

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121219\
 Data File : PR043756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2019 18:11
 Operator : SM\AJ
 Sample : K6171-23MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 01:05:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.704	3.963	125.9E6	151.4E6	22.648	19.600
2)	SA Decachlor...	10.611	9.052	145.8E6	322.3E6	38.719	32.563
Target Compounds							
3)	L1 AR-1016-1	5.881	5.057	99636426	182.9E6	514.588	448.607
4)	L1 AR-1016-2	5.904	5.076	140.6E6	256.4E6	513.346	459.091
5)	L1 AR-1016-3	5.967	5.254	83522290	136.1E6	507.163	455.712
6)	L1 AR-1016-4	6.067	5.294	69693417	107.1E6	506.055	445.295
7)	L1 AR-1016-5	6.361	5.510	68047087	142.3E6	492.456	448.023
8)	L2 AR-1221-1	4.907	4.174	8229079	10354985	143.448	121.456
9)	L2 AR-1221-2	5.000	4.262	10145009	13618619	248.247	222.460
10)	L2 AR-1221-3	5.079	4.339	44864531	62735065	326.430	287.156
11)	L3 AR-1232-1	5.079	4.339	44864531	62735065	417.383	371.893
12)	L3 AR-1232-2	5.613	5.076	66707265	256.4E6	1205.278	1098.944
13)	L3 AR-1232-3	5.904	5.254	140.6E6	136.1E6	1239.566	1112.569
14)	L3 AR-1232-4	6.067	5.337	69693417	131.3E6	1199.027	1237.156
15)	L3 AR-1232-5	6.154	5.510	60229159	142.3E6	1348.940	1188.084
16)	L4 AR-1242-1	5.881	5.057	99636426	182.9E6	612.936	553.157
17)	L4 AR-1242-2	5.904	5.076	140.6E6	256.4E6	616.175	560.942
18)	L4 AR-1242-3	5.967	5.254	83522290	136.1E6	607.218	558.634
19)	L4 AR-1242-4	6.067	5.337	69693417	131.3E6	607.150	557.464
20)	L4 AR-1242-5	6.804	5.863	9951570	120.5E6	78.236	353.535 #
21)	L5 AR-1248-1	5.881	5.057	99636426	182.9E6	839.446	747.426
22)	L5 AR-1248-2	6.154	5.294	60229159	107.1E6	369.680	330.305
23)	L5 AR-1248-3	6.361	5.337	68047087	131.3E6	374.767	398.748
24)	L5 AR-1248-4	6.764	5.510	9187027	142.3E6	43.886	343.129 #
25)	L5 AR-1248-5	6.804	5.905	9951570	18308442	50.125	41.193
26)	L6 AR-1254-1	6.738	5.863	53195644	120.5E6	243.380	169.156 #
27)	L6 AR-1254-2	6.954	6.010	56440884	119.9E6	167.375	187.517
28)	L6 AR-1254-3	7.325	6.431	29707715	265.0E6	84.934	261.824 #
29)	L6 AR-1254-4	7.609	6.643	18802353	25398377	75.245	35.272 #
30)	L6 AR-1254-5	8.029	7.062	181.0E6	405.5E6	702.388	475.991 #
31)	L7 AR-1260-1	7.487	6.546	128.7E6	296.7E6	516.502	437.944
32)	L7 AR-1260-2	7.742	6.732	149.6E6	422.2E6	503.503	435.815
33)	L7 AR-1260-3	8.103	6.888	90268081	340.8E6	407.449	436.357
34)	L7 AR-1260-4	8.341	7.360	110.8E6	234.7E6	440.552	369.995
35)	L7 AR-1260-5	8.678	7.601	206.3E6	627.2E6	427.846	368.457
36)	L8 AR-1262-1	8.162	7.062	47616280	405.5E6	357.678	820.013 #
37)	L8 AR-1262-2	8.678	7.601	206.3E6	627.2E6	362.210	329.636
38)	L8 AR-1262-3	9.030	7.885	124.5E6	115.2E6	343.996	151.067 #
39)	L8 AR-1262-4	9.085	7.949	64713992	378.5E6	243.140	304.889 #
40)	L8 AR-1262-5	9.806	8.463	42964153	108.6E6	228.161	190.465
41)	L9 AR-1268-1	9.030	7.885	124.5E6	115.2E6	194.618	53.695 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121219\
 Data File : PR043756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2019 18:11
 Operator : SM\AJ
 Sample : K6171-23MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

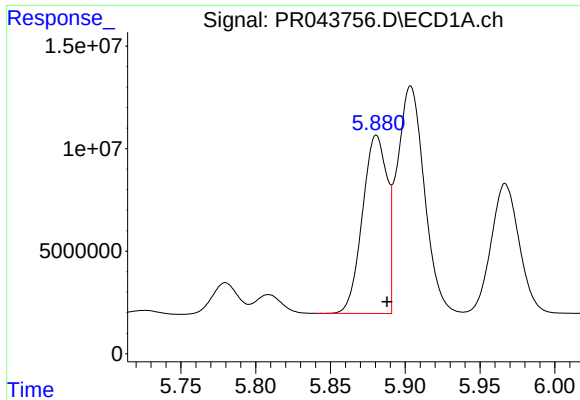
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 01:05:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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
42) L9	AR-1268-2	9.085	7.949	64713992	378.5E6	112.317	208.595 #
43) L9	AR-1268-3	9.350	8.161	3681933	9320749	7.821	6.054
44) L9	AR-1268-4	9.806	8.463	42964153	108.6E6	210.279	177.022
45) L9	AR-1268-5	10.248	8.777	14263068	34795790	9.121	8.224

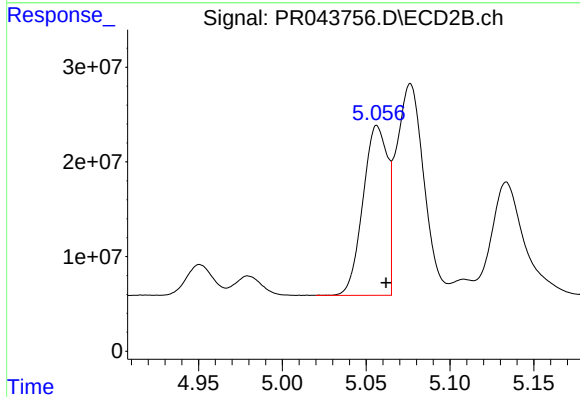
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

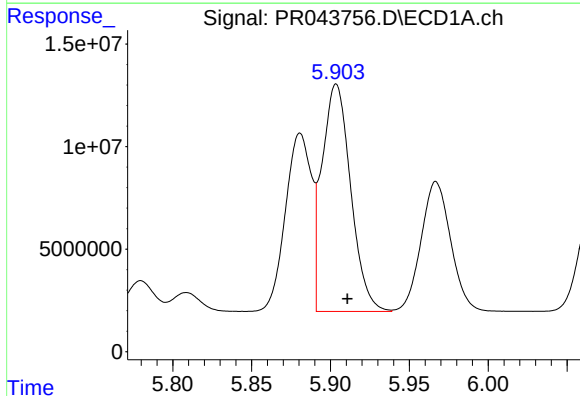
R.T.: 5.881 min
Delta R.T.: -0.007 min
Response: 99636426
Conc: 514.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



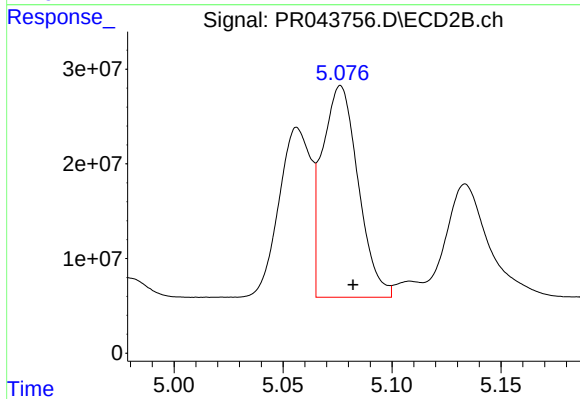
#3 AR-1016-1

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 182895037
Conc: 448.61 ng/ml



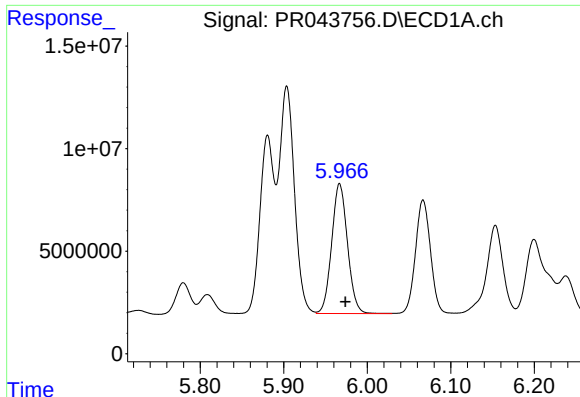
#4 AR-1016-2

R.T.: 5.904 min
Delta R.T.: -0.007 min
Response: 140560561
Conc: 513.35 ng/ml



#4 AR-1016-2

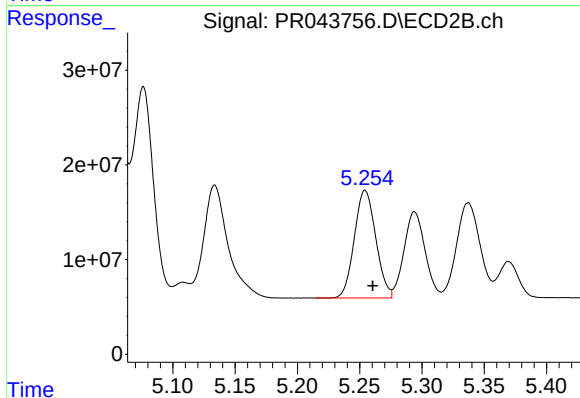
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 256433695
Conc: 459.09 ng/ml



#5 AR-1016-3

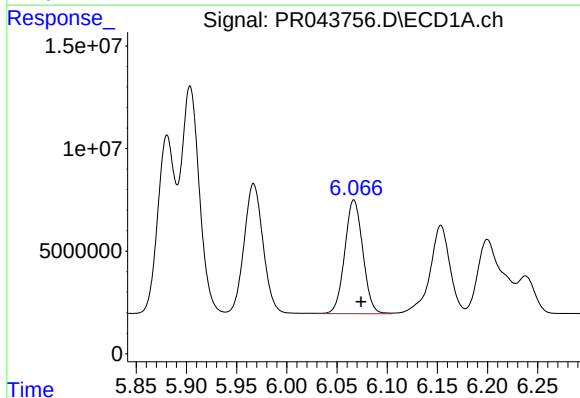
R.T.: 5.967 min
Delta R.T.: -0.007 min
Response: 83522290
Conc: 507.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



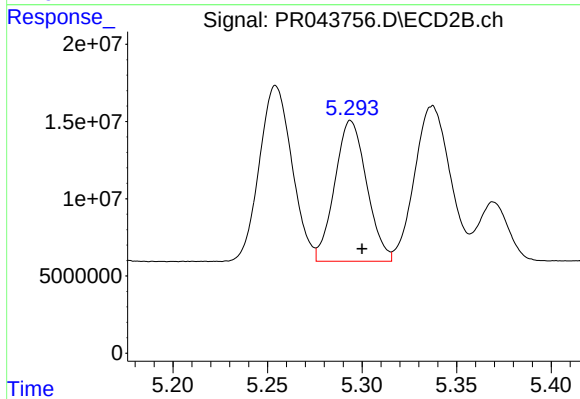
#5 AR-1016-3

R.T.: 5.254 min
Delta R.T.: -0.006 min
Response: 136147777
Conc: 455.71 ng/ml



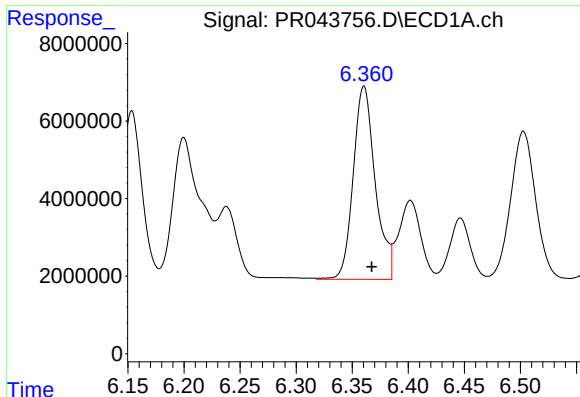
#6 AR-1016-4

R.T.: 6.067 min
Delta R.T.: -0.007 min
Response: 69693417
Conc: 506.05 ng/ml



#6 AR-1016-4

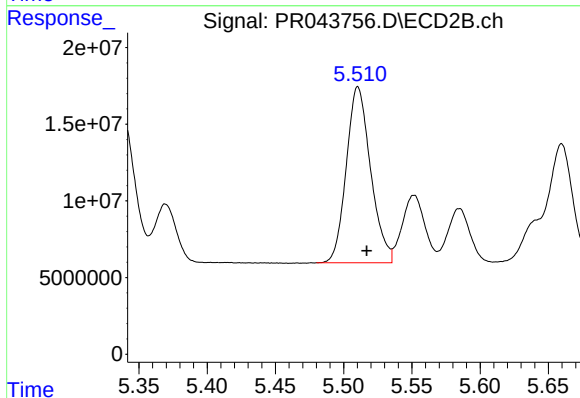
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 107109915
Conc: 445.30 ng/ml



#7 AR-1016-5

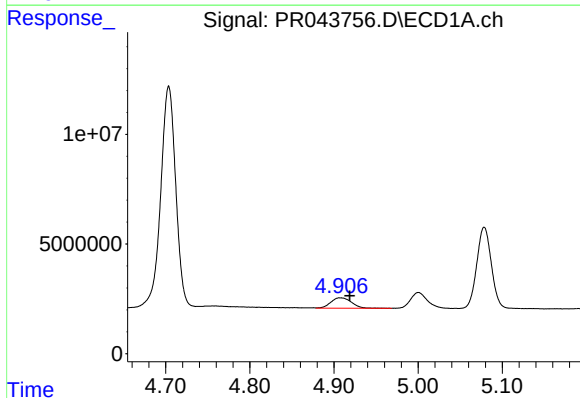
R.T.: 6.361 min
Delta R.T.: -0.007 min
Response: 68047087
Conc: 492.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



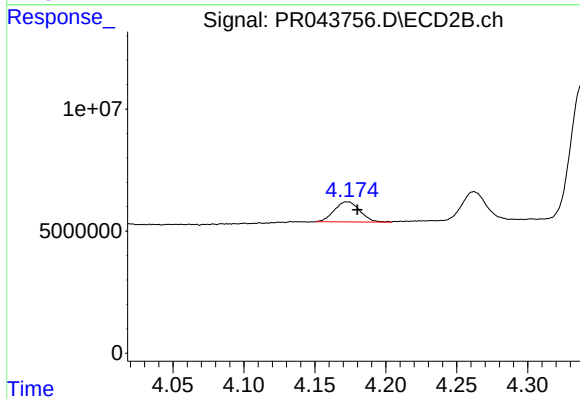
#7 AR-1016-5

R.T.: 5.510 min
Delta R.T.: -0.006 min
Response: 142259871
Conc: 448.02 ng/ml



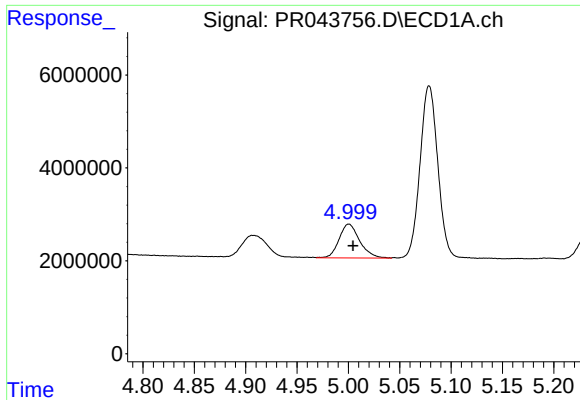
#8 AR-1221-1

R.T.: 4.907 min
Delta R.T.: -0.011 min
Response: 8229079
Conc: 143.45 ng/ml



#8 AR-1221-1

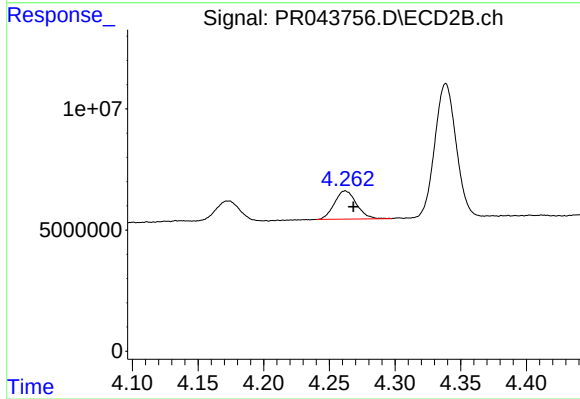
R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 10354985
Conc: 121.46 ng/ml



#9 AR-1221-2

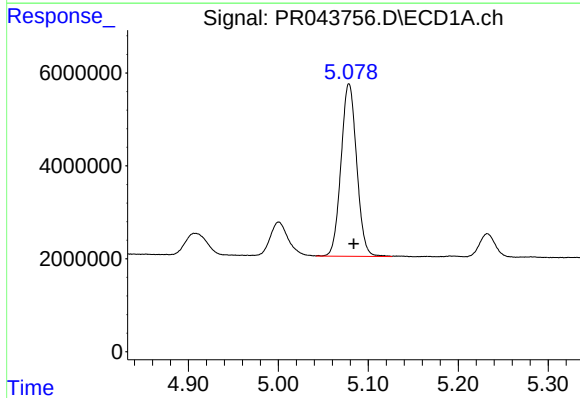
R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 10145009
Conc: 248.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



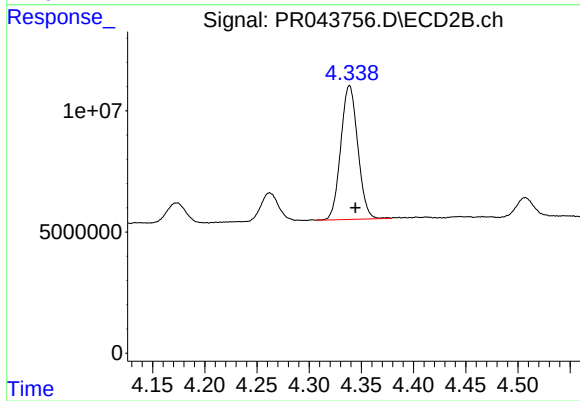
#9 AR-1221-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 13618619
Conc: 222.46 ng/ml



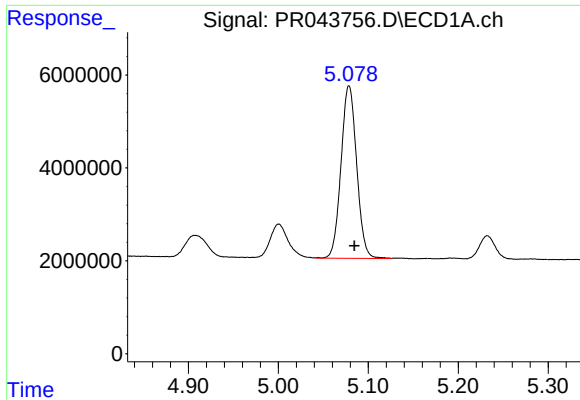
#10 AR-1221-3

R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 44864531
Conc: 326.43 ng/ml



#10 AR-1221-3

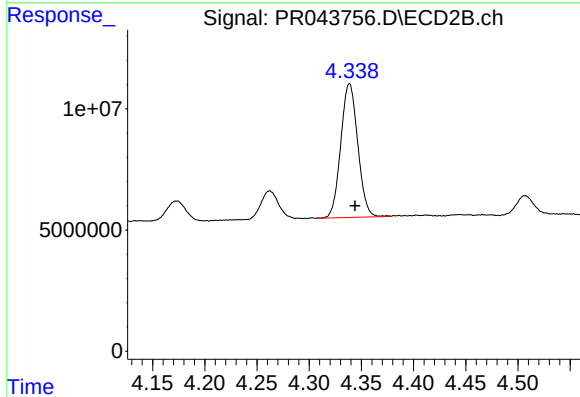
R.T.: 4.339 min
Delta R.T.: -0.005 min
Response: 62735065
Conc: 287.16 ng/ml



#11 AR-1232-1

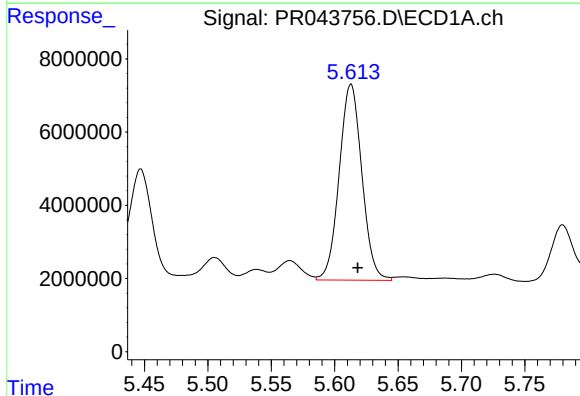
R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 44864531
Conc: 417.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



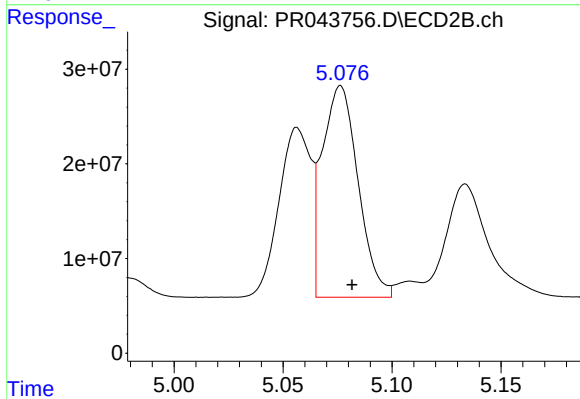
#11 AR-1232-1

R.T.: 4.339 min
Delta R.T.: -0.005 min
Response: 62735065
Conc: 371.89 ng/ml



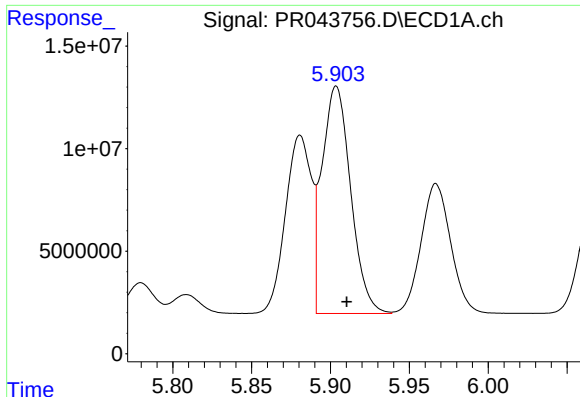
#12 AR-1232-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 66707265
Conc: 1205.28 ng/ml



#12 AR-1232-2

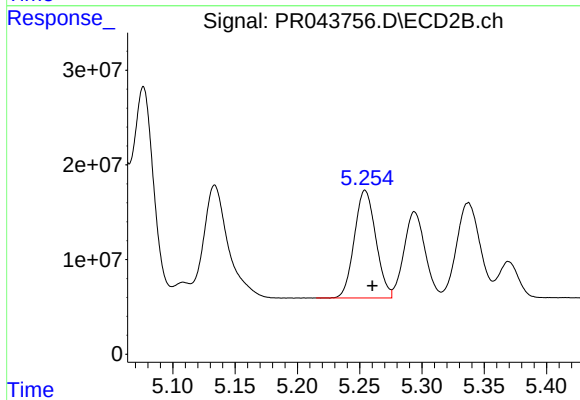
R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 256433695
Conc: 1098.94 ng/ml



#13 AR-1232-3

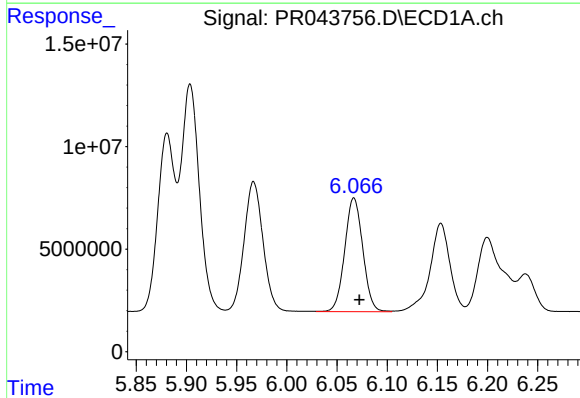
R.T.: 5.904 min
Delta R.T.: -0.007 min
Response: 140560561
Conc: 1239.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



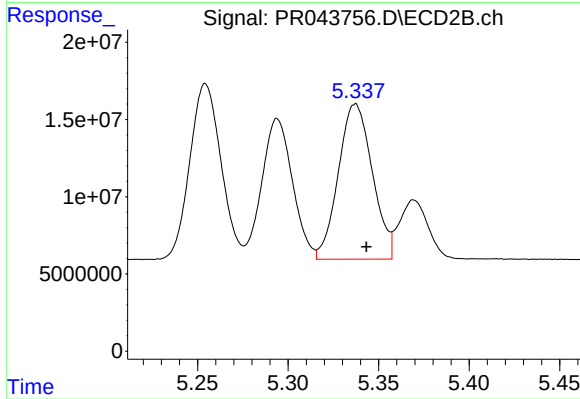
#13 AR-1232-3

R.T.: 5.254 min
Delta R.T.: -0.006 min
Response: 136147777
Conc: 1112.57 ng/ml



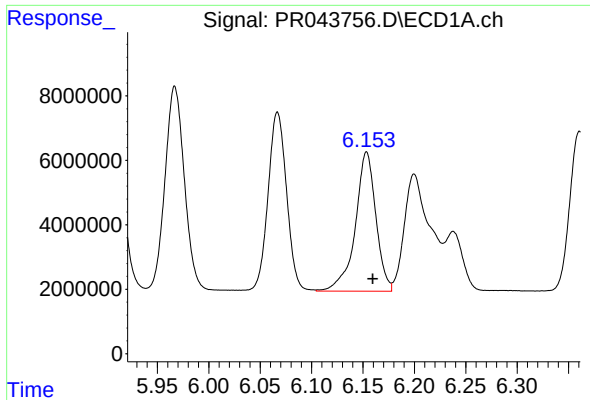
#14 AR-1232-4

R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 69693417
Conc: 1199.03 ng/ml



#14 AR-1232-4

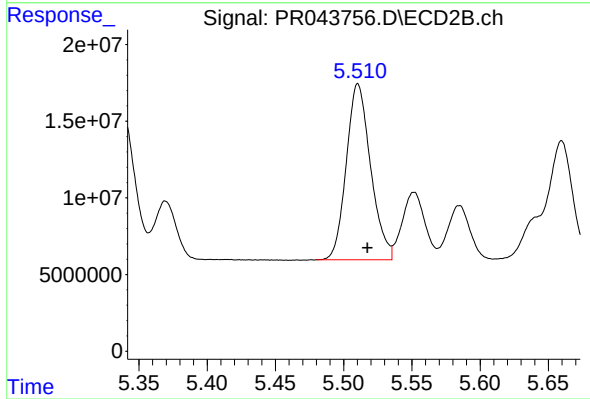
R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 131324772
Conc: 1237.16 ng/ml



#15 AR-1232-5

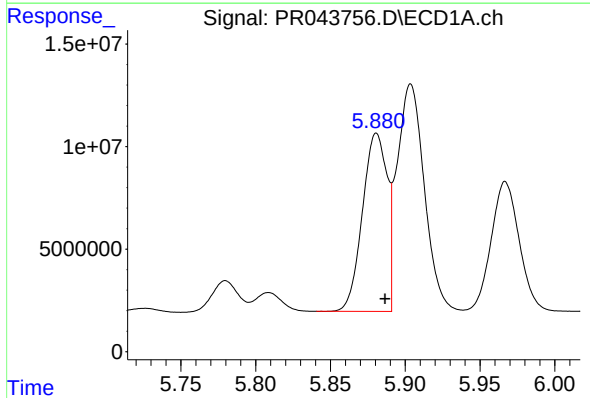
R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 60229159
Conc: 1348.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



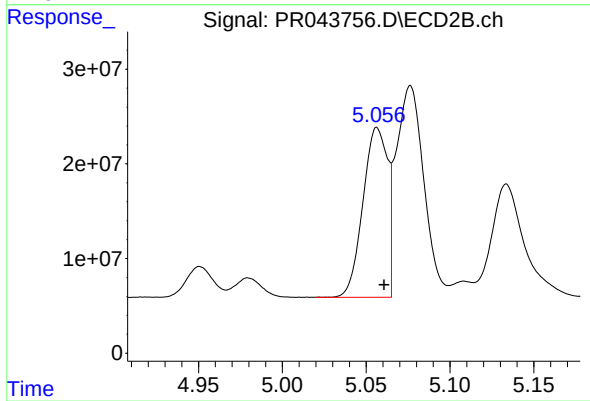
#15 AR-1232-5

R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 142259871
Conc: 1188.08 ng/ml



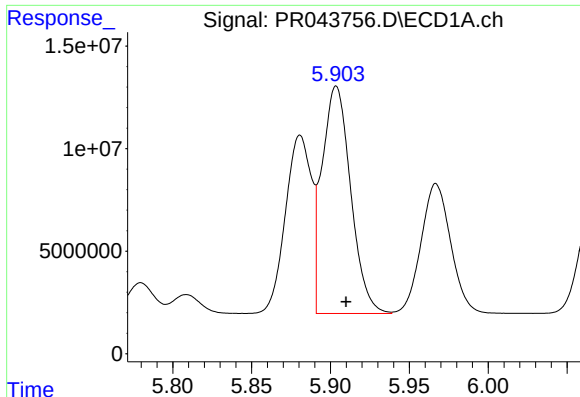
#16 AR-1242-1

R.T.: 5.881 min
Delta R.T.: -0.006 min
Response: 99636426
Conc: 612.94 ng/ml



#16 AR-1242-1

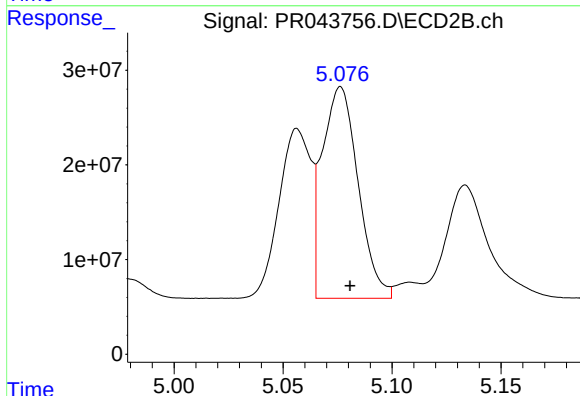
R.T.: 5.057 min
Delta R.T.: -0.004 min
Response: 182895037
Conc: 553.16 ng/ml



#17 AR-1242-2

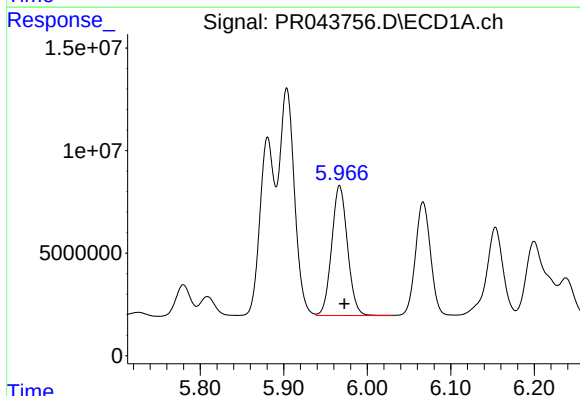
R.T.: 5.904 min
Delta R.T.: -0.006 min
Response: 140560561
Conc: 616.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



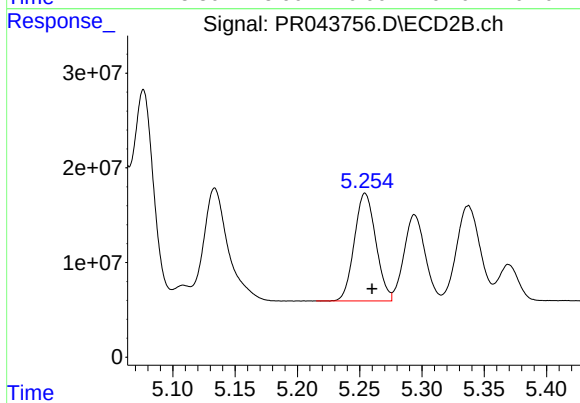
#17 AR-1242-2

R.T.: 5.076 min
Delta R.T.: -0.004 min
Response: 256433695
Conc: 560.94 ng/ml



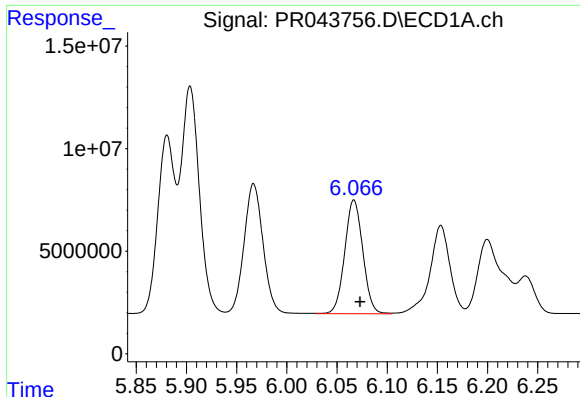
#18 AR-1242-3

R.T.: 5.967 min
Delta R.T.: -0.006 min
Response: 83522290
Conc: 607.22 ng/ml



#18 AR-1242-3

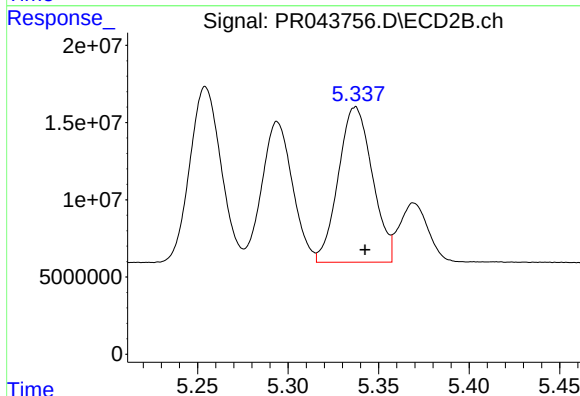
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 136147777
Conc: 558.63 ng/ml



#19 AR-1242-4

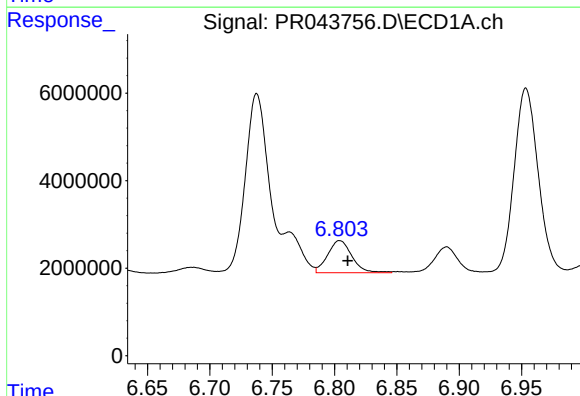
R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 69693417
Conc: 607.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



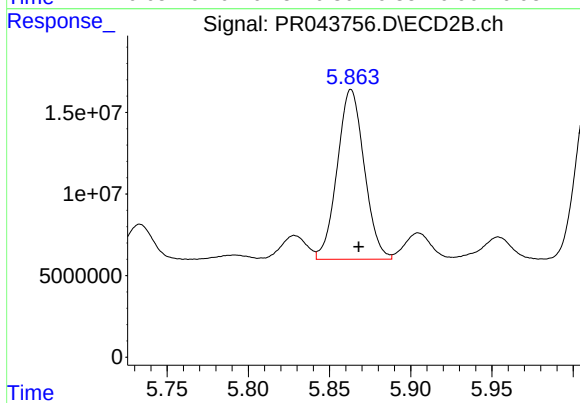
#19 AR-1242-4

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 131324772
Conc: 557.46 ng/ml



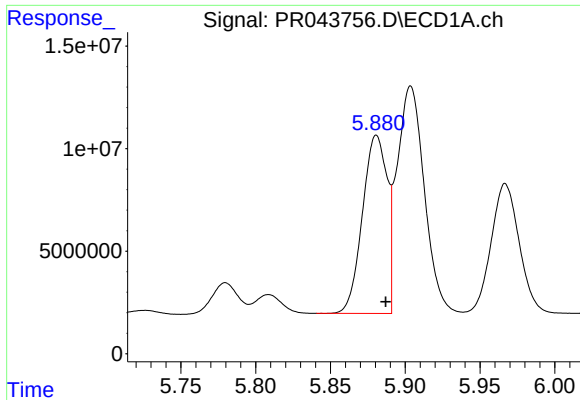
#20 AR-1242-5

R.T.: 6.804 min
Delta R.T.: -0.006 min
Response: 9951570
Conc: 78.24 ng/ml



#20 AR-1242-5

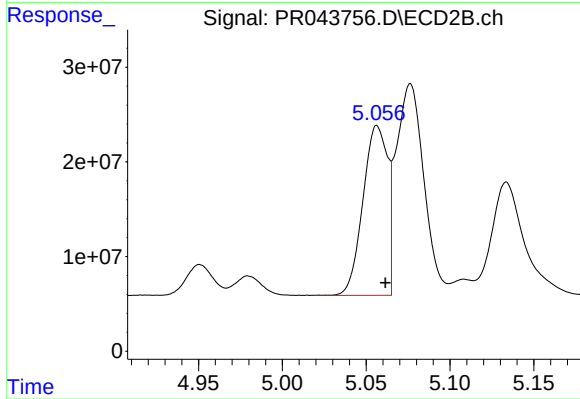
R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 120518060
Conc: 353.54 ng/ml



#21 AR-1248-1

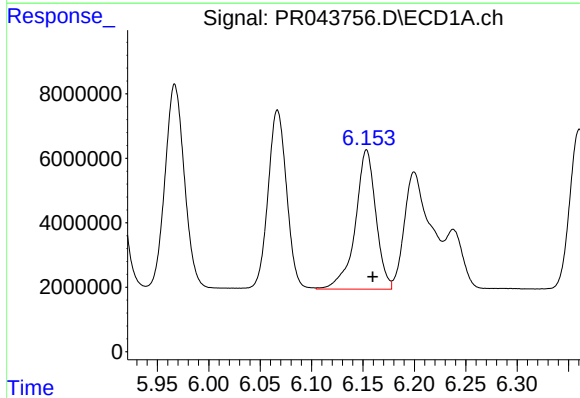
R.T.: 5.881 min
Delta R.T.: -0.006 min
Response: 99636426
Conc: 839.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



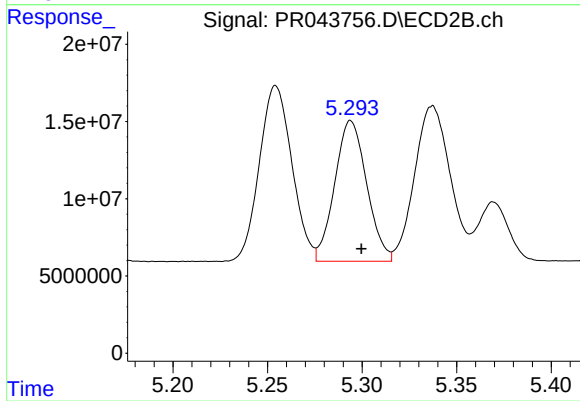
#21 AR-1248-1

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 182895037
Conc: 747.43 ng/ml



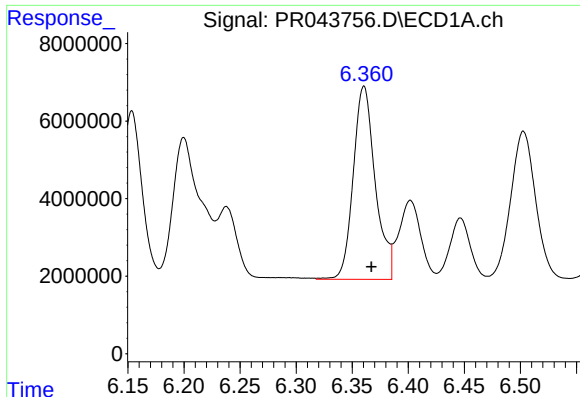
#22 AR-1248-2

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 60229159
Conc: 369.68 ng/ml



#22 AR-1248-2

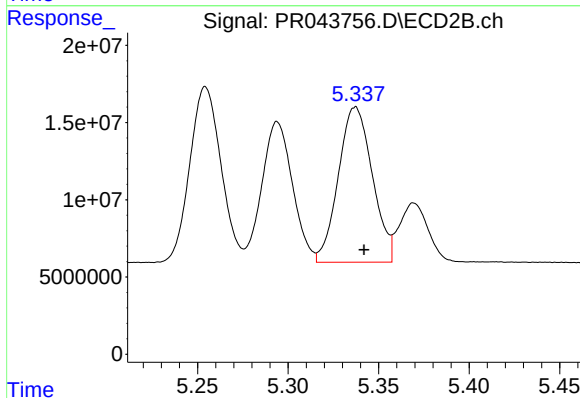
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 107109915
Conc: 330.31 ng/ml



#23 AR-1248-3

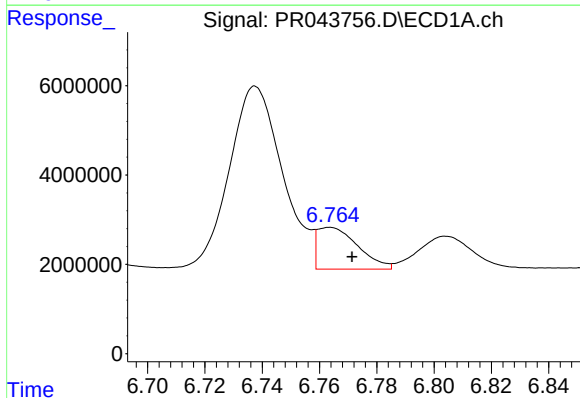
R.T.: 6.361 min
Delta R.T.: -0.007 min
Response: 68047087
Conc: 374.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



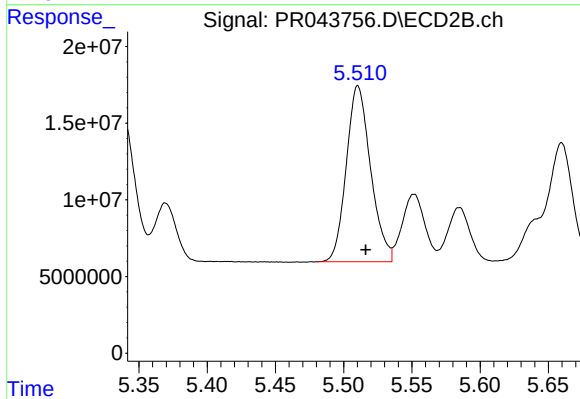
#23 AR-1248-3

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 131324772
Conc: 398.75 ng/ml



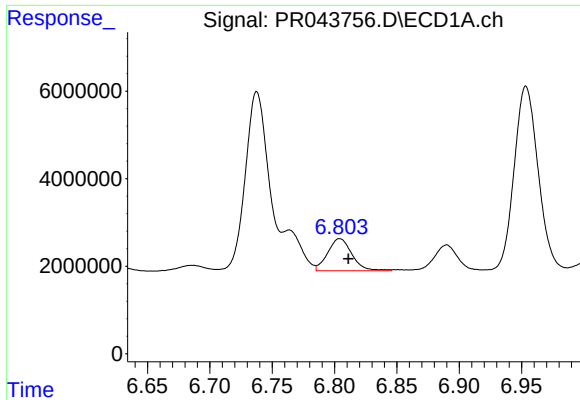
#24 AR-1248-4

R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 9187027
Conc: 43.89 ng/ml



#24 AR-1248-4

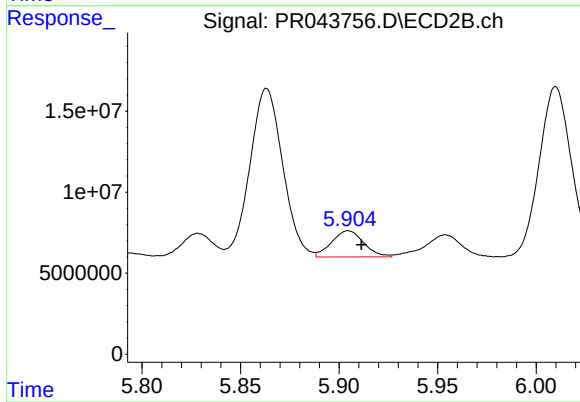
R.T.: 5.510 min
Delta R.T.: -0.006 min
Response: 142259871
Conc: 343.13 ng/ml



#25 AR-1248-5

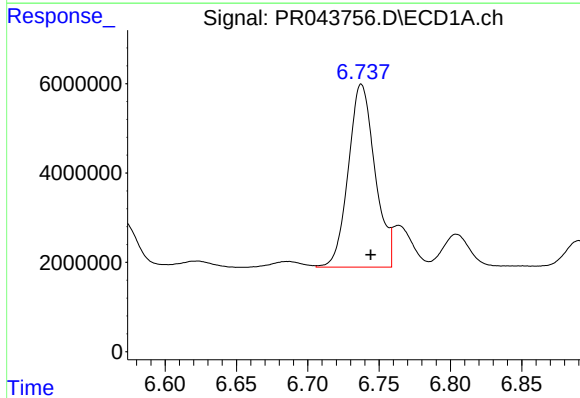
R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 9951570
Conc: 50.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



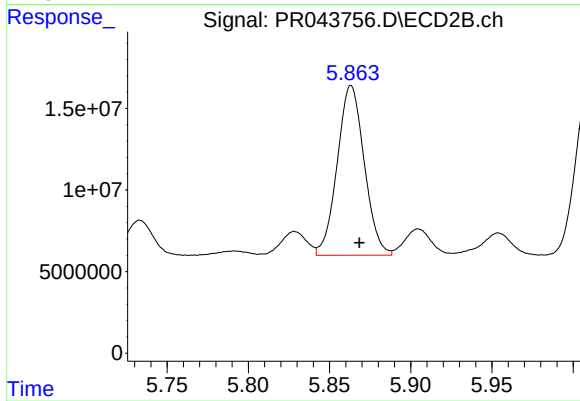
#25 AR-1248-5

R.T.: 5.905 min
Delta R.T.: -0.007 min
Response: 18308442
Conc: 41.19 ng/ml



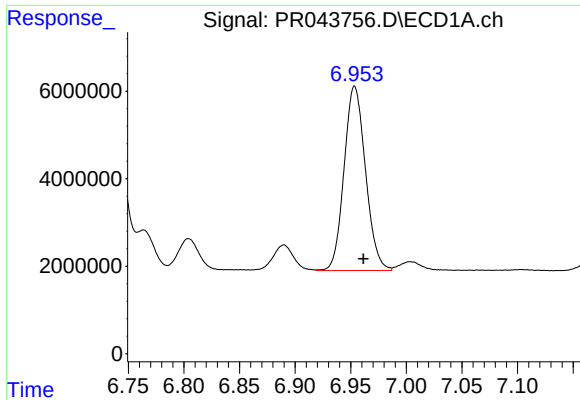
#26 AR-1254-1

R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 53195644
Conc: 243.38 ng/ml



#26 AR-1254-1

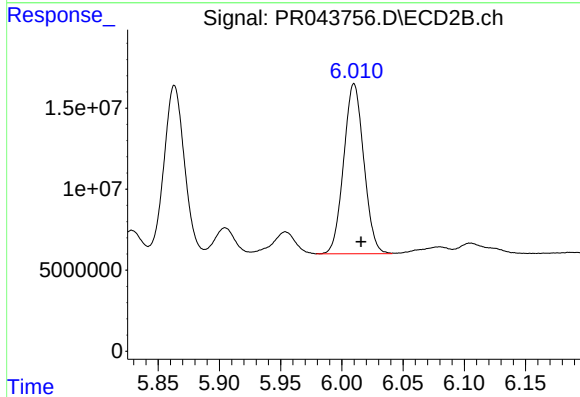
R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 120518060
Conc: 169.16 ng/ml



#27 AR-1254-2

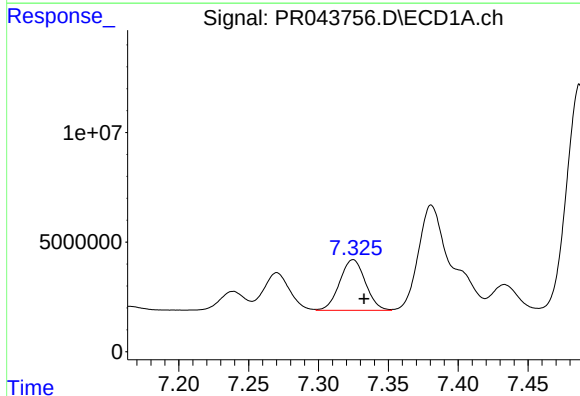
R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 56440884
Conc: 167.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



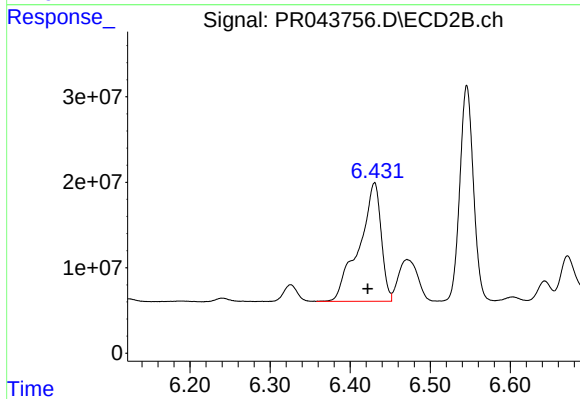
#27 AR-1254-2

R.T.: 6.010 min
Delta R.T.: -0.006 min
Response: 119942085
Conc: 187.52 ng/ml



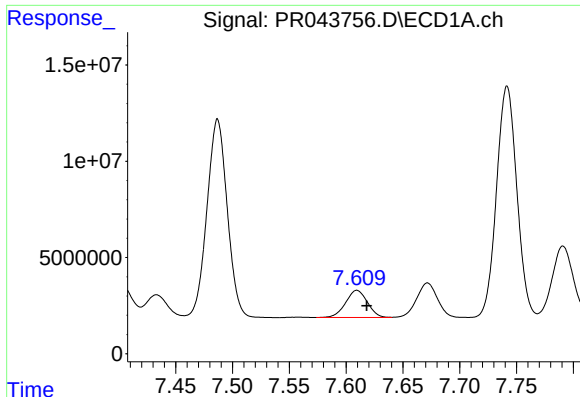
#28 AR-1254-3

R.T.: 7.325 min
Delta R.T.: -0.008 min
Response: 29707715
Conc: 84.93 ng/ml



#28 AR-1254-3

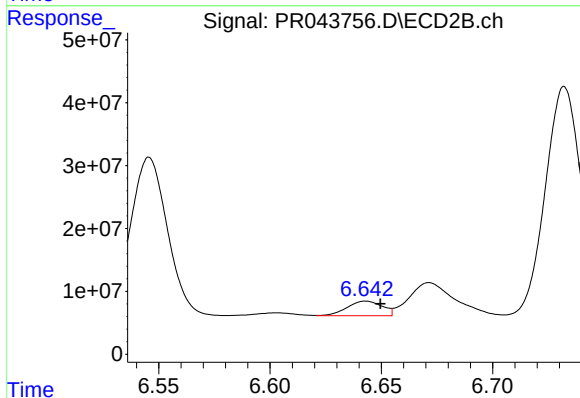
R.T.: 6.431 min
Delta R.T.: 0.008 min
Response: 265039347
Conc: 261.82 ng/ml



#29 AR-1254-4

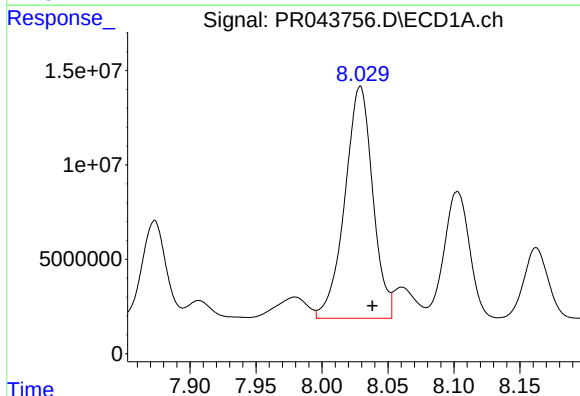
R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 18802353
Conc: 75.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



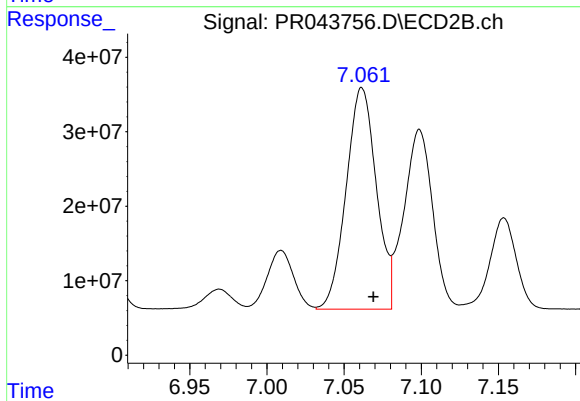
#29 AR-1254-4

R.T.: 6.643 min
Delta R.T.: -0.007 min
Response: 25398377
Conc: 35.27 ng/ml



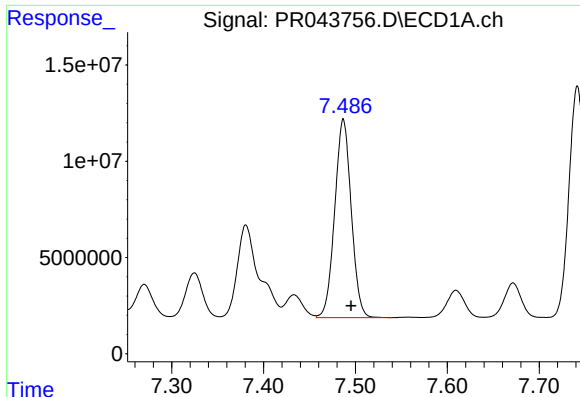
#30 AR-1254-5

R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 181003198
Conc: 702.39 ng/ml



#30 AR-1254-5

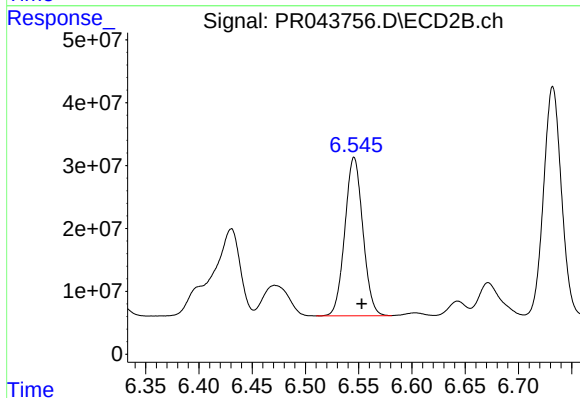
R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 405487298
Conc: 475.99 ng/ml



#31 AR-1260-1

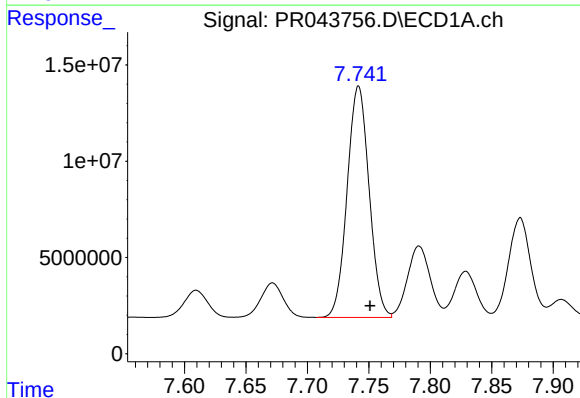
R.T.: 7.487 min
Delta R.T.: -0.008 min
Response: 128707005
Conc: 516.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



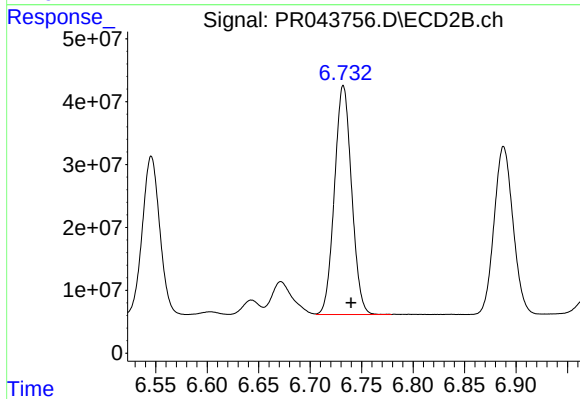
#31 AR-1260-1

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 296702495
Conc: 437.94 ng/ml



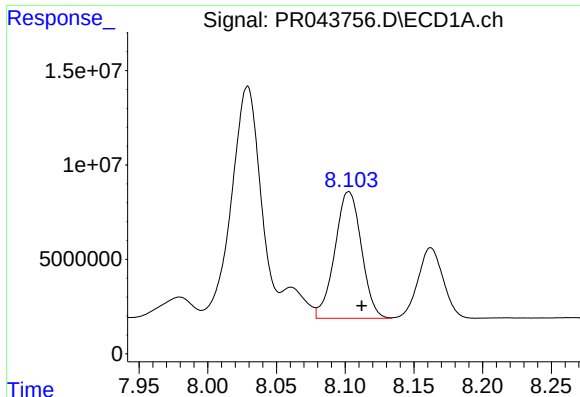
#32 AR-1260-2

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 149589443
Conc: 503.50 ng/ml



#32 AR-1260-2

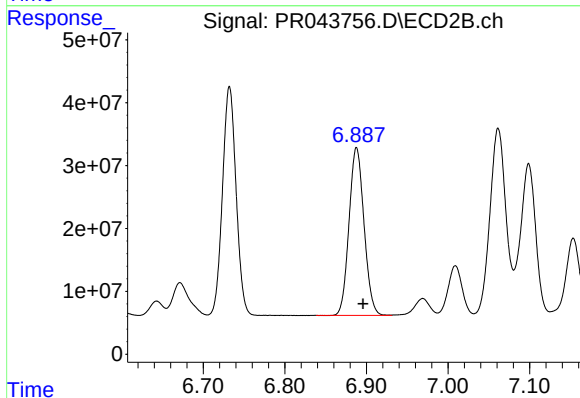
R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 422245973
Conc: 435.81 ng/ml



#33 AR-1260-3

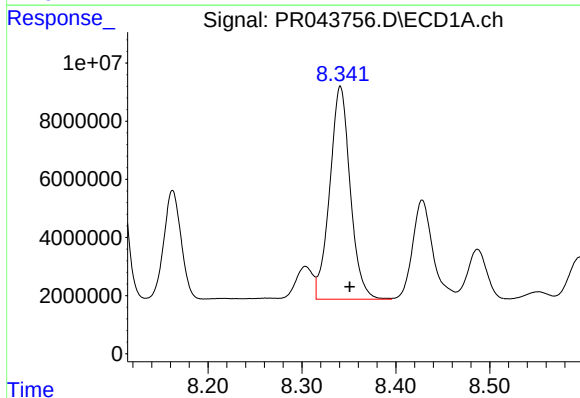
R.T.: 8.103 min
Delta R.T.: -0.010 min
Response: 90268081
Conc: 407.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



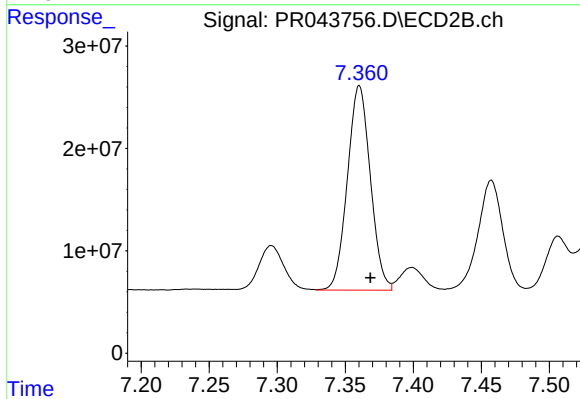
#33 AR-1260-3

R.T.: 6.888 min
Delta R.T.: -0.008 min
Response: 340766976
Conc: 436.36 ng/ml



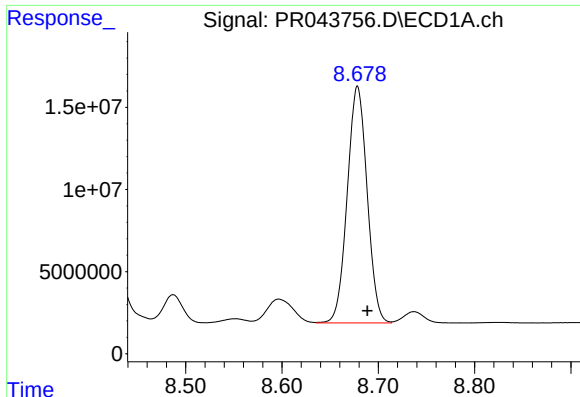
#34 AR-1260-4

R.T.: 8.341 min
Delta R.T.: -0.010 min
Response: 110815020
Conc: 440.55 ng/ml



#34 AR-1260-4

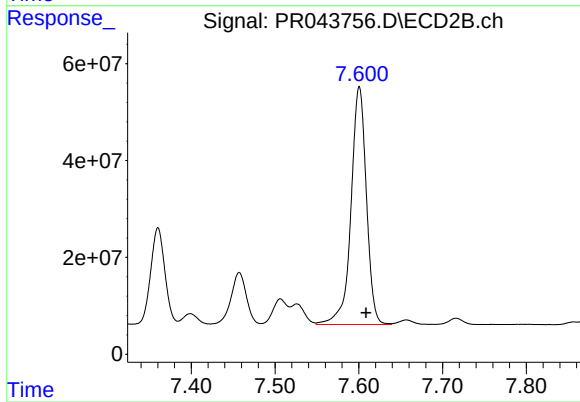
R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 234731528
Conc: 369.99 ng/ml



#35 AR-1260-5

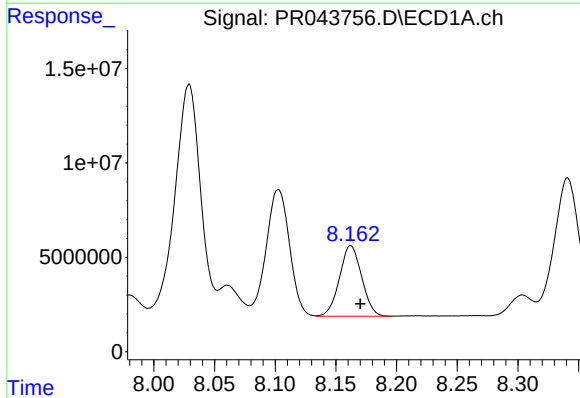
R.T.: 8.678 min
Delta R.T.: -0.010 min
Response: 206316475
Conc: 427.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



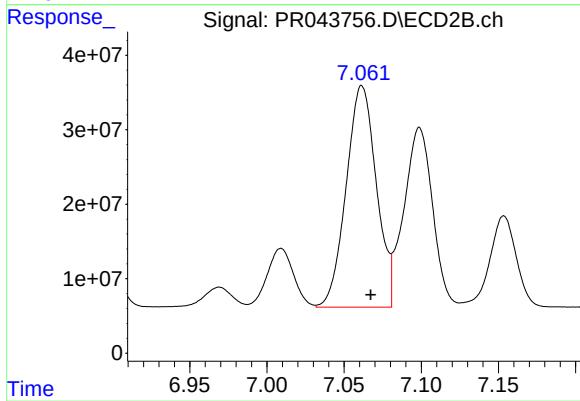
#35 AR-1260-5

R.T.: 7.601 min
Delta R.T.: -0.008 min
Response: 627165133
Conc: 368.46 ng/ml



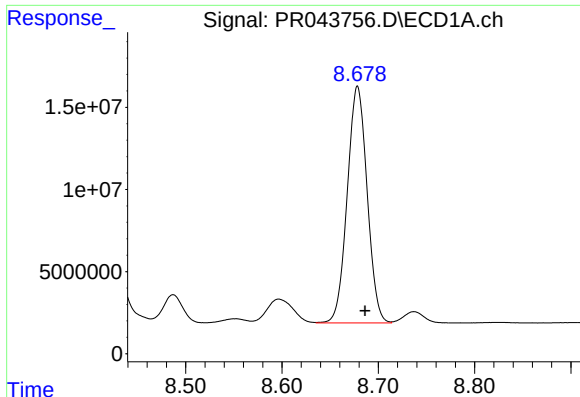
#36 AR-1262-1

R.T.: 8.162 min
Delta R.T.: -0.008 min
Response: 47616280
Conc: 357.68 ng/ml



#36 AR-1262-1

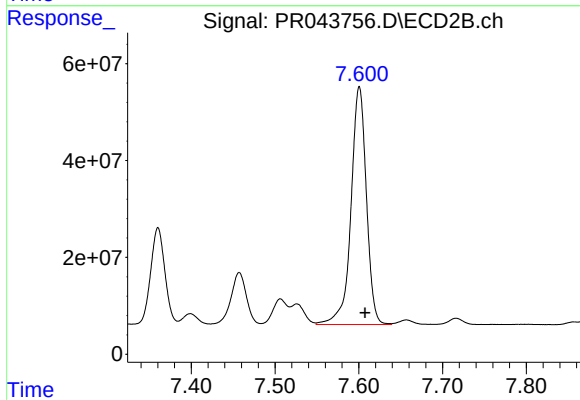
R.T.: 7.062 min
Delta R.T.: -0.006 min
Response: 405487298
Conc: 820.01 ng/ml



#37 AR-1262-2

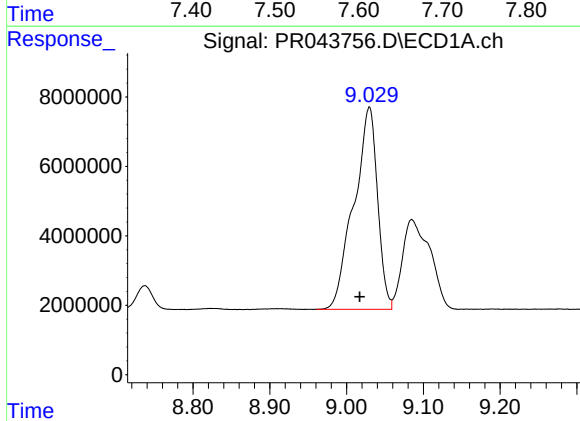
R.T.: 8.678 min
Delta R.T.: -0.008 min
Response: 206316475
Conc: 362.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



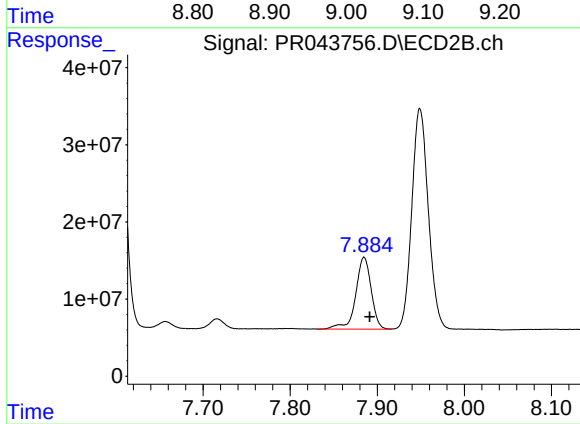
#37 AR-1262-2

R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 627165133
Conc: 329.64 ng/ml



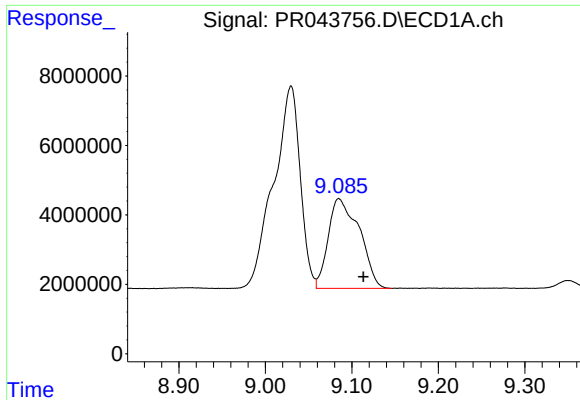
#38 AR-1262-3

R.T.: 9.030 min
Delta R.T.: 0.012 min
Response: 124540996
Conc: 344.00 ng/ml



#38 AR-1262-3

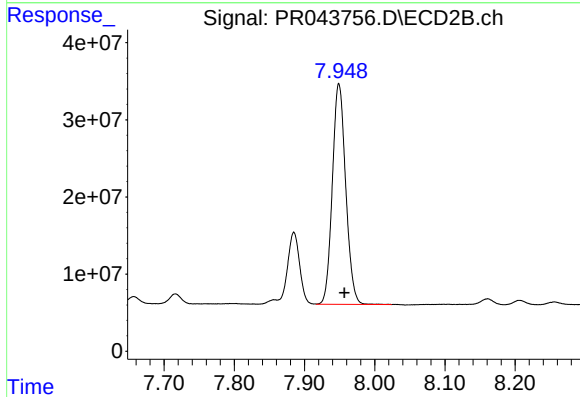
R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 115232309
Conc: 151.07 ng/ml



#39 AR-1262-4

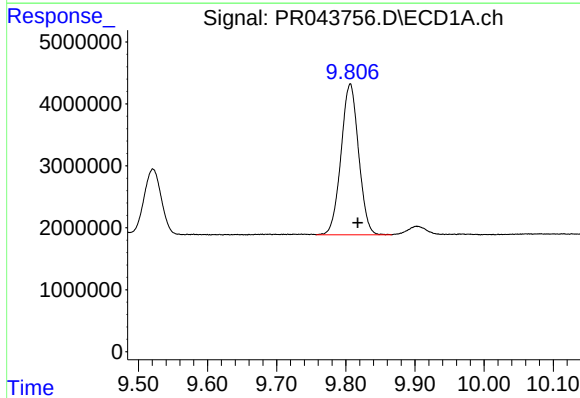
R.T.: 9.085 min
Delta R.T.: -0.028 min
Response: 64713992
Conc: 243.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



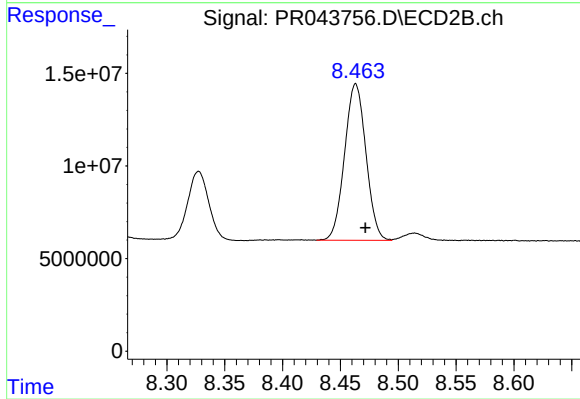
#39 AR-1262-4

R.T.: 7.949 min
Delta R.T.: -0.008 min
Response: 378474025
Conc: 304.89 ng/ml



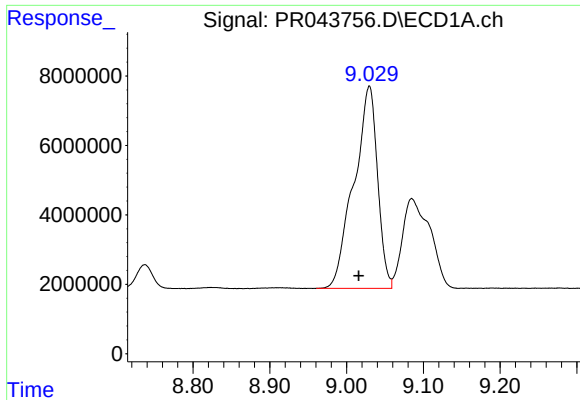
#40 AR-1262-5

R.T.: 9.806 min
Delta R.T.: -0.011 min
Response: 42964153
Conc: 228.16 ng/ml



#40 AR-1262-5

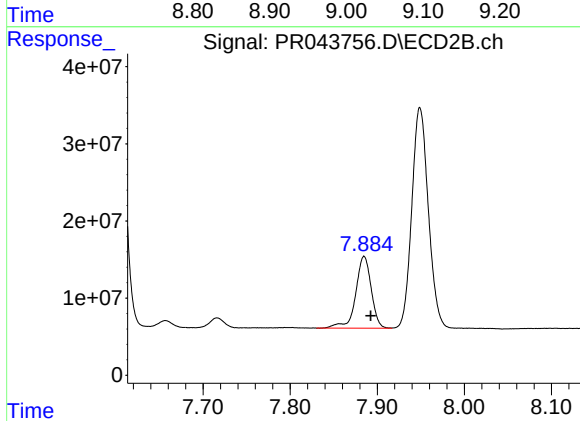
R.T.: 8.463 min
Delta R.T.: -0.009 min
Response: 108555487
Conc: 190.47 ng/ml



#41 AR-1268-1

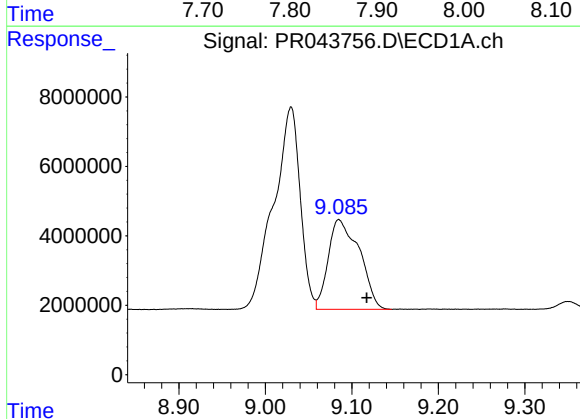
R.T.: 9.030 min
Delta R.T.: 0.014 min
Response: 124540996
Conc: 194.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



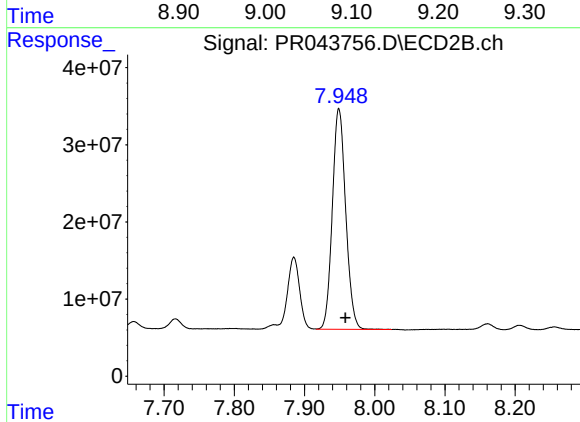
#41 AR-1268-1

R.T.: 7.885 min
Delta R.T.: -0.008 min
Response: 115232309
Conc: 53.70 ng/ml



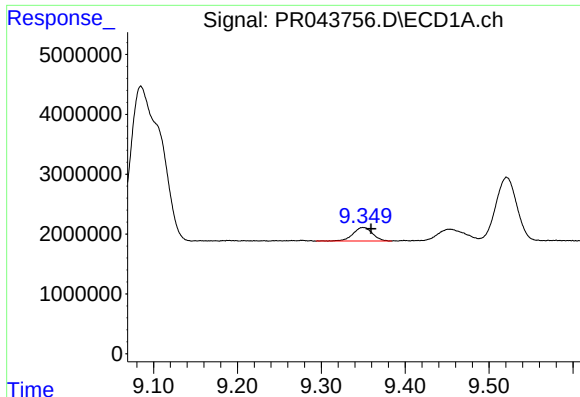
#42 AR-1268-2

R.T.: 9.085 min
Delta R.T.: -0.032 min
Response: 64713992
Conc: 112.32 ng/ml



#42 AR-1268-2

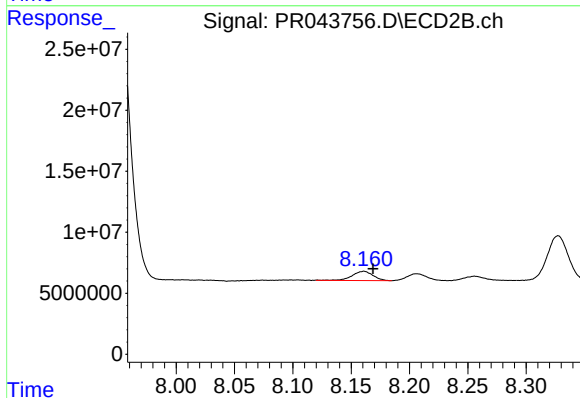
R.T.: 7.949 min
Delta R.T.: -0.009 min
Response: 378474025
Conc: 208.59 ng/ml



#43 AR-1268-3

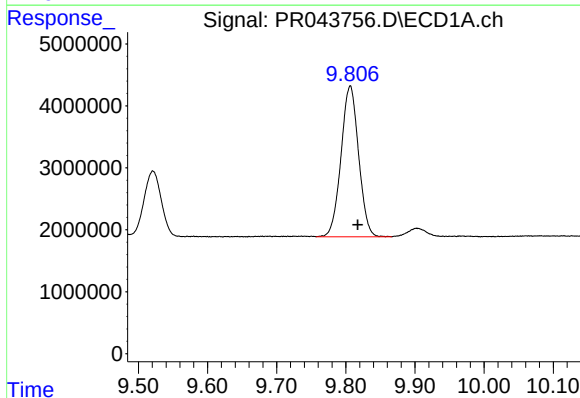
R.T.: 9.350 min
Delta R.T.: -0.009 min
Response: 3681933
Conc: 7.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



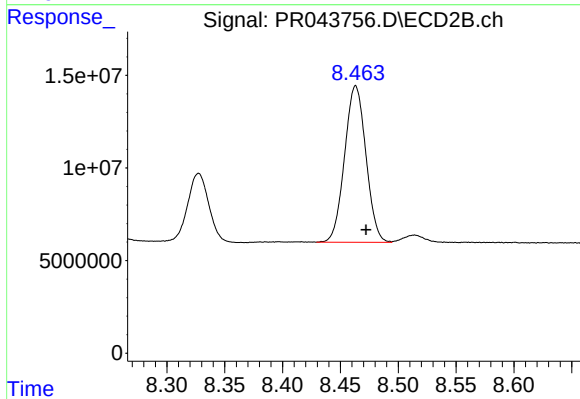
#43 AR-1268-3

R.T.: 8.161 min
Delta R.T.: -0.008 min
Response: 9320749
Conc: 6.05 ng/ml



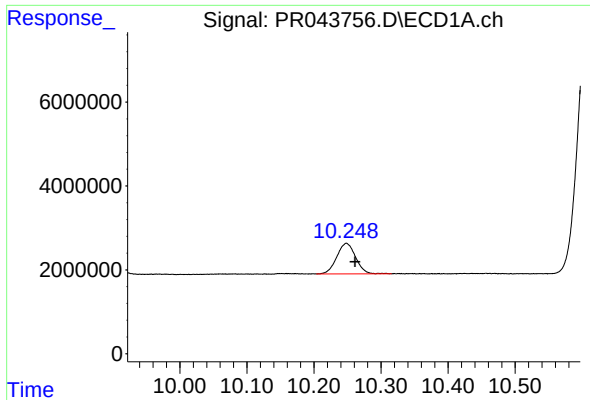
#44 AR-1268-4

R.T.: 9.806 min
Delta R.T.: -0.011 min
Response: 42964153
Conc: 210.28 ng/ml



#44 AR-1268-4

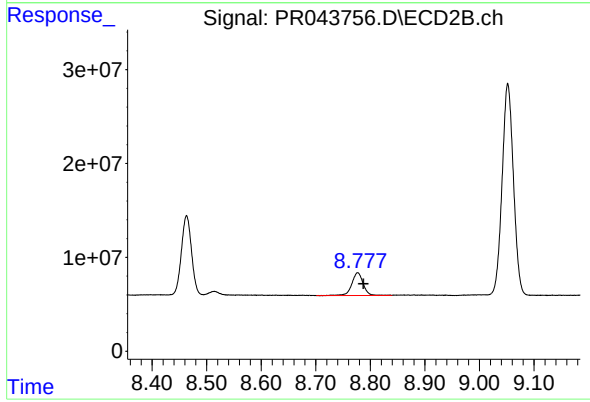
R.T.: 8.463 min
Delta R.T.: -0.009 min
Response: 108555487
Conc: 177.02 ng/ml



#45 AR-1268-5

R.T.: 10.248 min
Delta R.T.: -0.013 min
Response: 14263068
Conc: 9.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.777 min
Delta R.T.: -0.010 min
Response: 34795790
Conc: 8.22 ng/ml