

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
 Data File : PR049989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2021 10:44
 Operator : DD\AJ
 Sample : M2031-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BG528MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 02:46:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 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...	4.641	3.826	93973512	155.9E6	21.124	21.130
2)	SA Decachlor...	10.511	8.852	204.1E6	289.2E6	30.933	34.602
Target Compounds							
3)	L1 AR-1016-1	5.819	4.909	86023696	117.5E6	405.468	433.040
4)	L1 AR-1016-2	5.841	4.928	125.7E6	180.1E6	417.533	452.916
5)	L1 AR-1016-3	5.904	5.104	75670719	92356886	417.037	441.609
6)	L1 AR-1016-4	6.005	5.145	64766886	69108840	426.924	425.120
7)	L1 AR-1016-5	6.298	5.358	64555055	93022352	419.910	429.631
8)	L2 AR-1221-1	4.856	4.035	9517666	8653577	172.506	106.261 #
9)	L2 AR-1221-2	4.940	4.122	8574064	13609461	213.634	234.138
10)	L2 AR-1221-3	5.018	4.199	37270108	55241905	278.173	281.186
11)	L3 AR-1232-1	5.018	4.199	37270108	55241905	350.684	358.898
12)	L3 AR-1232-2	5.550	4.928	69780502	180.1E6	1150.845	1104.500
13)	L3 AR-1232-3	5.841	5.104	125.7E6	92356886	1001.849	1073.660
14)	L3 AR-1232-4	6.005	5.187	64766886	85357116	1030.184	1136.876
15)	L3 AR-1232-5	6.090	5.358	55350707	93022352	1112.388	1105.849
16)	L4 AR-1242-1	5.819	4.909	86023696	117.5E6	450.393	483.137
17)	L4 AR-1242-2	5.841	4.928	125.7E6	180.1E6	469.100	510.156
18)	L4 AR-1242-3	5.904	5.104	75670719	92356886	463.988	494.238
19)	L4 AR-1242-4	6.005	5.187	64766886	85357116	476.433	484.730
20)	L4 AR-1242-5	6.742	5.709	11408827	73090849	72.040	307.038 #
21)	L5 AR-1248-1	5.819	4.909	86023696	117.5E6	670.796	702.425
22)	L5 AR-1248-2	6.090	5.145	55350707	69108840	299.591	307.447
23)	L5 AR-1248-3	6.298	5.187	64555055	85357116	309.071	357.275
24)	L5 AR-1248-4	6.701	5.358	11460241	93022352	45.765	316.363 #
25)	L5 AR-1248-5	6.742	5.749	11408827	11473192	47.126	37.520
26)	L6 AR-1254-1	6.674	5.709	51433019	73090849	147.014	111.699
27)	L6 AR-1254-2	6.891	5.855	57049455	69830921	102.650	124.184
28)	L6 AR-1254-3	7.262	6.273	30973265	37337943	49.435	37.939
29)	L6 AR-1254-4	7.548	6.484	20837651	12954387	43.363	21.442 #
30)	L6 AR-1254-5	7.966	6.900	196.1E6	271.0E6	366.761	310.947
31)	L7 AR-1260-1	7.423	6.387	132.1E6	187.6E6	464.436	465.547
32)	L7 AR-1260-2	7.680	6.573	155.1E6	223.8E6	441.976	455.606
33)	L7 AR-1260-3	8.038	6.727	95865406	219.2E6	350.257	465.677 #
34)	L7 AR-1260-4	8.273	7.198	121.0E6	153.9E6	373.140	382.638
35)	L7 AR-1260-5	8.610	7.437	237.2E6	387.1E6	349.671	387.320
36)	L8 AR-1262-1	8.038	6.900	95865406	271.0E6	195.311	759.930 #
37)	L8 AR-1262-2	8.610	7.437	237.2E6	387.1E6	251.123	295.683
38)	L8 AR-1262-3	8.957	7.721	149.7E6	66535345	239.740	136.313 #
39)	L8 AR-1262-4	9.010	7.783	78686753	271.7E6	170.487	282.761 #
40)	L8 AR-1262-5	9.725	8.283	56032315	76142779	166.224	175.946
41)	L9 AR-1268-1	8.957	7.721	149.7E6	66535345	145.380	48.513 #
42)	L9 AR-1268-2	9.010	7.783	78686753	271.7E6	84.013	213.077 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
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 Operator : DD\AJ
 Sample : M2031-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

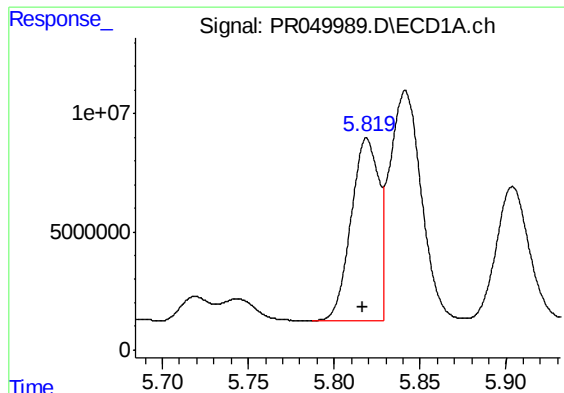
Instrument :
 ECD_R
 ClientSampleId :
 BG528MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 02:46:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
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 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	9.267	7.994	4123989	6037038	5.162	5.678
44) L9	AR-1268-4	9.725	8.283	56032315	76142779	159.800	167.826
45) L9	AR-1268-5	10.157	8.586	19309805	24657172	7.018	7.115

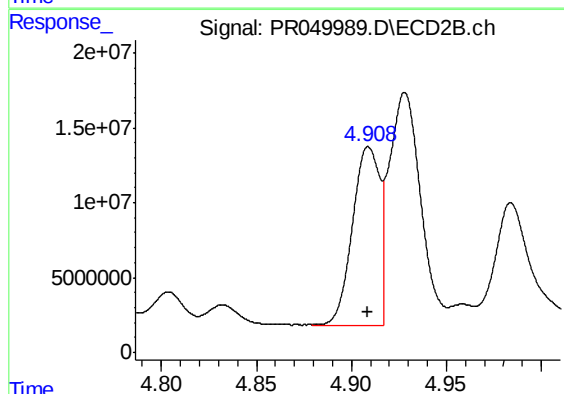
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

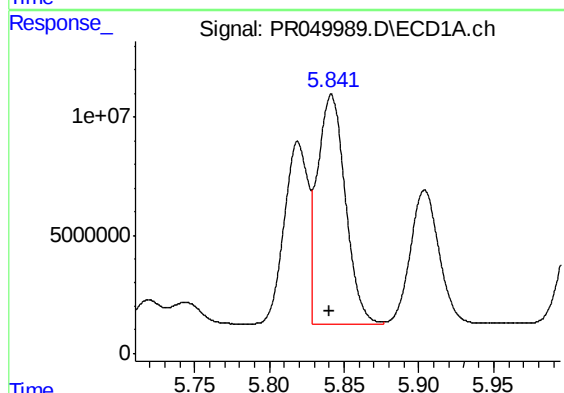
R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 86023696
Conc: 405.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



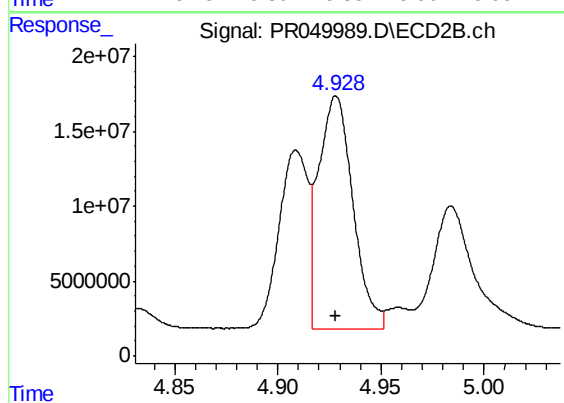
#3 AR-1016-1

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 117492764
Conc: 433.04 ng/ml



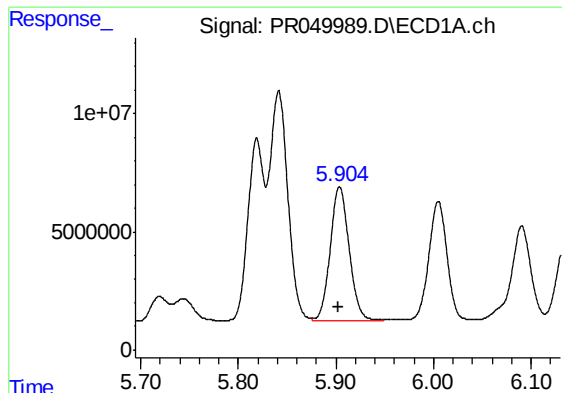
#4 AR-1016-2

R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 125679214
Conc: 417.53 ng/ml



#4 AR-1016-2

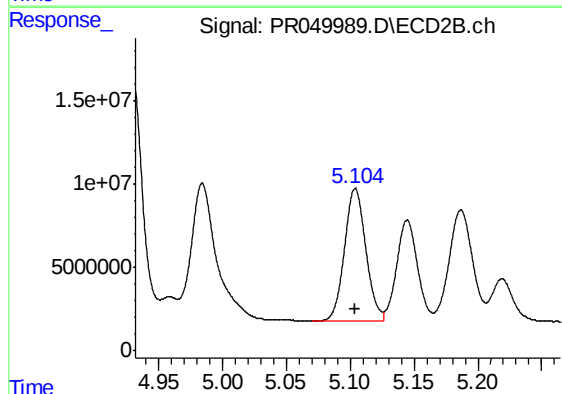
R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 180084899
Conc: 452.92 ng/ml



#5 AR-1016-3

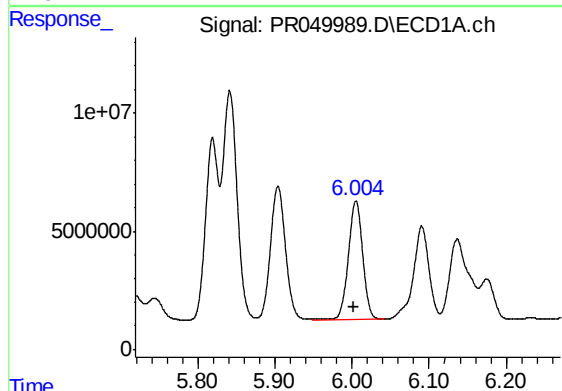
R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 75670719
Conc: 417.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



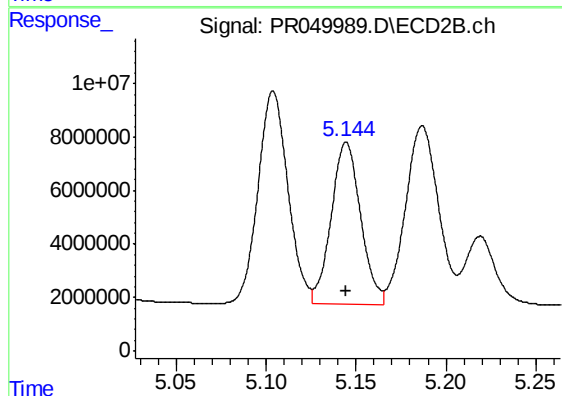
#5 AR-1016-3

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 92356886
Conc: 441.61 ng/ml



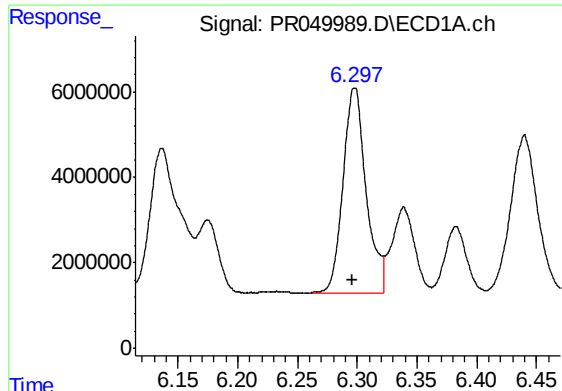
#6 AR-1016-4

R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 64766886
Conc: 426.92 ng/ml



#6 AR-1016-4

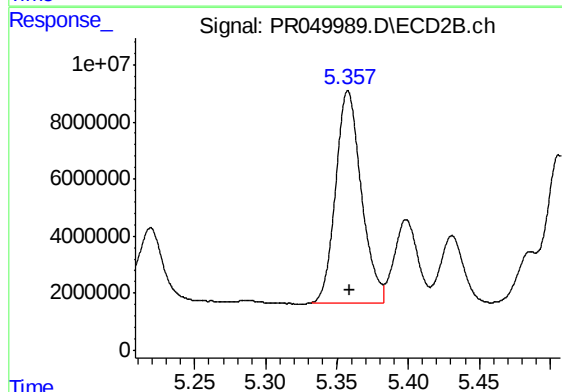
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 69108840
Conc: 425.12 ng/ml



#7 AR-1016-5

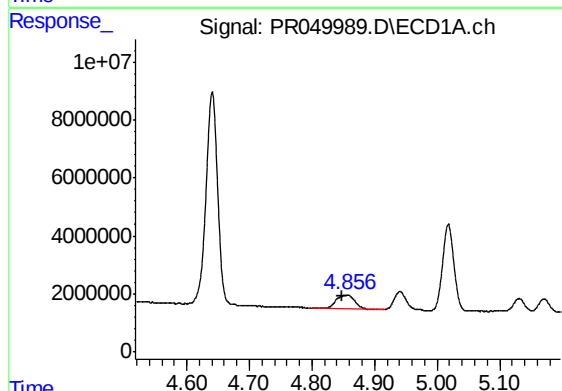
R.T.: 6.298 min
Delta R.T.: 0.002 min
Response: 64555055
Conc: 419.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



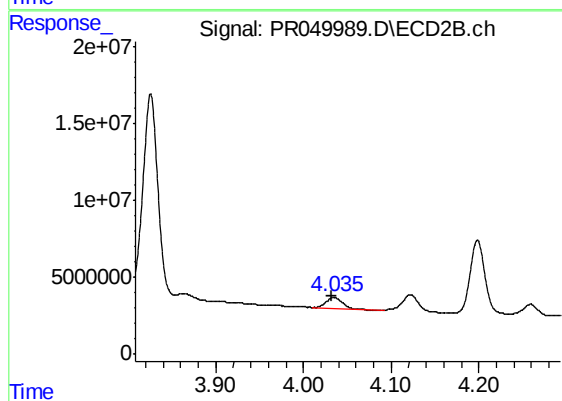
#7 AR-1016-5

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 93022352
Conc: 429.63 ng/ml



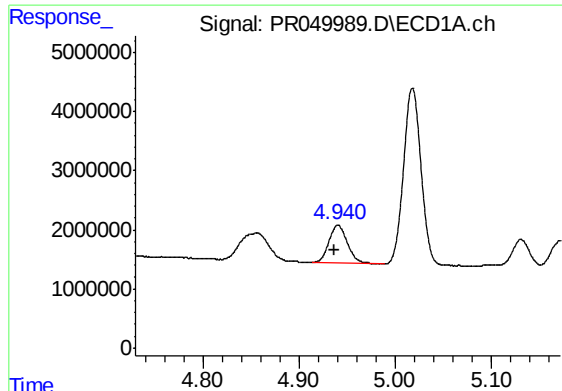
#8 AR-1221-1

R.T.: 4.856 min
Delta R.T.: 0.008 min
Response: 9517666
Conc: 172.51 ng/ml



#8 AR-1221-1

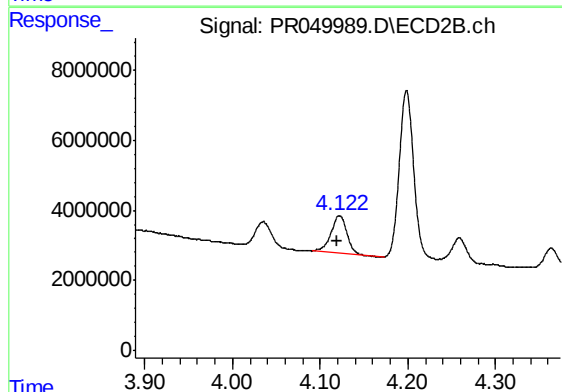
R.T.: 4.035 min
Delta R.T.: 0.002 min
Response: 8653577
Conc: 106.26 ng/ml



#9 AR-1221-2

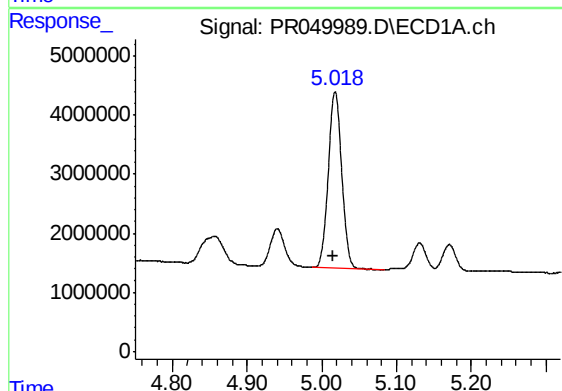
R.T.: 4.940 min
Delta R.T.: 0.004 min
Response: 8574064
Conc: 213.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



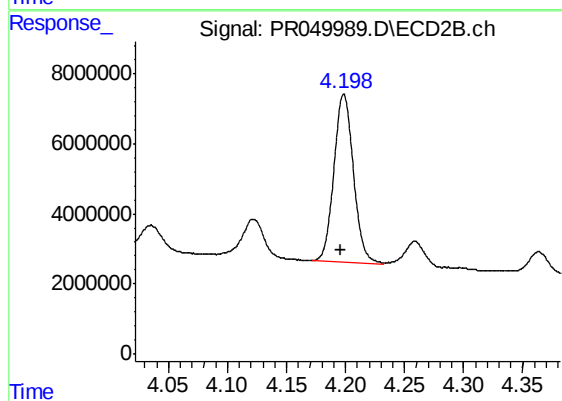
#9 AR-1221-2

R.T.: 4.122 min
Delta R.T.: 0.003 min
Response: 13609461
Conc: 234.14 ng/ml



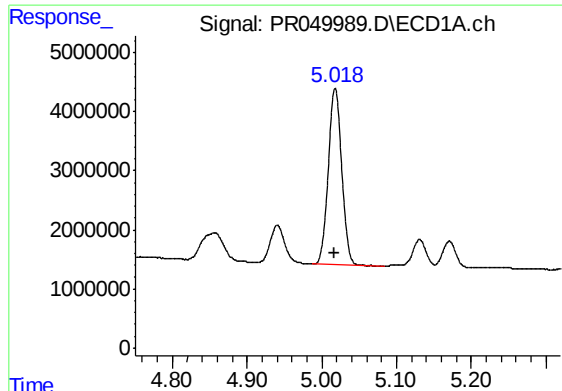
#10 AR-1221-3

R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 37270108
Conc: 278.17 ng/ml



#10 AR-1221-3

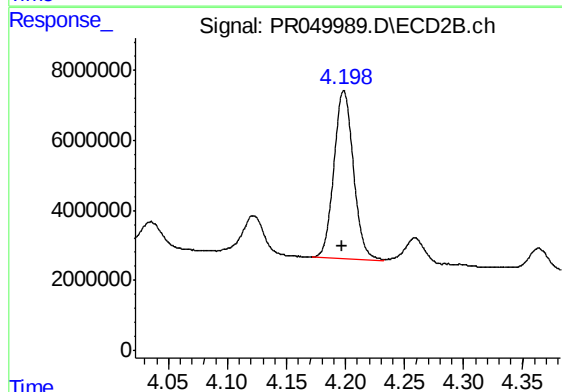
R.T.: 4.199 min
Delta R.T.: 0.003 min
Response: 55241905
Conc: 281.19 ng/ml



#11 AR-1232-1

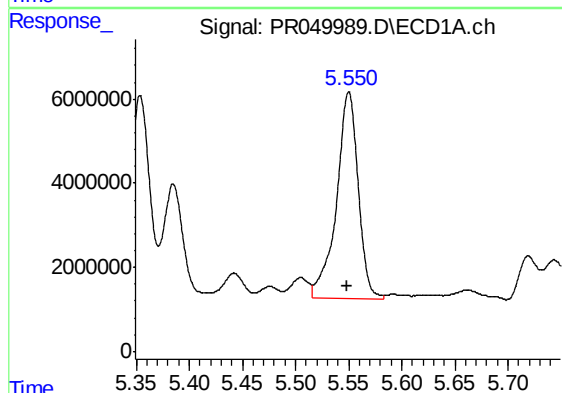
R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 37270108
Conc: 350.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



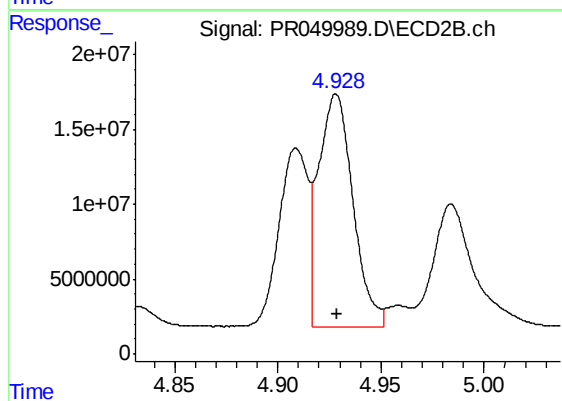
#11 AR-1232-1

R.T.: 4.199 min
Delta R.T.: 0.002 min
Response: 55241905
Conc: 358.90 ng/ml



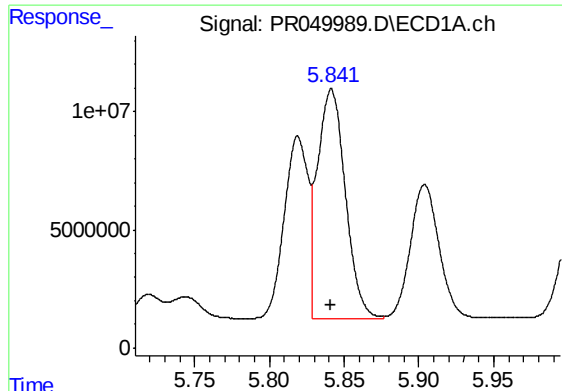
#12 AR-1232-2

R.T.: 5.550 min
Delta R.T.: 0.002 min
Response: 69780502
Conc: 1150.85 ng/ml



#12 AR-1232-2

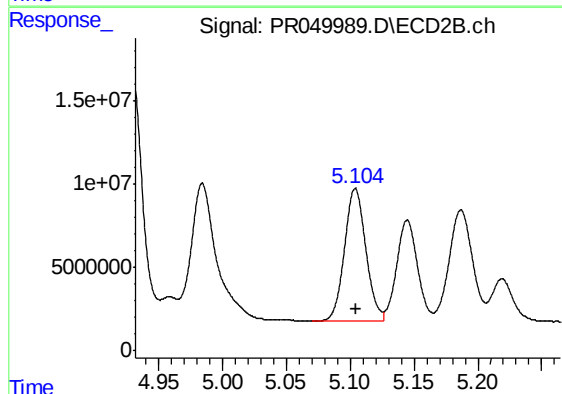
R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 180084899
Conc: 1104.50 ng/ml



#13 AR-1232-3

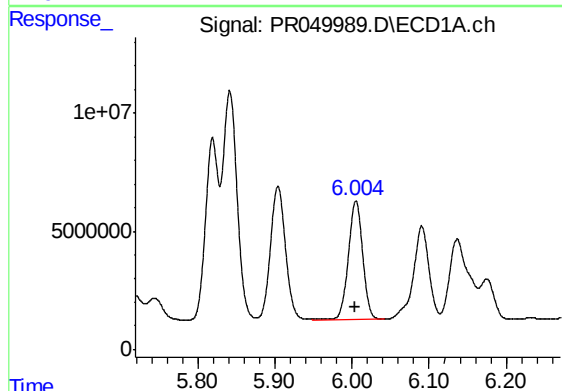
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 125679214
Conc: 1001.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



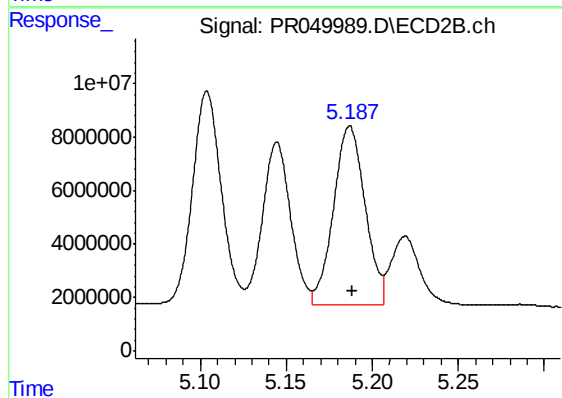
#13 AR-1232-3

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 92356886
Conc: 1073.66 ng/ml



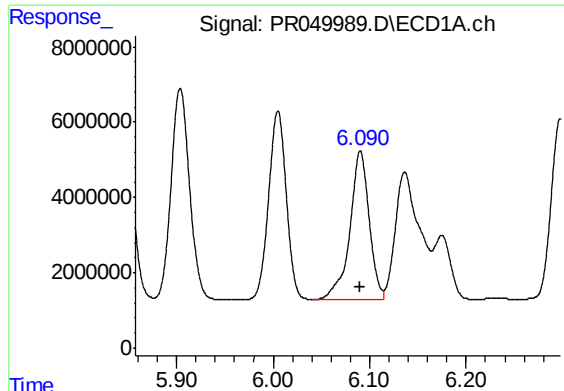
#14 AR-1232-4

R.T.: 6.005 min
Delta R.T.: 0.001 min
Response: 64766886
Conc: 1030.18 ng/ml



#14 AR-1232-4

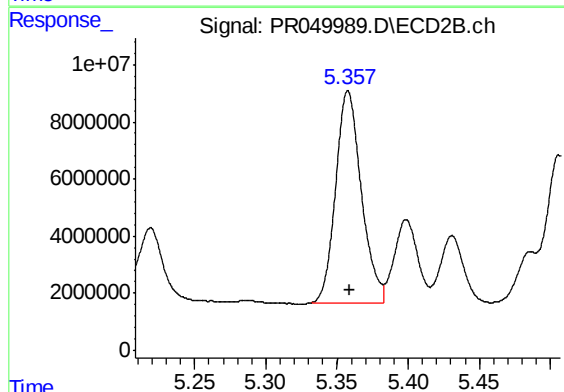
R.T.: 5.187 min
Delta R.T.: -0.001 min
Response: 85357116
Conc: 1136.88 ng/ml



#15 AR-1232-5

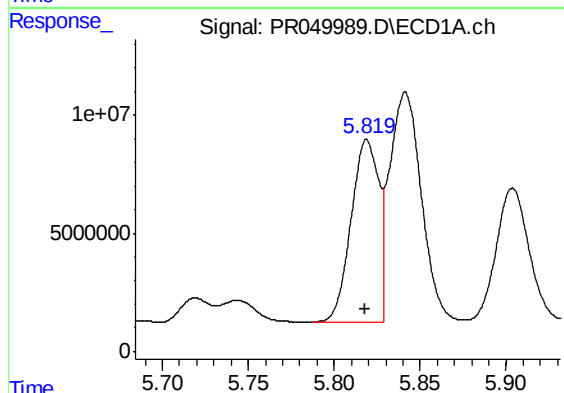
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 55350707
Conc: 1112.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



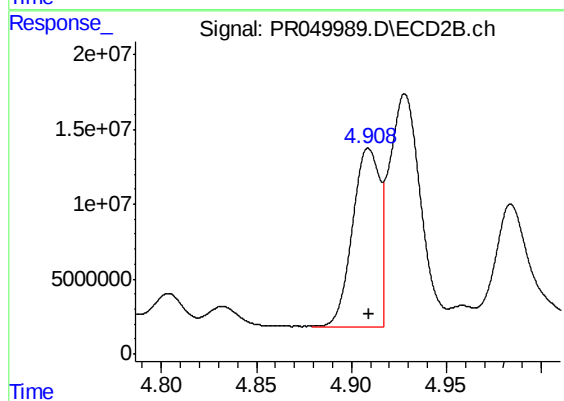
#15 AR-1232-5

R.T.: 5.358 min
Delta R.T.: -0.002 min
Response: 93022352
Conc: 1105.85 ng/ml



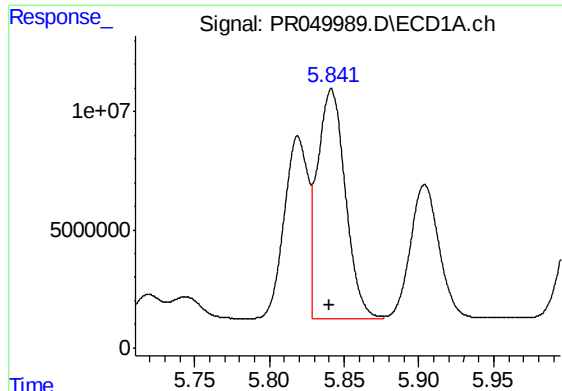
#16 AR-1242-1

R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 86023696
Conc: 450.39 ng/ml



#16 AR-1242-1

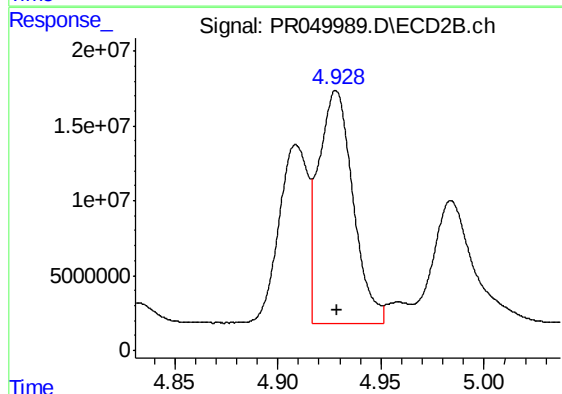
R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 117492764
Conc: 483.14 ng/ml



#17 AR-1242-2

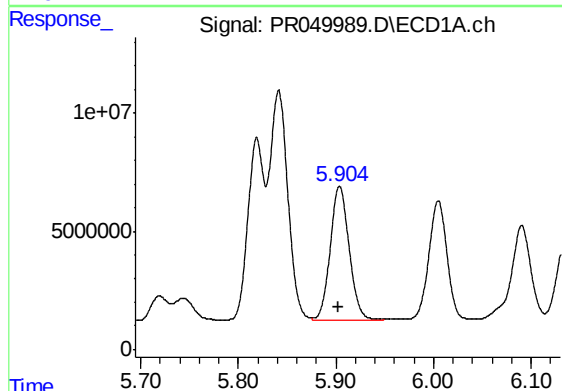
R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 125679214
Conc: 469.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



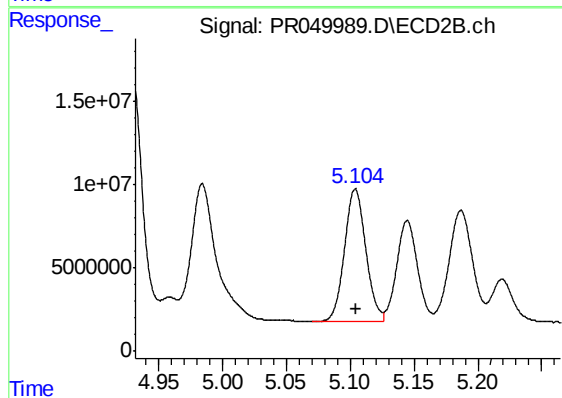
#17 AR-1242-2

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 180084899
Conc: 510.16 ng/ml



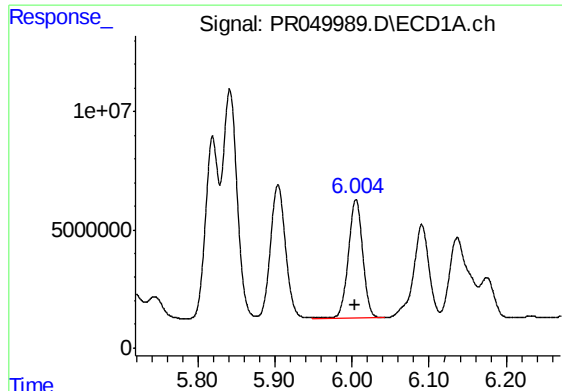
#18 AR-1242-3

R.T.: 5.904 min
Delta R.T.: 0.001 min
Response: 75670719
Conc: 463.99 ng/ml



#18 AR-1242-3

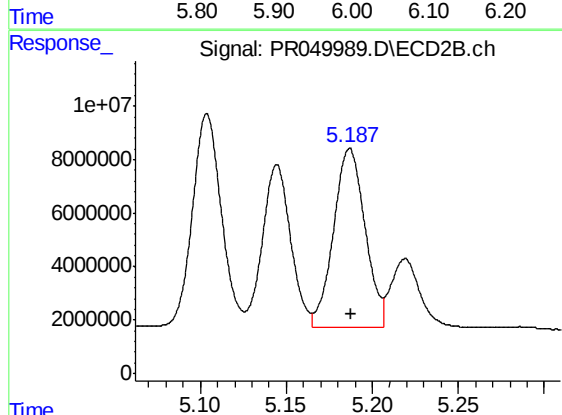
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 92356886
Conc: 494.24 ng/ml



#19 AR-1242-4

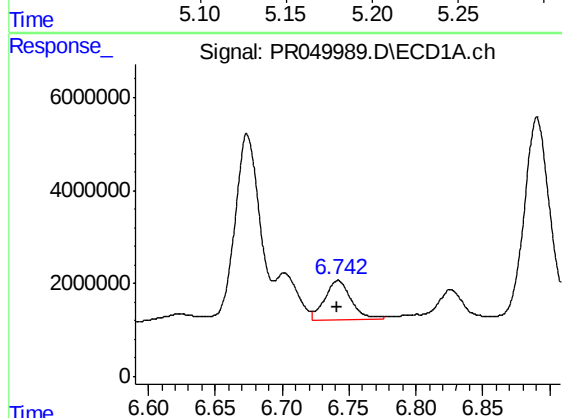
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 64766886
Conc: 476.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



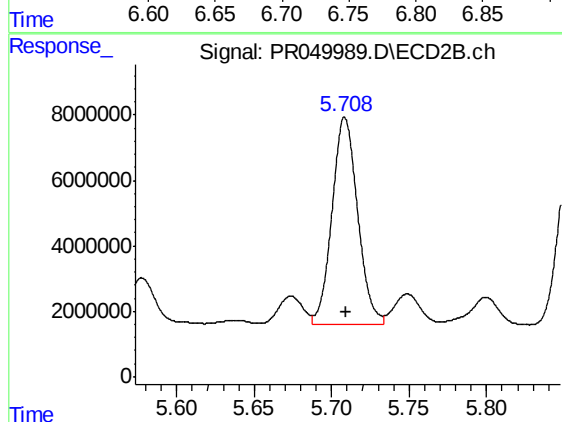
#19 AR-1242-4

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 85357116
Conc: 484.73 ng/ml



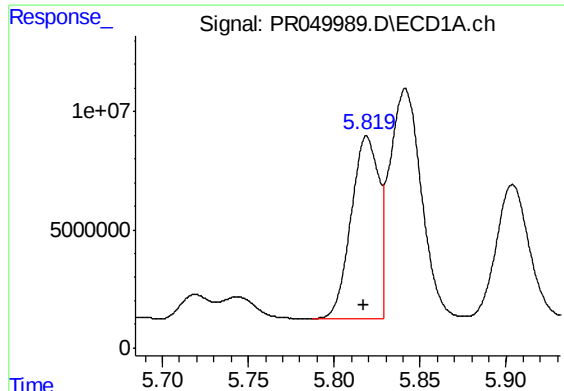
#20 AR-1242-5

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 11408827
Conc: 72.04 ng/ml



#20 AR-1242-5

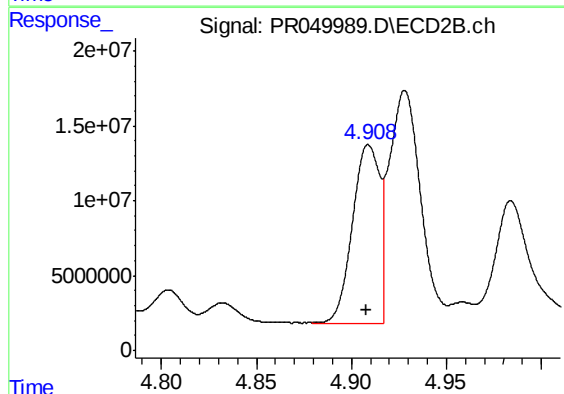
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 73090849
Conc: 307.04 ng/ml



#21 AR-1248-1

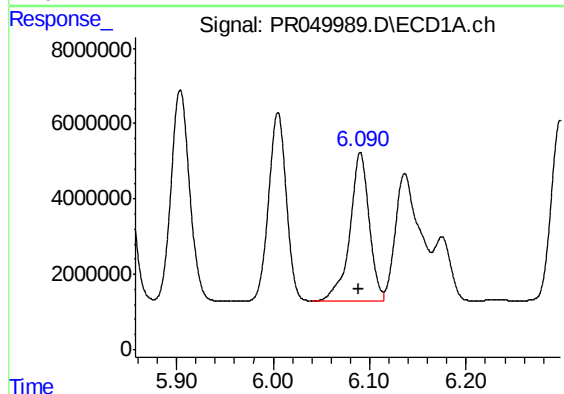
R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 86023696
Conc: 670.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



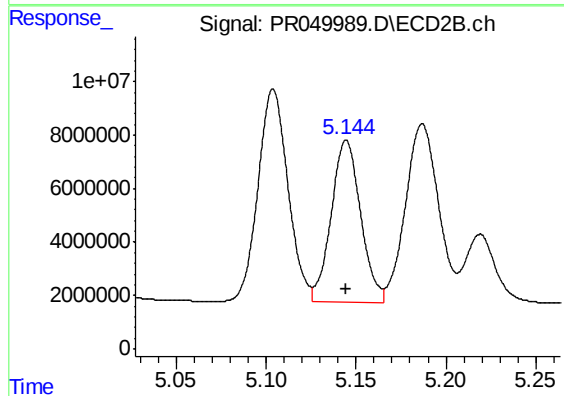
#21 AR-1248-1

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 117492764
Conc: 702.42 ng/ml



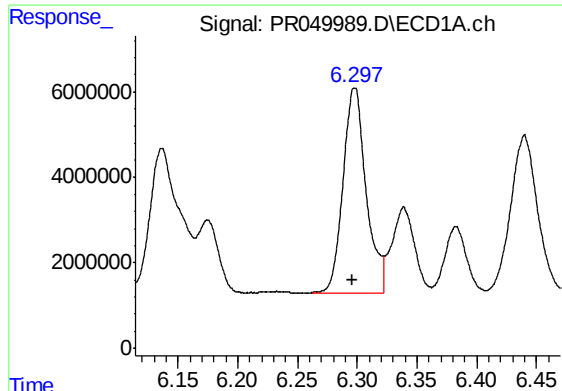
#22 AR-1248-2

R.T.: 6.090 min
Delta R.T.: 0.002 min
Response: 55350707
Conc: 299.59 ng/ml



#22 AR-1248-2

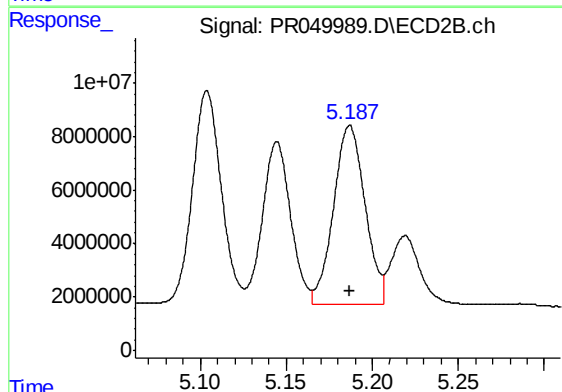
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 69108840
Conc: 307.45 ng/ml



#23 AR-1248-3

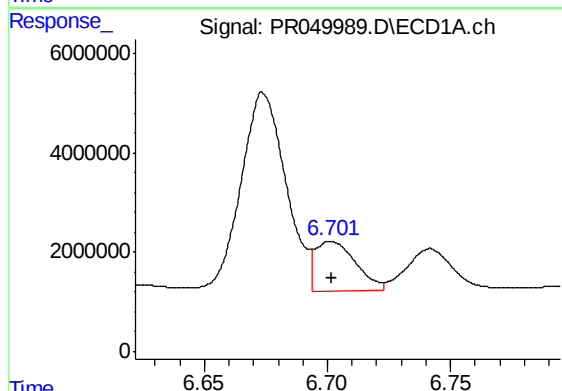
R.T.: 6.298 min
Delta R.T.: 0.002 min
Response: 64555055
Conc: 309.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



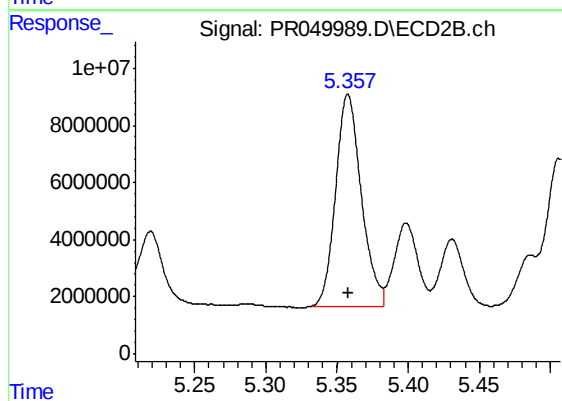
#23 AR-1248-3

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 85357116
Conc: 357.27 ng/ml



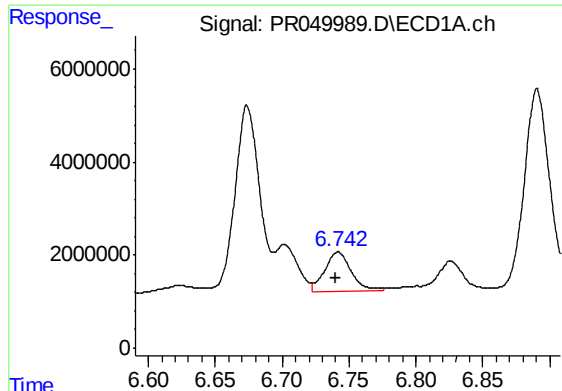
#24 AR-1248-4

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 11460241
Conc: 45.76 ng/ml



#24 AR-1248-4

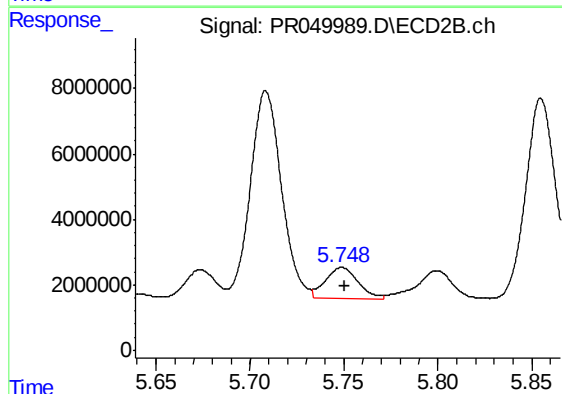
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 93022352
Conc: 316.36 ng/ml



#25 AR-1248-5

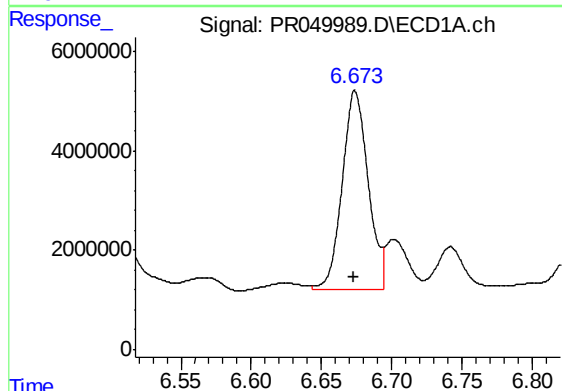
R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 11408827
Conc: 47.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



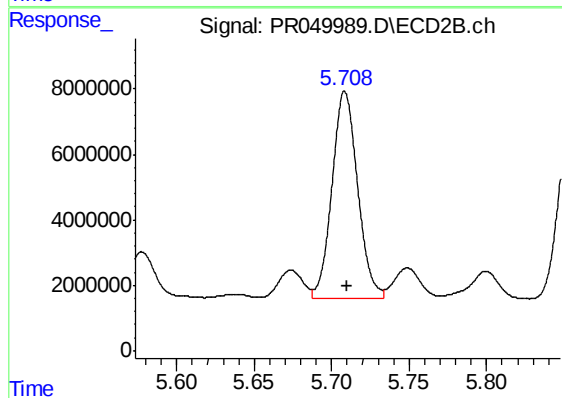
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: -0.001 min
Response: 11473192
Conc: 37.52 ng/ml



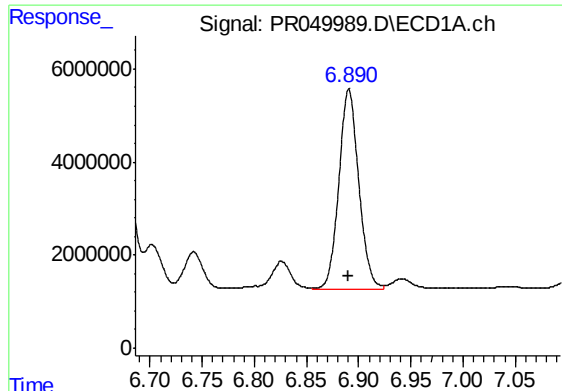
#26 AR-1254-1

R.T.: 6.674 min
Delta R.T.: 0.001 min
Response: 51433019
Conc: 147.01 ng/ml



#26 AR-1254-1

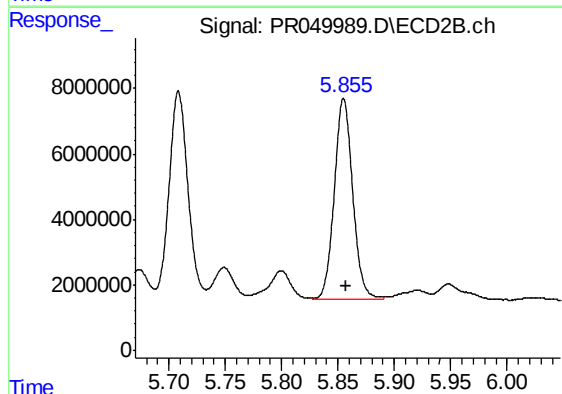
R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 73090849
Conc: 111.70 ng/ml



#27 AR-1254-2

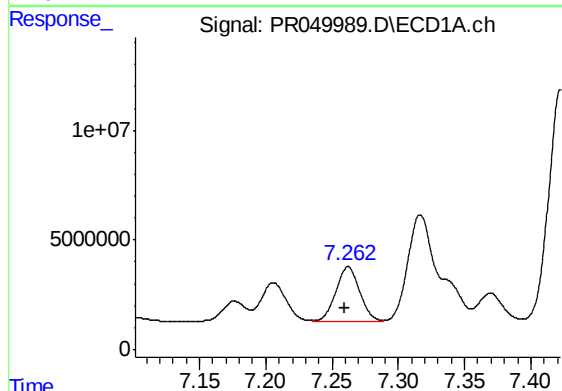
R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 57049455
Conc: 102.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



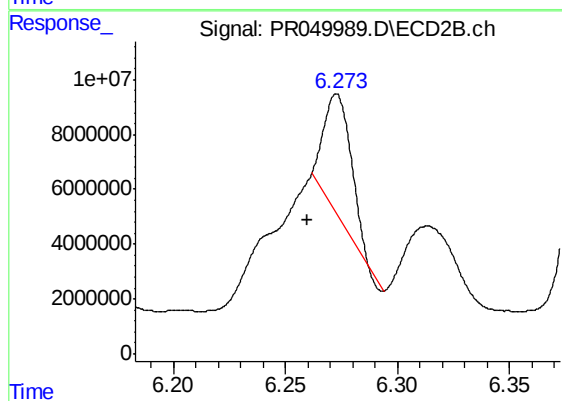
#27 AR-1254-2

R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 69830921
Conc: 124.18 ng/ml



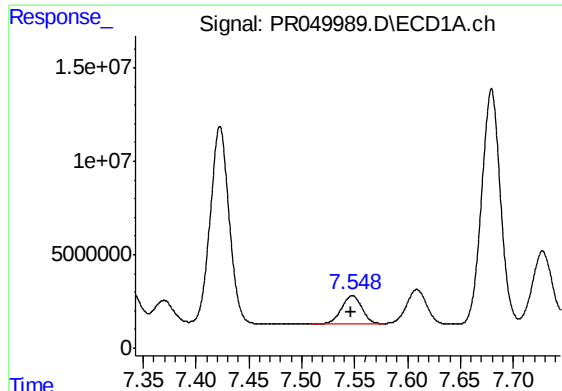
#28 AR-1254-3

R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 30973265
Conc: 49.44 ng/ml



#28 AR-1254-3

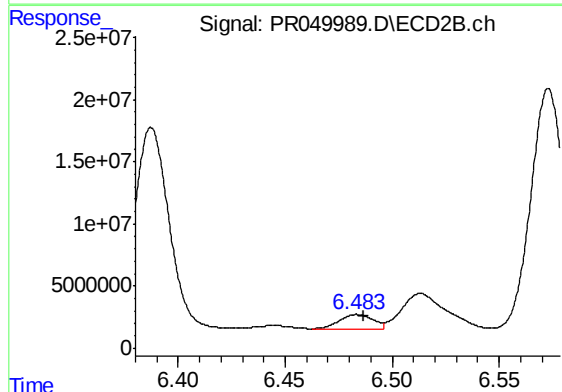
R.T.: 6.273 min
Delta R.T.: 0.013 min
Response: 37337943
Conc: 37.94 ng/ml



#29 AR-1254-4

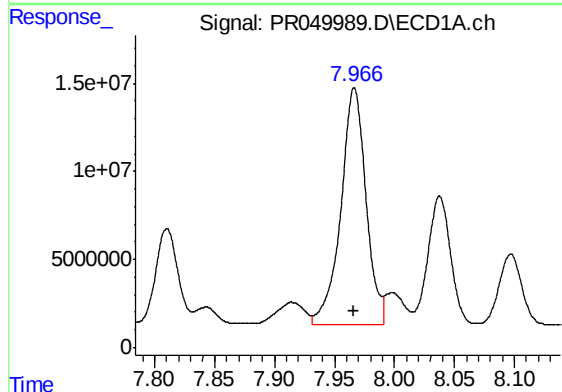
R.T.: 7.548 min
Delta R.T.: 0.002 min
Response: 20837651
Conc: 43.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



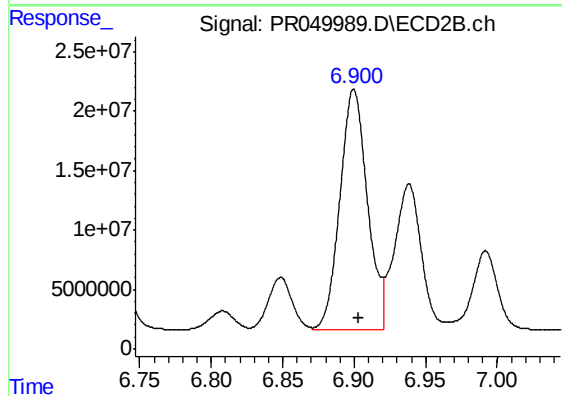
#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 12954387
Conc: 21.44 ng/ml



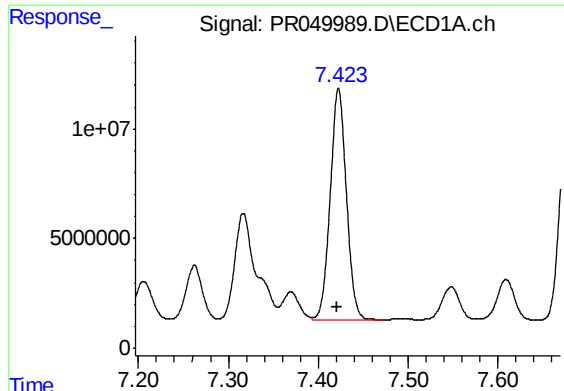
#30 AR-1254-5

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 196063372
Conc: 366.76 ng/ml



#30 AR-1254-5

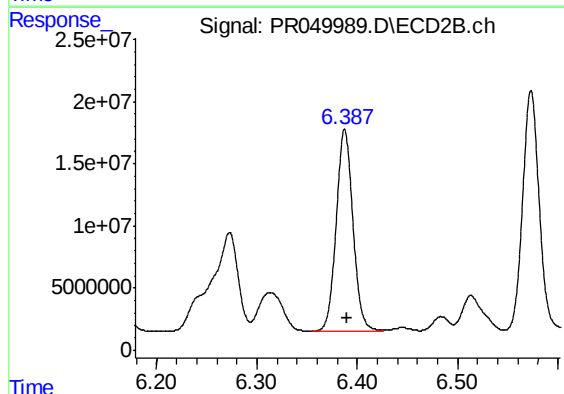
R.T.: 6.900 min
Delta R.T.: -0.004 min
Response: 270957452
Conc: 310.95 ng/ml



#31 AR-1260-1

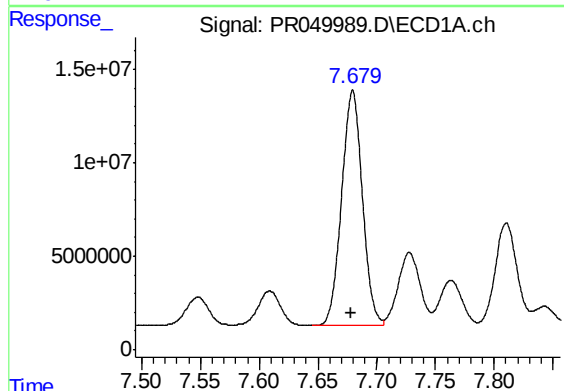
R.T.: 7.423 min
Delta R.T.: 0.001 min
Response: 132062557
Conc: 464.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



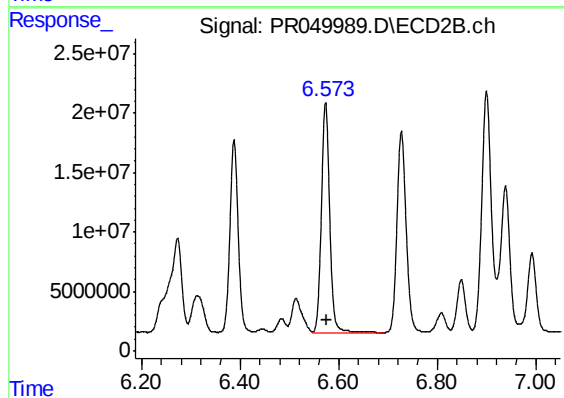
#31 AR-1260-1

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 187610320
Conc: 465.55 ng/ml



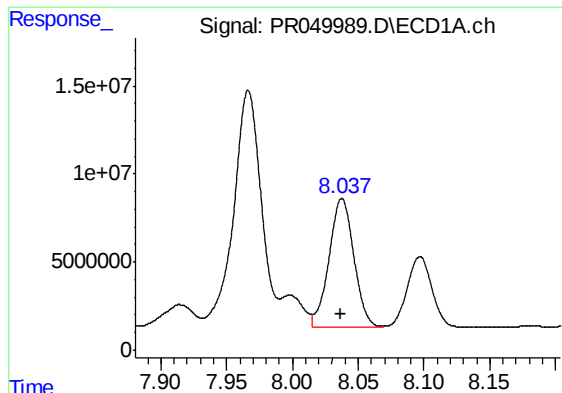
#32 AR-1260-2

R.T.: 7.680 min
Delta R.T.: 0.001 min
Response: 155073356
Conc: 441.98 ng/ml



#32 AR-1260-2

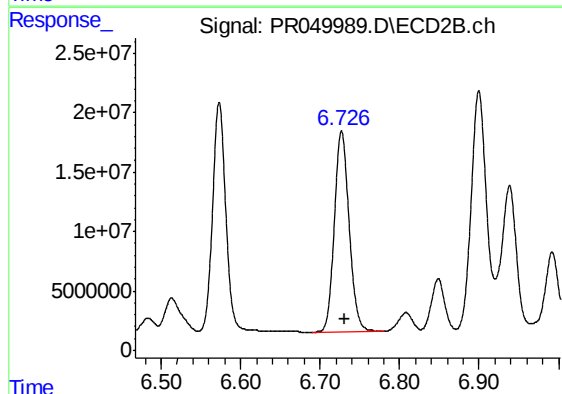
R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 223828388
Conc: 455.61 ng/ml



#33 AR-1260-3

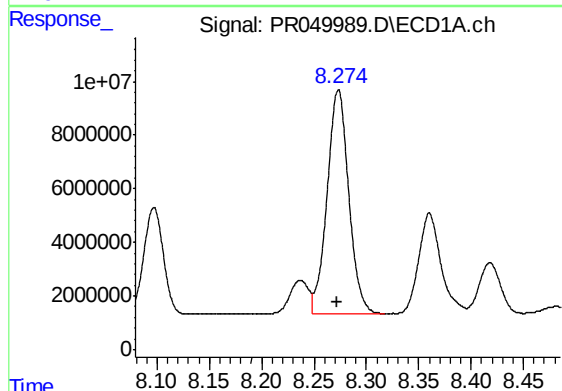
R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 95865406
Conc: 350.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



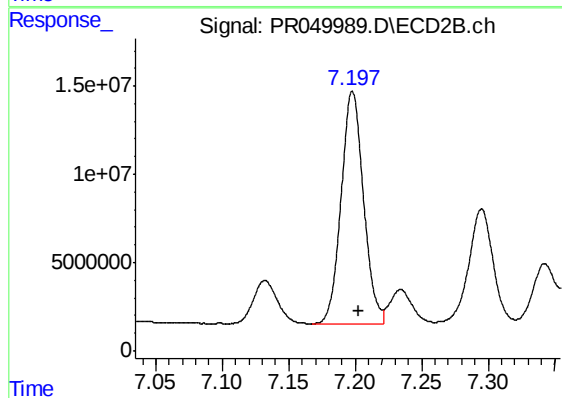
#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 219177073
Conc: 465.68 ng/ml



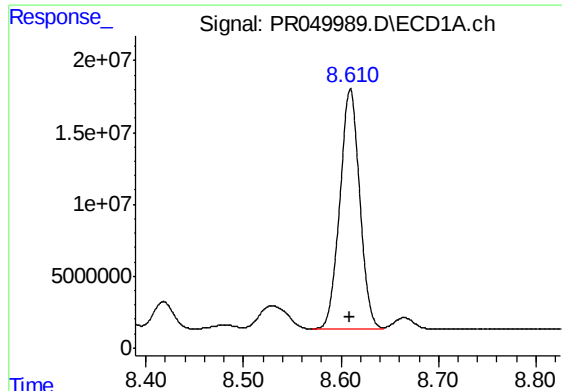
#34 AR-1260-4

R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 121041733
Conc: 373.14 ng/ml



#34 AR-1260-4

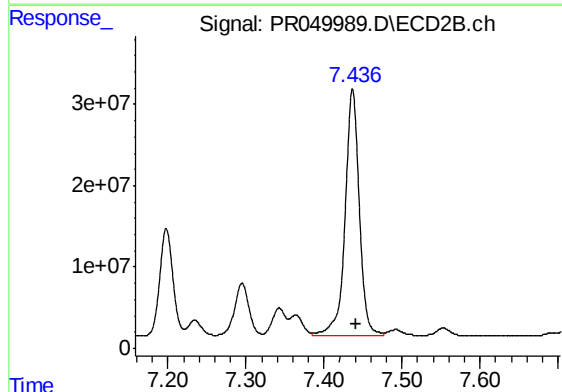
R.T.: 7.198 min
Delta R.T.: -0.005 min
Response: 153931303
Conc: 382.64 ng/ml



#35 AR-1260-5

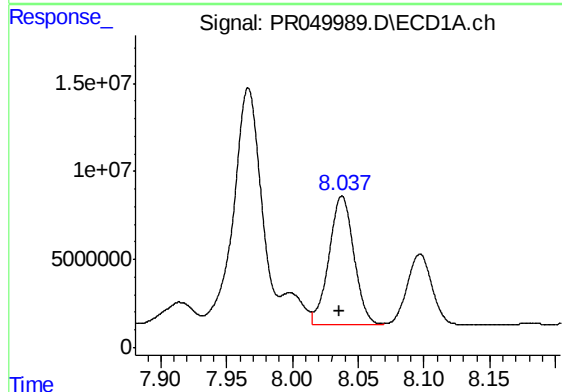
R.T.: 8.610 min
Delta R.T.: 0.001 min
Response: 237166557
Conc: 349.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



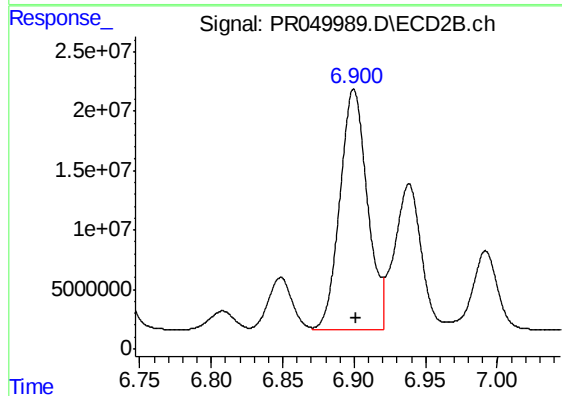
#35 AR-1260-5

R.T.: 7.437 min
Delta R.T.: -0.005 min
Response: 387072581
Conc: 387.32 ng/ml



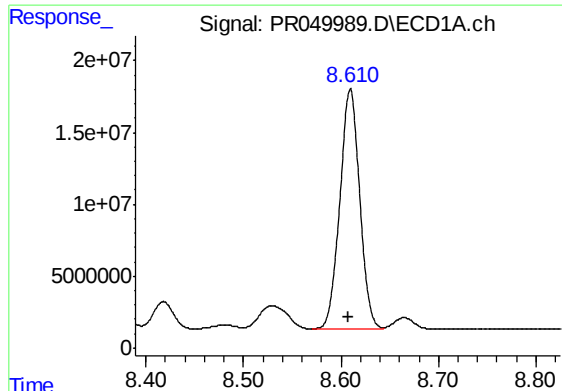
#36 AR-1262-1

R.T.: 8.038 min
Delta R.T.: 0.002 min
Response: 95865406
Conc: 195.31 ng/ml



#36 AR-1262-1

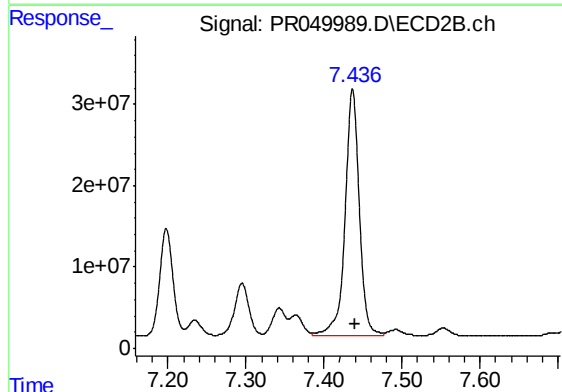
R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 270957452
Conc: 759.93 ng/ml



#37 AR-1262-2

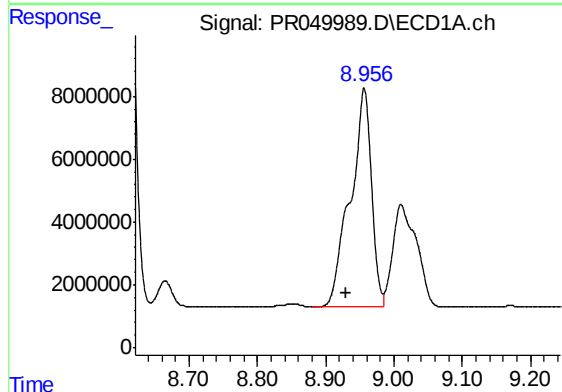
R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 237166557
Conc: 251.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



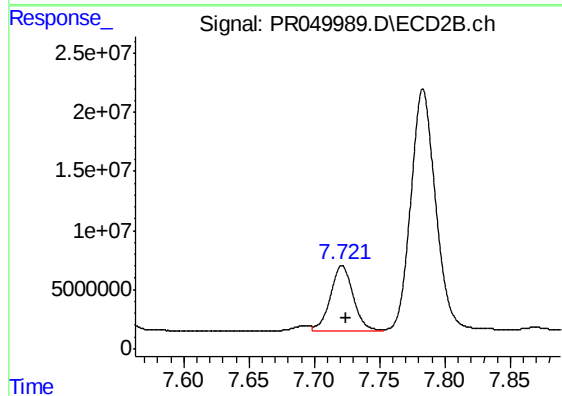
#37 AR-1262-2

R.T.: 7.437 min
Delta R.T.: -0.003 min
Response: 387072581
Conc: 295.68 ng/ml



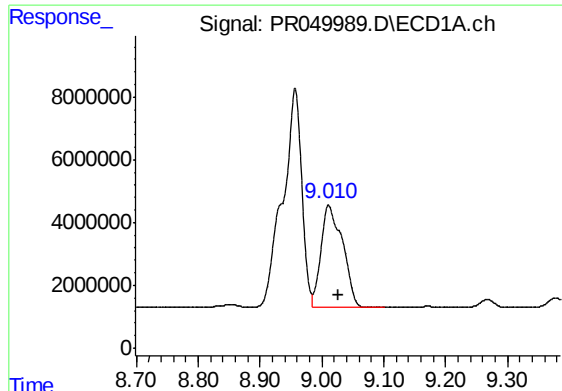
#38 AR-1262-3

R.T.: 8.957 min
Delta R.T.: 0.026 min
Response: 149671807
Conc: 239.74 ng/ml



#38 AR-1262-3

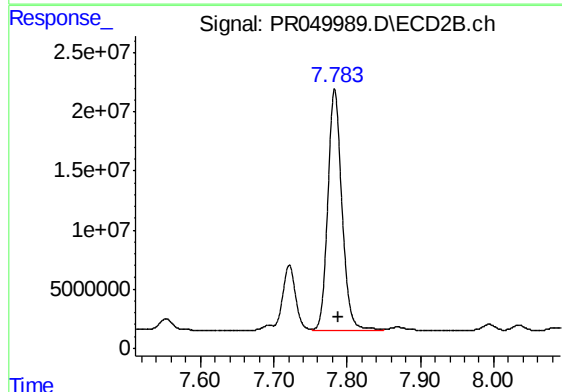
R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 66535345
Conc: 136.31 ng/ml



#39 AR-1262-4

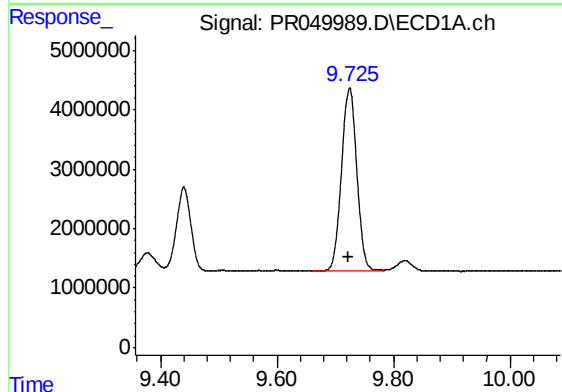
R.T.: 9.010 min
Delta R.T.: -0.016 min
Response: 78686753
Conc: 170.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



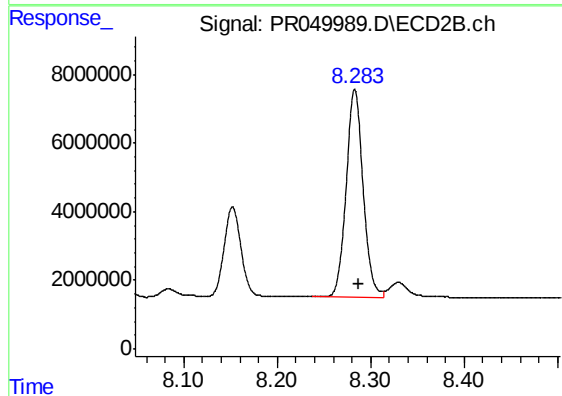
#39 AR-1262-4

R.T.: 7.783 min
Delta R.T.: -0.005 min
Response: 271673591
Conc: 282.76 ng/ml



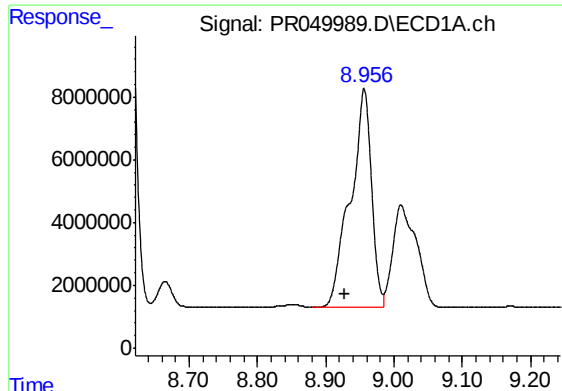
#40 AR-1262-5

R.T.: 9.725 min
Delta R.T.: 0.003 min
Response: 56032315
Conc: 166.22 ng/ml



#40 AR-1262-5

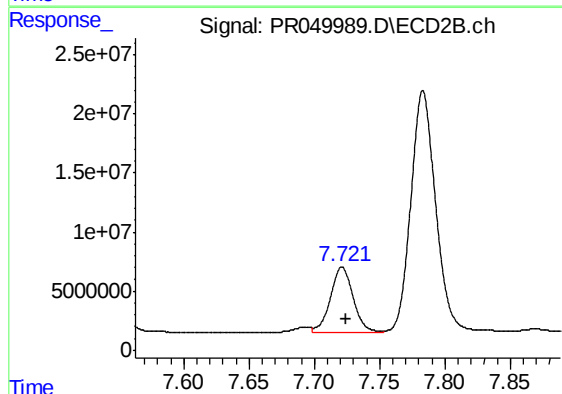
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 76142779
Conc: 175.95 ng/ml



#41 AR-1268-1

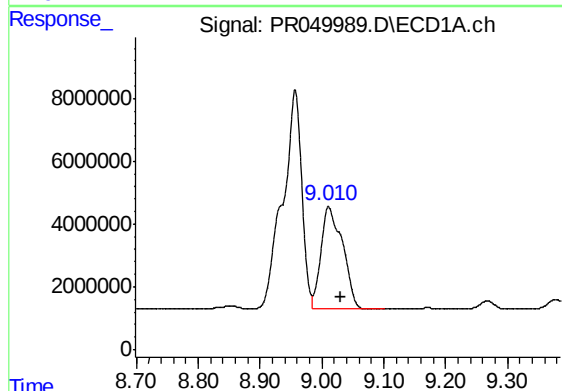
R.T.: 8.957 min
Delta R.T.: 0.028 min
Response: 149671807
Conc: 145.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



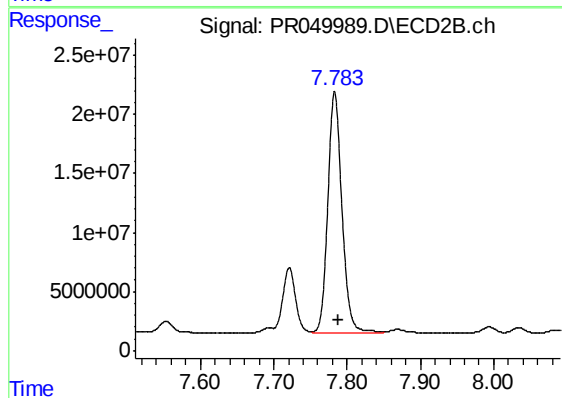
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 66535345
Conc: 48.51 ng/ml



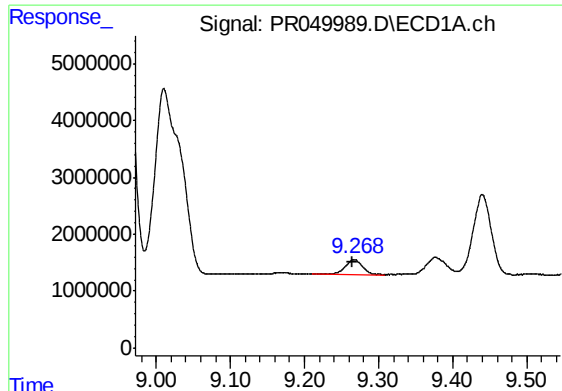
#42 AR-1268-2

R.T.: 9.010 min
Delta R.T.: -0.019 min
Response: 78686753
Conc: 84.01 ng/ml



#42 AR-1268-2

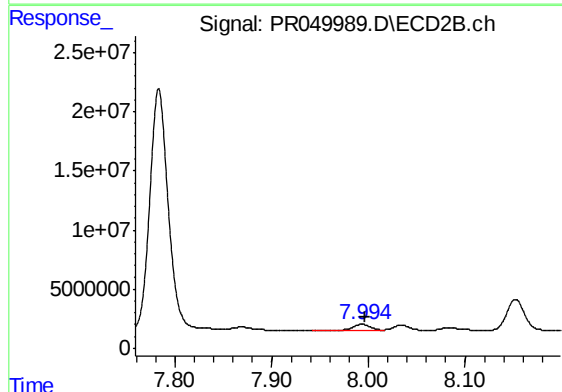
R.T.: 7.783 min
Delta R.T.: -0.005 min
Response: 271673591
Conc: 213.08 ng/ml



#43 AR-1268-3

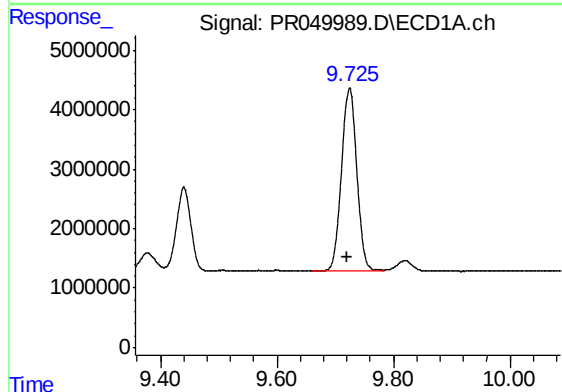
R.T.: 9.267 min
Delta R.T.: 0.002 min
Response: 4123989
Conc: 5.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



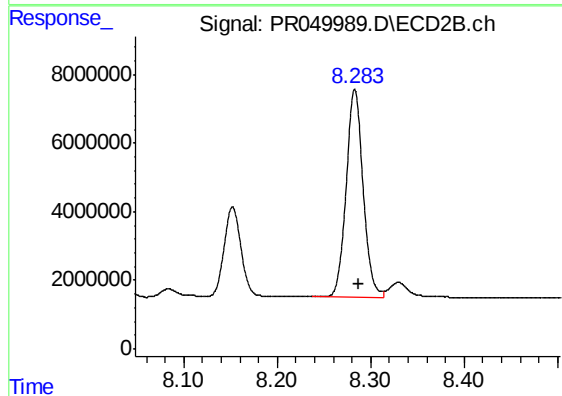
#43 AR-1268-3

R.T.: 7.994 min
Delta R.T.: -0.004 min
Response: 6037038
Conc: 5.68 ng/ml



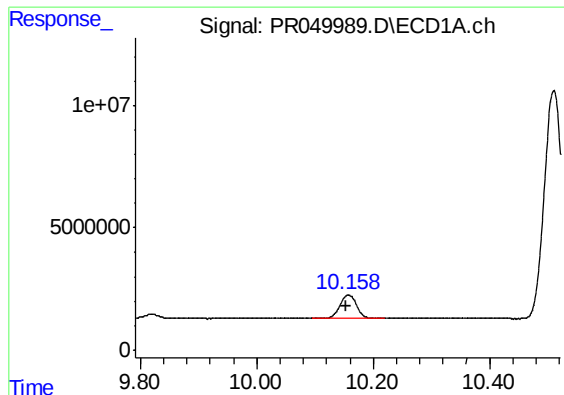
#44 AR-1268-4

R.T.: 9.725 min
Delta R.T.: 0.003 min
Response: 56032315
Conc: 159.80 ng/ml



#44 AR-1268-4

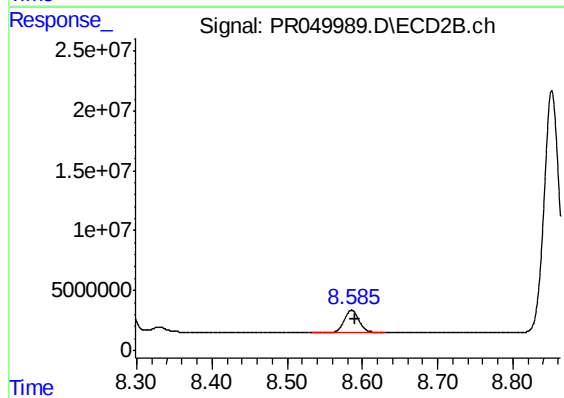
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 76142779
Conc: 167.83 ng/ml



#45 AR-1268-5

R.T.: 10.157 min
Delta R.T.: 0.003 min
Response: 19309805
Conc: 7.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
BG528MSD



#45 AR-1268-5

R.T.: 8.586 min
Delta R.T.: -0.005 min
Response: 24657172
Conc: 7.11 ng/ml