

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071621\
 Data File : PR051262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2021 12:45
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603261

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 05:39:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062821CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 29 05:37:58 2021
 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...	4.629	3.809	137.9E6	117.8E6	19.012	18.335
2)	SA Decachlor...	10.510	8.836	312.7E6	268.3E6	46.191	40.777
Target Compounds							
3)	L1 AR-1016-1	5.813	4.894	111.1E6	87693952	372.198	380.991
4)	L1 AR-1016-2	5.836	4.913	164.8E6	127.3E6	378.160	357.718
5)	L1 AR-1016-3	5.898	5.089	96617367	68123772	380.072	371.096
6)	L1 AR-1016-4	5.999	5.130	82178862	52182986	388.553	351.264
7)	L1 AR-1016-5	6.293	5.343	78947164	69733376	385.184	360.317
8)	L2 AR-1221-1	4.839	4.020	8766938	8315117	107.089	117.342
9)	L2 AR-1221-2	4.931	4.107	11601255	10103685	201.742	199.353
10)	L2 AR-1221-3	5.009	4.183	46232296	42541021	237.348	247.876
11)	L3 AR-1232-1	5.009	4.183	46232296	42541021	316.333	330.065
12)	L3 AR-1232-2	5.544	4.913	75596955	127.3E6	972.259	929.615
13)	L3 AR-1232-3	5.836	5.089	164.8E6	68123772	977.191	971.877
14)	L3 AR-1232-4	5.999	5.172	82178862	64220872	979.500	1037.109
15)	L3 AR-1232-5	6.085	5.343	68826930	69733376	1116.177	1017.817
16)	L4 AR-1242-1	5.813	4.894	111.1E6	87693952	551.898	566.287
17)	L4 AR-1242-2	5.836	4.913	164.8E6	127.3E6	568.104	548.207
18)	L4 AR-1242-3	5.898	5.089	96617367	68123772	552.937	555.345
19)	L4 AR-1242-4	5.999	5.172	82178862	64220872	567.340	534.836
20)	L4 AR-1242-5	6.738	5.694	12254635	51760281	75.370	319.918 #
21)	L5 AR-1248-1	5.813	4.894	111.1E6	87693952	682.773	687.762
22)	L5 AR-1248-2	6.085	5.130	68826930	52182986	295.732	280.699
23)	L5 AR-1248-3	6.293	5.172	78947164	64220872	300.816	326.355
24)	L5 AR-1248-4	6.698	5.343	15079167	69733376	47.351	289.004 #
25)	L5 AR-1248-5	6.738	5.735	12254635	9281670	39.731	37.574
26)	L6 AR-1254-1	6.670	5.694	55169717	51760281	234.431	177.997
27)	L6 AR-1254-2	6.887	5.840	60105619	46810948	162.503	181.237
28)	L6 AR-1254-3	7.259	6.259	33990726	114.8E6	87.206	259.329 #
29)	L6 AR-1254-4	7.545	6.471	26870004	13857501	95.792	55.868 #
30)	L6 AR-1254-5	7.965	6.888	207.4E6	187.4E6	696.474	482.751 #
31)	L7 AR-1260-1	7.419	6.373	143.0E6	131.6E6	401.028	350.086
32)	L7 AR-1260-2	7.677	6.560	185.3E6	162.4E6	432.289	358.044
33)	L7 AR-1260-3	8.037	6.714	145.1E6	155.9E6	439.542	357.146
34)	L7 AR-1260-4	8.273	7.186	149.7E6	134.0E6	414.186	356.318
35)	L7 AR-1260-5	8.610	7.426	343.2E6	339.9E6	496.726	425.588
36)	L8 AR-1262-1	8.037	6.888	145.1E6	187.4E6	260.970	628.034 #
37)	L8 AR-1262-2	8.610	7.426	343.2E6	339.9E6	348.356	313.962
38)	L8 AR-1262-3	8.934	7.711	76892794	74064771	118.459	176.691 #
39)	L8 AR-1262-4	9.012	7.773	134.1E6	245.2E6	266.830	308.034
40)	L8 AR-1262-5	9.725	8.274	100.4E6	89393174	291.054	257.516
41)	L9 AR-1268-1	8.934	7.711	76892794	74064771	52.244	49.060
42)	L9 AR-1268-2	9.012	7.773	134.1E6	245.2E6	97.108	176.323 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071621\
 Data File : PR051262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2021 12:45
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

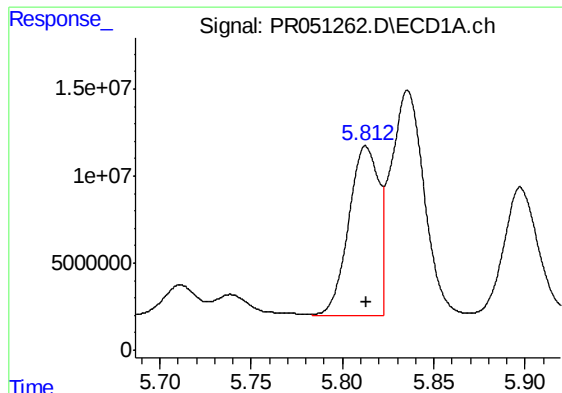
Instrument :
 ECD_R
 ClientSampleId :
 AR16603261

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 05:39:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062821CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 29 05:37:58 2021
 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	9.268	7.982	7055677	4422213	5.858	3.745 #
44) L9	AR-1268-4	9.725	8.274	100.4E6	89393174	214.581	189.846
45) L9	AR-1268-5	10.157	8.573	27166746	23747408	6.697	6.363

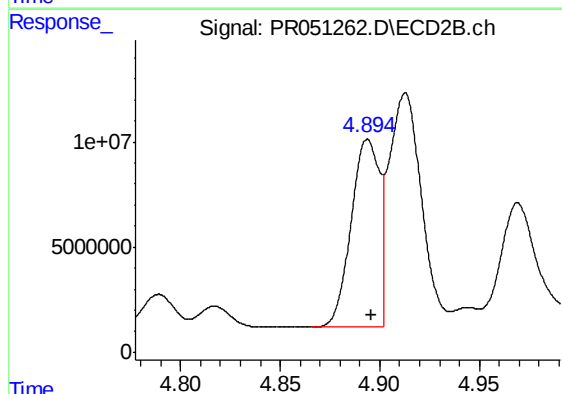
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

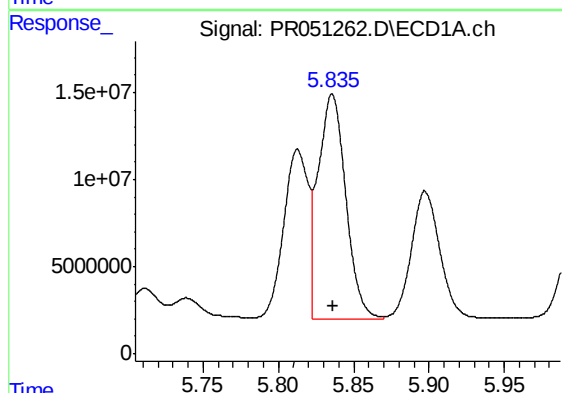
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 111076816
Conc: 372.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



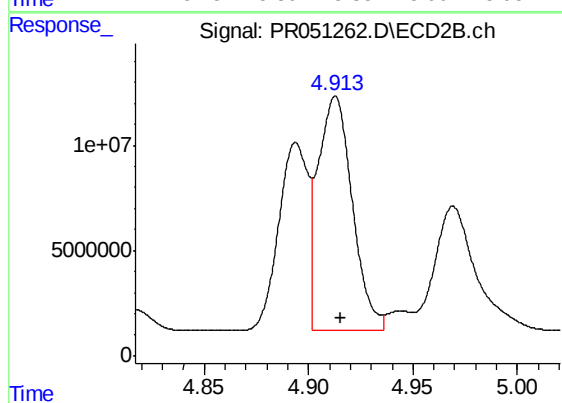
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: -0.002 min
Response: 87693952
Conc: 380.99 ng/ml



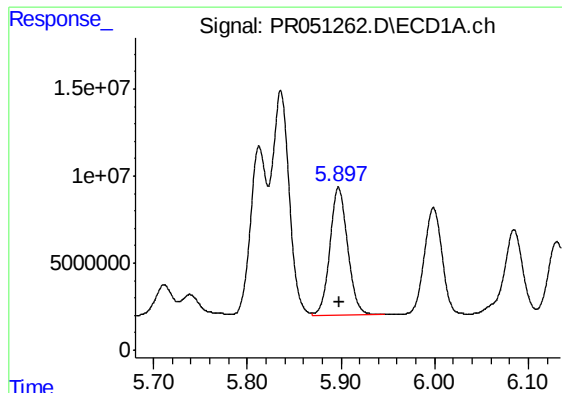
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 164754804
Conc: 378.16 ng/ml



#4 AR-1016-2

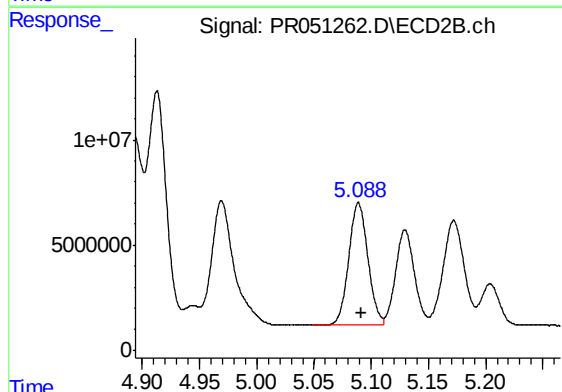
R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 127304999
Conc: 357.72 ng/ml



#5 AR-1016-3

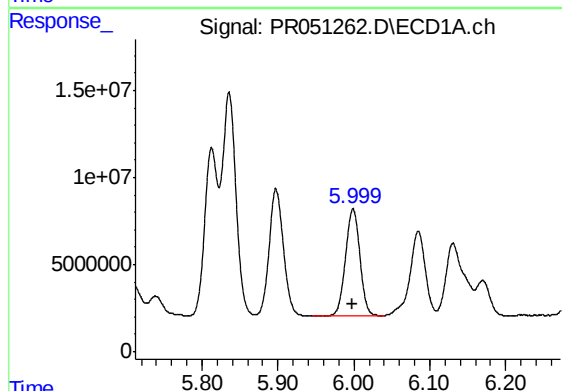
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 96617367
Conc: 380.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



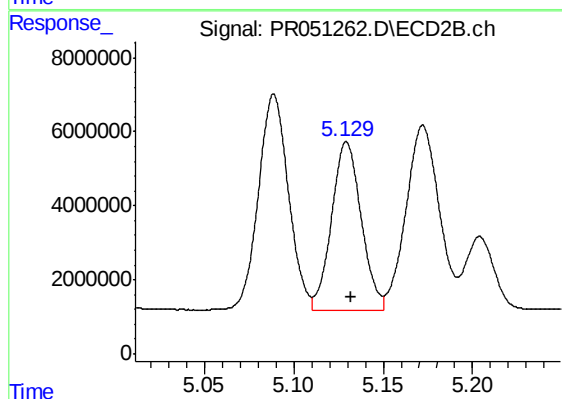
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 68123772
Conc: 371.10 ng/ml



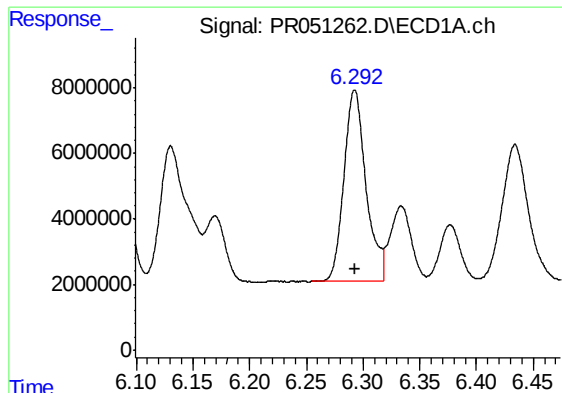
#6 AR-1016-4

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 82178862
Conc: 388.55 ng/ml



#6 AR-1016-4

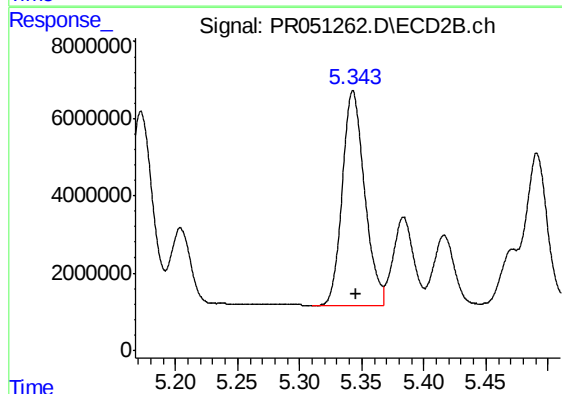
R.T.: 5.130 min
Delta R.T.: -0.002 min
Response: 52182986
Conc: 351.26 ng/ml



#7 AR-1016-5

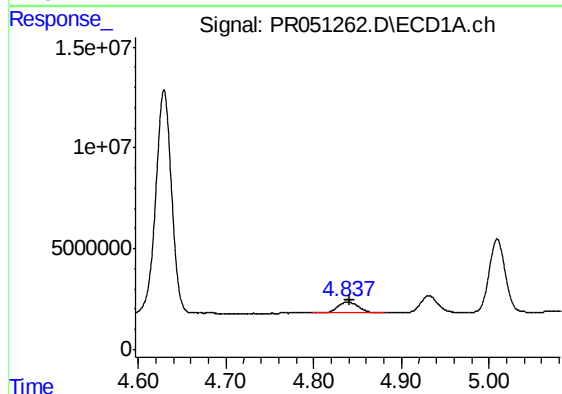
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 78947164
Conc: 385.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



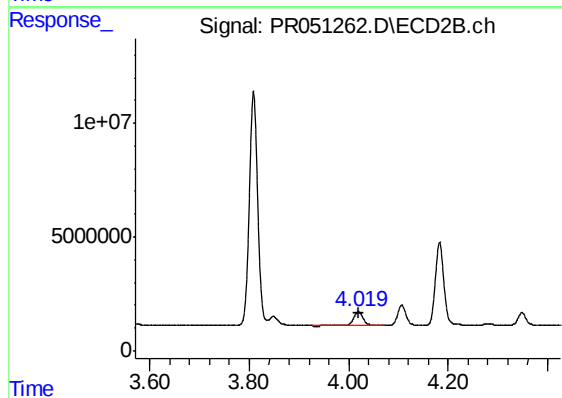
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 69733376
Conc: 360.32 ng/ml



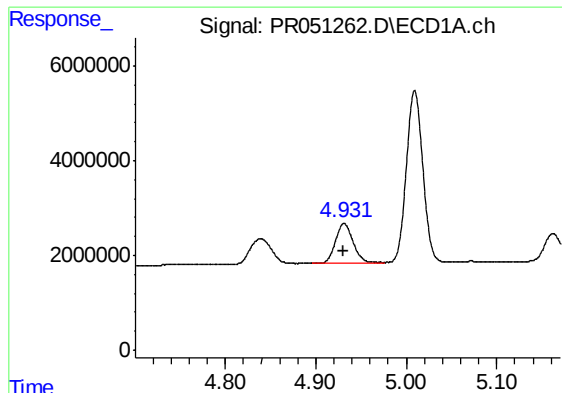
#8 AR-1221-1

R.T.: 4.839 min
Delta R.T.: -0.002 min
Response: 8766938
Conc: 107.09 ng/ml



#8 AR-1221-1

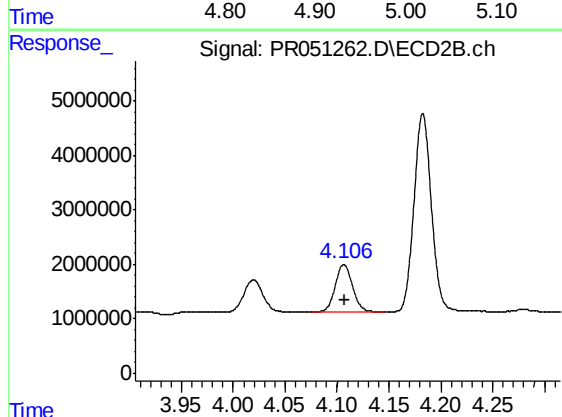
R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 8315117
Conc: 117.34 ng/ml



#9 AR-1221-2

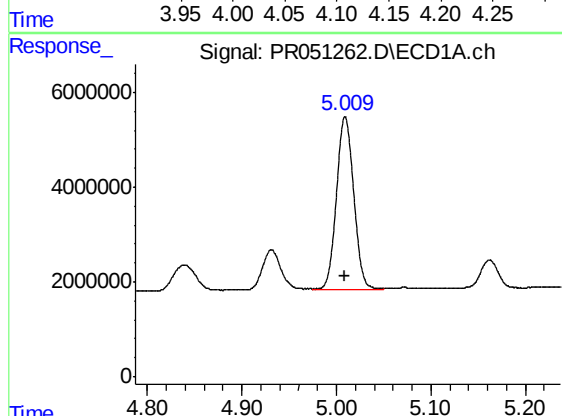
R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 11601255
Conc: 201.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



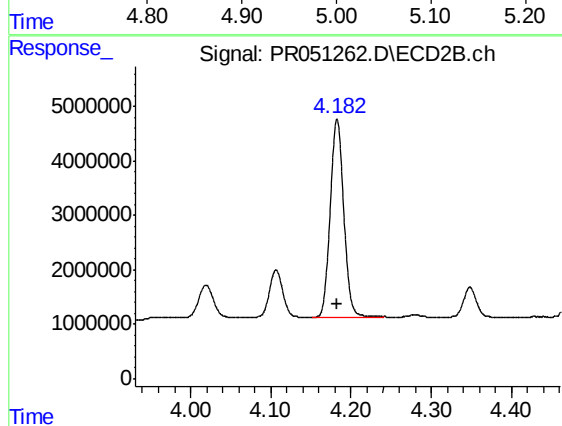
#9 AR-1221-2

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 10103685
Conc: 199.35 ng/ml



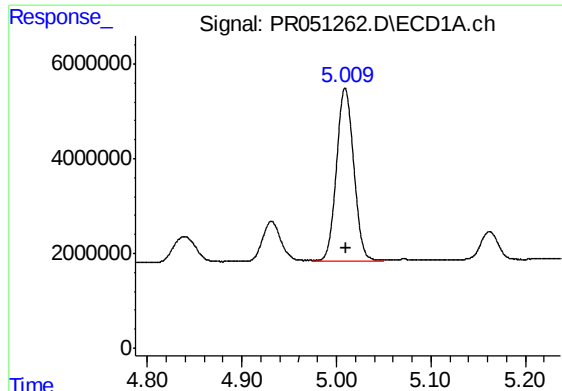
#10 AR-1221-3

R.T.: 5.009 min
Delta R.T.: 0.001 min
Response: 46232296
Conc: 237.35 ng/ml



#10 AR-1221-3

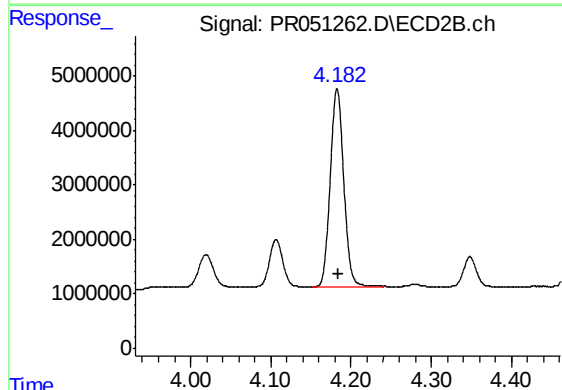
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 42541021
Conc: 247.88 ng/ml



#11 AR-1232-1

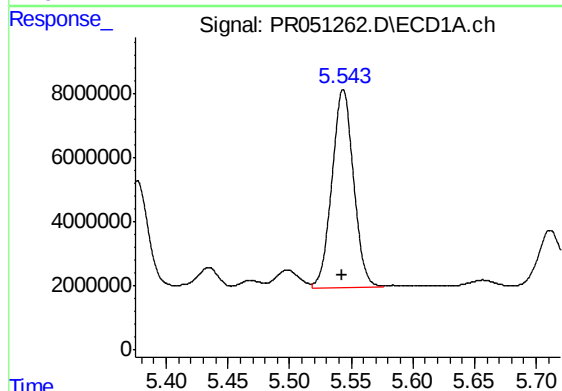
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 46232296
Conc: 316.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



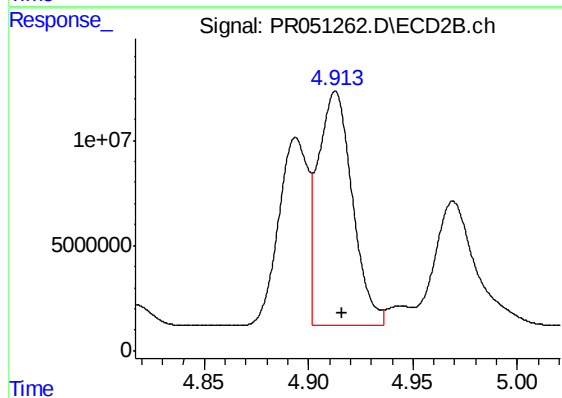
#11 AR-1232-1

R.T.: 4.183 min
Delta R.T.: -0.002 min
Response: 42541021
Conc: 330.06 ng/ml



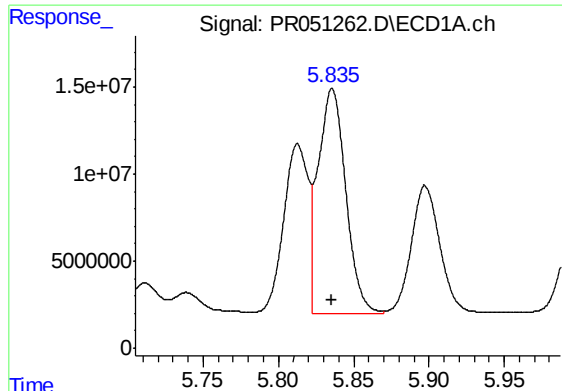
#12 AR-1232-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 75596955
Conc: 972.26 ng/ml



#12 AR-1232-2

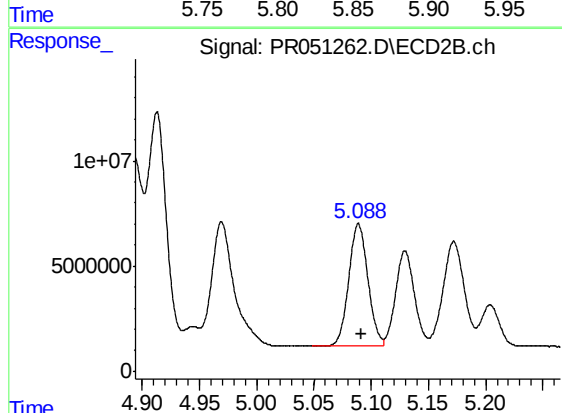
R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 127304999
Conc: 929.62 ng/ml



#13 AR-1232-3

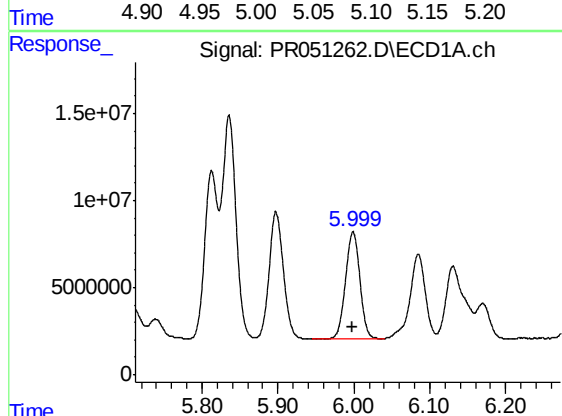
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 164754804
Conc: 977.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



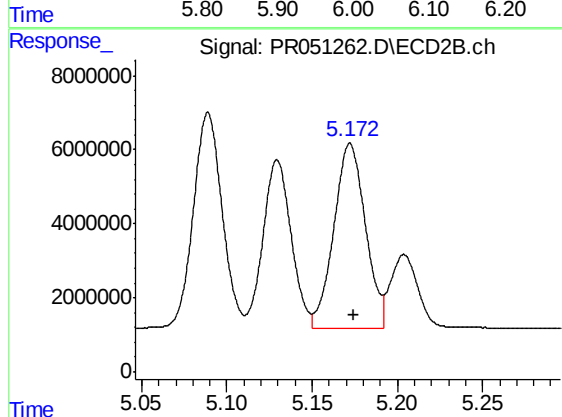
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 68123772
Conc: 971.88 ng/ml



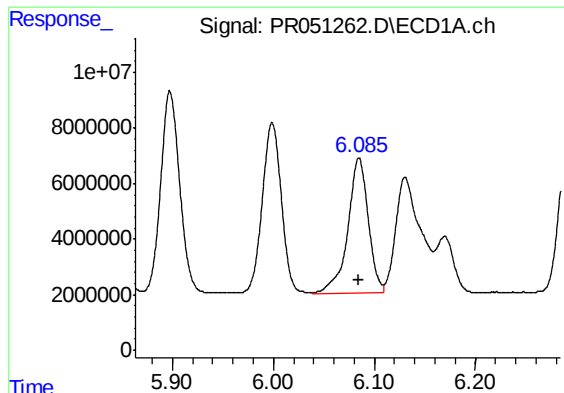
#14 AR-1232-4

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 82178862
Conc: 979.50 ng/ml



#14 AR-1232-4

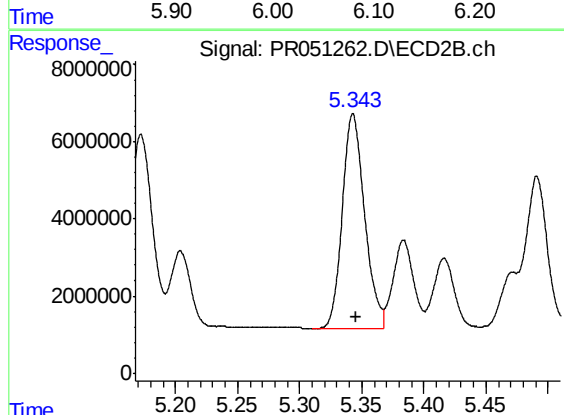
R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 64220872
Conc: 1037.11 ng/ml



#15 AR-1232-5

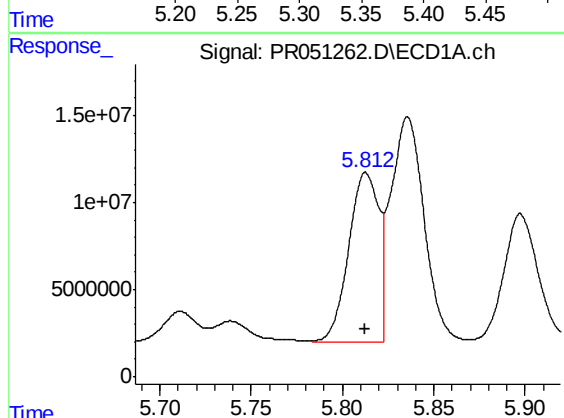
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 68826930
Conc: 1116.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



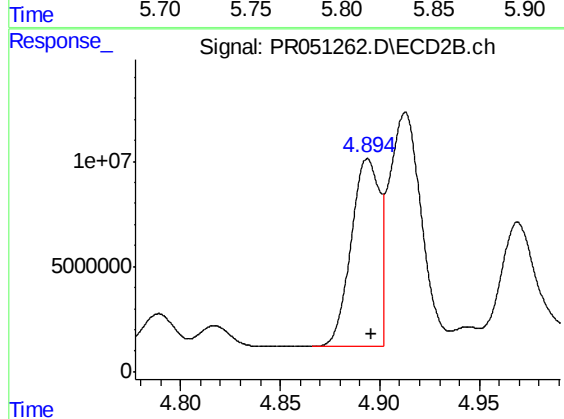
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 69733376
Conc: 1017.82 ng/ml



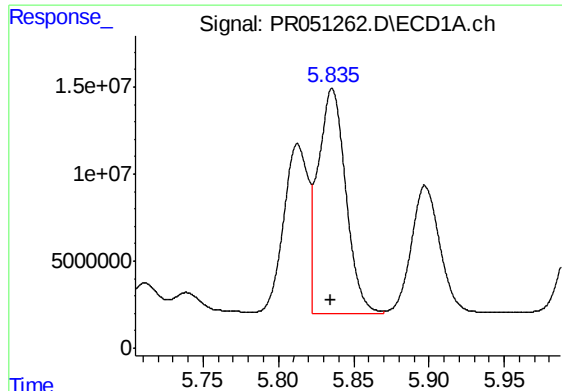
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 111076816
Conc: 551.90 ng/ml



#16 AR-1242-1

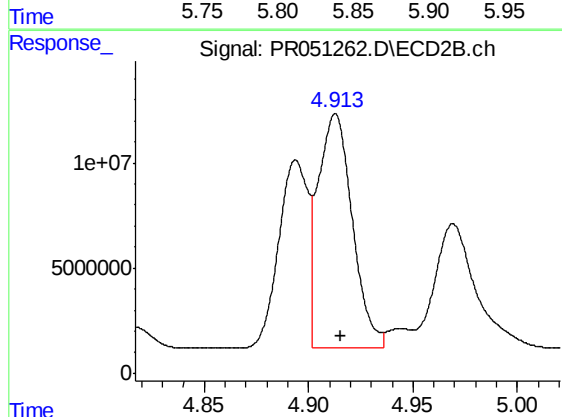
R.T.: 4.894 min
Delta R.T.: -0.002 min
Response: 87693952
Conc: 566.29 ng/ml



#17 AR-1242-2

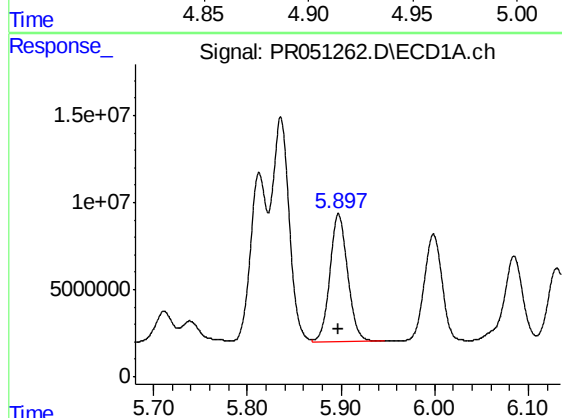
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 164754804
Conc: 568.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



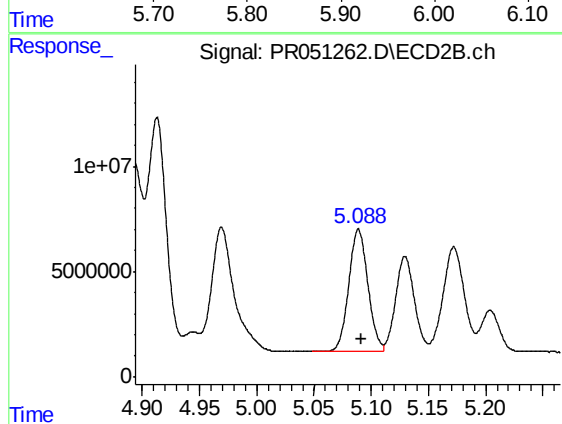
#17 AR-1242-2

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 127304999
Conc: 548.21 ng/ml



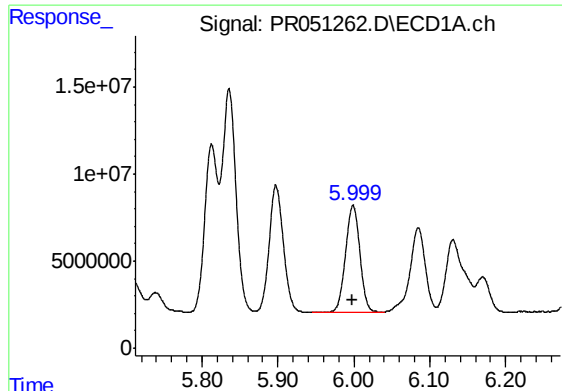
#18 AR-1242-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 96617367
Conc: 552.94 ng/ml



#18 AR-1242-3

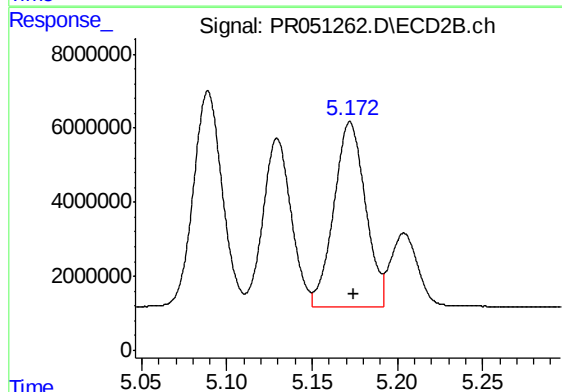
R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 68123772
Conc: 555.34 ng/ml



#19 AR-1242-4

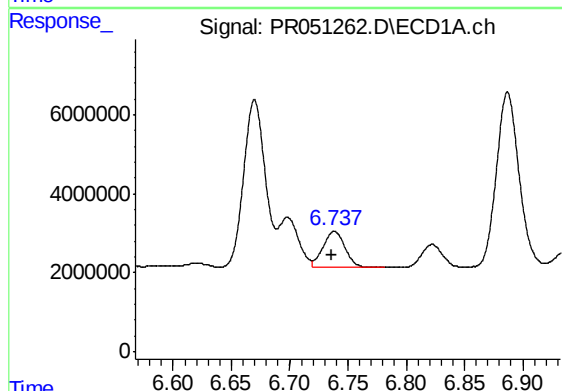
R.T.: 5.999 min
Delta R.T.: 0.001 min
Response: 82178862
Conc: 567.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



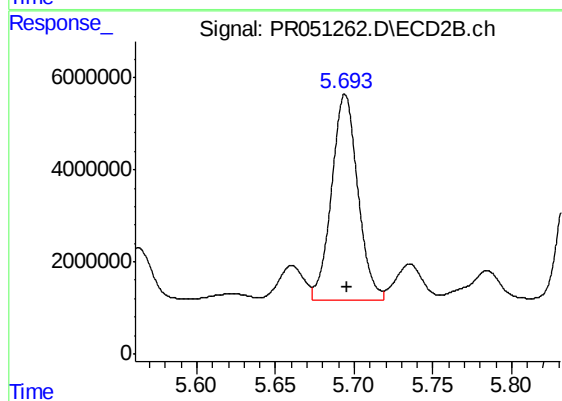
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 64220872
Conc: 534.84 ng/ml



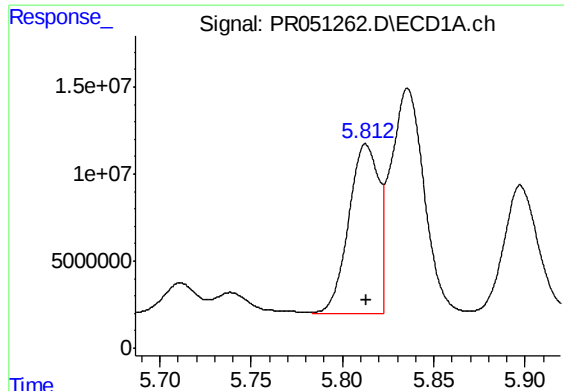
#20 AR-1242-5

R.T.: 6.738 min
Delta R.T.: 0.002 min
Response: 12254635
Conc: 75.37 ng/ml



#20 AR-1242-5

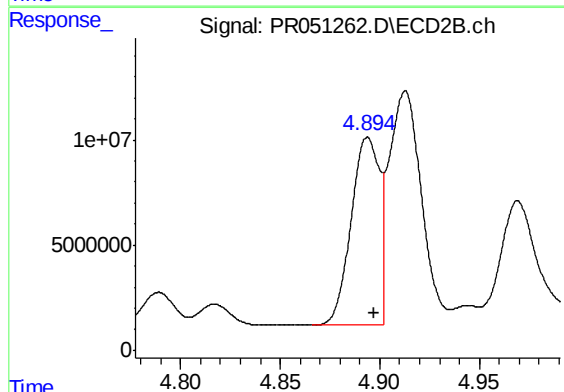
R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 51760281
Conc: 319.92 ng/ml



#21 AR-1248-1

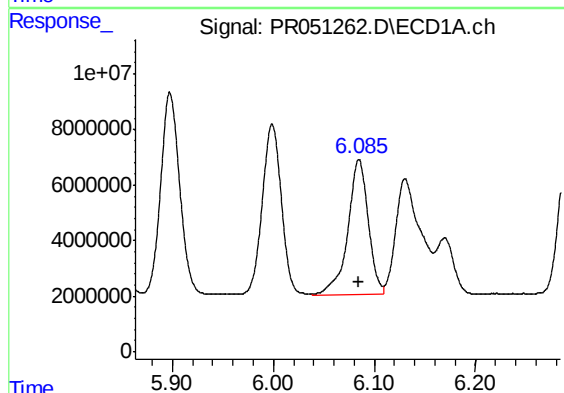
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 111076816
Conc: 682.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



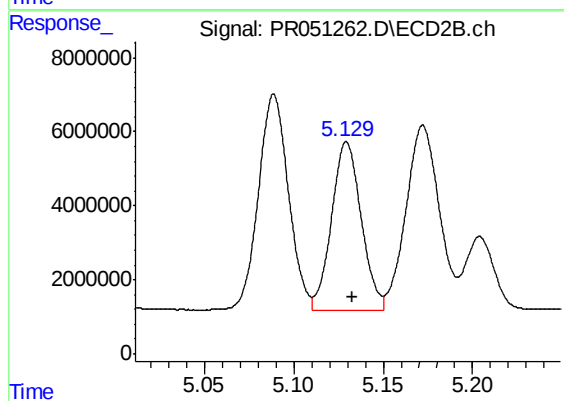
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: -0.003 min
Response: 87693952
Conc: 687.76 ng/ml



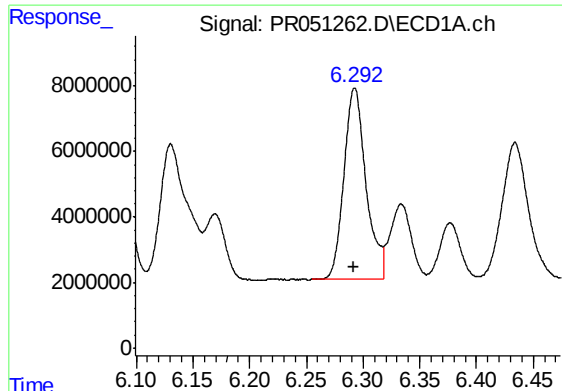
#22 AR-1248-2

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 68826930
Conc: 295.73 ng/ml



#22 AR-1248-2

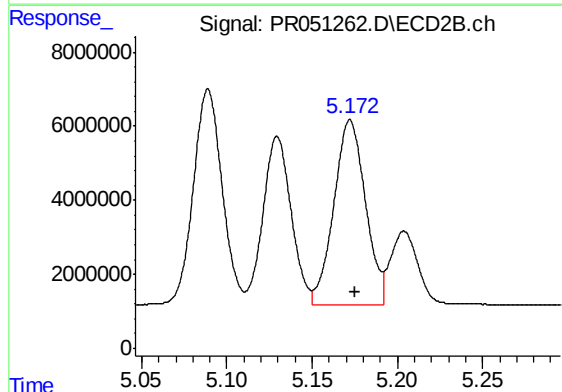
R.T.: 5.130 min
Delta R.T.: -0.003 min
Response: 52182986
Conc: 280.70 ng/ml



#23 AR-1248-3

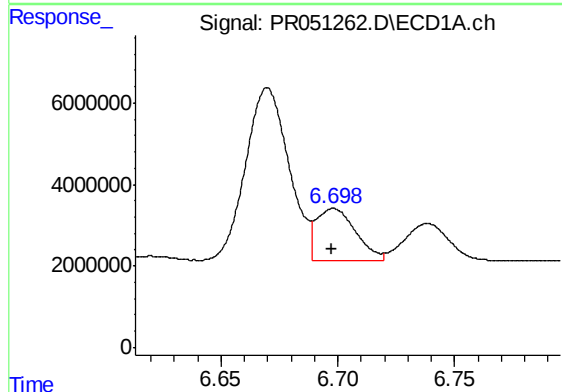
R.T.: 6.293 min
Delta R.T.: 0.001 min
Response: 78947164
Conc: 300.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



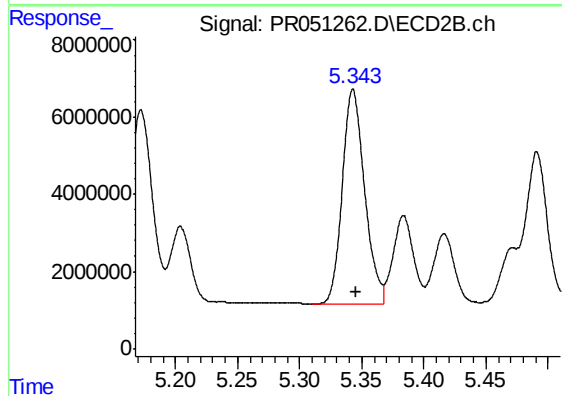
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: -0.003 min
Response: 64220872
Conc: 326.36 ng/ml



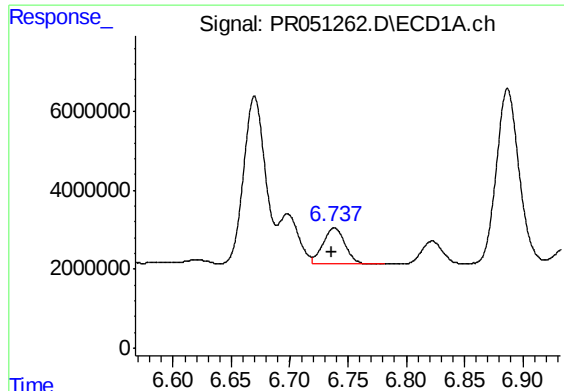
#24 AR-1248-4

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 15079167
Conc: 47.35 ng/ml



#24 AR-1248-4

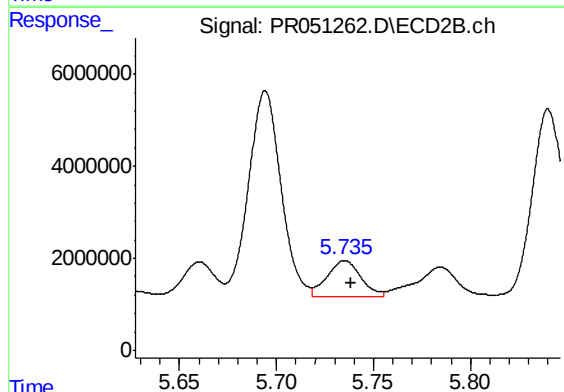
R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 69733376
Conc: 289.00 ng/ml



#25 AR-1248-5

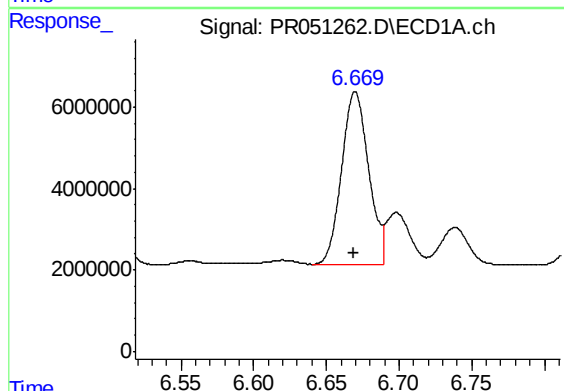
R.T.: 6.738 min
Delta R.T.: 0.002 min
Response: 12254635
Conc: 39.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



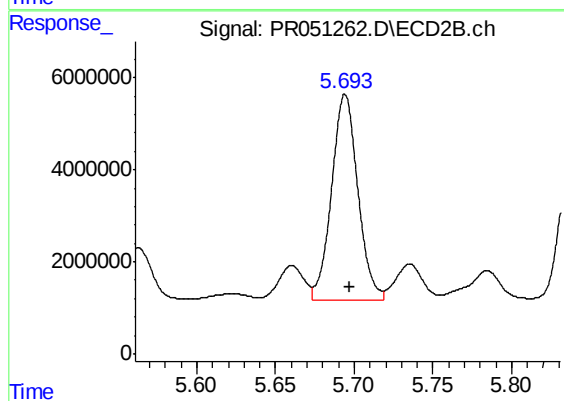
#25 AR-1248-5

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 9281670
Conc: 37.57 ng/ml



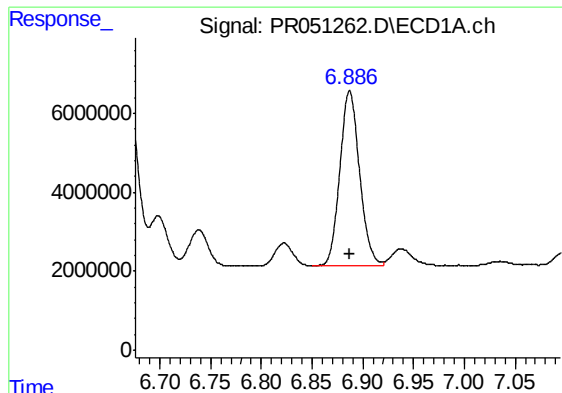
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.001 min
Response: 55169717
Conc: 234.43 ng/ml



#26 AR-1254-1

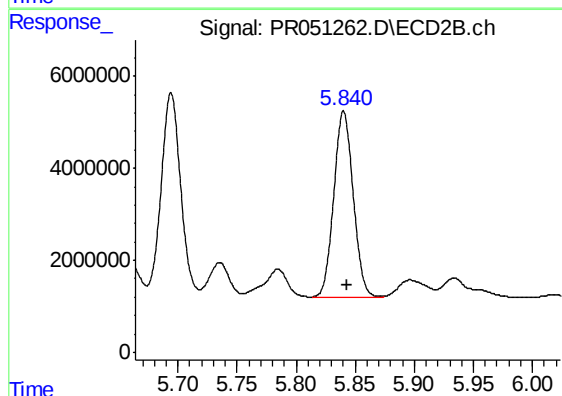
R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 51760281
Conc: 178.00 ng/ml



#27 AR-1254-2

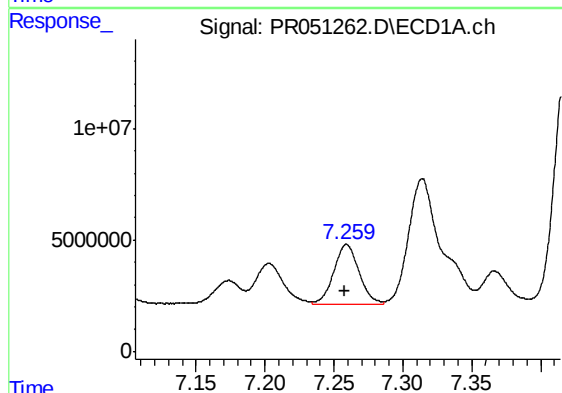
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 60105619
Conc: 162.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



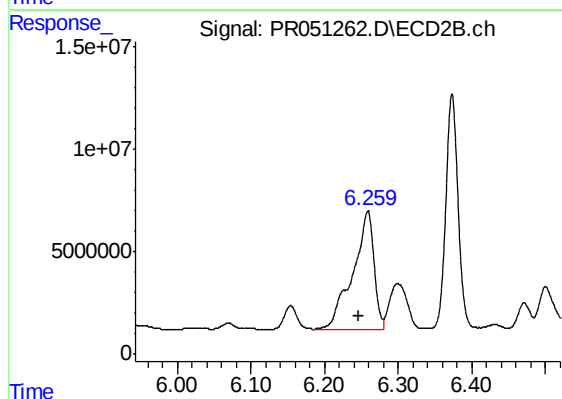
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: -0.003 min
Response: 46810948
Conc: 181.24 ng/ml



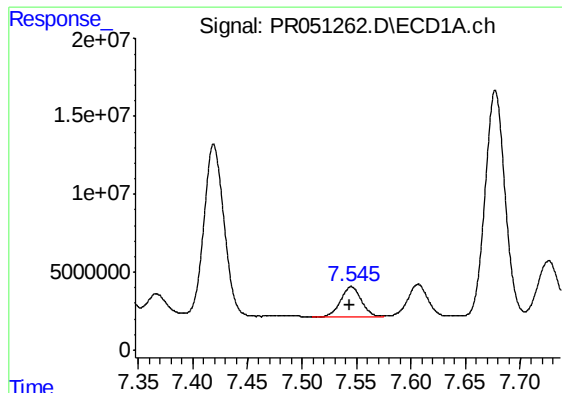
#28 AR-1254-3

R.T.: 7.259 min
Delta R.T.: 0.002 min
Response: 33990726
Conc: 87.21 ng/ml



#28 AR-1254-3

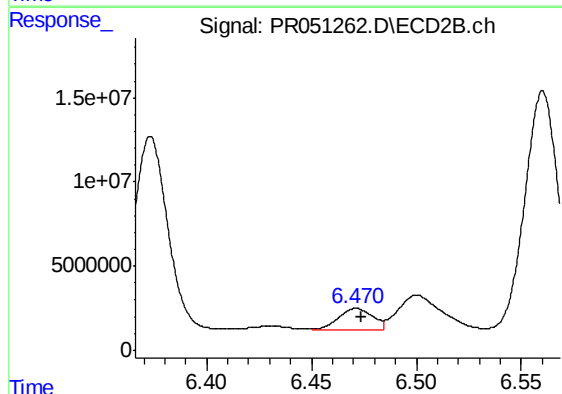
R.T.: 6.259 min
Delta R.T.: 0.013 min
Response: 114799056
Conc: 259.33 ng/ml



#29 AR-1254-4

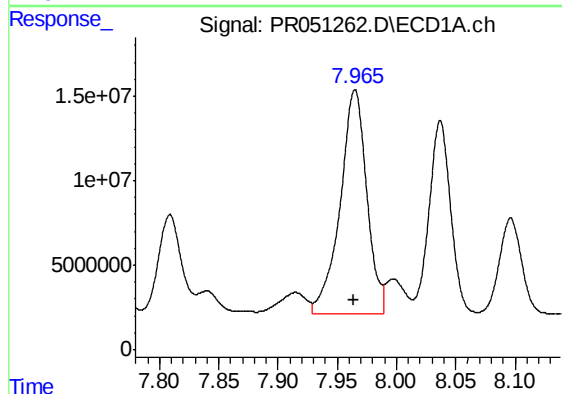
R.T.: 7.545 min
Delta R.T.: 0.001 min
Response: 26870004
Conc: 95.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



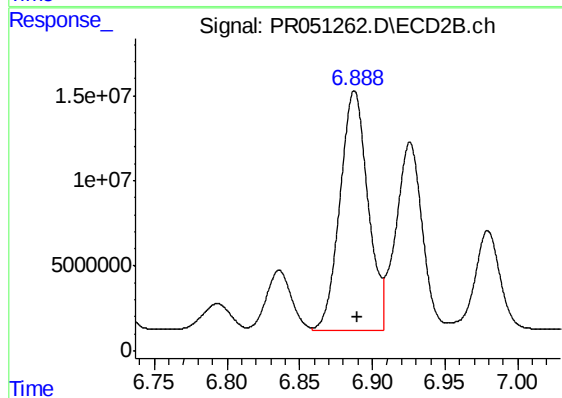
#29 AR-1254-4

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 13857501
Conc: 55.87 ng/ml



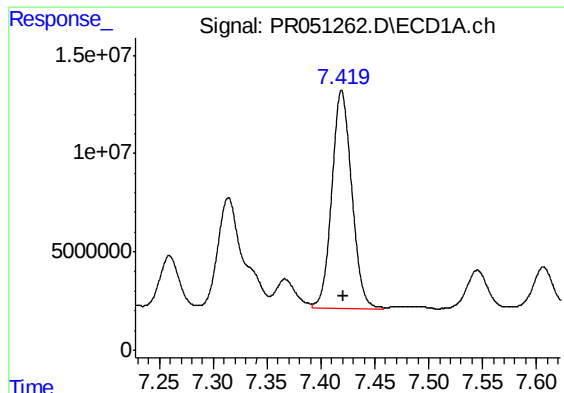
#30 AR-1254-5

R.T.: 7.965 min
Delta R.T.: 0.001 min
Response: 207361423
Conc: 696.47 ng/ml



#30 AR-1254-5

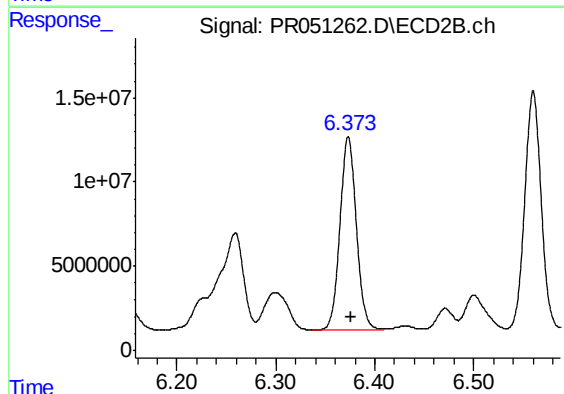
R.T.: 6.888 min
Delta R.T.: -0.002 min
Response: 187355187
Conc: 482.75 ng/ml



#31 AR-1260-1

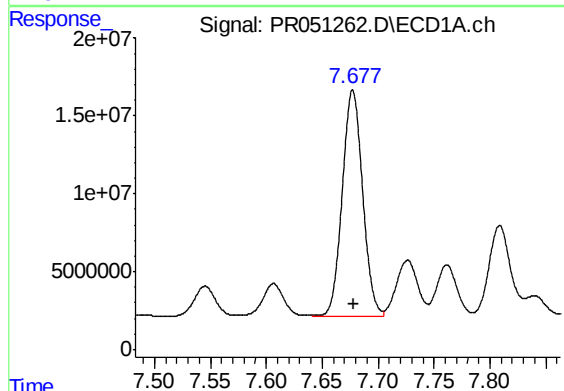
R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 143028050
Conc: 401.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



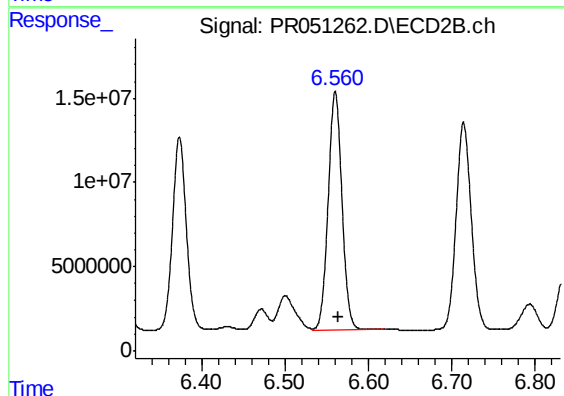
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: -0.003 min
Response: 131592129
Conc: 350.09 ng/ml



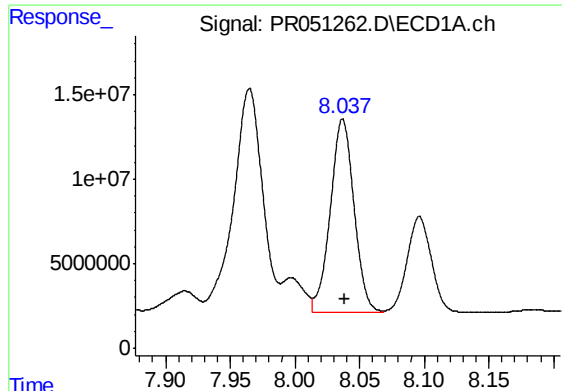
#32 AR-1260-2

R.T.: 7.677 min
Delta R.T.: -0.001 min
Response: 185291120
Conc: 432.29 ng/ml



#32 AR-1260-2

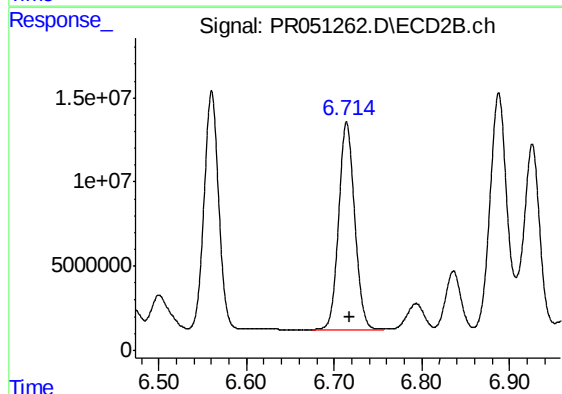
R.T.: 6.560 min
Delta R.T.: -0.003 min
Response: 162427980
Conc: 358.04 ng/ml



#33 AR-1260-3

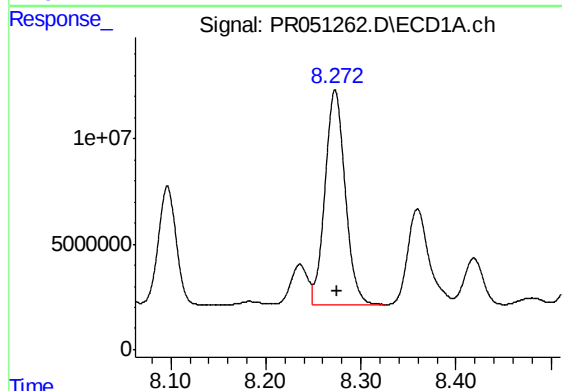
R.T.: 8.037 min
Delta R.T.: -0.001 min
Response: 145082554
Conc: 439.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



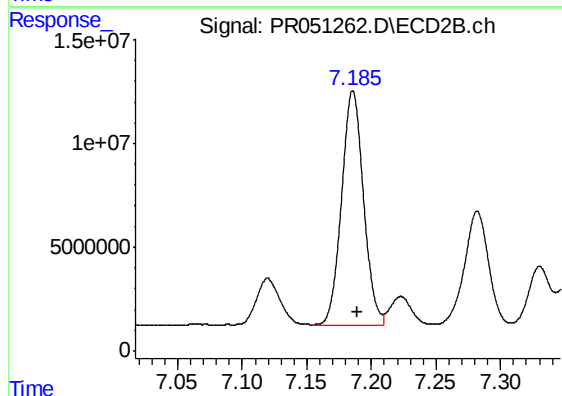
#33 AR-1260-3

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 155891446
Conc: 357.15 ng/ml



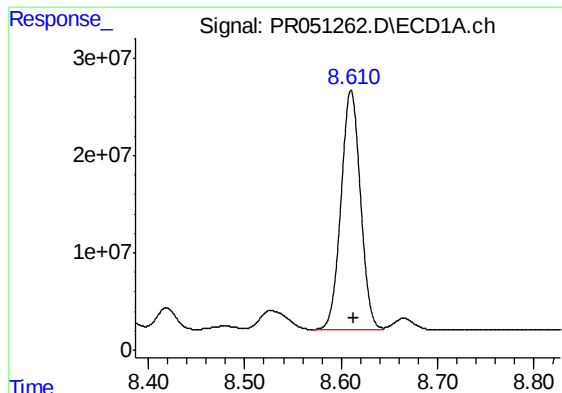
#34 AR-1260-4

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 149736068
Conc: 414.19 ng/ml



#34 AR-1260-4

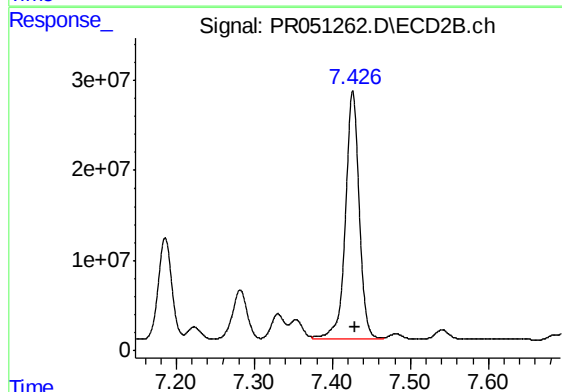
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 134003605
Conc: 356.32 ng/ml



#35 AR-1260-5

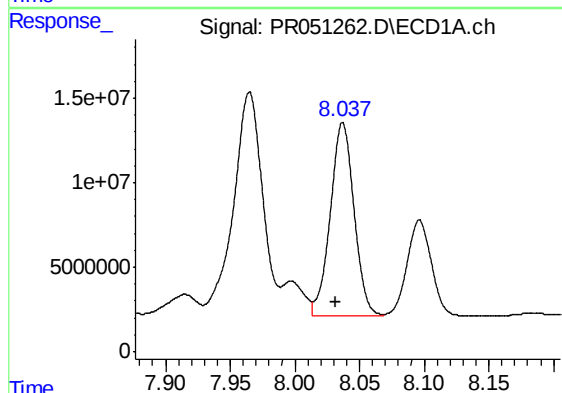
R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 343182680
Conc: 496.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



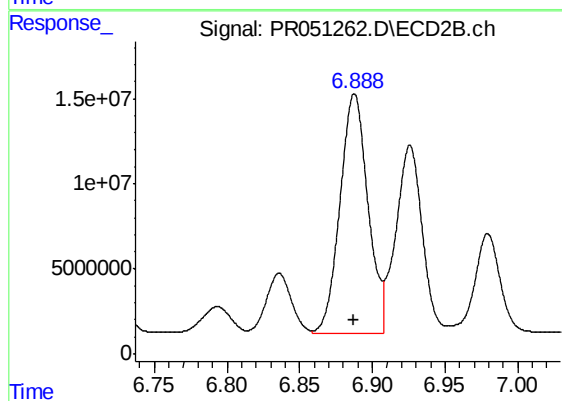
#35 AR-1260-5

R.T.: 7.426 min
Delta R.T.: -0.003 min
Response: 339890555
Conc: 425.59 ng/ml



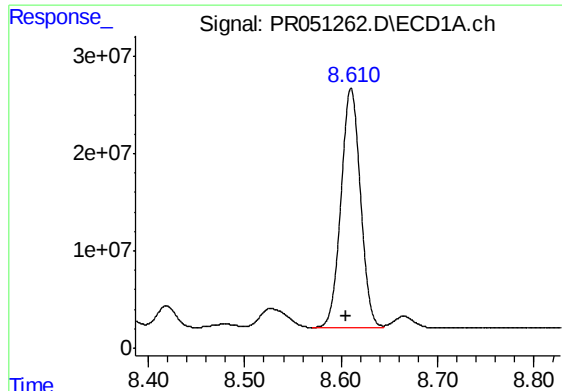
#36 AR-1262-1

R.T.: 8.037 min
Delta R.T.: 0.005 min
Response: 145082554
Conc: 260.97 ng/ml



#36 AR-1262-1

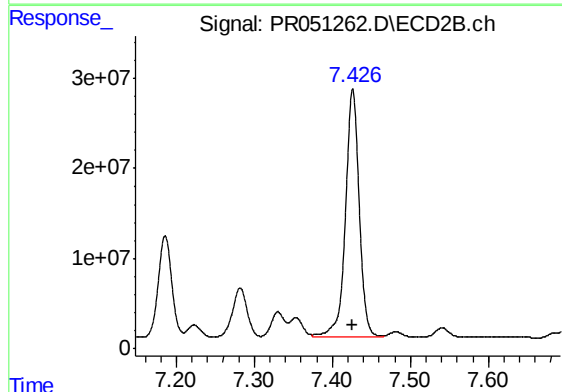
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 187355187
Conc: 628.03 ng/ml



#37 AR-1262-2

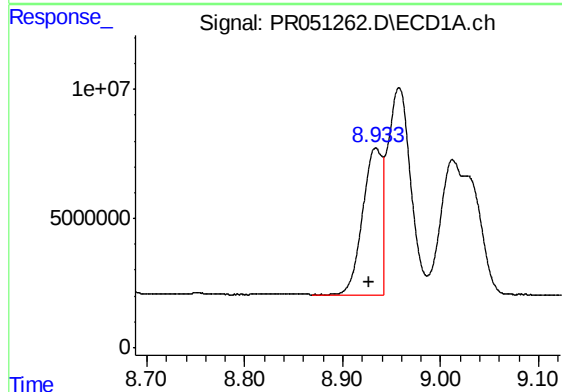
R.T.: 8.610 min
Delta R.T.: 0.005 min
Response: 343182680
Conc: 348.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



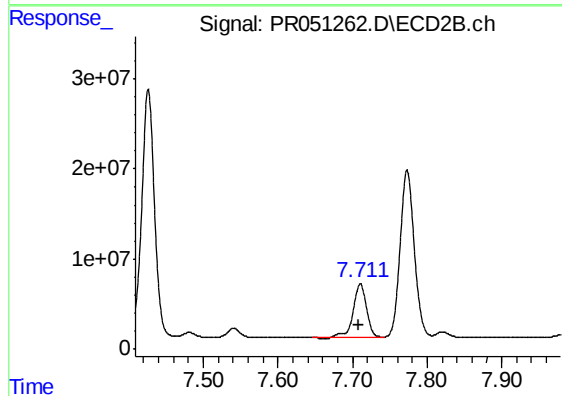
#37 AR-1262-2

R.T.: 7.426 min
Delta R.T.: 0.001 min
Response: 339890555
Conc: 313.96 ng/ml



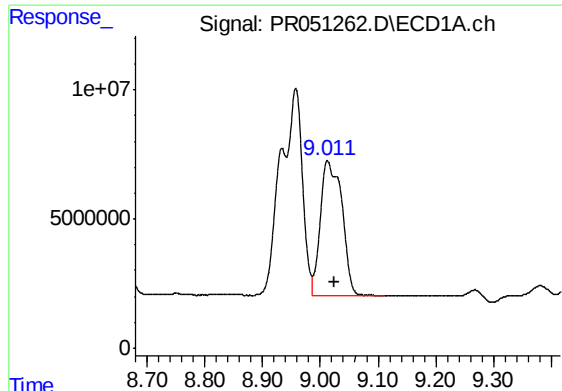
#38 AR-1262-3

R.T.: 8.934 min
Delta R.T.: 0.007 min
Response: 76892794
Conc: 118.46 ng/ml



#38 AR-1262-3

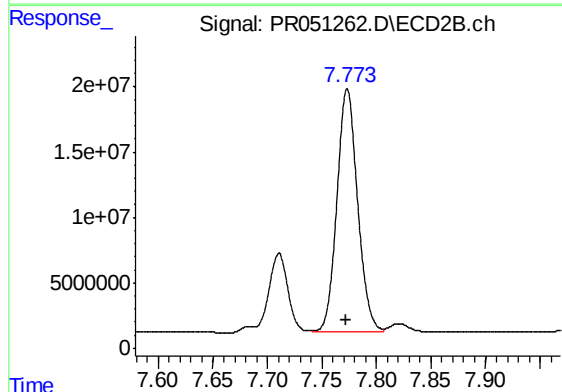
R.T.: 7.711 min
Delta R.T.: 0.002 min
Response: 74064771
Conc: 176.69 ng/ml



#39 AR-1262-4

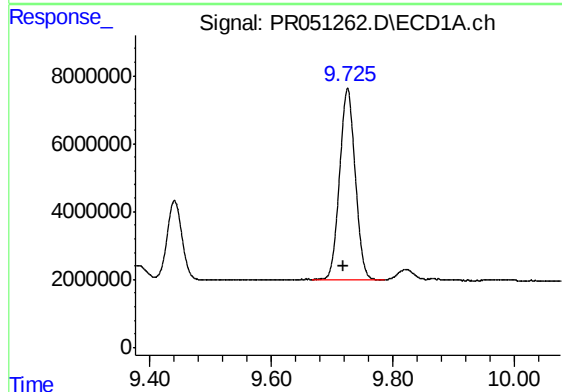
R.T.: 9.012 min
Delta R.T.: -0.011 min
Response: 134128099
Conc: 266.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



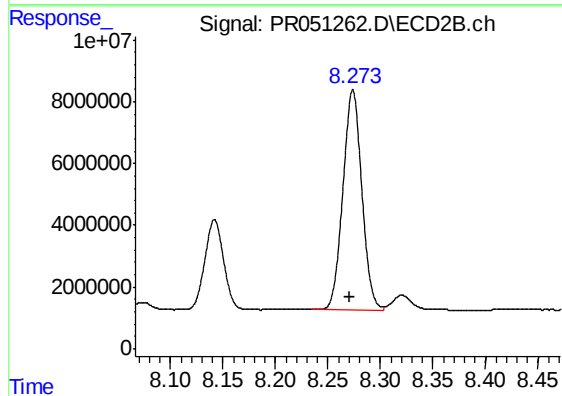
#39 AR-1262-4

R.T.: 7.773 min
Delta R.T.: 0.002 min
Response: 245208790
Conc: 308.03 ng/ml



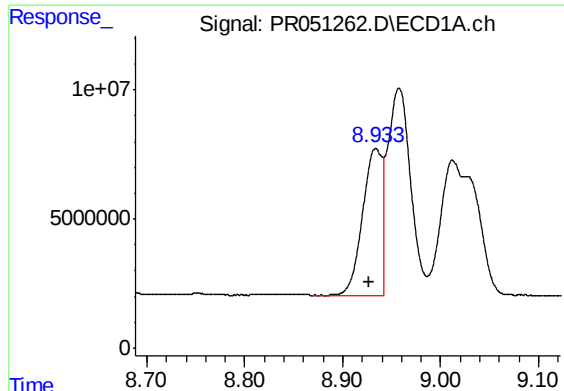
#40 AR-1262-5

R.T.: 9.725 min
Delta R.T.: 0.006 min
Response: 100366794
Conc: 291.05 ng/ml



#40 AR-1262-5

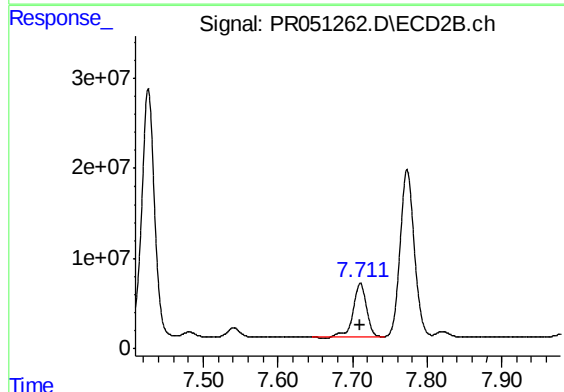
R.T.: 8.274 min
Delta R.T.: 0.003 min
Response: 89393174
Conc: 257.52 ng/ml



#41 AR-1268-1

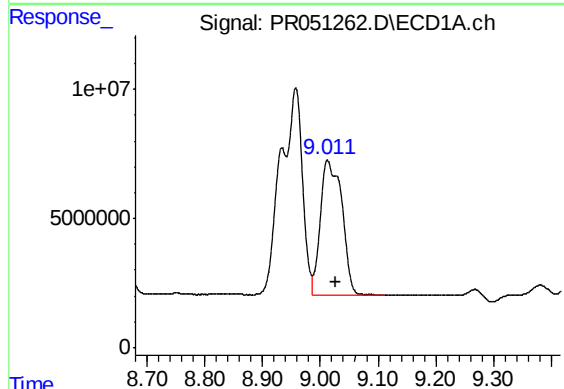
R.T.: 8.934 min
Delta R.T.: 0.007 min
Response: 76892794
Conc: 52.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



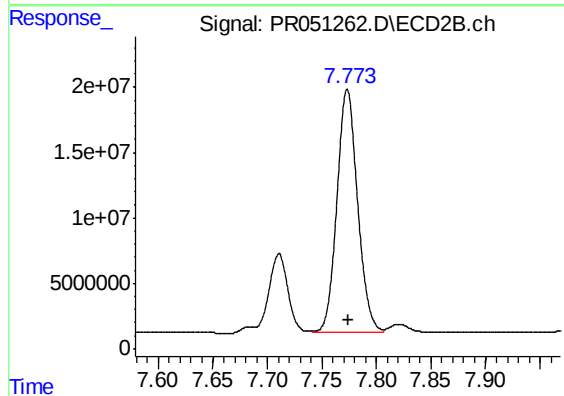
#41 AR-1268-1

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 74064771
Conc: 49.06 ng/ml



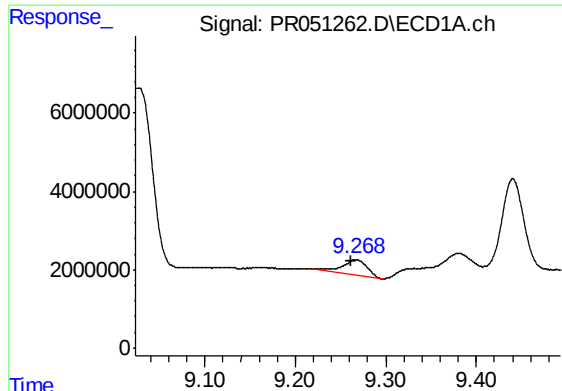
#42 AR-1268-2

R.T.: 9.012 min
Delta R.T.: -0.014 min
Response: 134128099
Conc: 97.11 ng/ml



#42 AR-1268-2

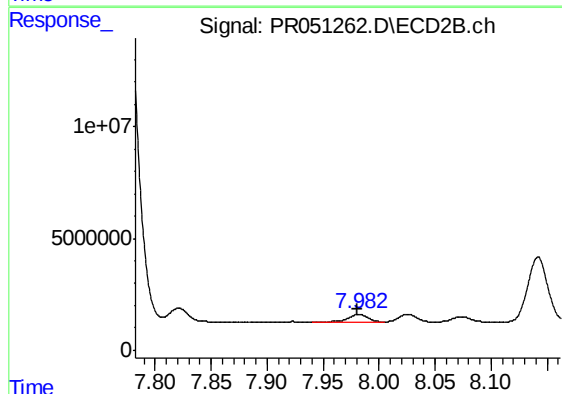
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 245208790
Conc: 176.32 ng/ml



#43 AR-1268-3

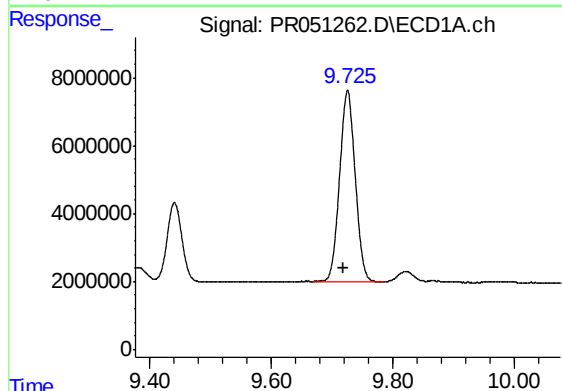
R.T.: 9.268 min
Delta R.T.: 0.006 min
Response: 7055677
Conc: 5.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



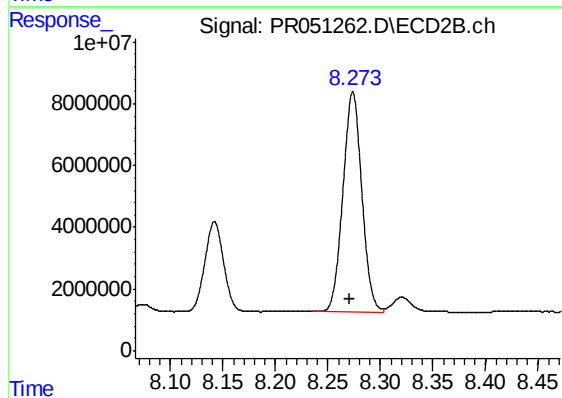
#43 AR-1268-3

R.T.: 7.982 min
Delta R.T.: 0.001 min
Response: 4422213
Conc: 3.75 ng/ml



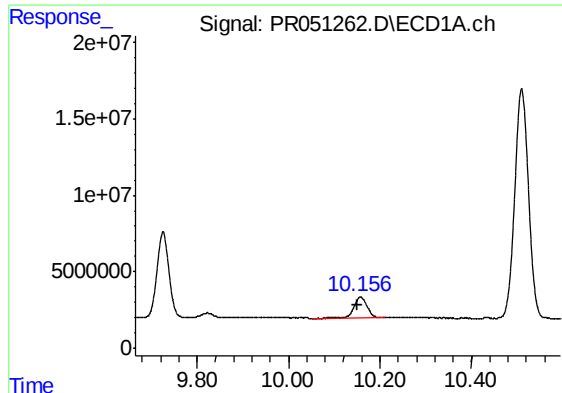
#44 AR-1268-4

R.T.: 9.725 min
Delta R.T.: 0.006 min
Response: 100366794
Conc: 214.58 ng/ml



#44 AR-1268-4

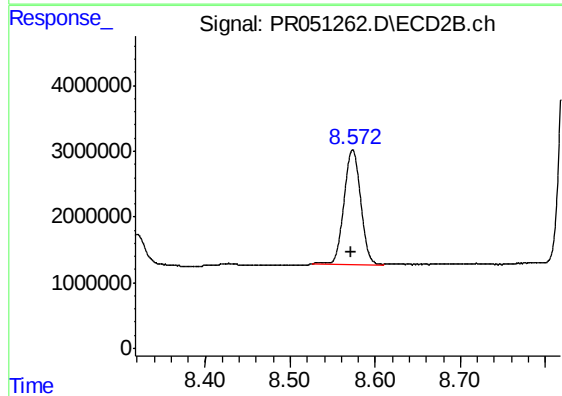
R.T.: 8.274 min
Delta R.T.: 0.002 min
Response: 89393174
Conc: 189.85 ng/ml



#45 AR-1268-5

R.T.: 10.157 min
Delta R.T.: 0.006 min
Response: 27166746
Conc: 6.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603261



#45 AR-1268-5

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 23747408
Conc: 6.36 ng/ml