

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
 Data File : PQ040001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2019 12:21
 Operator : SM\AJ
 Sample : K2853-05MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A51B0MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 04:15:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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...	5.607	4.729	163.5E6	111.7E6	24.246	23.255
2)	SA Decachlor...	11.939	10.462	176.9E6	113.9E6	28.322	29.493
Target Compounds							
3)	L1 AR-1016-1	7.084	6.181	124.1E6	63744401	384.402	250.974 #
4)	L1 AR-1016-2	7.084	6.203	124.1E6	90156636	261.982	247.965
5)	L1 AR-1016-3	7.155	6.417	75208762	48646396	265.364	265.285
6)	L1 AR-1016-4	7.269	6.471	58812111	38219635	253.050	295.105
7)	L1 AR-1016-5	7.602	6.723	57754243	47119775	258.298	250.542
8)	L2 AR-1221-1	5.885	5.034	8374461	6384426	119.747	126.015
9)	L2 AR-1221-2	6.001	5.153	11881493	8172692	246.457	239.462
10)	L2 AR-1221-3	6.098	5.256	49484915	34979823	300.850	287.978
11)	L3 AR-1232-1	6.098	5.256	49484915	34979823	396.341	376.866
12)	L3 AR-1232-2	6.742	6.203	67201497	90156636	1111.257	973.479
13)	L3 AR-1232-3	7.084	6.417	124.1E6	48646396	995.844	984.643
14)	L3 AR-1232-4	7.269	6.519	58812111	46936393	954.282	1140.056
15)	L3 AR-1232-5	7.373	6.723	48581060	47119775	1219.848	1048.060
16)	L4 AR-1242-1	7.084	6.181	124.1E6	63744401	790.165	516.321 #
17)	L4 AR-1242-2	7.084	6.203	124.1E6	90156636	536.896	512.418
18)	L4 AR-1242-3	7.155	6.417	75208762	48646396	542.826	535.688
19)	L4 AR-1242-4	7.269	6.519	58812111	46936393	516.429	554.602
20)	L4 AR-1242-5	8.091	7.131	6917652	36761206	57.245	342.870 #
21)	L5 AR-1248-1	7.084	6.181	124.1E6	63744401	955.653	630.827 #
22)	L5 AR-1248-2	7.373	6.471	48581060	38219635	295.894	301.830
23)	L5 AR-1248-3	7.602	6.519	57754243	46936393	297.557	353.880
24)	L5 AR-1248-4	8.049	6.723	7650754	47119775	35.449	287.609 #
25)	L5 AR-1248-5	8.091	7.180	6917652	5055291	33.186	31.198
26)	L6 AR-1254-1	8.018	7.131	42692655	36761206	184.941	138.801
27)	L6 AR-1254-2	8.254	7.300	44755262	33718017	124.189	147.702
28)	L6 AR-1254-3	8.650	7.761	20799805	58489174	54.788	158.296 #
29)	L6 AR-1254-4	8.951	7.997	12963880	4974718	47.498	21.675 #
30)	L6 AR-1254-5	9.422	8.440	16071600	104.6E6	53.479	335.967 #
31)	L7 AR-1260-1	8.821	7.887	96177146	84557029	215.549	229.537
32)	L7 AR-1260-2	9.091	8.091	108.9E6	99094541	202.607	217.831
33)	L7 AR-1260-3	9.465	8.255	73479683	90626943	183.147	215.751
34)	L7 AR-1260-4	9.705	8.751	81758773	62479089	177.764	188.770
35)	L7 AR-1260-5	10.046	9.004	153.2E6	144.5E6	158.923	176.167
36)	L8 AR-1262-1	9.525	8.535	39359598	35673592	256.521	266.893
37)	L8 AR-1262-2	10.046	9.004	153.2E6	144.5E6	226.598	241.226
38)	L8 AR-1262-3	10.395	9.294	93982503	26841999	204.629	116.444 #
39)	L8 AR-1262-4	10.452	9.362	60803611	97599865	165.215	229.562 #
40)	L8 AR-1262-5	11.162	9.884	27419826	27213538	114.059	151.934 #
41)	L9 AR-1268-1	10.395	9.294	93982503	26841999	77.608	25.944 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
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 Acq On : 19 May 2019 12:21
 Operator : SM\AJ
 Sample : K2853-05MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

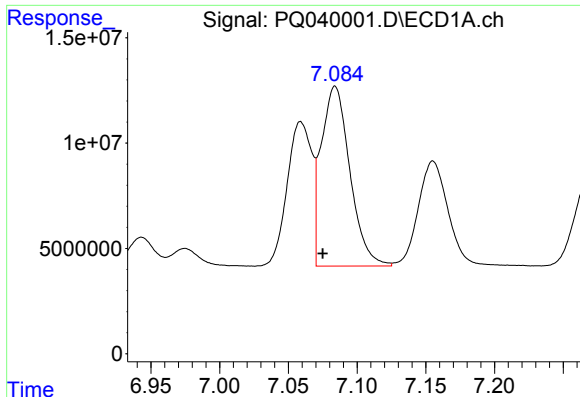
Instrument :
 ECD_Q
 ClientSampleId :
 A51B0MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 04:15:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 2019
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 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	10.452	9.362	60803611	97599865	52.828	101.994 #
43) L9	AR-1268-3	10.705	9.570	3432577	2515295	3.383	3.128
44) L9	AR-1268-4	11.162	9.884	27419826	27213538	72.553	90.725 #
45) L9	AR-1268-5	11.593	10.194	15808628	9042412	4.771	3.678

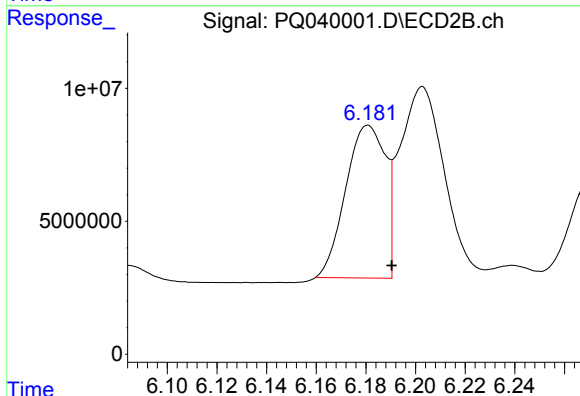
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

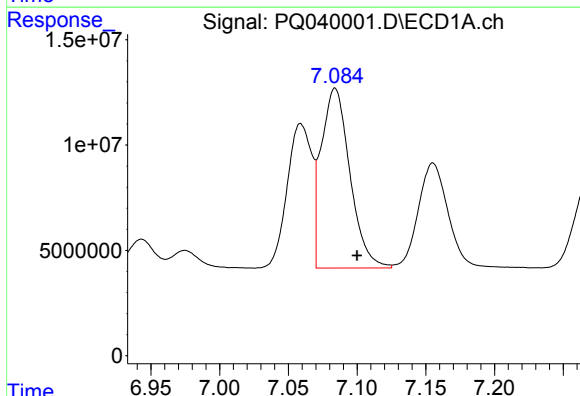
R.T.: 7.084 min
Delta R.T.: 0.009 min
Response: 124105306
Conc: 384.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



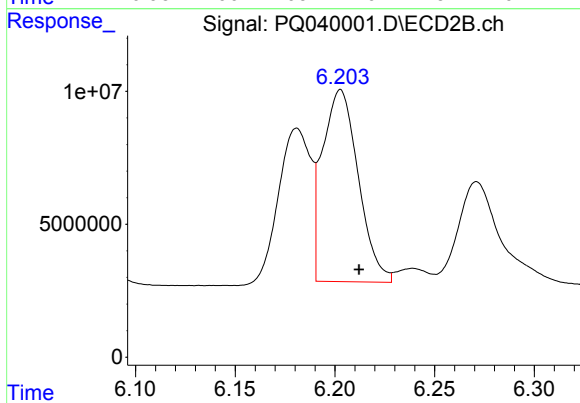
#3 AR-1016-1

R.T.: 6.181 min
Delta R.T.: -0.009 min
Response: 63744401
Conc: 250.97 ng/ml



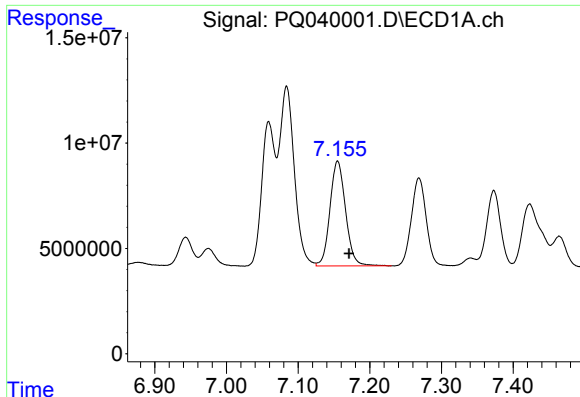
#4 AR-1016-2

R.T.: 7.084 min
Delta R.T.: -0.016 min
Response: 124105306
Conc: 261.98 ng/ml



#4 AR-1016-2

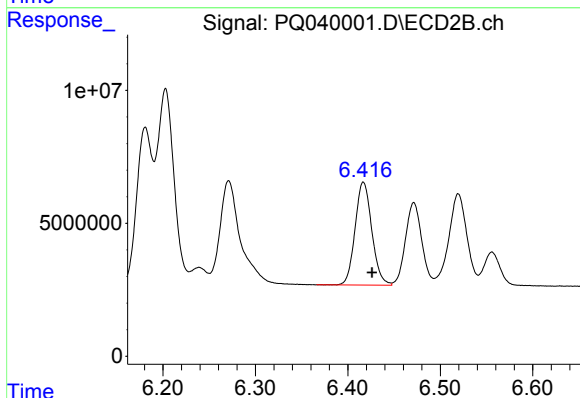
R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 90156636
Conc: 247.96 ng/ml



#5 AR-1016-3

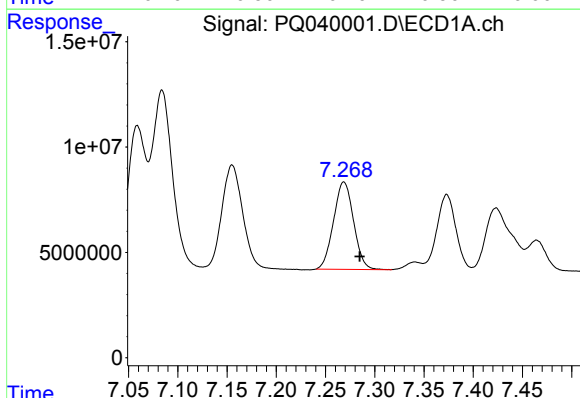
R.T.: 7.155 min
Delta R.T.: -0.016 min
Response: 75208762
Conc: 265.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



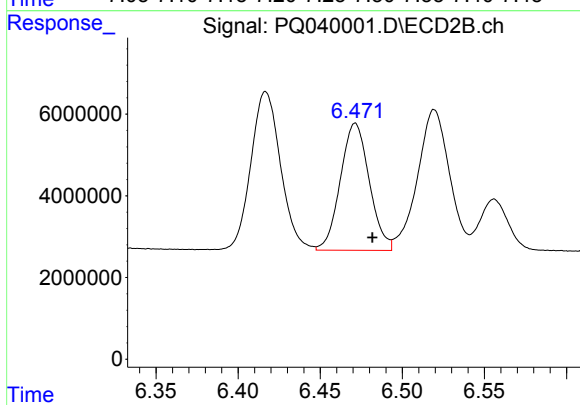
#5 AR-1016-3

R.T.: 6.417 min
Delta R.T.: -0.009 min
Response: 48646396
Conc: 265.29 ng/ml



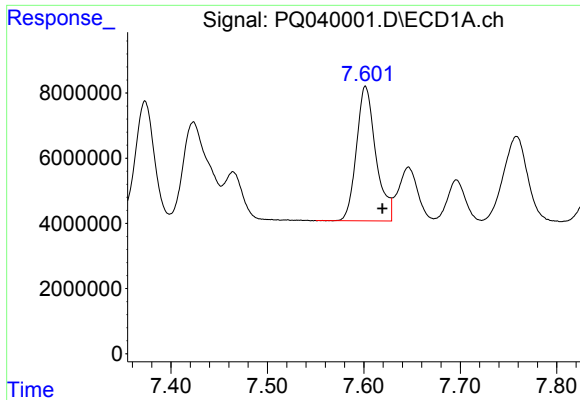
#6 AR-1016-4

R.T.: 7.269 min
Delta R.T.: -0.016 min
Response: 58812111
Conc: 253.05 ng/ml



#6 AR-1016-4

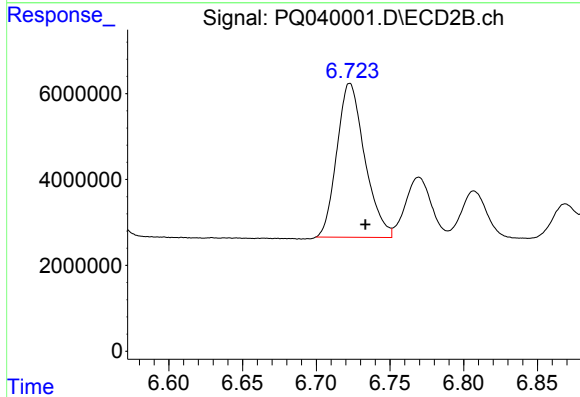
R.T.: 6.471 min
Delta R.T.: -0.010 min
Response: 38219635
Conc: 295.11 ng/ml



#7 AR-1016-5

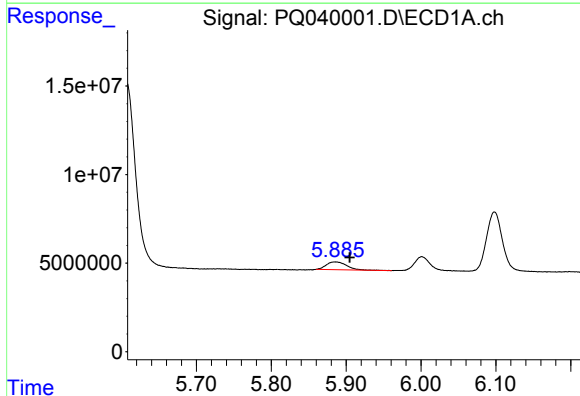
R.T.: 7.602 min
Delta R.T.: -0.018 min
Response: 57754243
Conc: 258.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



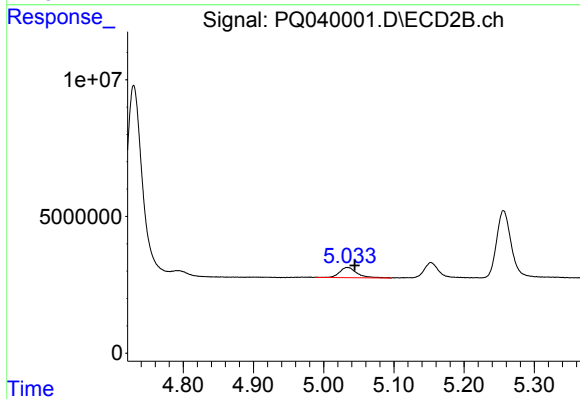
#7 AR-1016-5

R.T.: 6.723 min
Delta R.T.: -0.010 min
Response: 47119775
Conc: 250.54 ng/ml



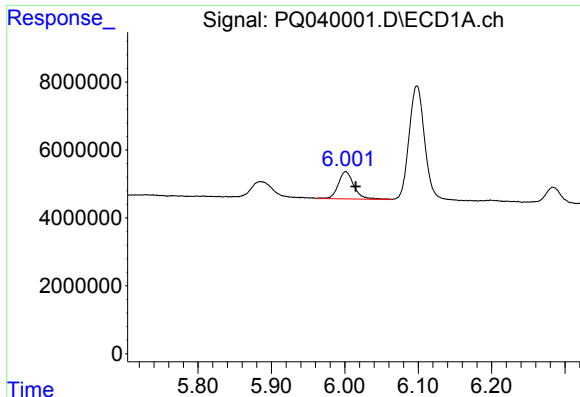
#8 AR-1221-1

R.T.: 5.885 min
Delta R.T.: -0.020 min
Response: 8374461
Conc: 119.75 ng/ml



#8 AR-1221-1

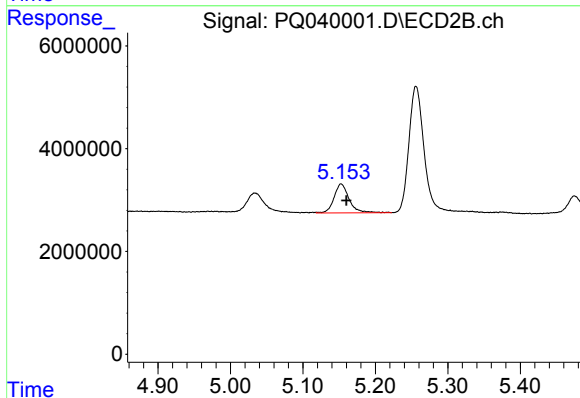
R.T.: 5.034 min
Delta R.T.: -0.010 min
Response: 6384426
Conc: 126.02 ng/ml



#9 AR-1221-2

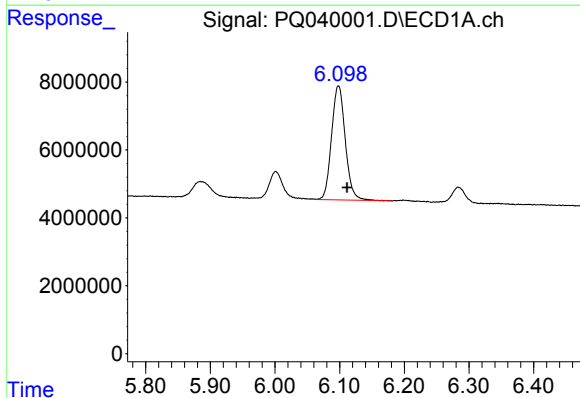
R.T.: 6.001 min
Delta R.T.: -0.014 min
Response: 11881493
Conc: 246.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



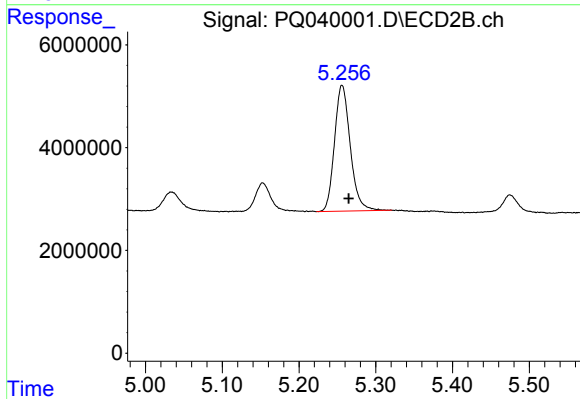
#9 AR-1221-2

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 8172692
Conc: 239.46 ng/ml



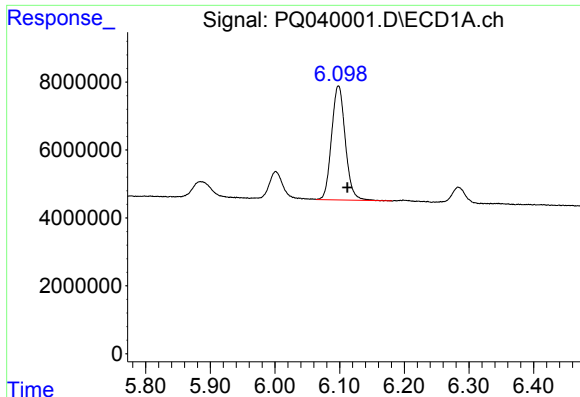
#10 AR-1221-3

R.T.: 6.098 min
Delta R.T.: -0.013 min
Response: 49484915
Conc: 300.85 ng/ml



#10 AR-1221-3

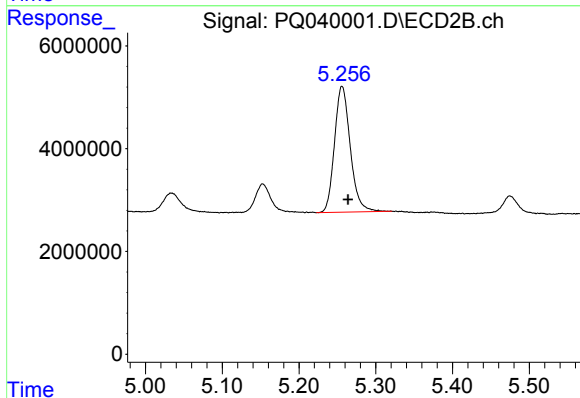
R.T.: 5.256 min
Delta R.T.: -0.009 min
Response: 34979823
Conc: 287.98 ng/ml



#11 AR-1232-1

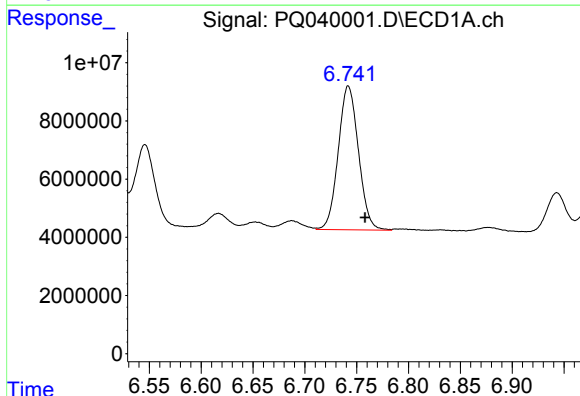
R.T.: 6.098 min
Delta R.T.: -0.014 min
Response: 49484915
Conc: 396.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



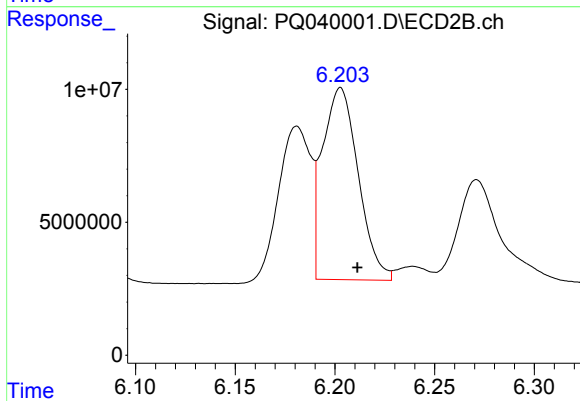
#11 AR-1232-1

R.T.: 5.256 min
Delta R.T.: -0.008 min
Response: 34979823
Conc: 376.87 ng/ml



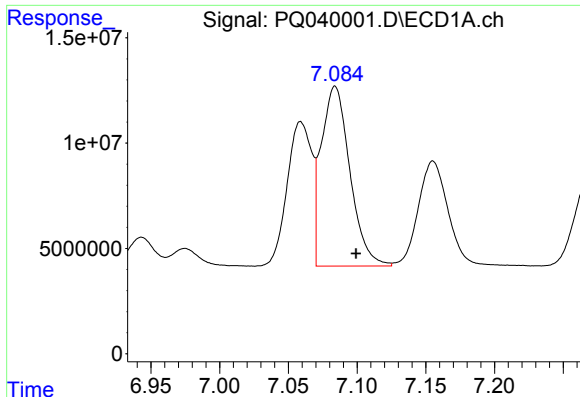
#12 AR-1232-2

R.T.: 6.742 min
Delta R.T.: -0.016 min
Response: 67201497
Conc: 1111.26 ng/ml



#12 AR-1232-2

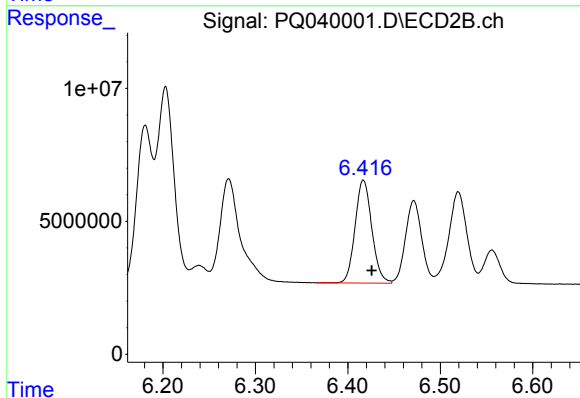
R.T.: 6.203 min
Delta R.T.: -0.008 min
Response: 90156636
Conc: 973.48 ng/ml



#13 AR-1232-3

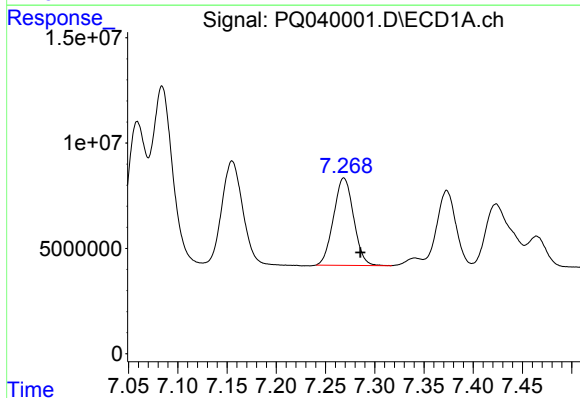
R.T.: 7.084 min
Delta R.T.: -0.015 min
Response: 124105306
Conc: 995.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



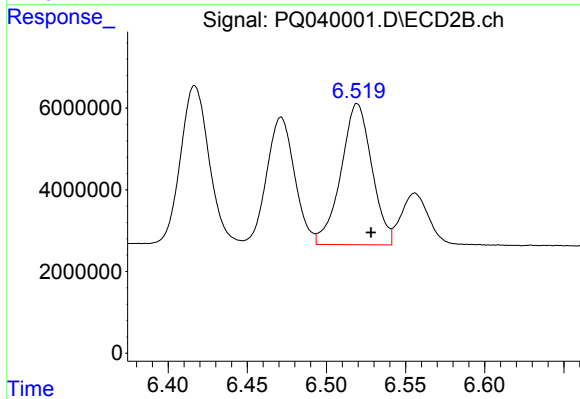
#13 AR-1232-3

R.T.: 6.417 min
Delta R.T.: -0.009 min
Response: 48646396
Conc: 984.64 ng/ml



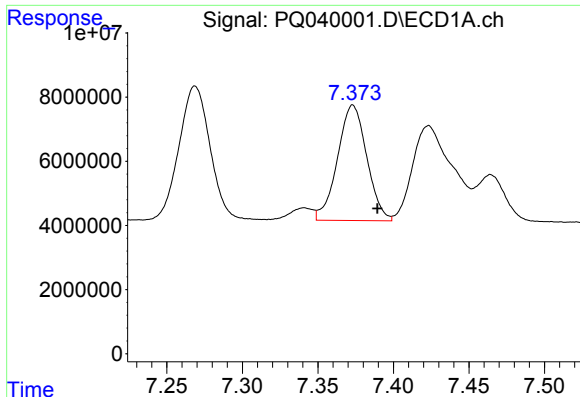
#14 AR-1232-4

R.T.: 7.269 min
Delta R.T.: -0.017 min
Response: 58812111
Conc: 954.28 ng/ml



#14 AR-1232-4

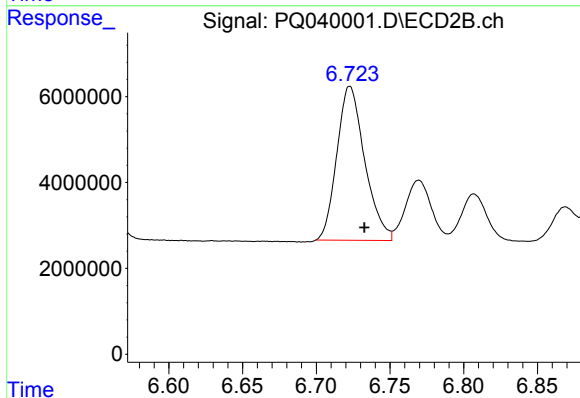
R.T.: 6.519 min
Delta R.T.: -0.009 min
Response: 46936393
Conc: 1140.06 ng/ml



#15 AR-1232-5

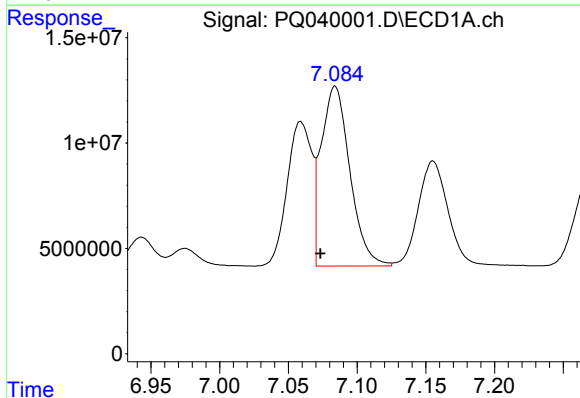
R.T.: 7.373 min
Delta R.T.: -0.016 min
Response: 48581060
Conc: 1219.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



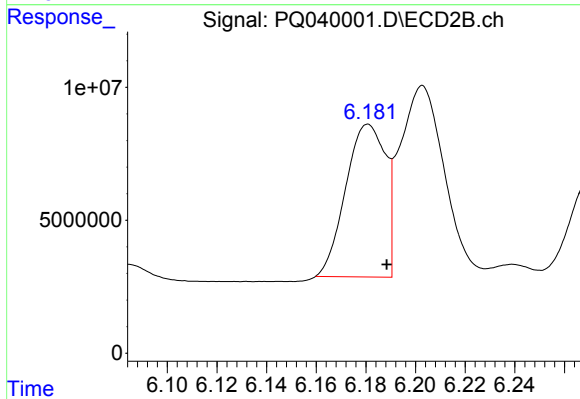
#15 AR-1232-5

R.T.: 6.723 min
Delta R.T.: -0.010 min
Response: 47119775
Conc: 1048.06 ng/ml



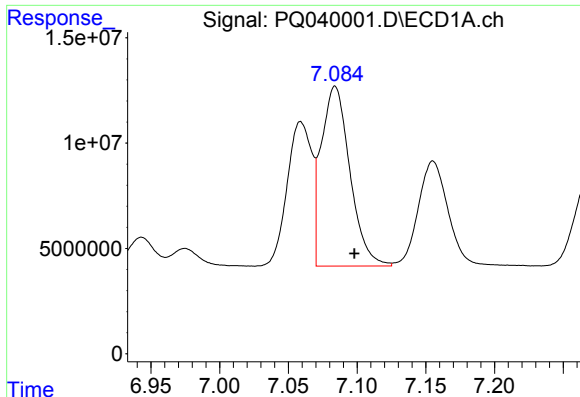
#16 AR-1242-1

R.T.: 7.084 min
Delta R.T.: 0.011 min
Response: 124105306
Conc: 790.17 ng/ml



#16 AR-1242-1

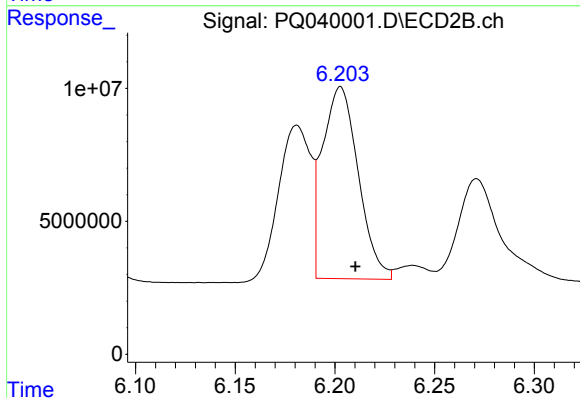
R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 63744401
Conc: 516.32 ng/ml



#17 AR-1242-2

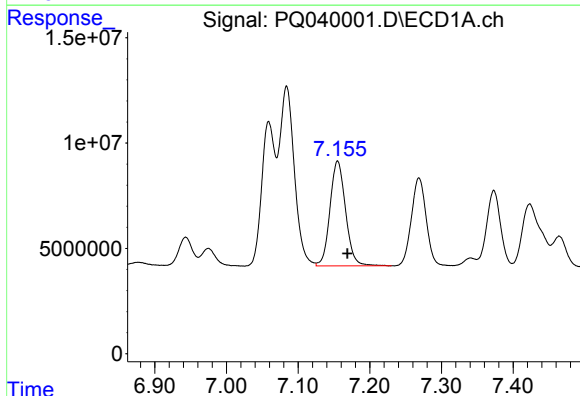
R.T.: 7.084 min
Delta R.T.: -0.014 min
Response: 124105306
Conc: 536.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



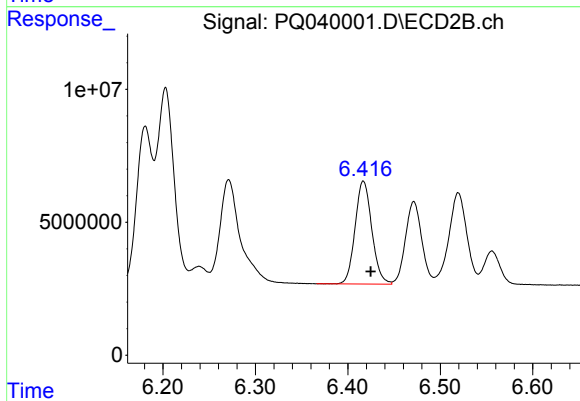
#17 AR-1242-2

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 90156636
Conc: 512.42 ng/ml



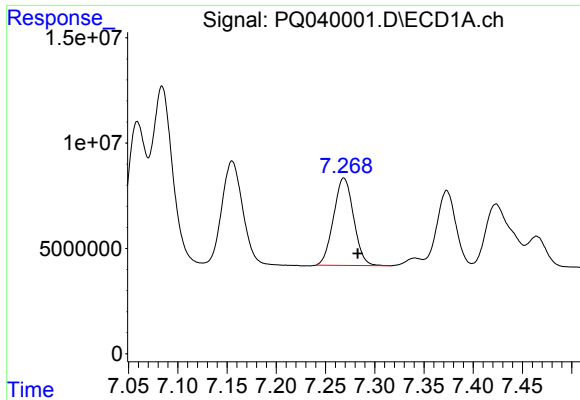
#18 AR-1242-3

R.T.: 7.155 min
Delta R.T.: -0.014 min
Response: 75208762
Conc: 542.83 ng/ml



#18 AR-1242-3

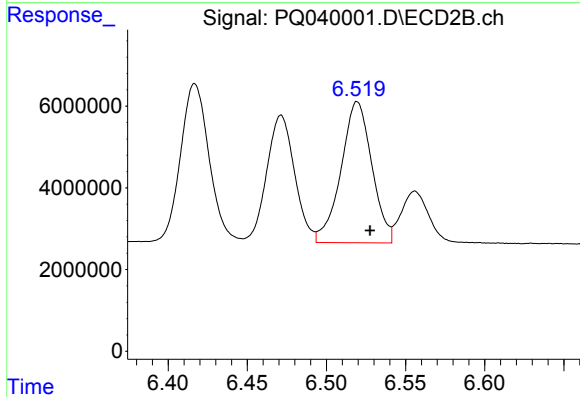
R.T.: 6.417 min
Delta R.T.: -0.008 min
Response: 48646396
Conc: 535.69 ng/ml



#19 AR-1242-4

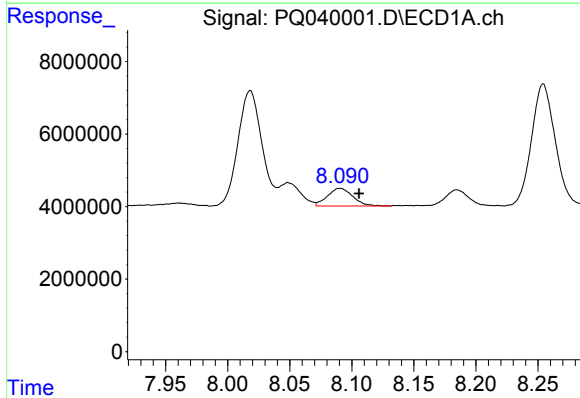
R.T.: 7.269 min
Delta R.T.: -0.014 min
Response: 58812111
Conc: 516.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



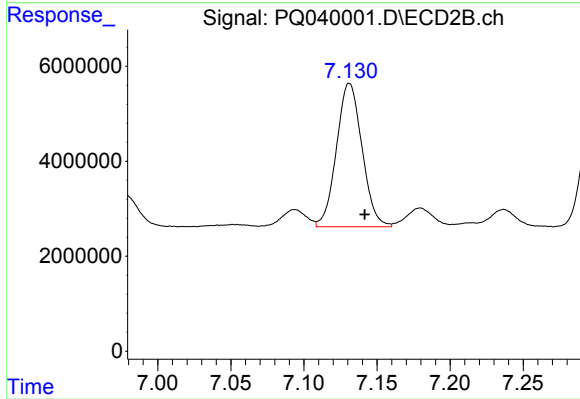
#19 AR-1242-4

R.T.: 6.519 min
Delta R.T.: -0.008 min
Response: 46936393
Conc: 554.60 ng/ml



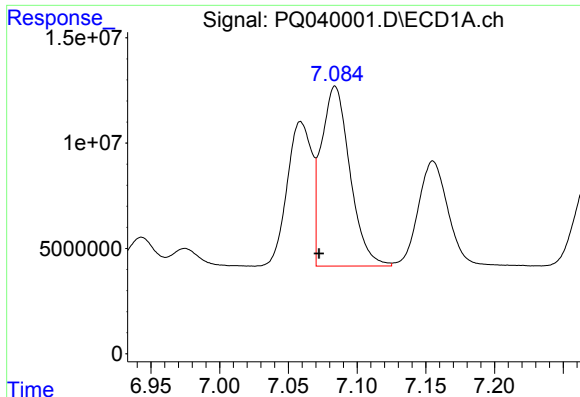
#20 AR-1242-5

R.T.: 8.091 min
Delta R.T.: -0.015 min
Response: 6917652
Conc: 57.24 ng/ml



#20 AR-1242-5

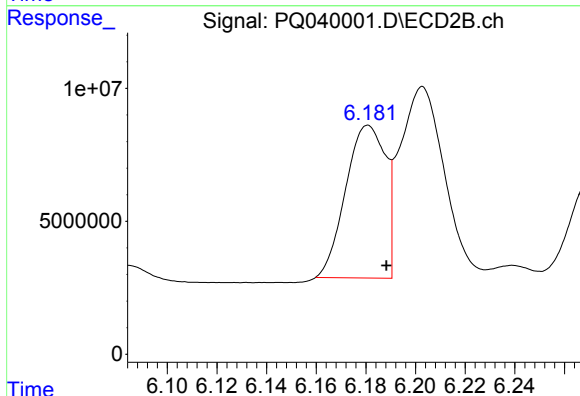
R.T.: 7.131 min
Delta R.T.: -0.010 min
Response: 36761206
Conc: 342.87 ng/ml



#21 AR-1248-1

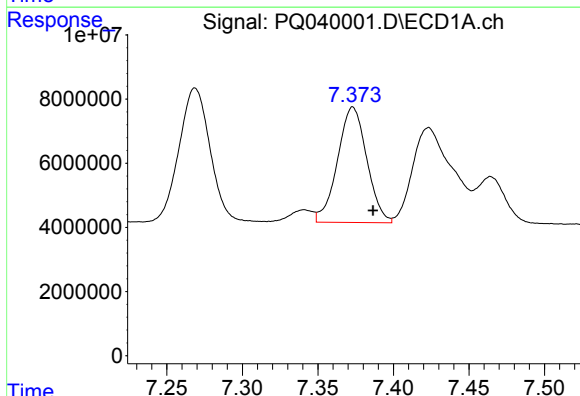
R.T.: 7.084 min
Delta R.T.: 0.012 min
Response: 124105306
Conc: 955.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



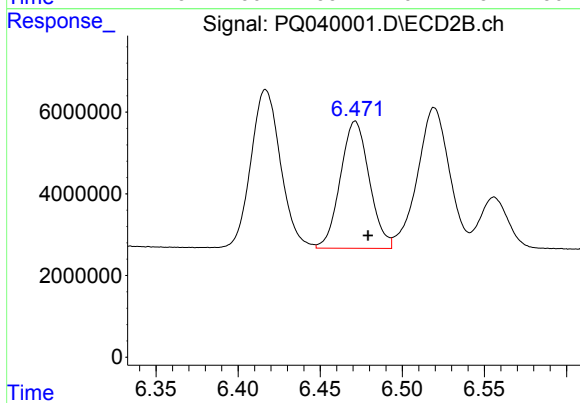
#21 AR-1248-1

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 63744401
Conc: 630.83 ng/ml



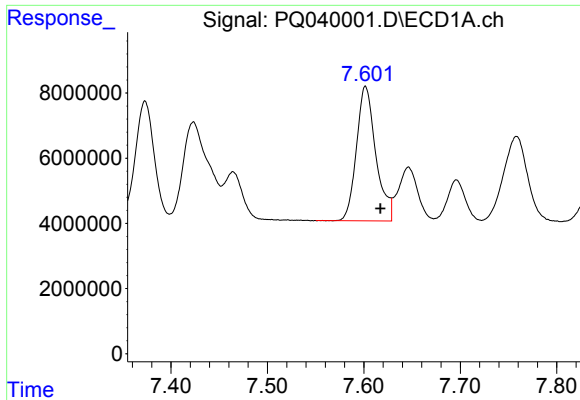
#22 AR-1248-2

R.T.: 7.373 min
Delta R.T.: -0.013 min
Response: 48581060
Conc: 295.89 ng/ml



#22 AR-1248-2

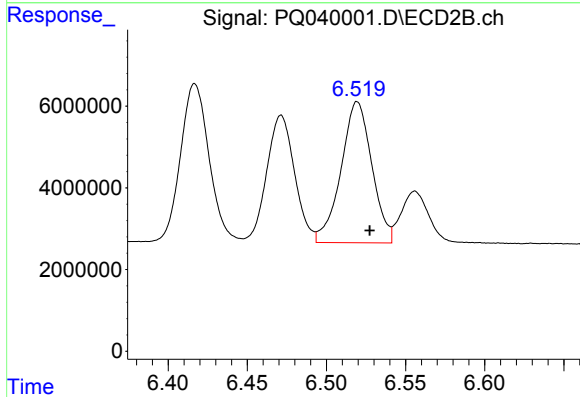
R.T.: 6.471 min
Delta R.T.: -0.008 min
Response: 38219635
Conc: 301.83 ng/ml



#23 AR-1248-3

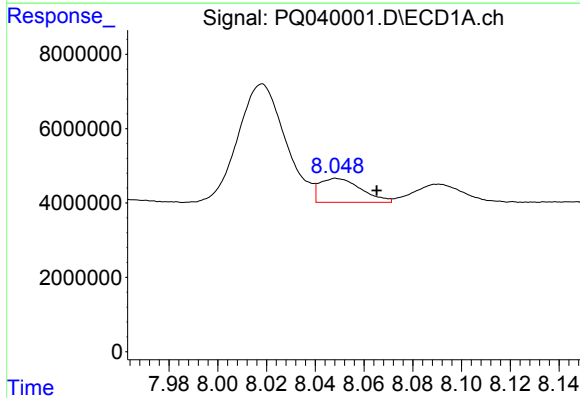
R.T.: 7.602 min
Delta R.T.: -0.015 min
Response: 57754243
Conc: 297.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



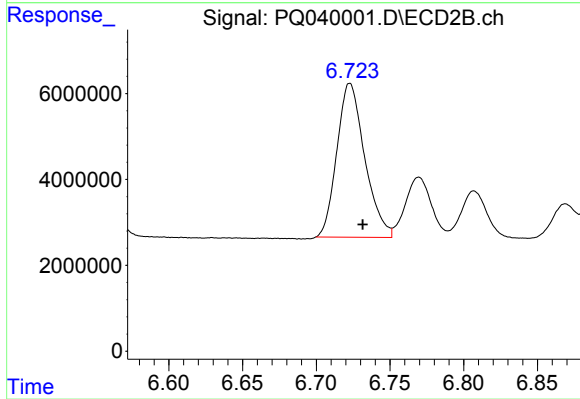
#23 AR-1248-3

R.T.: 6.519 min
Delta R.T.: -0.008 min
Response: 46936393
Conc: 353.88 ng/ml



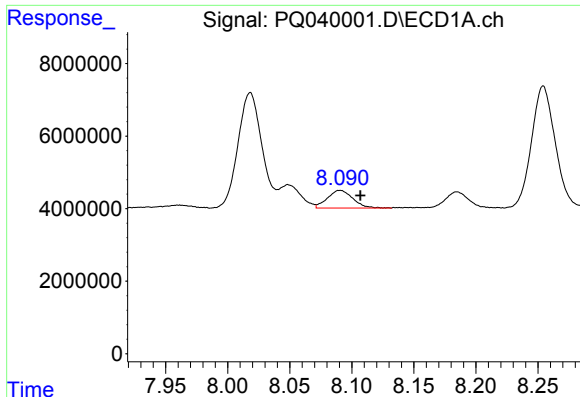
#24 AR-1248-4

R.T.: 8.049 min
Delta R.T.: -0.016 min
Response: 7650754
Conc: 35.45 ng/ml



#24 AR-1248-4

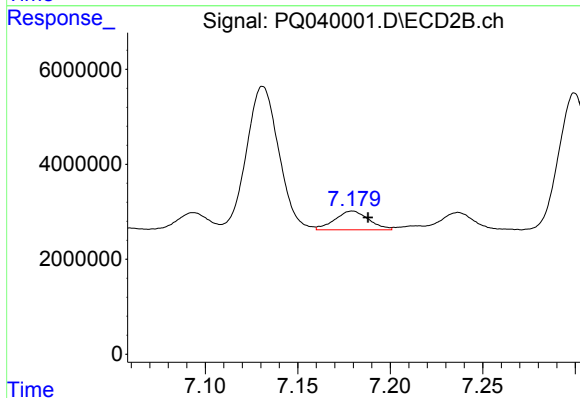
R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 47119775
Conc: 287.61 ng/ml



#25 AR-1248-5

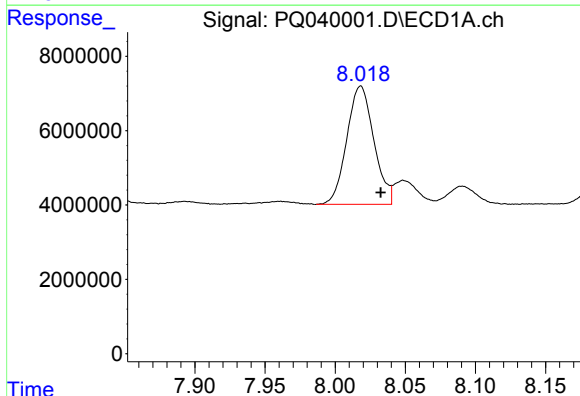
R.T.: 8.091 min
Delta R.T.: -0.016 min
Response: 6917652
Conc: 33.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



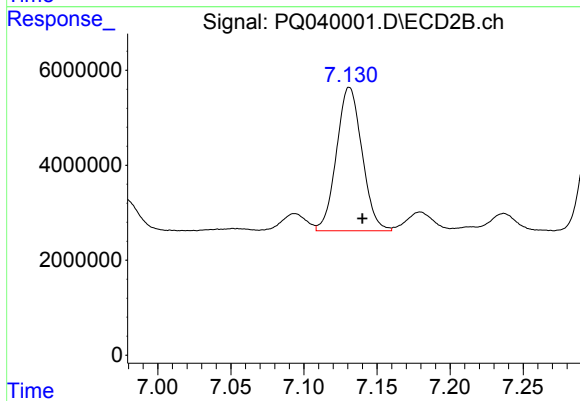
#25 AR-1248-5

R.T.: 7.180 min
Delta R.T.: -0.008 min
Response: 5055291
Conc: 31.20 ng/ml



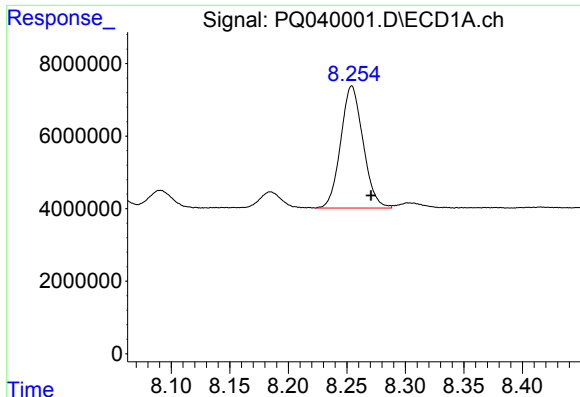
#26 AR-1254-1

R.T.: 8.018 min
Delta R.T.: -0.014 min
Response: 42692655
Conc: 184.94 ng/ml



#26 AR-1254-1

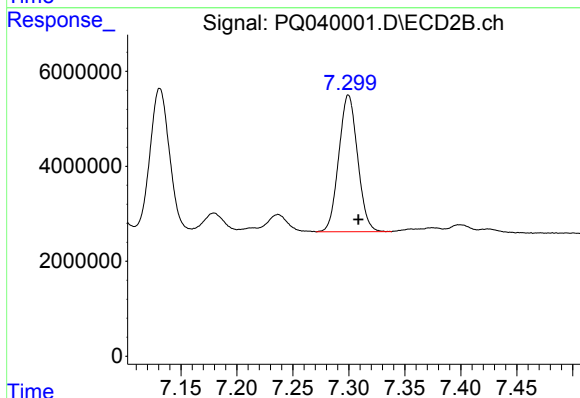
R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 36761206
Conc: 138.80 ng/ml



#27 AR-1254-2

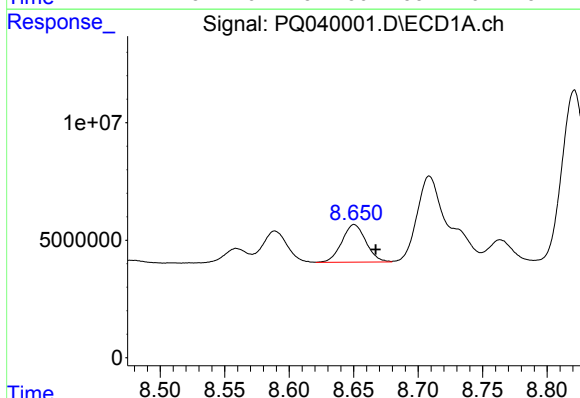
R.T.: 8.254 min
Delta R.T.: -0.016 min
Response: 44755262
Conc: 124.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



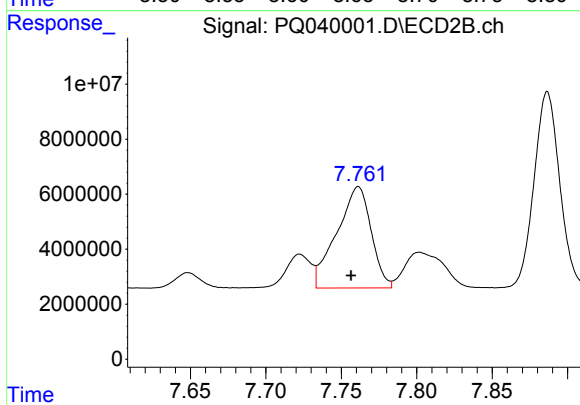
#27 AR-1254-2

R.T.: 7.300 min
Delta R.T.: -0.009 min
Response: 33718017
Conc: 147.70 ng/ml



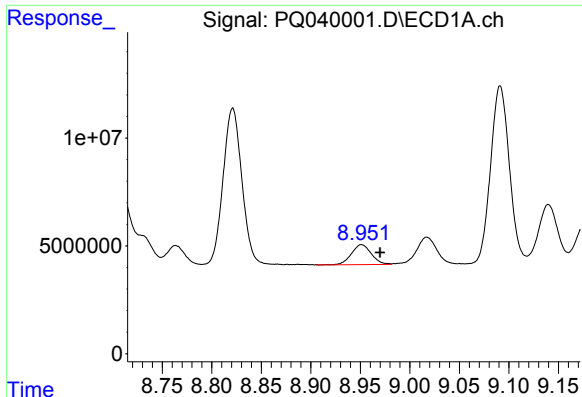
#28 AR-1254-3

R.T.: 8.650 min
Delta R.T.: -0.017 min
Response: 20799805
Conc: 54.79 ng/ml



#28 AR-1254-3

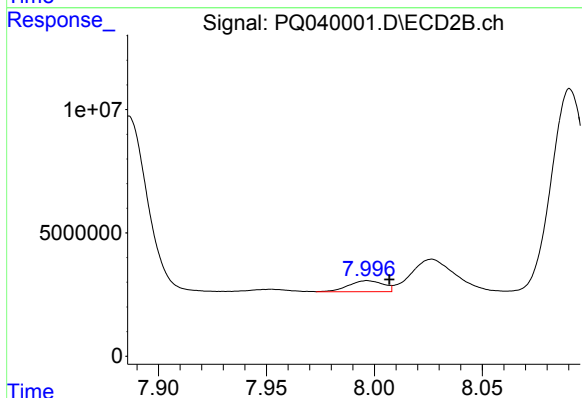
R.T.: 7.761 min
Delta R.T.: 0.005 min
Response: 58489174
Conc: 158.30 ng/ml



#29 AR-1254-4

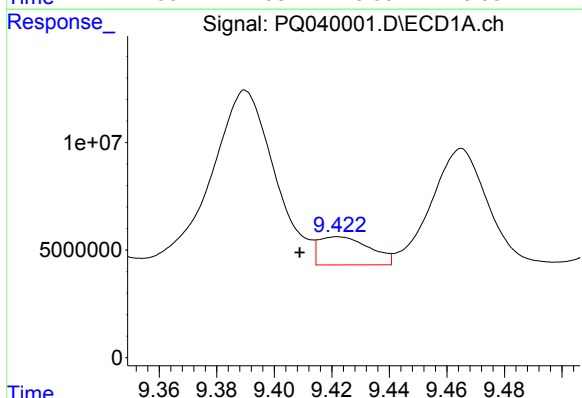
R.T.: 8.951 min
Delta R.T.: -0.019 min
Response: 12963880
Conc: 47.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



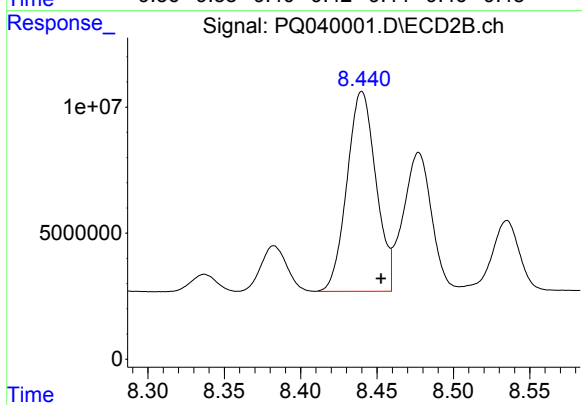
#29 AR-1254-4

R.T.: 7.997 min
Delta R.T.: -0.010 min
Response: 4974718
Conc: 21.67 ng/ml



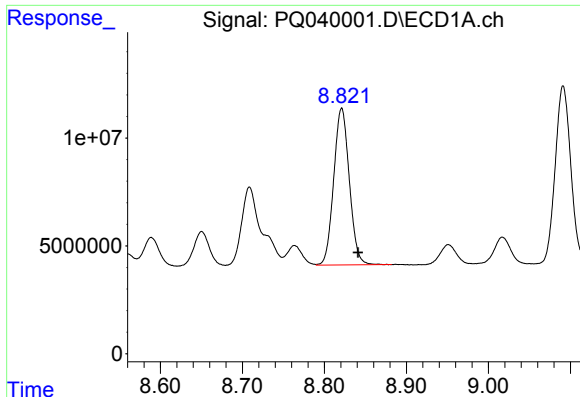
#30 AR-1254-5

R.T.: 9.422 min
Delta R.T.: 0.013 min
Response: 16071600
Conc: 53.48 ng/ml



#30 AR-1254-5

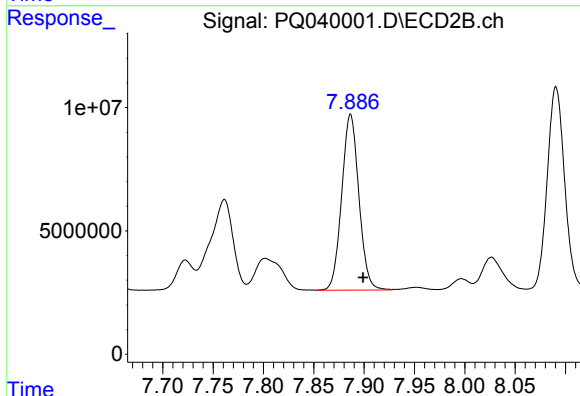
R.T.: 8.440 min
Delta R.T.: -0.013 min
Response: 104600506
Conc: 335.97 ng/ml



#31 AR-1260-1

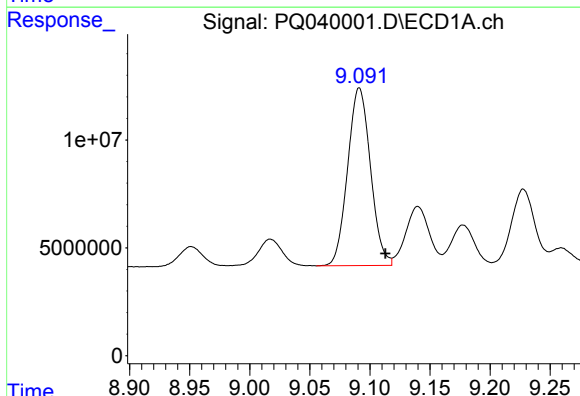
R.T.: 8.821 min
Delta R.T.: -0.020 min
Response: 96177146
Conc: 215.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



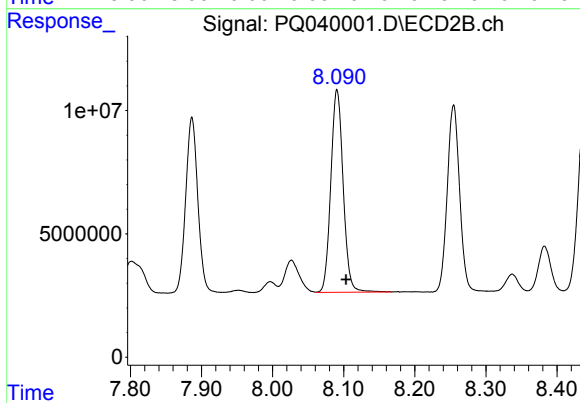
#31 AR-1260-1

R.T.: 7.887 min
Delta R.T.: -0.012 min
Response: 84557029
Conc: 229.54 ng/ml



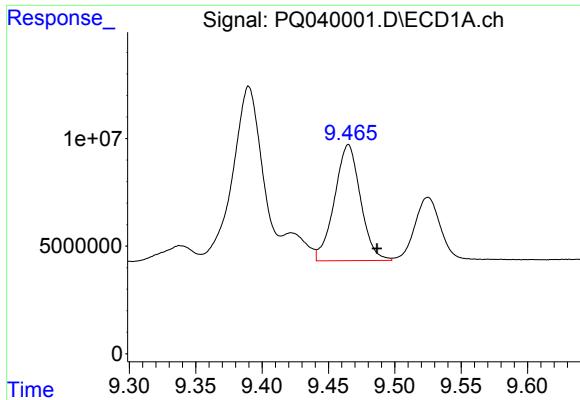
#32 AR-1260-2

R.T.: 9.091 min
Delta R.T.: -0.022 min
Response: 108890812
Conc: 202.61 ng/ml



#32 AR-1260-2

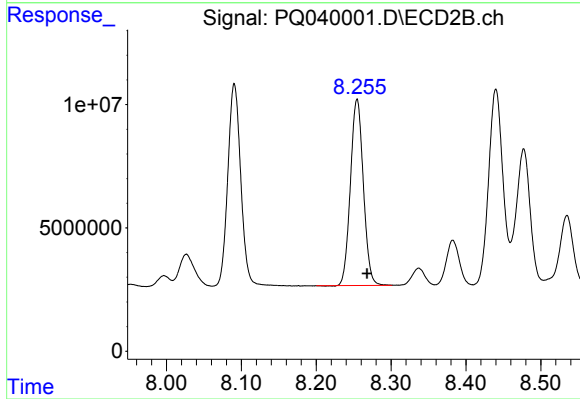
R.T.: 8.091 min
Delta R.T.: -0.013 min
Response: 99094541
Conc: 217.83 ng/ml



#33 AR-1260-3

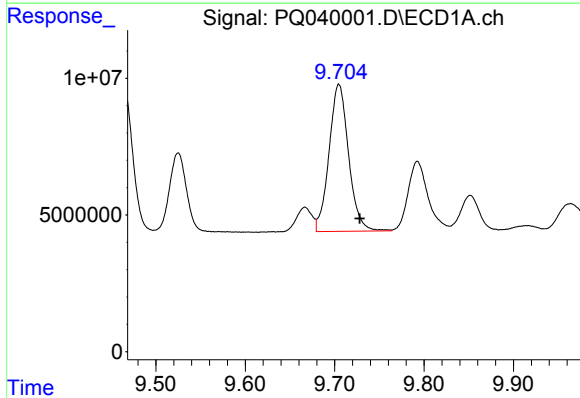
R.T.: 9.465 min
Delta R.T.: -0.022 min
Response: 73479683
Conc: 183.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



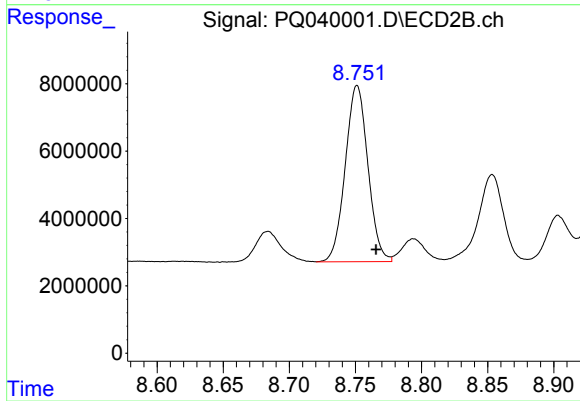
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.013 min
Response: 90626943
Conc: 215.75 ng/ml



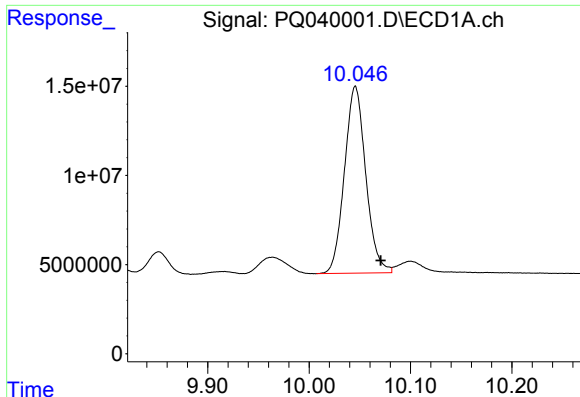
#34 AR-1260-4

R.T.: 9.705 min
Delta R.T.: -0.023 min
Response: 81758773
Conc: 177.76 ng/ml



#34 AR-1260-4

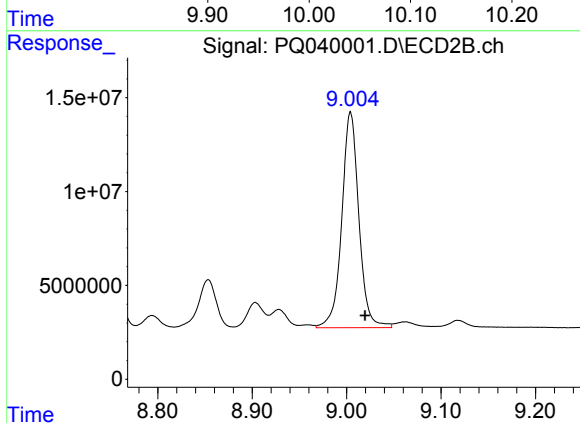
R.T.: 8.751 min
Delta R.T.: -0.014 min
Response: 62479089
Conc: 188.77 ng/ml



#35 AR-1260-5

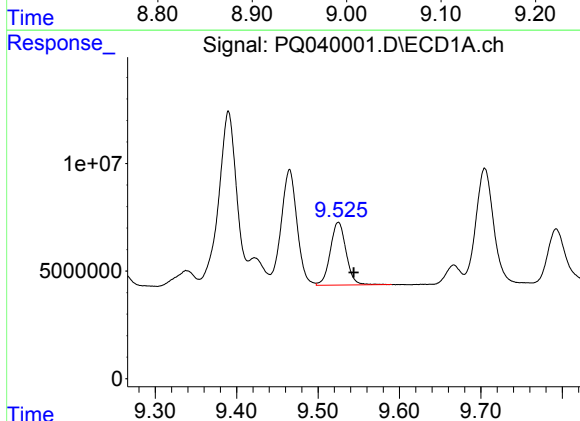
R.T.: 10.046 min
Delta R.T.: -0.025 min
Response: 153206070
Conc: 158.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



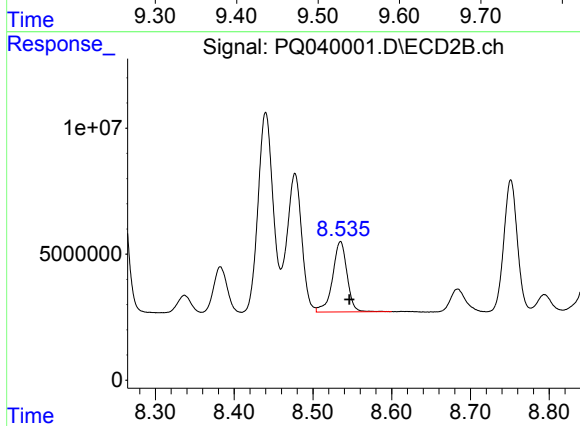
#35 AR-1260-5

R.T.: 9.004 min
Delta R.T.: -0.016 min
Response: 144507259
Conc: 176.17 ng/ml



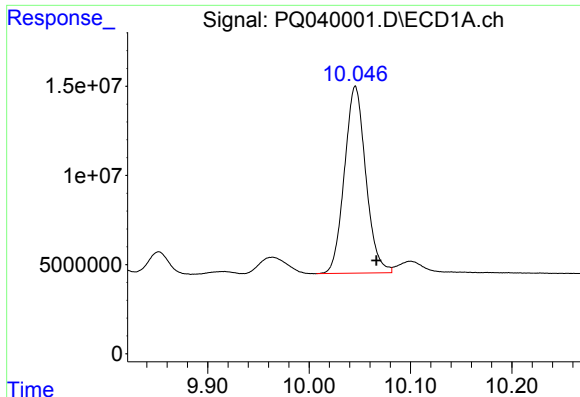
#36 AR-1262-1

R.T.: 9.525 min
Delta R.T.: -0.019 min
Response: 39359598
Conc: 256.52 ng/ml



#36 AR-1262-1

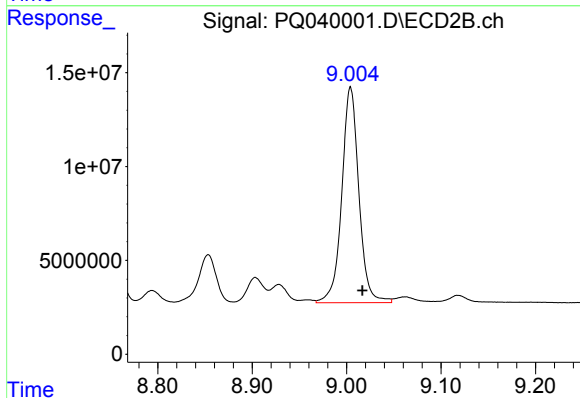
R.T.: 8.535 min
Delta R.T.: -0.011 min
Response: 35673592
Conc: 266.89 ng/ml



#37 AR-1262-2

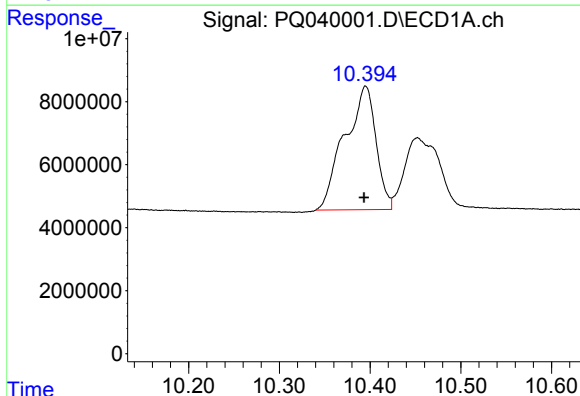
R.T.: 10.046 min
Delta R.T.: -0.021 min
Response: 153206070
Conc: 226.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



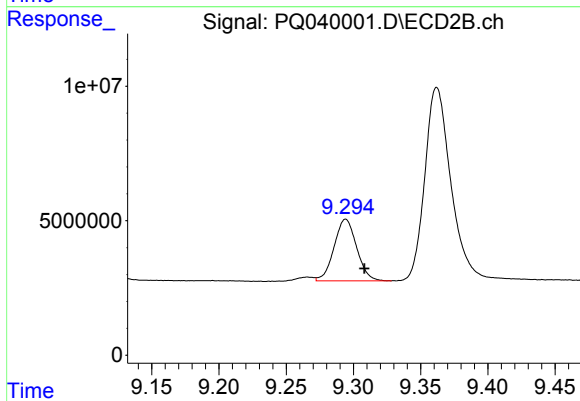
#37 AR-1262-2

R.T.: 9.004 min
Delta R.T.: -0.013 min
Response: 144507259
Conc: 241.23 ng/ml



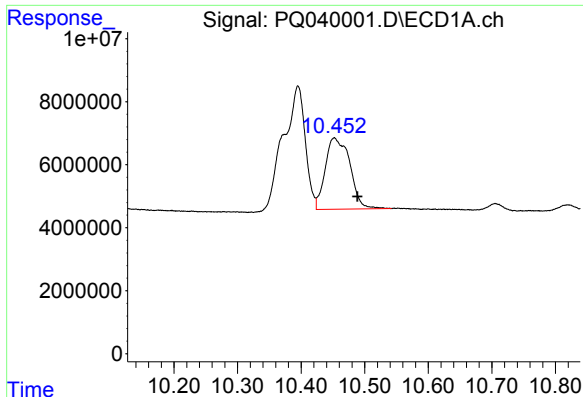
#38 AR-1262-3

R.T.: 10.395 min
Delta R.T.: 0.002 min
Response: 93982503
Conc: 204.63 ng/ml



#38 AR-1262-3

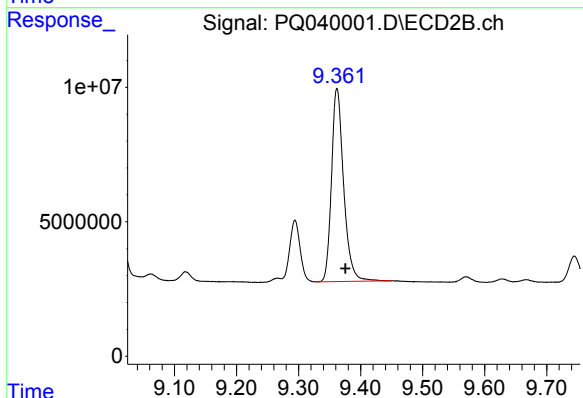
R.T.: 9.294 min
Delta R.T.: -0.014 min
Response: 26841999
Conc: 116.44 ng/ml



#39 AR-1262-4

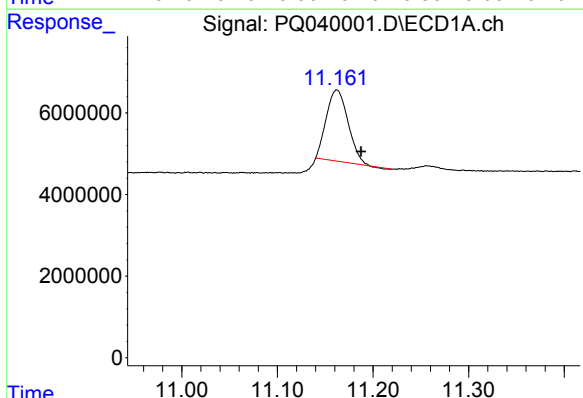
R.T.: 10.452 min
Delta R.T.: -0.036 min
Response: 60803611
Conc: 165.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



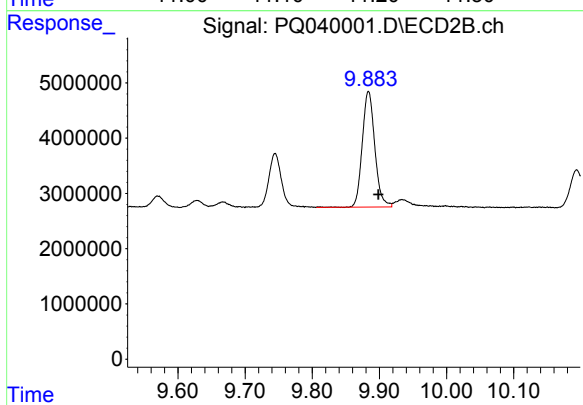
#39 AR-1262-4

R.T.: 9.362 min
Delta R.T.: -0.014 min
Response: 97599865
Conc: 229.56 ng/ml



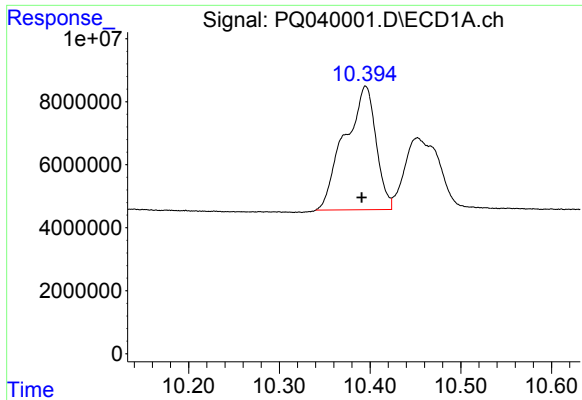
#40 AR-1262-5

R.T.: 11.162 min
Delta R.T.: -0.025 min
Response: 27419826
Conc: 114.06 ng/ml



#40 AR-1262-5

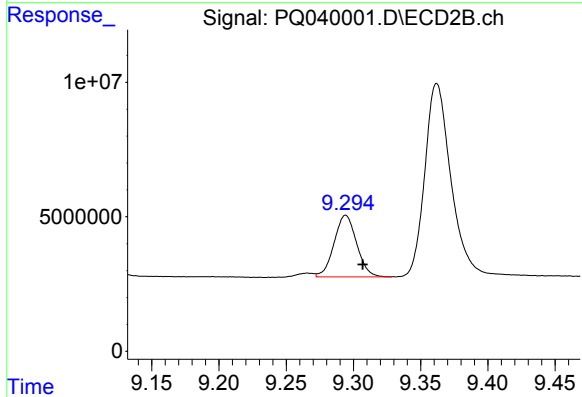
R.T.: 9.884 min
Delta R.T.: -0.015 min
Response: 27213538
Conc: 151.93 ng/ml



#41 AR-1268-1

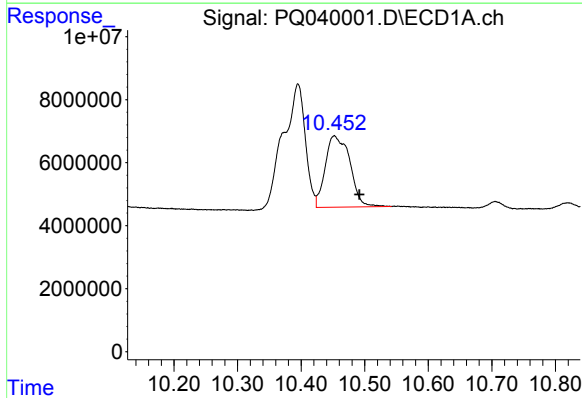
R.T.: 10.395 min
Delta R.T.: 0.004 min
Response: 93982503
Conc: 77.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



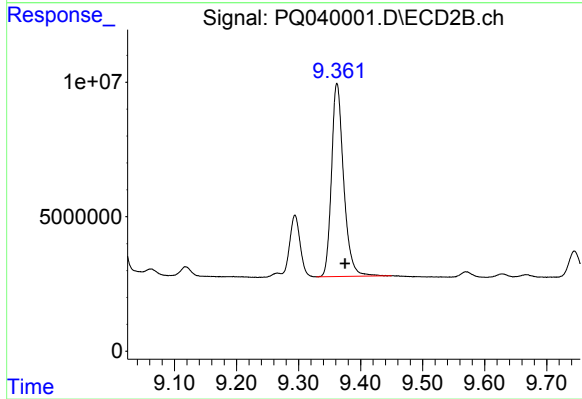
#41 AR-1268-1

R.T.: 9.294 min
Delta R.T.: -0.013 min
Response: 26841999
Conc: 25.94 ng/ml



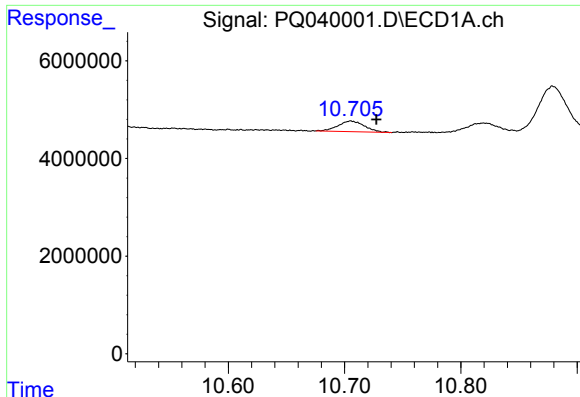
#42 AR-1268-2

R.T.: 10.452 min
Delta R.T.: -0.040 min
Response: 60803611
Conc: 52.83 ng/ml



#42 AR-1268-2

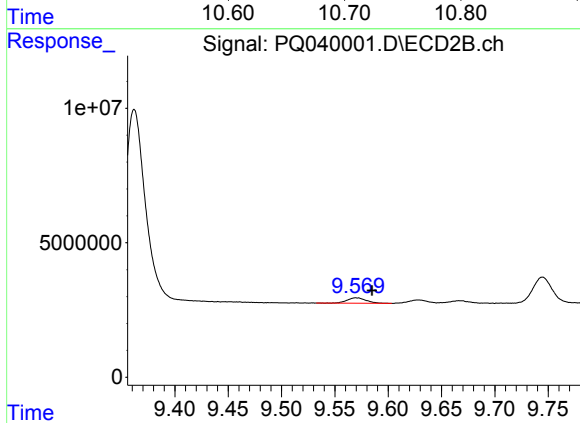
R.T.: 9.362 min
Delta R.T.: -0.013 min
Response: 97599865
Conc: 101.99 ng/ml



#43 AR-1268-3

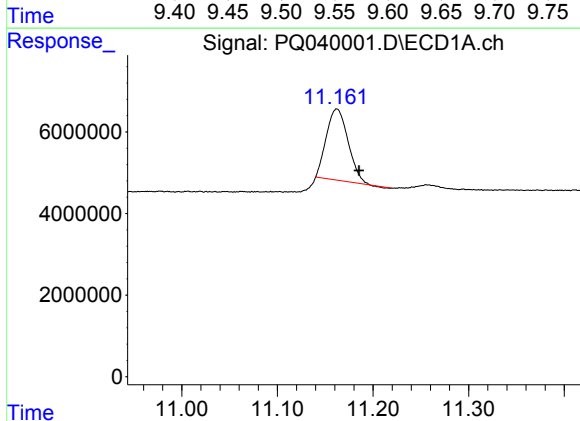
R.T.: 10.705 min
Delta R.T.: -0.022 min
Response: 3432577
Conc: 3.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



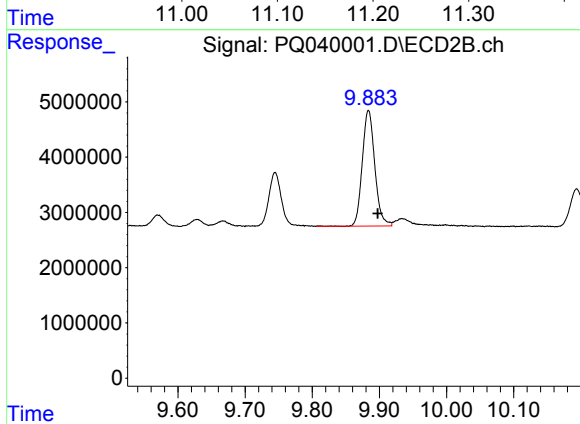
#43 AR-1268-3

R.T.: 9.570 min
Delta R.T.: -0.015 min
Response: 2515295
Conc: 3.13 ng/ml



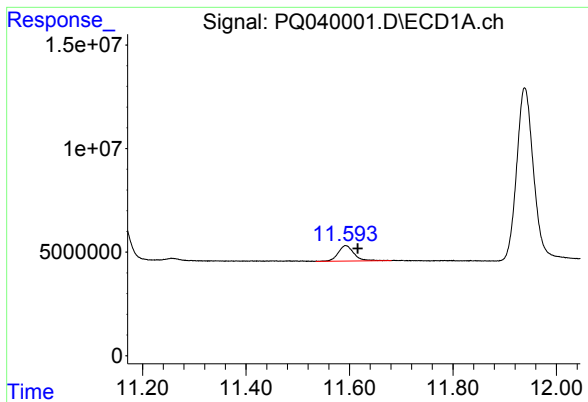
#44 AR-1268-4

R.T.: 11.162 min
Delta R.T.: -0.023 min
Response: 27419826
Conc: 72.55 ng/ml



#44 AR-1268-4

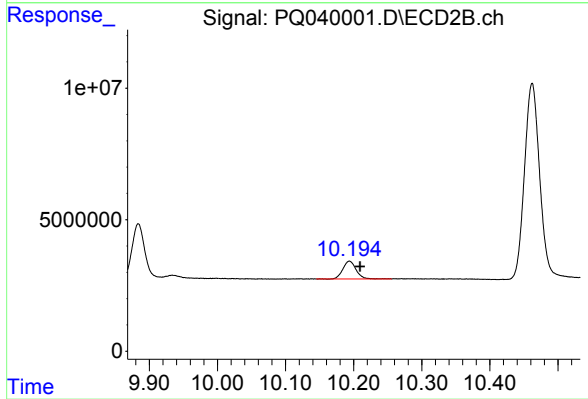
R.T.: 9.884 min
Delta R.T.: -0.014 min
Response: 27213538
Conc: 90.72 ng/ml



#45 AR-1268-5

R.T.: 11.593 min
Delta R.T.: -0.024 min
Response: 15808628
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A51B0MS



#45 AR-1268-5

R.T.: 10.194 min
Delta R.T.: -0.015 min
Response: 9042412
Conc: 3.68 ng/ml