

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082523\
 Data File : PQ063201.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 10:30
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 15:43:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.462	2.783	252.1E6	194.6E6	46.915	47.182
2)	SA Decachlor...	8.702	7.593	202.6E6	248.7E6	52.339	57.505
Target Compounds							
3)	L1 AR-1016-1	4.576	3.795	82719403	70908067	425.131	444.938
4)	L1 AR-1016-2	4.576	3.811	82719403	95814231	298.113	448.416 #
5)	L1 AR-1016-3	4.654	3.972	72187217	55518508	422.139	464.369
6)	L1 AR-1016-4	4.747	4.021	60473715	43699009	429.716	450.383
7)	L1 AR-1016-5	5.036	4.218	62464119	59555985	453.975	473.269
8)	L2 AR-1221-1	3.660	2.986	10608279	9302471	155.898	169.530
9)	L2 AR-1221-2	3.744	3.064	12201608	10099878	255.739	267.767
10)	L2 AR-1221-3	3.815	3.133	46710180	36238496	302.665	301.174
11)	L3 AR-1232-1	3.815	3.133	46710180	36238496	361.531	371.923
12)	L3 AR-1232-2	4.315	3.811	64146214	95814231	919.737	985.005
13)	L3 AR-1232-3	4.576	3.972	82719403	55518508	676.964	1045.601 #
14)	L3 AR-1232-4	4.747	4.058	60473715	51248512	1002.233	1116.570
15)	L3 AR-1232-5	4.844	4.218	46944325	59555985	1075.558	1098.359
16)	L4 AR-1242-1	4.576	3.795	82719403	70908067	490.109	490.992
17)	L4 AR-1242-2	4.576	3.811	82719403	95814231	343.005	504.343 #
18)	L4 AR-1242-3	4.654	3.972	72187217	55518508	492.808	514.398
19)	L4 AR-1242-4	4.747	4.058	60473715	51248512	488.723	514.393
20)	L4 AR-1242-5	5.468	4.558	67707014	72548687	512.320	536.582
21)	L5 AR-1248-1	4.576	3.795	82719403	70908067	621.248	634.761
22)	L5 AR-1248-2	4.844	4.021	46944325	43699009	268.633	276.723
23)	L5 AR-1248-3	5.036	4.058	62464119	51248512	295.377	336.057
24)	L5 AR-1248-4	5.433	4.218	64781891	59555985	271.895	313.186
25)	L5 AR-1248-5	5.468	4.596	67707014	62627185	291.361	323.806
26)	L6 AR-1254-1	5.405	4.558	49884031	72548687	227.776	270.390
27)	L6 AR-1254-2	5.622	4.705	57838819	17551041	170.794	74.776 #
28)	L6 AR-1254-3	5.981	5.090	25626551	25913321	71.479	68.523
29)	L6 AR-1254-4	6.267	5.317	20470168	19618188	75.552	80.303
30)	L6 AR-1254-5	6.684	5.726	5671253	6856903	20.516	19.867
31)	L7 AR-1260-1	6.149	5.224	2591870	11447176	10.139	45.866 #
32)	L7 AR-1260-2	6.410	5.411	3506244	3077729	11.552	9.993
33)	L7 AR-1260-3	6.713f	5.548	1170337	3224596	5.552	10.406 #
34)	L7 AR-1260-4	6.960	6.049	2120650	3092103	8.849	12.610 #
35)	L7 AR-1260-5	7.292	6.262	1380905	1268523	2.943	2.321
36)	L8 AR-1262-1	6.713f	5.813	1170337	225654	3.624	1.580 #
37)	L8 AR-1262-2	7.292	5.997	1380905	190882	2.545	0.611 #
38)	L8 AR-1262-3	7.550	6.544	124341	1303842	0.344	5.172 #
39)	L8 AR-1262-4	7.621	6.613	622552	809452	2.221	1.731
40)	L8 AR-1262-5	8.172f	7.108	302526	168729	1.610	0.768 #
41)	L9 AR-1268-1	7.550	6.544	124341	1303842	0.192	1.747 #

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 Acq On : 25 Aug 2023 10:30
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

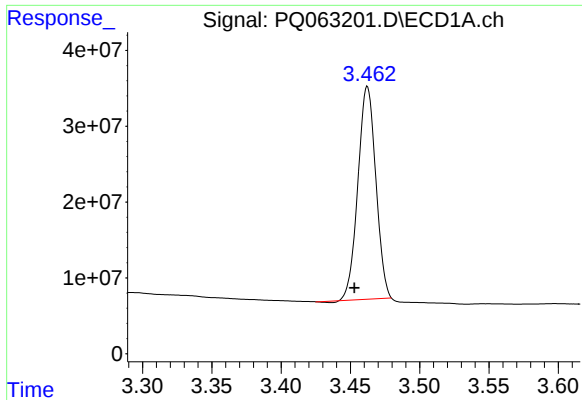
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 15:43:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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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	7.621	6.613	622552	809452	1.038	1.179
43) L9	AR-1268-3	7.814	6.811	328777	3121440	0.668	5.318 #
44) L9	AR-1268-4	8.172f	7.108	302526	168729	1.410	0.663 #
45) L9	AR-1268-5	8.460	7.374	1838176	2739653	1.193	1.547 #

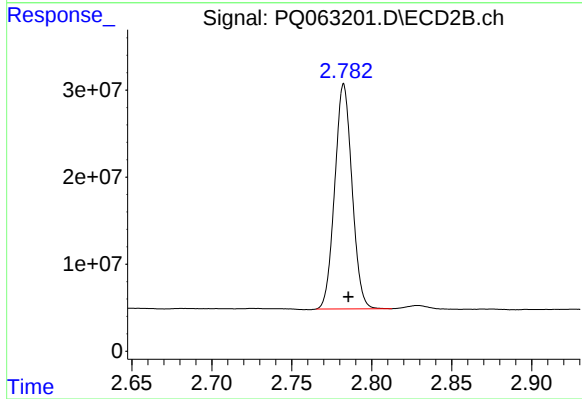
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

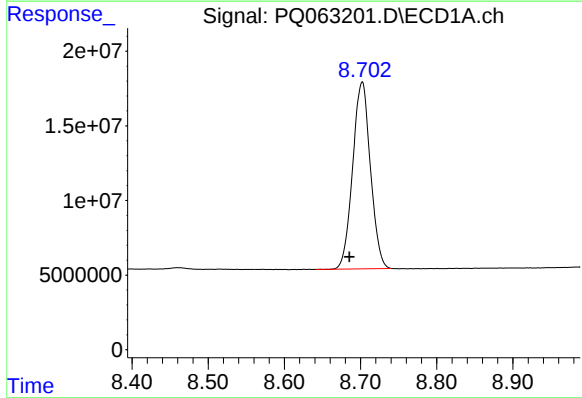
R.T.: 3.462 min
Delta R.T.: 0.009 min
Response: 252093095
Conc: 46.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



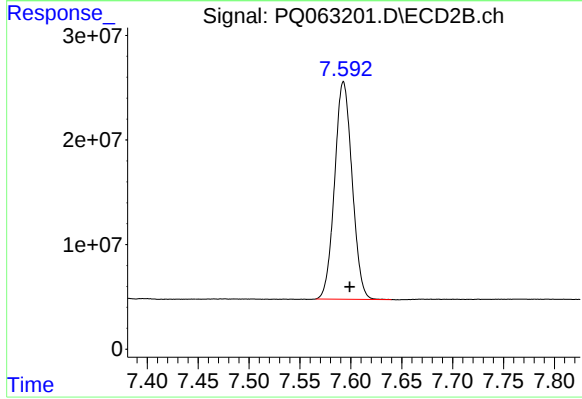
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 194593587
Conc: 47.18 ng/ml



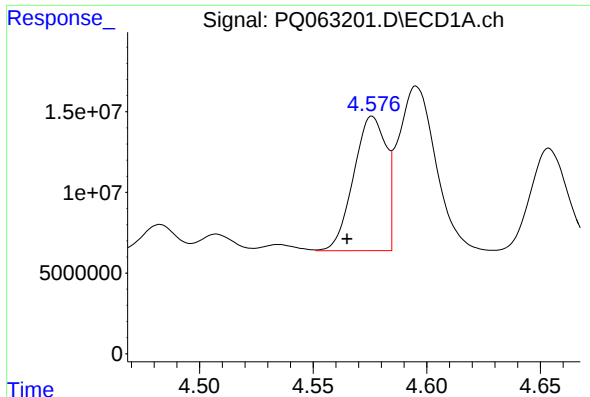
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.017 min
Response: 202645797
Conc: 52.34 ng/ml



#2 Decachlorobiphenyl

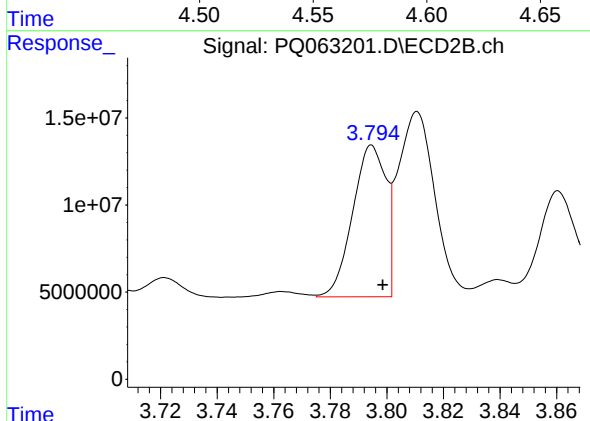
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 248728294
Conc: 57.50 ng/ml



#3 AR-1016-1

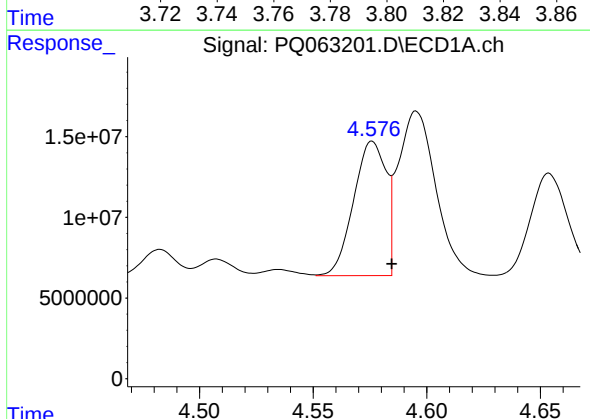
R.T.: 4.576 min
Delta R.T.: 0.011 min
Response: 82719403
Conc: 425.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



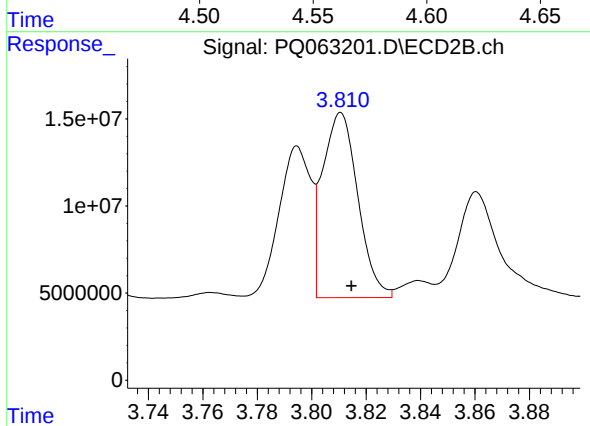
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 70908067
Conc: 444.94 ng/ml



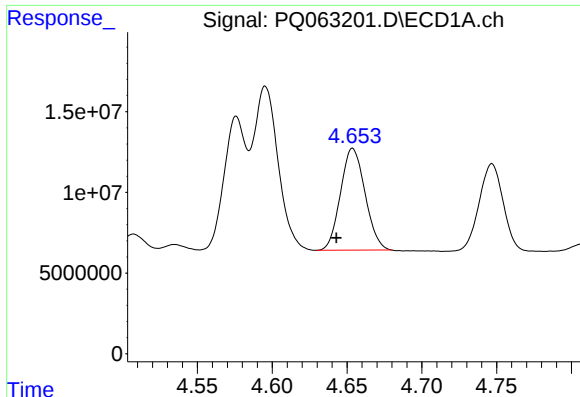
#4 AR-1016-2

R.T.: 4.576 min
Delta R.T.: -0.009 min
Response: 82719403
Conc: 298.11 ng/ml



#4 AR-1016-2

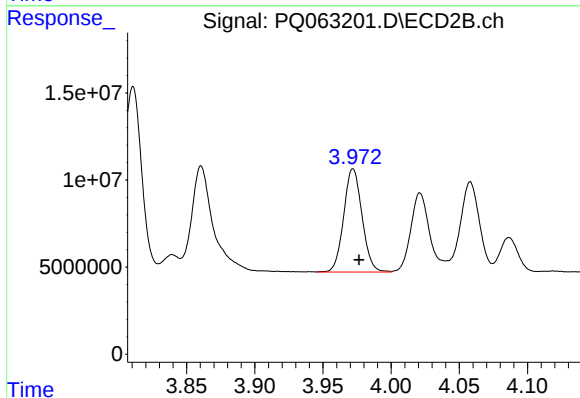
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 95814231
Conc: 448.42 ng/ml



#5 AR-1016-3

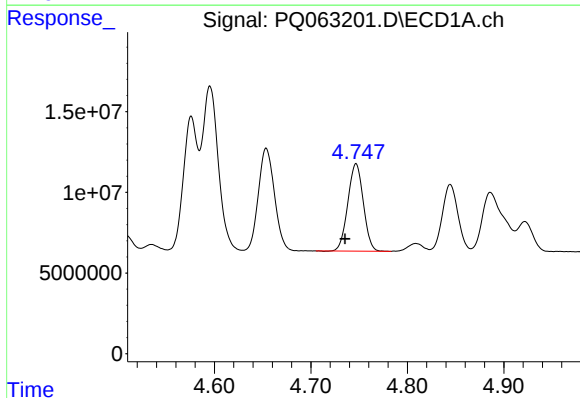
R.T.: 4.654 min
Delta R.T.: 0.011 min
Response: 72187217
Conc: 422.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



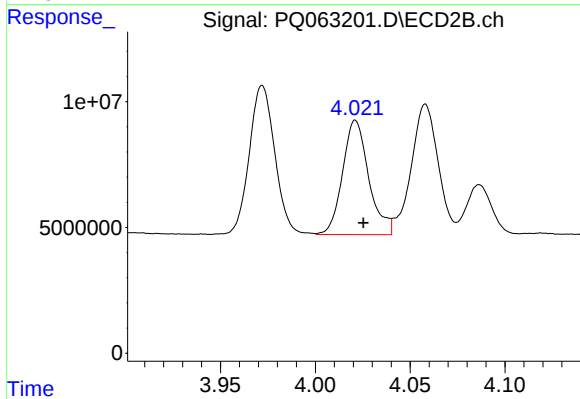
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 55518508
Conc: 464.37 ng/ml



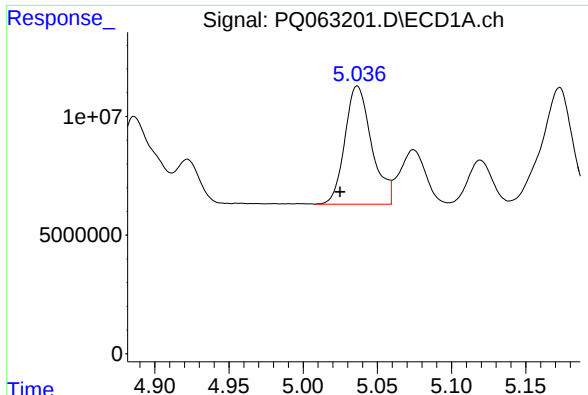
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: 0.012 min
Response: 60473715
Conc: 429.72 ng/ml



#6 AR-1016-4

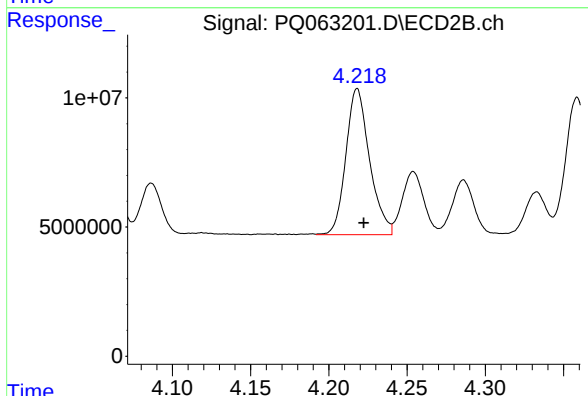
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 43699009
Conc: 450.38 ng/ml



#7 AR-1016-5

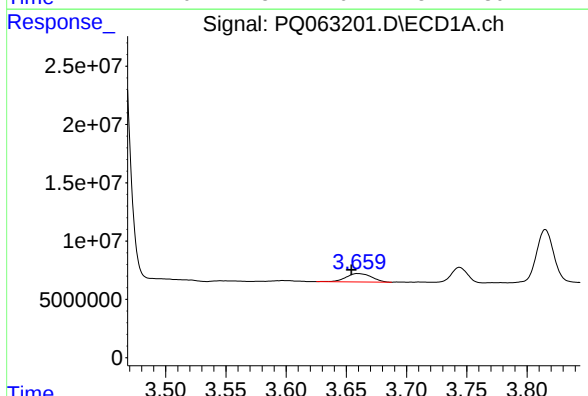
R.T.: 5.036 min
Delta R.T.: 0.012 min
Response: 62464119
Conc: 453.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



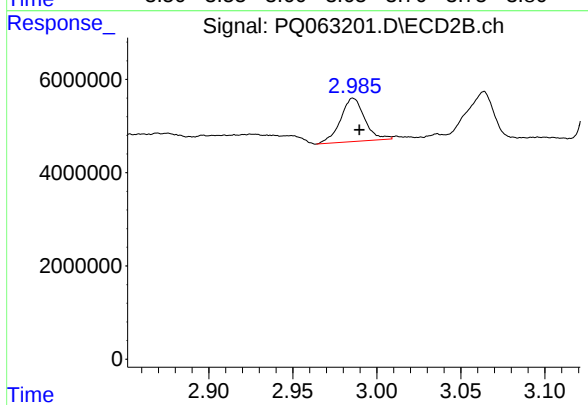
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 59555985
Conc: 473.27 ng/ml



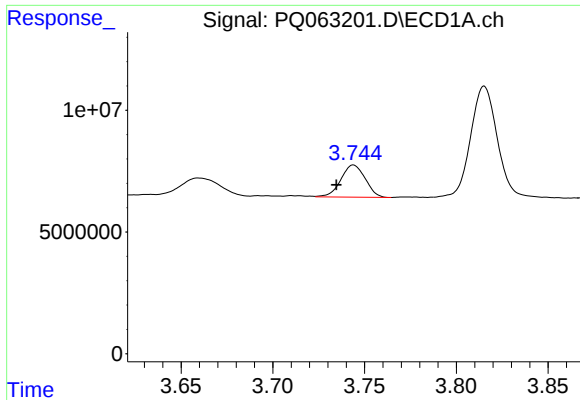
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: 0.005 min
Response: 10608279
Conc: 155.90 ng/ml



#8 AR-1221-1

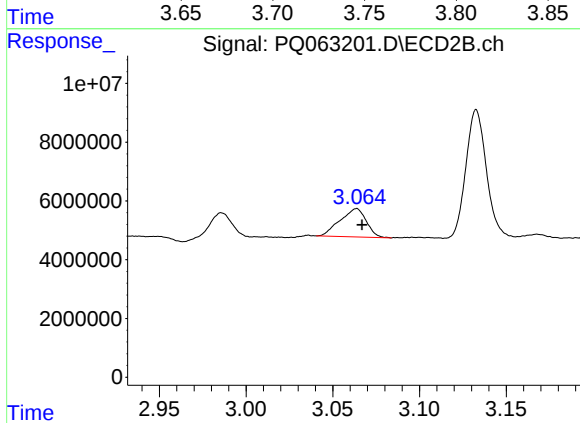
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 9302471
Conc: 169.53 ng/ml



#9 AR-1221-2

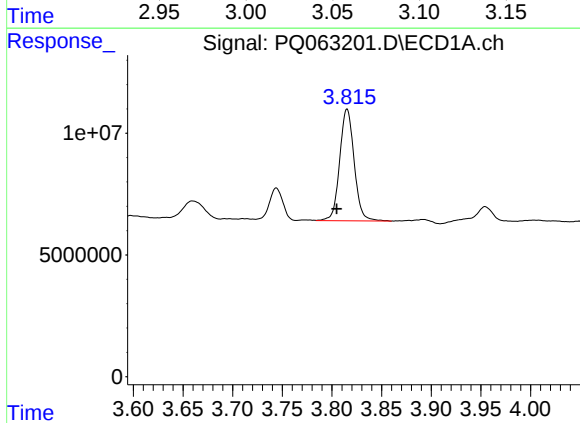
R.T.: 3.744 min
Delta R.T.: 0.009 min
Response: 12201608
Conc: 255.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



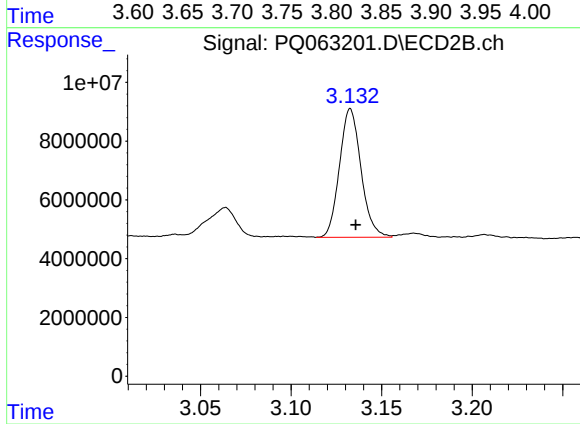
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 10099878
Conc: 267.77 ng/ml



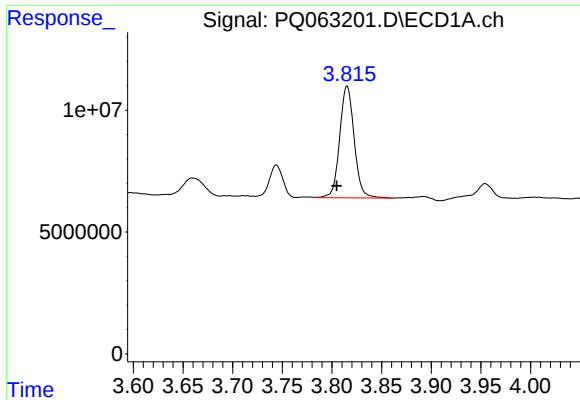
#10 AR-1221-3

R.T.: 3.815 min
Delta R.T.: 0.010 min
Response: 46710180
Conc: 302.67 ng/ml



#10 AR-1221-3

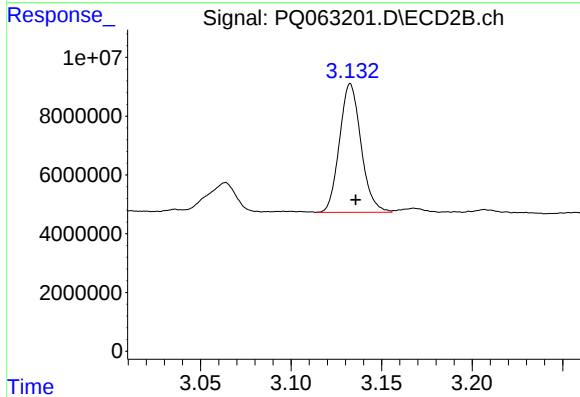
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 36238496
Conc: 301.17 ng/ml



#11 AR-1232-1

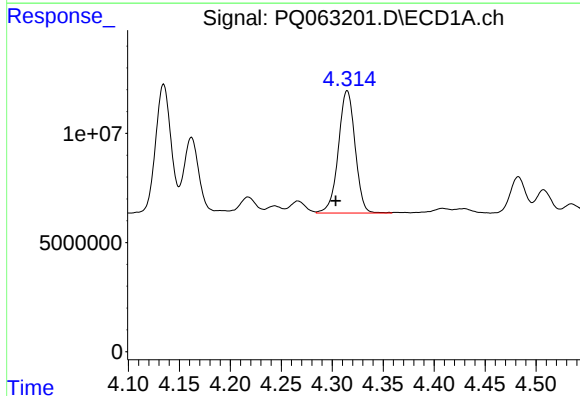
R.T.: 3.815 min
Delta R.T.: 0.010 min
Response: 46710180
Conc: 361.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



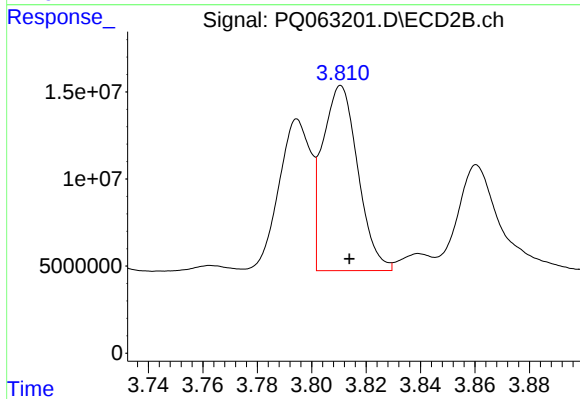
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 36238496
Conc: 371.92 ng/ml



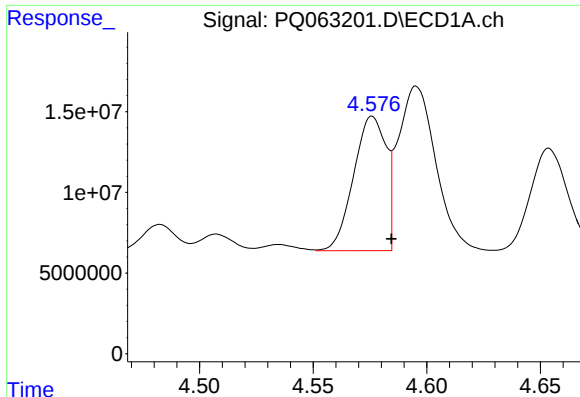
#12 AR-1232-2

R.T.: 4.315 min
Delta R.T.: 0.011 min
Response: 64146214
Conc: 919.74 ng/ml



#12 AR-1232-2

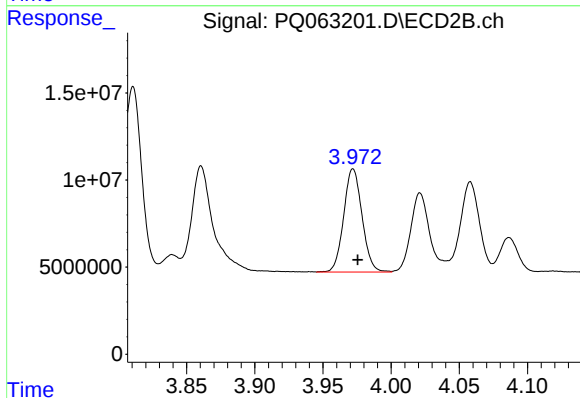
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 95814231
Conc: 985.00 ng/ml



#13 AR-1232-3

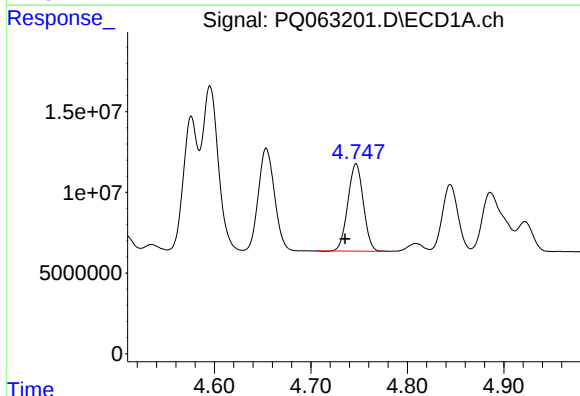
R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 82719403
Conc: 676.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



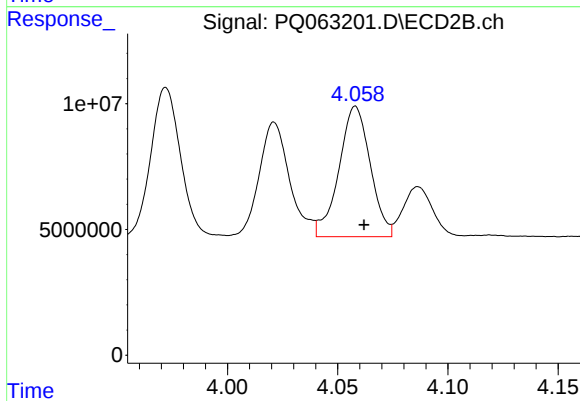
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 55518508
Conc: 1045.60 ng/ml



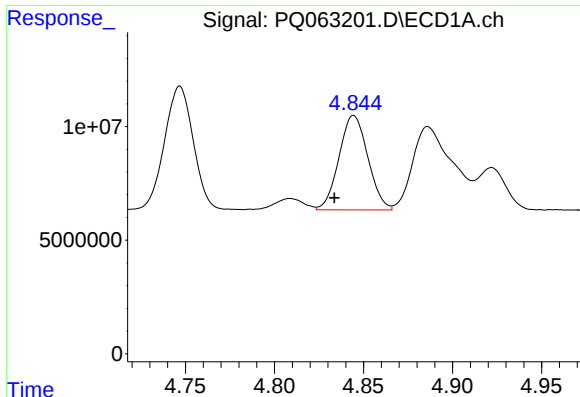
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: 0.011 min
Response: 60473715
Conc: 1002.23 ng/ml



#14 AR-1232-4

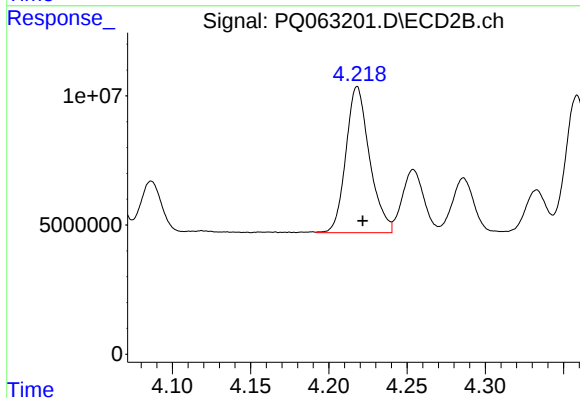
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 51248512
Conc: 1116.57 ng/ml



#15 AR-1232-5

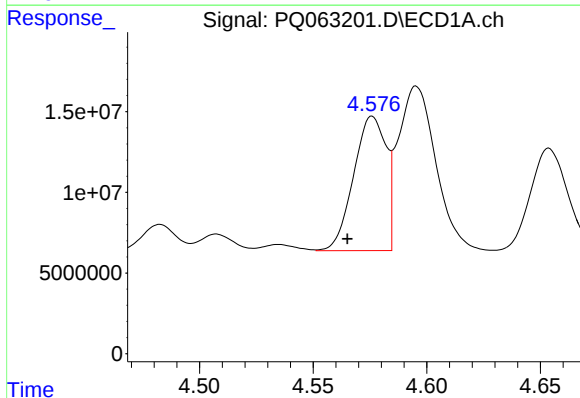
R.T.: 4.844 min
Delta R.T.: 0.011 min
Response: 46944325
Conc: 1075.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



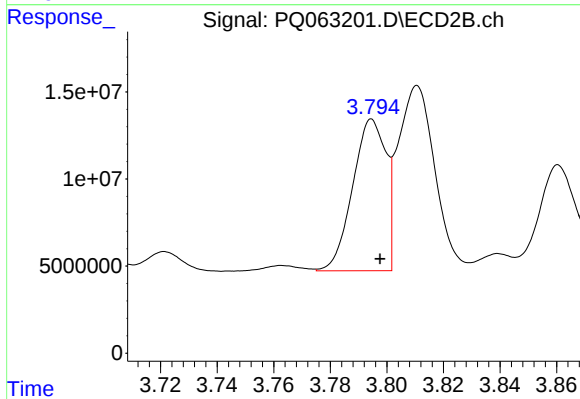
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 59555985
Conc: 1098.36 ng/ml



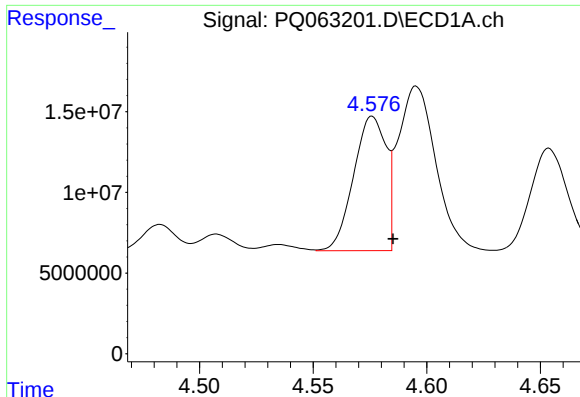
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: 0.011 min
Response: 82719403
Conc: 490.11 ng/ml



#16 AR-1242-1

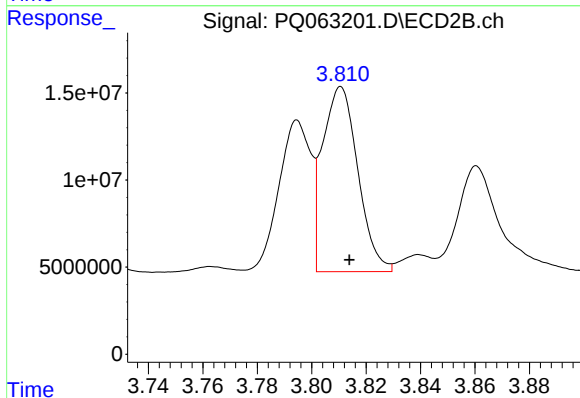
R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 70908067
Conc: 490.99 ng/ml



#17 AR-1242-2

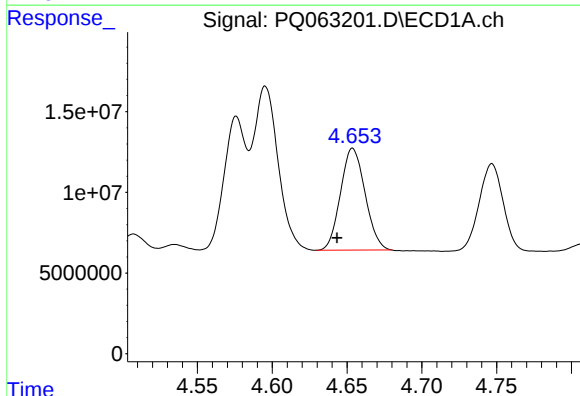
R.T.: 4.576 min
Delta R.T.: -0.009 min
Response: 82719403
Conc: 343.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



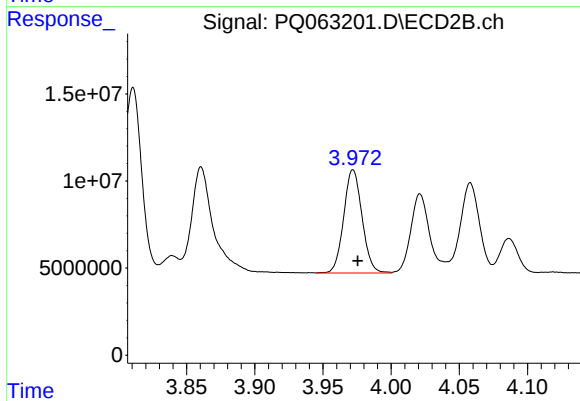
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 95814231
Conc: 504.34 ng/ml



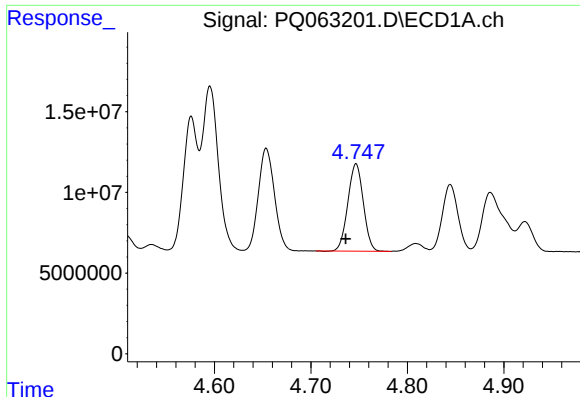
#18 AR-1242-3

R.T.: 4.654 min
Delta R.T.: 0.010 min
Response: 72187217
Conc: 492.81 ng/ml



#18 AR-1242-3

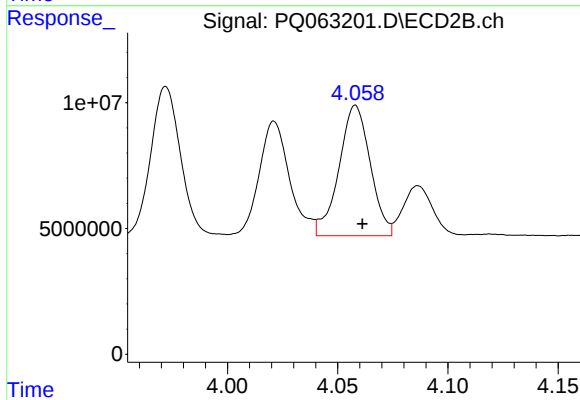
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 55518508
Conc: 514.40 ng/ml



#19 AR-1242-4

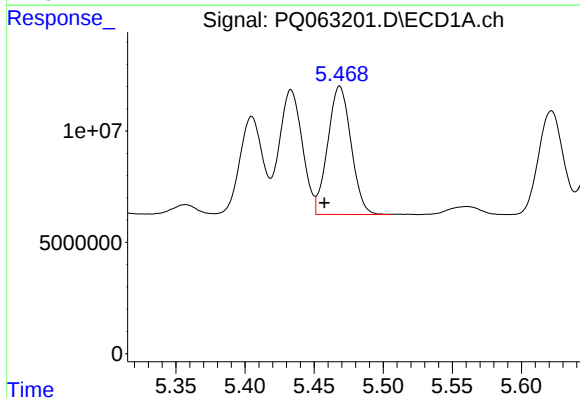
R.T.: 4.747 min
Delta R.T.: 0.011 min
Response: 60473715
Conc: 488.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



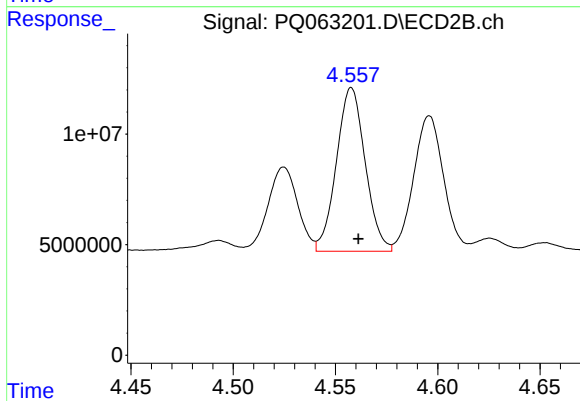
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 51248512
Conc: 514.39 ng/ml



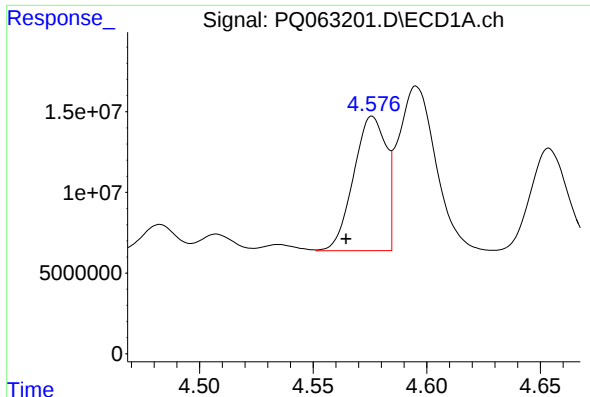
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 67707014
Conc: 512.32 ng/ml



#20 AR-1242-5

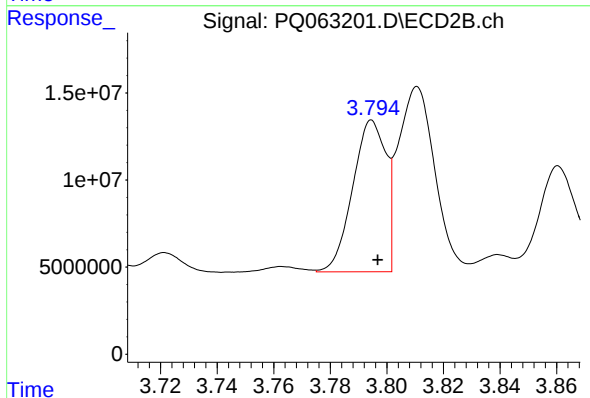
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 72548687
Conc: 536.58 ng/ml



#21 AR-1248-1

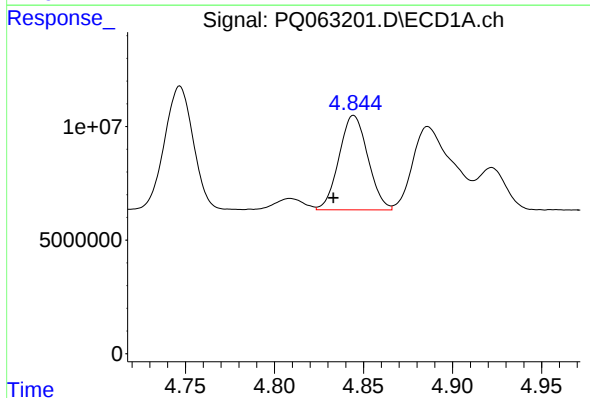
R.T.: 4.576 min
Delta R.T.: 0.011 min
Response: 82719403
Conc: 621.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



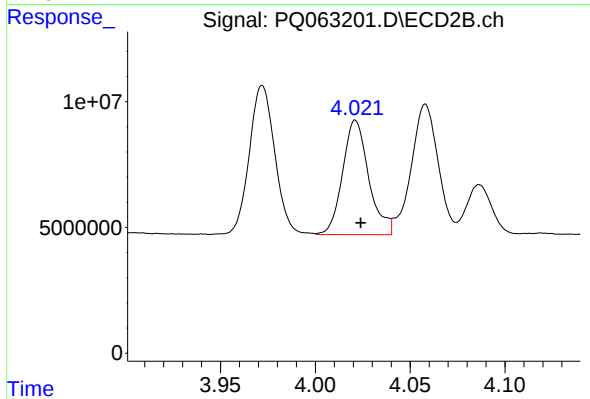
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 70908067
Conc: 634.76 ng/ml



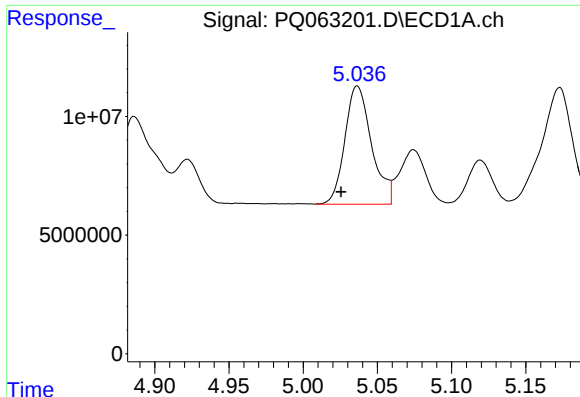
#22 AR-1248-2

R.T.: 4.844 min
Delta R.T.: 0.011 min
Response: 46944325
Conc: 268.63 ng/ml



#22 AR-1248-2

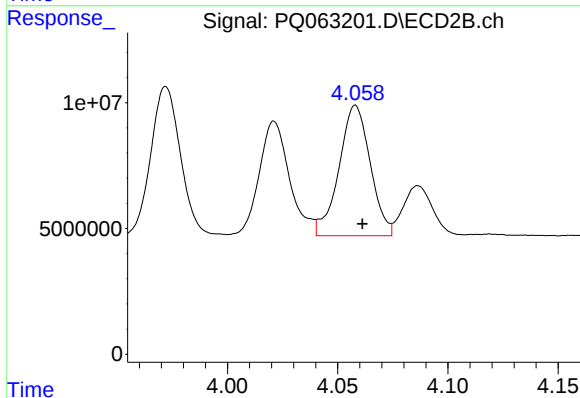
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 43699009
Conc: 276.72 ng/ml



#23 AR-1248-3

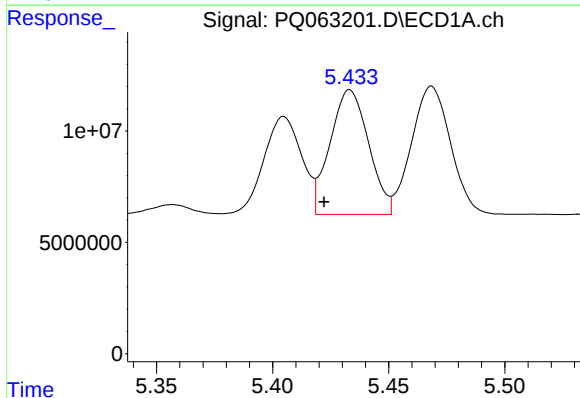
R.T.: 5.036 min
Delta R.T.: 0.011 min
Response: 62464119
Conc: 295.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



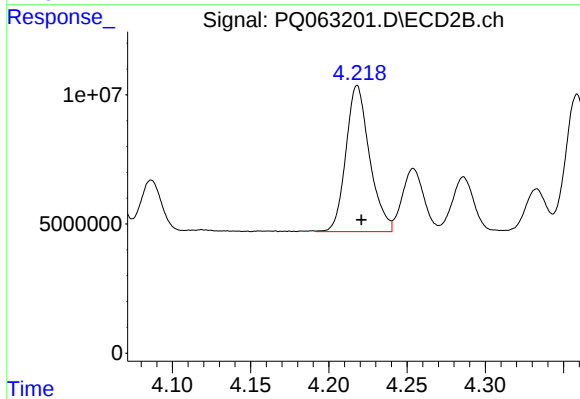
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 51248512
Conc: 336.06 ng/ml



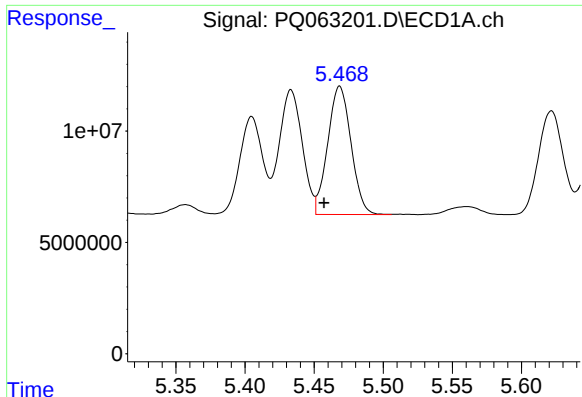
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: 0.011 min
Response: 64781891
Conc: 271.89 ng/ml



#24 AR-1248-4

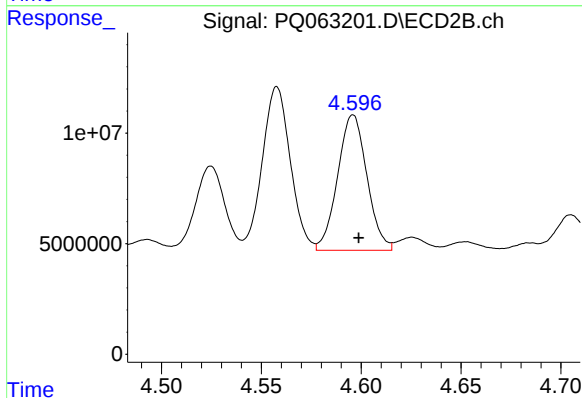
R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 59555985
Conc: 313.19 ng/ml



#25 AR-1248-5

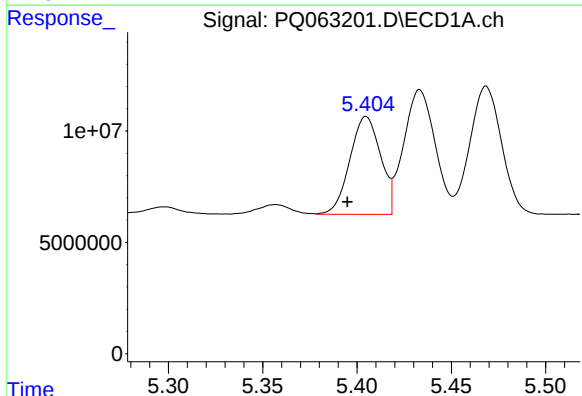
R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 67707014
Conc: 291.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



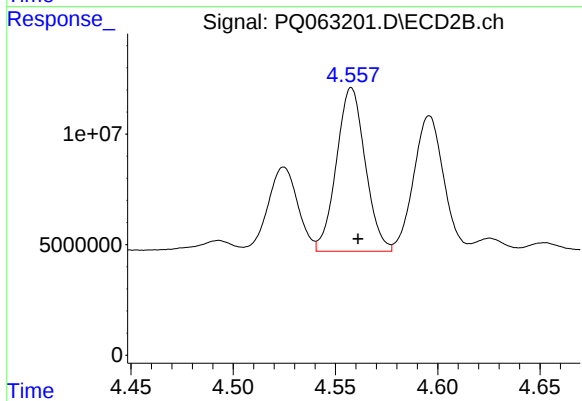
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 62627185
Conc: 323.81 ng/ml



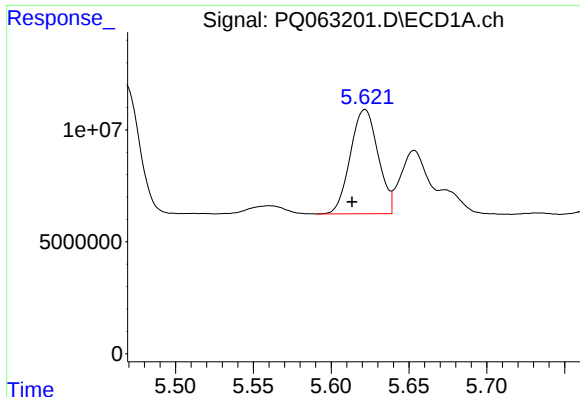
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: 0.010 min
Response: 49884031
Conc: 227.78 ng/ml



#26 AR-1254-1

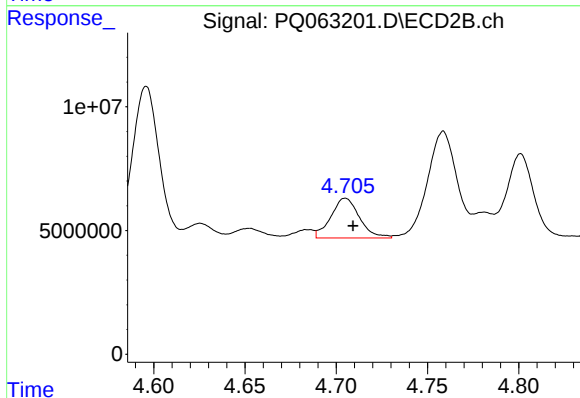
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 72548687
Conc: 270.39 ng/ml



#27 AR-1254-2

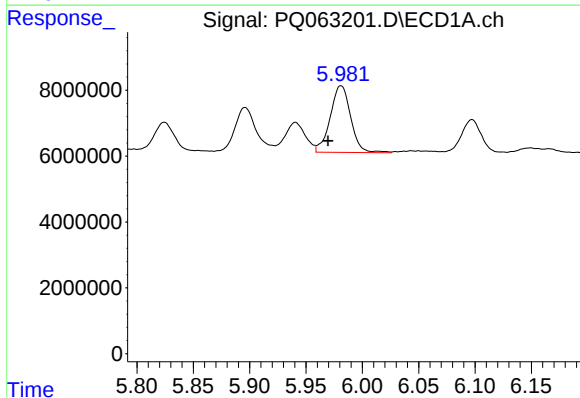
R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 57838819
Conc: 170.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



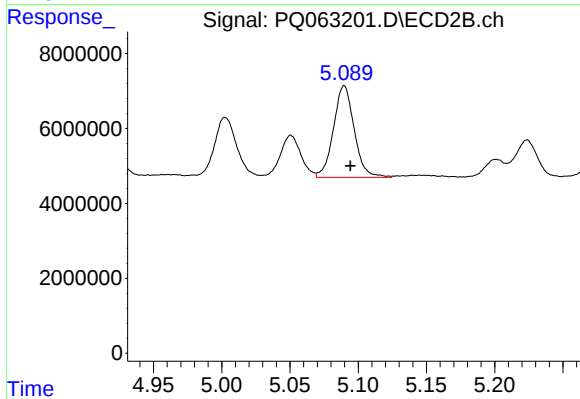
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 17551041
Conc: 74.78 ng/ml



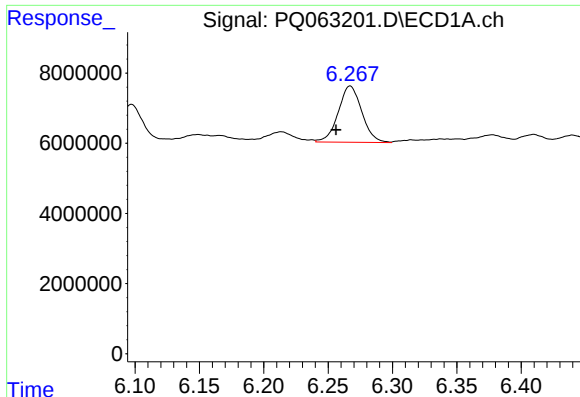
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: 0.012 min
Response: 25626551
Conc: 71.48 ng/ml



#28 AR-1254-3

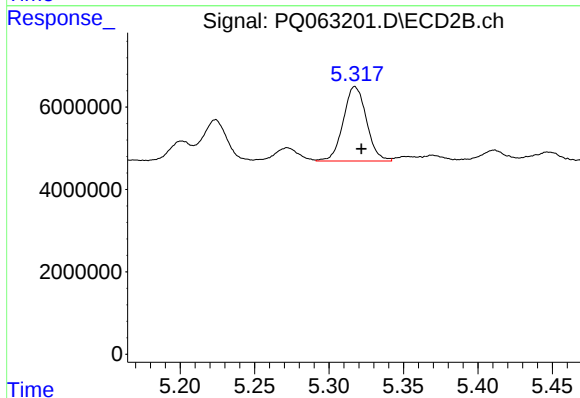
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 25913321
Conc: 68.52 ng/ml



#29 AR-1254-4

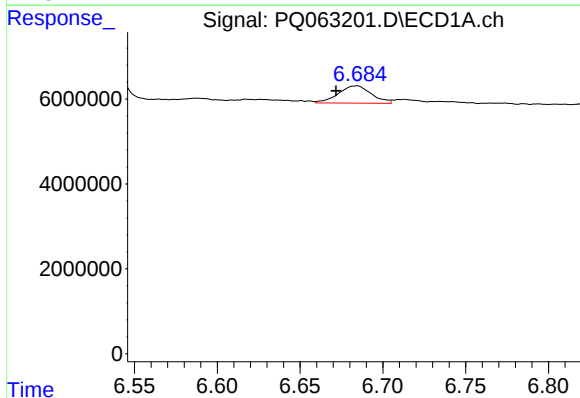
R.T.: 6.267 min
Delta R.T.: 0.011 min
Response: 20470168
Conc: 75.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



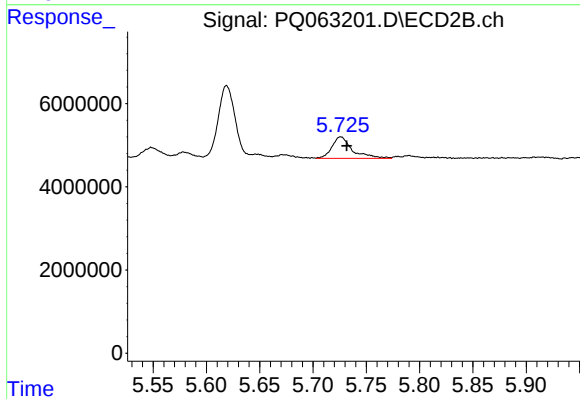
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.004 min
Response: 19618188
Conc: 80.30 ng/ml



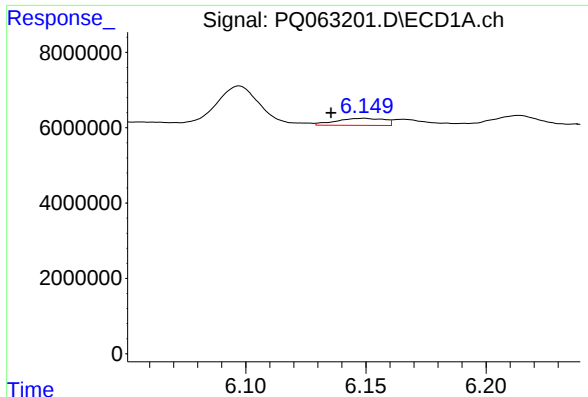
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.012 min
Response: 5671253
Conc: 20.52 ng/ml



#30 AR-1254-5

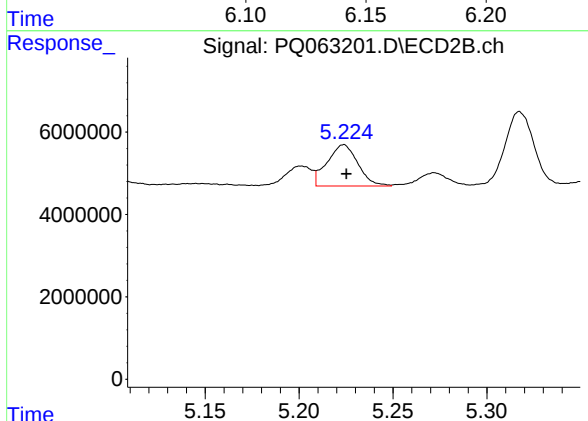
R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 6856903
Conc: 19.87 ng/ml



#31 AR-1260-1

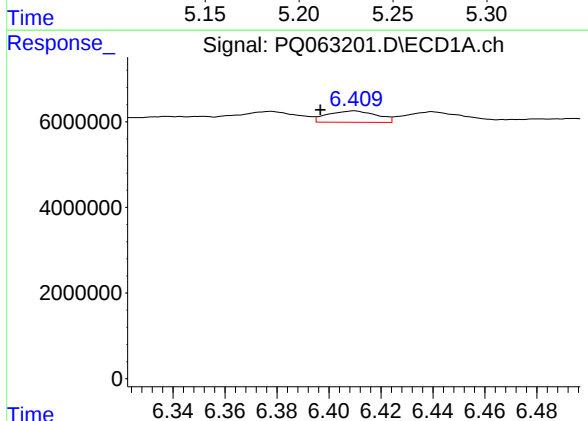
R.T.: 6.149 min
Delta R.T.: 0.014 min
Response: 2591870
Conc: 10.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



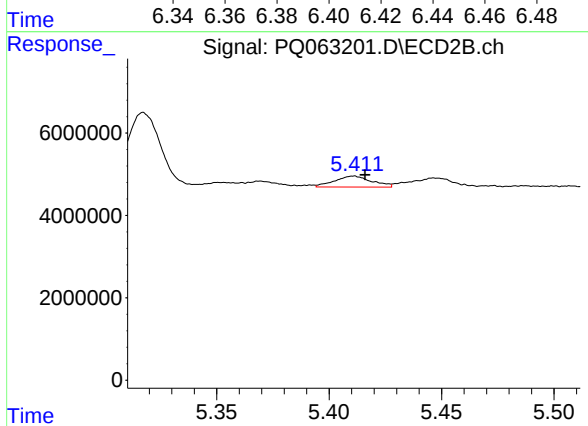
#31 AR-1260-1

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 11447176
Conc: 45.87 ng/ml



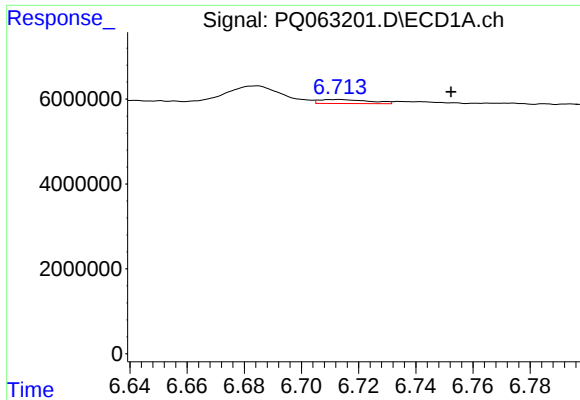
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: 0.013 min
Response: 3506244
Conc: 11.55 ng/ml



#32 AR-1260-2

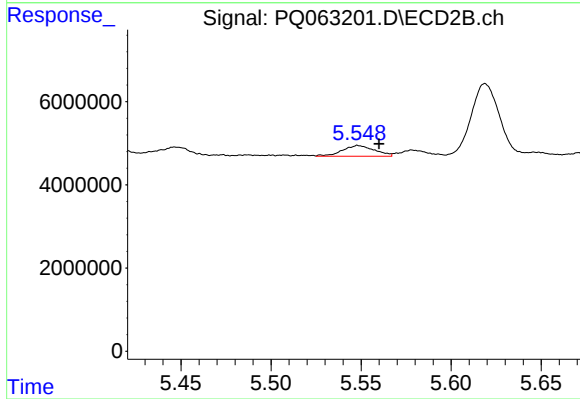
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 3077729
Conc: 9.99 ng/ml



#33 AR-1260-3

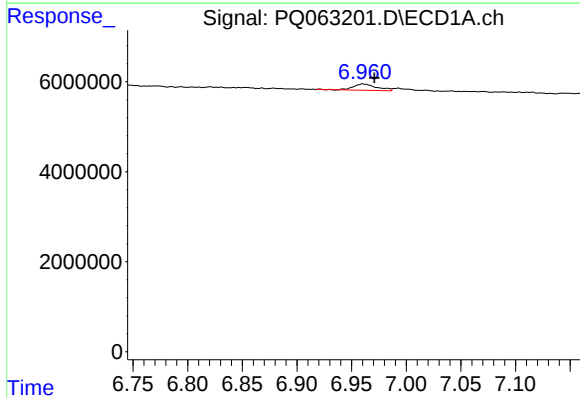
R.T.: 6.713 min
Delta R.T.: -0.040 min
Response: 1170337
Conc: 5.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



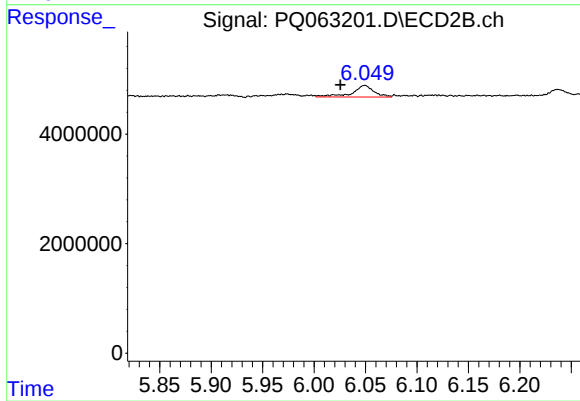
#33 AR-1260-3

R.T.: 5.548 min
Delta R.T.: -0.012 min
Response: 3224596
Conc: 10.41 ng/ml



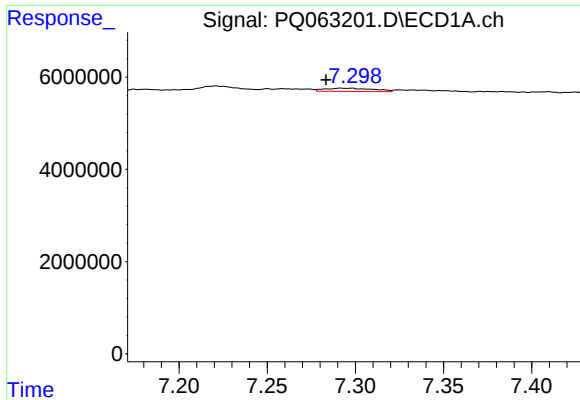
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.011 min
Response: 2120650
Conc: 8.85 ng/ml



#34 AR-1260-4

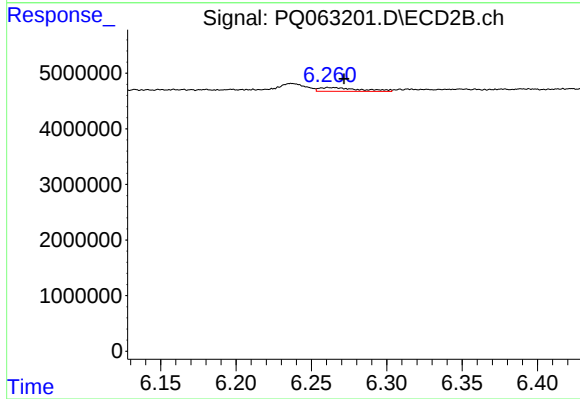
R.T.: 6.049 min
Delta R.T.: 0.024 min
Response: 3092103
Conc: 12.61 ng/ml



#35 AR-1260-5

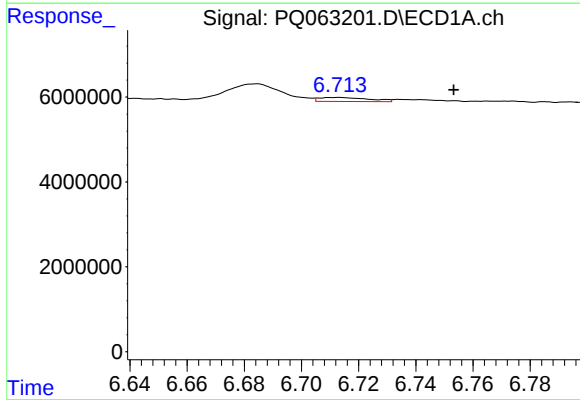
R.T.: 7.292 min
Delta R.T.: 0.009 min
Response: 1380905
Conc: 2.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



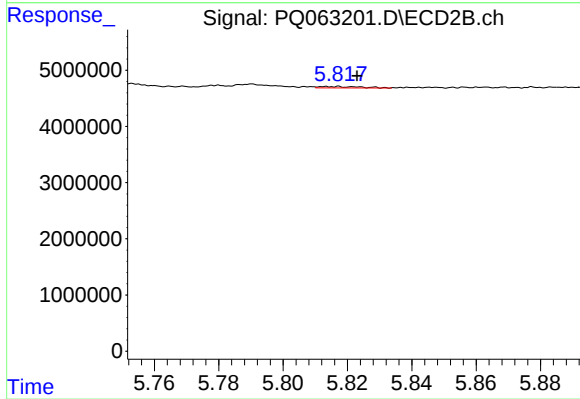
#35 AR-1260-5

R.T.: 6.262 min
Delta R.T.: -0.010 min
Response: 1268523
Conc: 2.32 ng/ml



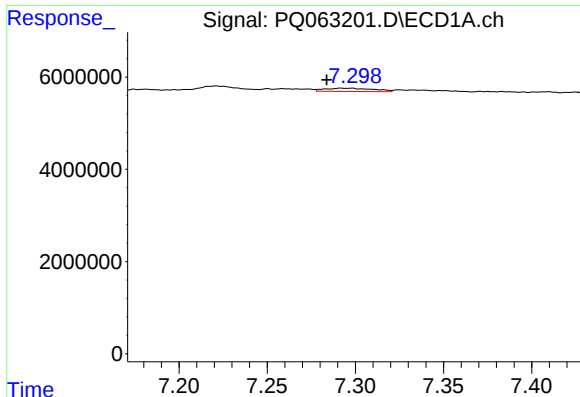
#36 AR-1262-1

R.T.: 6.713 min
Delta R.T.: -0.040 min
Response: 1170337
Conc: 3.62 ng/ml



#36 AR-1262-1

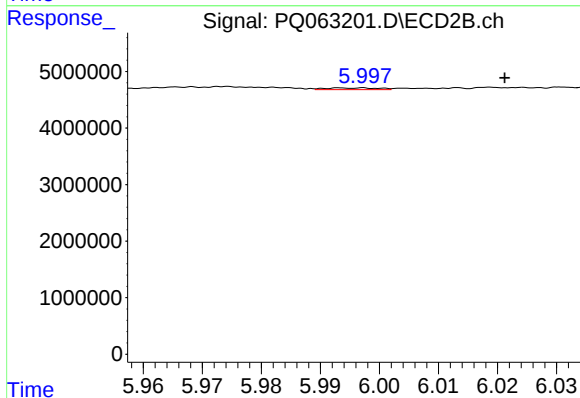
R.T.: 5.813 min
Delta R.T.: -0.009 min
Response: 225654
Conc: 1.58 ng/ml



#37 AR-1262-2

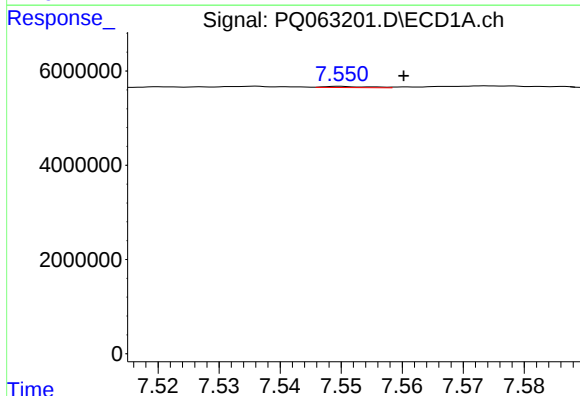
R.T.: 7.292 min
Delta R.T.: 0.008 min
Response: 1380905
Conc: 2.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



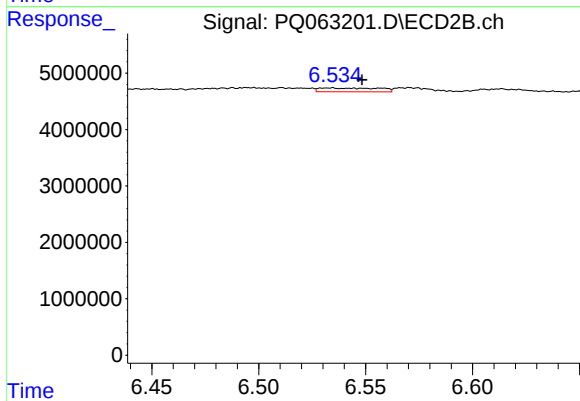
#37 AR-1262-2

R.T.: 5.997 min
Delta R.T.: -0.025 min
Response: 190882
Conc: 0.61 ng/ml



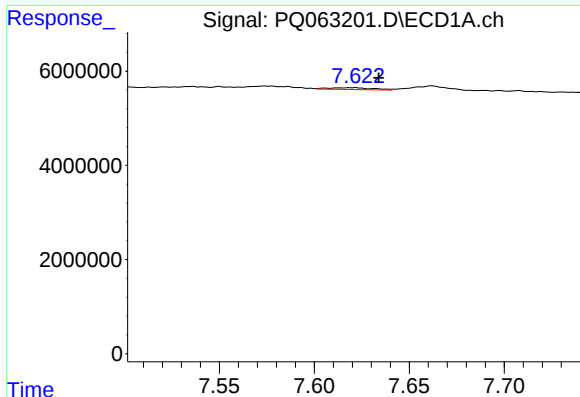
#38 AR-1262-3

R.T.: 7.550 min
Delta R.T.: -0.010 min
Response: 124341
Conc: 0.34 ng/ml



#38 AR-1262-3

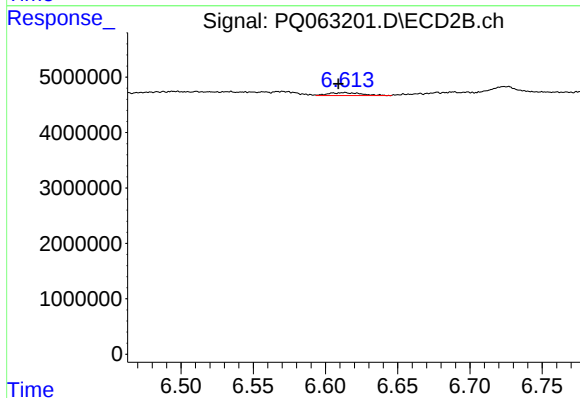
R.T.: 6.544 min
Delta R.T.: -0.004 min
Response: 1303842
Conc: 5.17 ng/ml



#39 AR-1262-4

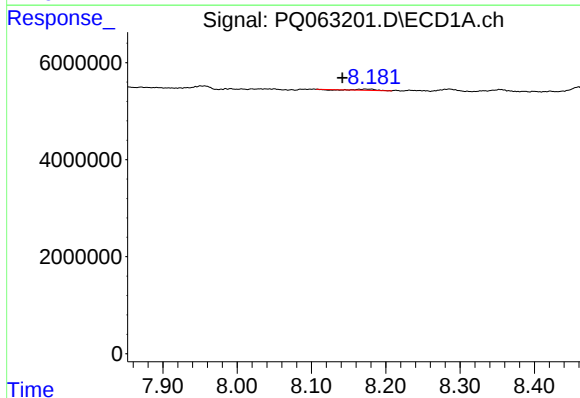
R.T.: 7.621 min
Delta R.T.: -0.013 min
Response: 622552
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



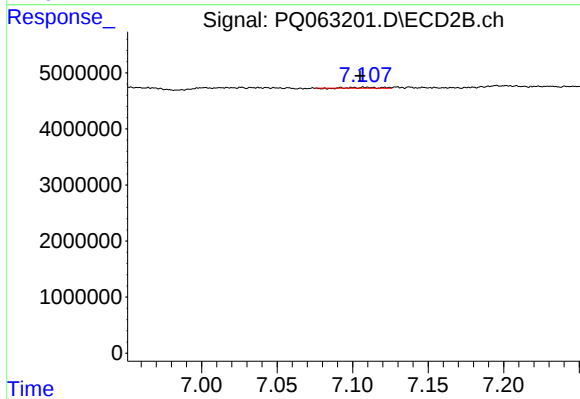
#39 AR-1262-4

R.T.: 6.613 min
Delta R.T.: 0.005 min
Response: 809452
Conc: 1.73 ng/ml



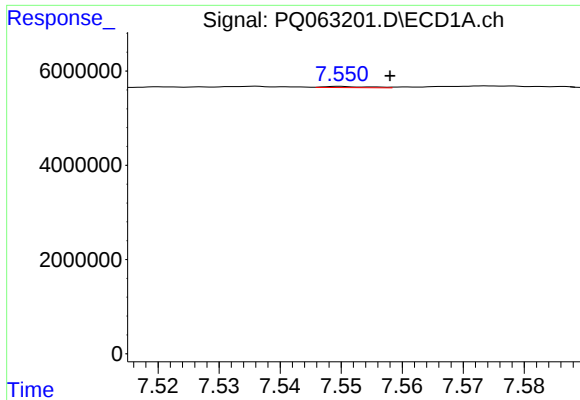
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: 0.030 min
Response: 302526
Conc: 1.61 ng/ml



#40 AR-1262-5

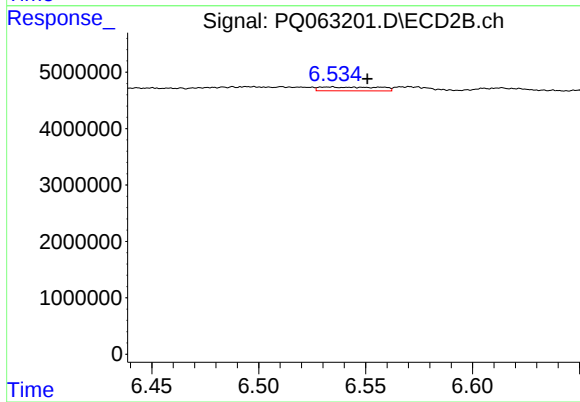
R.T.: 7.108 min
Delta R.T.: 0.003 min
Response: 168729
Conc: 0.77 ng/ml



#41 AR-1268-1

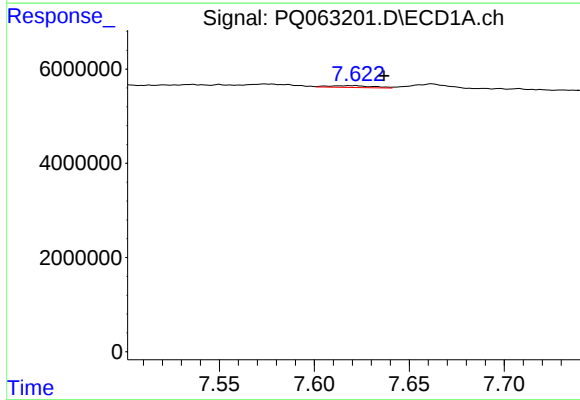
R.T.: 7.550 min
Delta R.T.: -0.008 min
Response: 124341
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



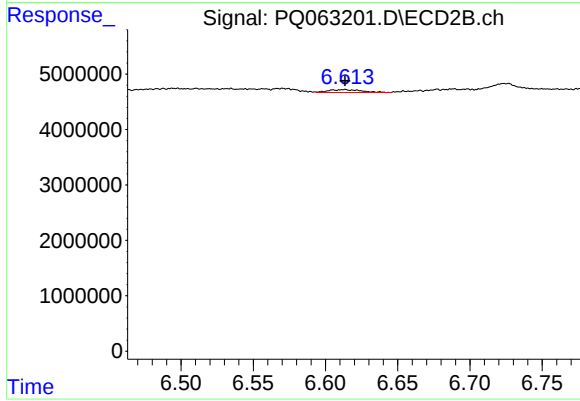
#41 AR-1268-1

R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 1303842
Conc: 1.75 ng/ml



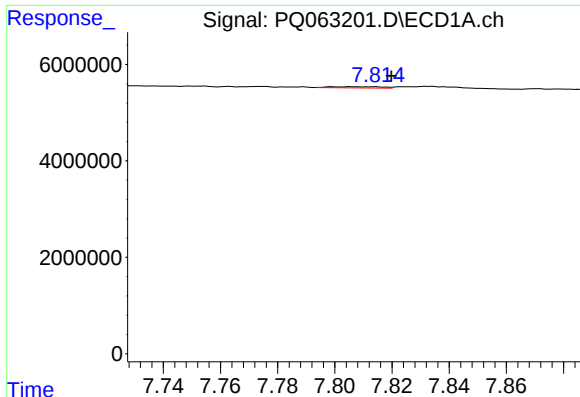
#42 AR-1268-2

R.T.: 7.621 min
Delta R.T.: -0.016 min
Response: 622552
Conc: 1.04 ng/ml



#42 AR-1268-2

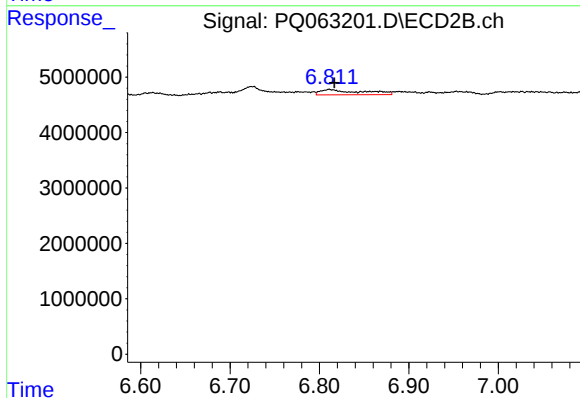
R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 809452
Conc: 1.18 ng/ml



#43 AR-1268-3

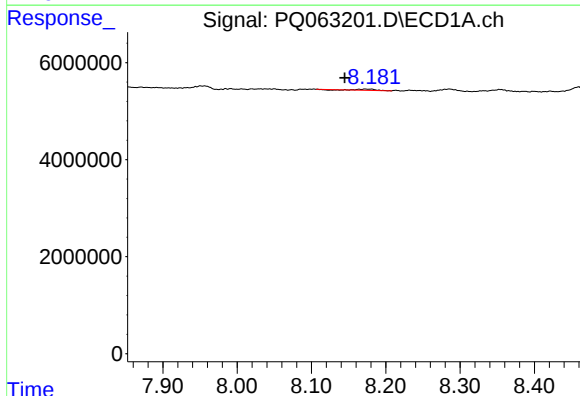
R.T.: 7.814 min
Delta R.T.: -0.006 min
Response: 328777
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



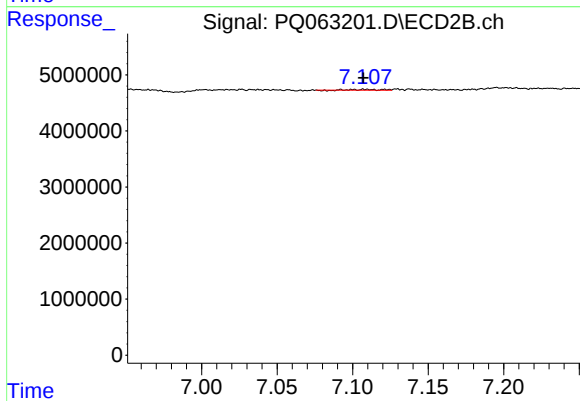
#43 AR-1268-3

R.T.: 6.811 min
Delta R.T.: -0.006 min
Response: 3121440
Conc: 5.32 ng/ml



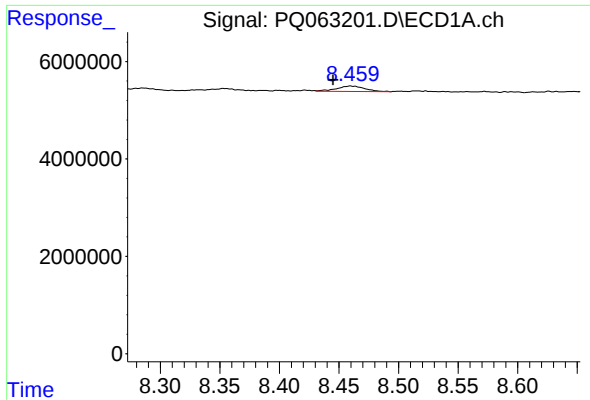
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: 0.027 min
Response: 302526
Conc: 1.41 ng/ml



#44 AR-1268-4

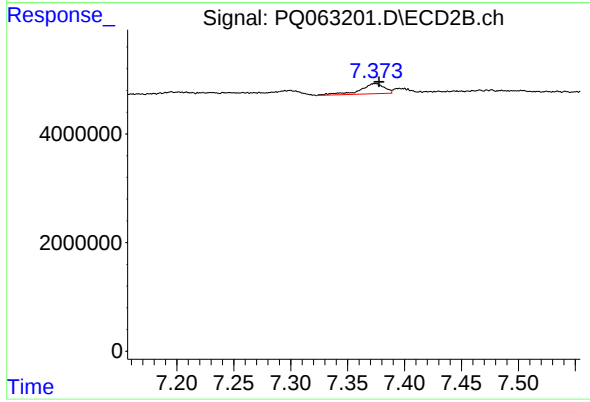
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 168729
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 8.460 min
Delta R.T.: 0.015 min
Response: 1838176
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.374 min
Delta R.T.: -0.004 min
Response: 2739653
Conc: 1.55 ng/ml