

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091820\
 Data File : PQ049873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2020 15:55
 Operator : DD\AJ
 Sample : L4052-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 09:40:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 2020
 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...	5.245f	4.287	186.9E6	77777447	17.532	15.002
2)	SA Decachlor...	0.000	9.623	0	887699	N.D.	0.165 #
Target Compounds							
3)	L1 AR-1016-1	6.572	5.532	2151359	989176	7.079	4.372 #
4)	L1 AR-1016-2	6.572	5.580f	2151359	2841722	4.863	9.179 #
5)	L1 AR-1016-3	6.661	5.777f	2074506	4457591	7.227	29.353 #
6)	L1 AR-1016-4	6.771	5.808	1509988	9085542	5.896	79.520 #
7)	L1 AR-1016-5	7.087	6.039	7888469	2918437	36.542	18.181 #
8)	L2 AR-1221-1	5.484	0.000	2639842	0	21.766	N.D. #
9)	L2 AR-1221-2	5.598f	4.641	9039884	3682018	99.673	86.134
10)	L2 AR-1221-3	5.687f	4.730	4606463	1185178	17.568	8.648 #
11)	L3 AR-1232-1	5.687f	4.730	4606463	1185178	21.431	10.743 #
12)	L3 AR-1232-2	6.247f	5.580f	3580995	2841722	31.779	22.226 #
13)	L3 AR-1232-3	6.572	5.777f	2151359	4457591	11.438	72.211 #
14)	L3 AR-1232-4	6.771	5.852	1509988	4488850	12.662	83.633 #
15)	L3 AR-1232-5	6.867	6.039	13493906	2918437	149.036	46.851 #
16)	L4 AR-1242-1	6.572	5.532	2151359	989176	7.349	5.184 #
17)	L4 AR-1242-2	6.572	5.580f	2151359	2841722	5.447	10.883 #
18)	L4 AR-1242-3	6.661	5.777f	2074506	4457591	8.306	31.868 #
19)	L4 AR-1242-4	6.771	5.852	1509988	4488850	7.224	34.437 #
20)	L4 AR-1242-5	7.559f	6.419	11013795	22706169	53.989	120.127 #
21)	L5 AR-1248-1	6.572	5.532	2151359	989176	11.395	7.398 #
22)	L5 AR-1248-2	6.867	5.808	13493906	9085542	50.461	57.906
23)	L5 AR-1248-3	7.087	5.852	7888469	4488850	29.615	27.057
24)	L5 AR-1248-4	7.518	6.039	15788662	2918437	50.756	14.011 #
25)	L5 AR-1248-5	7.559	6.461	11013795	4619810	36.467	20.189 #
26)	L6 AR-1254-1	7.485	6.419	25694216	22706169	90.244	68.811
27)	L6 AR-1254-2	7.715	6.578	48627531	20875600	110.146	72.517 #
28)	L6 AR-1254-3	8.100	6.999	53486922	38601112	118.835	80.530 #
29)	L6 AR-1254-4	8.398	7.239	56898242	36692084	159.032	104.923 #
30)	L6 AR-1254-5	8.829	7.669	69204777	65166109	184.344	142.673
31)	L7 AR-1260-1	8.264	7.137	30264401	20732916	85.274	63.302 #
32)	L7 AR-1260-2	8.530	7.333	46663428	32028548	106.315	67.876 #
33)	L7 AR-1260-3	8.894	7.488	11898500	19837012	34.037	50.350 #
34)	L7 AR-1260-4	9.141	7.973	31804397	5116137	81.394	15.331 #
35)	L7 AR-1260-5	9.494f	8.220	30292194	29304564	36.878	33.009
36)	L8 AR-1262-1	8.894	7.669	11898500	65166109	25.933	264.377 #
37)	L8 AR-1262-2	9.494f	8.220	30292194	29304564	36.014	30.452
38)	L8 AR-1262-3	9.828f	8.511	3307924	3725312	8.357	10.036
39)	L8 AR-1262-4	9.914	8.573	8448867	18944992	18.109	30.047 #
40)	L8 AR-1262-5	0.000	9.088f	0	8338931	N.D.	29.830 #
41)	L9 AR-1268-1	9.828f	8.511	3307924	3725312	3.181	3.320

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 Acq On : 18 Sep 2020 15:55
 Operator : DD\AJ
 Sample : L4052-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

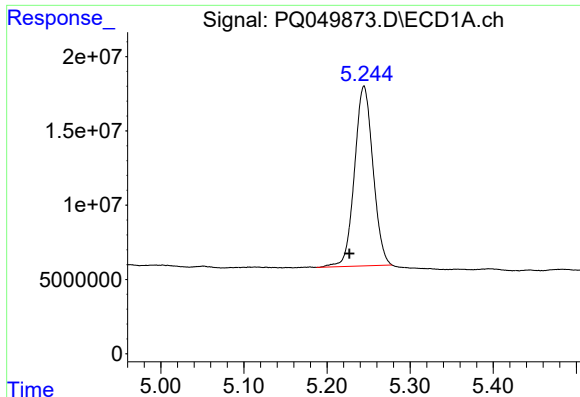
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 09:40:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 2020
 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
42) L9	AR-1268-2	9.914	8.573	8448867	18944992	8.589	20.036 #
43) L9	AR-1268-3	10.148	8.793f	2180515	1541315	2.503	2.068
44) L9	AR-1268-4	10.664f	9.088f	1045245	8338931	2.772	25.246 #

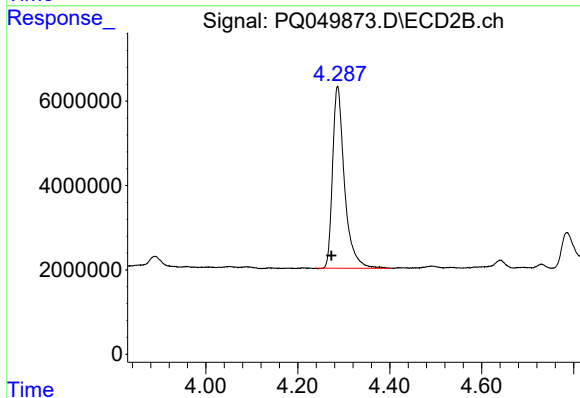
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

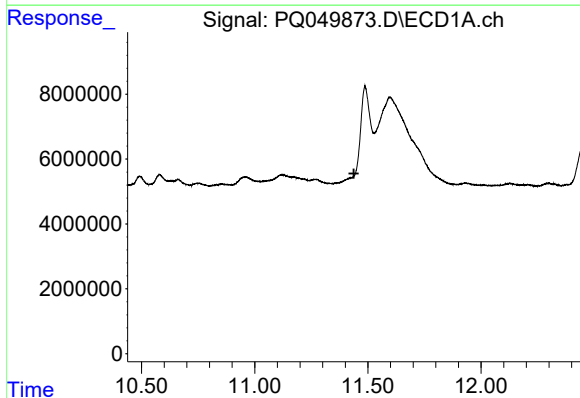
R.T.: 5.245 min
Delta R.T.: 0.018 min
Response: 186895340
Conc: 17.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



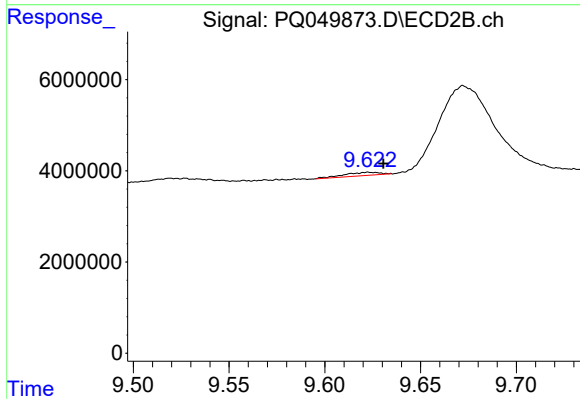
#1 Tetrachloro-m-xylene

R.T.: 4.287 min
Delta R.T.: 0.013 min
Response: 77777447
Conc: 15.00 ng/ml



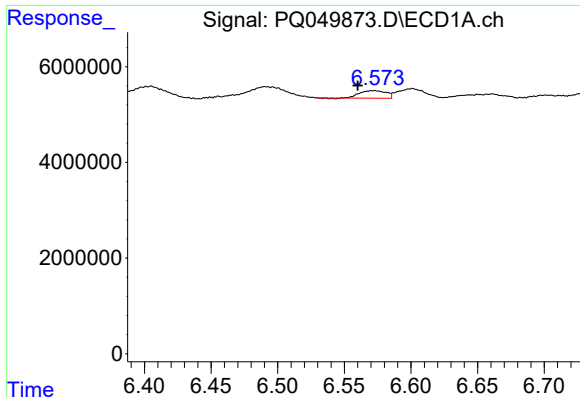
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 11.438 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

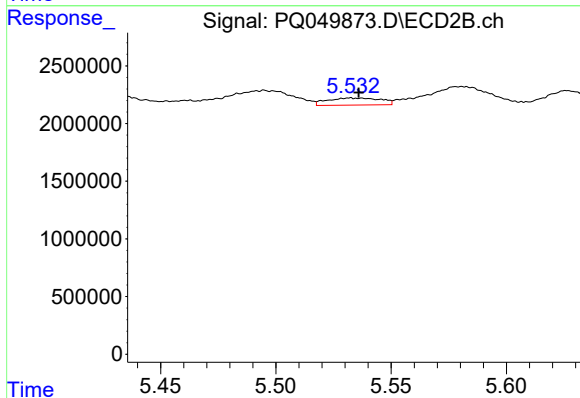
R.T.: 9.623 min
Delta R.T.: -0.008 min
Response: 887699
Conc: 0.17 ng/ml



#3 AR-1016-1

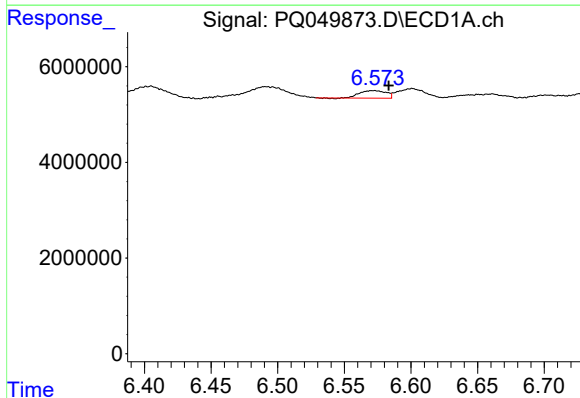
R.T.: 6.572 min
Delta R.T.: 0.012 min
Response: 2151359
Conc: 7.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



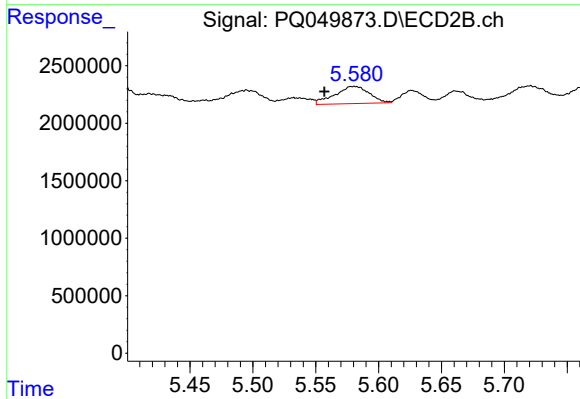
#3 AR-1016-1

R.T.: 5.532 min
Delta R.T.: -0.004 min
Response: 989176
Conc: 4.37 ng/ml



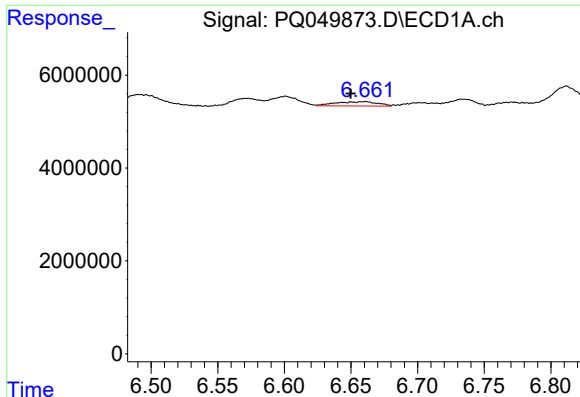
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: -0.011 min
Response: 2151359
Conc: 4.86 ng/ml



#4 AR-1016-2

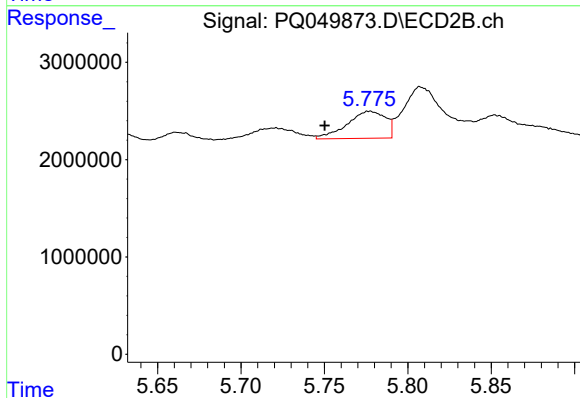
R.T.: 5.580 min
Delta R.T.: 0.023 min
Response: 2841722
Conc: 9.18 ng/ml



#5 AR-1016-3

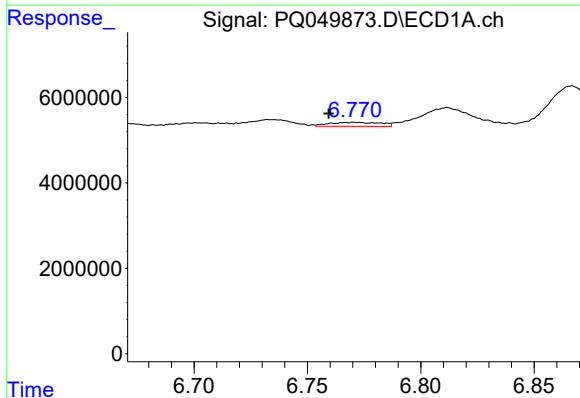
R.T.: 6.661 min
Delta R.T.: 0.011 min
Response: 2074506
Conc: 7.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



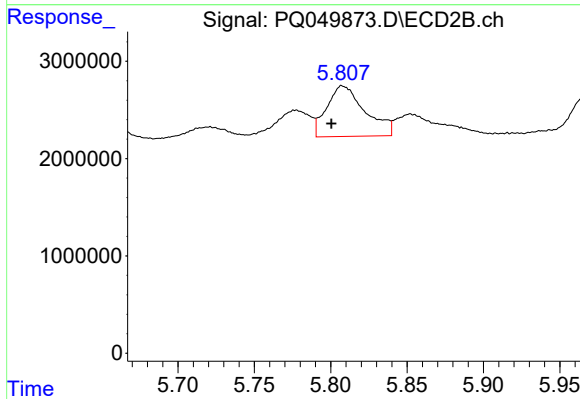
#5 AR-1016-3

R.T.: 5.777 min
Delta R.T.: 0.027 min
Response: 4457591
Conc: 29.35 ng/ml



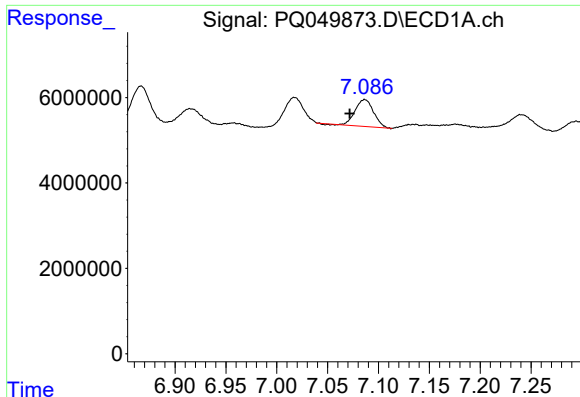
#6 AR-1016-4

R.T.: 6.771 min
Delta R.T.: 0.012 min
Response: 1509988
Conc: 5.90 ng/ml



#6 AR-1016-4

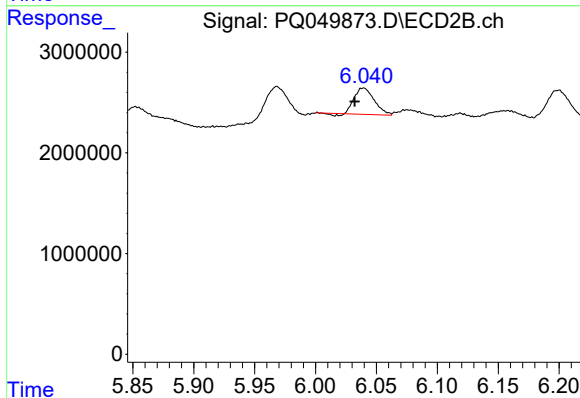
R.T.: 5.808 min
Delta R.T.: 0.007 min
Response: 9085542
Conc: 79.52 ng/ml



#7 AR-1016-5

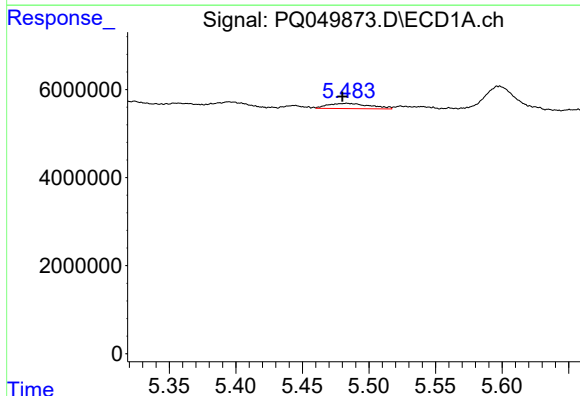
R.T.: 7.087 min
Delta R.T.: 0.015 min
Response: 7888469
Conc: 36.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



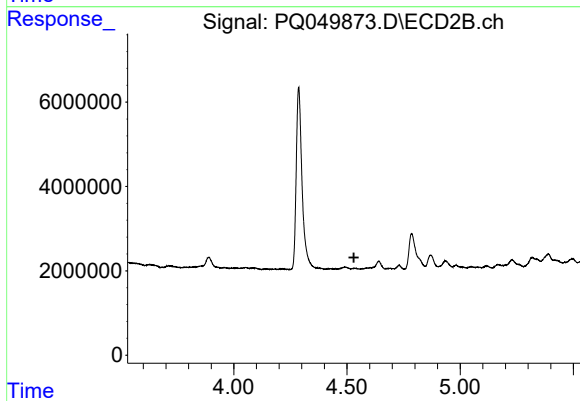
#7 AR-1016-5

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 2918437
Conc: 18.18 ng/ml



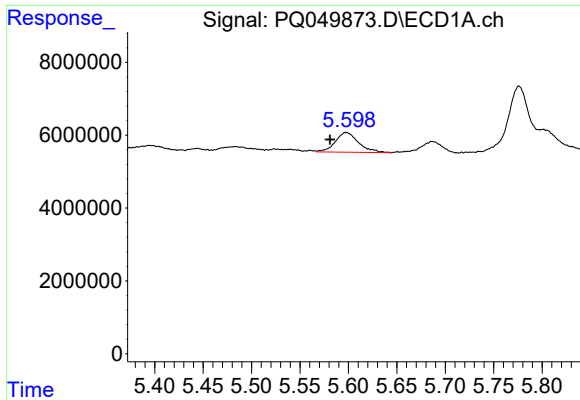
#8 AR-1221-1

R.T.: 5.484 min
Delta R.T.: 0.003 min
Response: 2639842
Conc: 21.77 ng/ml



#8 AR-1221-1

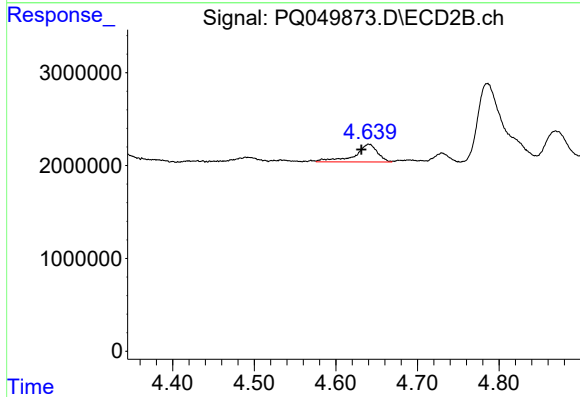
R.T.: 0.000 min
Exp R.T. : 4.530 min
Response: 0
Conc: N.D.



#9 AR-1221-2

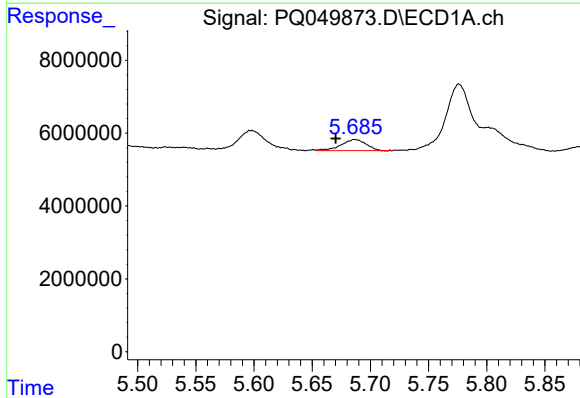
R.T.: 5.598 min
Delta R.T.: 0.016 min
Response: 9039884
Conc: 99.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



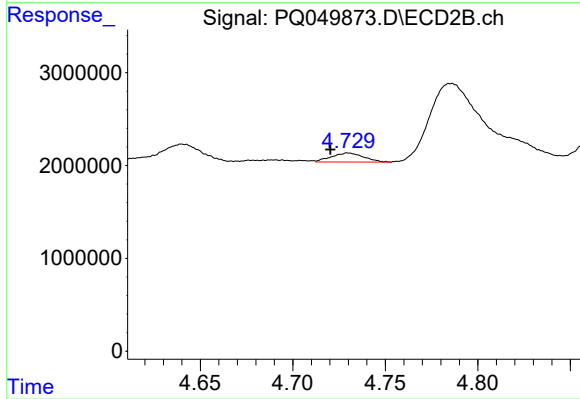
#9 AR-1221-2

R.T.: 4.641 min
Delta R.T.: 0.009 min
Response: 3682018
Conc: 86.13 ng/ml



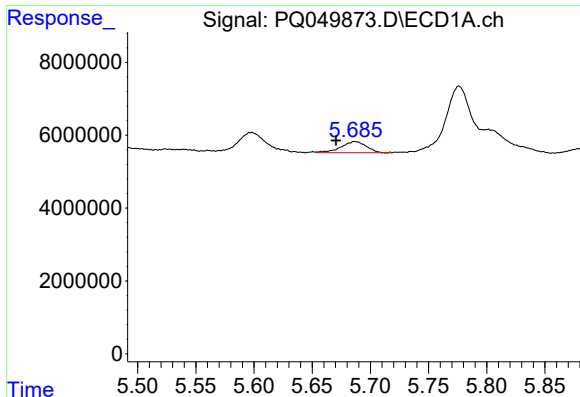
#10 AR-1221-3

R.T.: 5.687 min
Delta R.T.: 0.017 min
Response: 4606463
Conc: 17.57 ng/ml



#10 AR-1221-3

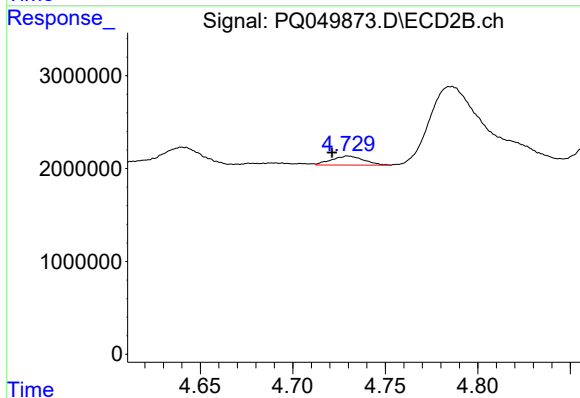
R.T.: 4.730 min
Delta R.T.: 0.010 min
Response: 1185178
Conc: 8.65 ng/ml



#11 AR-1232-1

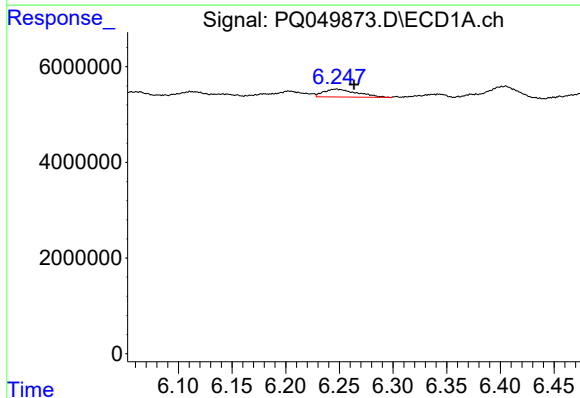
R.T.: 5.687 min
Delta R.T.: 0.016 min
Response: 4606463
Conc: 21.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



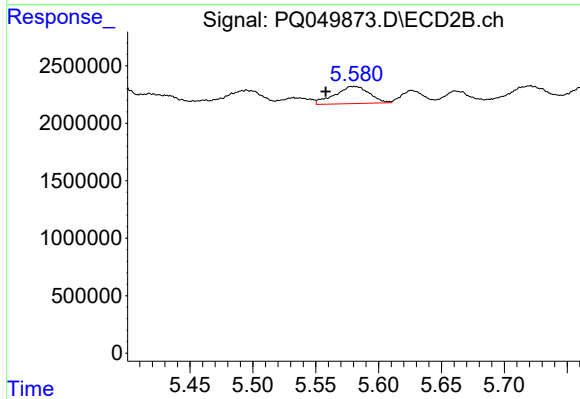
#11 AR-1232-1

R.T.: 4.730 min
Delta R.T.: 0.009 min
Response: 1185178
Conc: 10.74 ng/ml



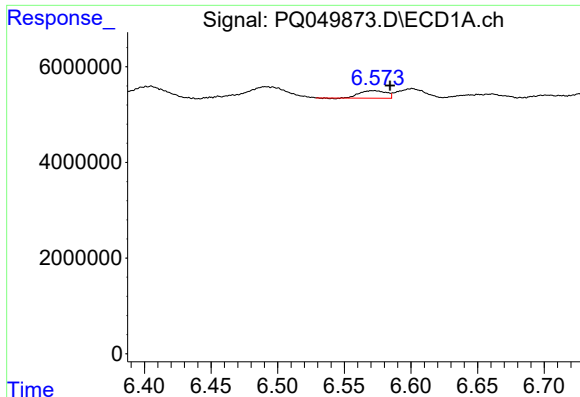
#12 AR-1232-2

R.T.: 6.247 min
Delta R.T.: -0.017 min
Response: 3580995
Conc: 31.78 ng/ml



#12 AR-1232-2

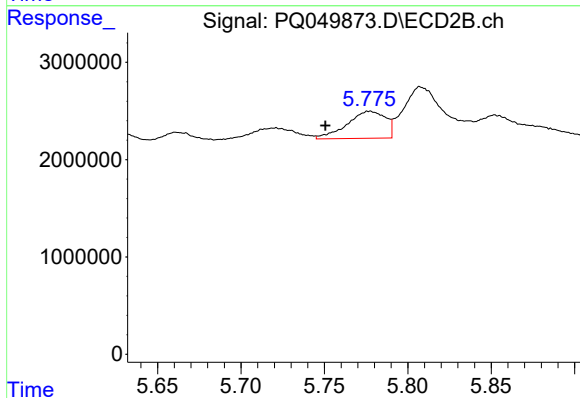
R.T.: 5.580 min
Delta R.T.: 0.022 min
Response: 2841722
Conc: 22.23 ng/ml



#13 AR-1232-3

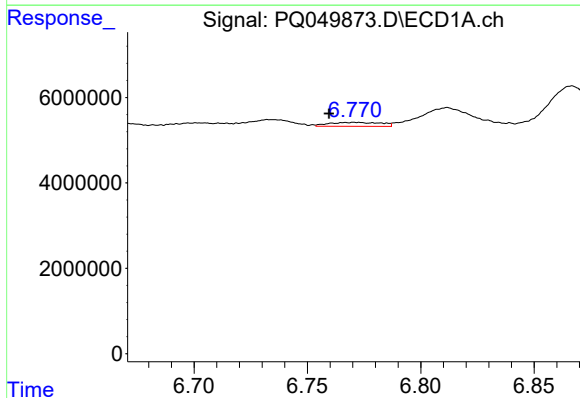
R.T.: 6.572 min
Delta R.T.: -0.012 min
Response: 2151359
Conc: 11.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



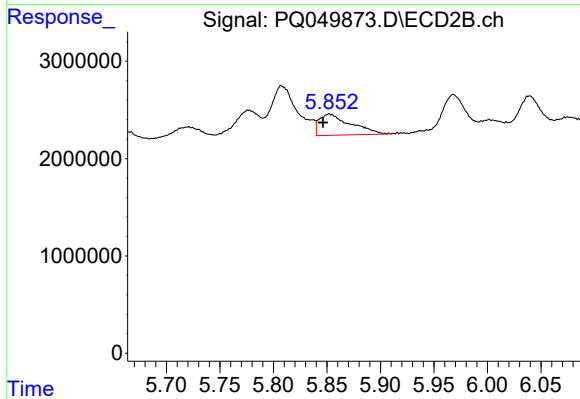
#13 AR-1232-3

R.T.: 5.777 min
Delta R.T.: 0.026 min
Response: 4457591
Conc: 72.21 ng/ml



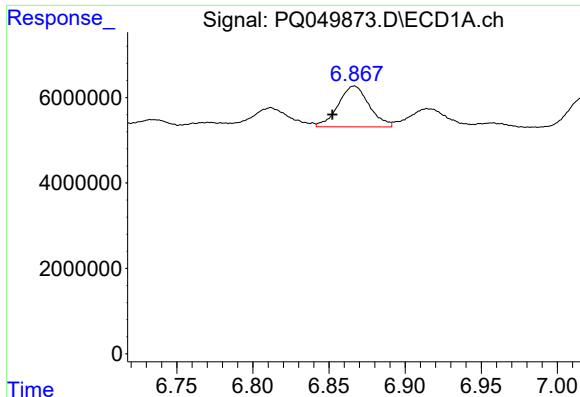
#14 AR-1232-4

R.T.: 6.771 min
Delta R.T.: 0.012 min
Response: 1509988
Conc: 12.66 ng/ml



#14 AR-1232-4

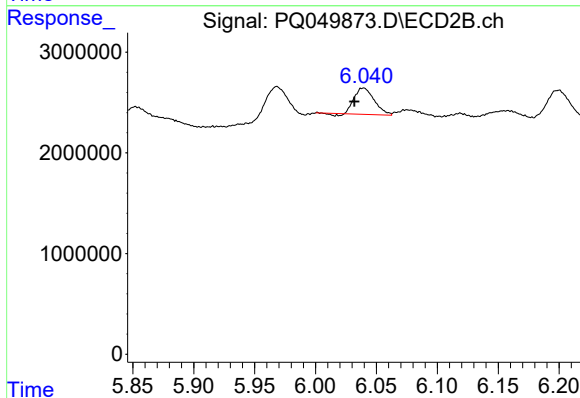
R.T.: 5.852 min
Delta R.T.: 0.006 min
Response: 4488850
Conc: 83.63 ng/ml



#15 AR-1232-5

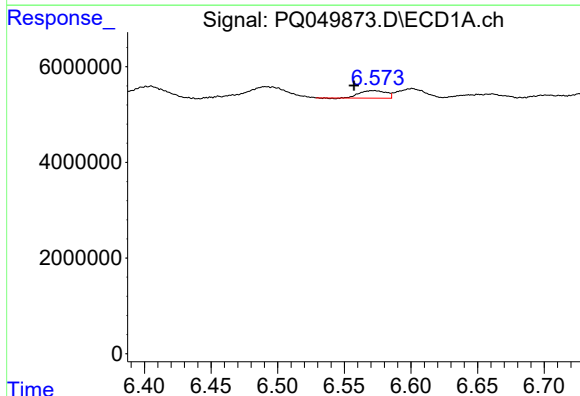
R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 13493906
Conc: 149.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



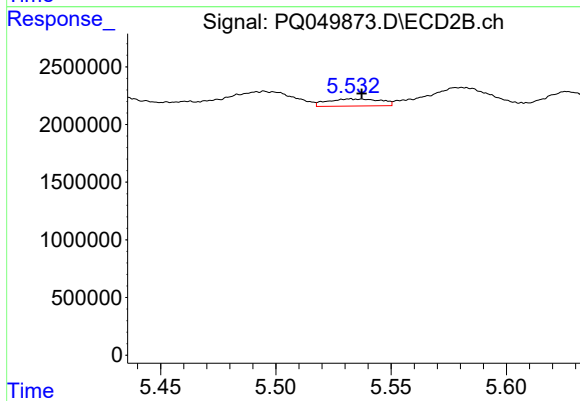
#15 AR-1232-5

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 2918437
Conc: 46.85 ng/ml



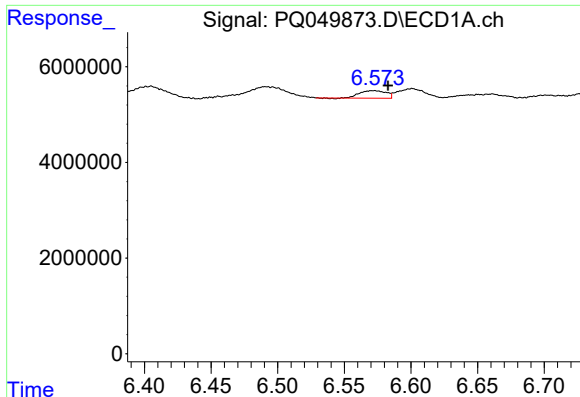
#16 AR-1242-1

R.T.: 6.572 min
Delta R.T.: 0.015 min
Response: 2151359
Conc: 7.35 ng/ml



#16 AR-1242-1

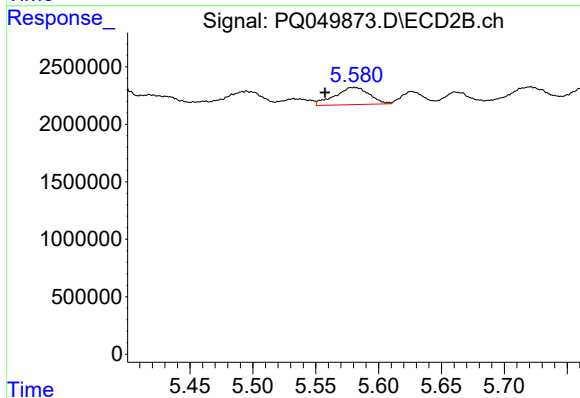
R.T.: 5.532 min
Delta R.T.: -0.005 min
Response: 989176
Conc: 5.18 ng/ml



#17 AR-1242-2

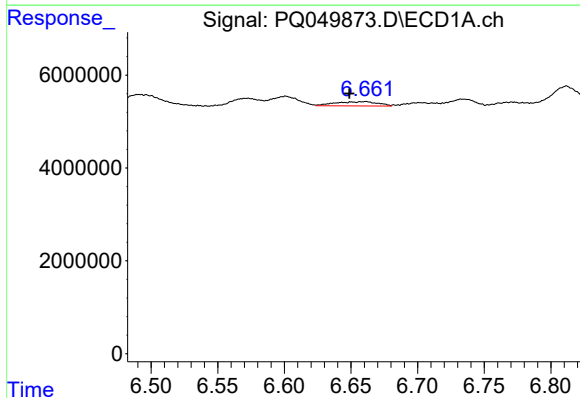
R.T.: 6.572 min
Delta R.T.: -0.011 min
Response: 2151359
Conc: 5.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



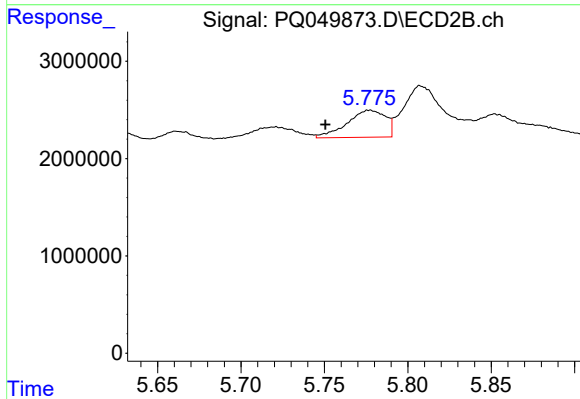
#17 AR-1242-2

R.T.: 5.580 min
Delta R.T.: 0.023 min
Response: 2841722
Conc: 10.88 ng/ml



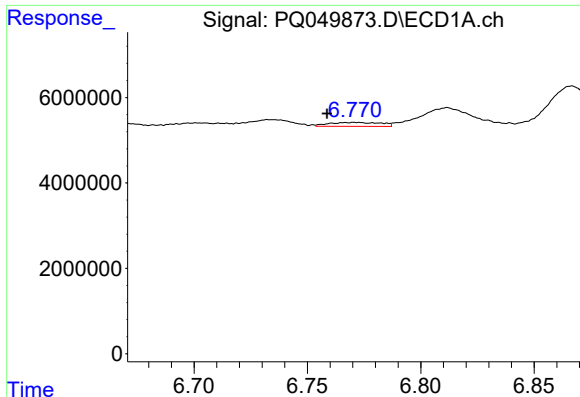
#18 AR-1242-3

R.T.: 6.661 min
Delta R.T.: 0.012 min
Response: 2074506
Conc: 8.31 ng/ml



#18 AR-1242-3

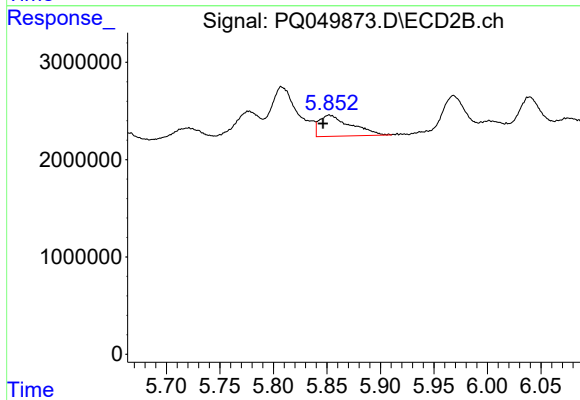
R.T.: 5.777 min
Delta R.T.: 0.026 min
Response: 4457591
Conc: 31.87 ng/ml



#19 AR-1242-4

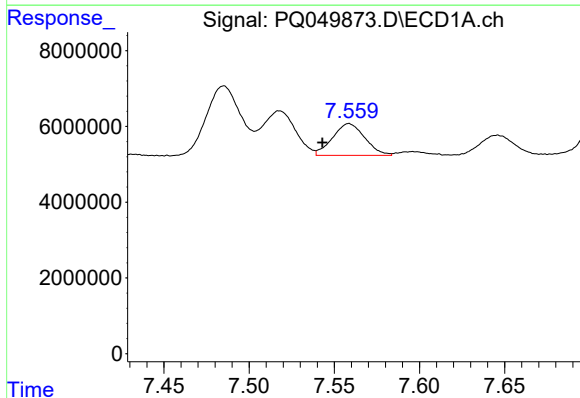
R.T.: 6.771 min
Delta R.T.: 0.013 min
Response: 1509988
Conc: 7.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



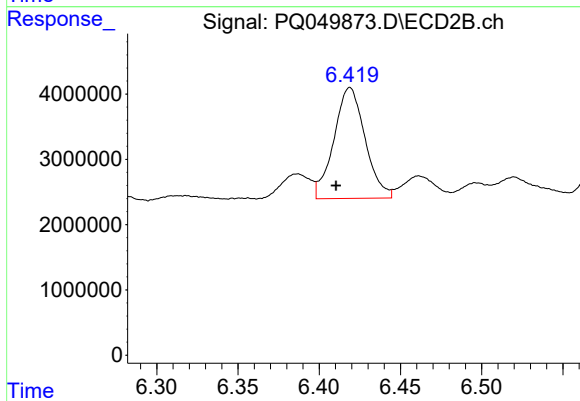
#19 AR-1242-4

R.T.: 5.852 min
Delta R.T.: 0.006 min
Response: 4488850
Conc: 34.44 ng/ml



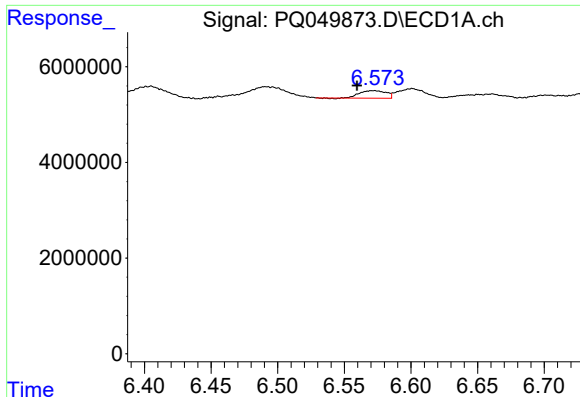
#20 AR-1242-5

R.T.: 7.559 min
Delta R.T.: 0.016 min
Response: 11013795
Conc: 53.99 ng/ml



#20 AR-1242-5

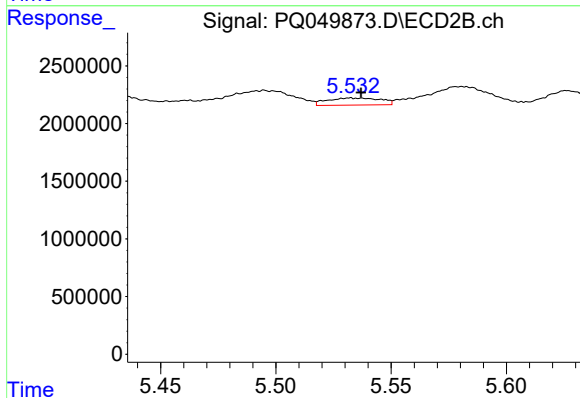
R.T.: 6.419 min
Delta R.T.: 0.009 min
Response: 22706169
Conc: 120.13 ng/ml



#21 AR-1248-1

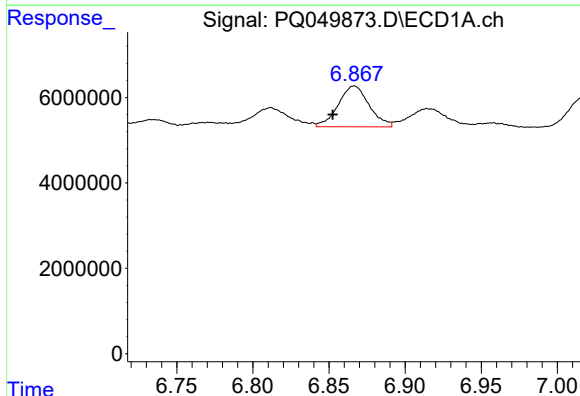
R.T.: 6.572 min
Delta R.T.: 0.013 min
Response: 2151359
Conc: 11.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



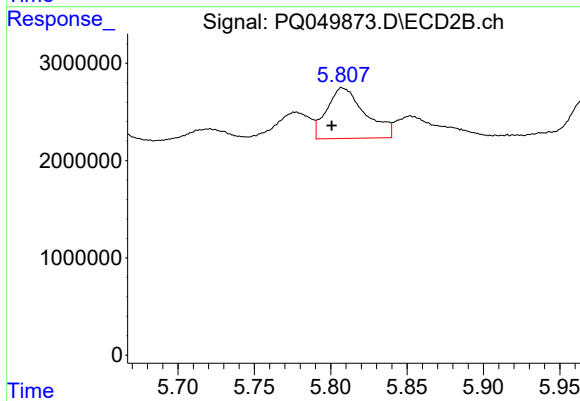
#21 AR-1248-1

R.T.: 5.532 min
Delta R.T.: -0.005 min
Response: 989176
Conc: 7.40 ng/ml



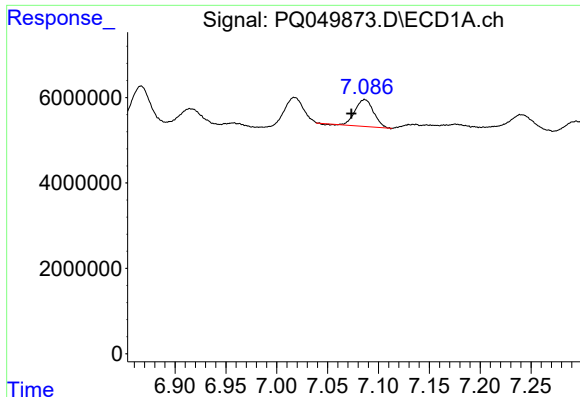
#22 AR-1248-2

R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 13493906
Conc: 50.46 ng/ml



#22 AR-1248-2

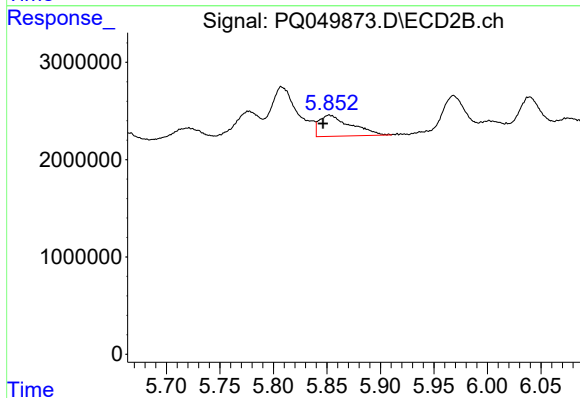
R.T.: 5.808 min
Delta R.T.: 0.007 min
Response: 9085542
Conc: 57.91 ng/ml



#23 AR-1248-3

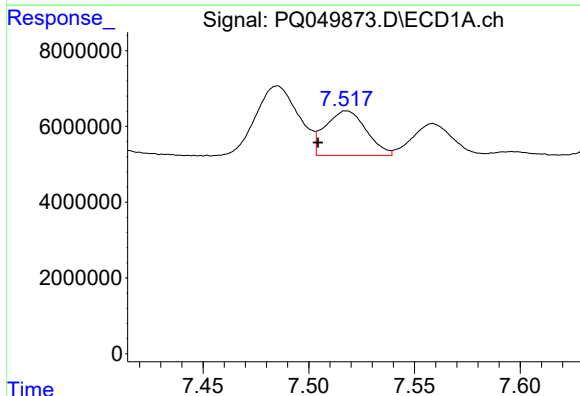
R.T.: 7.087 min
Delta R.T.: 0.013 min
Response: 7888469
Conc: 29.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



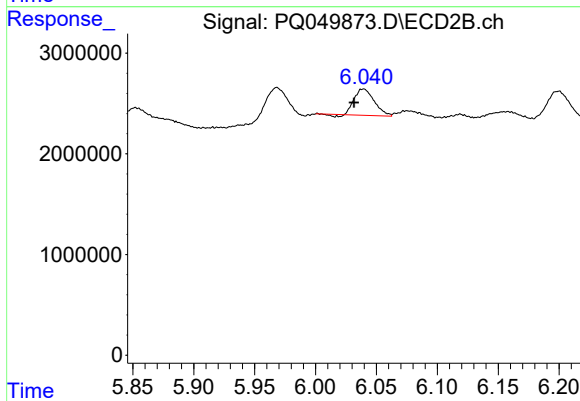
#23 AR-1248-3

R.T.: 5.852 min
Delta R.T.: 0.006 min
Response: 4488850
Conc: 27.06 ng/ml



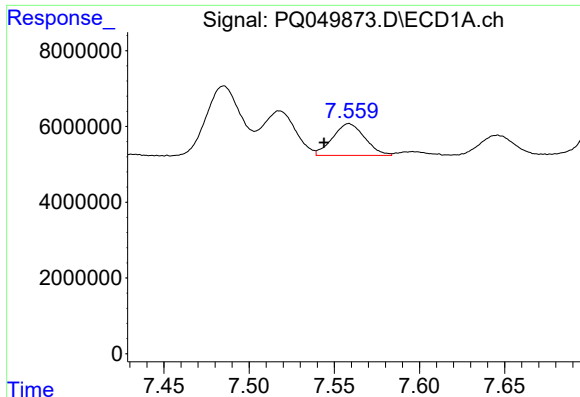
#24 AR-1248-4

R.T.: 7.518 min
Delta R.T.: 0.013 min
Response: 15788662
Conc: 50.76 ng/ml



#24 AR-1248-4

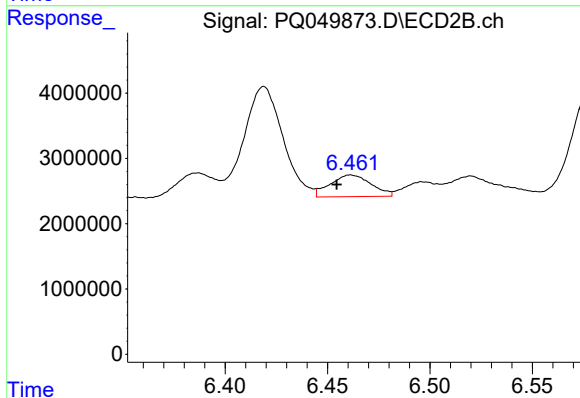
R.T.: 6.039 min
Delta R.T.: 0.008 min
Response: 2918437
Conc: 14.01 ng/ml



#25 AR-1248-5

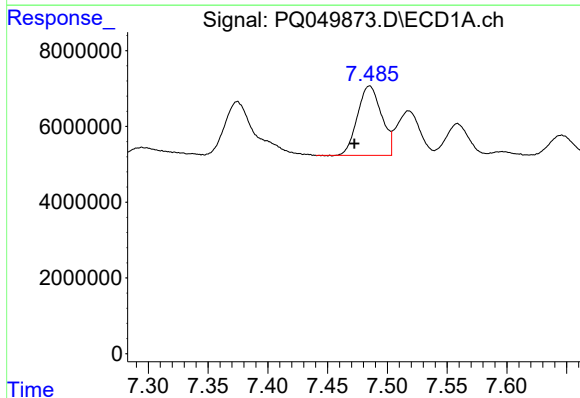
R.T.: 7.559 min
Delta R.T.: 0.015 min
Response: 11013795
Conc: 36.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



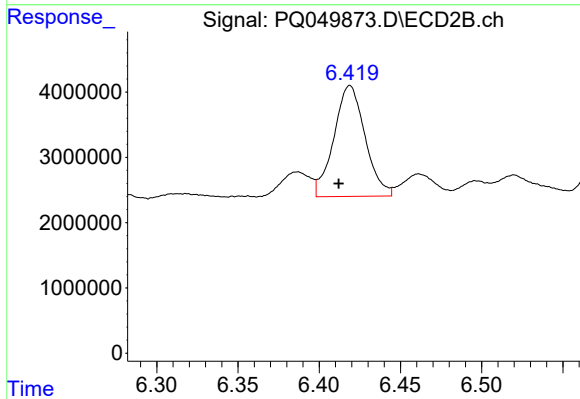
#25 AR-1248-5

R.T.: 6.461 min
Delta R.T.: 0.007 min
Response: 4619810
Conc: 20.19 ng/ml



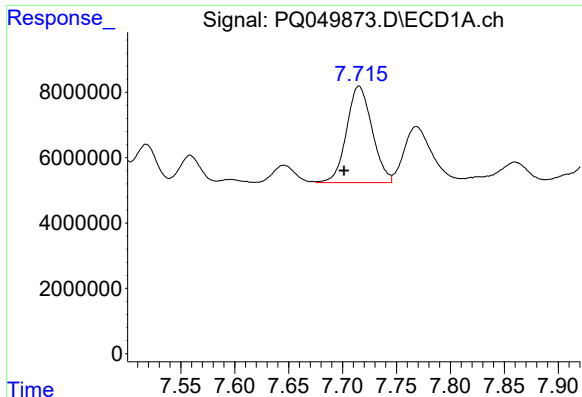
#26 AR-1254-1

R.T.: 7.485 min
Delta R.T.: 0.013 min
Response: 25694216
Conc: 90.24 ng/ml



#26 AR-1254-1

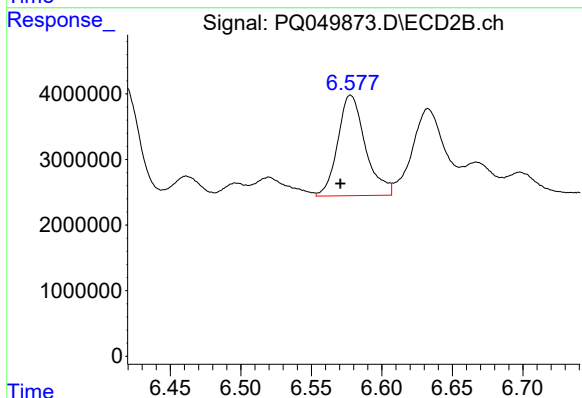
R.T.: 6.419 min
Delta R.T.: 0.007 min
Response: 22706169
Conc: 68.81 ng/ml



#27 AR-1254-2

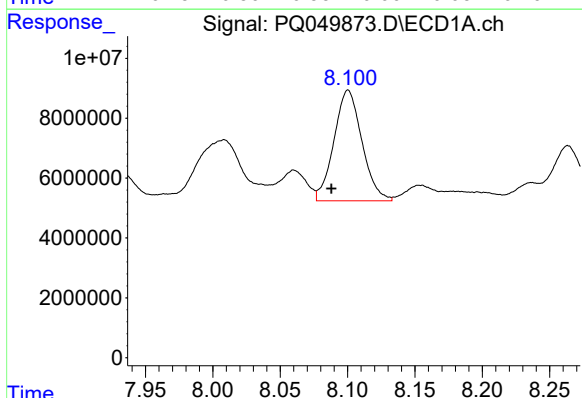
R.T.: 7.715 min
Delta R.T.: 0.014 min
Response: 48627531
Conc: 110.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



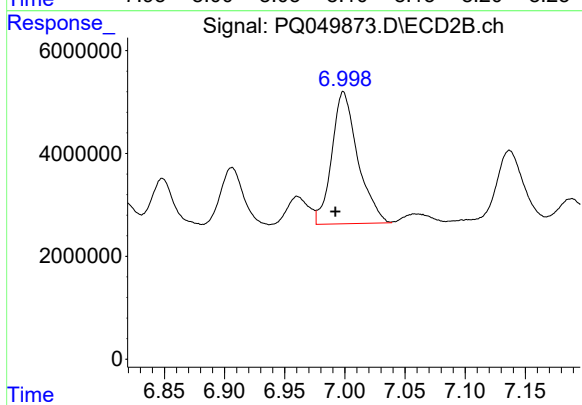
#27 AR-1254-2

R.T.: 6.578 min
Delta R.T.: 0.007 min
Response: 20875600
Conc: 72.52 ng/ml



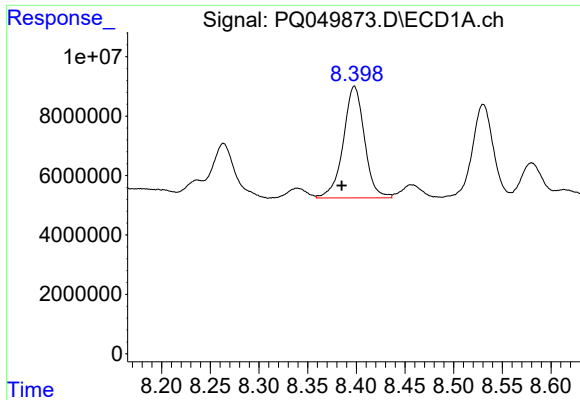
#28 AR-1254-3

R.T.: 8.100 min
Delta R.T.: 0.013 min
Response: 53486922
Conc: 118.84 ng/ml



#28 AR-1254-3

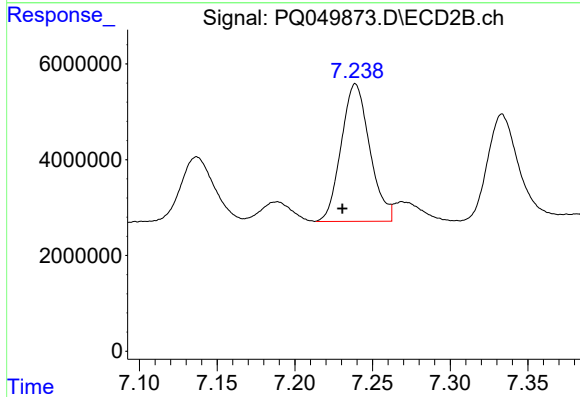
R.T.: 6.999 min
Delta R.T.: 0.007 min
Response: 38601112
Conc: 80.53 ng/ml



#29 AR-1254-4

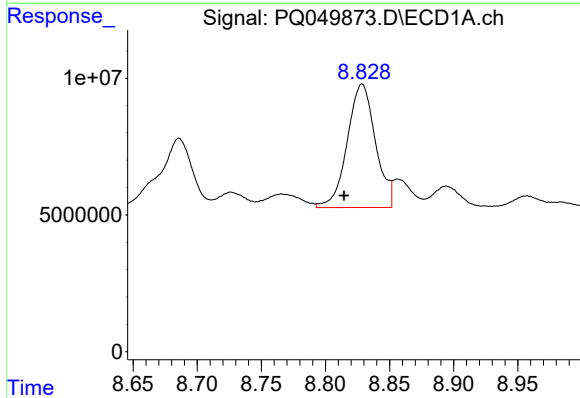
R.T.: 8.398 min
Delta R.T.: 0.013 min
Response: 56898242
Conc: 159.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



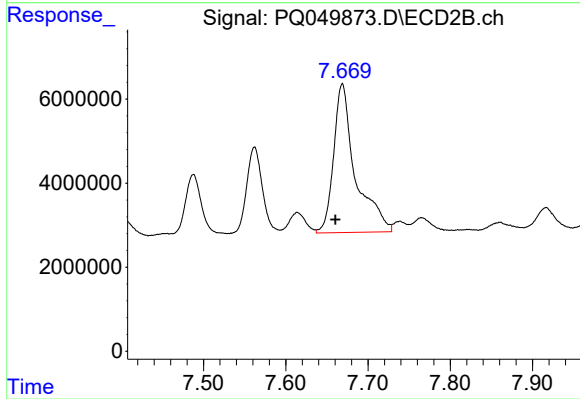
#29 AR-1254-4

R.T.: 7.239 min
Delta R.T.: 0.008 min
Response: 36692084
Conc: 104.92 ng/ml



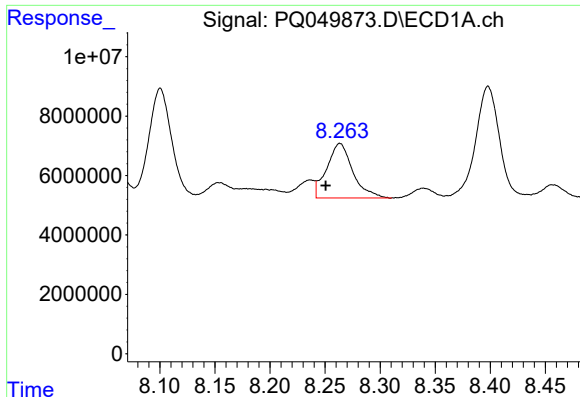
#30 AR-1254-5

R.T.: 8.829 min
Delta R.T.: 0.014 min
Response: 69204777
Conc: 184.34 ng/ml



#30 AR-1254-5

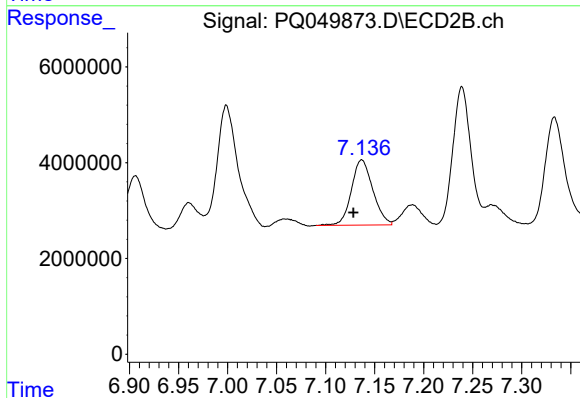
R.T.: 7.669 min
Delta R.T.: 0.008 min
Response: 65166109
Conc: 142.67 ng/ml



#31 AR-1260-1

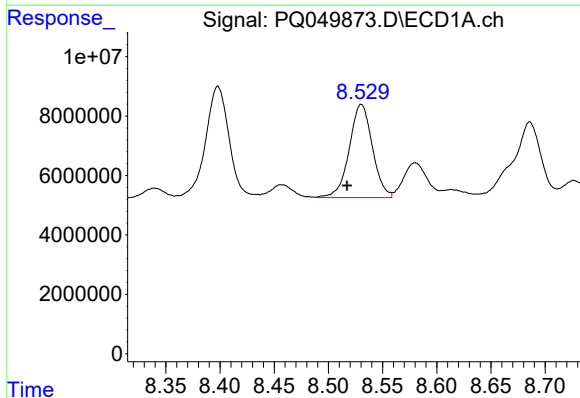
R.T.: 8.264 min
Delta R.T.: 0.013 min
Response: 30264401
Conc: 85.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



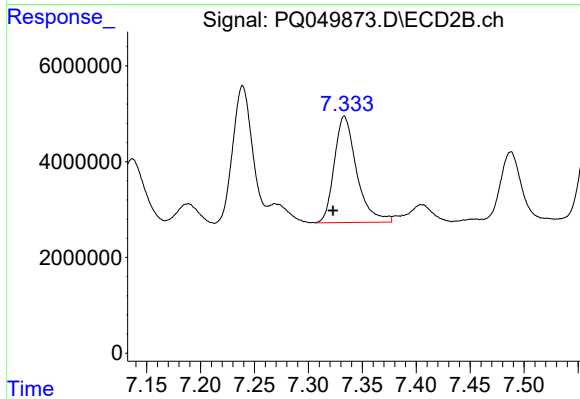
#31 AR-1260-1

R.T.: 7.137 min
Delta R.T.: 0.009 min
Response: 20732916
Conc: 63.30 ng/ml



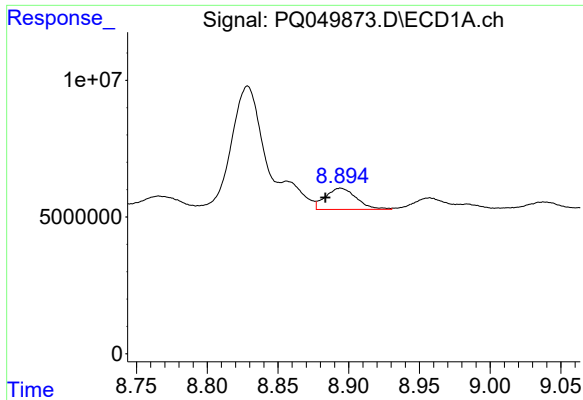
#32 AR-1260-2

R.T.: 8.530 min
Delta R.T.: 0.013 min
Response: 46663428
Conc: 106.31 ng/ml



#32 AR-1260-2

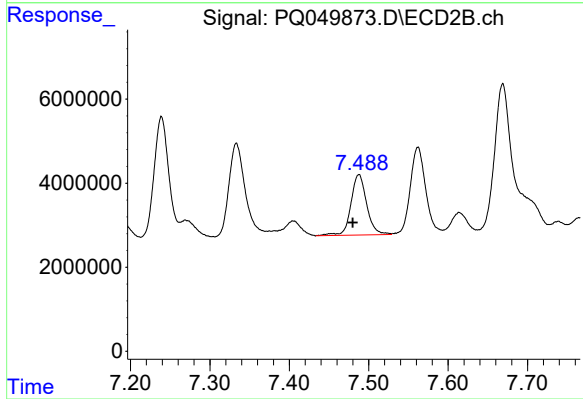
R.T.: 7.333 min
Delta R.T.: 0.010 min
Response: 32028548
Conc: 67.88 ng/ml



#33 AR-1260-3

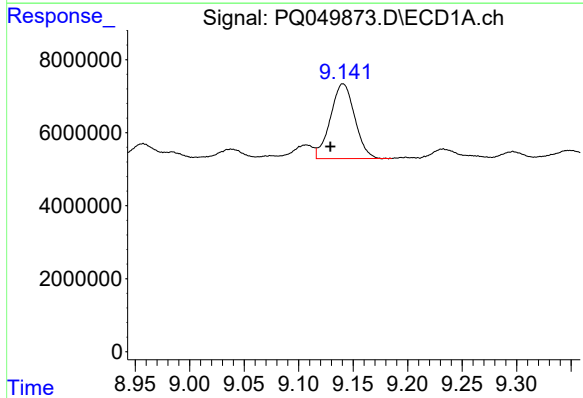
R.T.: 8.894 min
Delta R.T.: 0.011 min
Response: 11898500
Conc: 34.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



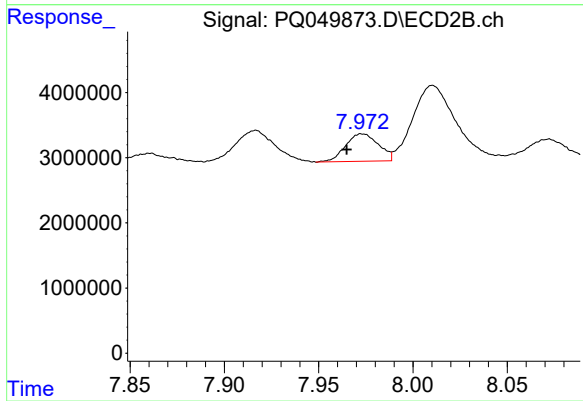
#33 AR-1260-3

R.T.: 7.488 min
Delta R.T.: 0.008 min
Response: 19837012
Conc: 50.35 ng/ml



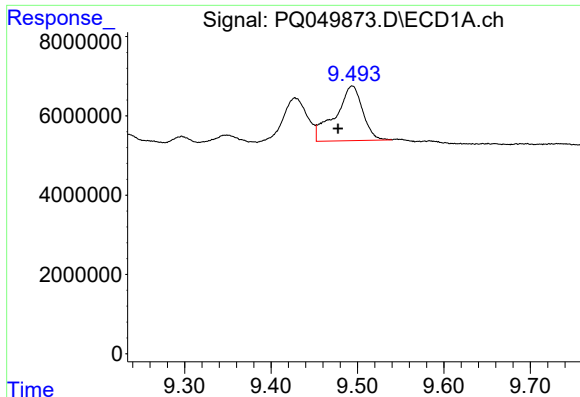
#34 AR-1260-4

R.T.: 9.141 min
Delta R.T.: 0.012 min
Response: 31804397
Conc: 81.39 ng/ml



#34 AR-1260-4

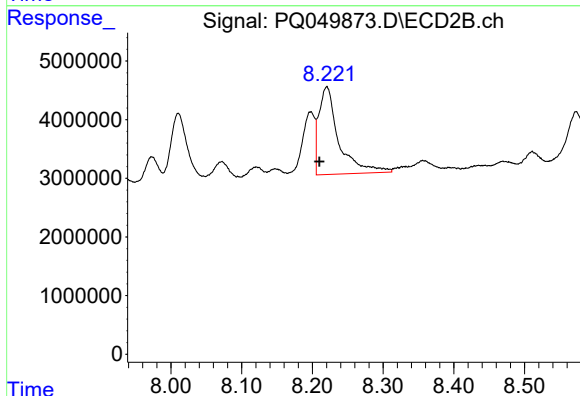
R.T.: 7.973 min
Delta R.T.: 0.008 min
Response: 5116137
Conc: 15.33 ng/ml



#35 AR-1260-5

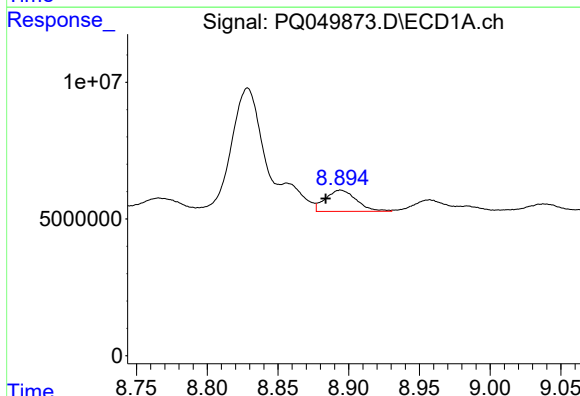
R.T.: 9.494 min
Delta R.T.: 0.016 min
Response: 30292194
Conc: 36.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



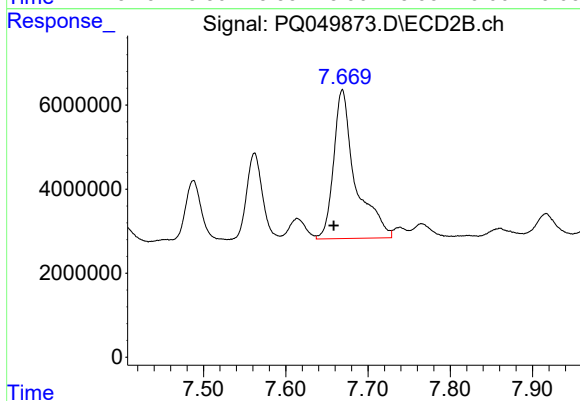
#35 AR-1260-5

R.T.: 8.220 min
Delta R.T.: 0.010 min
Response: 29304564
Conc: 33.01 ng/ml



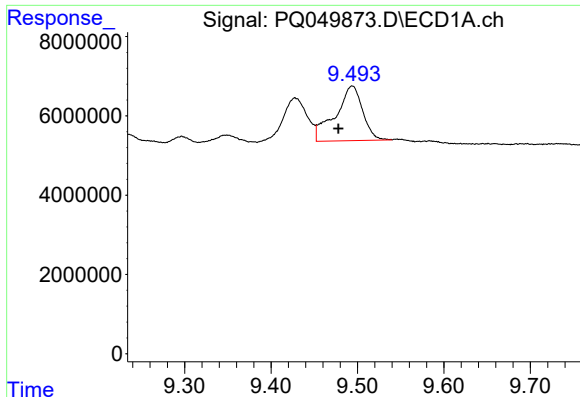
#36 AR-1262-1

R.T.: 8.894 min
Delta R.T.: 0.010 min
Response: 11898500
Conc: 25.93 ng/ml



#36 AR-1262-1

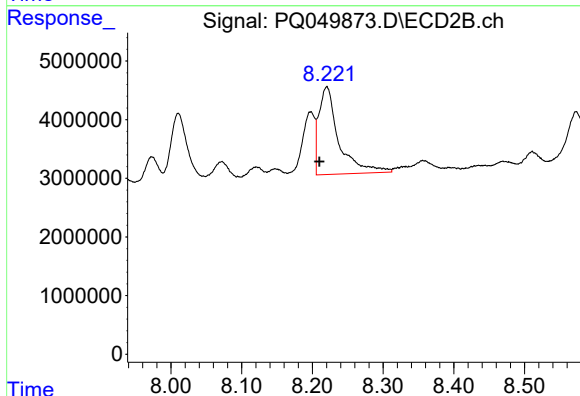
R.T.: 7.669 min
Delta R.T.: 0.010 min
Response: 65166109
Conc: 264.38 ng/ml



#37 AR-1262-2

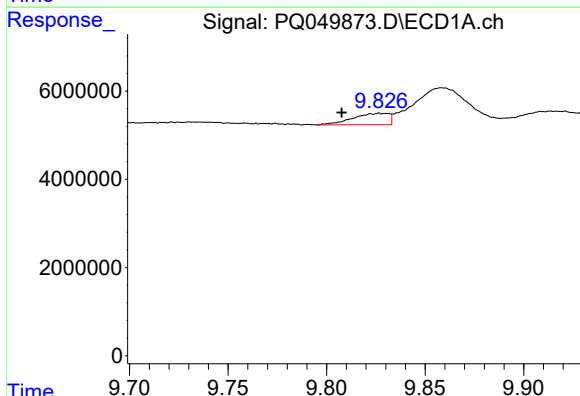
R.T.: 9.494 min
Delta R.T.: 0.016 min
Response: 30292194
Conc: 36.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



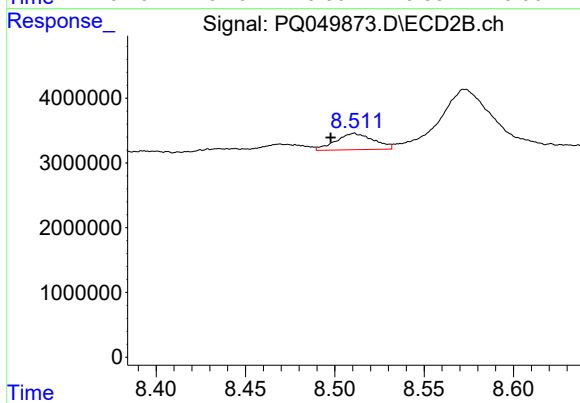
#37 AR-1262-2

R.T.: 8.220 min
Delta R.T.: 0.011 min
Response: 29304564
Conc: 30.45 ng/ml



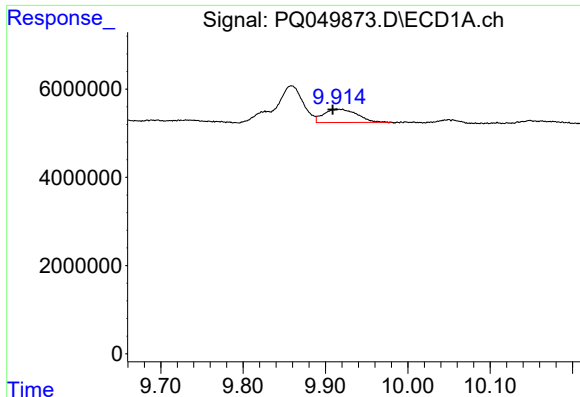
#38 AR-1262-3

R.T.: 9.828 min
Delta R.T.: 0.020 min
Response: 3307924
Conc: 8.36 ng/ml



#38 AR-1262-3

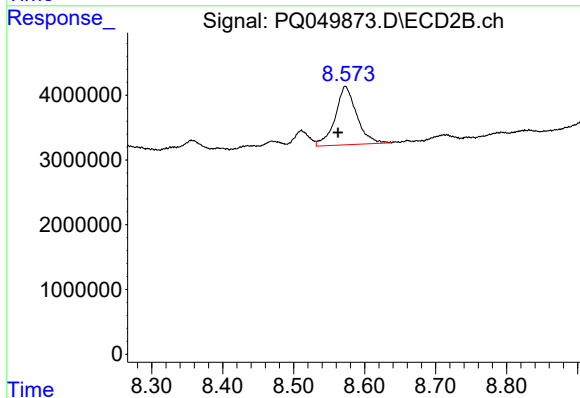
R.T.: 8.511 min
Delta R.T.: 0.013 min
Response: 3725312
Conc: 10.04 ng/ml



#39 AR-1262-4

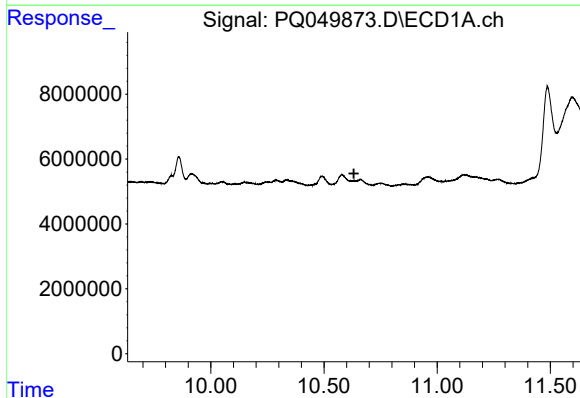
R.T.: 9.914 min
Delta R.T.: 0.006 min
Response: 8448867
Conc: 18.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



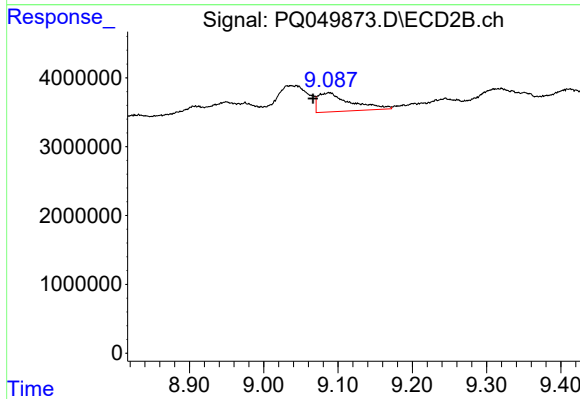
#39 AR-1262-4

R.T.: 8.573 min
Delta R.T.: 0.010 min
Response: 18944992
Conc: 30.05 ng/ml



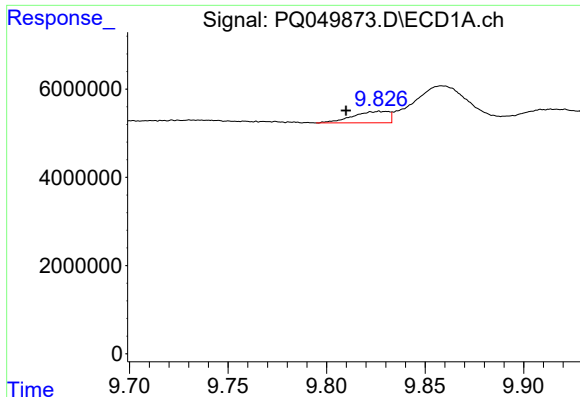
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.632 min
Response: 0
Conc: N.D.



#40 AR-1262-5

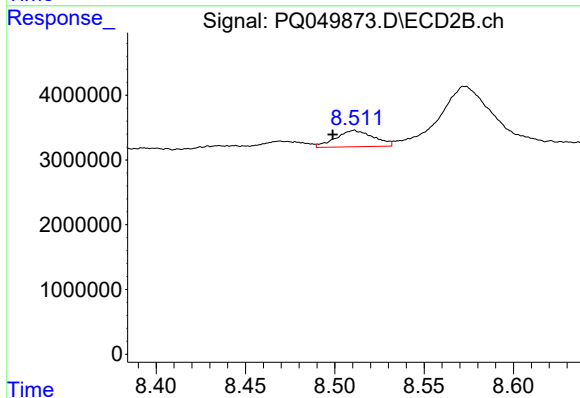
R.T.: 9.088 min
Delta R.T.: 0.021 min
Response: 8338931
Conc: 29.83 ng/ml



#41 AR-1268-1

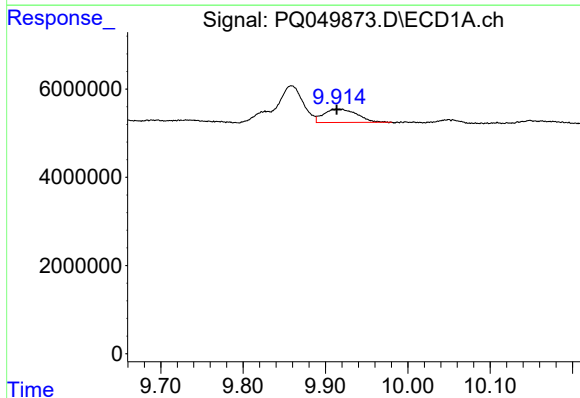
R.T.: 9.828 min
Delta R.T.: 0.018 min
Response: 3307924
Conc: 3.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



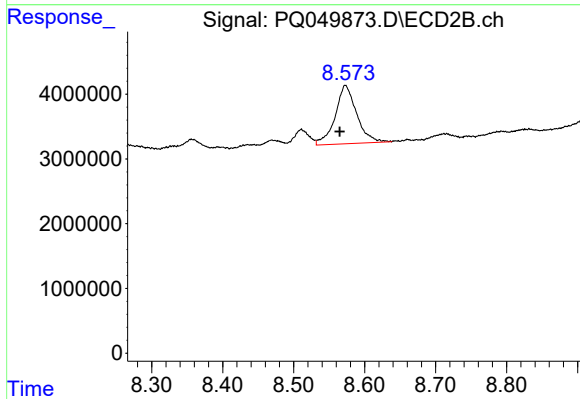
#41 AR-1268-1

R.T.: 8.511 min
Delta R.T.: 0.012 min
Response: 3725312
Conc: 3.32 ng/ml



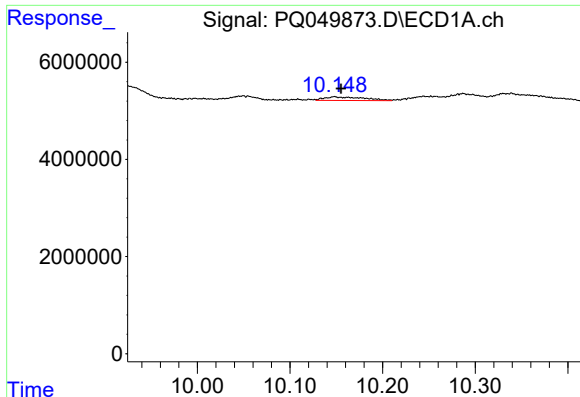
#42 AR-1268-2

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 8448867
Conc: 8.59 ng/ml



#42 AR-1268-2

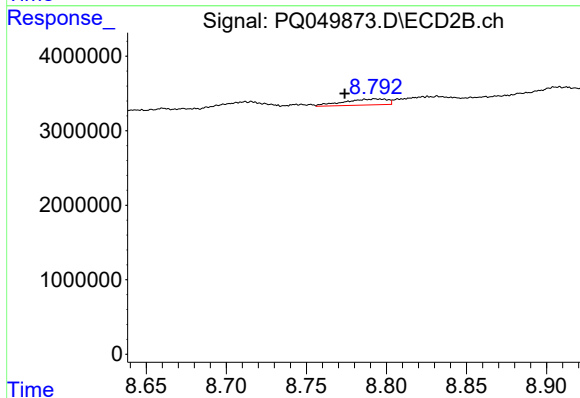
R.T.: 8.573 min
Delta R.T.: 0.008 min
Response: 18944992
Conc: 20.04 ng/ml



#43 AR-1268-3

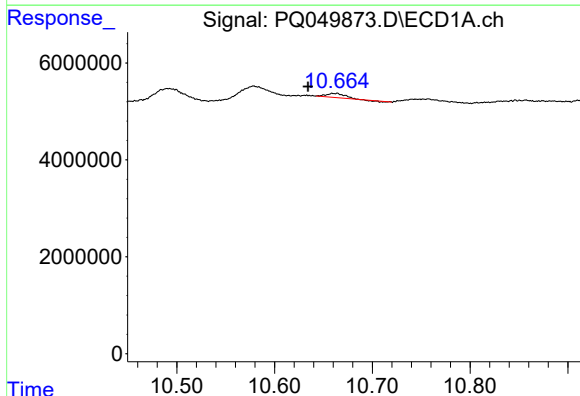
R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 2180515
Conc: 2.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



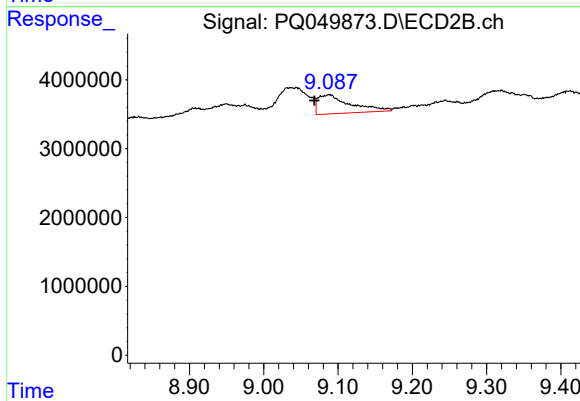
#43 AR-1268-3

R.T.: 8.793 min
Delta R.T.: 0.019 min
Response: 1541315
Conc: 2.07 ng/ml



#44 AR-1268-4

R.T.: 10.664 min
Delta R.T.: 0.029 min
Response: 1045245
Conc: 2.77 ng/ml



#44 AR-1268-4

R.T.: 9.088 min
Delta R.T.: 0.020 min
Response: 8338931
Conc: 25.25 ng/ml