

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100920\
 Data File : PQ050304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2020 16:20
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254332

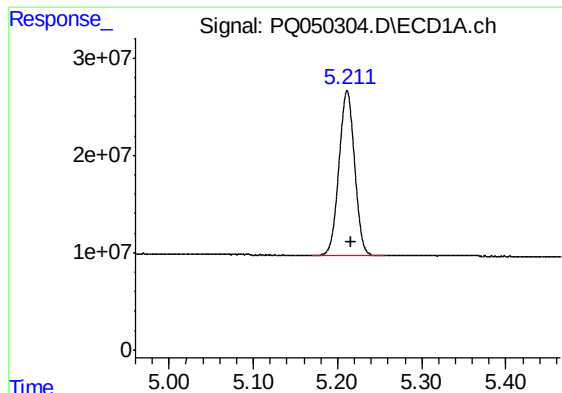
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:06:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 24 08:00:48 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.212	4.269	217.0E6	65748908	21.924	18.652
2) SA Decachlor...	11.405	9.623	270.5E6	188.8E6	39.841	35.104
Target Compounds						
3) L1 AR-1016-1	6.542	0.000	4363432	0	13.504	N.D. #
4) L1 AR-1016-2	6.569	0.000	5398010	0	11.483	N.D. #
5) L1 AR-1016-3	6.569f	5.792f	5398010	33862264	17.782	285.799 #
6) L1 AR-1016-4	0.000	5.792	0	33862264	N.D.	358.805 #
7) L1 AR-1016-5	7.056	6.023	53046778	20192536	240.282	163.334 #
9) L2 AR-1221-2	5.569	0.000	4079796	0	48.463	N.D. #
13) L3 AR-1232-3	6.569	5.792f	5398010	33862264	24.954	683.692 #
14) L3 AR-1232-4	0.000	5.836	0	9004099	N.D.	202.037 #
15) L3 AR-1232-5	6.835	6.023	88426638	20192536	1173.834	397.365 #
16) L4 AR-1242-1	6.542	0.000	4363432	0	16.178	N.D. #
17) L4 AR-1242-2	6.569	0.000	5398010	0	14.295	N.D. #
18) L4 AR-1242-3	6.569f	5.792f	5398010	33862264	22.658	366.457 #
19) L4 AR-1242-4	0.000	5.836	0	9004099	N.D.	100.616 #
20) L4 AR-1242-5	7.528	6.402	50411848	94285148	261.703	707.281 #
21) L5 AR-1248-1	6.542	0.000	4363432	0	20.068	N.D. #
22) L5 AR-1248-2	6.835	5.792	88426638	33862264	319.283	259.759
23) L5 AR-1248-3	7.056	5.836	53046778	9004099	176.510	67.876 #
24) L5 AR-1248-4	7.486	6.023	85296792	20192536	255.005	122.295 #
25) L5 AR-1248-5	7.528	6.445	50411848	11625068	160.140	64.138 #
26) L6 AR-1254-1	7.454	6.402	151.8E6	94285148	460.081	340.251 #
27) L6 AR-1254-2	7.682	6.561	231.4E6	83407635	475.468	337.241 #
28) L6 AR-1254-3	8.069	6.983	227.1E6	141.0E6	467.086	343.866 #
29) L6 AR-1254-4	8.367	7.221	174.8E6	103.8E6	460.921	343.020 #
30) L6 AR-1254-5	8.797	7.651	179.1E6	139.5E6	479.137	347.873 #
31) L7 AR-1260-1	8.233	7.120	87683651	68160089	269.239	278.143
32) L7 AR-1260-2	8.498	7.315	109.1E6	63878208	281.912	181.127 #
33) L7 AR-1260-3	8.859	7.470	24051972	58502067	80.103	194.146 #
34) L7 AR-1260-4	9.107	7.955	71130680	6944927	220.641	25.471 #
35) L7 AR-1260-5	9.456	8.202	34148971	15099317	50.888	19.588 #
36) L8 AR-1262-1	8.859	7.651	24051972	139.5E6	55.144	671.830 #
37) L8 AR-1262-2	9.456	8.202	34148971	15099317	44.305	17.018 #
38) L8 AR-1262-3	9.817	8.551f	22644313	18208522	61.877	49.369
39) L8 AR-1262-4	9.868	8.551	6020468	18208522	13.609	28.513 #
41) L9 AR-1268-1	9.817	8.551f	22644313	18208522	23.560	16.237 #
42) L9 AR-1268-2	9.868	8.551	6020468	18208522	6.544	18.758 #
43) L9 AR-1268-3	0.000	8.702f	0	3190102	N.D.	3.843 #

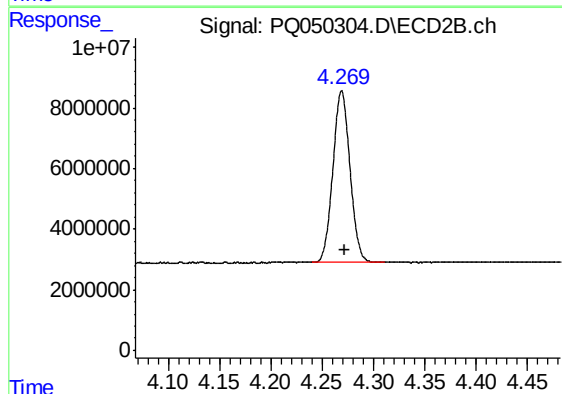
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

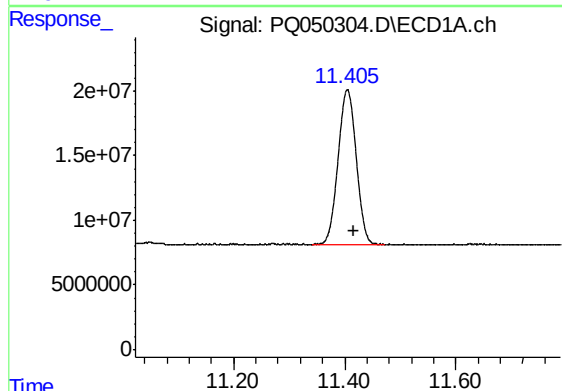
R.T.: 5.212 min
Delta R.T.: -0.005 min
Response: 217041737
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



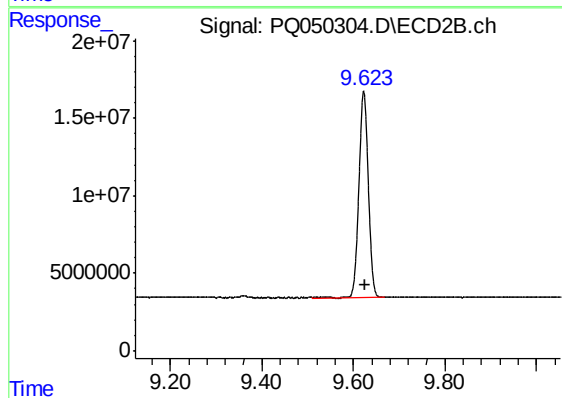
#1 Tetrachloro-m-xylene

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 65748908
Conc: 18.65 ng/ml



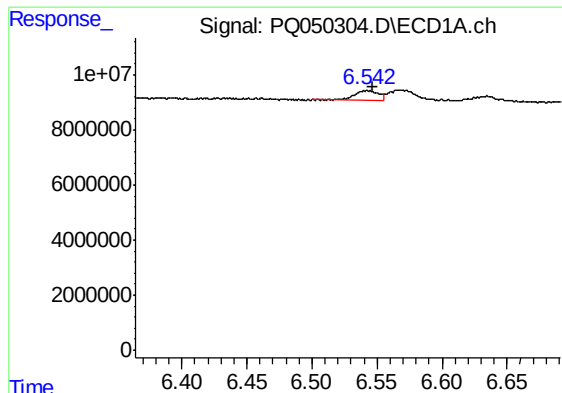
#2 Decachlorobiphenyl

R.T.: 11.405 min
Delta R.T.: -0.011 min
Response: 270475144
Conc: 39.84 ng/ml



#2 Decachlorobiphenyl

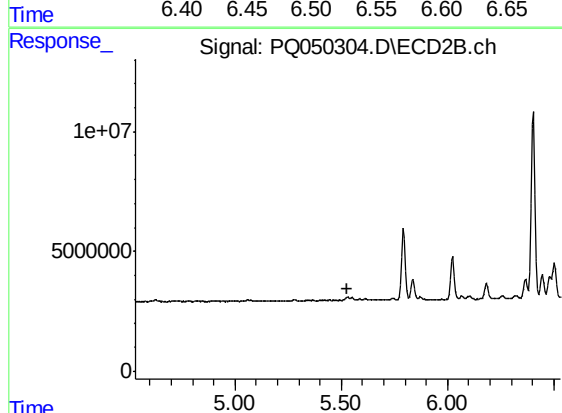
R.T.: 9.623 min
Delta R.T.: -0.003 min
Response: 188822369
Conc: 35.10 ng/ml



#3 AR-1016-1

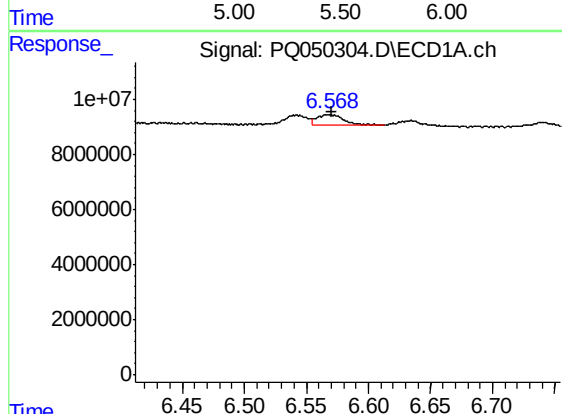
R.T.: 6.542 min
Delta R.T.: -0.005 min
Response: 4363432
Conc: 13.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



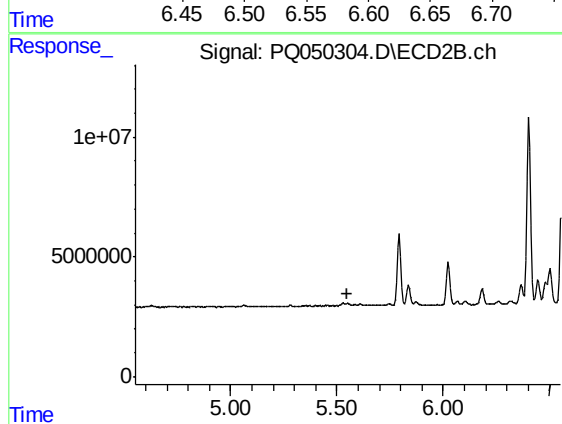
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.531 min
Response: 0
Conc: N.D.



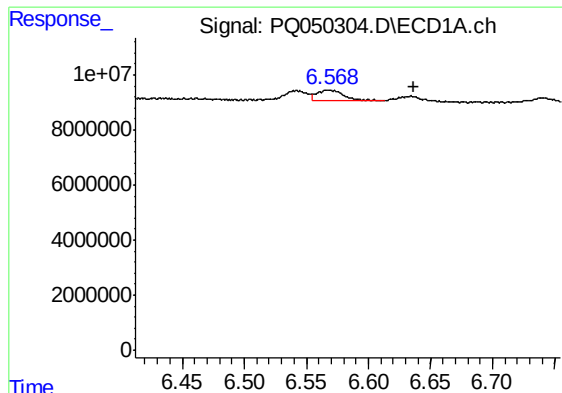
#4 AR-1016-2

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 5398010
Conc: 11.48 ng/ml



#4 AR-1016-2

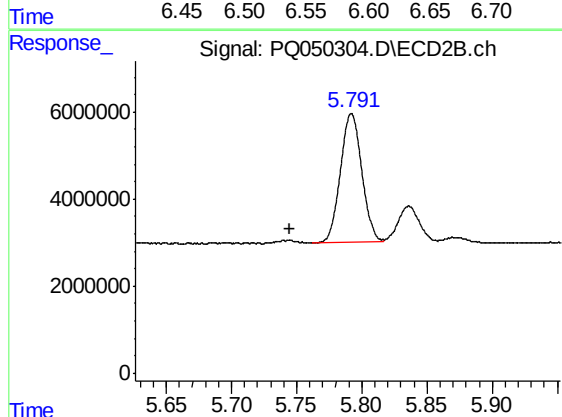
R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.



#5 AR-1016-3

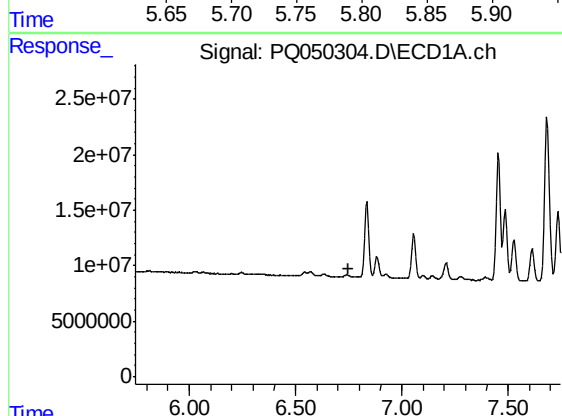
R.T.: 6.569 min
Delta R.T.: -0.068 min
Response: 5398010
Conc: 17.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



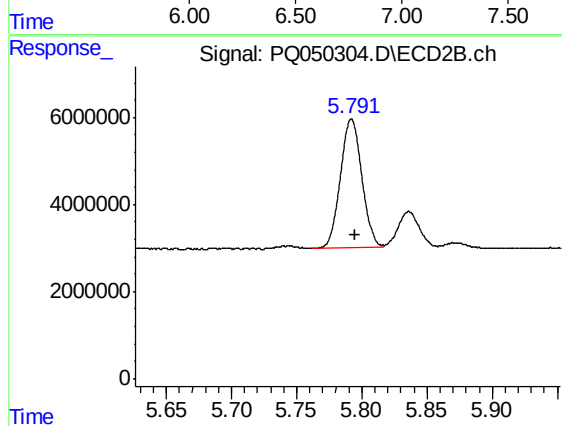
#5 AR-1016-3

R.T.: 5.792 min
Delta R.T.: 0.047 min
Response: 33862264
Conc: 285.80 ng/ml



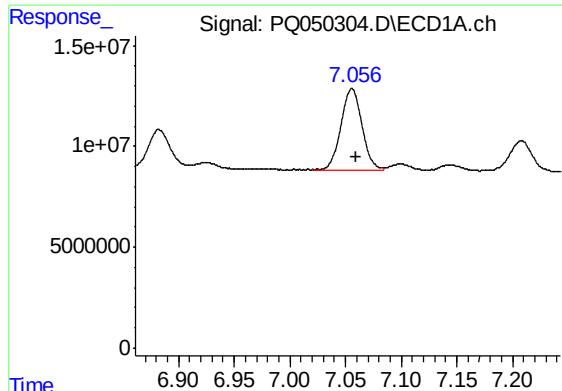
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.747 min
Response: 0
Conc: N.D.



#6 AR-1016-4

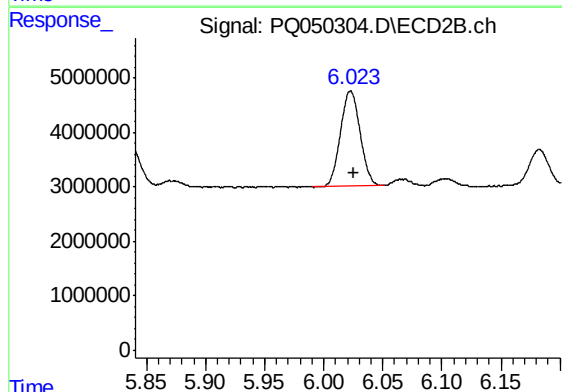
R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 33862264
Conc: 358.80 ng/ml



#7 AR-1016-5

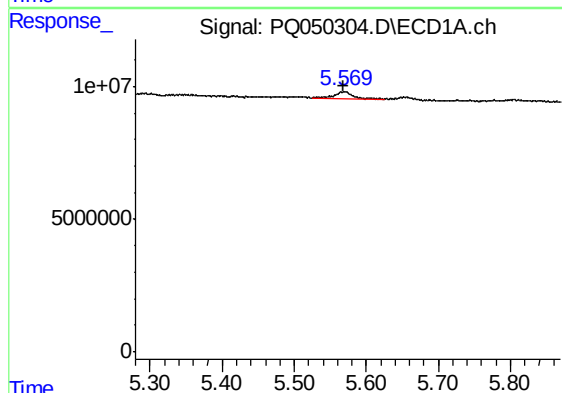
R.T.: 7.056 min
Delta R.T.: -0.004 min
Response: 53046778
Conc: 240.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



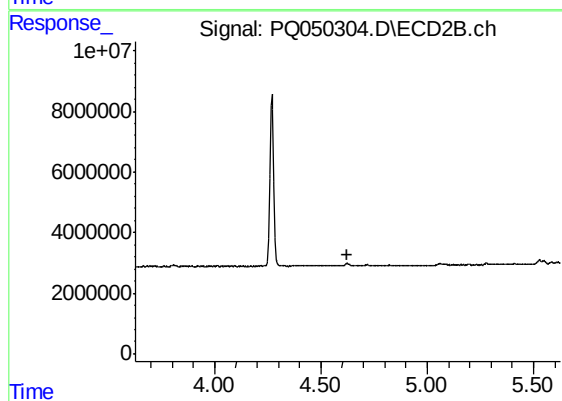
#7 AR-1016-5

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 20192536
Conc: 163.33 ng/ml



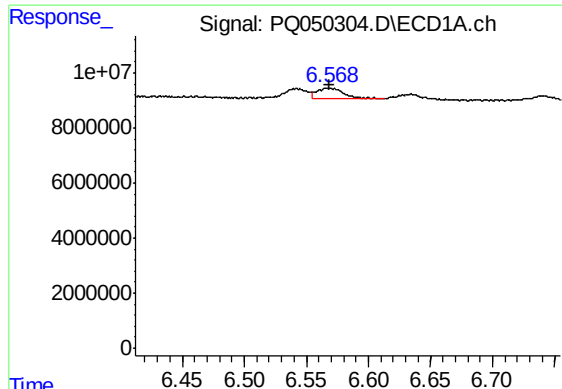
#9 AR-1221-2

R.T.: 5.569 min
Delta R.T.: 0.001 min
Response: 4079796
Conc: 48.46 ng/ml



#9 AR-1221-2

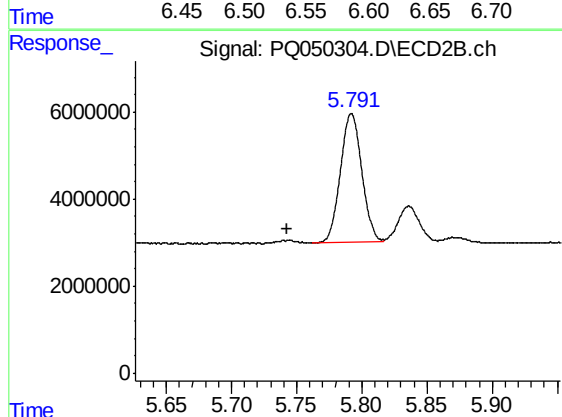
R.T.: 0.000 min
Exp R.T. : 4.627 min
Response: 0
Conc: N.D.



#13 AR-1232-3

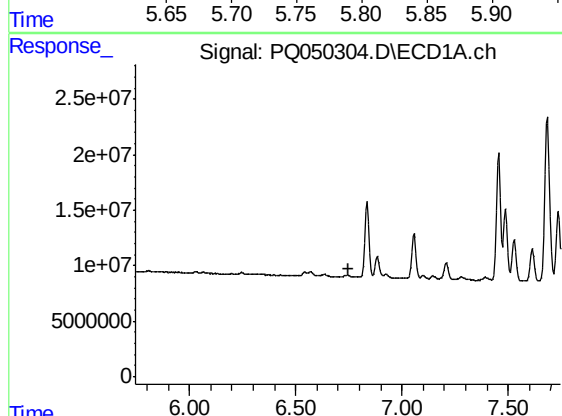
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 5398010
Conc: 24.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



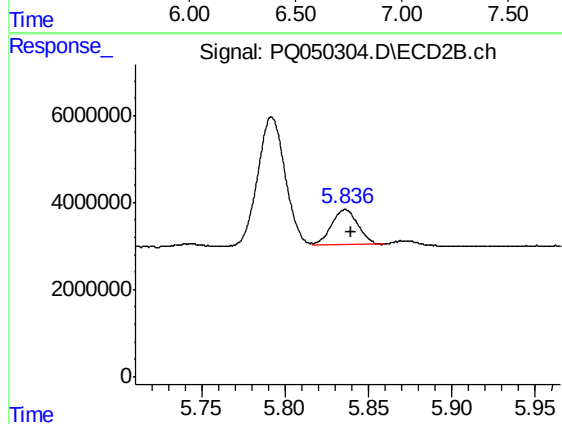
#13 AR-1232-3

R.T.: 5.792 min
Delta R.T.: 0.049 min
Response: 33862264
Conc: 683.69 ng/ml



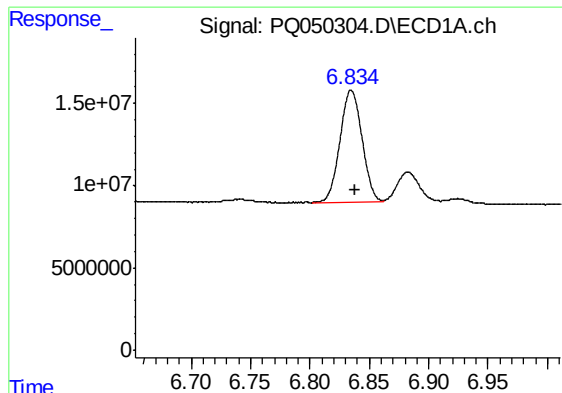
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.746 min
Response: 0
Conc: N.D.



#14 AR-1232-4

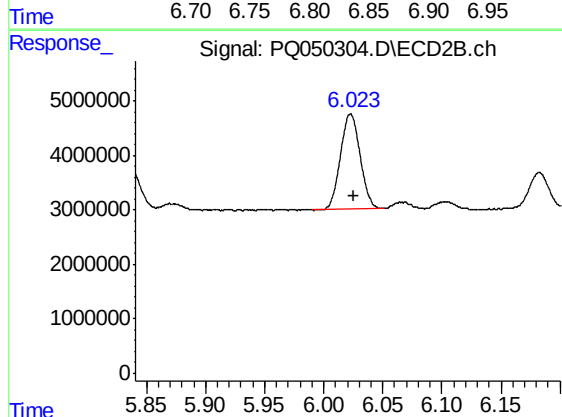
R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 9004099
Conc: 202.04 ng/ml



#15 AR-1232-5

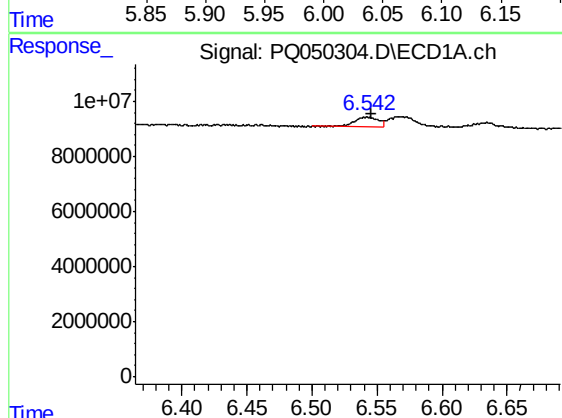
R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 88426638
Conc: 1173.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



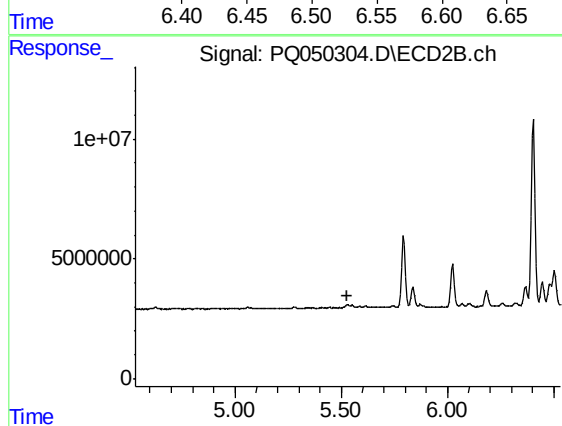
#15 AR-1232-5

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 20192536
Conc: 397.37 ng/ml



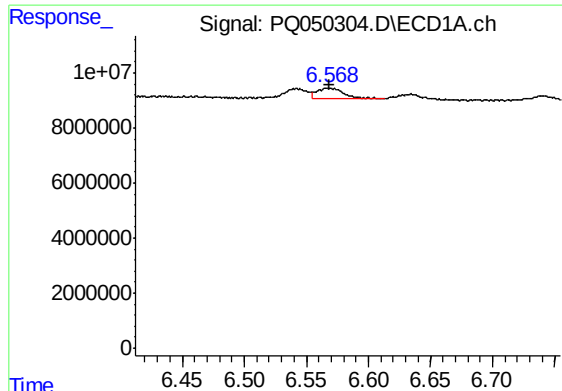
#16 AR-1242-1

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 4363432
Conc: 16.18 ng/ml



#16 AR-1242-1

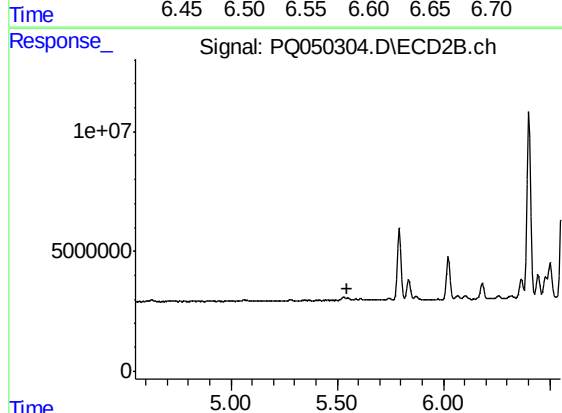
R.T.: 0.000 min
Exp R.T. : 5.531 min
Response: 0
Conc: N.D.



#17 AR-1242-2

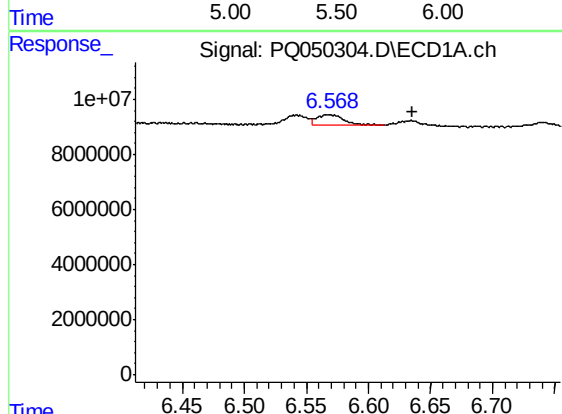
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 5398010
Conc: 14.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



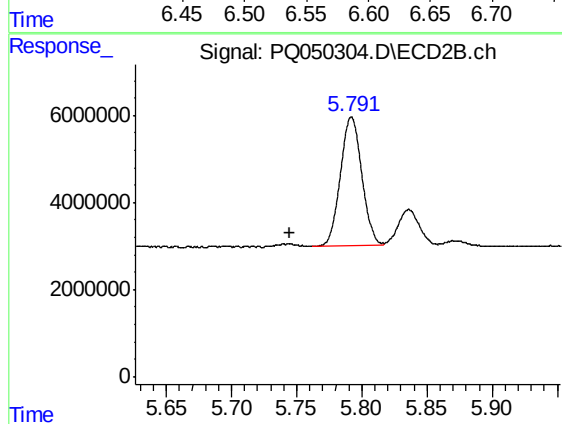
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.



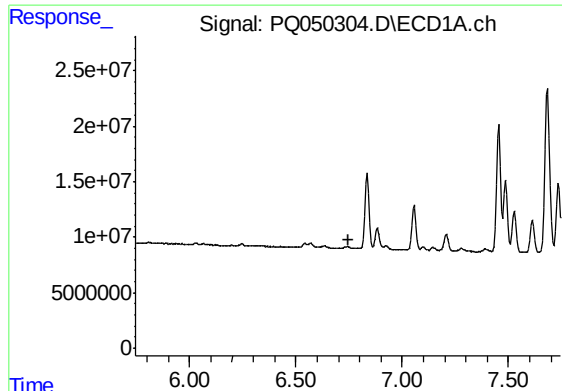
#18 AR-1242-3

R.T.: 6.569 min
Delta R.T.: -0.067 min
Response: 5398010
Conc: 22.66 ng/ml



#18 AR-1242-3

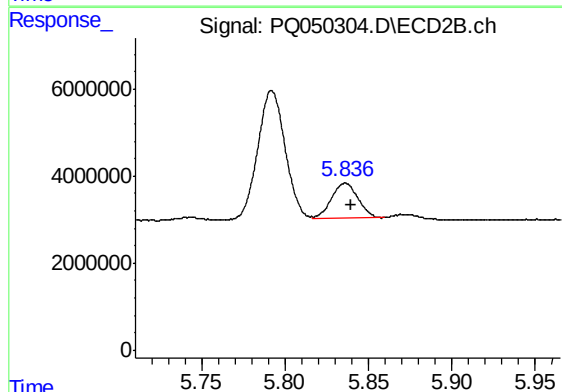
R.T.: 5.792 min
Delta R.T.: 0.048 min
Response: 33862264
Conc: 366.46 ng/ml



#19 AR-1242-4

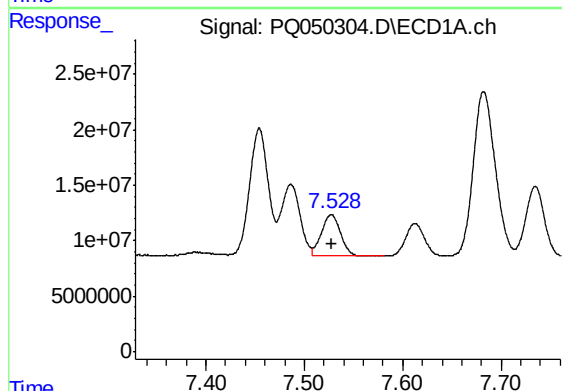
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254332



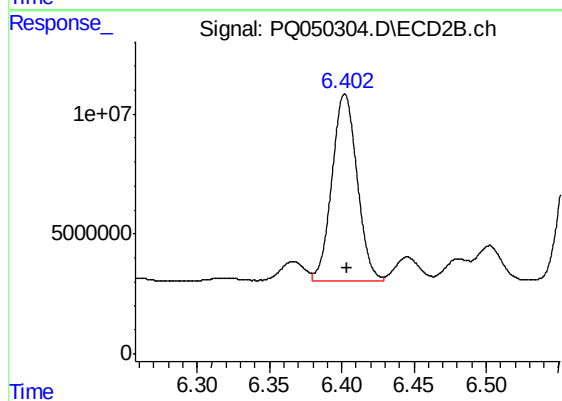
#19 AR-1242-4

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 9004099
Conc: 100.62 ng/ml



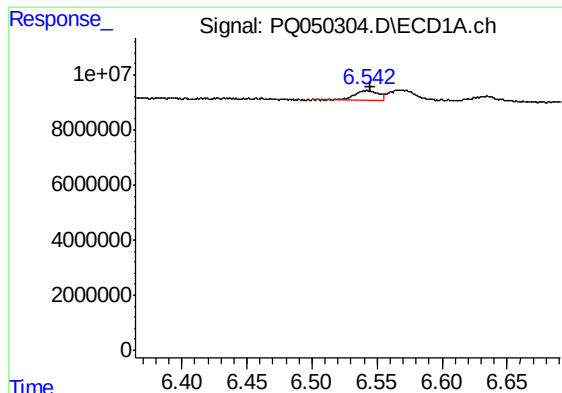
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 50411848
Conc: 261.70 ng/ml



#20 AR-1242-5

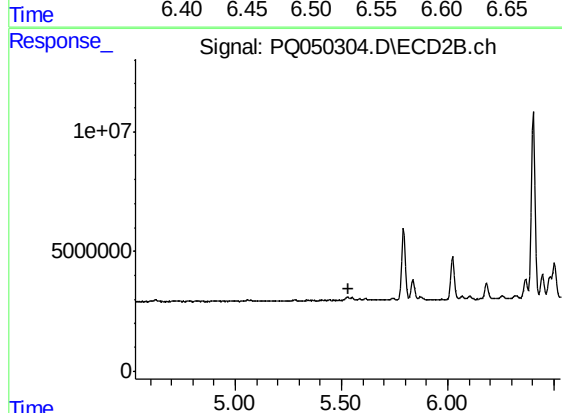
R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 94285148
Conc: 707.28 ng/ml



#21 AR-1248-1

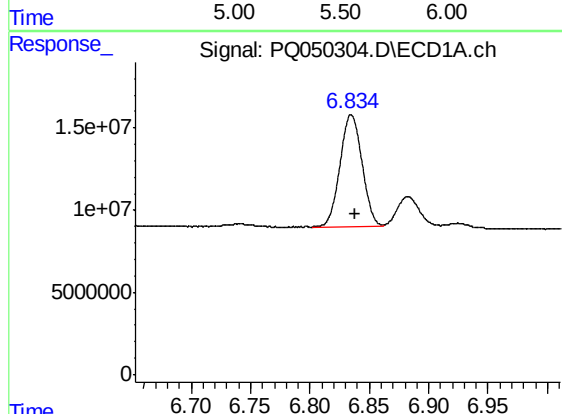
R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 4363432
Conc: 20.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



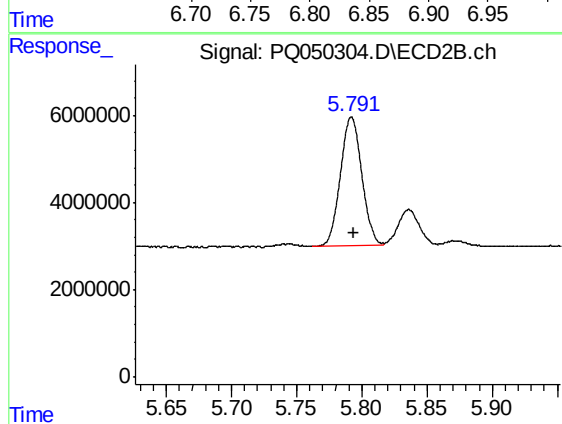
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.531 min
Response: 0
Conc: N.D.



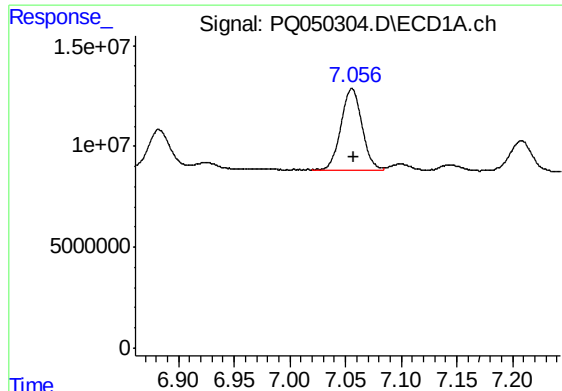
#22 AR-1248-2

R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 88426638
Conc: 319.28 ng/ml



#22 AR-1248-2

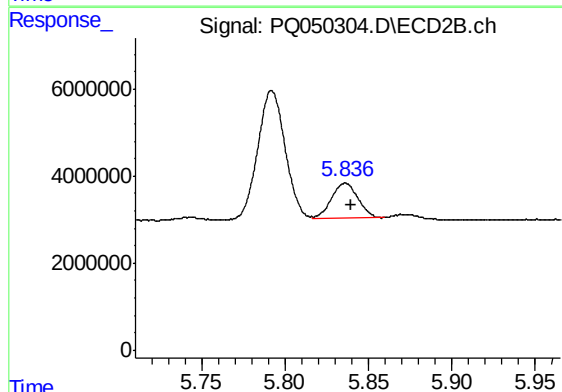
R.T.: 5.792 min
Delta R.T.: -0.002 min
Response: 33862264
Conc: 259.76 ng/ml



#23 AR-1248-3

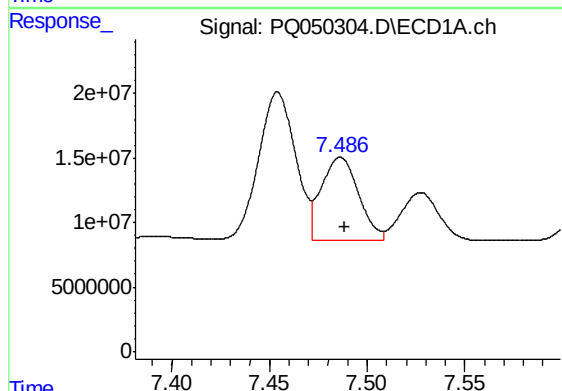
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 53046778
Conc: 176.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



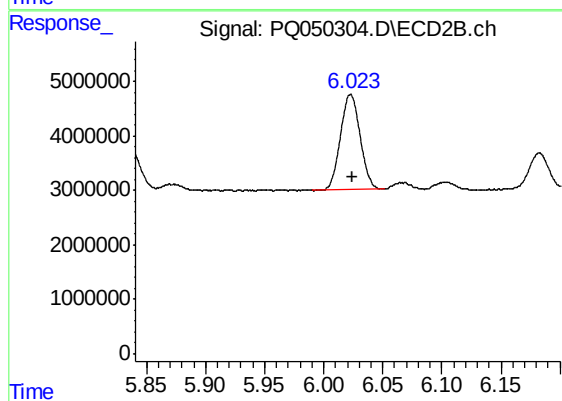
#23 AR-1248-3

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 9004099
Conc: 67.88 ng/ml



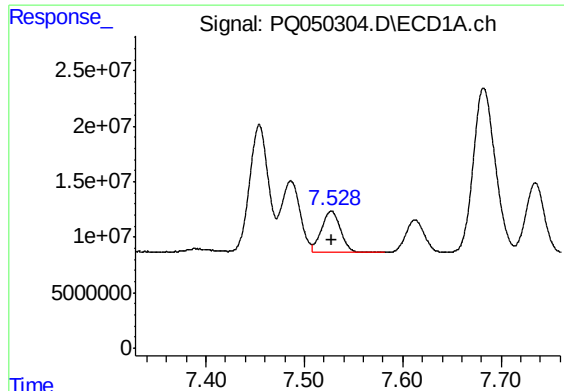
#24 AR-1248-4

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 85296792
Conc: 255.01 ng/ml



#24 AR-1248-4

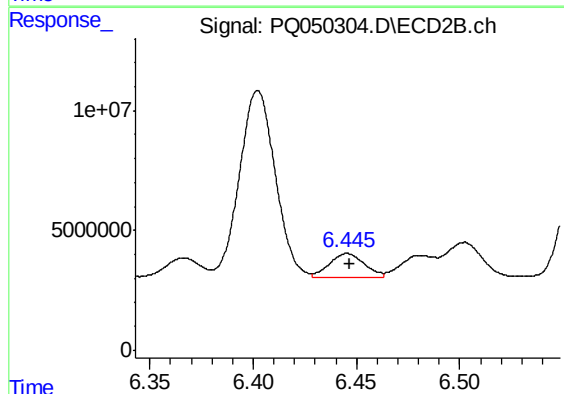
R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 20192536
Conc: 122.29 ng/ml



#25 AR-1248-5

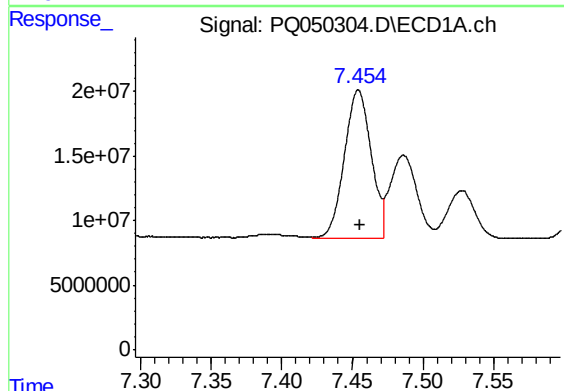
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 50411848
Conc: 160.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



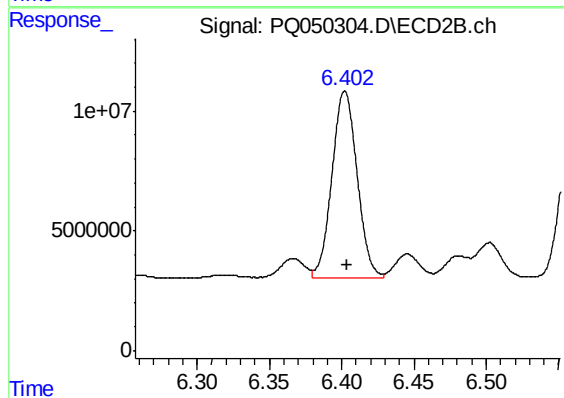
#25 AR-1248-5

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 11625068
Conc: 64.14 ng/ml



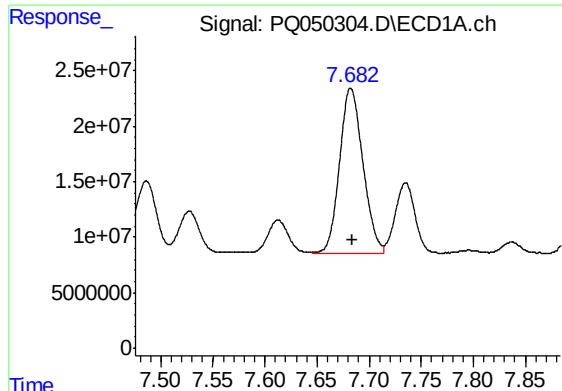
#26 AR-1254-1

R.T.: 7.454 min
Delta R.T.: -0.001 min
Response: 151760962
Conc: 460.08 ng/ml



#26 AR-1254-1

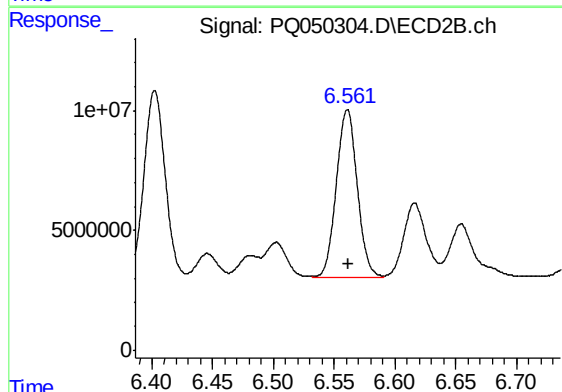
R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 94285148
Conc: 340.25 ng/ml



#27 AR-1254-2

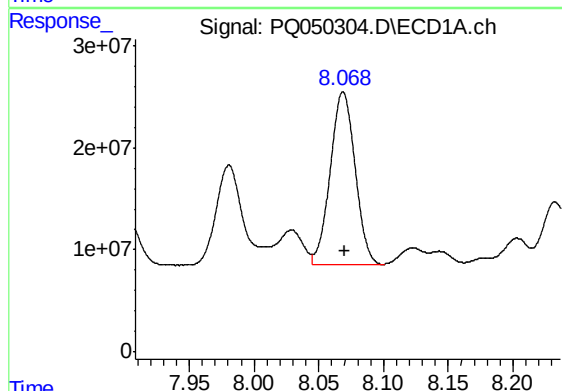
R.T.: 7.682 min
Delta R.T.: -0.001 min
Response: 231386088
Conc: 475.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



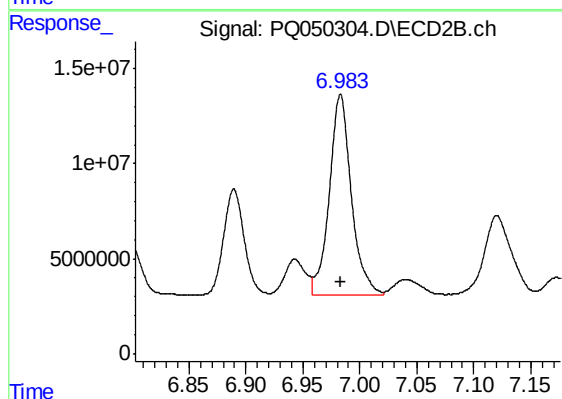
#27 AR-1254-2

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 83407635
Conc: 337.24 ng/ml



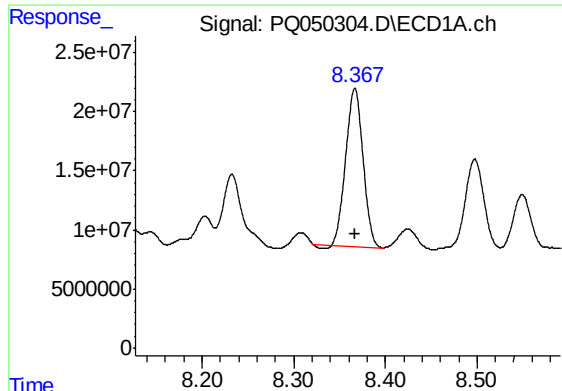
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: -0.001 min
Response: 227063269
Conc: 467.09 ng/ml



#28 AR-1254-3

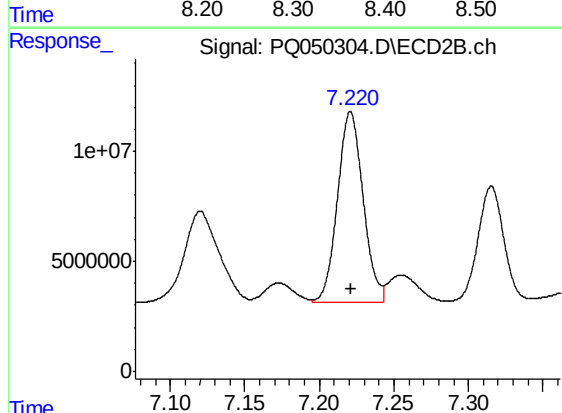
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 141039895
Conc: 343.87 ng/ml



#29 AR-1254-4

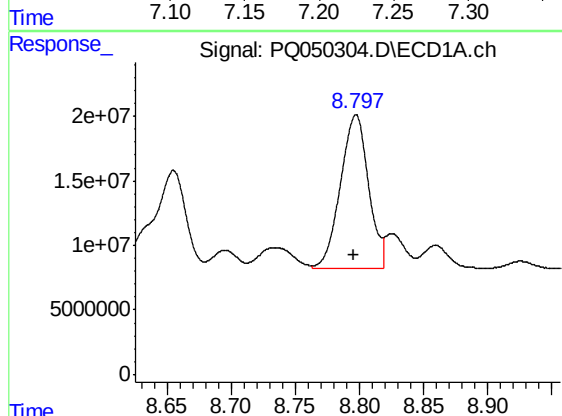
R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 174845923
Conc: 460.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



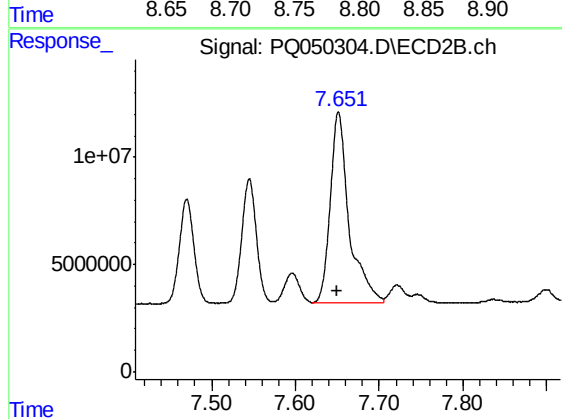
#29 AR-1254-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 103751617
Conc: 343.02 ng/ml



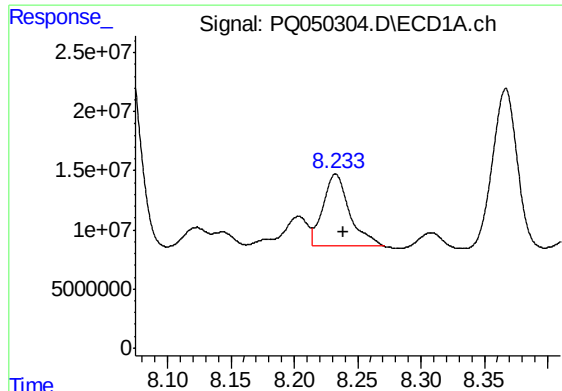
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.001 min
Response: 179057023
Conc: 479.14 ng/ml



#30 AR-1254-5

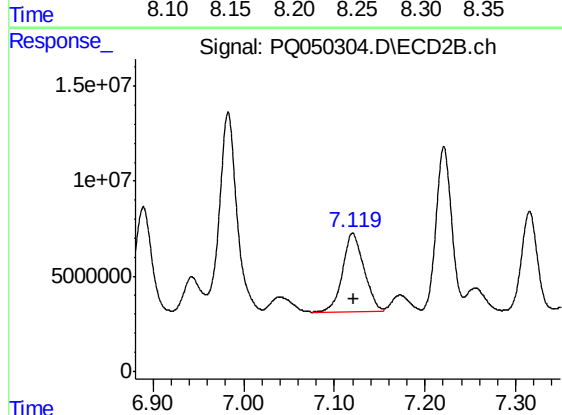
R.T.: 7.651 min
Delta R.T.: 0.001 min
Response: 139510185
Conc: 347.87 ng/ml



#31 AR-1260-1

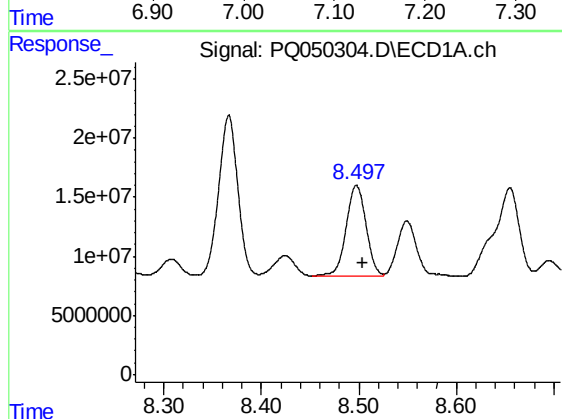
R.T.: 8.233 min
Delta R.T.: -0.006 min
Response: 87683651
Conc: 269.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



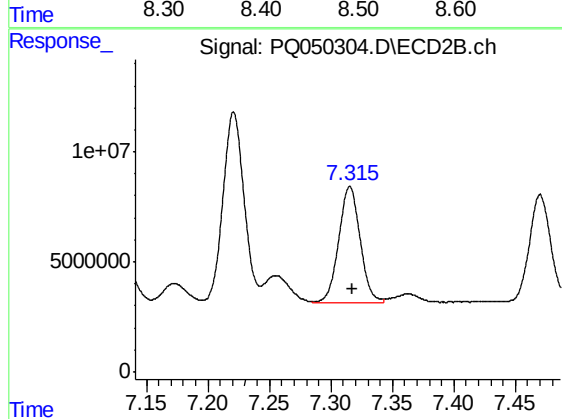
#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: -0.002 min
Response: 68160089
Conc: 278.14 ng/ml



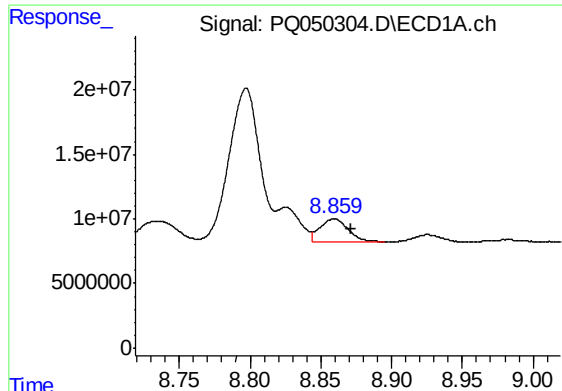
#32 AR-1260-2

R.T.: 8.498 min
Delta R.T.: -0.007 min
Response: 109109961
Conc: 281.91 ng/ml



#32 AR-1260-2

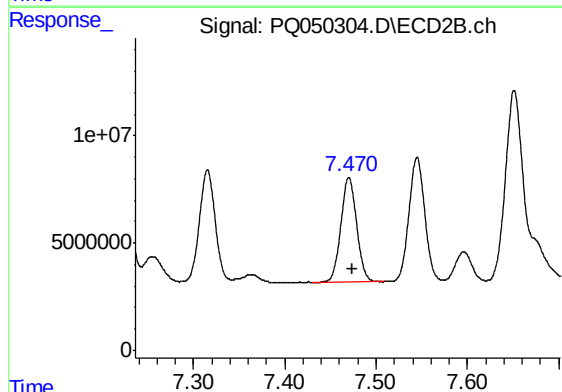
R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 63878208
Conc: 181.13 ng/ml



#33 AR-1260-3

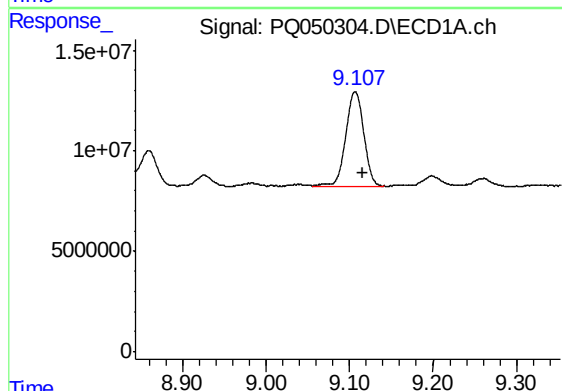
R.T.: 8.859 min
Delta R.T.: -0.012 min
Response: 24051972
Conc: 80.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



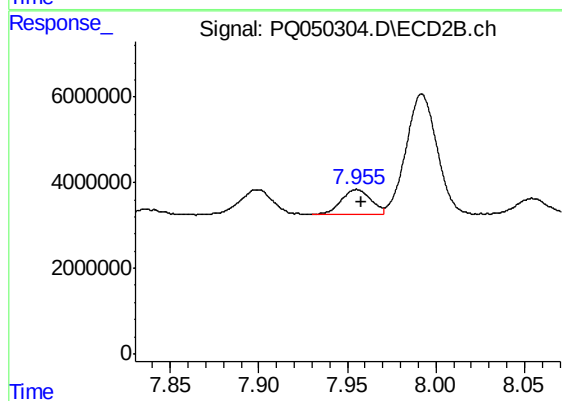
#33 AR-1260-3

R.T.: 7.470 min
Delta R.T.: -0.004 min
Response: 58502067
Conc: 194.15 ng/ml



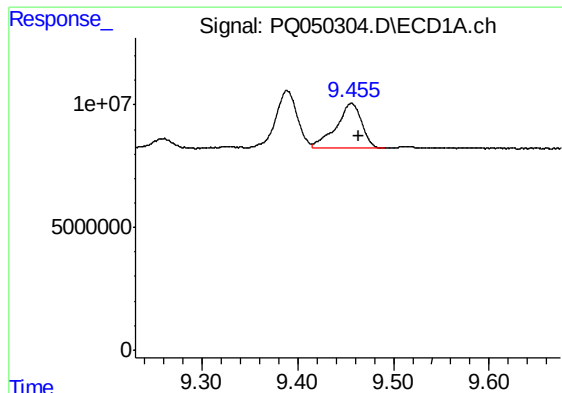
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.010 min
Response: 71130680
Conc: 220.64 ng/ml



#34 AR-1260-4

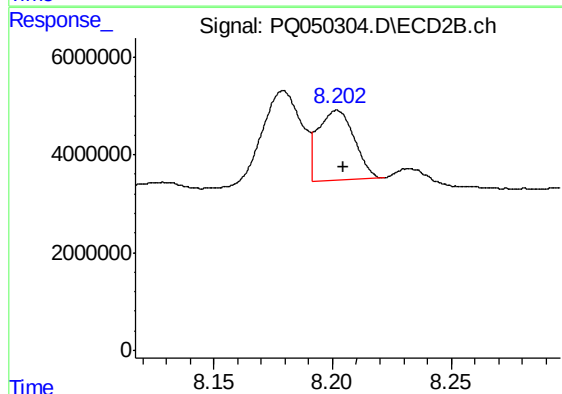
R.T.: 7.955 min
Delta R.T.: -0.003 min
Response: 6944927
Conc: 25.47 ng/ml



#35 AR-1260-5

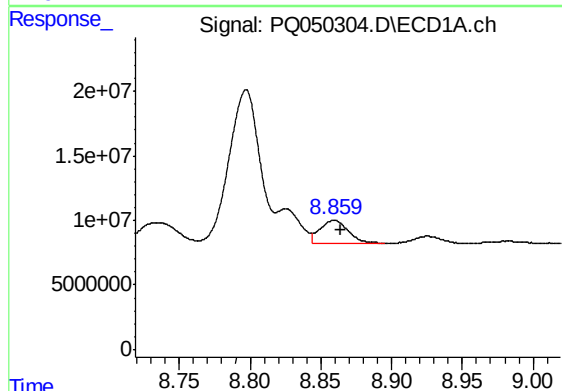
R.T.: 9.456 min
Delta R.T.: -0.008 min
Response: 34148971
Conc: 50.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



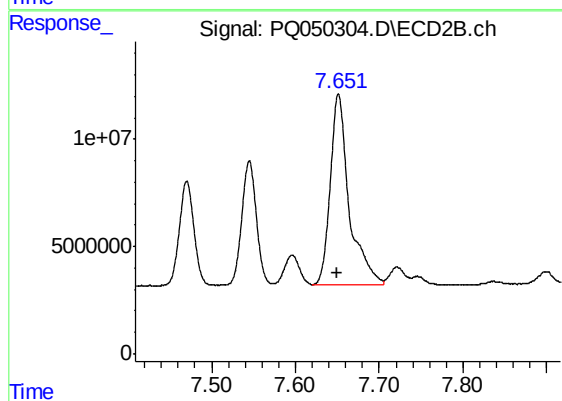
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.003 min
Response: 15099317
Conc: 19.59 ng/ml



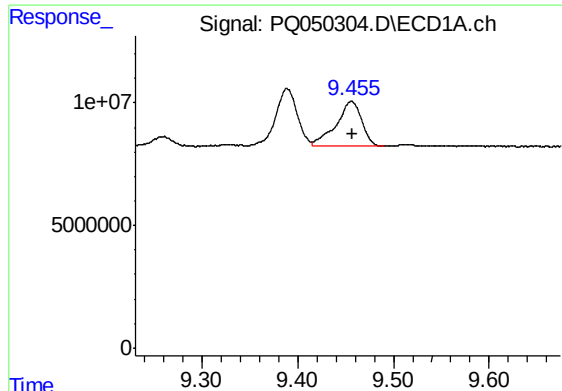
#36 AR-1262-1

R.T.: 8.859 min
Delta R.T.: -0.005 min
Response: 24051972
Conc: 55.14 ng/ml



#36 AR-1262-1

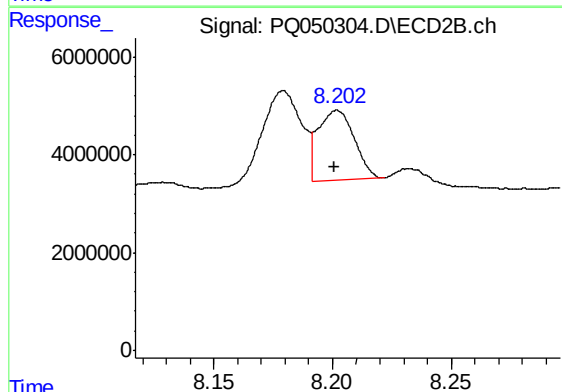
R.T.: 7.651 min
Delta R.T.: 0.001 min
Response: 139510185
Conc: 671.83 ng/ml



#37 AR-1262-2

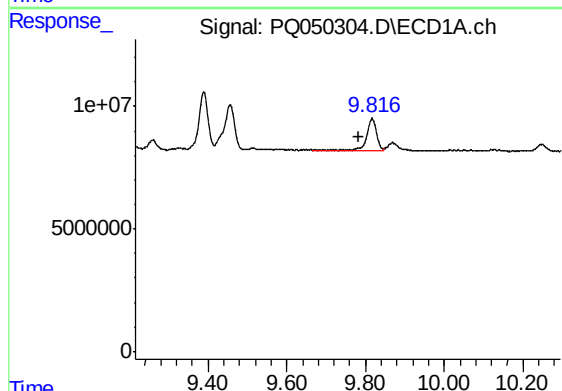
R.T.: 9.456 min
Delta R.T.: 0.000 min
Response: 34148971
Conc: 44.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



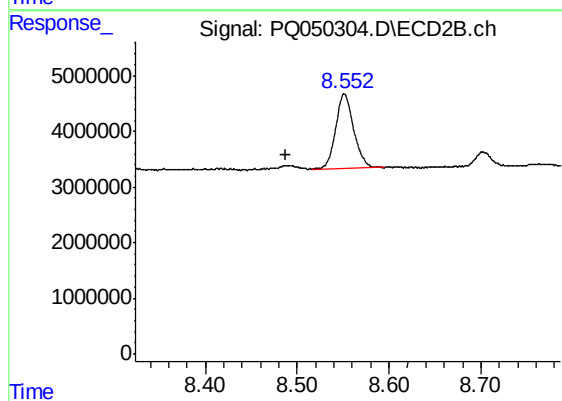
#37 AR-1262-2

R.T.: 8.202 min
Delta R.T.: 0.001 min
Response: 15099317
Conc: 17.02 ng/ml



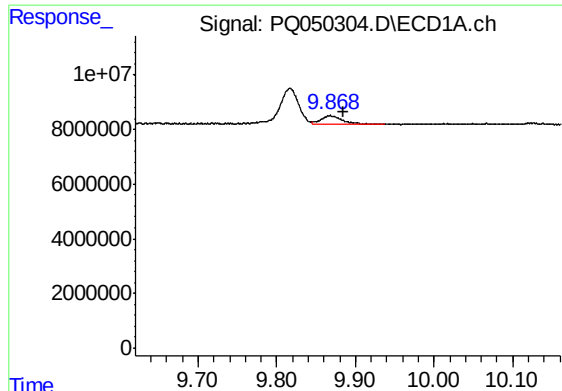
#38 AR-1262-3

R.T.: 9.817 min
Delta R.T.: 0.033 min
Response: 22644313
Conc: 61.88 ng/ml



#38 AR-1262-3

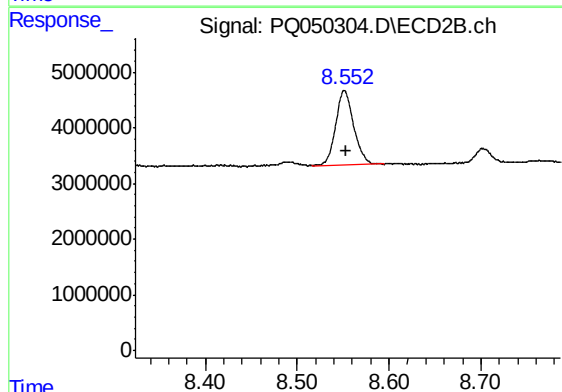
R.T.: 8.551 min
Delta R.T.: 0.063 min
Response: 18208522
Conc: 49.37 ng/ml



#39 AR-1262-4

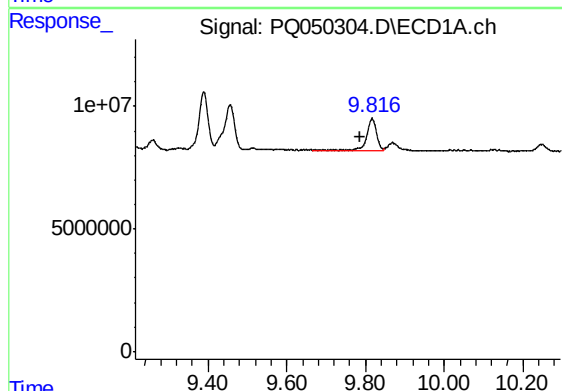
R.T.: 9.868 min
Delta R.T.: -0.017 min
Response: 6020468
Conc: 13.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



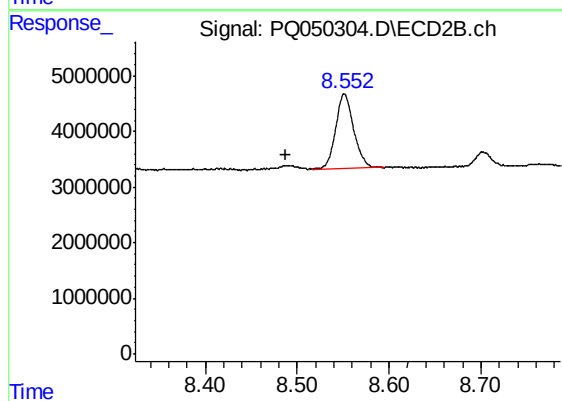
#39 AR-1262-4

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 18208522
Conc: 28.51 ng/ml



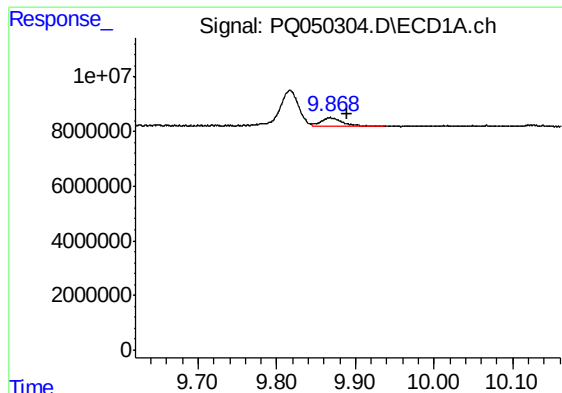
#41 AR-1268-1

R.T.: 9.817 min
Delta R.T.: 0.032 min
Response: 22644313
Conc: 23.56 ng/ml



#41 AR-1268-1

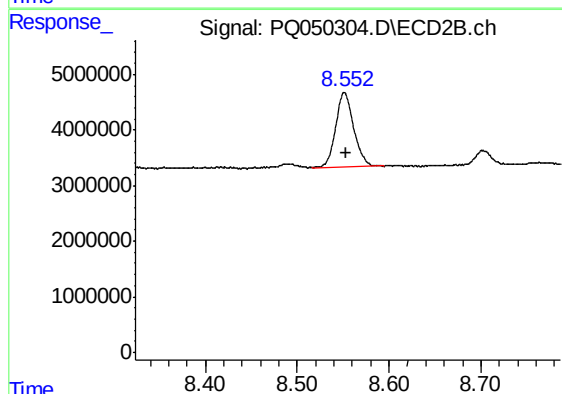
R.T.: 8.551 min
Delta R.T.: 0.064 min
Response: 18208522
Conc: 16.24 ng/ml



#42 AR-1268-2

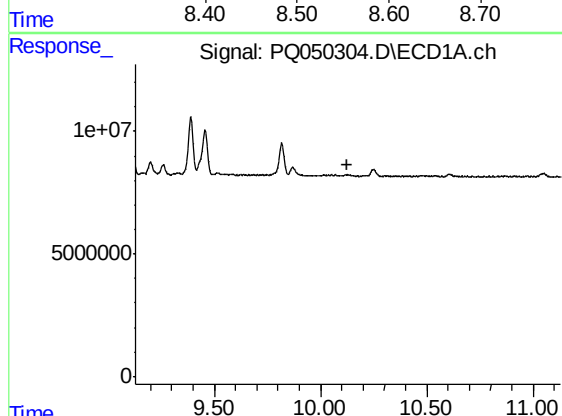
R.T.: 9.868 min
Delta R.T.: -0.021 min
Response: 6020468
Conc: 6.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



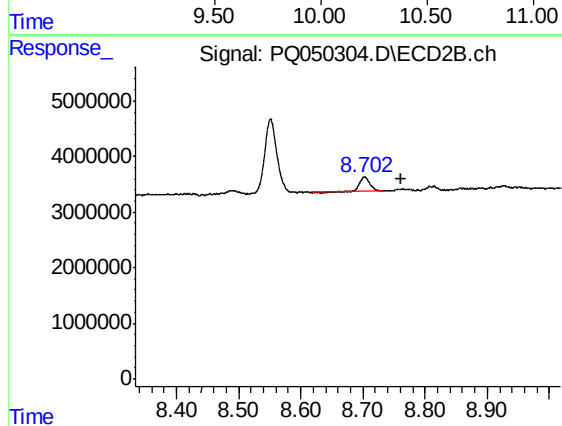
#42 AR-1268-2

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 18208522
Conc: 18.76 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.128 min
Response: 0
Conc: N.D.



#43 AR-1268-3

R.T.: 8.702 min
Delta R.T.: -0.060 min
Response: 3190102
Conc: 3.84 ng/ml