

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092023\
 Data File : PQ063308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 10:28
 Operator : YP\AJ
 Sample : 04488-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 11:37:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.468	2.792	56009952	35948231	11.959	10.402
2)	SA Decachlor...	8.697	7.585	68768987	73849166	19.679	20.544
Target Compounds							
3)	L1 AR-1016-1	4.596	3.798	1033461	1255614	7.108	10.080 #
4)	L1 AR-1016-2	4.596	3.798	1033461	1255614	4.423	7.064 #
5)	L1 AR-1016-3	4.644	3.966	371616	437310	2.586	4.532 #
6)	L1 AR-1016-4	4.738	4.022	579718	933277	5.082	11.513 #
7)	L1 AR-1016-5	5.051	4.236	567382	1725609	4.828	17.142 #
8)	L2 AR-1221-1	3.659	2.975	2801048	227070	48.959	4.882 #
9)	L2 AR-1221-2	3.754	3.065	820507	262628	21.704	8.492 #
10)	L2 AR-1221-3	3.810	3.139	510799	2894697	4.047	27.169 #
11)	L3 AR-1232-1	3.810	3.139	510799	2894697	4.905	33.292 #
12)	L3 AR-1232-2	4.291f	3.798	677881	1255614	10.657	15.527 #
13)	L3 AR-1232-3	4.596	3.966	1033461	437310	9.862	10.309
14)	L3 AR-1232-4	4.738	4.051	579718	533775	11.666	14.557
15)	L3 AR-1232-5	4.833	4.236	6744997	1725609	177.585	40.002 #
16)	L4 AR-1242-1	4.596	3.798	1033461	1255614	7.837	11.507 #
17)	L4 AR-1242-2	4.596	3.798	1033461	1255614	4.994	8.079 #
18)	L4 AR-1242-3	4.644	3.966	371616	437310	2.931	5.214 #
19)	L4 AR-1242-4	4.738	4.051	579718	533775	5.621	6.661
20)	L4 AR-1242-5	5.450	4.565	947748	1301928	8.666	12.440 #
21)	L5 AR-1248-1	4.596	3.798	1033461	1255614	10.516	15.647 #
22)	L5 AR-1248-2	4.833	4.022	6744997	933277	47.161	7.795 #
23)	L5 AR-1248-3	5.051	4.051	567382	533775	3.298	4.656 #
24)	L5 AR-1248-4	5.424	4.196	1872083	3075806	9.792	21.814 #
25)	L5 AR-1248-5	5.450	4.591	947748	398247	5.094	2.882 #
26)	L6 AR-1254-1	5.424	4.565	1872083	1301928	9.309	6.175 #
27)	L6 AR-1254-2	5.635	4.709	1834534	731977	6.017	3.955 #
28)	L6 AR-1254-3	5.965	5.078	1057940	3813373	3.225	13.328 #
29)	L6 AR-1254-4	6.248	5.311	4342526	121454	17.929	0.656 #
30)	L6 AR-1254-5	6.688	5.710	195021	11806050	0.759	45.695 #
31)	L7 AR-1260-1	6.137	5.227	6937177	395167	28.840	1.957 #
32)	L7 AR-1260-2	6.436	5.411	195.5E6	582250	690.119	2.379 #
33)	L7 AR-1260-3	6.789	5.545	5958056	1124706	29.310	4.756 #
34)	L7 AR-1260-4	7.008	6.011	243454	37386605	1.021	195.820 #
35)	L7 AR-1260-5	7.335f	6.267	9140357	3254925	20.417	7.433 #
36)	L8 AR-1262-1	6.789	5.806	5958056	2938423	19.136	27.930 #
37)	L8 AR-1262-2	7.335f	6.011	9140357	37386605	17.605	161.025 #
38)	L8 AR-1262-3	7.554	6.547	7835163	1936097	22.633	10.080 #
39)	L8 AR-1262-4	7.673	6.611	1946578	4426338	7.150	12.658 #
41)	L9 AR-1268-1	7.554	6.547	7835163	1936097	12.685	3.453 #
42)	L9 AR-1268-2	7.673	6.611	1946578	4426338	3.400	8.899 #

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 Quant Time: Sep 20 11:37:50 2023
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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
43) L9	AR-1268-3	7.845	6.778f	1299279	64324448	2.664	150.888 #
45) L9	AR-1268-5	8.480	7.324f	18304659	8763655	12.817	6.665 #

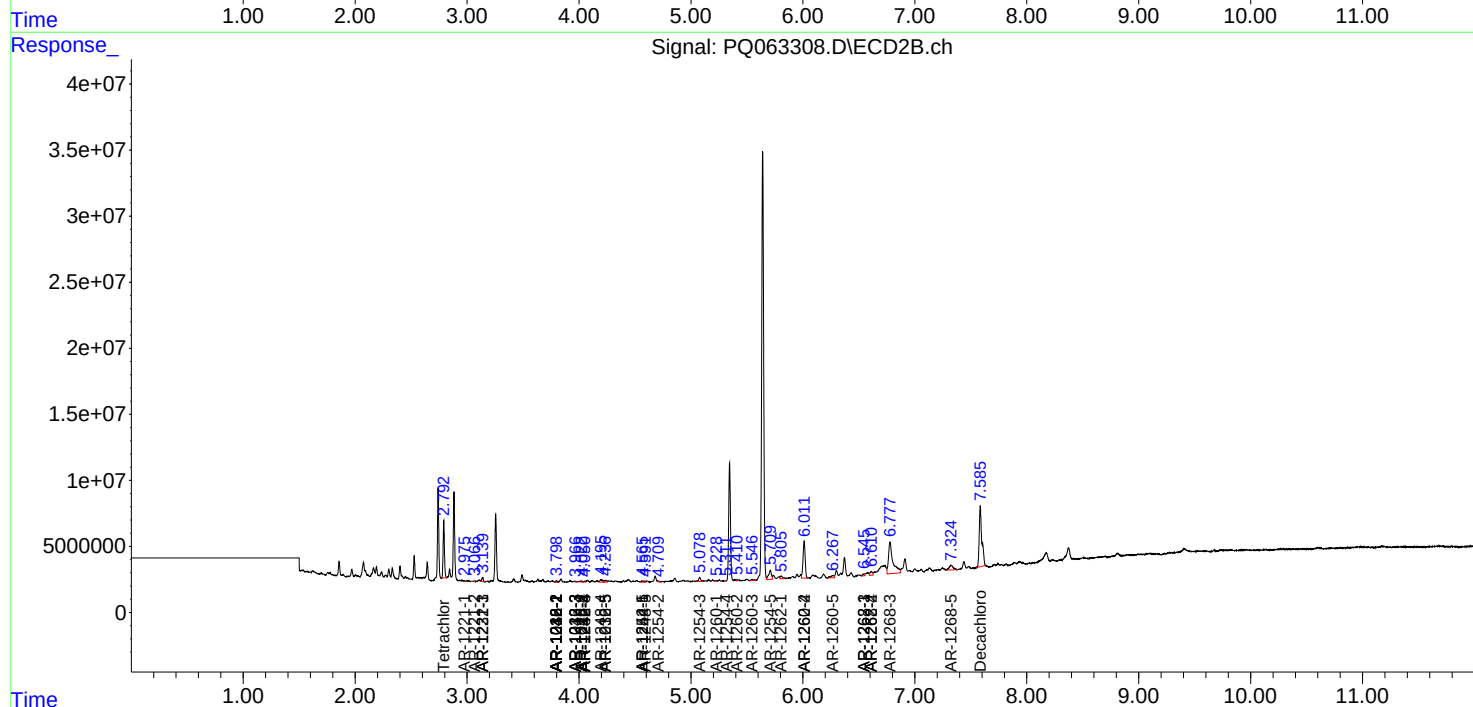
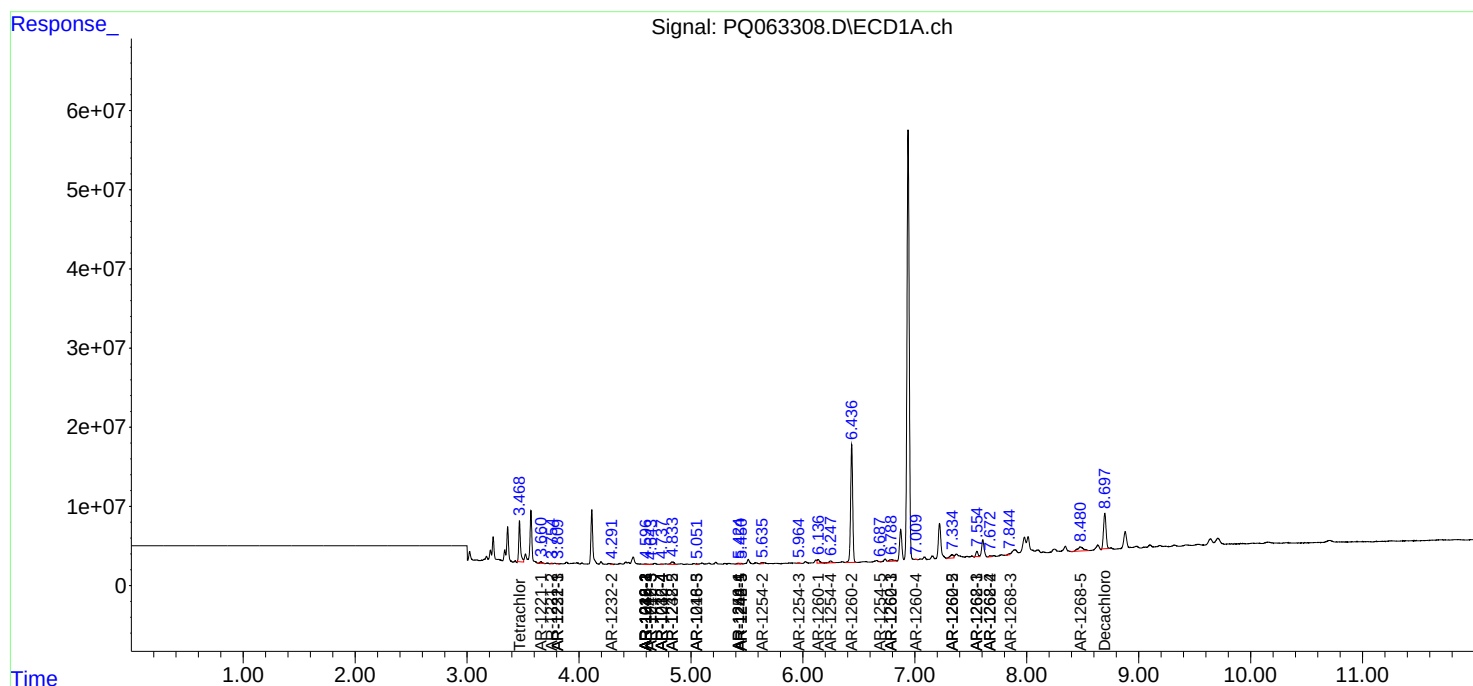
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

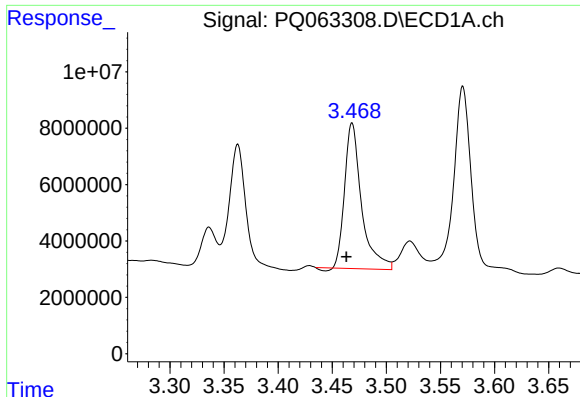
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

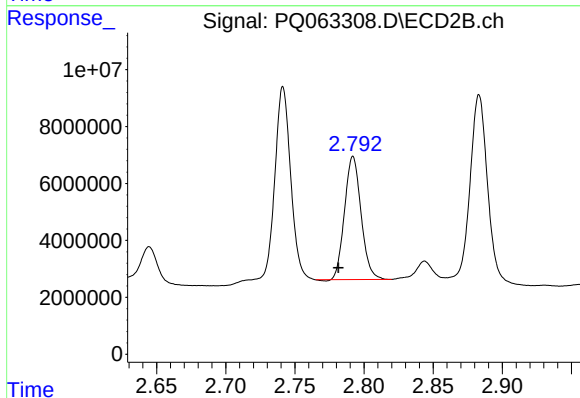




#1 Tetrachloro-m-xylene

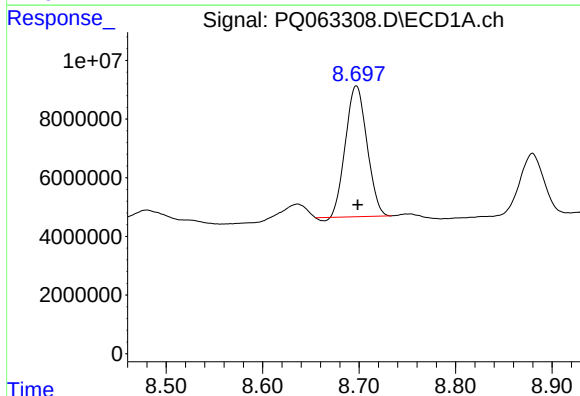
R.T.: 3.468 min
Delta R.T.: 0.005 min
Response: 56009952
Conc: 11.96 ng/ml

Instrument :
FID_C
ClientSampleId :



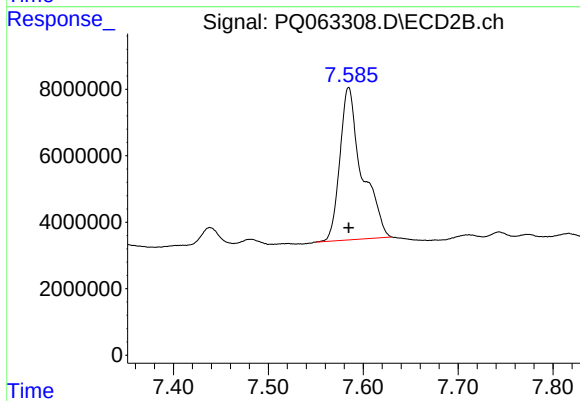
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: 0.010 min
Response: 35948231
Conc: 10.40 ng/ml



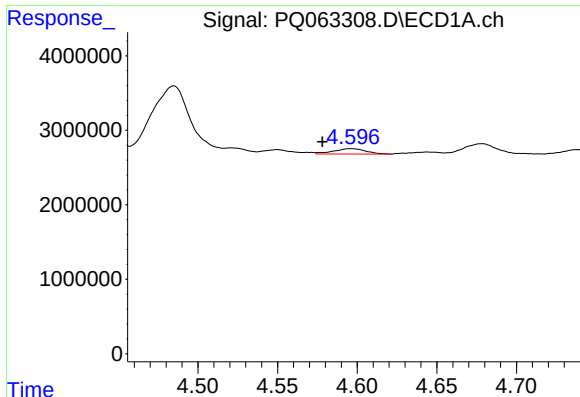
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.001 min
Response: 68768987
Conc: 19.68 ng/ml



#2 Decachlorobiphenyl

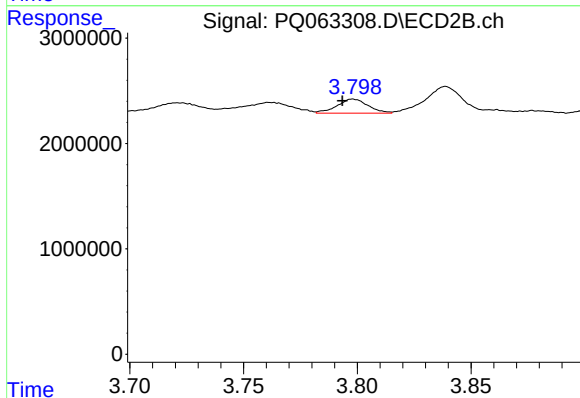
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 73849166
Conc: 20.54 ng/ml



#3 AR-1016-1

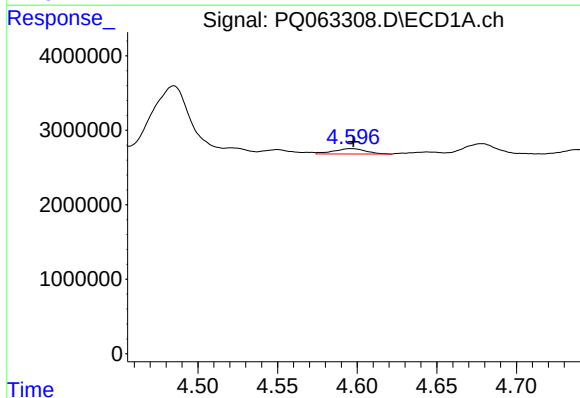
R.T.: 4.596 min
Delta R.T.: 0.018 min
Response: 1033461
Conc: 7.11 ng/ml

Instrument :
FID_C
ClientSampleId :



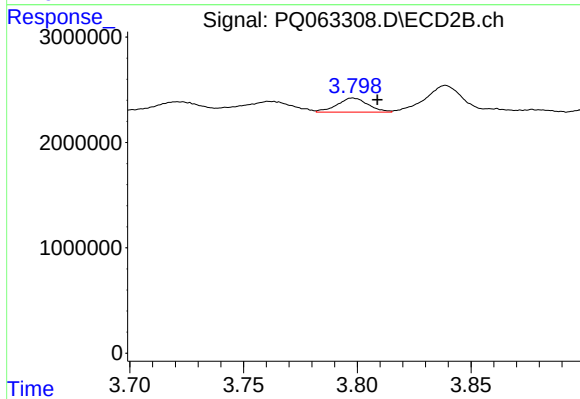
#3 AR-1016-1

R.T.: 3.798 min
Delta R.T.: 0.005 min
Response: 1255614
Conc: 10.08 ng/ml



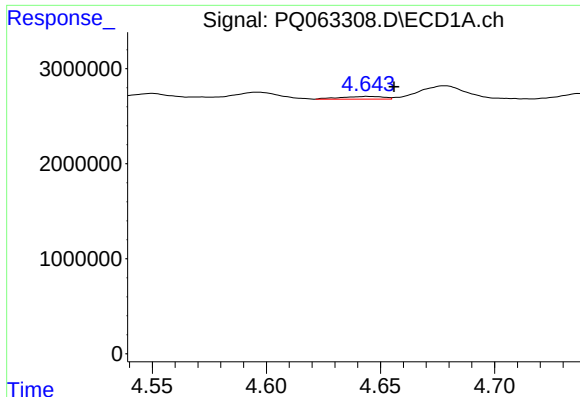
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 1033461
Conc: 4.42 ng/ml



#4 AR-1016-2

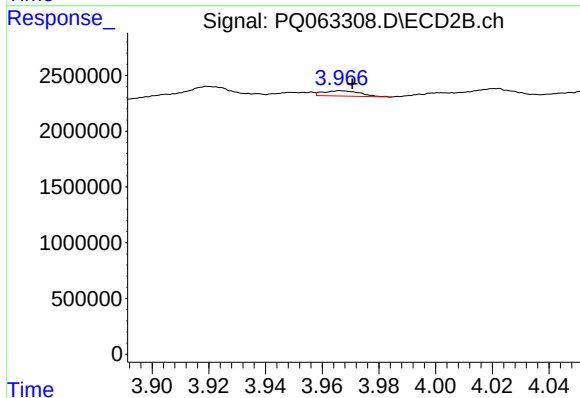
R.T.: 3.798 min
Delta R.T.: -0.011 min
Response: 1255614
Conc: 7.06 ng/ml



#5 AR-1016-3

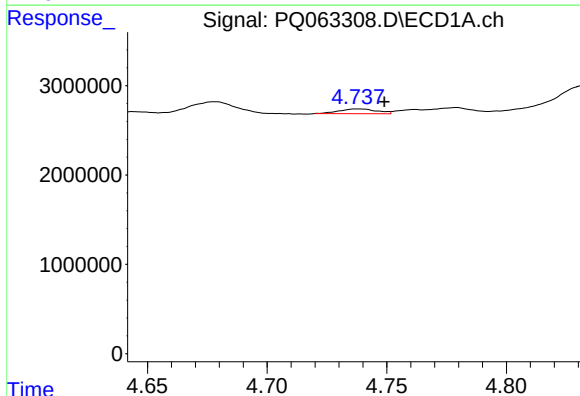
R.T.: 4.644 min
Delta R.T.: -0.012 min
Response: 371616
Conc: 2.59 ng/ml

Instrument :
FID_C
ClientSampleId :



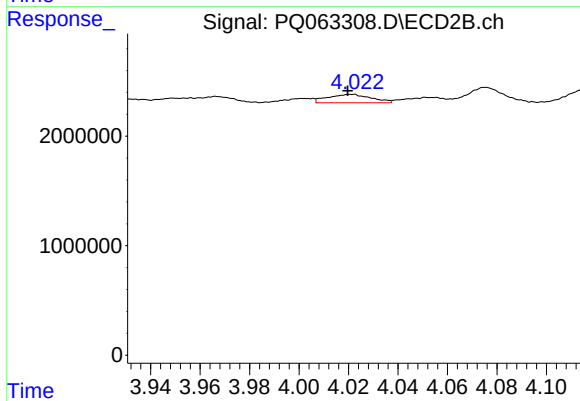
#5 AR-1016-3

R.T.: 3.966 min
Delta R.T.: -0.004 min
Response: 437310
Conc: 4.53 ng/ml



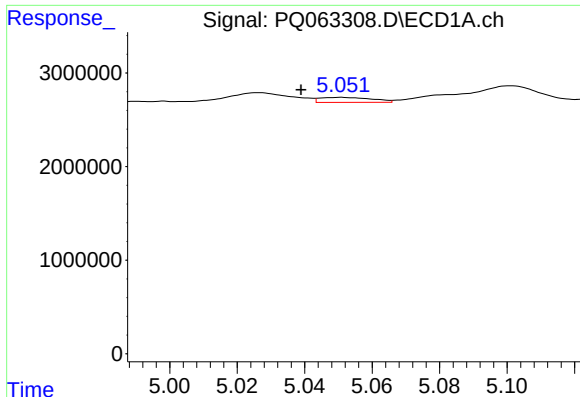
#6 AR-1016-4

R.T.: 4.738 min
Delta R.T.: -0.011 min
Response: 579718
Conc: 5.08 ng/ml



#6 AR-1016-4

R.T.: 4.022 min
Delta R.T.: 0.002 min
Response: 933277
Conc: 11.51 ng/ml



#7 AR-1016-5

R.T.: 5.051 min
Delta R.T.: 0.012 min
Response: 567382
Conc: 4.83 ng/ml

Instrument :
FID_C
ClientSampleId :

#7 AR-1016-5

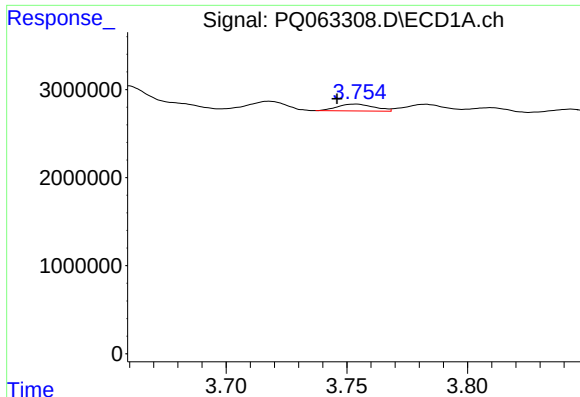
R.T.: 4.236 min
Delta R.T.: 0.020 min
Response: 1725609
Conc: 17.14 ng/ml

#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: -0.007 min
Response: 2801048
Conc: 48.96 ng/ml

#8 AR-1221-1

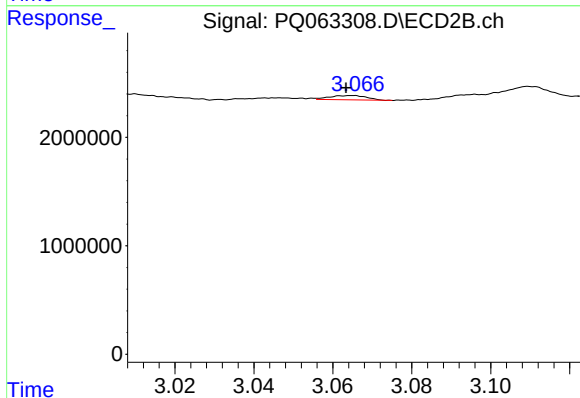
R.T.: 2.975 min
Delta R.T.: -0.011 min
Response: 227070
Conc: 4.88 ng/ml



#9 AR-1221-2

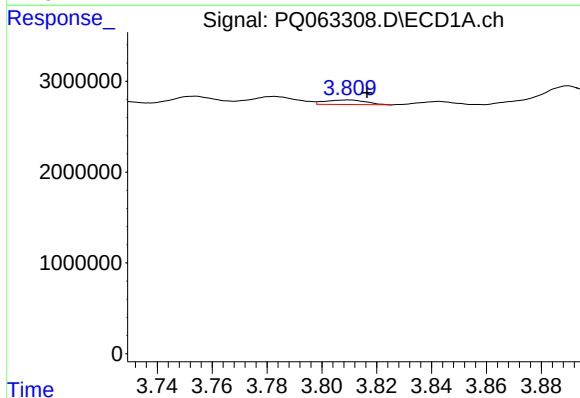
R.T.: 3.754 min
Delta R.T.: 0.008 min
Response: 820507
Conc: 21.70 ng/ml

Instrument :
FID_C
ClientSampleId :



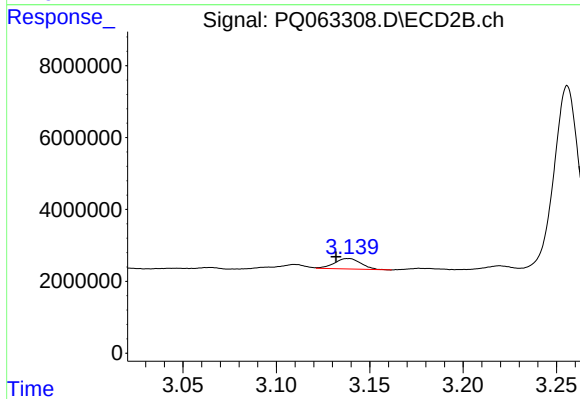
#9 AR-1221-2

R.T.: 3.065 min
Delta R.T.: 0.002 min
Response: 262628
Conc: 8.49 ng/ml



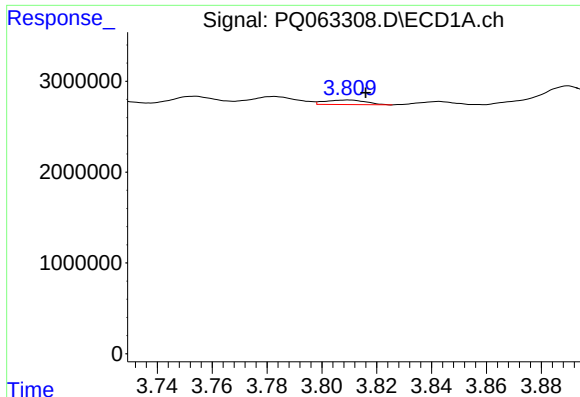
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 510799
Conc: 4.05 ng/ml



#10 AR-1221-3

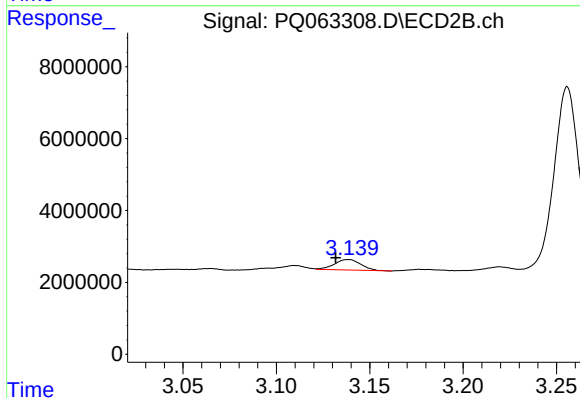
R.T.: 3.139 min
Delta R.T.: 0.007 min
Response: 2894697
Conc: 27.17 ng/ml



#11 AR-1232-1

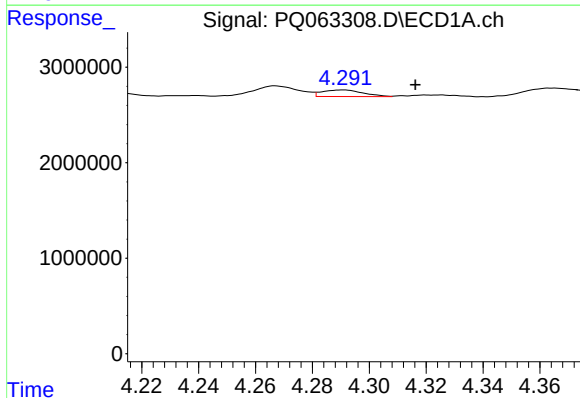
R.T.: 3.810 min
Delta R.T.: -0.006 min
Response: 510799
Conc: 4.91 ng/ml

Instrument :
FID_C
ClientSampleId :



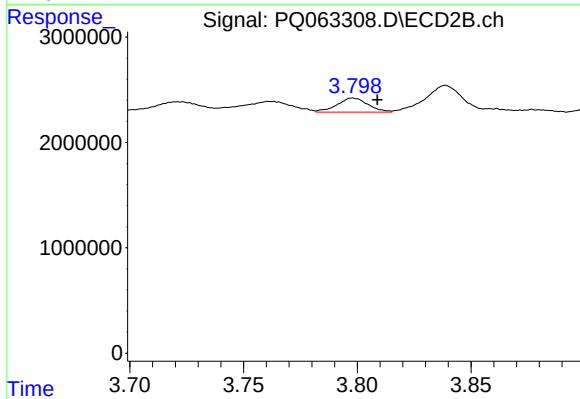
#11 AR-1232-1

R.T.: 3.139 min
Delta R.T.: 0.007 min
Response: 2894697
Conc: 33.29 ng/ml



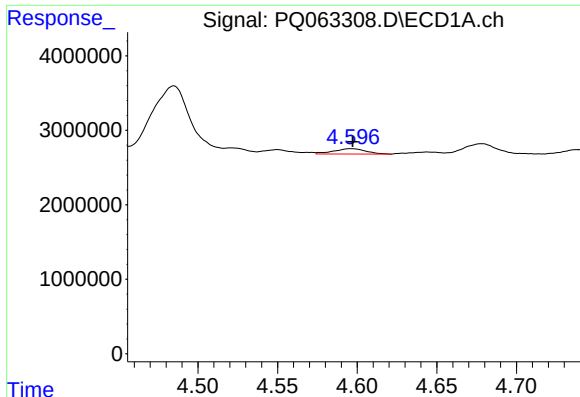
#12 AR-1232-2

R.T.: 4.291 min
Delta R.T.: -0.025 min
Response: 677881
Conc: 10.66 ng/ml



#12 AR-1232-2

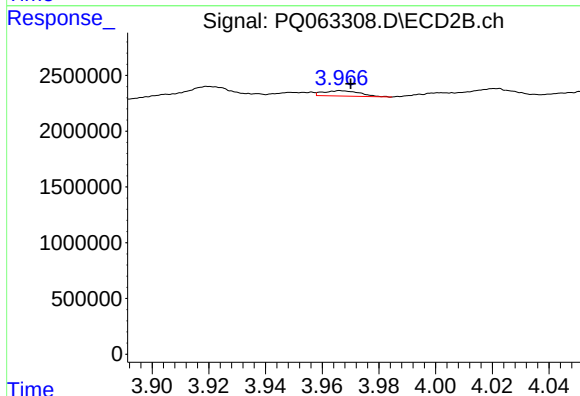
R.T.: 3.798 min
Delta R.T.: -0.011 min
Response: 1255614
Conc: 15.53 ng/ml



#13 AR-1232-3

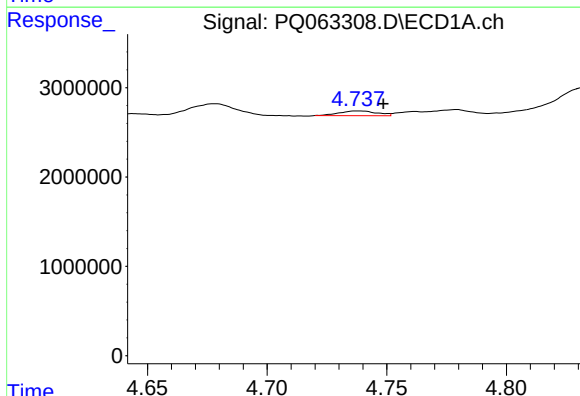
R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 1033461
Conc: 9.86 ng/ml

Instrument :
FID_C
ClientSampleId :



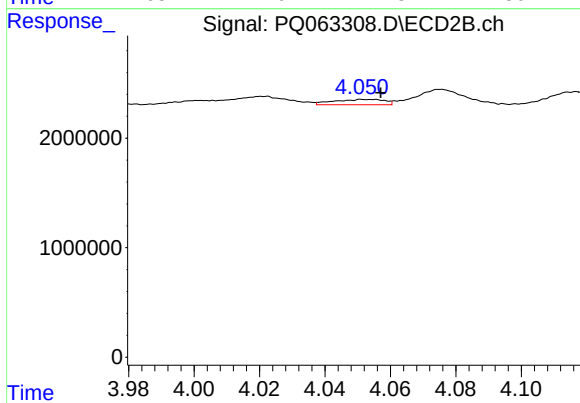
#13 AR-1232-3

R.T.: 3.966 min
Delta R.T.: -0.004 min
Response: 437310
Conc: 10.31 ng/ml



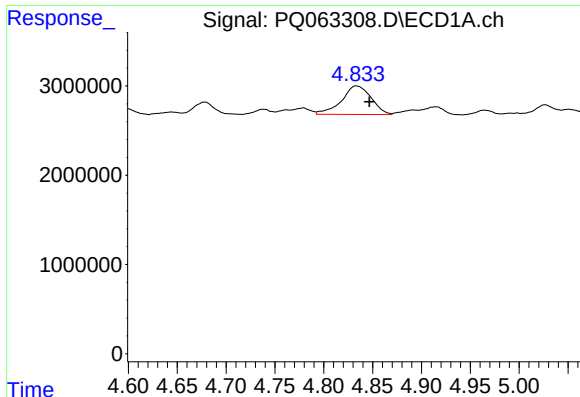
#14 AR-1232-4

R.T.: 4.738 min
Delta R.T.: -0.010 min
Response: 579718
Conc: 11.67 ng/ml



#14 AR-1232-4

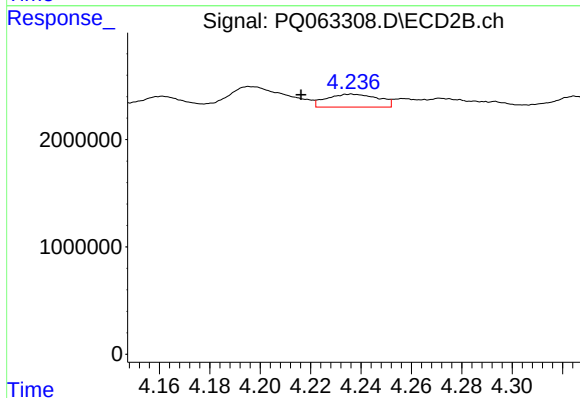
R.T.: 4.051 min
Delta R.T.: -0.006 min
Response: 533775
Conc: 14.56 ng/ml



#15 AR-1232-5

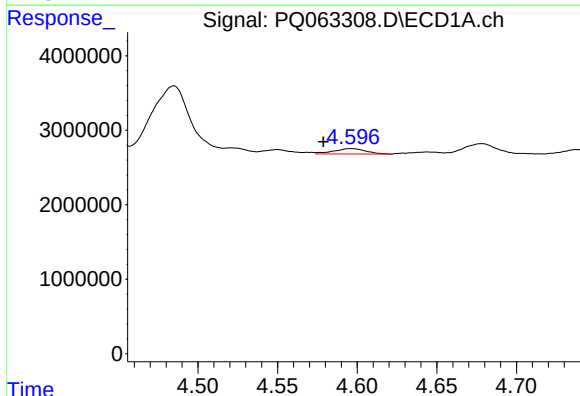
R.T.: 4.833 min
Delta R.T.: -0.013 min
Response: 6744997
Conc: 177.59 ng/ml

Instrument :
FID_C
ClientSampleId :



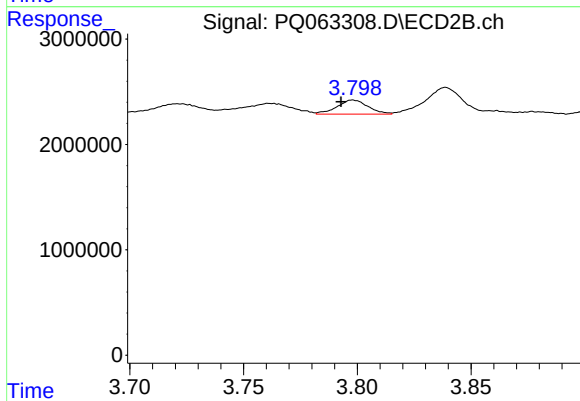
#15 AR-1232-5

R.T.: 4.236 min
Delta R.T.: 0.020 min
Response: 1725609
Conc: 40.00 ng/ml



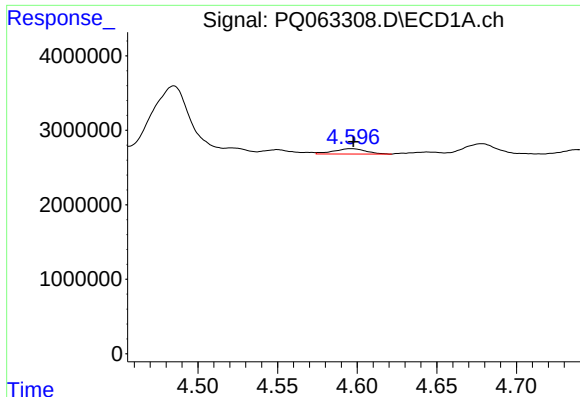
#16 AR-1242-1

R.T.: 4.596 min
Delta R.T.: 0.018 min
Response: 1033461
Conc: 7.84 ng/ml



#16 AR-1242-1

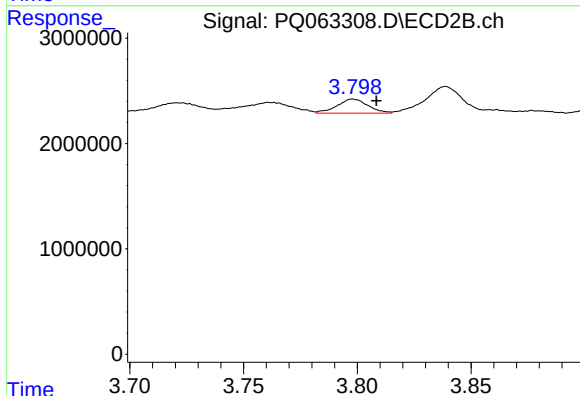
R.T.: 3.798 min
Delta R.T.: 0.005 min
Response: 1255614
Conc: 11.51 ng/ml



#17 AR-1242-2

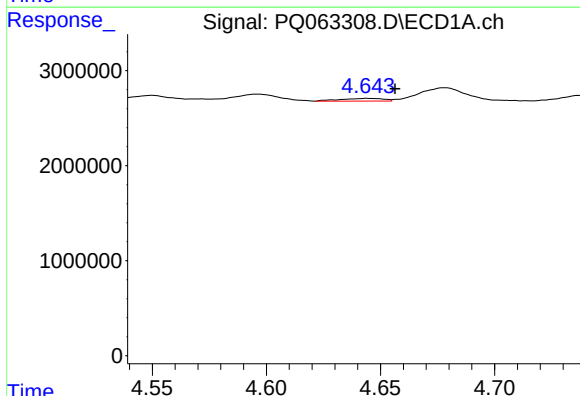
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 1033461
Conc: 4.99 ng/ml

Instrument :
FID_C
ClientSampleId :



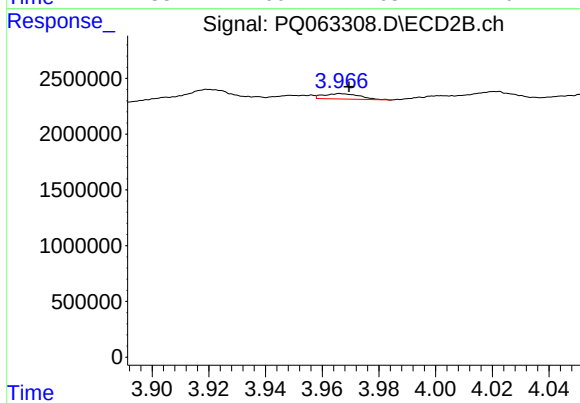
#17 AR-1242-2

R.T.: 3.798 min
Delta R.T.: -0.010 min
Response: 1255614
Conc: 8.08 ng/ml



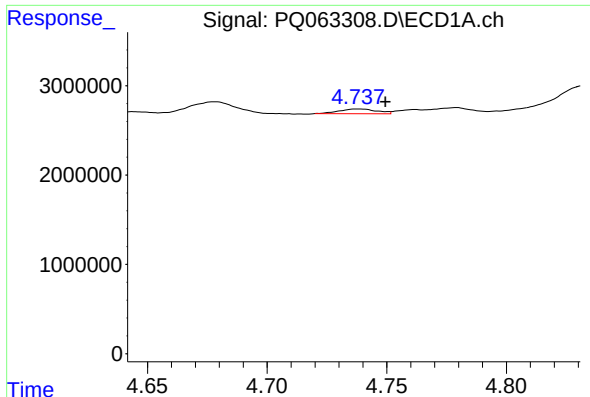
#18 AR-1242-3

R.T.: 4.644 min
Delta R.T.: -0.012 min
Response: 371616
Conc: 2.93 ng/ml



#18 AR-1242-3

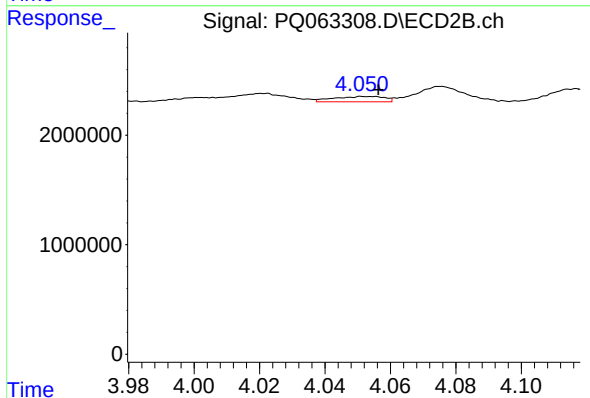
R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 437310
Conc: 5.21 ng/ml



#19 AR-1242-4

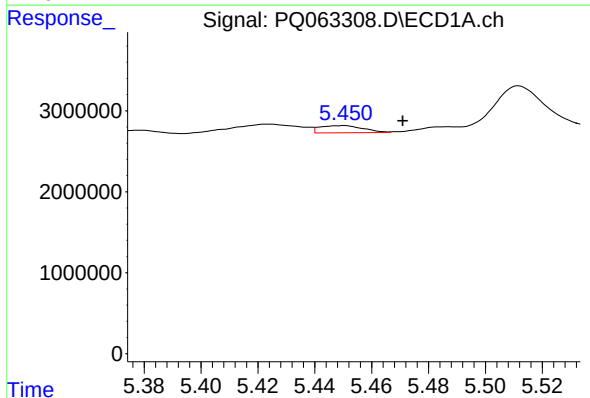
R.T.: 4.738 min
Delta R.T.: -0.011 min
Response: 579718
Conc: 5.62 ng/ml

Instrument :
FID_C
ClientSampleId :



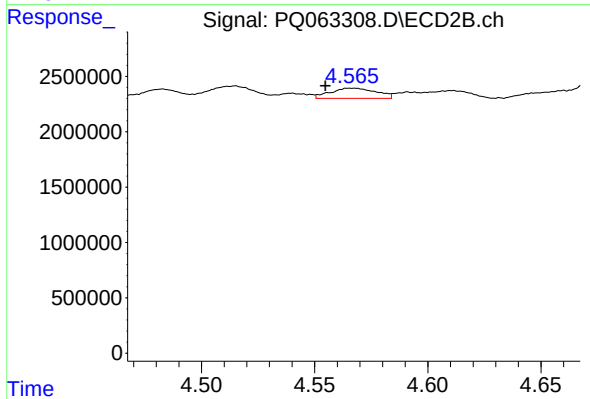
#19 AR-1242-4

R.T.: 4.051 min
Delta R.T.: -0.005 min
Response: 533775
Conc: 6.66 ng/ml



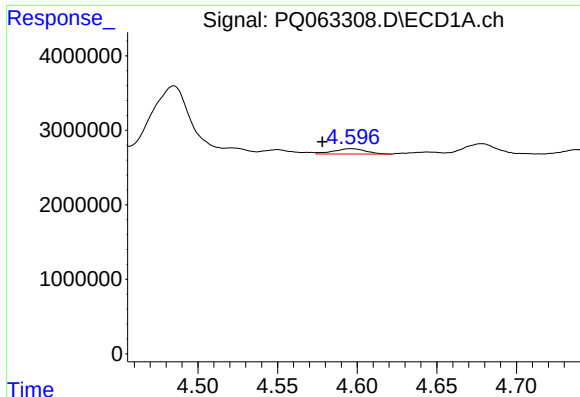
#20 AR-1242-5

R.T.: 5.450 min
Delta R.T.: -0.021 min
Response: 947748
Conc: 8.67 ng/ml



#20 AR-1242-5

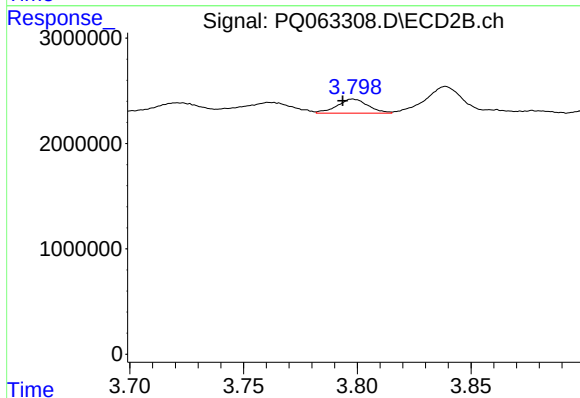
R.T.: 4.565 min
Delta R.T.: 0.011 min
Response: 1301928
Conc: 12.44 ng/ml



#21 AR-1248-1

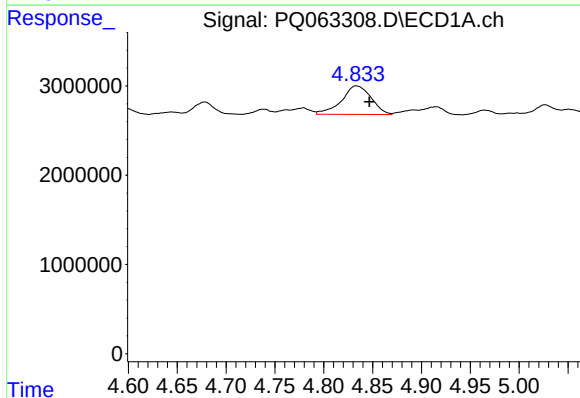
R.T.: 4.596 min
Delta R.T.: 0.018 min
Response: 1033461
Conc: 10.52 ng/ml

Instrument :
FID_C
ClientSampleId :



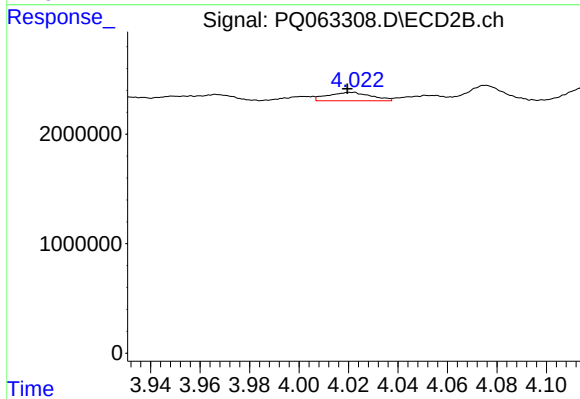
#21 AR-1248-1

R.T.: 3.798 min
Delta R.T.: 0.004 min
Response: 1255614
Conc: 15.65 ng/ml



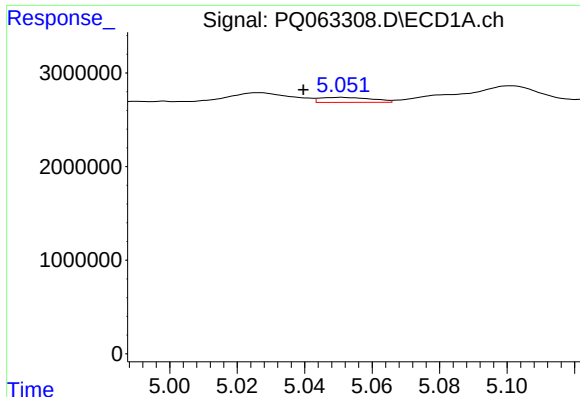
#22 AR-1248-2

R.T.: 4.833 min
Delta R.T.: -0.013 min
Response: 6744997
Conc: 47.16 ng/ml



#22 AR-1248-2

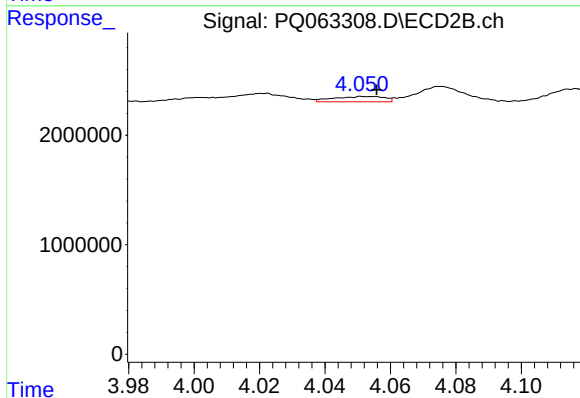
R.T.: 4.022 min
Delta R.T.: 0.002 min
Response: 933277
Conc: 7.79 ng/ml



#23 AR-1248-3

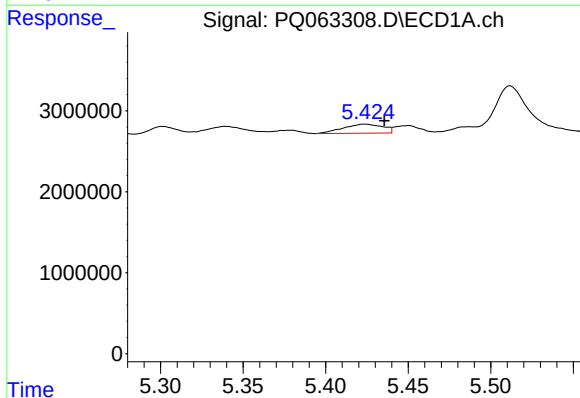
R.T.: 5.051 min
Delta R.T.: 0.011 min
Response: 567382
Conc: 3.30 ng/ml

Instrument :
FID_C
ClientSampleId :



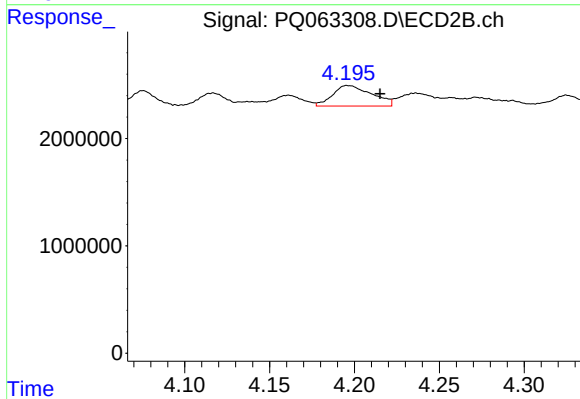
#23 AR-1248-3

R.T.: 4.051 min
Delta R.T.: -0.004 min
Response: 533775
Conc: 4.66 ng/ml



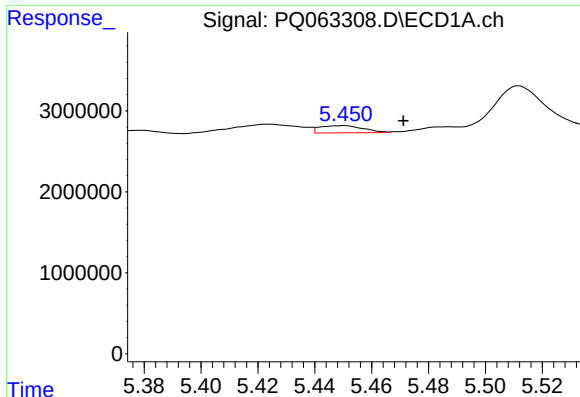
#24 AR-1248-4

R.T.: 5.424 min
Delta R.T.: -0.012 min
Response: 1872083
Conc: 9.79 ng/ml



#24 AR-1248-4

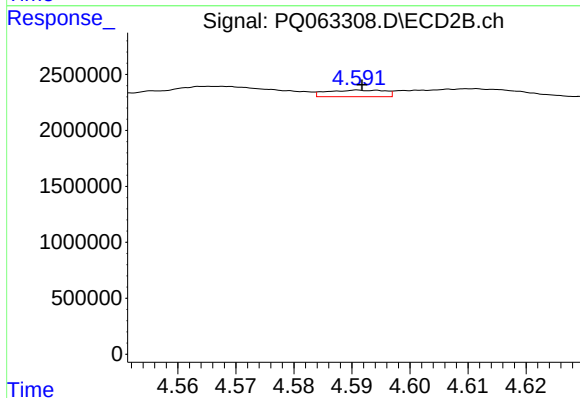
R.T.: 4.196 min
Delta R.T.: -0.020 min
Response: 3075806
Conc: 21.81 ng/ml



#25 AR-1248-5

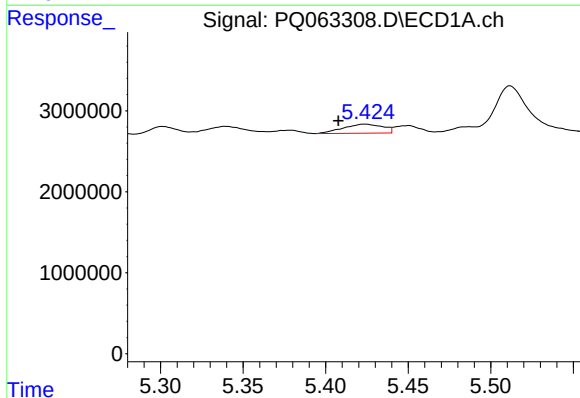
R.T.: 5.450 min
Delta R.T.: -0.021 min
Response: 947748
Conc: 5.09 ng/ml

Instrument :
FID_C
ClientSampleId :



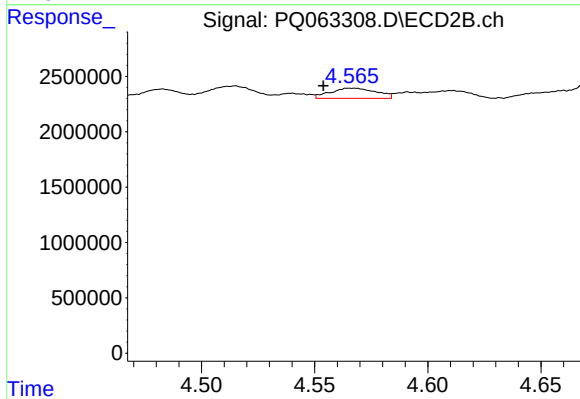
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 398247
Conc: 2.88 ng/ml



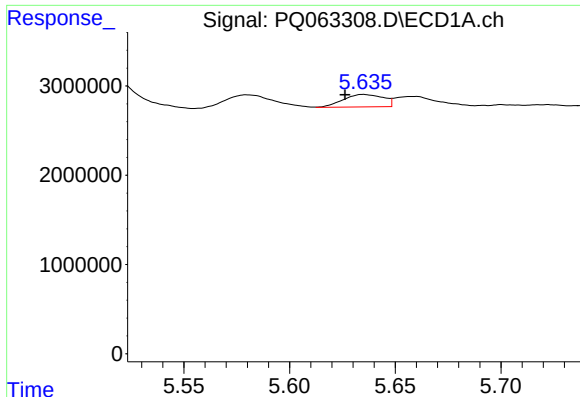
#26 AR-1254-1

R.T.: 5.424 min
Delta R.T.: 0.016 min
Response: 1872083
Conc: 9.31 ng/ml



#26 AR-1254-1

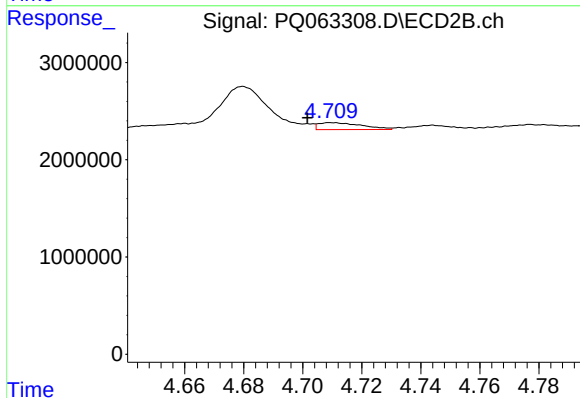
R.T.: 4.565 min
Delta R.T.: 0.012 min
Response: 1301928
Conc: 6.17 ng/ml



#27 AR-1254-2

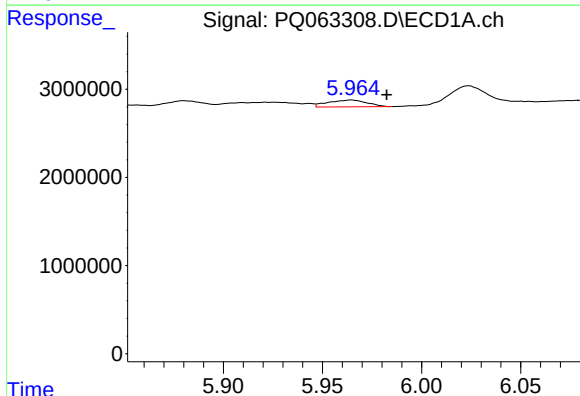
R.T.: 5.635 min
Delta R.T.: 0.009 min
Response: 1834534
Conc: 6.02 ng/ml

Instrument :
FID_C
ClientSampleId :



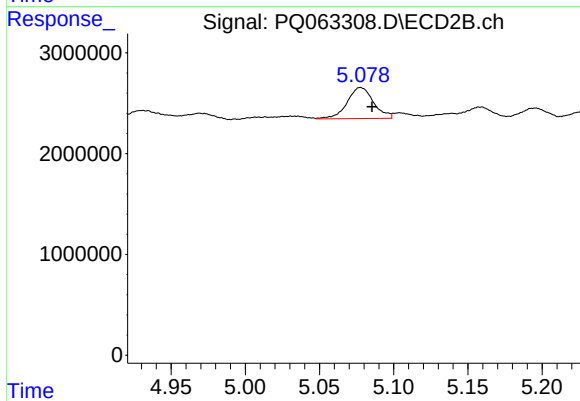
#27 AR-1254-2

R.T.: 4.709 min
Delta R.T.: 0.008 min
Response: 731977
Conc: 3.95 ng/ml



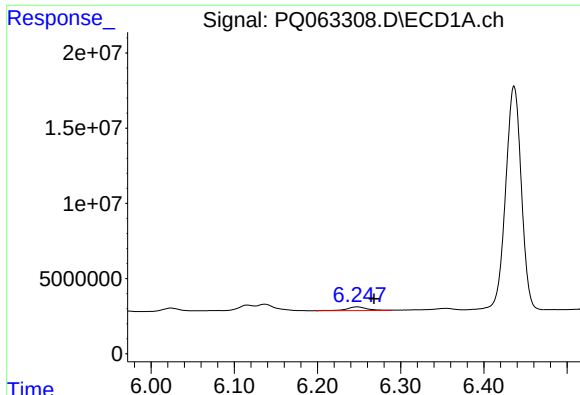
#28 AR-1254-3

R.T.: 5.965 min
Delta R.T.: -0.018 min
Response: 1057940
Conc: 3.23 ng/ml



#28 AR-1254-3

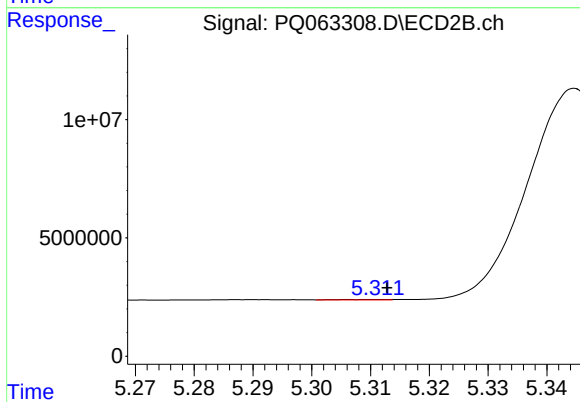
R.T.: 5.078 min
Delta R.T.: -0.008 min
Response: 3813373
Conc: 13.33 ng/ml



#29 AR-1254-4

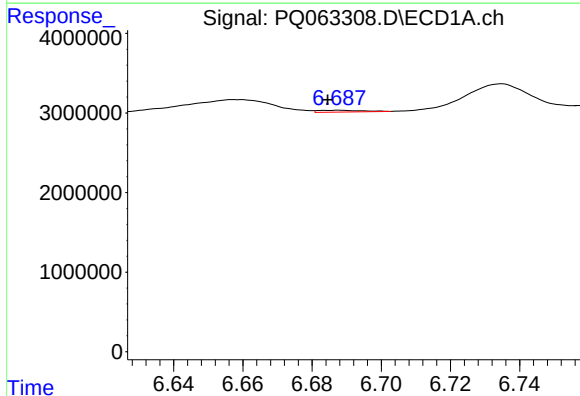
R.T.: 6.248 min
Delta R.T.: -0.021 min
Response: 4342526
Conc: 17.93 ng/ml

Instrument :
FID_C
ClientSampleId :



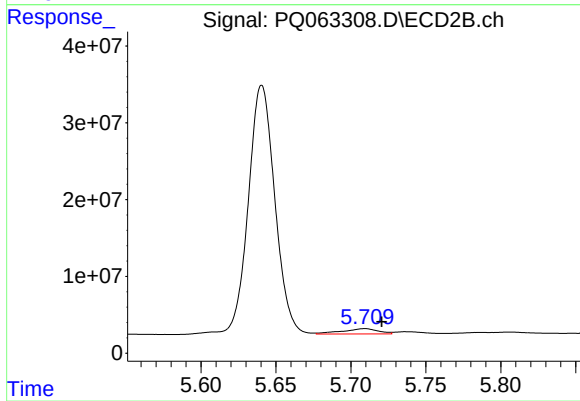
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 121454
Conc: 0.66 ng/ml



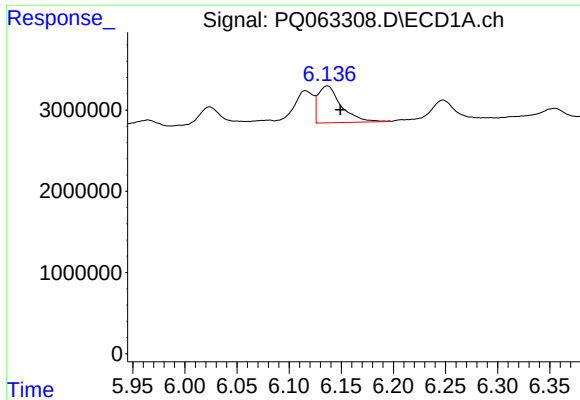
#30 AR-1254-5

R.T.: 6.688 min
Delta R.T.: 0.003 min
Response: 195021
Conc: 0.76 ng/ml



#30 AR-1254-5

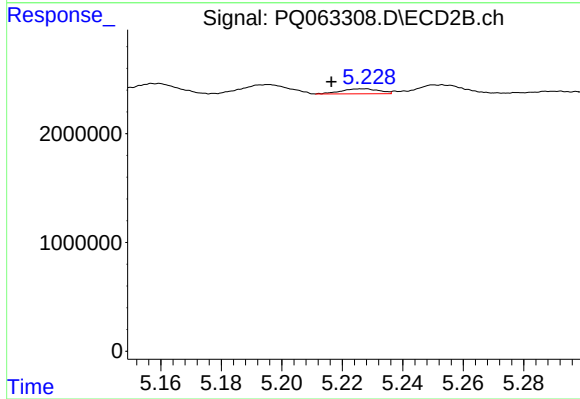
R.T.: 5.710 min
Delta R.T.: -0.011 min
Response: 11806050
Conc: 45.69 ng/ml



#31 AR-1260-1

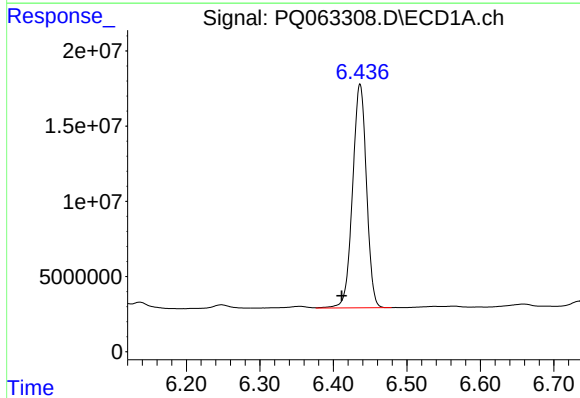
R.T.: 6.137 min
Delta R.T.: -0.012 min
Response: 6937177
Conc: 28.84 ng/ml

Instrument :
FID_C
ClientSampleId :



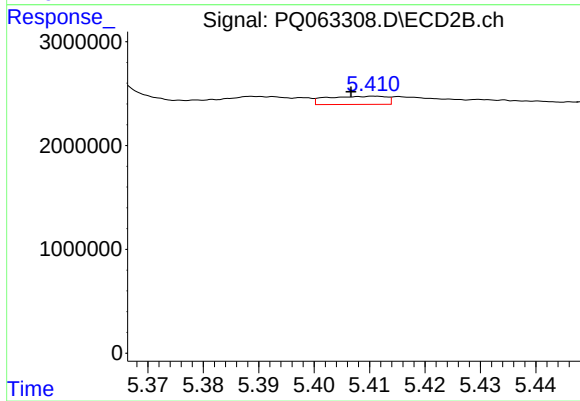
#31 AR-1260-1

R.T.: 5.227 min
Delta R.T.: 0.011 min
Response: 395167
Conc: 1.96 ng/ml



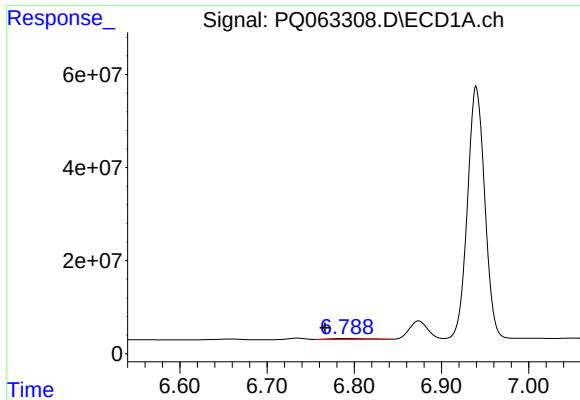
#32 AR-1260-2

R.T.: 6.436 min
Delta R.T.: 0.025 min
Response: 195529359
Conc: 690.12 ng/ml



#32 AR-1260-2

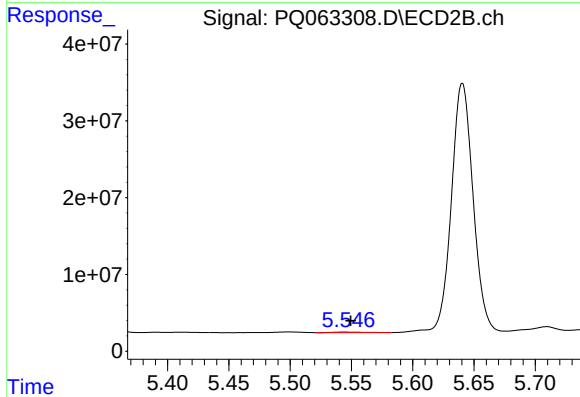
R.T.: 5.411 min
Delta R.T.: 0.005 min
Response: 582250
Conc: 2.38 ng/ml



#33 AR-1260-3

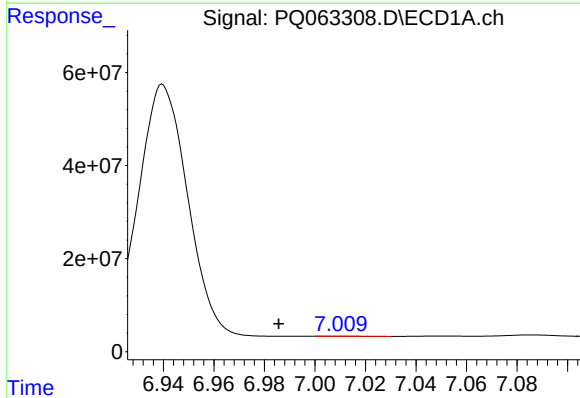
R.T.: 6.789 min
Delta R.T.: 0.023 min
Response: 5958056
Conc: 29.31 ng/ml

Instrument :
FID_C
ClientSampleId :



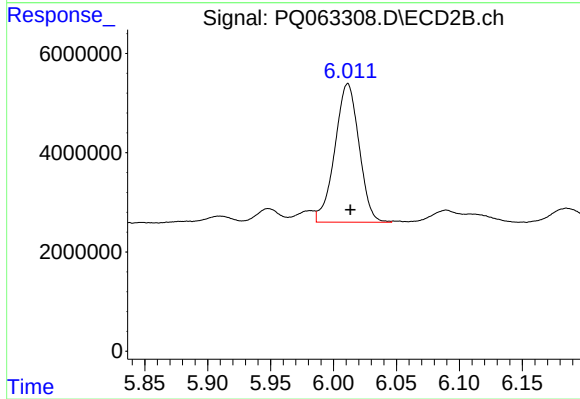
#33 AR-1260-3

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 1124706
Conc: 4.76 ng/ml



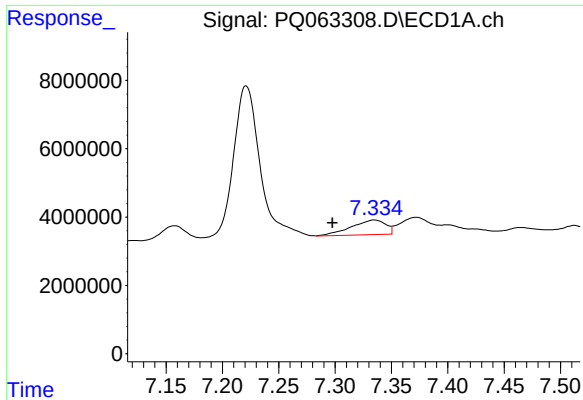
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: 0.023 min
Response: 243454
Conc: 1.02 ng/ml



#34 AR-1260-4

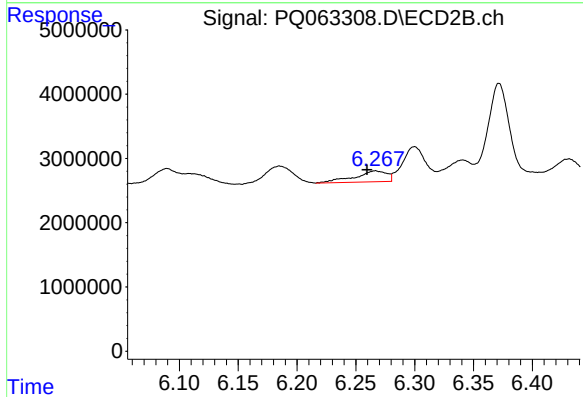
R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 37386605
Conc: 195.82 ng/ml



#35 AR-1260-5

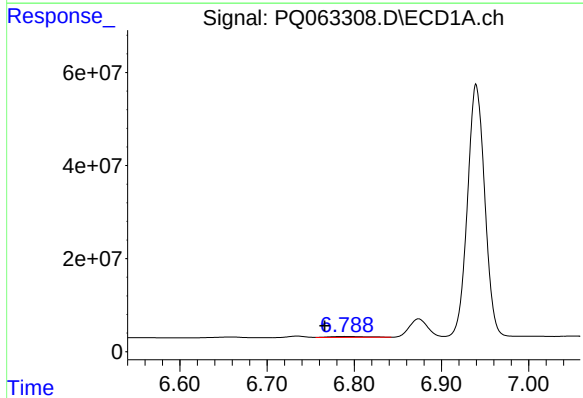
R.T.: 7.335 min
Delta R.T.: 0.037 min
Response: 9140357
Conc: 20.42 ng/ml

Instrument :
FID_C
ClientSampleId :



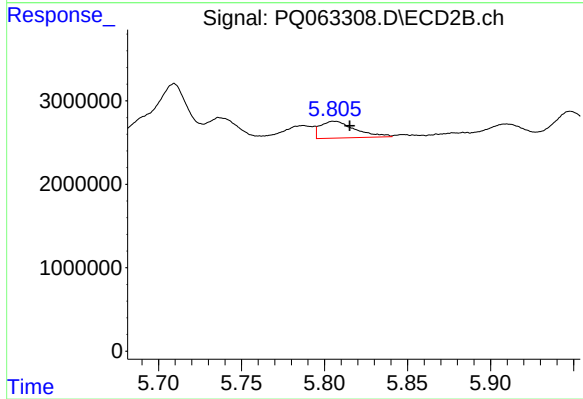
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: 0.007 min
Response: 3254925
Conc: 7.43 ng/ml



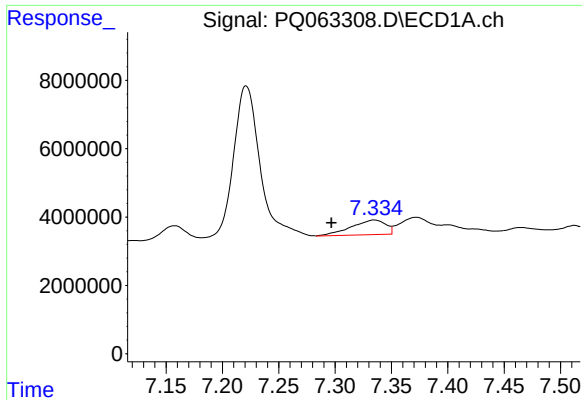
#36 AR-1262-1

R.T.: 6.789 min
Delta R.T.: 0.023 min
Response: 5958056
Conc: 19.14 ng/ml



#36 AR-1262-1

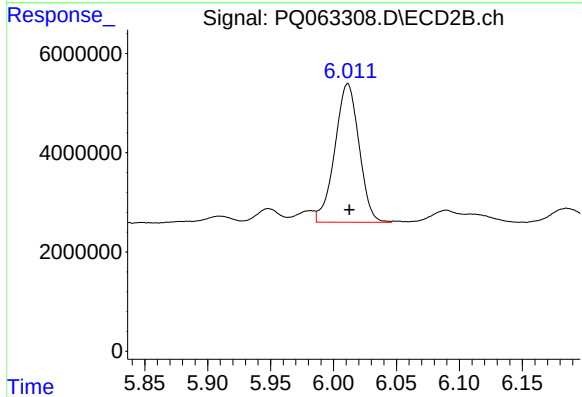
R.T.: 5.806 min
Delta R.T.: -0.010 min
Response: 2938423
Conc: 27.93 ng/ml



#37 AR-1262-2

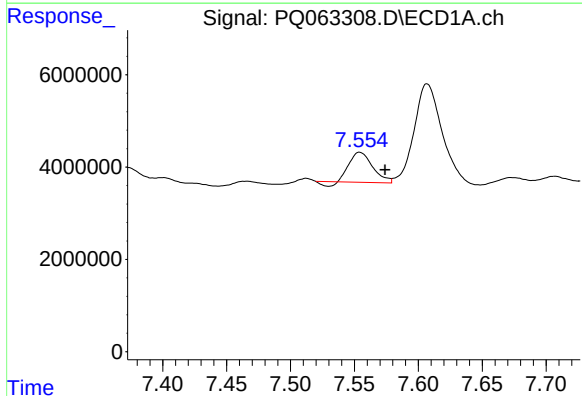
R.T.: 7.335 min
Delta R.T.: 0.038 min
Response: 9140357
Conc: 17.61 ng/ml

Instrument :
FID_C
ClientSampleId :



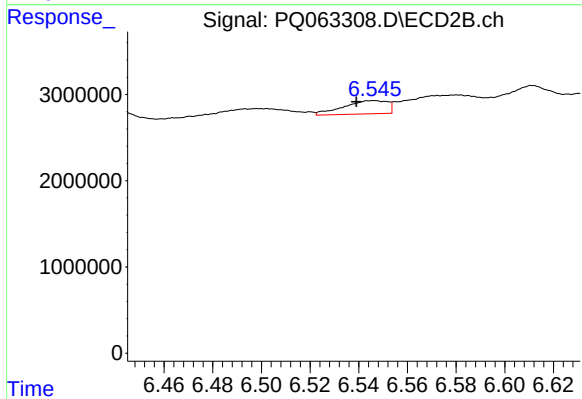
#37 AR-1262-2

R.T.: 6.011 min
Delta R.T.: -0.001 min
Response: 37386605
Conc: 161.03 ng/ml



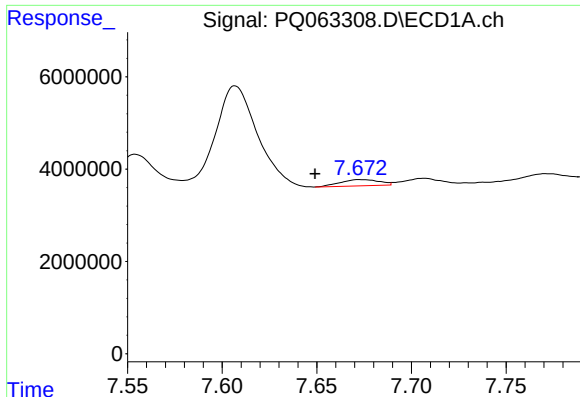
#38 AR-1262-3

R.T.: 7.554 min
Delta R.T.: -0.020 min
Response: 7835163
Conc: 22.63 ng/ml



#38 AR-1262-3

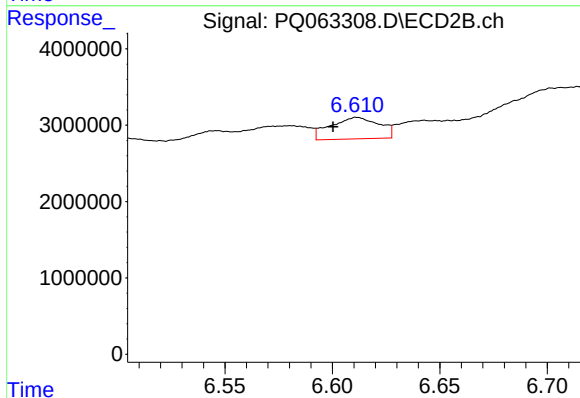
R.T.: 6.547 min
Delta R.T.: 0.008 min
Response: 1936097
Conc: 10.08 ng/ml



#39 AR-1262-4

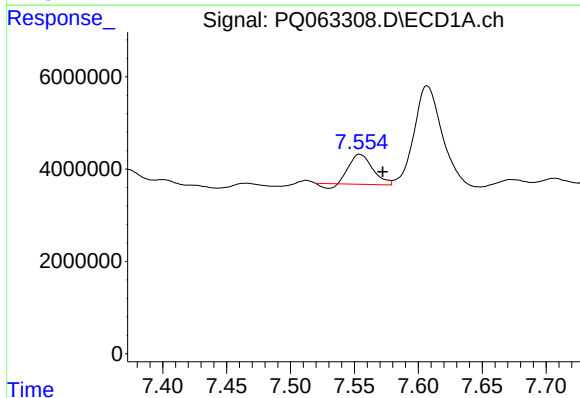
R.T.: 7.673 min
Delta R.T.: 0.024 min
Response: 1946578
Conc: 7.15 ng/ml

Instrument :
FID_C
ClientSampleId :



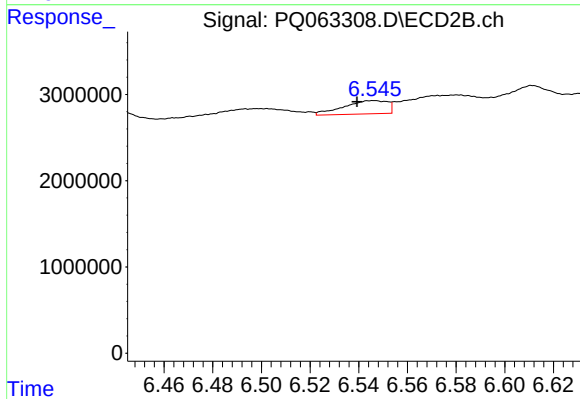
#39 AR-1262-4

R.T.: 6.611 min
Delta R.T.: 0.011 min
Response: 4426338
Conc: 12.66 ng/ml



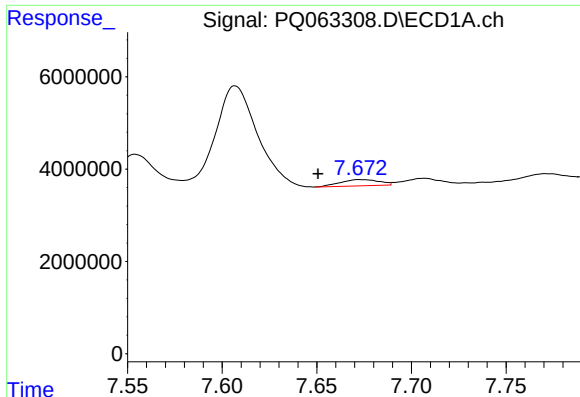
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: -0.018 min
Response: 7835163
Conc: 12.68 ng/ml



#41 AR-1268-1

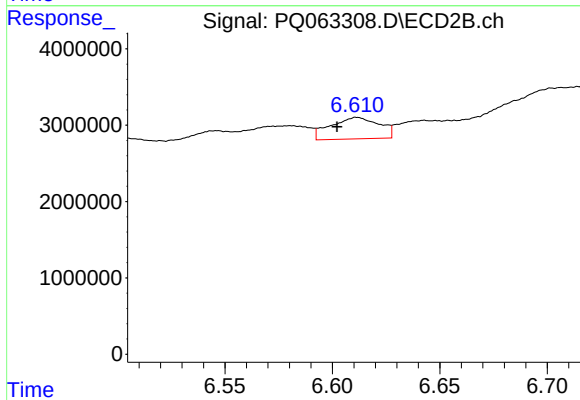
R.T.: 6.547 min
Delta R.T.: 0.007 min
Response: 1936097
Conc: 3.45 ng/ml



#42 AR-1268-2

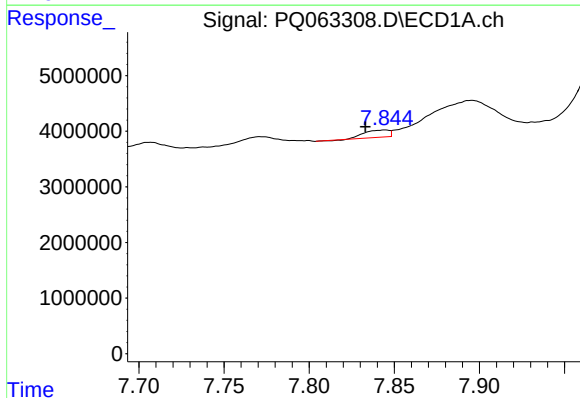
R.T.: 7.673 min
Delta R.T.: 0.022 min
Response: 1946578
Conc: 3.40 ng/ml

Instrument :
FID_C
ClientSampleId :



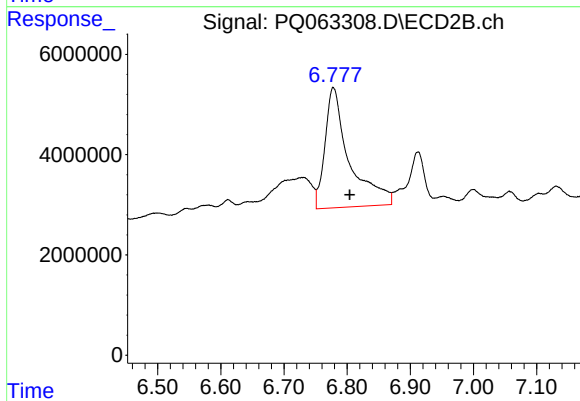
#42 AR-1268-2

R.T.: 6.611 min
Delta R.T.: 0.009 min
Response: 4426338
Conc: 8.90 ng/ml



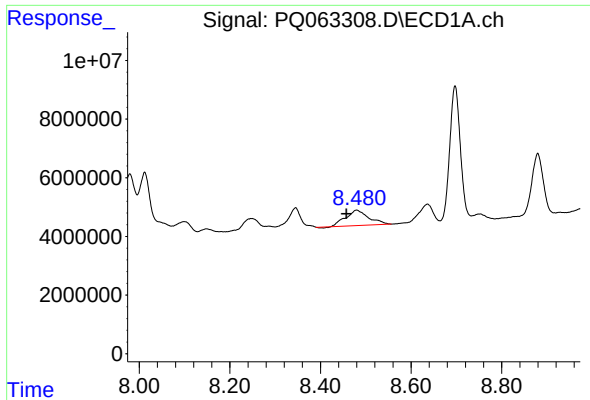
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: 0.011 min
Response: 1299279
Conc: 2.66 ng/ml



#43 AR-1268-3

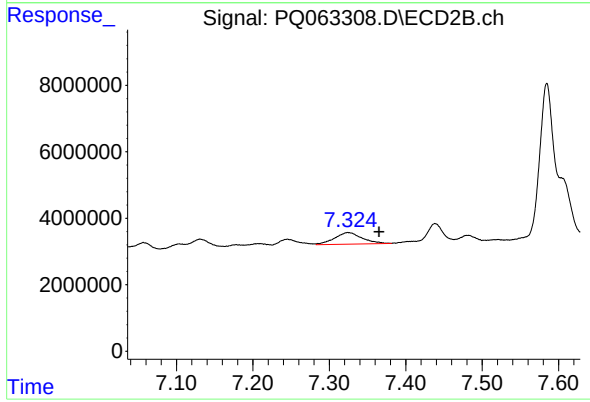
R.T.: 6.778 min
Delta R.T.: -0.026 min
Response: 64324448
Conc: 150.89 ng/ml



#45 AR-1268-5

R.T.: 8.480 min
Delta R.T.: 0.023 min
Response: 18304659
Conc: 12.82 ng/ml

Instrument :
FID_C
ClientSampleId :



#45 AR-1268-5

R.T.: 7.324 min
Delta R.T.: -0.041 min
Response: 8763655
Conc: 6.67 ng/ml