

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121520\
 Data File : PR048974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2020 10:06
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660392

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 02:40:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 01 06:11:17 2020
 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...	4.689	3.845	44719350	85993362	16.922	20.216
2)	SA Decachlor...	10.596	8.928	88064540	350.0E6	33.560	40.832
Target Compounds							
3)	L1 AR-1016-1	5.866	4.931	35540529	33644084	361.454	466.106 #
4)	L1 AR-1016-2	5.889	4.950	49746473	73038789	350.919	476.009 #
5)	L1 AR-1016-3	5.952	5.126	30620775	38793640	352.301	453.353 #
6)	L1 AR-1016-4	6.053	5.167	25469632	16966814	357.253	456.467 #
7)	L1 AR-1016-5	6.347	5.382	25071297	25064775	356.643	445.293
8)	L2 AR-1221-1	4.892	4.055	3328533	4675687	106.088	115.220
9)	L2 AR-1221-2	4.986	4.142	4025326	8466304	180.096	235.939 #
10)	L2 AR-1221-3	5.064	4.218	16931036	32635546	231.993	297.009 #
11)	L3 AR-1232-1	5.064	4.218	16931036	32635546	279.986	361.947 #
12)	L3 AR-1232-2	5.598	4.950	23779800	73038789	765.383	1017.541 #
13)	L3 AR-1232-3	5.889	5.126	49746473	38793640	773.423	988.544 #
14)	L3 AR-1232-4	6.053	5.210	25469632	22681543	797.319	1210.108 #
15)	L3 AR-1232-5	6.139	5.382	23363048	25064775	944.260	1096.610
16)	L4 AR-1242-1	5.866	4.931	35540529	33644084	432.372	541.726 #
17)	L4 AR-1242-2	5.889	4.950	49746473	73038789	432.751	550.412 #
18)	L4 AR-1242-3	5.952	5.126	30620775	38793640	430.607	531.024
19)	L4 AR-1242-4	6.053	5.210	25469632	22681543	436.841	534.502
20)	L4 AR-1242-5	6.791	5.735	3986300	16762822	60.376	257.986 #
21)	L5 AR-1248-1	5.866	4.931	35540529	33644084	588.301	713.475
22)	L5 AR-1248-2	6.139	5.167	23363048	16966814	275.277	323.848
23)	L5 AR-1248-3	6.347	5.210	25071297	22681543	272.010	371.618 #
24)	L5 AR-1248-4	6.749	5.382	4206575	25064775	38.500	324.691 #
25)	L5 AR-1248-5	6.791	5.778	3986300	4907515	37.900	45.550
26)	L6 AR-1254-1	6.725	5.735	17592523	16762822	160.562	140.068
27)	L6 AR-1254-2	6.940	5.883	18973521	20268952	113.891	164.197 #
28)	L6 AR-1254-3	7.313	6.305	10762405	60078713	61.630	238.116 #
29)	L6 AR-1254-4	7.599	6.521	7948917	13128907	58.849	42.723 #
30)	L6 AR-1254-5	8.019	6.939	58539508	169.4E6	408.464	387.901
31)	L7 AR-1260-1	7.475	6.420	41081627	52816829	339.391	413.249
32)	L7 AR-1260-2	7.731	6.610	50413578	193.8E6	335.673	418.851
33)	L7 AR-1260-3	8.092	6.764	39652428	116.7E6	343.953	414.972
34)	L7 AR-1260-4	8.330	7.241	45028786	144.0E6	339.474	423.015
35)	L7 AR-1260-5	8.668	7.486	89241078	603.2E6	334.411	425.816 #
36)	L8 AR-1262-1	8.092	6.939	39652428	169.4E6	236.129	731.225 #
37)	L8 AR-1262-2	8.668	7.486	89241078	603.2E6	293.224	394.082 #
38)	L8 AR-1262-3	9.017	7.773	59774149	133.1E6	280.134	208.098 #
39)	L8 AR-1262-4	9.077	7.839	39021001	382.6E6	236.407	361.711 #
40)	L8 AR-1262-5	9.794	8.351	30734211	146.1E6	250.955	357.424 #
41)	L9 AR-1268-1	9.017	7.773	59774149	133.1E6	161.538	68.174 #
42)	L9 AR-1268-2	9.077	7.839	39021001	382.6E6	112.624	223.828 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121520\
 Data File : PR048974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2020 10:06
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

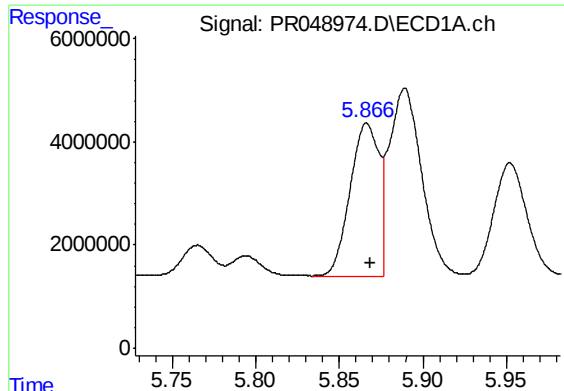
Instrument :
 ECD_R
 ClientSampleId :
 AR1660392

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 02:40:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR113020CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 01 06:11:17 2020
 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
43) L9	AR-1268-3	9.338	8.048	2292291	6804757	7.670	4.627 #
44) L9	AR-1268-4	9.794	8.351	30734211	146.1E6	226.308	296.031 #
45) L9	AR-1268-5	10.236	8.659	9850100	32376886	9.736	8.170

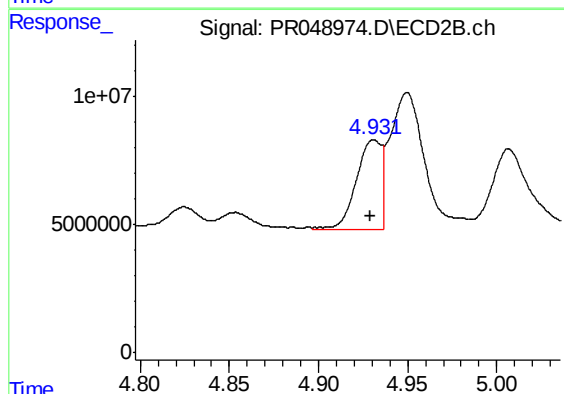
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

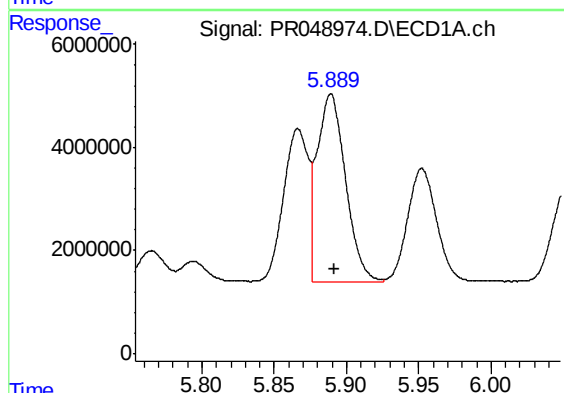
R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 35540529
Conc: 361.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



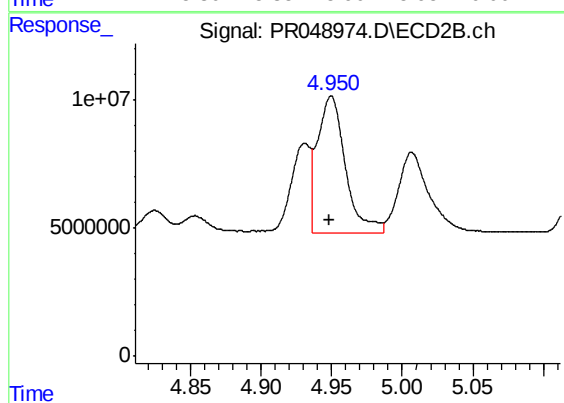
#3 AR-1016-1

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 33644084
Conc: 466.11 ng/ml



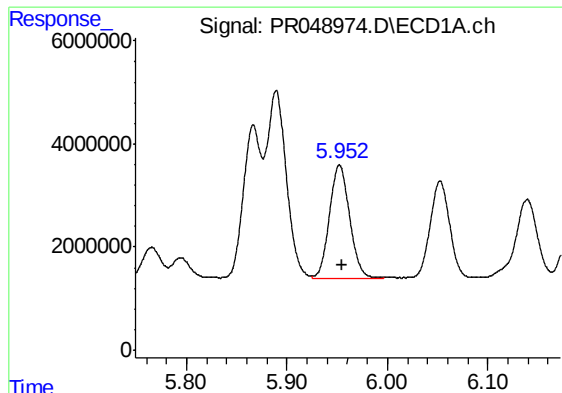
#4 AR-1016-2

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 49746473
Conc: 350.92 ng/ml



#4 AR-1016-2

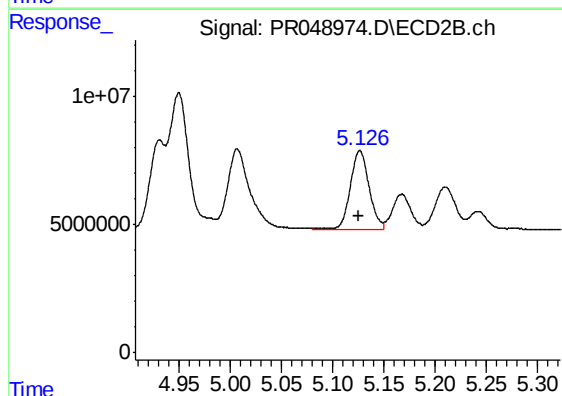
R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 73038789
Conc: 476.01 ng/ml



#5 AR-1016-3

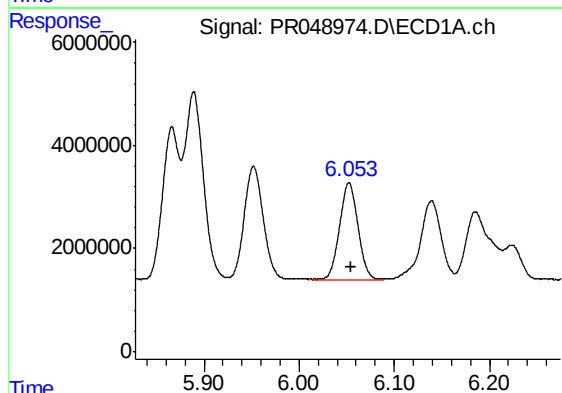
R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 30620775
Conc: 352.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



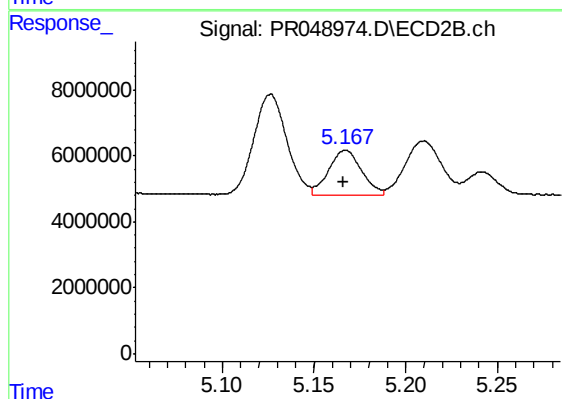
#5 AR-1016-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 38793640
Conc: 453.35 ng/ml



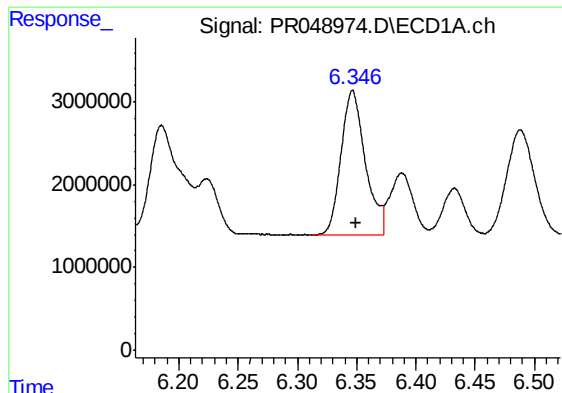
#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 25469632
Conc: 357.25 ng/ml



#6 AR-1016-4

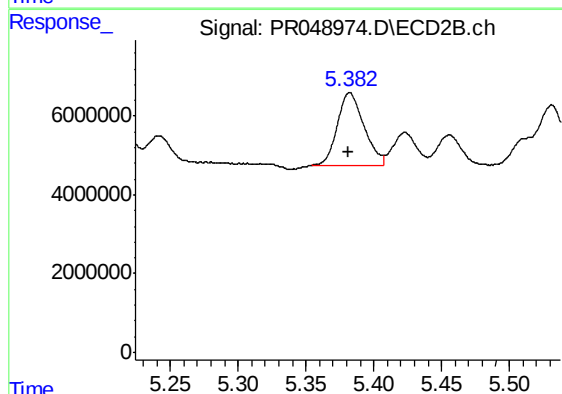
R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 16966814
Conc: 456.47 ng/ml



#7 AR-1016-5

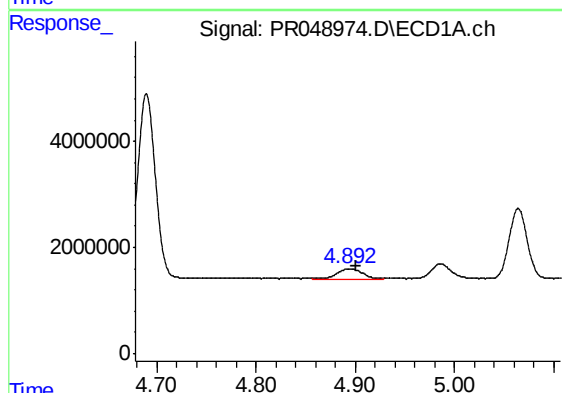
R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 25071297
Conc: 356.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



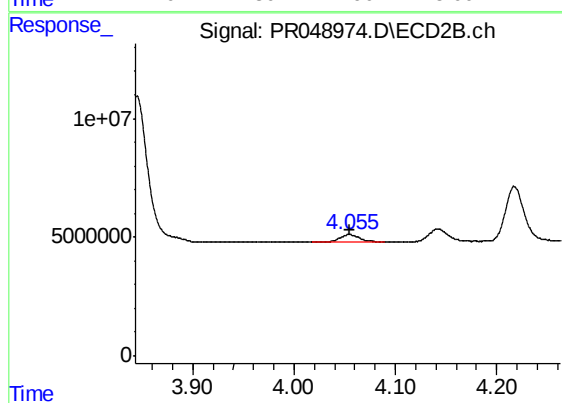
#7 AR-1016-5

R.T.: 5.382 min
Delta R.T.: 0.001 min
Response: 25064775
Conc: 445.29 ng/ml



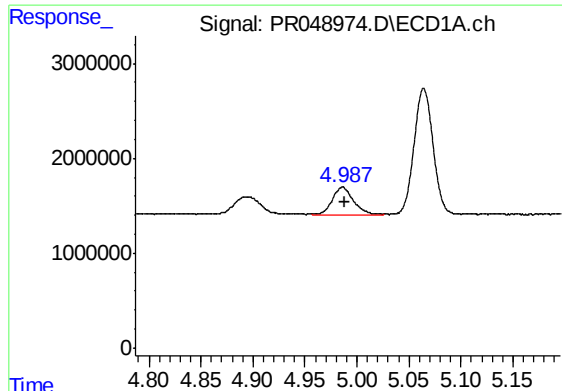
#8 AR-1221-1

R.T.: 4.892 min
Delta R.T.: -0.008 min
Response: 3328533
Conc: 106.09 ng/ml



#8 AR-1221-1

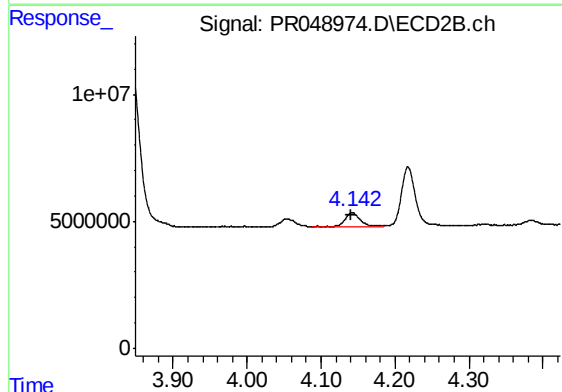
R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 4675687
Conc: 115.22 ng/ml



#9 AR-1221-2

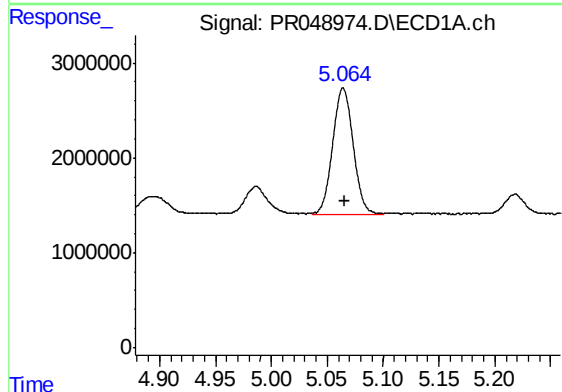
R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 4025326
Conc: 180.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



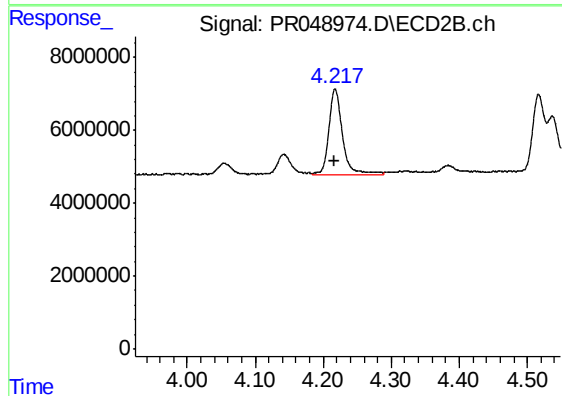
#9 AR-1221-2

R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 8466304
Conc: 235.94 ng/ml



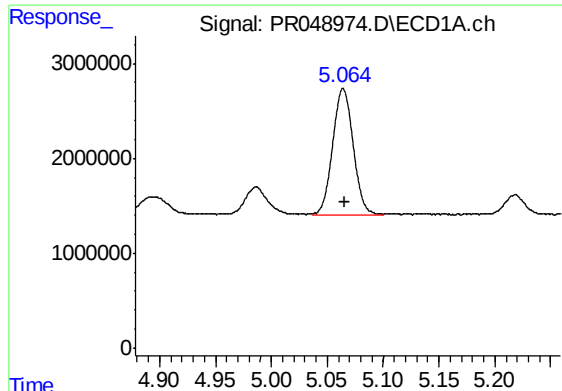
#10 AR-1221-3

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 16931036
Conc: 231.99 ng/ml



#10 AR-1221-3

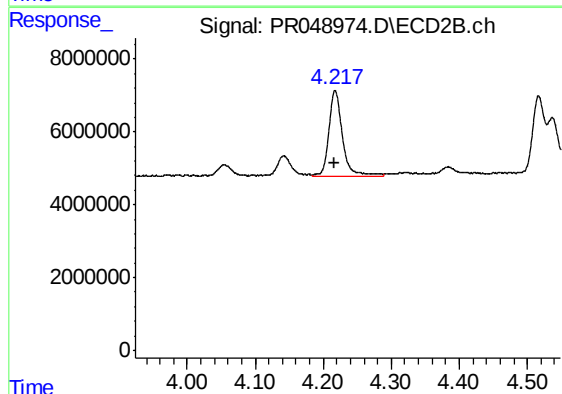
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 32635546
Conc: 297.01 ng/ml



#11 AR-1232-1

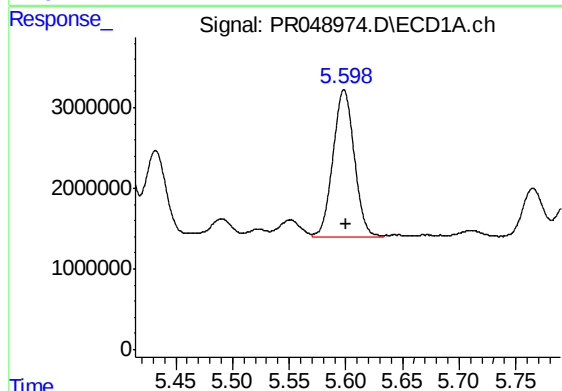
R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 16931036
Conc: 279.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



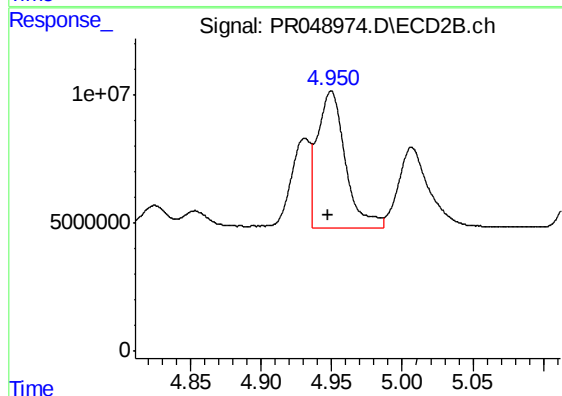
#11 AR-1232-1

R.T.: 4.218 min
Delta R.T.: 0.001 min
Response: 32635546
Conc: 361.95 ng/ml



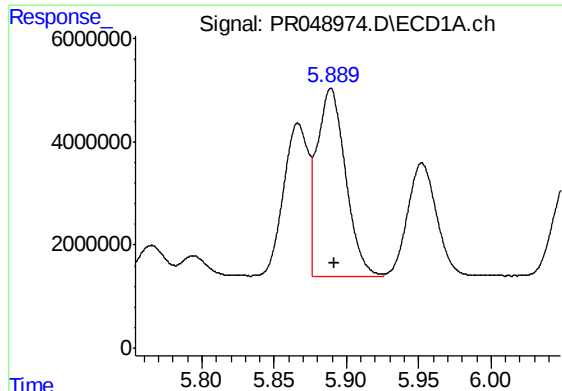
#12 AR-1232-2

R.T.: 5.598 min
Delta R.T.: -0.001 min
Response: 23779800
Conc: 765.38 ng/ml



#12 AR-1232-2

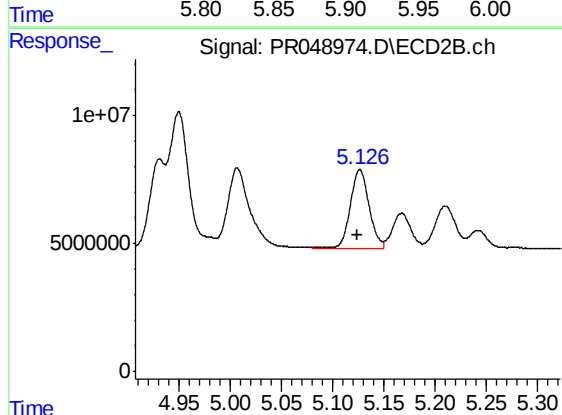
R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 73038789
Conc: 1017.54 ng/ml



#13 AR-1232-3

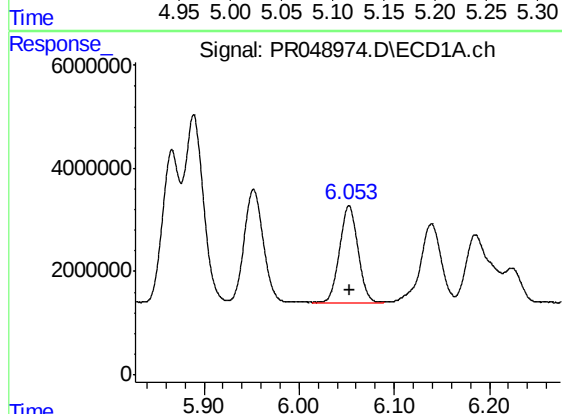
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 49746473
Conc: 773.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



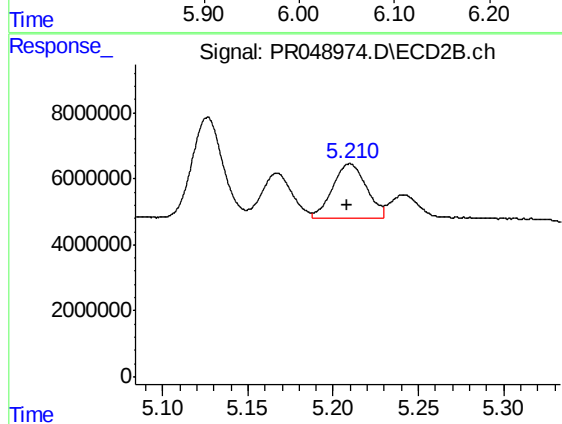
#13 AR-1232-3

R.T.: 5.126 min
Delta R.T.: 0.002 min
Response: 38793640
Conc: 988.54 ng/ml



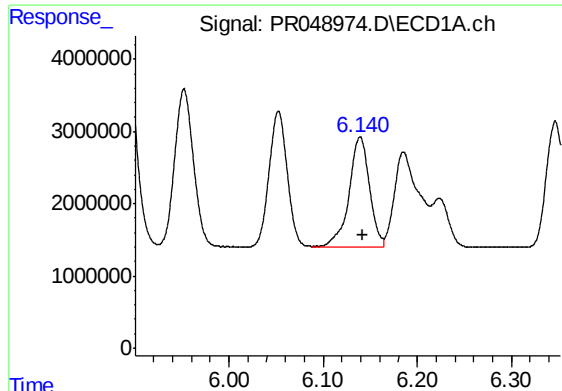
#14 AR-1232-4

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 25469632
Conc: 797.32 ng/ml



#14 AR-1232-4

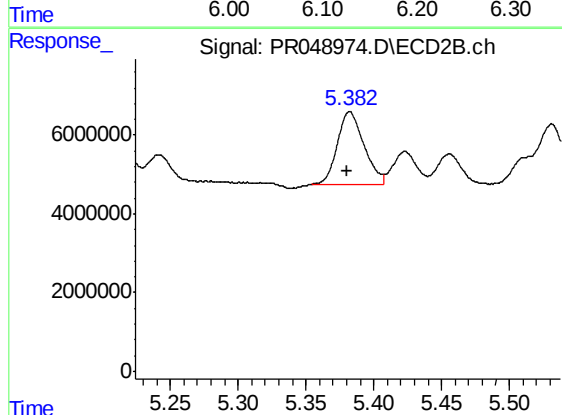
R.T.: 5.210 min
Delta R.T.: 0.001 min
Response: 22681543
Conc: 1210.11 ng/ml



#15 AR-1232-5

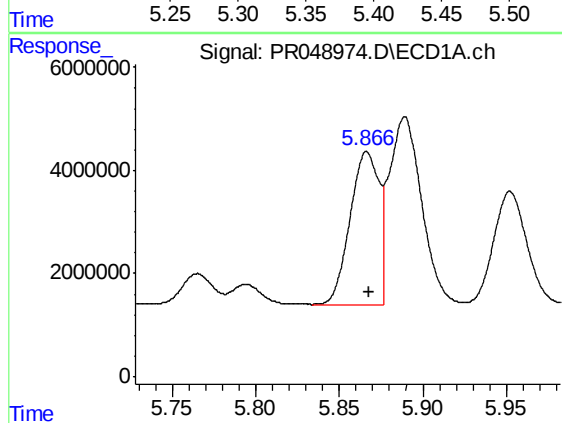
R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 23363048
Conc: 944.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



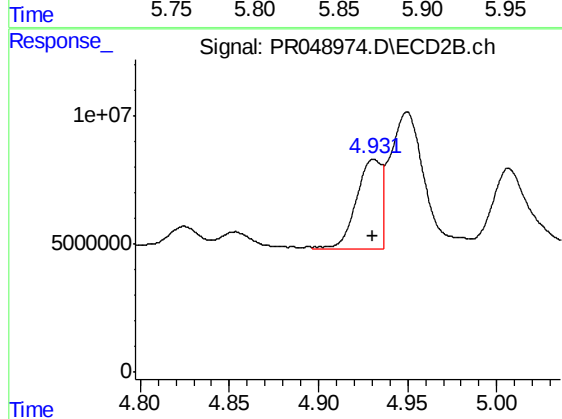
#15 AR-1232-5

R.T.: 5.382 min
Delta R.T.: 0.002 min
Response: 25064775
Conc: 1096.61 ng/ml



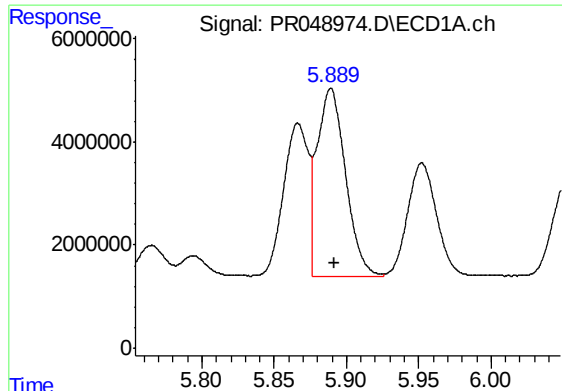
#16 AR-1242-1

R.T.: 5.866 min
Delta R.T.: -0.001 min
Response: 35540529
Conc: 432.37 ng/ml



#16 AR-1242-1

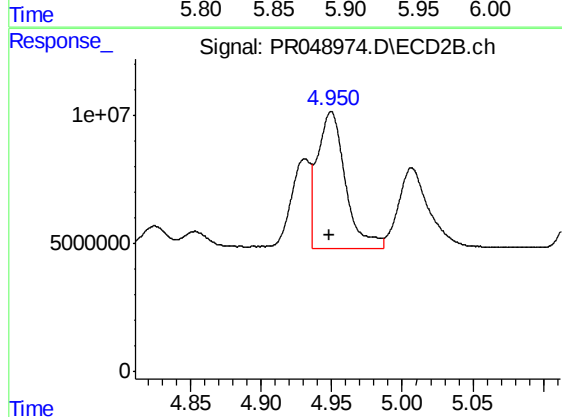
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 33644084
Conc: 541.73 ng/ml



#17 AR-1242-2

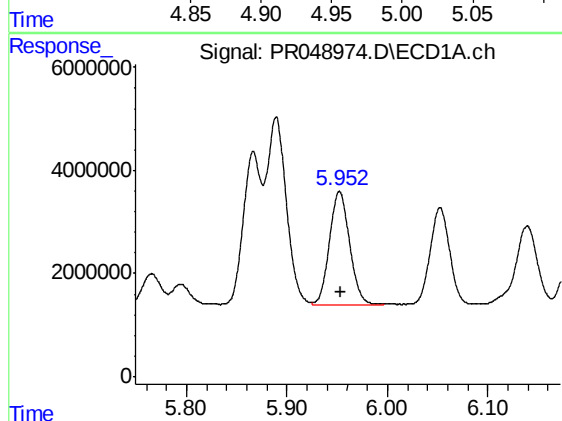
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 49746473
Conc: 432.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



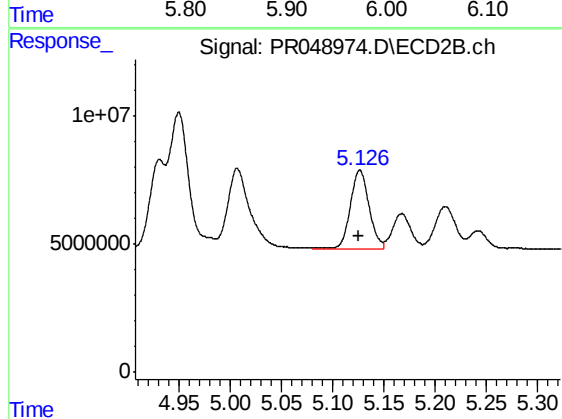
#17 AR-1242-2

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 73038789
Conc: 550.41 ng/ml



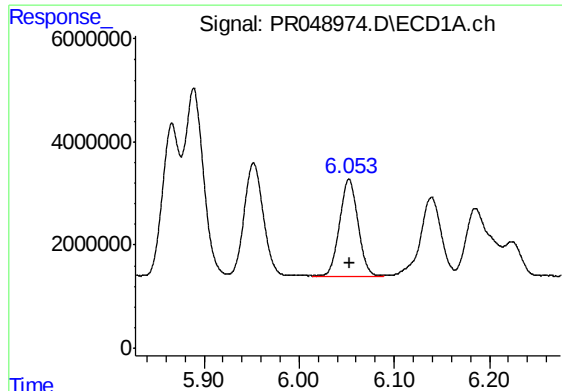
#18 AR-1242-3

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 30620775
Conc: 430.61 ng/ml



#18 AR-1242-3

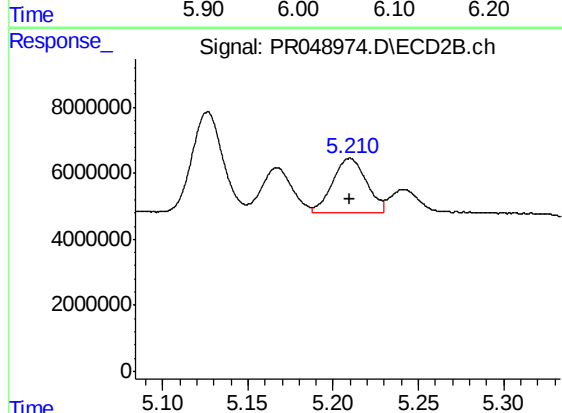
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 38793640
Conc: 531.02 ng/ml



#19 AR-1242-4

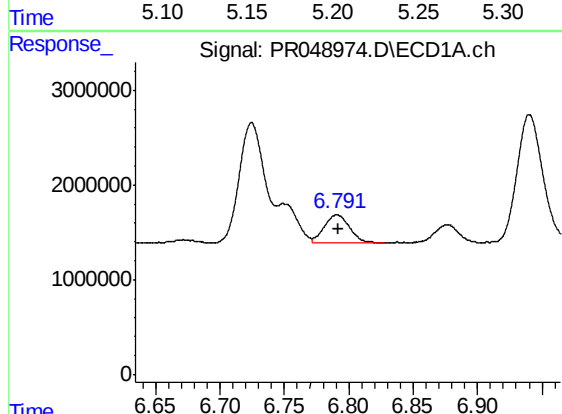
R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 25469632
Conc: 436.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



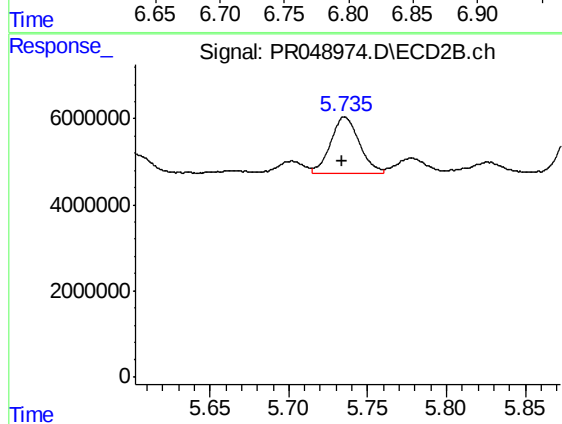
#19 AR-1242-4

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 22681543
Conc: 534.50 ng/ml



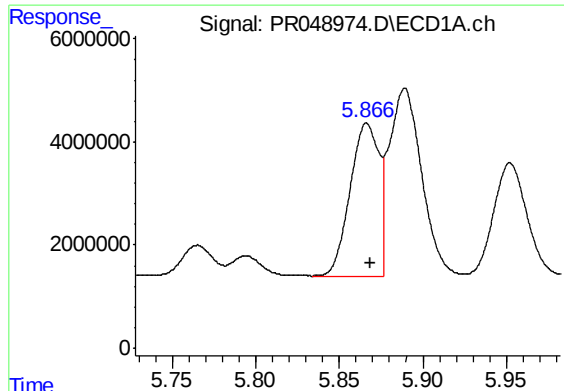
#20 AR-1242-5

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 3986300
Conc: 60.38 ng/ml



#20 AR-1242-5

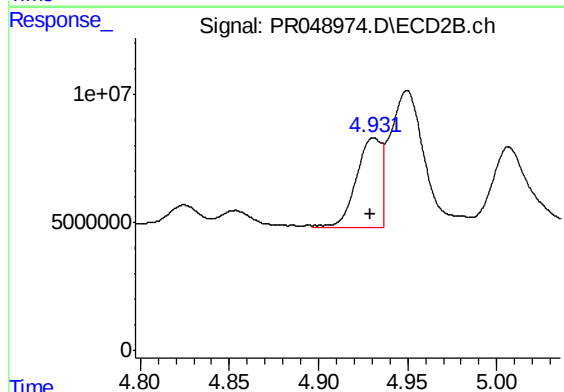
R.T.: 5.735 min
Delta R.T.: 0.002 min
Response: 16762822
Conc: 257.99 ng/ml



#21 AR-1248-1

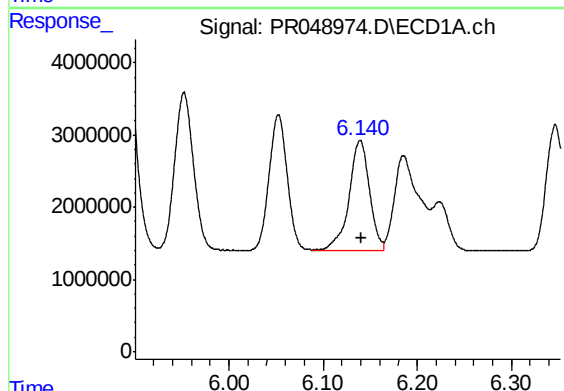
R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 35540529
Conc: 588.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



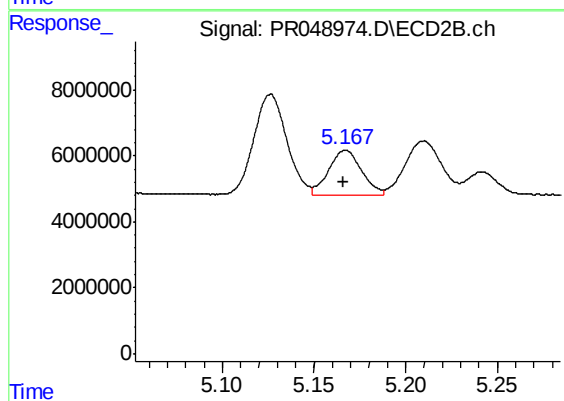
#21 AR-1248-1

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 33644084
Conc: 713.48 ng/ml



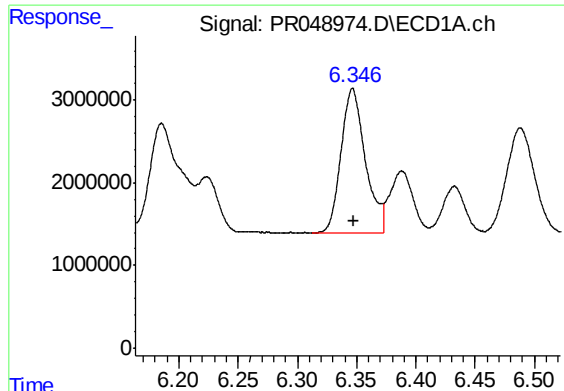
#22 AR-1248-2

R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 23363048
Conc: 275.28 ng/ml



#22 AR-1248-2

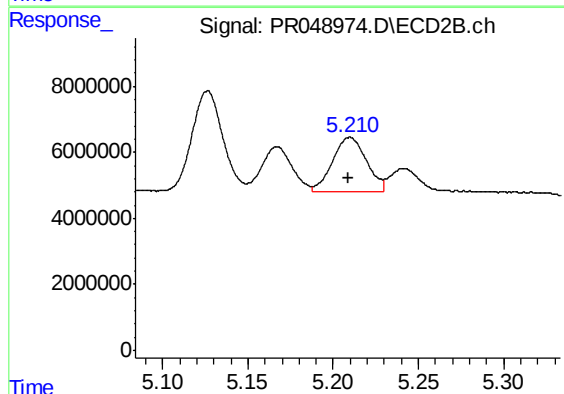
R.T.: 5.167 min
Delta R.T.: 0.001 min
Response: 16966814
Conc: 323.85 ng/ml



#23 AR-1248-3

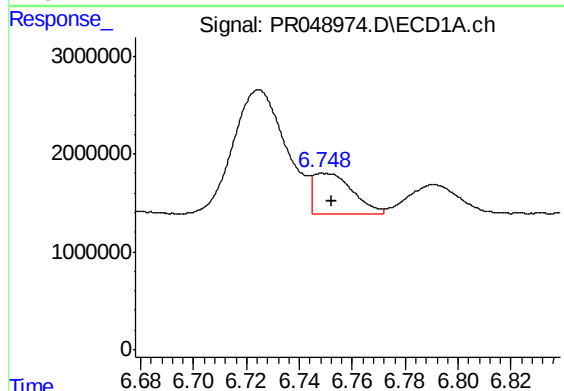
R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 25071297
Conc: 272.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



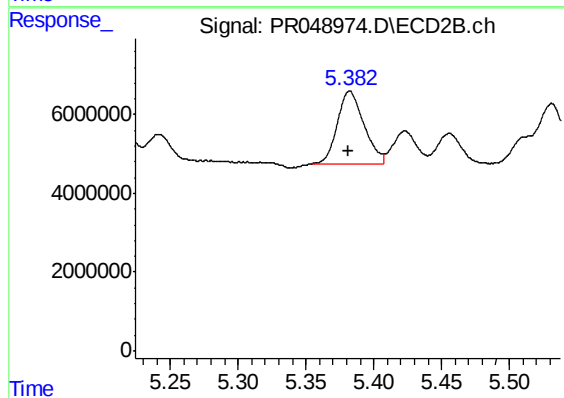
#23 AR-1248-3

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 22681543
Conc: 371.62 ng/ml



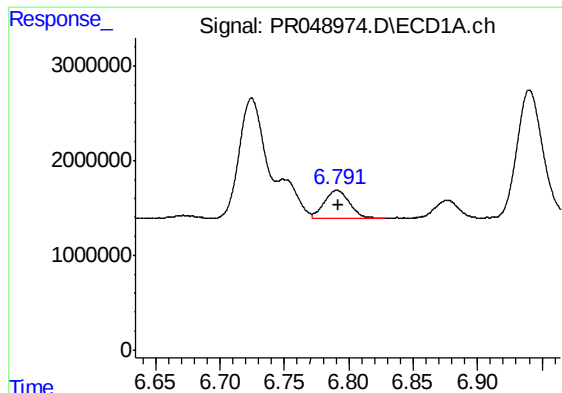
#24 AR-1248-4

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 4206575
Conc: 38.50 ng/ml



#24 AR-1248-4

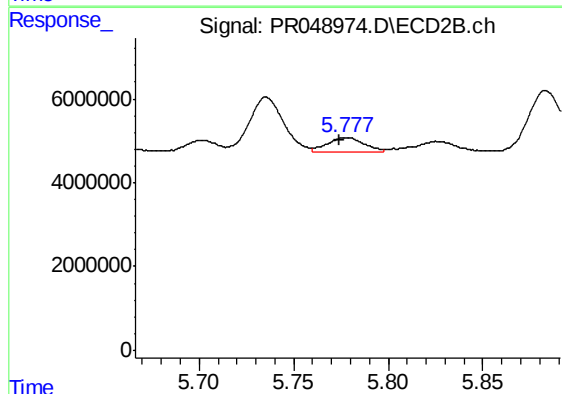
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 25064775
Conc: 324.69 ng/ml



#25 AR-1248-5

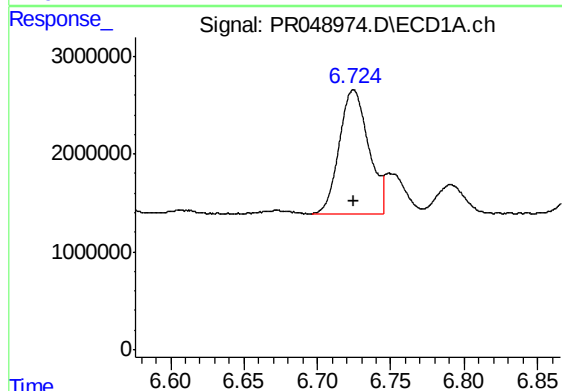
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 3986300
Conc: 37.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



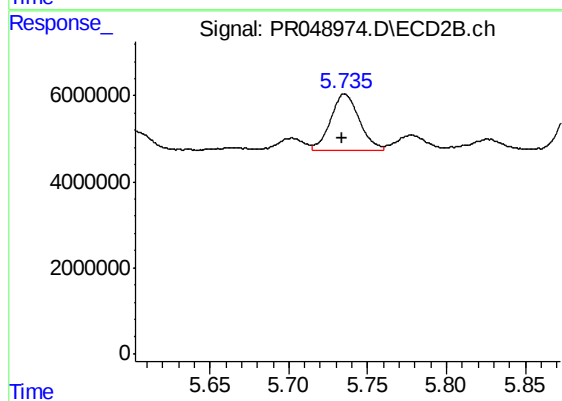
#25 AR-1248-5

R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 4907515
Conc: 45.55 ng/ml



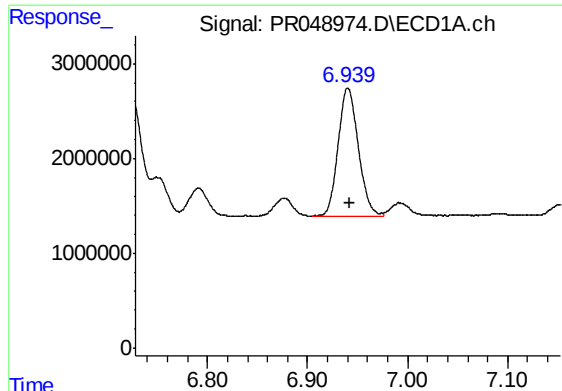
#26 AR-1254-1

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 17592523
Conc: 160.56 ng/ml



#26 AR-1254-1

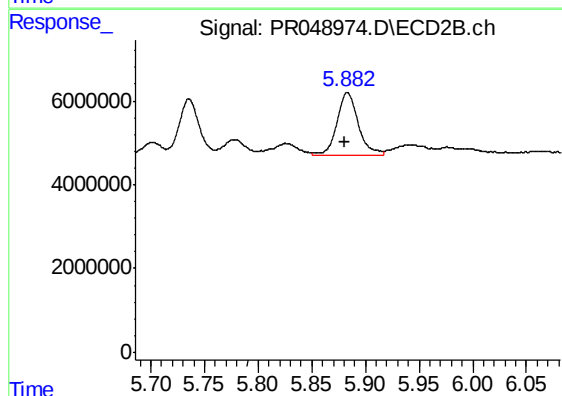
R.T.: 5.735 min
Delta R.T.: 0.001 min
Response: 16762822
Conc: 140.07 ng/ml



#27 AR-1254-2

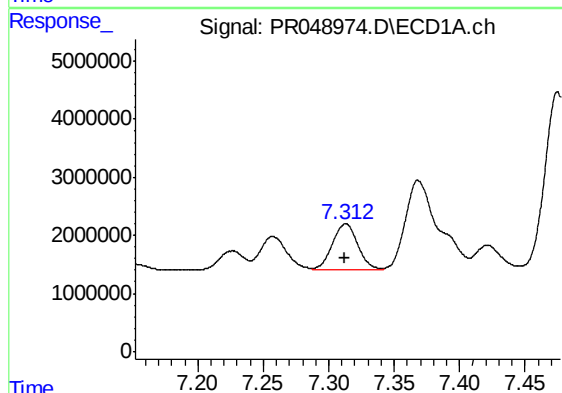
R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 18973521
Conc: 113.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



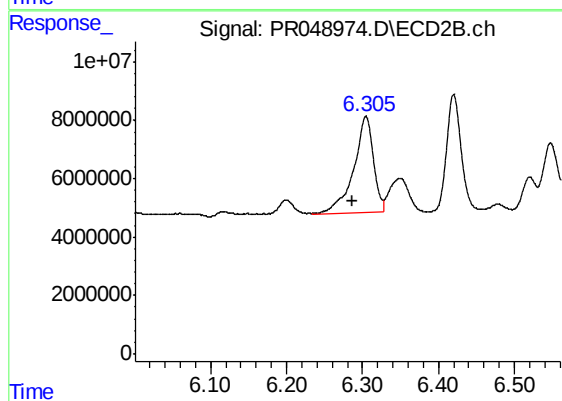
#27 AR-1254-2

R.T.: 5.883 min
Delta R.T.: 0.002 min
Response: 20268952
Conc: 164.20 ng/ml



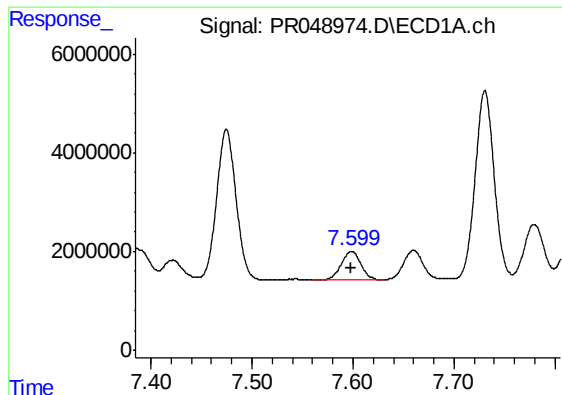
#28 AR-1254-3

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 10762405
Conc: 61.63 ng/ml



#28 AR-1254-3

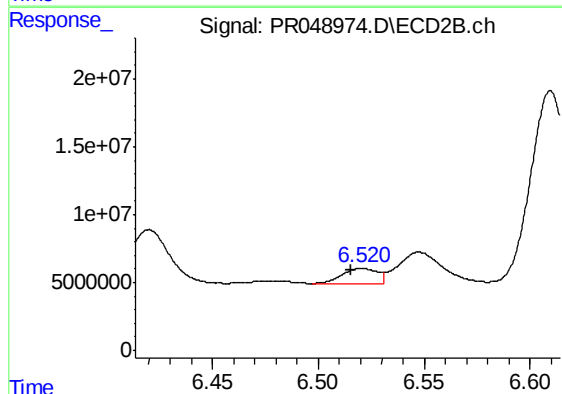
R.T.: 6.305 min
Delta R.T.: 0.018 min
Response: 60078713
Conc: 238.12 ng/ml



#29 AR-1254-4

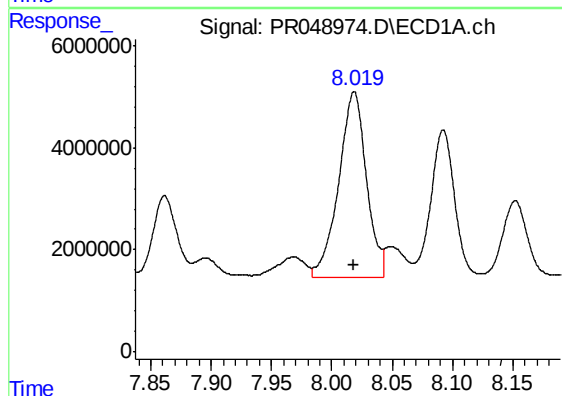
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 7948917
Conc: 58.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



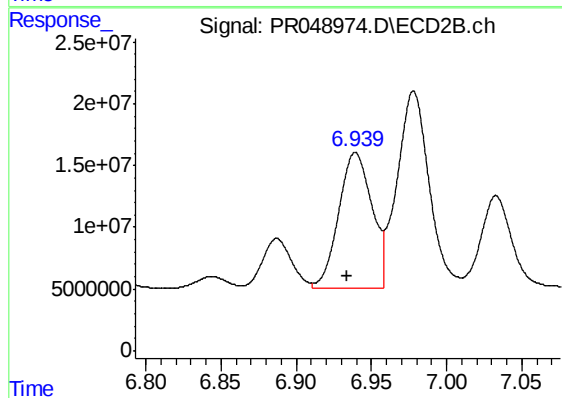
#29 AR-1254-4

R.T.: 6.521 min
Delta R.T.: 0.005 min
Response: 13128907
Conc: 42.72 ng/ml



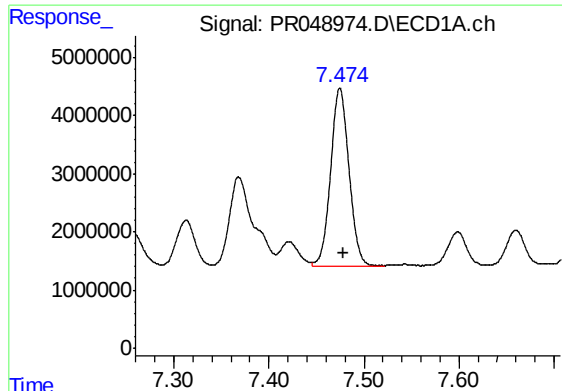
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 58539508
Conc: 408.46 ng/ml



#30 AR-1254-5

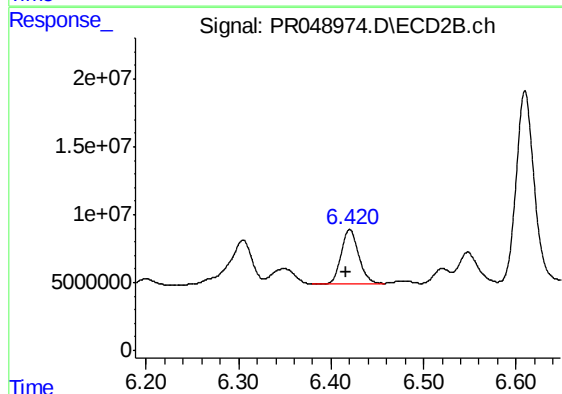
R.T.: 6.939 min
Delta R.T.: 0.006 min
Response: 169391349
Conc: 387.90 ng/ml



#31 AR-1260-1

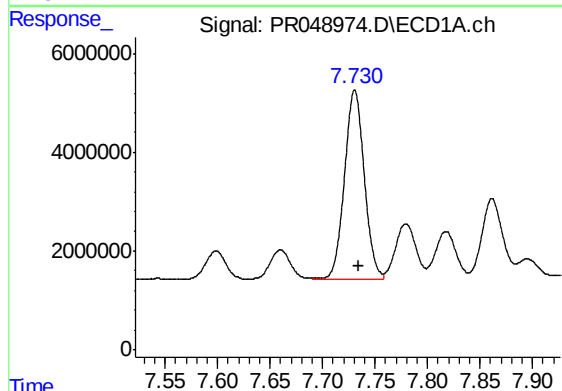
R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 41081627
Conc: 339.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



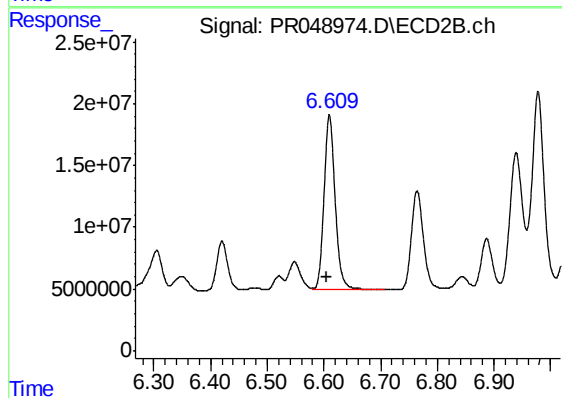
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.003 min
Response: 52816829
Conc: 413.25 ng/ml



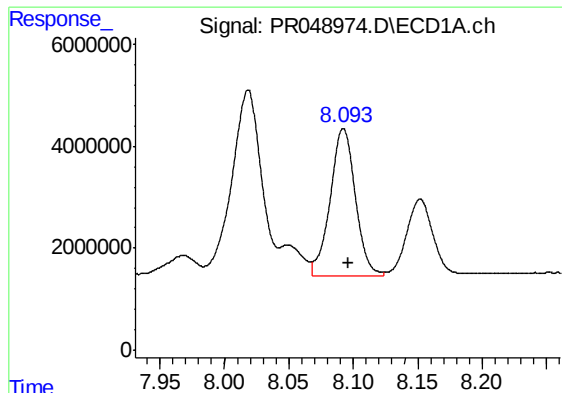
#32 AR-1260-2

R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 50413578
Conc: 335.67 ng/ml



#32 AR-1260-2

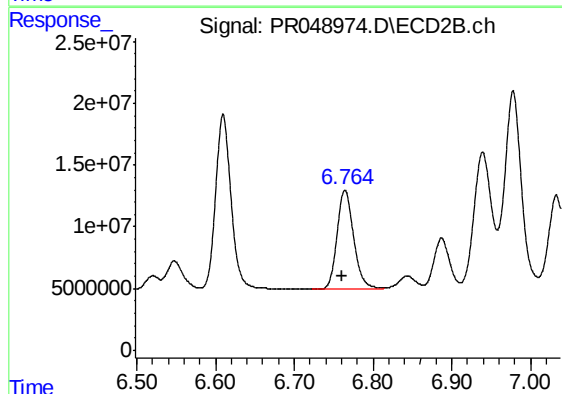
R.T.: 6.610 min
Delta R.T.: 0.005 min
Response: 193841526
Conc: 418.85 ng/ml



#33 AR-1260-3

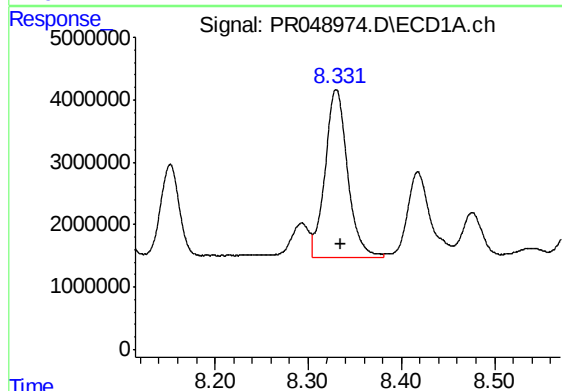
R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 39652428
Conc: 343.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



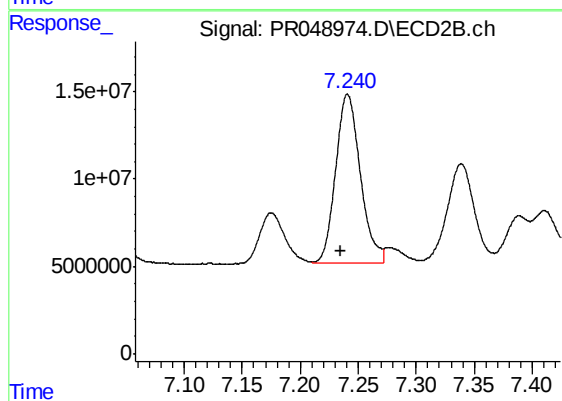
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.004 min
Response: 116666486
Conc: 414.97 ng/ml



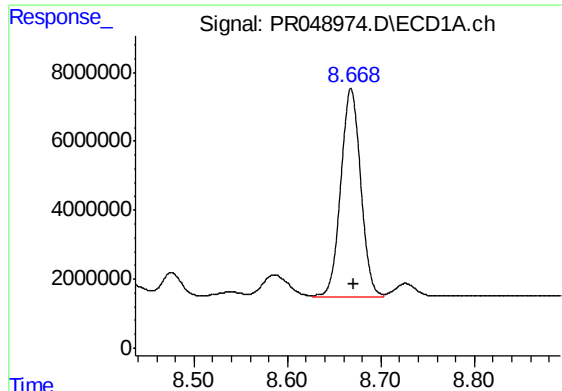
#34 AR-1260-4

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 45028786
Conc: 339.47 ng/ml



#34 AR-1260-4

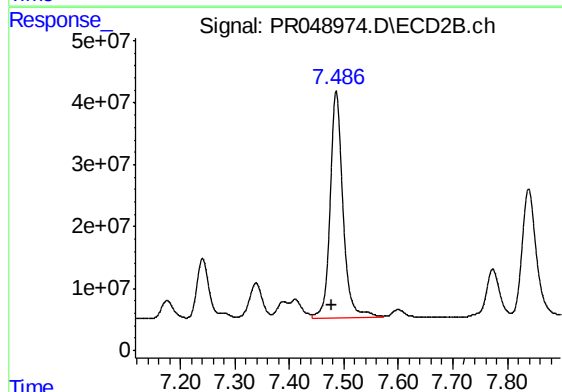
R.T.: 7.241 min
Delta R.T.: 0.006 min
Response: 143966021
Conc: 423.01 ng/ml



#35 AR-1260-5

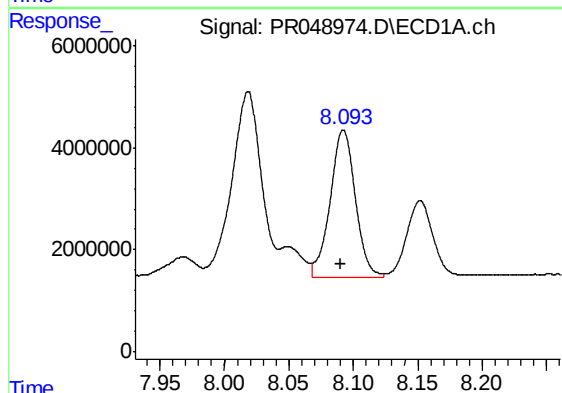
R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 89241078
Conc: 334.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



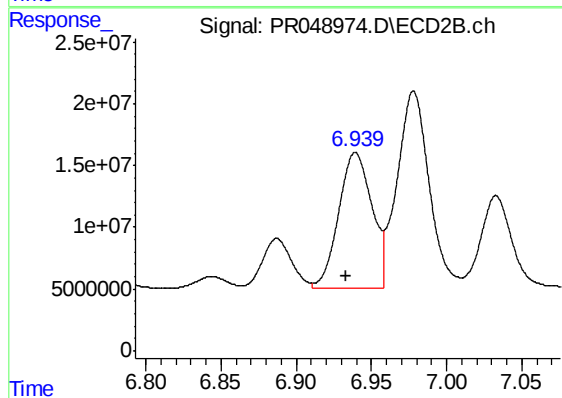
#35 AR-1260-5

R.T.: 7.486 min
Delta R.T.: 0.008 min
Response: 603211199
Conc: 425.82 ng/ml



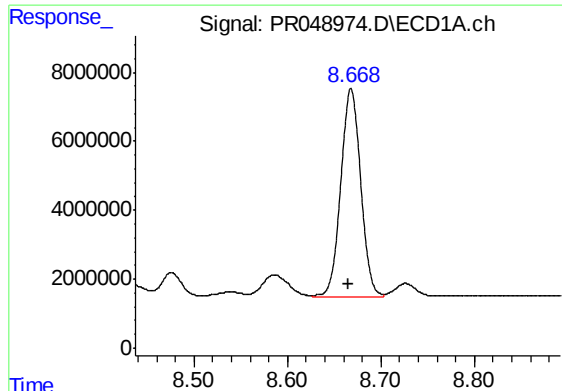
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: 0.002 min
Response: 39652428
Conc: 236.13 ng/ml



#36 AR-1262-1

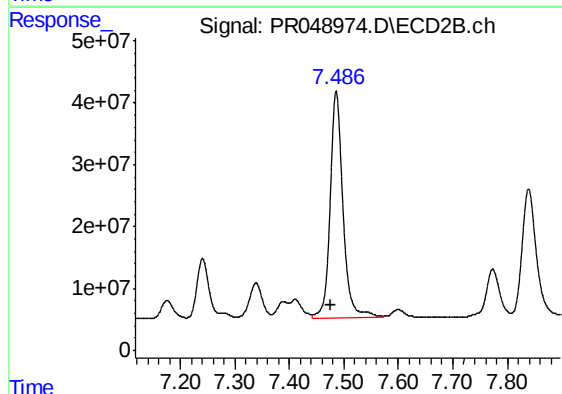
R.T.: 6.939 min
Delta R.T.: 0.007 min
Response: 169391349
Conc: 731.22 ng/ml



#37 AR-1262-2

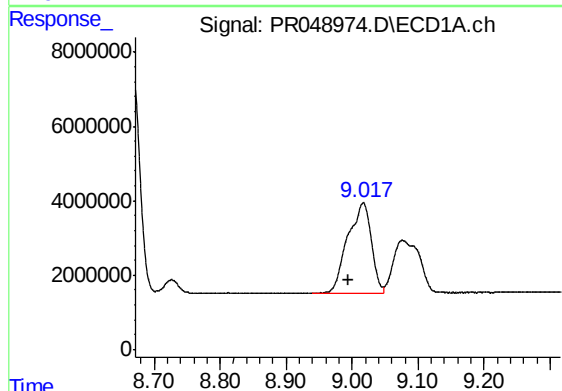
R.T.: 8.668 min
Delta R.T.: 0.002 min
Response: 89241078
Conc: 293.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



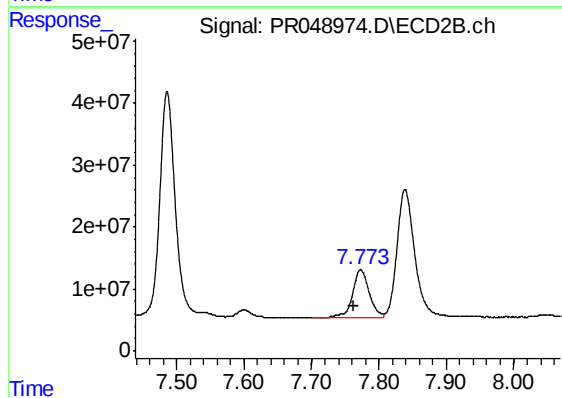
#37 AR-1262-2

R.T.: 7.486 min
Delta R.T.: 0.010 min
Response: 603211199
Conc: 394.08 ng/ml



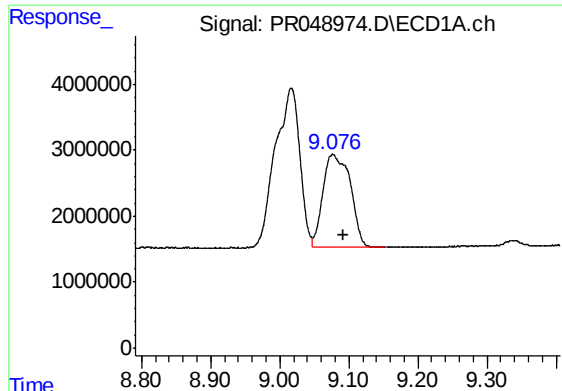
#38 AR-1262-3

R.T.: 9.017 min
Delta R.T.: 0.022 min
Response: 59774149
Conc: 280.13 ng/ml



#38 AR-1262-3

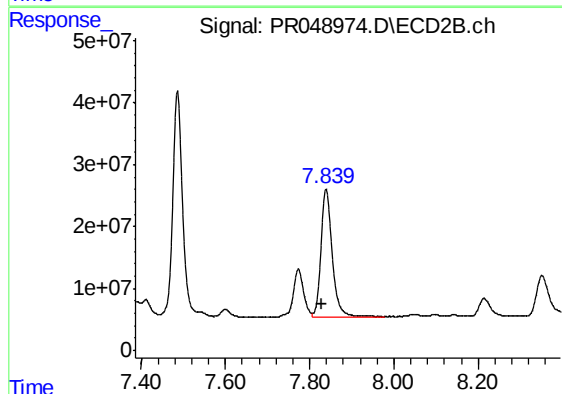
R.T.: 7.773 min
Delta R.T.: 0.011 min
Response: 133075082
Conc: 208.10 ng/ml



#39 AR-1262-4

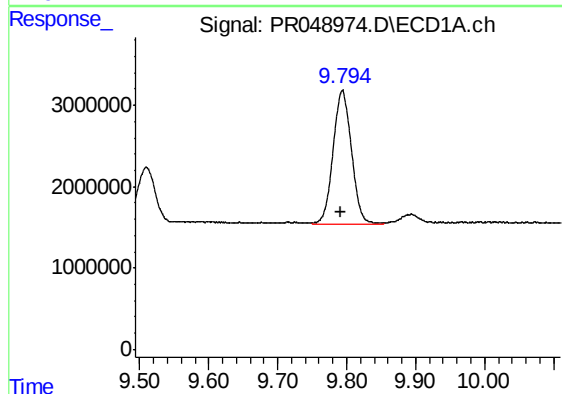
R.T.: 9.077 min
Delta R.T.: -0.015 min
Response: 39021001
Conc: 236.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



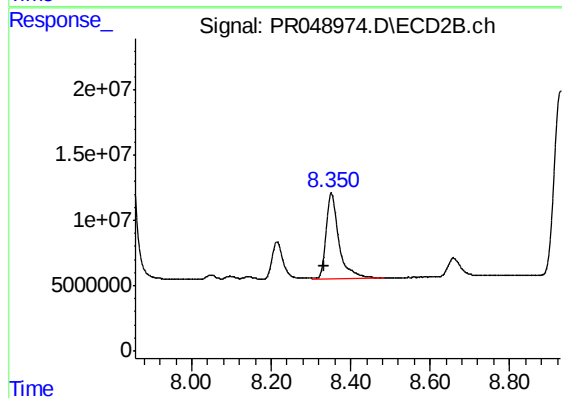
#39 AR-1262-4

R.T.: 7.839 min
Delta R.T.: 0.012 min
Response: 382600253
Conc: 361.71 ng/ml



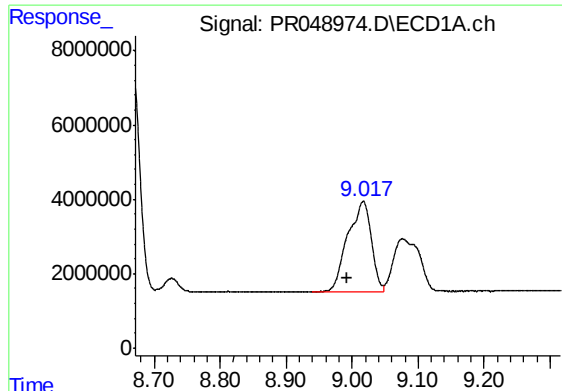
#40 AR-1262-5

R.T.: 9.794 min
Delta R.T.: 0.002 min
Response: 30734211
Conc: 250.95 ng/ml



#40 AR-1262-5

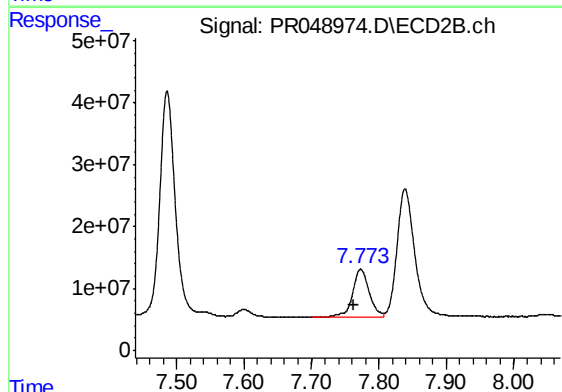
R.T.: 8.351 min
Delta R.T.: 0.017 min
Response: 146077757
Conc: 357.42 ng/ml



#41 AR-1268-1

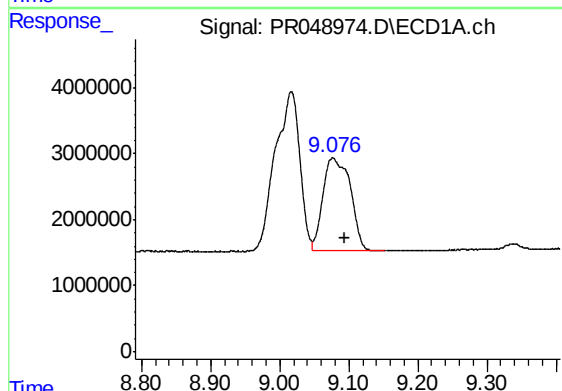
R.T.: 9.017 min
Delta R.T.: 0.023 min
Response: 59774149
Conc: 161.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



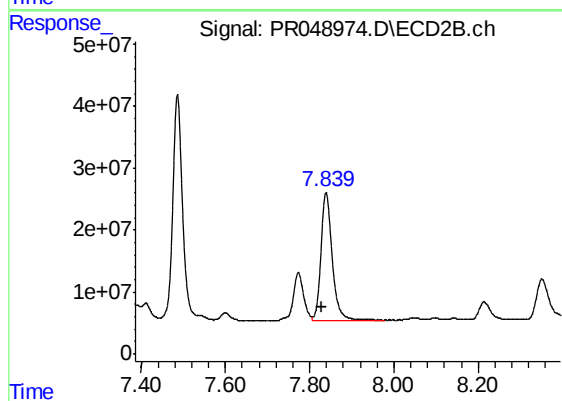
#41 AR-1268-1

R.T.: 7.773 min
Delta R.T.: 0.010 min
Response: 133075082
Conc: 68.17 ng/ml



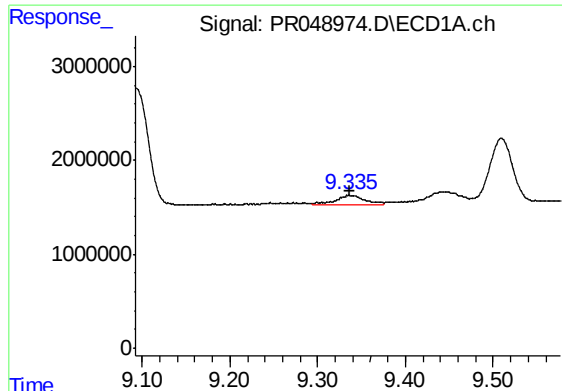
#42 AR-1268-2

R.T.: 9.077 min
Delta R.T.: -0.017 min
Response: 39021001
Conc: 112.62 ng/ml



#42 AR-1268-2

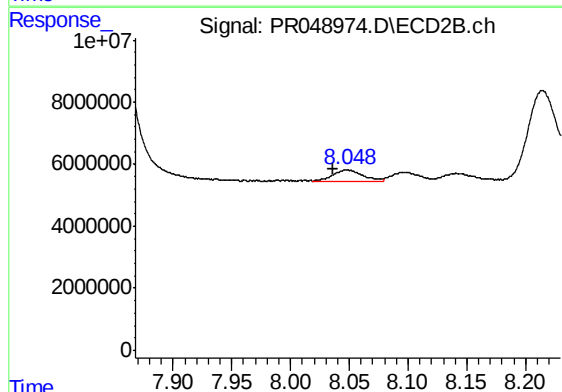
R.T.: 7.839 min
Delta R.T.: 0.010 min
Response: 382600253
Conc: 223.83 ng/ml



#43 AR-1268-3

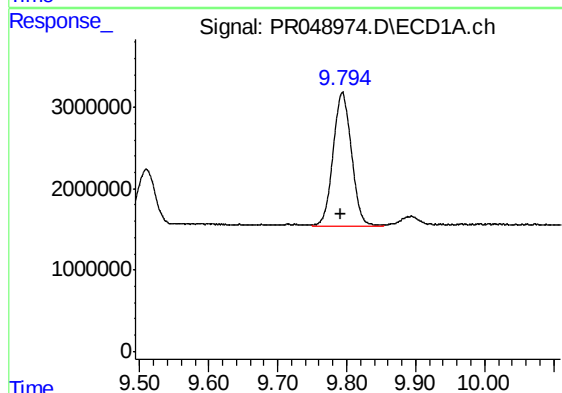
R.T.: 9.338 min
Delta R.T.: 0.002 min
Response: 2292291
Conc: 7.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



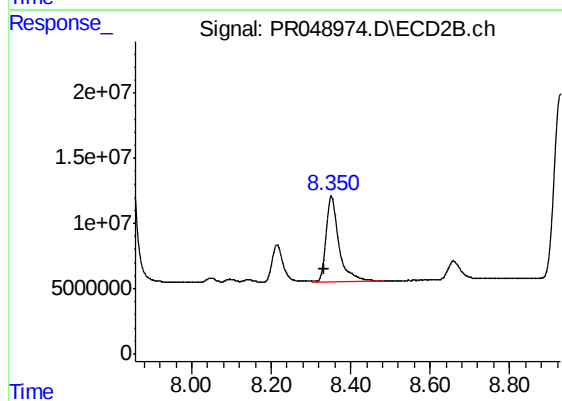
#43 AR-1268-3

R.T.: 8.048 min
Delta R.T.: 0.011 min
Response: 6804757
Conc: 4.63 ng/ml



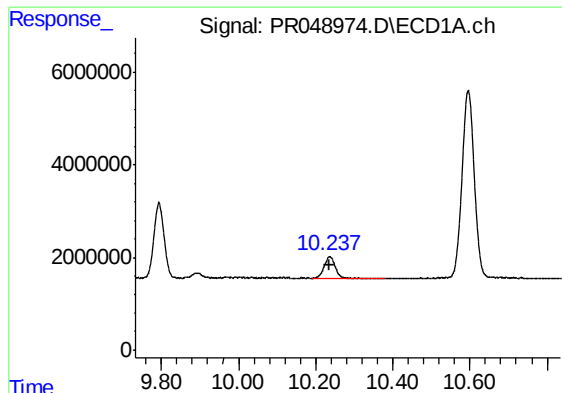
#44 AR-1268-4

R.T.: 9.794 min
Delta R.T.: 0.002 min
Response: 30734211
Conc: 226.31 ng/ml



#44 AR-1268-4

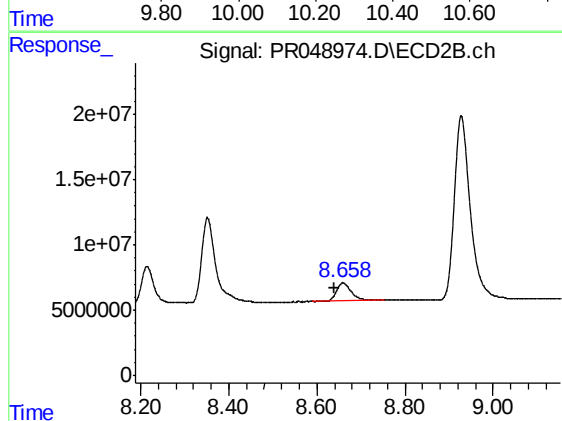
R.T.: 8.351 min
Delta R.T.: 0.017 min
Response: 146077757
Conc: 296.03 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.002 min
Response: 9850100
Conc: 9.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



#45 AR-1268-5

R.T.: 8.659 min
Delta R.T.: 0.018 min
Response: 32376886
Conc: 8.17 ng/ml