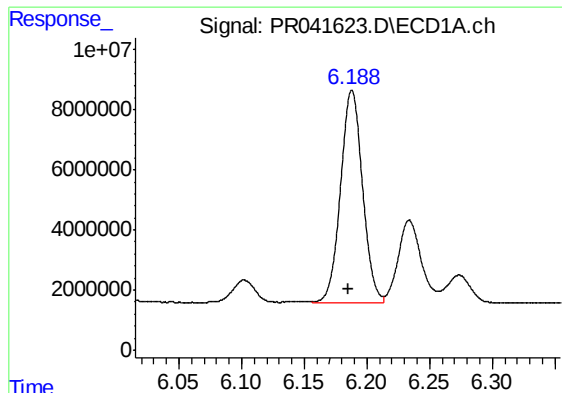
#14 AR-1232-4

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 9112486
Conc: 493.86 ng/ml



#14 AR-1232-4

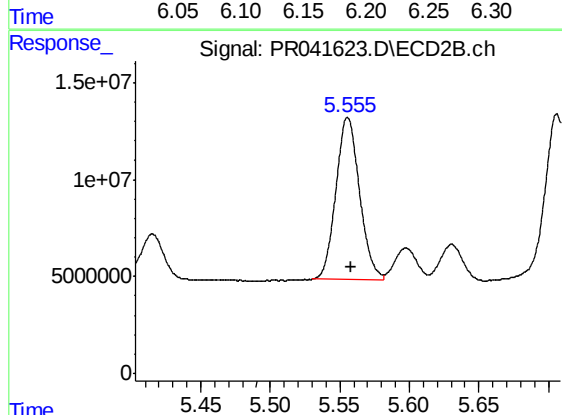
R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 85162736
Conc: 2033.19 ng/ml



#15 AR-1232-5

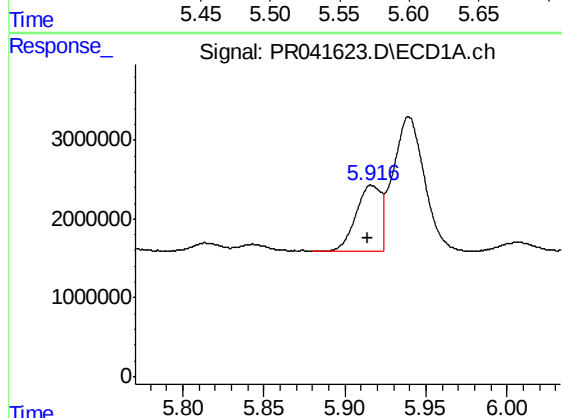
R.T.: 6.188 min
Delta R.T.: 0.002 min
Response: 86018843
Conc: 6225.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



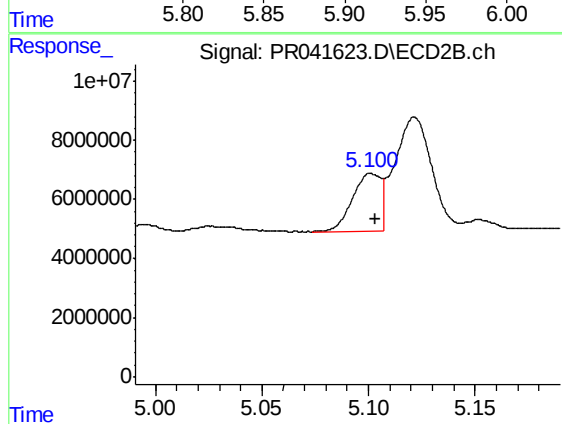
#15 AR-1232-5

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 99135458
Conc: 1853.20 ng/ml



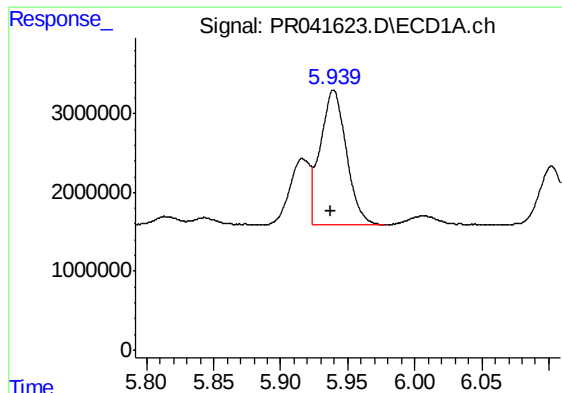
#16 AR-1242-1

R.T.: 5.916 min
Delta R.T.: 0.002 min
Response: 8849079
Conc: 172.04 ng/ml



#16 AR-1242-1

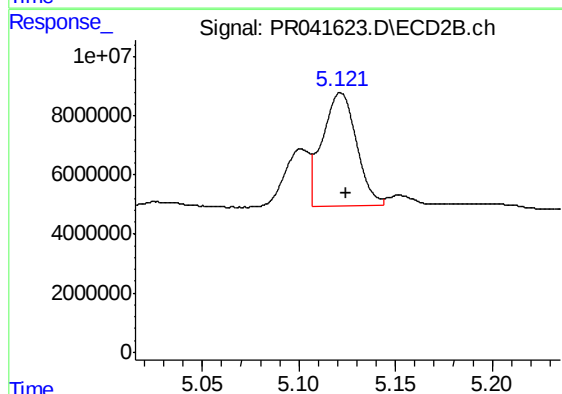
R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 17781952
Conc: 158.58 ng/ml



#17 AR-1242-2

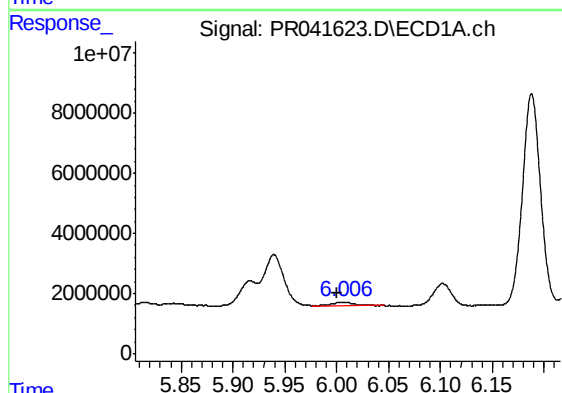
R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 22980941
Conc: 315.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



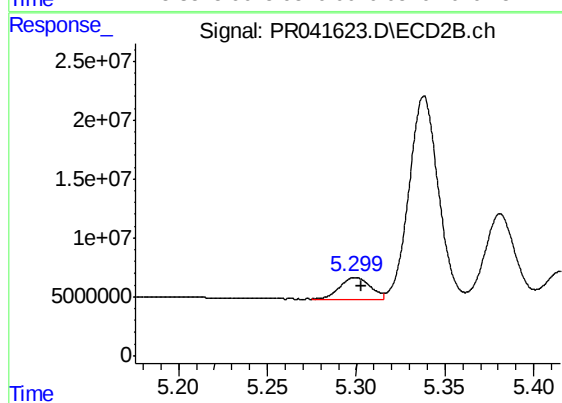
#17 AR-1242-2

R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 46333026
Conc: 289.78 ng/ml



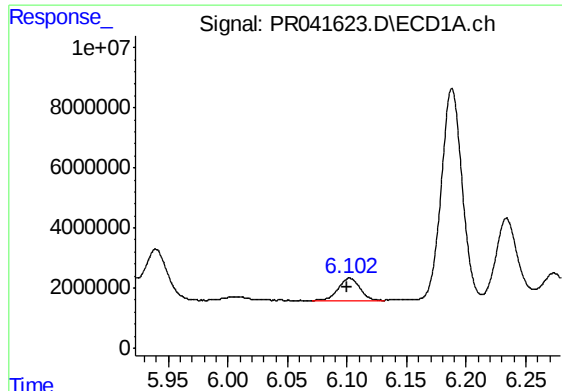
#18 AR-1242-3

R.T.: 6.006 min
Delta R.T.: 0.006 min
Response: 1516364
Conc: 34.29 ng/ml



#18 AR-1242-3

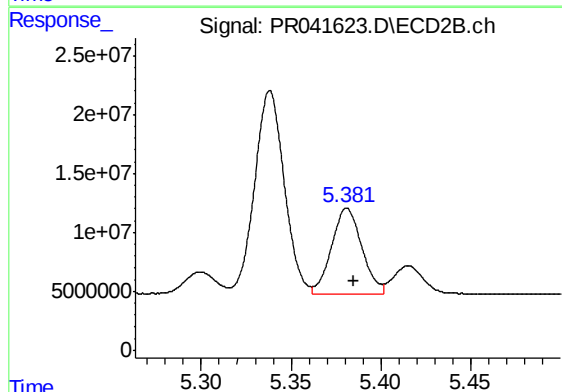
R.T.: 5.299 min
Delta R.T.: -0.003 min
Response: 21770461
Conc: 240.01 ng/ml



#19 AR-1242-4

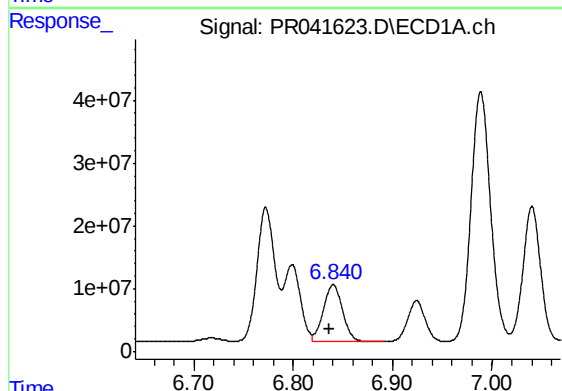
R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 9112486
Conc: 248.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



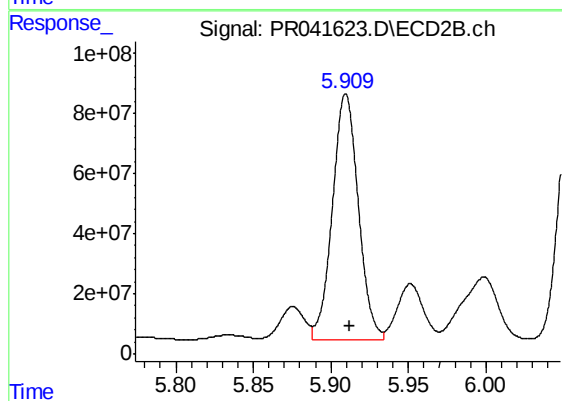
#19 AR-1242-4

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 85162736
Conc: 904.97 ng/ml



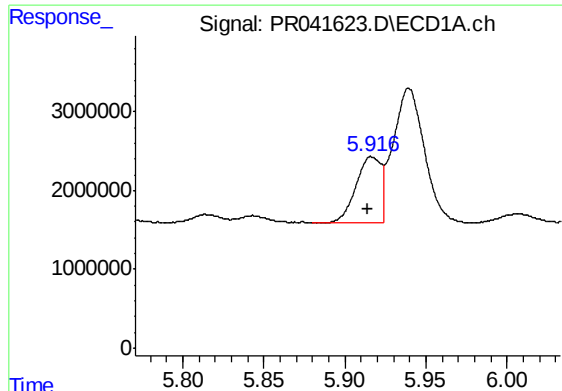
#20 AR-1242-5

R.T.: 6.840 min
Delta R.T.: 0.004 min
Response: 120804187
Conc: 2356.78 ng/ml



#20 AR-1242-5

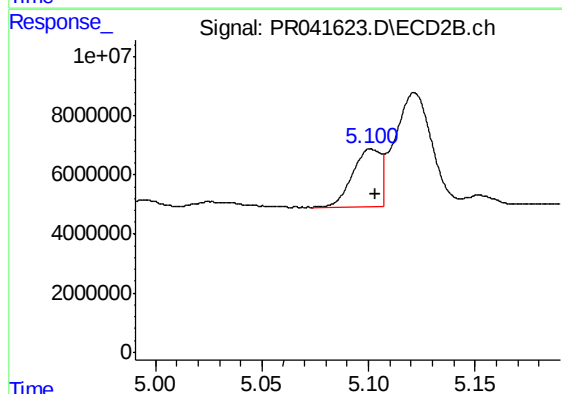
R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 948057941
Conc: 5588.72 ng/ml



#21 AR-1248-1

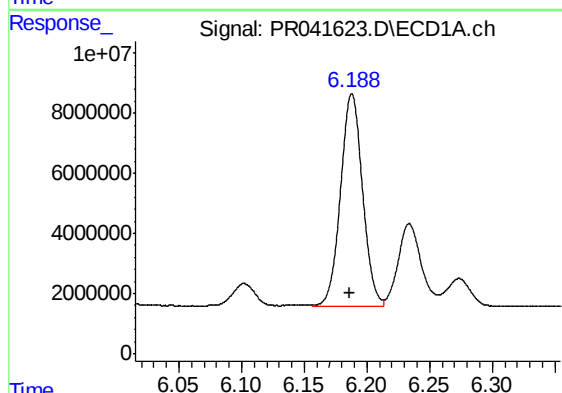
R.T.: 5.916 min
Delta R.T.: 0.003 min
Response: 8849079
Conc: 241.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



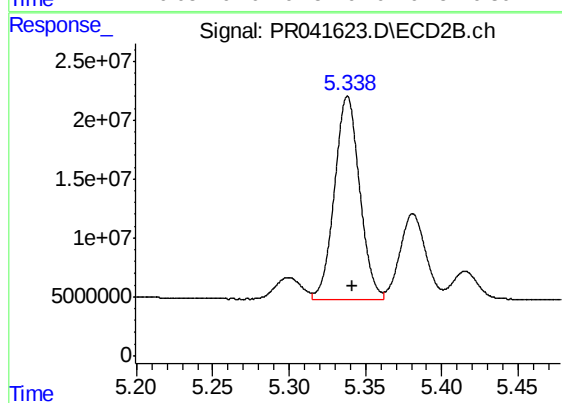
#21 AR-1248-1

R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 17781952
Conc: 210.97 ng/ml



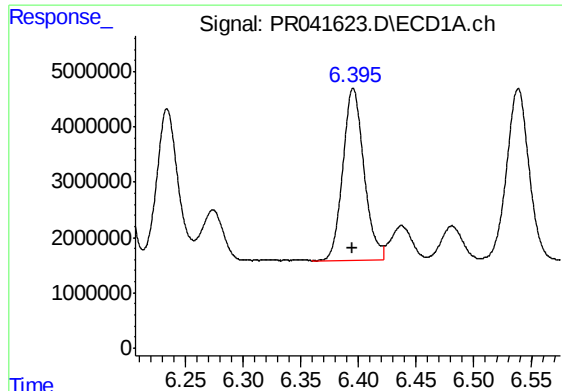
#22 AR-1248-2

R.T.: 6.188 min
Delta R.T.: 0.002 min
Response: 86018843
Conc: 1561.63 ng/ml



#22 AR-1248-2

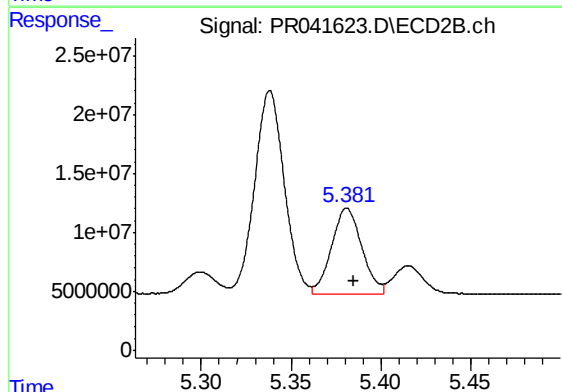
R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 197773928
Conc: 1626.05 ng/ml



#23 AR-1248-3

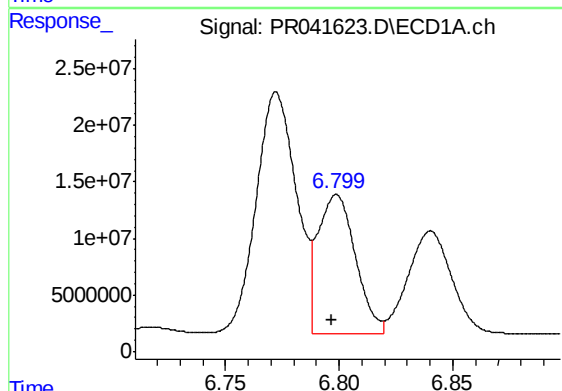
R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 39769754
Conc: 619.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



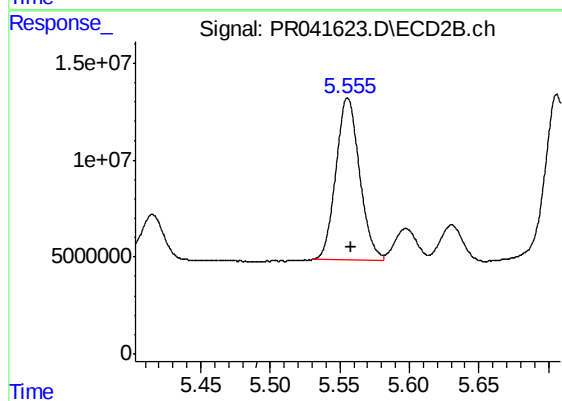
#23 AR-1248-3

R.T.: 5.381 min
Delta R.T.: -0.004 min
Response: 85162736
Conc: 671.74 ng/ml



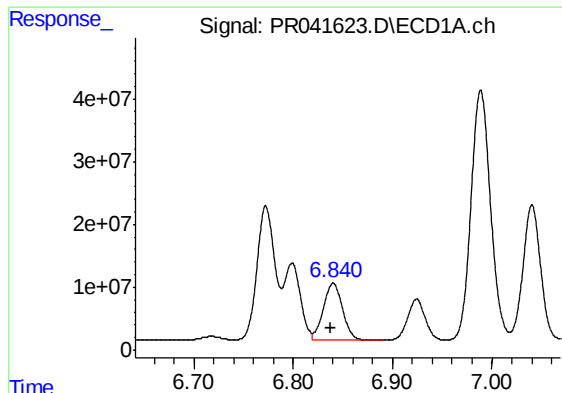
#24 AR-1248-4

R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 139898200
Conc: 1639.25 ng/ml



#24 AR-1248-4

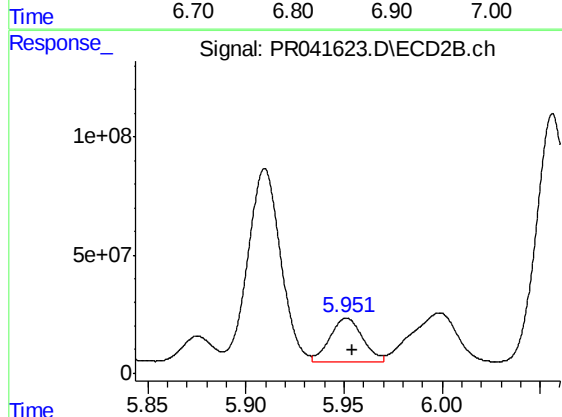
R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 99135458
Conc: 590.63 ng/ml



#25 AR-1248-5

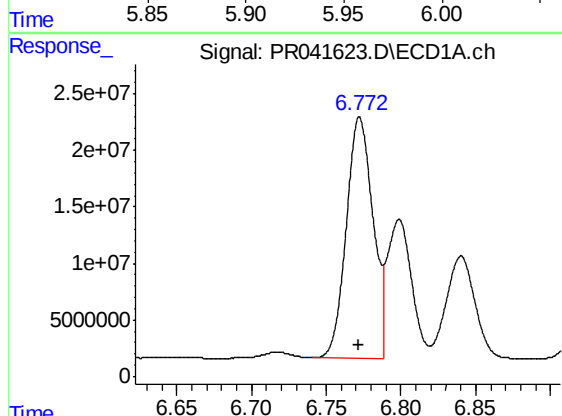
R.T.: 6.840 min
Delta R.T.: 0.003 min
Response: 120804187
Conc: 1482.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



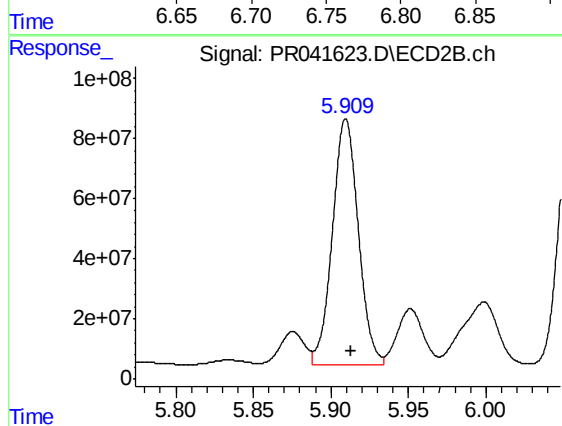
#25 AR-1248-5

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 215714150
Conc: 990.73 ng/ml



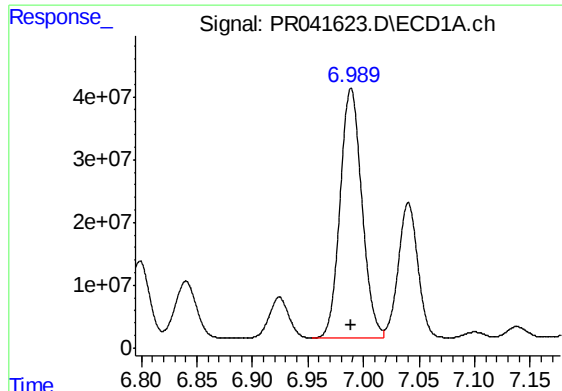
#26 AR-1254-1

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 263646108
Conc: 3168.17 ng/ml



#26 AR-1254-1

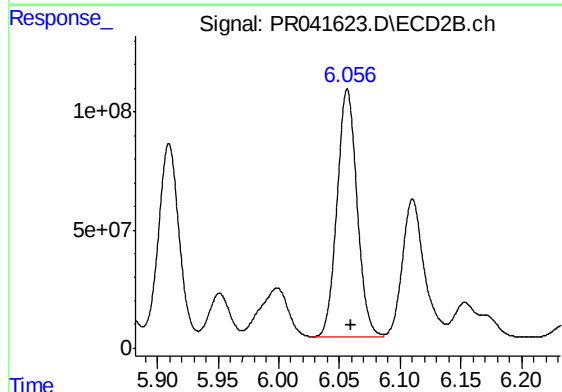
R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 948057941
Conc: 2923.40 ng/ml



#27 AR-1254-2

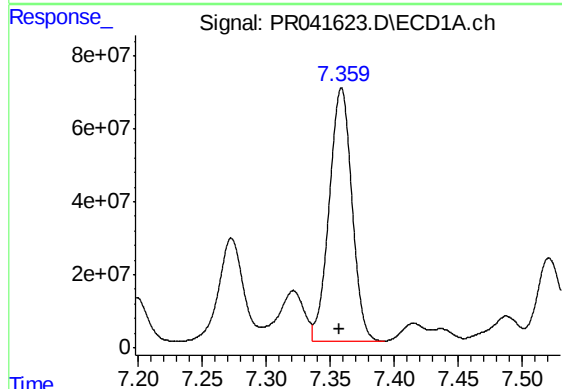
R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 541487390
Conc: 3853.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



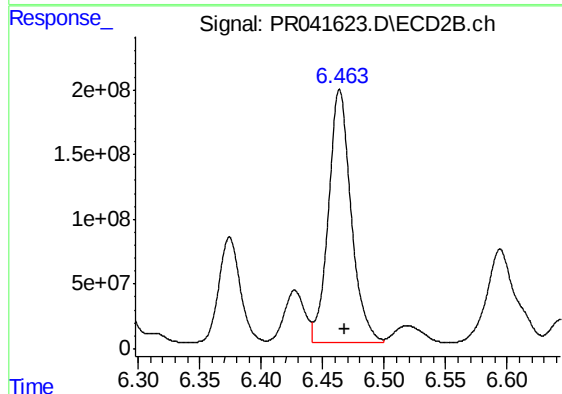
#27 AR-1254-2

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 1205141561
Conc: 3944.77 ng/ml



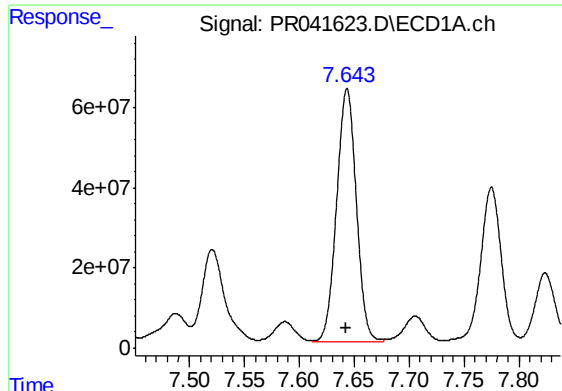
#28 AR-1254-3

R.T.: 7.359 min
Delta R.T.: 0.001 min
Response: 860085261
Conc: 5076.13 ng/ml



#28 AR-1254-3

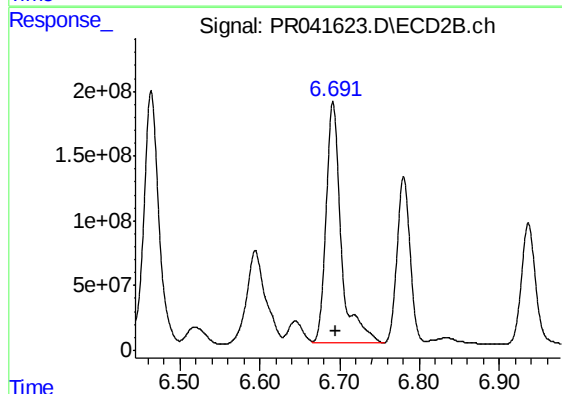
R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 2507452008
Conc: 4481.10 ng/ml



#29 AR-1254-4

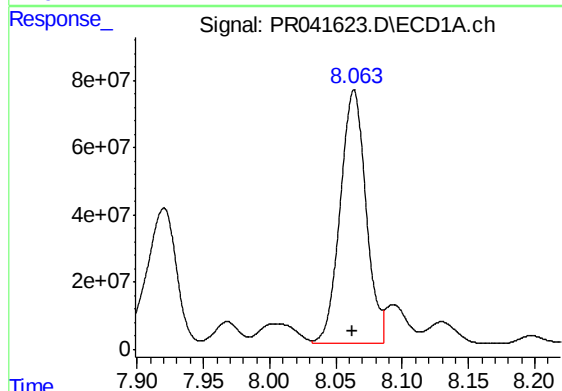
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 780781818
Conc: 5751.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



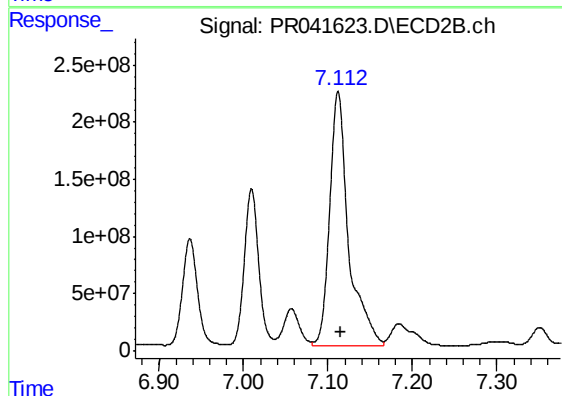
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 2460101854
Conc: 5764.65 ng/ml



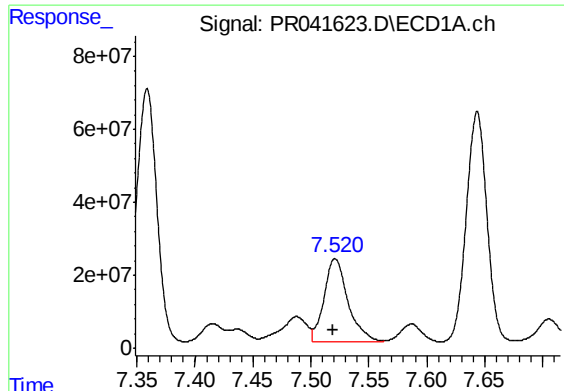
#30 AR-1254-5

R.T.: 8.064 min
Delta R.T.: 0.001 min
Response: 1024864850
Conc: 6664.97 ng/ml



#30 AR-1254-5

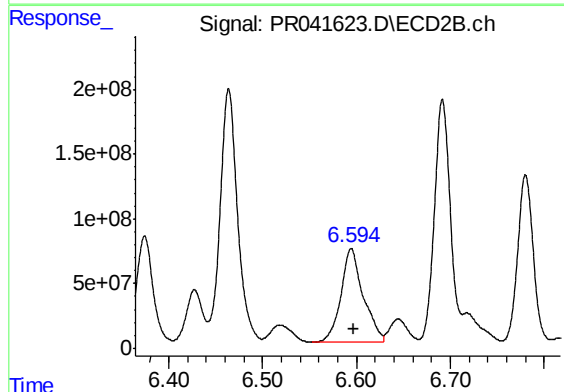
R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 3447391150
Conc: 5958.98 ng/ml



#31 AR-1260-1

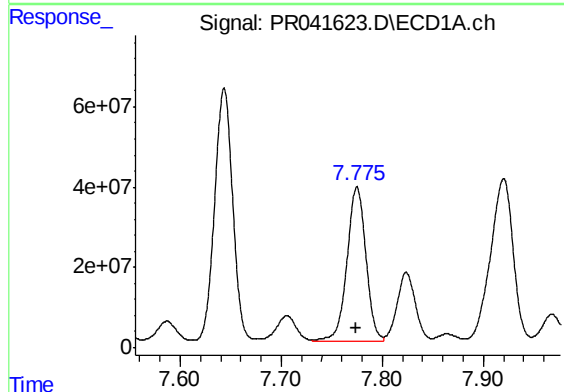
R.T.: 7.521 min
Delta R.T.: 0.001 min
Response: 328742229
Conc: 2776.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



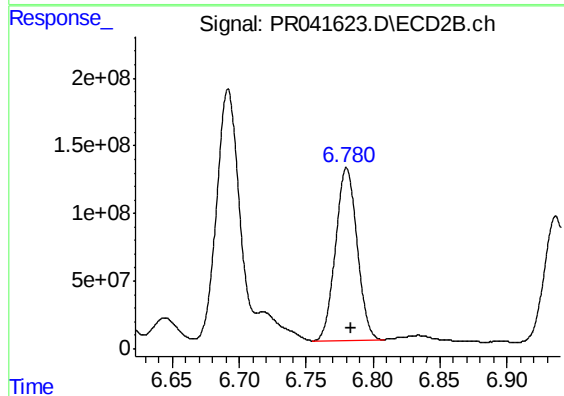
#31 AR-1260-1

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 1177035546
Conc: 3022.03 ng/ml



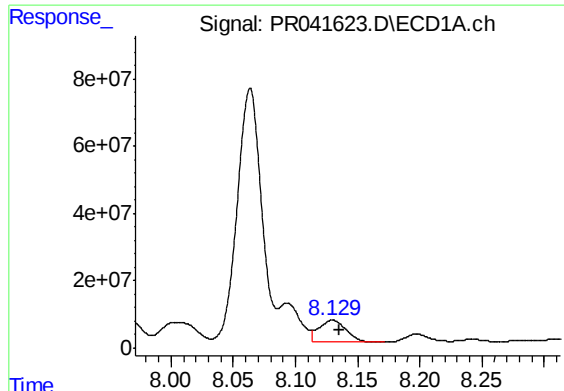
#32 AR-1260-2

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 496499866
Conc: 3364.49 ng/ml



#32 AR-1260-2

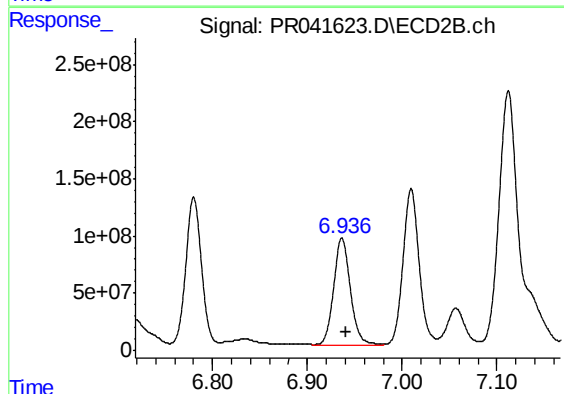
R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 1427897723
Conc: 2648.72 ng/ml



#33 AR-1260-3

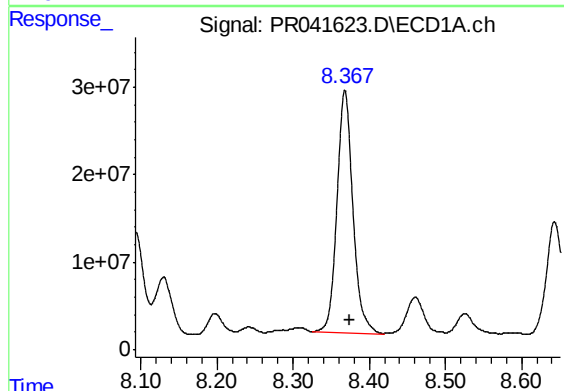
R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 100840838
Conc: 869.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



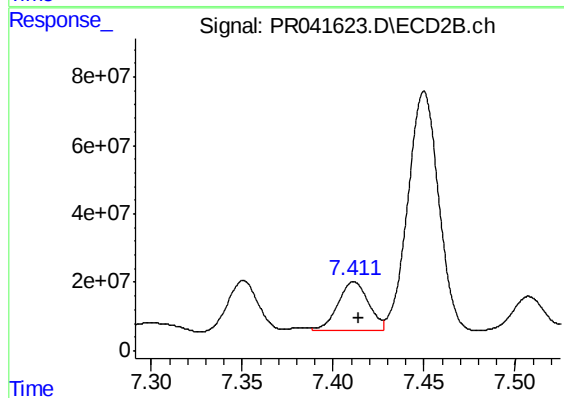
#33 AR-1260-3

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1136641214
Conc: 2433.33 ng/ml



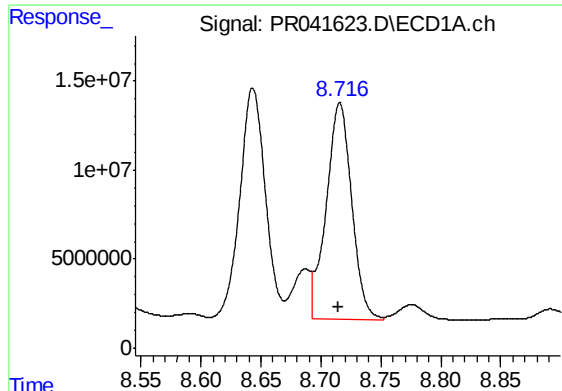
#34 AR-1260-4

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 403265488
Conc: 2824.47 ng/ml



#34 AR-1260-4

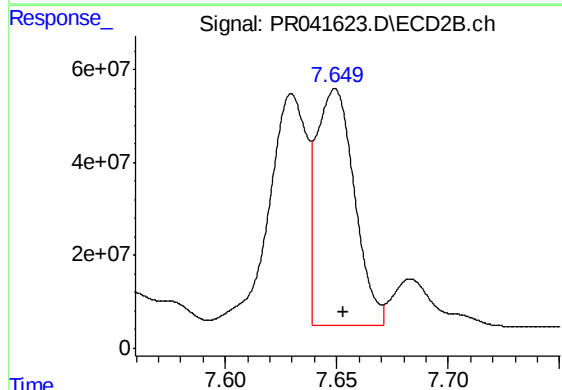
R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 167252550
Conc: 394.63 ng/ml



#35 AR-1260-5

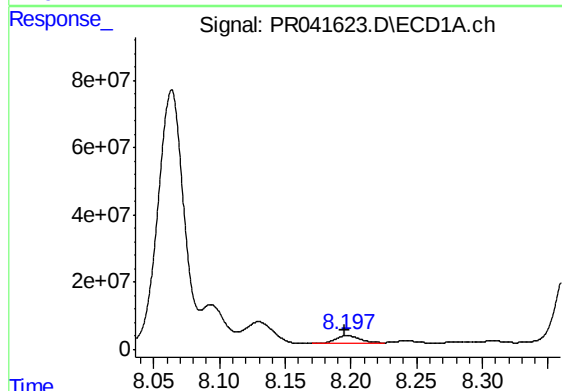
R.T.: 8.716 min
Delta R.T.: 0.001 min
Response: 179339707
Conc: 582.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



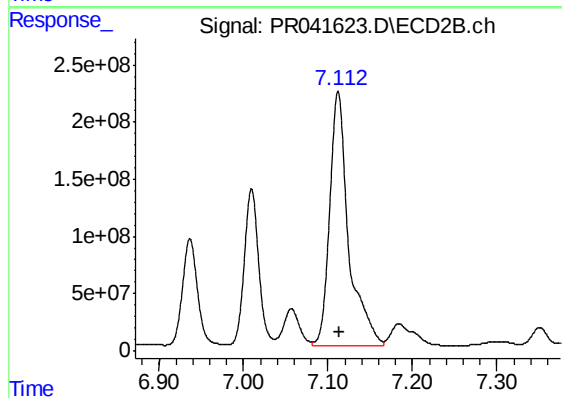
#35 AR-1260-5

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 602233097
Conc: 494.40 ng/ml



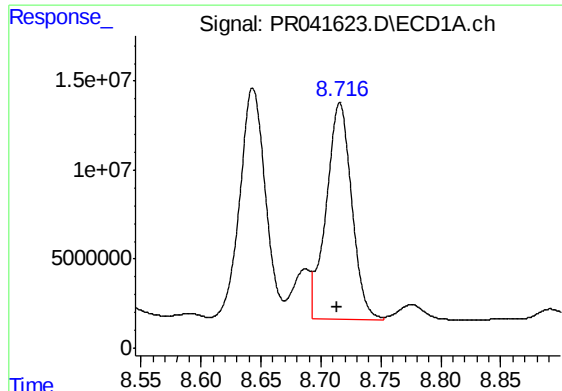
#36 AR-1262-1

R.T.: 8.197 min
Delta R.T.: 0.002 min
Response: 28637620
Conc: 371.82 ng/ml



#36 AR-1262-1

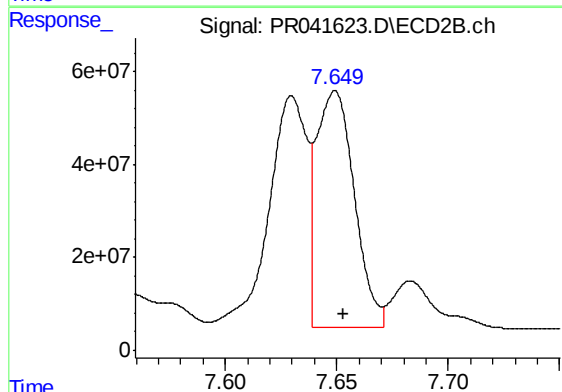
R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 3447391150
Conc: 10299.79 ng/ml



#37 AR-1262-2

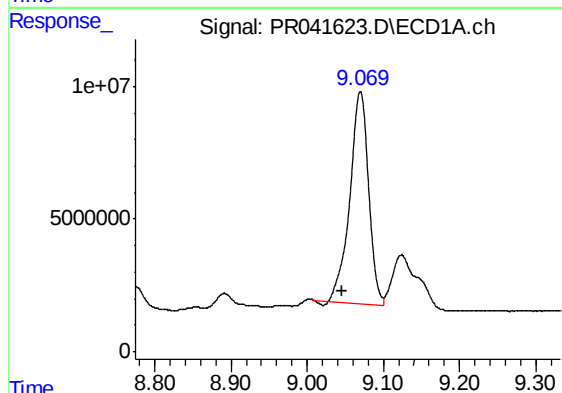
R.T.: 8.716 min
Delta R.T.: 0.002 min
Response: 179339707
Conc: 473.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



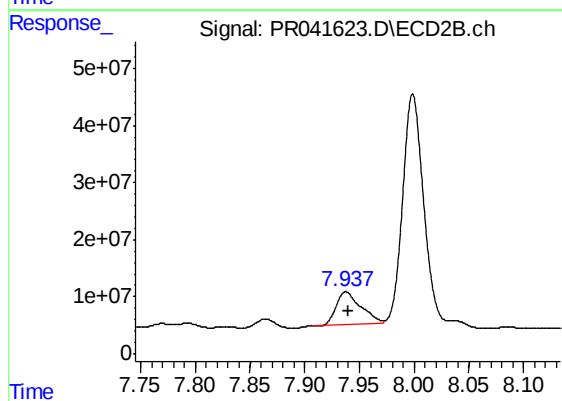
#37 AR-1262-2

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 602233097
Conc: 436.10 ng/ml



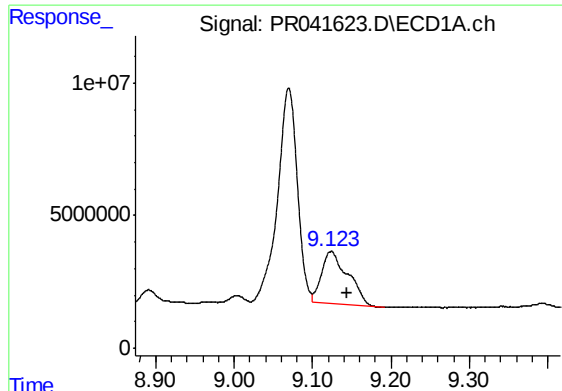
#38 AR-1262-3

R.T.: 9.070 min
Delta R.T.: 0.023 min
Response: 137582994
Conc: 521.81 ng/ml



#38 AR-1262-3

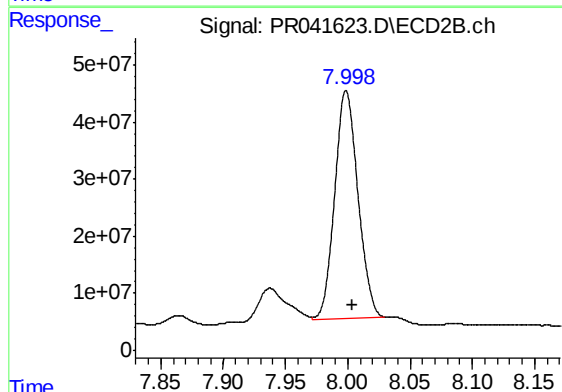
R.T.: 7.938 min
Delta R.T.: -0.002 min
Response: 88433008
Conc: 154.62 ng/ml



#39 AR-1262-4

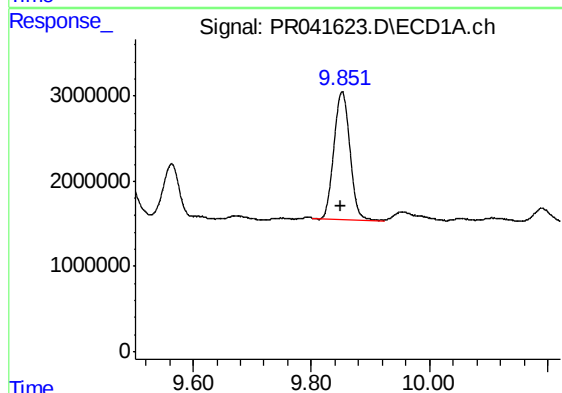
R.T.: 9.124 min
Delta R.T.: -0.020 min
Response: 45805798
Conc: 231.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



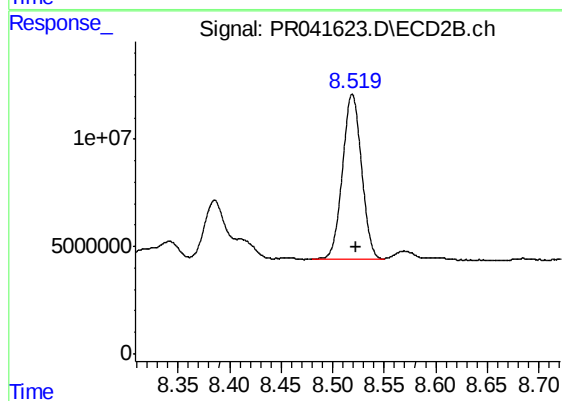
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.006 min
Response: 517159032
Conc: 510.33 ng/ml



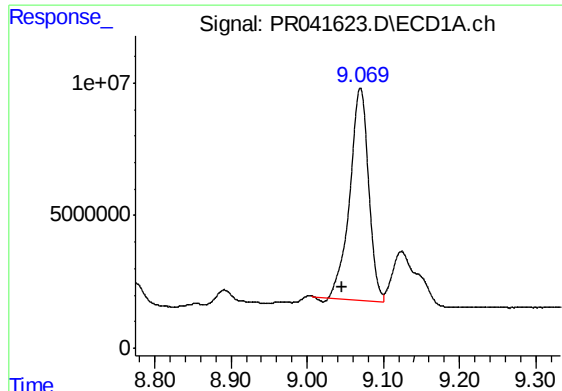
#40 AR-1262-5

R.T.: 9.852 min
Delta R.T.: 0.002 min
Response: 27814413
Conc: 177.64 ng/ml



#40 AR-1262-5

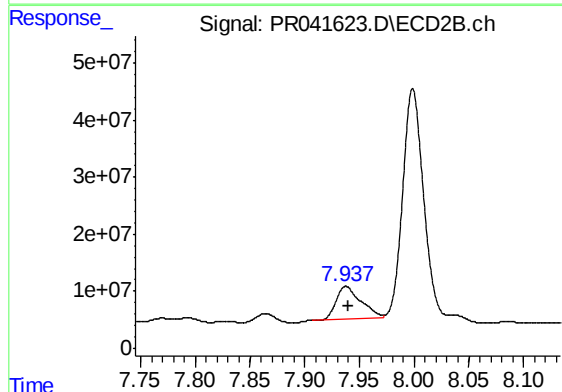
R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 99289070
Conc: 177.37 ng/ml



#41 AR-1268-1

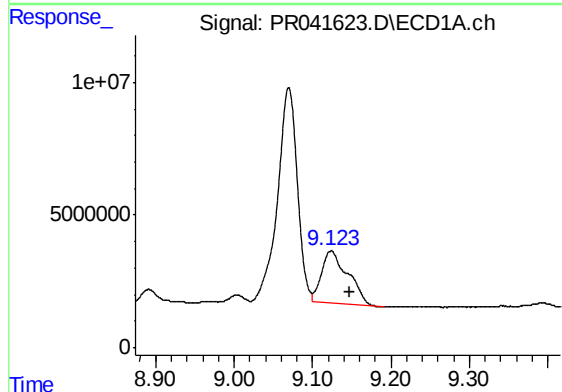
R.T.: 9.070 min
Delta R.T.: 0.024 min
Response: 137582994
Conc: 286.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



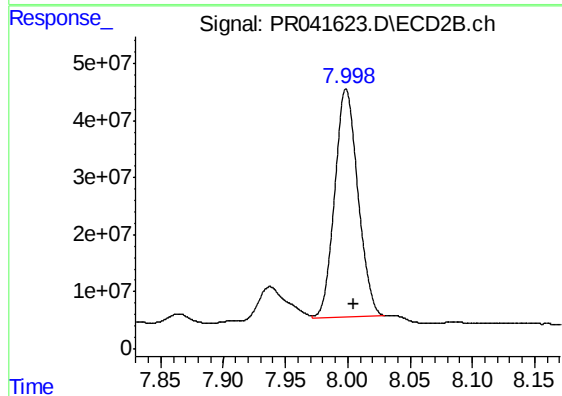
#41 AR-1268-1

R.T.: 7.938 min
Delta R.T.: -0.003 min
Response: 88433008
Conc: 52.26 ng/ml



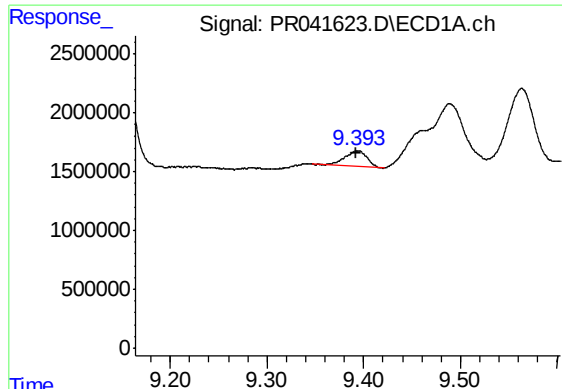
#42 AR-1268-2

R.T.: 9.124 min
Delta R.T.: -0.023 min
Response: 45805798
Conc: 103.57 ng/ml



#42 AR-1268-2

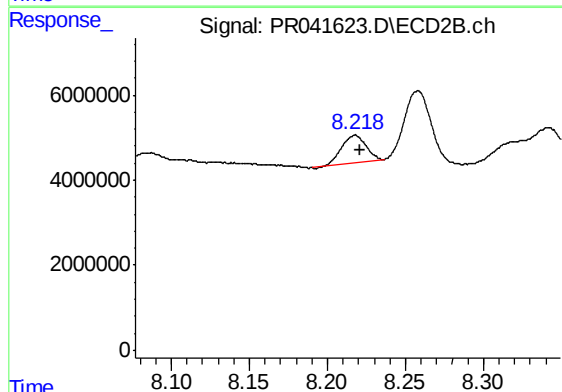
R.T.: 7.999 min
Delta R.T.: -0.007 min
Response: 517159032
Conc: 330.58 ng/ml



#43 AR-1268-3

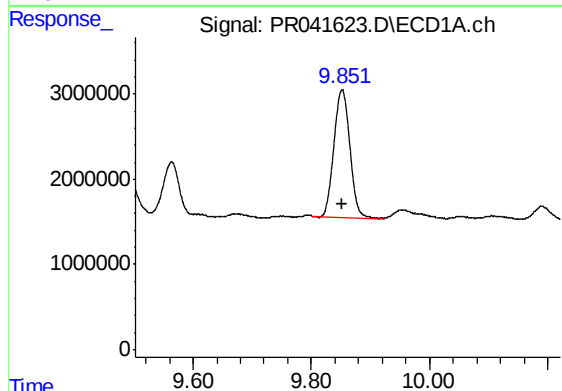
R.T.: 9.394 min
Delta R.T.: 0.002 min
Response: 2144490
Conc: 5.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



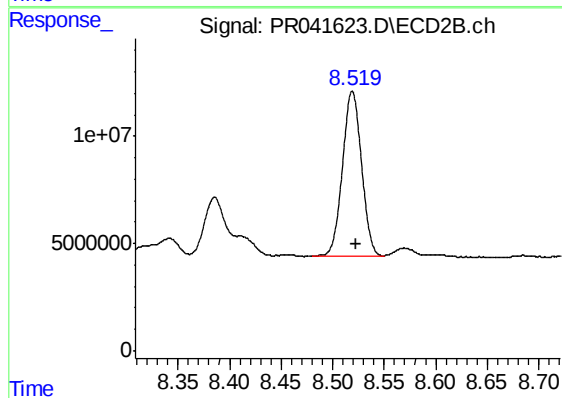
#43 AR-1268-3

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 6995467
Conc: 5.29 ng/ml



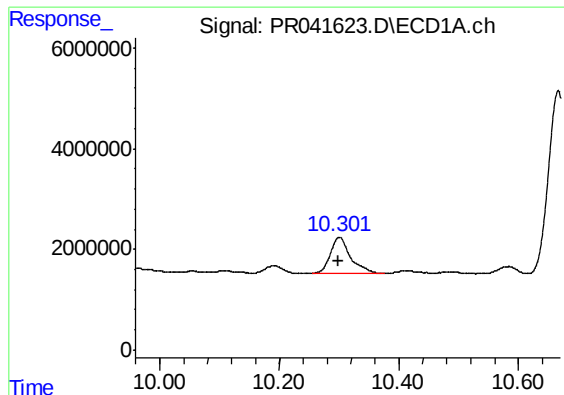
#44 AR-1268-4

R.T.: 9.852 min
Delta R.T.: 0.000 min
Response: 27814413
Conc: 158.87 ng/ml



#44 AR-1268-4

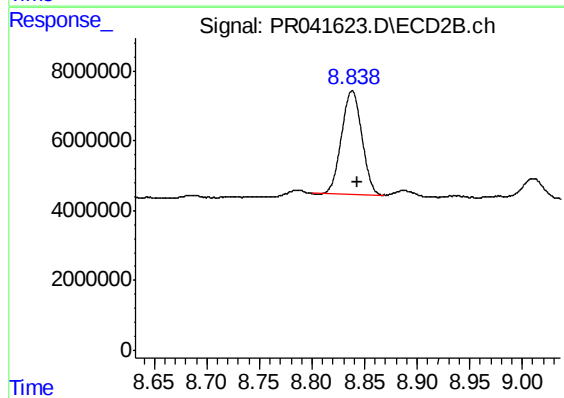
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 99289070
Conc: 165.44 ng/ml



#45 AR-1268-5

R.T.: 10.301 min
Delta R.T.: 0.002 min
Response: 17002696
Conc: 12.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 39986419
Conc: 9.07 ng/ml