

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011722\
 Data File : PQ055751.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2022 18:47
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 23:55:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 04 15:29:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.232	4.298	626.0E6	507.1E6	54.530	52.684
2)	SA Decachlor...	11.415	9.666	656.1E6	308.0E6	43.997	41.440
Target Compounds							
3)	L1 AR-1016-1	6.556	5.565	5400342	4328497	16.362	13.714
4)	L1 AR-1016-2	6.585	5.587	7385991	3973045	13.543	8.890 #
5)	L1 AR-1016-3	6.648	5.781	2954868	2624978	8.055	10.984 #
6)	L1 AR-1016-4	6.755	5.827	3552828	107.6E6	11.694	515.855 #
7)	L1 AR-1016-5	7.068	6.059	66004044	56535800	250.751	217.301
8)	L2 AR-1221-1	5.464f	4.555	1186016	260530	8.813	2.510 #
9)	L2 AR-1221-2	5.587	4.656	10883103	6489213	103.231	83.038
10)	L2 AR-1221-3	5.670	4.747	2878216	1330637	9.454	5.450 #
11)	L3 AR-1232-1	5.670	4.747	2878216	1330637	11.539	6.767 #
12)	L3 AR-1232-2	6.260	5.587	4934875	3973045	39.424	21.608 #
13)	L3 AR-1232-3	6.585	5.781	7385991	2624978	31.739	27.358
14)	L3 AR-1232-4	6.755	5.871	3552828	33981820	27.662	371.306 #
15)	L3 AR-1232-5	6.849	6.059	97219733	56535800	1159.645	559.822 #
16)	L4 AR-1242-1	6.556	5.565	5400342	4328497	20.312	16.946
17)	L4 AR-1242-2	6.585	5.587	7385991	3973045	16.559	11.025 #
18)	L4 AR-1242-3	6.648	5.781	2954868	2624978	10.006	13.559 #
19)	L4 AR-1242-4	6.755	5.871	3552828	33981820	14.352	170.669 #
20)	L4 AR-1242-5	7.541	6.439	67966769	263.1E6	280.141	1077.894 #
21)	L5 AR-1248-1	6.556	5.565	5400342	4328497	27.009	22.982
22)	L5 AR-1248-2	6.849	5.827	97219733	107.6E6	351.854	394.711
23)	L5 AR-1248-3	7.068	5.871	66004044	33981820	197.416	119.715 #
24)	L5 AR-1248-4	7.499	6.059	103.7E6	56535800	281.756	169.397 #
25)	L5 AR-1248-5	7.541	6.485	67966769	30553829	174.354	96.490 #
26)	L6 AR-1254-1	7.468	6.439	183.6E6	263.1E6	507.613	502.272
27)	L6 AR-1254-2	7.697	6.596	279.7E6	226.5E6	494.085	505.437
28)	L6 AR-1254-3	8.081	7.020	324.8E6	359.7E6	480.091	497.432
29)	L6 AR-1254-4	8.377	7.260	251.1E6	210.0E6	508.282	490.267
30)	L6 AR-1254-5	8.805	7.689	270.0E6	293.9E6	476.686	480.874
31)	L7 AR-1260-1	8.246	7.157	124.5E6	166.4E6	284.109	352.667
32)	L7 AR-1260-2	8.510	7.351f	150.7E6	138.1E6	282.935	244.953
33)	L7 AR-1260-3	8.869f	7.508f	40285696	134.7E6	86.904	256.144 #
34)	L7 AR-1260-4	9.114	7.993	113.4E6	12662324	210.790	29.006 #
35)	L7 AR-1260-5	9.466	8.237	55179647	31548034	46.003	31.353 #
36)	L8 AR-1262-1	8.869	7.689	40285696	293.9E6	62.670	880.061 #
37)	L8 AR-1262-2	9.466	8.237f	55179647	31548034	39.614	26.652 #
38)	L8 AR-1262-3	9.824f	8.526	33287291	1294792	44.802	2.920 #
39)	L8 AR-1262-4	9.876f	8.588f	10003130	28003889	14.544	33.490 #
40)	L8 AR-1262-5	10.611	9.095f	3631894	506943	5.394	1.387 #
41)	L9 AR-1268-1	9.824f	8.526	33287291	1294792	18.595	0.968 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011722\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2022 18:47
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

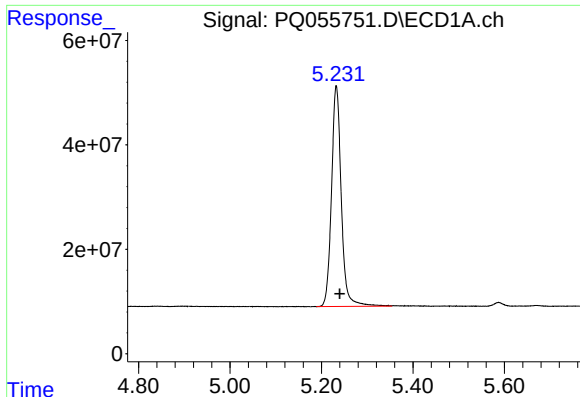
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 23:55:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010422.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	0.000	8.588f	0	28003889	N.D.	23.123 #
43) L9	AR-1268-3	10.144	8.803	1732876	462720	1.055	0.457 #
44) L9	AR-1268-4	10.611	9.095f	3631894	506943	4.901	1.258 #
45) L9	AR-1268-5	11.054	9.432	5813814	67498	1.048	0.022 #

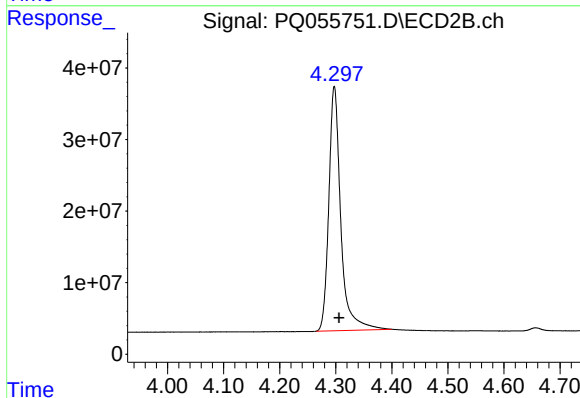
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

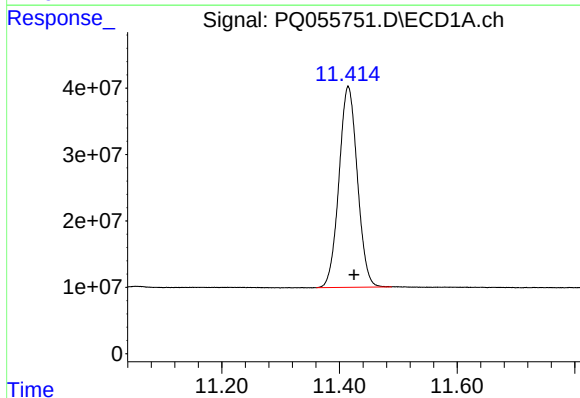
R.T.: 5.232 min
Delta R.T.: -0.008 min
Response: 625950839
Conc: 54.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



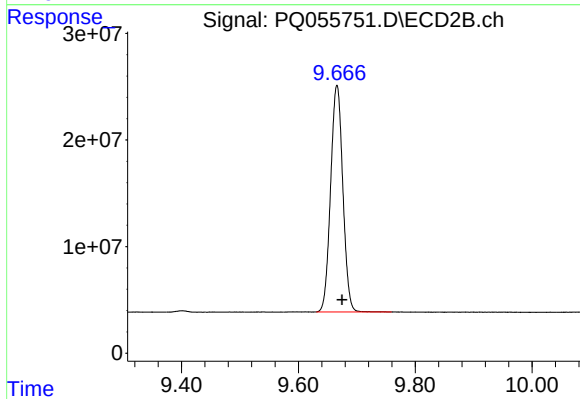
#1 Tetrachloro-m-xylene

R.T.: 4.298 min
Delta R.T.: -0.008 min
Response: 507087558
Conc: 52.68 ng/ml



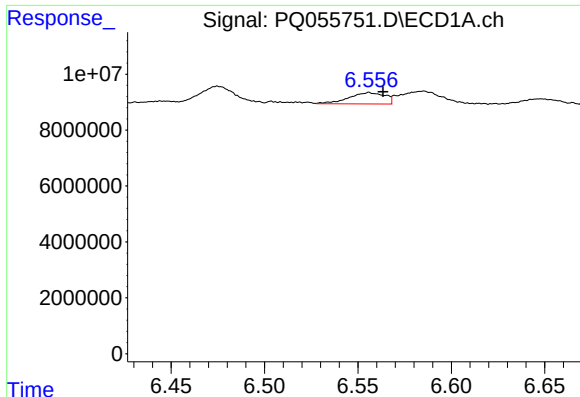
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: -0.010 min
Response: 656137907
Conc: 44.00 ng/ml



#2 Decachlorobiphenyl

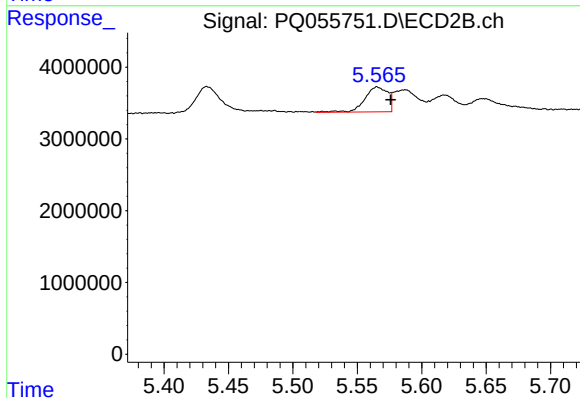
R.T.: 9.666 min
Delta R.T.: -0.009 min
Response: 307962583
Conc: 41.44 ng/ml



#3 AR-1016-1

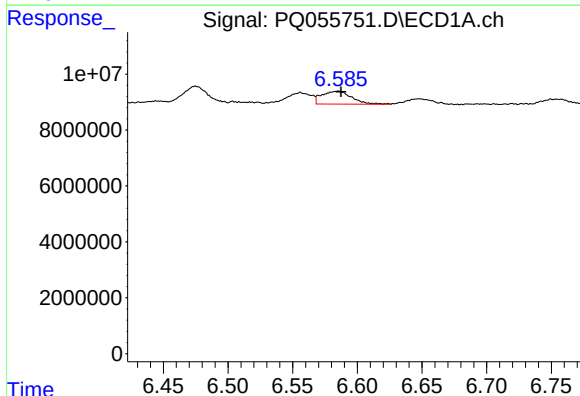
R.T.: 6.556 min
Delta R.T.: -0.008 min
Response: 5400342
Conc: 16.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



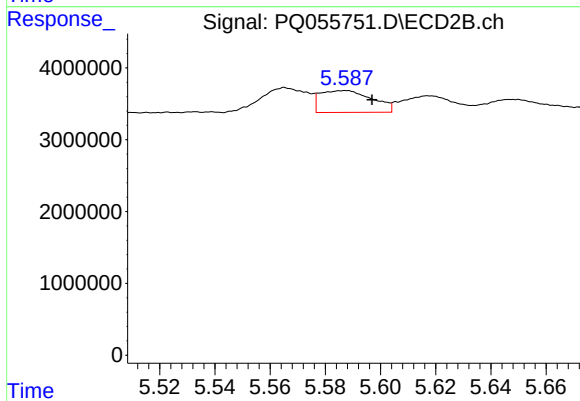
#3 AR-1016-1

R.T.: 5.565 min
Delta R.T.: -0.011 min
Response: 4328497
Conc: 13.71 ng/ml



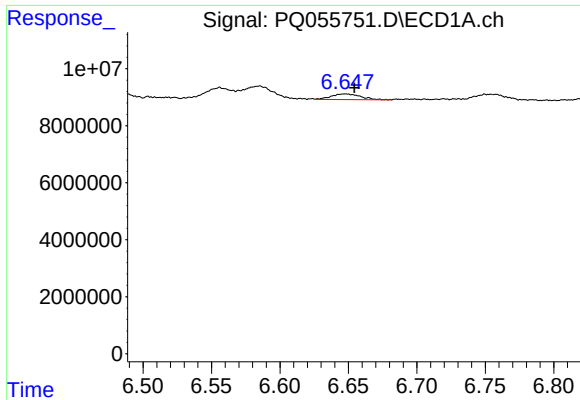
#4 AR-1016-2

R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 7385991
Conc: 13.54 ng/ml



#4 AR-1016-2

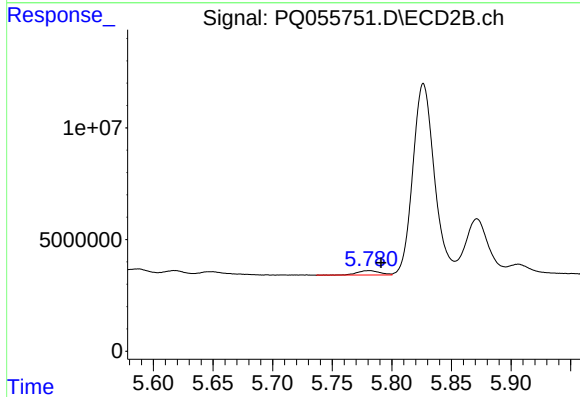
R.T.: 5.587 min
Delta R.T.: -0.010 min
Response: 3973045
Conc: 8.89 ng/ml



#5 AR-1016-3

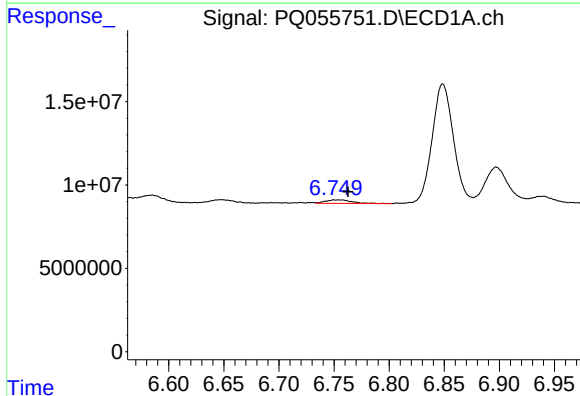
R.T.: 6.648 min
Delta R.T.: -0.007 min
Response: 2954868
Conc: 8.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



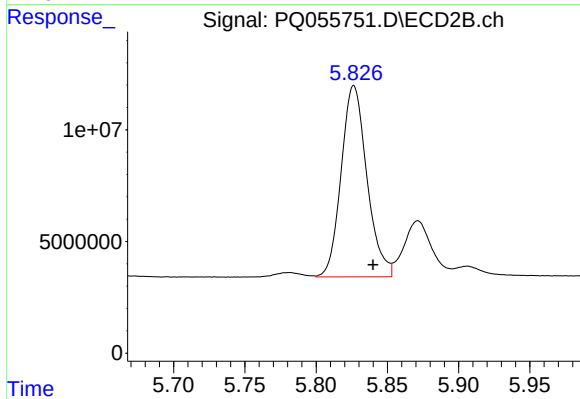
#5 AR-1016-3

R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: 2624978
Conc: 10.98 ng/ml



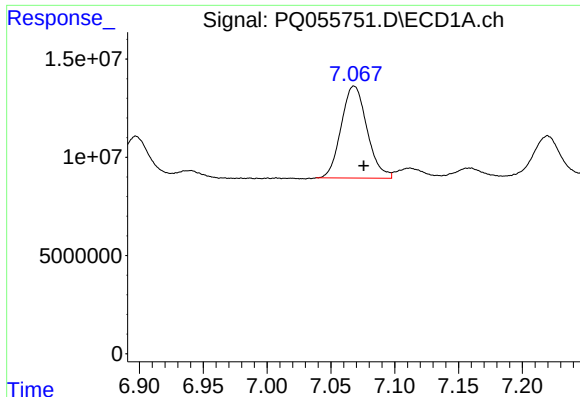
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.008 min
Response: 3552828
Conc: 11.69 ng/ml



#6 AR-1016-4

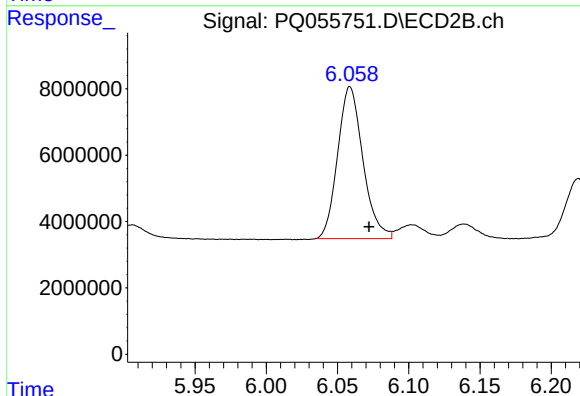
R.T.: 5.827 min
Delta R.T.: -0.013 min
Response: 107618479
Conc: 515.86 ng/ml



#7 AR-1016-5

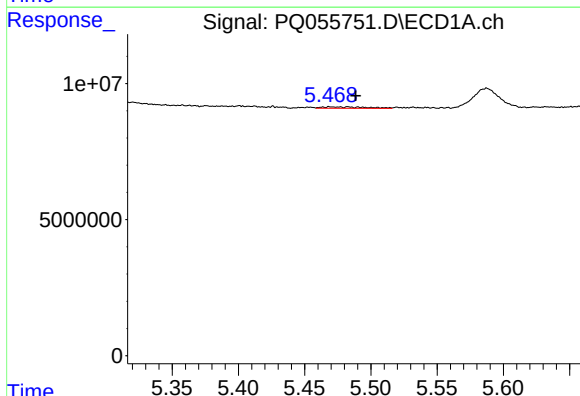
R.T.: 7.068 min
Delta R.T.: -0.008 min
Response: 66004044
Conc: 250.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



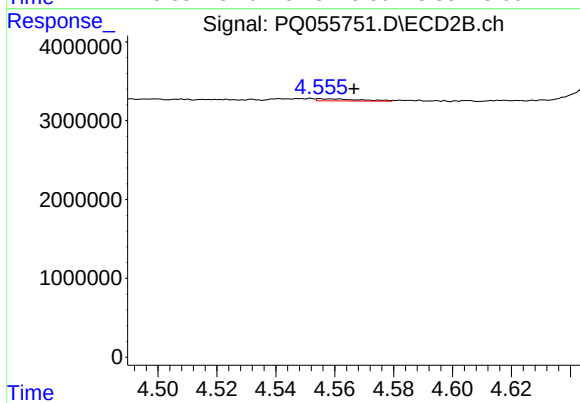
#7 AR-1016-5

R.T.: 6.059 min
Delta R.T.: -0.013 min
Response: 56535800
Conc: 217.30 ng/ml



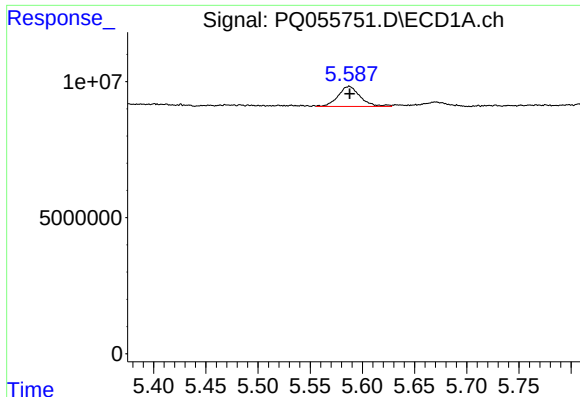
#8 AR-1221-1

R.T.: 5.464 min
Delta R.T.: -0.024 min
Response: 1186016
Conc: 8.81 ng/ml



#8 AR-1221-1

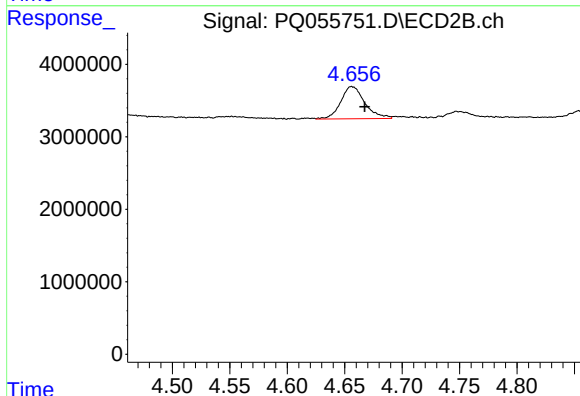
R.T.: 4.555 min
Delta R.T.: -0.012 min
Response: 260530
Conc: 2.51 ng/ml



#9 AR-1221-2

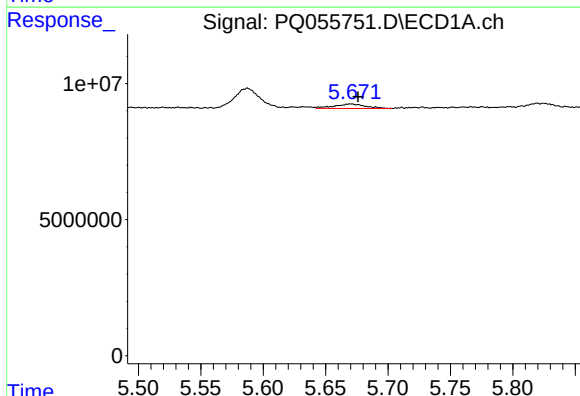
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 10883103
Conc: 103.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



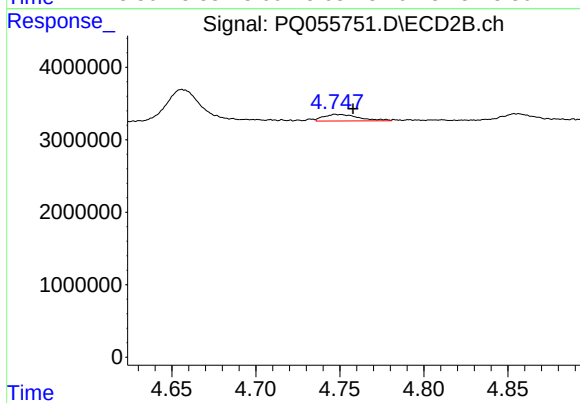
#9 AR-1221-2

R.T.: 4.656 min
Delta R.T.: -0.011 min
Response: 6489213
Conc: 83.04 ng/ml



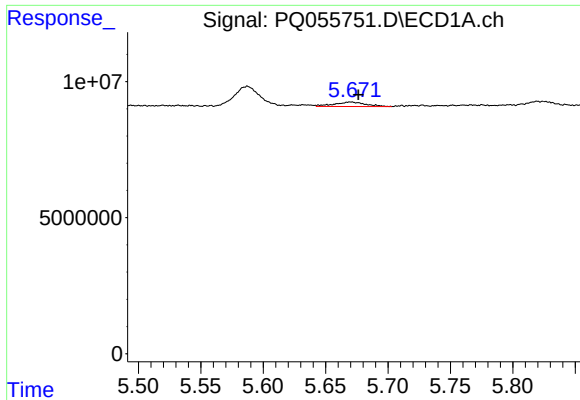
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 2878216
Conc: 9.45 ng/ml



#10 AR-1221-3

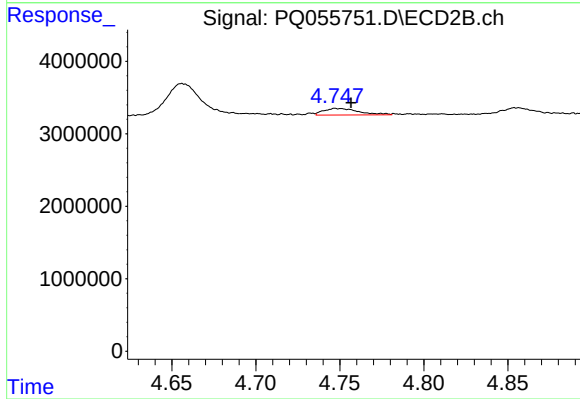
R.T.: 4.747 min
Delta R.T.: -0.011 min
Response: 1330637
Conc: 5.45 ng/ml



#11 AR-1232-1

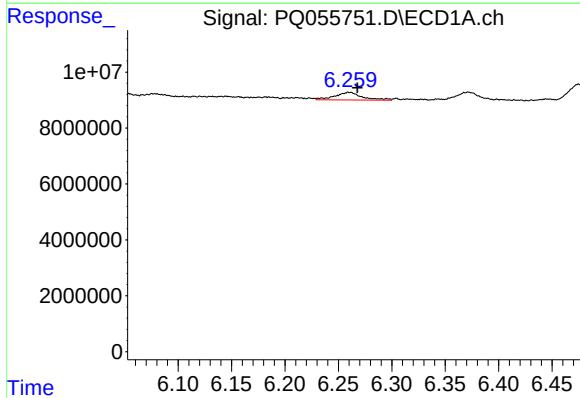
R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 2878216
Conc: 11.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



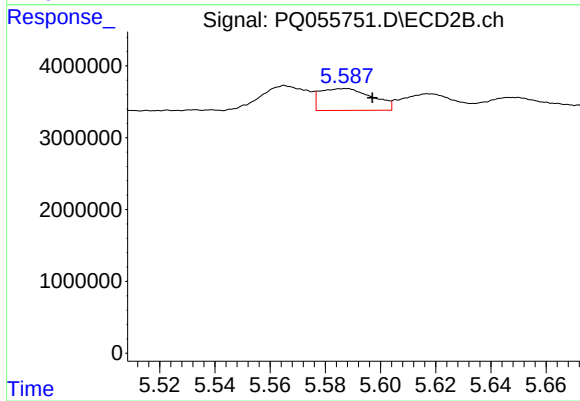
#11 AR-1232-1

R.T.: 4.747 min
Delta R.T.: -0.009 min
Response: 1330637
Conc: 6.77 ng/ml



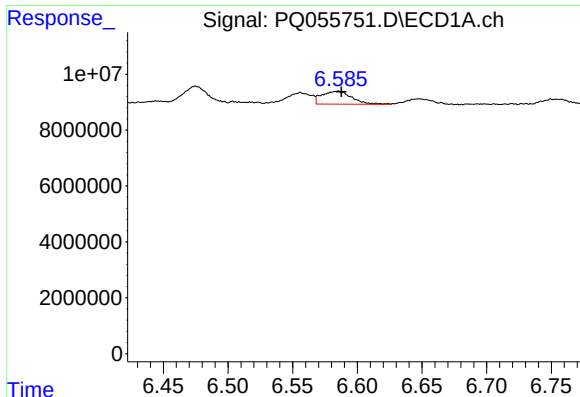
#12 AR-1232-2

R.T.: 6.260 min
Delta R.T.: -0.008 min
Response: 4934875
Conc: 39.42 ng/ml



#12 AR-1232-2

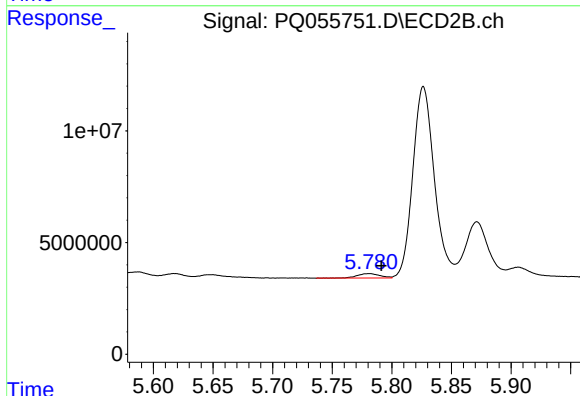
R.T.: 5.587 min
Delta R.T.: -0.010 min
Response: 3973045
Conc: 21.61 ng/ml



#13 AR-1232-3

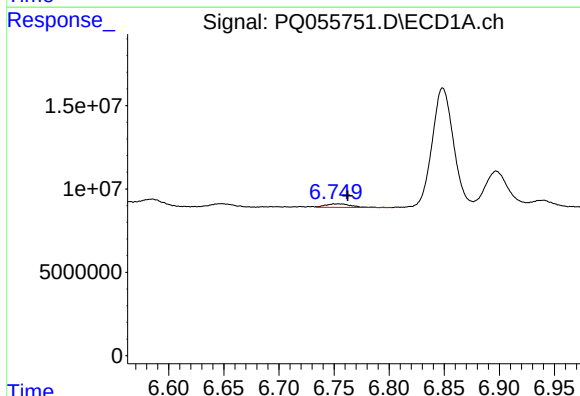
R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 7385991
Conc: 31.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



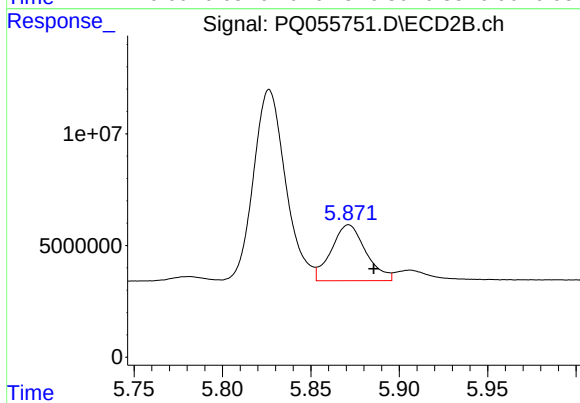
#13 AR-1232-3

R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: 2624978
Conc: 27.36 ng/ml



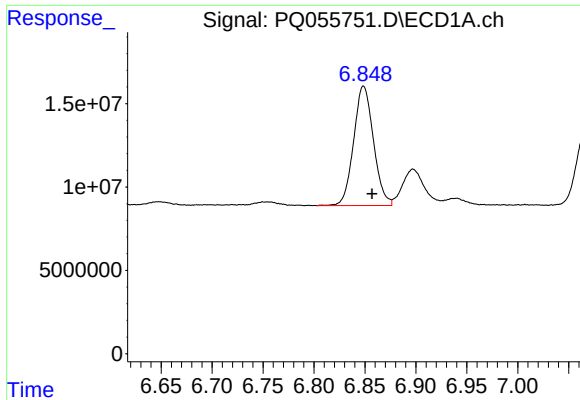
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.008 min
Response: 3552828
Conc: 27.66 ng/ml



#14 AR-1232-4

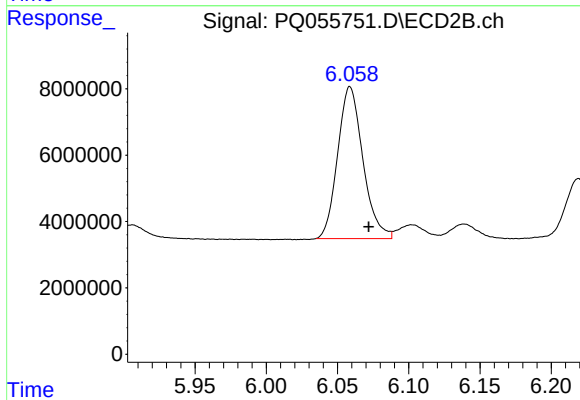
R.T.: 5.871 min
Delta R.T.: -0.014 min
Response: 33981820
Conc: 371.31 ng/ml



#15 AR-1232-5

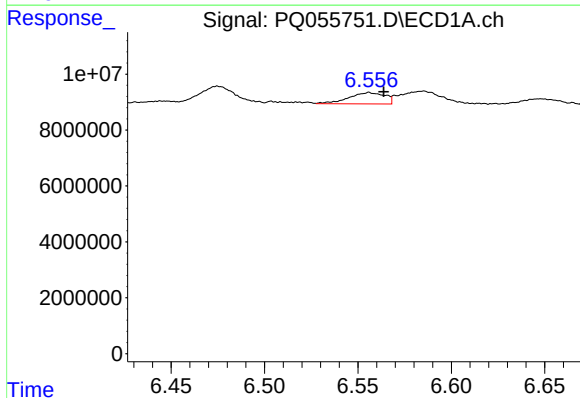
R.T.: 6.849 min
Delta R.T.: -0.008 min
Response: 97219733
Conc: 1159.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



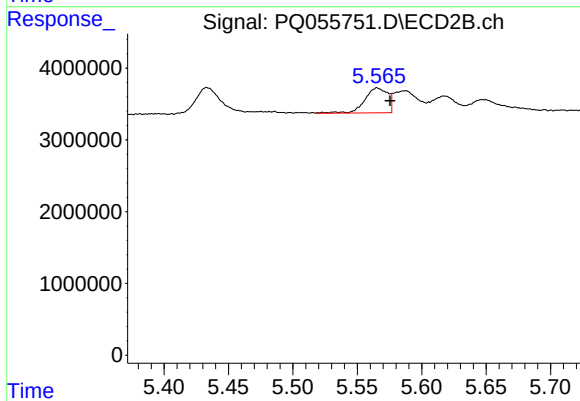
#15 AR-1232-5

R.T.: 6.059 min
Delta R.T.: -0.013 min
Response: 56535800
Conc: 559.82 ng/ml



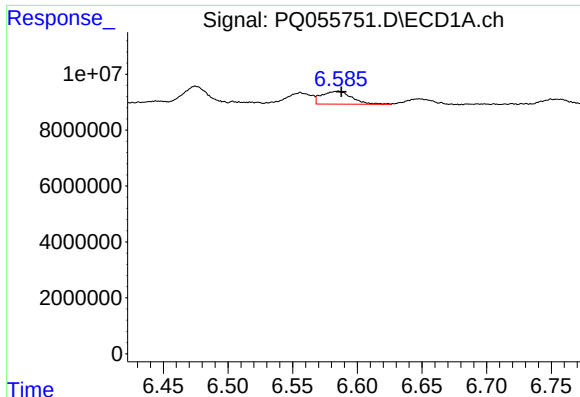
#16 AR-1242-1

R.T.: 6.556 min
Delta R.T.: -0.008 min
Response: 5400342
Conc: 20.31 ng/ml



#16 AR-1242-1

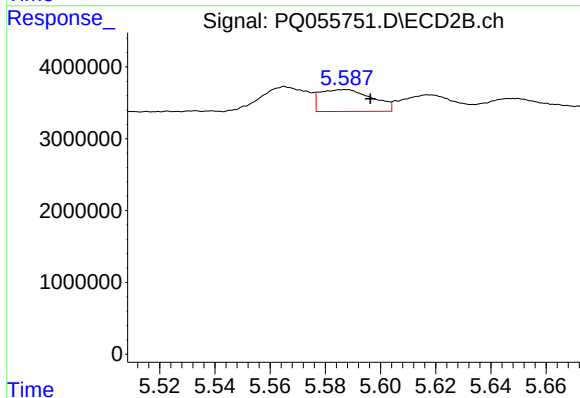
R.T.: 5.565 min
Delta R.T.: -0.010 min
Response: 4328497
Conc: 16.95 ng/ml



#17 AR-1242-2

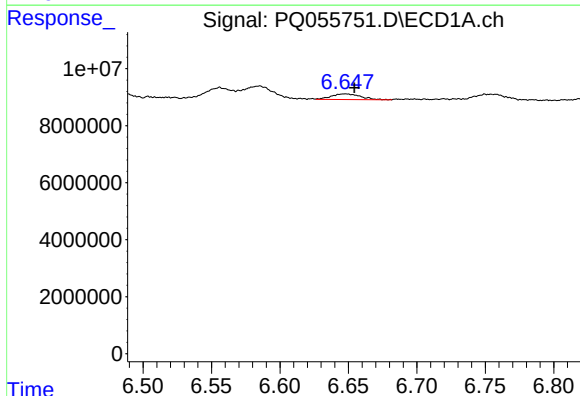
R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 7385991
Conc: 16.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



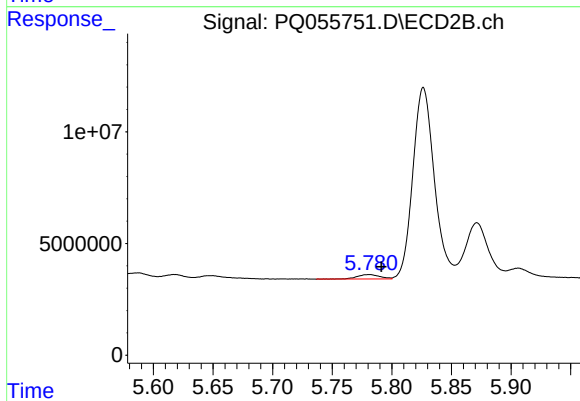
#17 AR-1242-2

R.T.: 5.587 min
Delta R.T.: -0.009 min
Response: 3973045
Conc: 11.03 ng/ml



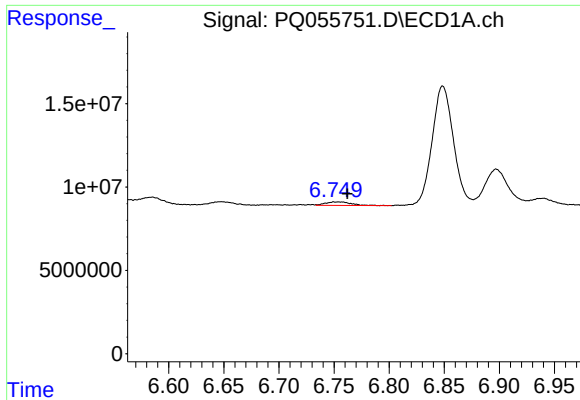
#18 AR-1242-3

R.T.: 6.648 min
Delta R.T.: -0.007 min
Response: 2954868
Conc: 10.01 ng/ml



#18 AR-1242-3

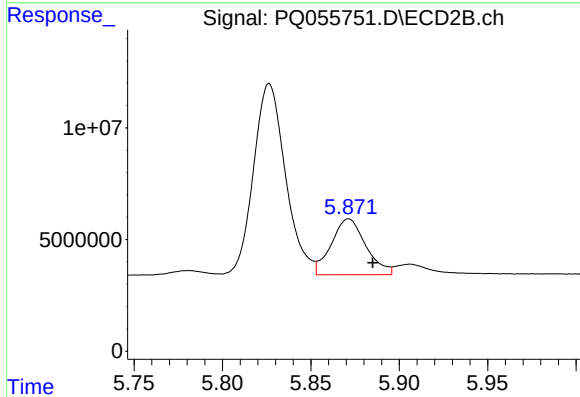
R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: 2624978
Conc: 13.56 ng/ml



#19 AR-1242-4

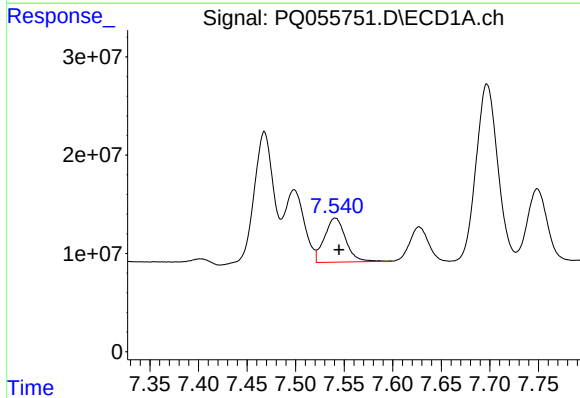
R.T.: 6.755 min
Delta R.T.: -0.008 min
Response: 3552828
Conc: 14.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



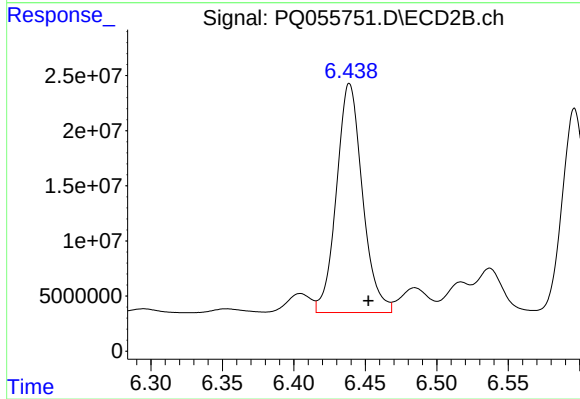
#19 AR-1242-4

R.T.: 5.871 min
Delta R.T.: -0.014 min
Response: 33981820
Conc: 170.67 ng/ml



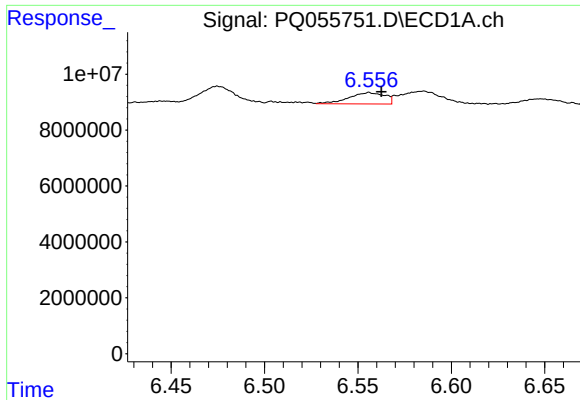
#20 AR-1242-5

R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 67966769
Conc: 280.14 ng/ml



#20 AR-1242-5

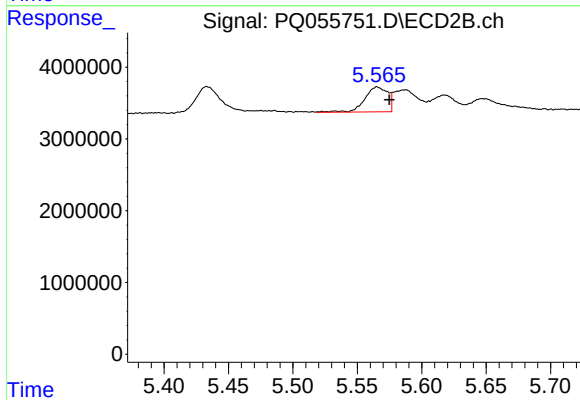
R.T.: 6.439 min
Delta R.T.: -0.013 min
Response: 263085567
Conc: 1077.89 ng/ml



#21 AR-1248-1

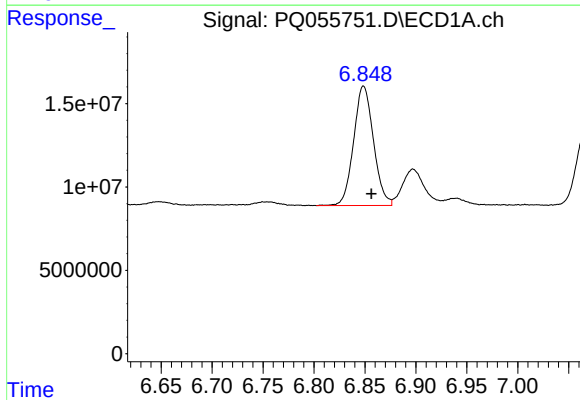
R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 5400342
Conc: 27.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



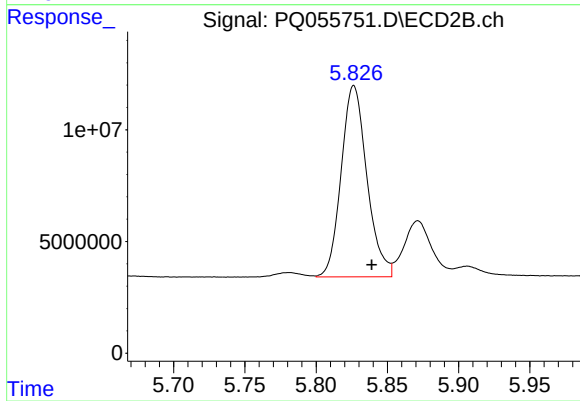
#21 AR-1248-1

R.T.: 5.565 min
Delta R.T.: -0.009 min
Response: 4328497
Conc: 22.98 ng/ml



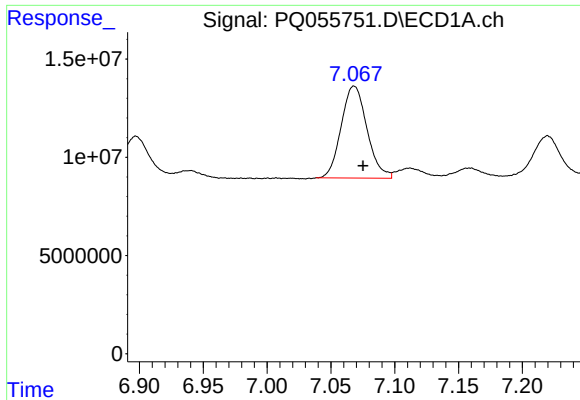
#22 AR-1248-2

R.T.: 6.849 min
Delta R.T.: -0.008 min
Response: 97219733
Conc: 351.85 ng/ml



#22 AR-1248-2

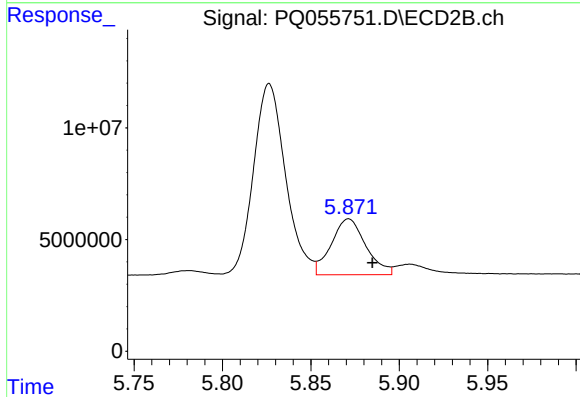
R.T.: 5.827 min
Delta R.T.: -0.012 min
Response: 107618479
Conc: 394.71 ng/ml



#23 AR-1248-3

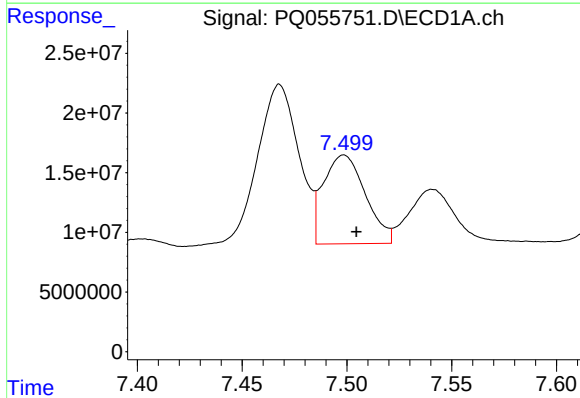
R.T.: 7.068 min
Delta R.T.: -0.007 min
Response: 66004044
Conc: 197.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



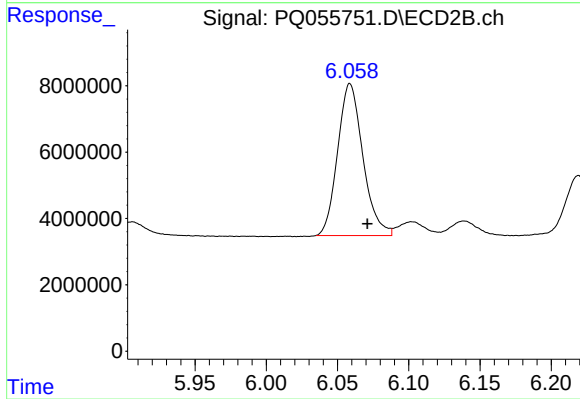
#23 AR-1248-3

R.T.: 5.871 min
Delta R.T.: -0.013 min
Response: 33981820
Conc: 119.71 ng/ml



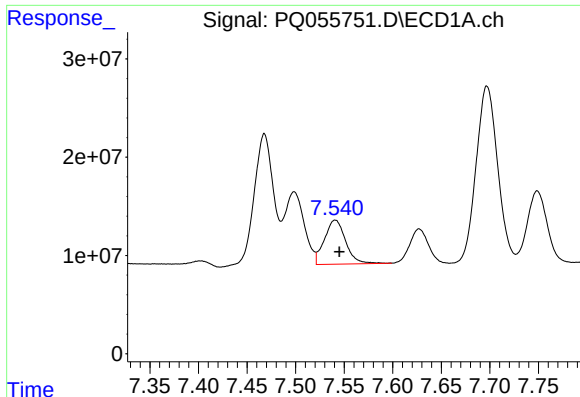
#24 AR-1248-4

R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 103720083
Conc: 281.76 ng/ml



#24 AR-1248-4

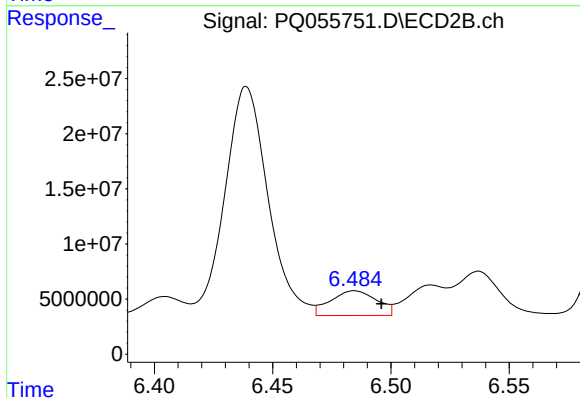
R.T.: 6.059 min
Delta R.T.: -0.012 min
Response: 56535800
Conc: 169.40 ng/ml



#25 AR-1248-5

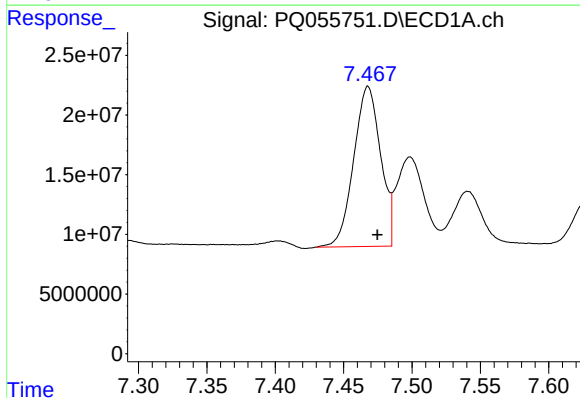
R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 67966769
Conc: 174.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



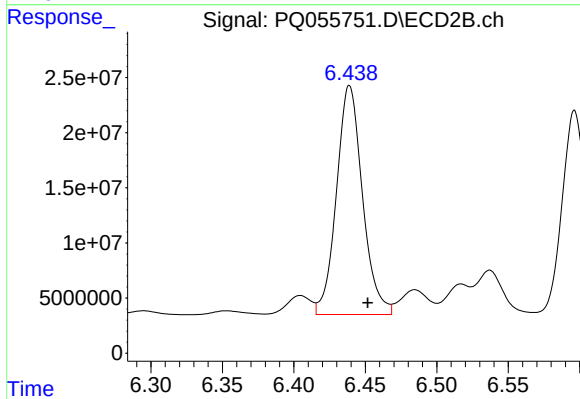
#25 AR-1248-5

R.T.: 6.485 min
Delta R.T.: -0.011 min
Response: 30553829
Conc: 96.49 ng/ml



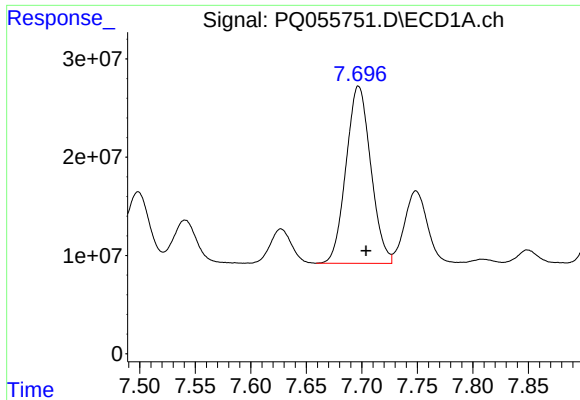
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: -0.007 min
Response: 183632078
Conc: 507.61 ng/ml



#26 AR-1254-1

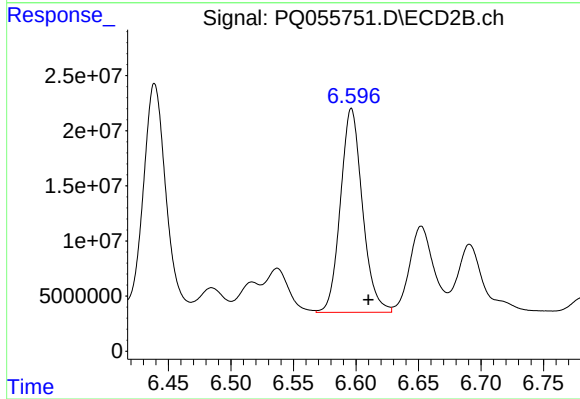
R.T.: 6.439 min
Delta R.T.: -0.013 min
Response: 263085567
Conc: 502.27 ng/ml



#27 AR-1254-2

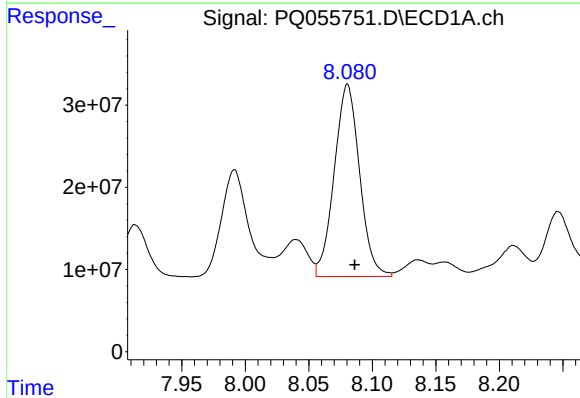
R.T.: 7.697 min
Delta R.T.: -0.007 min
Response: 279727366
Conc: 494.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



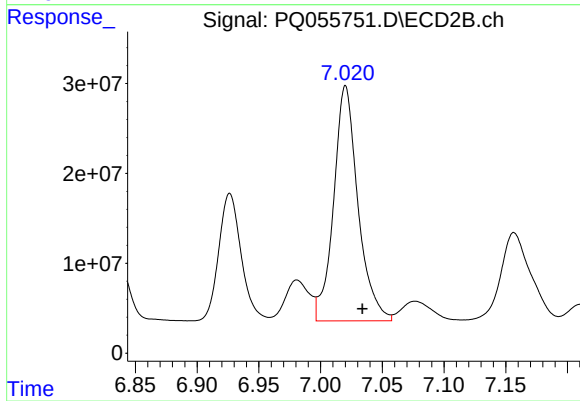
#27 AR-1254-2

R.T.: 6.596 min
Delta R.T.: -0.013 min
Response: 226548569
Conc: 505.44 ng/ml



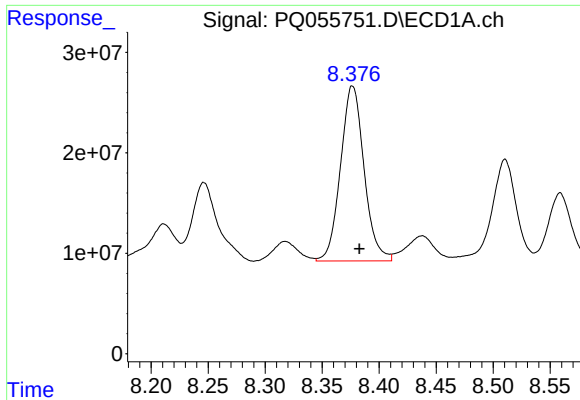
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: -0.006 min
Response: 324811504
Conc: 480.09 ng/ml



#28 AR-1254-3

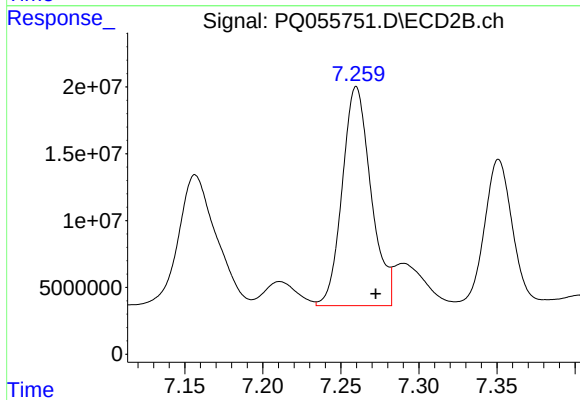
R.T.: 7.020 min
Delta R.T.: -0.014 min
Response: 359688119
Conc: 497.43 ng/ml



#29 AR-1254-4

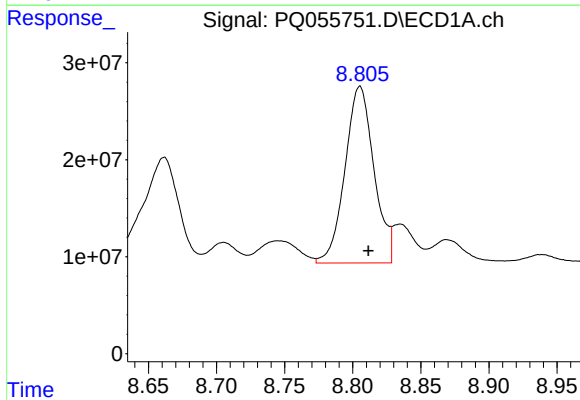
R.T.: 8.377 min
Delta R.T.: -0.006 min
Response: 251064061
Conc: 508.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



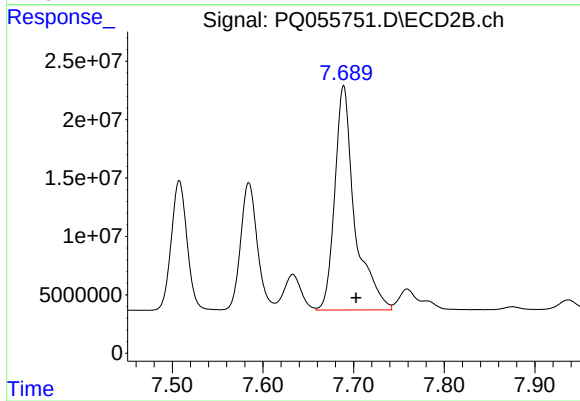
#29 AR-1254-4

R.T.: 7.260 min
Delta R.T.: -0.013 min
Response: 210017744
Conc: 490.27 ng/ml



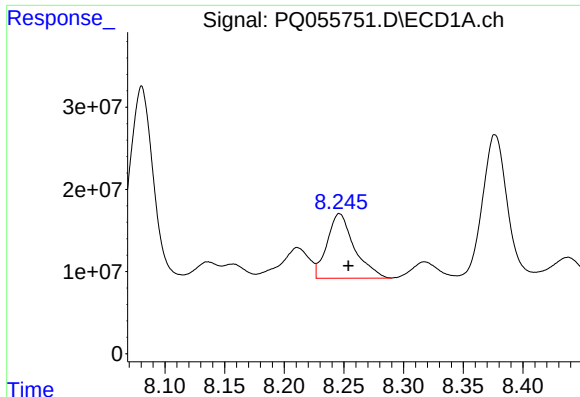
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: -0.006 min
Response: 269976801
Conc: 476.69 ng/ml



#30 AR-1254-5

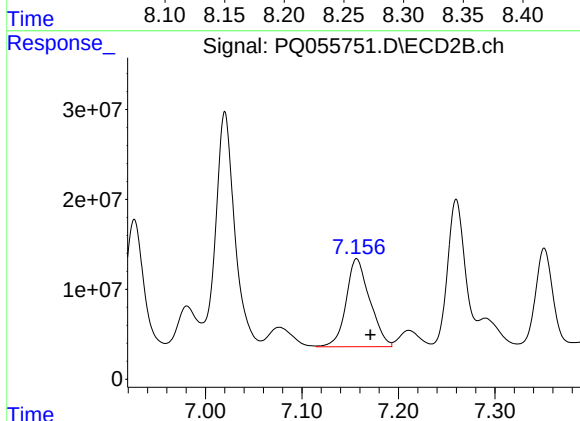
R.T.: 7.689 min
Delta R.T.: -0.014 min
Response: 293904692
Conc: 480.87 ng/ml



#31 AR-1260-1

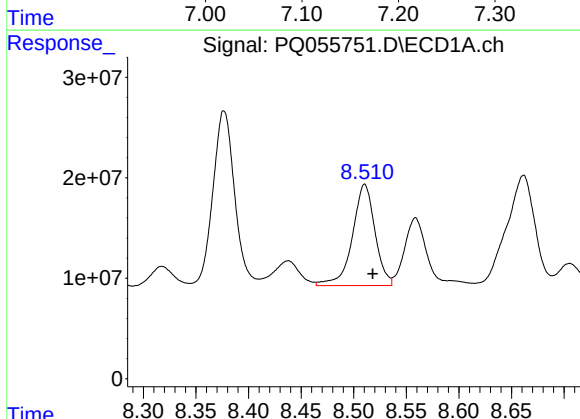
R.T.: 8.246 min
Delta R.T.: -0.007 min
Response: 124528062
Conc: 284.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



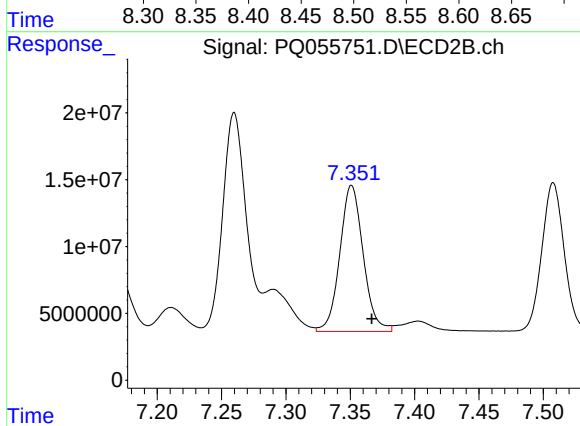
#31 AR-1260-1

R.T.: 7.157 min
Delta R.T.: -0.014 min
Response: 166377395
Conc: 352.67 ng/ml



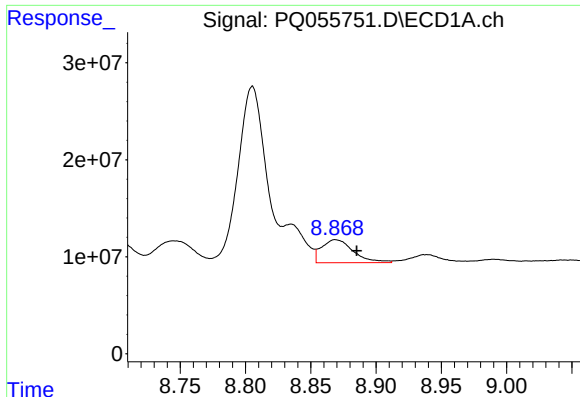
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: -0.008 min
Response: 150660174
Conc: 282.93 ng/ml



#32 AR-1260-2

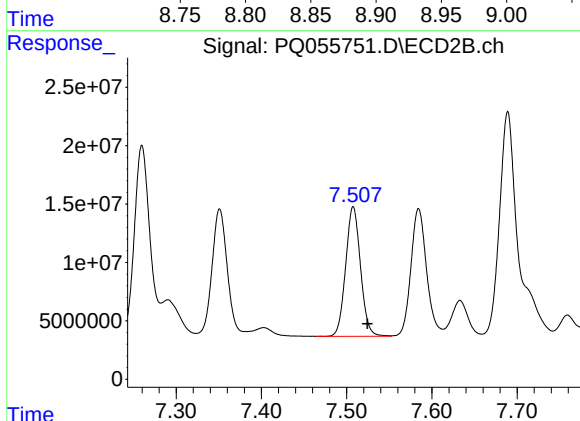
R.T.: 7.351 min
Delta R.T.: -0.016 min
Response: 138138480
Conc: 244.95 ng/ml



#33 AR-1260-3

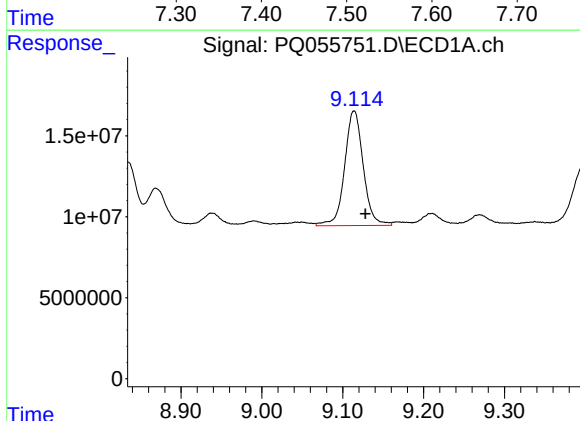
R.T.: 8.869 min
Delta R.T.: -0.016 min
Response: 40285696
Conc: 86.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



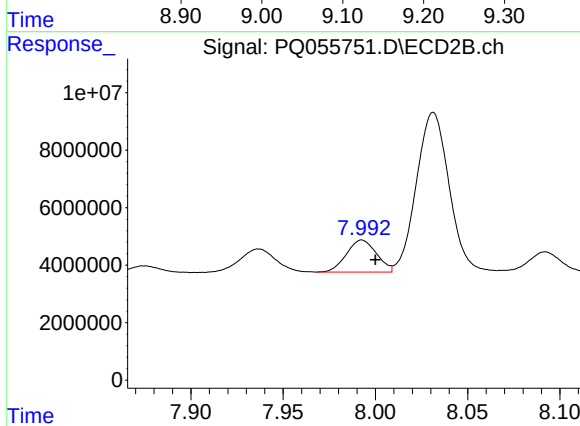
#33 AR-1260-3

R.T.: 7.508 min
Delta R.T.: -0.017 min
Response: 134655608
Conc: 256.14 ng/ml



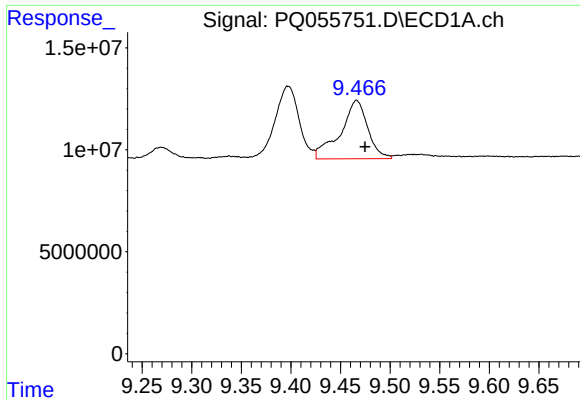
#34 AR-1260-4

R.T.: 9.114 min
Delta R.T.: -0.014 min
Response: 113430026
Conc: 210.79 ng/ml



#34 AR-1260-4

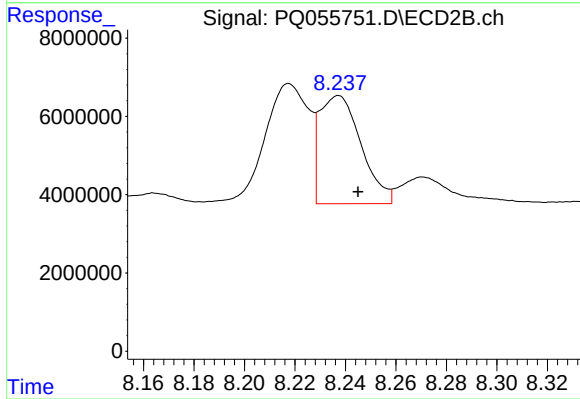
R.T.: 7.993 min
Delta R.T.: -0.007 min
Response: 12662324
Conc: 29.01 ng/ml



#35 AR-1260-5

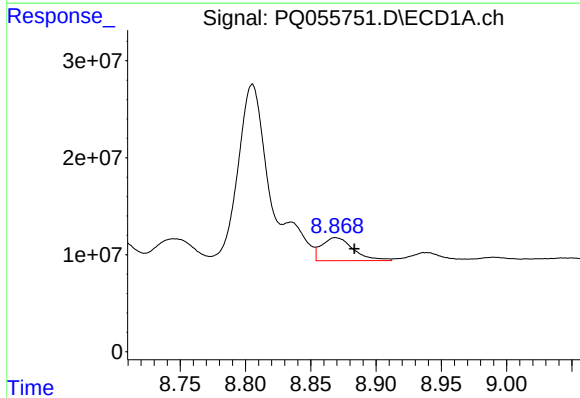
R.T.: 9.466 min
Delta R.T.: -0.008 min
Response: 55179647
Conc: 46.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



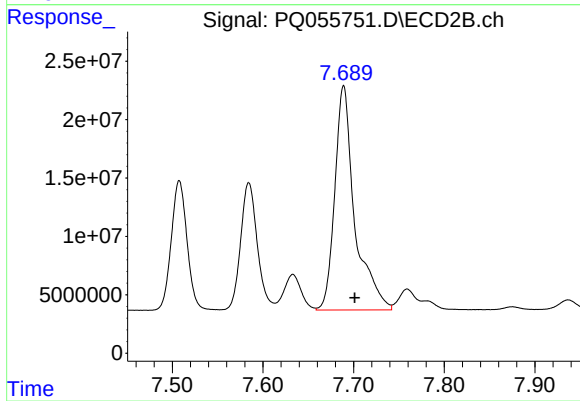
#35 AR-1260-5

R.T.: 8.237 min
Delta R.T.: -0.008 min
Response: 31548034
Conc: 31.35 ng/ml



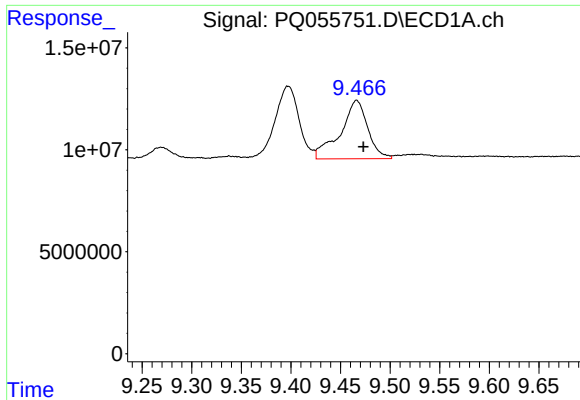
#36 AR-1262-1

R.T.: 8.869 min
Delta R.T.: -0.014 min
Response: 40285696
Conc: 62.67 ng/ml



#36 AR-1262-1

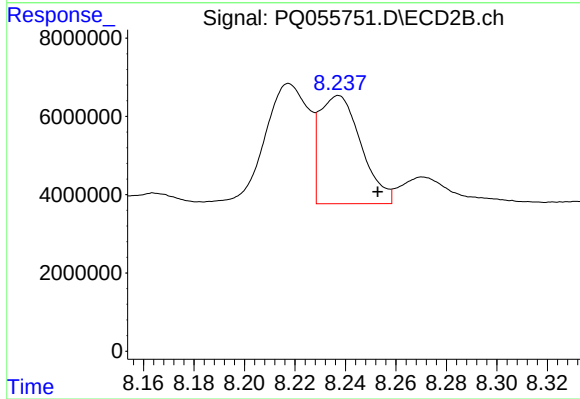
R.T.: 7.689 min
Delta R.T.: -0.012 min
Response: 293904692
Conc: 880.06 ng/ml



#37 AR-1262-2

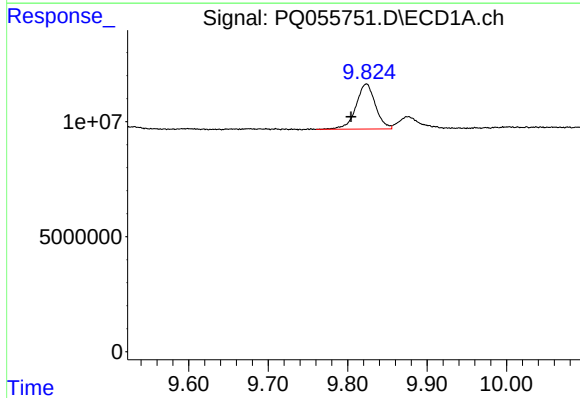
R.T.: 9.466 min
Delta R.T.: -0.007 min
Response: 55179647
Conc: 39.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



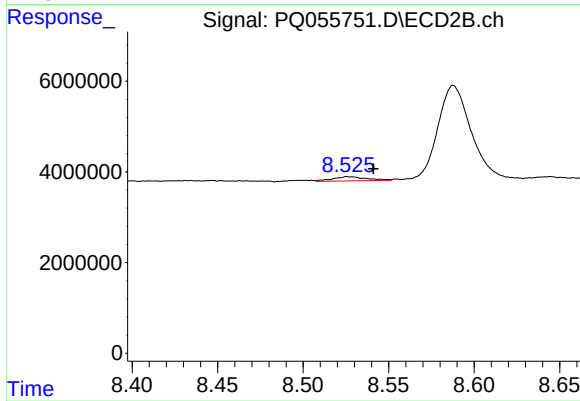
#37 AR-1262-2

R.T.: 8.237 min
Delta R.T.: -0.016 min
Response: 31548034
Conc: 26.65 ng/ml



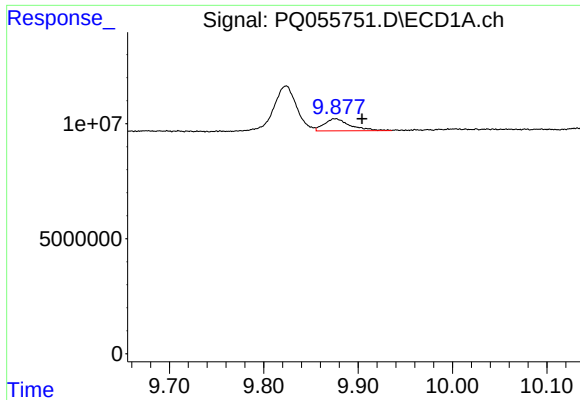
#38 AR-1262-3

R.T.: 9.824 min
Delta R.T.: 0.019 min
Response: 33287291
Conc: 44.80 ng/ml



#38 AR-1262-3

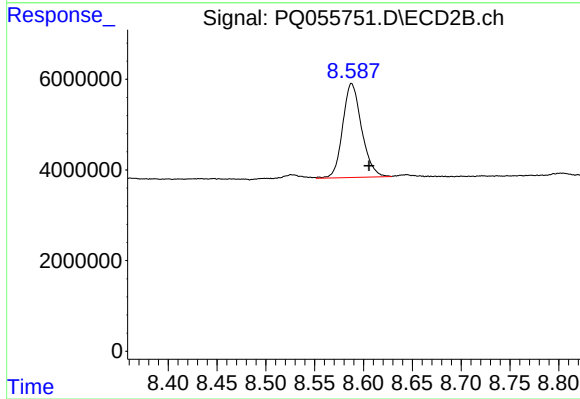
R.T.: 8.526 min
Delta R.T.: -0.015 min
Response: 1294792
Conc: 2.92 ng/ml



#39 AR-1262-4

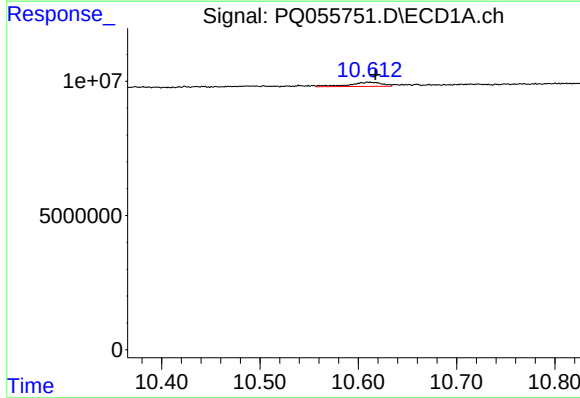
R.T.: 9.876 min
Delta R.T.: -0.028 min
Response: 10003130
Conc: 14.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



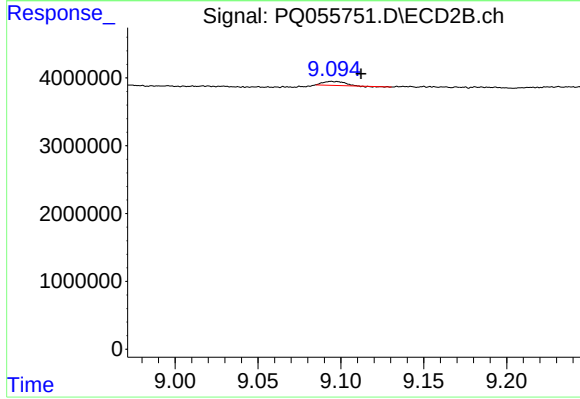
#39 AR-1262-4

R.T.: 8.588 min
Delta R.T.: -0.018 min
Response: 28003889
Conc: 33.49 ng/ml



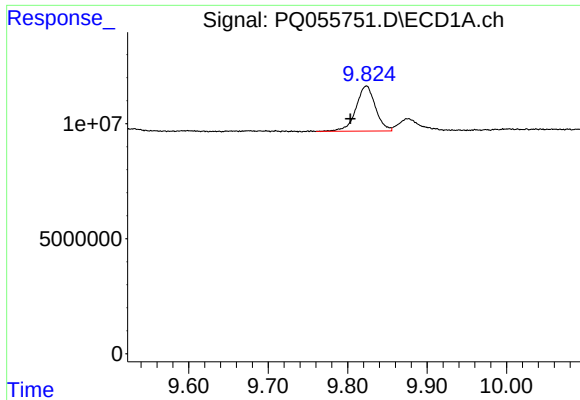
#40 AR-1262-5

R.T.: 10.611 min
Delta R.T.: -0.007 min
Response: 3631894
Conc: 5.39 ng/ml



#40 AR-1262-5

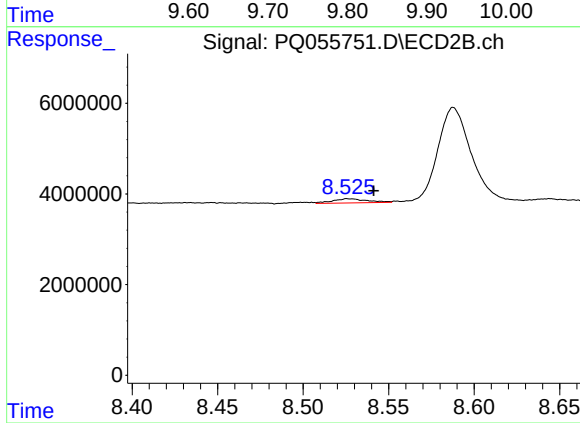
R.T.: 9.095 min
Delta R.T.: -0.018 min
Response: 506943
Conc: 1.39 ng/ml



#41 AR-1268-1

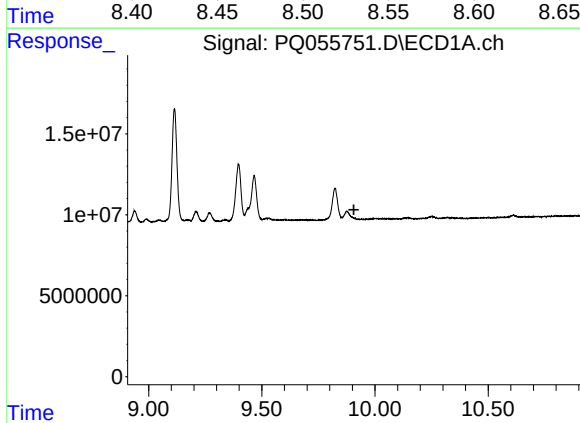
R.T.: 9.824 min
Delta R.T.: 0.020 min
Response: 33287291
Conc: 18.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



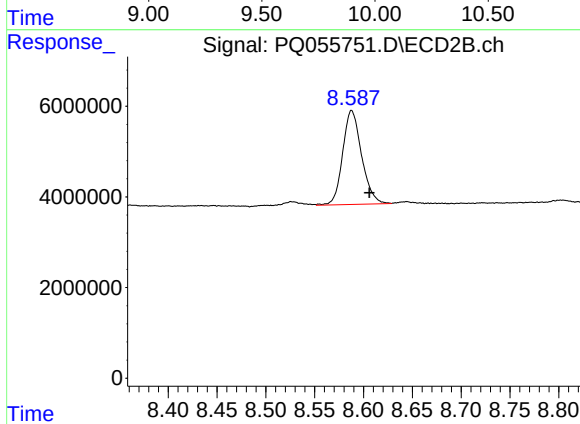
#41 AR-1268-1

R.T.: 8.526 min
Delta R.T.: -0.015 min
Response: 1294792
Conc: 0.97 ng/ml



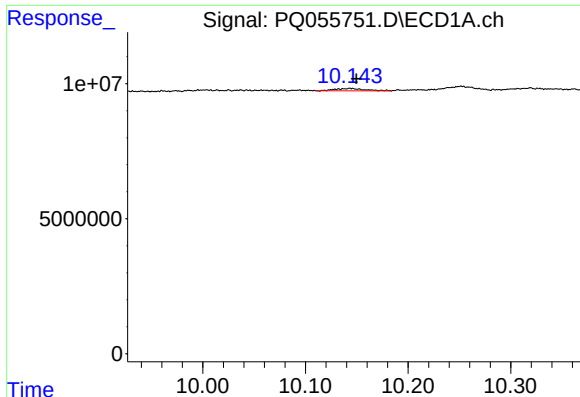
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.907 min
Response: 0
Conc: N.D.



#42 AR-1268-2

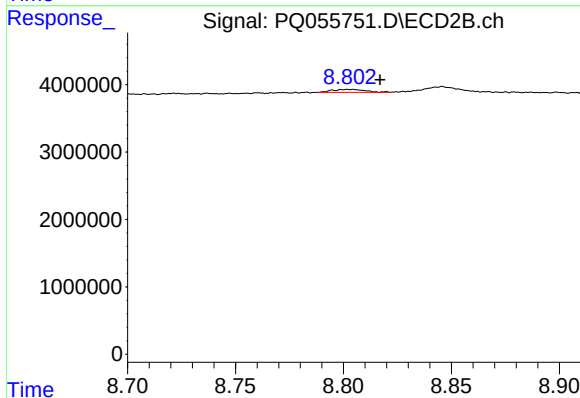
R.T.: 8.588 min
Delta R.T.: -0.018 min
Response: 28003889
Conc: 23.12 ng/ml



#43 AR-1268-3

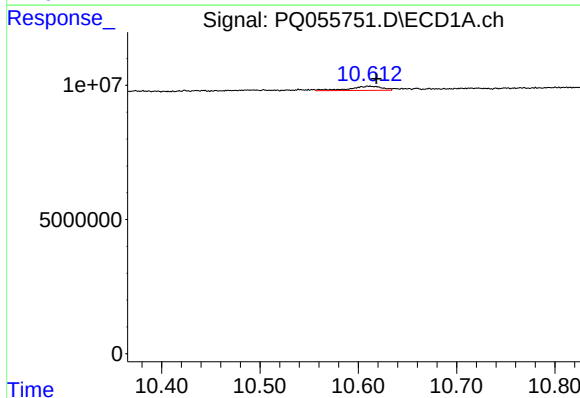
R.T.: 10.144 min
Delta R.T.: -0.006 min
Response: 1732876
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



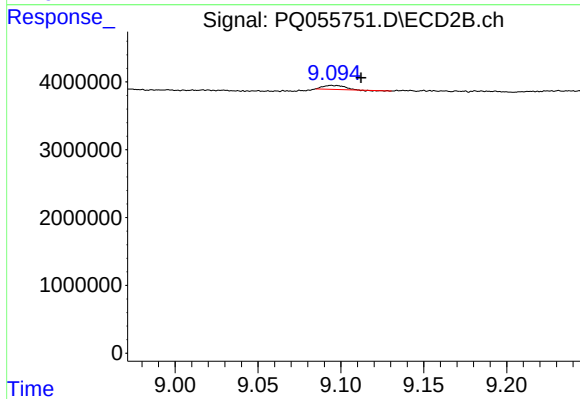
#43 AR-1268-3

R.T.: 8.803 min
Delta R.T.: -0.014 min
Response: 462720
Conc: 0.46 ng/ml



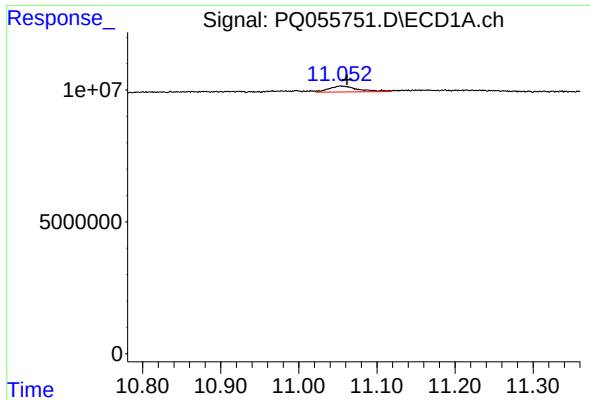
#44 AR-1268-4

R.T.: 10.611 min
Delta R.T.: -0.007 min
Response: 3631894
Conc: 4.90 ng/ml



#44 AR-1268-4

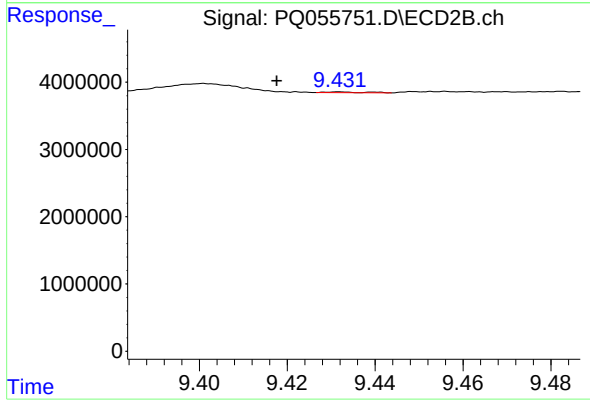
R.T.: 9.095 min
Delta R.T.: -0.018 min
Response: 506943
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: -0.008 min
Response: 5813814
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.432 min
Delta R.T.: 0.014 min
Response: 67498
Conc: 0.02 ng/ml