

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 21:17
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:49:31 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...	3.463	2.781	238.6E6	174.9E6	50.935	50.618
2)	SA Decachlor...	8.698	7.581	180.2E6	169.3E6	51.564	47.094
Target Compounds							
3)	L1 AR-1016-1	4.577	3.792	46945252	38017341	322.879	305.207
4)	L1 AR-1016-2	4.597	3.807	59449631	39171098	254.449	220.361
5)	L1 AR-1016-3	4.655	3.970	28785762	26270068	200.323	272.251 #
6)	L1 AR-1016-4	4.747	4.018	32537595	56118304	285.249	692.284 #
7)	L1 AR-1016-5	5.038	4.214	81284716	66697285	691.736	662.570
8)	L2 AR-1221-1	3.670	2.982	786002	630039	13.738	13.546
9)	L2 AR-1221-2	3.745	3.052	3391346	2277171	89.706	73.635
10)	L2 AR-1221-3	3.816	3.131	4316711	3526992	34.201	33.104
11)	L3 AR-1232-1	3.816	3.131	4316711	3526992	41.453	40.564
12)	L3 AR-1232-2	4.317	3.807	21941028	39171098	344.944	484.380 #
13)	L3 AR-1232-3	4.597	3.970	59449631	26270068	567.297	619.291
14)	L3 AR-1232-4	4.747	4.055	32537595	54077758	654.755	1474.807 #
15)	L3 AR-1232-5	4.846	4.214	67740645	66697285	1783.506	1546.140
16)	L4 AR-1242-1	4.577	3.792	46945252	38017341	355.986	348.409
17)	L4 AR-1242-2	4.597	3.807	59449631	39171098	287.291	252.034
18)	L4 AR-1242-3	4.655	3.970	28785762	26270068	227.061	313.197 #
19)	L4 AR-1242-4	4.747	4.055	32537595	54077758	315.469	674.830 #
20)	L4 AR-1242-5	5.470	4.554	87057530	92675517	796.070	885.550
21)	L5 AR-1248-1	4.577	3.792	46945252	38017341	477.714	473.761
22)	L5 AR-1248-2	4.846	4.018	67740645	56118304	473.641	468.708
23)	L5 AR-1248-3	5.038	4.055	81284716	54077758	472.508	471.680
24)	L5 AR-1248-4	5.435	4.214	88796126	66697285	464.438	473.020
25)	L5 AR-1248-5	5.470	4.591	87057530	65690427	467.956	475.393
26)	L6 AR-1254-1	5.407	4.554	71075126	92675517	353.417	439.530
27)	L6 AR-1254-2	5.623	4.700	89757480	28796457	294.382	155.587 #
28)	L6 AR-1254-3	5.981	5.084	51114805	43837230	155.818	153.209
29)	L6 AR-1254-4	6.268	5.312	34571670	30082360	142.736	162.491
30)	L6 AR-1254-5	6.683	5.719	8225234	9555089	32.028	36.983
31)	L7 AR-1260-1	6.149	5.218	6948783	22818116	28.888	113.004 #
32)	L7 AR-1260-2	6.409	5.404	4718222	4535966	16.653	18.537
33)	L7 AR-1260-3	6.761	5.542	516805	5415345	2.542	22.900 #
34)	L7 AR-1260-4	6.962	6.012	4617448	548616	19.370	2.873 #
35)	L7 AR-1260-5	7.295	6.256	1624818	1810077	3.629	4.133
36)	L8 AR-1262-1	6.761	5.818	516805	619140	1.660	5.885 #
37)	L8 AR-1262-2	7.295	6.012	1624818	548616	3.130	2.363
38)	L8 AR-1262-3	7.576	6.551	874783	3757391	2.527	19.562 #
39)	L8 AR-1262-4	7.655	6.596	217353	2387868	0.798	6.828 #
40)	L8 AR-1262-5	8.156	7.091	715942	148454	4.174	0.896 #
41)	L9 AR-1268-1	7.576	6.551	874783	3757391	1.416	6.701 #

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 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

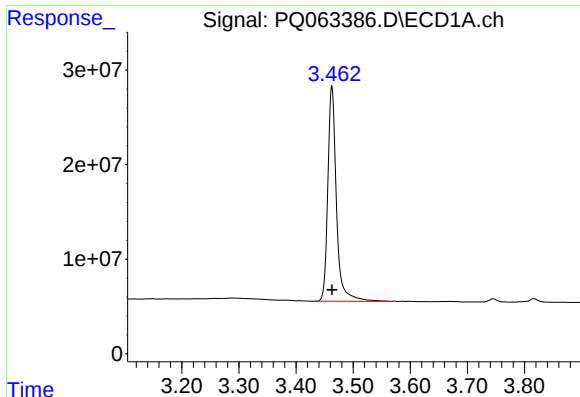
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:49:31 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
42) L9	AR-1268-2	7.655	6.596	217353	2387868	0.380	4.801 #
43) L9	AR-1268-3	7.835	6.802	580605	1864371	1.191	4.373 #
44) L9	AR-1268-4	8.156	7.091	715942	148454	3.721	0.802 #
45) L9	AR-1268-5	8.455	7.362	2018923	2726914	1.414	2.074 #

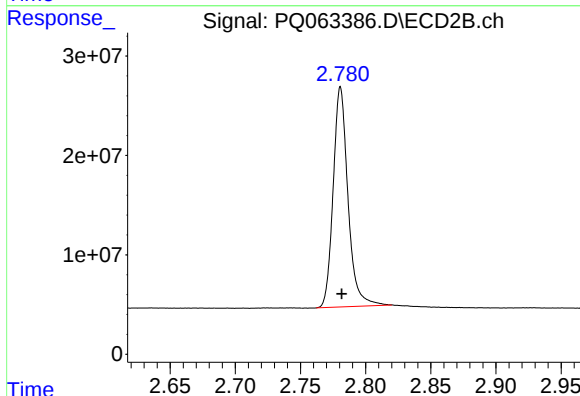
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

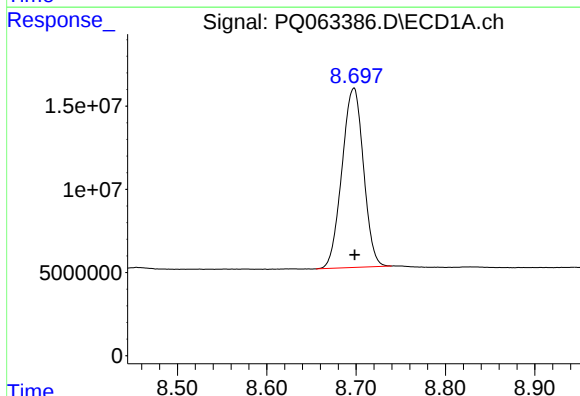
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 238557838
Conc: 50.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



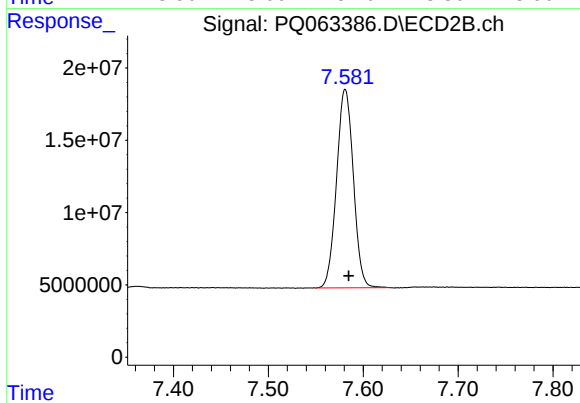
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 174934133
Conc: 50.62 ng/ml



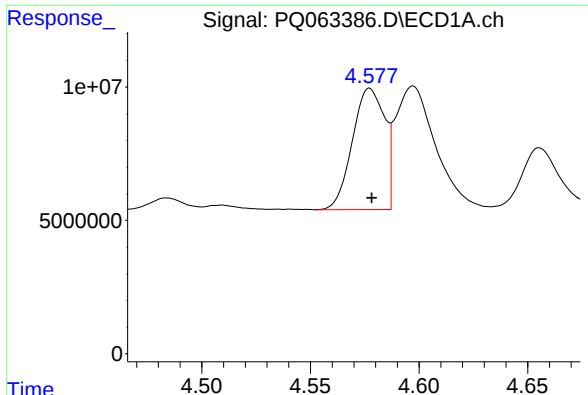
#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: -0.001 min
Response: 180192344
Conc: 51.56 ng/ml



#2 Decachlorobiphenyl

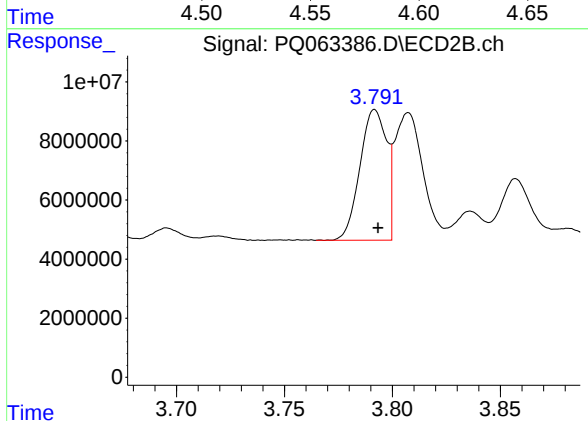
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 169290854
Conc: 47.09 ng/ml



#3 AR-1016-1

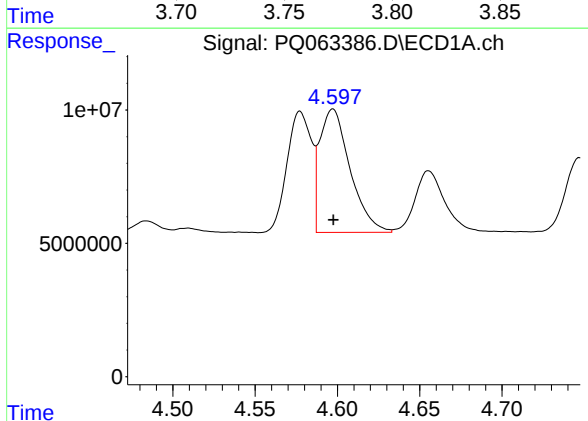
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 46945252
Conc: 322.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



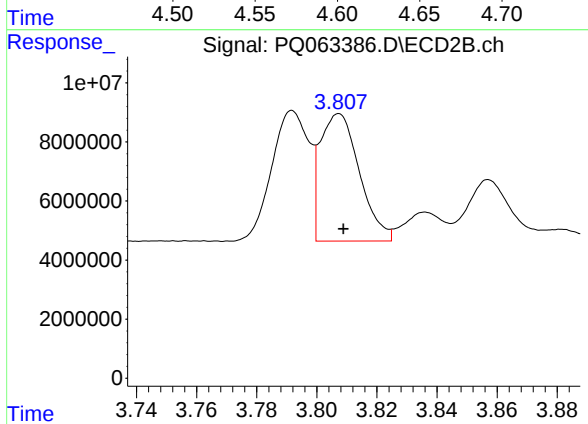
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 38017341
Conc: 305.21 ng/ml



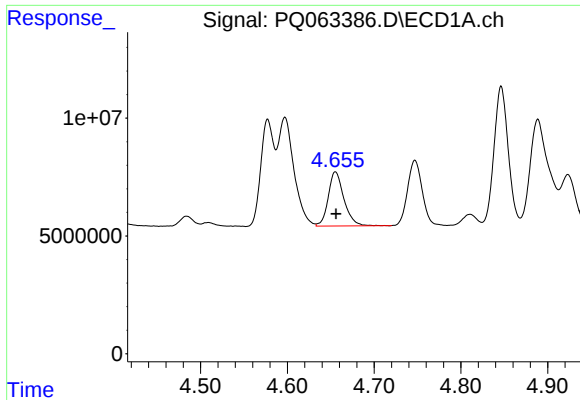
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 59449631
Conc: 254.45 ng/ml



#4 AR-1016-2

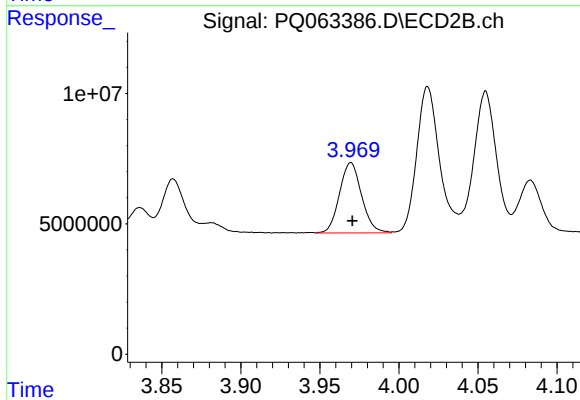
R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 39171098
Conc: 220.36 ng/ml



#5 AR-1016-3

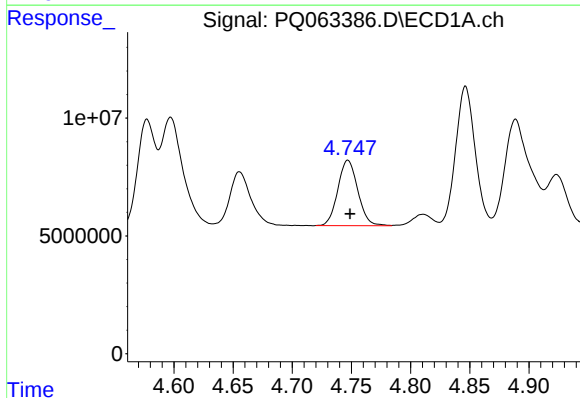
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 28785762
Conc: 200.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



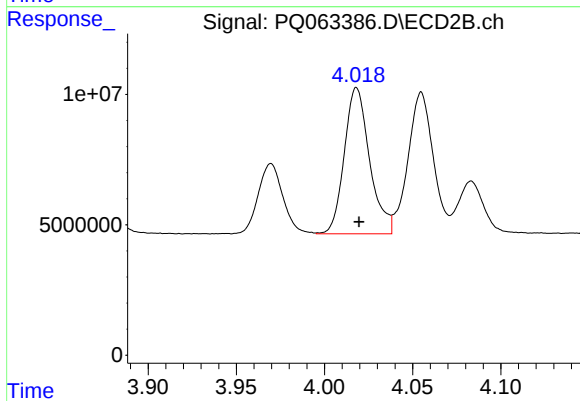
#5 AR-1016-3

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 26270068
Conc: 272.25 ng/ml



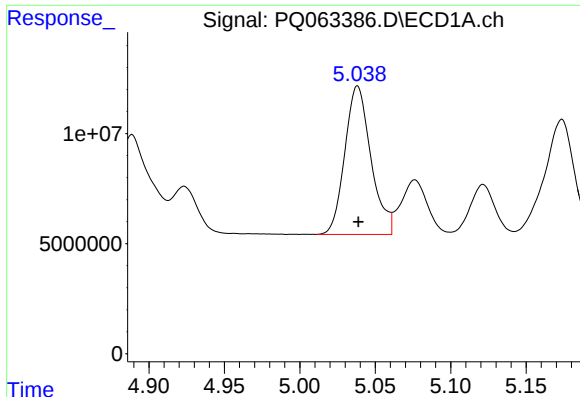
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 32537595
Conc: 285.25 ng/ml



#6 AR-1016-4

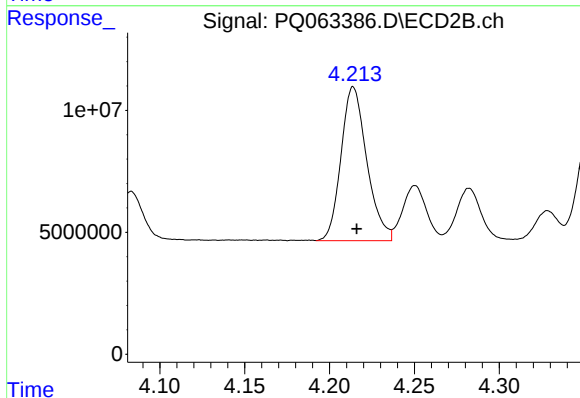
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 56118304
Conc: 692.28 ng/ml



#7 AR-1016-5

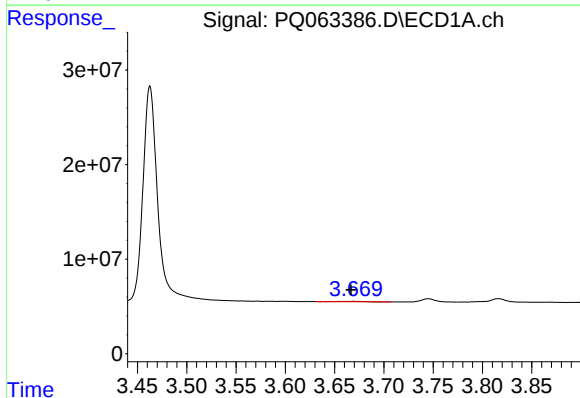
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 81284716
Conc: 691.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



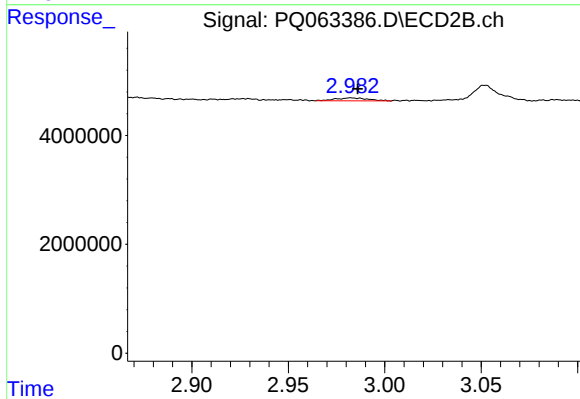
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 66697285
Conc: 662.57 ng/ml



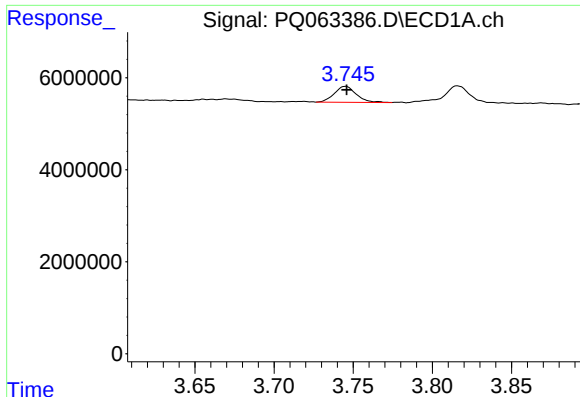
#8 AR-1221-1

R.T.: 3.670 min
Delta R.T.: 0.003 min
Response: 786002
Conc: 13.74 ng/ml



#8 AR-1221-1

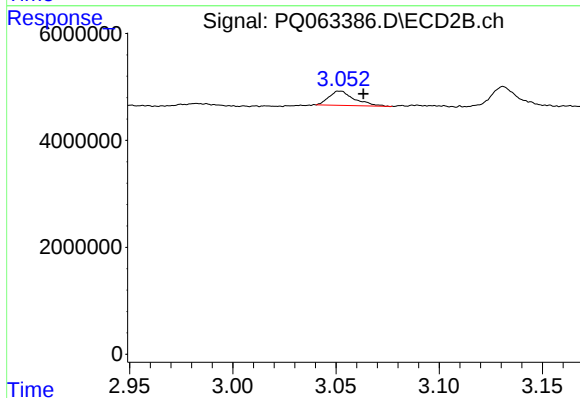
R.T.: 2.982 min
Delta R.T.: -0.004 min
Response: 630039
Conc: 13.55 ng/ml



#9 AR-1221-2

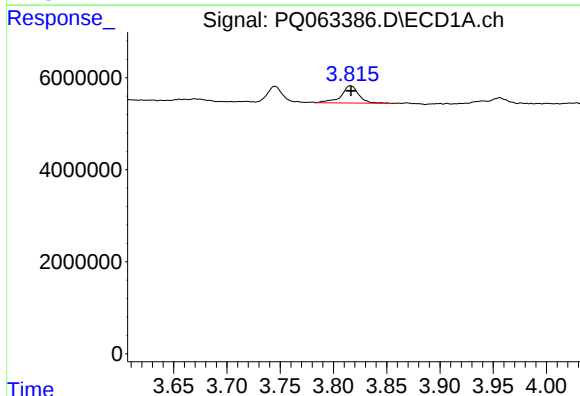
R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 3391346
Conc: 89.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



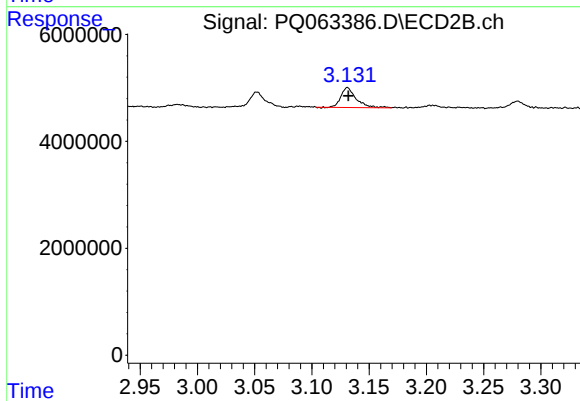
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 2277171
Conc: 73.64 ng/ml



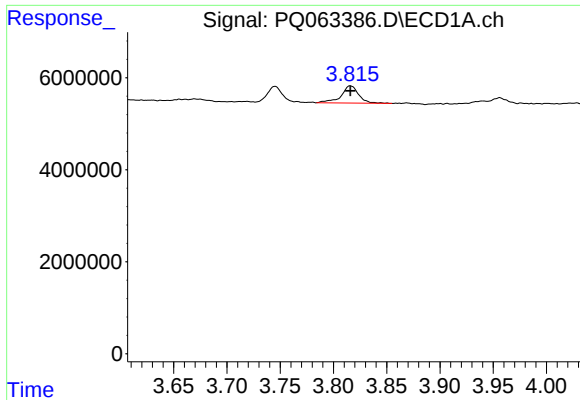
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 4316711
Conc: 34.20 ng/ml



#10 AR-1221-3

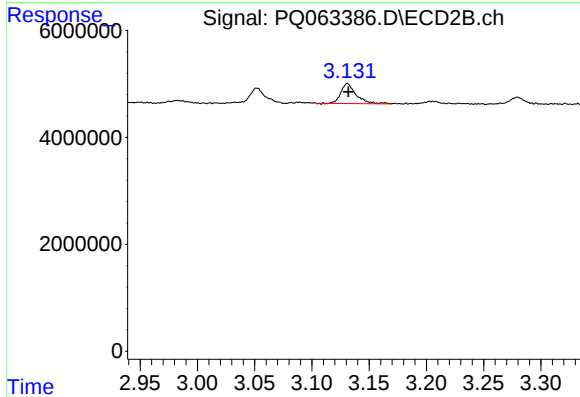
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 3526992
Conc: 33.10 ng/ml



#11 AR-1232-1

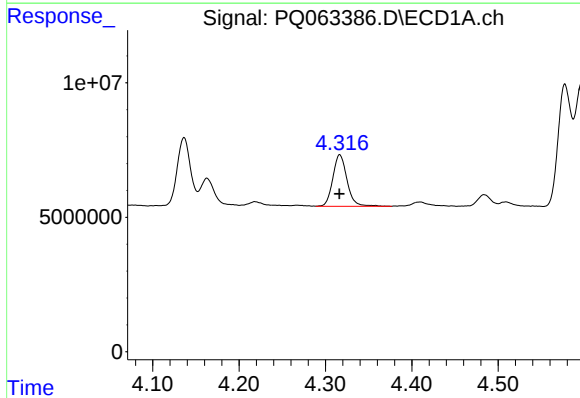
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 4316711
Conc: 41.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



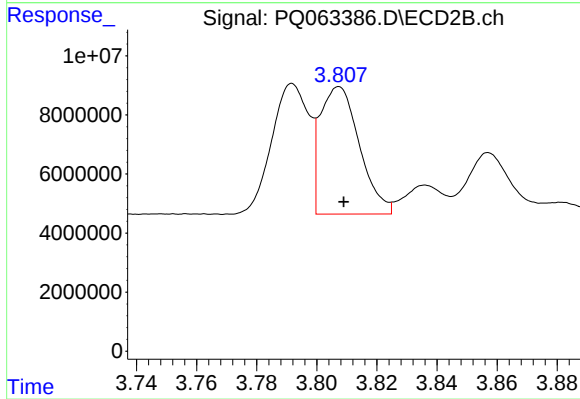
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 3526992
Conc: 40.56 ng/ml



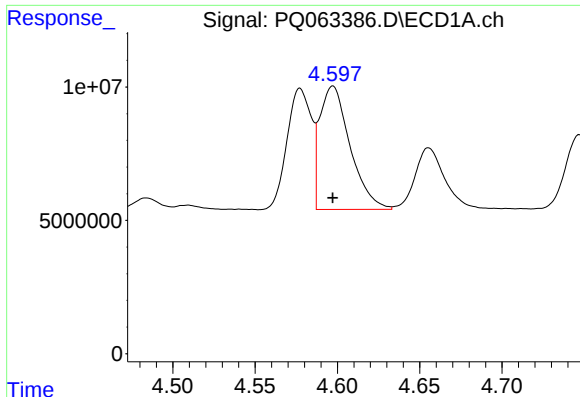
#12 AR-1232-2

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 21941028
Conc: 344.94 ng/ml



#12 AR-1232-2

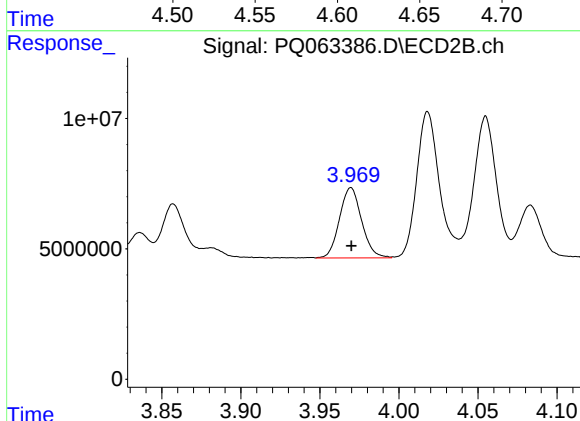
R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 39171098
Conc: 484.38 ng/ml



#13 AR-1232-3

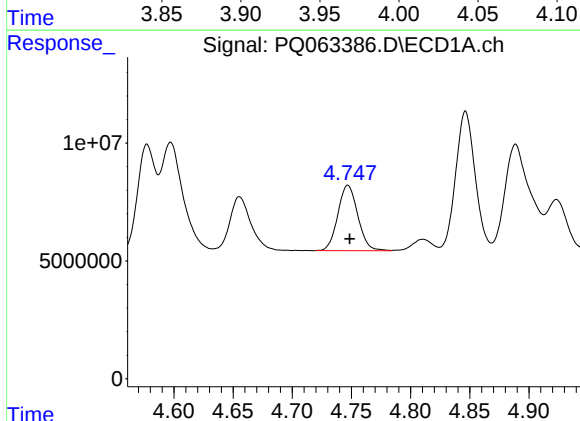
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 59449631
Conc: 567.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



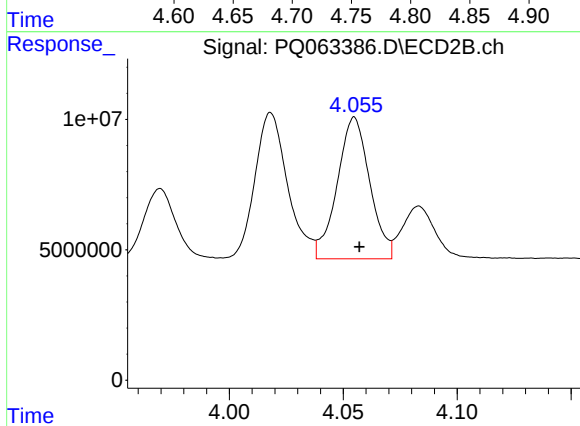
#13 AR-1232-3

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 26270068
Conc: 619.29 ng/ml



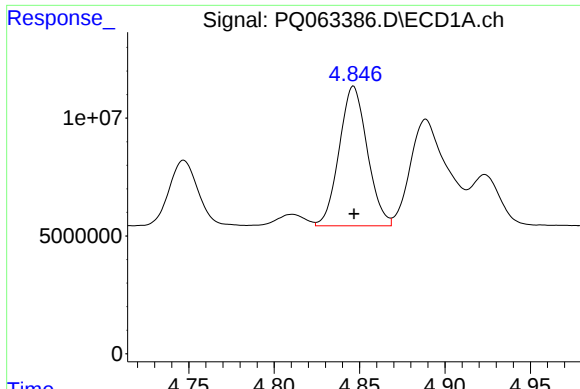
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 32537595
Conc: 654.75 ng/ml



#14 AR-1232-4

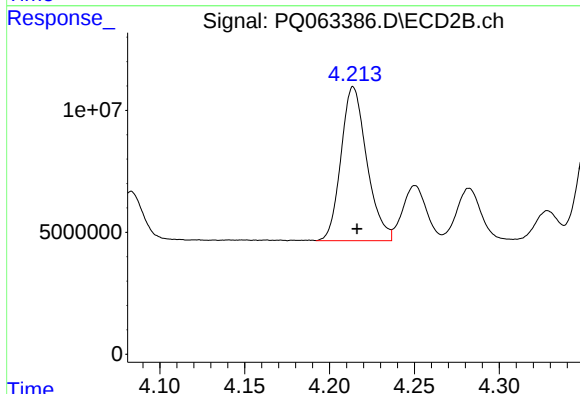
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 54077758
Conc: 1474.81 ng/ml



#15 AR-1232-5

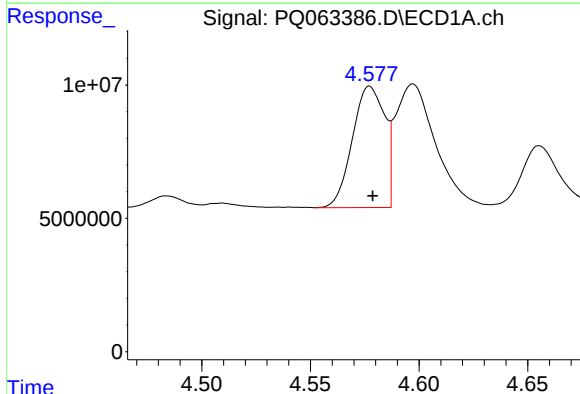
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 67740645
Conc: 1783.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



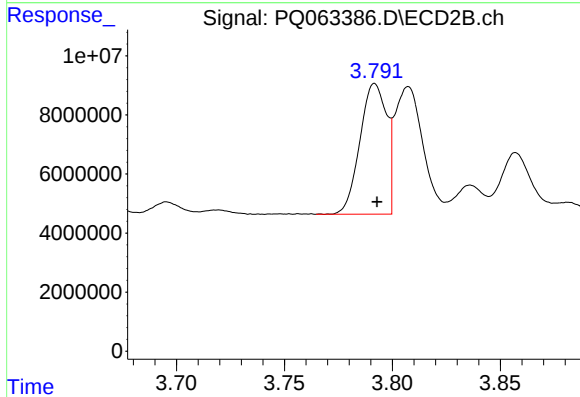
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 66697285
Conc: 1546.14 ng/ml



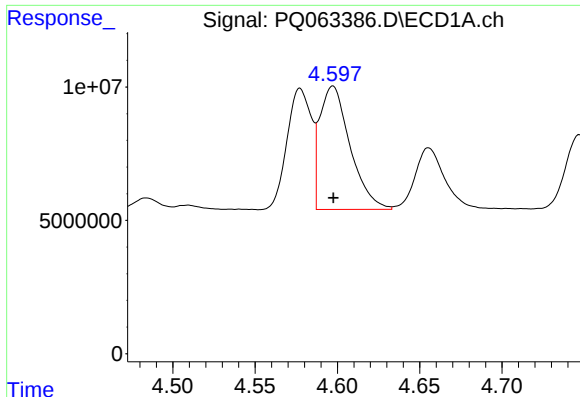
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: -0.001 min
Response: 46945252
Conc: 355.99 ng/ml



#16 AR-1242-1

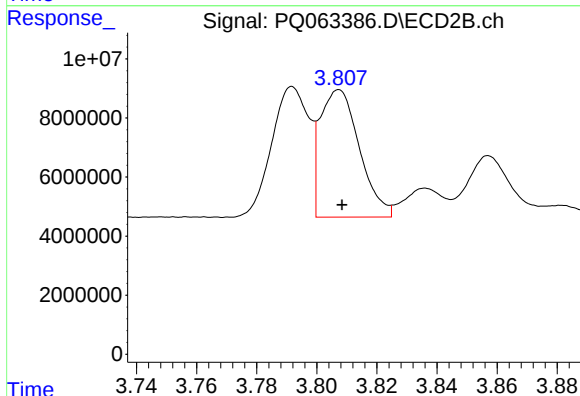
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 38017341
Conc: 348.41 ng/ml



#17 AR-1242-2

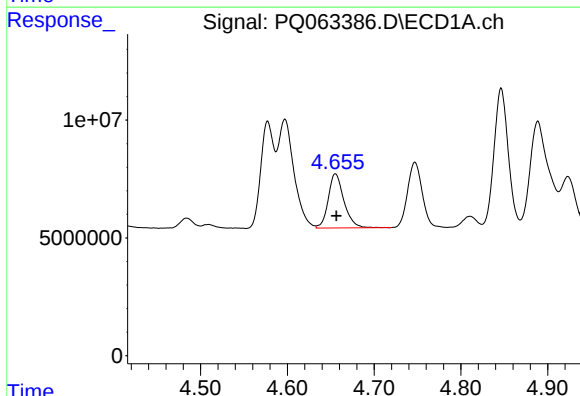
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 59449631
Conc: 287.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



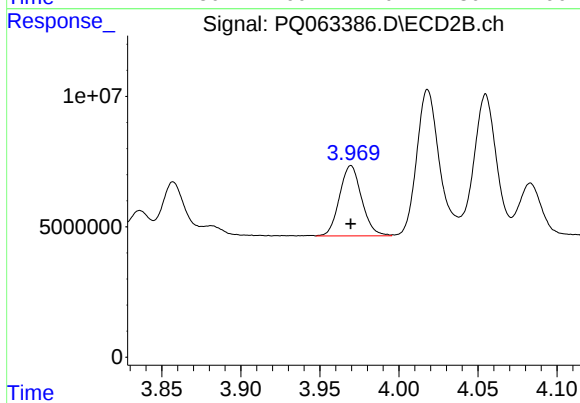
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 39171098
Conc: 252.03 ng/ml



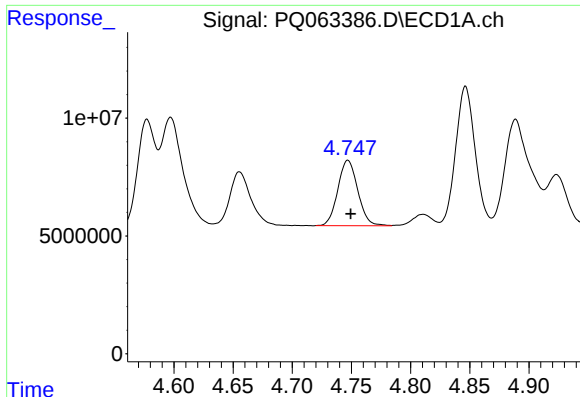
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 28785762
Conc: 227.06 ng/ml



#18 AR-1242-3

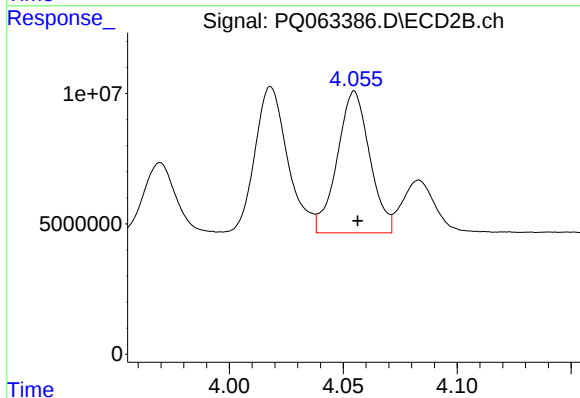
R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 26270068
Conc: 313.20 ng/ml



#19 AR-1242-4

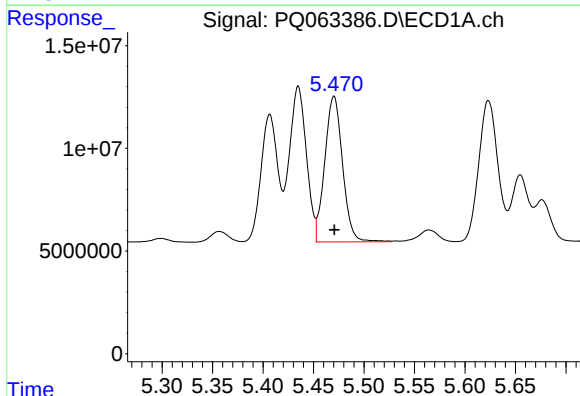
R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 32537595
Conc: 315.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



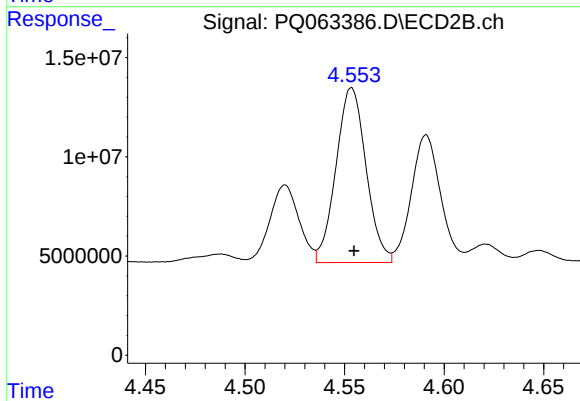
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 54077758
Conc: 674.83 ng/ml



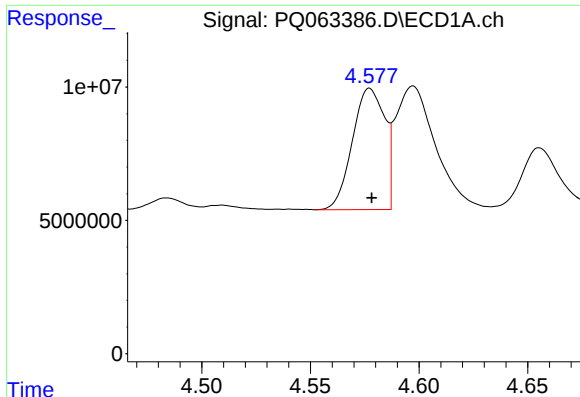
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 87057530
Conc: 796.07 ng/ml



#20 AR-1242-5

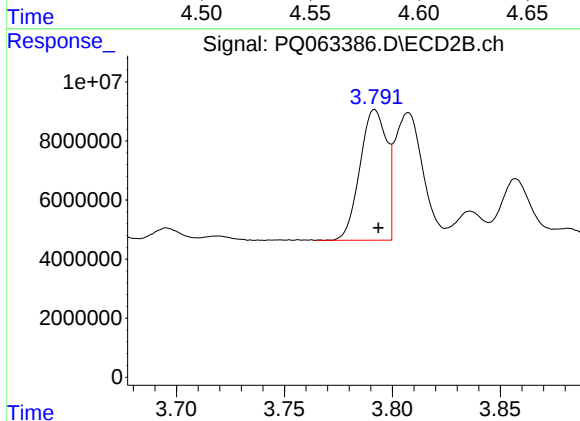
R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 92675517
Conc: 885.55 ng/ml



#21 AR-1248-1

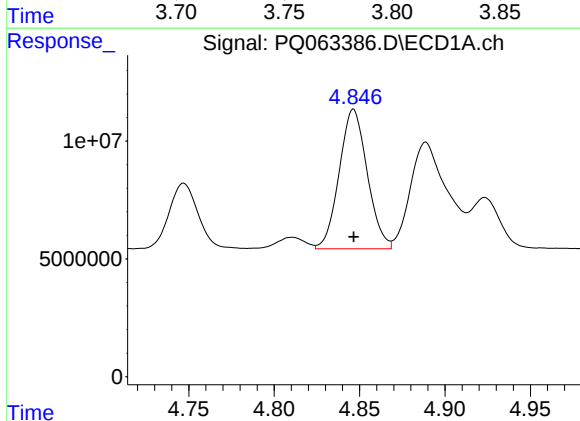
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 46945252
Conc: 477.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



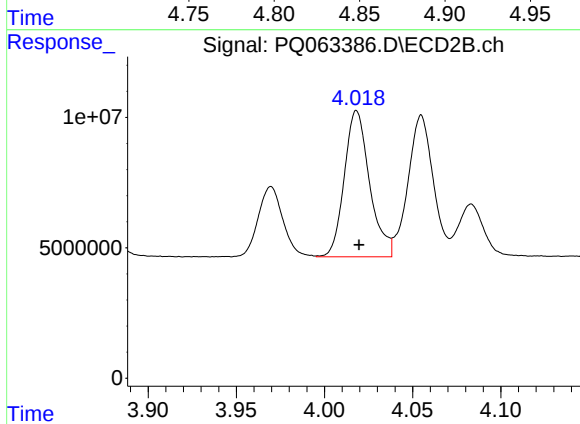
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 38017341
Conc: 473.76 ng/ml



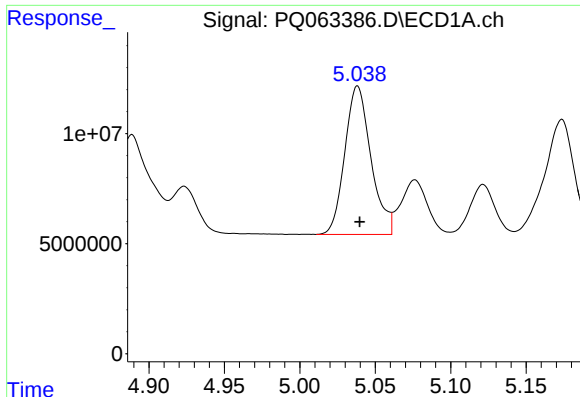
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 67740645
Conc: 473.64 ng/ml



#22 AR-1248-2

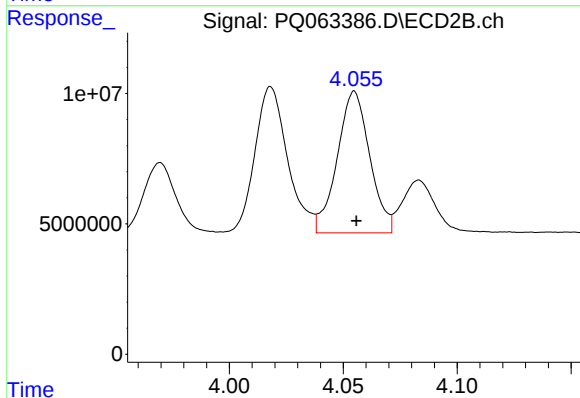
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 56118304
Conc: 468.71 ng/ml



#23 AR-1248-3

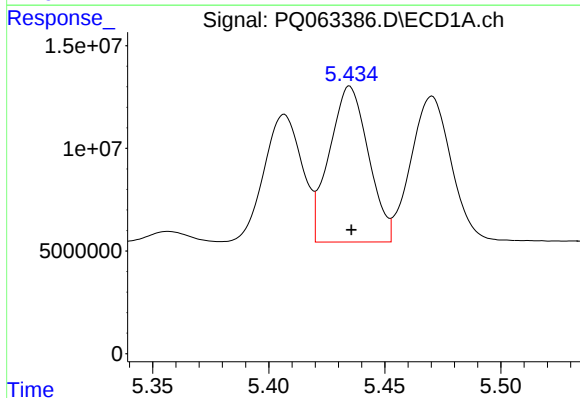
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 81284716
Conc: 472.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



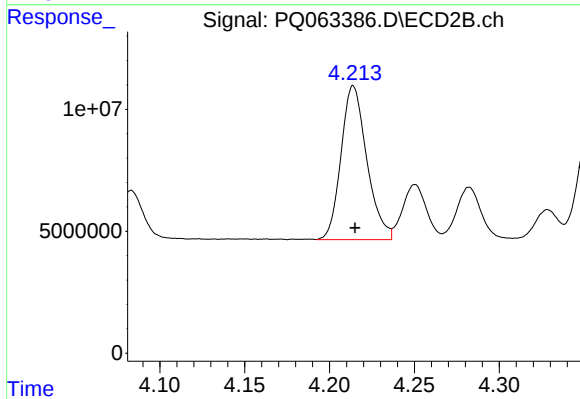
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 54077758
Conc: 471.68 ng/ml



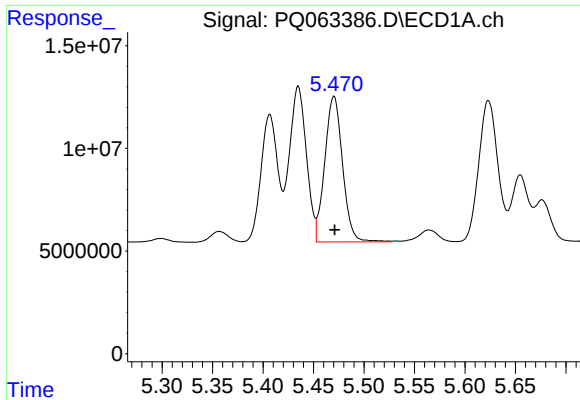
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 88796126
Conc: 464.44 ng/ml



#24 AR-1248-4

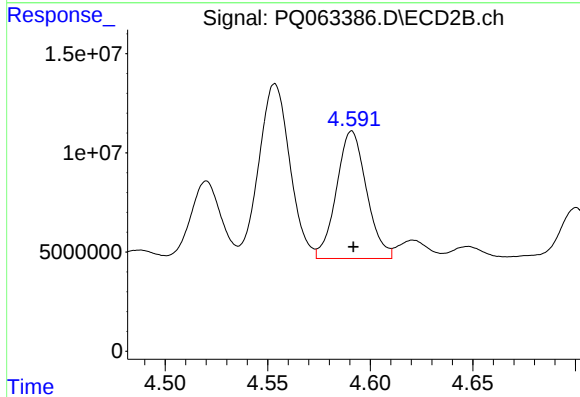
R.T.: 4.214 min
Delta R.T.: -0.001 min
Response: 66697285
Conc: 473.02 ng/ml



#25 AR-1248-5

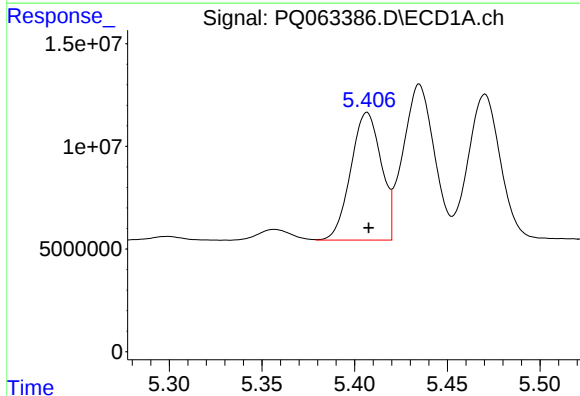
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 87057530
Conc: 467.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



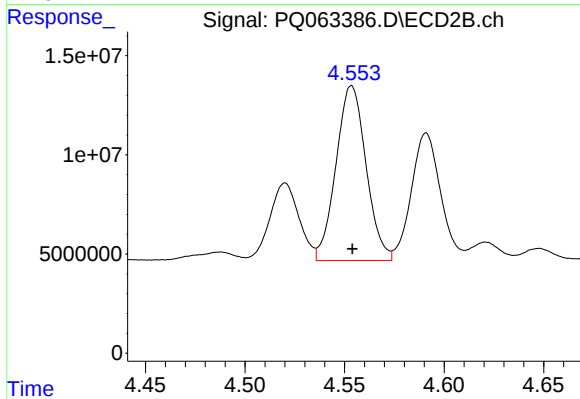
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 65690427
Conc: 475.39 ng/ml



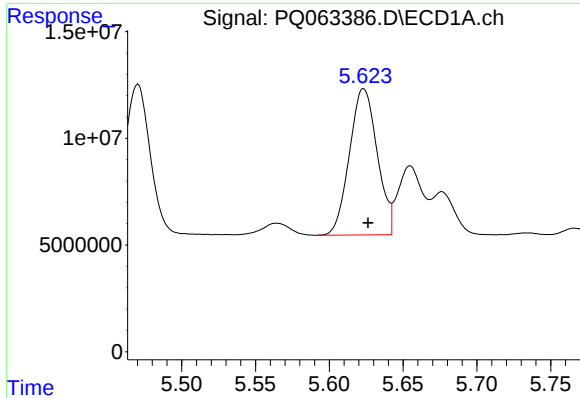
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 71075126
Conc: 353.42 ng/ml



#26 AR-1254-1

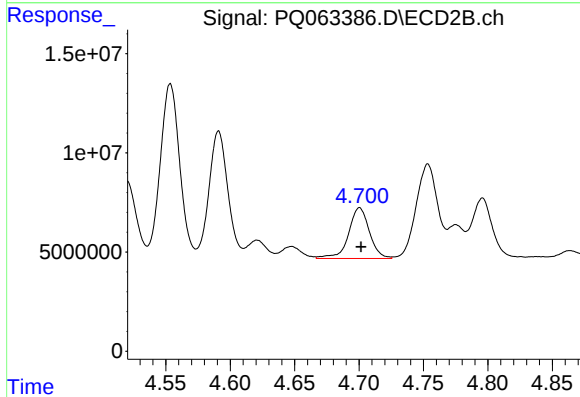
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 92675517
Conc: 439.53 ng/ml



#27 AR-1254-2

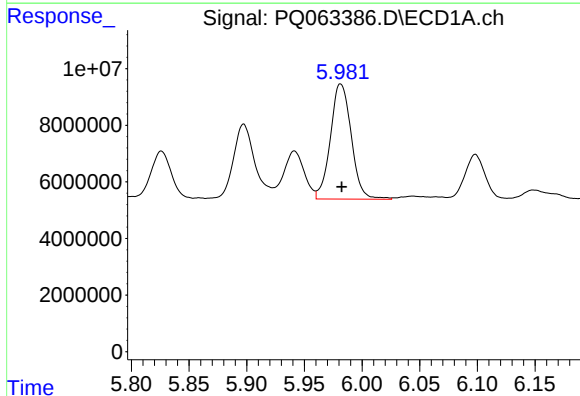
R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 89757480
Conc: 294.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



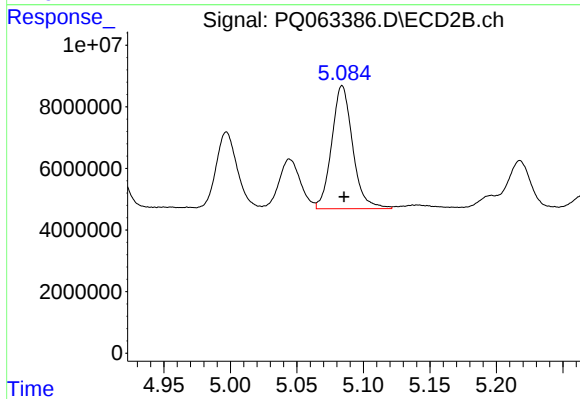
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: -0.001 min
Response: 28796457
Conc: 155.59 ng/ml



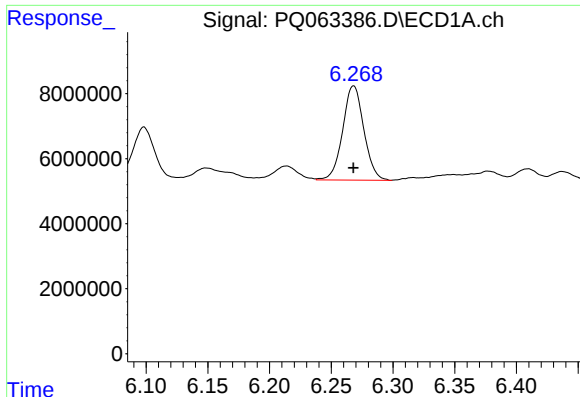
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 51114805
Conc: 155.82 ng/ml



#28 AR-1254-3

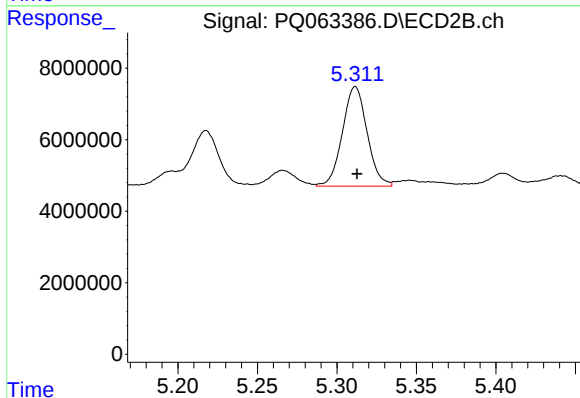
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 43837230
Conc: 153.21 ng/ml



#29 AR-1254-4

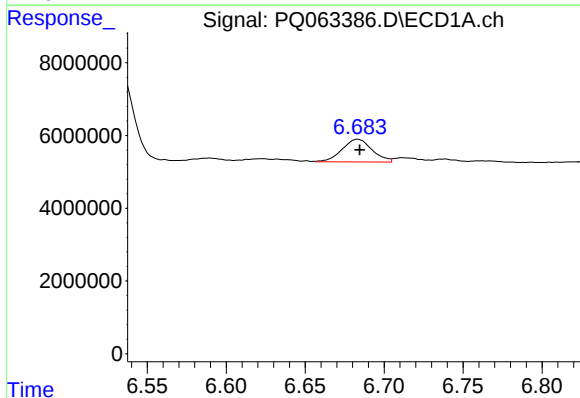
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 34571670
Conc: 142.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



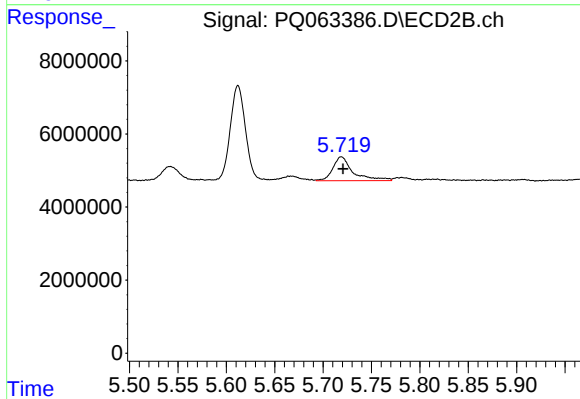
#29 AR-1254-4

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 30082360
Conc: 162.49 ng/ml



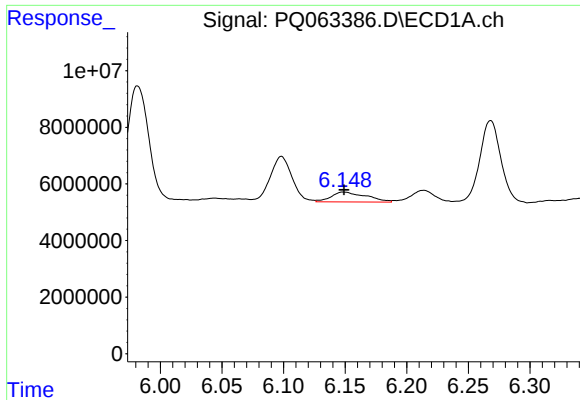
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 8225234
Conc: 32.03 ng/ml



#30 AR-1254-5

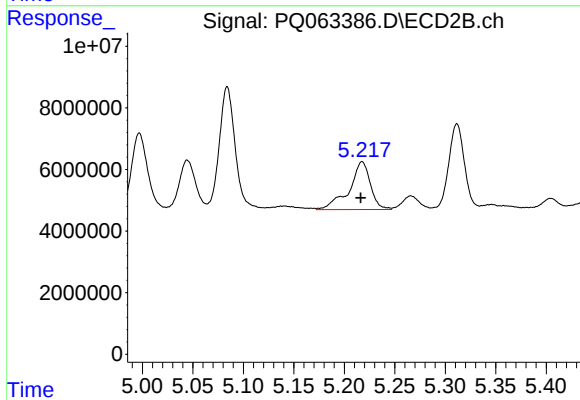
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 9555089
Conc: 36.98 ng/ml



#31 AR-1260-1

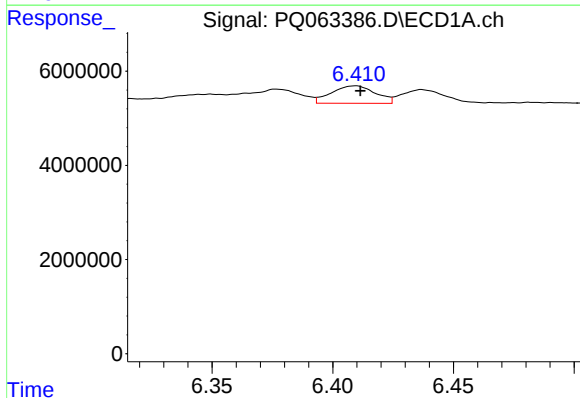
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 6948783
Conc: 28.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



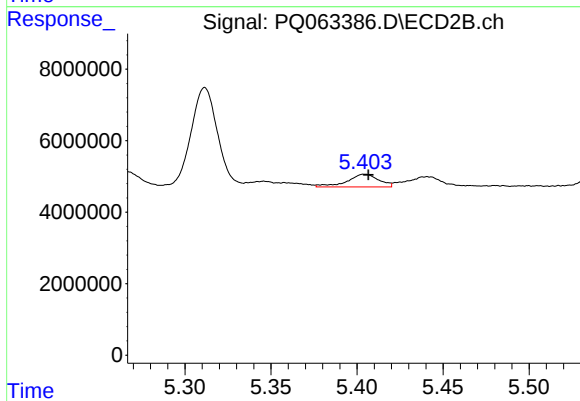
#31 AR-1260-1

R.T.: 5.218 min
Delta R.T.: 0.001 min
Response: 22818116
Conc: 113.00 ng/ml



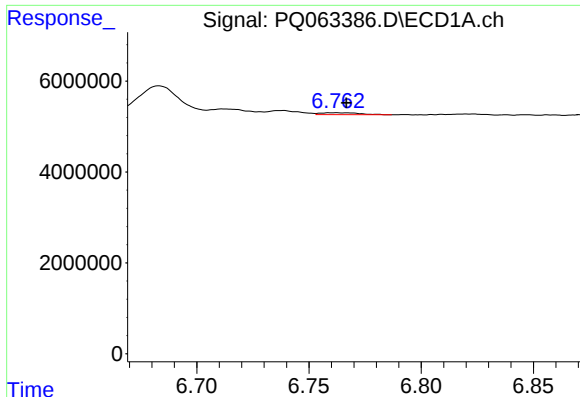
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 4718222
Conc: 16.65 ng/ml



#32 AR-1260-2

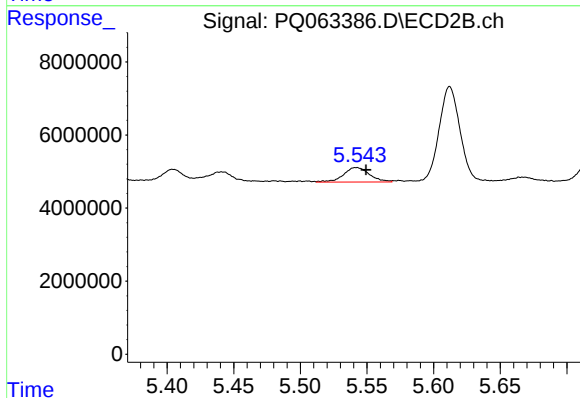
R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 4535966
Conc: 18.54 ng/ml



#33 AR-1260-3

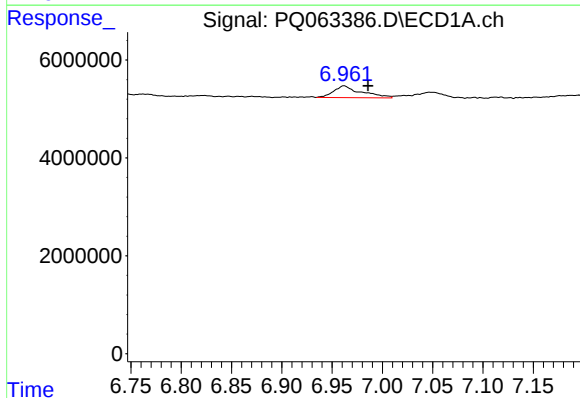
R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 516805
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



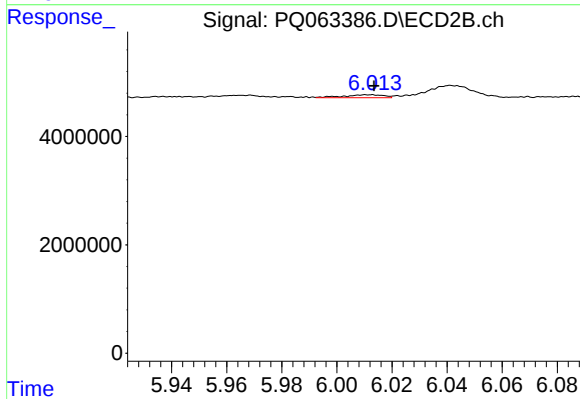
#33 AR-1260-3

R.T.: 5.542 min
Delta R.T.: -0.007 min
Response: 5415345
Conc: 22.90 ng/ml



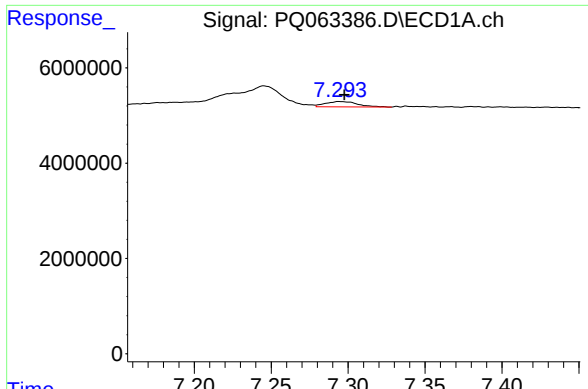
#34 AR-1260-4

R.T.: 6.962 min
Delta R.T.: -0.024 min
Response: 4617448
Conc: 19.37 ng/ml



#34 AR-1260-4

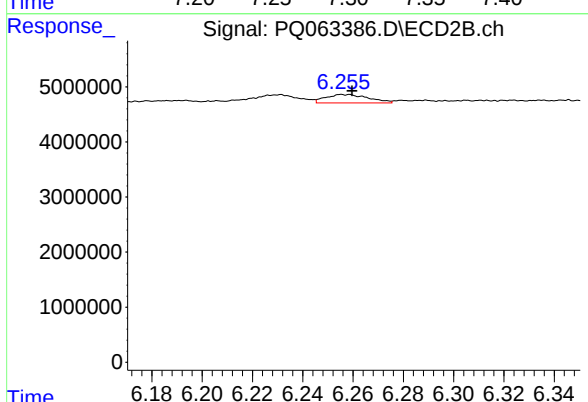
R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 548616
Conc: 2.87 ng/ml



#35 AR-1260-5

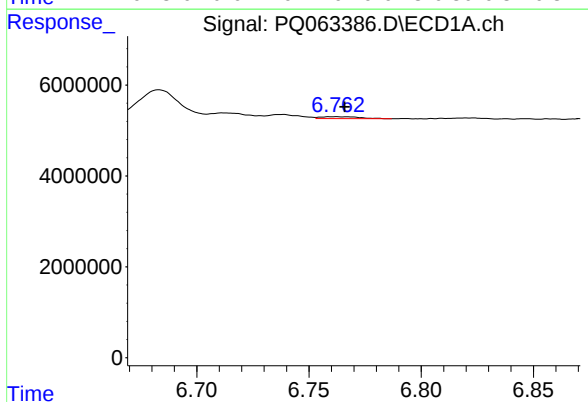
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 1624818
Conc: 3.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



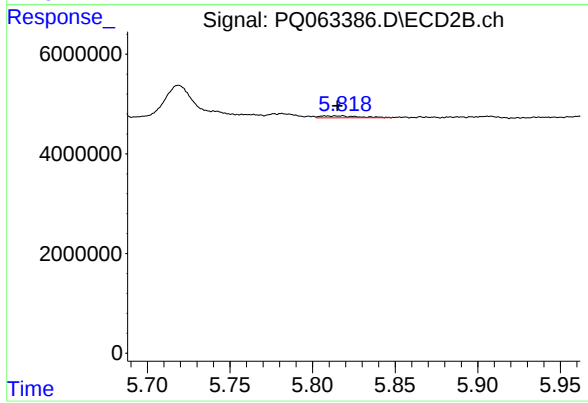
#35 AR-1260-5

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 1810077
Conc: 4.13 ng/ml



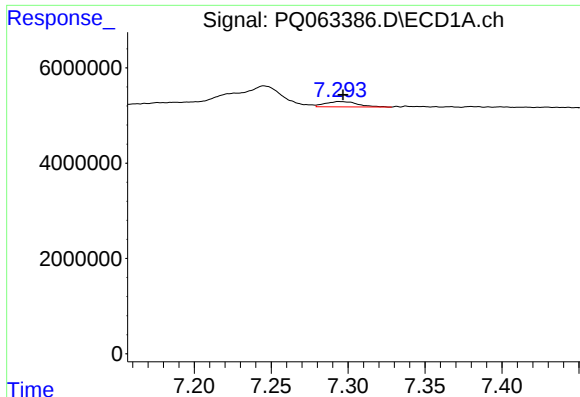
#36 AR-1262-1

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 516805
Conc: 1.66 ng/ml



#36 AR-1262-1

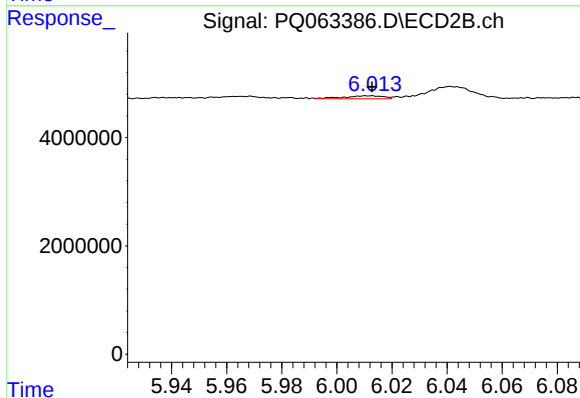
R.T.: 5.818 min
Delta R.T.: 0.003 min
Response: 619140
Conc: 5.89 ng/ml



#37 AR-1262-2

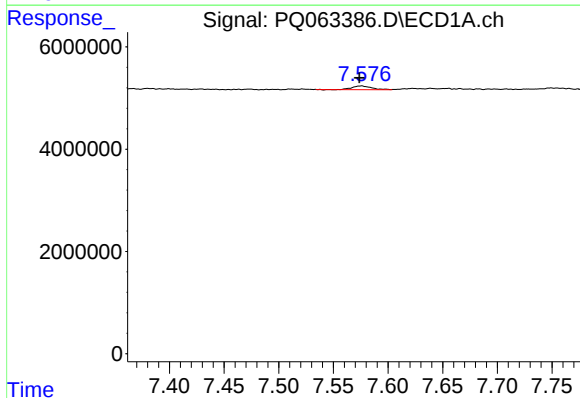
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 1624818
Conc: 3.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



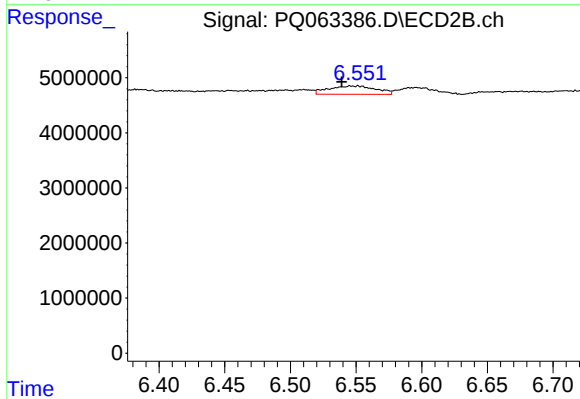
#37 AR-1262-2

R.T.: 6.012 min
Delta R.T.: -0.001 min
Response: 548616
Conc: 2.36 ng/ml



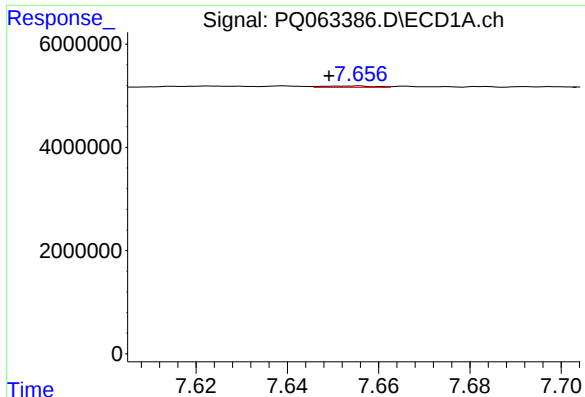
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 874783
Conc: 2.53 ng/ml



#38 AR-1262-3

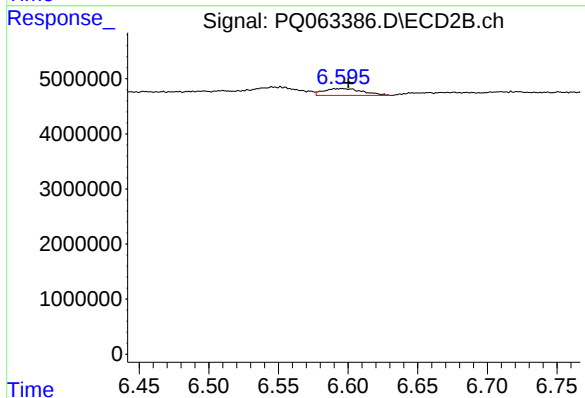
R.T.: 6.551 min
Delta R.T.: 0.012 min
Response: 3757391
Conc: 19.56 ng/ml



#39 AR-1262-4

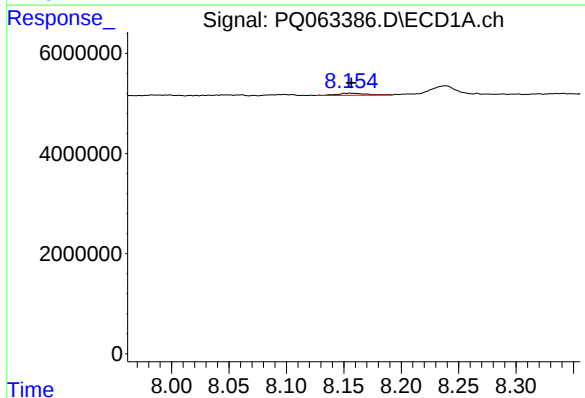
R.T.: 7.655 min
Delta R.T.: 0.006 min
Response: 217353
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



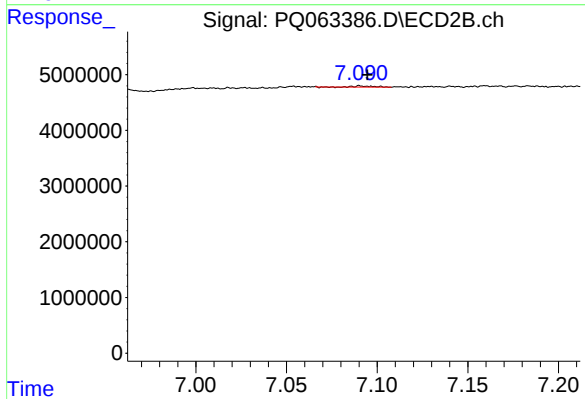
#39 AR-1262-4

R.T.: 6.596 min
Delta R.T.: -0.005 min
Response: 2387868
Conc: 6.83 ng/ml



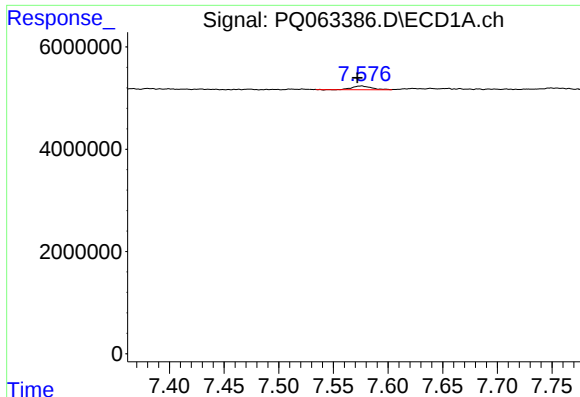
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 715942
Conc: 4.17 ng/ml



#40 AR-1262-5

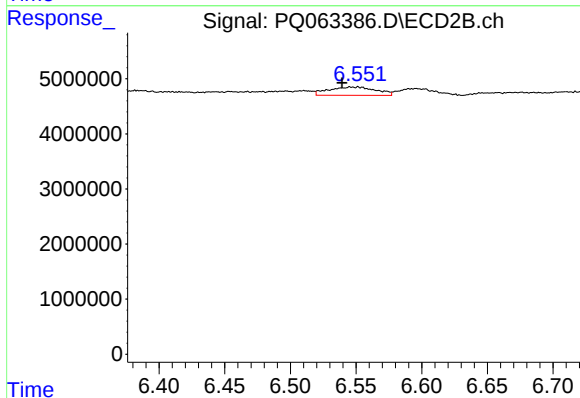
R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 148454
Conc: 0.90 ng/ml



#41 AR-1268-1

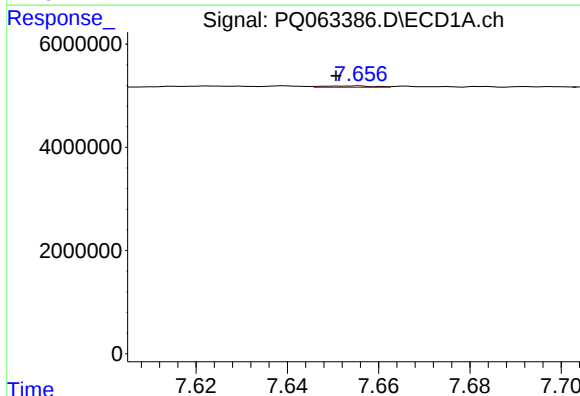
R.T.: 7.576 min
Delta R.T.: 0.003 min
Response: 874783
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



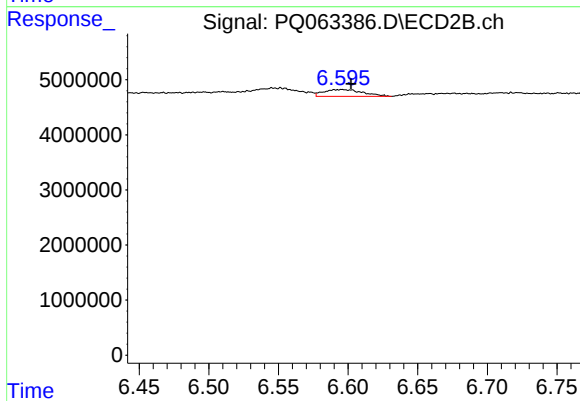
#41 AR-1268-1

R.T.: 6.551 min
Delta R.T.: 0.012 min
Response: 3757391
Conc: 6.70 ng/ml



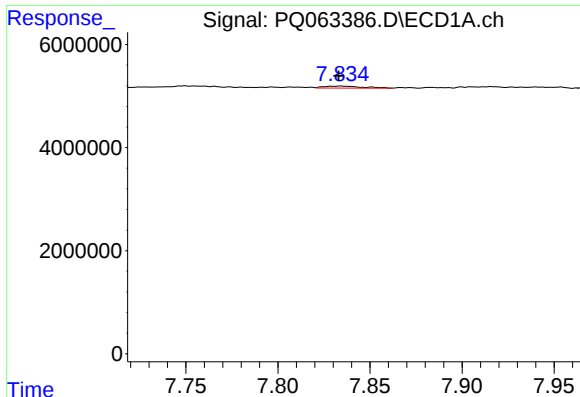
#42 AR-1268-2

R.T.: 7.655 min
Delta R.T.: 0.004 min
Response: 217353
Conc: 0.38 ng/ml



#42 AR-1268-2

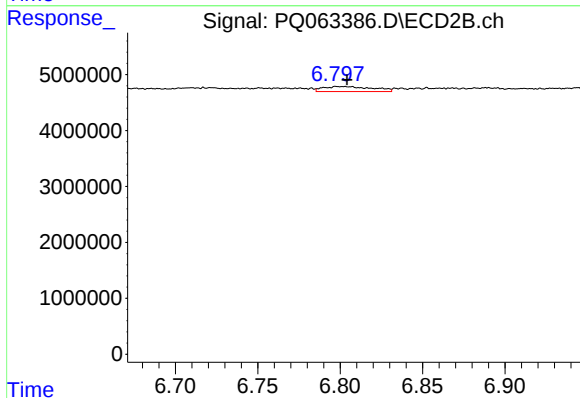
R.T.: 6.596 min
Delta R.T.: -0.006 min
Response: 2387868
Conc: 4.80 ng/ml



#43 AR-1268-3

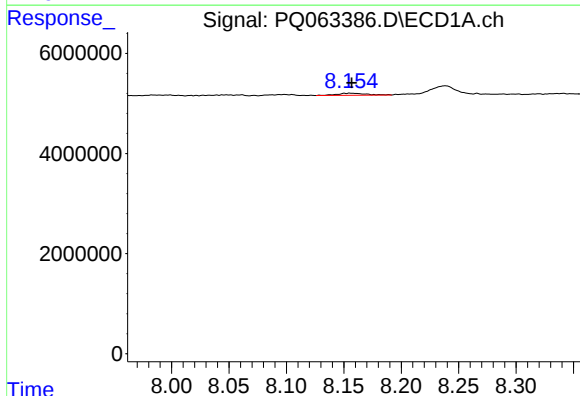
R.T.: 7.835 min
Delta R.T.: 0.002 min
Response: 580605
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



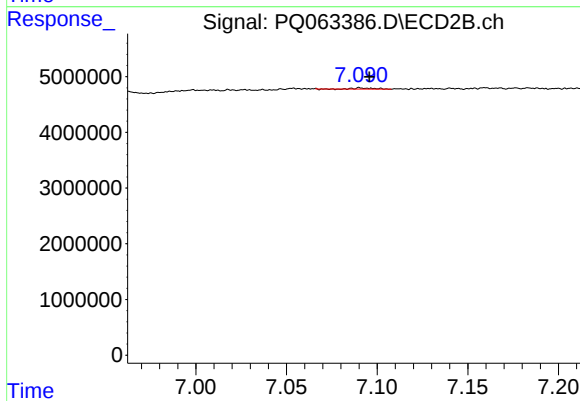
#43 AR-1268-3

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 1864371
Conc: 4.37 ng/ml



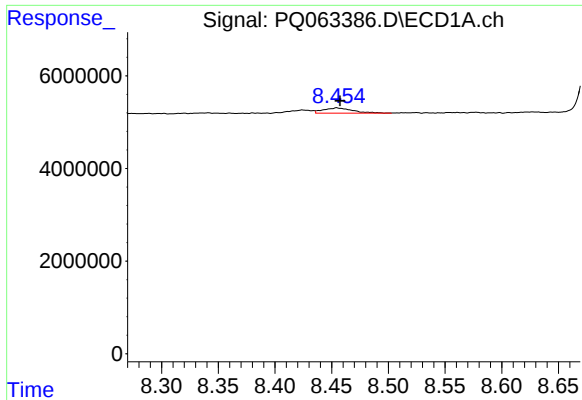
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 715942
Conc: 3.72 ng/ml



#44 AR-1268-4

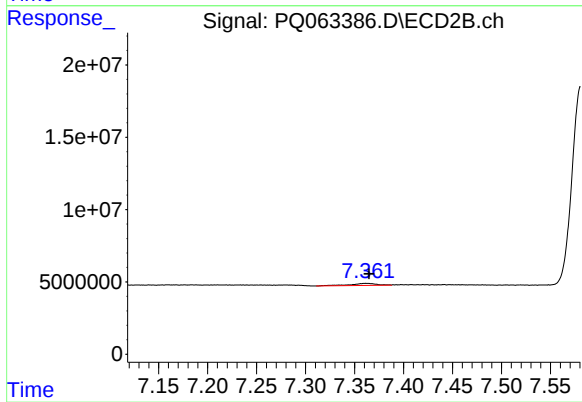
R.T.: 7.091 min
Delta R.T.: -0.005 min
Response: 148454
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.003 min
Response: 2018923
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 2726914
Conc: 2.07 ng/ml