

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012119\
 Data File : PQ036557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2019 11:54
 Operator : SM\SJ
 Sample : K1162-02 10X
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 DRUM-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 12:11:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 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...	4.378	3.727	7038967	2386122	1.540	0.986 #
2)	SA Decachlor...	9.991	8.662	5973279	3454635	1.642	1.797
Target Compounds							
3)	L1 AR-1016-1	5.558	4.775	3726676	2226311	26.634	28.685
4)	L1 AR-1016-2	5.558	4.828	3726676	2086406	17.458	18.320
5)	L1 AR-1016-3	5.669	0.000	1741268	0	14.036	N.D. #
6)	L1 AR-1016-4	5.669	0.000	1741268	0	17.196	N.D. #
7)	L1 AR-1016-5	5.977	5.175	3141428	948567	31.459	15.592 #
8)	L2 AR-1221-1	4.619	0.000	1298950	0	36.752	N.D. #
9)	L2 AR-1221-2	4.672	0.000	3944637	0	148.499	N.D. #
10)	L2 AR-1221-3	4.814	0.000	2670215	0	29.953	N.D. #
11)	L3 AR-1232-1	4.814	0.000	2670215	0	35.050	N.D. #
12)	L3 AR-1232-2	5.322	4.828	4183101	2086406	109.594	46.311 #
13)	L3 AR-1232-3	5.558	0.000	3726676	0	46.312	N.D. #
14)	L3 AR-1232-4	5.669	0.000	1741268	0	45.302	N.D. #
15)	L3 AR-1232-5	5.811	5.175	3494842	948567	122.018	43.253 #
16)	L4 AR-1242-1	5.558	4.775	3726676	2226311	37.484	38.615
17)	L4 AR-1242-2	5.558	4.828	3726676	2086406	24.671	25.584
18)	L4 AR-1242-3	5.669	0.000	1741268	0	19.633	N.D. #
19)	L4 AR-1242-4	5.669	0.000	1741268	0	23.903	N.D. #
20)	L4 AR-1242-5	6.448	5.585	10558721	2991910	133.057	55.082 #
21)	L5 AR-1248-1	5.558	4.775	3726676	2226311	37.242	47.440 #
22)	L5 AR-1248-2	5.811	0.000	3494842	0	31.286	N.D. #
23)	L5 AR-1248-3	5.977	0.000	3141428	0	25.070	N.D. #
24)	L5 AR-1248-4	6.417	5.175	3836352	948567	26.906	12.349 #
25)	L5 AR-1248-5	6.448	5.626	10558721	2132664	77.256	27.945 #
26)	L6 AR-1254-1	6.417	5.585	3836352	2991910	28.221	28.606
27)	L6 AR-1254-2	6.593	5.715	8734459	224.4E6	41.071	2455.551 #
28)	L6 AR-1254-3	6.959	6.139	3760519	5591408	16.021	35.119 #
29)	L6 AR-1254-4	7.301	6.385	5584396	2338635	31.565	22.280 #
30)	L6 AR-1254-5	7.692	6.762	4919995	9625465	24.021	66.268 #
31)	L7 AR-1260-1	7.118	6.252	14359424	7928526	75.421	66.584
32)	L7 AR-1260-2	7.418	6.438	7335187	8268239	31.963	57.591 #
33)	L7 AR-1260-3	7.728	6.590	15501784	6748149	110.090	51.108 #
34)	L7 AR-1260-4	7.956	7.055	13791160	7669682	79.985	85.323
35)	L7 AR-1260-5	8.322	7.297	2826041	18402971	8.419	83.297 #
36)	L8 AR-1262-1	7.728	6.796	15501784	6508951	66.149	42.222 #
37)	L8 AR-1262-2	8.322	7.297	2826041	18402971	6.587	66.106 #
38)	L8 AR-1262-3	8.646	7.573	8159781	2512392	87.682	24.236 #
39)	L8 AR-1262-4	8.646	7.640	8159781	16658832	39.341	83.704 #
40)	L8 AR-1262-5	0.000	8.134	0	2455138	N.D.	27.922 #
41)	L9 AR-1268-1	8.592	7.573	4698439	2512392	9.251	7.908

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012119\
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 Acq On : 21 Jan 2019 11:54
 Operator : SM\SJ
 Sample : K1162-02 10X
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

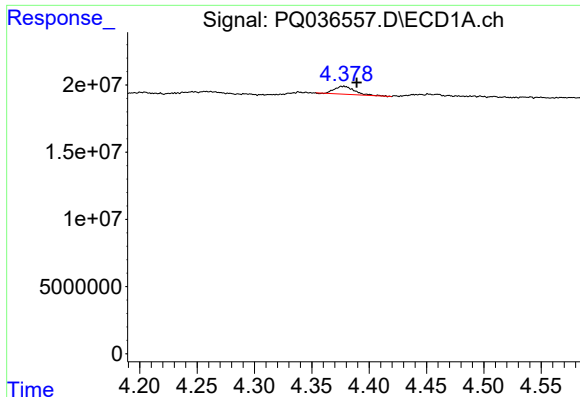
Instrument :
 ECD_Q
 ClientSampleId :
 DRUM-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 12:11:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
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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	8.646	7.640	8159781	16658832	17.064	57.853 #
43) L9	AR-1268-3	0.000	7.825	0	1420506	N.D.	6.034 #
44) L9	AR-1268-4	0.000	8.134	0	2455138	N.D.	24.693 #
45) L9	AR-1268-5	9.676	0.000	1690155	0	1.246	N.D. #

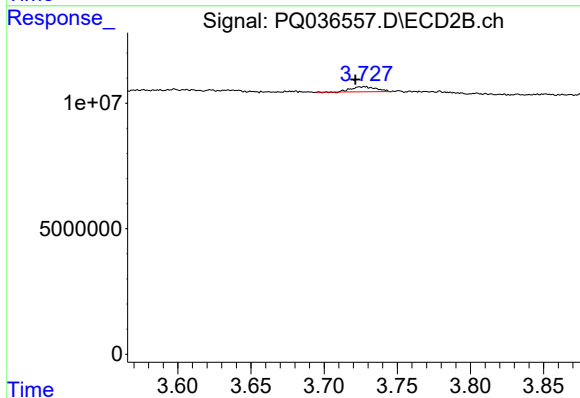
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

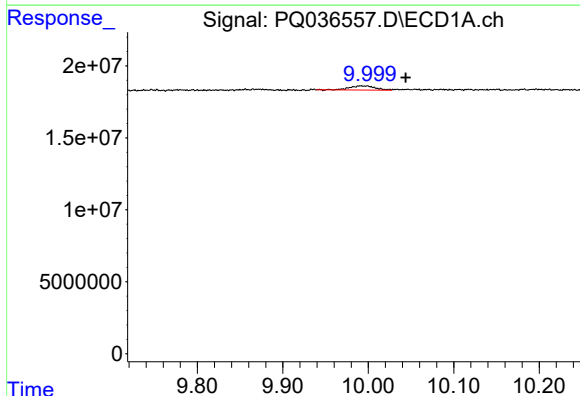
R.T.: 4.378 min
Delta R.T.: -0.011 min
Response: 7038967
Conc: 1.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



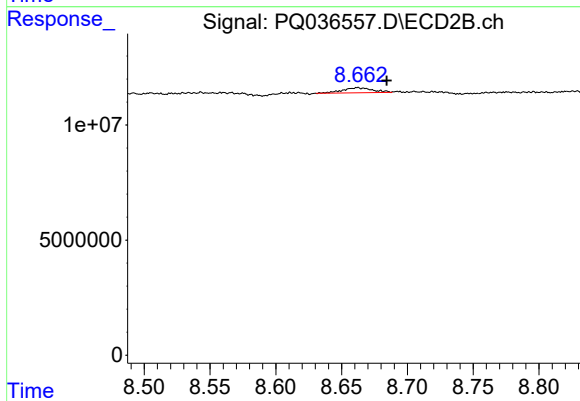
#1 Tetrachloro-m-xylene

R.T.: 3.727 min
Delta R.T.: 0.006 min
Response: 2386122
Conc: 0.99 ng/ml



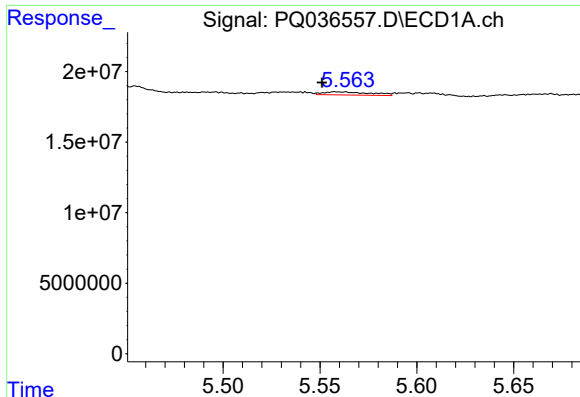
#2 Decachlorobiphenyl

R.T.: 9.991 min
Delta R.T.: -0.053 min
Response: 5973279
Conc: 1.64 ng/ml



#2 Decachlorobiphenyl

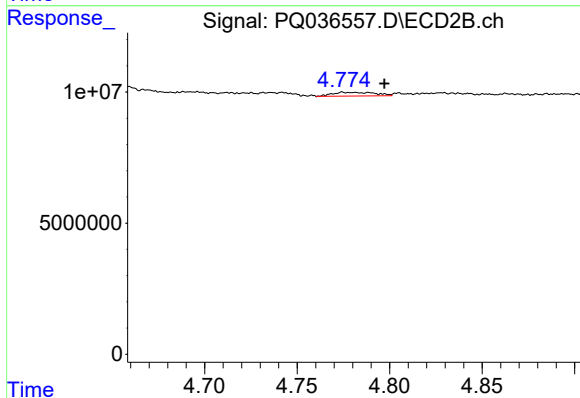
R.T.: 8.662 min
Delta R.T.: -0.022 min
Response: 3454635
Conc: 1.80 ng/ml



#3 AR-1016-1

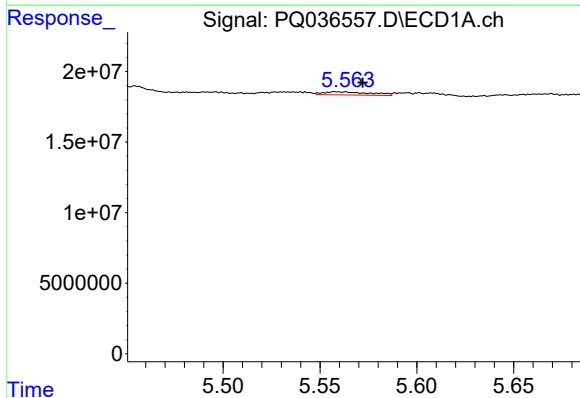
R.T.: 5.558 min
Delta R.T.: 0.007 min
Response: 3726676
Conc: 26.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



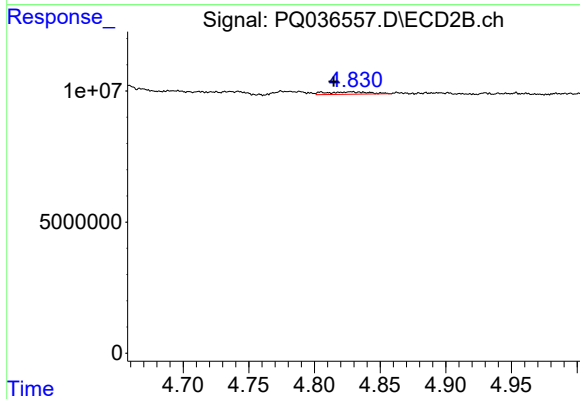
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: -0.022 min
Response: 2226311
Conc: 28.68 ng/ml



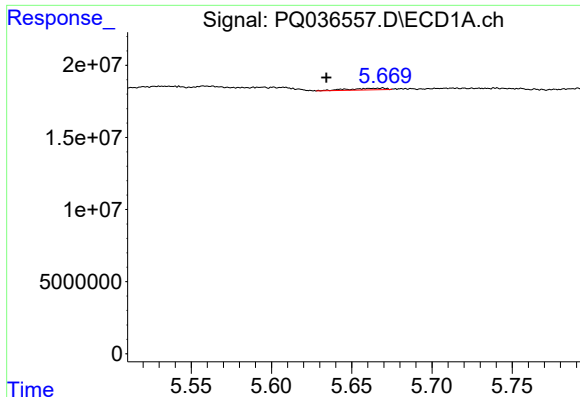
#4 AR-1016-2

R.T.: 5.558 min
Delta R.T.: -0.014 min
Response: 3726676
Conc: 17.46 ng/ml



#4 AR-1016-2

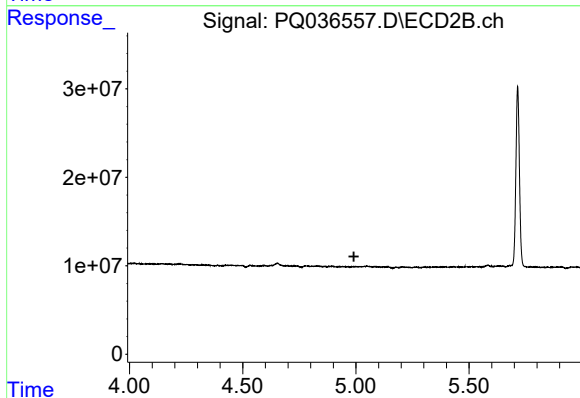
R.T.: 4.828 min
Delta R.T.: 0.013 min
Response: 2086406
Conc: 18.32 ng/ml



#5 AR-1016-3

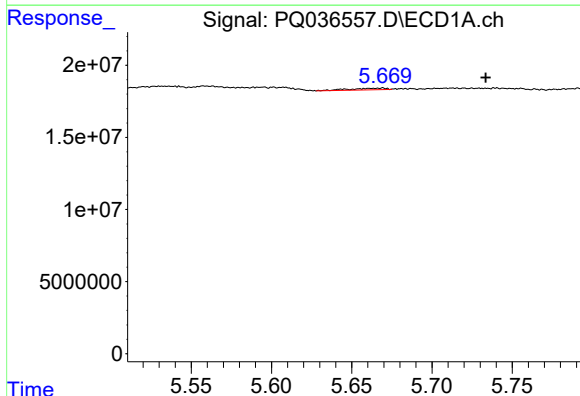
R.T.: 5.669 min
Delta R.T.: 0.035 min
Response: 1741268
Conc: 14.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



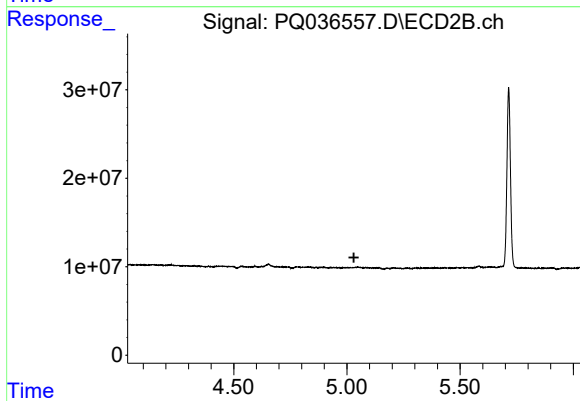
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.991 min
Response: 0
Conc: N.D.



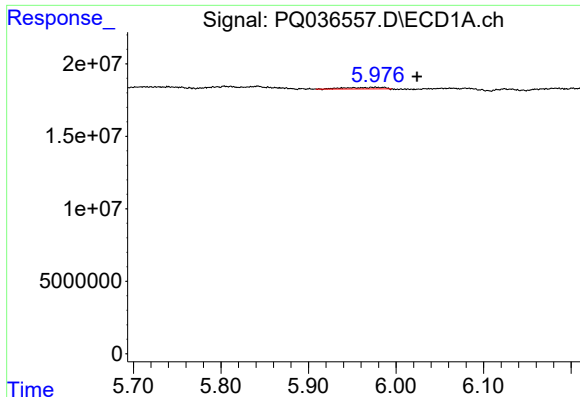
#6 AR-1016-4

R.T.: 5.669 min
Delta R.T.: -0.064 min
Response: 1741268
Conc: 17.20 ng/ml



#6 AR-1016-4

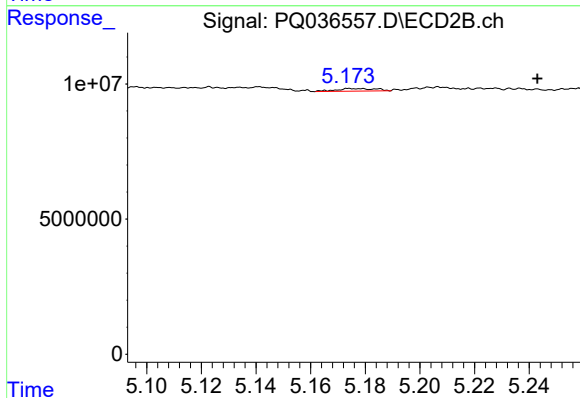
R.T.: 0.000 min
Exp R.T. : 5.031 min
Response: 0
Conc: N.D.



#7 AR-1016-5

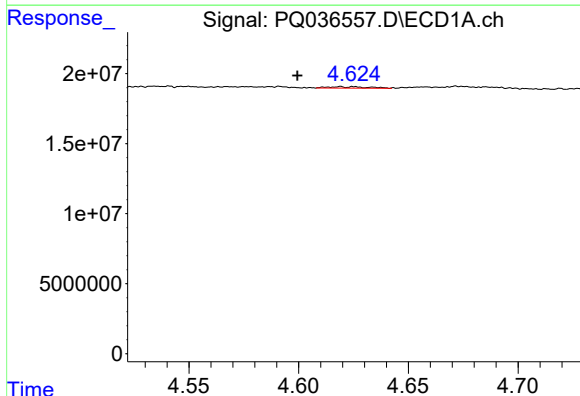
R.T.: 5.977 min
Delta R.T.: -0.047 min
Response: 3141428
Conc: 31.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



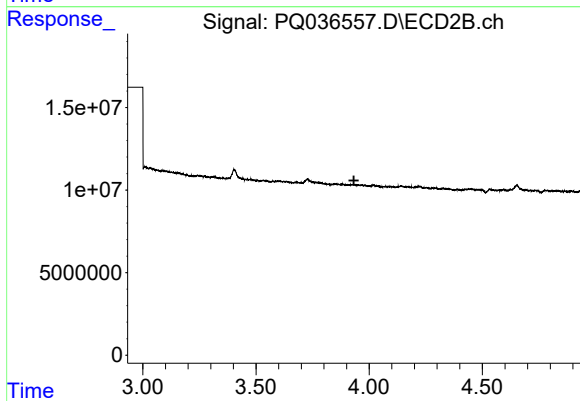
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: -0.068 min
Response: 948567
Conc: 15.59 ng/ml



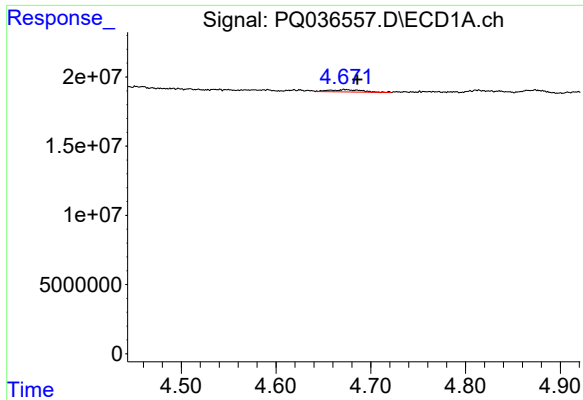
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.020 min
Response: 1298950
Conc: 36.75 ng/ml



#8 AR-1221-1

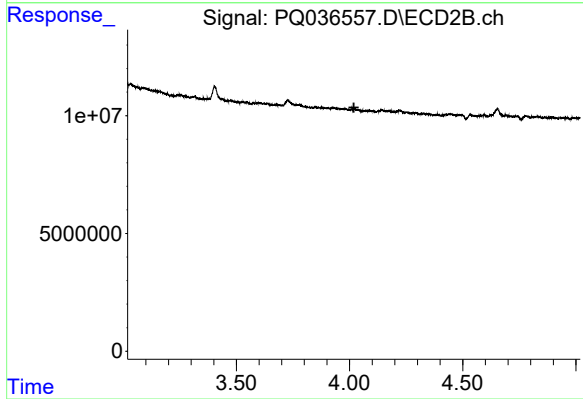
R.T.: 0.000 min
Exp R.T.: 3.933 min
Response: 0
Conc: N.D.



#9 AR-1221-2

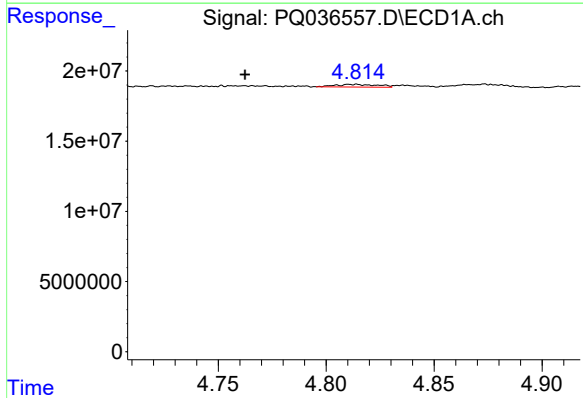
R.T.: 4.672 min
Delta R.T.: -0.014 min
Response: 3944637
Conc: 148.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



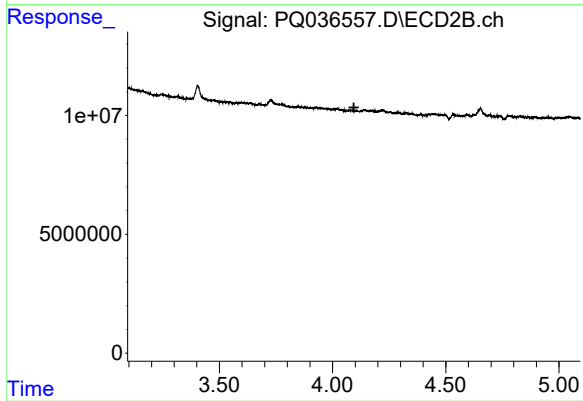
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



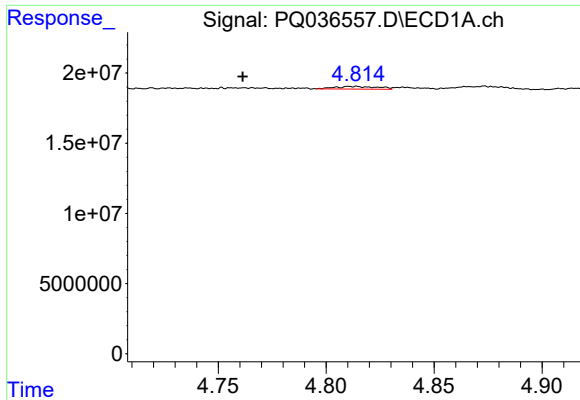
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: 0.051 min
Response: 2670215
Conc: 29.95 ng/ml



#10 AR-1221-3

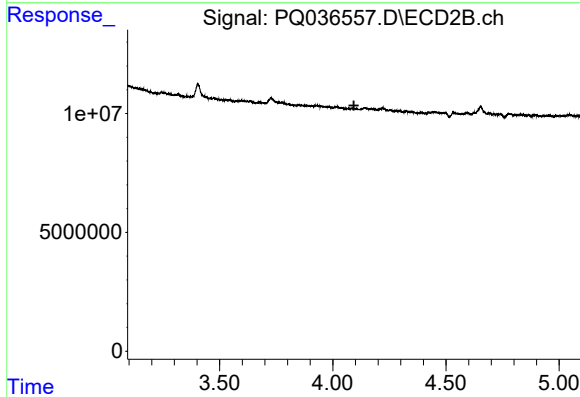
R.T.: 0.000 min
Exp R.T. : 4.094 min
Response: 0
Conc: N.D.



#11 AR-1232-1

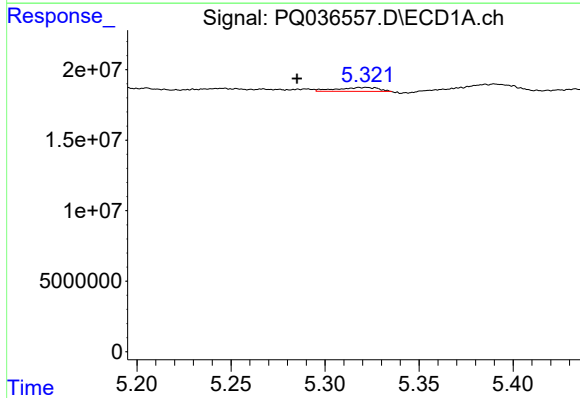
R.T.: 4.814 min
Delta R.T.: 0.052 min
Response: 2670215
Conc: 35.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



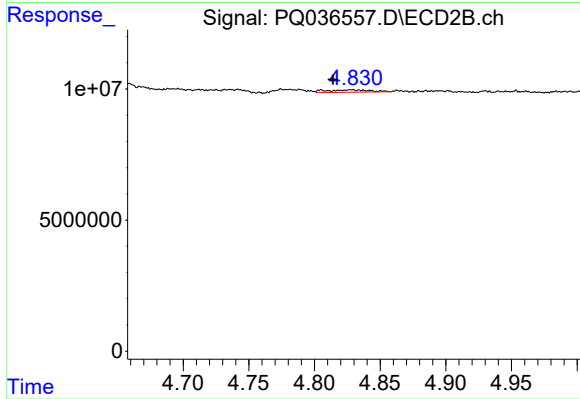
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.093 min
Response: 0
Conc: N.D.



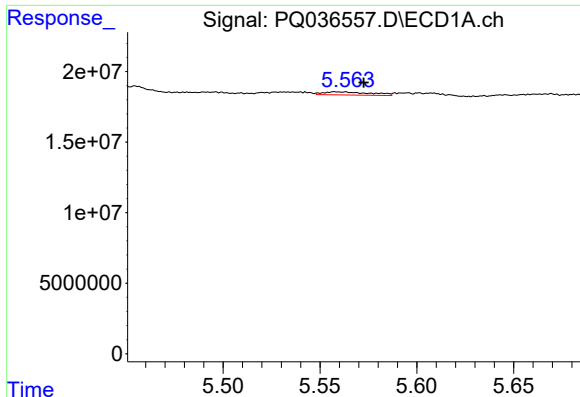
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: 4183101
Conc: 109.59 ng/ml



#12 AR-1232-2

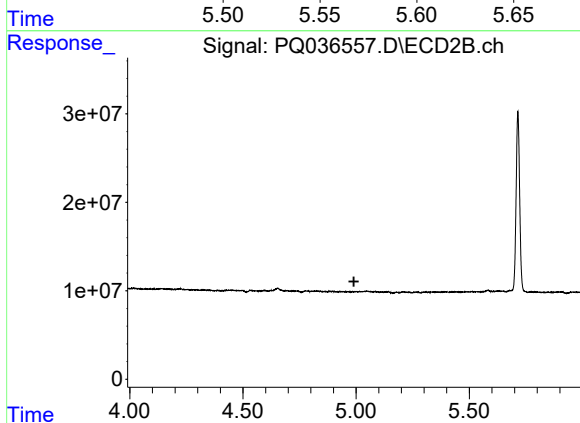
R.T.: 4.828 min
Delta R.T.: 0.014 min
Response: 2086406
Conc: 46.31 ng/ml



#13 AR-1232-3

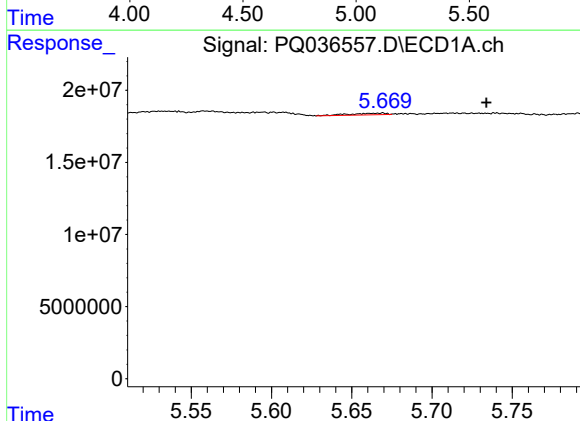
R.T.: 5.558 min
Delta R.T.: -0.014 min
Response: 3726676
Conc: 46.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



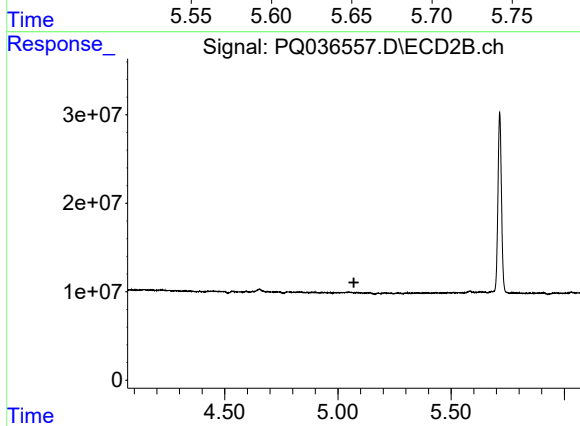
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



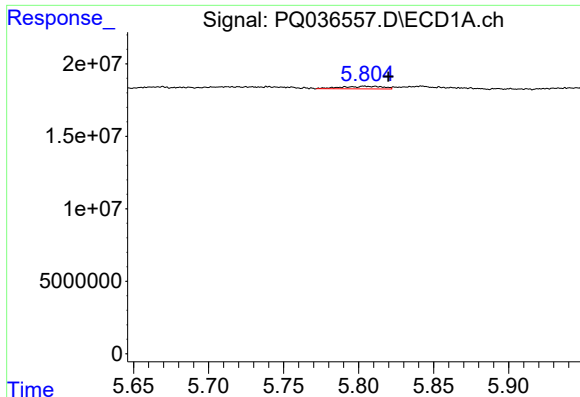
#14 AR-1232-4

R.T.: 5.669 min
Delta R.T.: -0.065 min
Response: 1741268
Conc: 45.30 ng/ml



#14 AR-1232-4

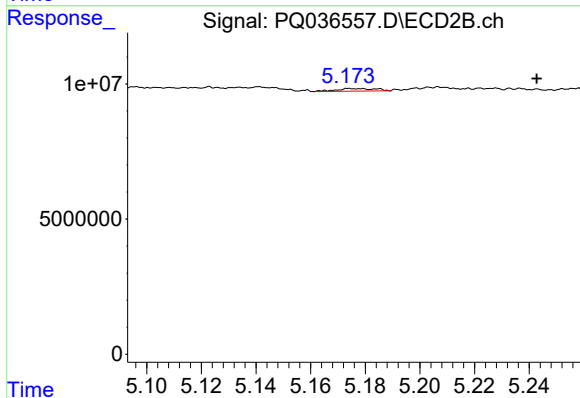
R.T.: 0.000 min
Exp R.T. : 5.071 min
Response: 0
Conc: N.D.



#15 AR-1232-5

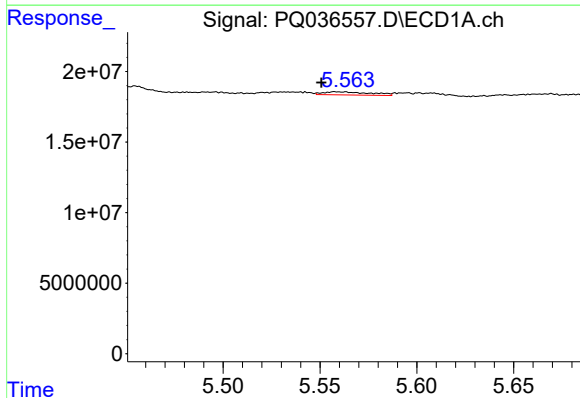
R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 3494842
Conc: 122.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



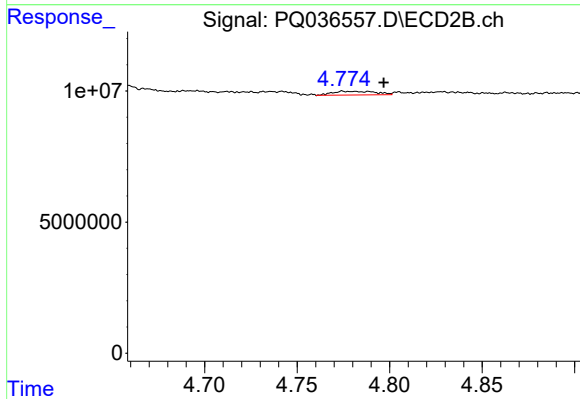
#15 AR-1232-5

R.T.: 5.175 min
Delta R.T.: -0.068 min
Response: 948567
Conc: 43.25 ng/ml



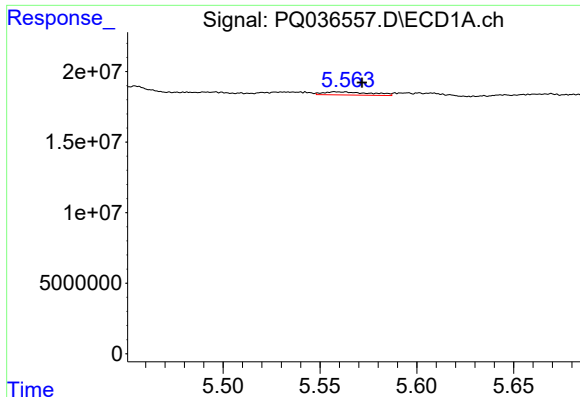
#16 AR-1242-1

R.T.: 5.558 min
Delta R.T.: 0.007 min
Response: 3726676
Conc: 37.48 ng/ml



#16 AR-1242-1

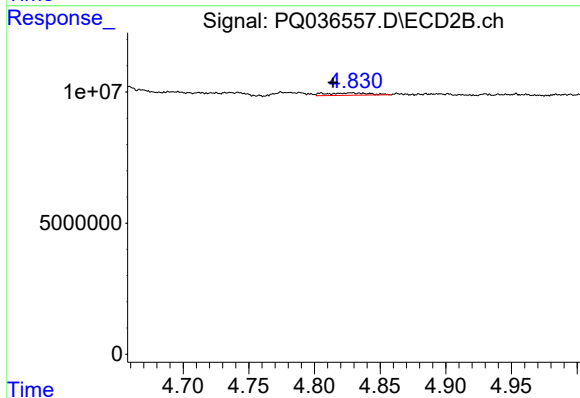
R.T.: 4.775 min
Delta R.T.: -0.022 min
Response: 2226311
Conc: 38.62 ng/ml



#17 AR-1242-2

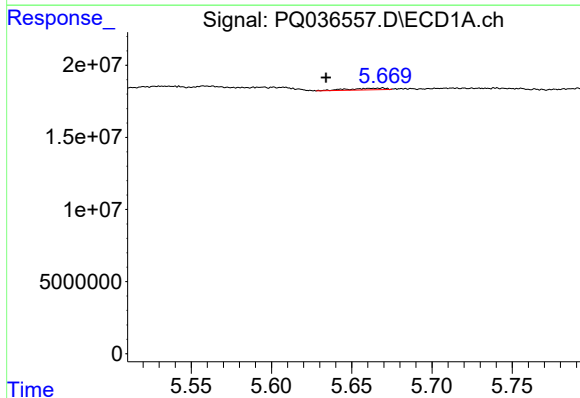
R.T.: 5.558 min
Delta R.T.: -0.014 min
Response: 3726676
Conc: 24.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



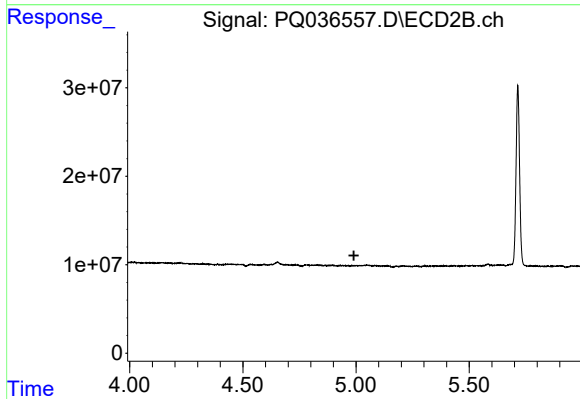
#17 AR-1242-2

R.T.: 4.828 min
Delta R.T.: 0.014 min
Response: 2086406
Conc: 25.58 ng/ml



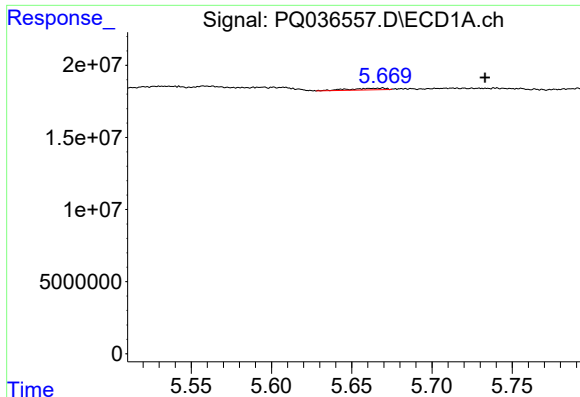
#18 AR-1242-3

R.T.: 5.669 min
Delta R.T.: 0.035 min
Response: 1741268
Conc: 19.63 ng/ml



#18 AR-1242-3

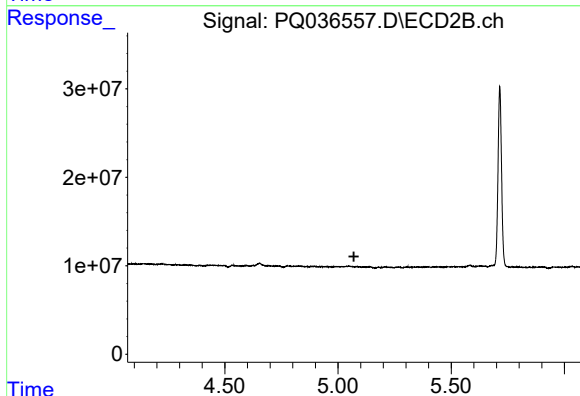
R.T.: 0.000 min
Exp R.T.: 4.990 min
Response: 0
Conc: N.D.



#19 AR-1242-4

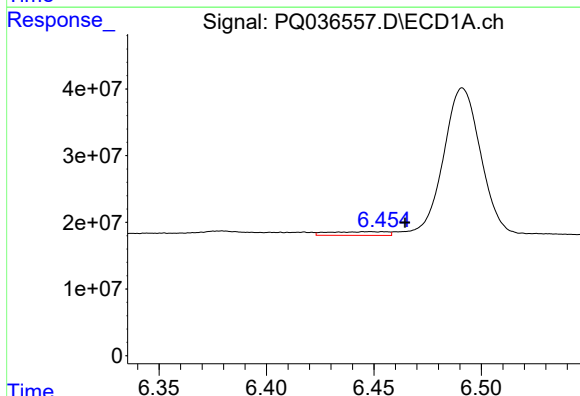
R.T.: 5.669 min
Delta R.T.: -0.064 min
Response: 1741268
Conc: 23.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



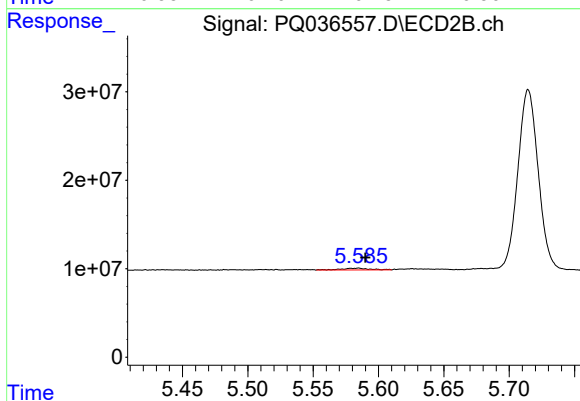
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.070 min
Response: 0
Conc: N.D.



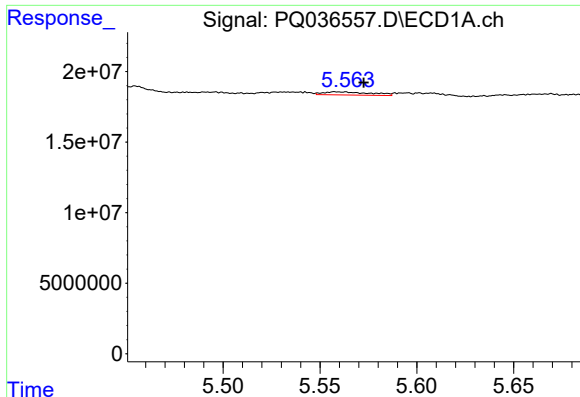
#20 AR-1242-5

R.T.: 6.448 min
Delta R.T.: -0.017 min
Response: 10558721
Conc: 133.06 ng/ml



#20 AR-1242-5

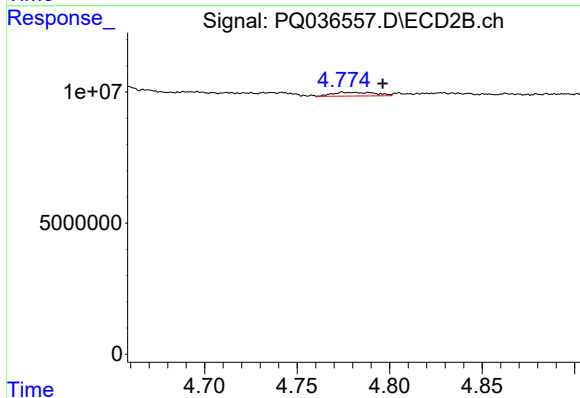
R.T.: 5.585 min
Delta R.T.: -0.005 min
Response: 2991910
Conc: 55.08 ng/ml



#21 AR-1248-1

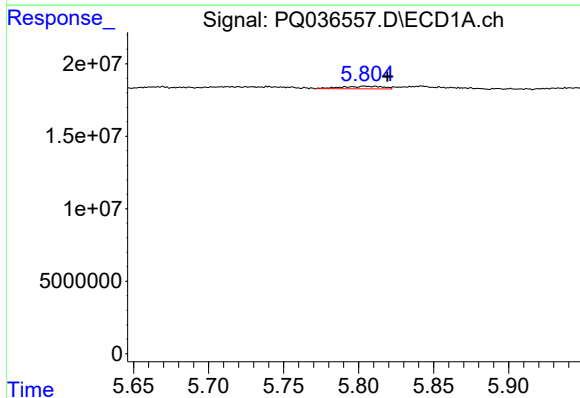
R.T.: 5.558 min
Delta R.T.: -0.014 min
Response: 3726676
Conc: 37.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



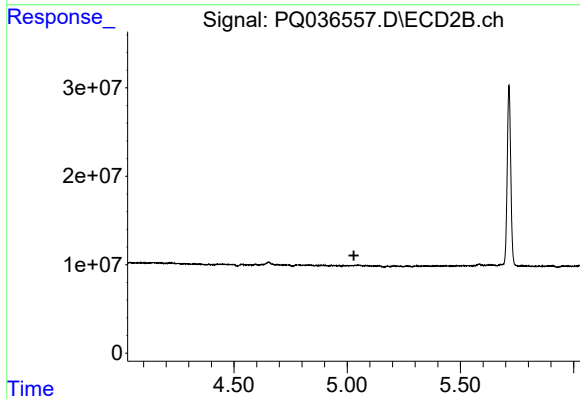
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: -0.021 min
Response: 2226311
Conc: 47.44 ng/ml



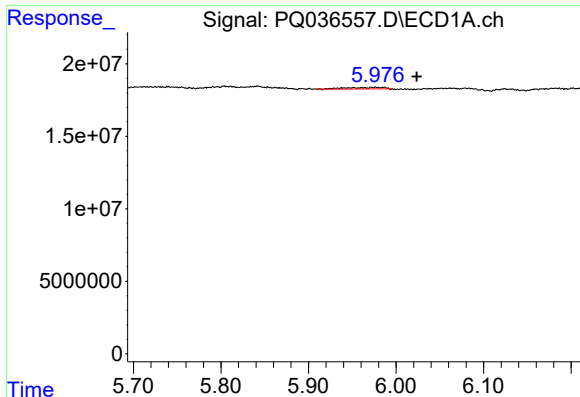
#22 AR-1248-2

R.T.: 5.811 min
Delta R.T.: -0.008 min
Response: 3494842
Conc: 31.29 ng/ml



#22 AR-1248-2

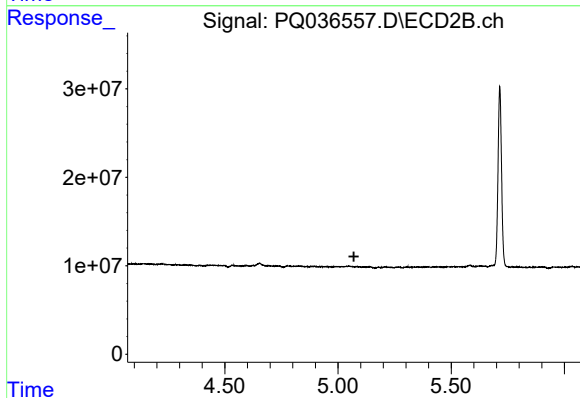
R.T.: 0.000 min
Exp R.T.: 5.029 min
Response: 0
Conc: N.D.



#23 AR-1248-3

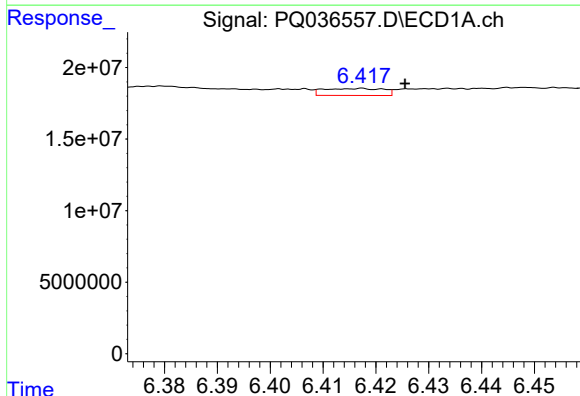
R.T.: 5.977 min
Delta R.T.: -0.047 min
Response: 3141428
Conc: 25.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



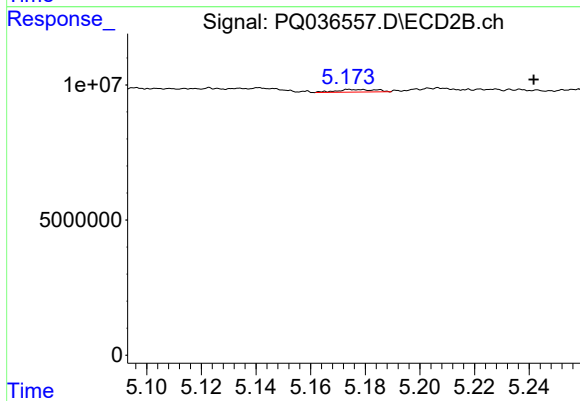
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.070 min
Response: 0
Conc: N.D.



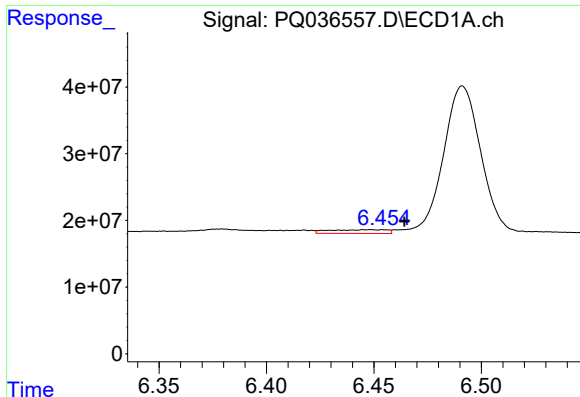
#24 AR-1248-4

R.T.: 6.417 min
Delta R.T.: -0.009 min
Response: 3836352
Conc: 26.91 ng/ml



#24 AR-1248-4

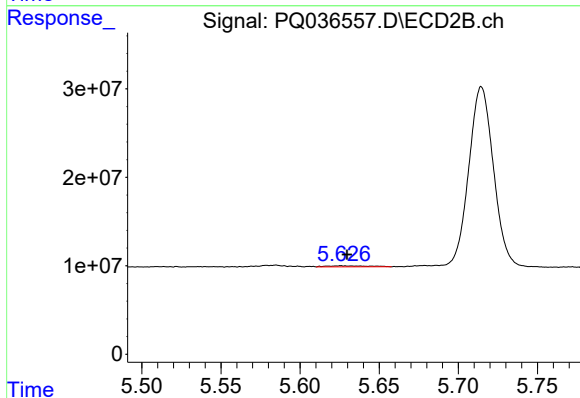
R.T.: 5.175 min
Delta R.T.: -0.067 min
Response: 948567
Conc: 12.35 ng/ml



#25 AR-1248-5

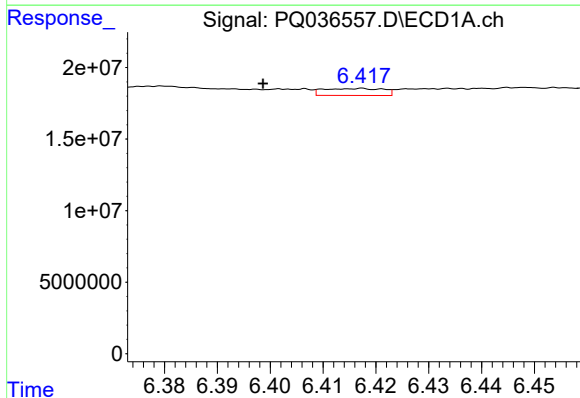
R.T.: 6.448 min
Delta R.T.: -0.016 min
Response: 10558721
Conc: 77.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



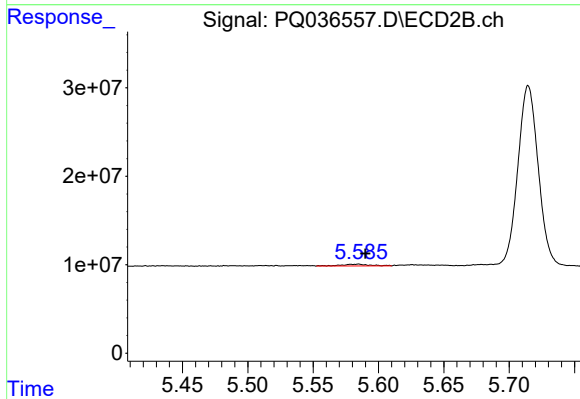
#25 AR-1248-5

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 2132664
Conc: 27.94 ng/ml



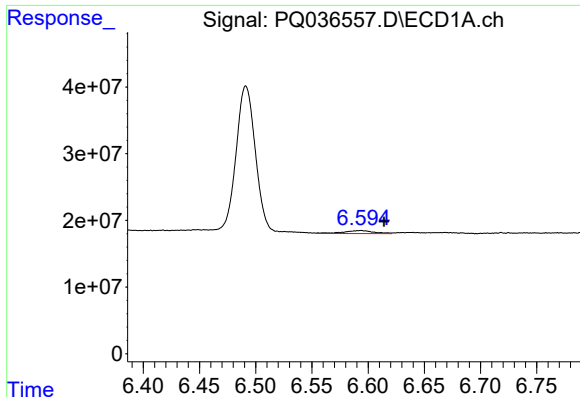
#26 AR-1254-1

R.T.: 6.417 min
Delta R.T.: 0.018 min
Response: 3836352
Conc: 28.22 ng/ml



#26 AR-1254-1

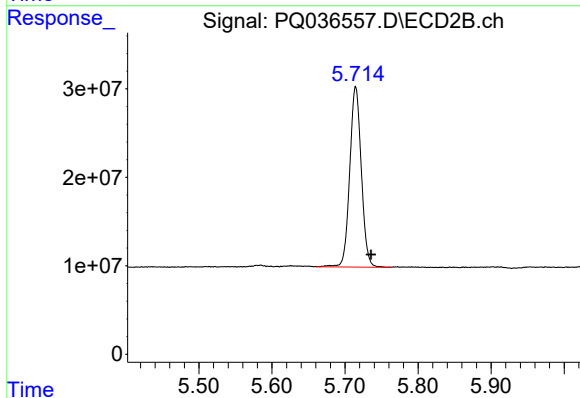
R.T.: 5.585 min
Delta R.T.: -0.005 min
Response: 2991910
Conc: 28.61 ng/ml



#27 AR-1254-2

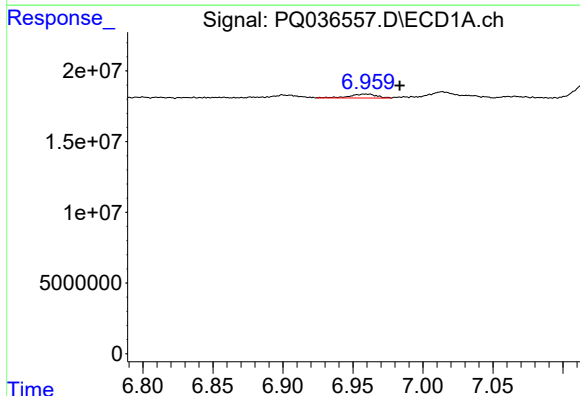
R.T.: 6.593 min
Delta R.T.: -0.021 min
Response: 8734459
Conc: 41.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



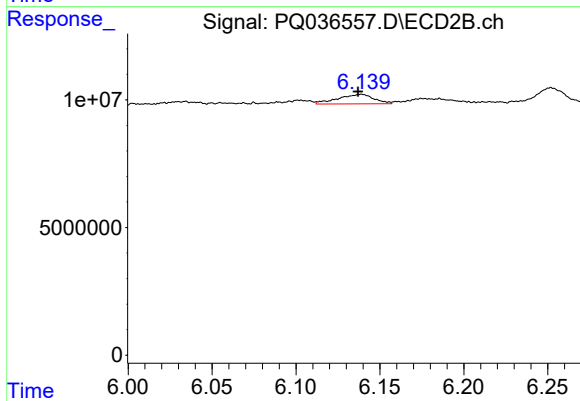
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: -0.021 min
Response: 224385613
Conc: 2455.55 ng/ml



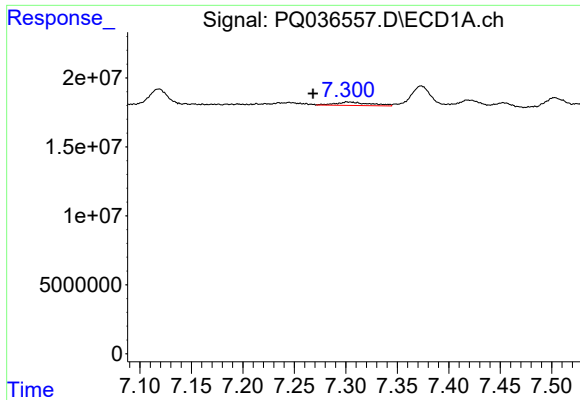
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: -0.024 min
Response: 3760519
Conc: 16.02 ng/ml



#28 AR-1254-3

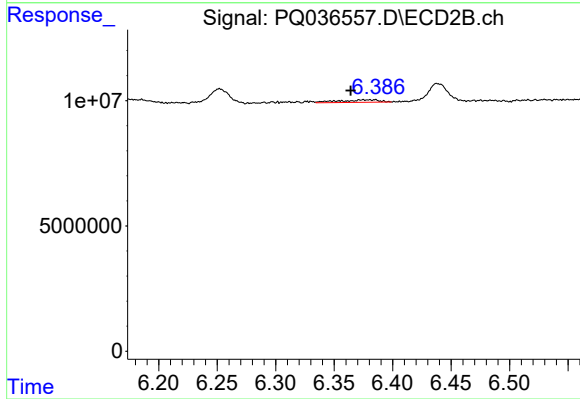
R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 5591408
Conc: 35.12 ng/ml



#29 AR-1254-4

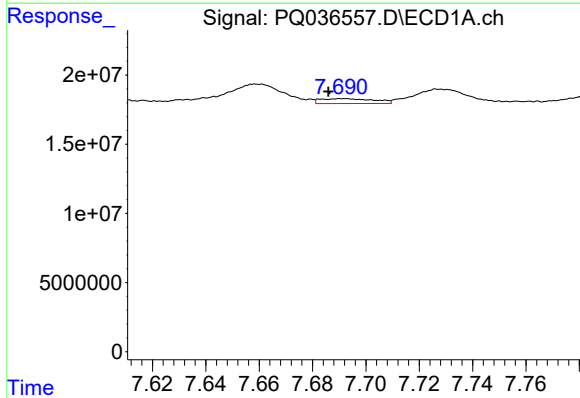
R.T.: 7.301 min
Delta R.T.: 0.033 min
Response: 5584396
Conc: 31.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



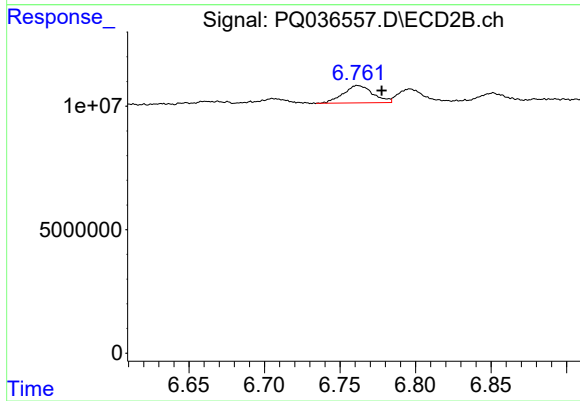
#29 AR-1254-4

R.T.: 6.385 min
Delta R.T.: 0.021 min
Response: 2338635
Conc: 22.28 ng/ml



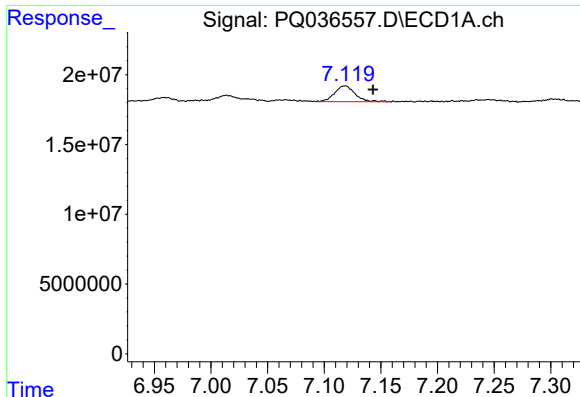
#30 AR-1254-5

R.T.: 7.692 min
Delta R.T.: 0.006 min
Response: 4919995
Conc: 24.02 ng/ml



#30 AR-1254-5

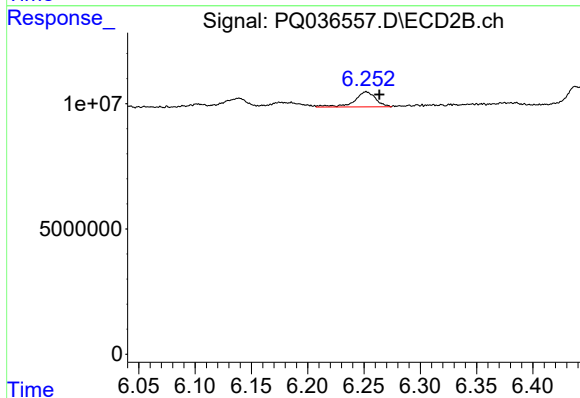
R.T.: 6.762 min
Delta R.T.: -0.016 min
Response: 9625465
Conc: 66.27 ng/ml



#31 AR-1260-1

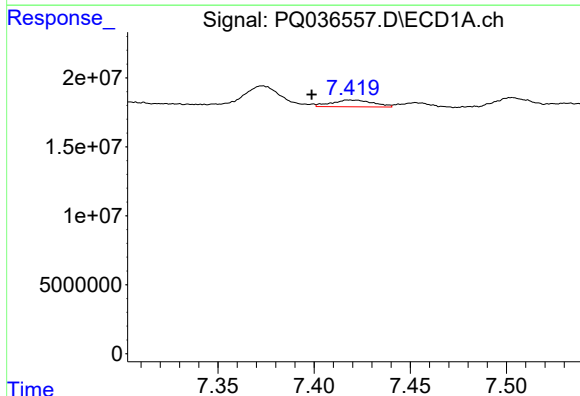
R.T.: 7.118 min
Delta R.T.: -0.025 min
Response: 14359424
Conc: 75.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



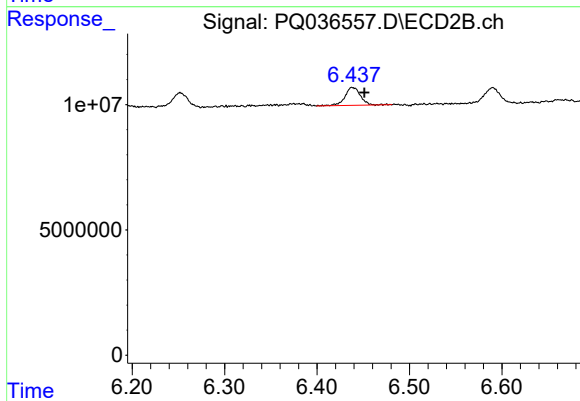
#31 AR-1260-1

R.T.: 6.252 min
Delta R.T.: -0.012 min
Response: 7928526
Conc: 66.58 ng/ml



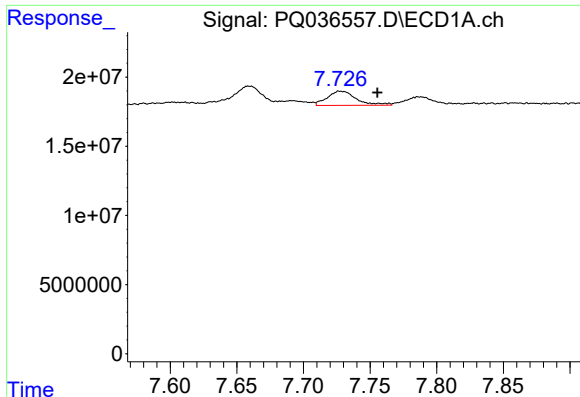
#32 AR-1260-2

R.T.: 7.418 min
Delta R.T.: 0.020 min
Response: 7335187
Conc: 31.96 ng/ml



#32 AR-1260-2

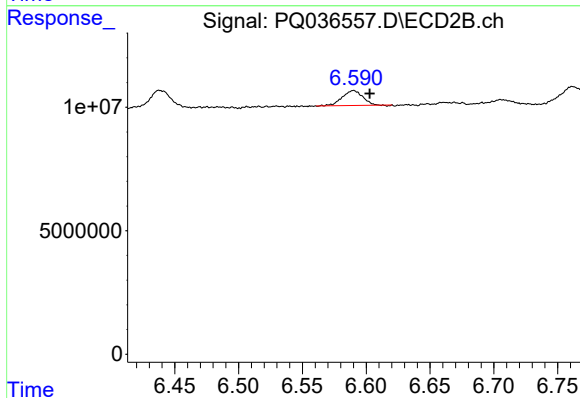
R.T.: 6.438 min
Delta R.T.: -0.013 min
Response: 8268239
Conc: 57.59 ng/ml



#33 AR-1260-3

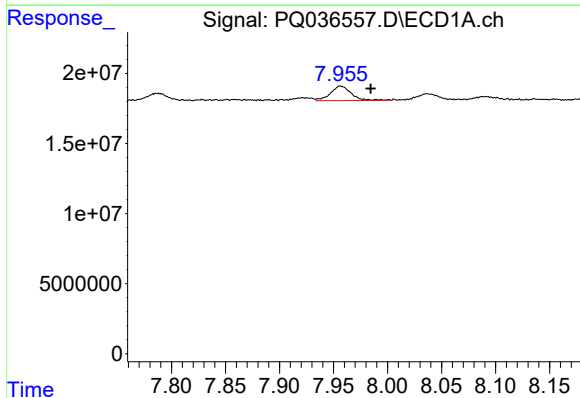
R.T.: 7.728 min
Delta R.T.: -0.028 min
Response: 15501784
Conc: 110.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



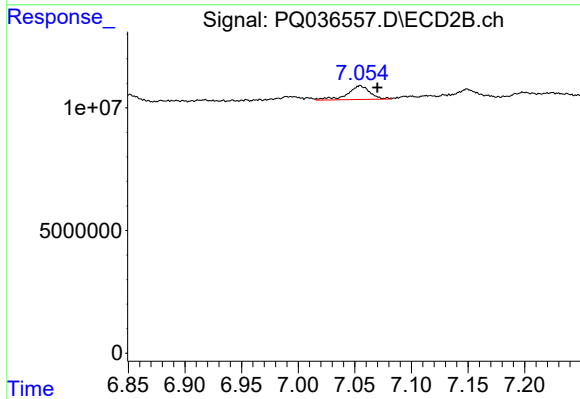
#33 AR-1260-3

R.T.: 6.590 min
Delta R.T.: -0.013 min
Response: 6748149
Conc: 51.11 ng/ml



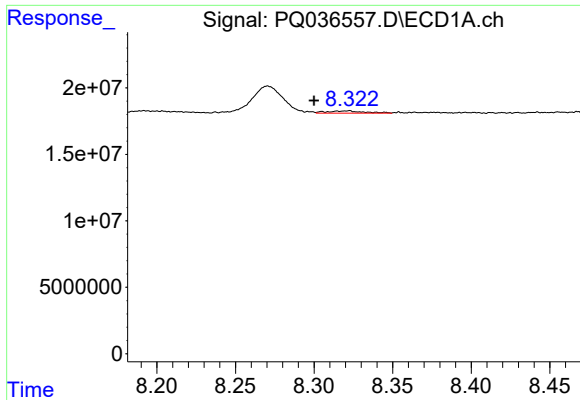
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: -0.028 min
Response: 13791160
Conc: 79.98 ng/ml



#34 AR-1260-4

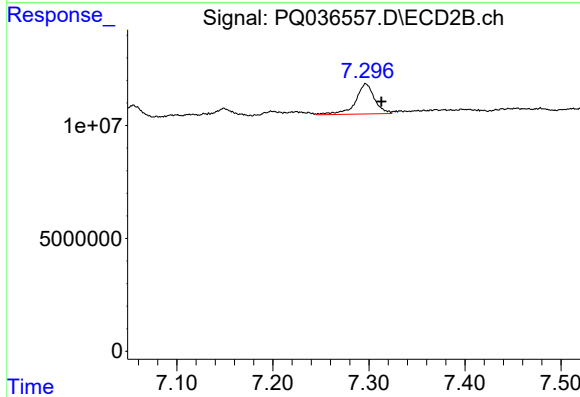
R.T.: 7.055 min
Delta R.T.: -0.015 min
Response: 7669682
Conc: 85.32 ng/ml



#35 AR-1260-5

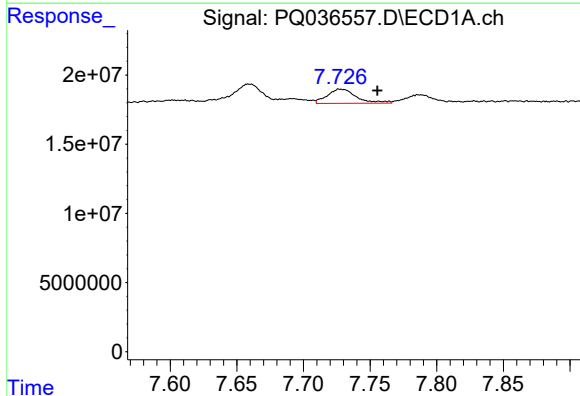
R.T.: 8.322 min
Delta R.T.: 0.022 min
Response: 2826041
Conc: 8.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



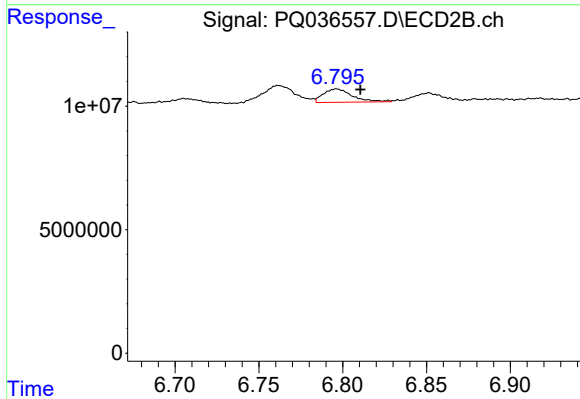
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: -0.016 min
Response: 18402971
Conc: 83.30 ng/ml



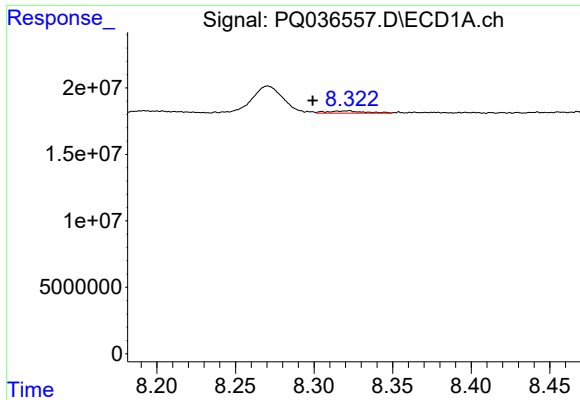
#36 AR-1262-1

R.T.: 7.728 min
Delta R.T.: -0.028 min
Response: 15501784
Conc: 66.15 ng/ml



#36 AR-1262-1

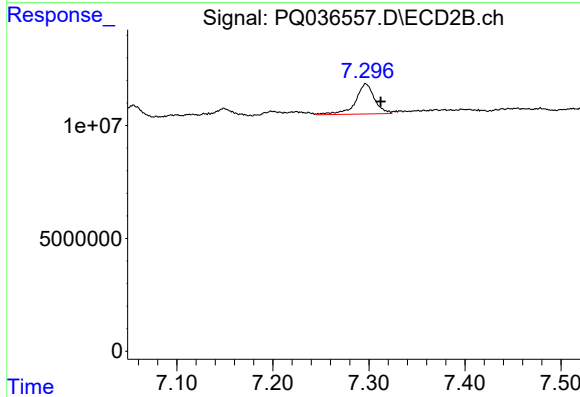
R.T.: 6.796 min
Delta R.T.: -0.014 min
Response: 6508951
Conc: 42.22 ng/ml



#37 AR-1262-2

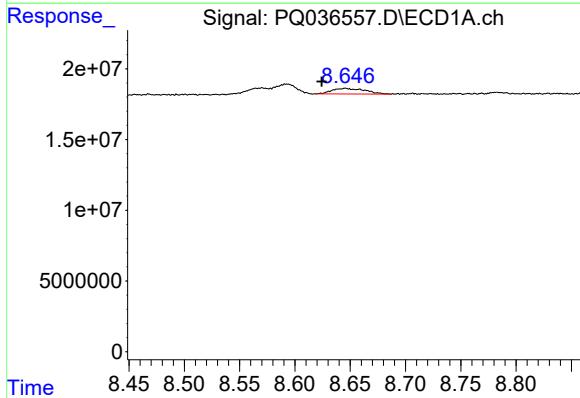
R.T.: 8.322 min
Delta R.T.: 0.023 min
Response: 2826041
Conc: 6.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



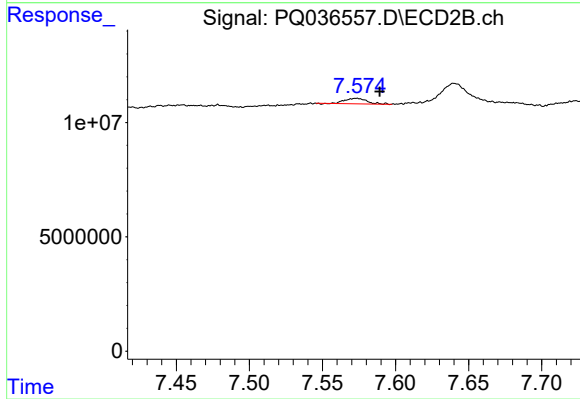
#37 AR-1262-2

R.T.: 7.297 min
Delta R.T.: -0.015 min
Response: 18402971
Conc: 66.11 ng/ml



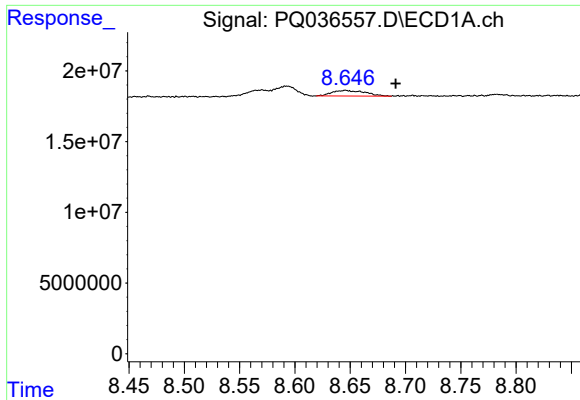
#38 AR-1262-3

R.T.: 8.646 min
Delta R.T.: 0.021 min
Response: 8159781
Conc: 87.68 ng/ml



#38 AR-1262-3

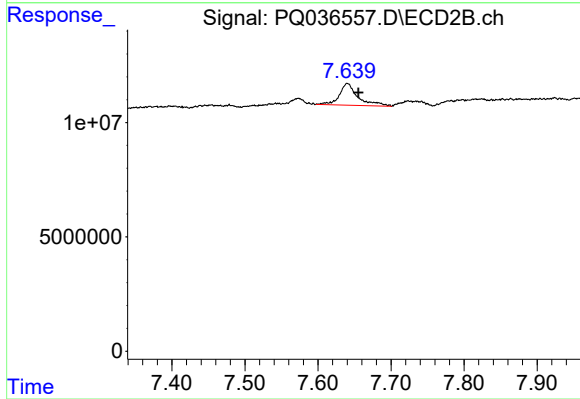
R.T.: 7.573 min
Delta R.T.: -0.016 min
Response: 2512392
Conc: 24.24 ng/ml



#39 AR-1262-4

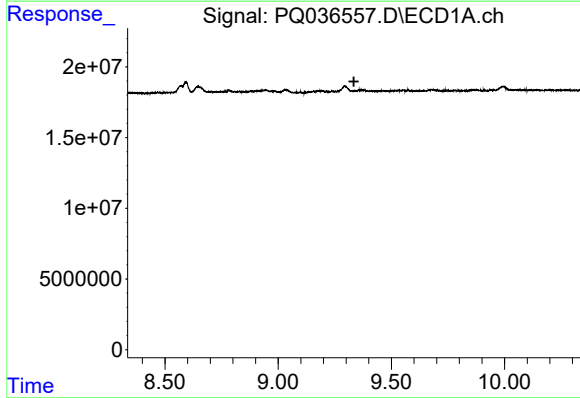
R.T.: 8.646 min
Delta R.T.: -0.045 min
Response: 8159781
Conc: 39.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



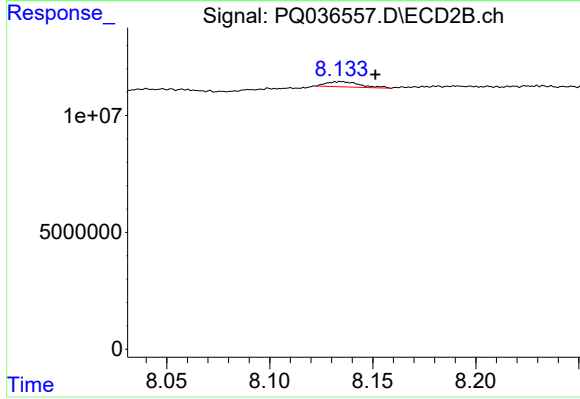
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.015 min
Response: 16658832
Conc: 83.70 ng/ml



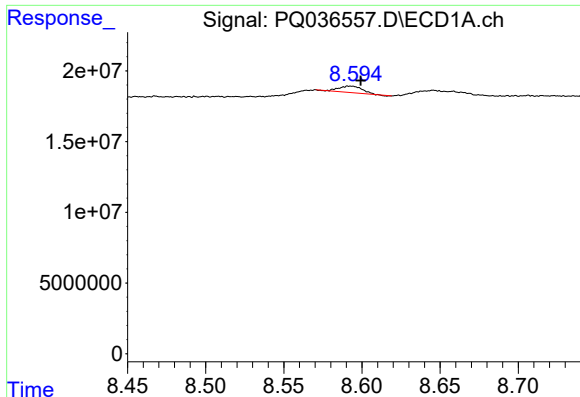
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.334 min
Response: 0
Conc: N.D.



#40 AR-1262-5

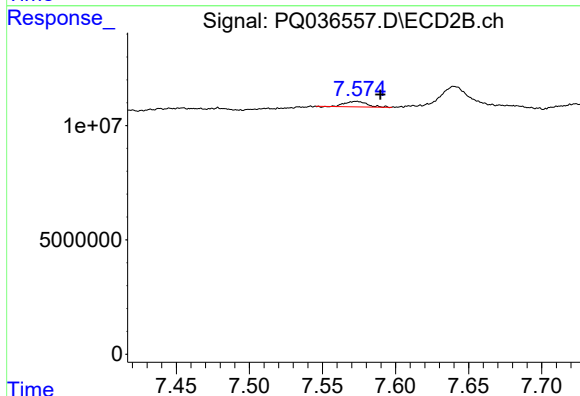
R.T.: 8.134 min
Delta R.T.: -0.017 min
Response: 2455138
Conc: 27.92 ng/ml



#41 AR-1268-1

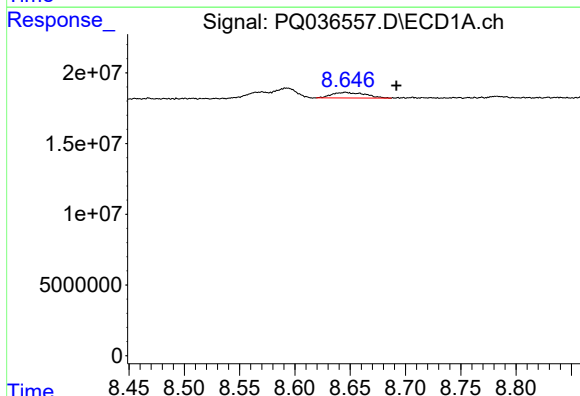
R.T.: 8.592 min
Delta R.T.: -0.007 min
Response: 4698439
Conc: 9.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



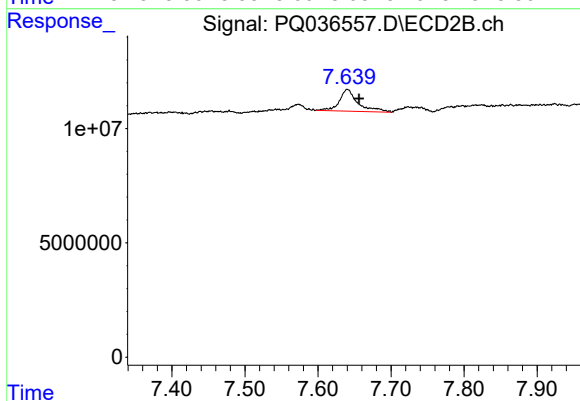
#41 AR-1268-1

R.T.: 7.573 min
Delta R.T.: -0.016 min
Response: 2512392
Conc: 7.91 ng/ml



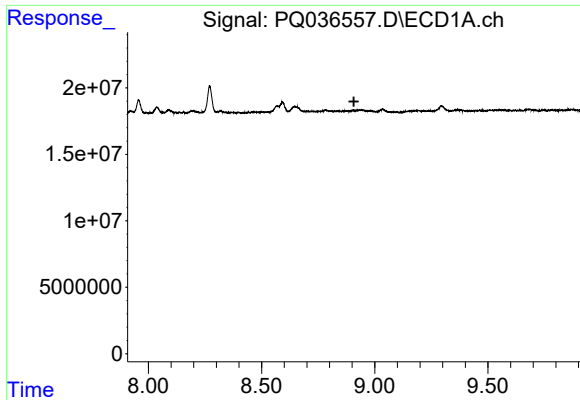
#42 AR-1268-2

R.T.: 8.646 min
Delta R.T.: -0.046 min
Response: 8159781
Conc: 17.06 ng/ml



#42 AR-1268-2

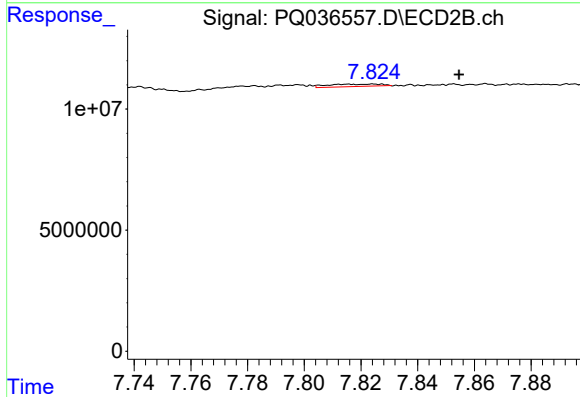
R.T.: 7.640 min
Delta R.T.: -0.016 min
Response: 16658832
Conc: 57.85 ng/ml



#43 AR-1268-3

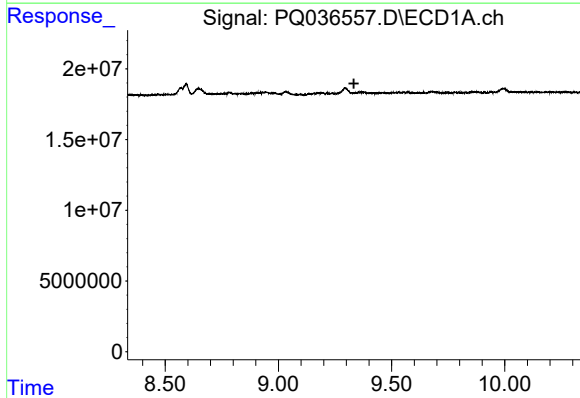
R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



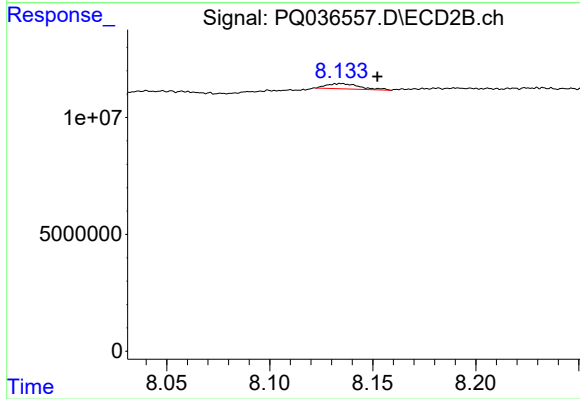
#43 AR-1268-3

R.T.: 7.825 min
Delta R.T.: -0.030 min
Response: 1420506
Conc: 6.03 ng/ml



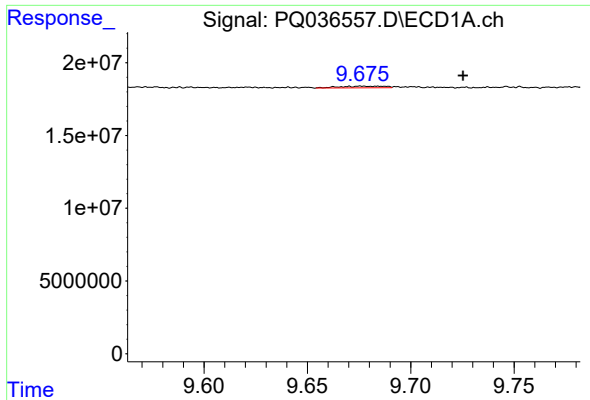
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.334 min
Response: 0
Conc: N.D.



#44 AR-1268-4

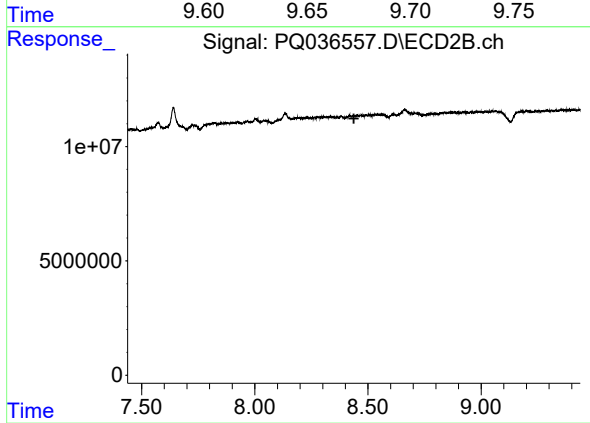
R.T.: 8.134 min
Delta R.T.: -0.018 min
Response: 2455138
Conc: 24.69 ng/ml



#45 AR-1268-5

R.T.: 9.676 min
Delta R.T.: -0.049 min
Response: 1690155
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DRUM-2



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.438 min
Response: 0
Conc: N.D.