

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072022\
 Data File : PQ058628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 13:03
 Operator : YP\AJ
 Sample : N3709-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 23:56:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 2022
 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...	4.689	4.051	174.1E6	124.8E6	24.741	22.320
2)	SA Decachlor...	10.599	9.174	245.4E6	124.4E6	43.862	37.579
Target Compounds							
3)	L1 AR-1016-1	5.871	5.149	2772905	945452	18.342	6.057 #
4)	L1 AR-1016-2	5.894	5.169	8706230	1614165	33.444	7.195 #
5)	L1 AR-1016-3	5.960	5.349	2945610	540032	18.242	4.887 #
6)	L1 AR-1016-4	6.054	5.386	9051552	1380188	67.228	14.502 #
7)	L1 AR-1016-5	6.348	5.602	10865311	1941127	92.613	16.614 #
8)	L2 AR-1221-1	4.919	4.309f	5761563	1176355	73.614	19.816 #
9)	L2 AR-1221-2	5.005	4.357	4470288	4033456	81.514	98.452
10)	L2 AR-1221-3	5.070	4.424	1375648	2410686	7.863	16.692 #
11)	L3 AR-1232-1	5.070	4.424	1375648	2410686	8.689	18.284 #
12)	L3 AR-1232-2	0.000	5.169	0	1614165	N.D.	13.777 #
13)	L3 AR-1232-3	5.894	5.349	8706230	540032	61.944	9.843 #
14)	L3 AR-1232-4	6.054	5.430	9051552	1282498	127.692	24.383 #
15)	L3 AR-1232-5	6.142	5.602	3205285	1941127	70.853	34.059 #
16)	L4 AR-1242-1	5.871	5.149	2772905	945452	20.114	6.820 #
17)	L4 AR-1242-2	5.894	5.169	8706230	1614165	36.218	8.072 #
18)	L4 AR-1242-3	5.960	5.349	2945610	540032	18.545	5.467 #
19)	L4 AR-1242-4	6.054	5.430	9051552	1282498	68.813	12.618 #
20)	L4 AR-1242-5	6.797	5.959	2882533	3654804	25.292	31.311
21)	L5 AR-1248-1	5.871	5.149	2772905	945452	23.594	8.168 #
22)	L5 AR-1248-2	6.142	5.386	3205285	1380188	19.039	8.277 #
23)	L5 AR-1248-3	6.348	5.430	10865311	1282498	53.751	7.423 #
24)	L5 AR-1248-4	6.747	5.602	4831336	1941127	24.383	9.787 #
25)	L5 AR-1248-5	6.797	5.997	2882533	1399213	13.633	7.884 #
26)	L6 AR-1254-1	6.726	5.959	4714995	3654804	22.644	12.088 #
27)	L6 AR-1254-2	6.947	6.104	3787944	1639846	12.170	6.308 #
28)	L6 AR-1254-3	7.320	6.513	6899872	4436138	19.247	11.076 #
29)	L6 AR-1254-4	7.606	6.737	2850018	1703343	13.131	6.651 #
30)	L6 AR-1254-5	8.021	7.158	5950595	2939833	22.861	9.637 #
31)	L7 AR-1260-1	7.473	6.643	2846707	6261750	16.165	31.282 #
32)	L7 AR-1260-2	7.732	6.826	8067596	1929815	38.524	8.292 #
33)	L7 AR-1260-3	8.021	6.984	5950595	2126818	22.502	9.941 #
34)	L7 AR-1260-4	8.327	7.455	2595758	1452198	12.760	8.217 #
35)	L7 AR-1260-5	8.670	7.694	2874312	2357428	6.521	5.927
36)	L8 AR-1262-1	8.091	7.158	1357290	2939833	4.163	18.232 #
37)	L8 AR-1262-2	8.670	7.694	2874312	2357428	4.492	4.219
38)	L8 AR-1262-3	8.994	7.948	2009539	5169298	5.747	23.731 #
39)	L8 AR-1262-4	9.098	8.020	1071227	402160	3.426	1.008 #
40)	L8 AR-1262-5	9.810	8.533	1611349	334928	6.355	2.112 #
41)	L9 AR-1268-1	8.994	7.948	2009539	5169298	1.938	6.651 #

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 Acq On : 20 Jul 2022 13:03
 Operator : YP\AJ
 Sample : N3709-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

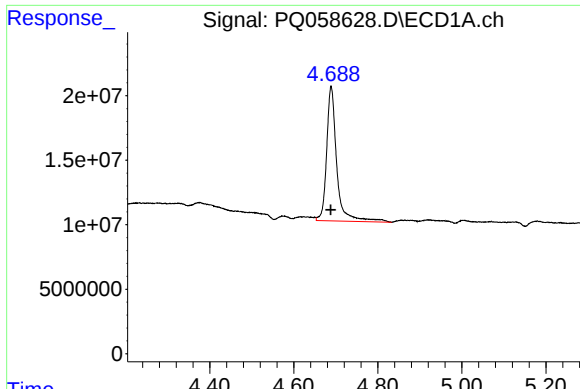
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 23:56:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 12:27:52 2022
 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
42) L9	AR-1268-2	9.098	8.020	1071227	402160	0.986	0.569 #
43) L9	AR-1268-3	9.339	0.000	3983438	0	4.037	N.D. #
44) L9	AR-1268-4	9.810	8.533	1611349	334928	4.857	1.573 #
45) L9	AR-1268-5	10.241	8.888	16730553	2530721	5.553	1.375 #

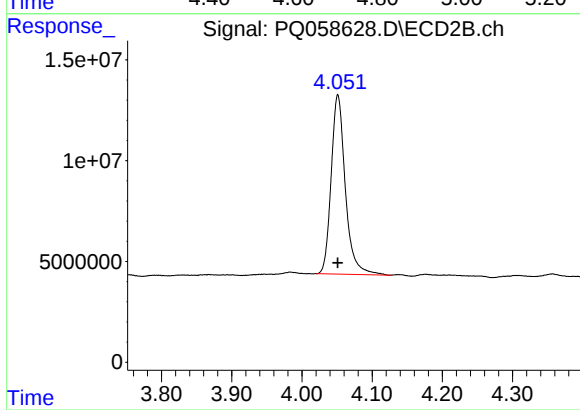
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

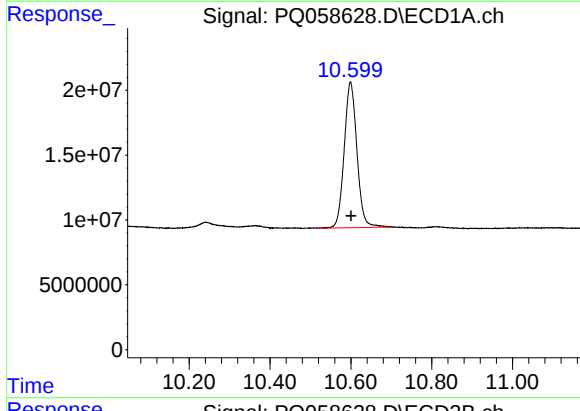
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 174080588
Conc: 24.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



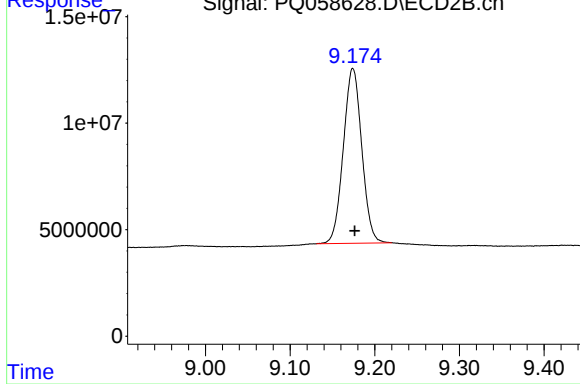
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 124772926
Conc: 22.32 ng/ml



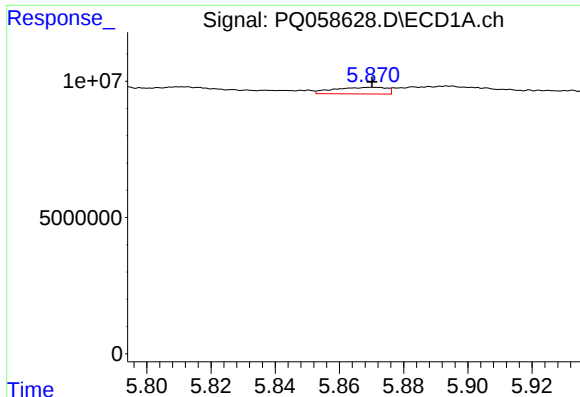
#2 Decachlorobiphenyl

R.T.: 10.599 min
Delta R.T.: -0.001 min
Response: 245369041
Conc: 43.86 ng/ml



#2 Decachlorobiphenyl

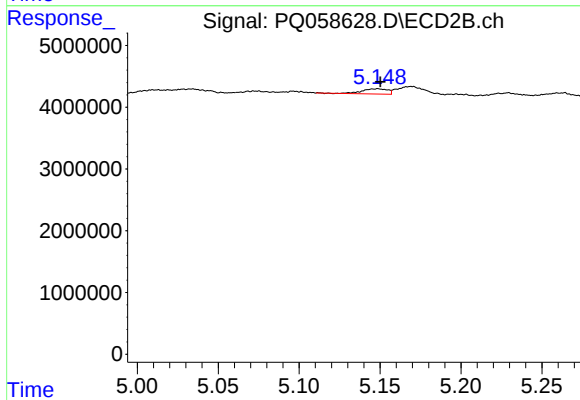
R.T.: 9.174 min
Delta R.T.: -0.002 min
Response: 124429619
Conc: 37.58 ng/ml



#3 AR-1016-1

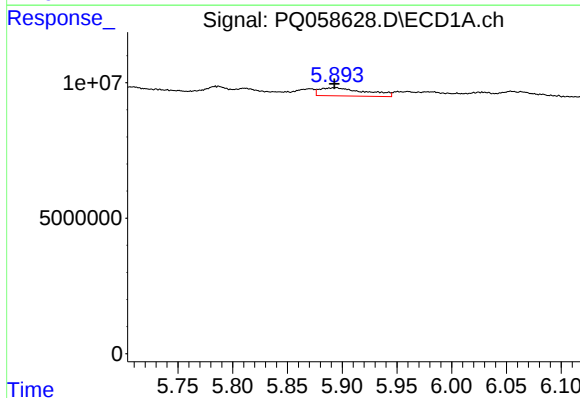
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 2772905
Conc: 18.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



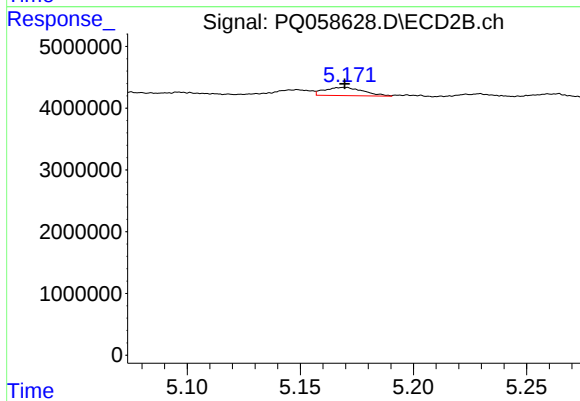
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 945452
Conc: 6.06 ng/ml



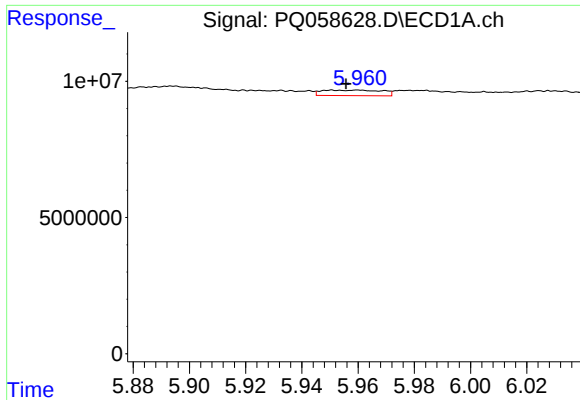
#4 AR-1016-2

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 8706230
Conc: 33.44 ng/ml



#4 AR-1016-2

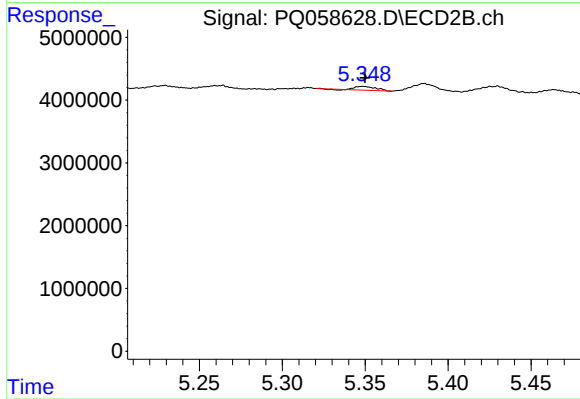
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 1614165
Conc: 7.20 ng/ml



#5 AR-1016-3

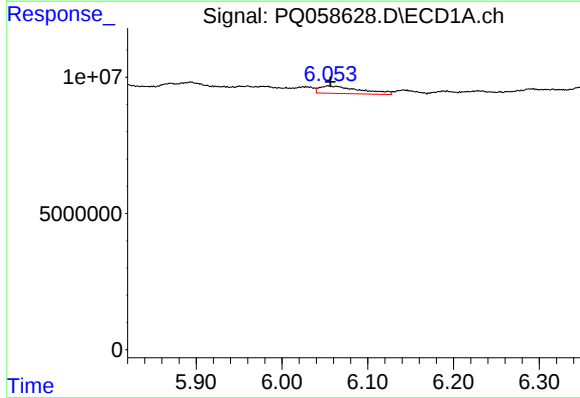
R.T.: 5.960 min
Delta R.T.: 0.004 min
Response: 2945610
Conc: 18.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



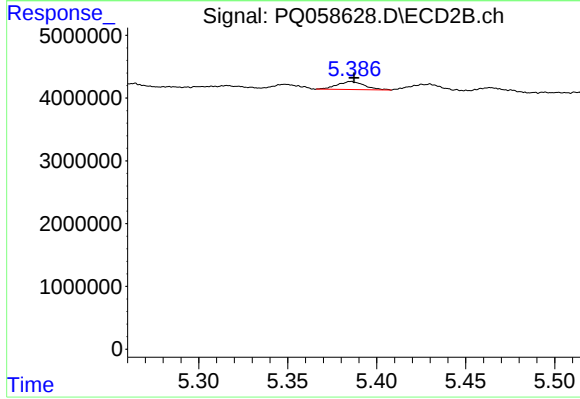
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 540032
Conc: 4.89 ng/ml



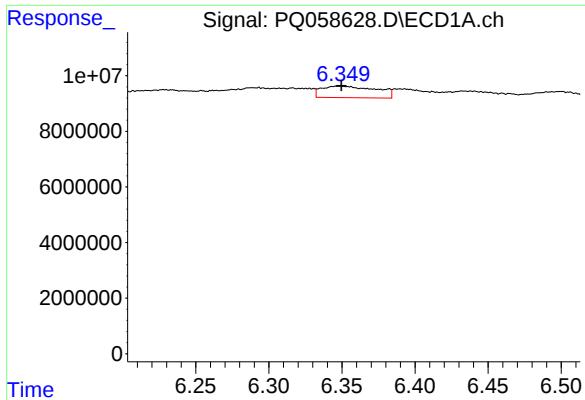
#6 AR-1016-4

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 9051552
Conc: 67.23 ng/ml



#6 AR-1016-4

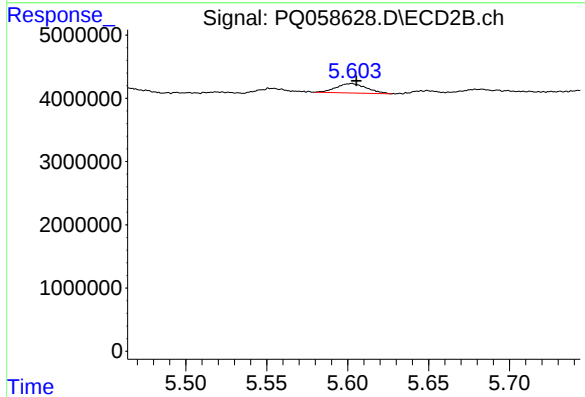
R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 1380188
Conc: 14.50 ng/ml



#7 AR-1016-5

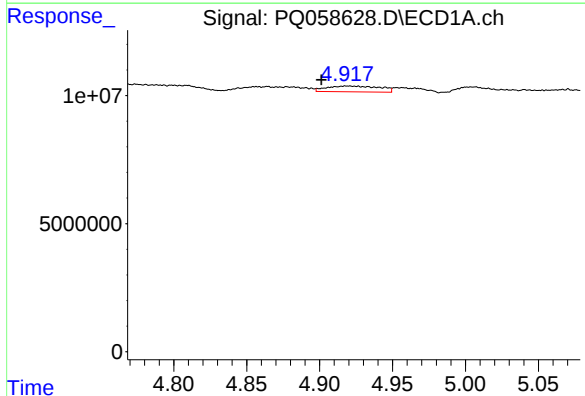
R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 10865311
Conc: 92.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



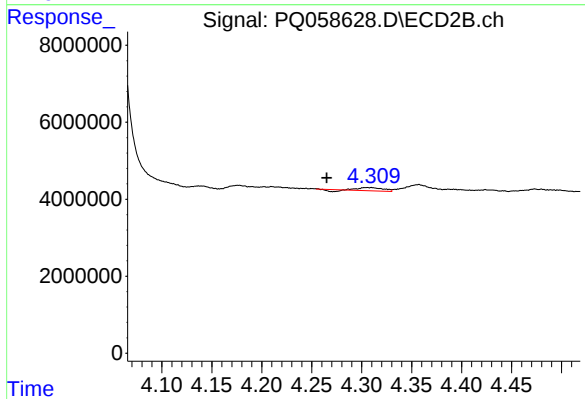
#7 AR-1016-5

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 1941127
Conc: 16.61 ng/ml



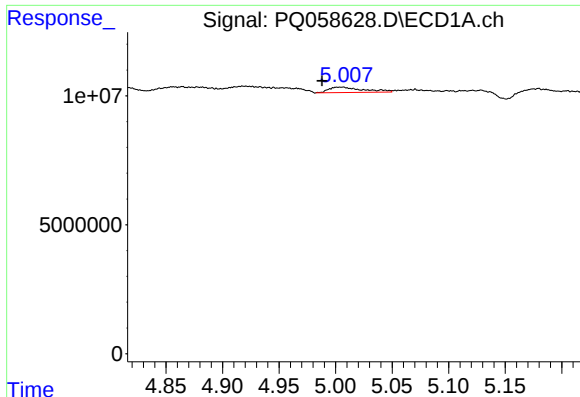
#8 AR-1221-1

R.T.: 4.919 min
Delta R.T.: 0.017 min
Response: 5761563
Conc: 73.61 ng/ml



#8 AR-1221-1

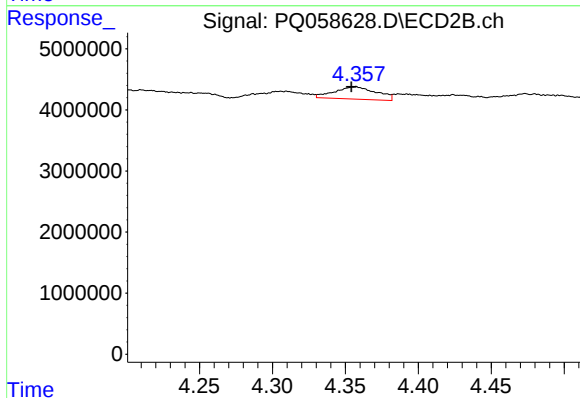
R.T.: 4.309 min
Delta R.T.: 0.044 min
Response: 1176355
Conc: 19.82 ng/ml



#9 AR-1221-2

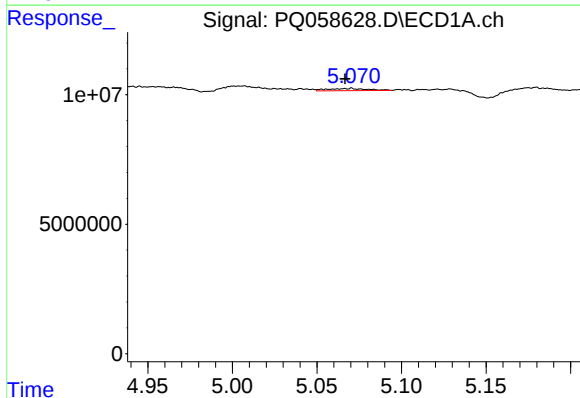
R.T.: 5.005 min
Delta R.T.: 0.017 min
Response: 4470288
Conc: 81.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



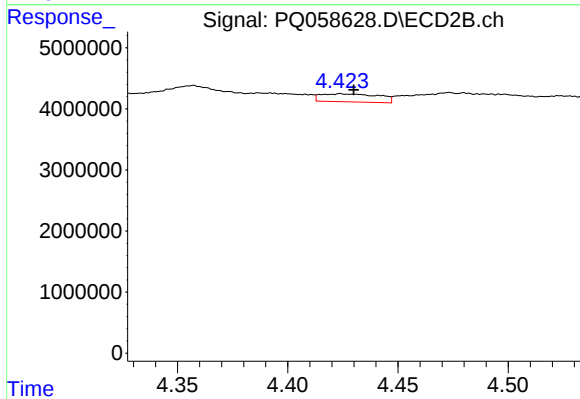
#9 AR-1221-2

R.T.: 4.357 min
Delta R.T.: 0.003 min
Response: 4033456
Conc: 98.45 ng/ml



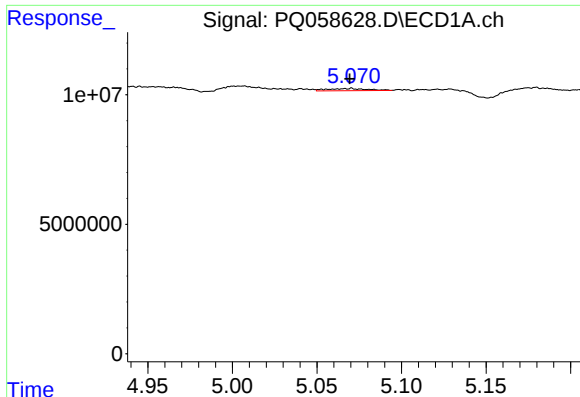
#10 AR-1221-3

R.T.: 5.070 min
Delta R.T.: 0.004 min
Response: 1375648
Conc: 7.86 ng/ml



#10 AR-1221-3

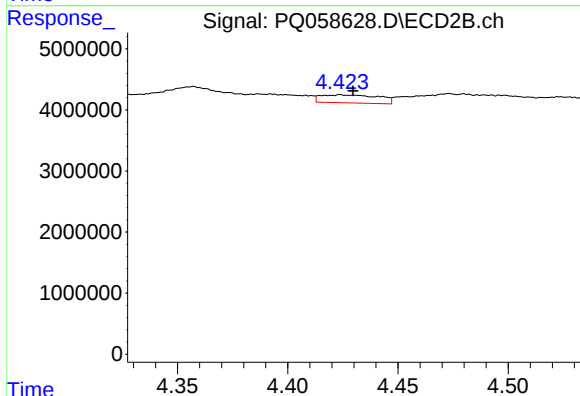
R.T.: 4.424 min
Delta R.T.: -0.006 min
Response: 2410686
Conc: 16.69 ng/ml



#11 AR-1232-1

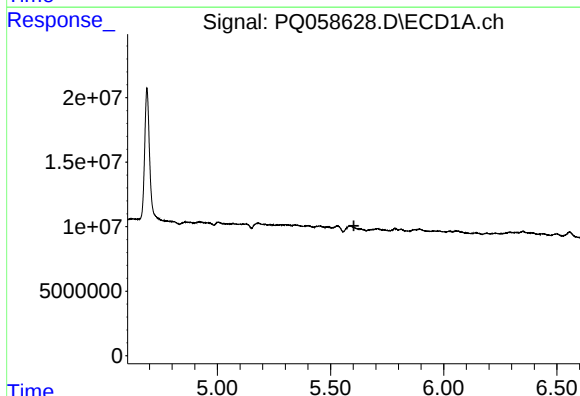
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 1375648
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



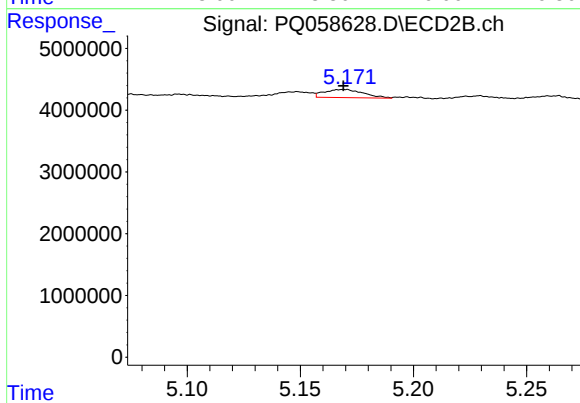
#11 AR-1232-1

R.T.: 4.424 min
Delta R.T.: -0.006 min
Response: 2410686
Conc: 18.28 ng/ml



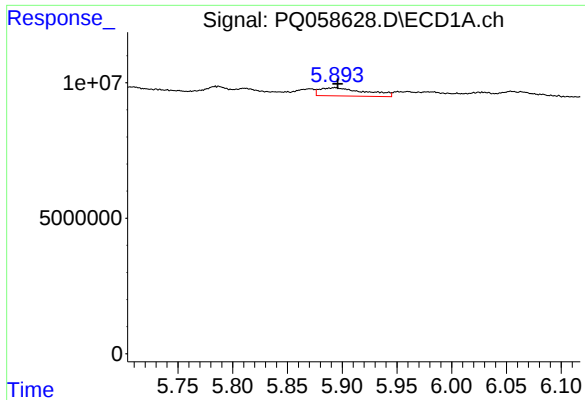
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.



#12 AR-1232-2

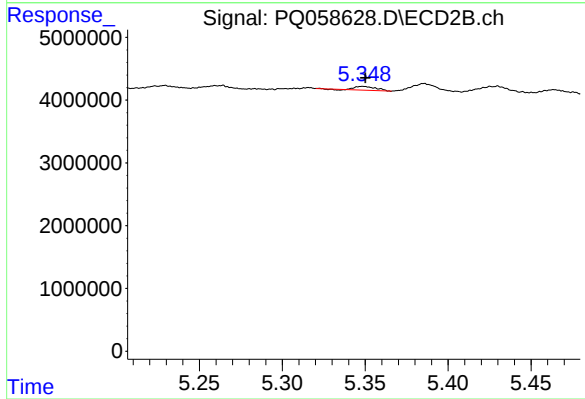
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 1614165
Conc: 13.78 ng/ml



#13 AR-1232-3

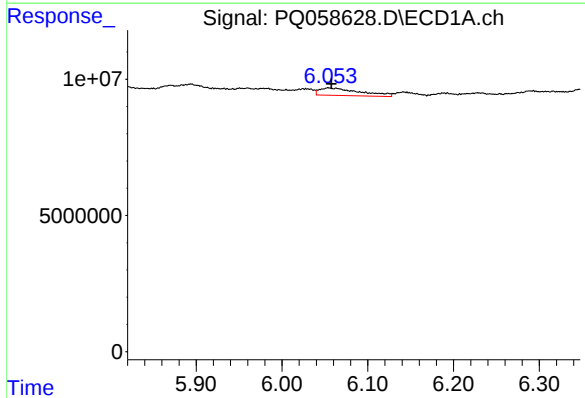
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 8706230
Conc: 61.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



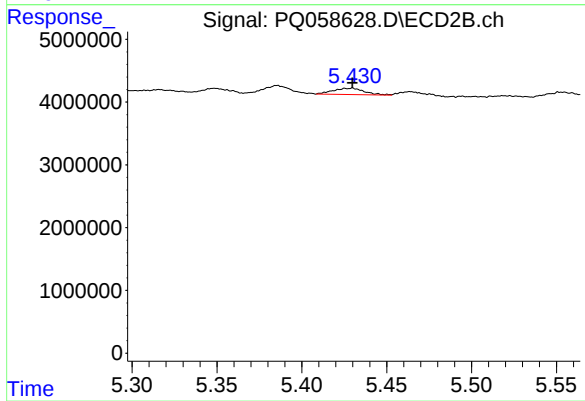
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 540032
Conc: 9.84 ng/ml



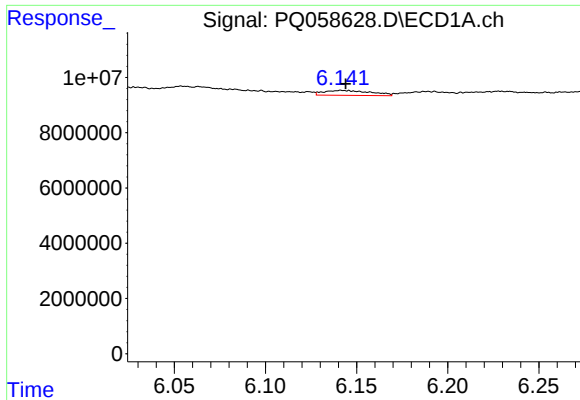
#14 AR-1232-4

R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 9051552
Conc: 127.69 ng/ml



#14 AR-1232-4

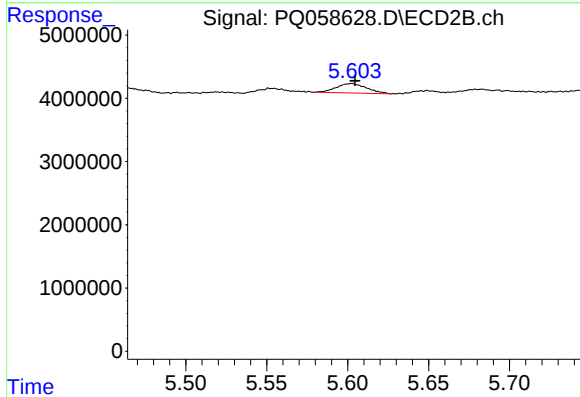
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 1282498
Conc: 24.38 ng/ml



#15 AR-1232-5

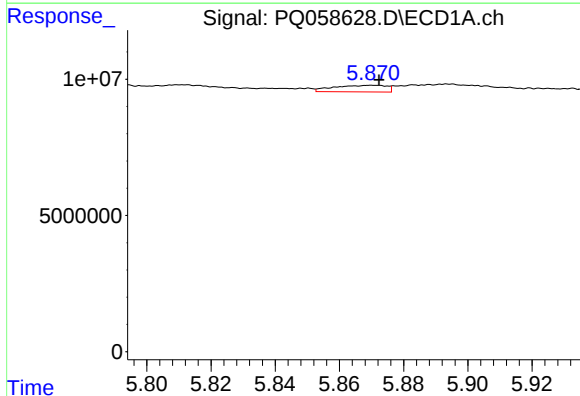
R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 3205285
Conc: 70.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



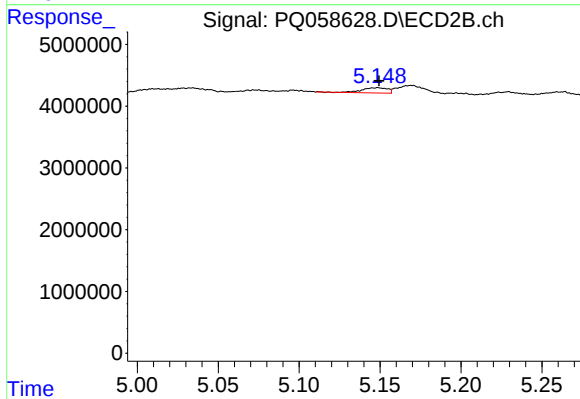
#15 AR-1232-5

R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 1941127
Conc: 34.06 ng/ml



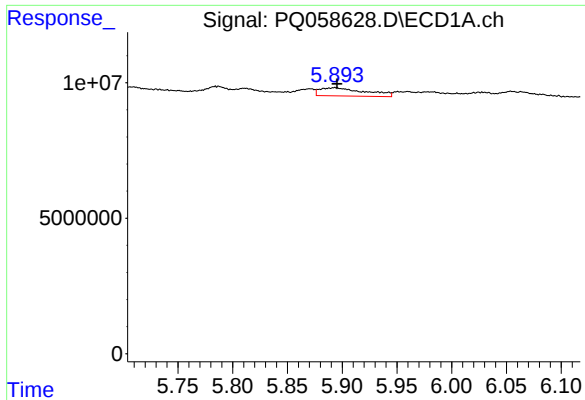
#16 AR-1242-1

R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 2772905
Conc: 20.11 ng/ml



#16 AR-1242-1

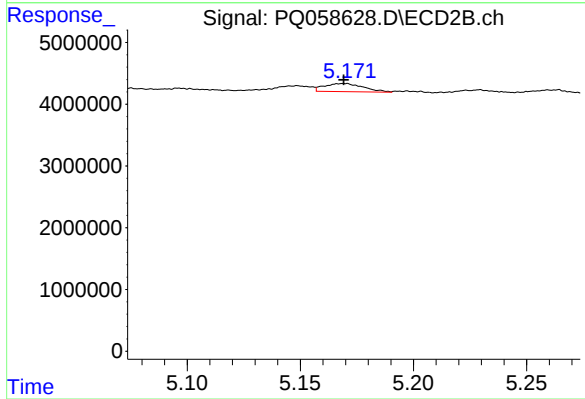
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 945452
Conc: 6.82 ng/ml



#17 AR-1242-2

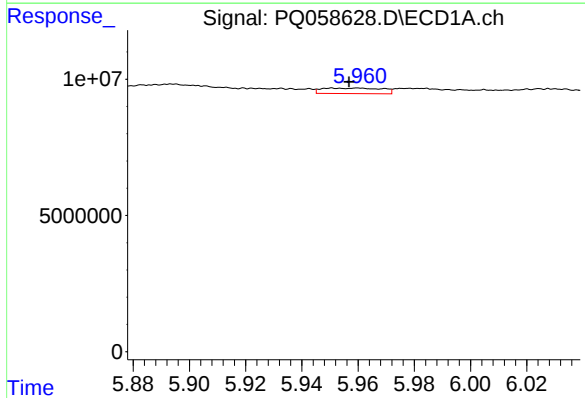
R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 8706230
Conc: 36.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



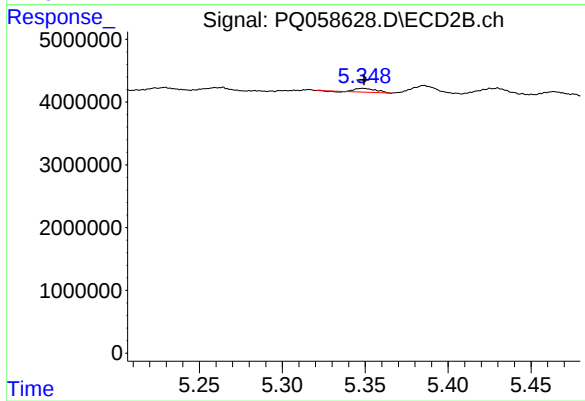
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 1614165
Conc: 8.07 ng/ml



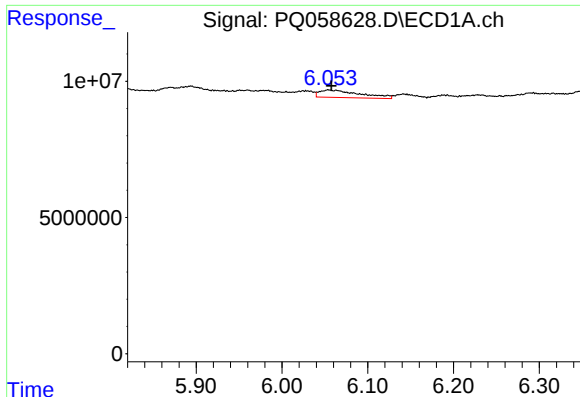
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: 0.003 min
Response: 2945610
Conc: 18.55 ng/ml



#18 AR-1242-3

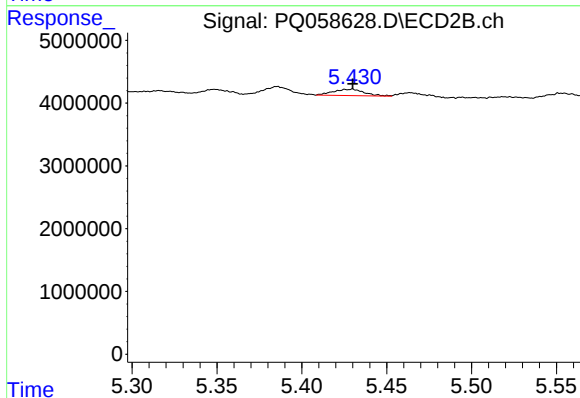
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 540032
Conc: 5.47 ng/ml



#19 AR-1242-4

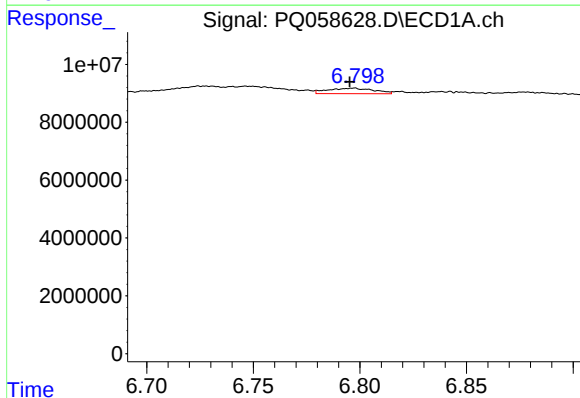
R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 9051552
Conc: 68.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



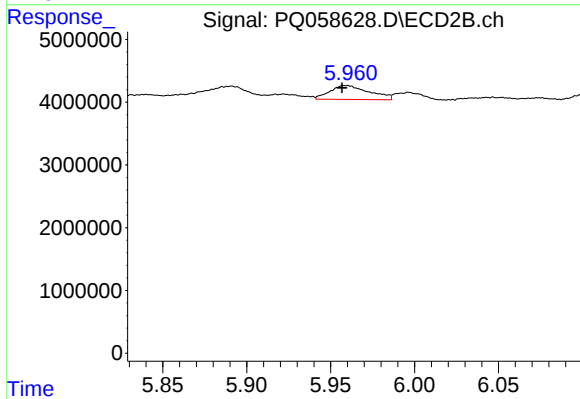
#19 AR-1242-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 1282498
Conc: 12.62 ng/ml



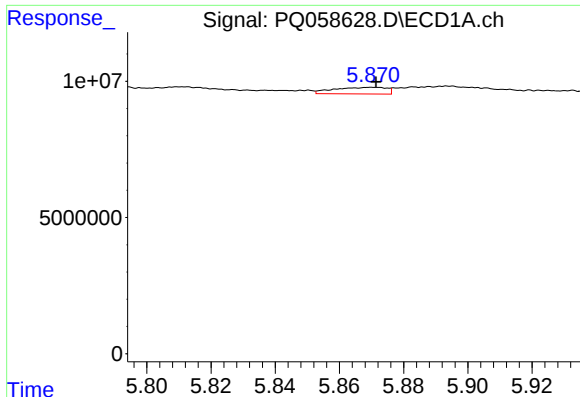
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 2882533
Conc: 25.29 ng/ml



#20 AR-1242-5

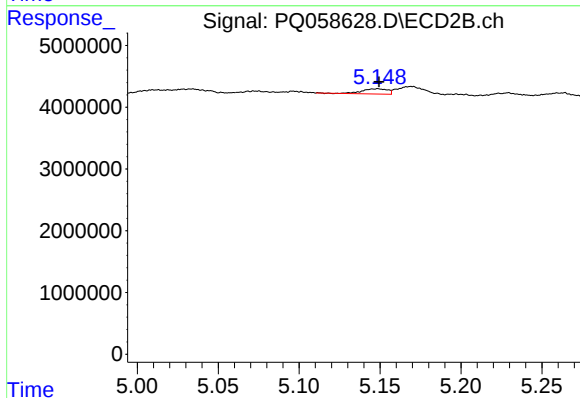
R.T.: 5.959 min
Delta R.T.: 0.002 min
Response: 3654804
Conc: 31.31 ng/ml



#21 AR-1248-1

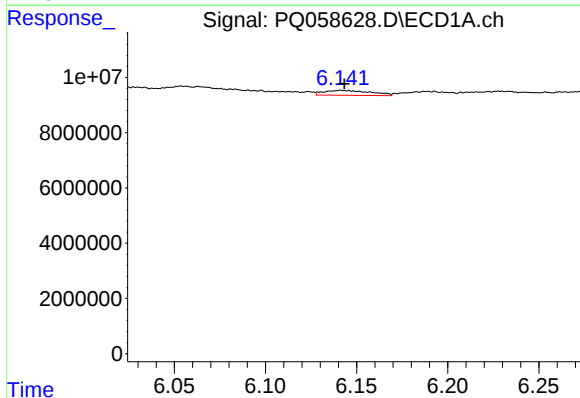
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 2772905
Conc: 23.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



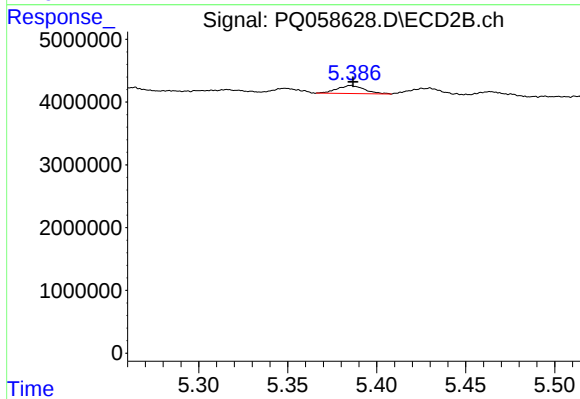
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 945452
Conc: 8.17 ng/ml



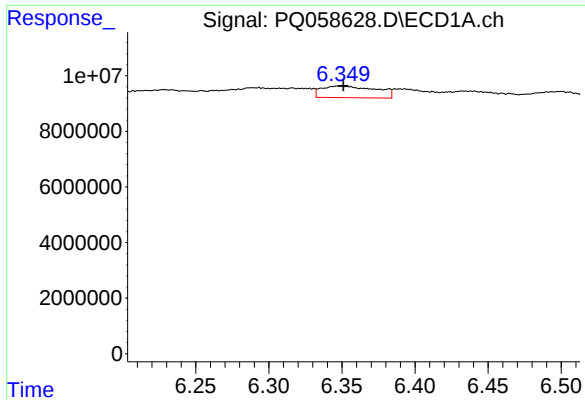
#22 AR-1248-2

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 3205285
Conc: 19.04 ng/ml



#22 AR-1248-2

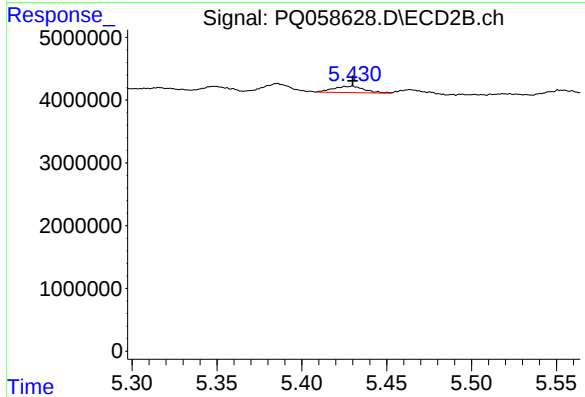
R.T.: 5.386 min
Delta R.T.: -0.001 min
Response: 1380188
Conc: 8.28 ng/ml



#23 AR-1248-3

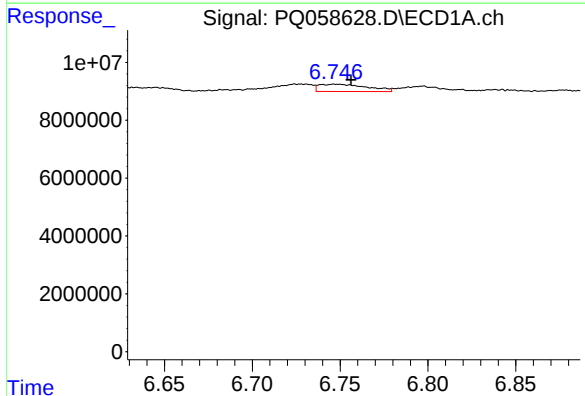
R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 10865311
Conc: 53.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



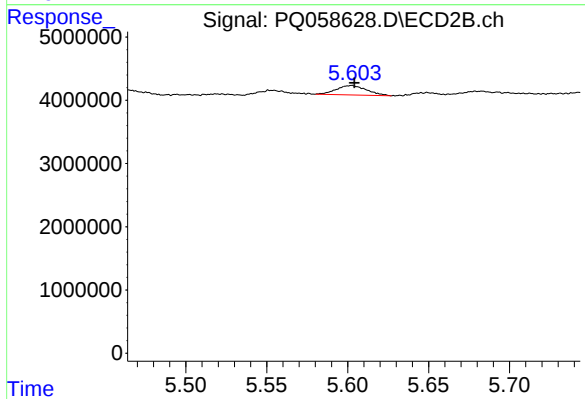
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 1282498
Conc: 7.42 ng/ml



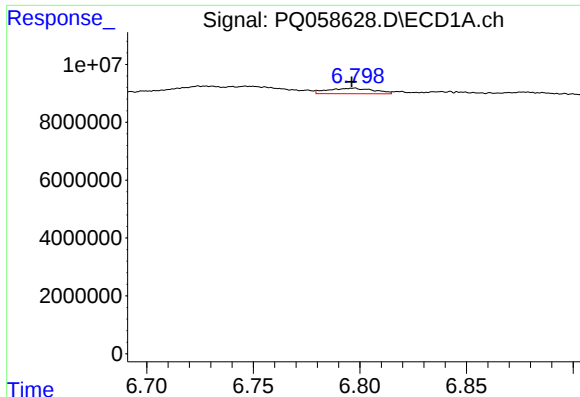
#24 AR-1248-4

R.T.: 6.747 min
Delta R.T.: -0.009 min
Response: 4831336
Conc: 24.38 ng/ml



#24 AR-1248-4

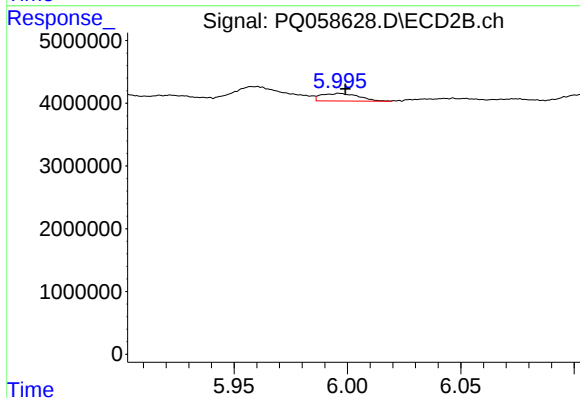
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 1941127
Conc: 9.79 ng/ml



#25 AR-1248-5

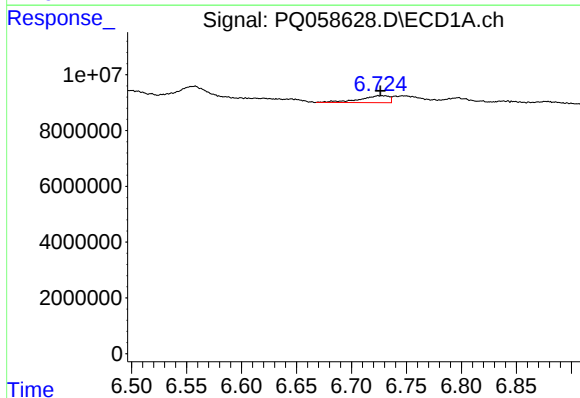
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 2882533
Conc: 13.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



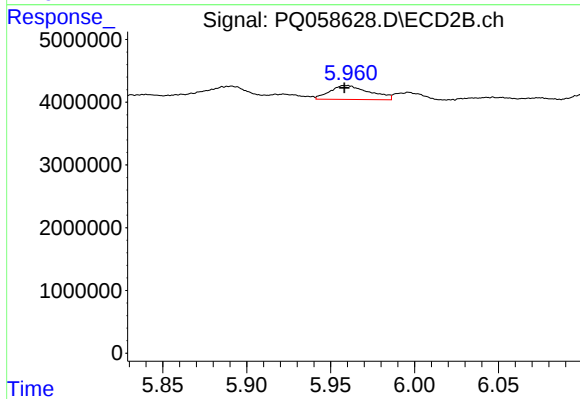
#25 AR-1248-5

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 1399213
Conc: 7.88 ng/ml



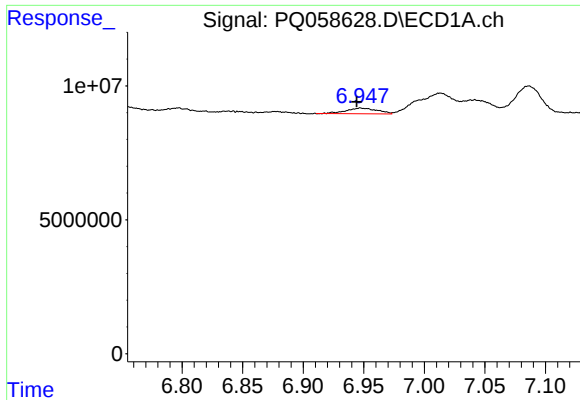
#26 AR-1254-1

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 4714995
Conc: 22.64 ng/ml



#26 AR-1254-1

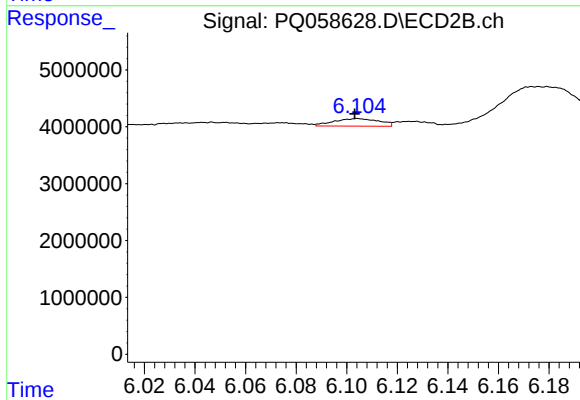
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 3654804
Conc: 12.09 ng/ml



#27 AR-1254-2

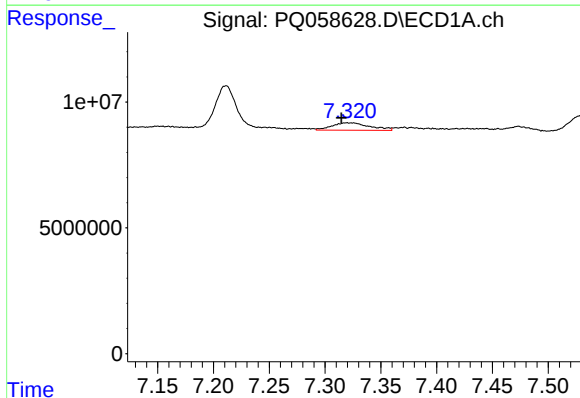
R.T.: 6.947 min
Delta R.T.: 0.003 min
Response: 3787944
Conc: 12.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



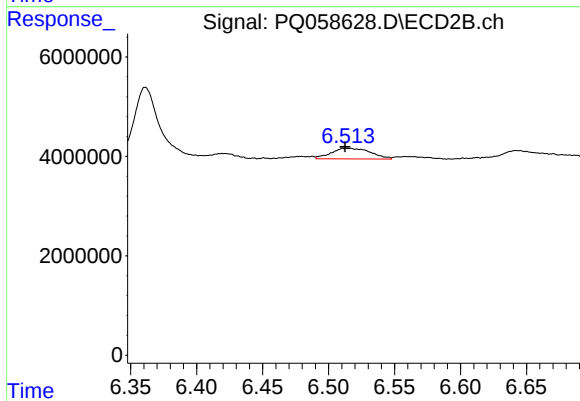
#27 AR-1254-2

R.T.: 6.104 min
Delta R.T.: 0.001 min
Response: 1639846
Conc: 6.31 ng/ml



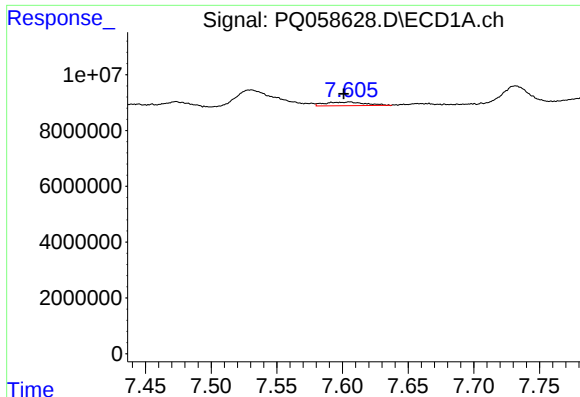
#28 AR-1254-3

R.T.: 7.320 min
Delta R.T.: 0.005 min
Response: 6899872
Conc: 19.25 ng/ml



#28 AR-1254-3

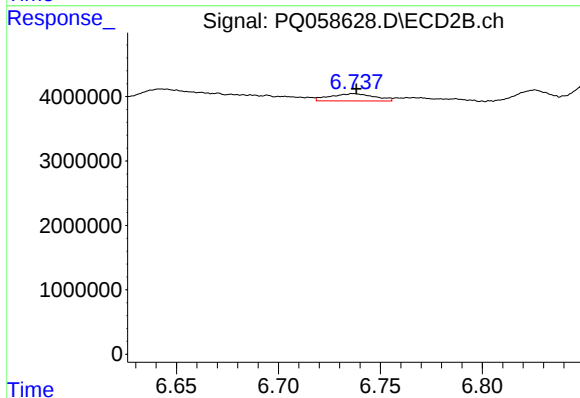
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 4436138
Conc: 11.08 ng/ml



#29 AR-1254-4

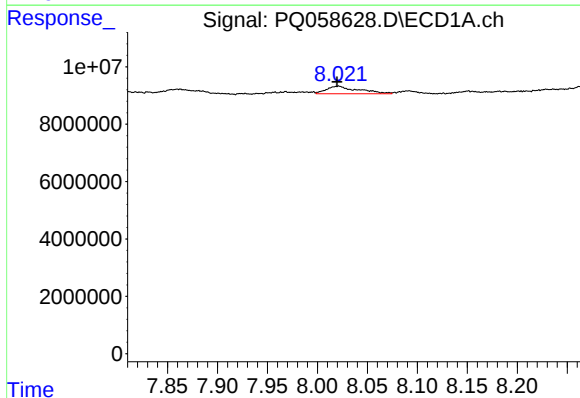
R.T.: 7.606 min
Delta R.T.: 0.005 min
Response: 2850018
Conc: 13.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



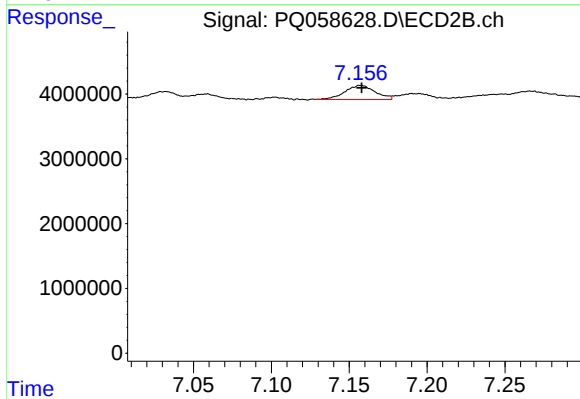
#29 AR-1254-4

R.T.: 6.737 min
Delta R.T.: -0.001 min
Response: 1703343
Conc: 6.65 ng/ml



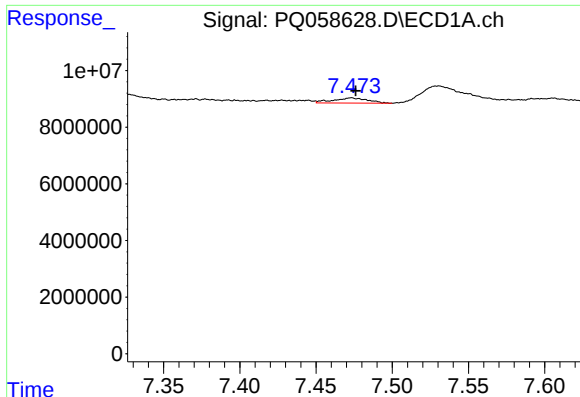
#30 AR-1254-5

R.T.: 8.021 min
Delta R.T.: 0.001 min
Response: 5950595
Conc: 22.86 ng/ml



#30 AR-1254-5

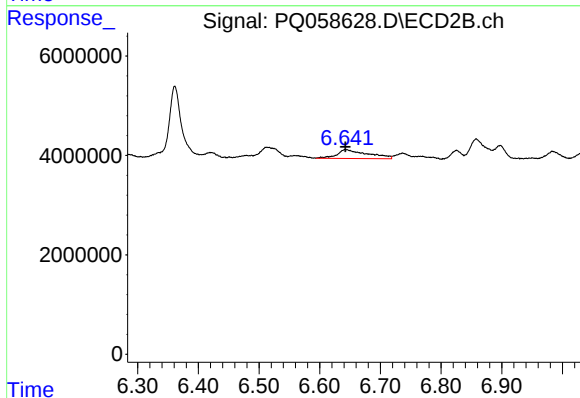
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 2939833
Conc: 9.64 ng/ml



#31 AR-1260-1

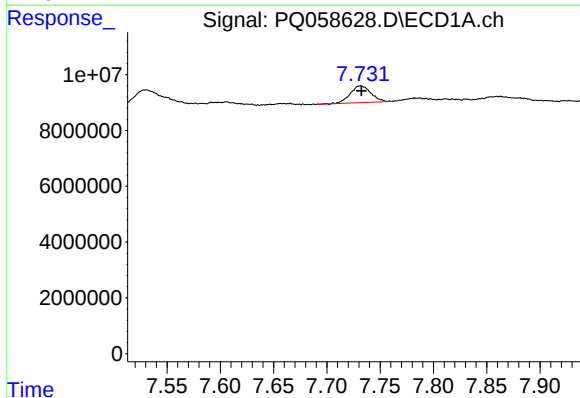
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 2846707
Conc: 16.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



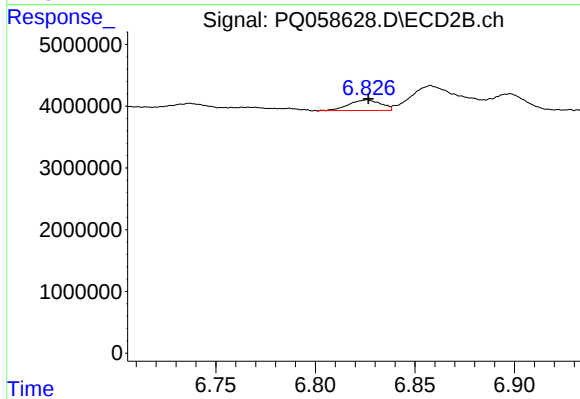
#31 AR-1260-1

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 6261750
Conc: 31.28 ng/ml



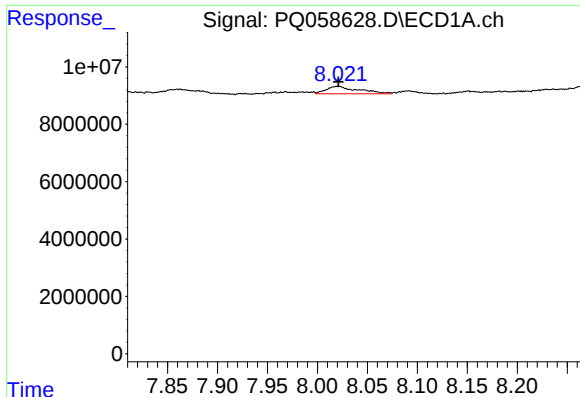
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 8067596
Conc: 38.52 ng/ml



#32 AR-1260-2

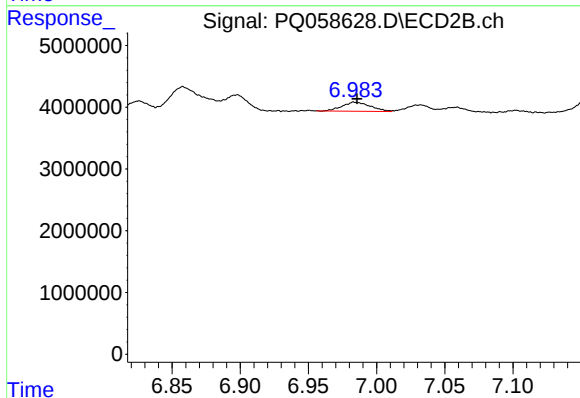
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 1929815
Conc: 8.29 ng/ml



#33 AR-1260-3

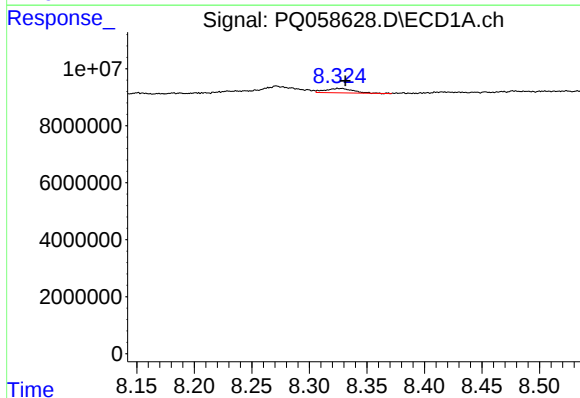
R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 5950595
Conc: 22.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



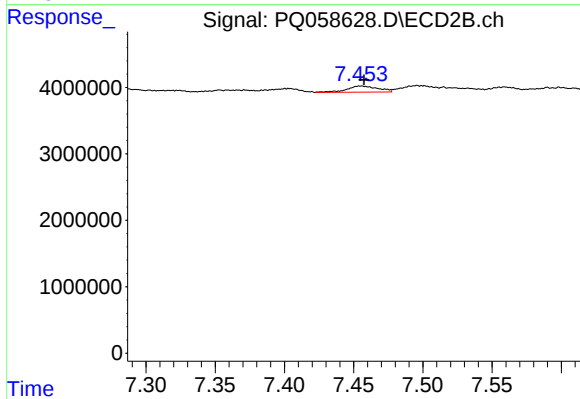
#33 AR-1260-3

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 2126818
Conc: 9.94 ng/ml



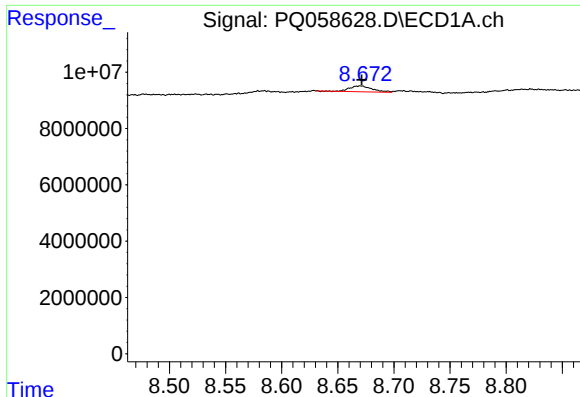
#34 AR-1260-4

R.T.: 8.327 min
Delta R.T.: -0.004 min
Response: 2595758
Conc: 12.76 ng/ml



#34 AR-1260-4

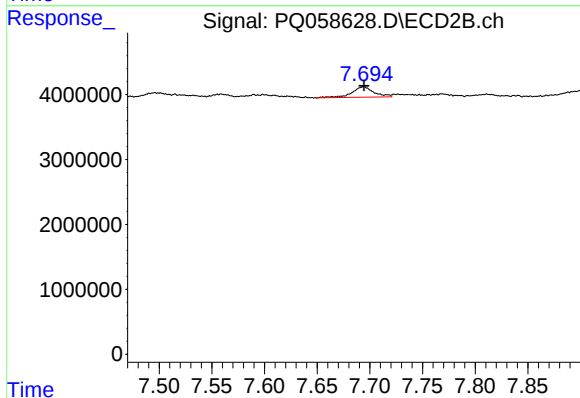
R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 1452198
Conc: 8.22 ng/ml



#35 AR-1260-5

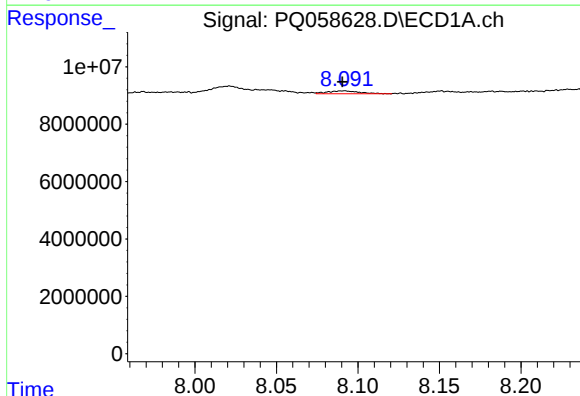
R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 2874312
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



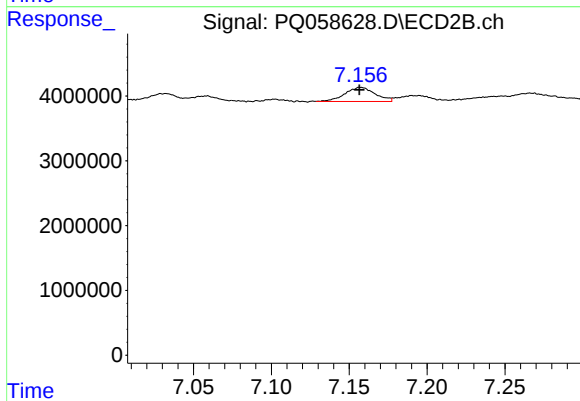
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 2357428
Conc: 5.93 ng/ml



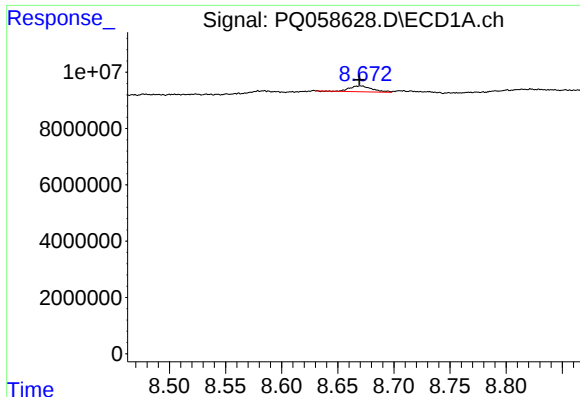
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 1357290
Conc: 4.16 ng/ml



#36 AR-1262-1

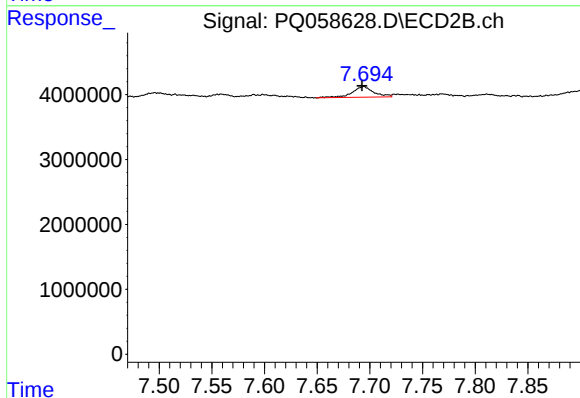
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 2939833
Conc: 18.23 ng/ml



#37 AR-1262-2

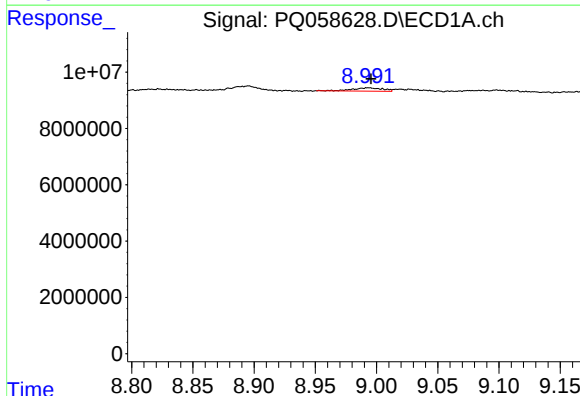
R.T.: 8.670 min
Delta R.T.: 0.001 min
Response: 2874312
Conc: 4.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



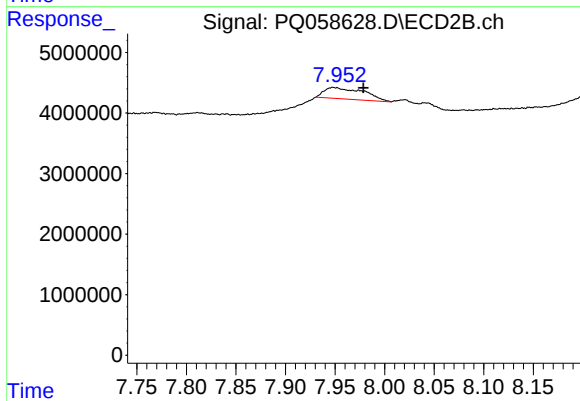
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 2357428
Conc: 4.22 ng/ml



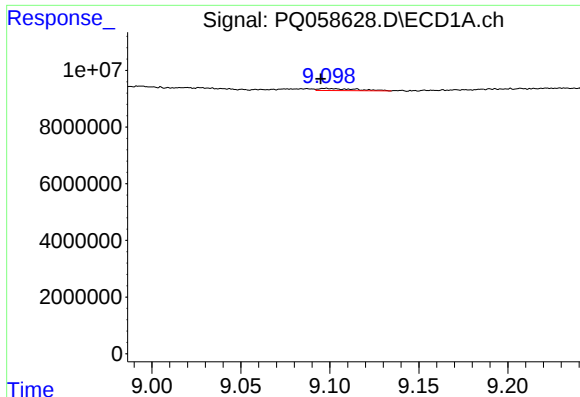
#38 AR-1262-3

R.T.: 8.994 min
Delta R.T.: -0.002 min
Response: 2009539
Conc: 5.75 ng/ml



#38 AR-1262-3

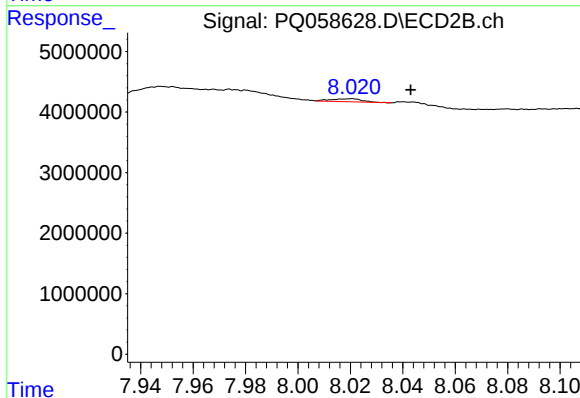
R.T.: 7.948 min
Delta R.T.: -0.030 min
Response: 5169298
Conc: 23.73 ng/ml



#39 AR-1262-4

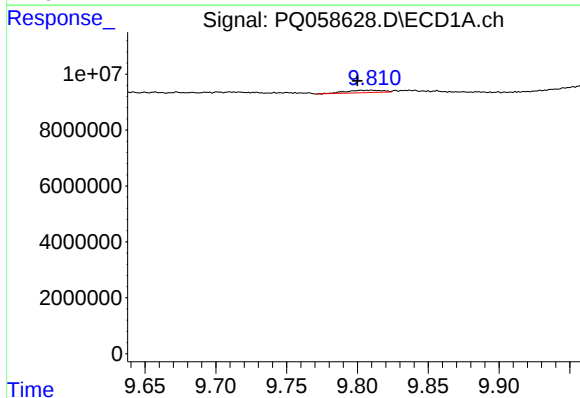
R.T.: 9.098 min
Delta R.T.: 0.003 min
Response: 1071227
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



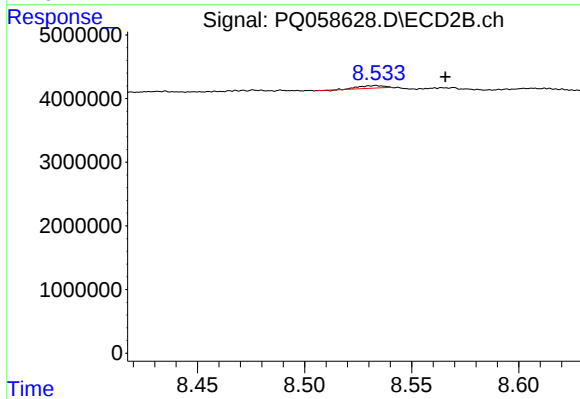
#39 AR-1262-4

R.T.: 8.020 min
Delta R.T.: -0.023 min
Response: 402160
Conc: 1.01 ng/ml



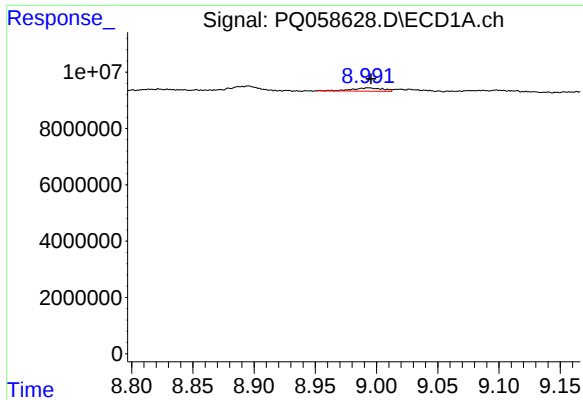
#40 AR-1262-5

R.T.: 9.810 min
Delta R.T.: 0.010 min
Response: 1611349
Conc: 6.36 ng/ml



#40 AR-1262-5

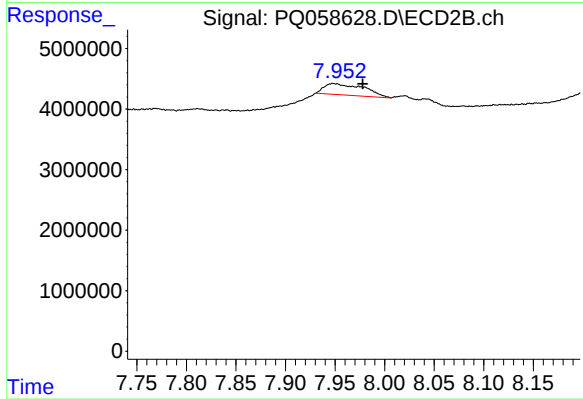
R.T.: 8.533 min
Delta R.T.: -0.032 min
Response: 334928
Conc: 2.11 ng/ml



#41 AR-1268-1

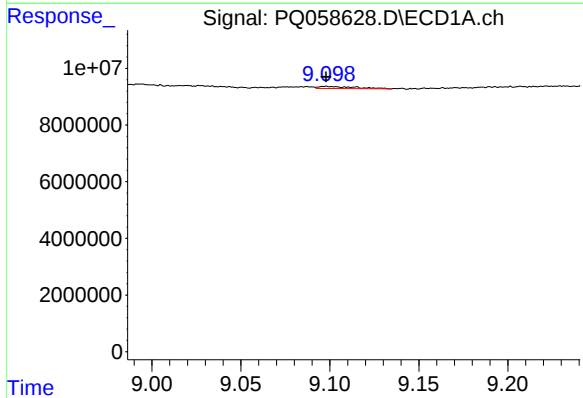
R.T.: 8.994 min
Delta R.T.: -0.002 min
Response: 2009539
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



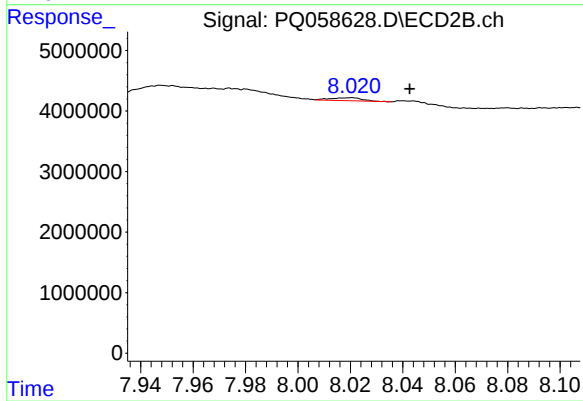
#41 AR-1268-1

R.T.: 7.948 min
Delta R.T.: -0.030 min
Response: 5169298
Conc: 6.65 ng/ml



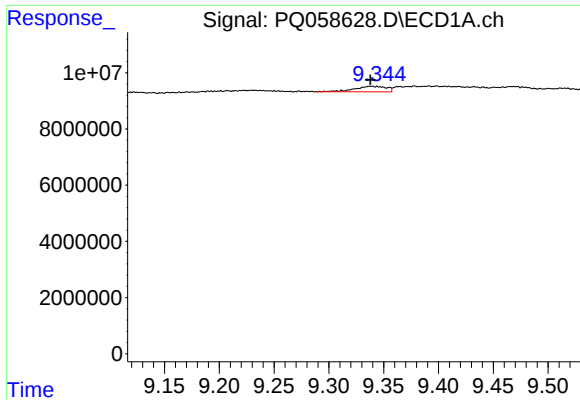
#42 AR-1268-2

R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 1071227
Conc: 0.99 ng/ml



#42 AR-1268-2

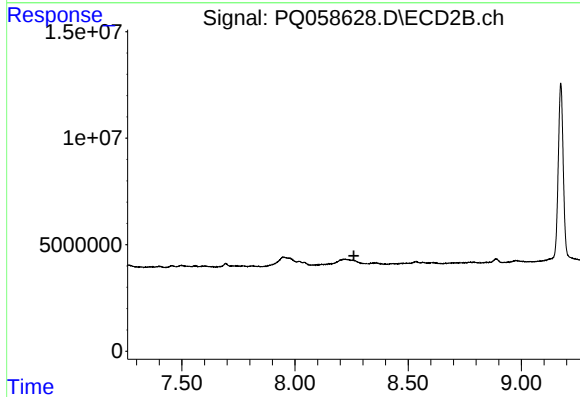
R.T.: 8.020 min
Delta R.T.: -0.022 min
Response: 402160
Conc: 0.57 ng/ml



#43 AR-1268-3

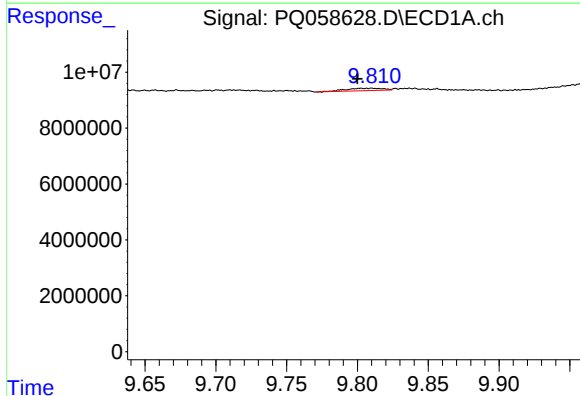
R.T.: 9.339 min
Delta R.T.: 0.000 min
Response: 3983438
Conc: 4.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



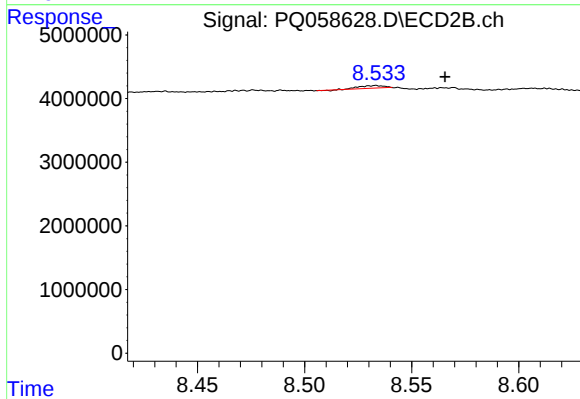
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.260 min
Response: 0
Conc: N.D.



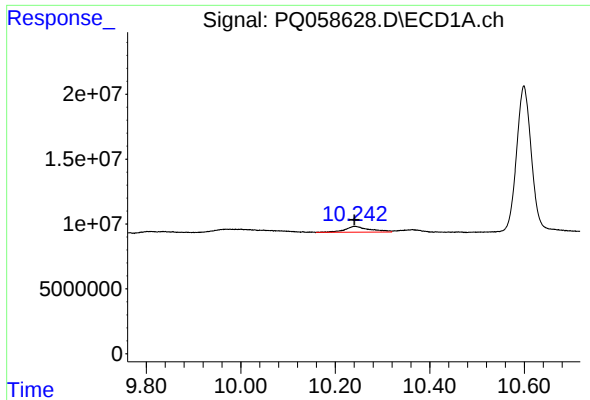
#44 AR-1268-4

R.T.: 9.810 min
Delta R.T.: 0.010 min
Response: 1611349
Conc: 4.86 ng/ml



#44 AR-1268-4

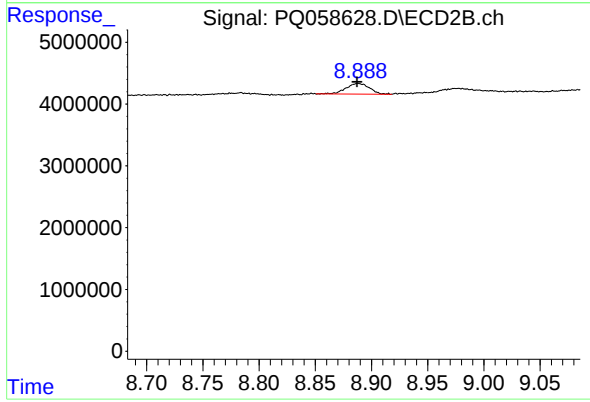
R.T.: 8.533 min
Delta R.T.: -0.032 min
Response: 334928
Conc: 1.57 ng/ml



#45 AR-1268-5

R.T.: 10.241 min
Delta R.T.: 0.000 min
Response: 16730553
Conc: 5.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 2530721
Conc: 1.38 ng/ml