

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072423\
 Data File : PQ062563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 12:41
 Operator : YP\AJ
 Sample : 03678-01RE 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 15:51:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 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...	3.401	2.753	8797394	5000734	1.803	1.993
2) SA Decachlor...	8.564	7.526	36682389	60708946	10.098	18.219 #
Target Compounds						
3) L1 AR-1016-1	4.504	3.747	-1784015	18802619	N.D.	189.973 #
4) L1 AR-1016-2	4.525	3.792	258660	373392	1.046	2.589 #
5) L1 AR-1016-3	4.585	3.917	16185913	-1811112	106.203	N.D. #
6) L1 AR-1016-4	4.689	3.997	7969313	257653	63.579	3.923 #
7) L1 AR-1016-5	4.964	4.174	8982242	514199	73.796	6.272 #
8) L2 AR-1221-1	3.596	2.955	1457320	406739	24.245	12.327 #
9) L2 AR-1221-2	3.645f	3.033	2222919	385287	49.472	15.169 #
10) L2 AR-1221-3	3.762	3.109	3999375	1534509	28.462	19.905 #
11) L3 AR-1232-1	3.762	3.101	3999375	278788	37.872	4.866 #
12) L3 AR-1232-2	4.248	3.792	833475	373392	14.091	5.610 #
14) L3 AR-1232-4	4.689	4.018	7969313	10173471	140.636	342.082 #
15) L3 AR-1232-5	4.784	4.174	1440101	514199	35.958	14.419 #
16) L4 AR-1242-1	4.504	3.747	-1784015	18802619	N.D.	243.119 #
17) L4 AR-1242-2	4.525	3.792	258660	373392	1.332	3.359 #
18) L4 AR-1242-3	4.585	3.917	16185913	-1811112	133.940	N.D. #
19) L4 AR-1242-4	4.689	4.018	7969313	10173471	81.748	173.525 #
20) L4 AR-1242-5	5.390	4.507	14346047	13379862	149.859	161.412
21) L5 AR-1248-1	4.504	3.747	-1784015	18802619	N.D.	300.744 #
22) L5 AR-1248-2	4.784	3.997	1440101	257653	10.024	2.748 #
23) L5 AR-1248-3	4.964	4.018	8982242	10173471	51.707	112.360 #
24) L5 AR-1248-4	5.364	4.174	2592027	514199	13.505	4.557 #
25) L5 AR-1248-5	5.390	4.554	14346047	10509065	79.207	93.804
26) L6 AR-1254-1	5.334	4.507	23207211	13379862	124.890	82.867 #
27) L6 AR-1254-2	5.559	4.648	34597883	10674906	119.010	72.508 #
28) L6 AR-1254-3	5.912	5.047	3047438	19859488	9.922	84.978 #
29) L6 AR-1254-4	6.207	5.266	9593827	1329924	41.318	8.726 #
30) L6 AR-1254-5	6.590	5.691	12705291	9720646	49.462	42.118
31) L7 AR-1260-1	6.057	5.171	5469247	3367230	23.181	20.217
32) L7 AR-1260-2	6.310	5.375	42113515	32266801	145.816	155.169
33) L7 AR-1260-3	6.638f	5.524	57684772	1928945	326.685	9.914 #
34) L7 AR-1260-4	6.918f	5.994f	34940467	5596866	165.870	38.371 #
35) L7 AR-1260-5	7.208	6.215	382.4E6	8019106	931.265	24.150 #
36) L8 AR-1262-1	6.638f	5.721	57684772	3646535	189.167	15.686 #
37) L8 AR-1262-2	7.208	5.994f	382.4E6	5596866	725.984	25.887 #
38) L8 AR-1262-3	7.519f	6.458f	548.8E6	4056131	1557.668	23.267 #
39) L8 AR-1262-4	7.567	6.525	6187623	282.9E6	23.199	877.734 #
41) L9 AR-1268-1	7.519f	6.458f	548.8E6	4056131	967.035	8.620 #
42) L9 AR-1268-2	7.567	6.525f	6187623	282.9E6	12.136	667.659 #
43) L9 AR-1268-3	7.717	6.760	-52792318	88262046	N.D.	239.634 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
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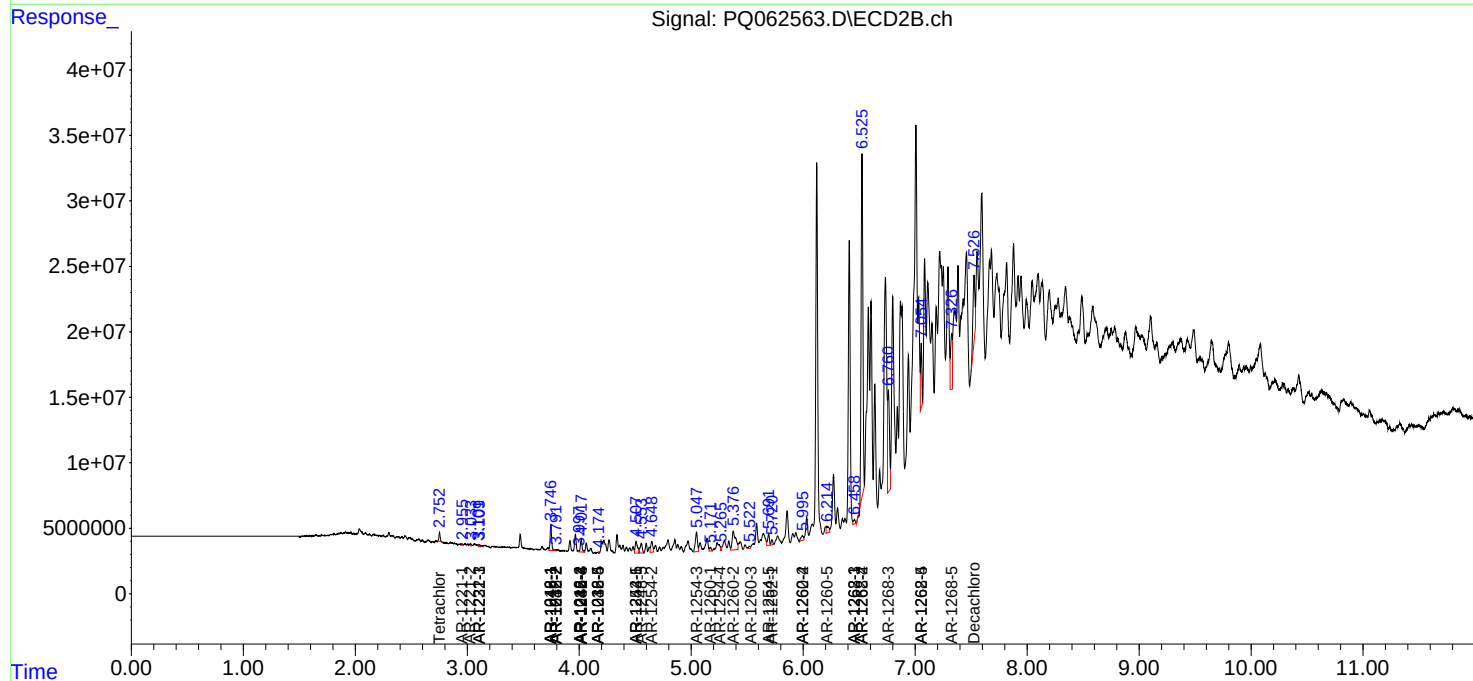
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

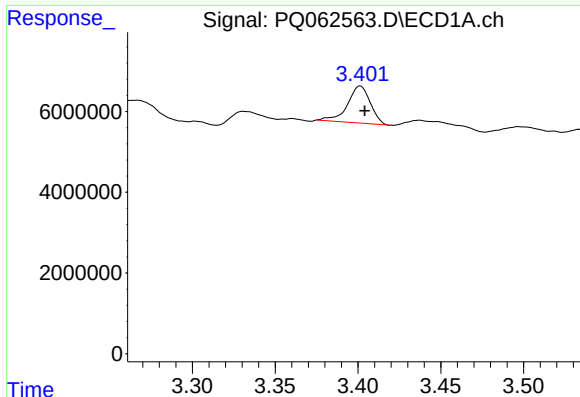
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
45)	L9 AR-1268-5	8.337	7.326	-32466722	44342651	N.D.	37.999	#

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

Instrument :
ECD_Q
ClientSampleId :

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

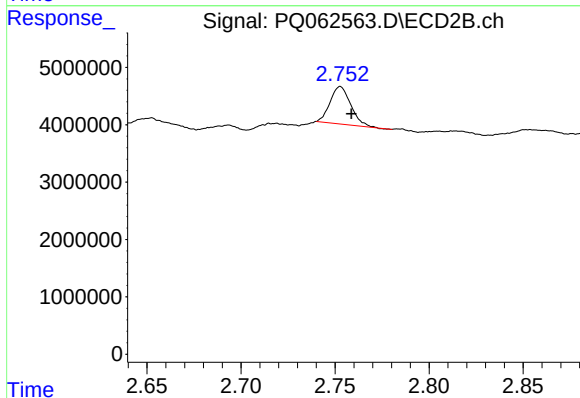




#1 Tetrachloro-m-xylene

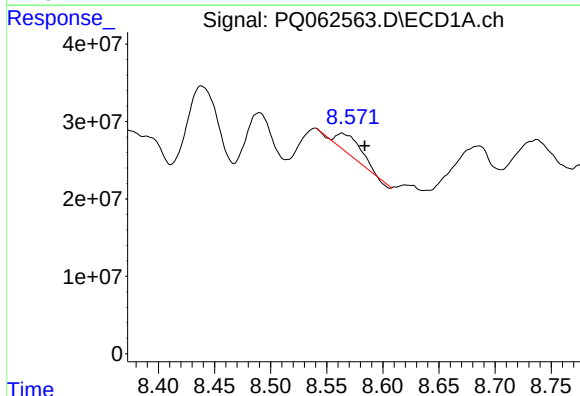
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 8797394
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



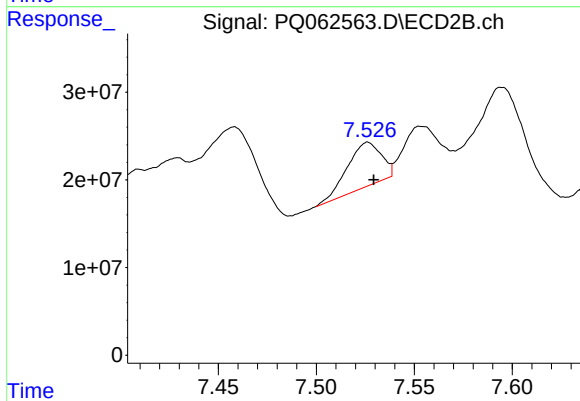
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: -0.006 min
Response: 5000734
Conc: 1.99 ng/ml



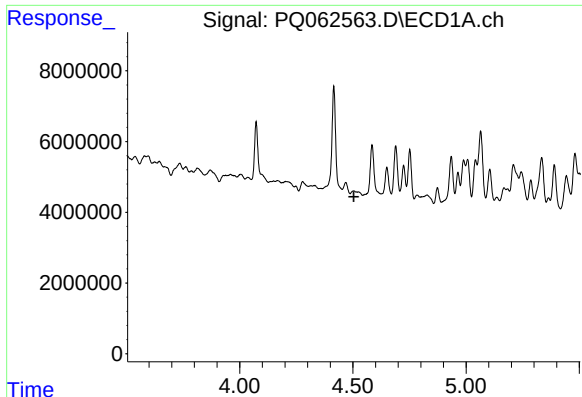
#2 Decachlorobiphenyl

R.T.: 8.564 min
Delta R.T.: -0.020 min
Response: 36682389
Conc: 10.10 ng/ml



#2 Decachlorobiphenyl

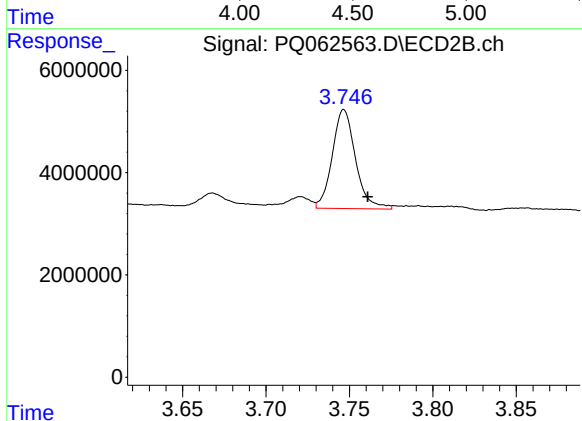
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 60708946
Conc: 18.22 ng/ml



#3 AR-1016-1

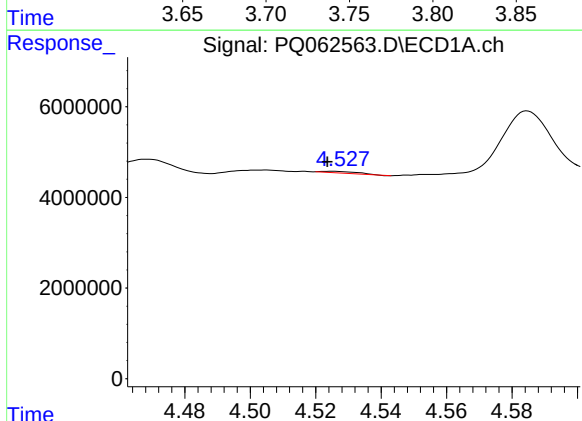
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -1784015
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



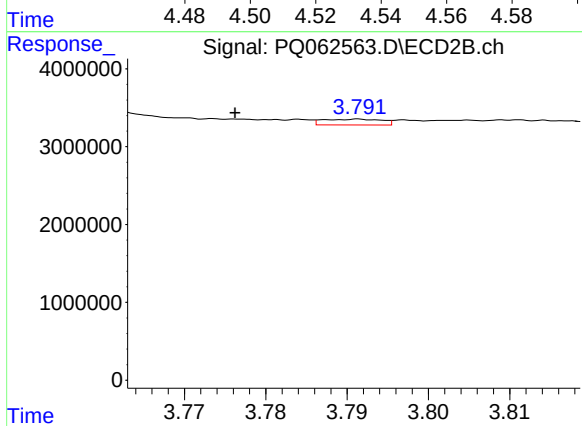
#3 AR-1016-1

R.T.: 3.747 min
Delta R.T.: -0.014 min
Response: 18802619
Conc: 189.97 ng/ml



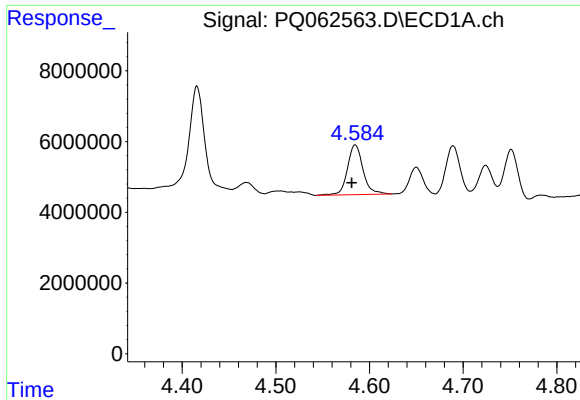
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 258660
Conc: 1.05 ng/ml



#4 AR-1016-2

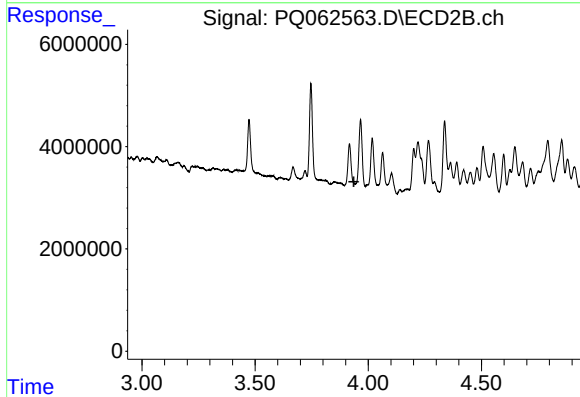
R.T.: 3.792 min
Delta R.T.: 0.015 min
Response: 373392
Conc: 2.59 ng/ml



#5 AR-1016-3

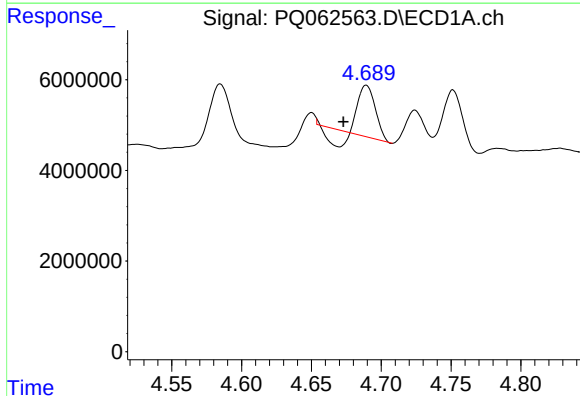
R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 16185913
Conc: 106.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



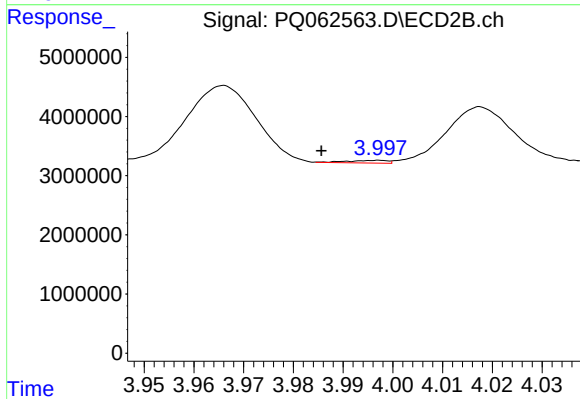
#5 AR-1016-3

R.T.: 3.917 min
Delta R.T.: -0.019 min
Response: -1811112
Conc: N.D.



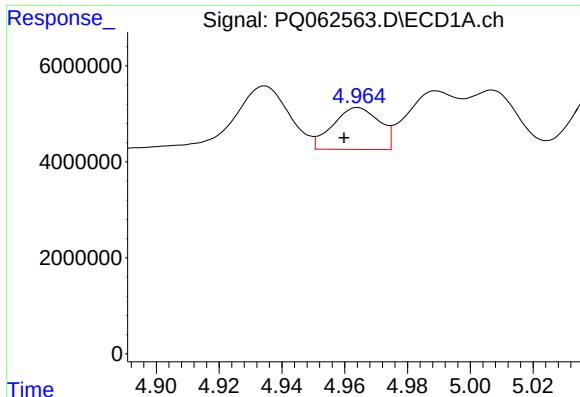
#6 AR-1016-4

R.T.: 4.689 min
Delta R.T.: 0.016 min
Response: 7969313
Conc: 63.58 ng/ml



#6 AR-1016-4

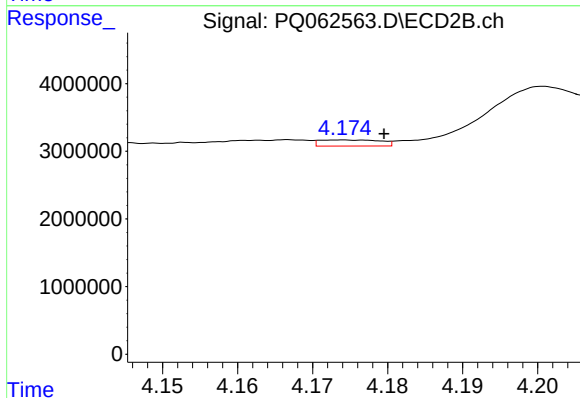
R.T.: 3.997 min
Delta R.T.: 0.012 min
Response: 257653
Conc: 3.92 ng/ml



#7 AR-1016-5

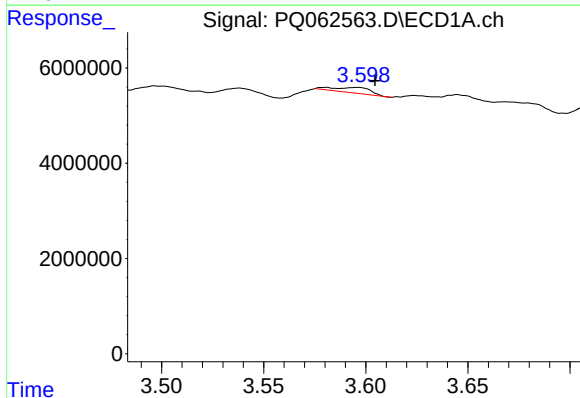
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 8982242
Conc: 73.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



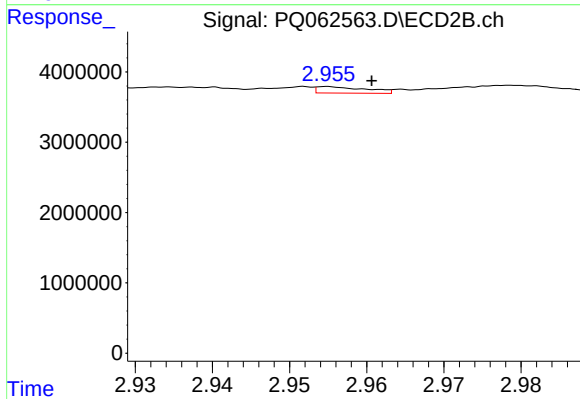
#7 AR-1016-5

R.T.: 4.174 min
Delta R.T.: -0.005 min
Response: 514199
Conc: 6.27 ng/ml



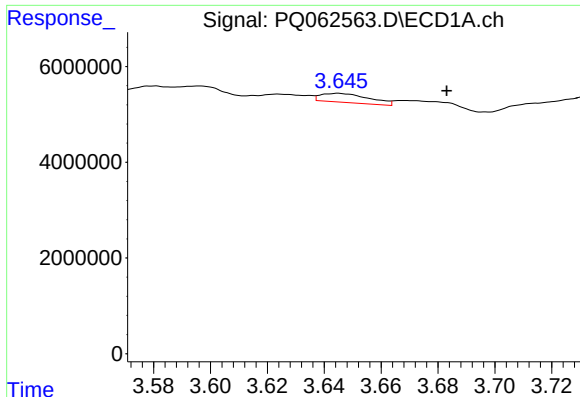
#8 AR-1221-1

R.T.: 3.596 min
Delta R.T.: -0.009 min
Response: 1457320
Conc: 24.25 ng/ml



#8 AR-1221-1

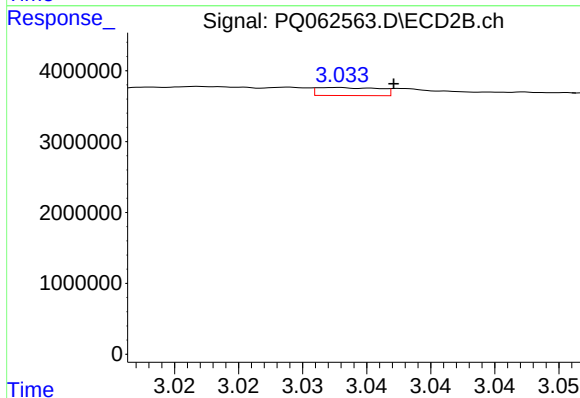
R.T.: 2.955 min
Delta R.T.: -0.006 min
Response: 406739
Conc: 12.33 ng/ml



#9 AR-1221-2

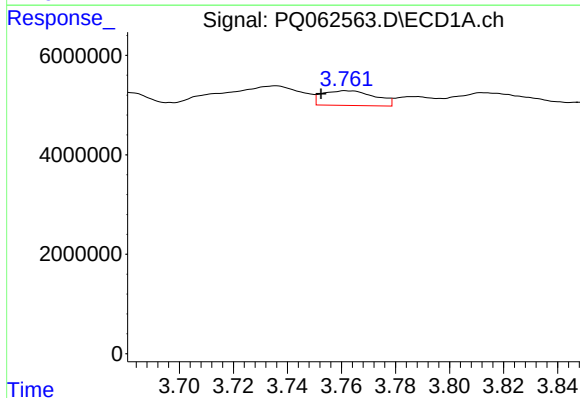
R.T.: 3.645 min
Delta R.T.: -0.038 min
Response: 2222919
Conc: 49.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



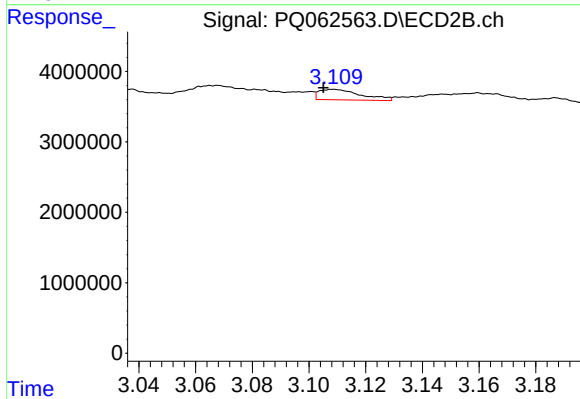
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.004 min
Response: 385287
Conc: 15.17 ng/ml



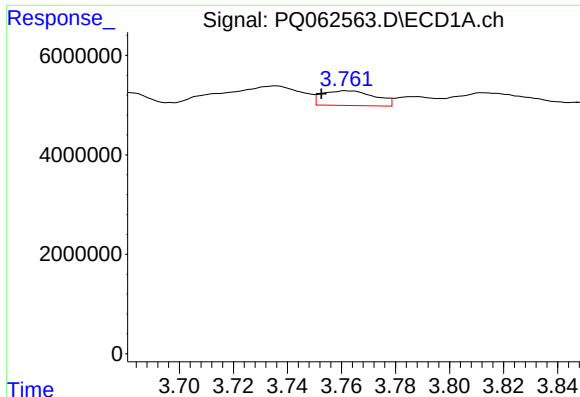
#10 AR-1221-3

R.T.: 3.762 min
Delta R.T.: 0.010 min
Response: 3999375
Conc: 28.46 ng/ml



#10 AR-1221-3

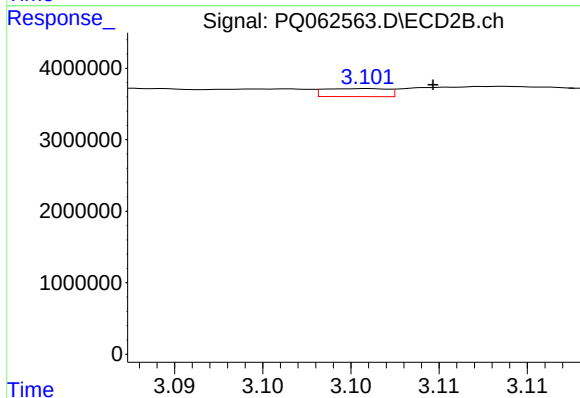
R.T.: 3.109 min
Delta R.T.: 0.004 min
Response: 1534509
Conc: 19.91 ng/ml



#11 AR-1232-1

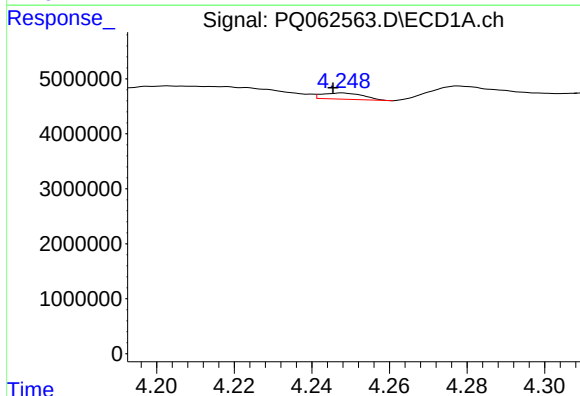
R.T.: 3.762 min
Delta R.T.: 0.010 min
Response: 3999375
Conc: 37.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



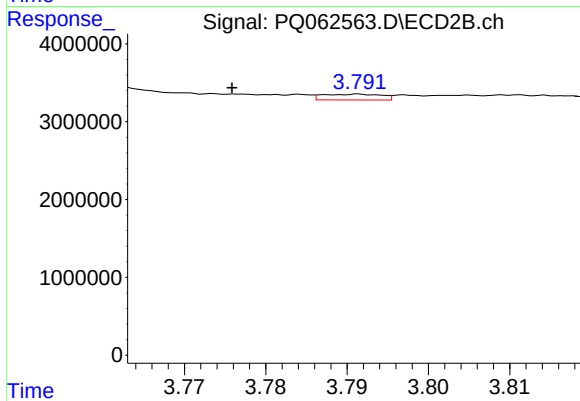
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 278788
Conc: 4.87 ng/ml



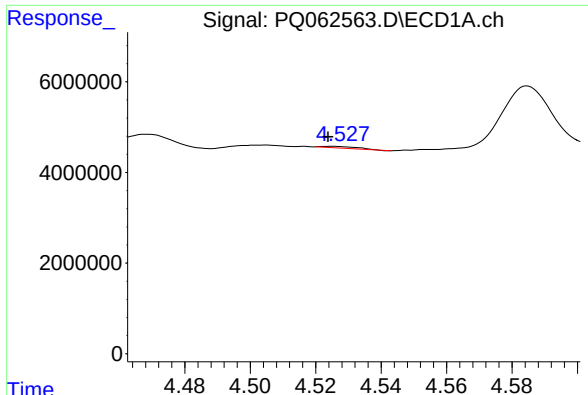
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.002 min
Response: 833475
Conc: 14.09 ng/ml



#12 AR-1232-2

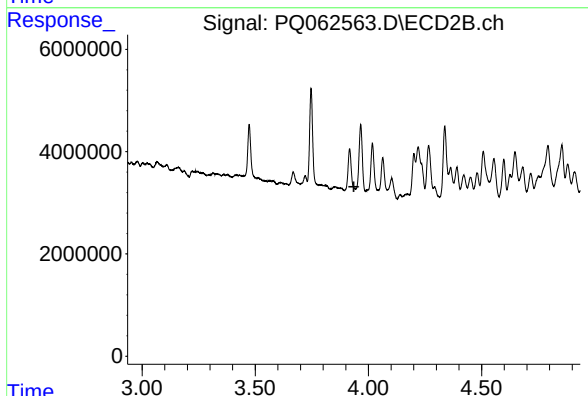
R.T.: 3.792 min
Delta R.T.: 0.016 min
Response: 373392
Conc: 5.61 ng/ml



#13 AR-1232-3

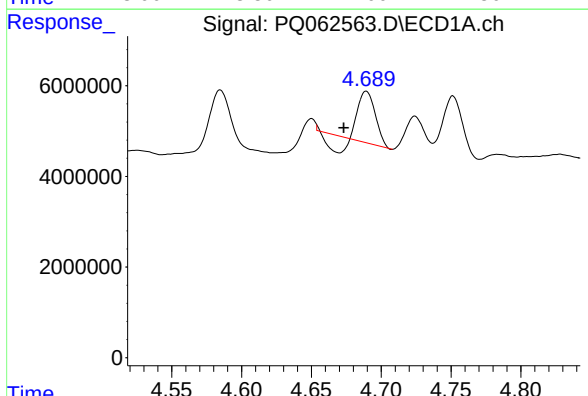
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 258660
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



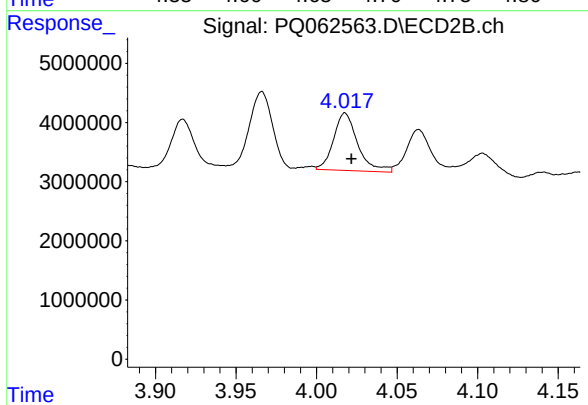
#13 AR-1232-3

R.T.: 3.917 min
Delta R.T.: -0.019 min
Response: -1811112
Conc: N.D.



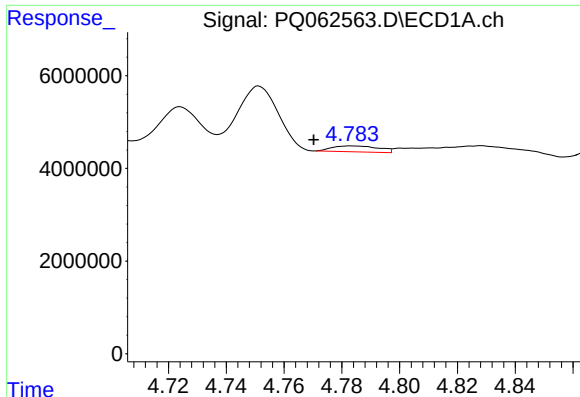
#14 AR-1232-4

R.T.: 4.689 min
Delta R.T.: 0.016 min
Response: 7969313
Conc: 140.64 ng/ml



#14 AR-1232-4

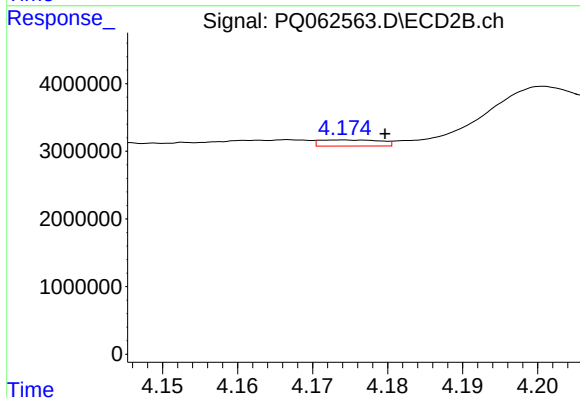
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 10173471
Conc: 342.08 ng/ml



#15 AR-1232-5

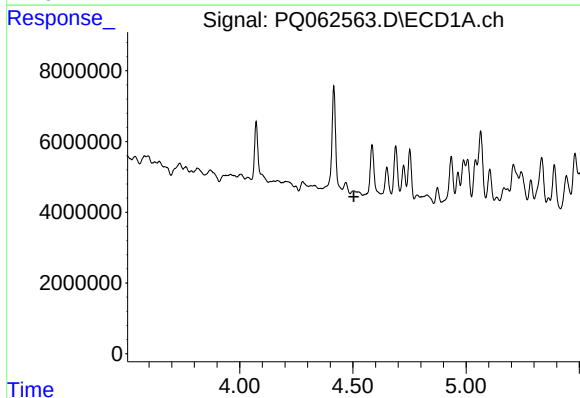
R.T.: 4.784 min
Delta R.T.: 0.013 min
Response: 1440101
Conc: 35.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



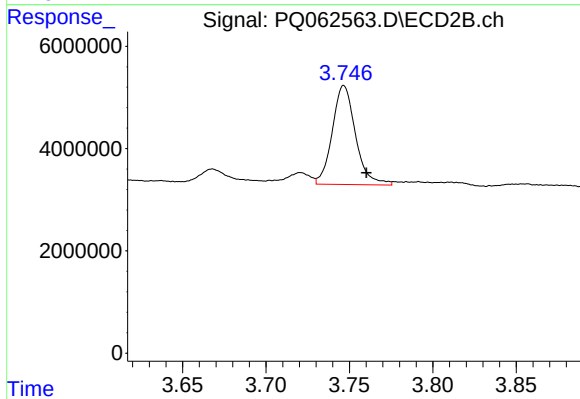
#15 AR-1232-5

R.T.: 4.174 min
Delta R.T.: -0.005 min
Response: 514199
Conc: 14.42 ng/ml



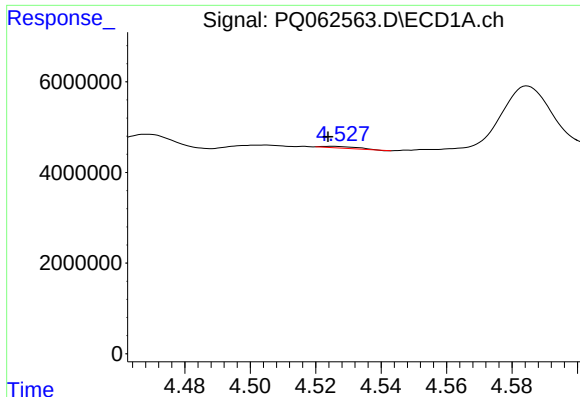
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -1784015
Conc: N.D.



#16 AR-1242-1

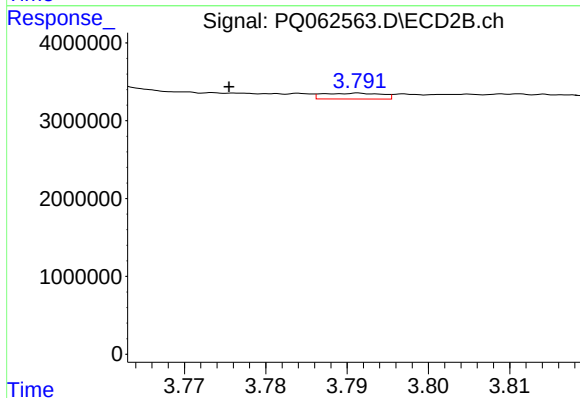
R.T.: 3.747 min
Delta R.T.: -0.014 min
Response: 18802619
Conc: 243.12 ng/ml



#17 AR-1242-2

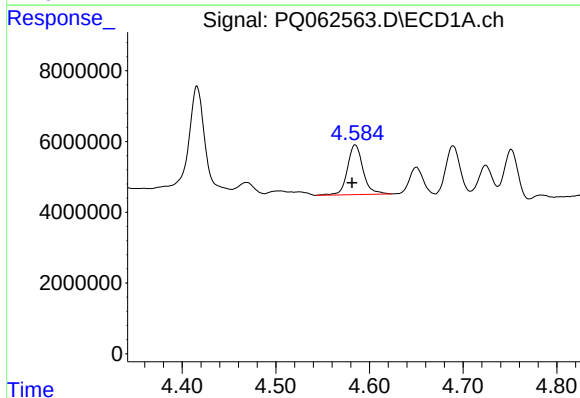
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 258660
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



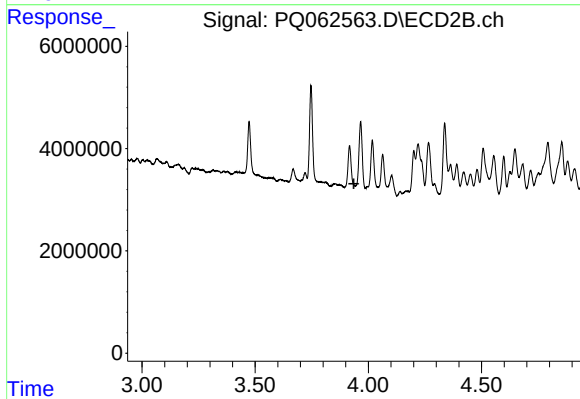
#17 AR-1242-2

R.T.: 3.792 min
Delta R.T.: 0.016 min
Response: 373392
Conc: 3.36 ng/ml



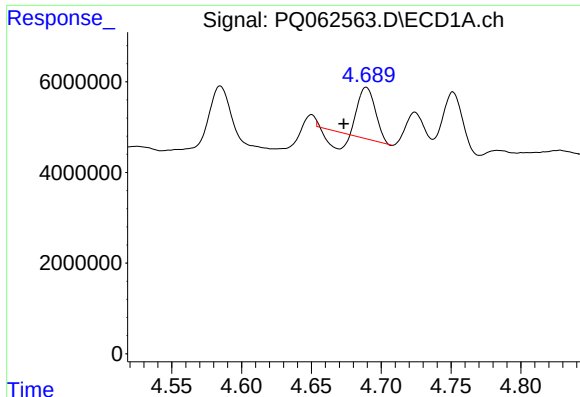
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.003 min
Response: 16185913
Conc: 133.94 ng/ml



#18 AR-1242-3

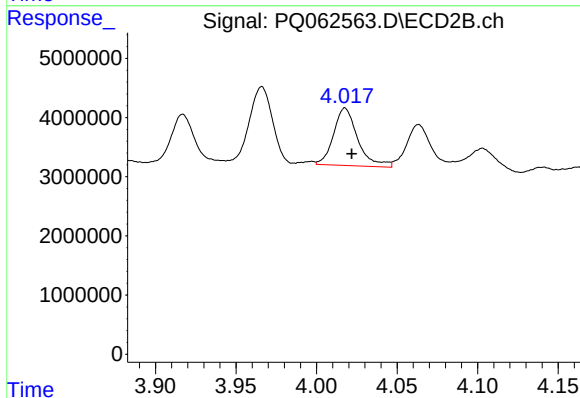
R.T.: 3.917 min
Delta R.T.: -0.019 min
Response: -1811112
Conc: N.D.



#19 AR-1242-4

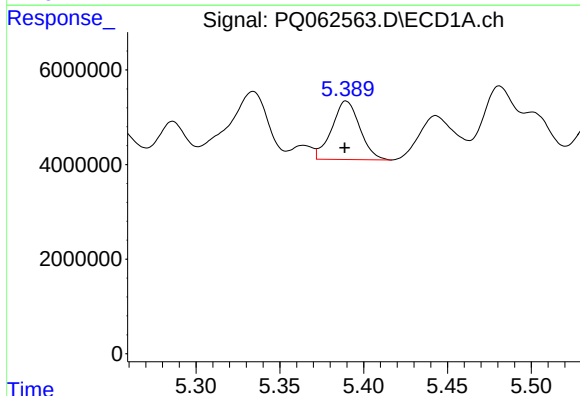
R.T.: 4.689 min
Delta R.T.: 0.016 min
Response: 7969313
Conc: 81.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



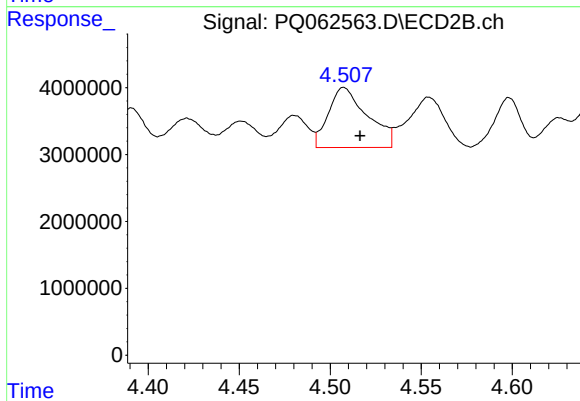
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 10173471
Conc: 173.53 ng/ml



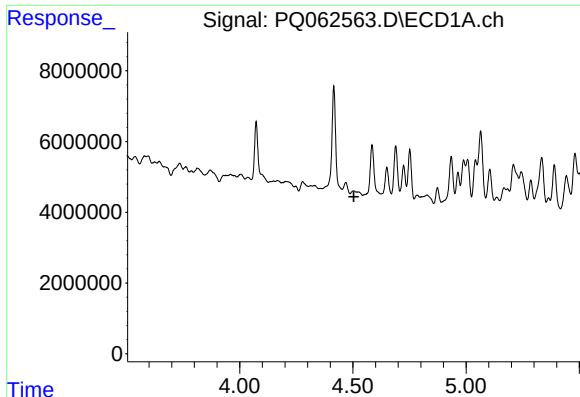
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 14346047
Conc: 149.86 ng/ml



#20 AR-1242-5

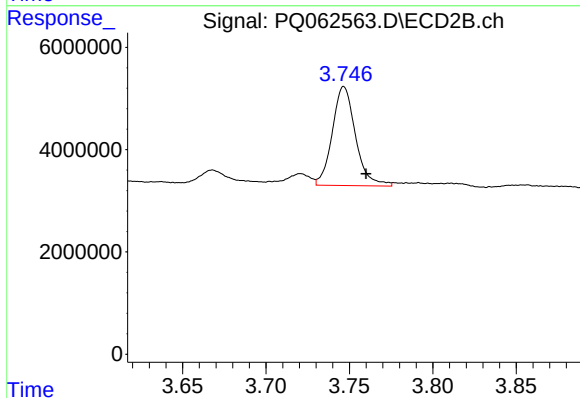
R.T.: 4.507 min
Delta R.T.: -0.009 min
Response: 13379862
Conc: 161.41 ng/ml



#21 AR-1248-1

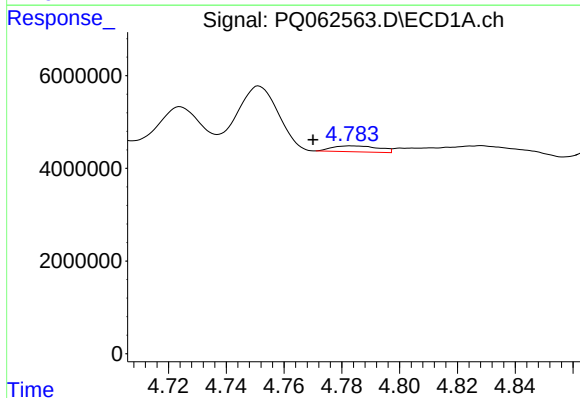
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: -1784015
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



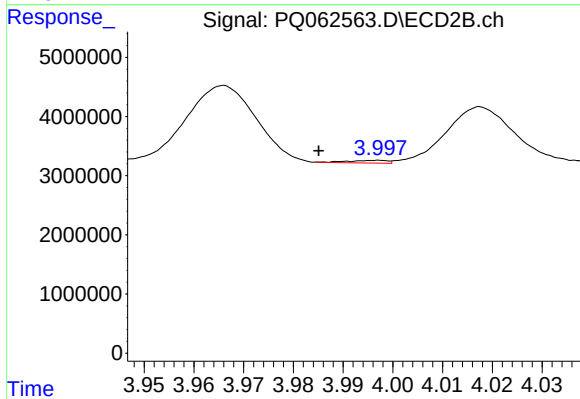
#21 AR-1248-1

R.T.: 3.747 min
Delta R.T.: -0.013 min
Response: 18802619
Conc: 300.74 ng/ml



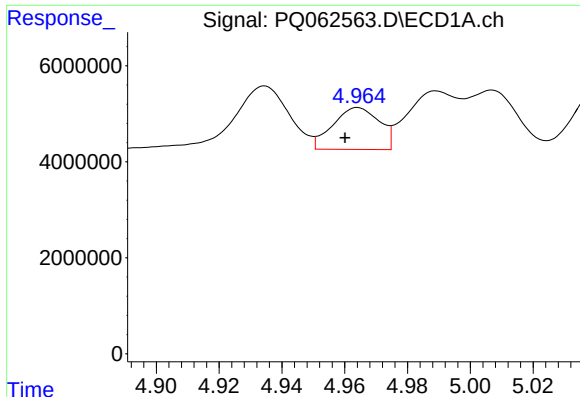
#22 AR-1248-2

R.T.: 4.784 min
Delta R.T.: 0.013 min
Response: 1440101
Conc: 10.02 ng/ml



#22 AR-1248-2

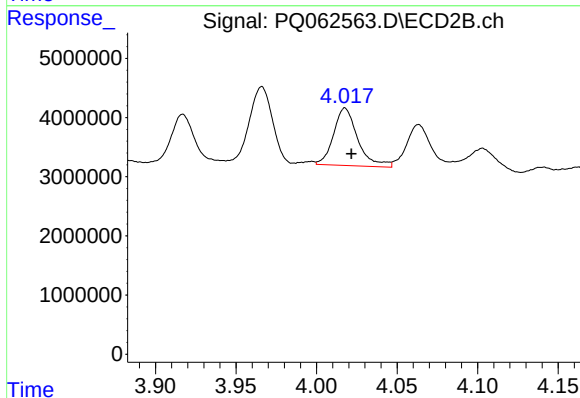
R.T.: 3.997 min
Delta R.T.: 0.012 min
Response: 257653
Conc: 2.75 ng/ml



#23 AR-1248-3

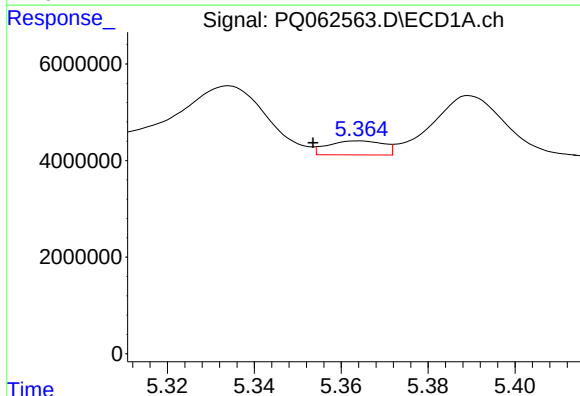
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 8982242
Conc: 51.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



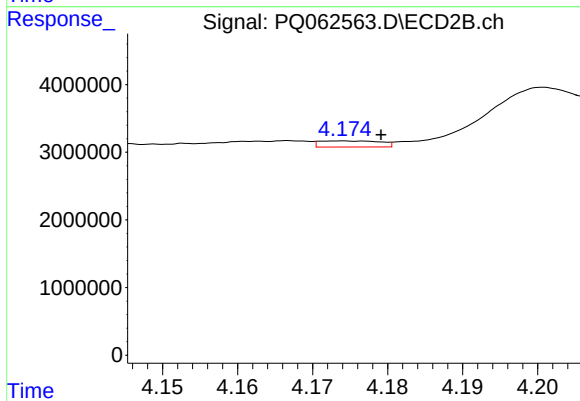
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 10173471
Conc: 112.36 ng/ml



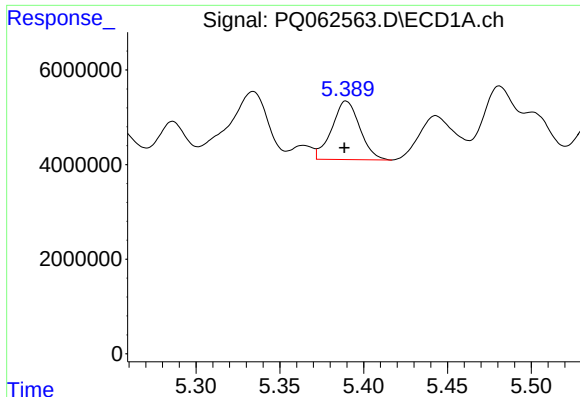
#24 AR-1248-4

R.T.: 5.364 min
Delta R.T.: 0.011 min
Response: 2592027
Conc: 13.51 ng/ml



#24 AR-1248-4

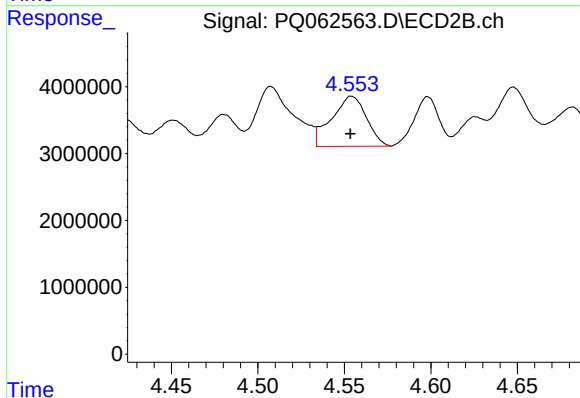
R.T.: 4.174 min
Delta R.T.: -0.005 min
Response: 514199
Conc: 4.56 ng/ml



#25 AR-1248-5

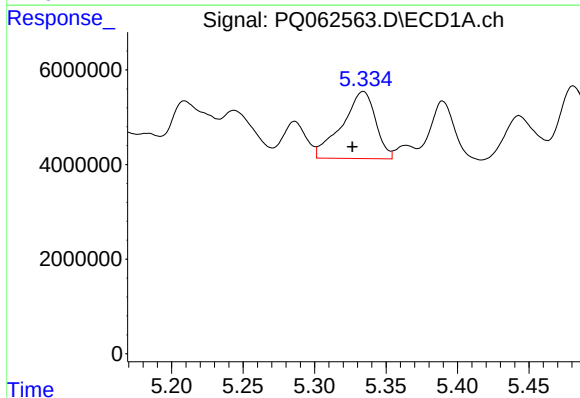
R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 14346047
Conc: 79.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



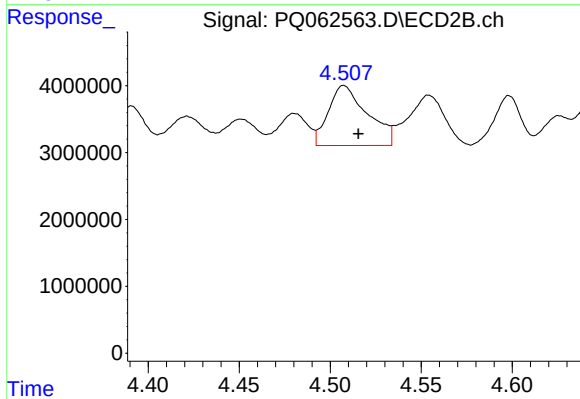
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 10509065
Conc: 93.80 ng/ml



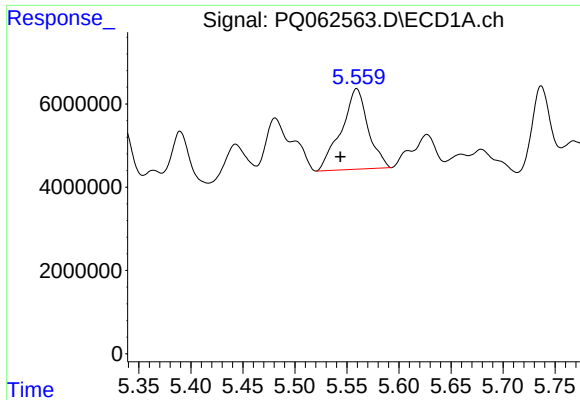
#26 AR-1254-1

R.T.: 5.334 min
Delta R.T.: 0.008 min
Response: 23207211
Conc: 124.89 ng/ml



#26 AR-1254-1

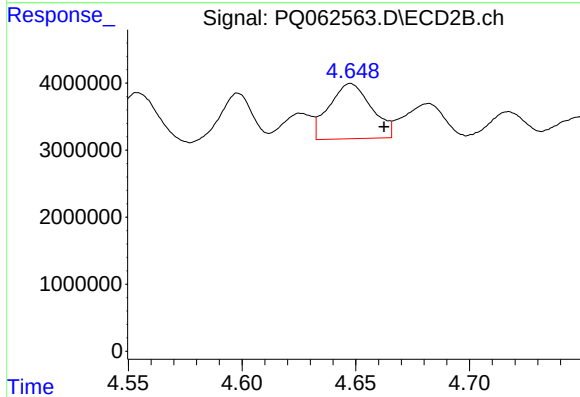
R.T.: 4.507 min
Delta R.T.: -0.008 min
Response: 13379862
Conc: 82.87 ng/ml



#27 AR-1254-2

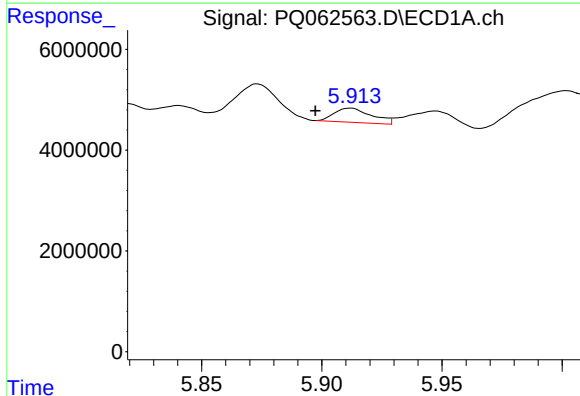
R.T.: 5.559 min
Delta R.T.: 0.016 min
Response: 34597883
Conc: 119.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



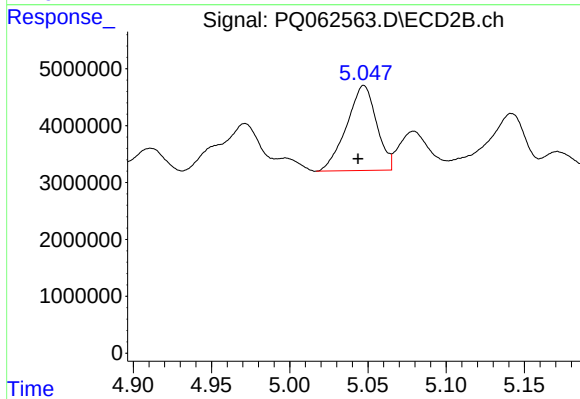
#27 AR-1254-2

R.T.: 4.648 min
Delta R.T.: -0.015 min
Response: 10674906
Conc: 72.51 ng/ml



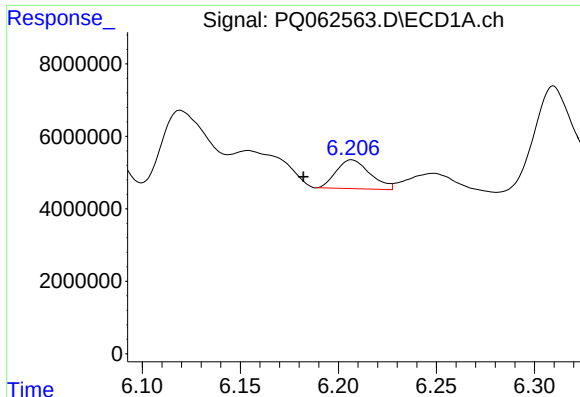
#28 AR-1254-3

R.T.: 5.912 min
Delta R.T.: 0.014 min
Response: 3047438
Conc: 9.92 ng/ml



#28 AR-1254-3

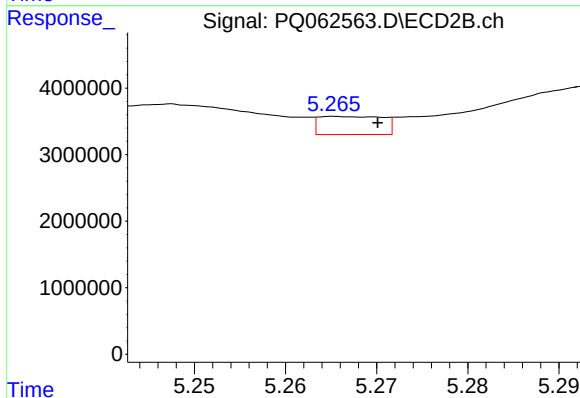
R.T.: 5.047 min
Delta R.T.: 0.004 min
Response: 19859488
Conc: 84.98 ng/ml



#29 AR-1254-4

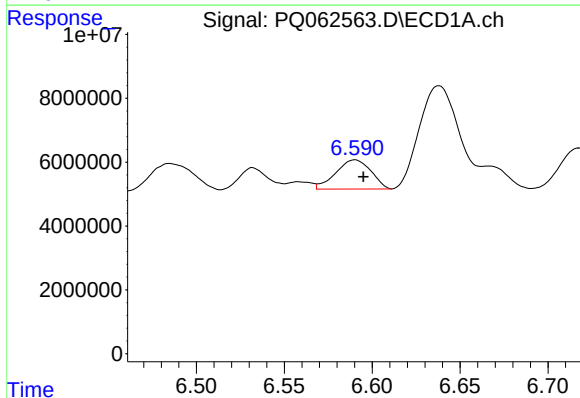
R.T.: 6.207 min
Delta R.T.: 0.025 min
Response: 9593827
Conc: 41.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



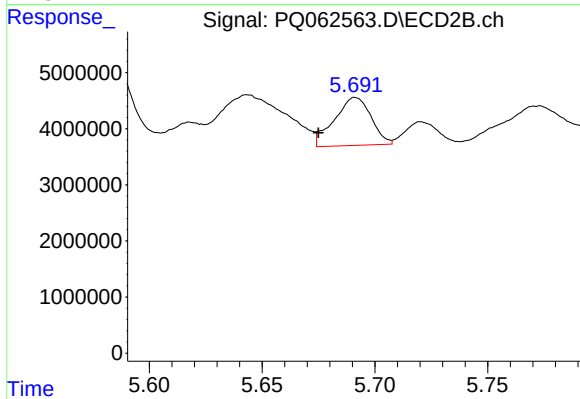
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 1329924
Conc: 8.73 ng/ml



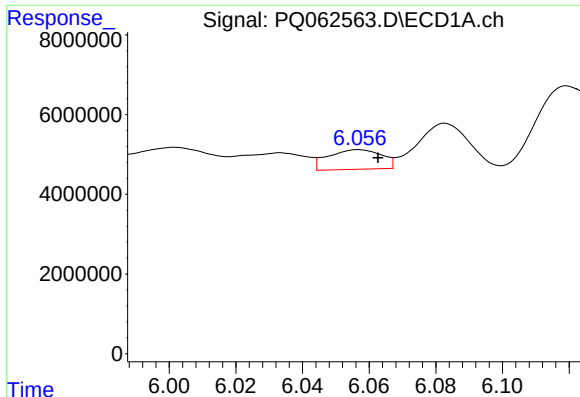
#30 AR-1254-5

R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 12705291
Conc: 49.46 ng/ml



#30 AR-1254-5

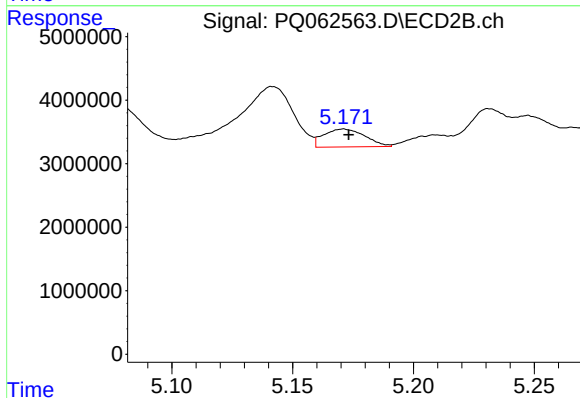
R.T.: 5.691 min
Delta R.T.: 0.016 min
Response: 9720646
Conc: 42.12 ng/ml



#31 AR-1260-1

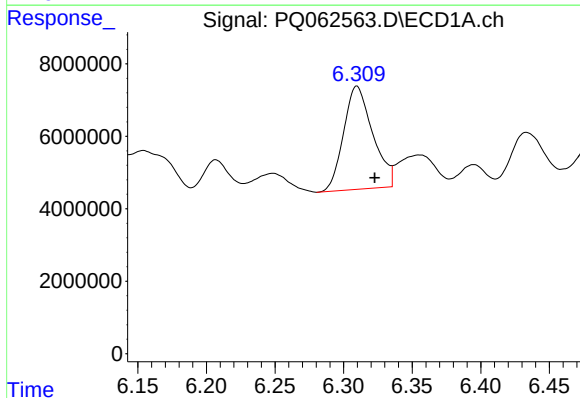
R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 5469247
Conc: 23.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



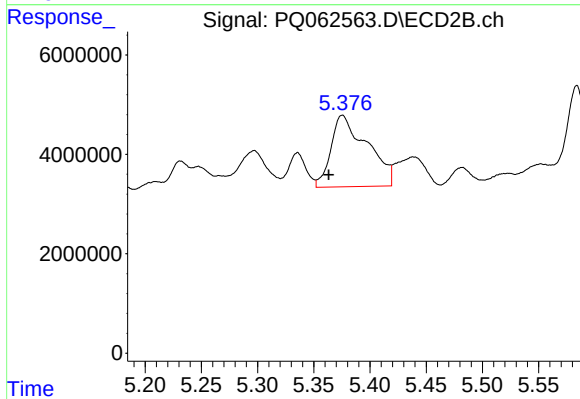
#31 AR-1260-1

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 3367230
Conc: 20.22 ng/ml



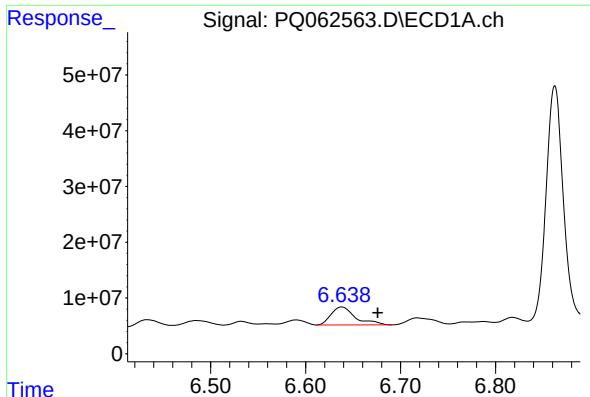
#32 AR-1260-2

R.T.: 6.310 min
Delta R.T.: -0.013 min
Response: 42113515
Conc: 145.82 ng/ml



#32 AR-1260-2

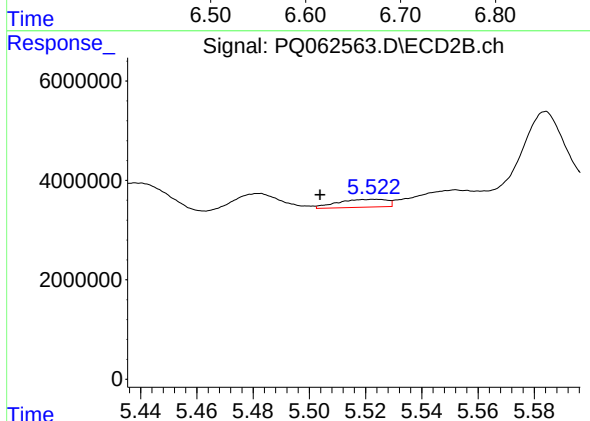
R.T.: 5.375 min
Delta R.T.: 0.012 min
Response: 32266801
Conc: 155.17 ng/ml



#33 AR-1260-3

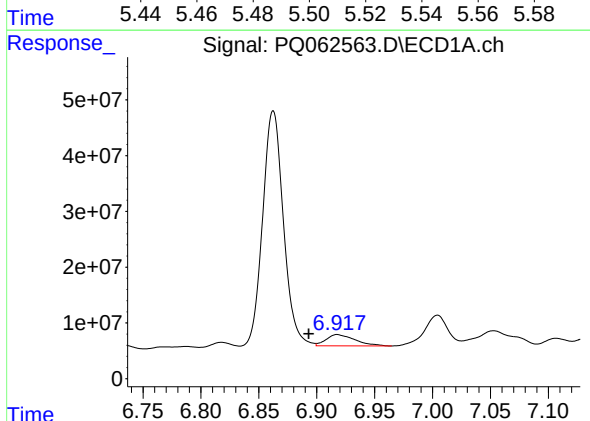
R.T.: 6.638 min
Delta R.T.: -0.038 min
Response: 57684772
Conc: 326.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



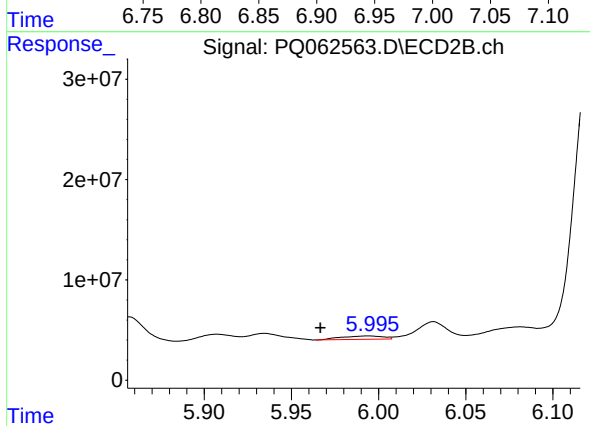
#33 AR-1260-3

R.T.: 5.524 min
Delta R.T.: 0.020 min
Response: 1928945
Conc: 9.91 ng/ml



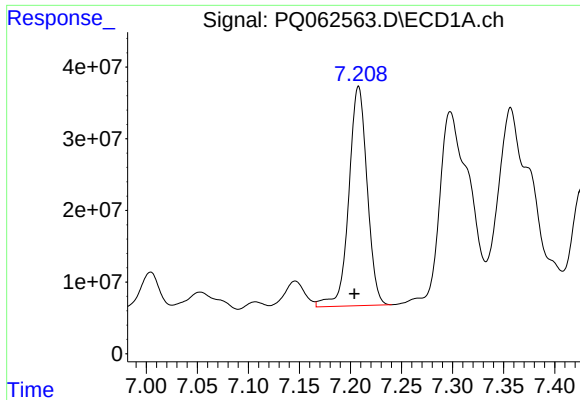
#34 AR-1260-4

R.T.: 6.918 min
Delta R.T.: 0.025 min
Response: 34940467
Conc: 165.87 ng/ml



#34 AR-1260-4

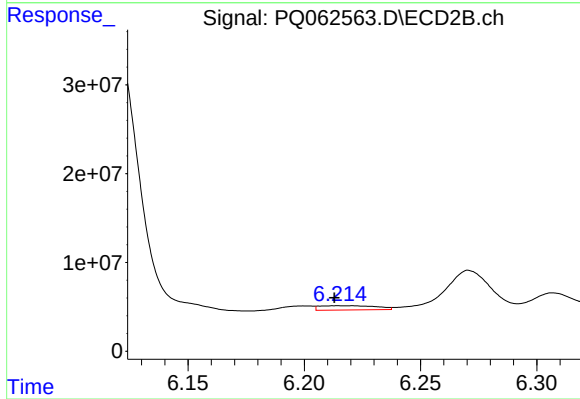
R.T.: 5.994 min
Delta R.T.: 0.028 min
Response: 5596866
Conc: 38.37 ng/ml



#35 AR-1260-5

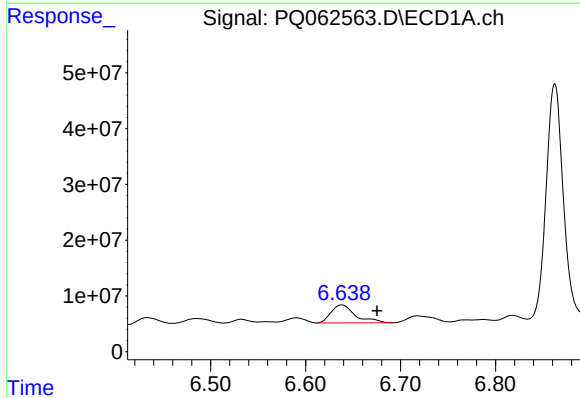
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 382385756
Conc: 931.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



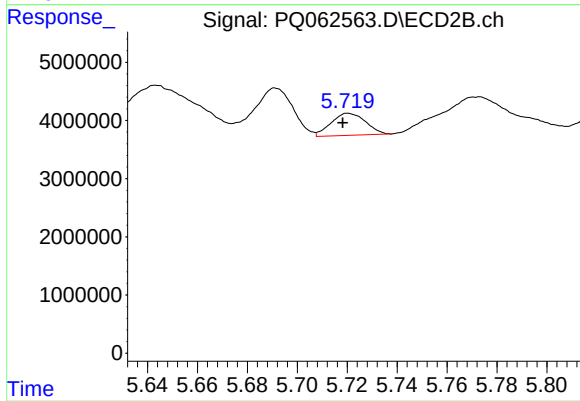
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.002 min
Response: 8019106
Conc: 24.15 ng/ml



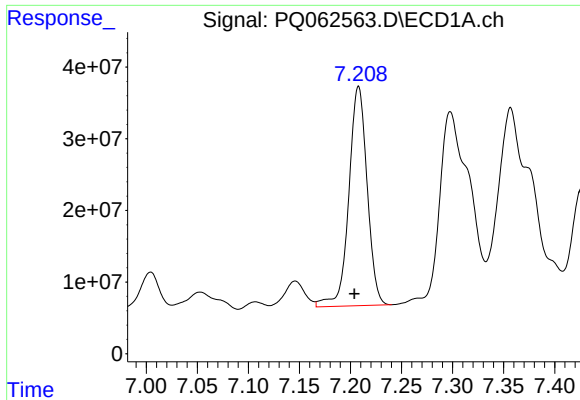
#36 AR-1262-1

R.T.: 6.638 min
Delta R.T.: -0.037 min
Response: 57684772
Conc: 189.17 ng/ml



#36 AR-1262-1

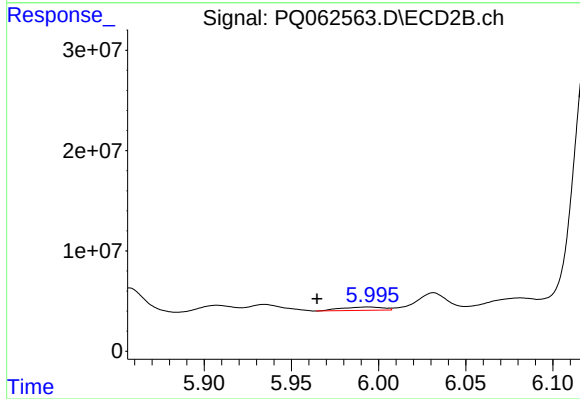
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 3646535
Conc: 15.69 ng/ml



#37 AR-1262-2

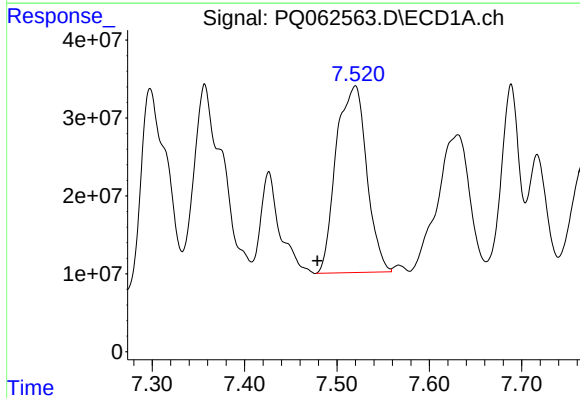
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 382385756
Conc: 725.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



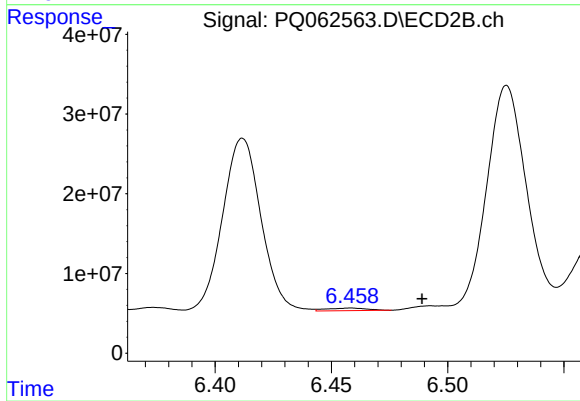
#37 AR-1262-2

R.T.: 5.994 min
Delta R.T.: 0.029 min
Response: 5596866
Conc: 25.89 ng/ml



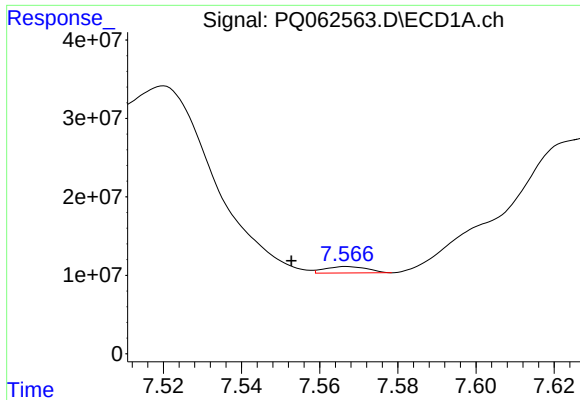
#38 AR-1262-3

R.T.: 7.519 min
Delta R.T.: 0.040 min
Response: 548771393
Conc: 1557.67 ng/ml



#38 AR-1262-3

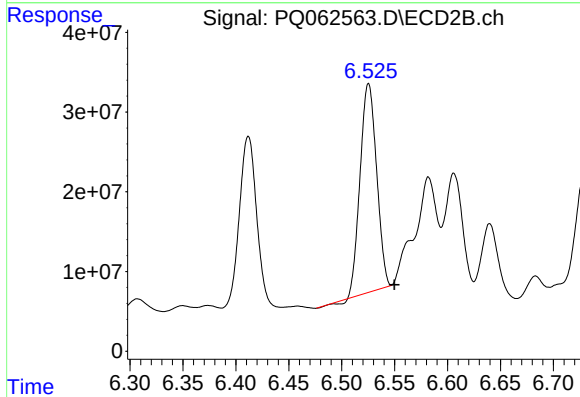
R.T.: 6.458 min
Delta R.T.: -0.031 min
Response: 4056131
Conc: 23.27 ng/ml



#39 AR-1262-4

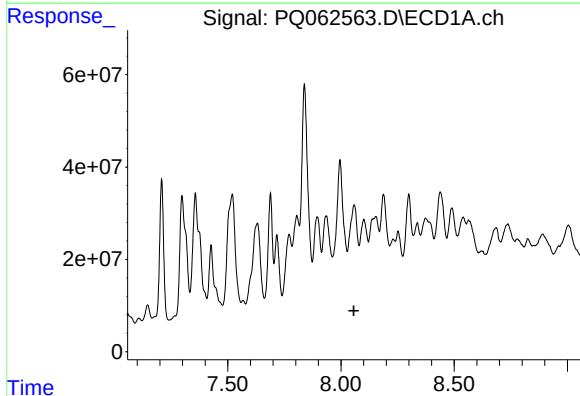
R.T.: 7.567 min
Delta R.T.: 0.014 min
Response: 6187623
Conc: 23.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



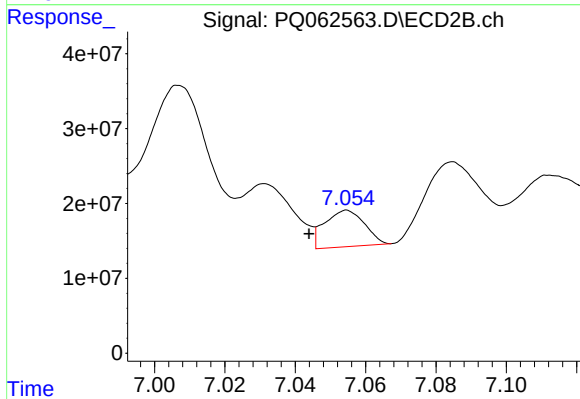
#39 AR-1262-4

R.T.: 6.525 min
Delta R.T.: -0.024 min
Response: 282888692
Conc: 877.73 ng/ml



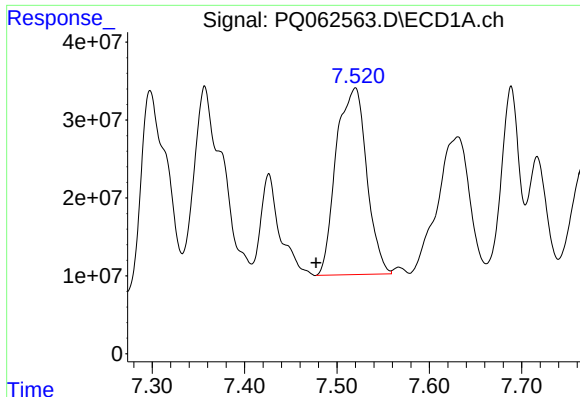
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: -69248196
Conc: N.D.



#40 AR-1262-5

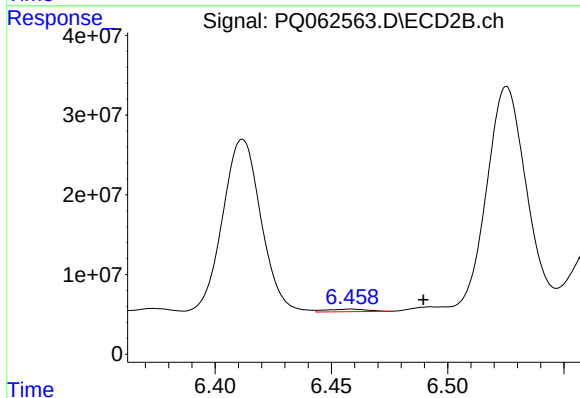
R.T.: 7.055 min
Delta R.T.: 0.011 min
Response: 38591477
Conc: 248.79 ng/ml



#41 AR-1268-1

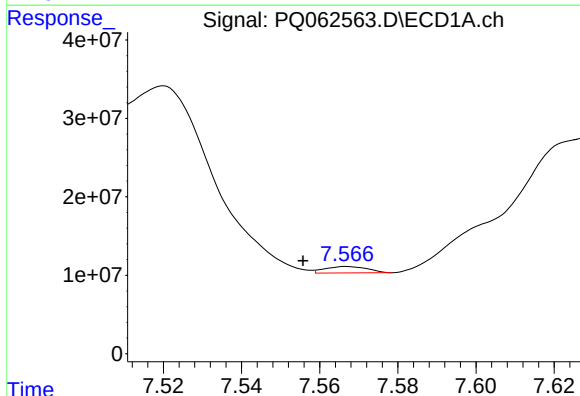
R.T.: 7.519 min
Delta R.T.: 0.042 min
Response: 548771393
Conc: 967.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



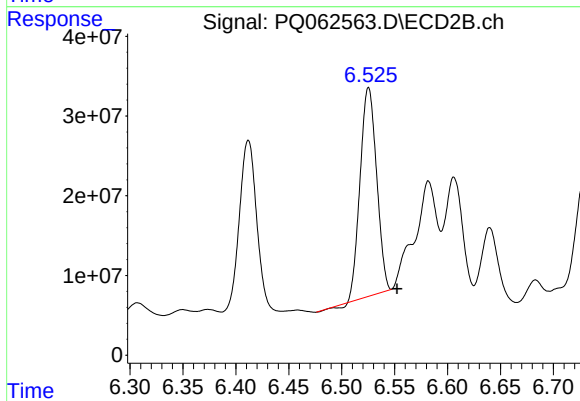
#41 AR-1268-1

R.T.: 6.458 min
Delta R.T.: -0.031 min
Response: 4056131
Conc: 8.62 ng/ml



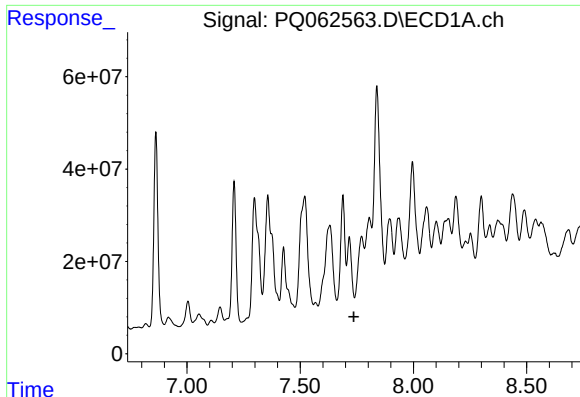
#42 AR-1268-2

R.T.: 7.567 min
Delta R.T.: 0.011 min
Response: 6187623
Conc: 12.14 ng/ml



#42 AR-1268-2

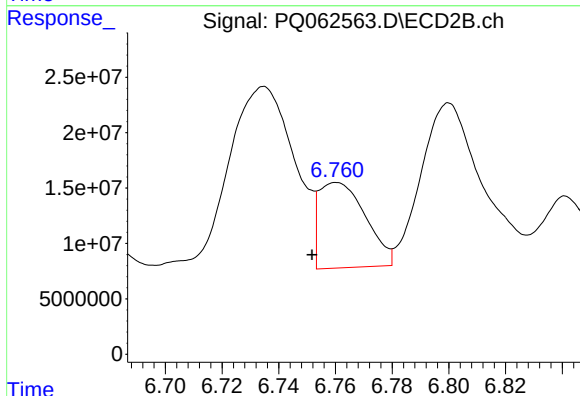
R.T.: 6.525 min
Delta R.T.: -0.027 min
Response: 282888692
Conc: 667.66 ng/ml



#43 AR-1268-3

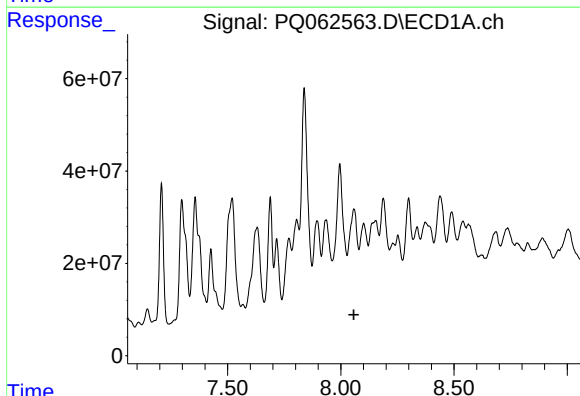
R.T.: 7.717 min
Delta R.T.: -0.020 min
Response: -52792318
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



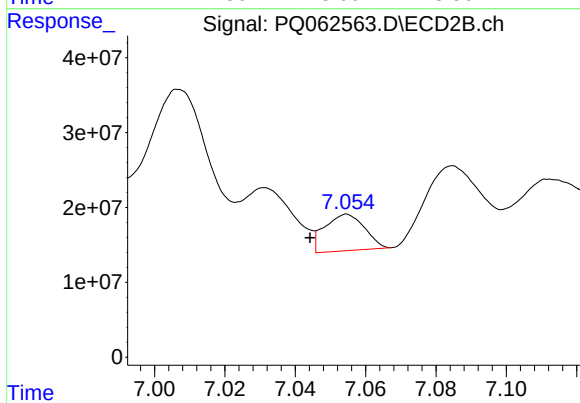
#43 AR-1268-3

R.T.: 6.760 min
Delta R.T.: 0.009 min
Response: 88262046
Conc: 239.63 ng/ml



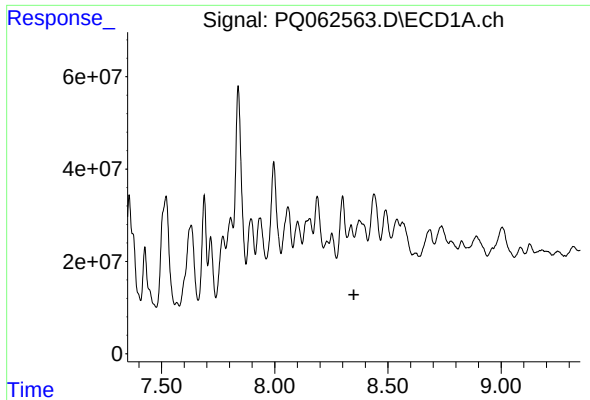
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: -69248196
Conc: N.D.



#44 AR-1268-4

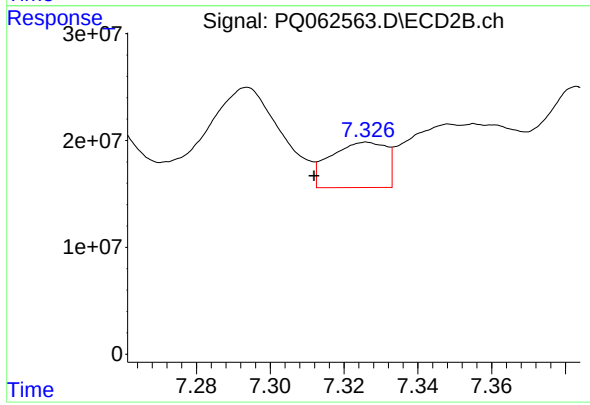
R.T.: 7.055 min
Delta R.T.: 0.010 min
Response: 38591477
Conc: 241.29 ng/ml



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.013 min
Response: -32466722
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.326 min
Delta R.T.: 0.014 min
Response: 44342651
Conc: 38.00 ng/ml