

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111023\
 Data File : PQ063927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 13:05
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:31:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.459	2.777	227.5E6	211.4E6	53.372	57.487
2) SA Decachlor...	8.694	7.576	162.8E6	263.3E6	50.421	56.203
Target Compounds						
3) L1 AR-1016-1	4.574	3.787	58234292	54586636	422.570	433.303
4) L1 AR-1016-2	4.594	3.803	88681910	77919069	419.872	430.064
5) L1 AR-1016-3	4.653	3.964	54724766	42077700	410.913	431.788
6) L1 AR-1016-4	4.745	4.013	44089019	36768905	419.343	435.822
7) L1 AR-1016-5	5.036	4.209	46582107	45142536	439.686	451.376
8) L2 AR-1221-1	3.659	2.981	6863757	7287742	126.844	141.422
9) L2 AR-1221-2	3.742	3.058	9217731	9615119	252.334	275.763
10) L2 AR-1221-3	3.813	3.127	34658162	34255762	291.842	310.560
11) L3 AR-1232-1	3.813	3.127	34658162	34255762	370.546	395.613
12) L3 AR-1232-2	4.313	3.803	47940791	77919069	912.862	979.602
13) L3 AR-1232-3	4.594	3.964	88681910	42077700	985.983	1016.387
14) L3 AR-1232-4	4.745	4.051	44089019	39955491	1008.321	1100.199
15) L3 AR-1232-5	4.843	4.209	36357442	45142536	1087.235	1074.378
16) L4 AR-1242-1	4.574	3.787	58234292	54586636	516.792	530.653
17) L4 AR-1242-2	4.594	3.803	88681910	77919069	524.435	528.008
18) L4 AR-1242-3	4.653	3.964	54724766	42077700	518.494	528.911
19) L4 AR-1242-4	4.745	4.051	44089019	39955491	519.626	526.521
20) L4 AR-1242-5	5.467	4.548	45710732	52339890	516.961	520.308
21) L5 AR-1248-1	4.574	3.787	58234292	54586636	699.463	700.061
22) L5 AR-1248-2	4.843	4.013	36357442	36768905	299.556	310.176
23) L5 AR-1248-3	5.036	4.051	46582107	39955491	321.715	354.646
24) L5 AR-1248-4	5.432	4.209	44741646	45142536	288.704	327.933
25) L5 AR-1248-5	5.467	4.585	45710732	42379231	298.945	315.632
26) L6 AR-1254-1	5.404	4.548	36370637	52339890	231.734	269.289
27) L6 AR-1254-2	5.620	4.695	42575923	15710876	179.527	90.186 #
28) L6 AR-1254-3	5.979	5.079	19677882	20383282	79.365	76.151
29) L6 AR-1254-4	6.265	5.306	15591545	14068789	86.035	80.196
30) L6 AR-1254-5	6.682	5.714	6383922	7824815	32.006	30.693
31) L7 AR-1260-1	6.145	5.212	3199464	9197434	15.628	46.500 #
32) L7 AR-1260-2	6.407	5.399	4017602	3416522	16.632	14.311
33) L7 AR-1260-3	6.761	5.536	246222	3624871	1.530	16.048 #
34) L7 AR-1260-4	6.982	6.003	855903	388193	4.639	2.256 #
35) L7 AR-1260-5	7.293	6.255	936638	757659	2.636	1.899 #
36) L8 AR-1262-1	6.761	5.808	246222	218333	0.942	1.994 #
37) L8 AR-1262-2	7.293	6.003	936638	388193	2.202	1.572 #
38) L8 AR-1262-3	7.573	6.546	573682	665232	2.002	3.284 #
39) L8 AR-1262-4	7.661	6.588	853367	866036	3.719	2.324 #
40) L8 AR-1262-5	8.155	7.102	100815	102821	0.708	0.569
41) L9 AR-1268-1	7.573	6.546	573682	665232	1.160	1.159

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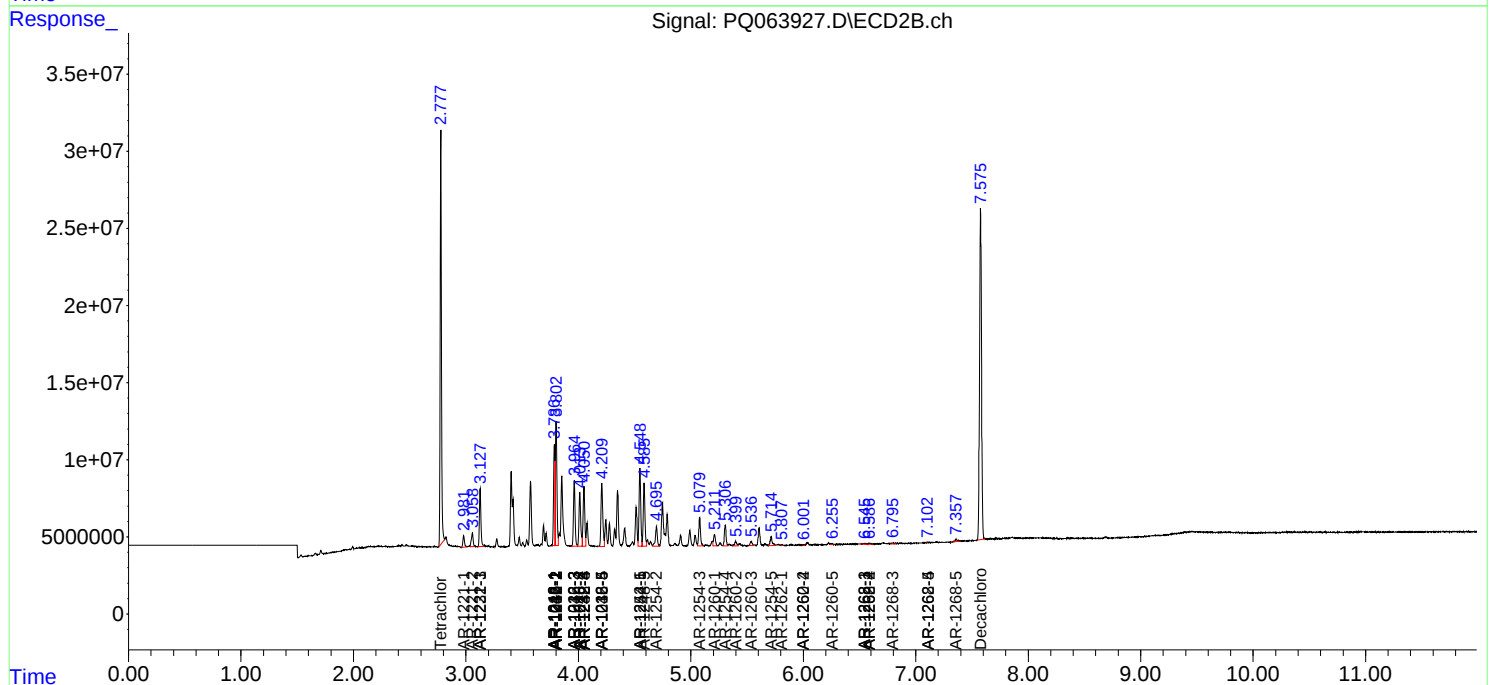
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

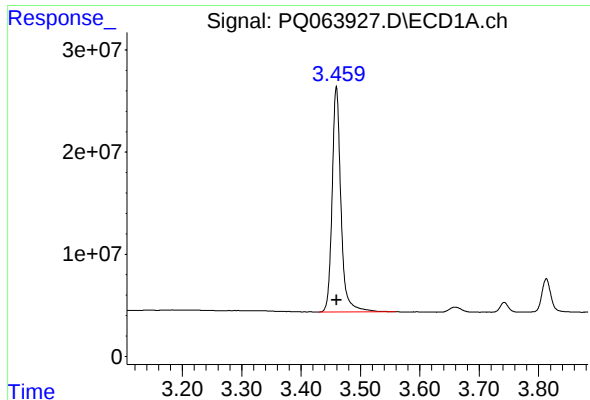
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.661	6.588	853367	866036	1.906	1.668
43) L9	AR-1268-3	7.829	6.795	946253	1029264	2.425	2.220
44) L9	AR-1268-4	8.155	7.102	100815	102821	0.645	0.526
45) L9	AR-1268-5	8.454	7.357	1203222	2310753	1.067	1.510 #

(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

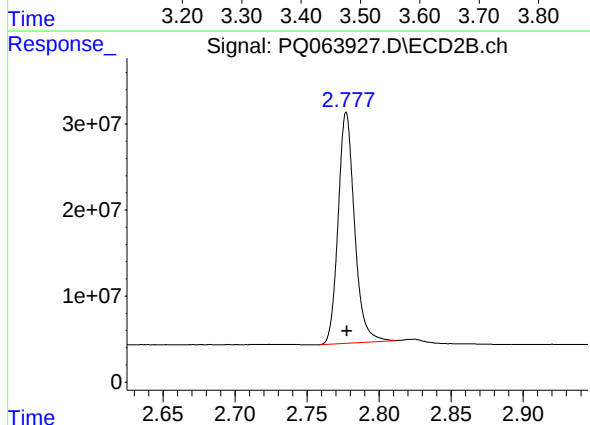




#1 Tetrachloro-m-xylene

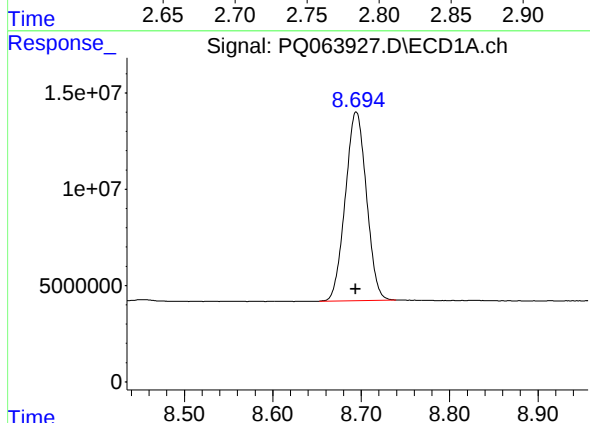
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 227494627
Conc: 53.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



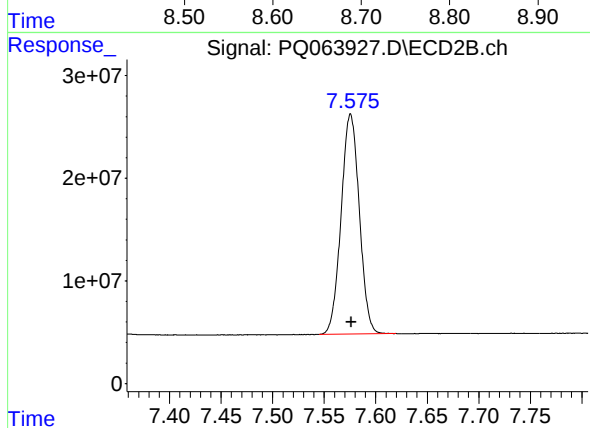
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 211419411
Conc: 57.49 ng/ml



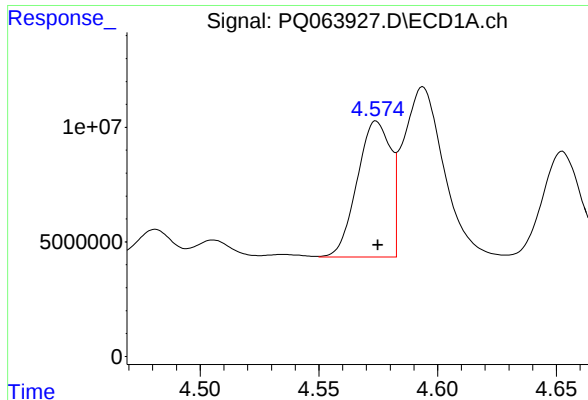
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 162790982
Conc: 50.42 ng/ml



#2 Decachlorobiphenyl

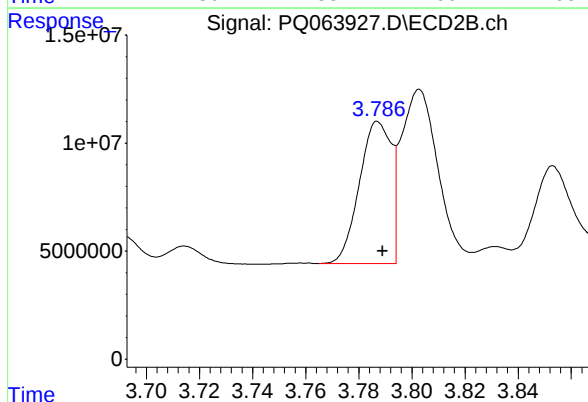
R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 263333168
Conc: 56.20 ng/ml



#3 AR-1016-1

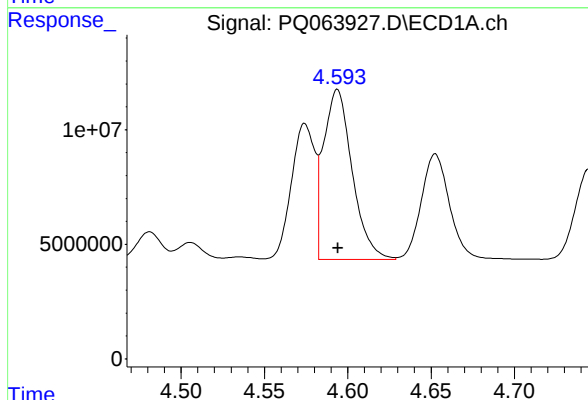
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 58234292
Conc: 422.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



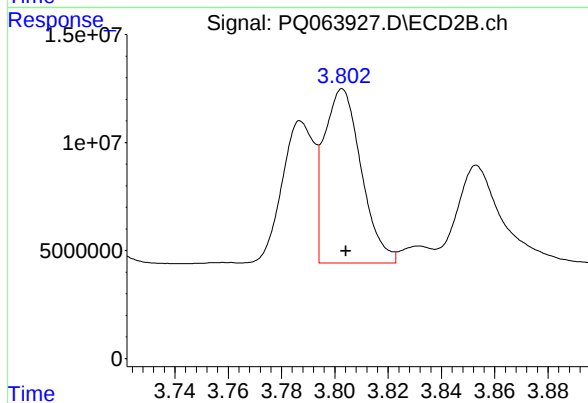
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 54586636
Conc: 433.30 ng/ml



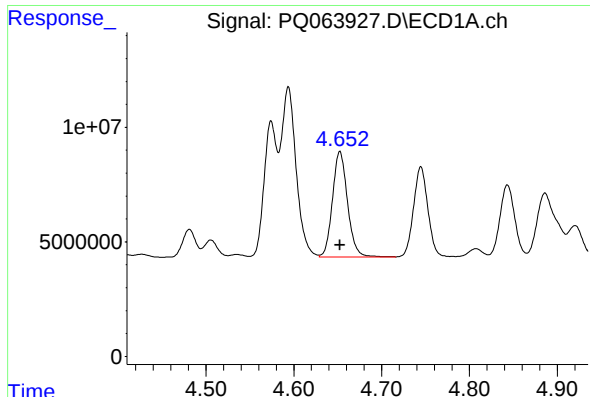
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 88681910
Conc: 419.87 ng/ml



#4 AR-1016-2

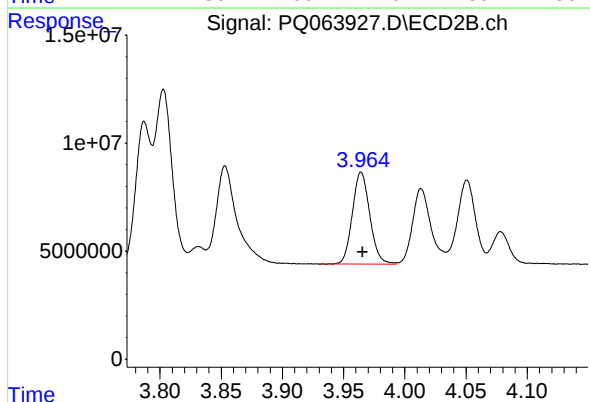
R.T.: 3.803 min
Delta R.T.: -0.001 min
Response: 77919069
Conc: 430.06 ng/ml



#5 AR-1016-3

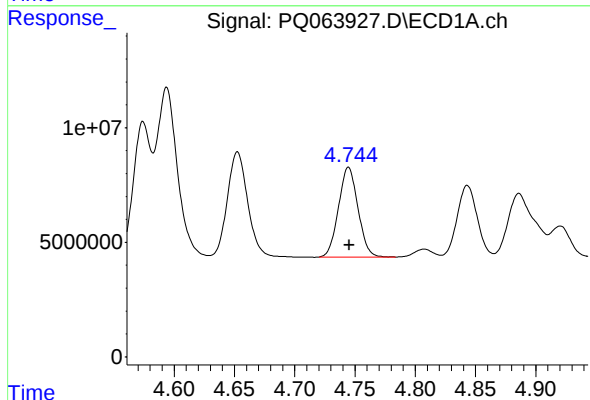
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 54724766
Conc: 410.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



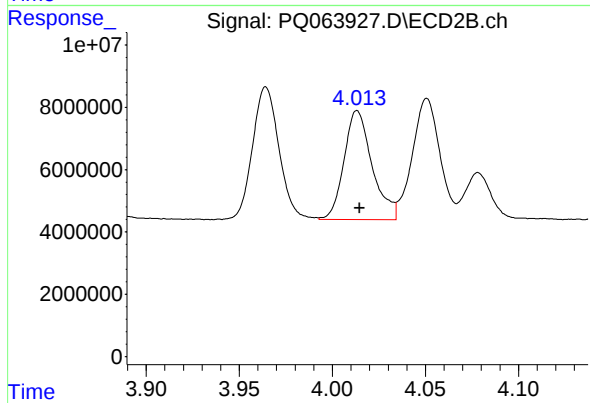
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 42077700
Conc: 431.79 ng/ml



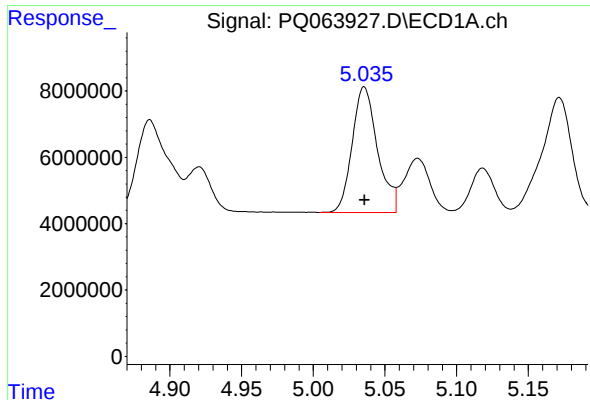
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 44089019
Conc: 419.34 ng/ml



#6 AR-1016-4

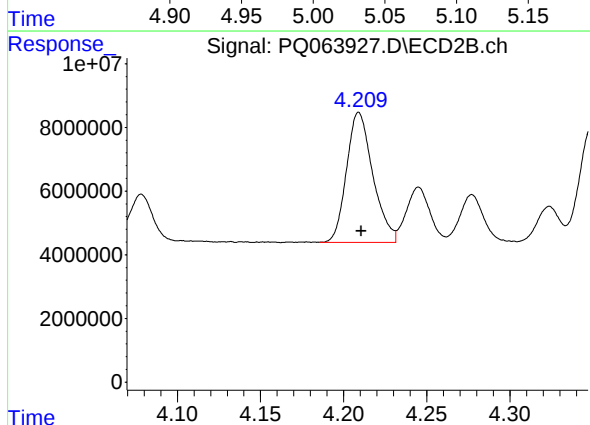
R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 36768905
Conc: 435.82 ng/ml



#7 AR-1016-5

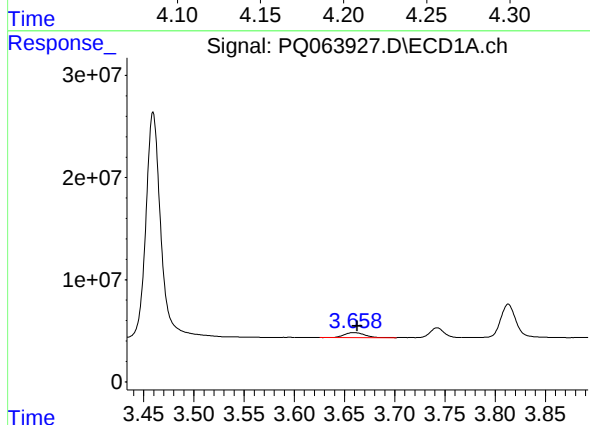
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 46582107
Conc: 439.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



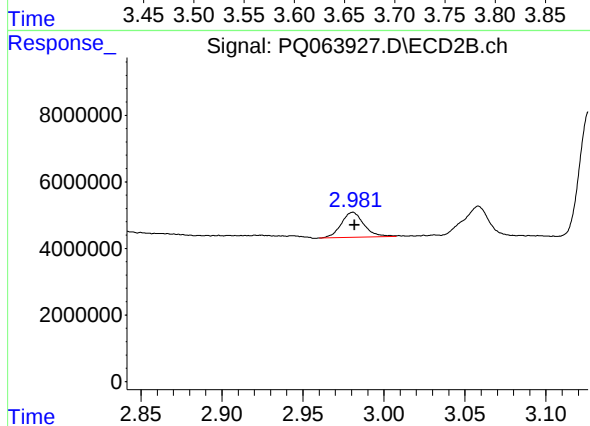
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 45142536
Conc: 451.38 ng/ml



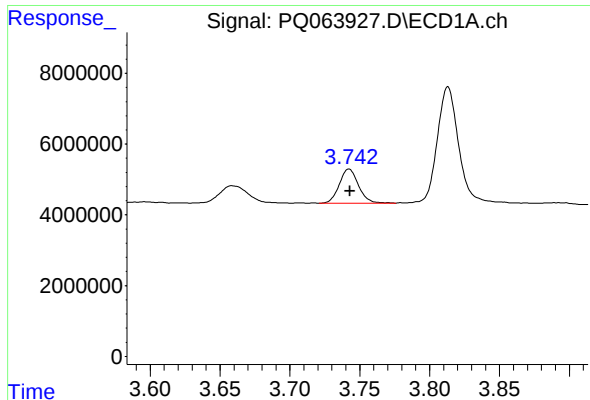
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 6863757
Conc: 126.84 ng/ml



#8 AR-1221-1

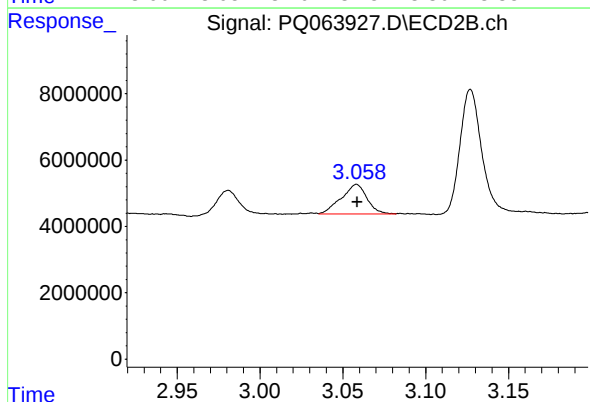
R.T.: 2.981 min
Delta R.T.: 0.000 min
Response: 7287742
Conc: 141.42 ng/ml



#9 AR-1221-2

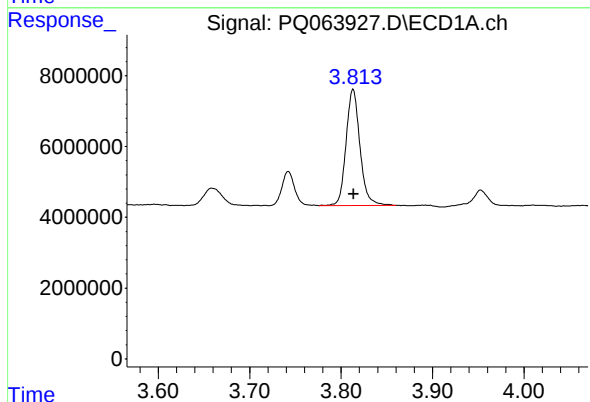
R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 9217731
Conc: 252.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



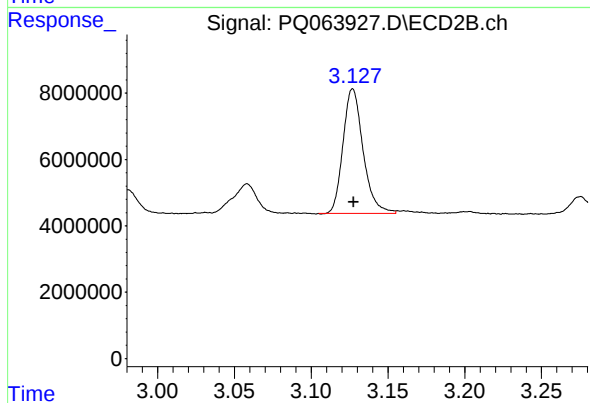
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 9615119
Conc: 275.76 ng/ml



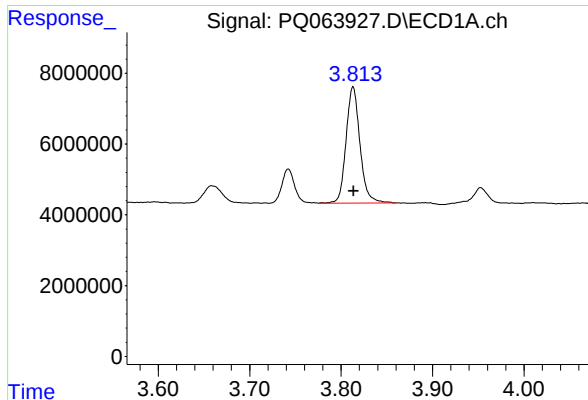
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 34658162
Conc: 291.84 ng/ml



#10 AR-1221-3

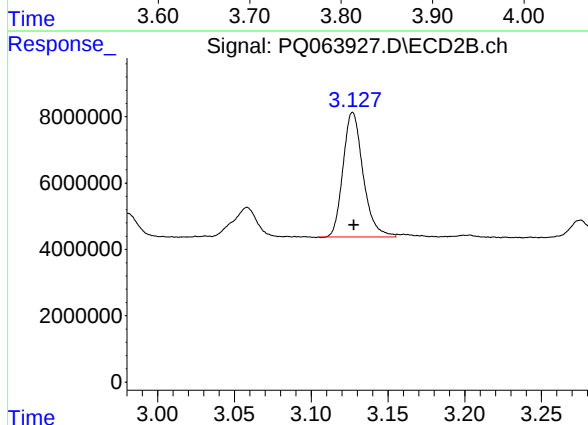
R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 34255762
Conc: 310.56 ng/ml



#11 AR-1232-1

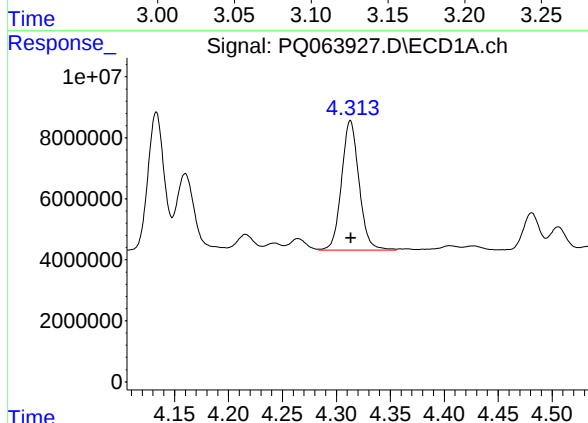
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 34658162
Conc: 370.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



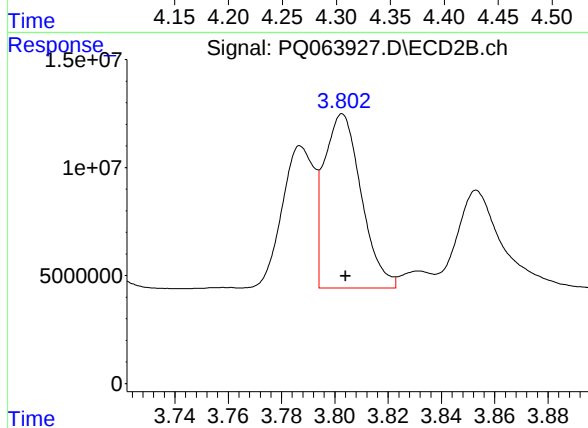
#11 AR-1232-1

R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 34255762
Conc: 395.61 ng/ml



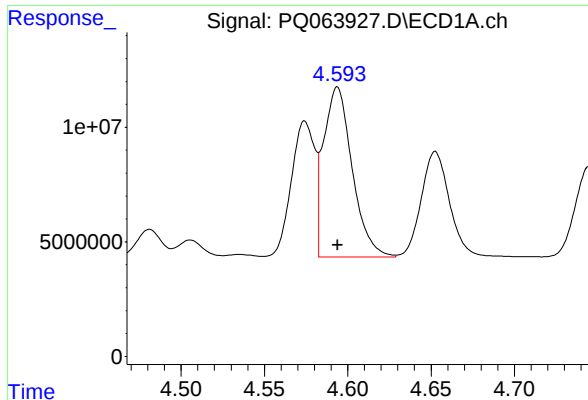
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 47940791
Conc: 912.86 ng/ml



#12 AR-1232-2

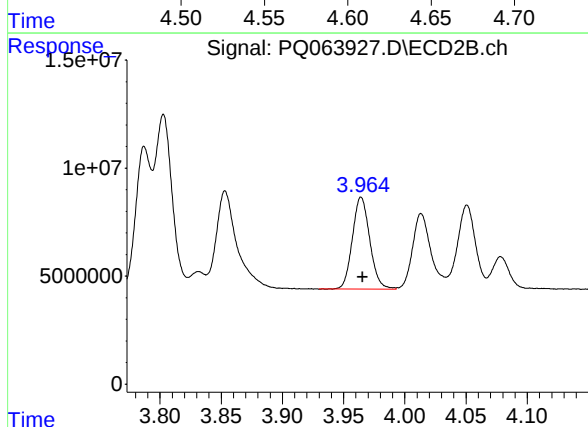
R.T.: 3.803 min
Delta R.T.: -0.001 min
Response: 77919069
Conc: 979.60 ng/ml



#13 AR-1232-3

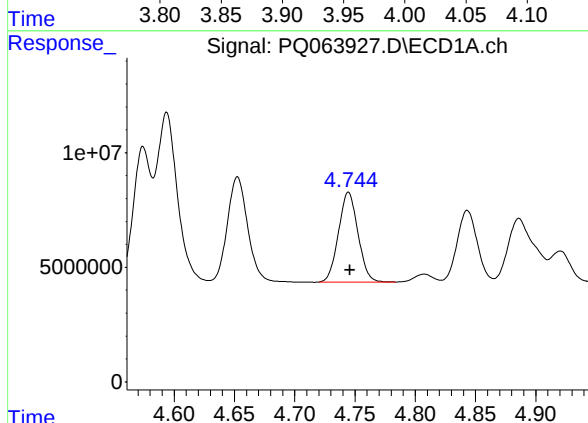
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 88681910
Conc: 985.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



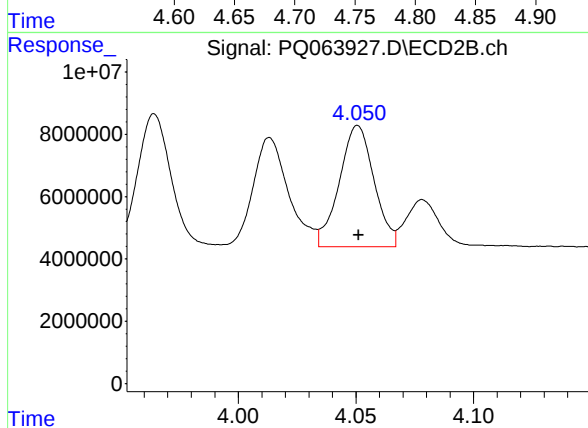
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 42077700
Conc: 1016.39 ng/ml



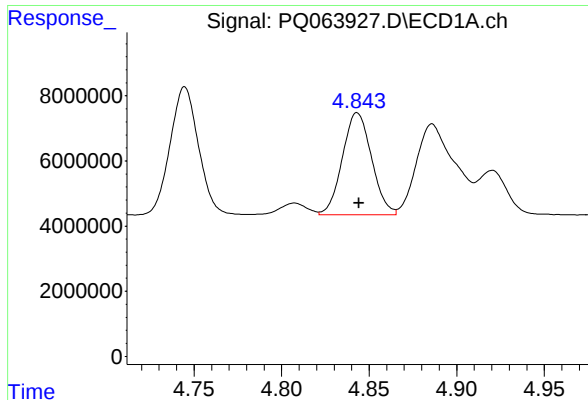
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 44089019
Conc: 1008.32 ng/ml



#14 AR-1232-4

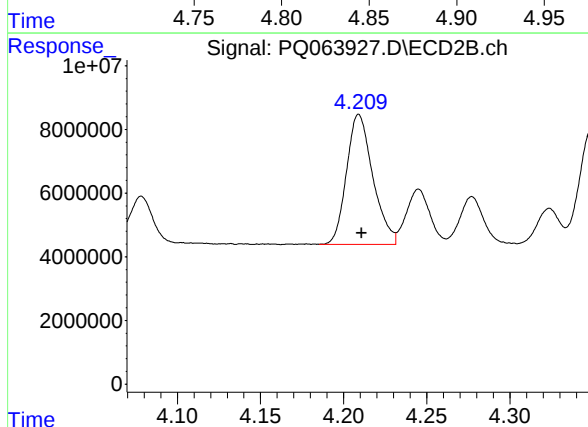
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 39955491
Conc: 1100.20 ng/ml



#15 AR-1232-5

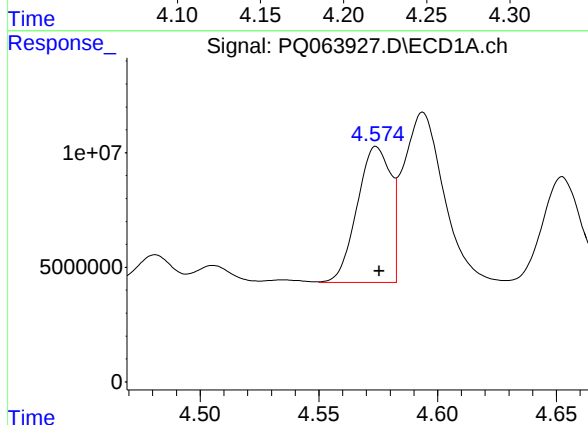
R.T.: 4.843 min
Delta R.T.: -0.001 min
Response: 36357442
Conc: 1087.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



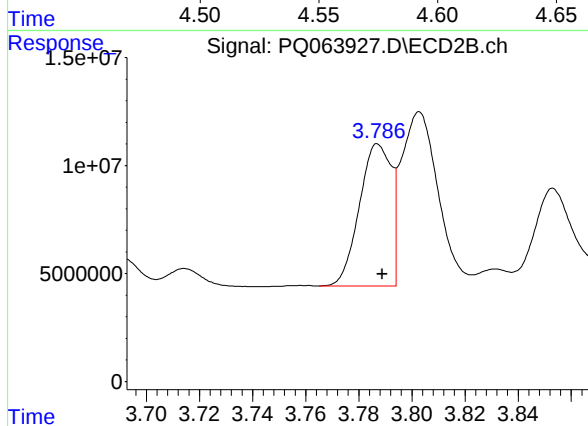
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 45142536
Conc: 1074.38 ng/ml



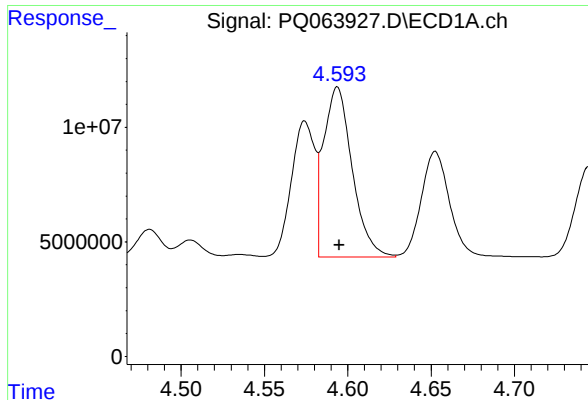
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 58234292
Conc: 516.79 ng/ml



#16 AR-1242-1

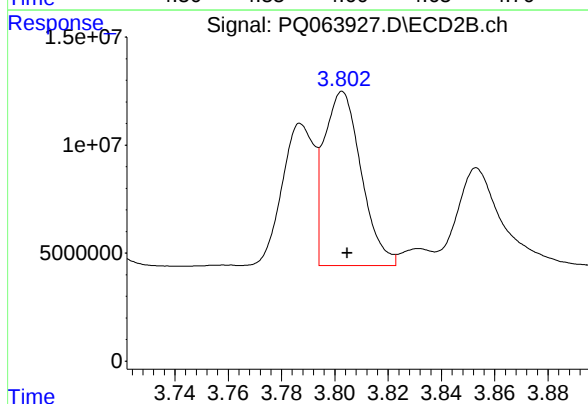
R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 54586636
Conc: 530.65 ng/ml



#17 AR-1242-2

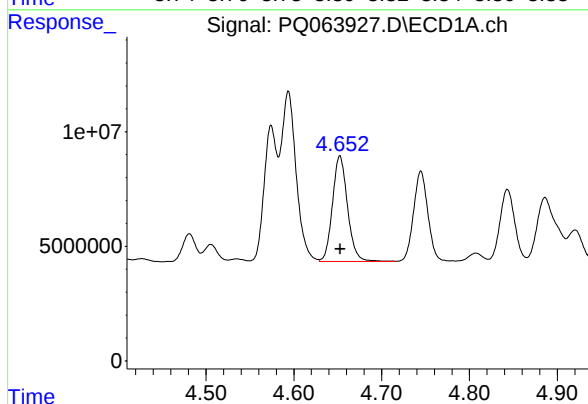
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 88681910
Conc: 524.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



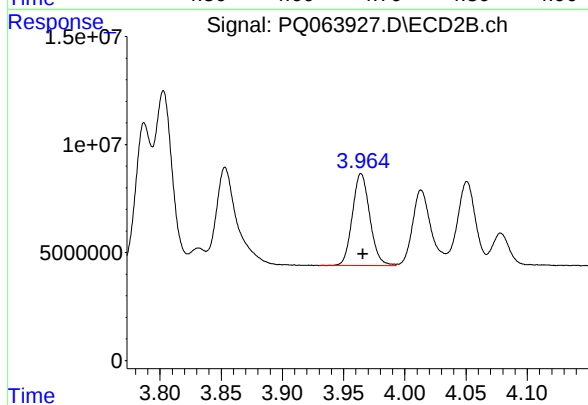
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 77919069
Conc: 528.01 ng/ml



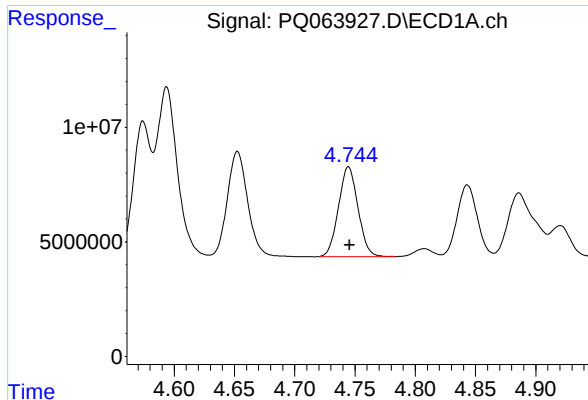
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 54724766
Conc: 518.49 ng/ml



#18 AR-1242-3

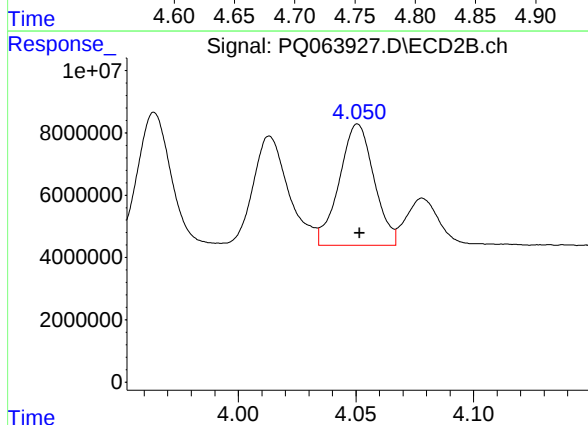
R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 42077700
Conc: 528.91 ng/ml



#19 AR-1242-4

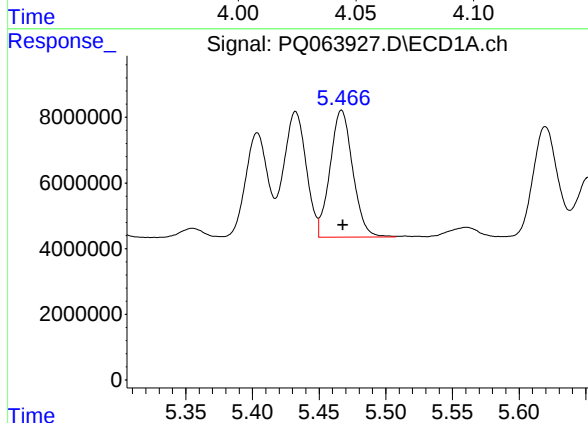
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 44089019
Conc: 519.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



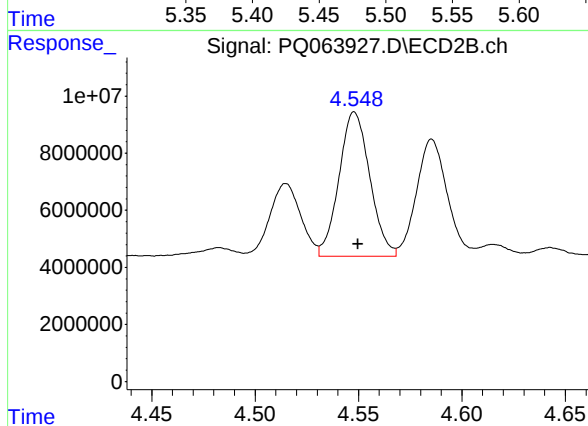
#19 AR-1242-4

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 39955491
Conc: 526.52 ng/ml



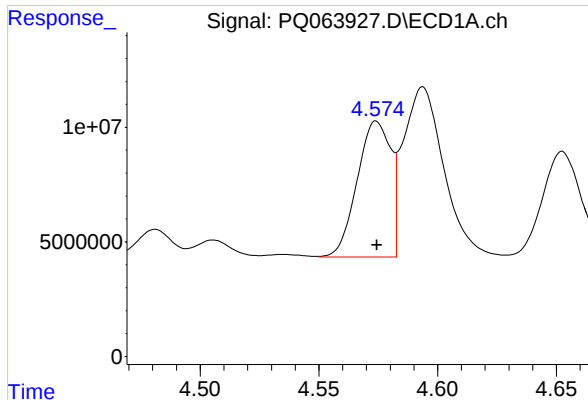
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 45710732
Conc: 516.96 ng/ml



#20 AR-1242-5

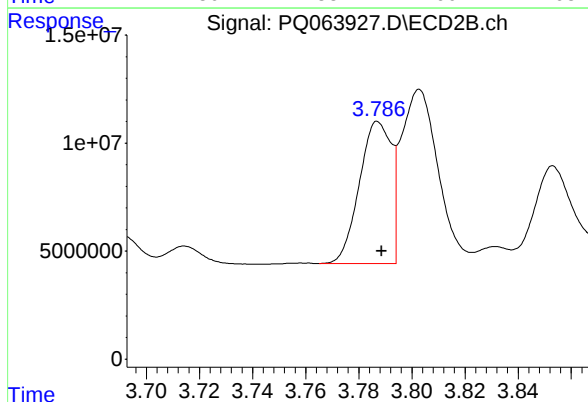
R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 52339890
Conc: 520.31 ng/ml



#21 AR-1248-1

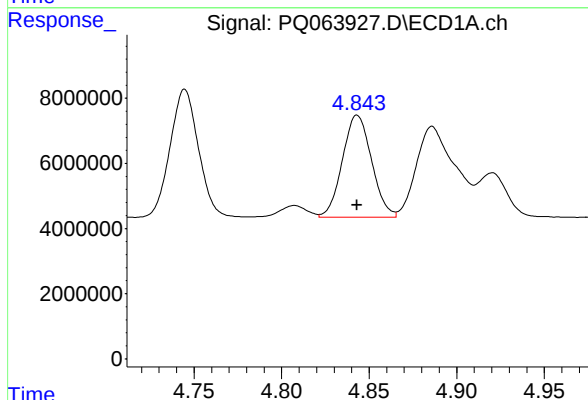
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 58234292
Conc: 699.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



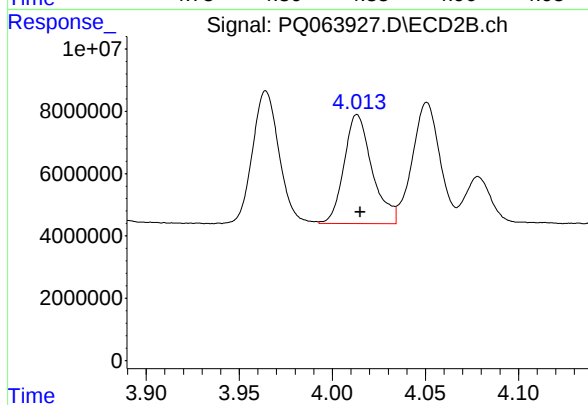
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.001 min
Response: 54586636
Conc: 700.06 ng/ml



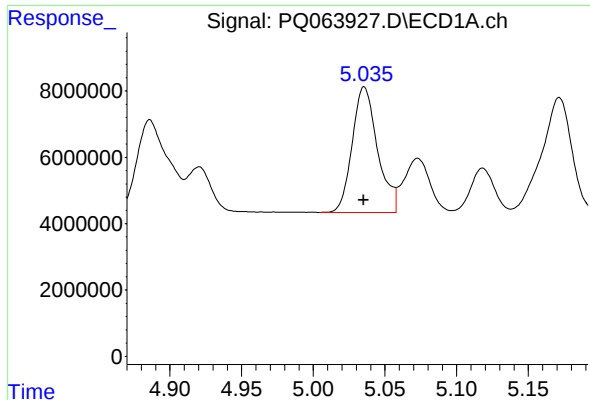
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 36357442
Conc: 299.56 ng/ml



#22 AR-1248-2

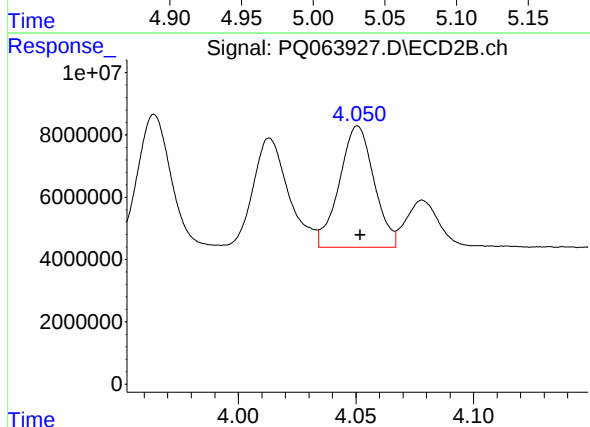
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 36768905
Conc: 310.18 ng/ml



#23 AR-1248-3

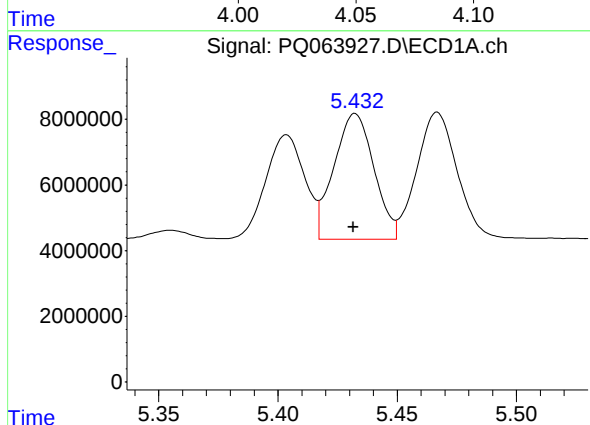
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 46582107
Conc: 321.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



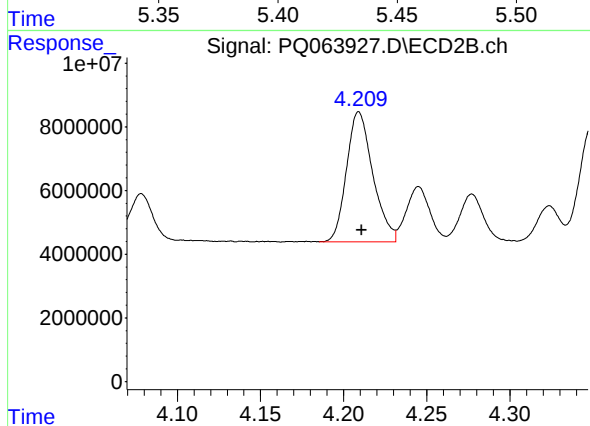
#23 AR-1248-3

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 39955491
Conc: 354.65 ng/ml



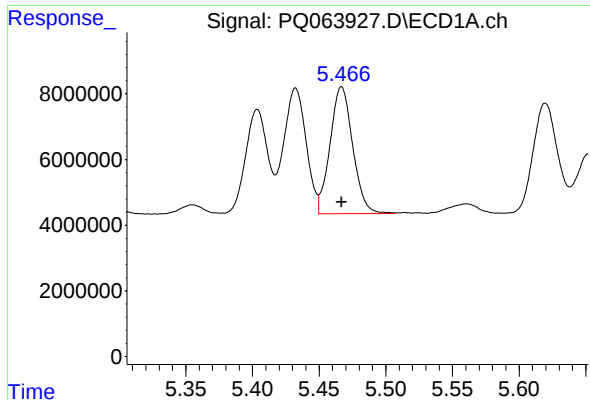
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 44741646
Conc: 288.70 ng/ml



#24 AR-1248-4

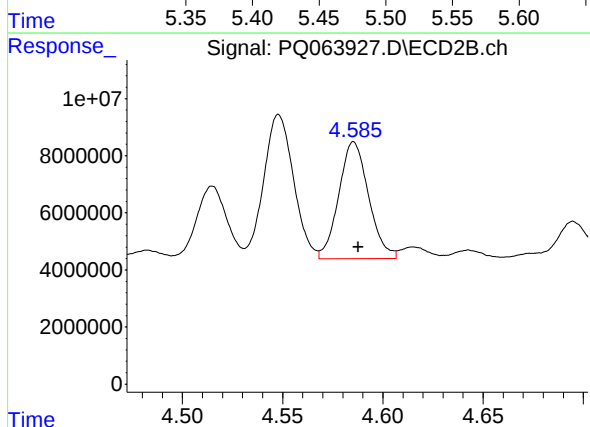
R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 45142536
Conc: 327.93 ng/ml



#25 AR-1248-5

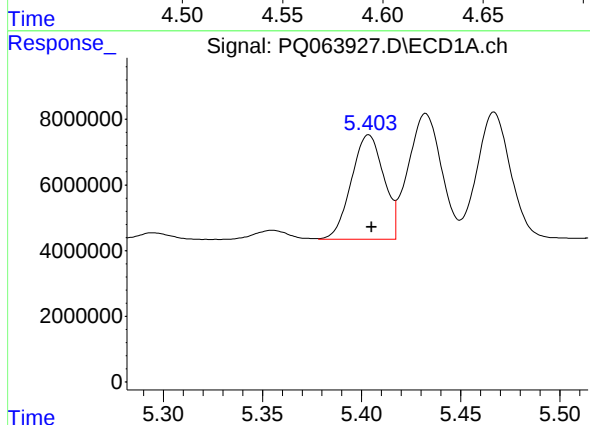
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 45710732
Conc: 298.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



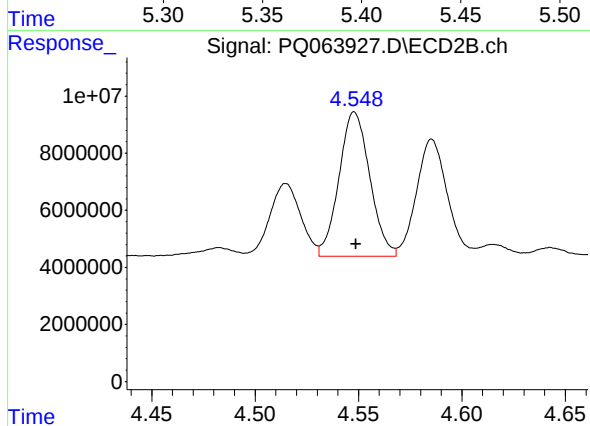
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.002 min
Response: 42379231
Conc: 315.63 ng/ml



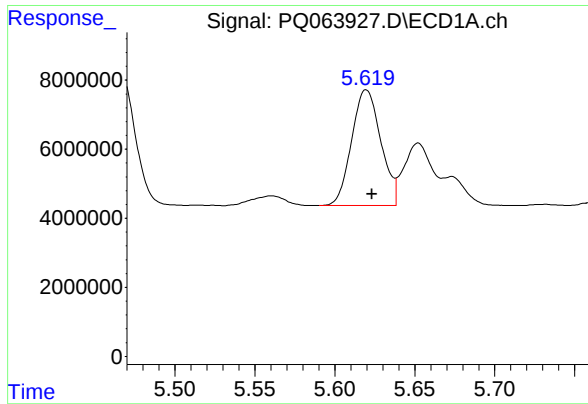
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 36370637
Conc: 231.73 ng/ml



#26 AR-1254-1

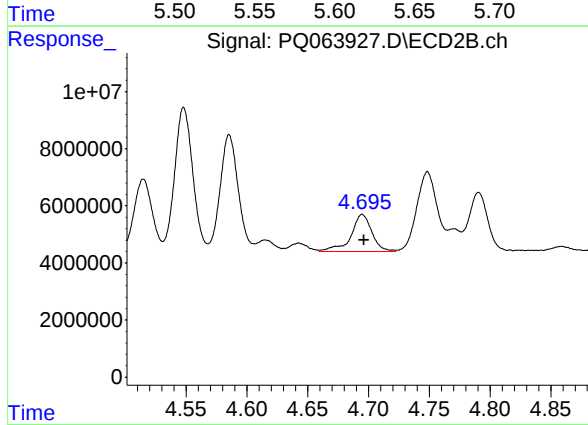
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 52339890
Conc: 269.29 ng/ml



#27 AR-1254-2

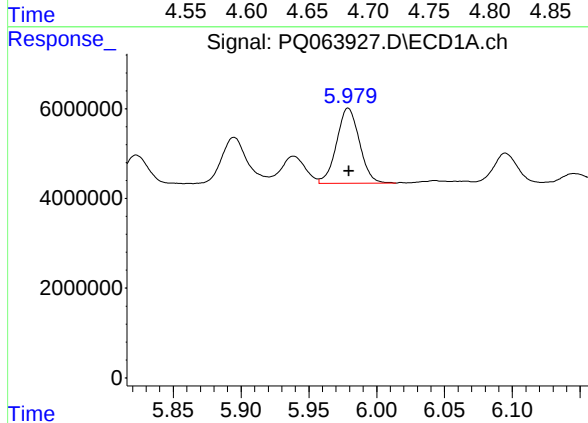
R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 42575923
Conc: 179.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



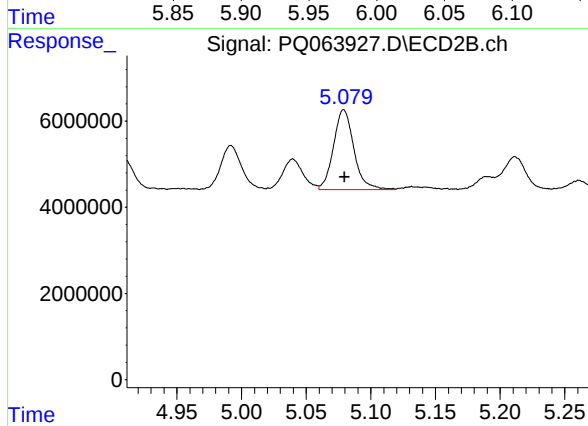
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: -0.001 min
Response: 15710876
Conc: 90.19 ng/ml



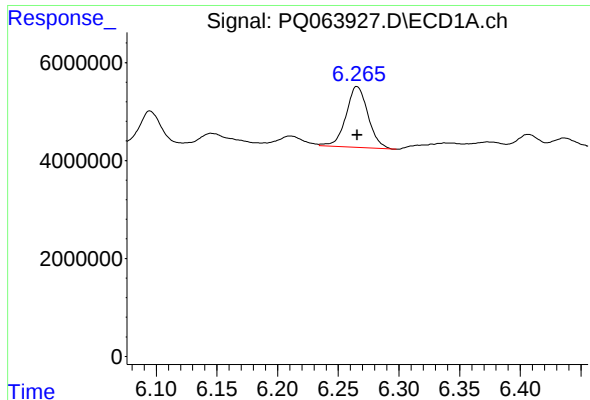
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 19677882
Conc: 79.37 ng/ml



#28 AR-1254-3

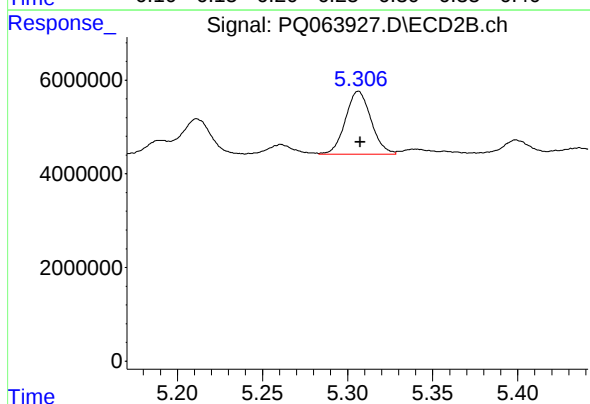
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 20383282
Conc: 76.15 ng/ml



#29 AR-1254-4

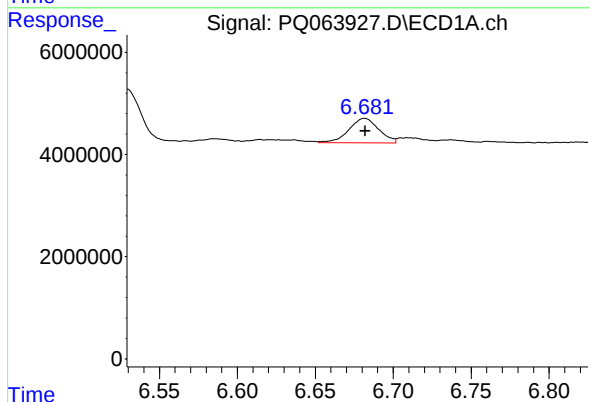
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 15591545
Conc: 86.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



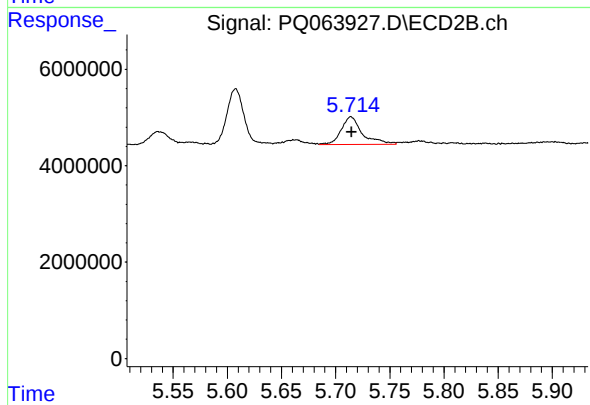
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: -0.001 min
Response: 14068789
Conc: 80.20 ng/ml



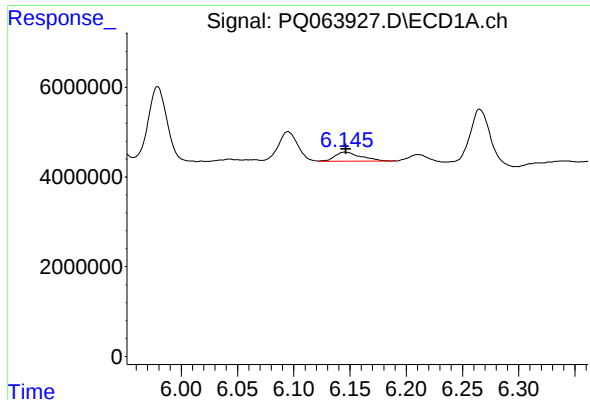
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 6383922
Conc: 32.01 ng/ml



#30 AR-1254-5

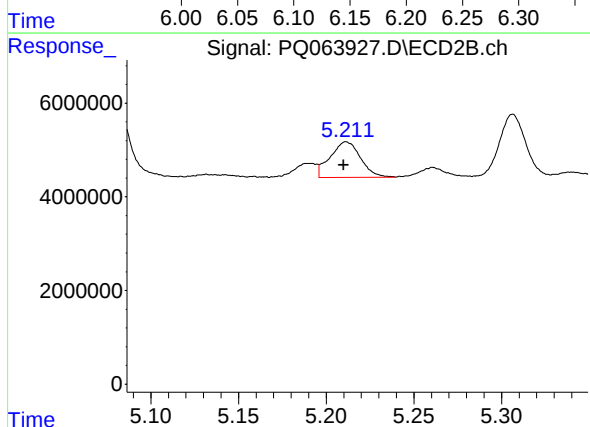
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 7824815
Conc: 30.69 ng/ml



#31 AR-1260-1

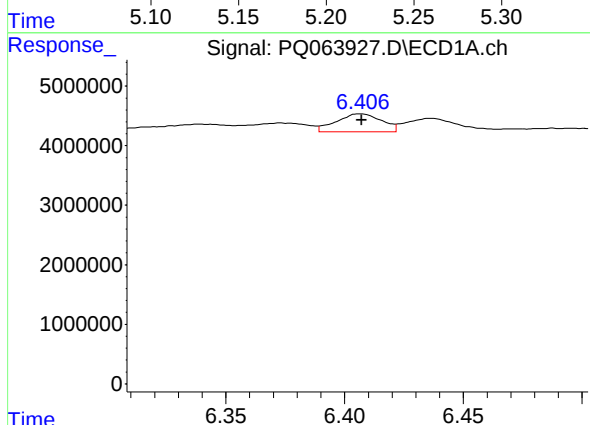
R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 3199464
Conc: 15.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



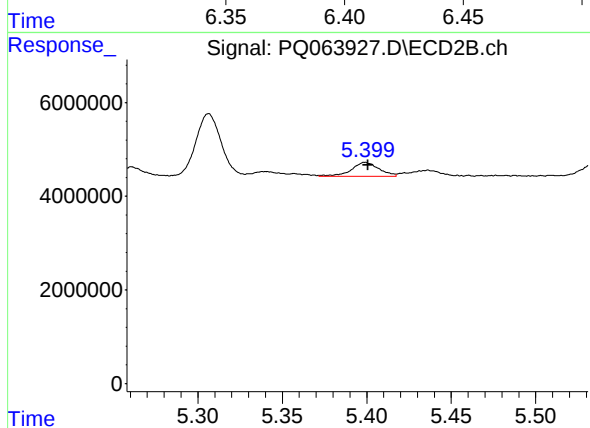
#31 AR-1260-1

R.T.: 5.212 min
Delta R.T.: 0.001 min
Response: 9197434
Conc: 46.50 ng/ml



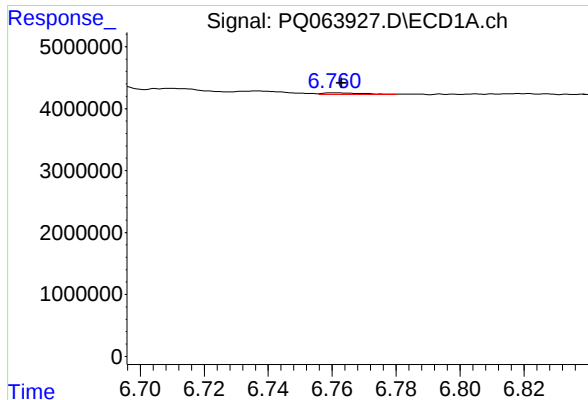
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 4017602
Conc: 16.63 ng/ml



#32 AR-1260-2

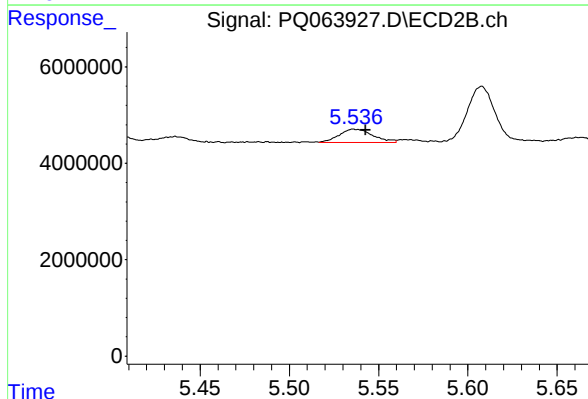
R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 3416522
Conc: 14.31 ng/ml



#33 AR-1260-3

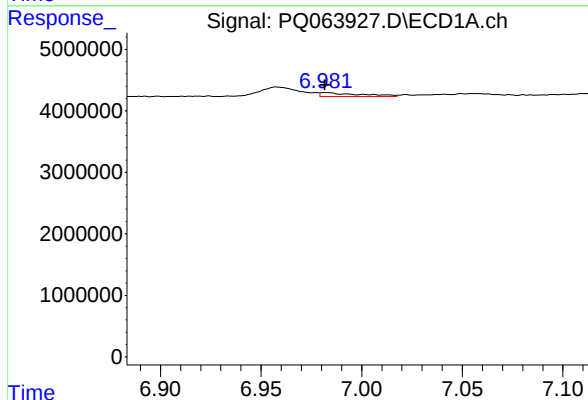
R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 246222
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



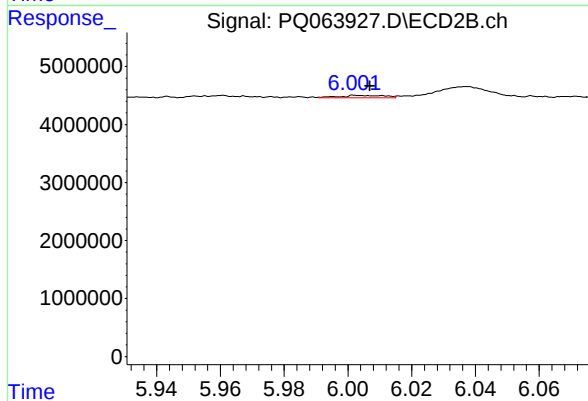
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 3624871
Conc: 16.05 ng/ml



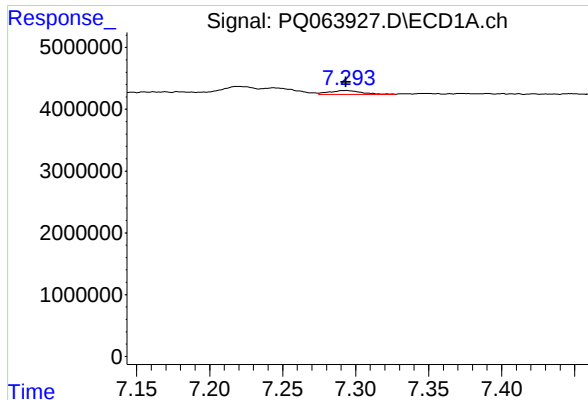
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 855903
Conc: 4.64 ng/ml



#34 AR-1260-4

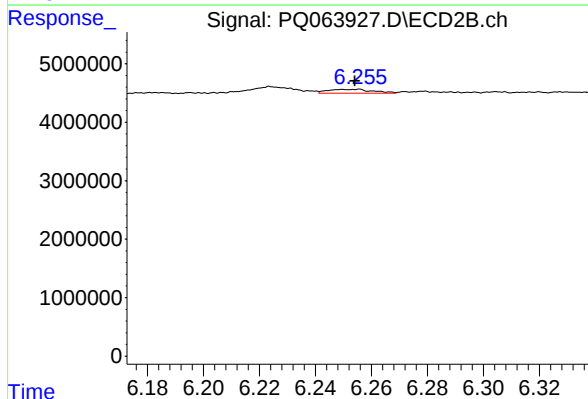
R.T.: 6.003 min
Delta R.T.: -0.004 min
Response: 388193
Conc: 2.26 ng/ml



#35 AR-1260-5

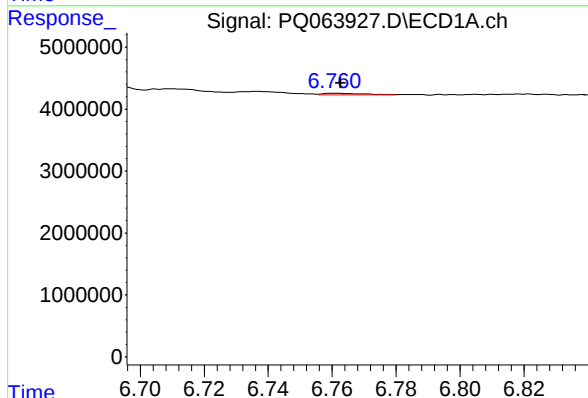
R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 936638
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



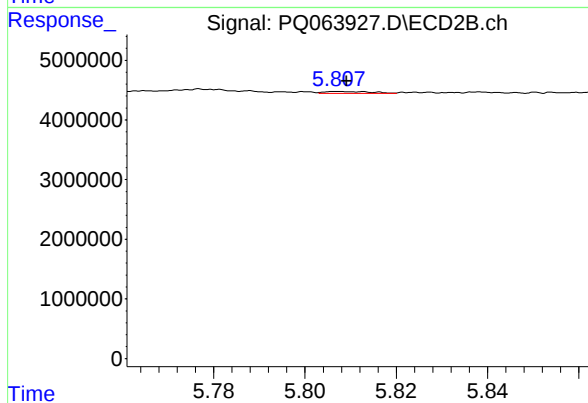
#35 AR-1260-5

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 757659
Conc: 1.90 ng/ml



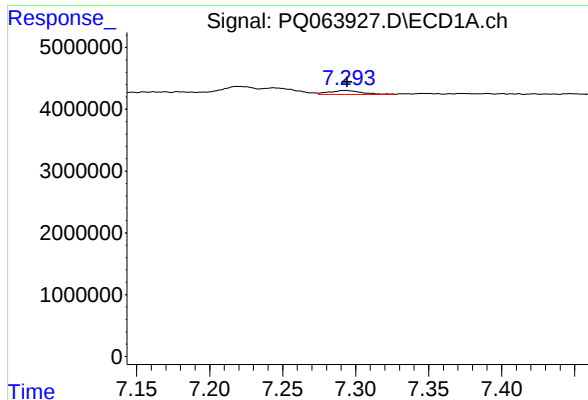
#36 AR-1262-1

R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 246222
Conc: 0.94 ng/ml



#36 AR-1262-1

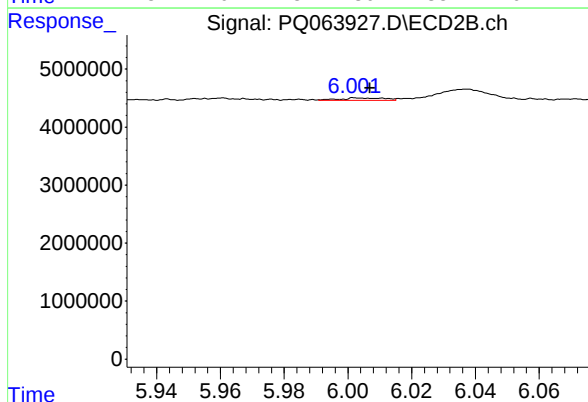
R.T.: 5.808 min
Delta R.T.: -0.001 min
Response: 218333
Conc: 1.99 ng/ml



#37 AR-1262-2

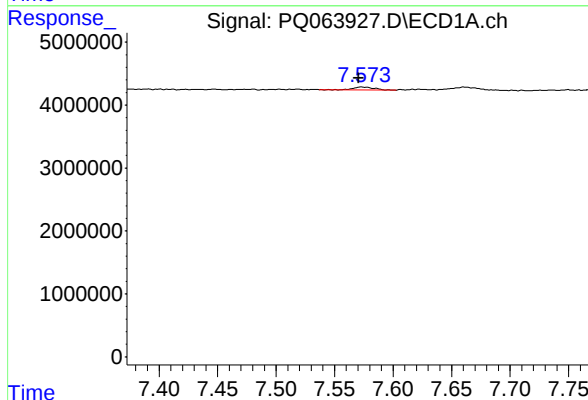
R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 936638
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



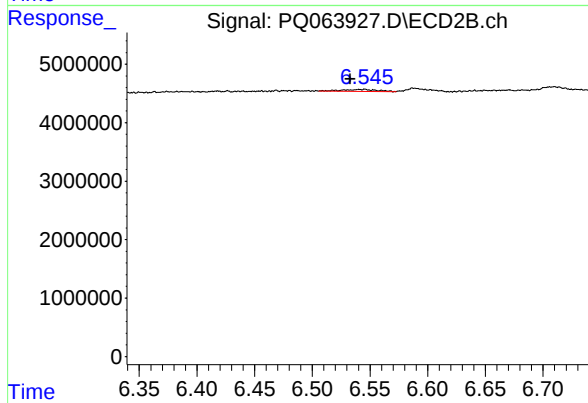
#37 AR-1262-2

R.T.: 6.003 min
Delta R.T.: -0.004 min
Response: 388193
Conc: 1.57 ng/ml



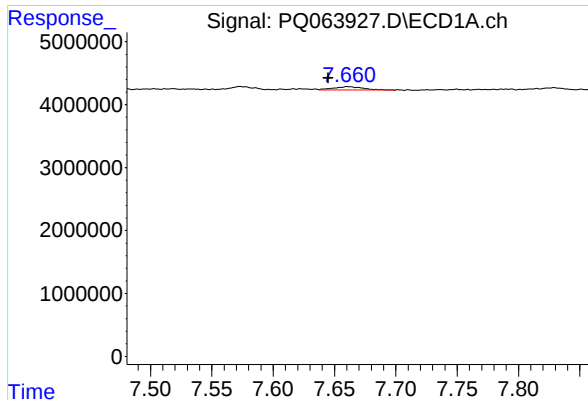
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.003 min
Response: 573682
Conc: 2.00 ng/ml



#38 AR-1262-3

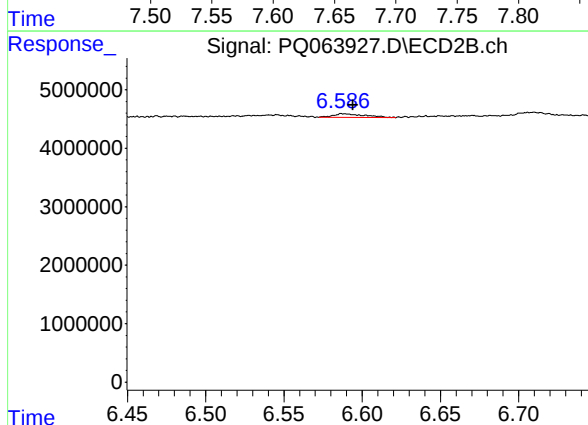
R.T.: 6.546 min
Delta R.T.: 0.012 min
Response: 665232
Conc: 3.28 ng/ml



#39 AR-1262-4

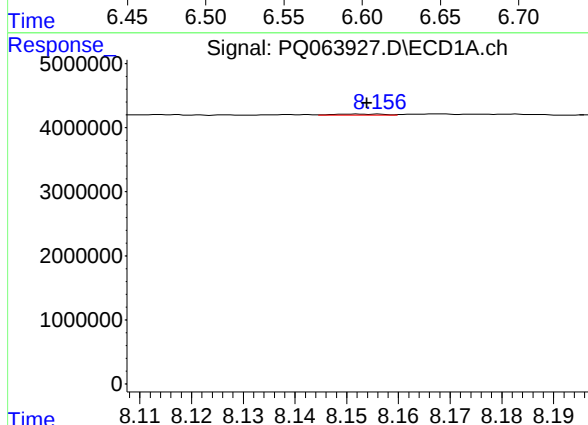
R.T.: 7.661 min
Delta R.T.: 0.016 min
Response: 853367
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



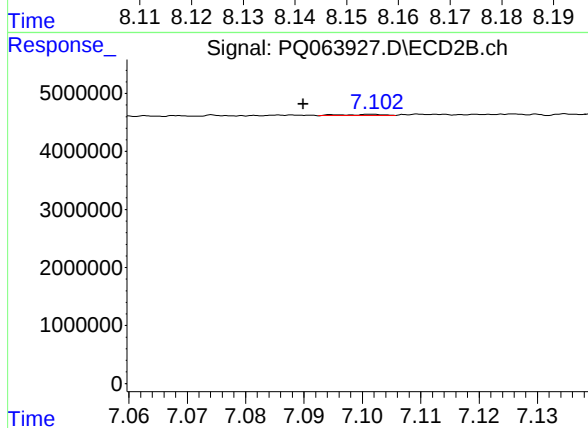
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 866036
Conc: 2.32 ng/ml



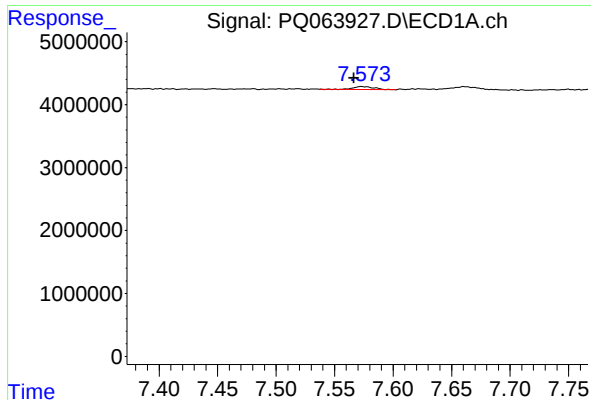
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 100815
Conc: 0.71 ng/ml



#40 AR-1262-5

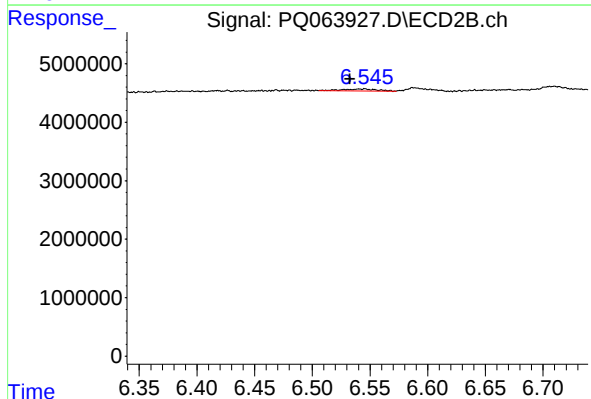
R.T.: 7.102 min
Delta R.T.: 0.012 min
Response: 102821
Conc: 0.57 ng/ml



#41 AR-1268-1

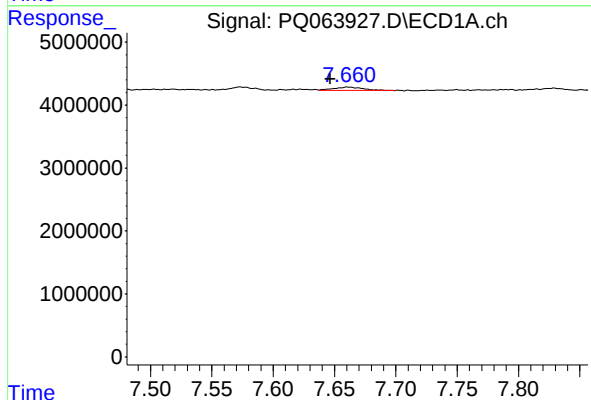
R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 573682
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



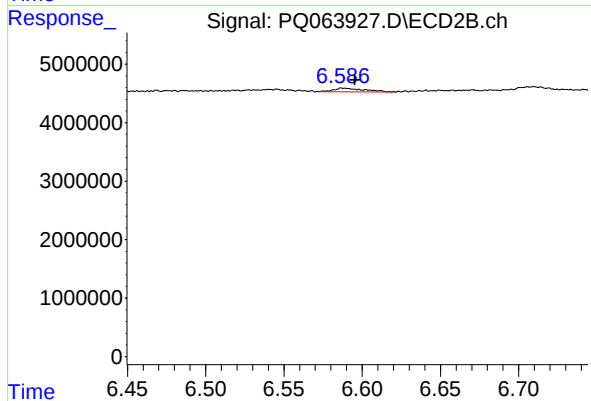
#41 AR-1268-1

R.T.: 6.546 min
Delta R.T.: 0.013 min
Response: 665232
Conc: 1.16 ng/ml



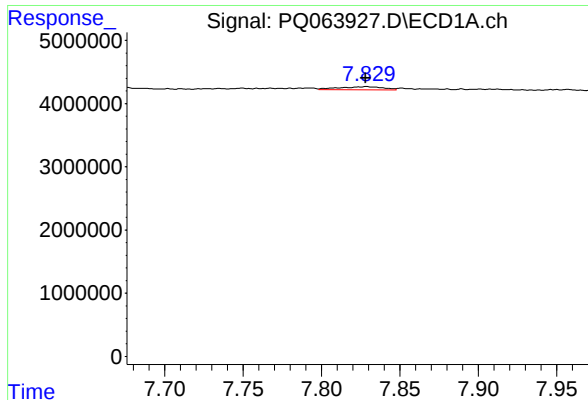
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.015 min
Response: 853367
Conc: 1.91 ng/ml



#42 AR-1268-2

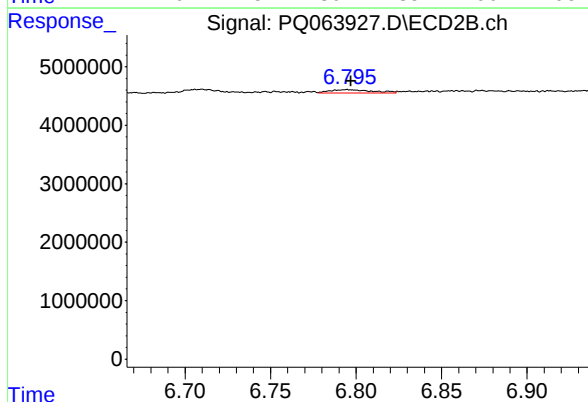
R.T.: 6.588 min
Delta R.T.: -0.007 min
Response: 866036
Conc: 1.67 ng/ml



#43 AR-1268-3

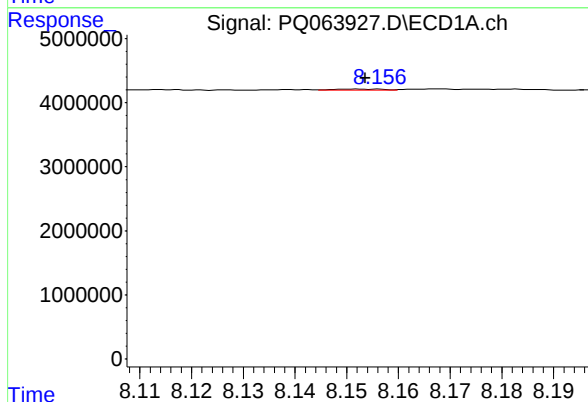
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 946253
Conc: 2.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



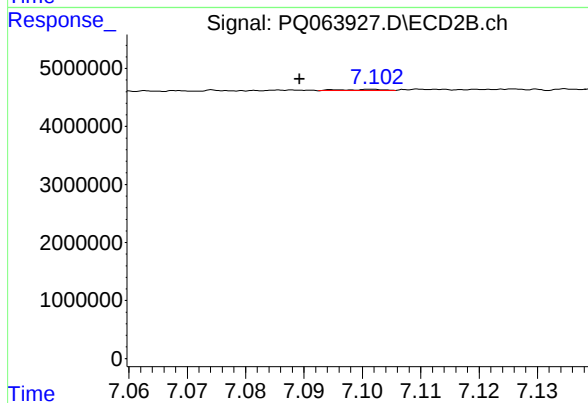
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 1029264
Conc: 2.22 ng/ml



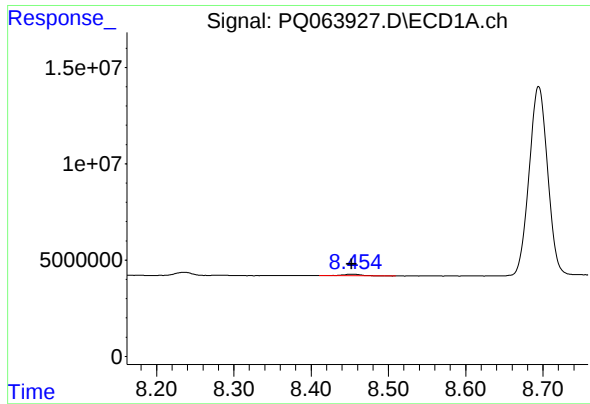
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 100815
Conc: 0.64 ng/ml



#44 AR-1268-4

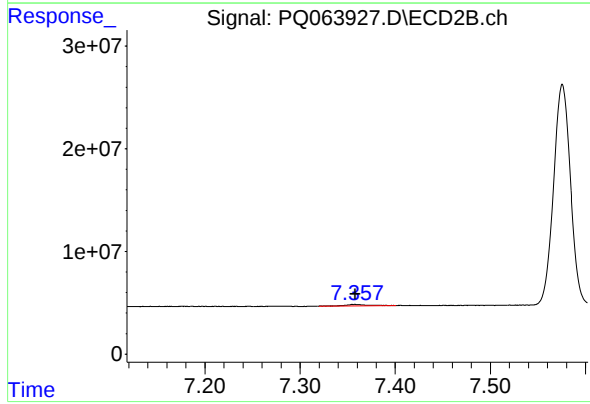
R.T.: 7.102 min
Delta R.T.: 0.013 min
Response: 102821
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 1203222
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2310753
Conc: 1.51 ng/ml