

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 02:23
 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: Jul 13 05:06:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.404	2.758	236.1E6	133.7E6	48.391	53.302
2)	SA Decachlor...	8.583	7.526	148.4E6	134.2E6	40.843	40.264
Target Compounds							
3)	L1 AR-1016-1	4.504	3.759	61687752	38310330	374.505	387.069
4)	L1 AR-1016-2	4.523	3.774	90477911	55019726	365.910	381.554
5)	L1 AR-1016-3	4.581	3.934	56896449	28694345	373.322	380.346
6)	L1 AR-1016-4	4.672	3.984	46632194	25834818	372.030	393.349
7)	L1 AR-1016-5	4.960	4.178	48130723	33021465	395.432	402.791
8)	L2 AR-1221-1	3.601	2.959	7410756	5245643	123.291	158.976 #
9)	L2 AR-1221-2	3.683	3.035	12201882	7365042	271.559	289.962
10)	L2 AR-1221-3	3.753	3.104	37872935	22165346	269.523	287.522
11)	L3 AR-1232-1	3.753	3.104	37872935	22165346	358.641	386.839
12)	L3 AR-1232-2	4.245	3.774	46499207	55019726	786.108	826.681
13)	L3 AR-1232-3	4.523	3.934	90477911	28694345	800.119	830.397
14)	L3 AR-1232-4	4.672	4.020	46632194	28091024	822.924	944.559
15)	L3 AR-1232-5	4.770	4.178	37598347	33021465	938.785	925.986
16)	L4 AR-1242-1	4.504	3.759	61687752	38310330	471.965	495.355
17)	L4 AR-1242-2	4.523	3.774	90477911	55019726	466.049	494.966
18)	L4 AR-1242-3	4.581	3.934	56896449	28694345	470.825	489.865
19)	L4 AR-1242-4	4.672	4.020	46632194	28091024	478.349	479.139
20)	L4 AR-1242-5	5.388	4.515	46692431	40417396	487.751	487.587
21)	L5 AR-1248-1	4.504	3.759	61687752	38310330	593.273	612.766
22)	L5 AR-1248-2	4.770	3.984	37598347	25834818	261.714	275.516
23)	L5 AR-1248-3	4.960	4.020	48130723	28091024	277.071	310.248
24)	L5 AR-1248-4	5.353	4.178	46196217	33021465	240.692	292.641
25)	L5 AR-1248-5	5.388	4.552	46692431	31225653	257.795	278.719
26)	L6 AR-1254-1	5.325	4.515	38698655	40417396	208.257	250.320
27)	L6 AR-1254-2	5.540	4.661	45999705	12442768	158.231	84.516 #
28)	L6 AR-1254-3	5.897	5.042	21531129	17953169	70.102	76.821
29)	L6 AR-1254-4	6.181	5.268	16532374	12662074	71.201	83.077
30)	L6 AR-1254-5	6.594	5.674	7699291	9168327	29.973	39.725 #
31)	L7 AR-1260-1	6.062	5.173	3939853	10469123	16.699	62.858 #
32)	L7 AR-1260-2	6.322	5.361	4154480	4424979	14.385	21.279 #
33)	L7 AR-1260-3	6.649f	5.497	1063090	6082231	6.021	31.262 #
34)	L7 AR-1260-4	6.869	5.962	3237799	84028	15.371	0.576 #
35)	L7 AR-1260-5	7.202	6.209	1154636	890736	2.812	2.682
36)	L8 AR-1262-1	6.649f	5.738	1063090	1109539	3.486	4.773 #
37)	L8 AR-1262-2	7.202	5.962	1154636	84028	2.192	0.389 #
38)	L8 AR-1262-3	7.484	6.484	816706	527446	2.318	3.026 #
39)	L8 AR-1262-4	7.531	6.542	126487	1580923	0.474	4.905 #
40)	L8 AR-1262-5	8.068	7.042	465077	263666	2.620	1.700 #
41)	L9 AR-1268-1	7.484	6.484	816706	527446	1.439	1.121

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 02:23
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

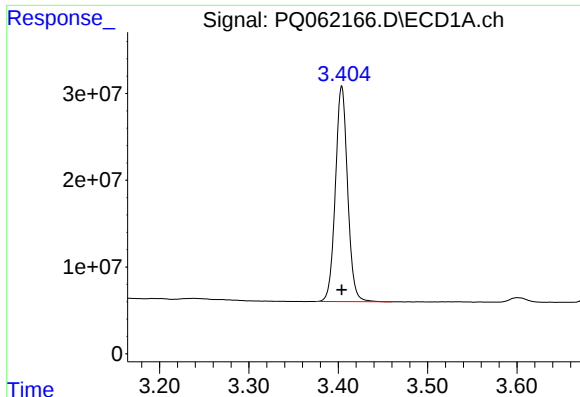
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:06:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.579	6.542	857943	1580923	1.683	3.731 #
43) L9	AR-1268-3	7.735	6.741	512809	320664	1.202	0.871 #
44) L9	AR-1268-4	8.068	7.042	465077	263666	2.542	1.649 #
45) L9	AR-1268-5	8.349	7.311	756589	1063352	0.600	0.911 #

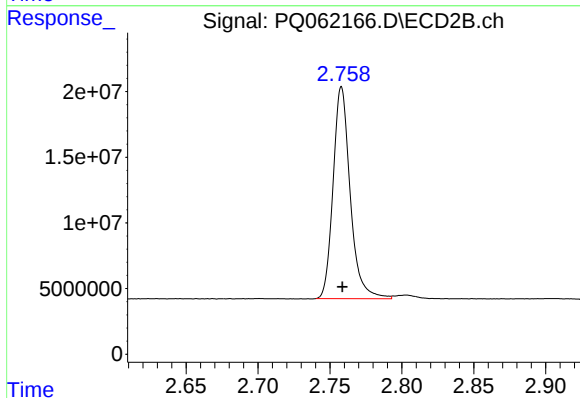
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

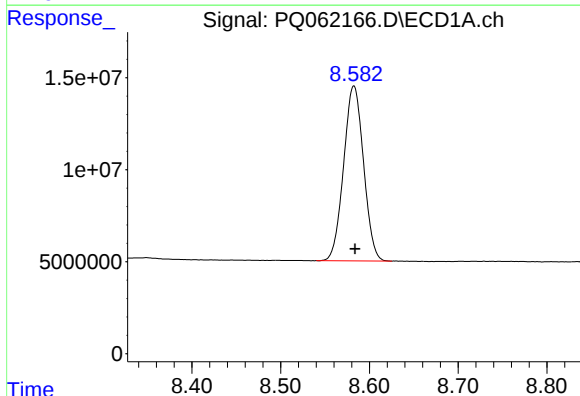
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 236058521
Conc: 48.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



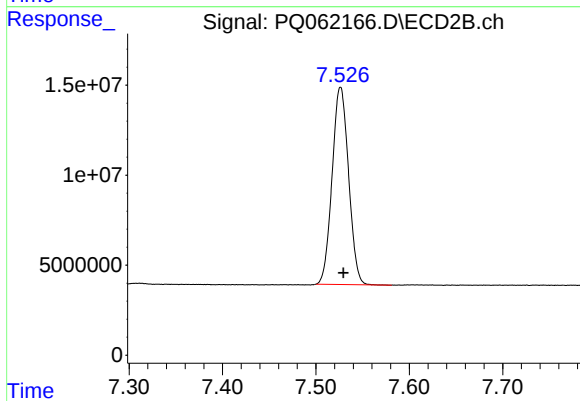
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 133741258
Conc: 53.30 ng/ml



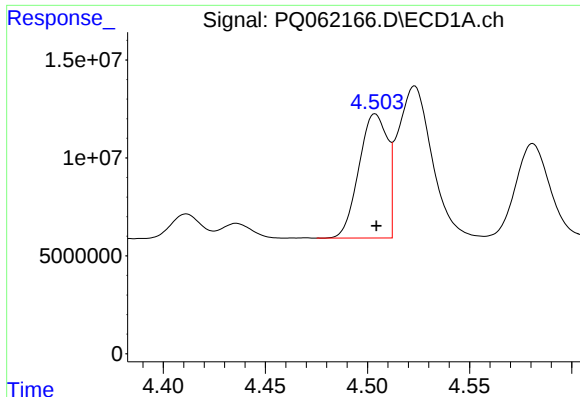
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 148372938
Conc: 40.84 ng/ml



#2 Decachlorobiphenyl

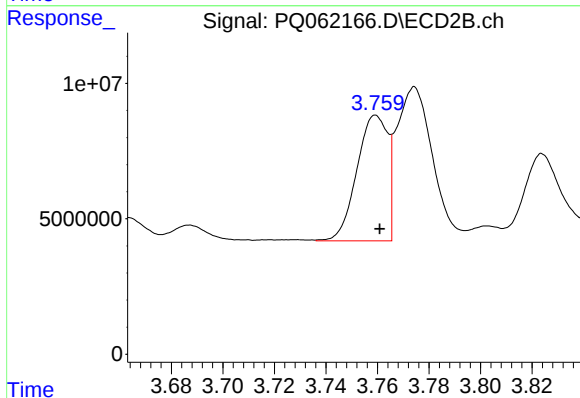
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 134168278
Conc: 40.26 ng/ml



#3 AR-1016-1

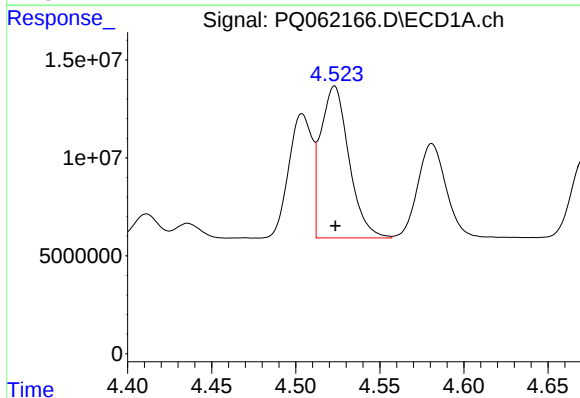
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 61687752
Conc: 374.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



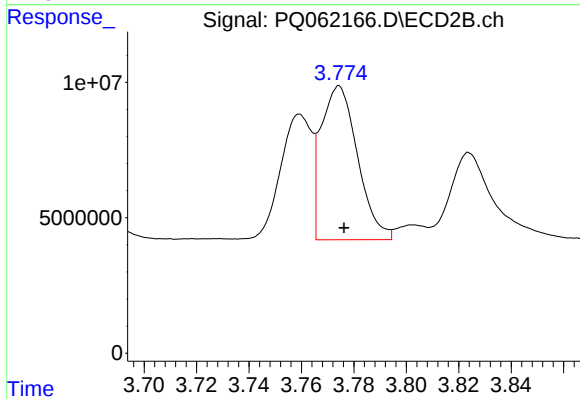
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 38310330
Conc: 387.07 ng/ml



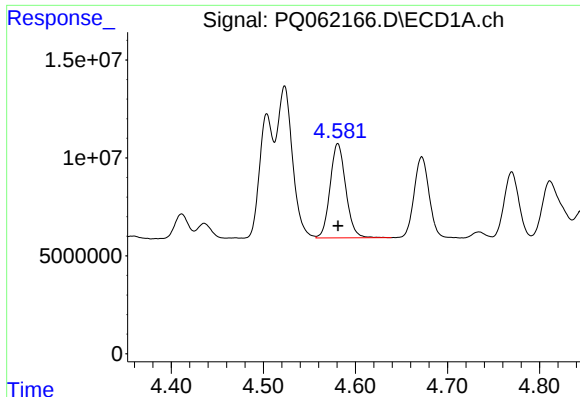
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 90477911
Conc: 365.91 ng/ml



#4 AR-1016-2

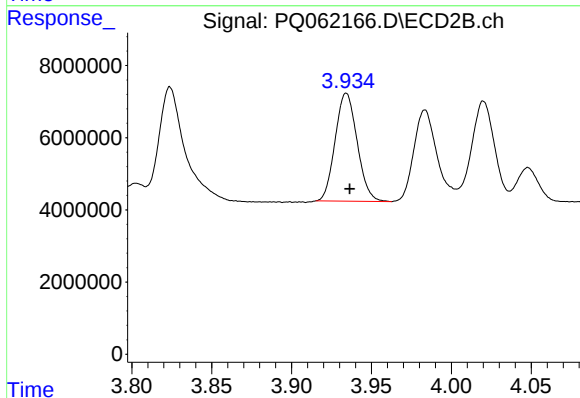
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 55019726
Conc: 381.55 ng/ml



#5 AR-1016-3

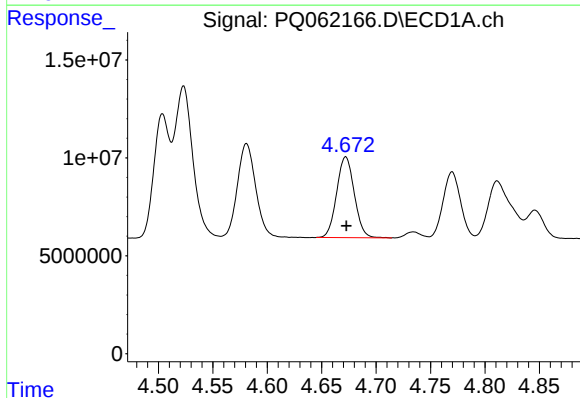
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 56896449
Conc: 373.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



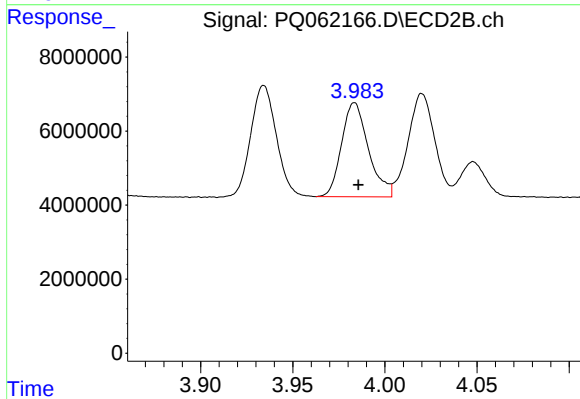
#5 AR-1016-3

R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 28694345
Conc: 380.35 ng/ml



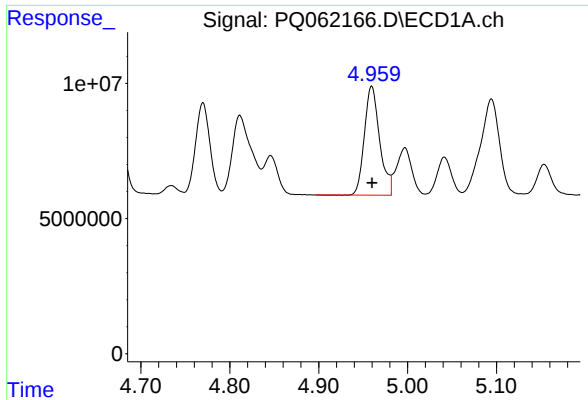
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 46632194
Conc: 372.03 ng/ml



#6 AR-1016-4

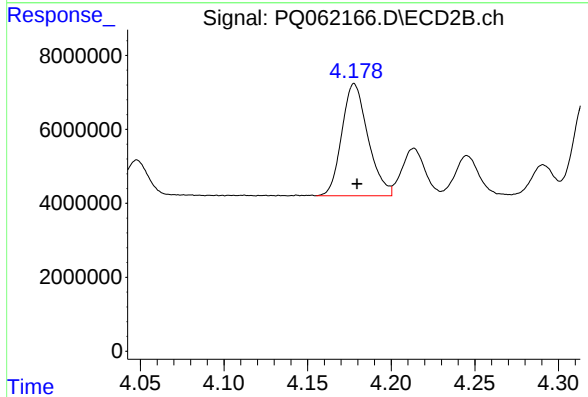
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 25834818
Conc: 393.35 ng/ml



#7 AR-1016-5

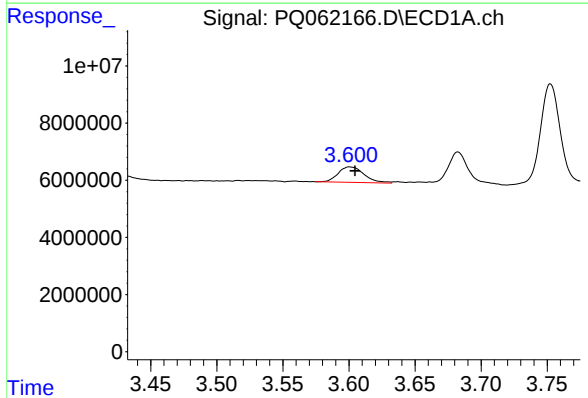
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 48130723
Conc: 395.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



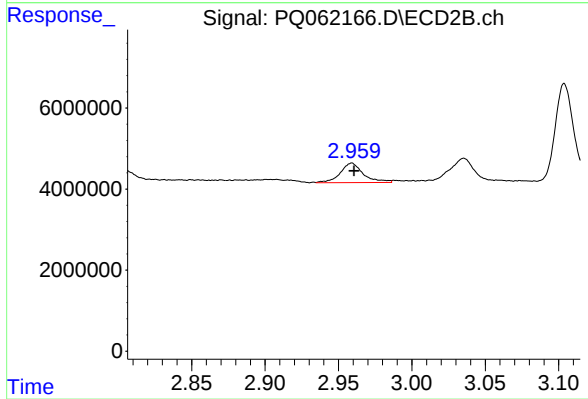
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 33021465
Conc: 402.79 ng/ml



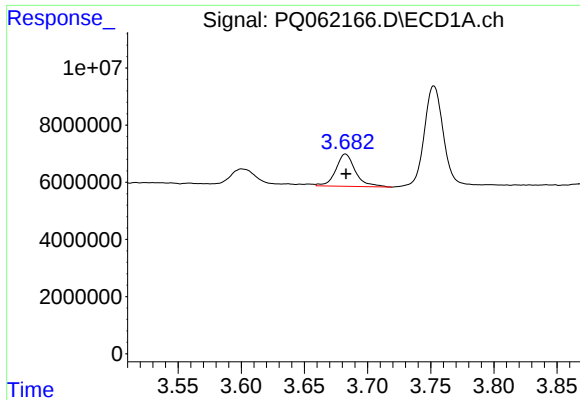
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 7410756
Conc: 123.29 ng/ml



#8 AR-1221-1

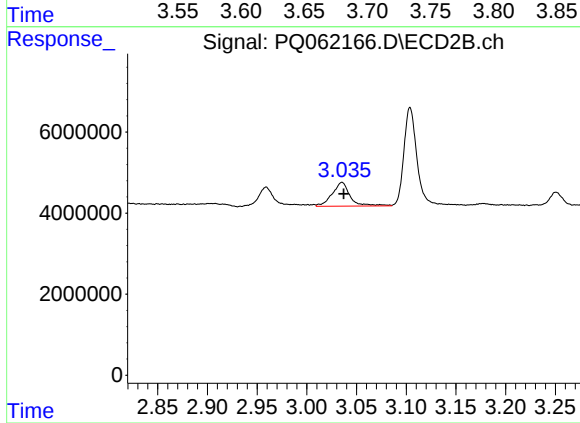
R.T.: 2.959 min
Delta R.T.: -0.001 min
Response: 5245643
Conc: 158.98 ng/ml



#9 AR-1221-2

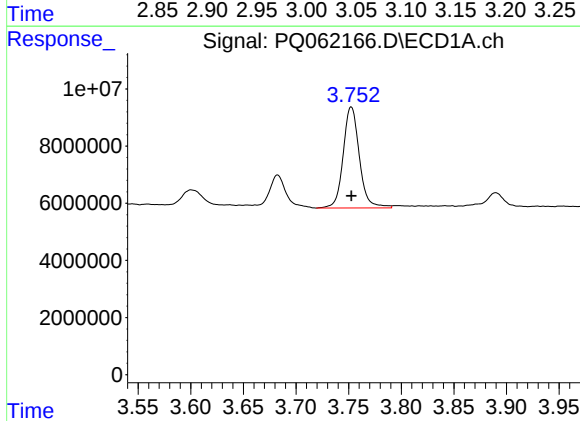
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 12201882
Conc: 271.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



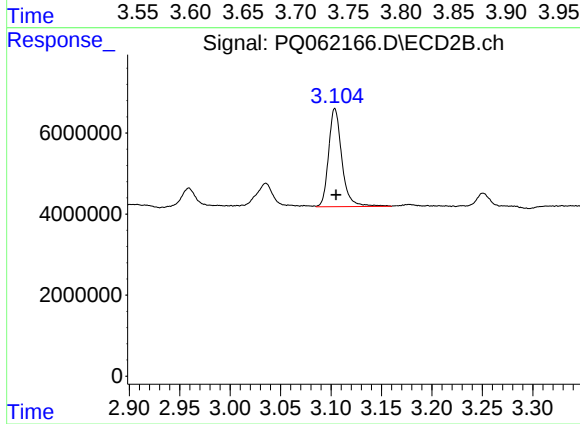
#9 AR-1221-2

R.T.: 3.035 min
Delta R.T.: -0.002 min
Response: 7365042
Conc: 289.96 ng/ml



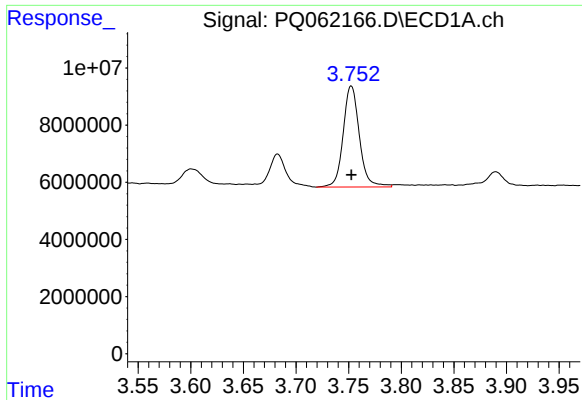
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 37872935
Conc: 269.52 ng/ml



#10 AR-1221-3

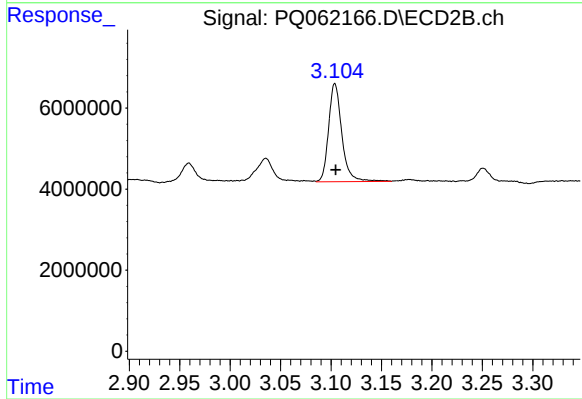
R.T.: 3.104 min
Delta R.T.: -0.001 min
Response: 22165346
Conc: 287.52 ng/ml



#11 AR-1232-1

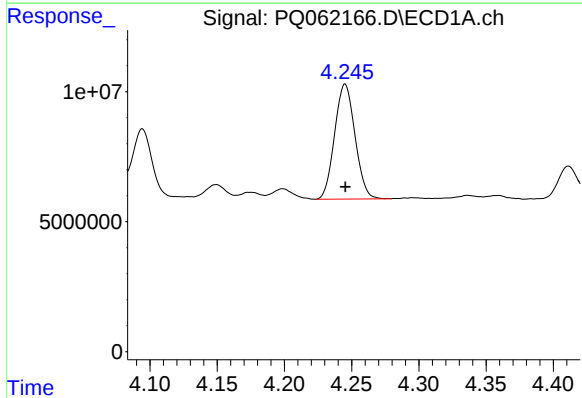
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 37872935
Conc: 358.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



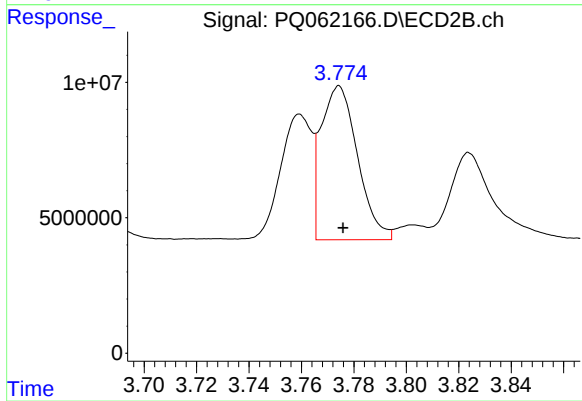
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 22165346
Conc: 386.84 ng/ml



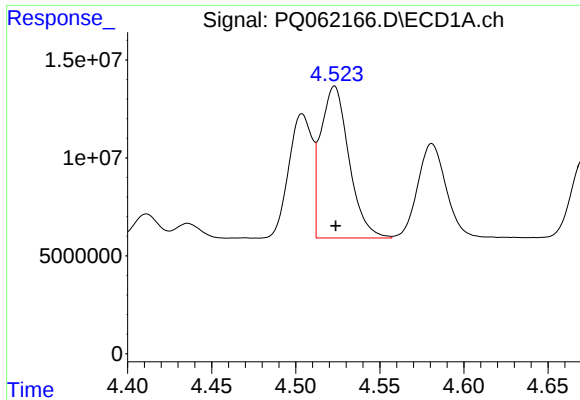
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 46499207
Conc: 786.11 ng/ml



#12 AR-1232-2

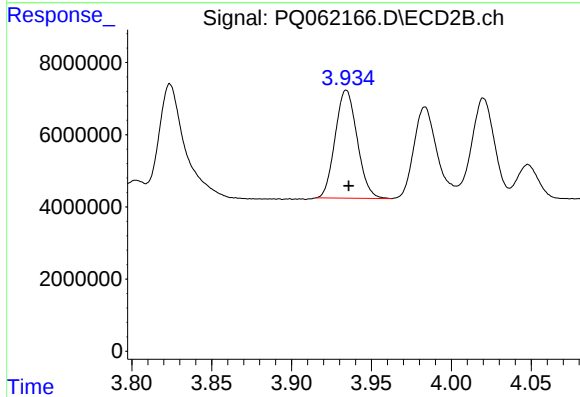
R.T.: 3.774 min
Delta R.T.: -0.001 min
Response: 55019726
Conc: 826.68 ng/ml



#13 AR-1232-3

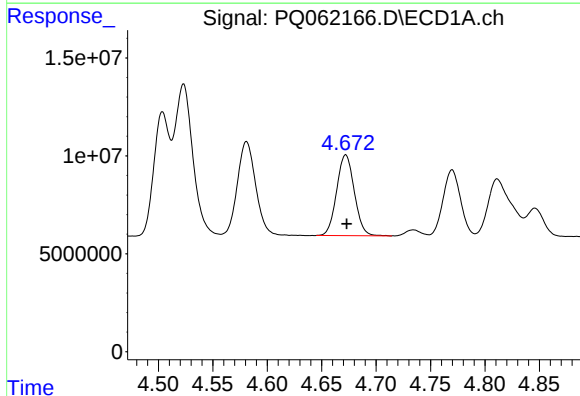
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 90477911
Conc: 800.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



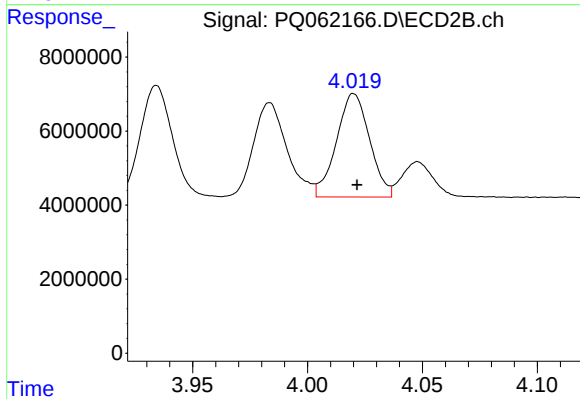
#13 AR-1232-3

R.T.: 3.934 min
Delta R.T.: -0.001 min
Response: 28694345
Conc: 830.40 ng/ml



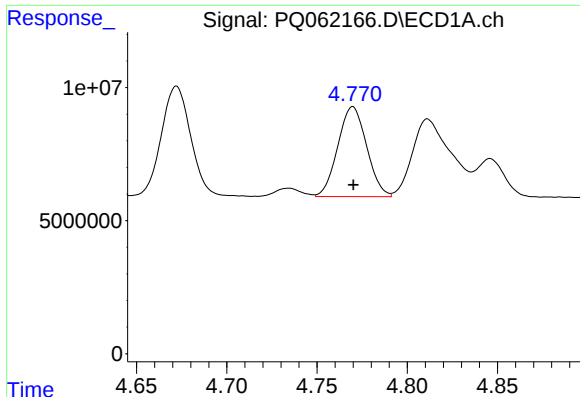
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 46632194
Conc: 822.92 ng/ml



#14 AR-1232-4

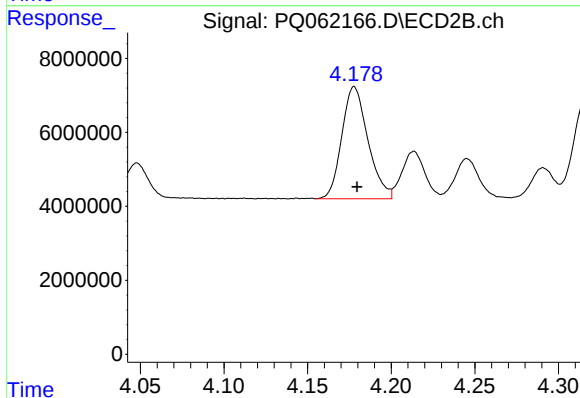
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 28091024
Conc: 944.56 ng/ml



#15 AR-1232-5

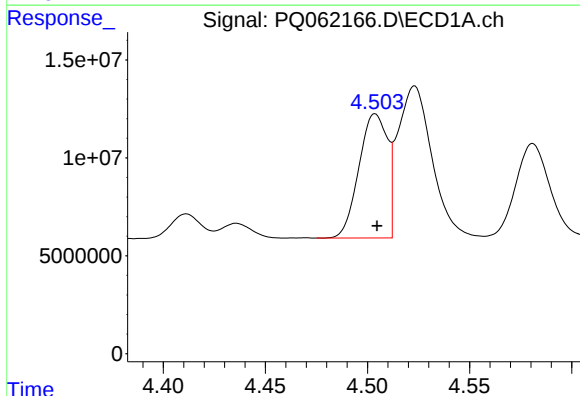
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 37598347
Conc: 938.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



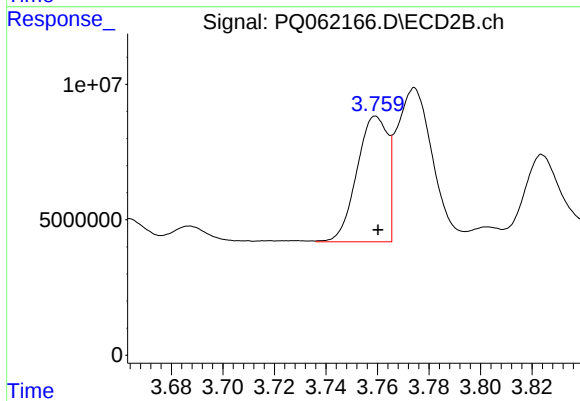
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 33021465
Conc: 925.99 ng/ml



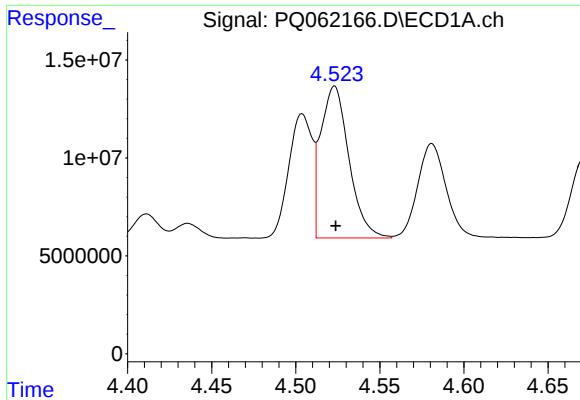
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 61687752
Conc: 471.96 ng/ml



#16 AR-1242-1

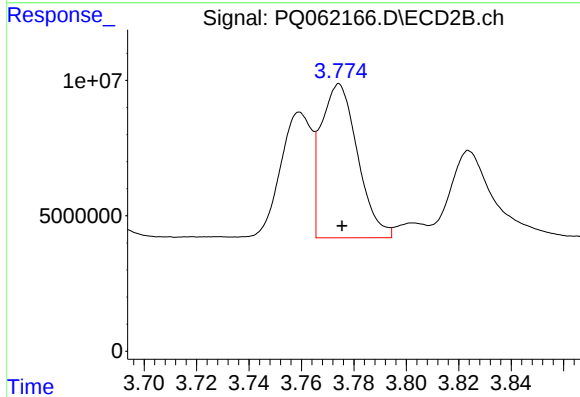
R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 38310330
Conc: 495.36 ng/ml



#17 AR-1242-2

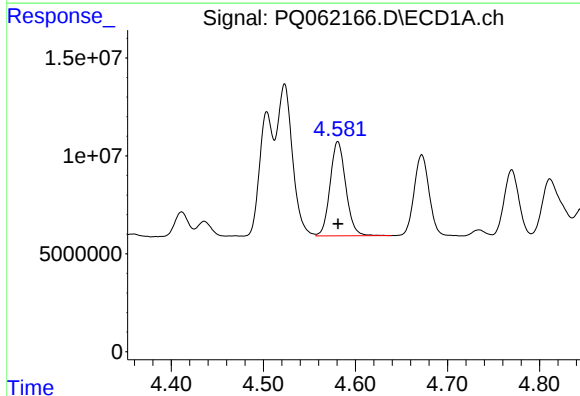
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 90477911
Conc: 466.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



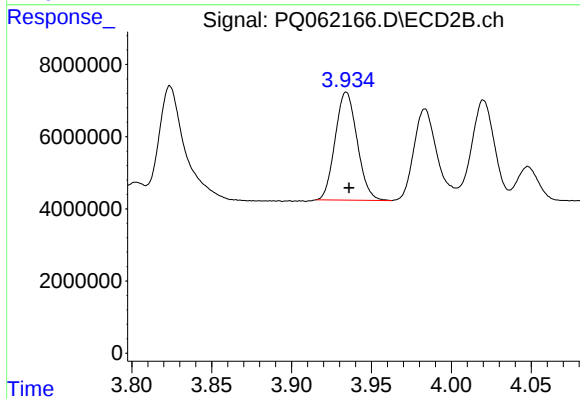
#17 AR-1242-2

R.T.: 3.774 min
Delta R.T.: -0.001 min
Response: 55019726
Conc: 494.97 ng/ml



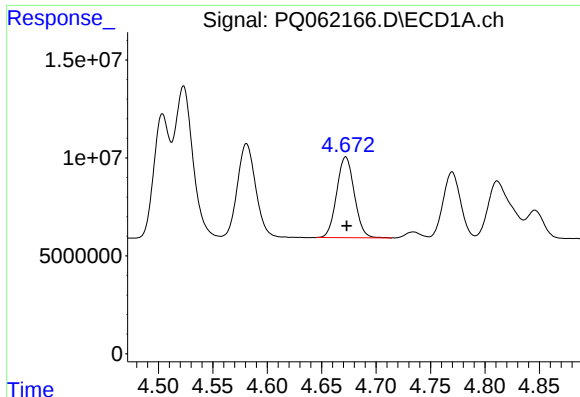
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 56896449
Conc: 470.83 ng/ml



#18 AR-1242-3

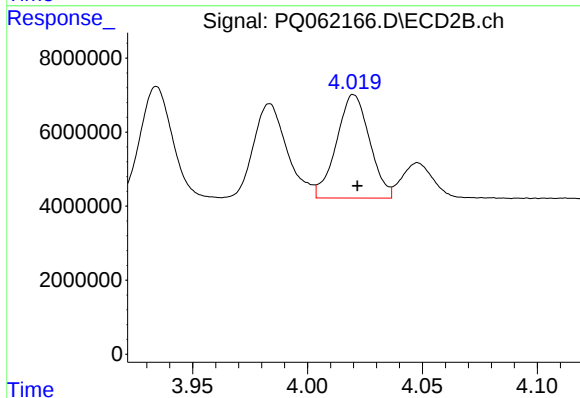
R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 28694345
Conc: 489.86 ng/ml



#19 AR-1242-4

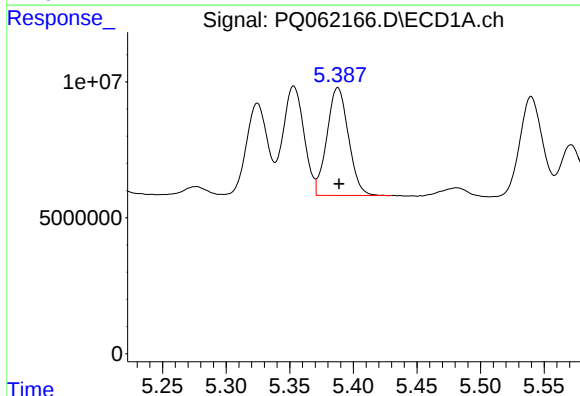
R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 46632194
Conc: 478.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



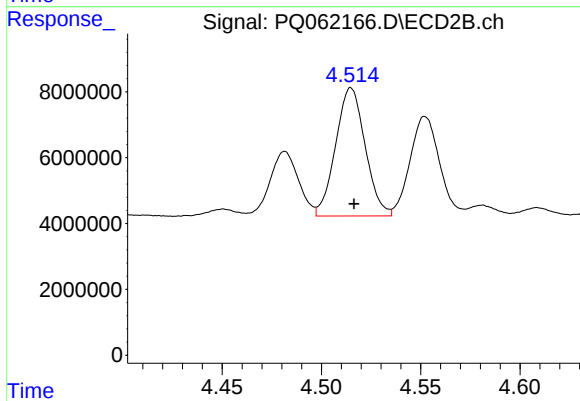
#19 AR-1242-4

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 28091024
Conc: 479.14 ng/ml



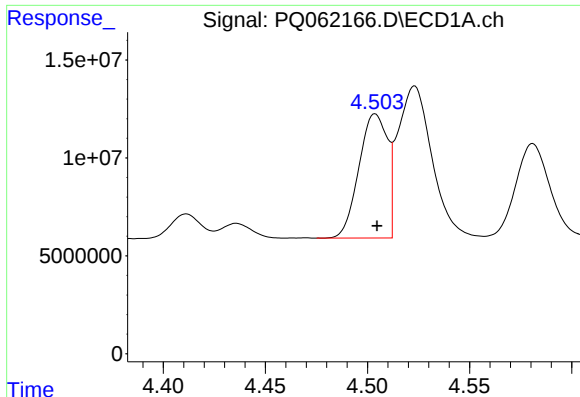
#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 46692431
Conc: 487.75 ng/ml



#20 AR-1242-5

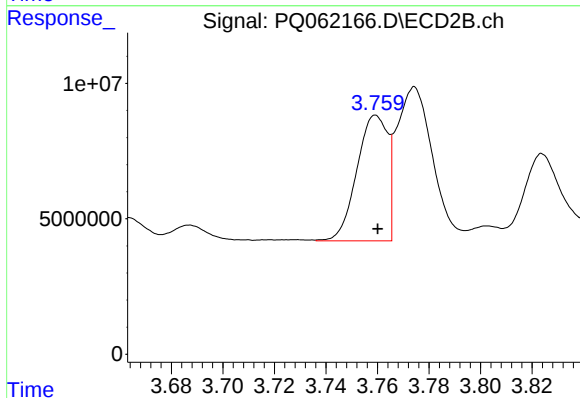
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 40417396
Conc: 487.59 ng/ml



#21 AR-1248-1

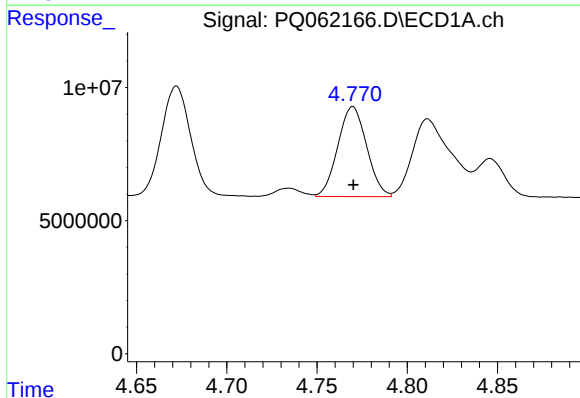
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 61687752
Conc: 593.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



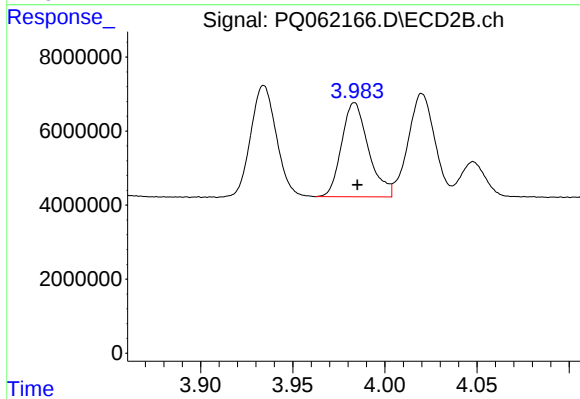
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 38310330
Conc: 612.77 ng/ml



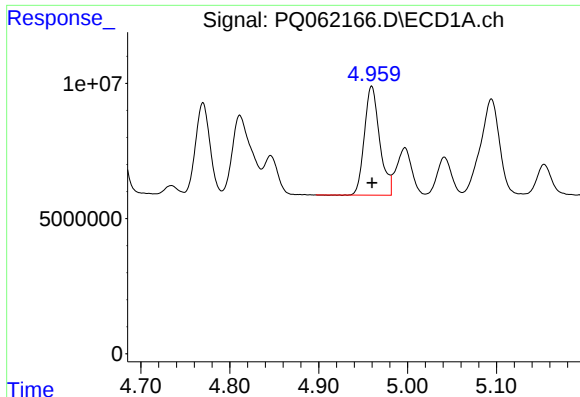
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 37598347
Conc: 261.71 ng/ml



#22 AR-1248-2

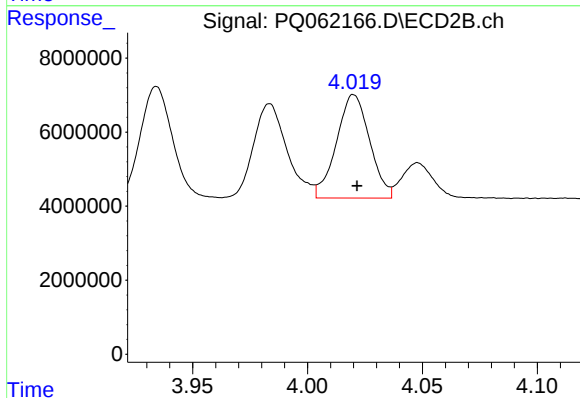
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 25834818
Conc: 275.52 ng/ml



#23 AR-1248-3

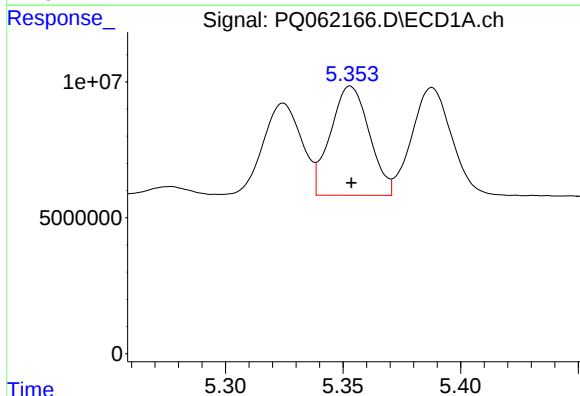
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 48130723
Conc: 277.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



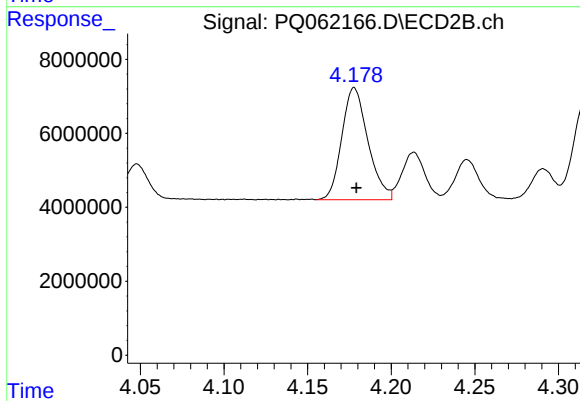
#23 AR-1248-3

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 28091024
Conc: 310.25 ng/ml



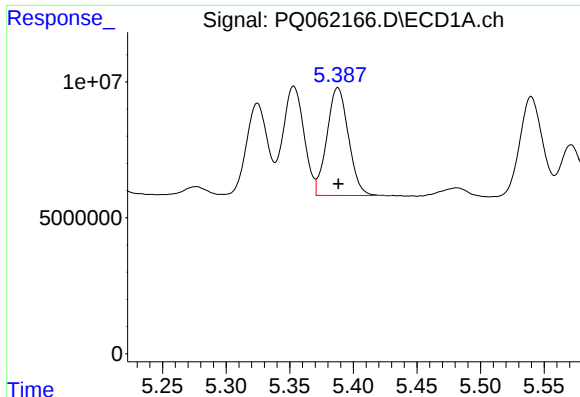
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 46196217
Conc: 240.69 ng/ml



#24 AR-1248-4

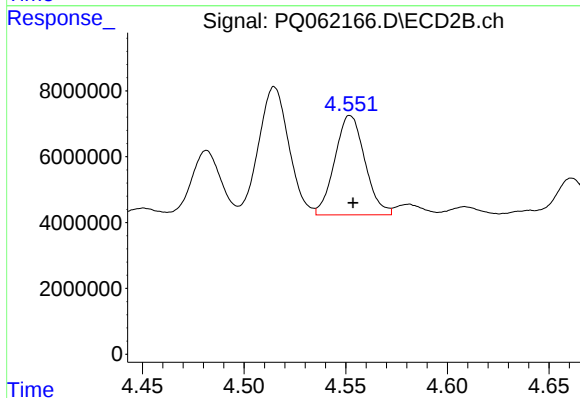
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 33021465
Conc: 292.64 ng/ml



#25 AR-1248-5

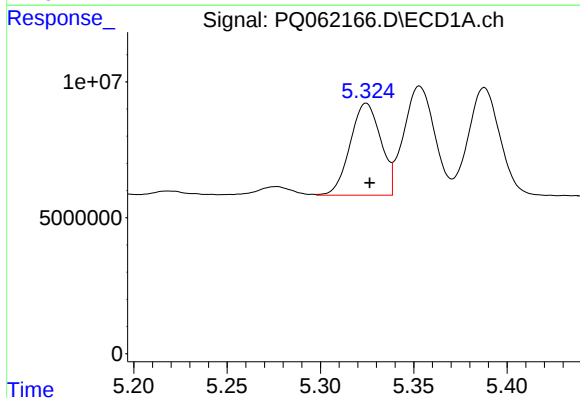
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 46692431
Conc: 257.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



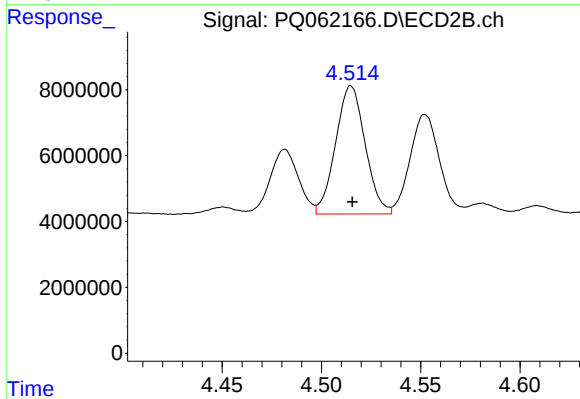
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 31225653
Conc: 278.72 ng/ml



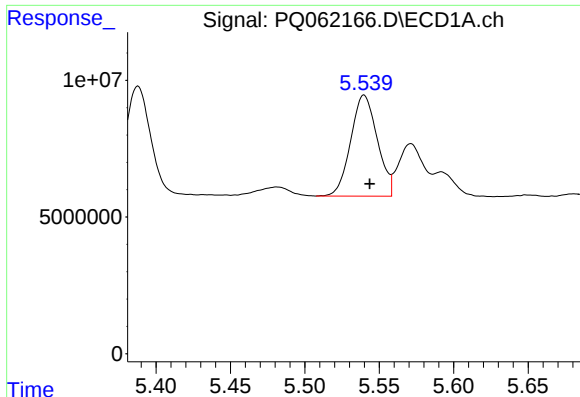
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 38698655
Conc: 208.26 ng/ml



#26 AR-1254-1

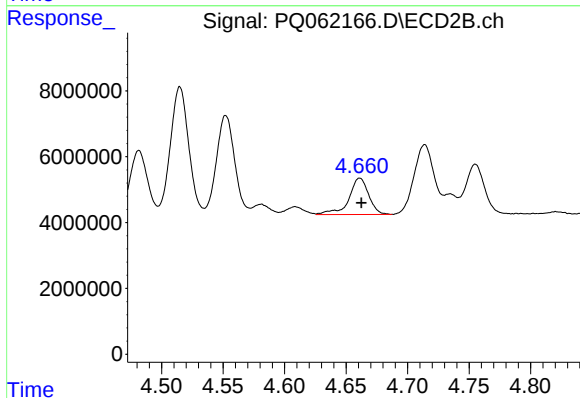
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 40417396
Conc: 250.32 ng/ml



#27 AR-1254-2

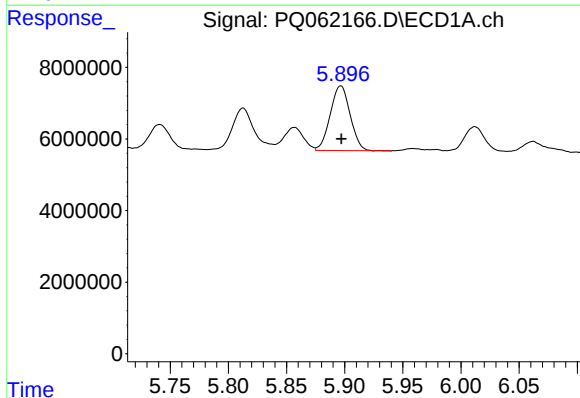
R.T.: 5.540 min
Delta R.T.: -0.004 min
Response: 45999705
Conc: 158.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



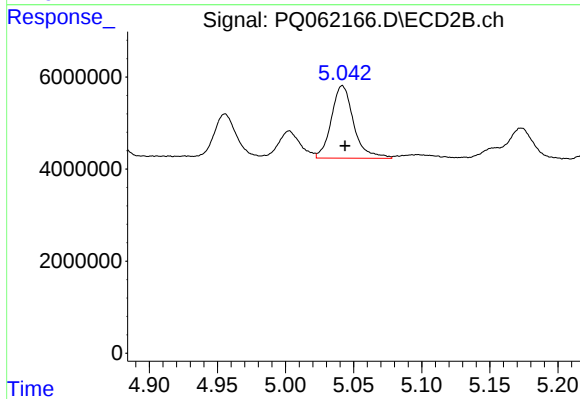
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 12442768
Conc: 84.52 ng/ml



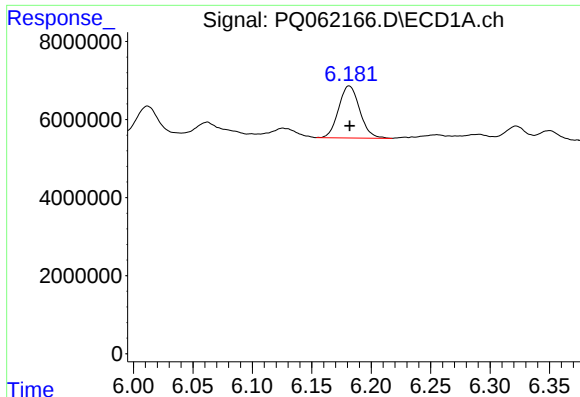
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 21531129
Conc: 70.10 ng/ml



#28 AR-1254-3

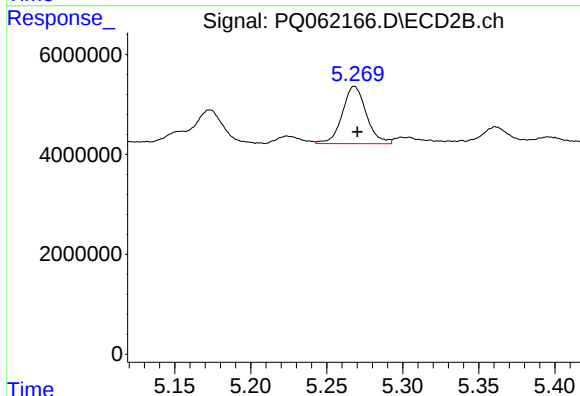
R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 17953169
Conc: 76.82 ng/ml



#29 AR-1254-4

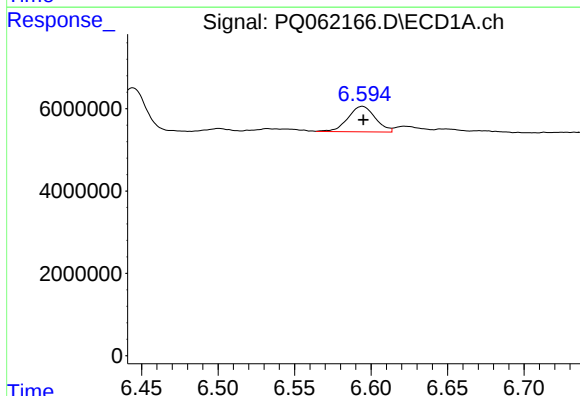
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 16532374
Conc: 71.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



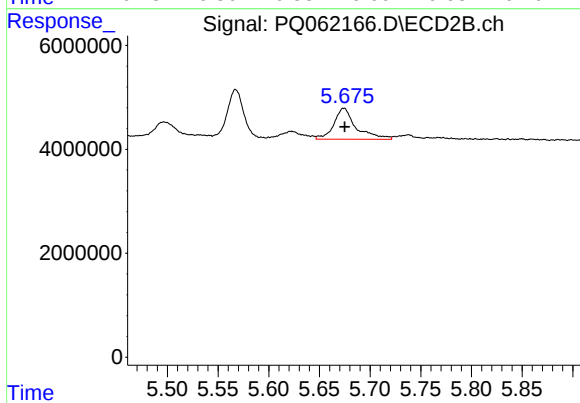
#29 AR-1254-4

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 12662074
Conc: 83.08 ng/ml



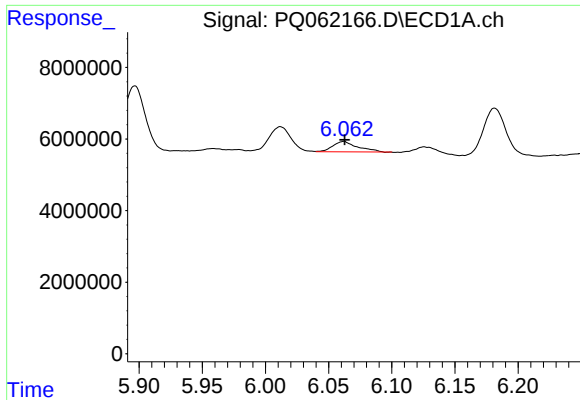
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 7699291
Conc: 29.97 ng/ml



#30 AR-1254-5

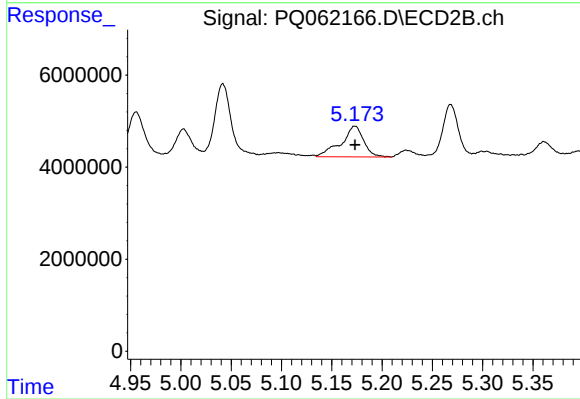
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 9168327
Conc: 39.72 ng/ml



#31 AR-1260-1

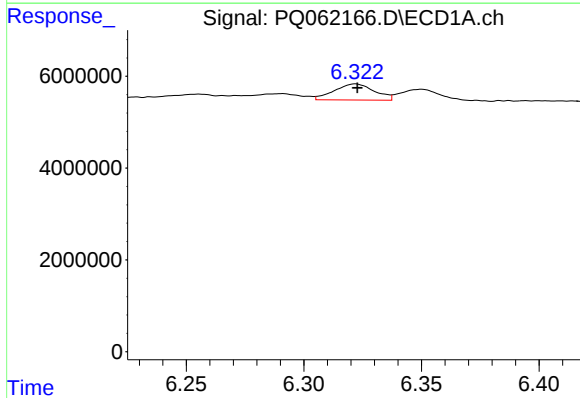
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 3939853
Conc: 16.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



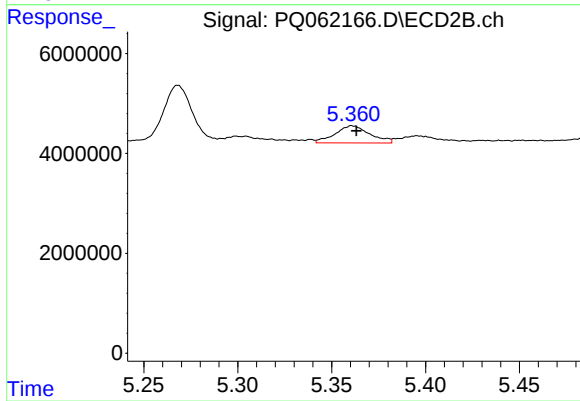
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 10469123
Conc: 62.86 ng/ml



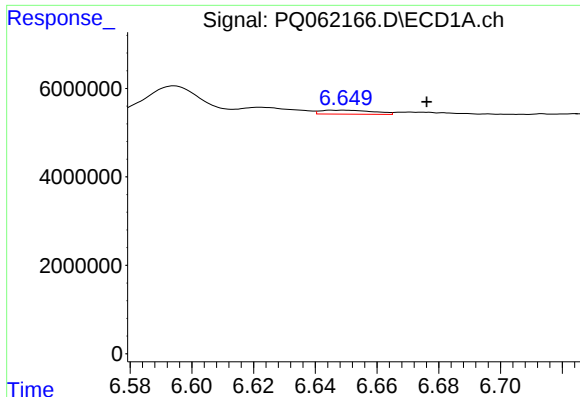
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 4154480
Conc: 14.38 ng/ml



#32 AR-1260-2

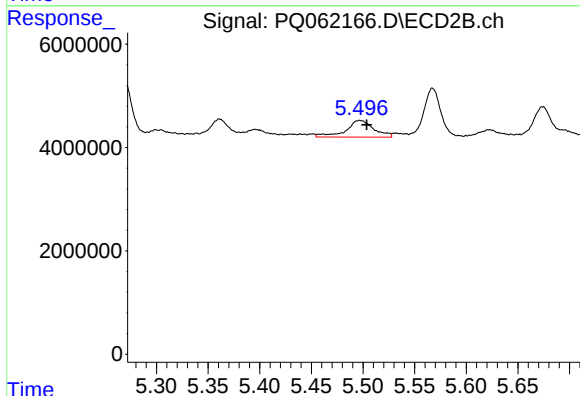
R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 4424979
Conc: 21.28 ng/ml



#33 AR-1260-3

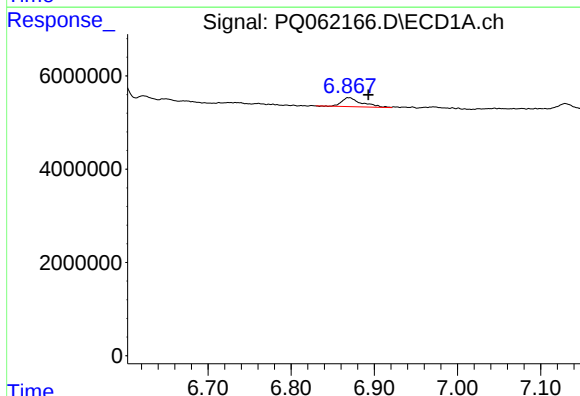
R.T.: 6.649 min
Delta R.T.: -0.027 min
Response: 1063090
Conc: 6.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



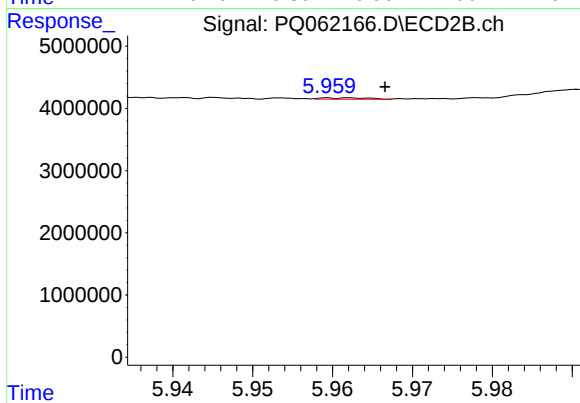
#33 AR-1260-3

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 6082231
Conc: 31.26 ng/ml



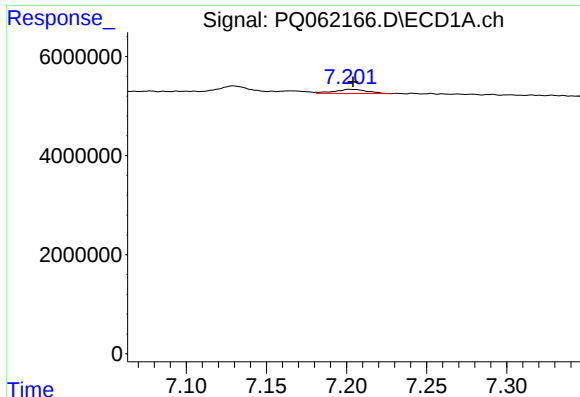
#34 AR-1260-4

R.T.: 6.869 min
Delta R.T.: -0.024 min
Response: 3237799
Conc: 15.37 ng/ml



#34 AR-1260-4

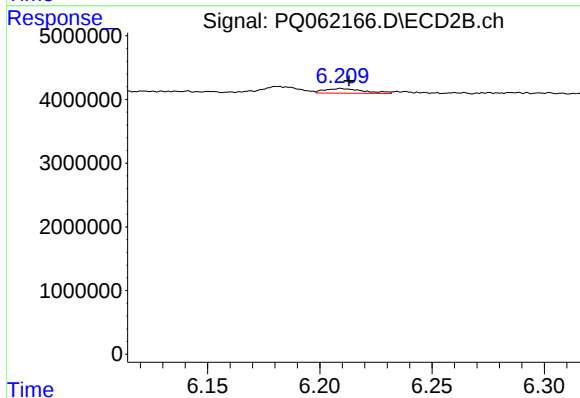
R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 84028
Conc: 0.58 ng/ml



#35 AR-1260-5

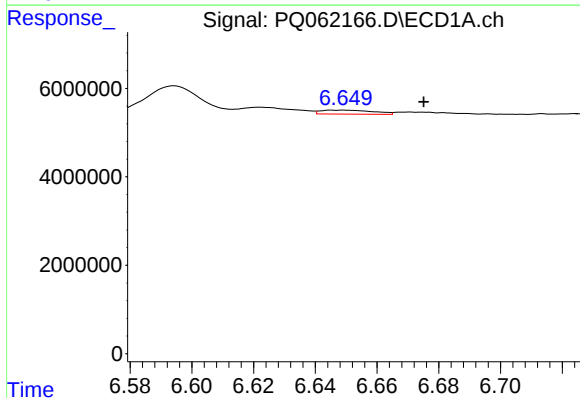
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 1154636
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



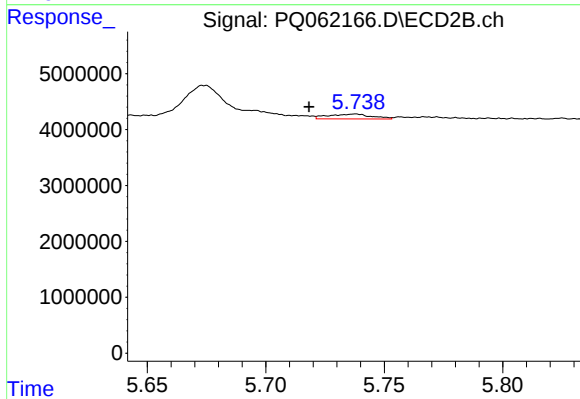
#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 890736
Conc: 2.68 ng/ml



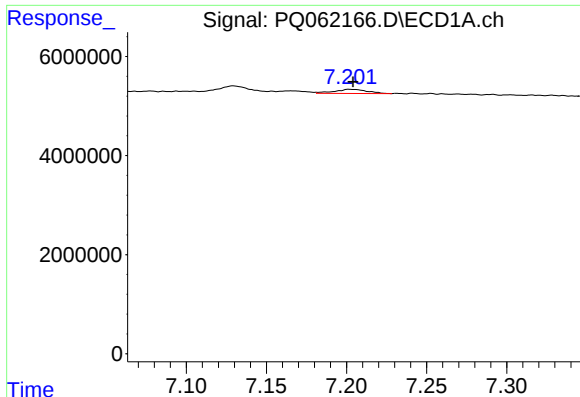
#36 AR-1262-1

R.T.: 6.649 min
Delta R.T.: -0.026 min
Response: 1063090
Conc: 3.49 ng/ml



#36 AR-1262-1

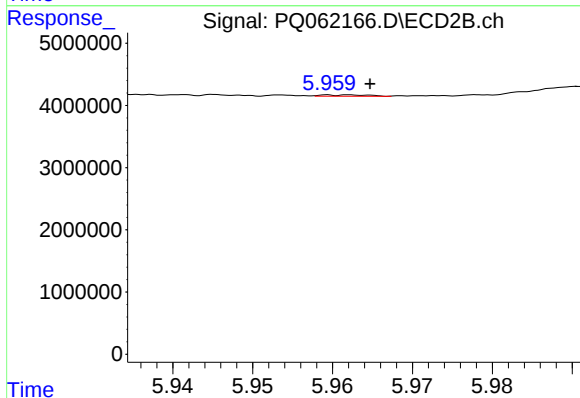
R.T.: 5.738 min
Delta R.T.: 0.020 min
Response: 1109539
Conc: 4.77 ng/ml



#37 AR-1262-2

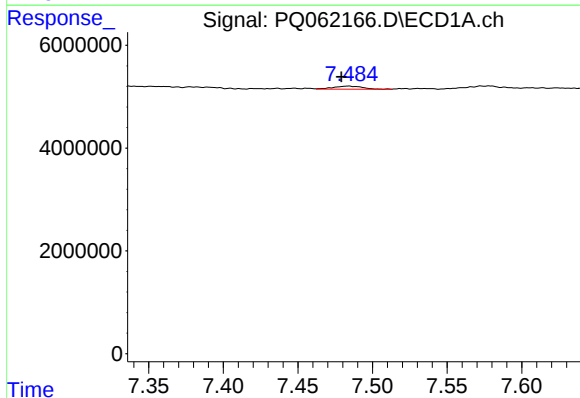
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 1154636
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



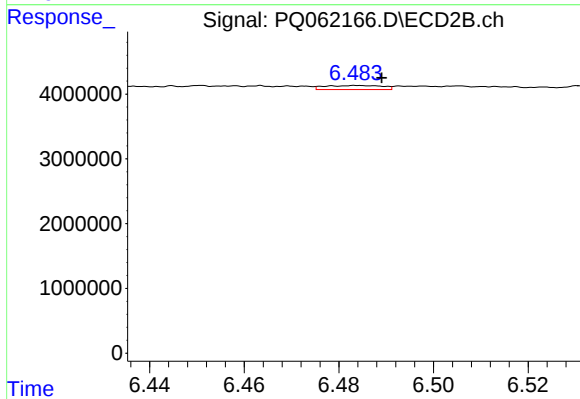
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.002 min
Response: 84028
Conc: 0.39 ng/ml



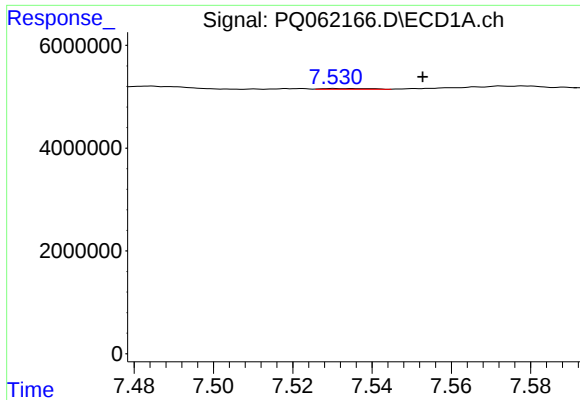
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 816706
Conc: 2.32 ng/ml



#38 AR-1262-3

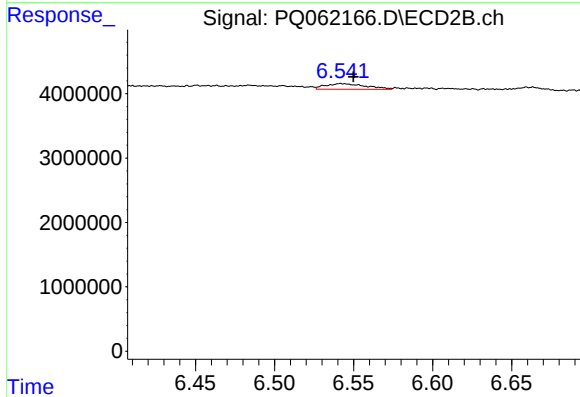
R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 527446
Conc: 3.03 ng/ml



#39 AR-1262-4

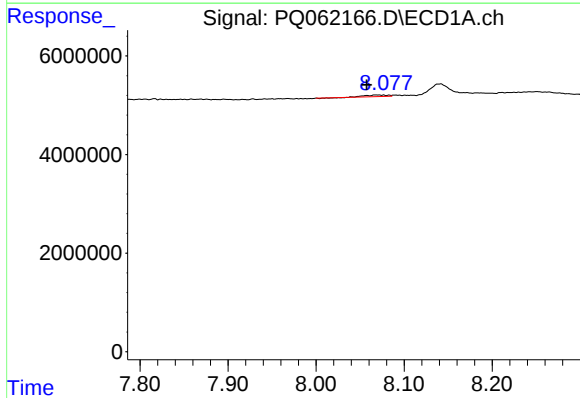
R.T.: 7.531 min
Delta R.T.: -0.022 min
Response: 126487
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



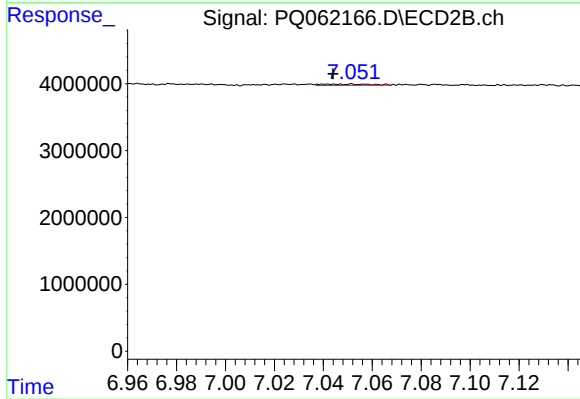
#39 AR-1262-4

R.T.: 6.542 min
Delta R.T.: -0.008 min
Response: 1580923
Conc: 4.91 ng/ml



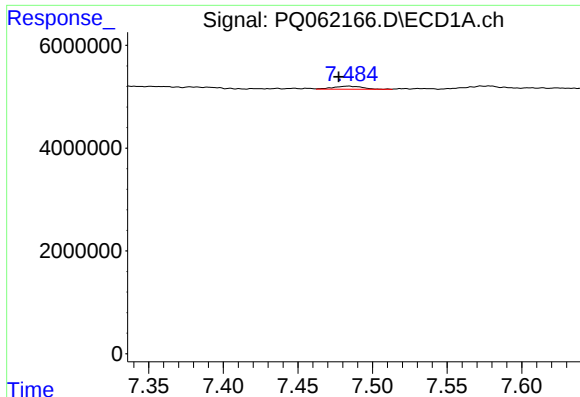
#40 AR-1262-5

R.T.: 8.068 min
Delta R.T.: 0.011 min
Response: 465077
Conc: 2.62 ng/ml



#40 AR-1262-5

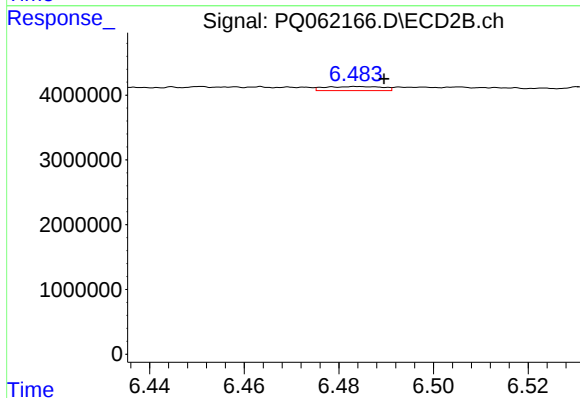
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 263666
Conc: 1.70 ng/ml



#41 AR-1268-1

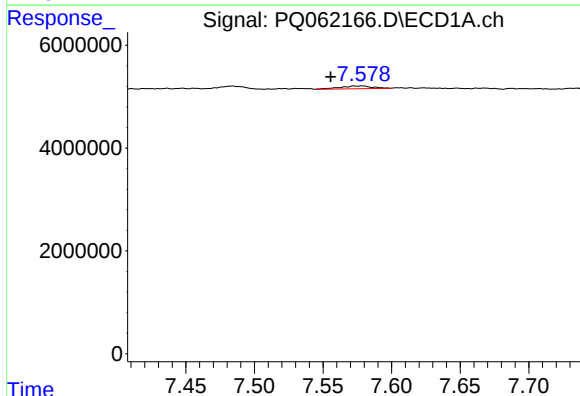
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 816706
Conc: 1.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



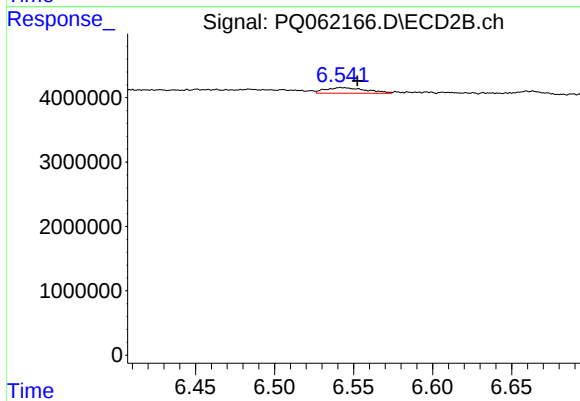
#41 AR-1268-1

R.T.: 6.484 min
Delta R.T.: -0.006 min
Response: 527446
Conc: 1.12 ng/ml



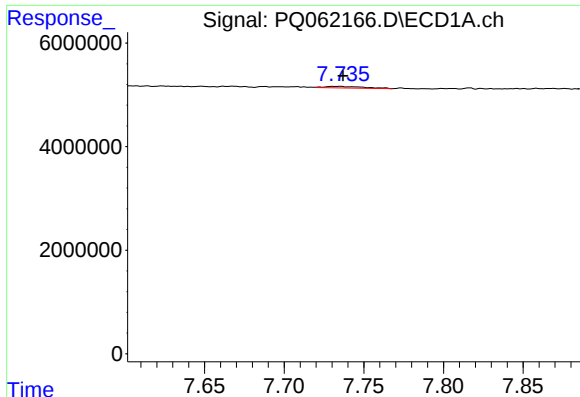
#42 AR-1268-2

R.T.: 7.579 min
Delta R.T.: 0.023 min
Response: 857943
Conc: 1.68 ng/ml



#42 AR-1268-2

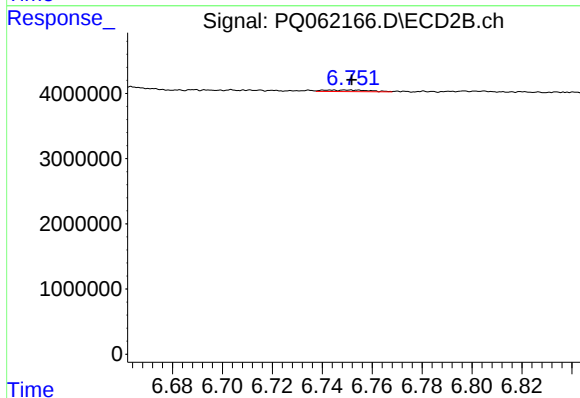
R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 1580923
Conc: 3.73 ng/ml



#43 AR-1268-3

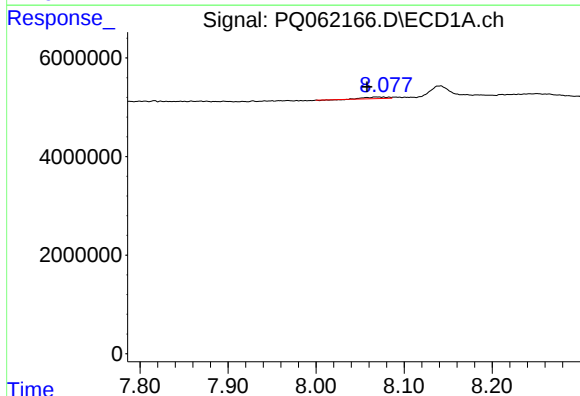
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 512809
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



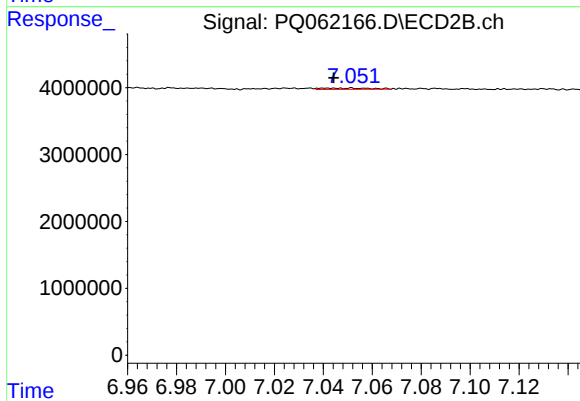
#43 AR-1268-3

R.T.: 6.741 min
Delta R.T.: -0.011 min
Response: 320664
Conc: 0.87 ng/ml



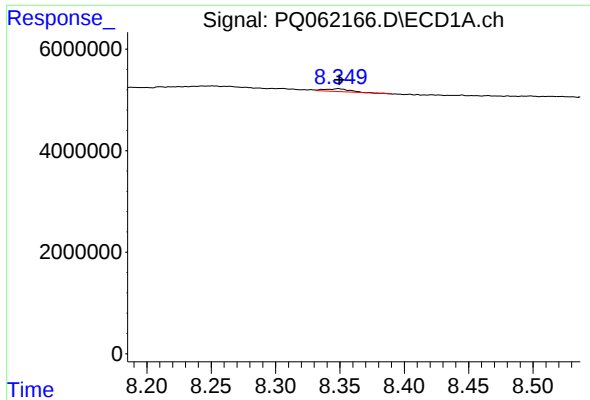
#44 AR-1268-4

R.T.: 8.068 min
Delta R.T.: 0.010 min
Response: 465077
Conc: 2.54 ng/ml



#44 AR-1268-4

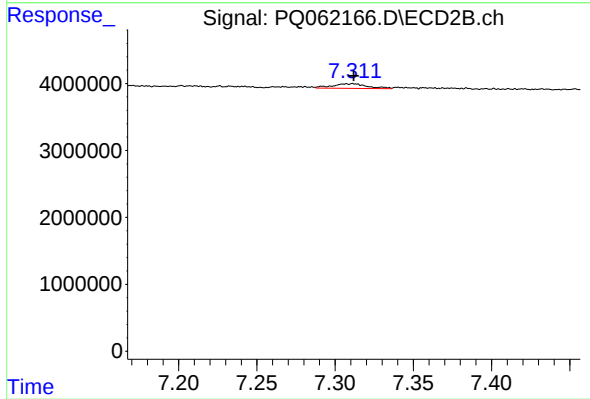
R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 263666
Conc: 1.65 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 756589
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 1063352
Conc: 0.91 ng/ml