

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121419\
 Data File : PR043834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2019 05:11
 Operator : SM\AJ
 Sample : K6240-13MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BFQW5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 06:10:29 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...	4.705	3.965	107.3E6	134.0E6	19.303	17.346
2)	SA Decachlor...	10.607	9.049	113.9E6	249.4E6	30.258	25.198
Target Compounds							
3)	L1 AR-1016-1	5.880	5.056	85806564	158.8E6	443.161	389.386
4)	L1 AR-1016-2	5.903	5.076	120.2E6	219.7E6	439.125	393.411
5)	L1 AR-1016-3	5.966	5.254	72628310	122.9E6	441.012	411.471
6)	L1 AR-1016-4	6.066	5.293	63313015	89839455	459.726	373.496
7)	L1 AR-1016-5	6.359	5.510	57153863	117.5E6	413.622	370.181
8)	L2 AR-1221-1	4.909	4.176	6970555	8636046	121.509	101.295
9)	L2 AR-1221-2	5.001	4.264	8877069	11501464	217.220	187.877
10)	L2 AR-1221-3	5.079	4.340	40087484	54758237	291.673	250.644
11)	L3 AR-1232-1	5.079	4.340	40087484	54758237	372.941	324.606
12)	L3 AR-1232-2	5.613	5.076	59580968	219.7E6	1076.519	941.725
13)	L3 AR-1232-3	5.903	5.254	120.2E6	122.9E6	1060.347	1004.560
14)	L3 AR-1232-4	6.066	5.337	63313015	103.1E6	1089.257	971.223
15)	L3 AR-1232-5	6.152	5.510	50968994	117.5E6	1141.542	981.658
16)	L4 AR-1242-1	5.880	5.056	85806564	158.8E6	527.858	480.134
17)	L4 AR-1242-2	5.903	5.076	120.2E6	219.7E6	527.087	480.691
18)	L4 AR-1242-3	5.966	5.254	72628310	122.9E6	528.017	504.401
19)	L4 AR-1242-4	6.066	5.337	63313015	103.1E6	551.566	437.634
20)	L4 AR-1242-5	6.803	5.862	7164355	96818899	56.324	284.015 #
21)	L5 AR-1248-1	5.880	5.056	85806564	158.8E6	722.928	648.758
22)	L5 AR-1248-2	6.152	5.293	50968994	89839455	312.842	277.047
23)	L5 AR-1248-3	6.359	5.337	57153863	103.1E6	314.773	313.035
24)	L5 AR-1248-4	6.762	5.510	7286625	117.5E6	34.808	283.511 #
25)	L5 AR-1248-5	6.803	5.905	7164355	18390390	36.086	41.378
26)	L6 AR-1254-1	6.736	5.862	41115275	96818899	188.110	135.892 #
27)	L6 AR-1254-2	6.951	6.009	45447973	93763428	134.776	146.589
28)	L6 AR-1254-3	7.323	6.428	25023402	210.9E6	71.542	208.293 #
29)	L6 AR-1254-4	7.608	6.641	14779650	23158031	59.147	32.160 #
30)	L6 AR-1254-5	8.027	7.060	138.2E6	316.5E6	536.256	371.480 #
31)	L7 AR-1260-1	7.484	6.544	99279883	235.3E6	398.411	347.292
32)	L7 AR-1260-2	7.739	6.730	114.2E6	334.5E6	384.310	345.228
33)	L7 AR-1260-3	8.099	6.886	65829887	263.4E6	297.141	337.268
34)	L7 AR-1260-4	8.338	7.358	86838344	195.4E6	345.232	308.042
35)	L7 AR-1260-5	8.675	7.598	162.0E6	531.9E6	335.869	312.515
36)	L8 AR-1262-1	8.160	7.060	34215212	316.5E6	257.014	639.967 #
37)	L8 AR-1262-2	8.675	7.598	162.0E6	531.9E6	284.343	279.588
38)	L8 AR-1262-3	9.026	7.881	97483477	89692156	269.260	117.584 #
39)	L8 AR-1262-4	9.083	7.946	52437949	315.7E6	197.017	254.296 #
40)	L8 AR-1262-5	9.802	8.459	34495294	87654778	183.187	153.794
41)	L9 AR-1268-1	9.026	7.881	97483477	89692156	152.336	41.794 #

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 Operator : SM\AJ
 Sample : K6240-13MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

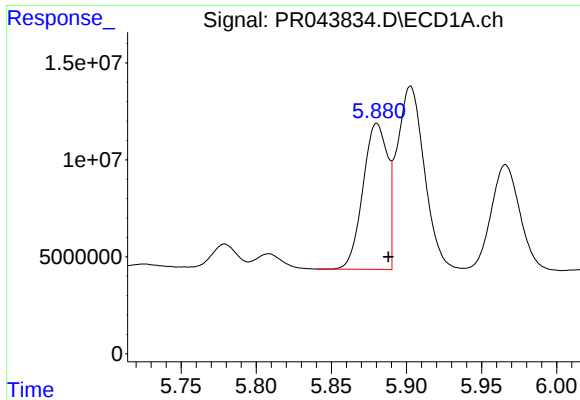
Instrument :
 ECD_R
 ClientSampleId :
 BFQW5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 06:10:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.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
42) L9	AR-1268-2	9.083	7.946	52437949	315.7E6	91.011	173.981 #
43) L9	AR-1268-3	9.346	8.158	2942367	8878937	6.250	5.767
44) L9	AR-1268-4	9.802	8.459	34495294	87654778	168.830	142.939
45) L9	AR-1268-5	10.244	8.773	12100736	26461452	7.738	6.254

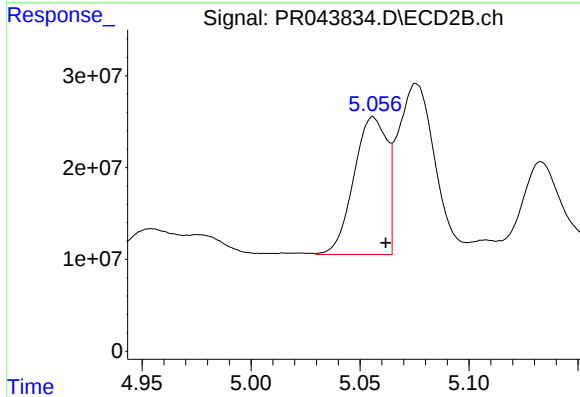
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

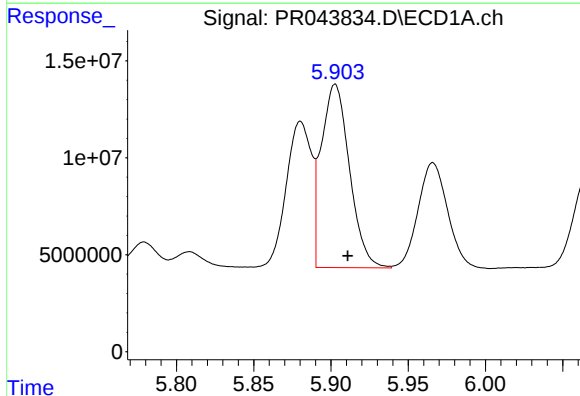
R.T.: 5.880 min
Delta R.T.: -0.008 min
Response: 85806564
Conc: 443.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



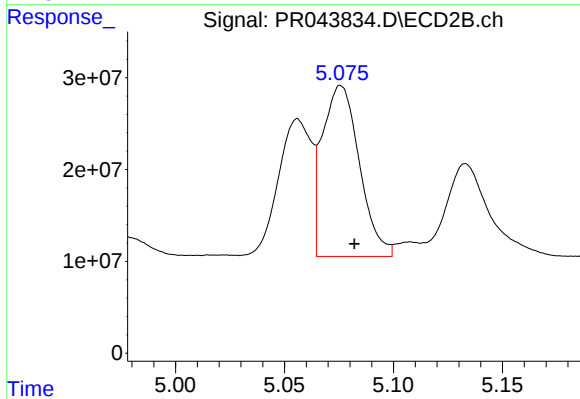
#3 AR-1016-1

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 158750842
Conc: 389.39 ng/ml



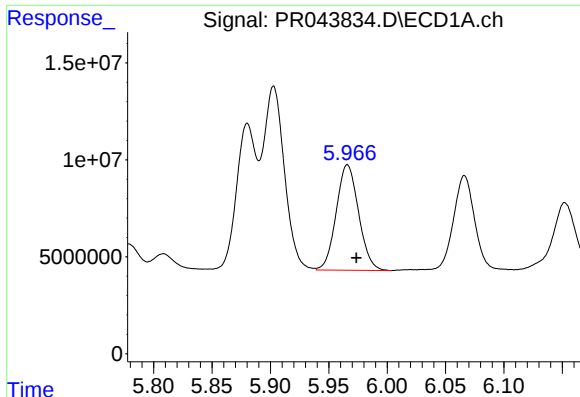
#4 AR-1016-2

R.T.: 5.903 min
Delta R.T.: -0.008 min
Response: 120238074
Conc: 439.13 ng/ml



#4 AR-1016-2

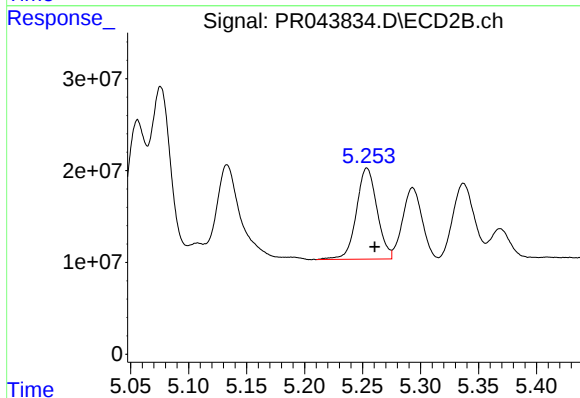
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 219747227
Conc: 393.41 ng/ml



#5 AR-1016-3

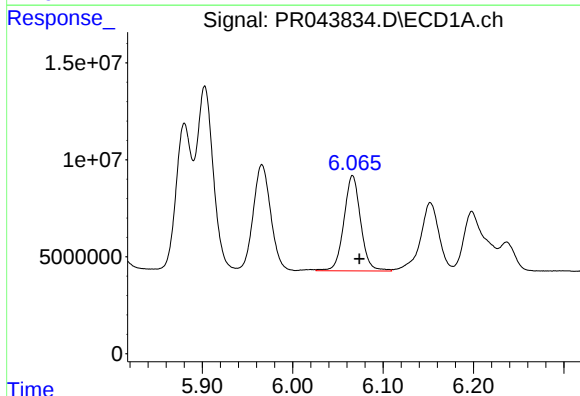
R.T.: 5.966 min
Delta R.T.: -0.008 min
Response: 72628310
Conc: 441.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



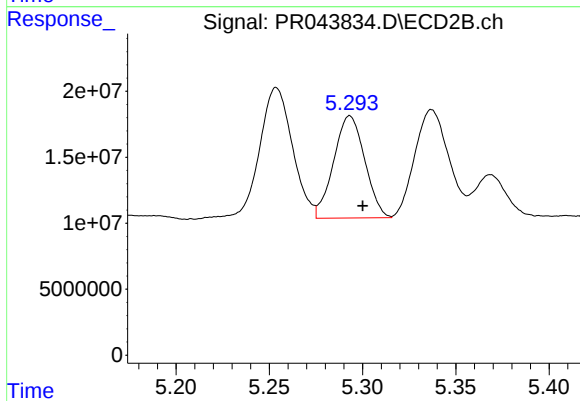
#5 AR-1016-3

R.T.: 5.254 min
Delta R.T.: -0.007 min
Response: 122930405
Conc: 411.47 ng/ml



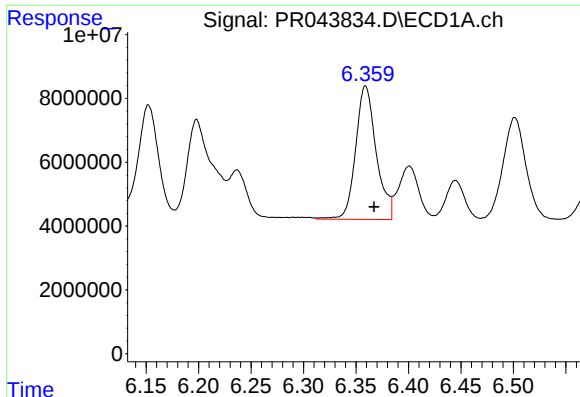
#6 AR-1016-4

R.T.: 6.066 min
Delta R.T.: -0.008 min
Response: 63313015
Conc: 459.73 ng/ml



#6 AR-1016-4

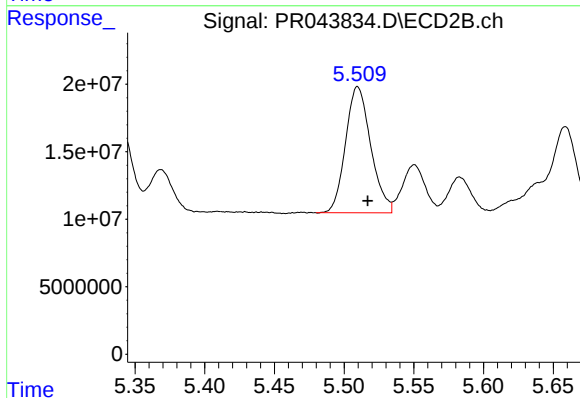
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 89839455
Conc: 373.50 ng/ml



#7 AR-1016-5

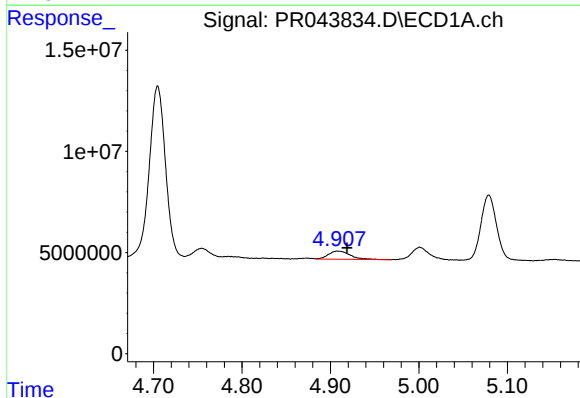
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 57153863
Conc: 413.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



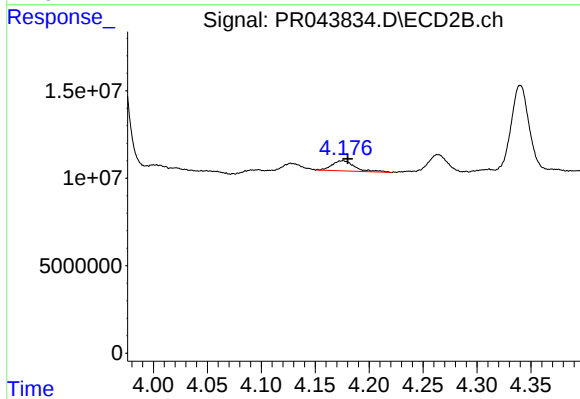
#7 AR-1016-5

R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 117542616
Conc: 370.18 ng/ml



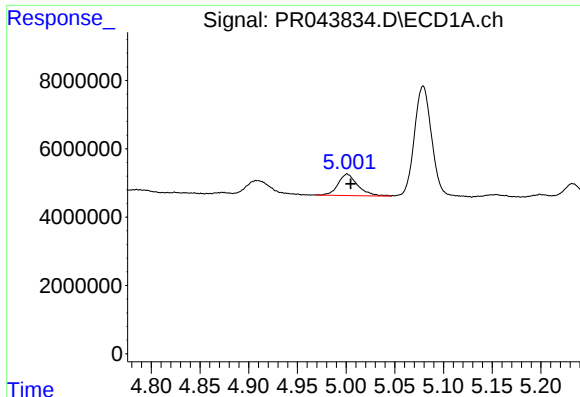
#8 AR-1221-1

R.T.: 4.909 min
Delta R.T.: -0.010 min
Response: 6970555
Conc: 121.51 ng/ml



#8 AR-1221-1

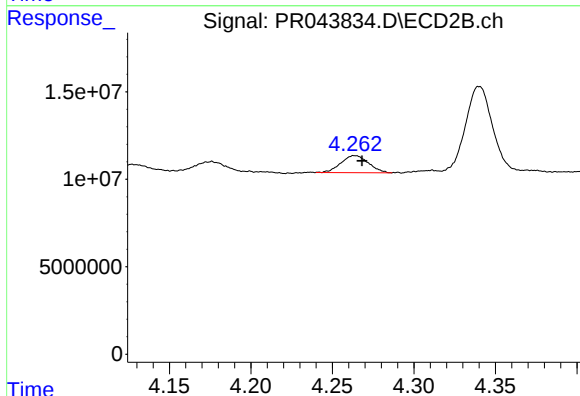
R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 8636046
Conc: 101.29 ng/ml



#9 AR-1221-2

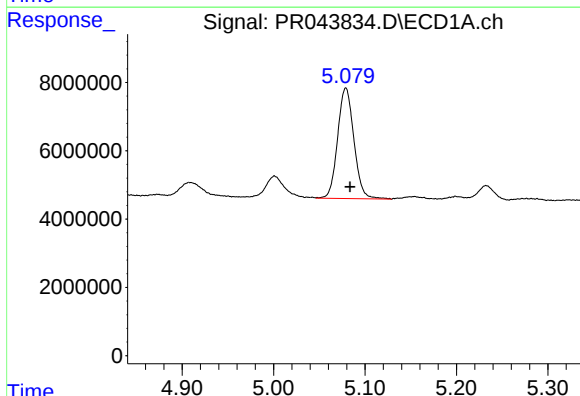
R.T.: 5.001 min
Delta R.T.: -0.004 min
Response: 8877069
Conc: 217.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



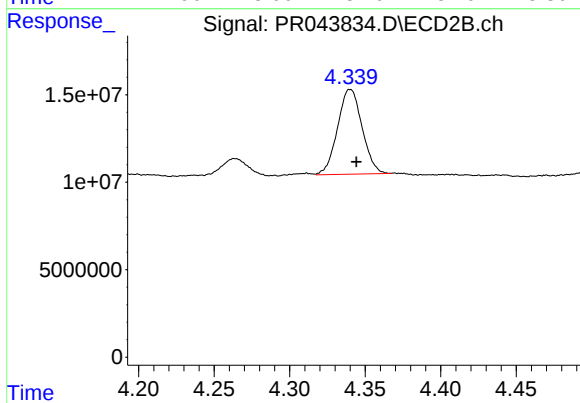
#9 AR-1221-2

R.T.: 4.264 min
Delta R.T.: -0.005 min
Response: 11501464
Conc: 187.88 ng/ml



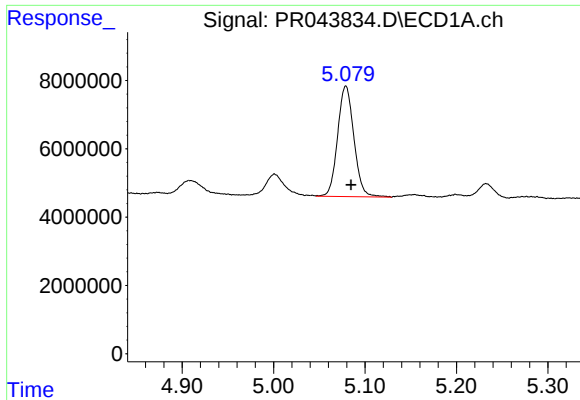
#10 AR-1221-3

R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 40087484
Conc: 291.67 ng/ml



#10 AR-1221-3

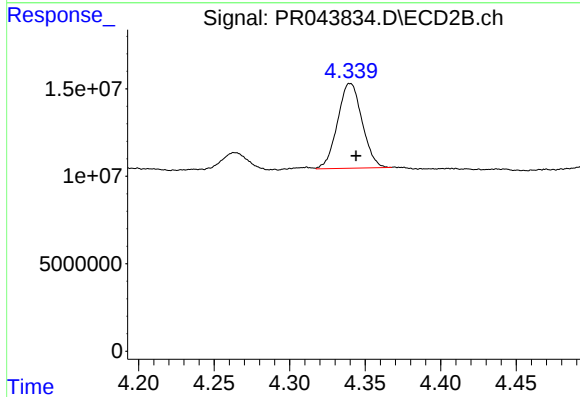
R.T.: 4.340 min
Delta R.T.: -0.004 min
Response: 54758237
Conc: 250.64 ng/ml



#11 AR-1232-1

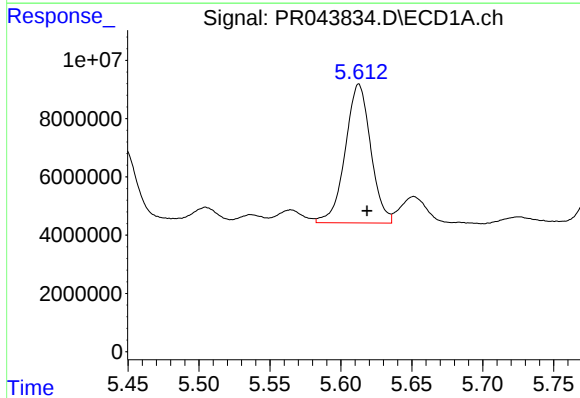
R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 40087484
Conc: 372.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



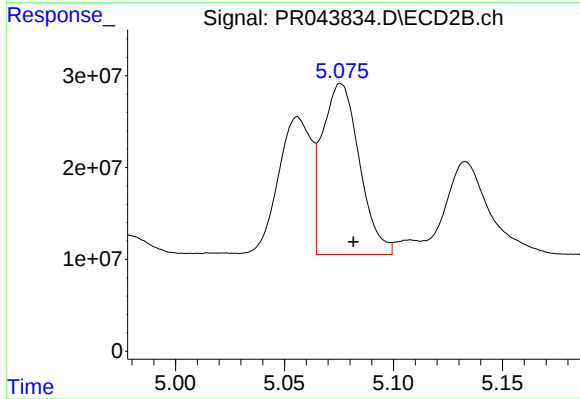
#11 AR-1232-1

R.T.: 4.340 min
Delta R.T.: -0.004 min
Response: 54758237
Conc: 324.61 ng/ml



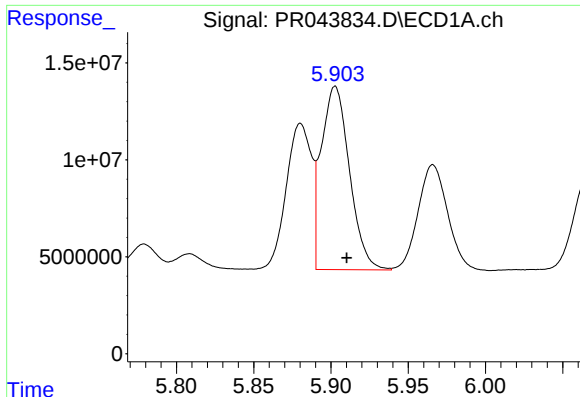
#12 AR-1232-2

R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 59580968
Conc: 1076.52 ng/ml



#12 AR-1232-2

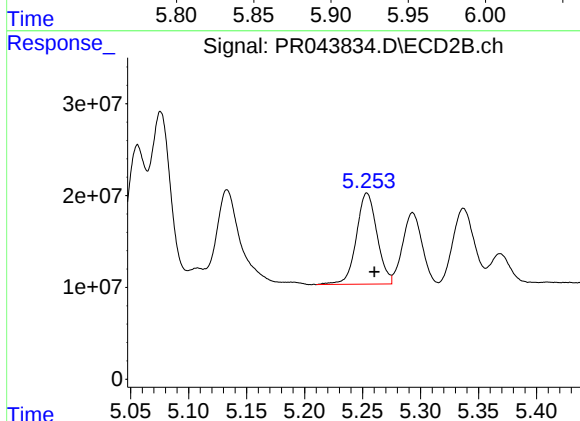
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 219747227
Conc: 941.72 ng/ml



#13 AR-1232-3

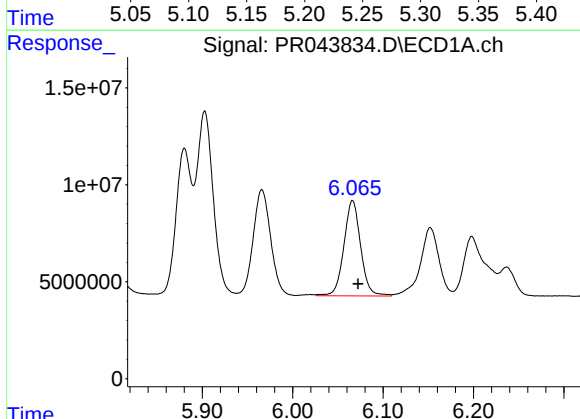
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 120238074
Conc: 1060.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



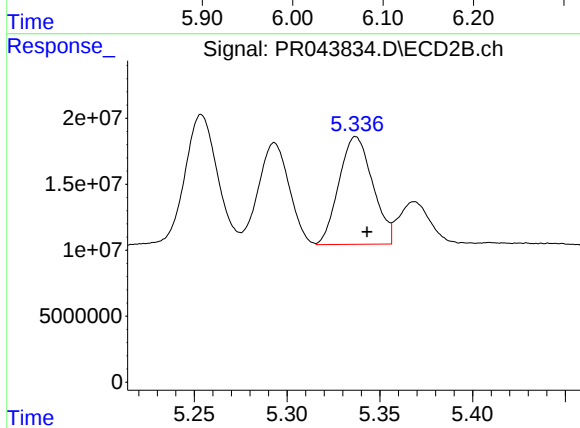
#13 AR-1232-3

R.T.: 5.254 min
Delta R.T.: -0.007 min
Response: 122930405
Conc: 1004.56 ng/ml



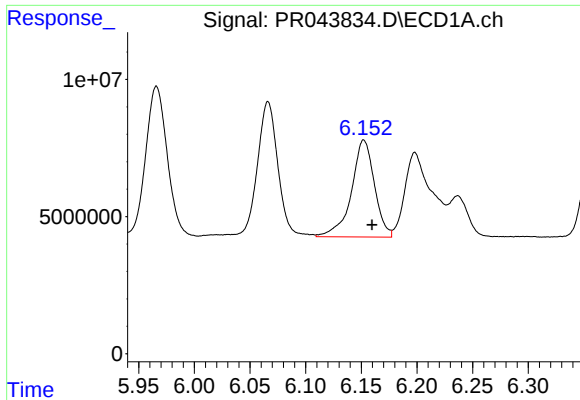
#14 AR-1232-4

R.T.: 6.066 min
Delta R.T.: -0.006 min
Response: 63313015
Conc: 1089.26 ng/ml



#14 AR-1232-4

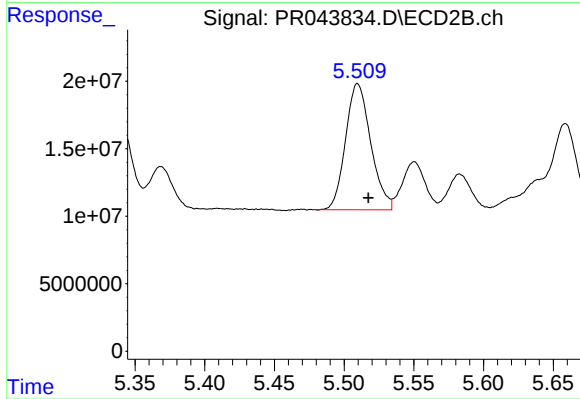
R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 103095852
Conc: 971.22 ng/ml



#15 AR-1232-5

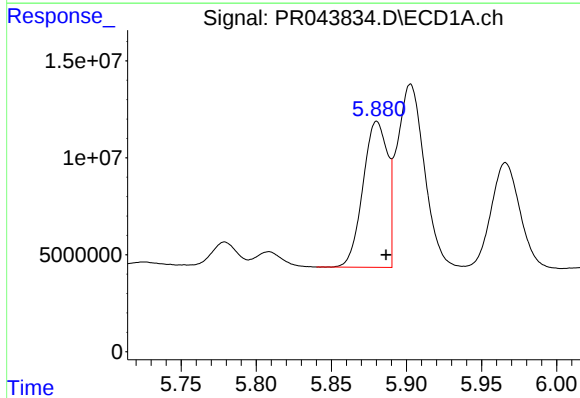
R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 50968994
Conc: 1141.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



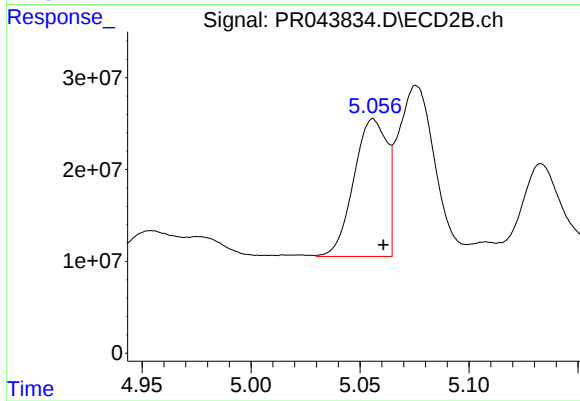
#15 AR-1232-5

R.T.: 5.510 min
Delta R.T.: -0.008 min
Response: 117542616
Conc: 981.66 ng/ml



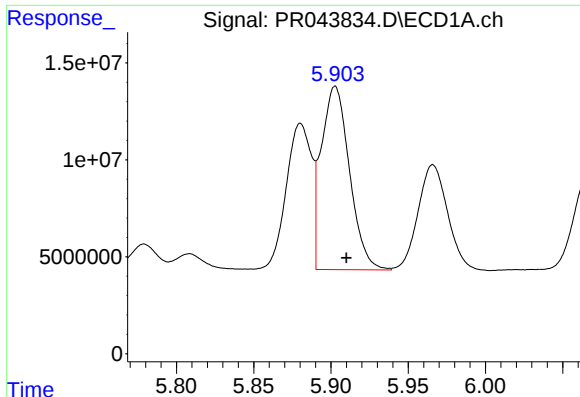
#16 AR-1242-1

R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 85806564
Conc: 527.86 ng/ml



#16 AR-1242-1

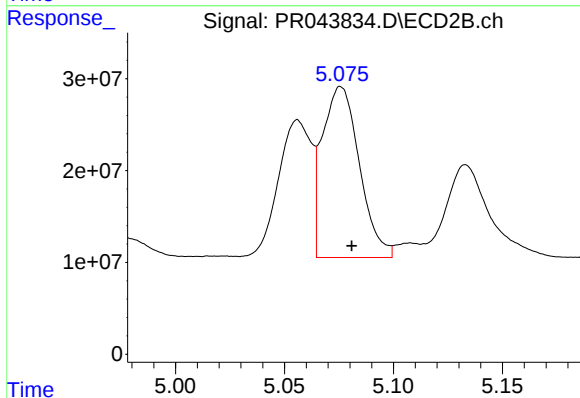
R.T.: 5.056 min
Delta R.T.: -0.005 min
Response: 158750842
Conc: 480.13 ng/ml



#17 AR-1242-2

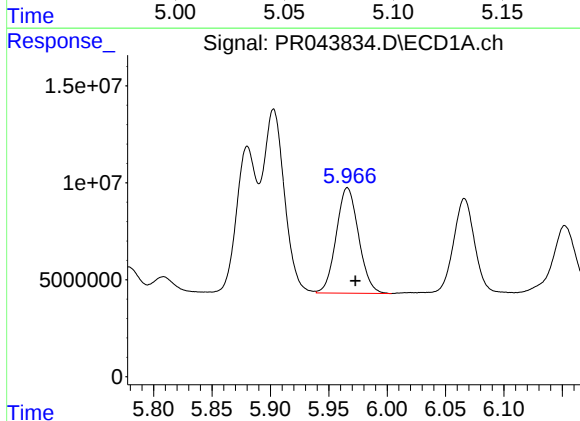
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 120238074
Conc: 527.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



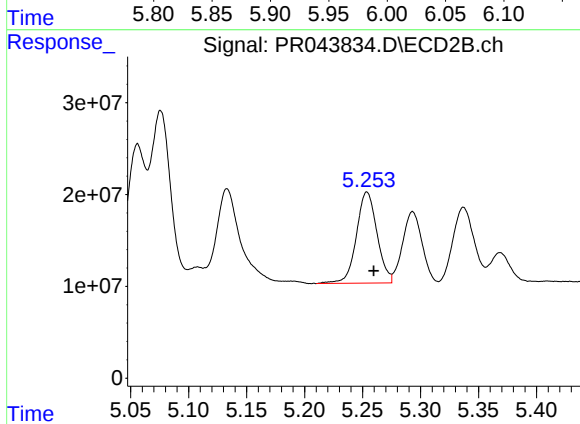
#17 AR-1242-2

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 219747227
Conc: 480.69 ng/ml



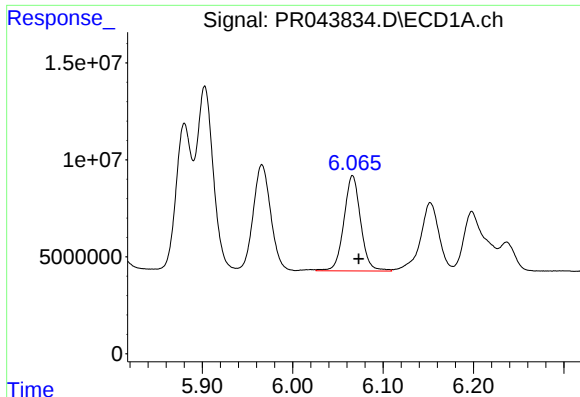
#18 AR-1242-3

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 72628310
Conc: 528.02 ng/ml



#18 AR-1242-3

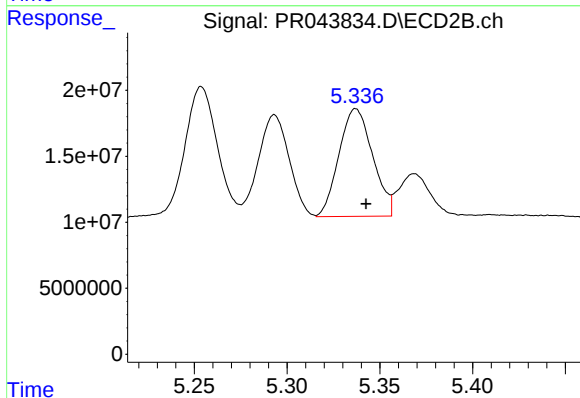
R.T.: 5.254 min
Delta R.T.: -0.006 min
Response: 122930405
Conc: 504.40 ng/ml



#19 AR-1242-4

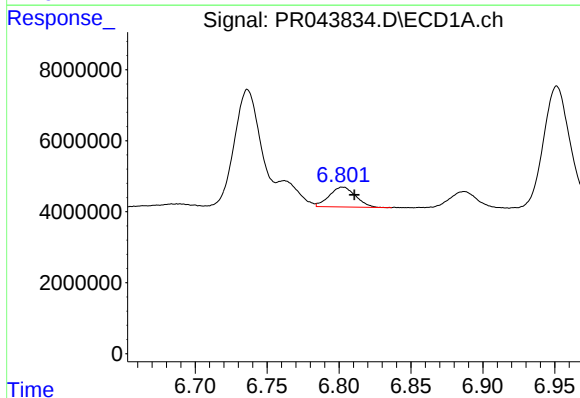
R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 63313015
Conc: 551.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



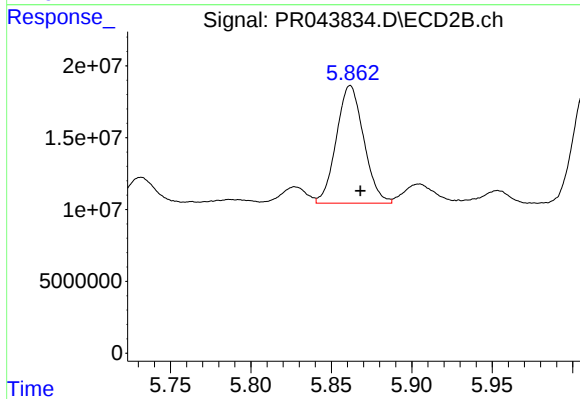
#19 AR-1242-4

R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 103095852
Conc: 437.63 ng/ml



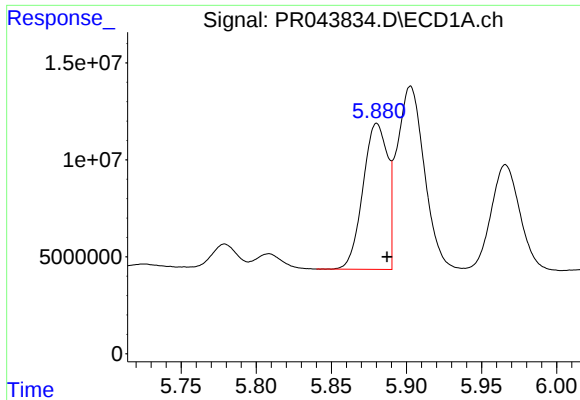
#20 AR-1242-5

R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 7164355
Conc: 56.32 ng/ml



#20 AR-1242-5

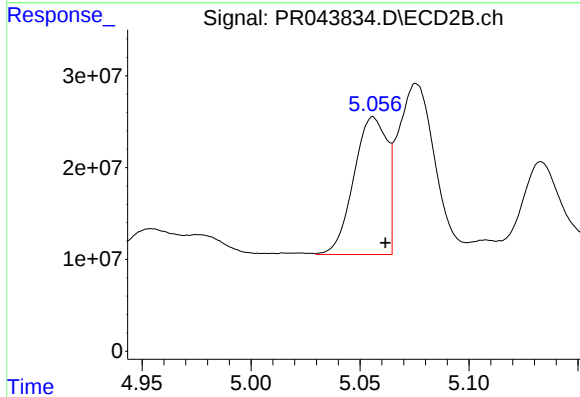
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 96818899
Conc: 284.01 ng/ml



#21 AR-1248-1

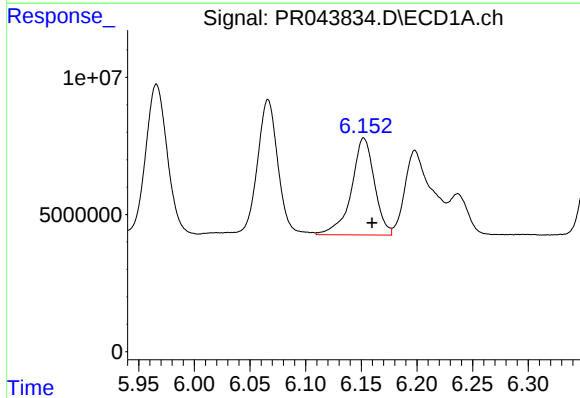
R.T.: 5.880 min
Delta R.T.: -0.007 min
Response: 85806564
Conc: 722.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



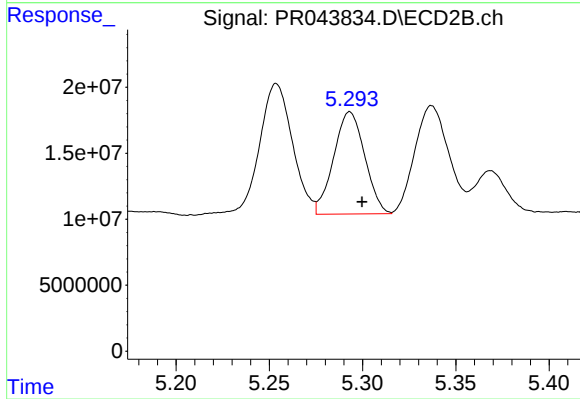
#21 AR-1248-1

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 158750842
Conc: 648.76 ng/ml



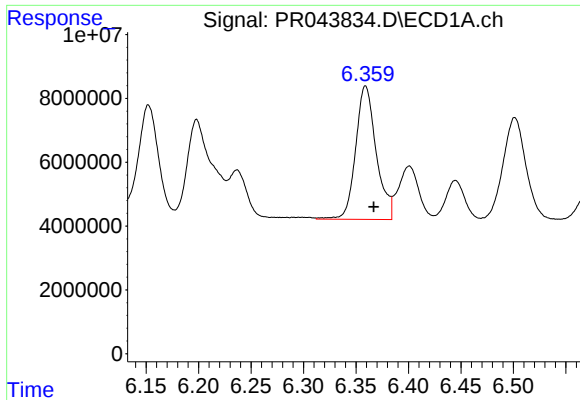
#22 AR-1248-2

R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 50968994
Conc: 312.84 ng/ml



#22 AR-1248-2

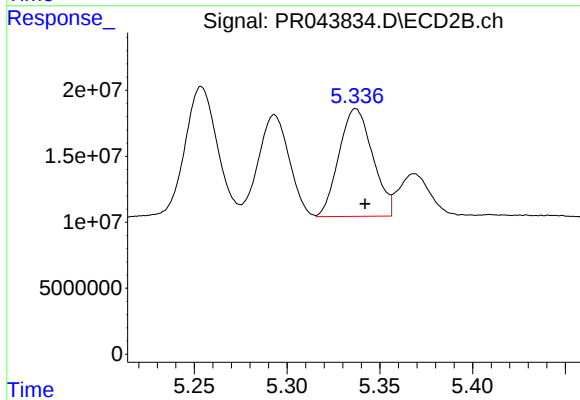
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 89839455
Conc: 277.05 ng/ml



#23 AR-1248-3

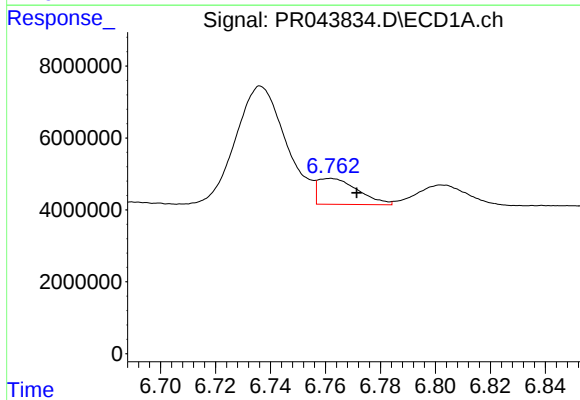
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 57153863
Conc: 314.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



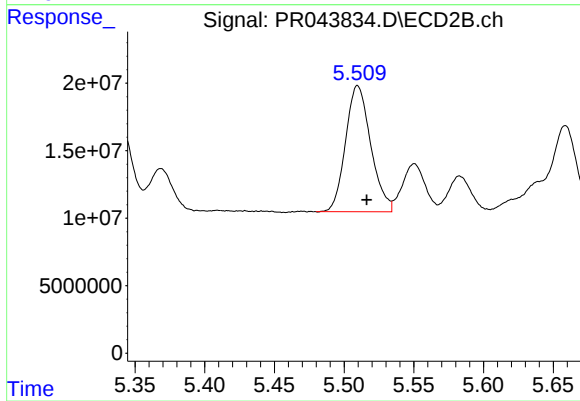
#23 AR-1248-3

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 103095852
Conc: 313.04 ng/ml



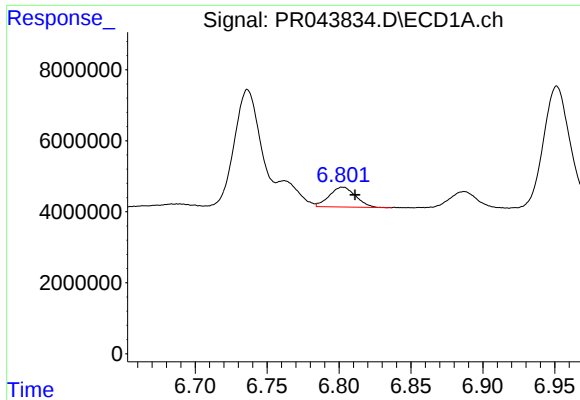
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 7286625
Conc: 34.81 ng/ml



#24 AR-1248-4

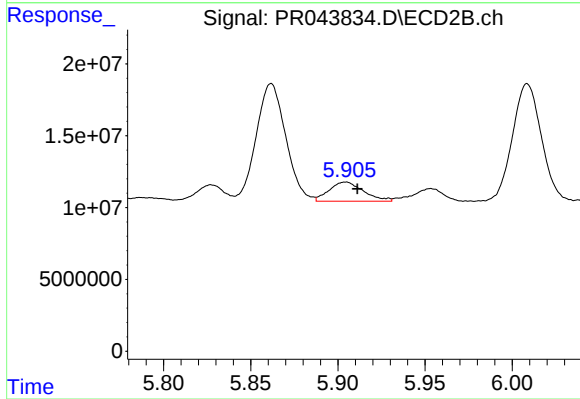
R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 117542616
Conc: 283.51 ng/ml



#25 AR-1248-5

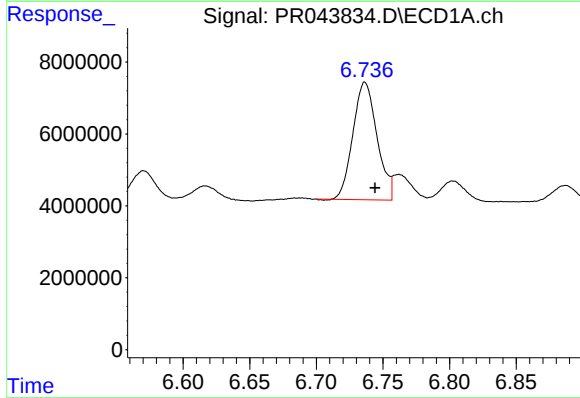
R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 7164355
Conc: 36.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



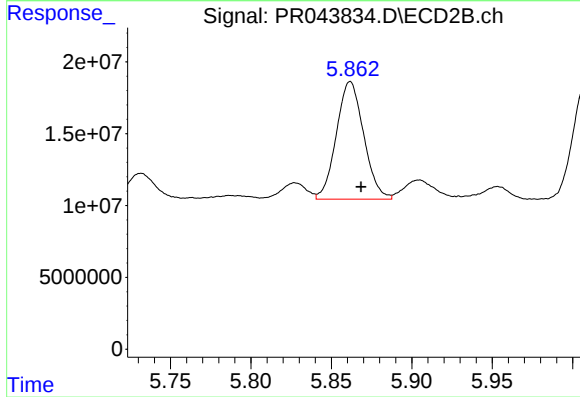
#25 AR-1248-5

R.T.: 5.905 min
Delta R.T.: -0.007 min
Response: 18390390
Conc: 41.38 ng/ml



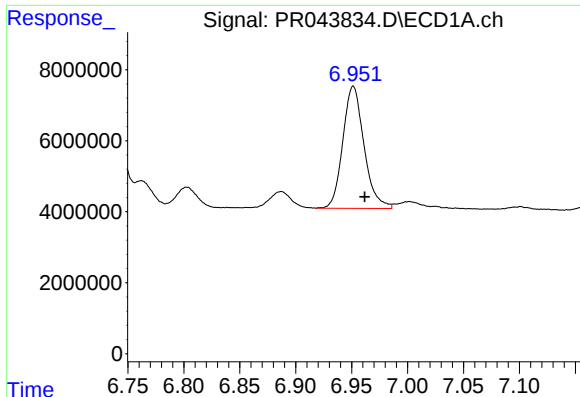
#26 AR-1254-1

R.T.: 6.736 min
Delta R.T.: -0.008 min
Response: 41115275
Conc: 188.11 ng/ml



#26 AR-1254-1

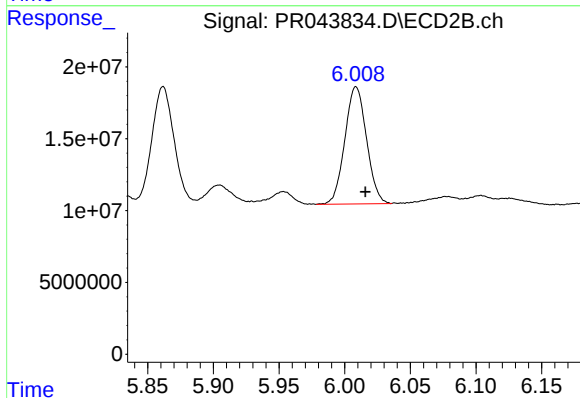
R.T.: 5.862 min
Delta R.T.: -0.007 min
Response: 96818899
Conc: 135.89 ng/ml



#27 AR-1254-2

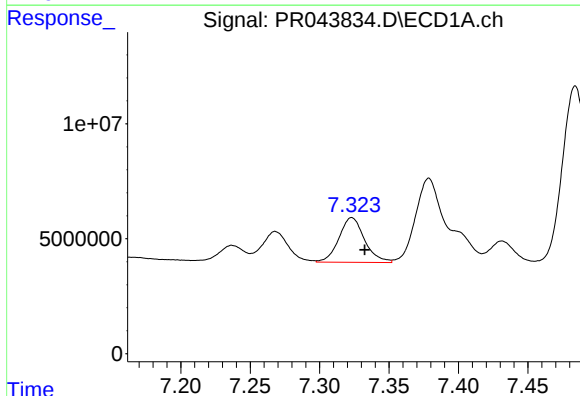
R.T.: 6.951 min
Delta R.T.: -0.010 min
Response: 45447973
Conc: 134.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



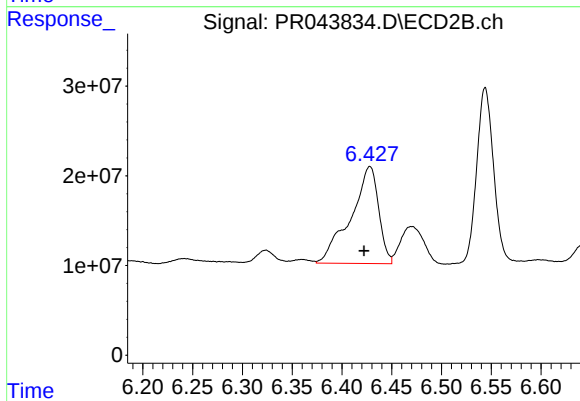
#27 AR-1254-2

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 93763428
Conc: 146.59 ng/ml



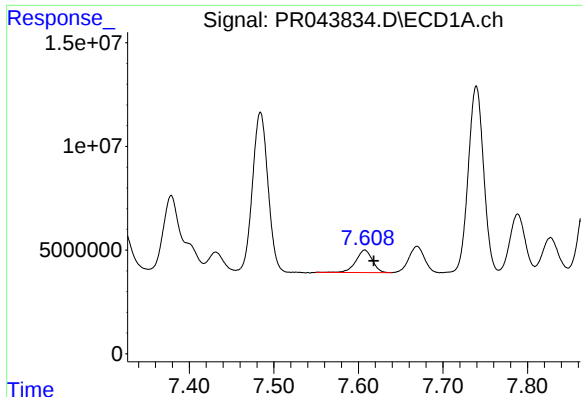
#28 AR-1254-3

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 25023402
Conc: 71.54 ng/ml



#28 AR-1254-3

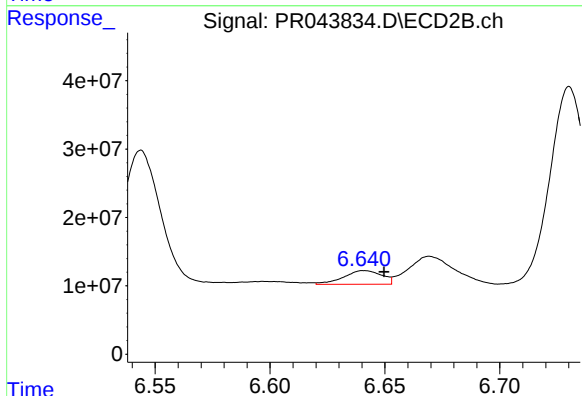
R.T.: 6.428 min
Delta R.T.: 0.006 min
Response: 210850483
Conc: 208.29 ng/ml



#29 AR-1254-4

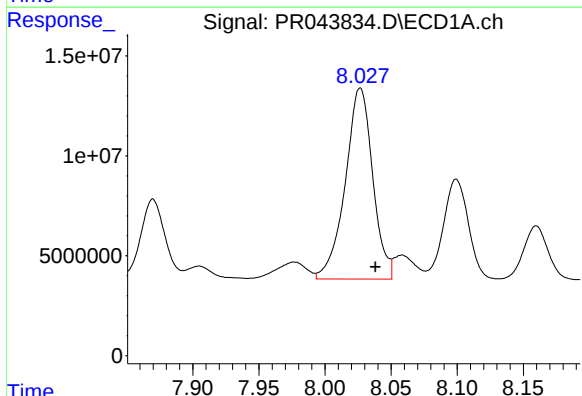
R.T.: 7.608 min
Delta R.T.: -0.011 min
Response: 14779650
Conc: 59.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



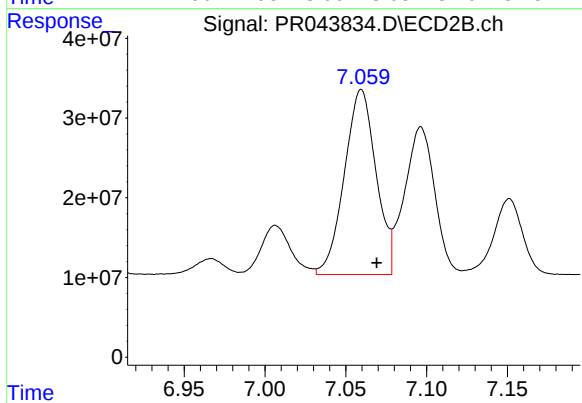
#29 AR-1254-4

R.T.: 6.641 min
Delta R.T.: -0.008 min
Response: 23158031
Conc: 32.16 ng/ml



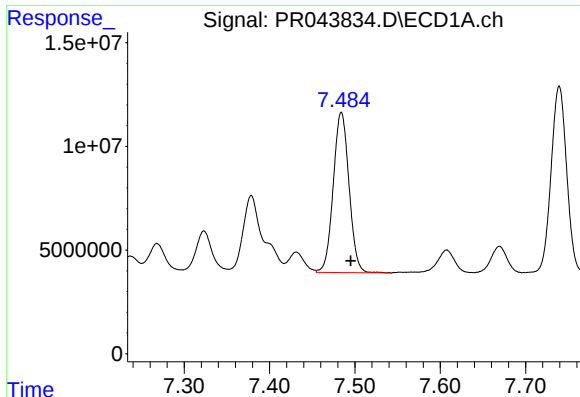
#30 AR-1254-5

R.T.: 8.027 min
Delta R.T.: -0.011 min
Response: 138191525
Conc: 536.26 ng/ml



#30 AR-1254-5

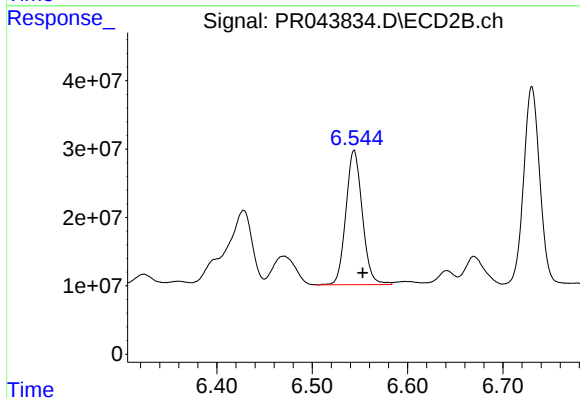
R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 316456397
Conc: 371.48 ng/ml



#31 AR-1260-1

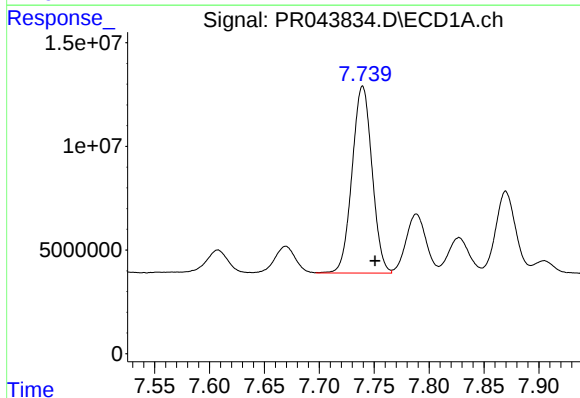
R.T.: 7.484 min
Delta R.T.: -0.011 min
Response: 99279883
Conc: 398.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



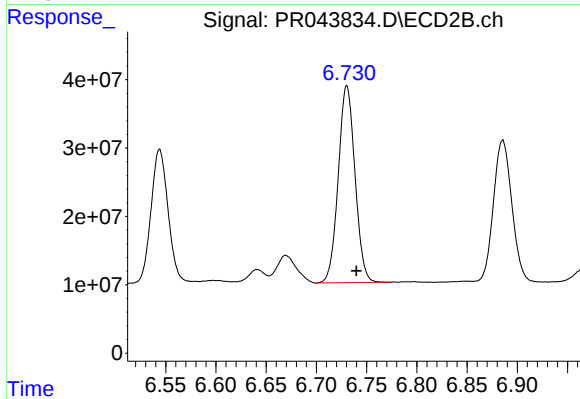
#31 AR-1260-1

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 235286714
Conc: 347.29 ng/ml



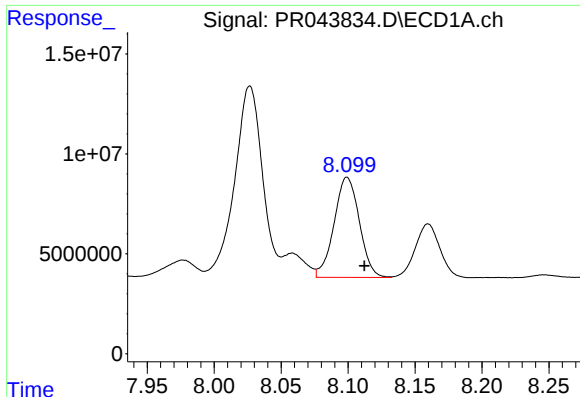
#32 AR-1260-2

R.T.: 7.739 min
Delta R.T.: -0.011 min
Response: 114177575
Conc: 384.31 ng/ml



#32 AR-1260-2

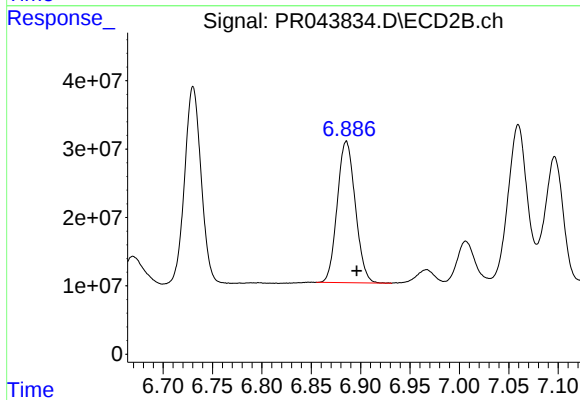
R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 334479821
Conc: 345.23 ng/ml



#33 AR-1260-3

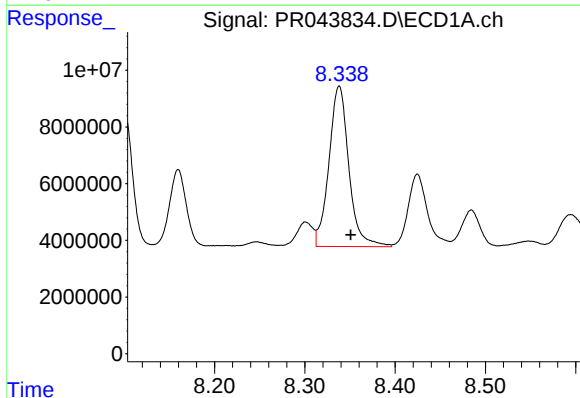
R.T.: 8.099 min
Delta R.T.: -0.013 min
Response: 65829887
Conc: 297.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



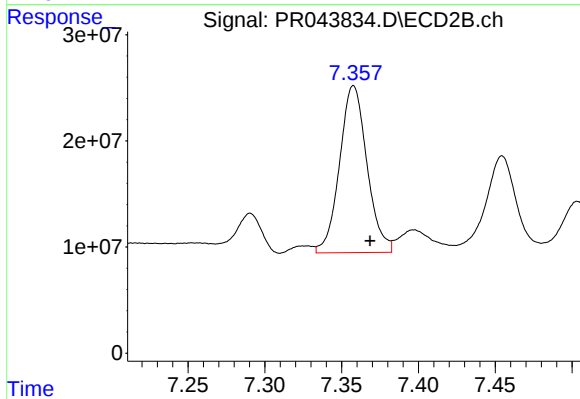
#33 AR-1260-3

R.T.: 6.886 min
Delta R.T.: -0.010 min
Response: 263384487
Conc: 337.27 ng/ml



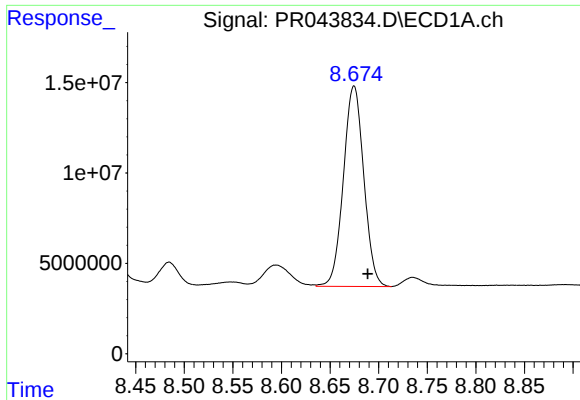
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.013 min
Response: 86838344
Conc: 345.23 ng/ml



#34 AR-1260-4

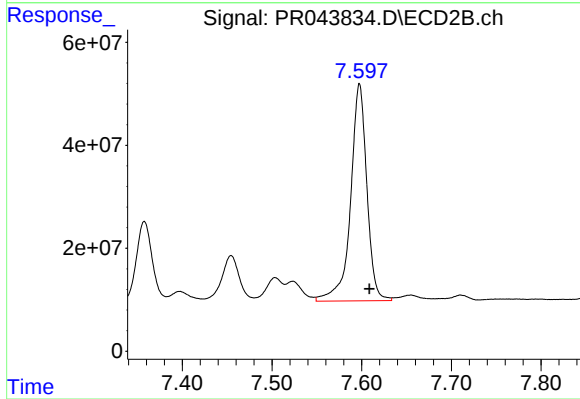
R.T.: 7.358 min
Delta R.T.: -0.011 min
Response: 195427606
Conc: 308.04 ng/ml



#35 AR-1260-5

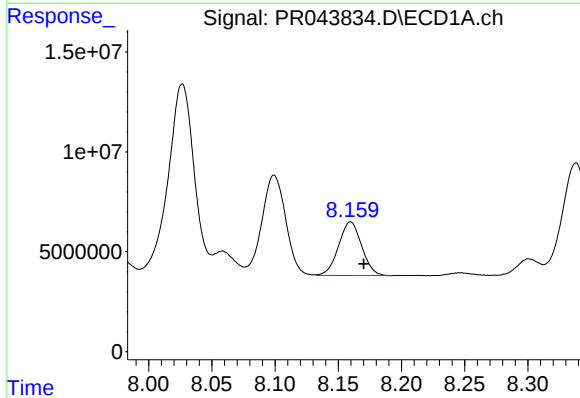
R.T.: 8.675 min
Delta R.T.: -0.014 min
Response: 161963122
Conc: 335.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



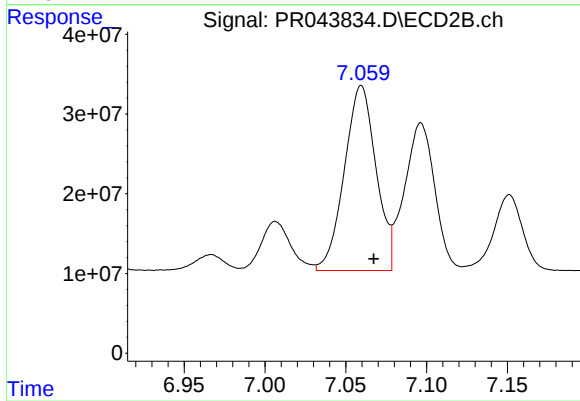
#35 AR-1260-5

R.T.: 7.598 min
Delta R.T.: -0.011 min
Response: 531944409
Conc: 312.52 ng/ml



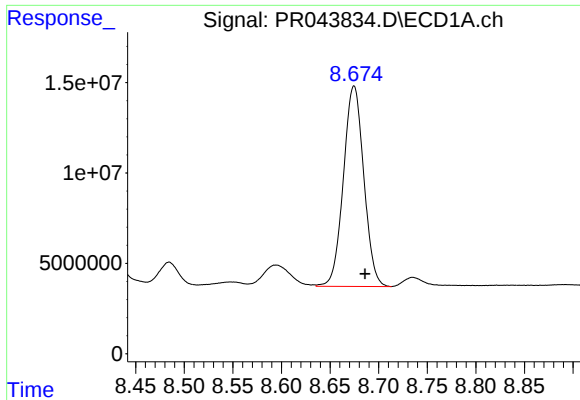
#36 AR-1262-1

R.T.: 8.160 min
Delta R.T.: -0.010 min
Response: 34215212
Conc: 257.01 ng/ml



#36 AR-1262-1

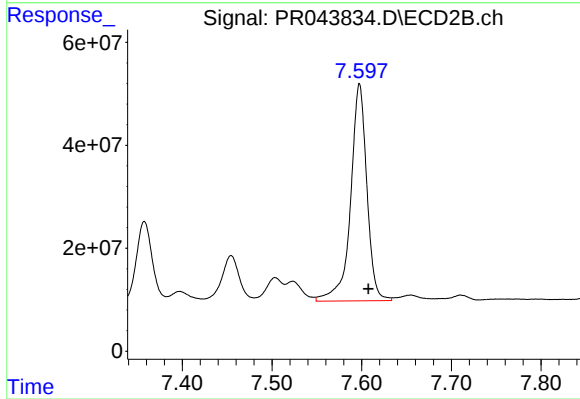
R.T.: 7.060 min
Delta R.T.: -0.008 min
Response: 316456397
Conc: 639.97 ng/ml



#37 AR-1262-2

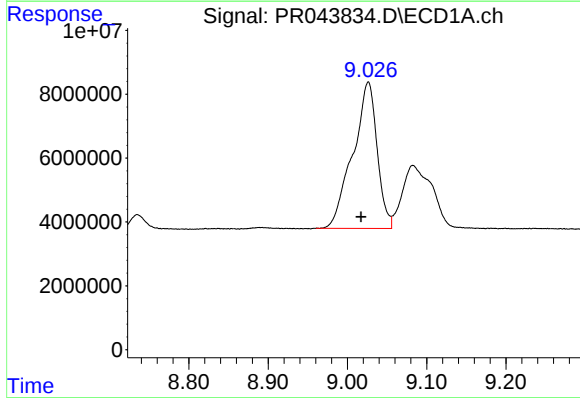
R.T.: 8.675 min
Delta R.T.: -0.011 min
Response: 161963122
Conc: 284.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



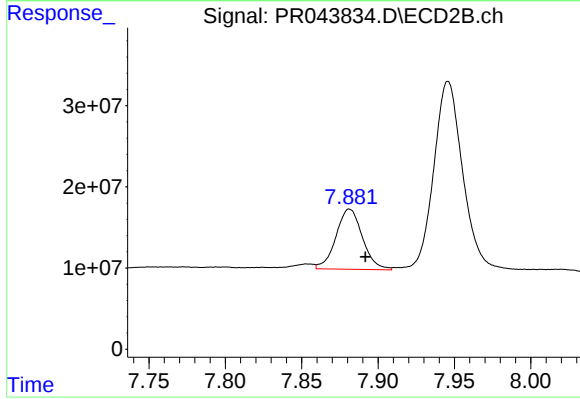
#37 AR-1262-2

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 531944409
Conc: 279.59 ng/ml



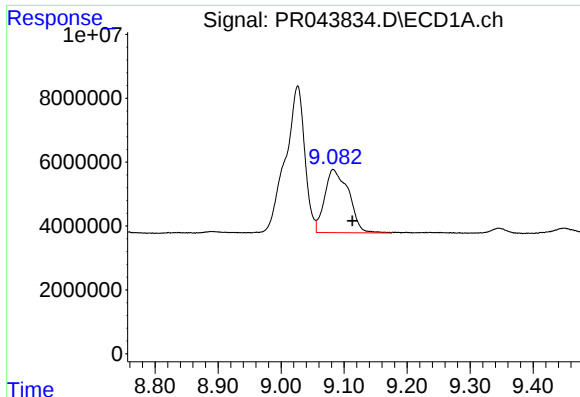
#38 AR-1262-3

R.T.: 9.026 min
Delta R.T.: 0.009 min
Response: 97483477
Conc: 269.26 ng/ml



#38 AR-1262-3

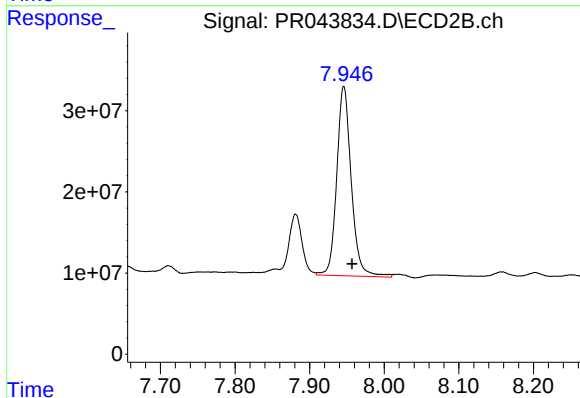
R.T.: 7.881 min
Delta R.T.: -0.010 min
Response: 89692156
Conc: 117.58 ng/ml



#39 AR-1262-4

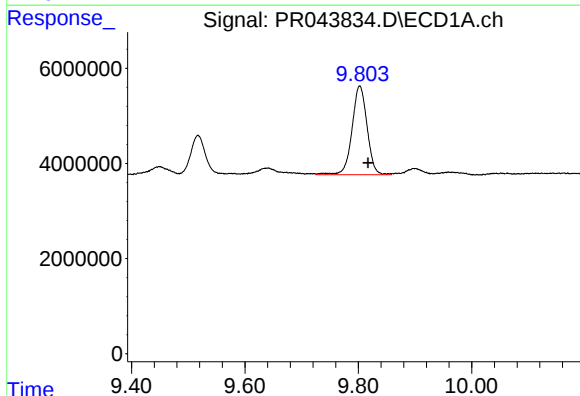
R.T.: 9.083 min
Delta R.T.: -0.031 min
Response: 52437949
Conc: 197.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



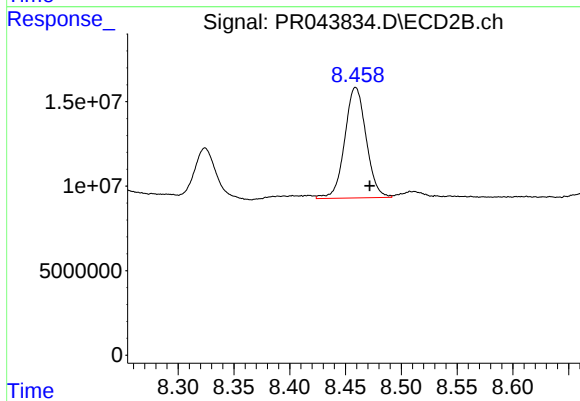
#39 AR-1262-4

R.T.: 7.946 min
Delta R.T.: -0.011 min
Response: 315670499
Conc: 254.30 ng/ml



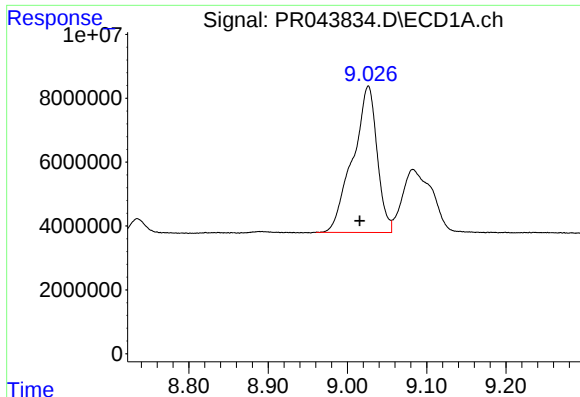
#40 AR-1262-5

R.T.: 9.802 min
Delta R.T.: -0.015 min
Response: 34495294
Conc: 183.19 ng/ml



#40 AR-1262-5

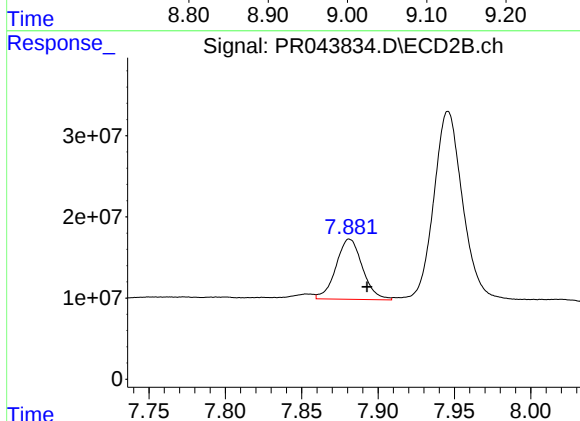
R.T.: 8.459 min
Delta R.T.: -0.013 min
Response: 87654778
Conc: 153.79 ng/ml



#41 AR-1268-1

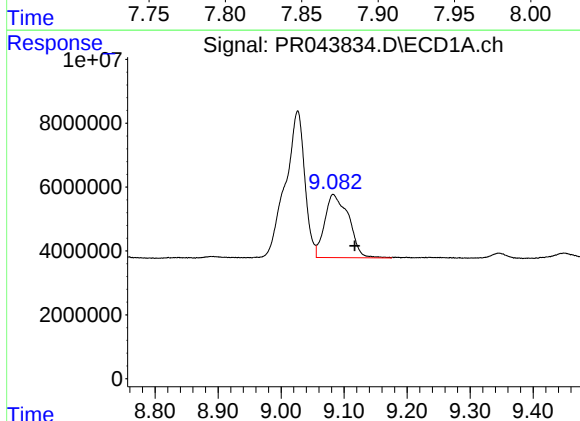
R.T.: 9.026 min
Delta R.T.: 0.011 min
Response: 97483477
Conc: 152.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



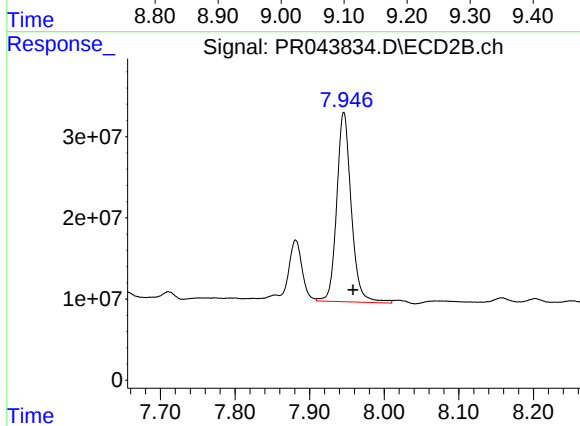
#41 AR-1268-1

R.T.: 7.881 min
Delta R.T.: -0.011 min
Response: 89692156
Conc: 41.79 ng/ml



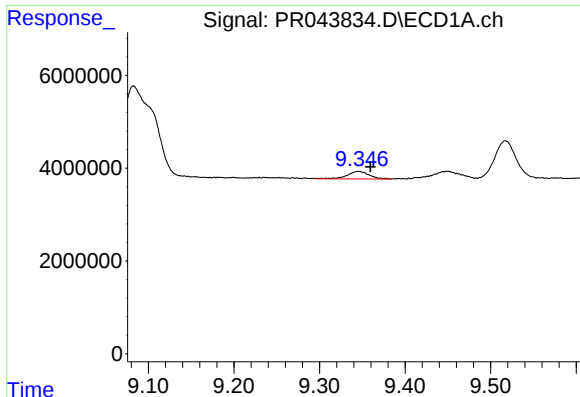
#42 AR-1268-2

R.T.: 9.083 min
Delta R.T.: -0.034 min
Response: 52437949
Conc: 91.01 ng/ml



#42 AR-1268-2

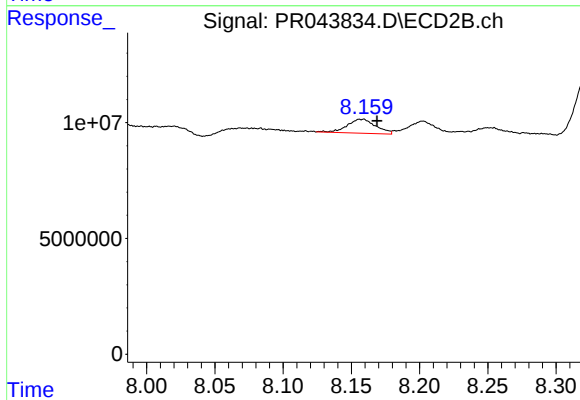
R.T.: 7.946 min
Delta R.T.: -0.013 min
Response: 315670499
Conc: 173.98 ng/ml



#43 AR-1268-3

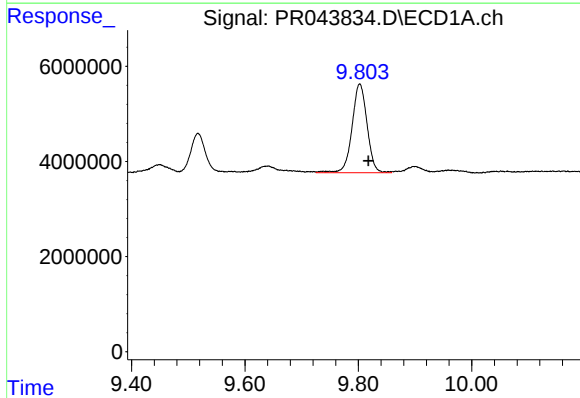
R.T.: 9.346 min
Delta R.T.: -0.014 min
Response: 2942367
Conc: 6.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



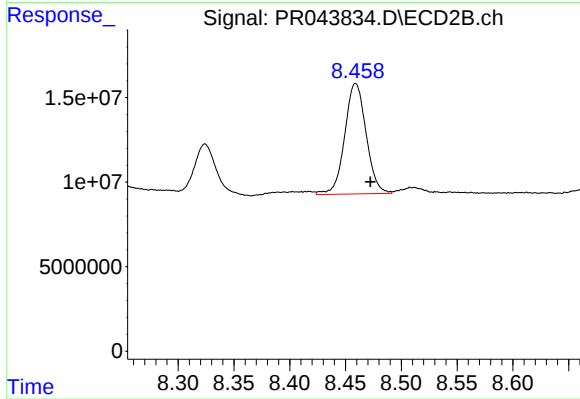
#43 AR-1268-3

R.T.: 8.158 min
Delta R.T.: -0.011 min
Response: 8878937
Conc: 5.77 ng/ml



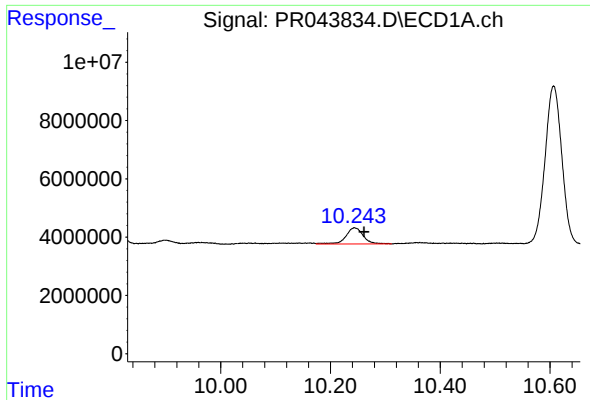
#44 AR-1268-4

R.T.: 9.802 min
Delta R.T.: -0.015 min
Response: 34495294
Conc: 168.83 ng/ml



#44 AR-1268-4

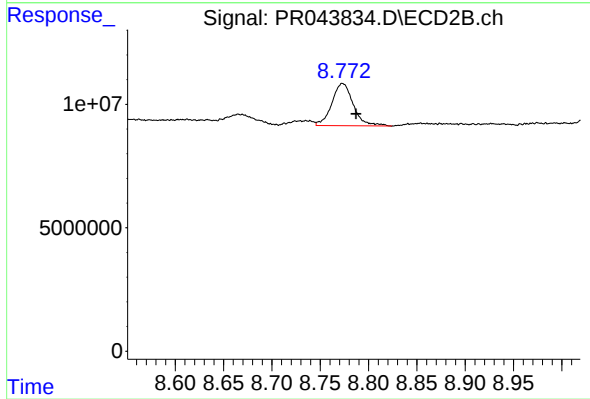
R.T.: 8.459 min
Delta R.T.: -0.013 min
Response: 87654778
Conc: 142.94 ng/ml



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: -0.018 min
Response: 12100736
Conc: 7.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQW5MS



#45 AR-1268-5

R.T.: 8.773 min
Delta R.T.: -0.014 min
Response: 26461452
Conc: 6.25 ng/ml