

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030922\
 Data File : PQ056373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2022 10:03
 Operator : YP\AJ
 Sample : N1645-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:24:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 09 03:41:18 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...	4.679	3.848	233.5E6	218.1E6	17.803	17.376
2)	SA Decachlor...	10.591	8.840	299.8E6	167.9E6	18.874	17.651
Target Compounds							
3)	L1 AR-1016-1	5.868	4.927	8727152	6064029	26.248	17.423 #
4)	L1 AR-1016-2	5.889	4.946	16036515	12069509	23.886	17.916
5)	L1 AR-1016-3	5.951	5.121	10296652	6206081	24.063	21.144
6)	L1 AR-1016-4	6.052	5.157	9168403	6256921	25.862	24.302
7)	L1 AR-1016-5	6.342	5.370	7236647	6202242	25.251	20.243
8)	L2 AR-1221-1	4.896	4.058	870520	757648	6.883	6.857
9)	L2 AR-1221-2	4.991	4.147	3858161	3280931	39.020	41.180
10)	L2 AR-1221-3	5.059	4.222	1952548	3696107	6.173	13.712 #
11)	L3 AR-1232-1	5.059	4.222	1952548	3696107	8.051	18.115 #
12)	L3 AR-1232-2	5.591	4.946	9441601	12069509	66.167	46.055 #
13)	L3 AR-1232-3	5.889	5.121	16036515	6206081	59.703	55.260
14)	L3 AR-1232-4	6.052	5.200	9168403	6439714	63.838	58.825
15)	L3 AR-1232-5	6.132	5.370	6172575	6202242	58.742	53.212
16)	L4 AR-1242-1	5.868	4.927	8727152	6064029	38.578	25.991 #
17)	L4 AR-1242-2	5.889	4.946	16036515	12069509	34.985	26.041 #
18)	L4 AR-1242-3	5.951	5.121	10296652	6206081	33.784	31.016
19)	L4 AR-1242-4	6.052	5.200	9168403	6439714	37.206	29.467
20)	L4 AR-1242-5	6.787	5.717	617526	5115391	2.600	19.235 #
21)	L5 AR-1248-1	5.868	4.927	8727152	6064029	47.961	32.364 #
22)	L5 AR-1248-2	6.132	5.157	6172575	6256921	21.045	20.375
23)	L5 AR-1248-3	6.342	5.200	7236647	6439714	21.688	20.714
24)	L5 AR-1248-4	6.756	5.370	2355406	6202242	6.526	16.980 #
25)	L5 AR-1248-5	6.787	5.767	617526	760502	1.574	1.793
26)	L6 AR-1254-1	6.719	5.717	4833761	5115391	13.643	8.726 #
27)	L6 AR-1254-2	6.936	5.863	5424668	4758782	9.907	9.432
28)	L6 AR-1254-3	7.311	6.277	3422586	8284809	5.208	10.404 #
29)	L6 AR-1254-4	7.593	6.517f	4015778	4113770	8.542	7.620
30)	L6 AR-1254-5	8.013	6.906	30783557	12835942	44.855	18.089 #
31)	L7 AR-1260-1	7.467	6.392	12287196	12887081	25.791	20.685
32)	L7 AR-1260-2	7.725	6.579	20031791	14330106	32.602	19.686 #
33)	L7 AR-1260-3	8.084	6.732	20104111	12655757	40.579	18.834 #
34)	L7 AR-1260-4	8.324	7.198	22870683	11424496	39.637	22.351 #
35)	L7 AR-1260-5	8.665	7.439	37861220	22907840	28.366	19.610 #
36)	L8 AR-1262-1	8.084	6.906	20104111	12835942	28.152	37.890 #
37)	L8 AR-1262-2	8.665	7.439	37861220	22907840	26.123	18.453 #
38)	L8 AR-1262-3	8.990	7.719	15999855	6197067	20.764	12.210 #
39)	L8 AR-1262-4	9.082	7.785	23582457	18183385	43.337	19.363 #
40)	L8 AR-1262-5	9.794	8.284	10569075	6698859	17.200	18.253
41)	L9 AR-1268-1	8.990	7.719	15999855	6197067	7.948	4.098 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030922\
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 Acq On : 09 Mar 2022 10:03
 Operator : YP\AJ
 Sample : N1645-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

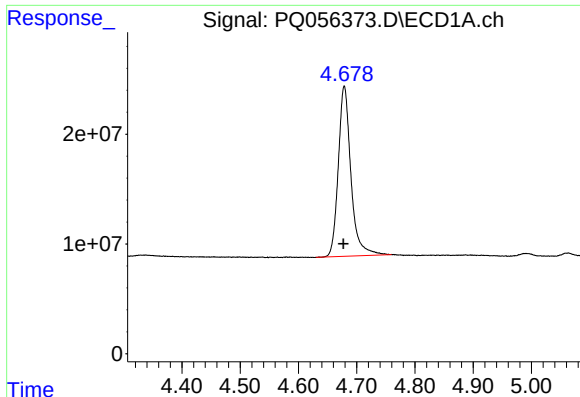
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:24:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 09 03:41:18 2022
 Response via : Initial Calibration
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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	9.082	7.785	23582457	18183385	11.346	12.908
43) L9	AR-1268-3	9.336	7.987	5756991	1351496	3.106	1.131 #
44) L9	AR-1268-4	9.794	8.284	10569075	6698859	14.935	15.765
45) L9	AR-1268-5	10.236	8.583	6081593	2668536	1.114	0.801 #

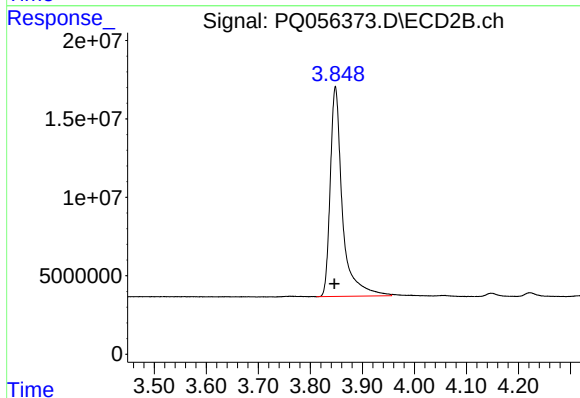
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

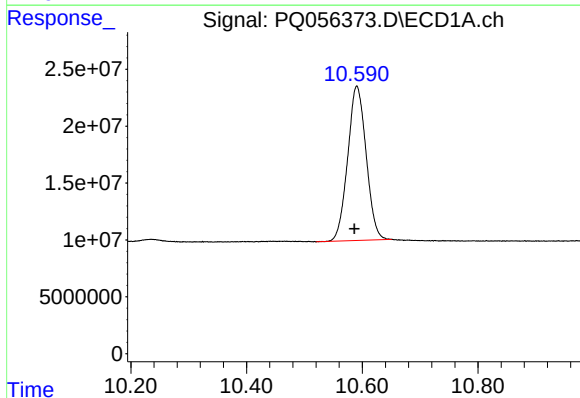
R.T.: 4.679 min
Delta R.T.: 0.002 min
Response: 233499376
Conc: 17.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



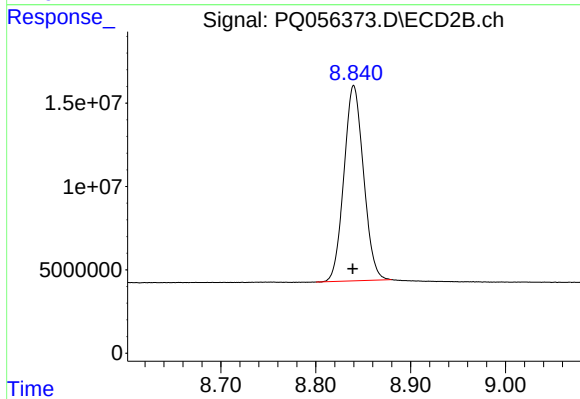
#1 Tetrachloro-m-xylene

R.T.: 3.848 min
Delta R.T.: 0.002 min
Response: 218130909
Conc: 17.38 ng/ml



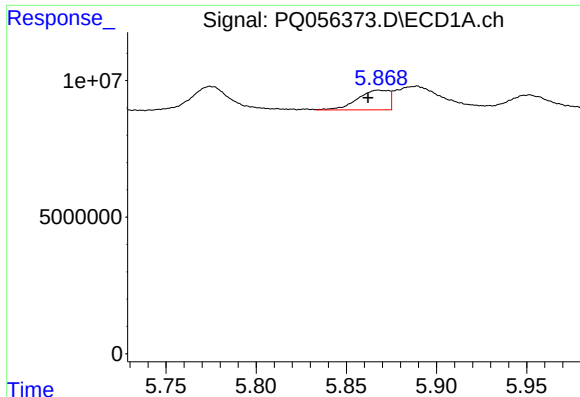
#2 Decachlorobiphenyl

R.T.: 10.591 min
Delta R.T.: 0.004 min
Response: 299789347
Conc: 18.87 ng/ml



#2 Decachlorobiphenyl

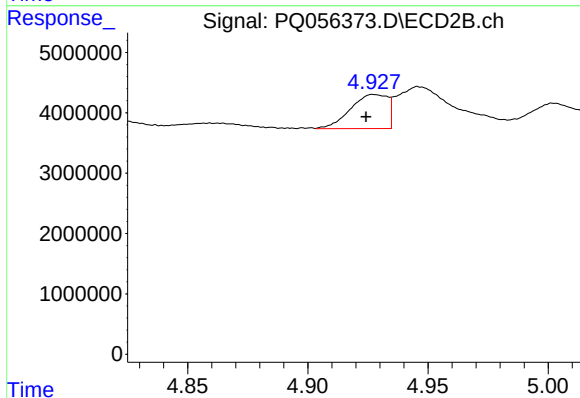
R.T.: 8.840 min
Delta R.T.: 0.001 min
Response: 167940985
Conc: 17.65 ng/ml



#3 AR-1016-1

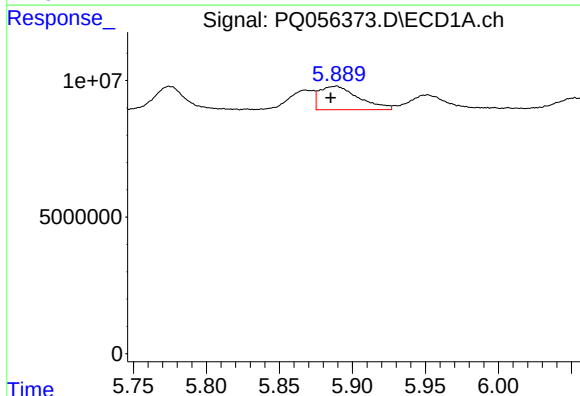
R.T.: 5.868 min
Delta R.T.: 0.006 min
Response: 8727152
Conc: 26.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



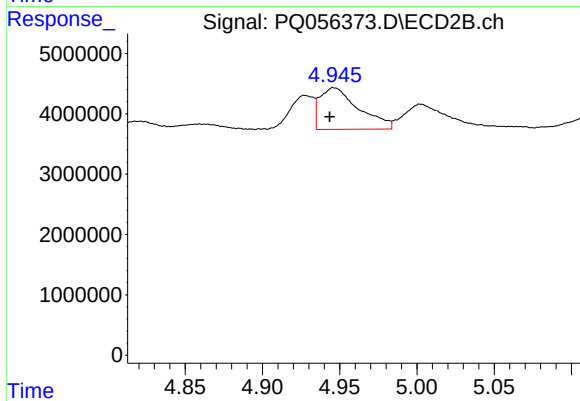
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: 0.003 min
Response: 6064029
Conc: 17.42 ng/ml



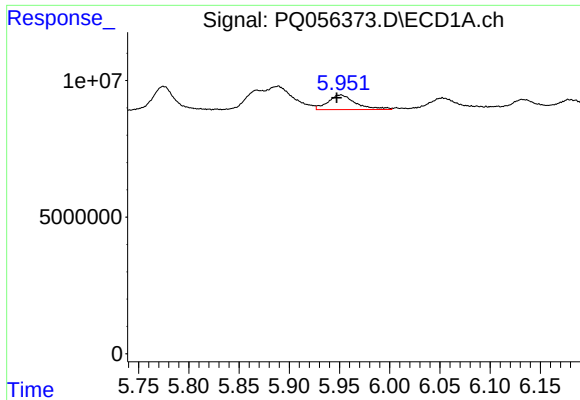
#4 AR-1016-2

R.T.: 5.889 min
Delta R.T.: 0.004 min
Response: 16036515
Conc: 23.89 ng/ml



#4 AR-1016-2

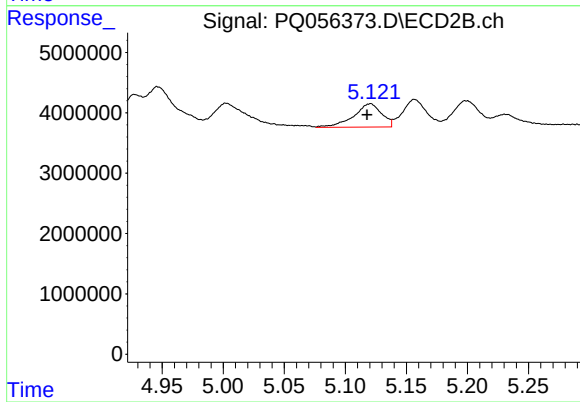
R.T.: 4.946 min
Delta R.T.: 0.002 min
Response: 12069509
Conc: 17.92 ng/ml



#5 AR-1016-3

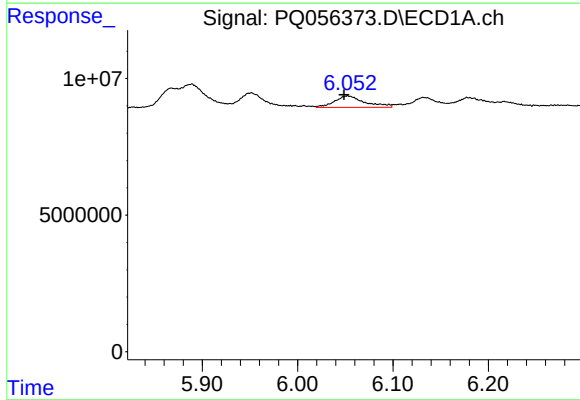
R.T.: 5.951 min
Delta R.T.: 0.004 min
Response: 10296652
Conc: 24.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



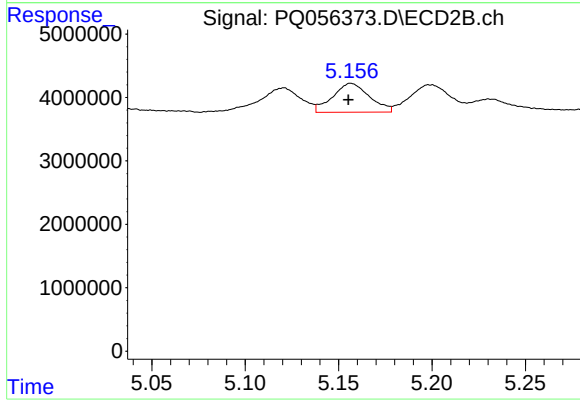
#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: 0.003 min
Response: 6206081
Conc: 21.14 ng/ml



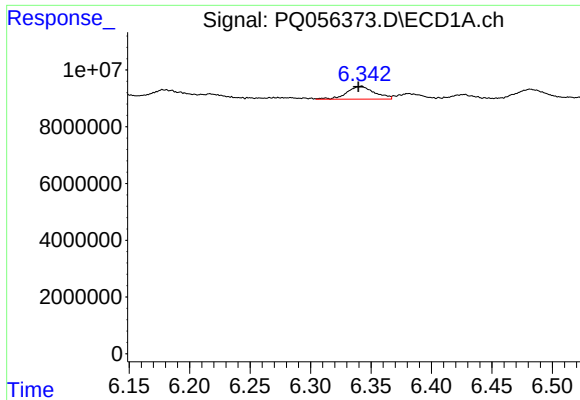
#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: 0.004 min
Response: 9168403
Conc: 25.86 ng/ml



#6 AR-1016-4

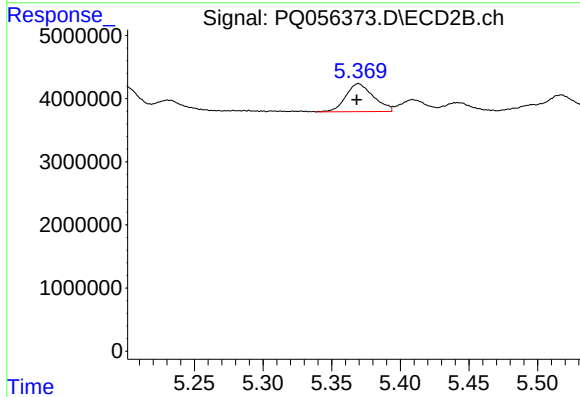
R.T.: 5.157 min
Delta R.T.: 0.001 min
Response: 6256921
Conc: 24.30 ng/ml



#7 AR-1016-5

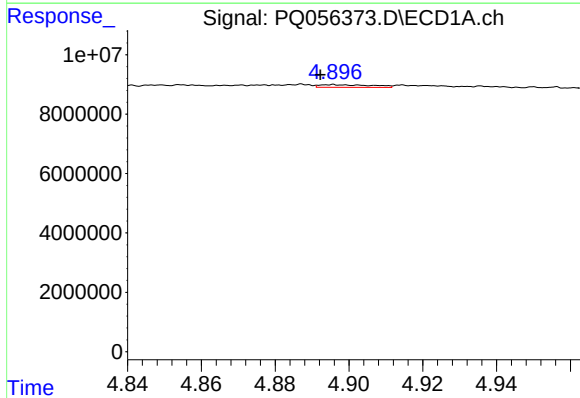
R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 7236647
Conc: 25.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



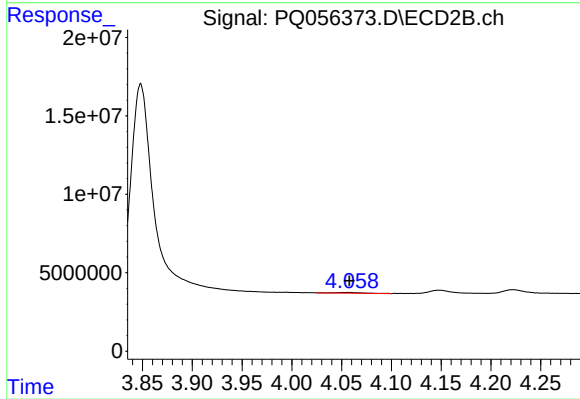
#7 AR-1016-5

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 6202242
Conc: 20.24 ng/ml



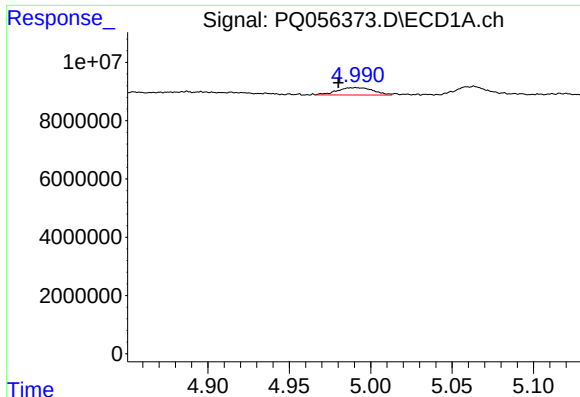
#8 AR-1221-1

R.T.: 4.896 min
Delta R.T.: 0.004 min
Response: 870520
Conc: 6.88 ng/ml



#8 AR-1221-1

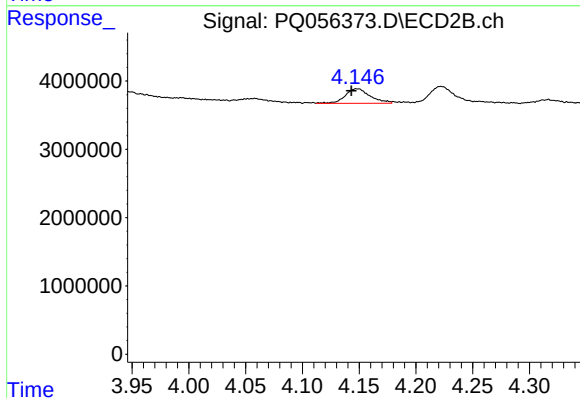
R.T.: 4.058 min
Delta R.T.: 0.000 min
Response: 757648
Conc: 6.86 ng/ml



#9 AR-1221-2

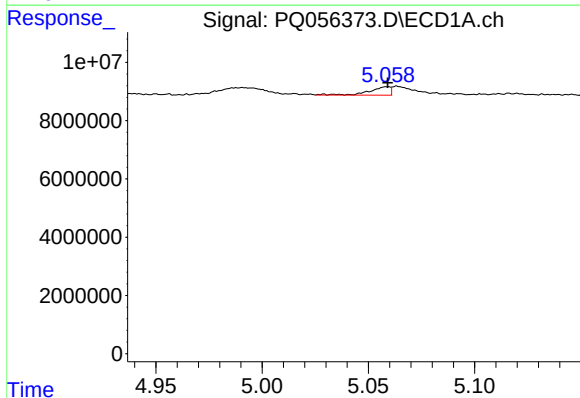
R.T.: 4.991 min
Delta R.T.: 0.011 min
Response: 3858161
Conc: 39.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



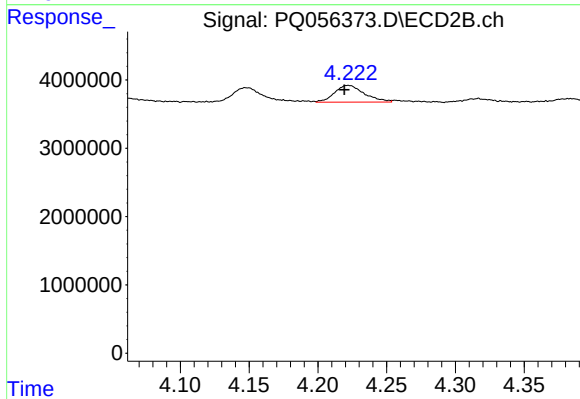
#9 AR-1221-2

R.T.: 4.147 min
Delta R.T.: 0.004 min
Response: 3280931
Conc: 41.18 ng/ml



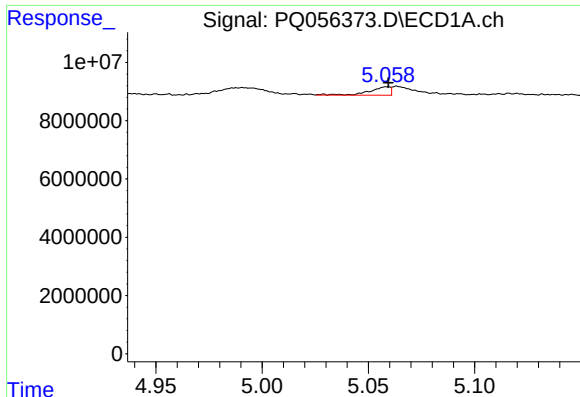
#10 AR-1221-3

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 1952548
Conc: 6.17 ng/ml



#10 AR-1221-3

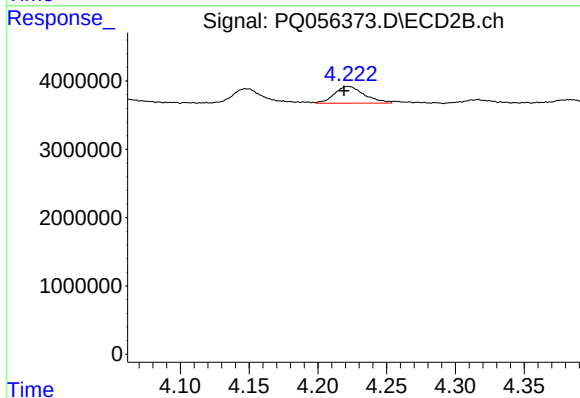
R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 3696107
Conc: 13.71 ng/ml



#11 AR-1232-1

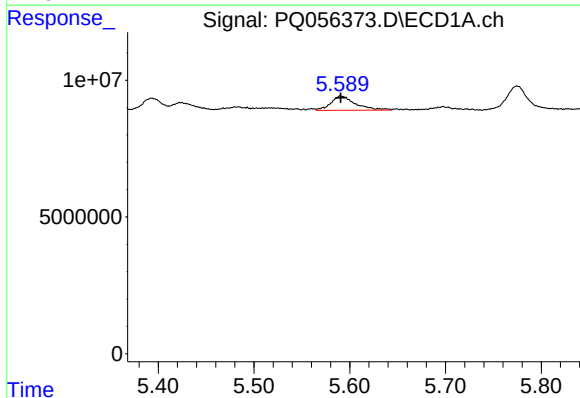
R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 1952548
Conc: 8.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



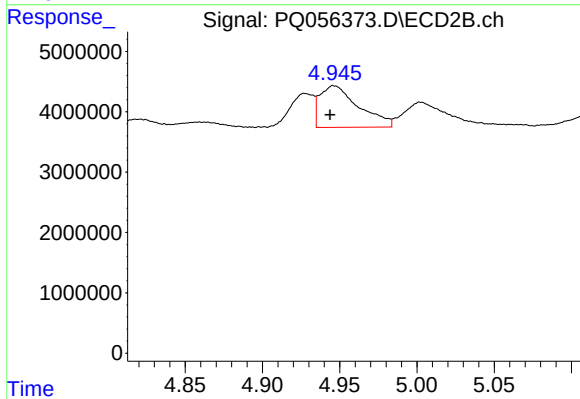
#11 AR-1232-1

R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 3696107
Conc: 18.11 ng/ml



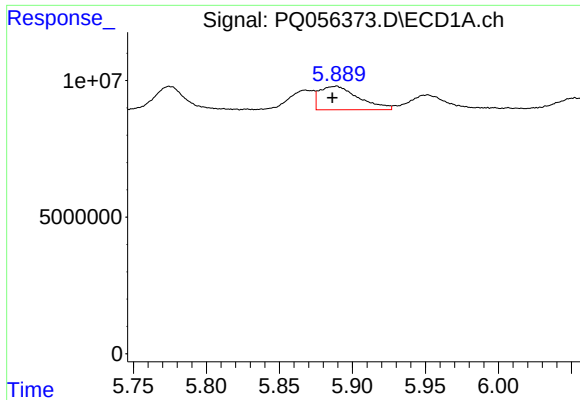
#12 AR-1232-2

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 9441601
Conc: 66.17 ng/ml



#12 AR-1232-2

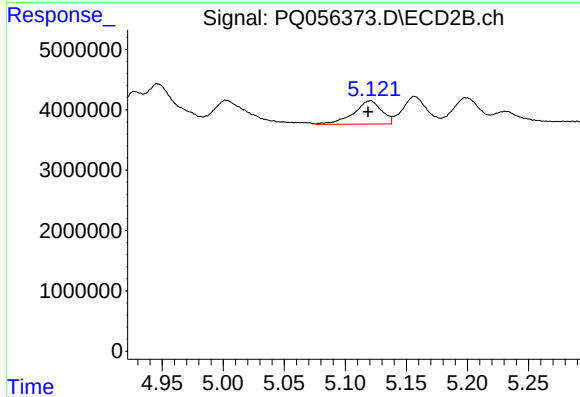
R.T.: 4.946 min
Delta R.T.: 0.002 min
Response: 12069509
Conc: 46.06 ng/ml



#13 AR-1232-3

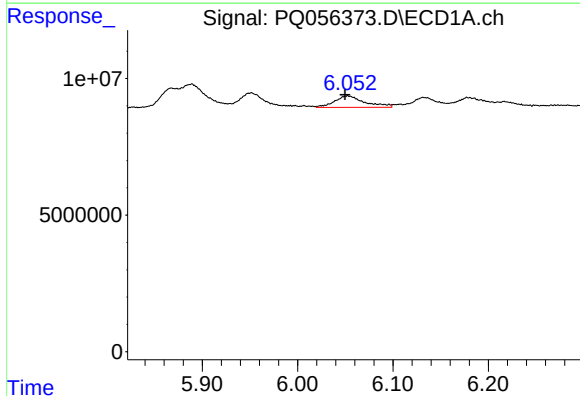
R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 16036515
Conc: 59.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



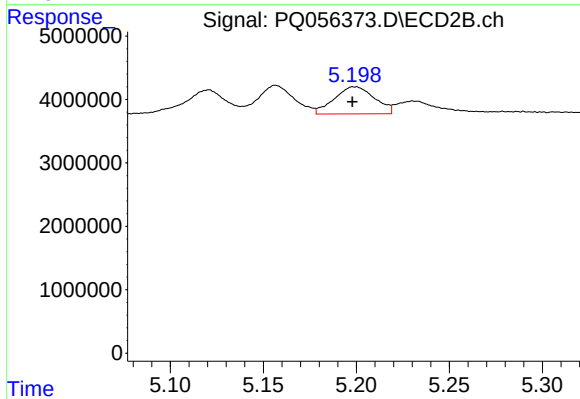
#13 AR-1232-3

R.T.: 5.121 min
Delta R.T.: 0.002 min
Response: 6206081
Conc: 55.26 ng/ml



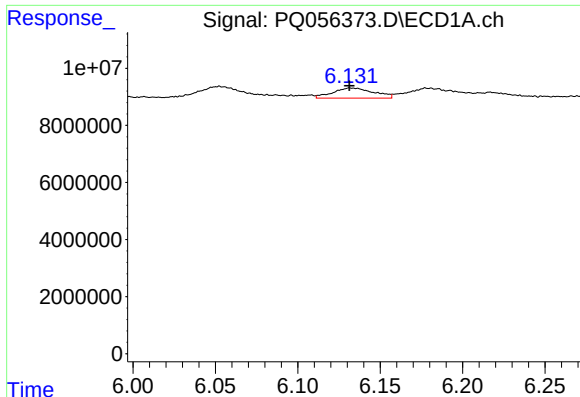
#14 AR-1232-4

R.T.: 6.052 min
Delta R.T.: 0.003 min
Response: 9168403
Conc: 63.84 ng/ml



#14 AR-1232-4

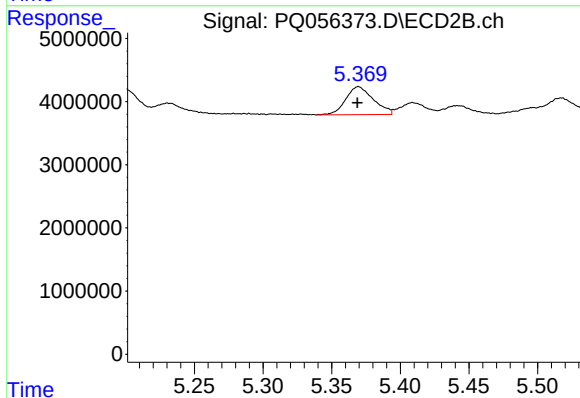
R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 6439714
Conc: 58.82 ng/ml



#15 AR-1232-5

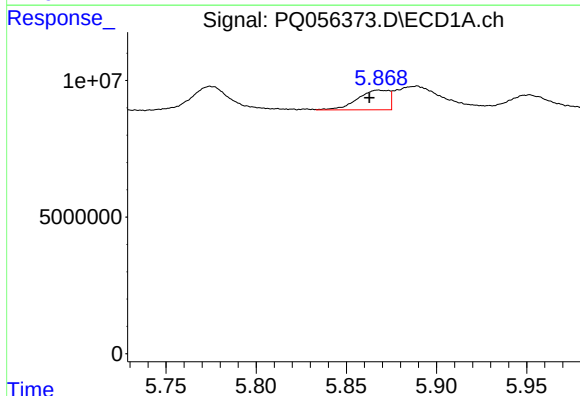
R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 6172575
Conc: 58.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



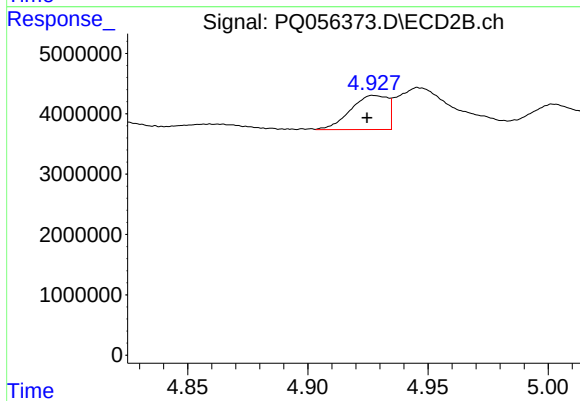
#15 AR-1232-5

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 6202242
Conc: 53.21 ng/ml



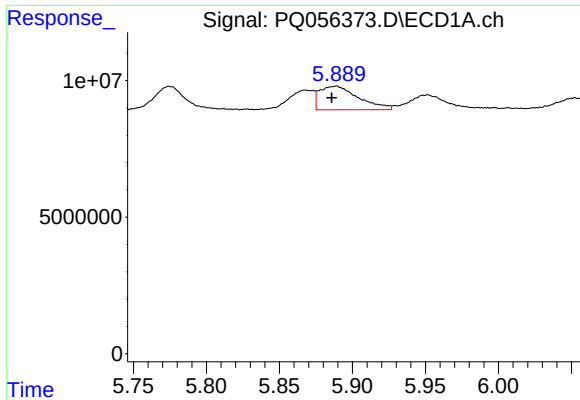
#16 AR-1242-1

R.T.: 5.868 min
Delta R.T.: 0.005 min
Response: 8727152
Conc: 38.58 ng/ml



#16 AR-1242-1

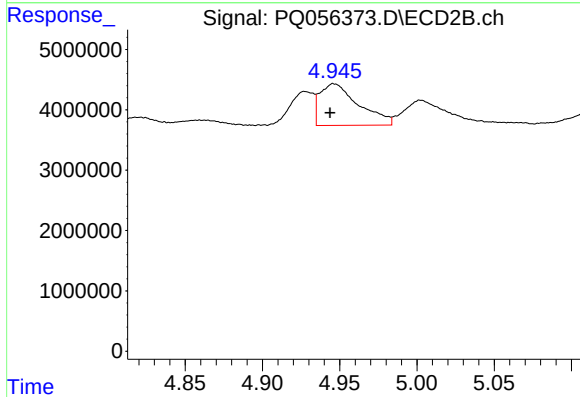
R.T.: 4.927 min
Delta R.T.: 0.003 min
Response: 6064029
Conc: 25.99 ng/ml



#17 AR-1242-2

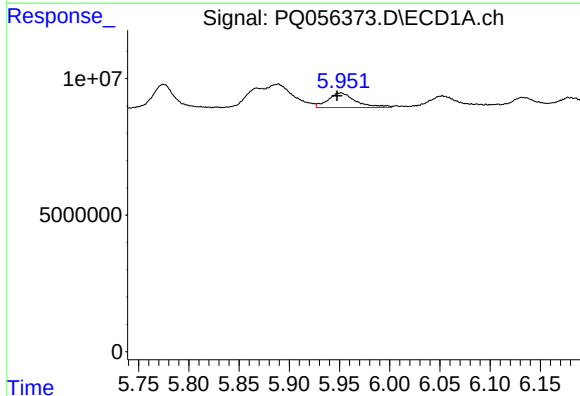
R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 16036515
Conc: 34.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



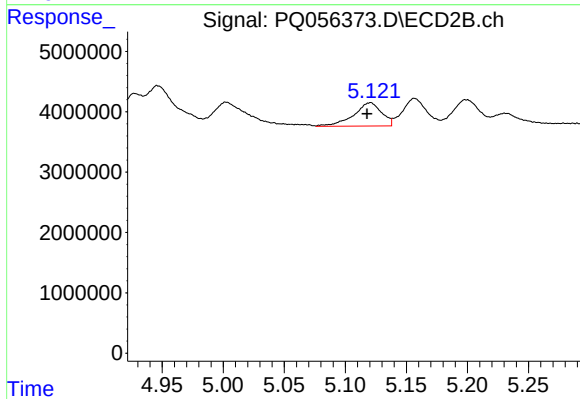
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: 0.002 min
Response: 12069509
Conc: 26.04 ng/ml



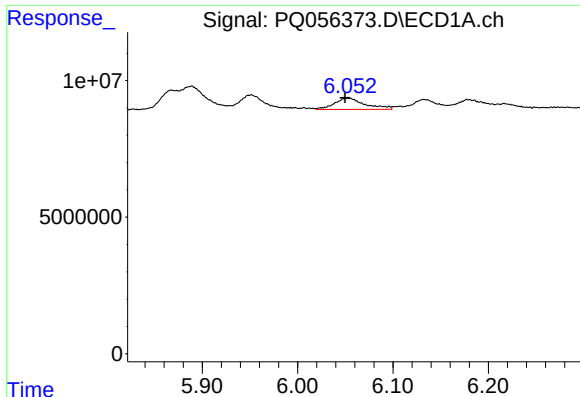
#18 AR-1242-3

R.T.: 5.951 min
Delta R.T.: 0.004 min
Response: 10296652
Conc: 33.78 ng/ml



#18 AR-1242-3

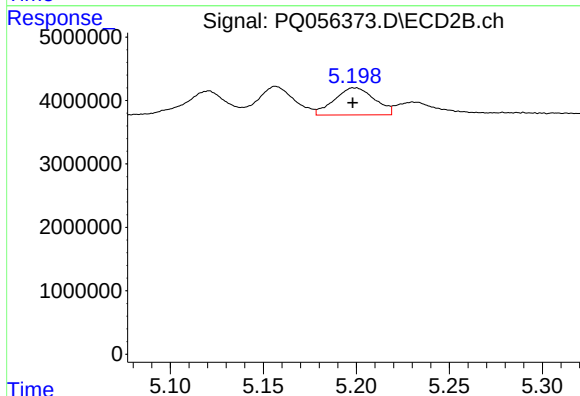
R.T.: 5.121 min
Delta R.T.: 0.003 min
Response: 6206081
Conc: 31.02 ng/ml



#19 AR-1242-4

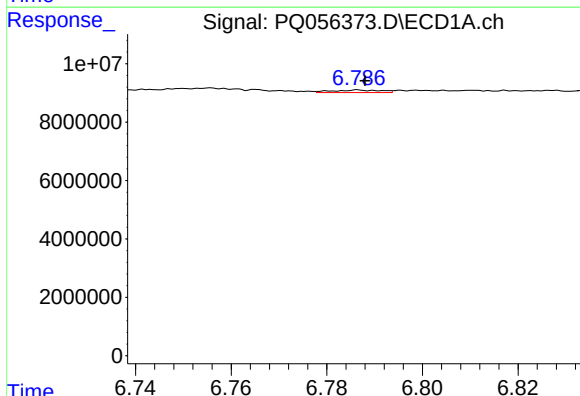
R.T.: 6.052 min
Delta R.T.: 0.003 min
Response: 9168403
Conc: 37.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



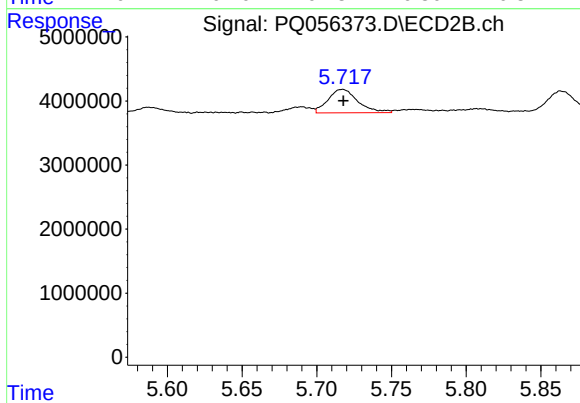
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 6439714
Conc: 29.47 ng/ml



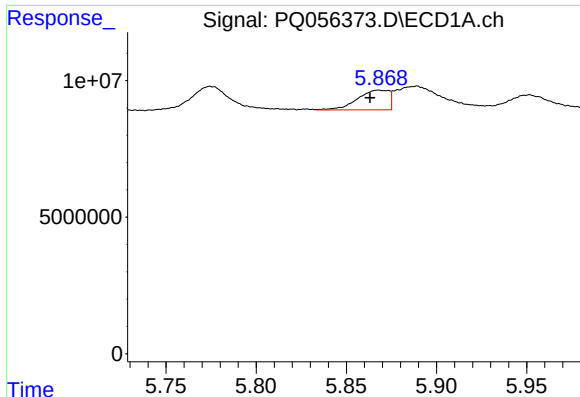
#20 AR-1242-5

R.T.: 6.787 min
Delta R.T.: -0.001 min
Response: 617526
Conc: 2.60 ng/ml



#20 AR-1242-5

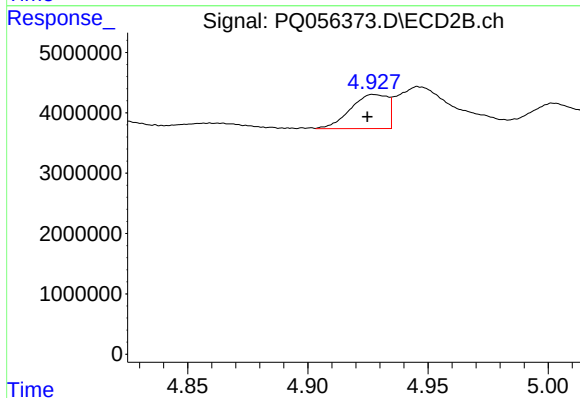
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 5115391
Conc: 19.23 ng/ml



#21 AR-1248-1

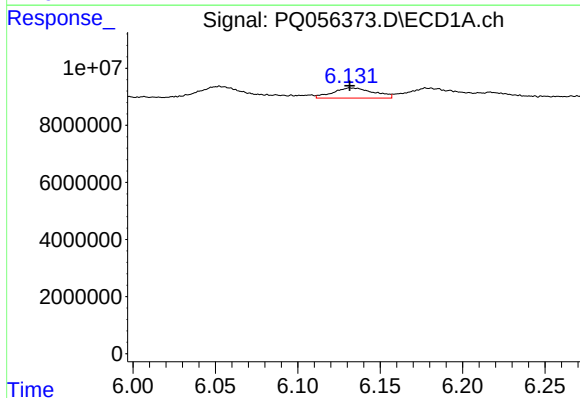
R.T.: 5.868 min
Delta R.T.: 0.005 min
Response: 8727152
Conc: 47.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



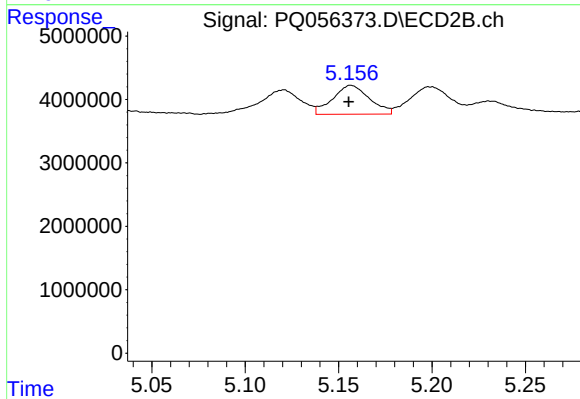
#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: 0.002 min
Response: 6064029
Conc: 32.36 ng/ml



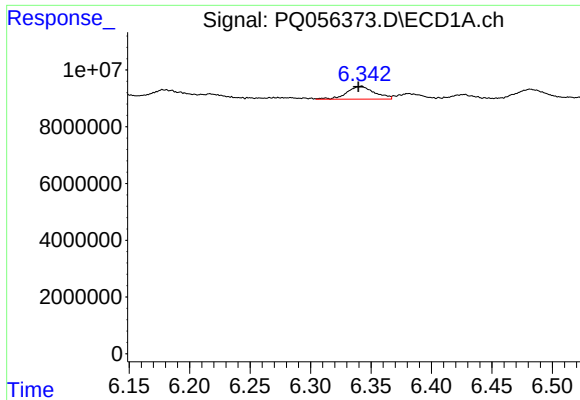
#22 AR-1248-2

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 6172575
Conc: 21.05 ng/ml



#22 AR-1248-2

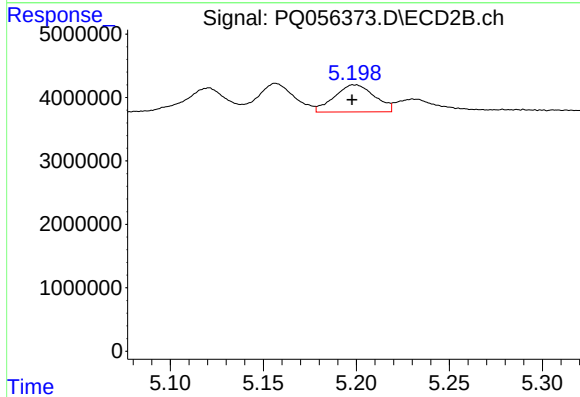
R.T.: 5.157 min
Delta R.T.: 0.001 min
Response: 6256921
Conc: 20.37 ng/ml



#23 AR-1248-3

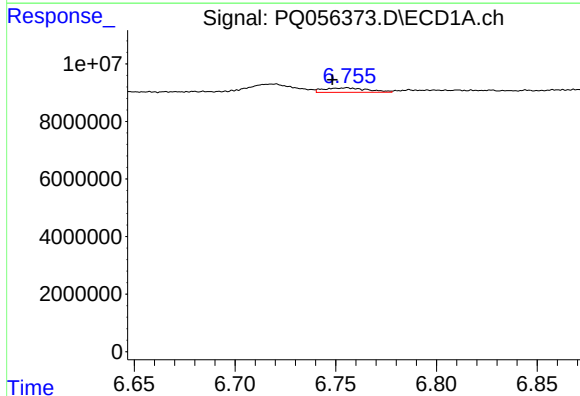
R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 7236647
Conc: 21.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



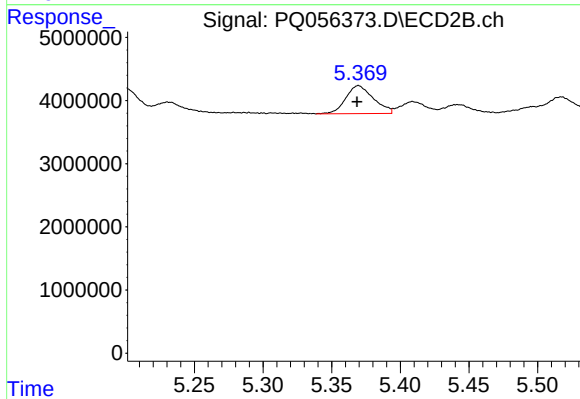
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: 0.002 min
Response: 6439714
Conc: 20.71 ng/ml



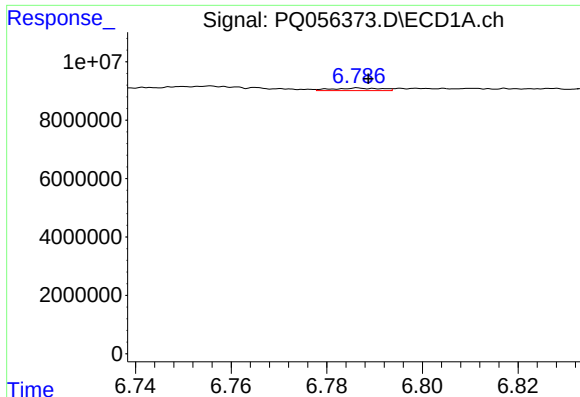
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: 0.007 min
Response: 2355406
Conc: 6.53 ng/ml



#24 AR-1248-4

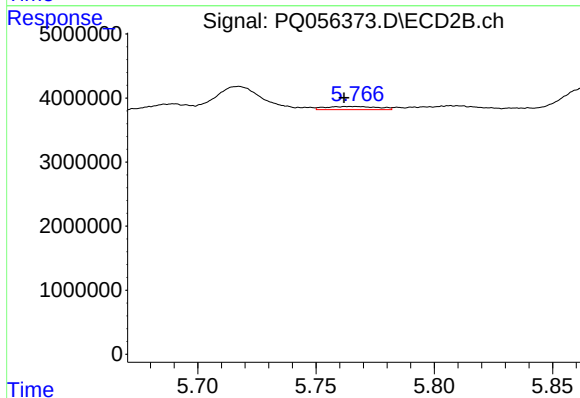
R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 6202242
Conc: 16.98 ng/ml



#25 AR-1248-5

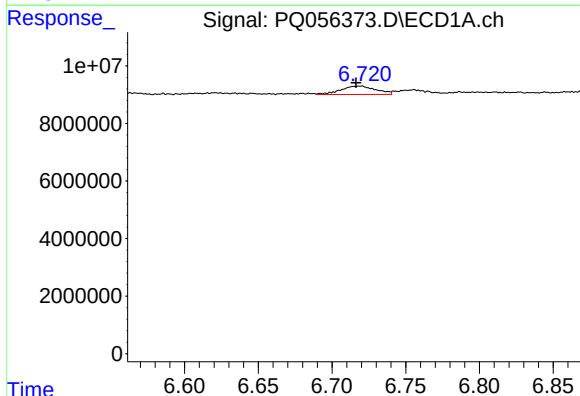
R.T.: 6.787 min
Delta R.T.: -0.002 min
Response: 617526
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



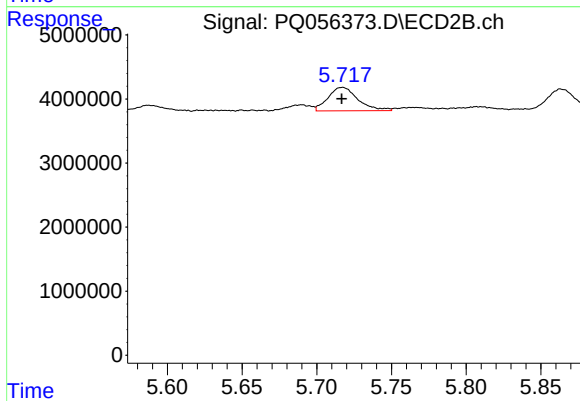
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: 0.005 min
Response: 760502
Conc: 1.79 ng/ml



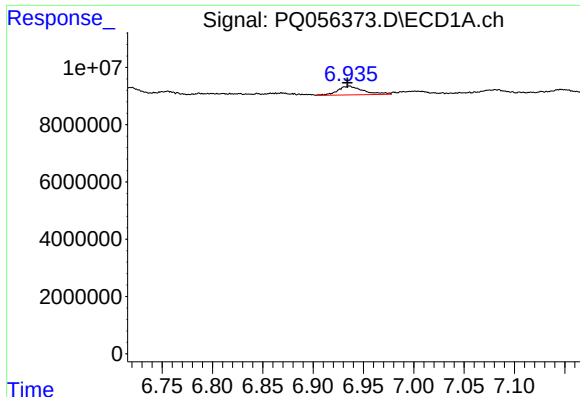
#26 AR-1254-1

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 4833761
Conc: 13.64 ng/ml



#26 AR-1254-1

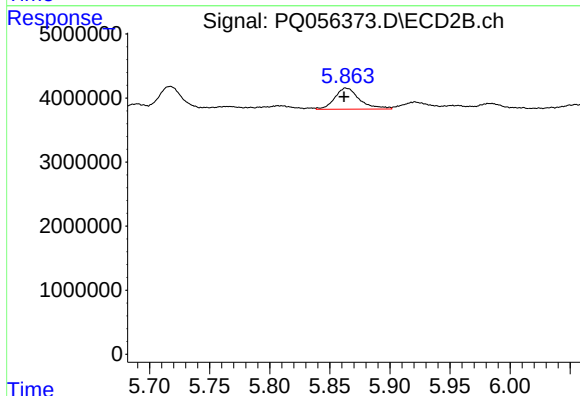
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 5115391
Conc: 8.73 ng/ml



#27 AR-1254-2

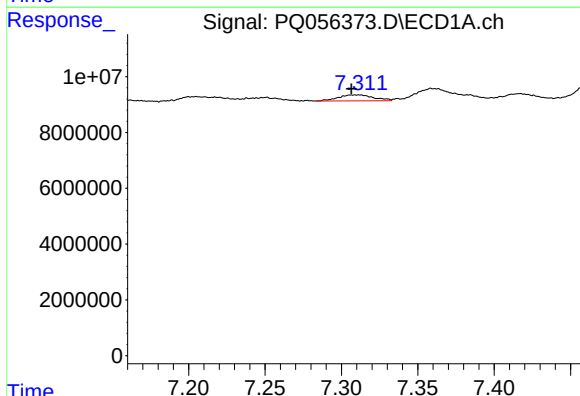
R.T.: 6.936 min
Delta R.T.: 0.002 min
Response: 5424668
Conc: 9.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



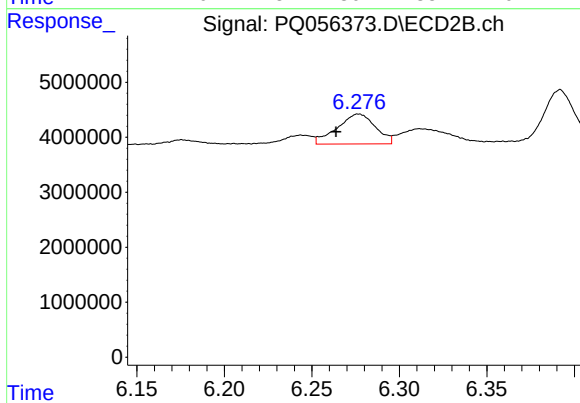
#27 AR-1254-2

R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 4758782
Conc: 9.43 ng/ml



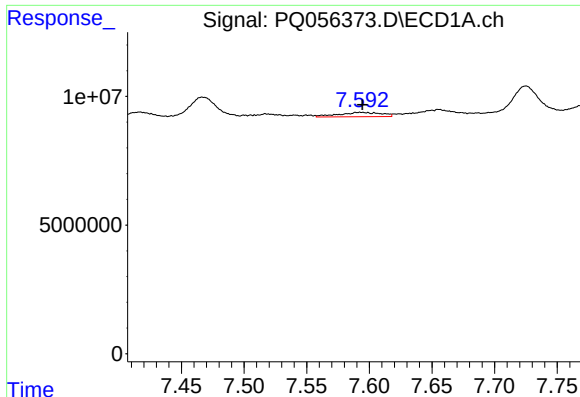
#28 AR-1254-3

R.T.: 7.311 min
Delta R.T.: 0.005 min
Response: 3422586
Conc: 5.21 ng/ml



#28 AR-1254-3

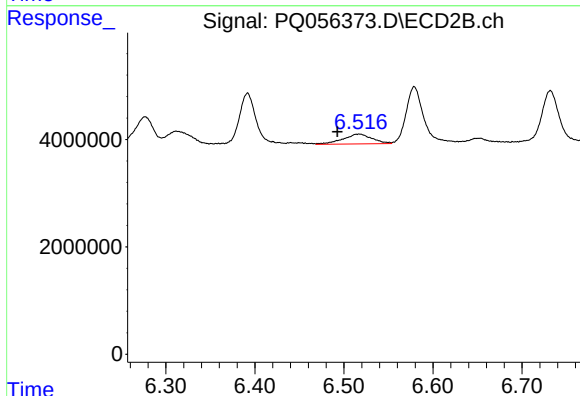
R.T.: 6.277 min
Delta R.T.: 0.013 min
Response: 8284809
Conc: 10.40 ng/ml



#29 AR-1254-4

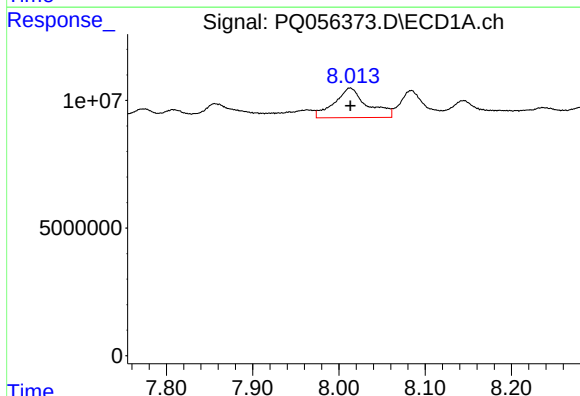
R.T.: 7.593 min
Delta R.T.: -0.001 min
Response: 4015778
Conc: 8.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



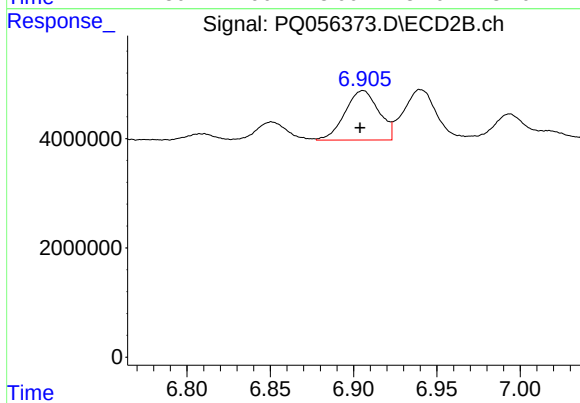
#29 AR-1254-4

R.T.: 6.517 min
Delta R.T.: 0.024 min
Response: 4113770
Conc: 7.62 ng/ml



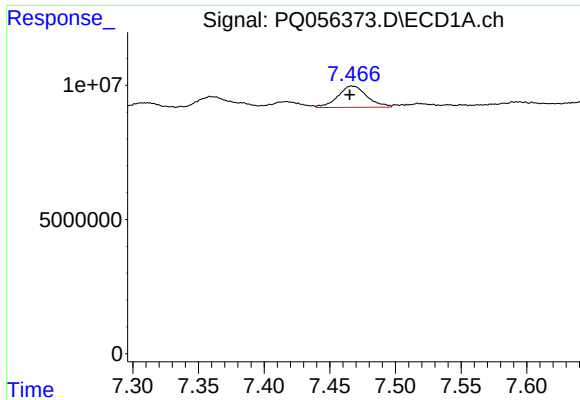
#30 AR-1254-5

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 30783557
Conc: 44.85 ng/ml



#30 AR-1254-5

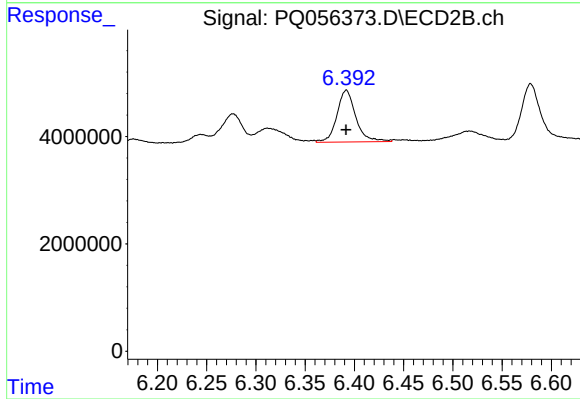
R.T.: 6.906 min
Delta R.T.: 0.002 min
Response: 12835942
Conc: 18.09 ng/ml



#31 AR-1260-1

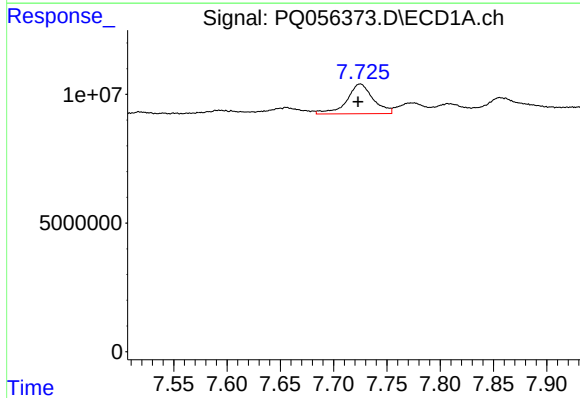
R.T.: 7.467 min
Delta R.T.: 0.002 min
Response: 12287196
Conc: 25.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



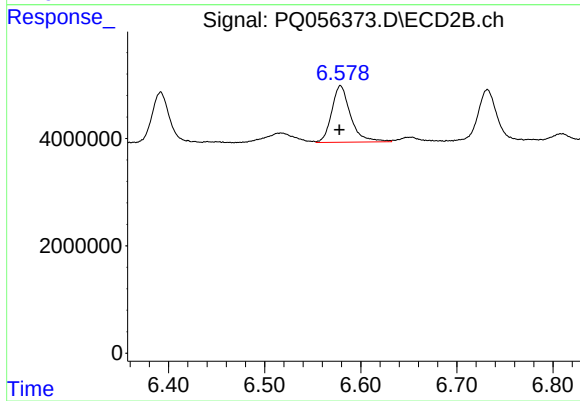
#31 AR-1260-1

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 12887081
Conc: 20.68 ng/ml



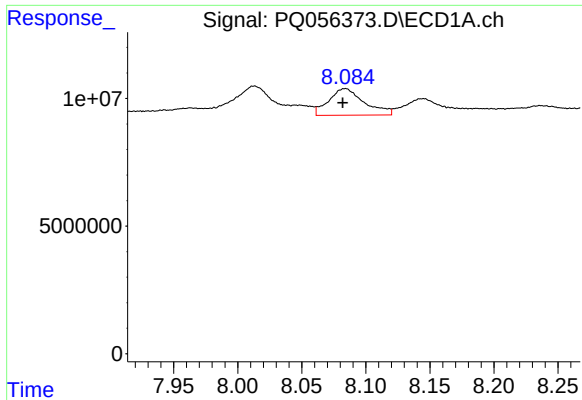
#32 AR-1260-2

R.T.: 7.725 min
Delta R.T.: 0.002 min
Response: 20031791
Conc: 32.60 ng/ml



#32 AR-1260-2

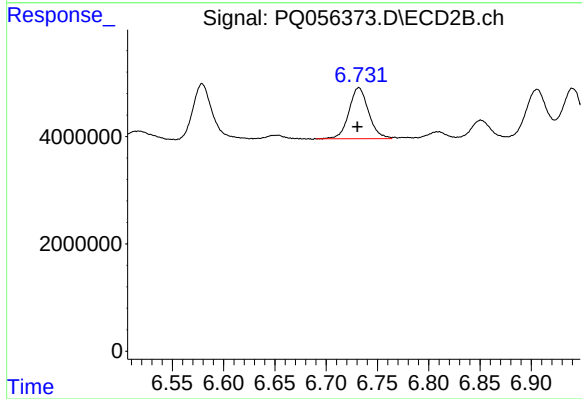
R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 14330106
Conc: 19.69 ng/ml



#33 AR-1260-3

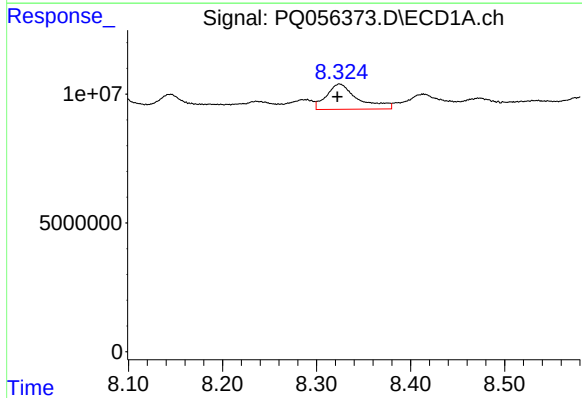
R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 20104111
Conc: 40.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



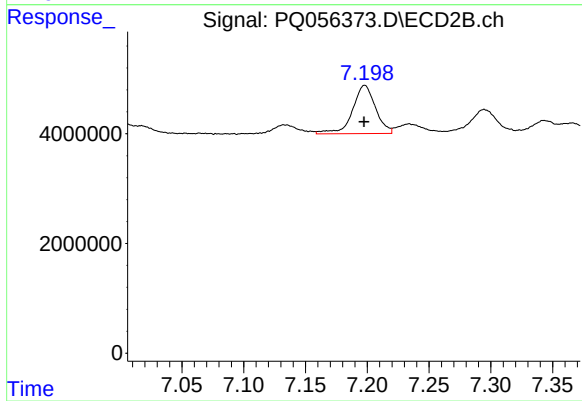
#33 AR-1260-3

R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 12655757
Conc: 18.83 ng/ml



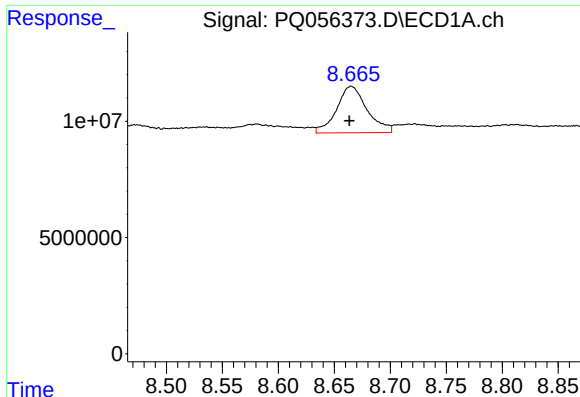
#34 AR-1260-4

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 22870683
Conc: 39.64 ng/ml



#34 AR-1260-4

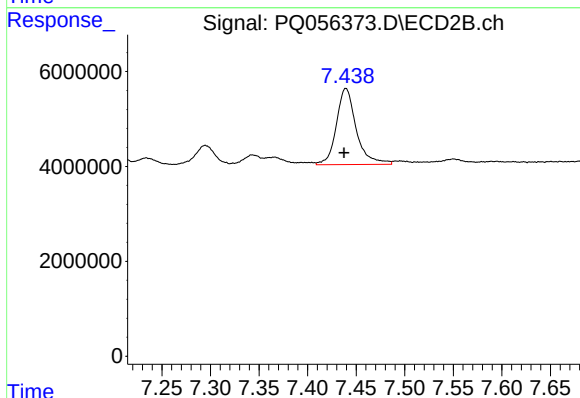
R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 11424496
Conc: 22.35 ng/ml



#35 AR-1260-5

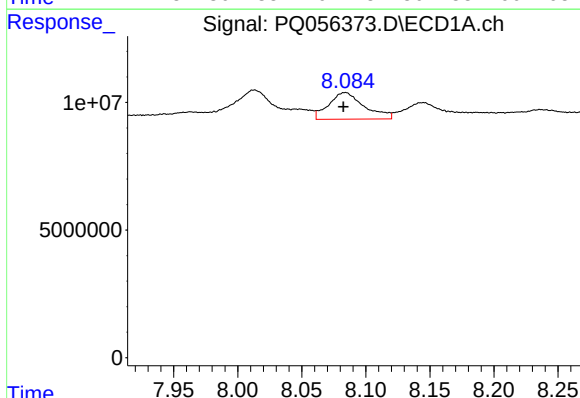
R.T.: 8.665 min
Delta R.T.: 0.002 min
Response: 37861220
Conc: 28.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



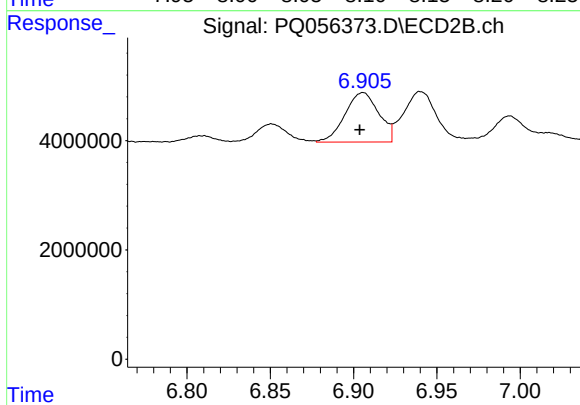
#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 22907840
Conc: 19.61 ng/ml



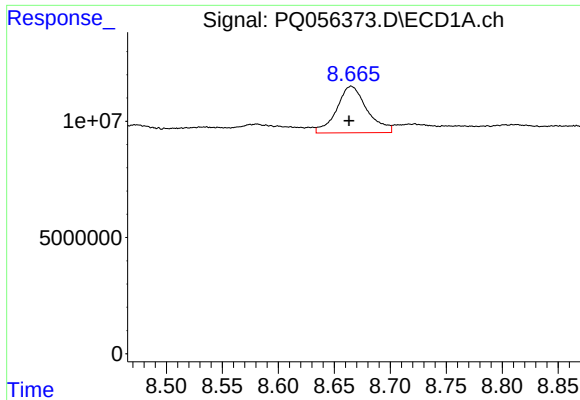
#36 AR-1262-1

R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 20104111
Conc: 28.15 ng/ml



#36 AR-1262-1

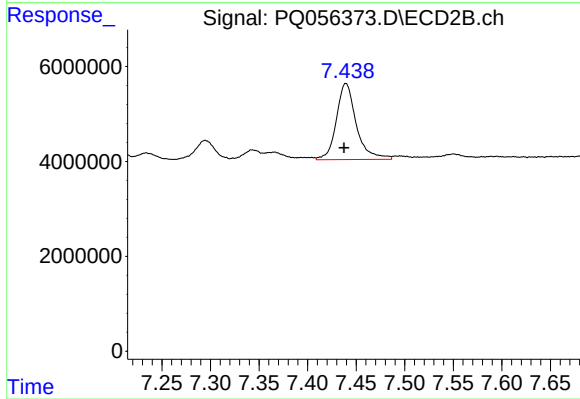
R.T.: 6.906 min
Delta R.T.: 0.002 min
Response: 12835942
Conc: 37.89 ng/ml



#37 AR-1262-2

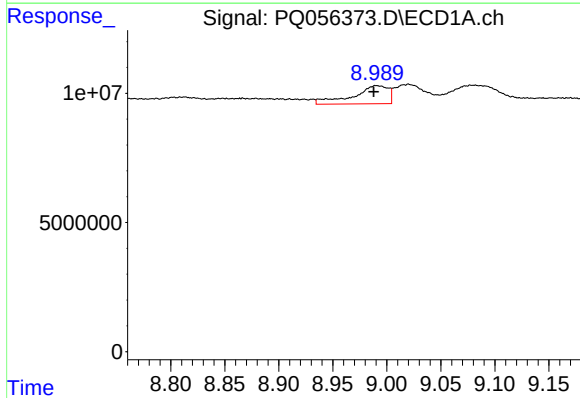
R.T.: 8.665 min
Delta R.T.: 0.002 min
Response: 37861220
Conc: 26.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



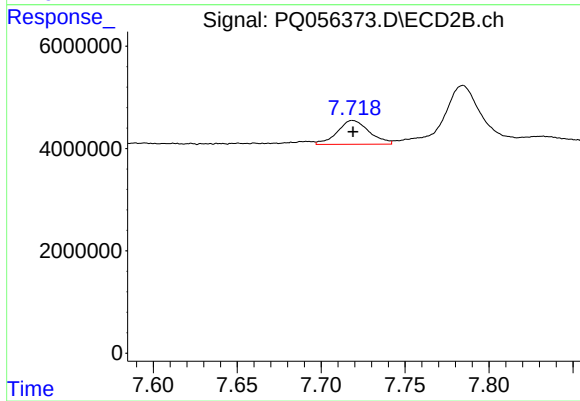
#37 AR-1262-2

R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 22907840
Conc: 18.45 ng/ml



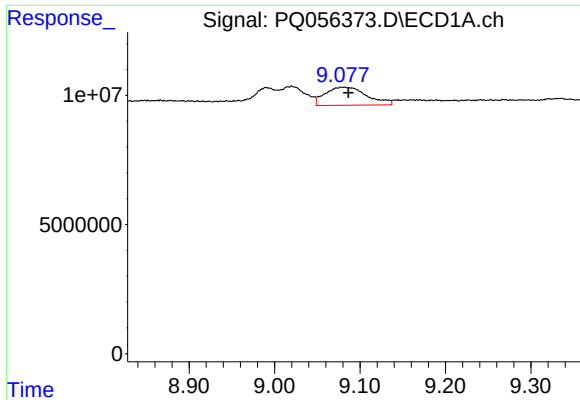
#38 AR-1262-3

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 15999855
Conc: 20.76 ng/ml



#38 AR-1262-3

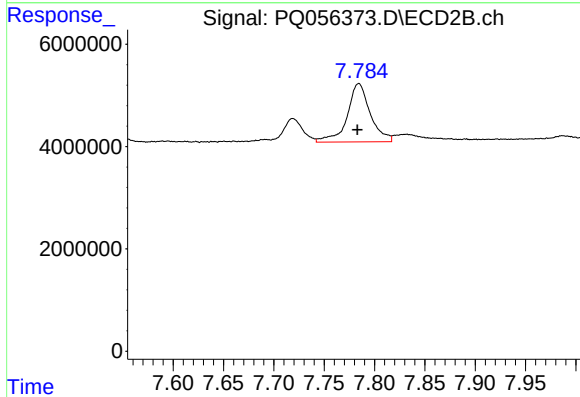
R.T.: 7.719 min
Delta R.T.: 0.000 min
Response: 6197067
Conc: 12.21 ng/ml



#39 AR-1262-4

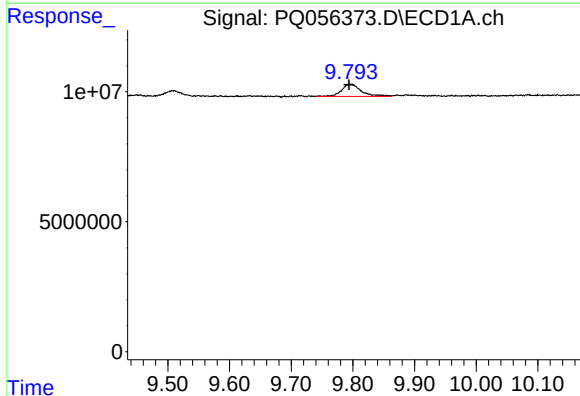
R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 23582457
Conc: 43.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



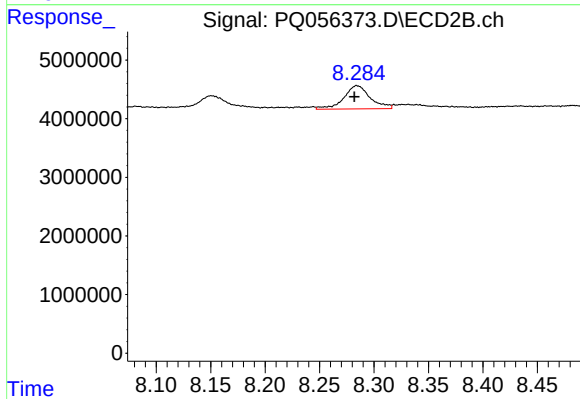
#39 AR-1262-4

R.T.: 7.785 min
Delta R.T.: 0.002 min
Response: 18183385
Conc: 19.36 ng/ml



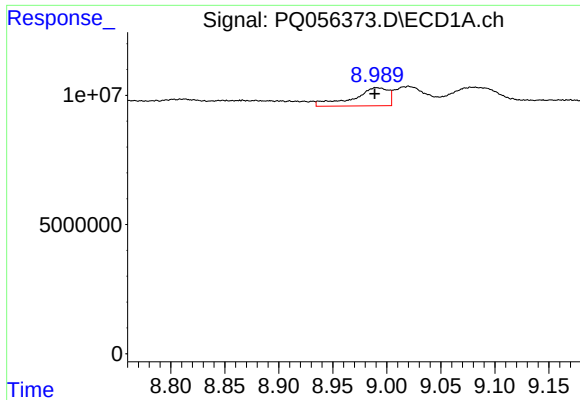
#40 AR-1262-5

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 10569075
Conc: 17.20 ng/ml



#40 AR-1262-5

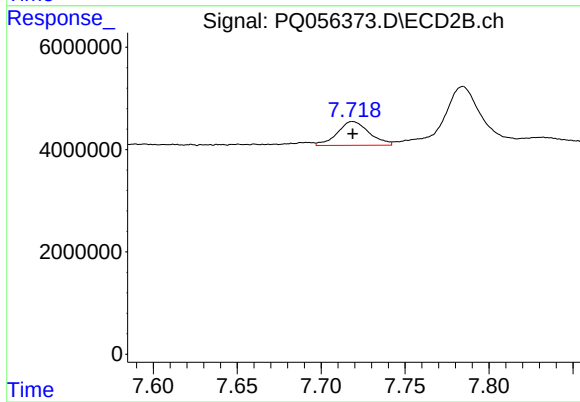
R.T.: 8.284 min
Delta R.T.: 0.002 min
Response: 6698859
Conc: 18.25 ng/ml



#41 AR-1268-1

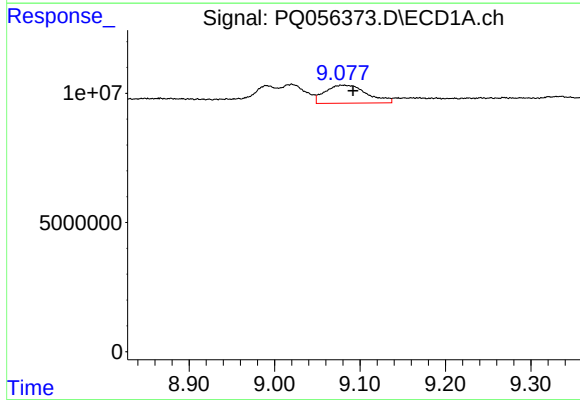
R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 15999855
Conc: 7.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



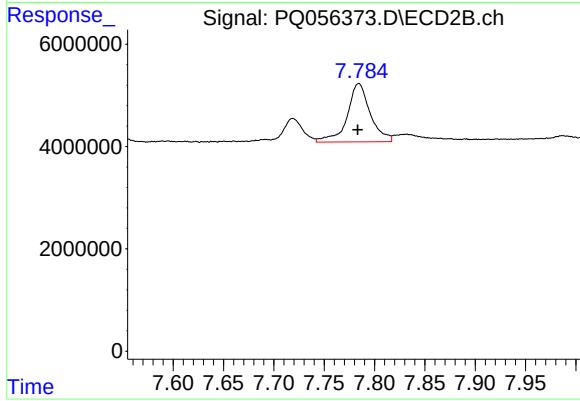
#41 AR-1268-1

R.T.: 7.719 min
Delta R.T.: 0.000 min
Response: 6197067
Conc: 4.10 ng/ml



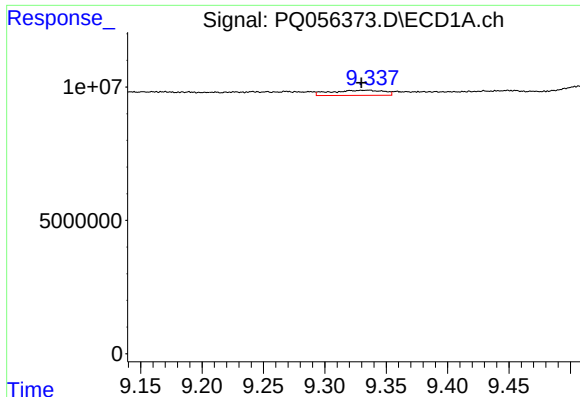
#42 AR-1268-2

R.T.: 9.082 min
Delta R.T.: -0.010 min
Response: 23582457
Conc: 11.35 ng/ml



#42 AR-1268-2

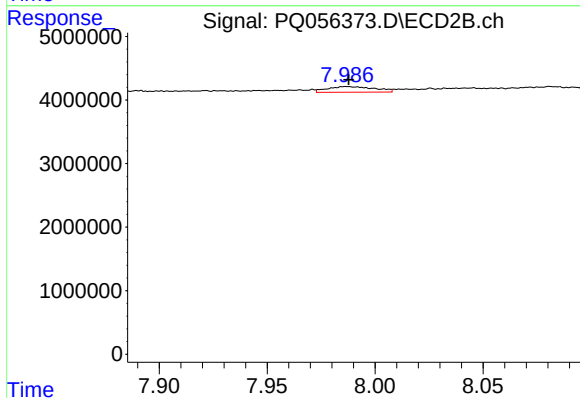
R.T.: 7.785 min
Delta R.T.: 0.001 min
Response: 18183385
Conc: 12.91 ng/ml



#43 AR-1268-3

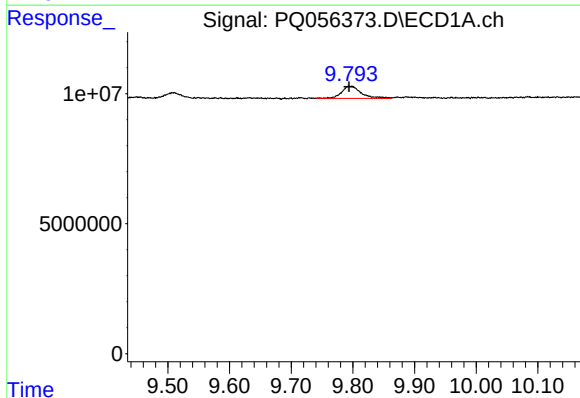
R.T.: 9.336 min
Delta R.T.: 0.006 min
Response: 5756991
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



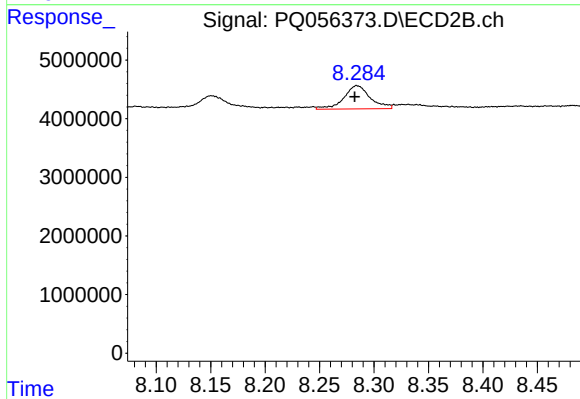
#43 AR-1268-3

R.T.: 7.987 min
Delta R.T.: -0.001 min
Response: 1351496
Conc: 1.13 ng/ml



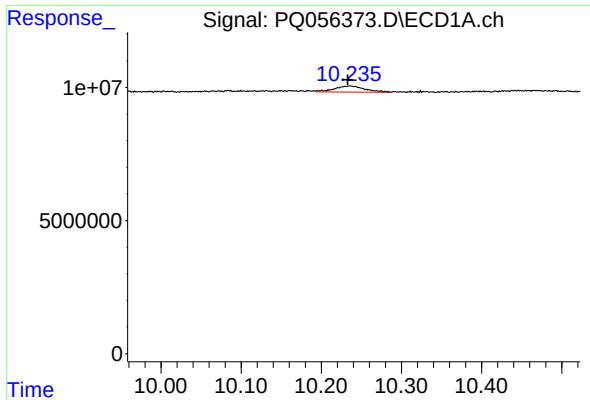
#44 AR-1268-4

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 10569075
Conc: 14.94 ng/ml



#44 AR-1268-4

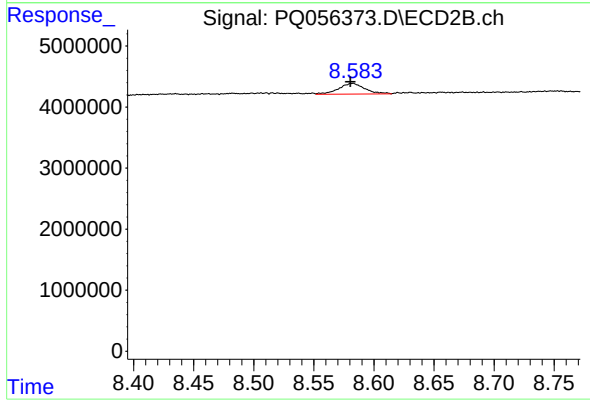
R.T.: 8.284 min
Delta R.T.: 0.002 min
Response: 6698859
Conc: 15.76 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.003 min
Response: 6081593
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.583 min
Delta R.T.: 0.002 min
Response: 2668536
Conc: 0.80 ng/ml