

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022321\
 Data File : PQ052414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2021 10:31
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254390

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 05:57:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.229	4.244	540.7E6	188.3E6	22.018	22.447
2)	SA Decachlor...	11.423	9.590	852.6E6	328.8E6	41.601	42.633
Target Compounds							
3)	L1 AR-1016-1	6.554	5.504	9520479	3458828	11.849	11.229
4)	L1 AR-1016-2	6.579	5.524	11692443	3109101	9.904	7.251 #
5)	L1 AR-1016-3	6.644	5.718	6312539	1447324	8.845	6.607 #
6)	L1 AR-1016-4	6.751	5.767	4894797	76007589	8.131	453.878 #
7)	L1 AR-1016-5	7.066	5.997	118.1E6	45075836	209.885	211.073
9)	L2 AR-1221-2	5.584	4.602	7643324	1958706	43.454	30.955 #
10)	L2 AR-1221-3	5.666	4.692	6519425	703885	11.072	3.264 #
11)	L3 AR-1232-1	5.666	4.692	6519425	703885	13.267	3.892 #
12)	L3 AR-1232-2	6.258	5.524	6160347	3109101	23.936	15.748 #
13)	L3 AR-1232-3	6.579	5.718	11692443	1447324	22.226	14.713 #
14)	L3 AR-1232-4	6.751	5.811	4894797	20692571	18.672	249.997 #
15)	L3 AR-1232-5	6.847	5.997	197.7E6	45075836	1070.329	506.650 #
16)	L4 AR-1242-1	6.554	5.504	9520479	3458828	13.853	13.130
17)	L4 AR-1242-2	6.579	5.524	11692443	3109101	11.581	8.462 #
18)	L4 AR-1242-3	6.644	5.718	6312539	1447324	10.395	7.592 #
19)	L4 AR-1242-4	6.751	5.811	4894797	20692571	9.626	117.165 #
20)	L4 AR-1242-5	7.537	6.377	109.5E6	208.9E6	194.041	833.282 #
21)	L5 AR-1248-1	6.554	5.504	9520479	3458828	17.383	16.820
22)	L5 AR-1248-2	6.847	5.767	197.7E6	76007589	257.254	281.215
23)	L5 AR-1248-3	7.066	5.811	118.1E6	20692571	133.751	74.207 #
24)	L5 AR-1248-4	7.495	5.997	178.7E6	45075836	171.907	135.466
25)	L5 AR-1248-5	7.537	6.420	109.5E6	24835396	106.865	69.460 #
26)	L6 AR-1254-1	7.465	6.377	354.7E6	208.9E6	357.057	391.748
27)	L6 AR-1254-2	7.692	6.536	559.3E6	180.9E6	361.863	396.206
28)	L6 AR-1254-3	8.076	6.958	604.5E6	294.9E6	357.631	392.087
29)	L6 AR-1254-4	8.370	7.196	444.5E6	195.6E6	354.366	387.700
30)	L6 AR-1254-5	8.799	7.625	460.0E6	262.2E6	342.307	385.492
31)	L7 AR-1260-1	8.242	7.095	228.1E6	134.5E6	228.255	328.441 #
32)	L7 AR-1260-2	8.504	7.289	259.9E6	123.7E6	211.602	233.009
33)	L7 AR-1260-3	8.863	7.445	53915933	113.5E6	58.957	237.388 #
34)	L7 AR-1260-4	9.108	7.930	173.2E6	11364989	160.776	28.059 #
35)	L7 AR-1260-5	9.460	8.174	80926769	31692769	35.667	29.435
36)	L8 AR-1262-1	8.863	7.625	53915933	262.2E6	34.244	759.288 #
37)	L8 AR-1262-2	9.460	8.174	80926769	31692769	27.013	23.632
38)	L8 AR-1262-3	9.820	8.462	56353783	-590280	28.309	N.D. #
39)	L8 AR-1262-4	9.872	8.524	13622703	27594997	8.952	28.240 #
40)	L8 AR-1262-5	10.606	9.030	3814424	2291863	3.506	5.057 #
41)	L9 AR-1268-1	9.820	8.462	56353783	-590280	16.031	N.D. #
42)	L9 AR-1268-2	9.872	8.524	13622703	27594997	4.148	18.511 #
43)	L9 AR-1268-3	10.132	8.734	1790533	1251035	0.644	0.998 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022321\
 Data File : PQ052414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2021 10:31
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

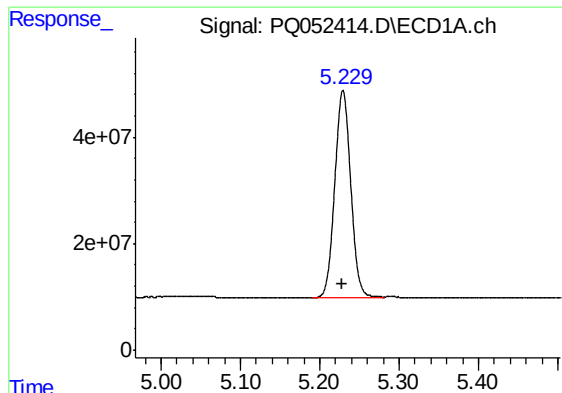
Instrument :
 ECD_Q
 ClientSampleId :
 AR1254390

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 05:57:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.606	9.030	3814424	2291863	3.128	4.385 #
45) L9	AR-1268-5	11.060	9.330	7935556	2869982	0.812	0.714

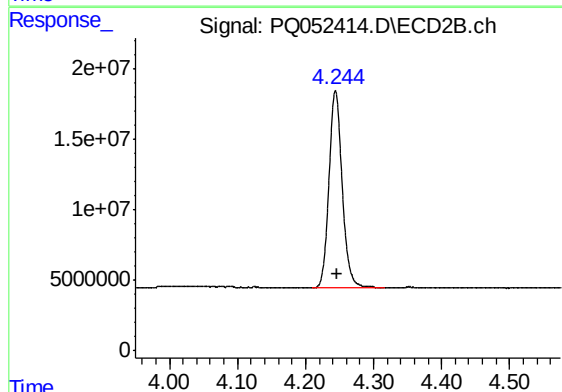
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

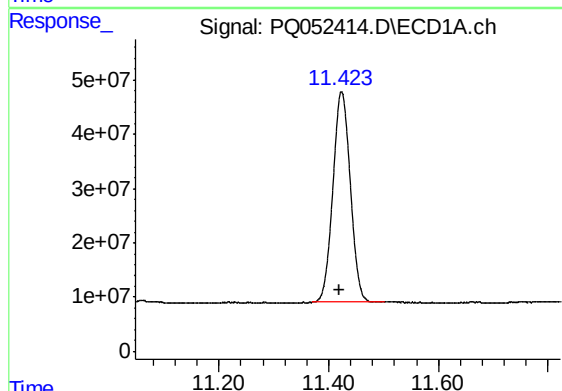
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 540724655
Conc: 22.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



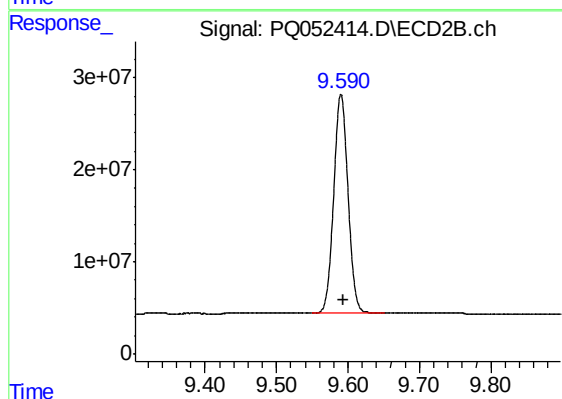
#1 Tetrachloro-m-xylene

R.T.: 4.244 min
Delta R.T.: -0.003 min
Response: 188292116
Conc: 22.45 ng/ml



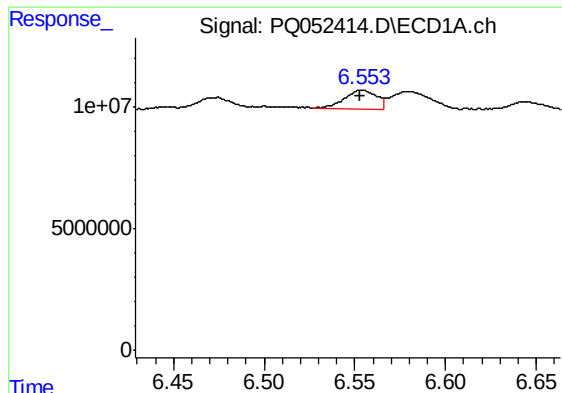
#2 Decachlorobiphenyl

R.T.: 11.423 min
Delta R.T.: 0.002 min
Response: 852607512
Conc: 41.60 ng/ml



#2 Decachlorobiphenyl

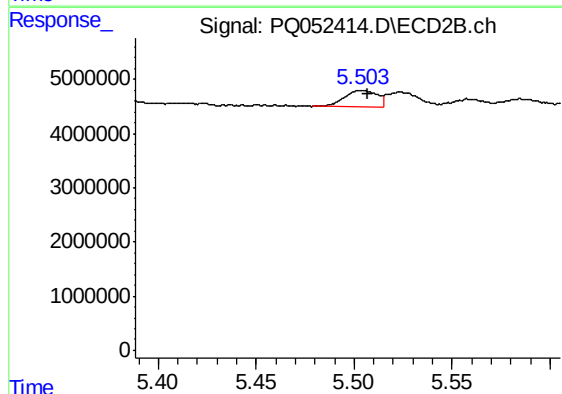
R.T.: 9.590 min
Delta R.T.: -0.004 min
Response: 328823867
Conc: 42.63 ng/ml



#3 AR-1016-1

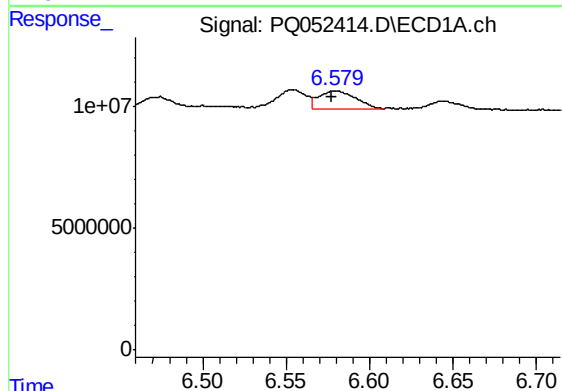
R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 9520479
Conc: 11.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



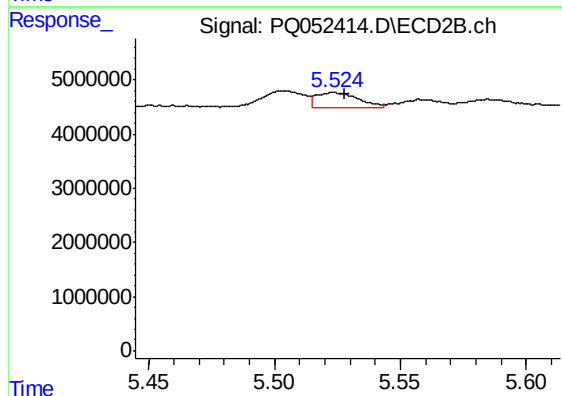
#3 AR-1016-1

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 3458828
Conc: 11.23 ng/ml



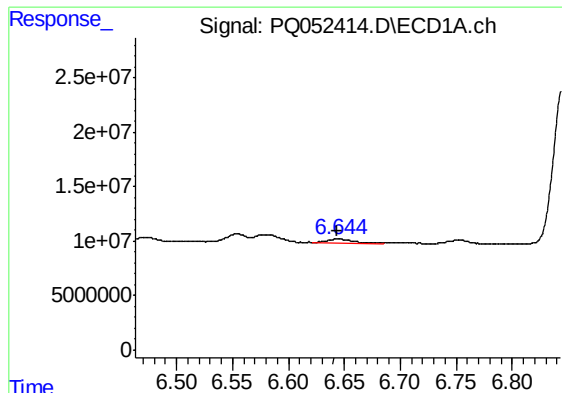
#4 AR-1016-2

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 11692443
Conc: 9.90 ng/ml



#4 AR-1016-2

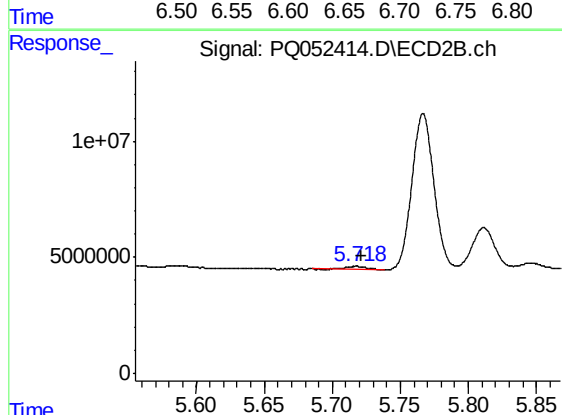
R.T.: 5.524 min
Delta R.T.: -0.004 min
Response: 3109101
Conc: 7.25 ng/ml



#5 AR-1016-3

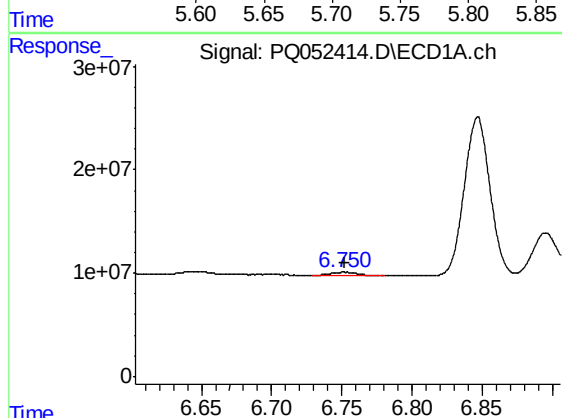
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 6312539
Conc: 8.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



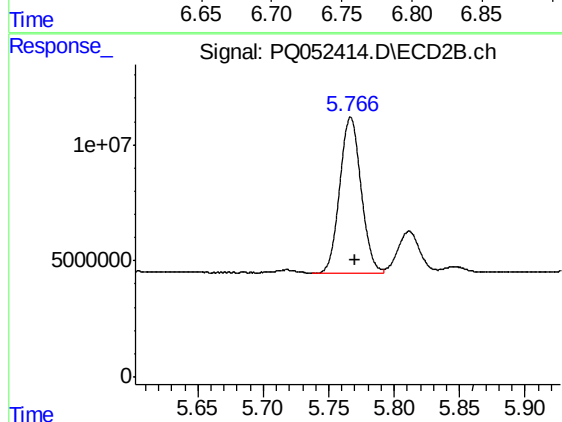
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 1447324
Conc: 6.61 ng/ml



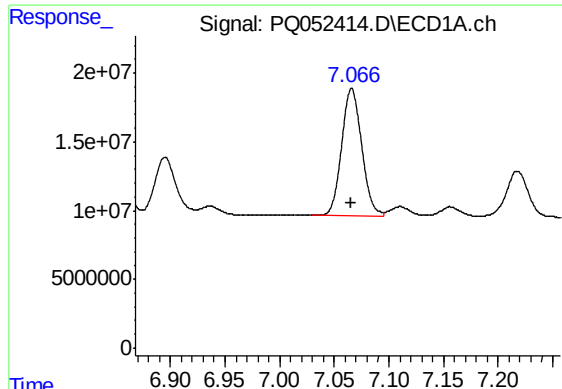
#6 AR-1016-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 4894797
Conc: 8.13 ng/ml



#6 AR-1016-4

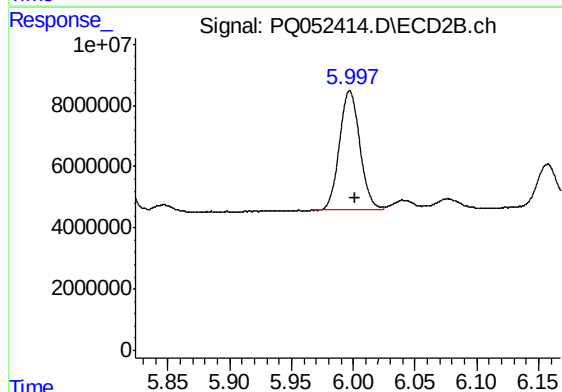
R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 76007589
Conc: 453.88 ng/ml



#7 AR-1016-5

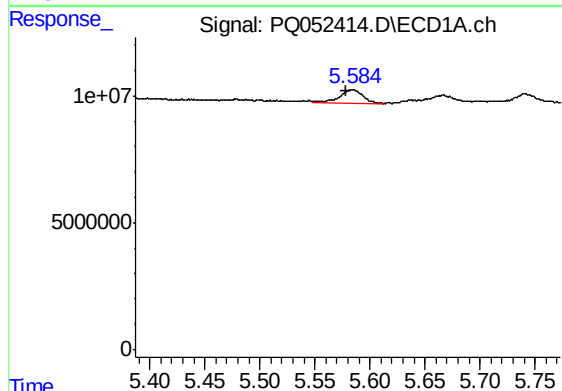
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 118091248
Conc: 209.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



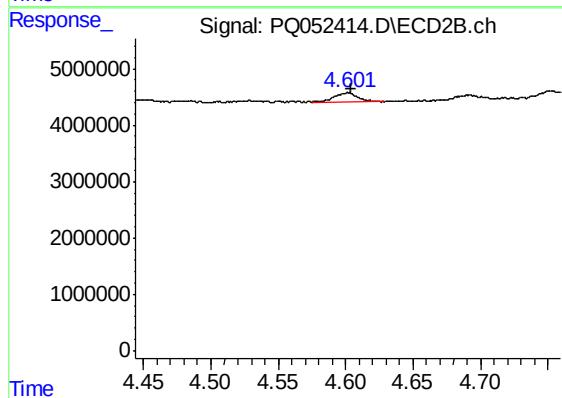
#7 AR-1016-5

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 45075836
Conc: 211.07 ng/ml



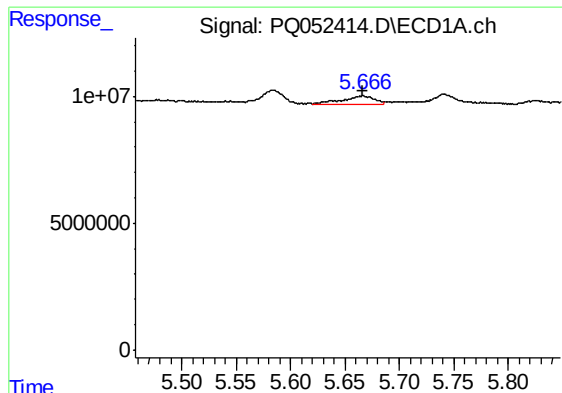
#9 AR-1221-2

R.T.: 5.584 min
Delta R.T.: 0.005 min
Response: 7643324
Conc: 43.45 ng/ml



#9 AR-1221-2

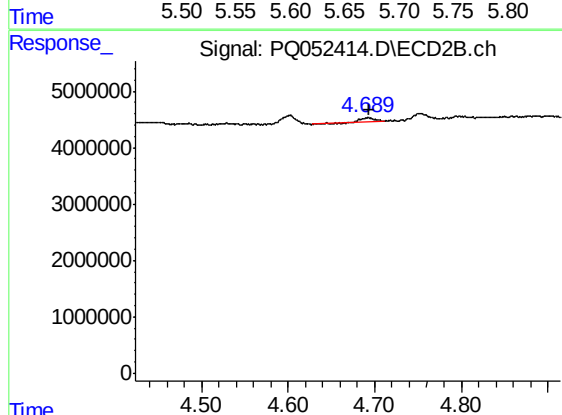
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 1958706
Conc: 30.95 ng/ml



#10 AR-1221-3

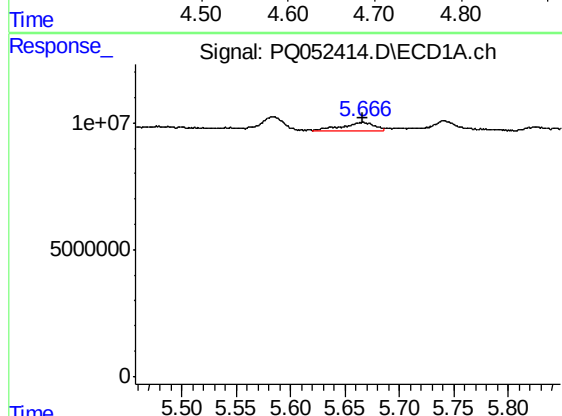
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 6519425
Conc: 11.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



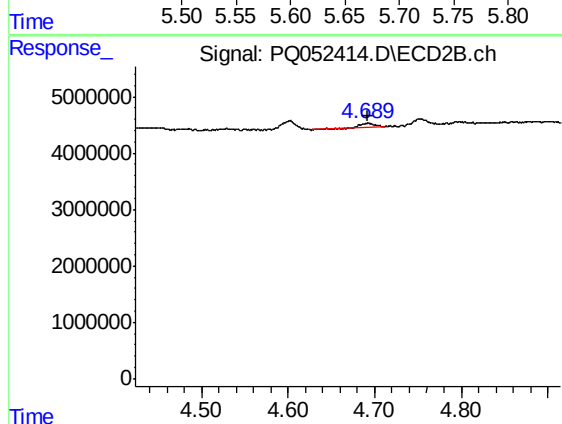
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 703885
Conc: 3.26 ng/ml



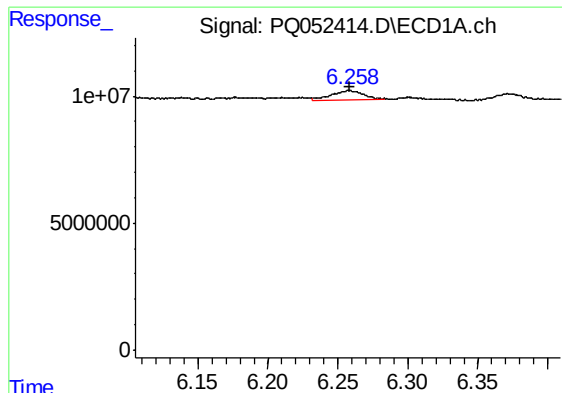
#11 AR-1232-1

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 6519425
Conc: 13.27 ng/ml



#11 AR-1232-1

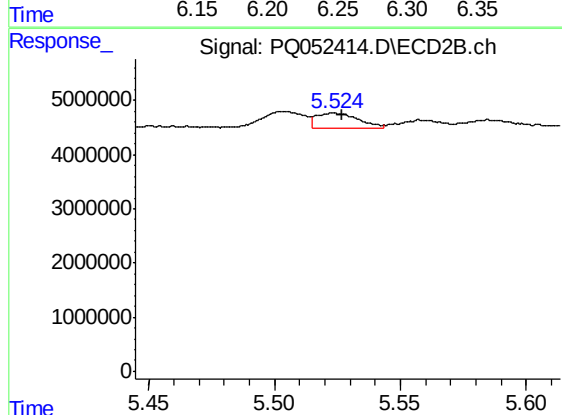
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 703885
Conc: 3.89 ng/ml



#12 AR-1232-2

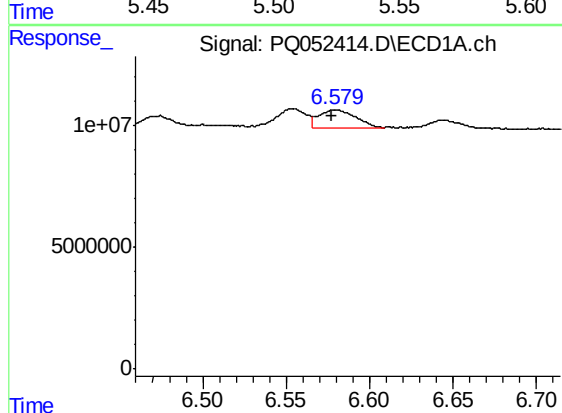
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 6160347
Conc: 23.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



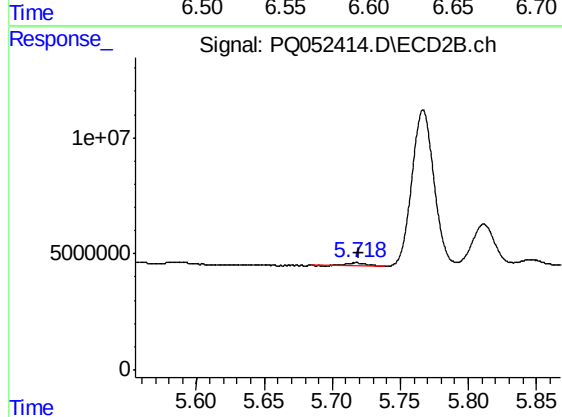
#12 AR-1232-2

R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 3109101
Conc: 15.75 ng/ml



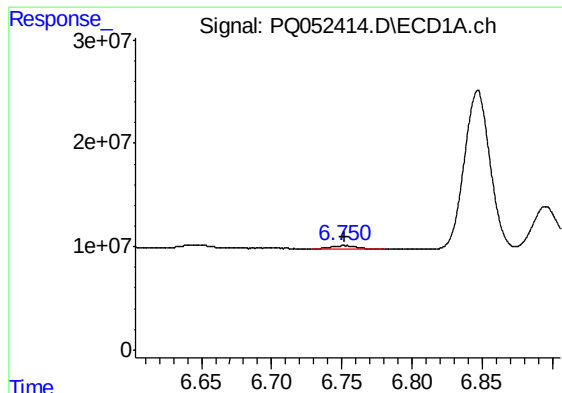
#13 AR-1232-3

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 11692443
Conc: 22.23 ng/ml



#13 AR-1232-3

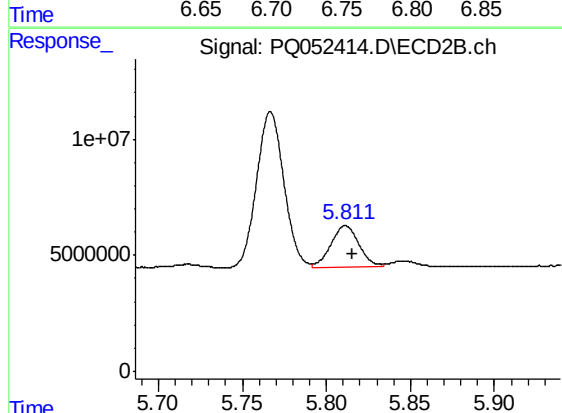
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1447324
Conc: 14.71 ng/ml



#14 AR-1232-4

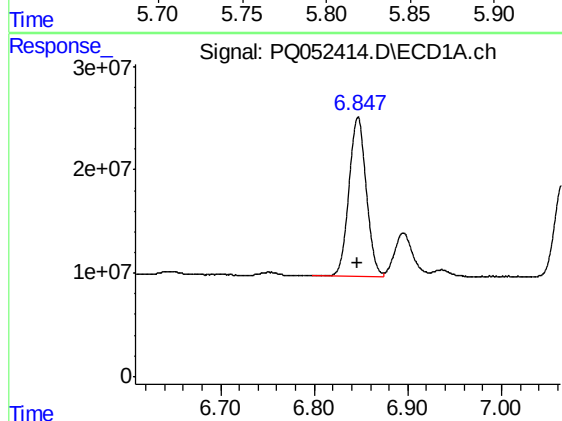
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 4894797
Conc: 18.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



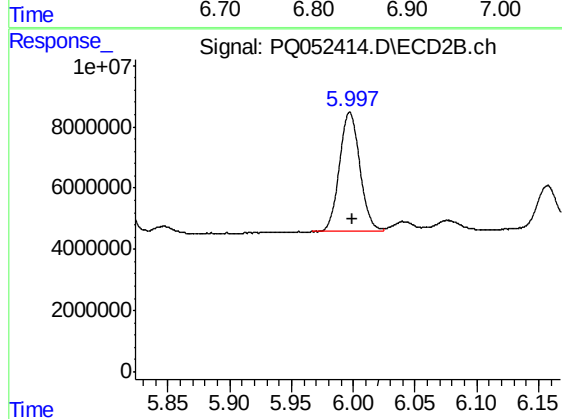
#14 AR-1232-4

R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 20692571
Conc: 250.00 ng/ml



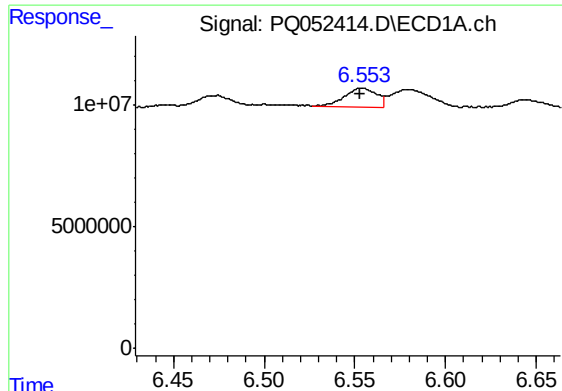
#15 AR-1232-5

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 197733668
Conc: 1070.33 ng/ml



#15 AR-1232-5

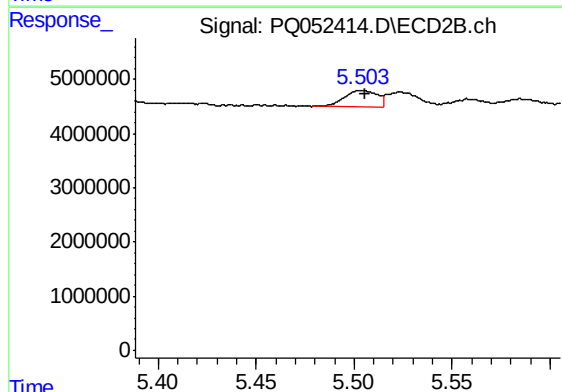
R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 45075836
Conc: 506.65 ng/ml



#16 AR-1242-1

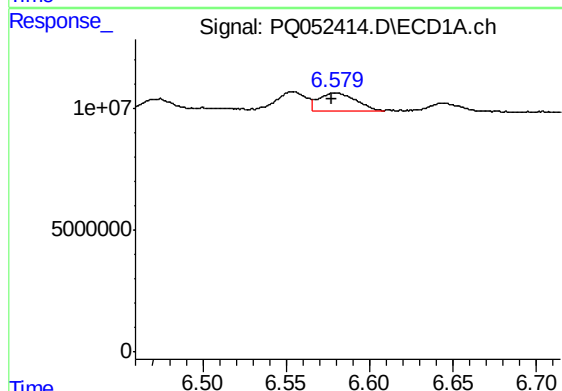
R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 9520479
Conc: 13.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



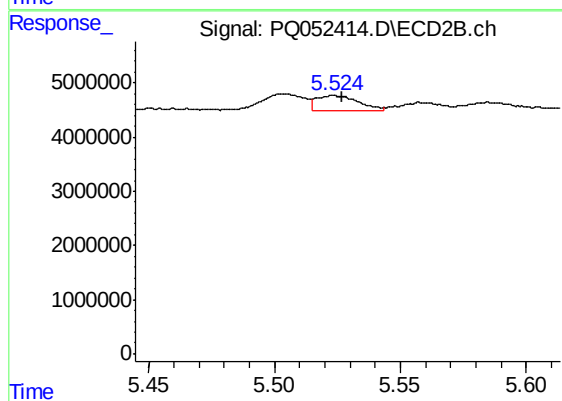
#16 AR-1242-1

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 3458828
Conc: 13.13 ng/ml



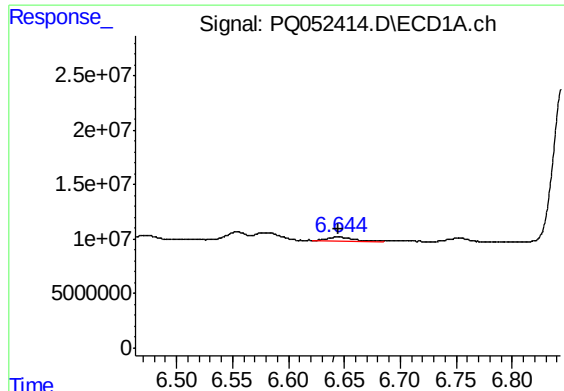
#17 AR-1242-2

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 11692443
Conc: 11.58 ng/ml



#17 AR-1242-2

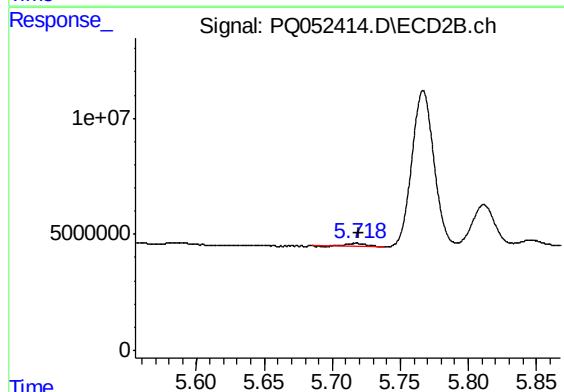
R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 3109101
Conc: 8.46 ng/ml



#18 AR-1242-3

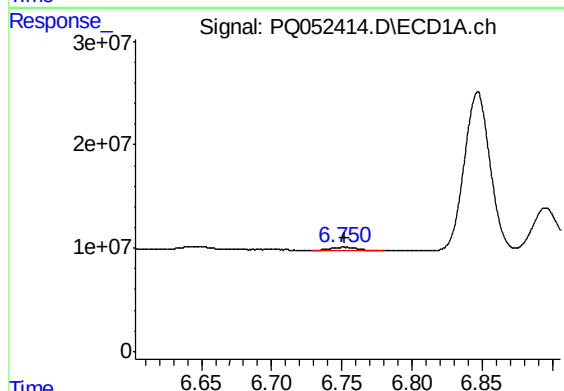
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 6312539
Conc: 10.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



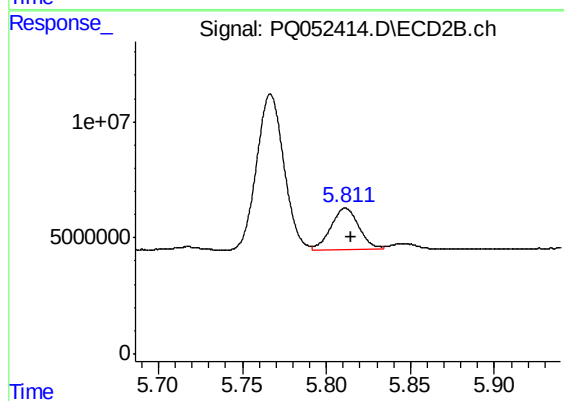
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 1447324
Conc: 7.59 ng/ml



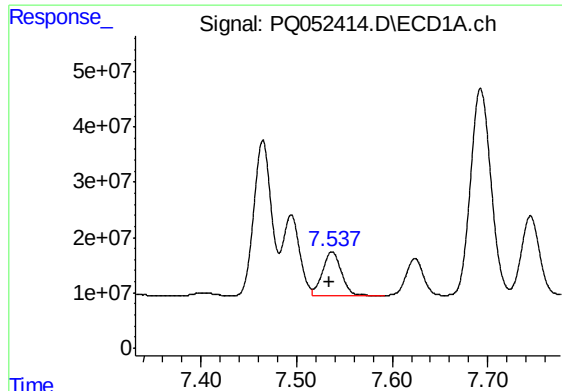
#19 AR-1242-4

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 4894797
Conc: 9.63 ng/ml



#19 AR-1242-4

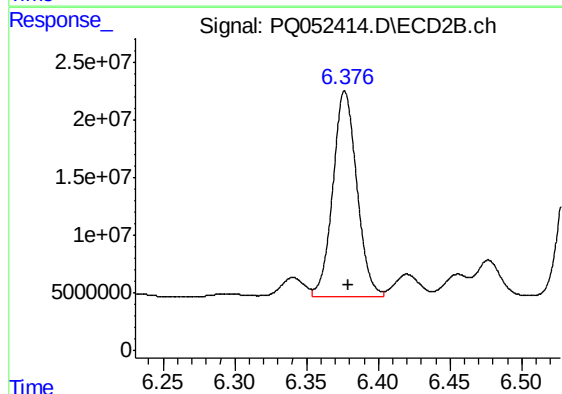
R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 20692571
Conc: 117.17 ng/ml



#20 AR-1242-5

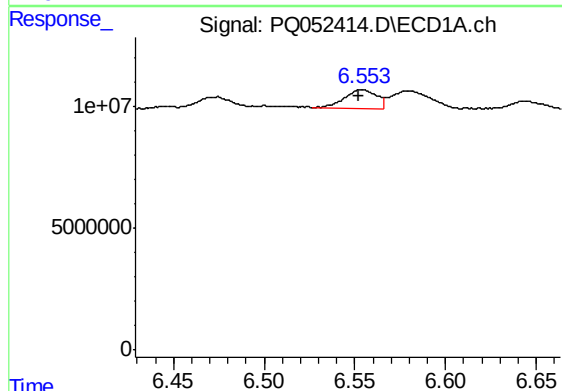
R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 109470751
Conc: 194.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



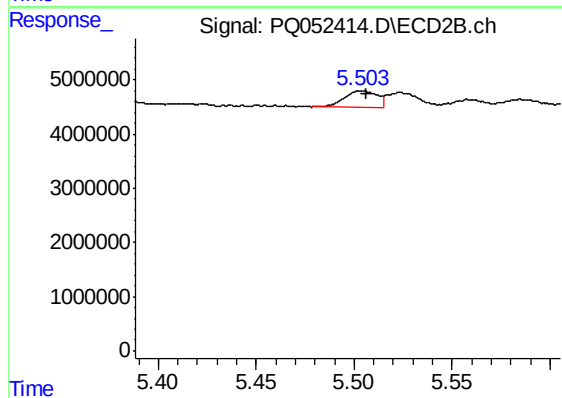
#20 AR-1242-5

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 208915338
Conc: 833.28 ng/ml



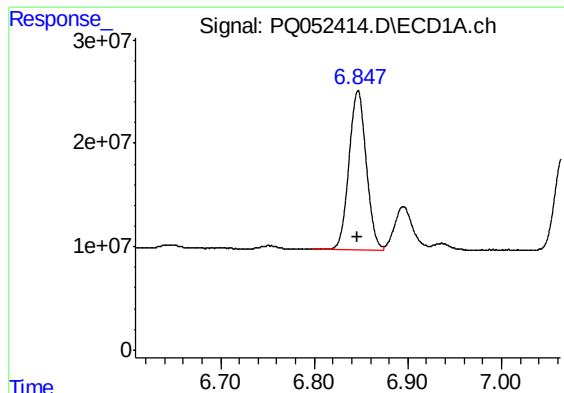
#21 AR-1248-1

R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: 9520479
Conc: 17.38 ng/ml



#21 AR-1248-1

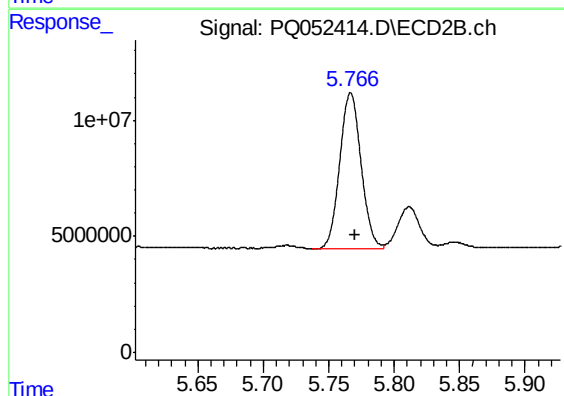
R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 3458828
Conc: 16.82 ng/ml



#22 AR-1248-2

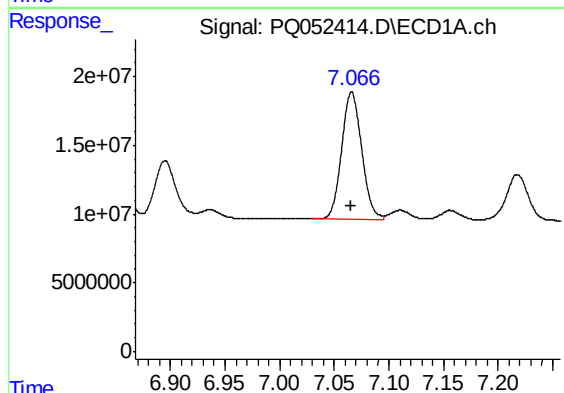
R.T.: 6.847 min
Delta R.T.: 0.001 min
Response: 197733668
Conc: 257.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



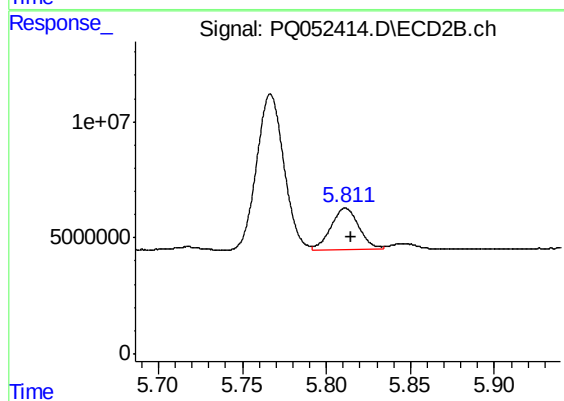
#22 AR-1248-2

R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 76007589
Conc: 281.21 ng/ml



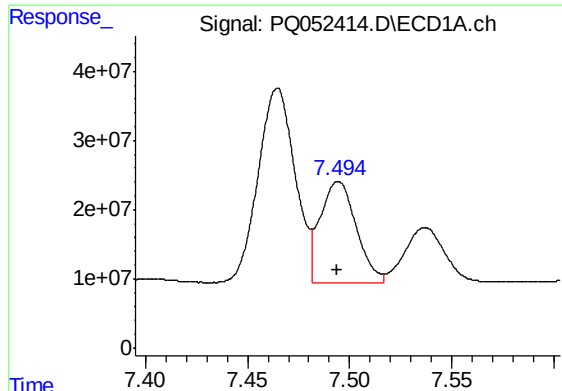
#23 AR-1248-3

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 118091248
Conc: 133.75 ng/ml



#23 AR-1248-3

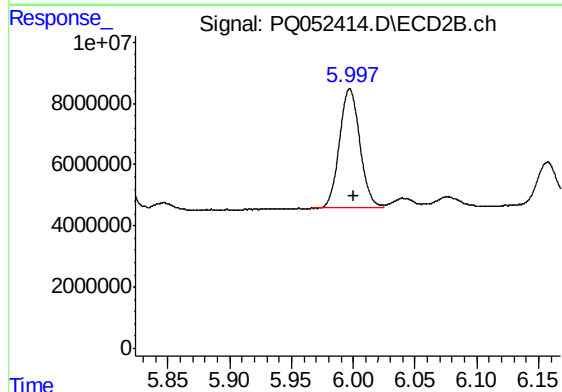
R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 20692571
Conc: 74.21 ng/ml



#24 AR-1248-4

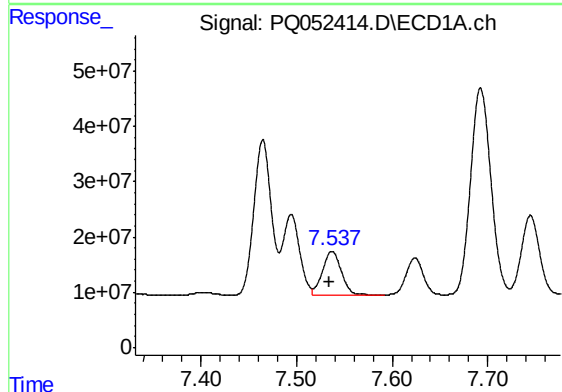
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 178728716
Conc: 171.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



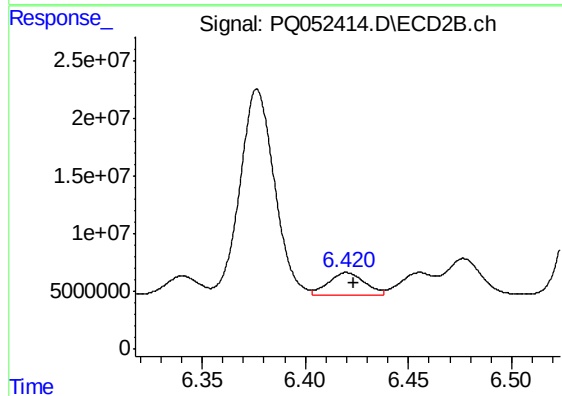
#24 AR-1248-4

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 45075836
Conc: 135.47 ng/ml



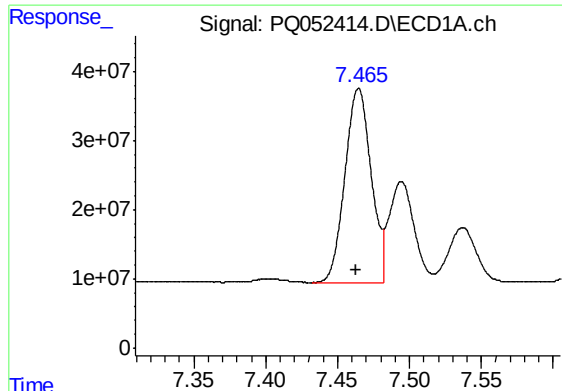
#25 AR-1248-5

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 109470751
Conc: 106.87 ng/ml



#25 AR-1248-5

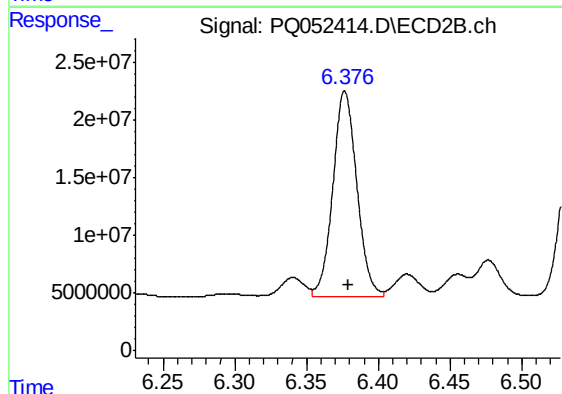
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 24835396
Conc: 69.46 ng/ml



#26 AR-1254-1

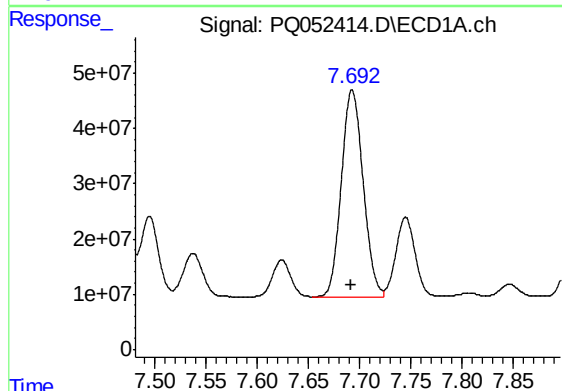
R.T.: 7.465 min
Delta R.T.: 0.002 min
Response: 354704342
Conc: 357.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



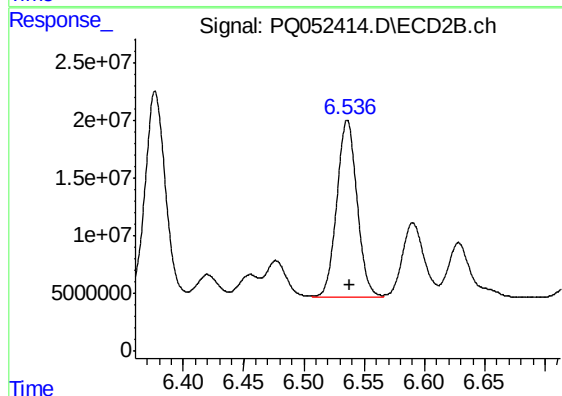
#26 AR-1254-1

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 208915338
Conc: 391.75 ng/ml



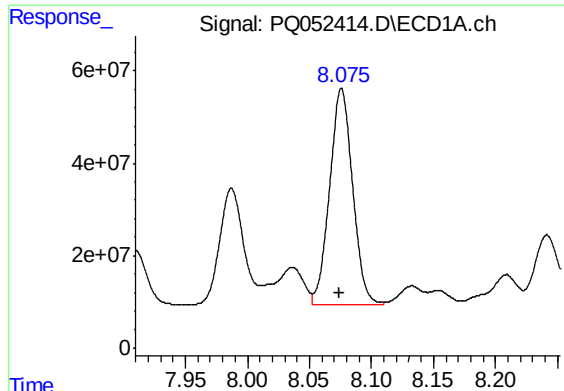
#27 AR-1254-2

R.T.: 7.692 min
Delta R.T.: 0.002 min
Response: 559304665
Conc: 361.86 ng/ml



#27 AR-1254-2

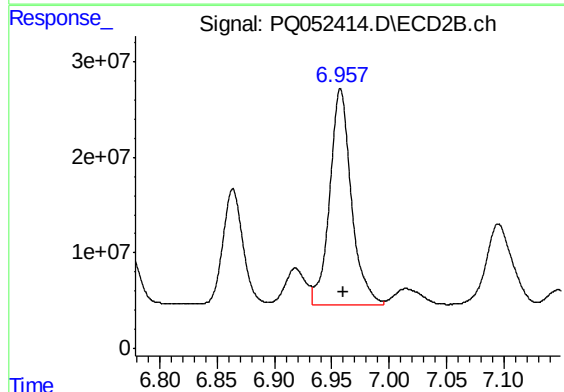
R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 180917691
Conc: 396.21 ng/ml



#28 AR-1254-3

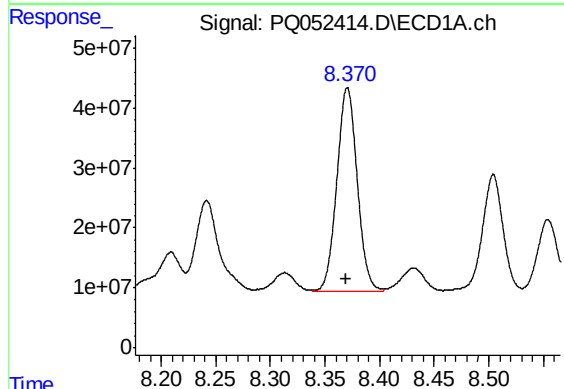
R.T.: 8.076 min
Delta R.T.: 0.002 min
Response: 604450822
Conc: 357.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



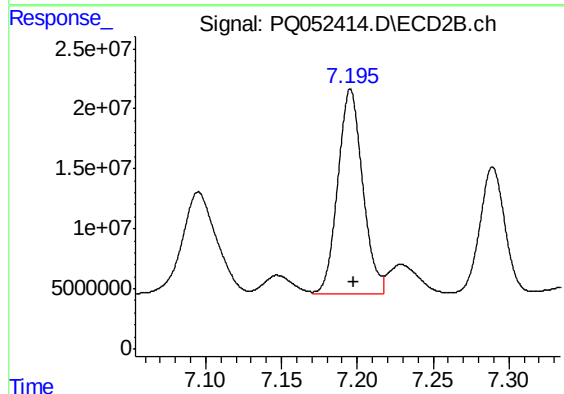
#28 AR-1254-3

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 294852871
Conc: 392.09 ng/ml



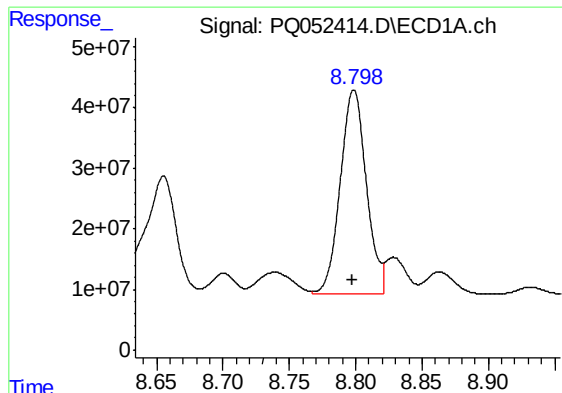
#29 AR-1254-4

R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 444483685
Conc: 354.37 ng/ml



#29 AR-1254-4

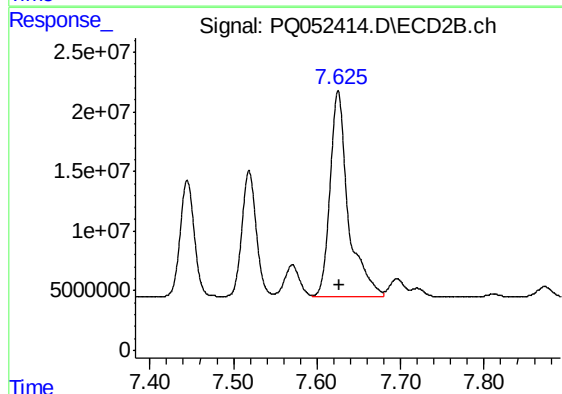
R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 195609622
Conc: 387.70 ng/ml



#30 AR-1254-5

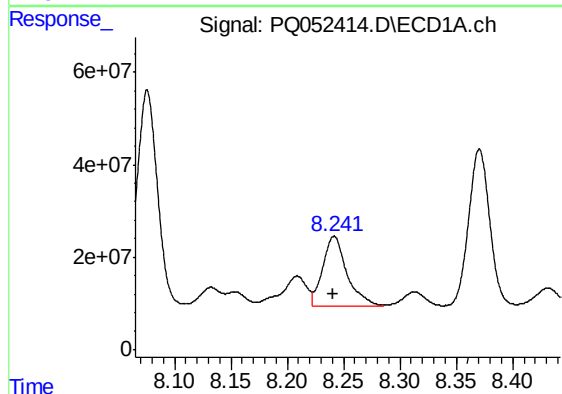
R.T.: 8.799 min
Delta R.T.: 0.001 min
Response: 459995466
Conc: 342.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



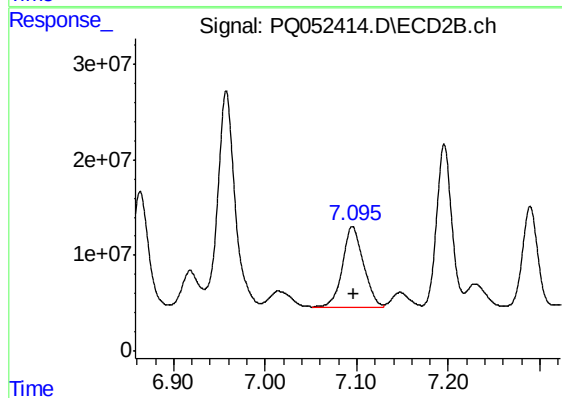
#30 AR-1254-5

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 262192597
Conc: 385.49 ng/ml



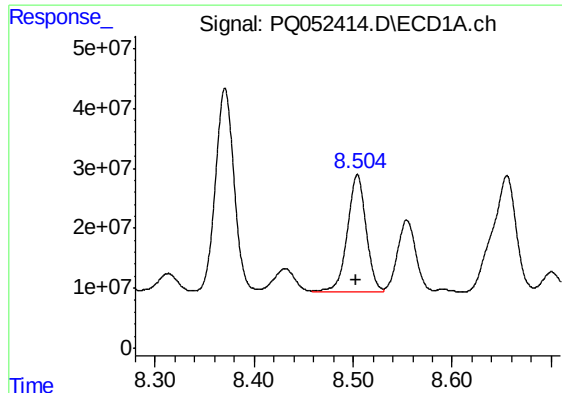
#31 AR-1260-1

R.T.: 8.242 min
Delta R.T.: 0.001 min
Response: 228111324
Conc: 228.25 ng/ml



#31 AR-1260-1

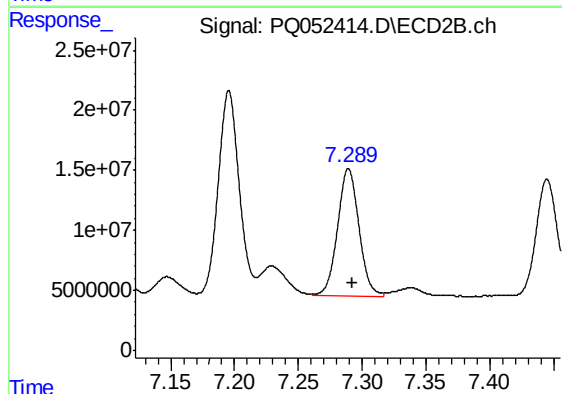
R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 134521461
Conc: 328.44 ng/ml



#32 AR-1260-2

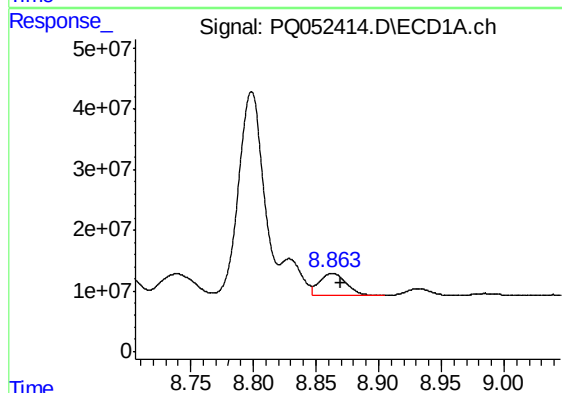
R.T.: 8.504 min
Delta R.T.: 0.001 min
Response: 259904867
Conc: 211.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



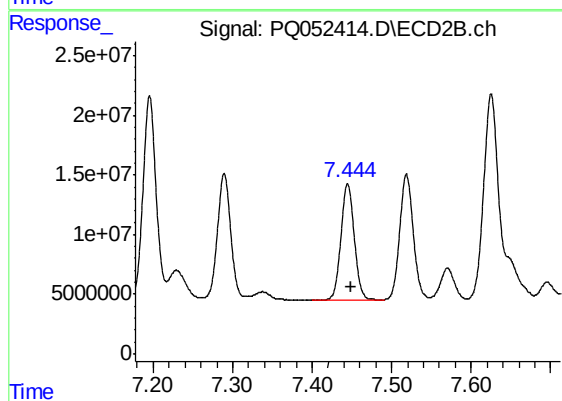
#32 AR-1260-2

R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 123717299
Conc: 233.01 ng/ml



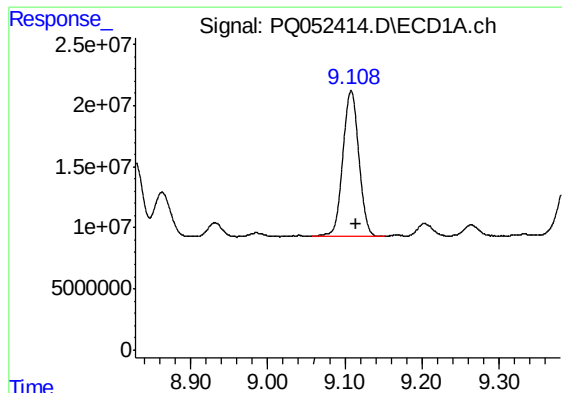
#33 AR-1260-3

R.T.: 8.863 min
Delta R.T.: -0.007 min
Response: 53915933
Conc: 58.96 ng/ml



#33 AR-1260-3

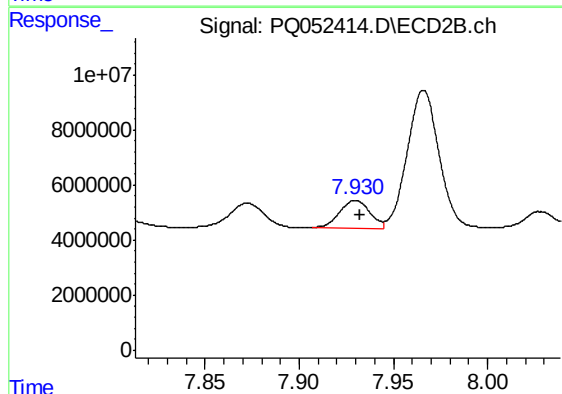
R.T.: 7.445 min
Delta R.T.: -0.004 min
Response: 113451684
Conc: 237.39 ng/ml



#34 AR-1260-4

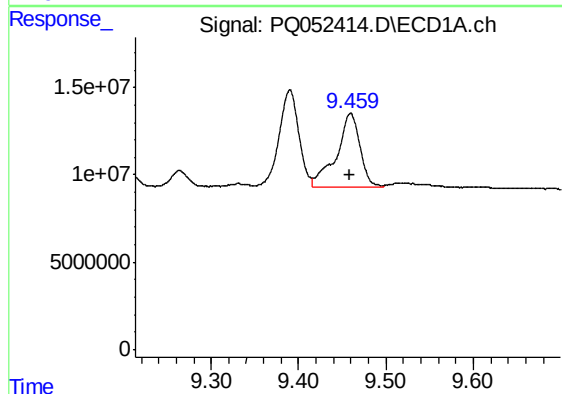
R.T.: 9.108 min
Delta R.T.: -0.006 min
Response: 173223223
Conc: 160.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



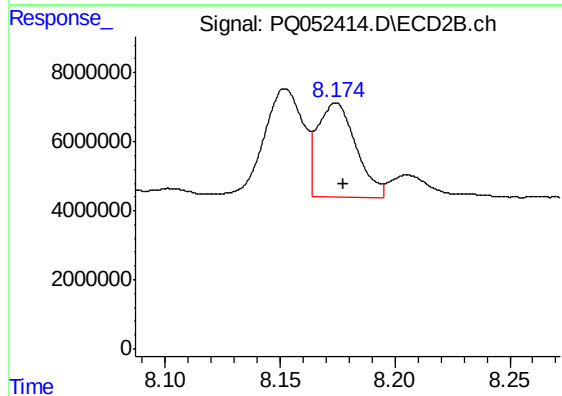
#34 AR-1260-4

R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 11364989
Conc: 28.06 ng/ml



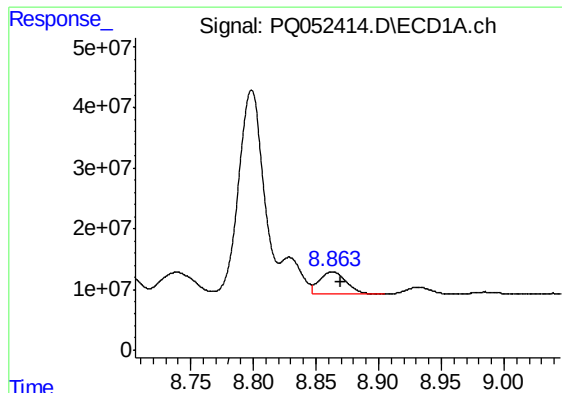
#35 AR-1260-5

R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 80926769
Conc: 35.67 ng/ml



#35 AR-1260-5

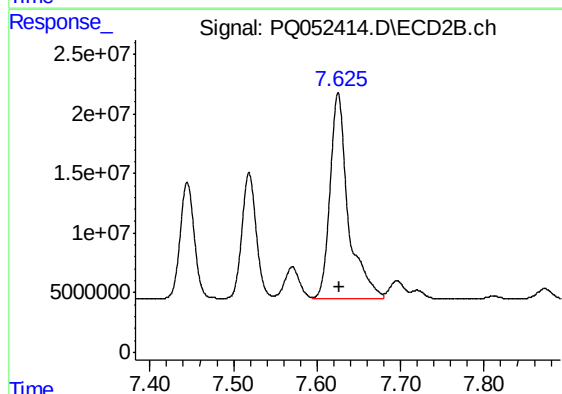
R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 31692769
Conc: 29.43 ng/ml



#36 AR-1262-1

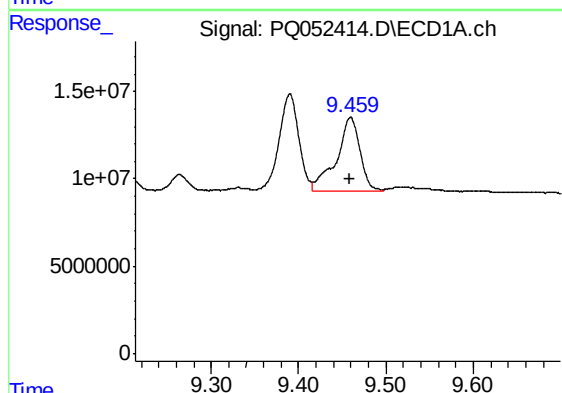
R.T.: 8.863 min
Delta R.T.: -0.007 min
Response: 53915933
Conc: 34.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



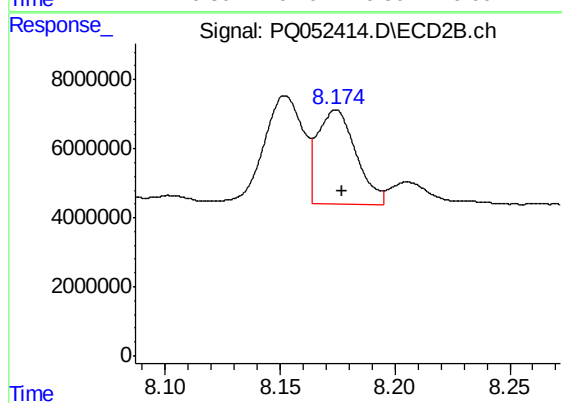
#36 AR-1262-1

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 262192597
Conc: 759.29 ng/ml



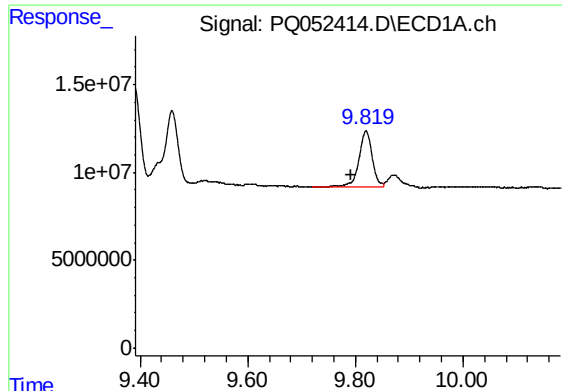
#37 AR-1262-2

R.T.: 9.460 min
Delta R.T.: 0.001 min
Response: 80926769
Conc: 27.01 ng/ml



#37 AR-1262-2

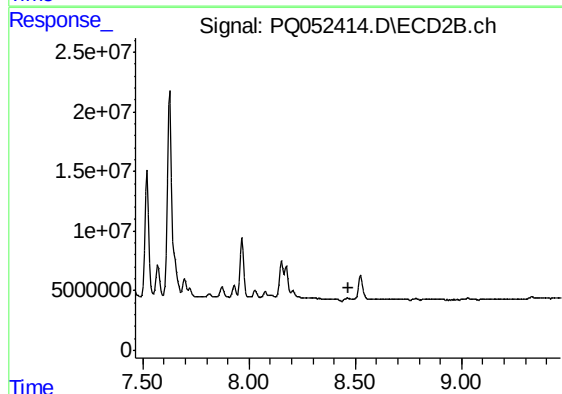
R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 31692769
Conc: 23.63 ng/ml



#38 AR-1262-3

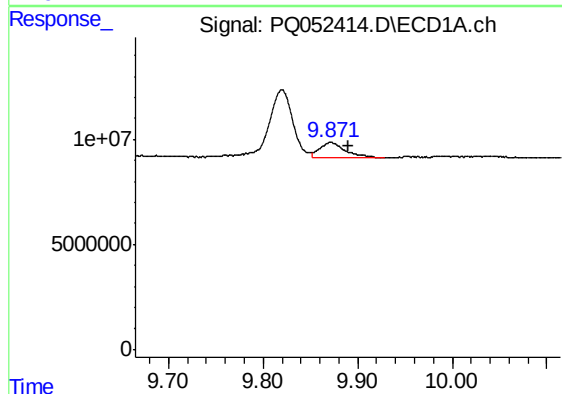
R.T.: 9.820 min
Delta R.T.: 0.029 min
Response: 56353783
Conc: 28.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



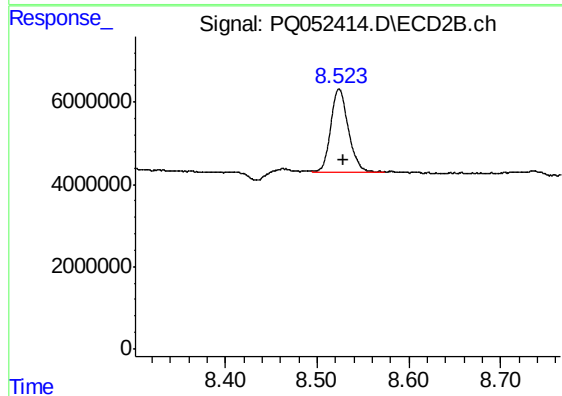
#38 AR-1262-3

R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: -590280
Conc: N.D.



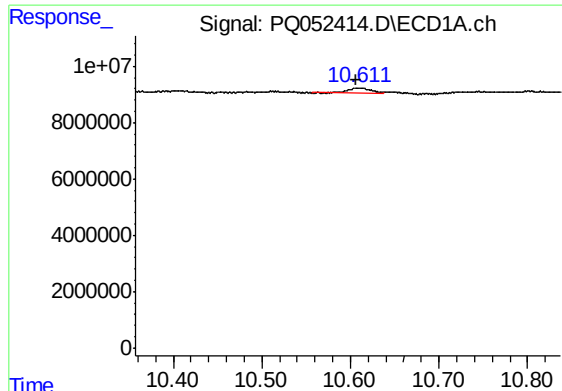
#39 AR-1262-4

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 13622703
Conc: 8.95 ng/ml



#39 AR-1262-4

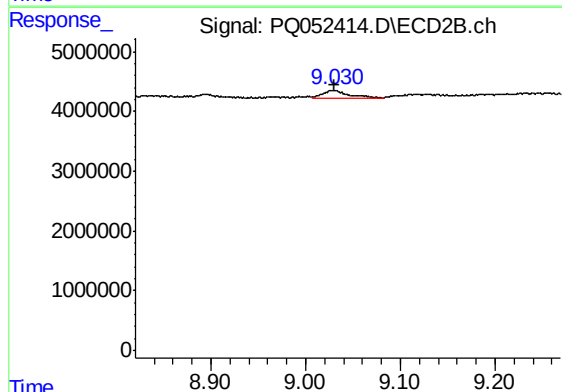
R.T.: 8.524 min
Delta R.T.: -0.005 min
Response: 27594997
Conc: 28.24 ng/ml



#40 AR-1262-5

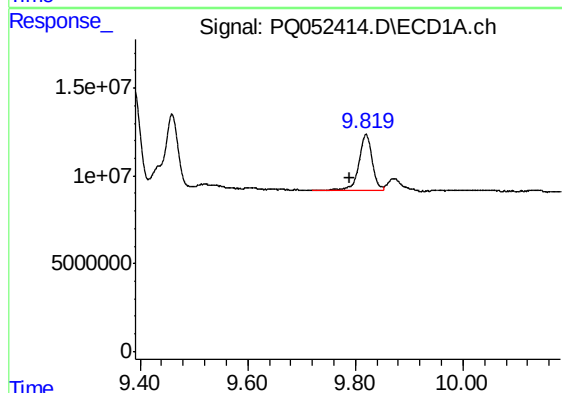
R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 3814424
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



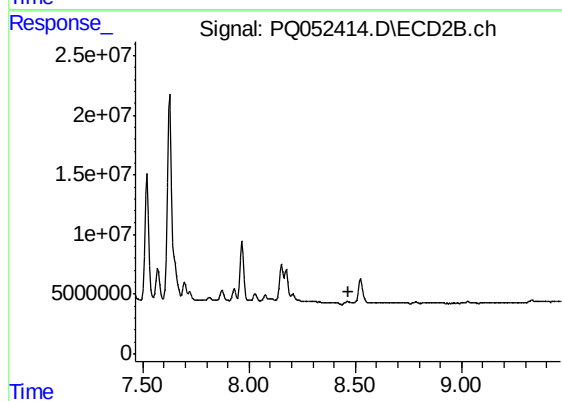
#40 AR-1262-5

R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 2291863
Conc: 5.06 ng/ml



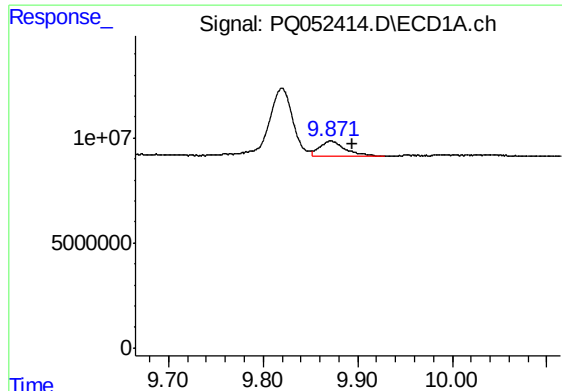
#41 AR-1268-1

R.T.: 9.820 min
Delta R.T.: 0.030 min
Response: 56353783
Conc: 16.03 ng/ml



#41 AR-1268-1

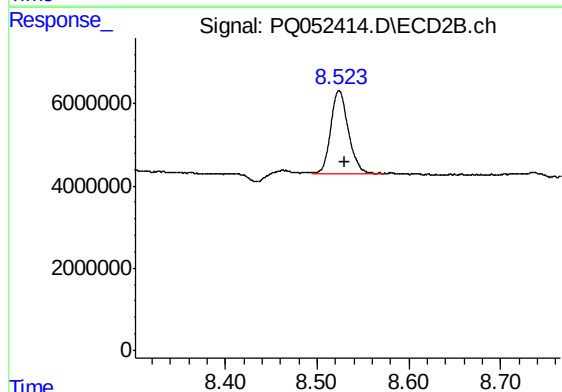
R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: -590280
Conc: N.D.



#42 AR-1268-2

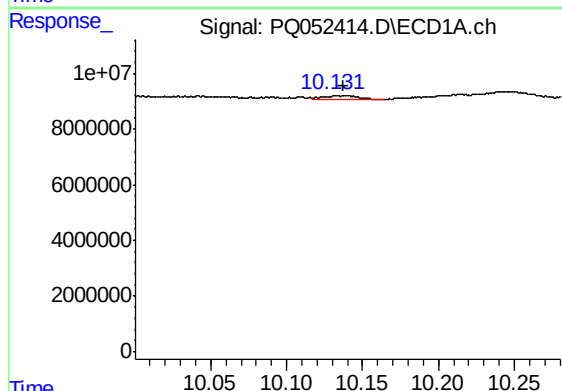
R.T.: 9.872 min
Delta R.T.: -0.022 min
Response: 13622703
Conc: 4.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



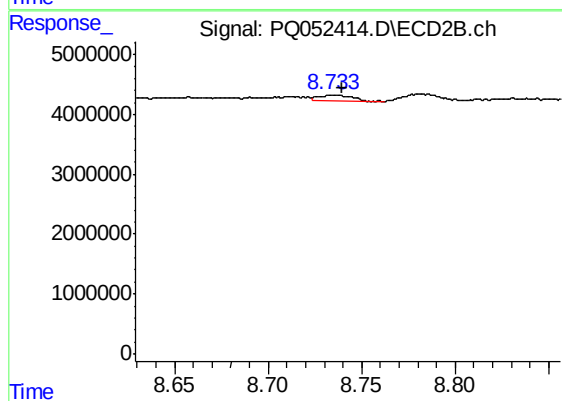
#42 AR-1268-2

R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 27594997
Conc: 18.51 ng/ml



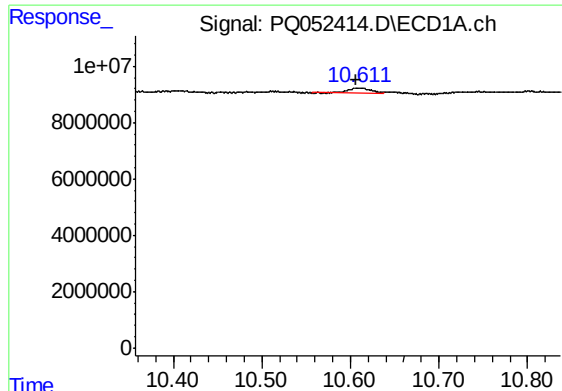
#43 AR-1268-3

R.T.: 10.132 min
Delta R.T.: -0.005 min
Response: 1790533
Conc: 0.64 ng/ml



#43 AR-1268-3

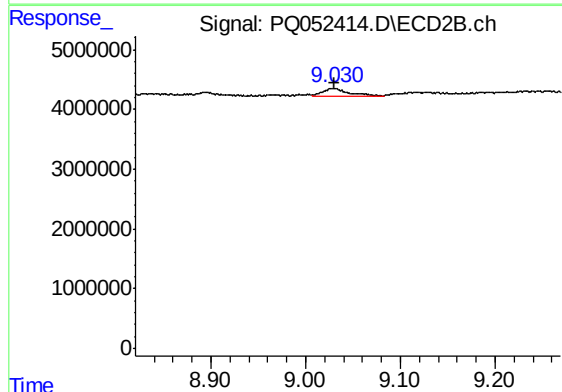
R.T.: 8.734 min
Delta R.T.: -0.005 min
Response: 1251035
Conc: 1.00 ng/ml



#44 AR-1268-4

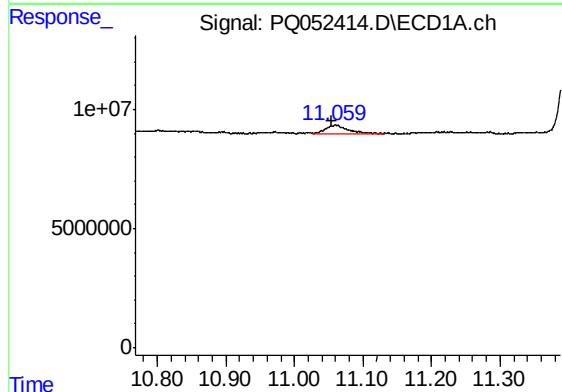
R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 3814424
Conc: 3.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254390



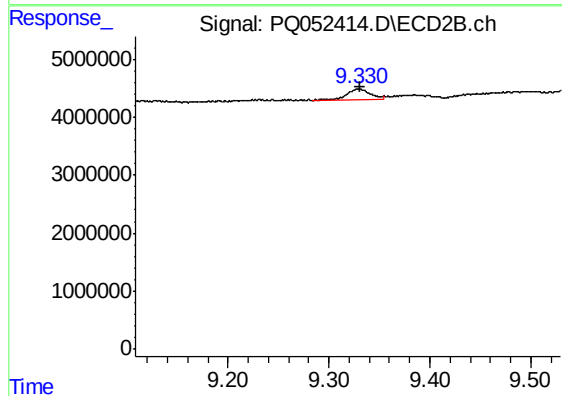
#44 AR-1268-4

R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 2291863
Conc: 4.38 ng/ml



#45 AR-1268-5

R.T.: 11.060 min
Delta R.T.: 0.006 min
Response: 7935556
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 2869982
Conc: 0.71 ng/ml