

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081424\
 Data File : PQ067962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2024 17:59
 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: Aug 14 02:20:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 09 02:37:44 2024
 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	2.825	280.7E6	313.5E6	47.304	49.424
2) SA Decachlor...	8.738	7.607	191.8E6	277.8E6	49.776	49.291
Target Compounds						
3) L1 AR-1016-1	4.573	3.833	52211038	59288090	315.878	336.375
4) L1 AR-1016-2	4.593	3.849	69352911	67545427	235.551	231.648
5) L1 AR-1016-3	4.652	4.011	32640982	45375066	171.007	288.230 #
6) L1 AR-1016-4	4.743	4.058	36738060	96897550	244.197	652.065 #
7) L1 AR-1016-5	5.035	4.254	93801911	114.0E6	641.756	666.251
8) L2 AR-1221-1	0.000	3.026	0	1033575	N.D.	13.981 #
9) L2 AR-1221-2	3.740	3.097	4962079	5352275	86.756	96.100
10) L2 AR-1221-3	3.812	3.173	4640236	5769476	27.783	31.915
11) L3 AR-1232-1	3.812	3.173	4640236	5769476	34.058	39.266
12) L3 AR-1232-2	4.311	3.849	25594047	67545427	354.148	497.913 #
13) L3 AR-1232-3	4.593	4.011	69352911	45375066	491.667	599.142
14) L3 AR-1232-4	4.743	4.095	36738060	90818595	523.762	1315.839 #
15) L3 AR-1232-5	4.842	4.254	77467047	114.0E6	1588.507	1498.995
16) L4 AR-1242-1	4.573	3.833	52211038	59288090	387.929	413.597
17) L4 AR-1242-2	4.593	3.849	69352911	67545427	296.158	288.253
18) L4 AR-1242-3	4.652	4.011	32640982	45375066	217.710	351.457 #
19) L4 AR-1242-4	4.743	4.095	36738060	90818595	314.955	695.489 #
20) L4 AR-1242-5	5.471	4.593	83426902	154.1E6	734.983	1008.079 #
21) L5 AR-1248-1	4.573	3.833	52211038	59288090	500.035	521.380
22) L5 AR-1248-2	4.842	4.058	77467047	96897550	458.830	462.898
23) L5 AR-1248-3	5.035	4.095	93801911	90818595	462.366	458.840
24) L5 AR-1248-4	5.436	4.254	100.1E6	114.0E6	526.813	483.247
25) L5 AR-1248-5	5.471	4.631	83426902	107.5E6	416.165	557.818 #
26) L6 AR-1254-1	5.407	4.593	82035120	154.1E6	368.785	458.657
27) L6 AR-1254-2	5.626	4.740	76591894	50517205	237.214	164.153 #
28) L6 AR-1254-3	5.988	5.123	56532475	73838405	172.526	165.536
29) L6 AR-1254-4	6.279	5.350	40045408	45189332	199.791	200.340
30) L6 AR-1254-5	6.700	5.755	9379464	17265951	37.312	41.979
31) L7 AR-1260-1	6.158	5.255	4993769	34165030	18.226	100.528 #
32) L7 AR-1260-2	6.421	5.442	8974830	5344359	27.839	13.652 #
33) L7 AR-1260-3	0.000	5.579	0	8582411	N.D.	22.839 #
34) L7 AR-1260-4	6.980	6.046	3803467	1985423	14.911	6.863 #
35) L7 AR-1260-5	7.323	6.289	1830537	3126381	4.135	5.248 #
36) L8 AR-1262-1	0.000	5.820	0	2611531	N.D.	5.848 #
37) L8 AR-1262-2	7.323	6.289	1830537	3126381	3.383	4.571 #
38) L8 AR-1262-3	7.601	6.570	870026	4692291	2.654	15.531 #
39) L8 AR-1262-4	0.000	6.627	0	3379531	N.D.	6.421 #
40) L8 AR-1262-5	0.000	7.126	0	1752066	N.D.	8.182 #
41) L9 AR-1268-1	7.601	6.570	870026	4692291	1.486	5.576 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081424\
Data File : PQ067962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2024 17:59
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: Aug 14 02:20:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080524.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 09 02:37:44 2024
Response via : Initial Calibration
Integrator: ChemStation

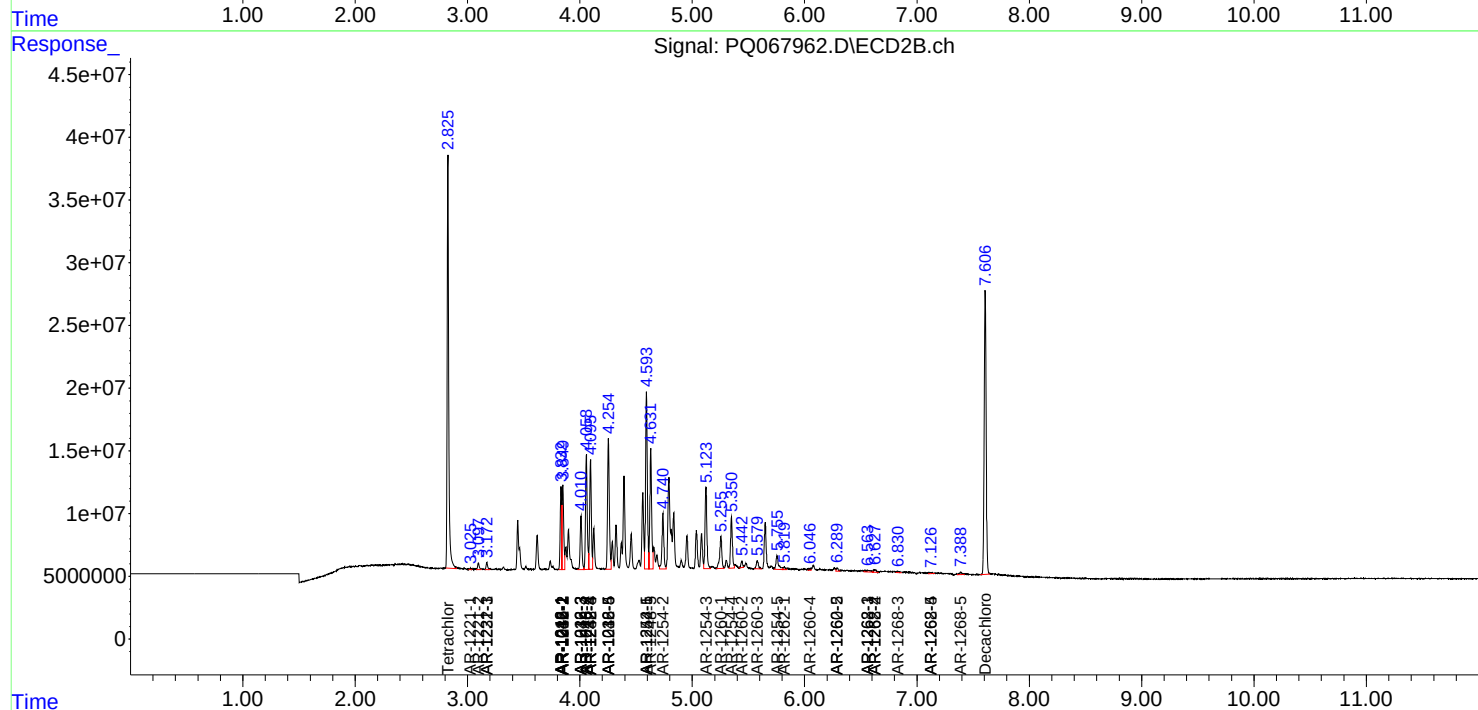
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

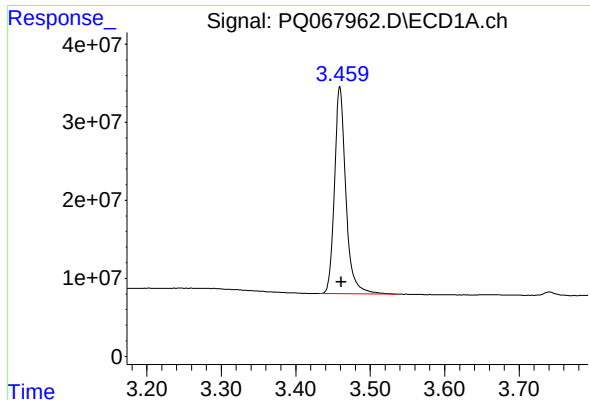
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	6.627	0	3379531	N.D.	4.413 #
43) L9	AR-1268-3	0.000	6.832	0	1611263	N.D.	2.310 #
44) L9	AR-1268-4	0.000	7.126	0	1752066	N.D.	7.454 #
45) L9	AR-1268-5	8.498	7.388	1439427	3083314	1.161	1.608 #

(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

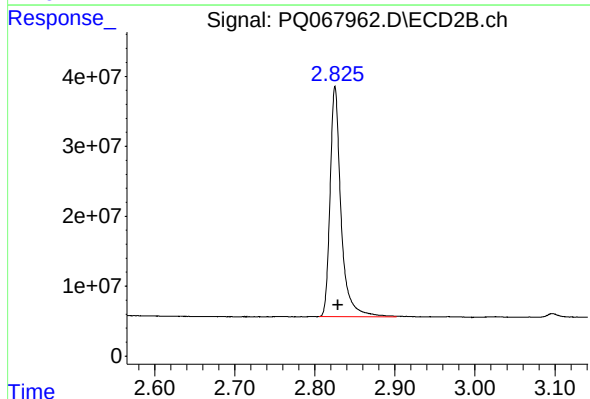




#1 Tetrachloro-m-xylene

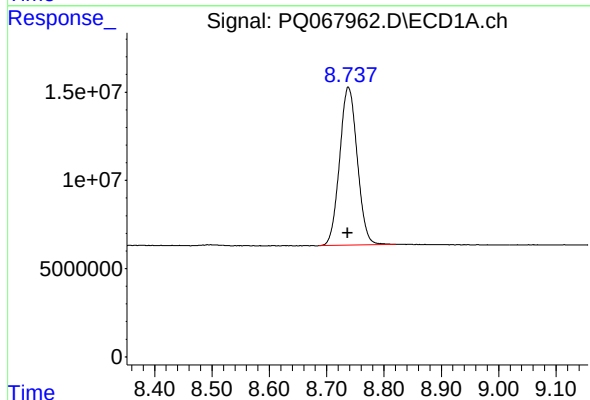
R.T.: 3.459 min
Delta R.T.: -0.002 min
Response: 280666321
Conc: 47.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



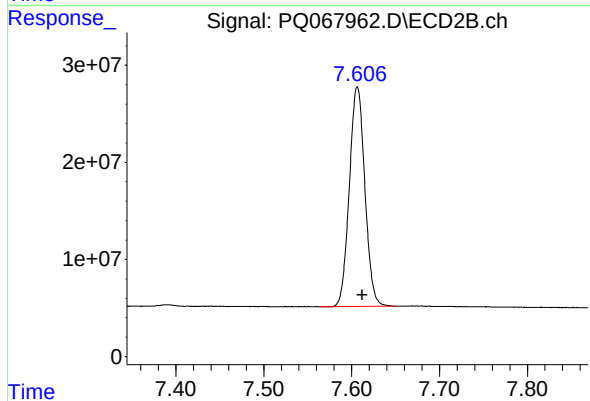
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 313456704
Conc: 49.42 ng/ml



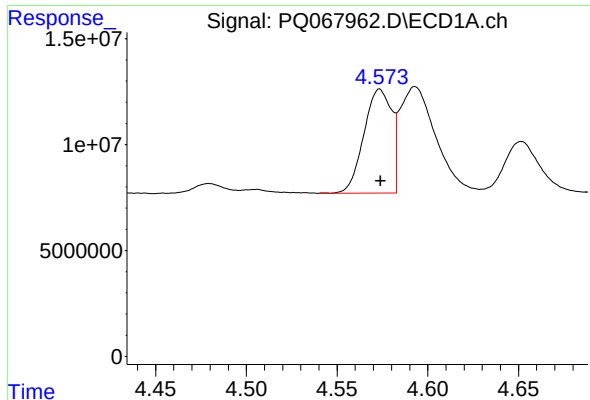
#2 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.002 min
Response: 191787413
Conc: 49.78 ng/ml



#2 Decachlorobiphenyl

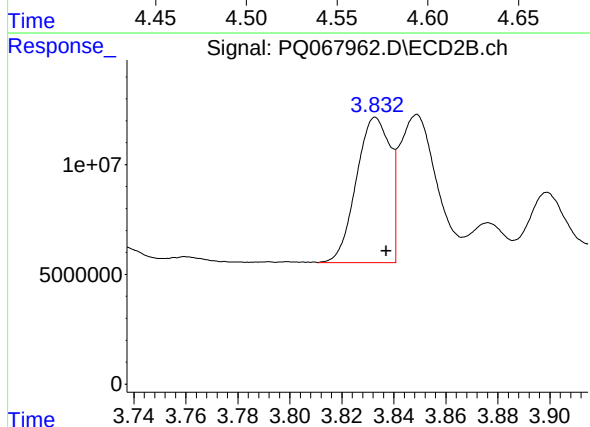
R.T.: 7.607 min
Delta R.T.: -0.005 min
Response: 277804285
Conc: 49.29 ng/ml



#3 AR-1016-1

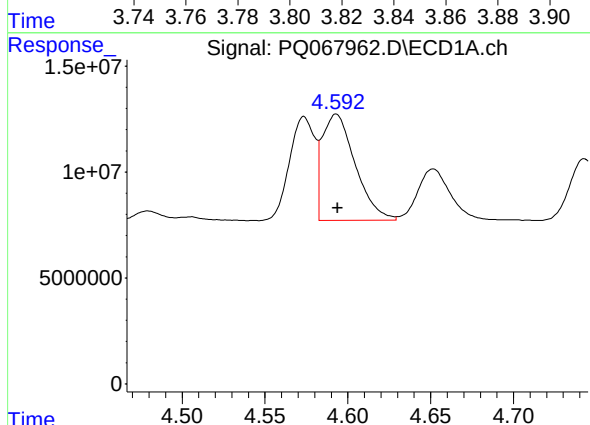
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 52211038
Conc: 315.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



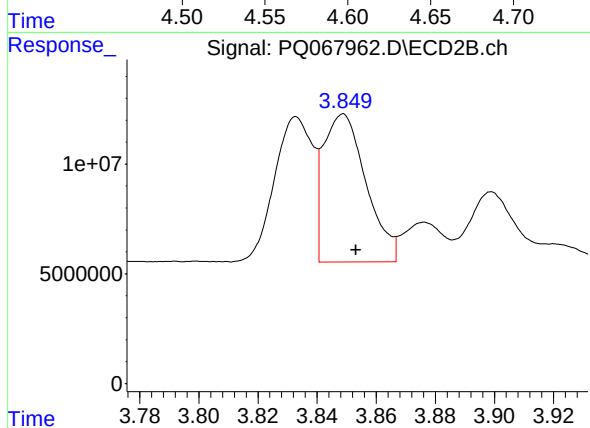
#3 AR-1016-1

R.T.: 3.833 min
Delta R.T.: -0.004 min
Response: 59288090
Conc: 336.38 ng/ml



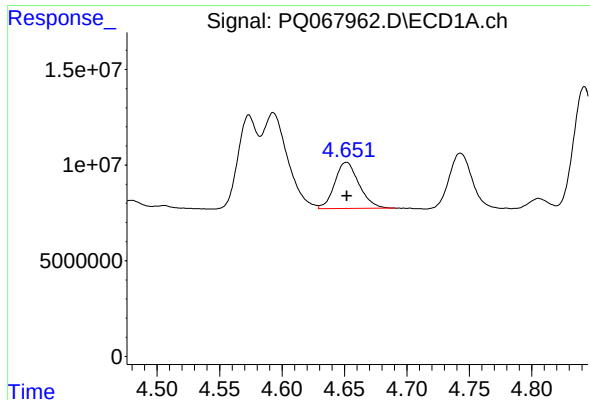
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 69352911
Conc: 235.55 ng/ml



#4 AR-1016-2

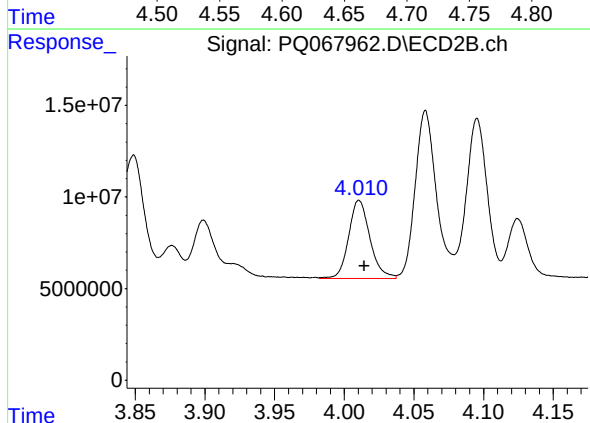
R.T.: 3.849 min
Delta R.T.: -0.004 min
Response: 67545427
Conc: 231.65 ng/ml



#5 AR-1016-3

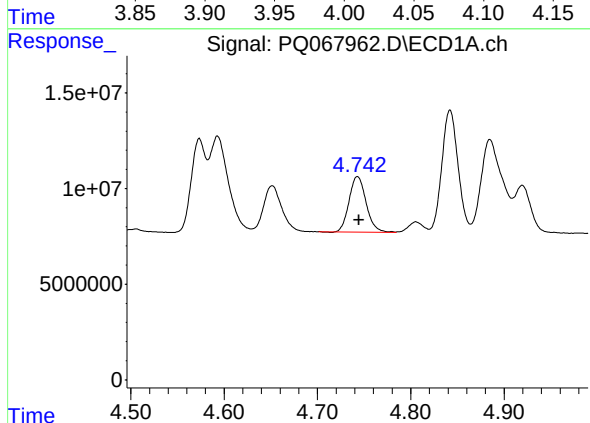
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 32640982
Conc: 171.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



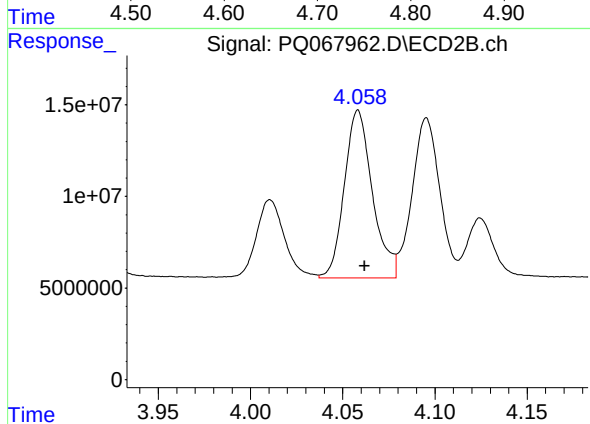
#5 AR-1016-3

R.T.: 4.011 min
Delta R.T.: -0.004 min
Response: 45375066
Conc: 288.23 ng/ml



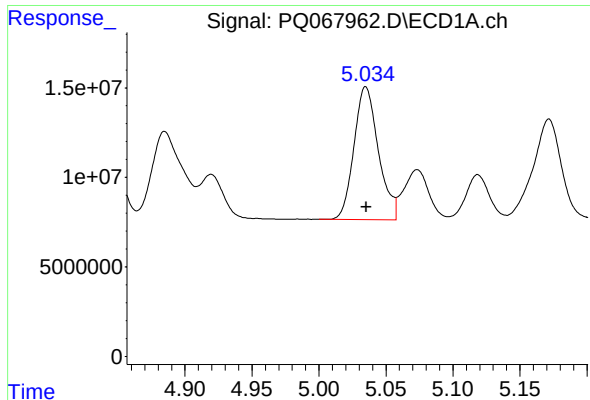
#6 AR-1016-4

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 36738060
Conc: 244.20 ng/ml



#6 AR-1016-4

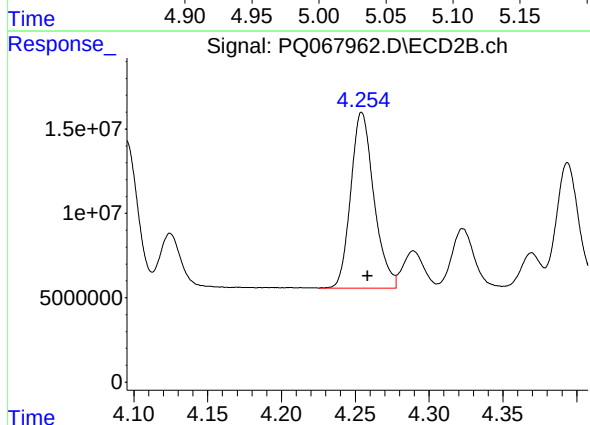
R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 96897550
Conc: 652.06 ng/ml



#7 AR-1016-5

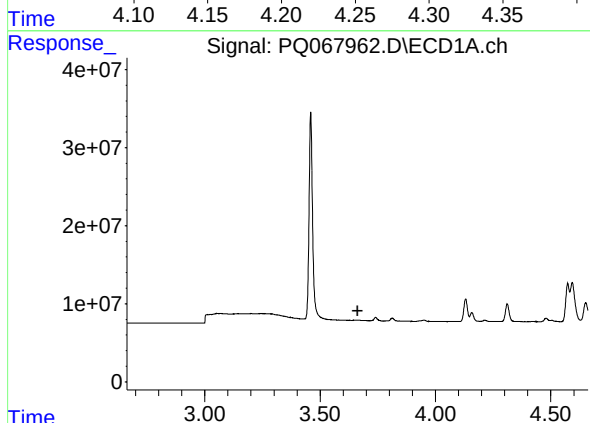
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 93801911
Conc: 641.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



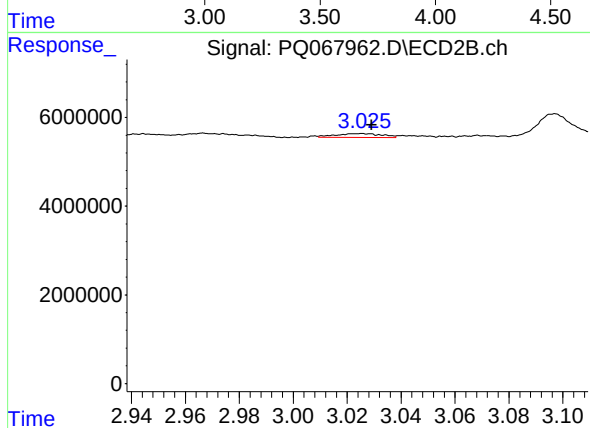
#7 AR-1016-5

R.T.: 4.254 min
Delta R.T.: -0.004 min
Response: 113972289
Conc: 666.25 ng/ml



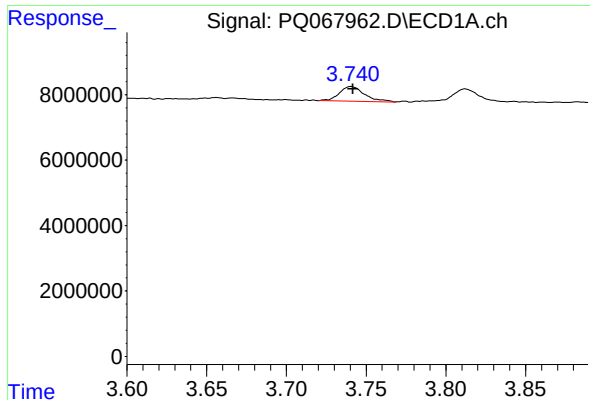
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.662 min
Response: 0
Conc: N.D.



#8 AR-1221-1

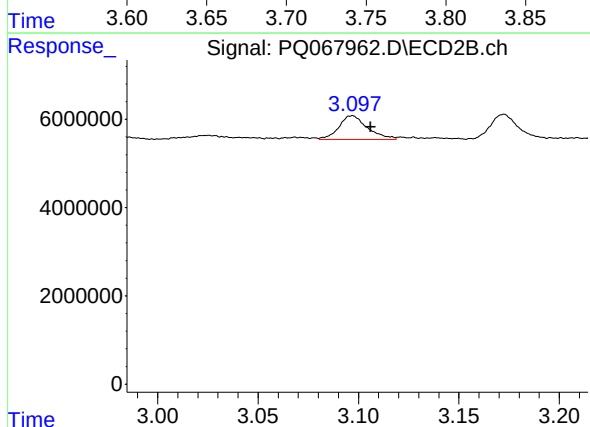
R.T.: 3.026 min
Delta R.T.: -0.003 min
Response: 1033575
Conc: 13.98 ng/ml



#9 AR-1221-2

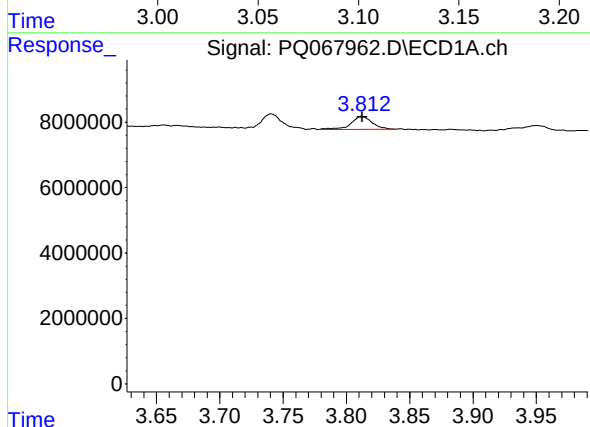
R.T.: 3.740 min
Delta R.T.: -0.001 min
Response: 4962079
Conc: 86.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



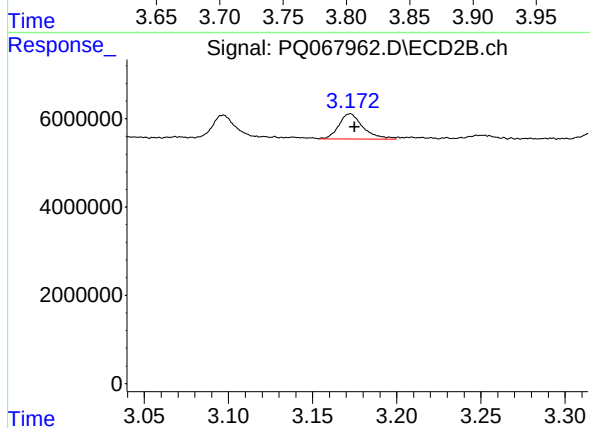
#9 AR-1221-2

R.T.: 3.097 min
Delta R.T.: -0.009 min
Response: 5352275
Conc: 96.10 ng/ml



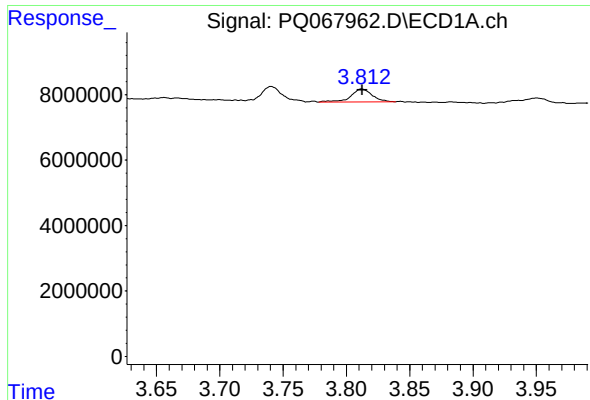
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 4640236
Conc: 27.78 ng/ml



#10 AR-1221-3

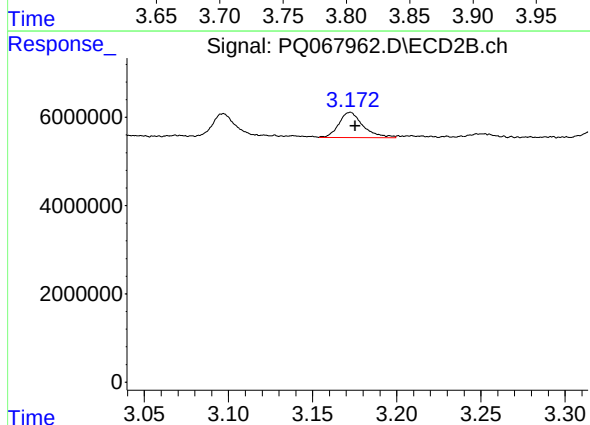
R.T.: 3.173 min
Delta R.T.: -0.002 min
Response: 5769476
Conc: 31.91 ng/ml



#11 AR-1232-1

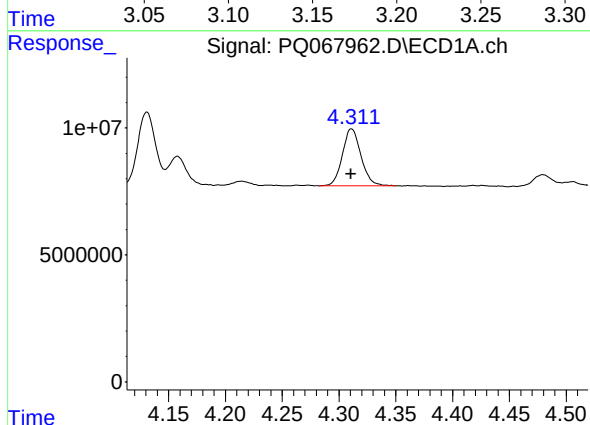
R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 4640236
Conc: 34.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



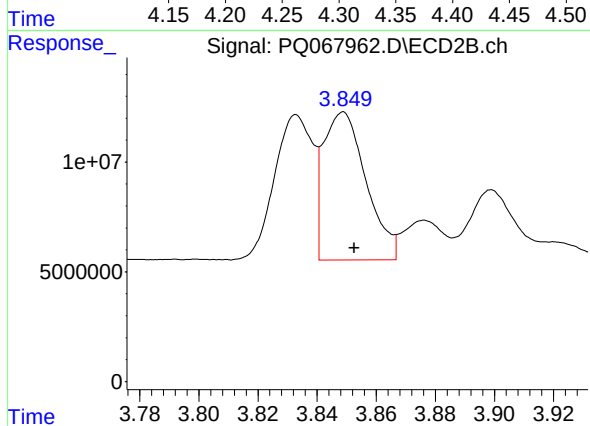
#11 AR-1232-1

R.T.: 3.173 min
Delta R.T.: -0.003 min
Response: 5769476
Conc: 39.27 ng/ml



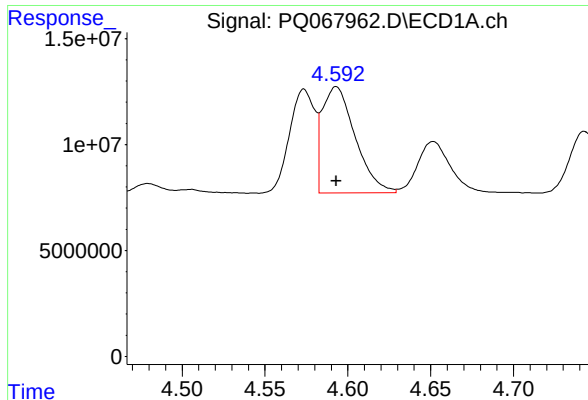
#12 AR-1232-2

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 25594047
Conc: 354.15 ng/ml



#12 AR-1232-2

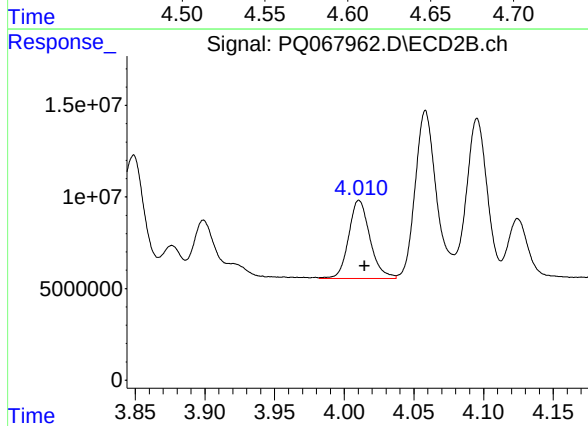
R.T.: 3.849 min
Delta R.T.: -0.004 min
Response: 67545427
Conc: 497.91 ng/ml



#13 AR-1232-3

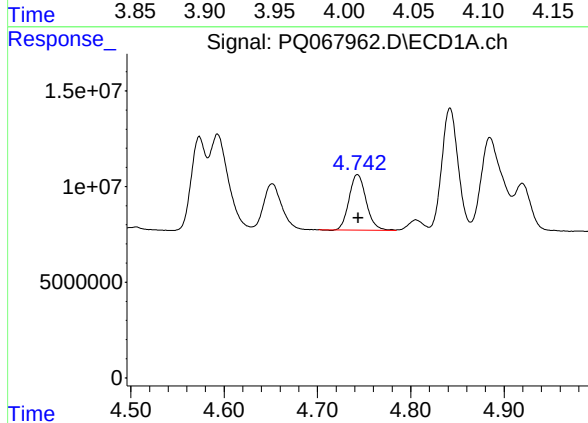
R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 69352911
Conc: 491.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



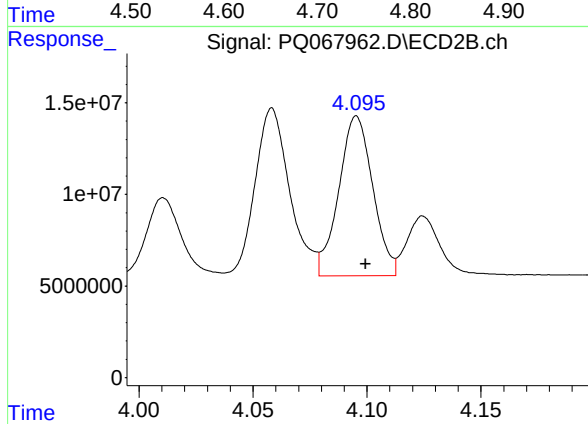
#13 AR-1232-3

R.T.: 4.011 min
Delta R.T.: -0.004 min
Response: 45375066
Conc: 599.14 ng/ml



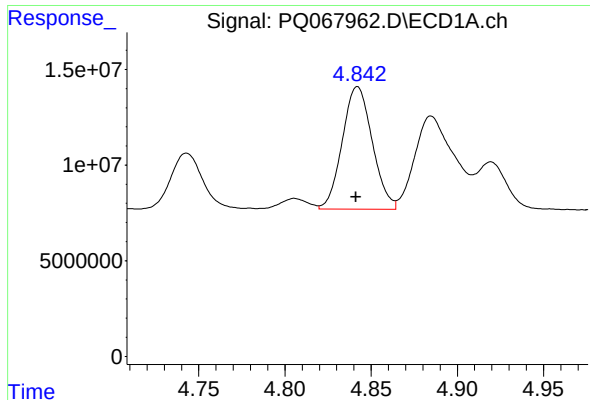
#14 AR-1232-4

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 36738060
Conc: 523.76 ng/ml



#14 AR-1232-4

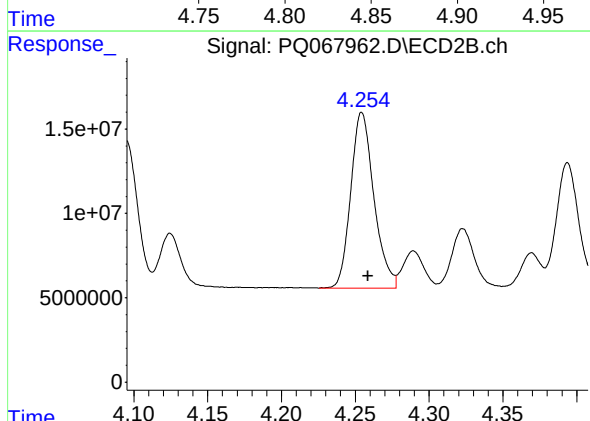
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 90818595
Conc: 1315.84 ng/ml



#15 AR-1232-5

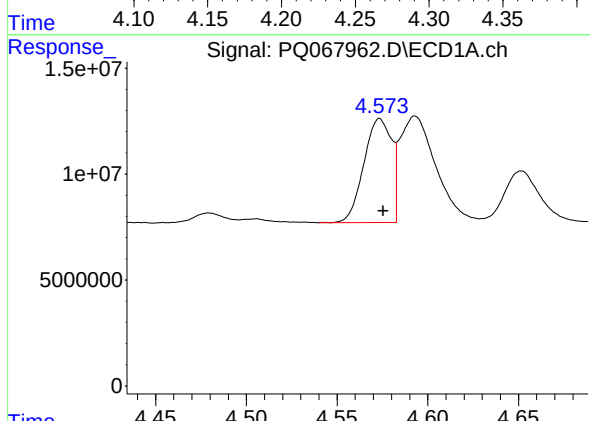
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 77467047
Conc: 1588.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



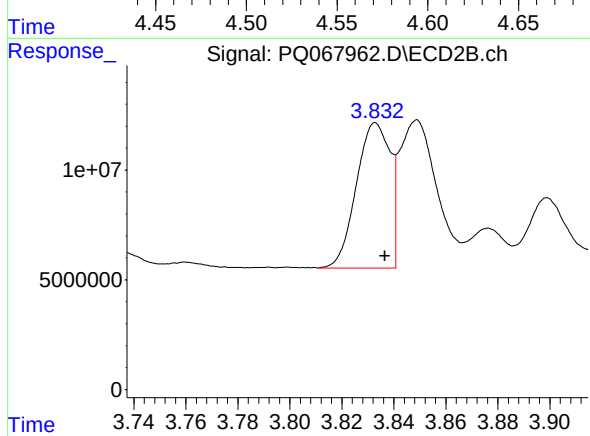
#15 AR-1232-5

R.T.: 4.254 min
Delta R.T.: -0.004 min
Response: 113972289
Conc: 1498.99 ng/ml



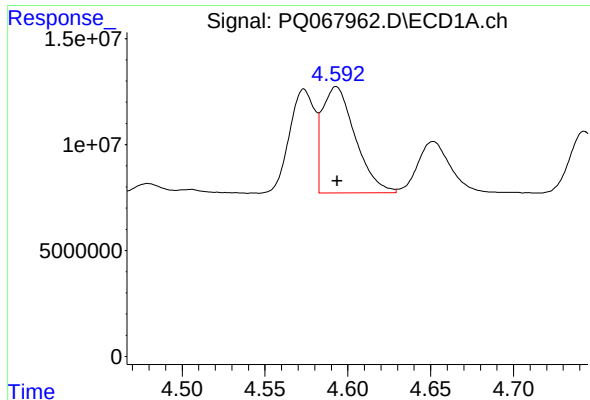
#16 AR-1242-1

R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 52211038
Conc: 387.93 ng/ml



#16 AR-1242-1

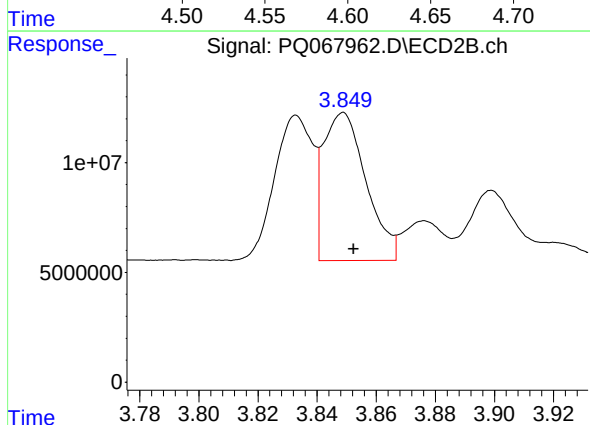
R.T.: 3.833 min
Delta R.T.: -0.004 min
Response: 59288090
Conc: 413.60 ng/ml



#17 AR-1242-2

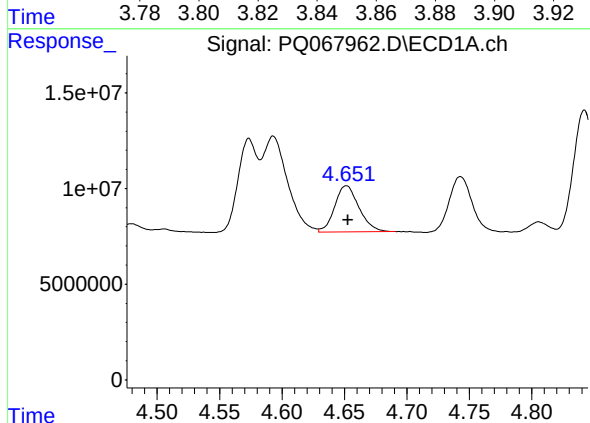
R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 69352911
Conc: 296.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



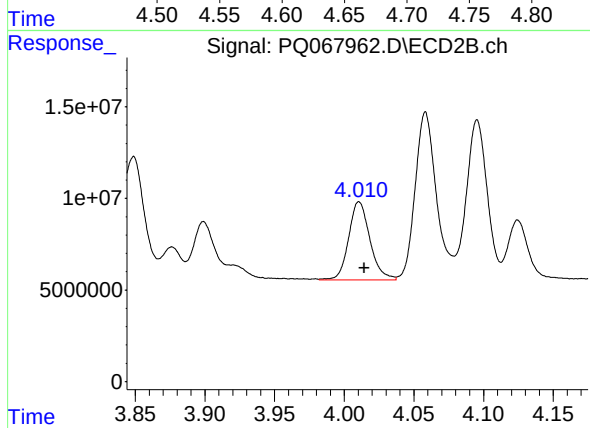
#17 AR-1242-2

R.T.: 3.849 min
Delta R.T.: -0.003 min
Response: 67545427
Conc: 288.25 ng/ml



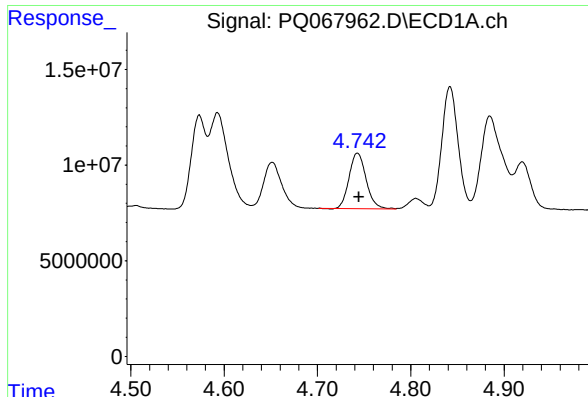
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: -0.001 min
Response: 32640982
Conc: 217.71 ng/ml



#18 AR-1242-3

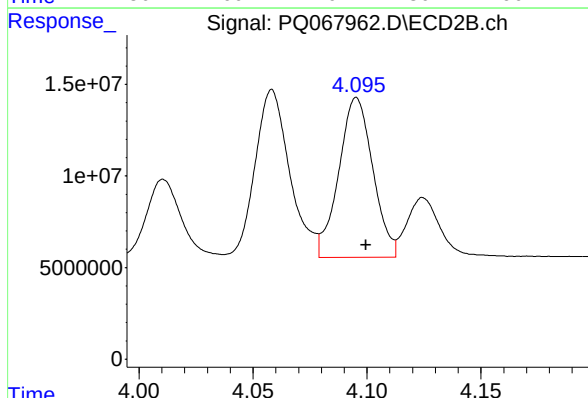
R.T.: 4.011 min
Delta R.T.: -0.004 min
Response: 45375066
Conc: 351.46 ng/ml



#19 AR-1242-4

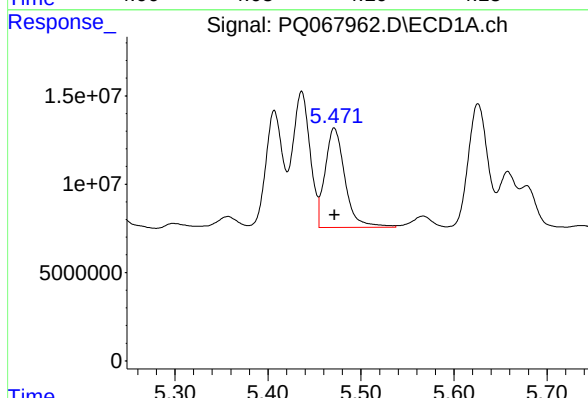
R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 36738060
Conc: 314.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



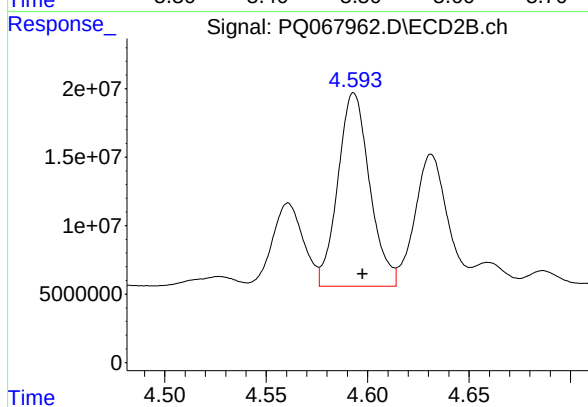
#19 AR-1242-4

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 90818595
Conc: 695.49 ng/ml



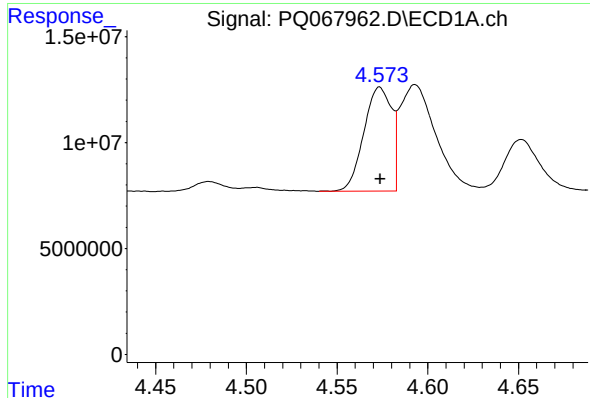
#20 AR-1242-5

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 83426902
Conc: 734.98 ng/ml



#20 AR-1242-5

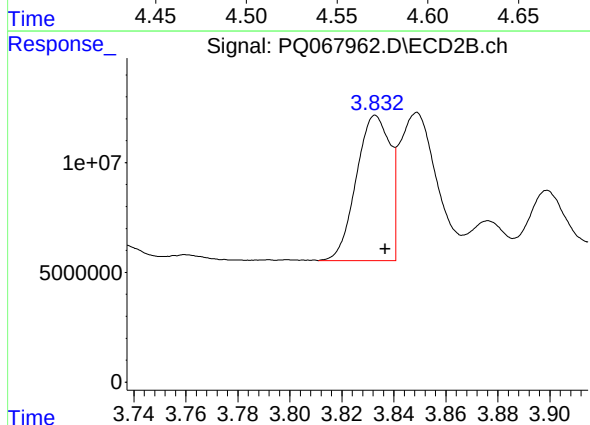
R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 154060986
Conc: 1008.08 ng/ml



#21 AR-1248-1

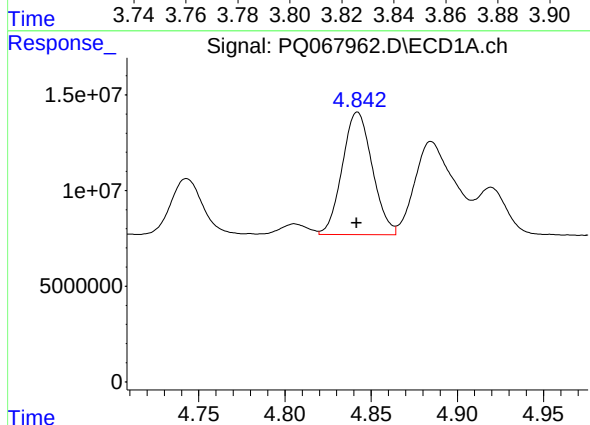
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 52211038
Conc: 500.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



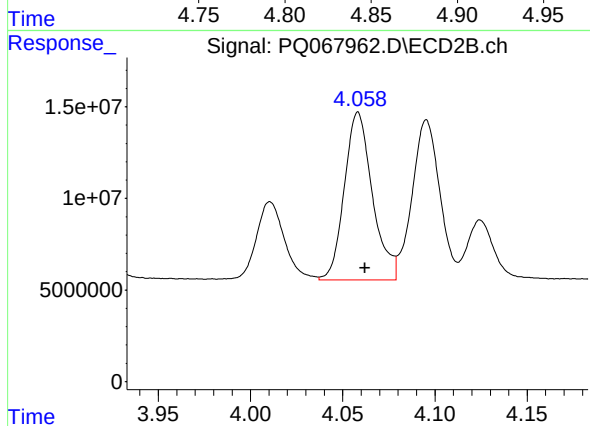
#21 AR-1248-1

R.T.: 3.833 min
Delta R.T.: -0.004 min
Response: 59288090
Conc: 521.38 ng/ml



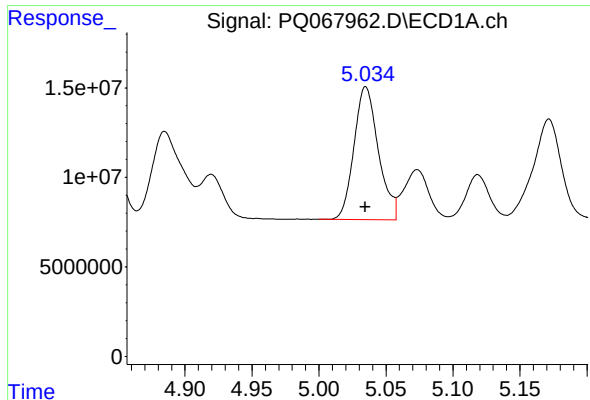
#22 AR-1248-2

R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 77467047
Conc: 458.83 ng/ml



#22 AR-1248-2

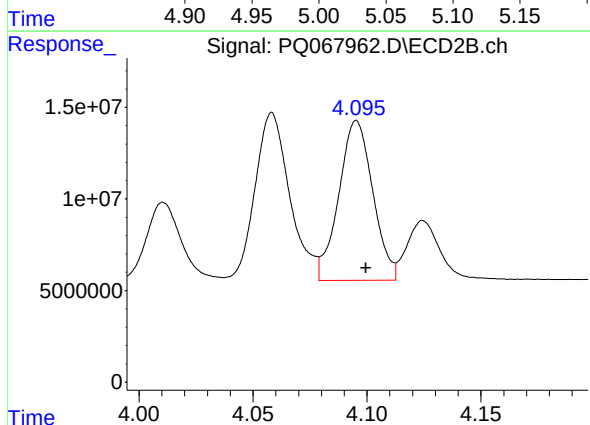
R.T.: 4.058 min
Delta R.T.: -0.004 min
Response: 96897550
Conc: 462.90 ng/ml



#23 AR-1248-3

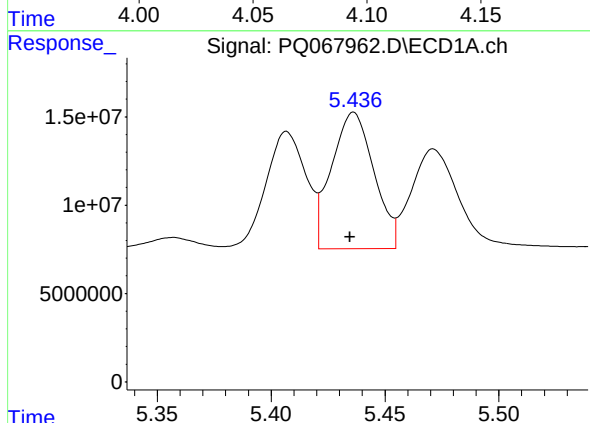
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 93801911
Conc: 462.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



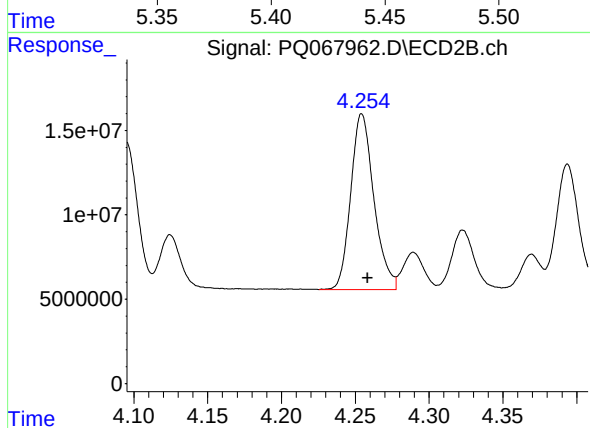
#23 AR-1248-3

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 90818595
Conc: 458.84 ng/ml



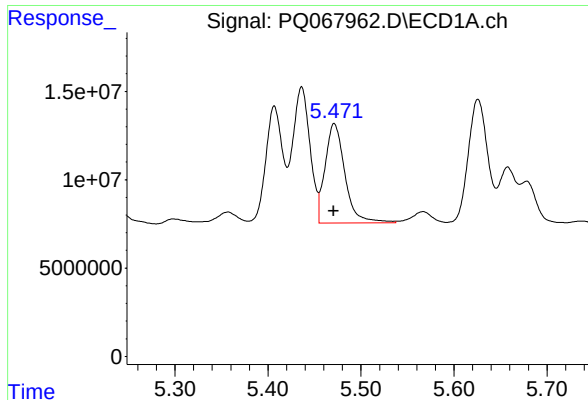
#24 AR-1248-4

R.T.: 5.436 min
Delta R.T.: 0.002 min
Response: 100146606
Conc: 526.81 ng/ml



#24 AR-1248-4

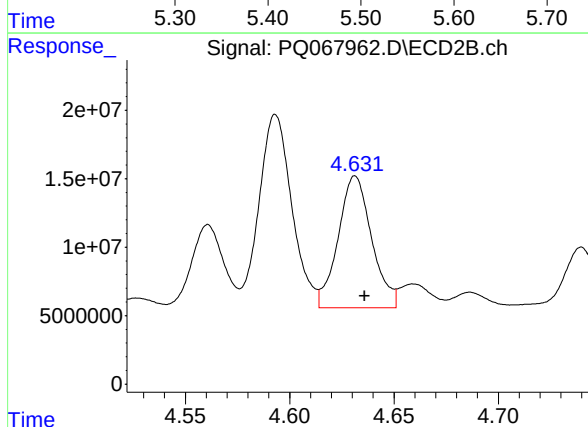
R.T.: 4.254 min
Delta R.T.: -0.004 min
Response: 113972289
Conc: 483.25 ng/ml



#25 AR-1248-5

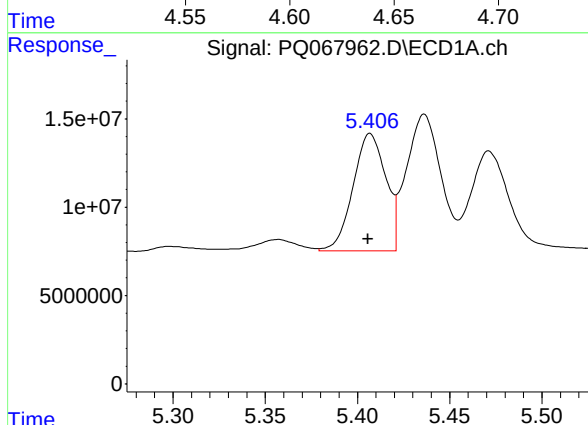
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 83426902
Conc: 416.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



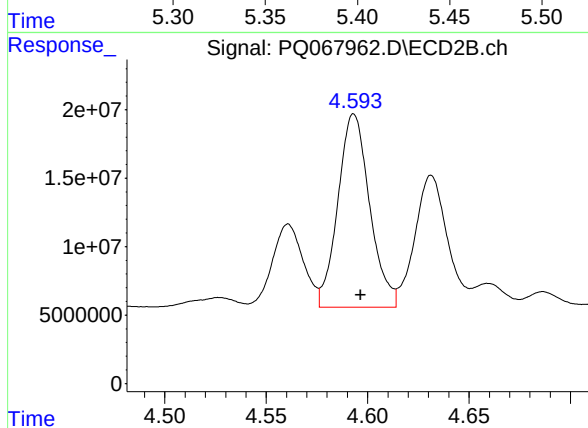
#25 AR-1248-5

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 107536105
Conc: 557.82 ng/ml



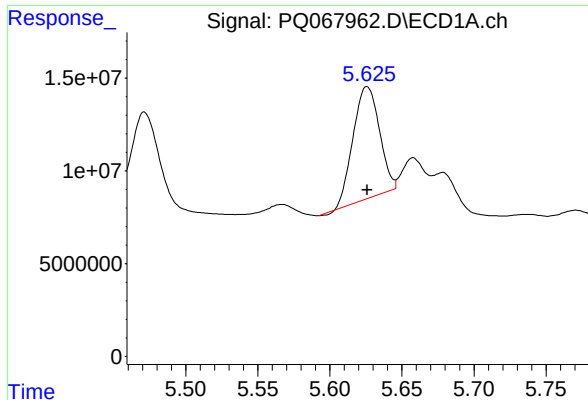
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.001 min
Response: 82035120
Conc: 368.78 ng/ml



#26 AR-1254-1

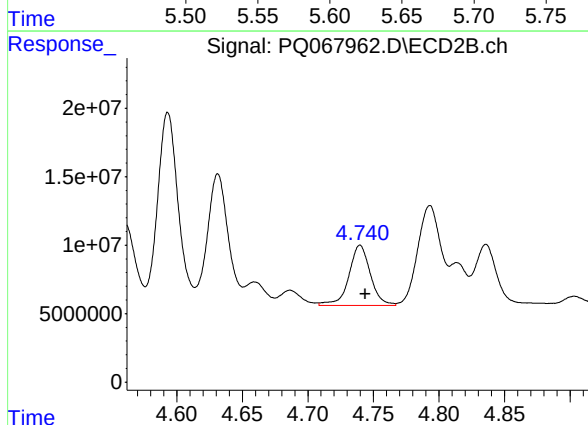
R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 154060986
Conc: 458.66 ng/ml



#27 AR-1254-2

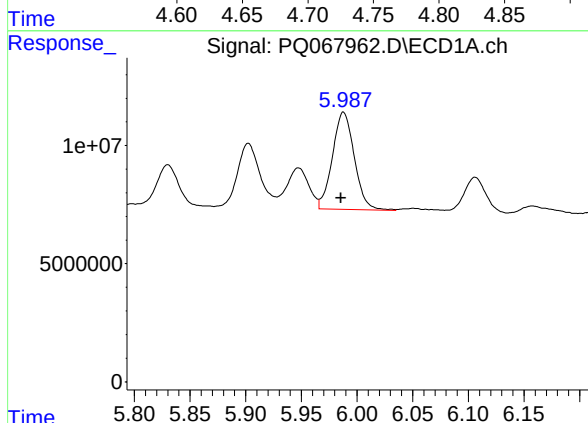
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 76591894
Conc: 237.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



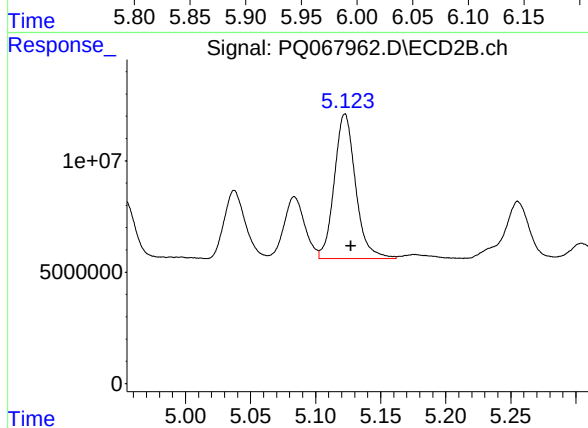
#27 AR-1254-2

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 50517205
Conc: 164.15 ng/ml



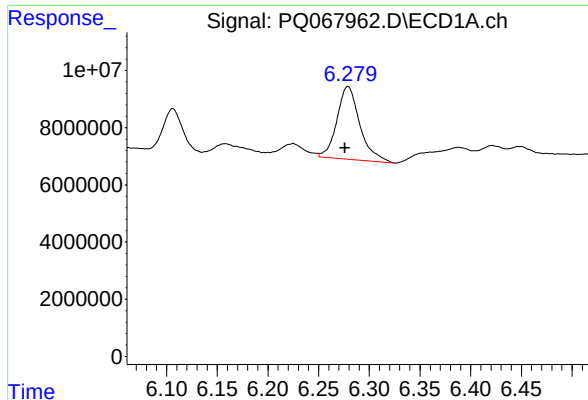
#28 AR-1254-3

R.T.: 5.988 min
Delta R.T.: 0.002 min
Response: 56532475
Conc: 172.53 ng/ml



#28 AR-1254-3

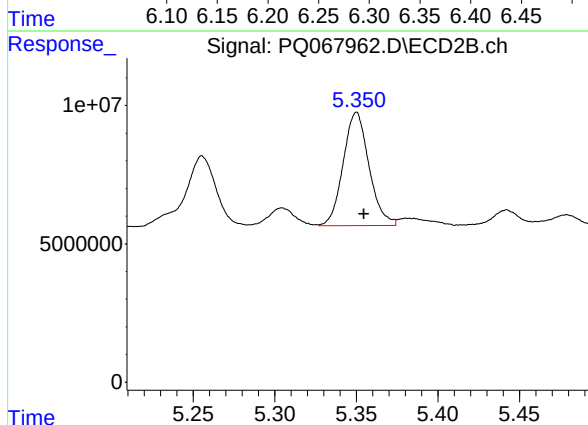
R.T.: 5.123 min
Delta R.T.: -0.005 min
Response: 73838405
Conc: 165.54 ng/ml



#29 AR-1254-4

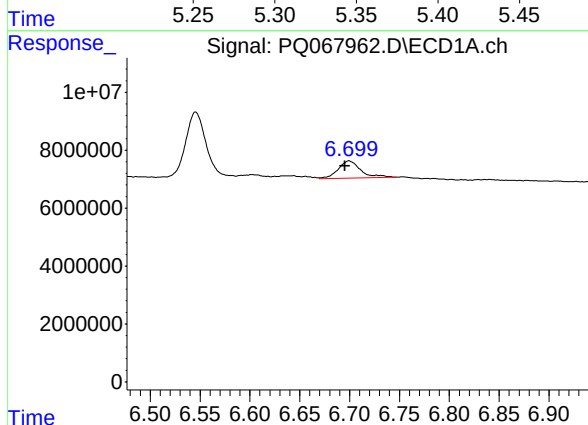
R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 40045408
Conc: 199.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



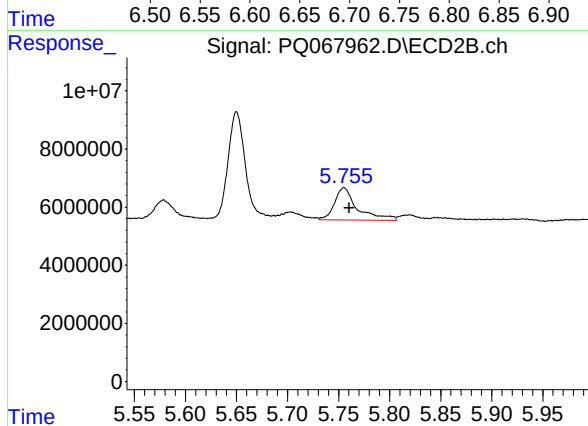
#29 AR-1254-4

R.T.: 5.350 min
Delta R.T.: -0.005 min
Response: 45189332
Conc: 200.34 ng/ml



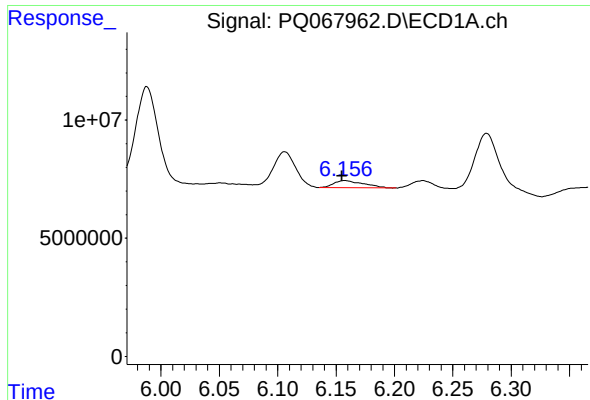
#30 AR-1254-5

R.T.: 6.700 min
Delta R.T.: 0.004 min
Response: 9379464
Conc: 37.31 ng/ml



#30 AR-1254-5

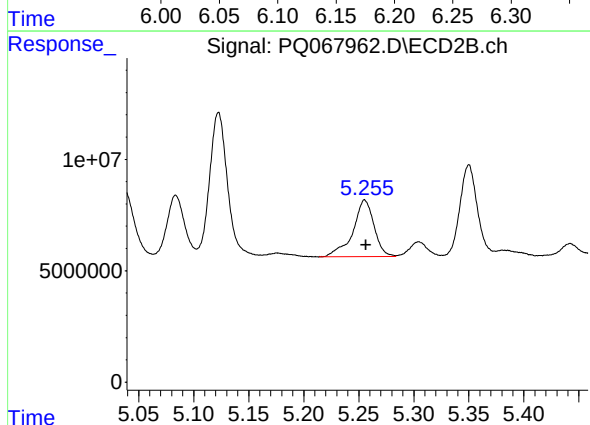
R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 17265951
Conc: 41.98 ng/ml



#31 AR-1260-1

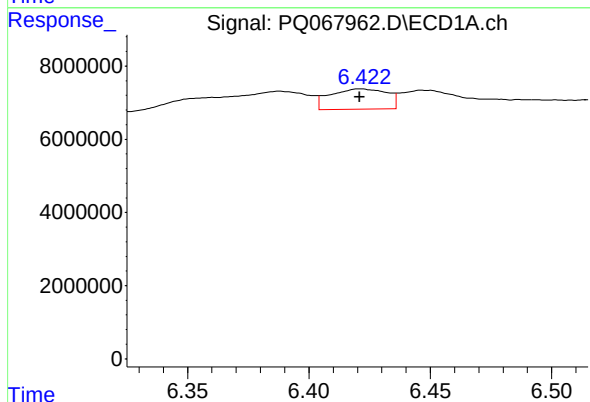
R.T.: 6.158 min
Delta R.T.: 0.002 min
Response: 4993769
Conc: 18.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



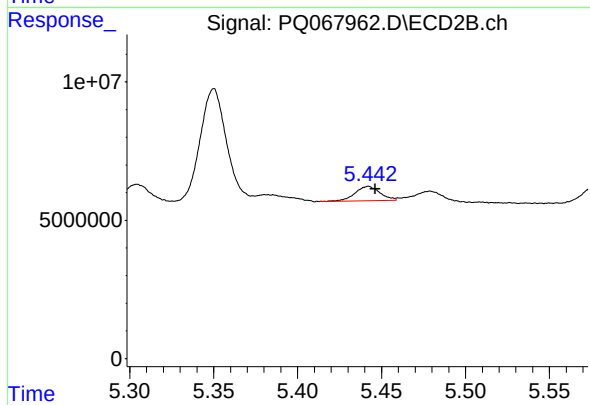
#31 AR-1260-1

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 34165030
Conc: 100.53 ng/ml



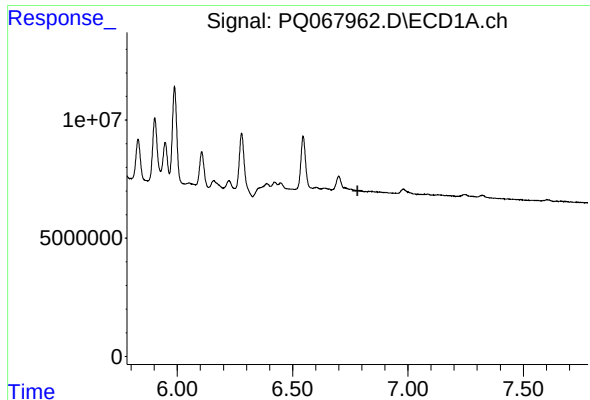
#32 AR-1260-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 8974830
Conc: 27.84 ng/ml



#32 AR-1260-2

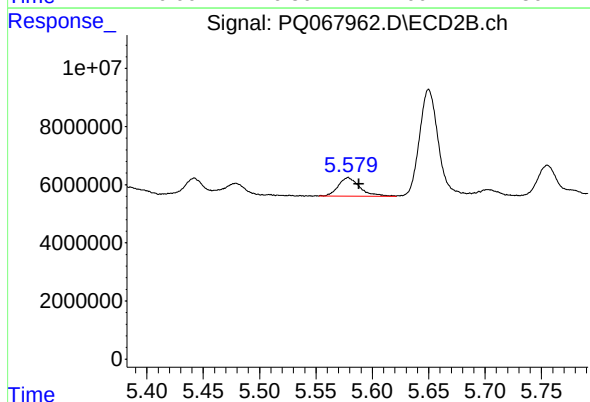
R.T.: 5.442 min
Delta R.T.: -0.004 min
Response: 5344359
Conc: 13.65 ng/ml



#33 AR-1260-3

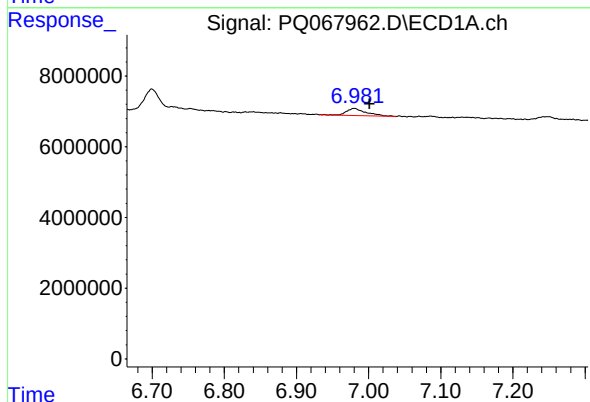
R.T.: 0.000 min
Exp R.T.: 6.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



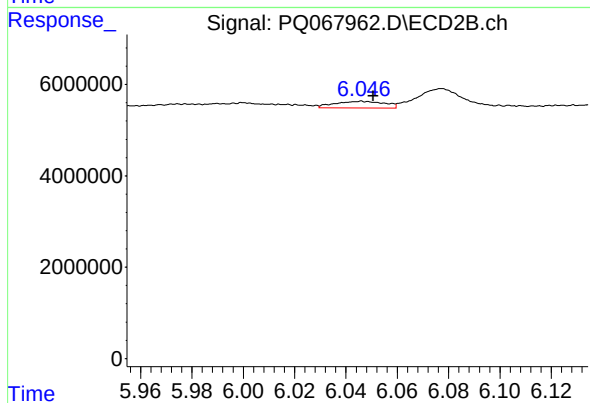
#33 AR-1260-3

R.T.: 5.579 min
Delta R.T.: -0.010 min
Response: 8582411
Conc: 22.84 ng/ml



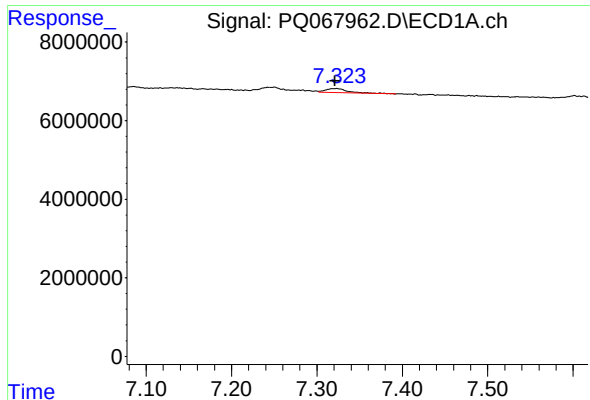
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: -0.021 min
Response: 3803467
Conc: 14.91 ng/ml



#34 AR-1260-4

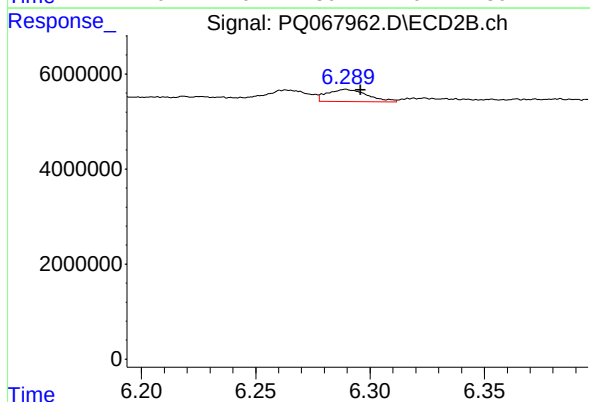
R.T.: 6.046 min
Delta R.T.: -0.004 min
Response: 1985423
Conc: 6.86 ng/ml



#35 AR-1260-5

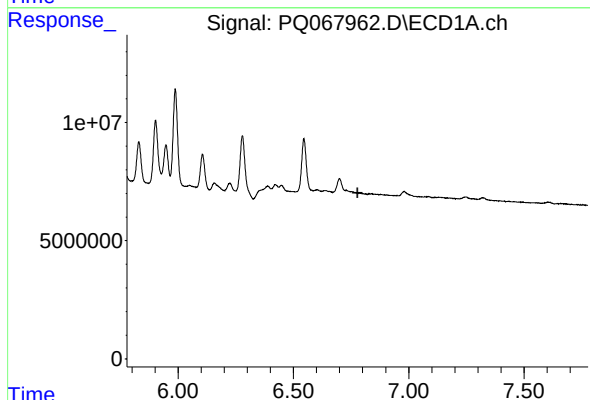
R.T.: 7.323 min
Delta R.T.: 0.001 min
Response: 1830537
Conc: 4.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



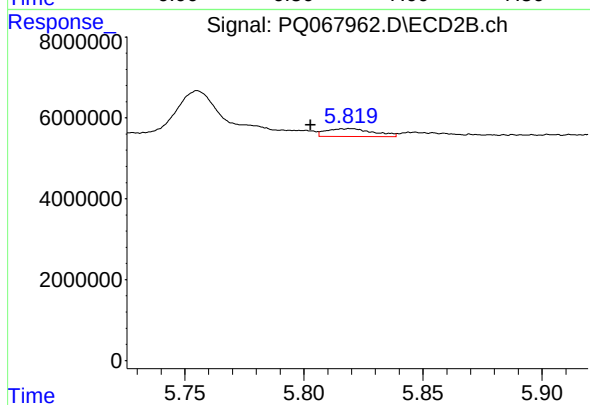
#35 AR-1260-5

R.T.: 6.289 min
Delta R.T.: -0.006 min
Response: 3126381
Conc: 5.25 ng/ml



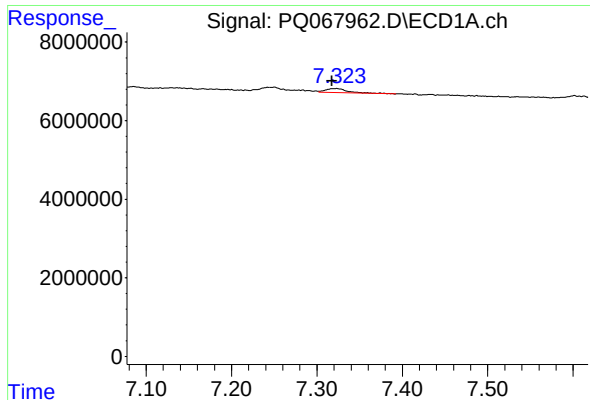
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.778 min
Response: 0
Conc: N.D.



#36 AR-1262-1

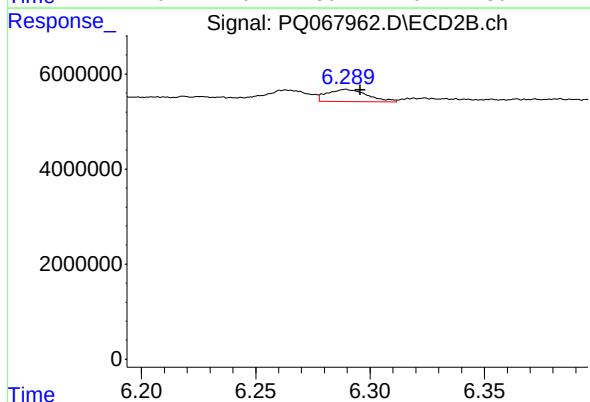
R.T.: 5.820 min
Delta R.T.: 0.017 min
Response: 2611531
Conc: 5.85 ng/ml



#37 AR-1262-2

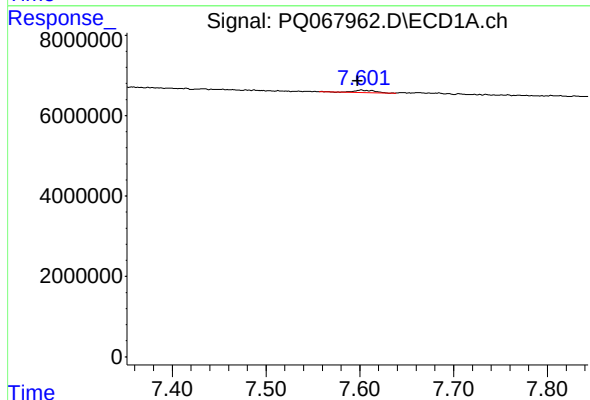
R.T.: 7.323 min
Delta R.T.: 0.005 min
Response: 1830537
Conc: 3.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



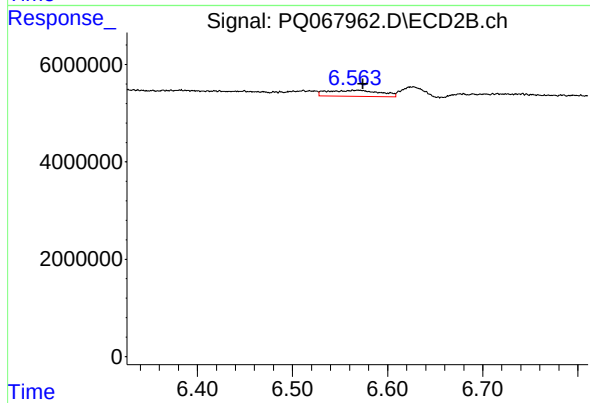
#37 AR-1262-2

R.T.: 6.289 min
Delta R.T.: -0.006 min
Response: 3126381
Conc: 4.57 ng/ml



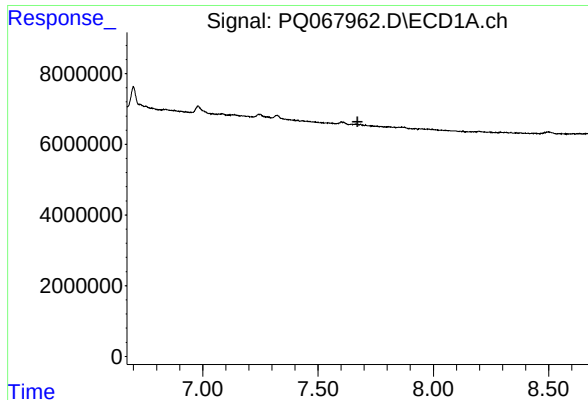
#38 AR-1262-3

R.T.: 7.601 min
Delta R.T.: 0.003 min
Response: 870026
Conc: 2.65 ng/ml



#38 AR-1262-3

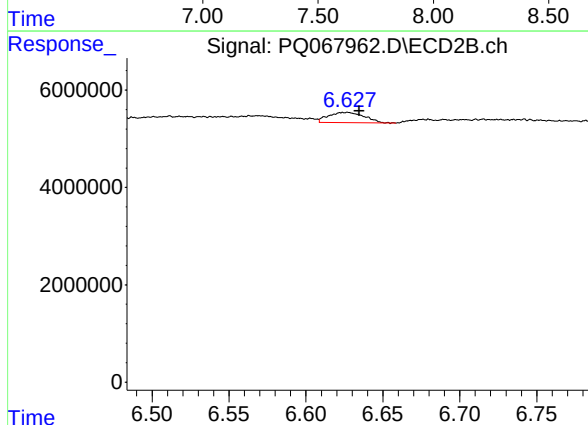
R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 4692291
Conc: 15.53 ng/ml



#39 AR-1262-4

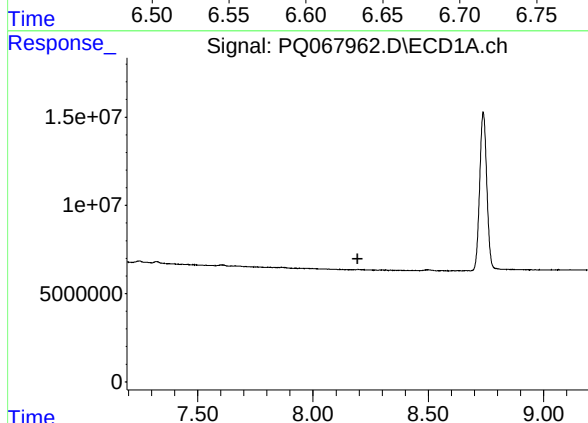
R.T.: 0.000 min
Exp R.T.: 7.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



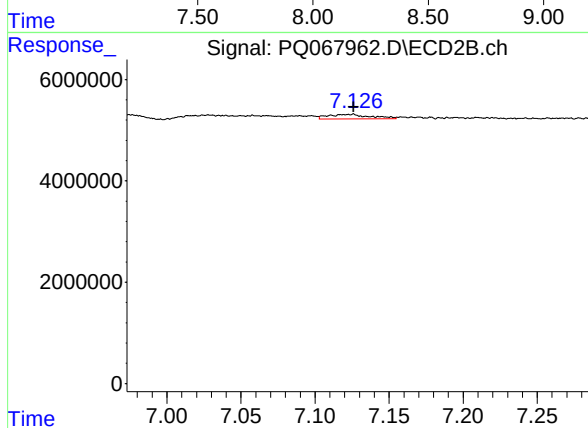
#39 AR-1262-4

R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 3379531
Conc: 6.42 ng/ml



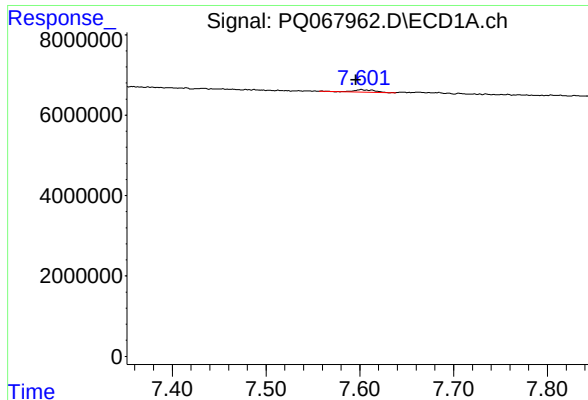
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.193 min
Response: 0
Conc: N.D.



#40 AR-1262-5

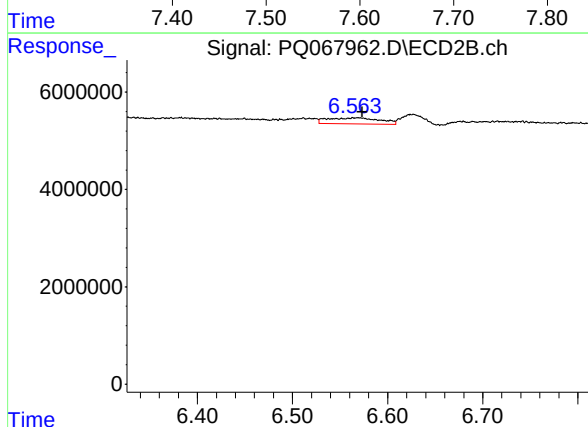
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 1752066
Conc: 8.18 ng/ml



#41 AR-1268-1

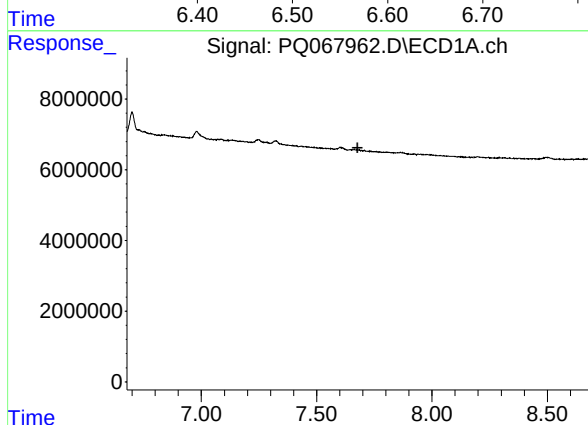
R.T.: 7.601 min
Delta R.T.: 0.005 min
Response: 870026
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



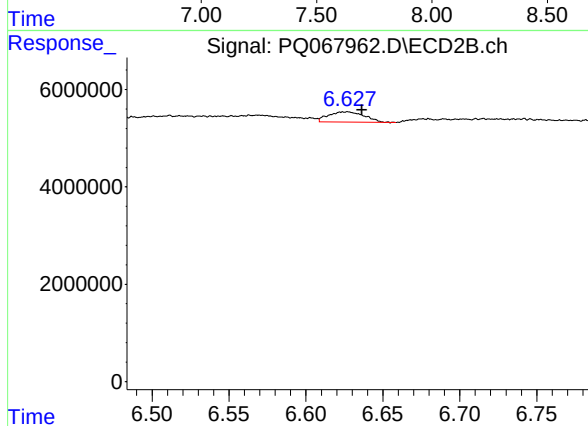
#41 AR-1268-1

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 4692291
Conc: 5.58 ng/ml



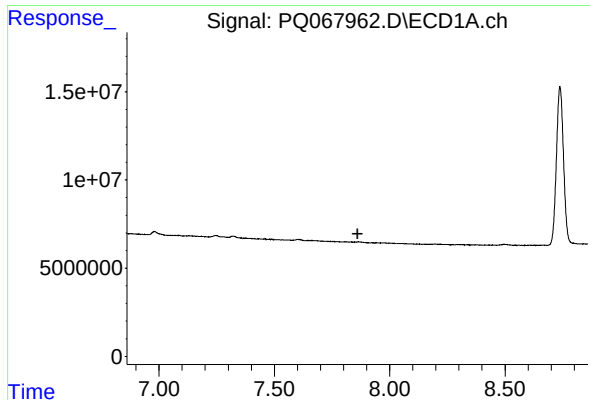
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.677 min
Response: 0
Conc: N.D.



#42 AR-1268-2

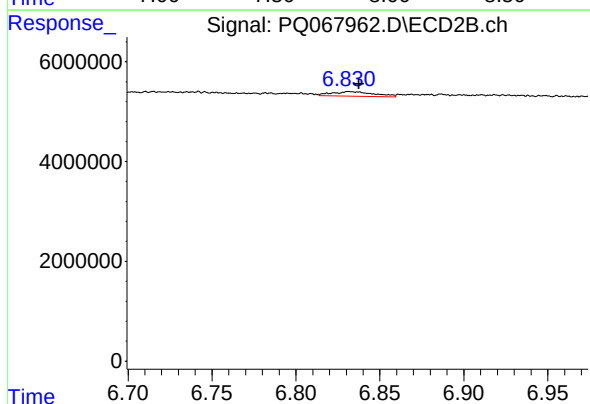
R.T.: 6.627 min
Delta R.T.: -0.010 min
Response: 3379531
Conc: 4.41 ng/ml



#43 AR-1268-3

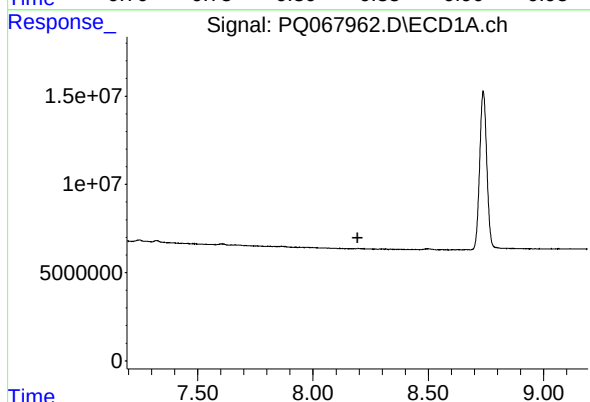
R.T.: 0.000 min
Exp R.T.: 7.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



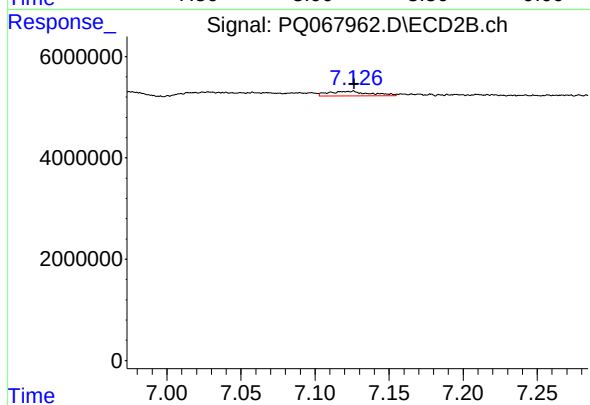
#43 AR-1268-3

R.T.: 6.832 min
Delta R.T.: -0.006 min
Response: 1611263
Conc: 2.31 ng/ml



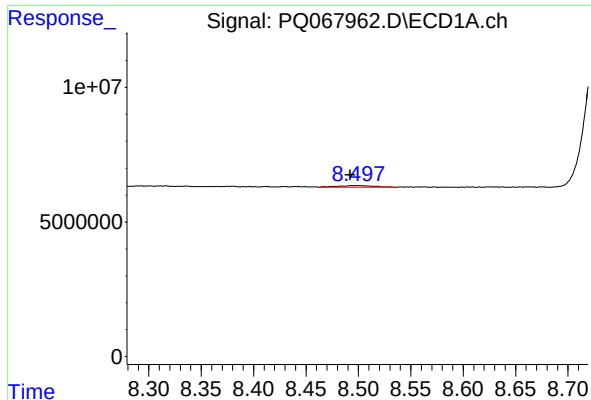
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.193 min
Response: 0
Conc: N.D.



#44 AR-1268-4

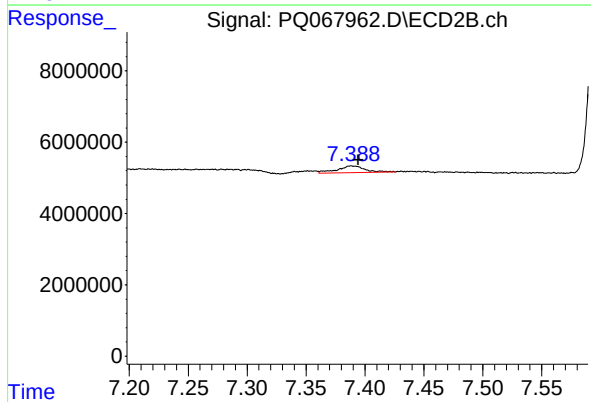
R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 1752066
Conc: 7.45 ng/ml



#45 AR-1268-5

R.T.: 8.498 min
Delta R.T.: 0.006 min
Response: 1439427
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 3083314
Conc: 1.61 ng/ml