

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062518\
 Data File : PQ030082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2018 13:36
 Operator : UA/SM
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 03:15:46 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_Q\Method\PQ062518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 26 03:14:15 2018
 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

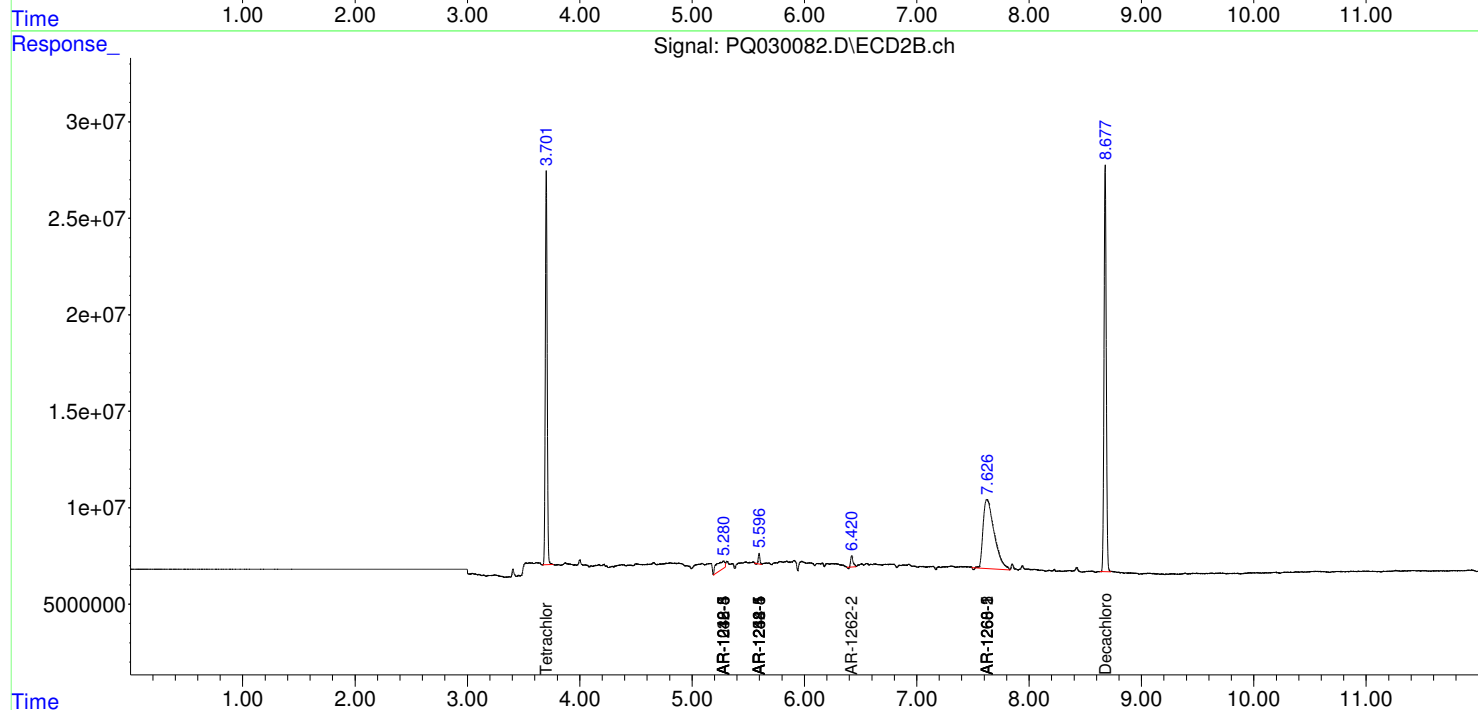
System Monitoring Compounds						
1) SA Tetrachlo...	4.440	3.701	987.5E6	233.7E6	17.506	19.349
2) SA Decachlor...	10.124	8.677	759.1E6	291.0E6	18.661	19.445
Target Compounds						
3) L1 AR-1016-1	4.816	0.000	48538792	0	50.281	N.D. #
4) L1 AR-1016-2	5.294	0.000	14779374	0	12.379	N.D. #
5) L1 AR-1016-3	5.714	0.000	86906085	0	49.209	N.D. #
6) L1 AR-1016-4	5.820	0.000	114.3E6	0	80.244	N.D. #
7) L1 AR-1016-5	6.266	5.279	336.5E6	24194570	233.466	69.358 #
8) L2 AR-1221-1	4.691	0.000	2872366	0	3.519	N.D. #
9) L2 AR-1221-2	4.747	0.000	29305091	0	47.864	N.D. #
10) L2 AR-1221-3	4.816	0.000	48538792	0	28.131	N.D. #
11) L3 AR-1232-1	4.816	0.000	48538792	0	42.313	N.D. #
12) L3 AR-1232-2	5.294	0.000	14779374	0	26.457	N.D. #
13) L3 AR-1232-3	5.714	0.000	86906085	0	94.002	N.D. #
14) L3 AR-1232-4	5.755	5.279	87273430	24194570	112.492	182.494 #
15) L3 AR-1232-5	0.000	5.597	0	5419486	N.D.	34.302 #
16) L4 AR-1242-1	5.294	0.000	14779374	0	13.822	N.D. #
17) L4 AR-1242-2	5.614	0.000	94157232	0	57.940	N.D. #
18) L4 AR-1242-3	5.714	0.000	86906085	0	56.584	N.D. #
20) L4 AR-1242-5	6.266	5.279	336.5E6	24194570	246.102	81.964 #
22) L5 AR-1248-2	6.266	0.000	336.5E6	0	214.029	N.D. #
23) L5 AR-1248-3	6.451	5.279	283.9E6	24194570	143.187	55.573 #
24) L5 AR-1248-4	6.575	5.597	104.6E6	5419486	51.776	8.360 #
25) L5 AR-1248-5	6.697	5.597	153.0E6	5419486	76.269	12.069 #
26) L6 AR-1254-1	6.451	5.597	283.9E6	5419486	128.677	7.249 #
27) L6 AR-1254-2	6.697	0.000	153.0E6	0	46.030	N.D. #
28) L6 AR-1254-3	7.039	0.000	178.7E6	0	50.093	N.D. #
29) L6 AR-1254-4	7.330	0.000	118.0E6	0	44.208	N.D. #
30) L6 AR-1254-5	7.714	0.000	59739553	0	18.942	N.D. #
32) L7 AR-1260-2	7.451	0.000	43726525	0	14.874	N.D. #
33) L7 AR-1260-3	7.714	0.000	59739553	0	15.609	N.D. #
35) L7 AR-1260-5	0.000	7.626	0	244.9E6	N.D.	190.368 #
37) L8 AR-1262-2	7.451	6.420	43726525	8693415	18.922	12.152 #
38) L8 AR-1262-3	7.791	0.000	32429417	0	10.535	N.D. #
41) L9 AR-1268-1	0.000	7.626	0	244.9E6	N.D.	121.986 #
42) L9 AR-1268-2	0.000	7.626	0	244.9E6	N.D.	126.098 #
43) L9 AR-1268-3	8.944	0.000	31946340	0	8.106	N.D. #
44) L9 AR-1268-4	9.353	0.000	14239880	0	7.684	N.D. #
45) L9 AR-1268-5	9.793	0.000	9773009	0	0.768	N.D. #

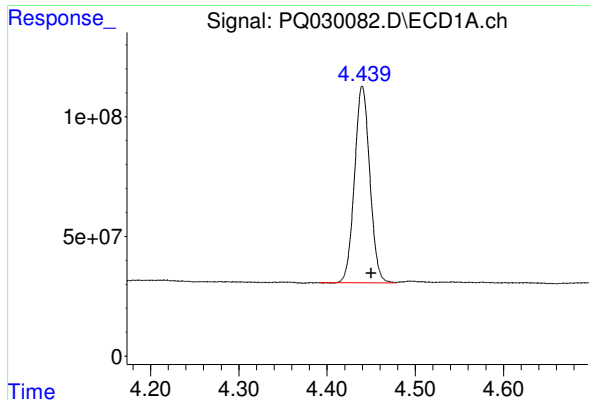
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :

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

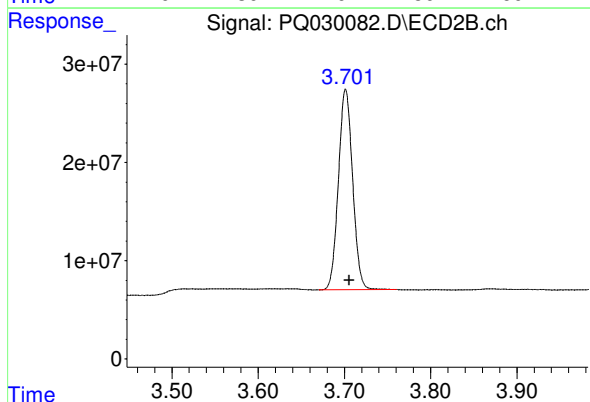




#1 Tetrachloro-m-xylene

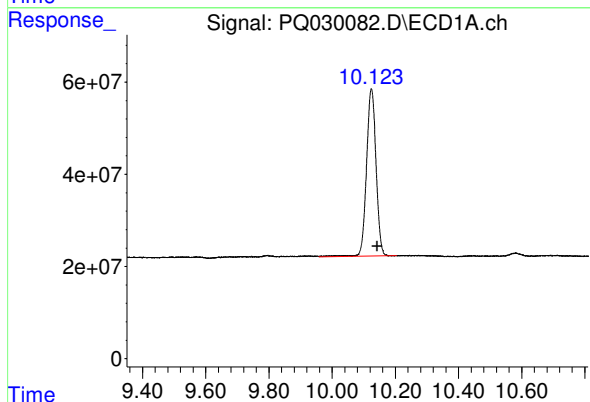
R.T.: 4.440 min
Delta R.T.: -0.010 min
Response: 987549199
Conc: 17.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



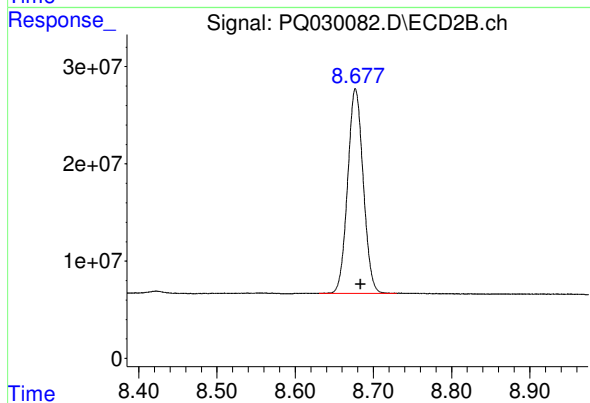
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: -0.004 min
Response: 233718619
Conc: 19.35 ng/ml



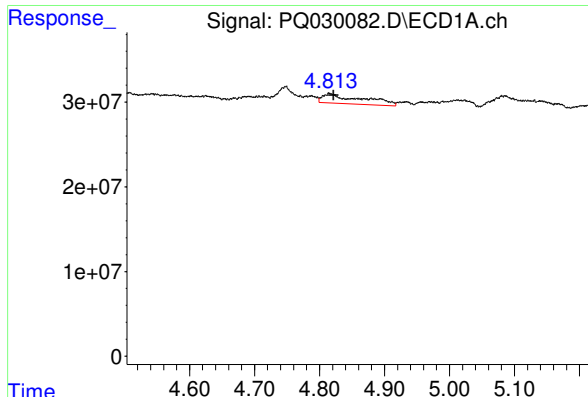
#2 Decachlorobiphenyl

R.T.: 10.124 min
Delta R.T.: -0.018 min
Response: 759102079
Conc: 18.66 ng/ml



#2 Decachlorobiphenyl

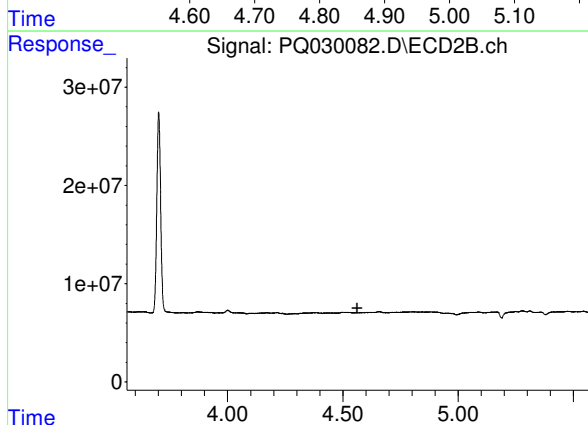
R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 291030695
Conc: 19.45 ng/ml



#3 AR-1016-1

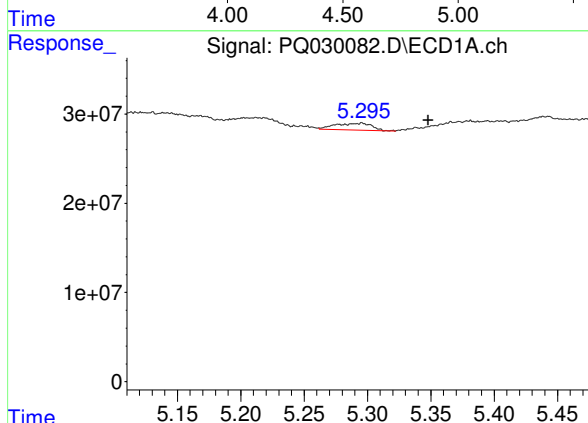
R.T.: 4.816 min
Delta R.T.: -0.005 min
Response: 48538792
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



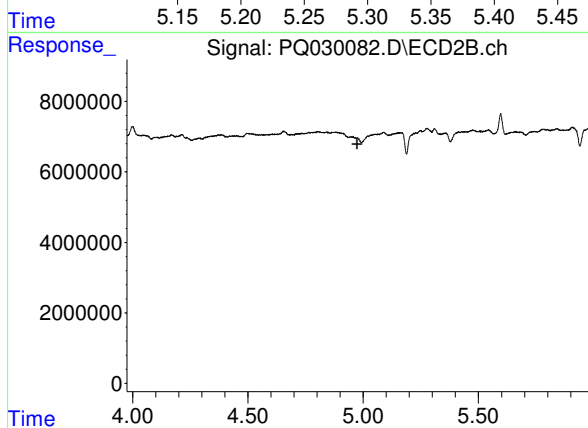
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.563 min
Response: 0
Conc: N.D.



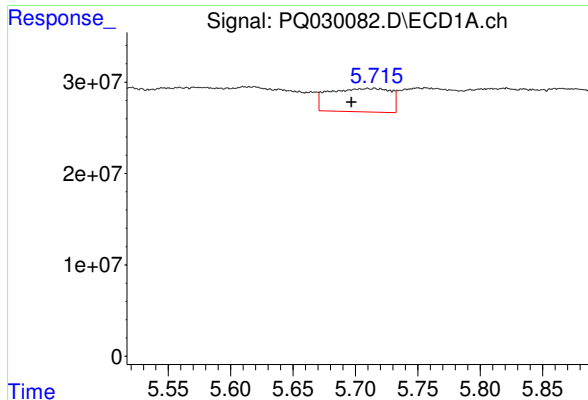
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: -0.053 min
Response: 14779374
Conc: 12.38 ng/ml



#4 AR-1016-2

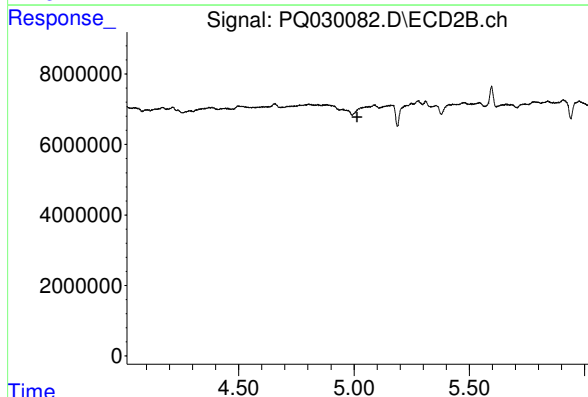
R.T.: 0.000 min
Exp R.T. : 4.975 min
Response: 0
Conc: N.D.



#5 AR-1016-3

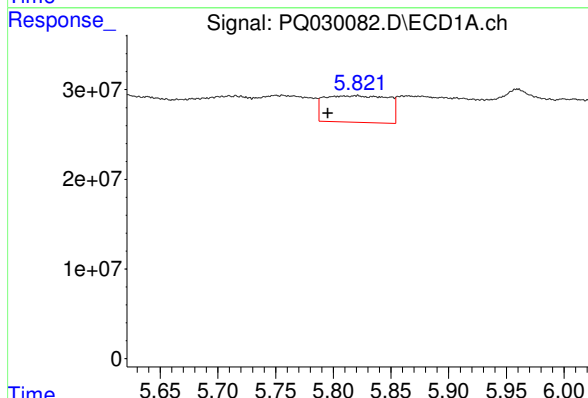
R.T.: 5.714 min
Delta R.T.: 0.017 min
Response: 86906085
Conc: 49.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



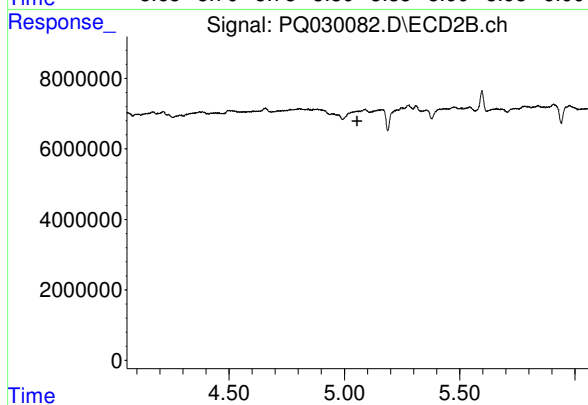
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.015 min
Response: 0
Conc: N.D.



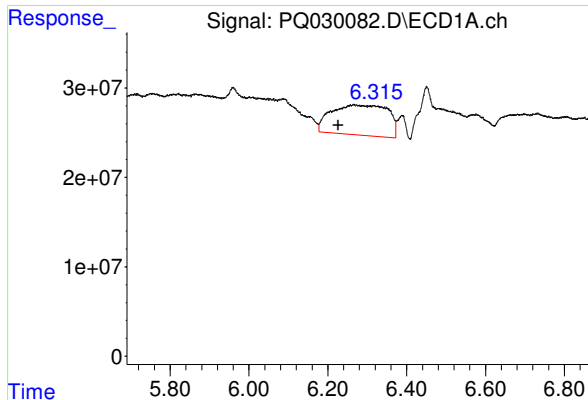
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.025 min
Response: 114259711
Conc: 80.24 ng/ml



#6 AR-1016-4

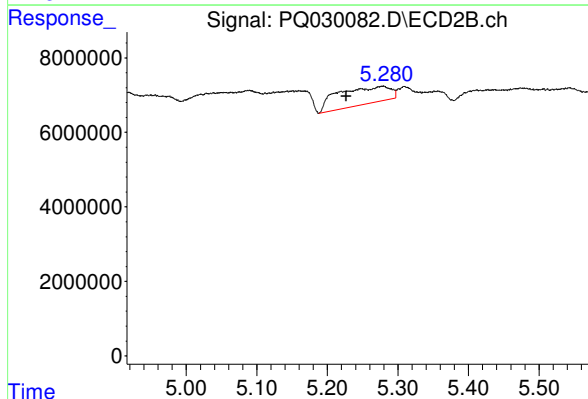
R.T.: 0.000 min
Exp R.T. : 5.056 min
Response: 0
Conc: N.D.



#7 AR-1016-5

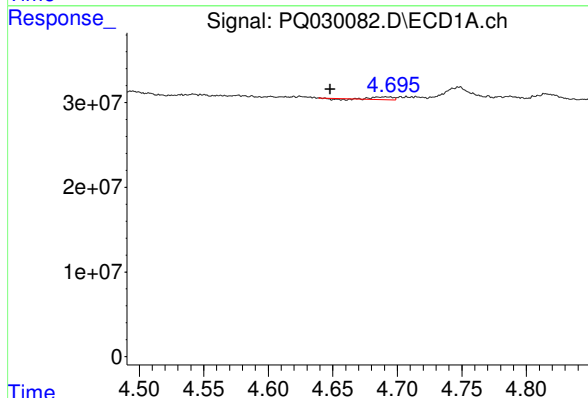
R.T.: 6.266 min
Delta R.T.: 0.039 min
Response: 336456889
Conc: 233.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



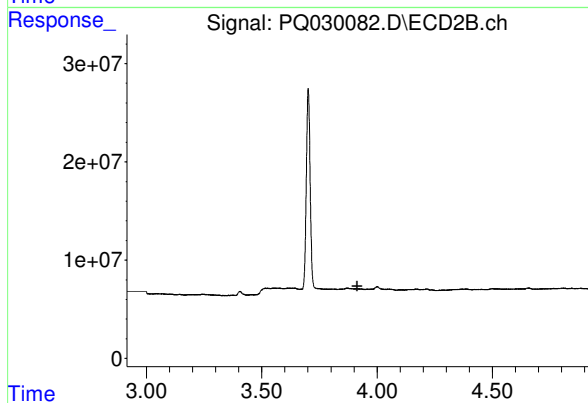
#7 AR-1016-5

R.T.: 5.279 min
Delta R.T.: 0.052 min
Response: 24194570
Conc: 69.36 ng/ml



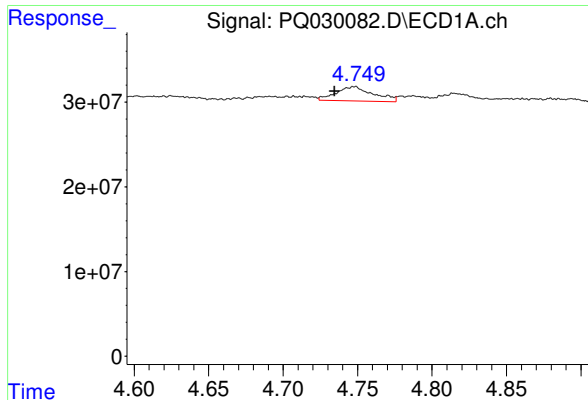
#8 AR-1221-1

R.T.: 4.691 min
Delta R.T.: 0.043 min
Response: 2872366
Conc: 3.52 ng/ml



#8 AR-1221-1

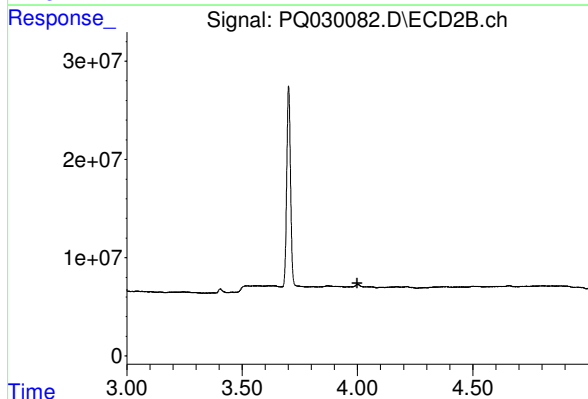
R.T.: 0.000 min
Exp R.T.: 3.914 min
Response: 0
Conc: N.D.



#9 AR-1221-2

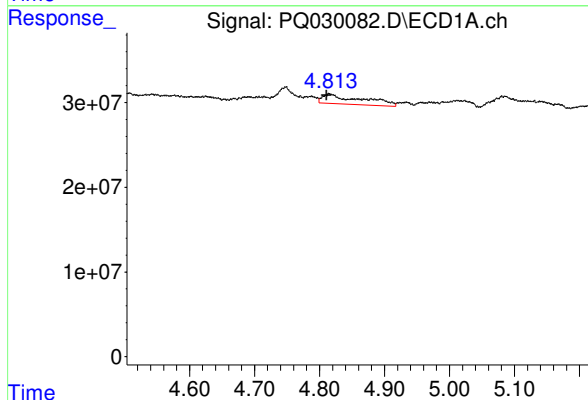
R.T.: 4.747 min
Delta R.T.: 0.013 min
Response: 29305091
Conc: 47.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



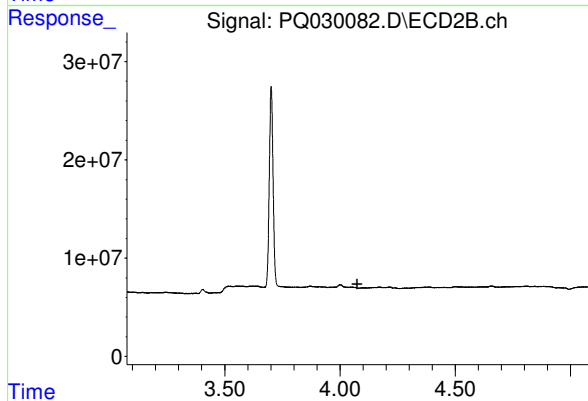
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



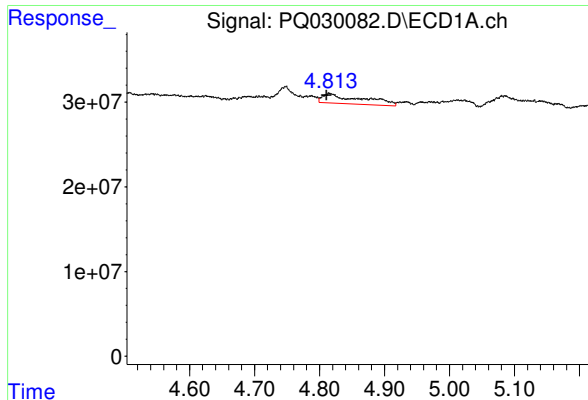
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: 0.005 min
Response: 48538792
Conc: 28.13 ng/ml



#10 AR-1221-3

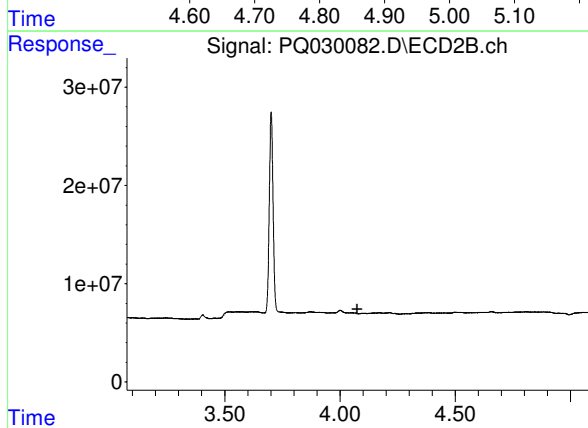
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#11 AR-1232-1

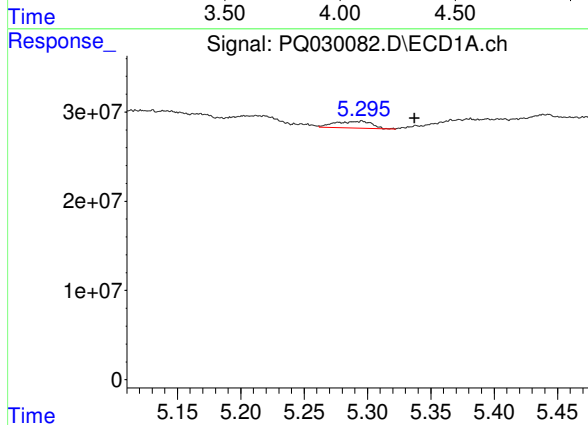
R.T.: 4.816 min
Delta R.T.: 0.005 min
Response: 48538792
Conc: 42.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



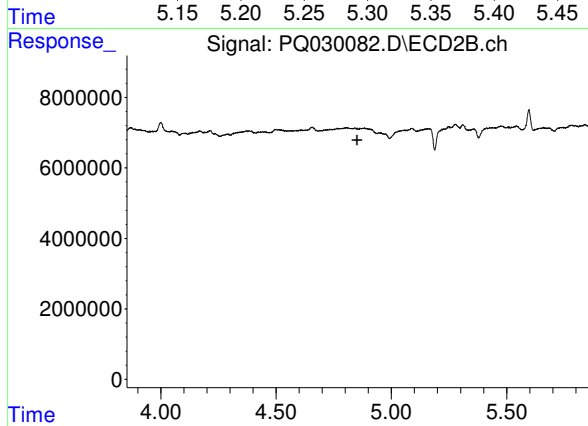
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



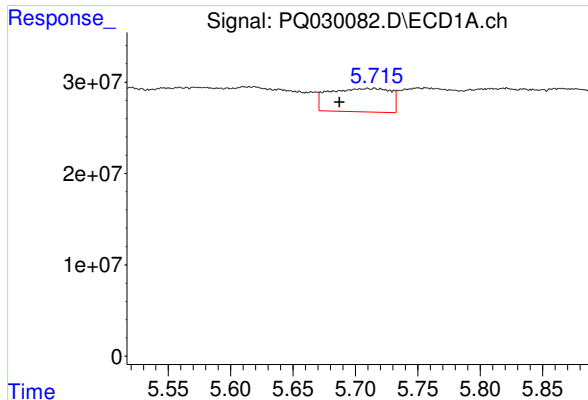
#12 AR-1232-2

R.T.: 5.294 min
Delta R.T.: -0.043 min
Response: 14779374
Conc: 26.46 ng/ml



#12 AR-1232-2

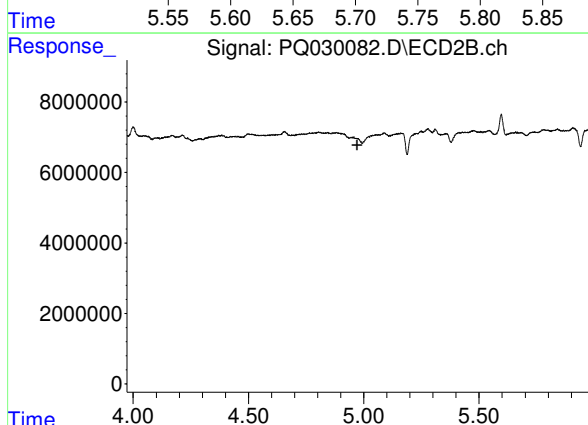
R.T.: 0.000 min
Exp R.T. : 4.853 min
Response: 0
Conc: N.D.



#13 AR-1232-3

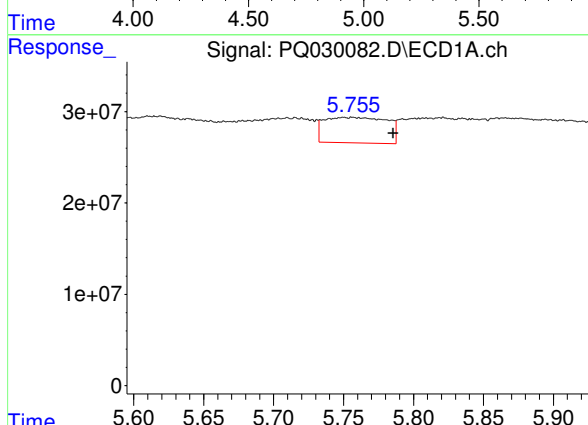
R.T.: 5.714 min
Delta R.T.: 0.027 min
Response: 86906085
Conc: 94.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



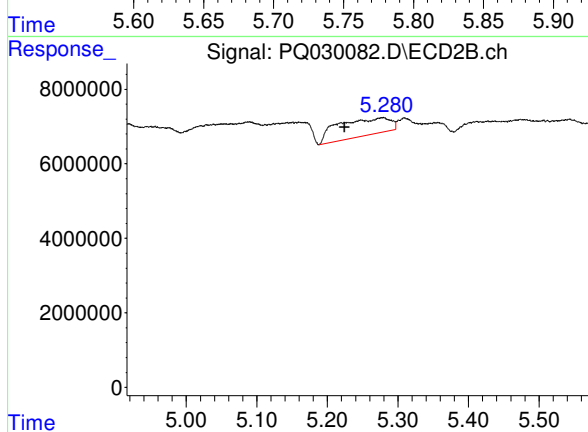
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.972 min
Response: 0
Conc: N.D.



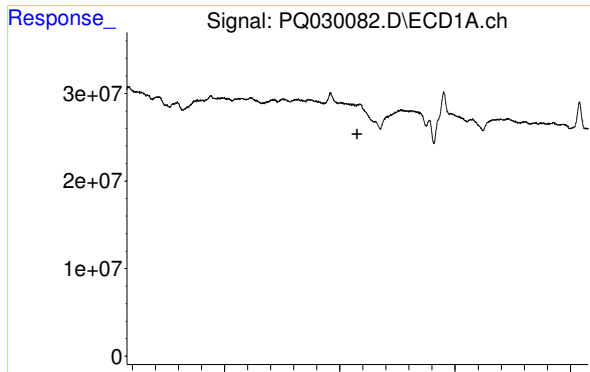
#14 AR-1232-4

R.T.: 5.755 min
Delta R.T.: -0.030 min
Response: 87273430
Conc: 112.49 ng/ml



#14 AR-1232-4

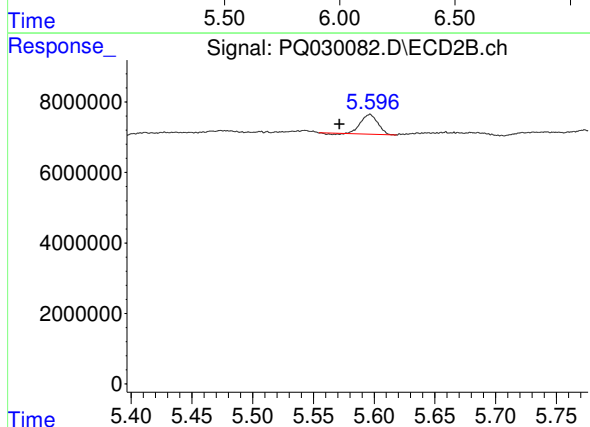
R.T.: 5.279 min
Delta R.T.: 0.055 min
Response: 24194570
Conc: 182.49 ng/ml



#15 AR-1232-5

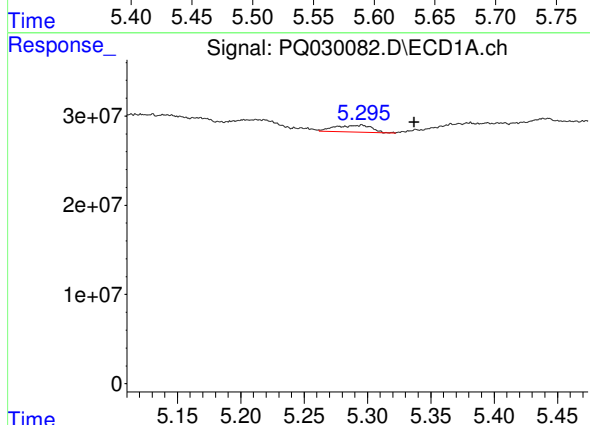
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



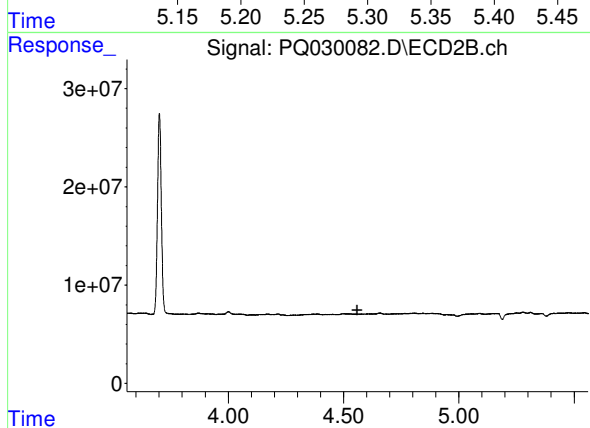
#15 AR-1232-5

R.T.: 5.597 min
Delta R.T.: 0.025 min
Response: 5419486
Conc: 34.30 ng/ml



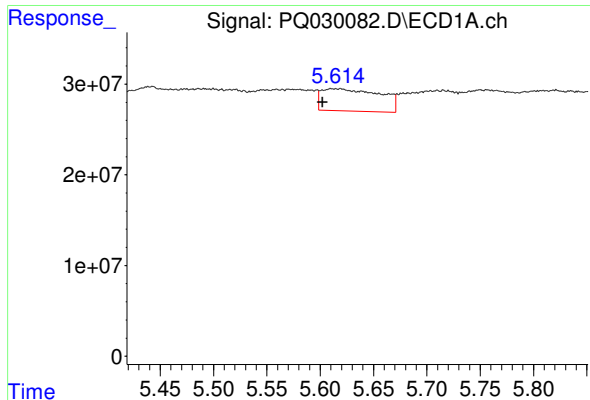
#16 AR-1242-1

R.T.: 5.294 min
Delta R.T.: -0.043 min
Response: 14779374
Conc: 13.82 ng/ml



#16 AR-1242-1

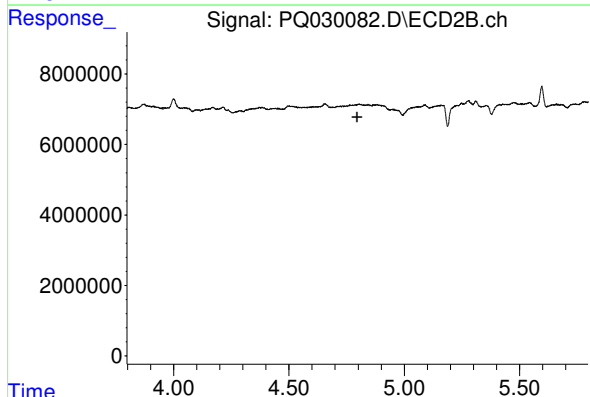
R.T.: 0.000 min
Exp R.T.: 4.560 min
Response: 0
Conc: N.D.



#17 AR-1242-2

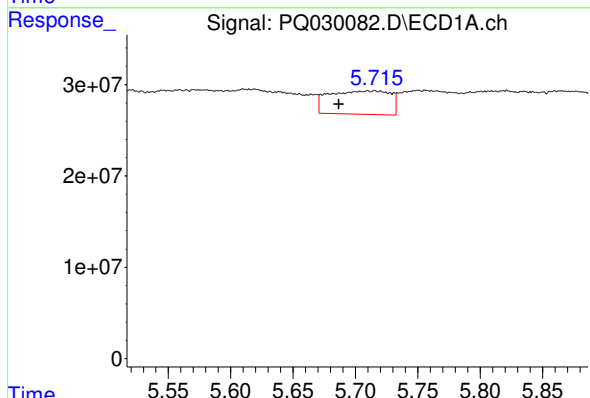
R.T.: 5.614 min
Delta R.T.: 0.012 min
Response: 94157232
Conc: 57.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



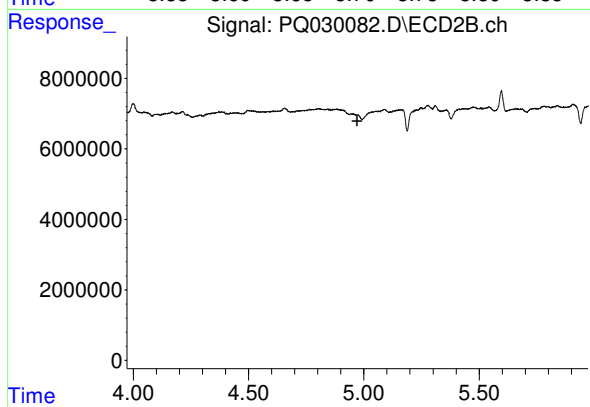
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.796 min
Response: 0
Conc: N.D.



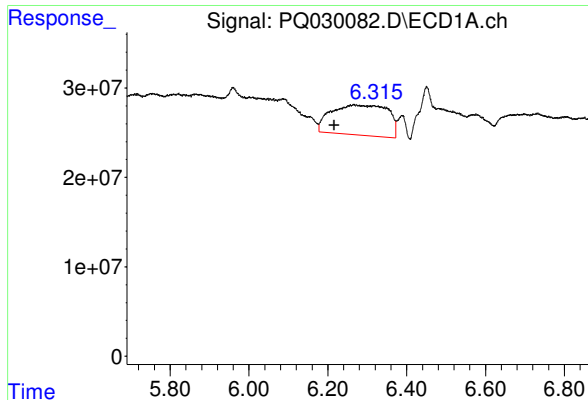
#18 AR-1242-3

R.T.: 5.714 min
Delta R.T.: 0.028 min
Response: 86906085
Conc: 56.58 ng/ml



#18 AR-1242-3

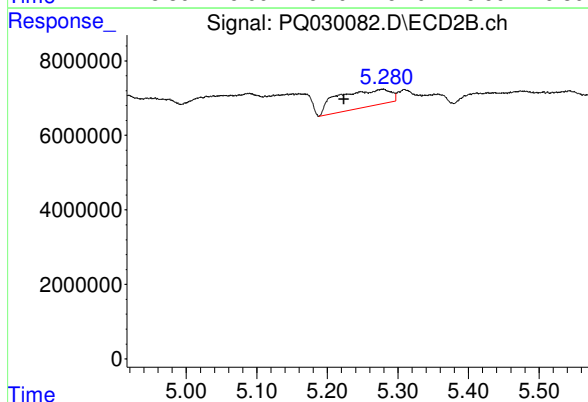
R.T.: 0.000 min
Exp R.T.: 4.972 min
Response: 0
Conc: N.D.



#20 AR-1242-5

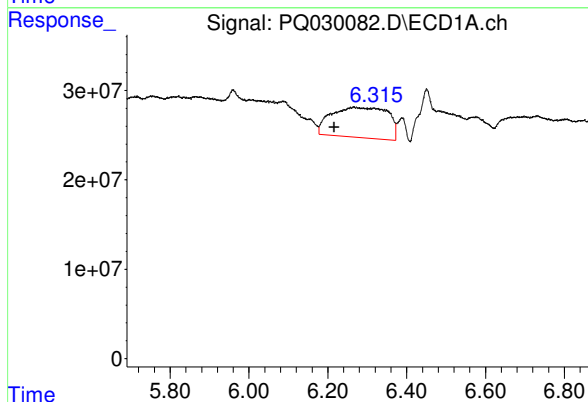
R.T.: 6.266 min
Delta R.T.: 0.049 min
Response: 336456889
Conc: 246.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



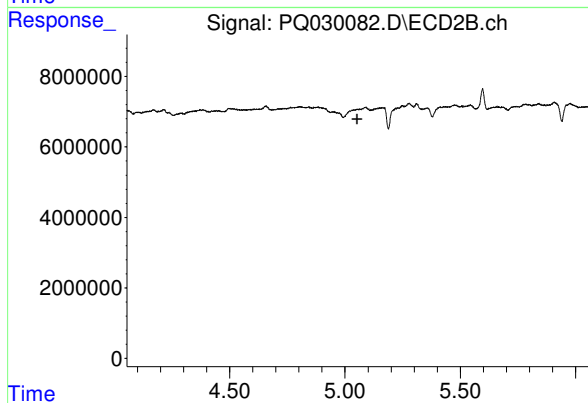
#20 AR-1242-5

R.T.: 5.279 min
Delta R.T.: 0.056 min
Response: 24194570
Conc: 81.96 ng/ml



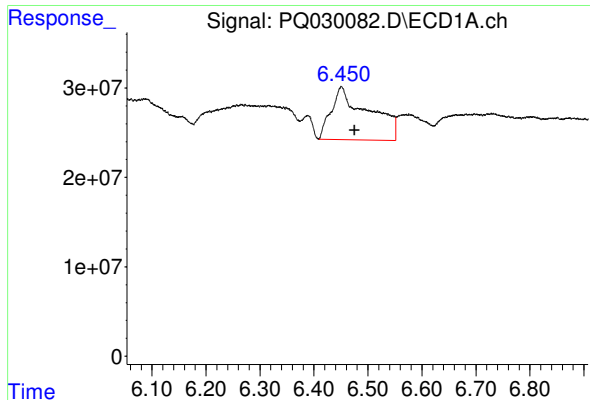
#22 AR-1248-2

R.T.: 6.266 min
Delta R.T.: 0.049 min
Response: 336456889
Conc: 214.03 ng/ml



#22 AR-1248-2

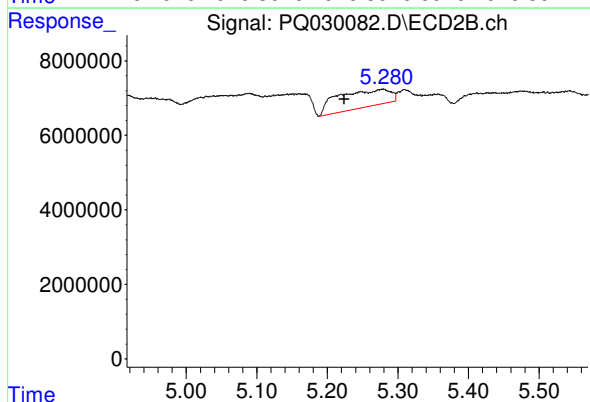
R.T.: 0.000 min
Exp R.T.: 5.053 min
Response: 0
Conc: N.D.



#23 AR-1248-3

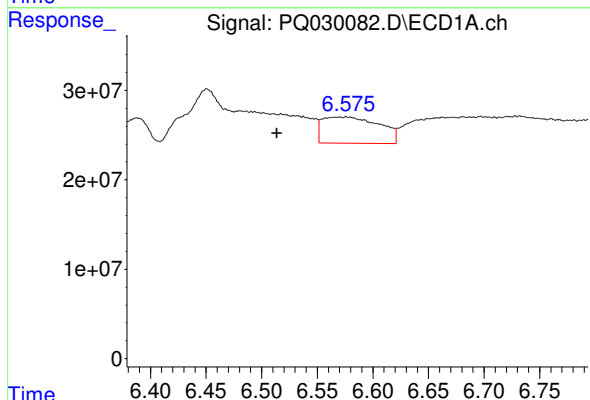
R.T.: 6.451 min
Delta R.T.: -0.024 min
Response: 283931809
Conc: 143.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



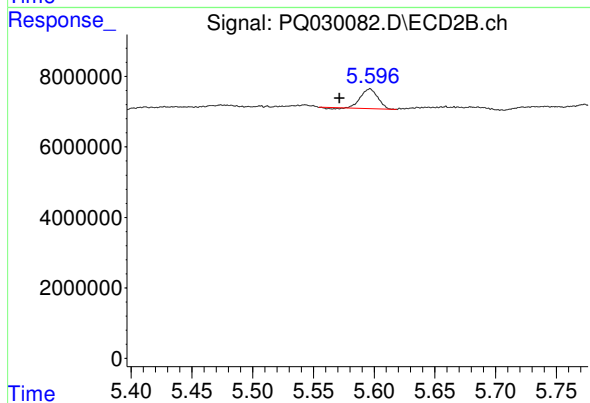
#23 AR-1248-3

R.T.: 5.279 min
Delta R.T.: 0.055 min
Response: 24194570
Conc: 55.57 ng/ml



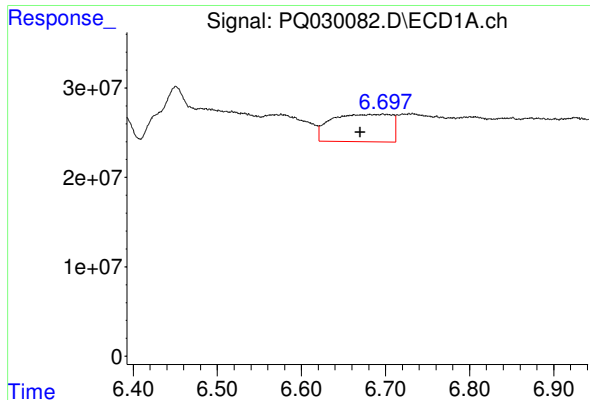
#24 AR-1248-4

R.T.: 6.575 min
Delta R.T.: 0.062 min
Response: 104631512
Conc: 51.78 ng/ml



#24 AR-1248-4

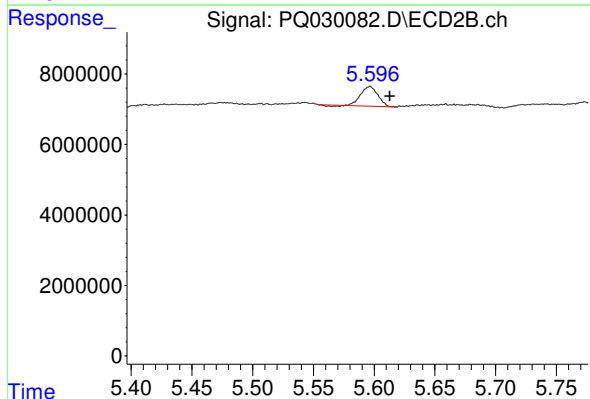
R.T.: 5.597 min
Delta R.T.: 0.025 min
Response: 5419486
Conc: 8.36 ng/ml



#25 AR-1248-5

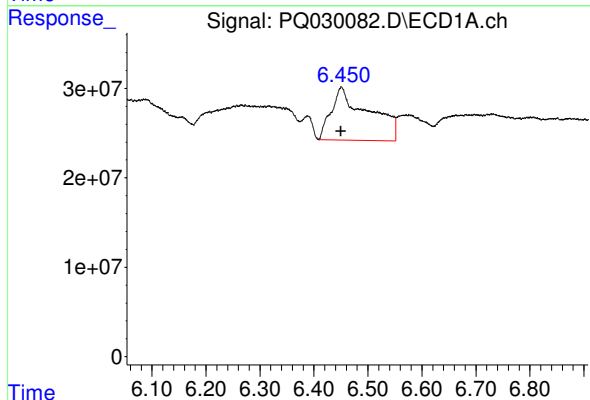
R.T.: 6.697 min
Delta R.T.: 0.028 min
Response: 153044719
Conc: 76.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



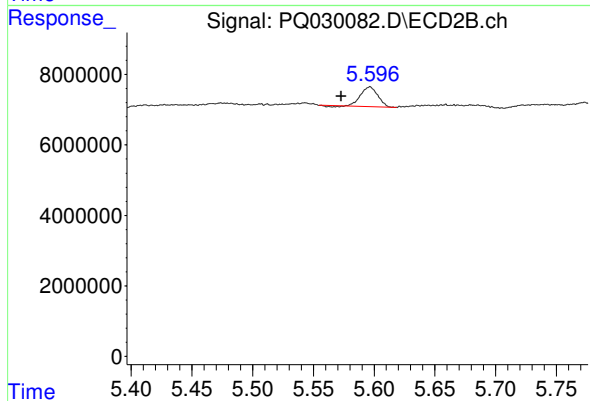
#25 AR-1248-5

R.T.: 5.597 min
Delta R.T.: -0.016 min
Response: 5419486
Conc: 12.07 ng/ml



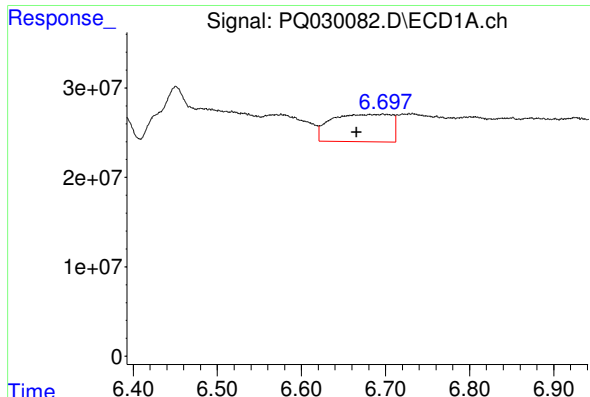
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: 0.001 min
Response: 283931809
Conc: 128.68 ng/ml



#26 AR-1254-1

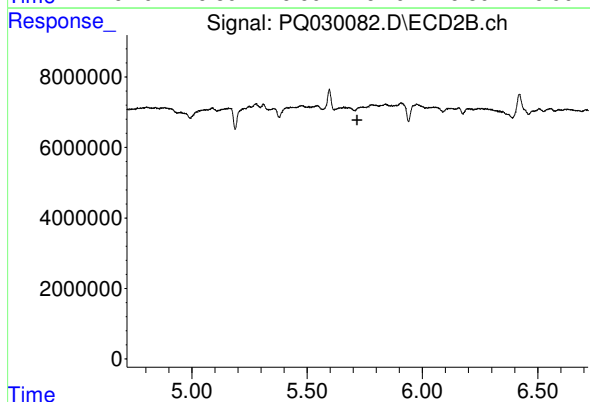
R.T.: 5.597 min
Delta R.T.: 0.024 min
Response: 5419486
Conc: 7.25 ng/ml



#27 AR-1254-2

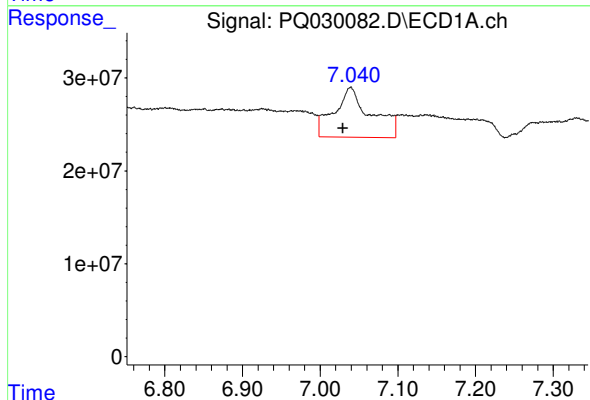
R.T.: 6.697 min
Delta R.T.: 0.032 min
Response: 153044719
Conc: 46.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



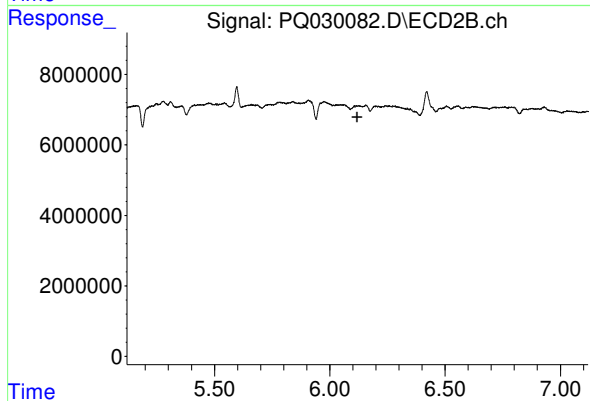
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 5.718 min
Response: 0
Conc: N.D.



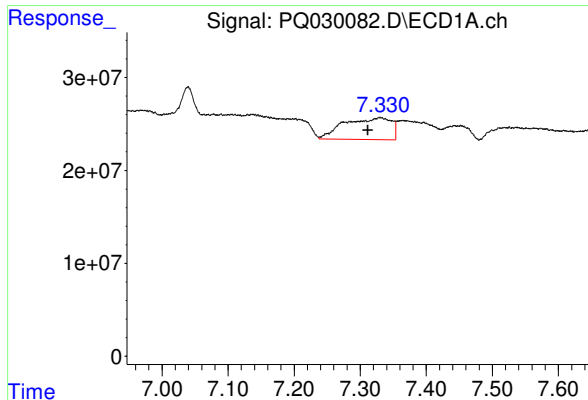
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: 0.010 min
Response: 178735904
Conc: 50.09 ng/ml



#28 AR-1254-3

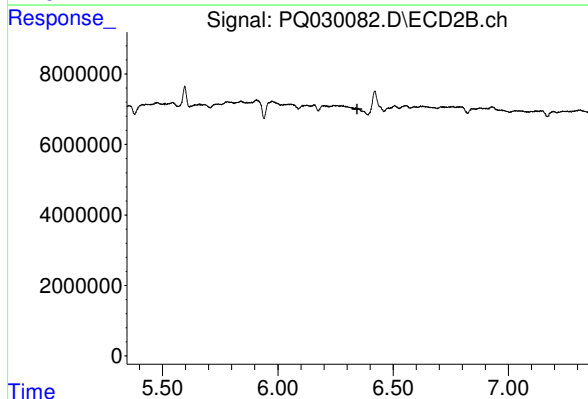
R.T.: 0.000 min
Exp R.T.: 6.120 min
Response: 0
Conc: N.D.



#29 AR-1254-4

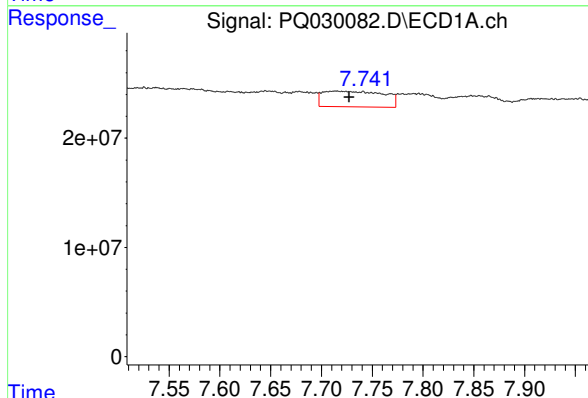
R.T.: 7.330 min
Delta R.T.: 0.019 min
Response: 117997907
Conc: 44.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



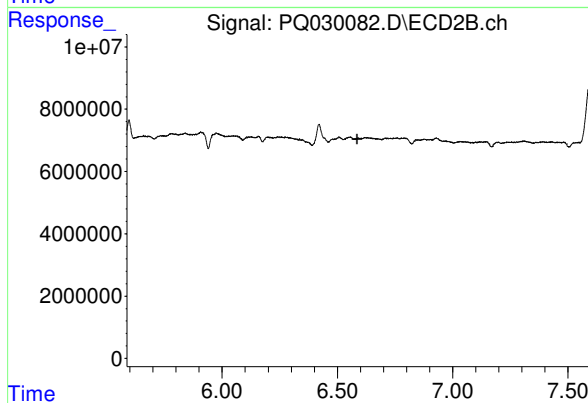
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.



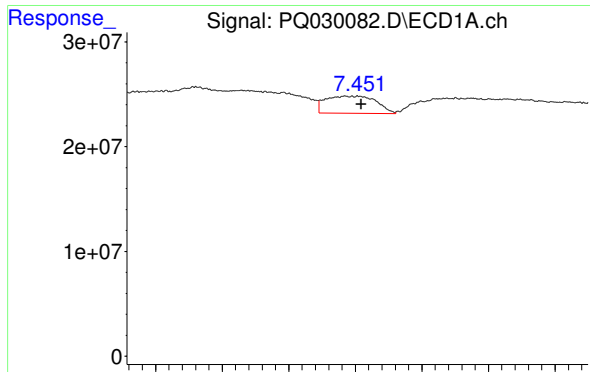
#30 AR-1254-5

R.T.: 7.714 min
Delta R.T.: -0.013 min
Response: 59739553
Conc: 18.94 ng/ml



#30 AR-1254-5

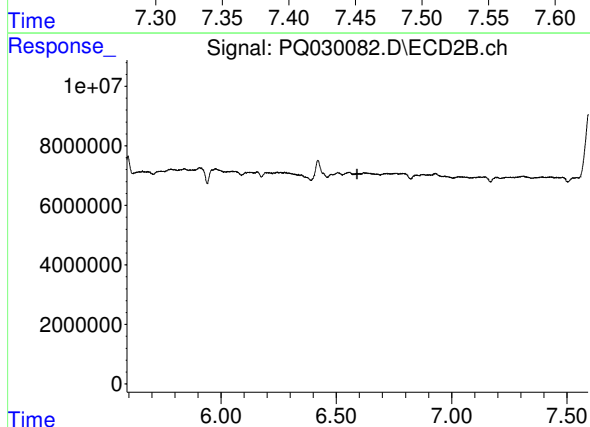
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.



#32 AR-1260-2

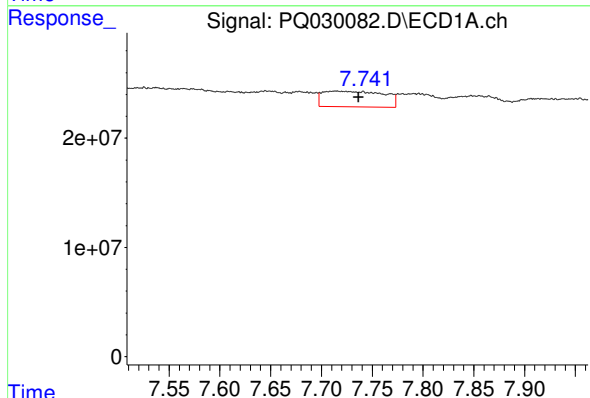
R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 43726525
Conc: 14.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



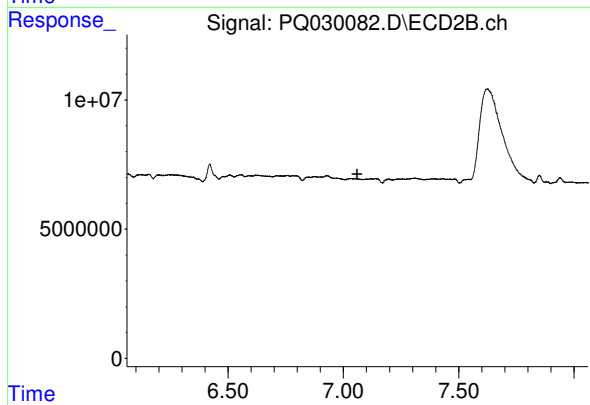
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.591 min
Response: 0
Conc: N.D.



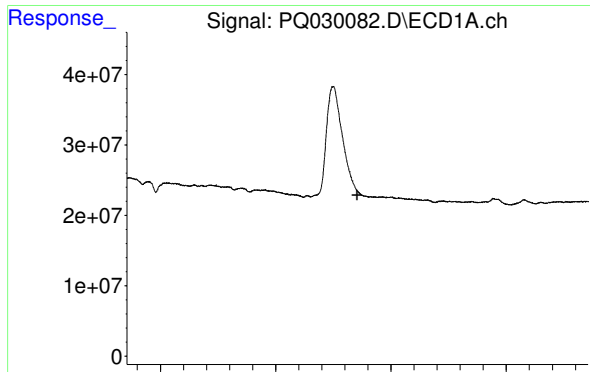
#33 AR-1260-3

R.T.: 7.714 min
Delta R.T.: -0.022 min
Response: 59739553
Conc: 15.61 ng/ml



#33 AR-1260-3

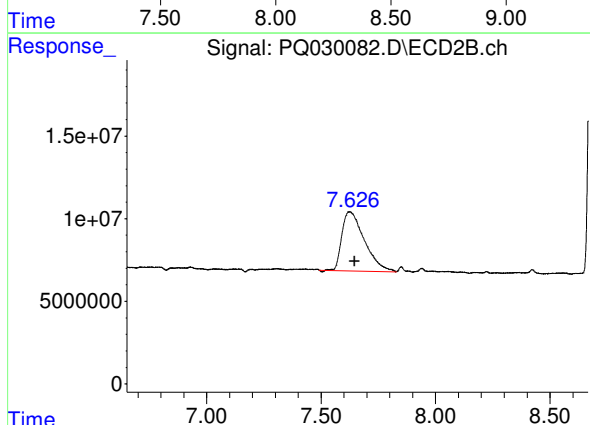
R.T.: 0.000 min
Exp R.T. : 7.061 min
Response: 0
Conc: N.D.



#35 AR-1260-5

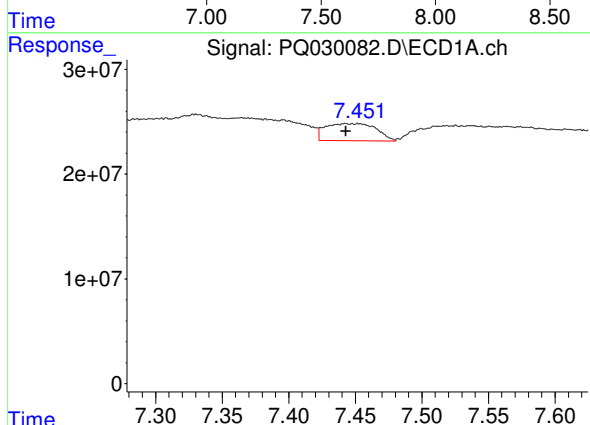
R.T.: 0.000 min
Exp R.T.: 8.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



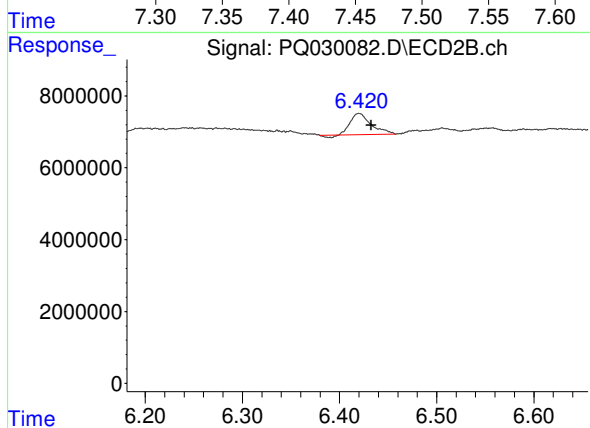
#35 AR-1260-5

R.T.: 7.626 min
Delta R.T.: -0.019 min
Response: 244906543
Conc: 190.37 ng/ml



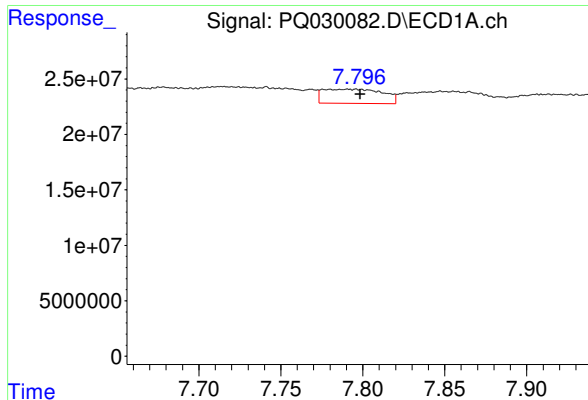
#37 AR-1262-2

R.T.: 7.451 min
Delta R.T.: 0.008 min
Response: 43726525
Conc: 18.92 ng/ml



#37 AR-1262-2

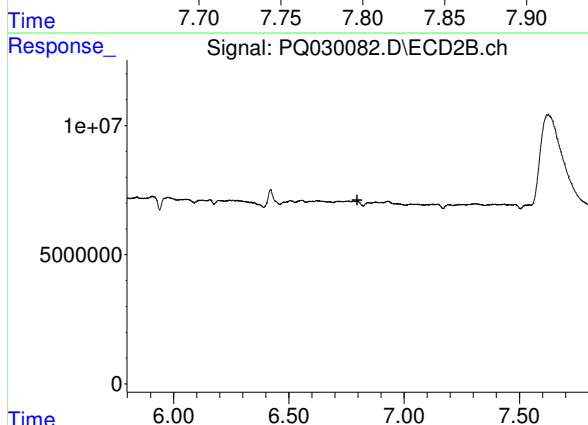
R.T.: 6.420 min
Delta R.T.: -0.013 min
Response: 8693415
Conc: 12.15 ng/ml



#38 AR-1262-3

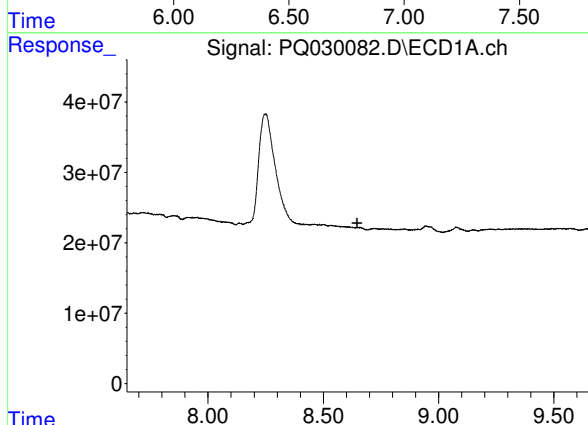
R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 32429417
Conc: 10.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



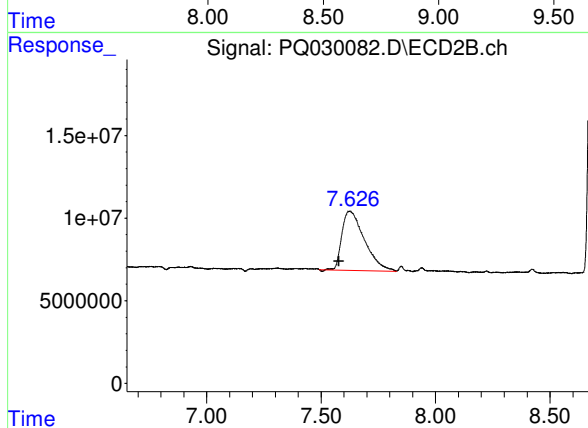
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 6.797 min
Response: 0
Conc: N.D.



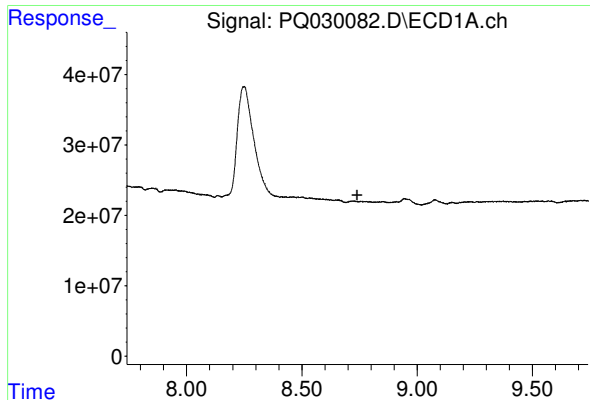
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.648 min
Response: 0
Conc: N.D.



#41 AR-1268-1

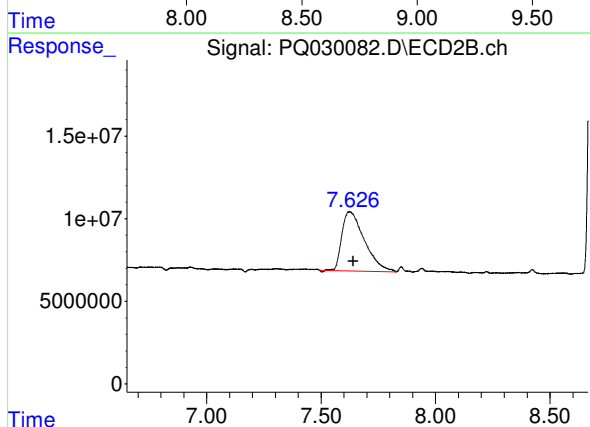
R.T.: 7.626 min
Delta R.T.: 0.049 min
Response: 244906543
Conc: 121.99 ng/ml



#42 AR-1268-2

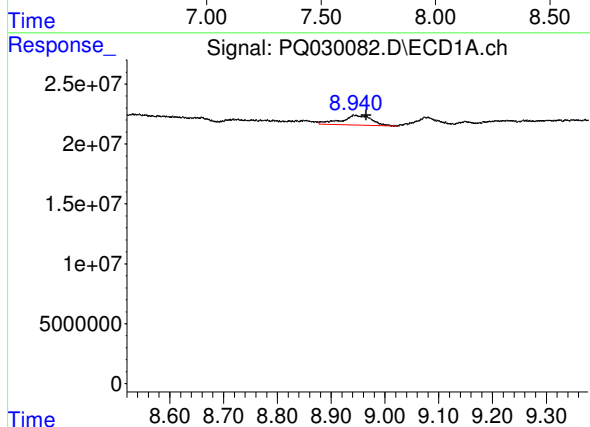
R.T.: 0.000 min
Exp R.T.: 8.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



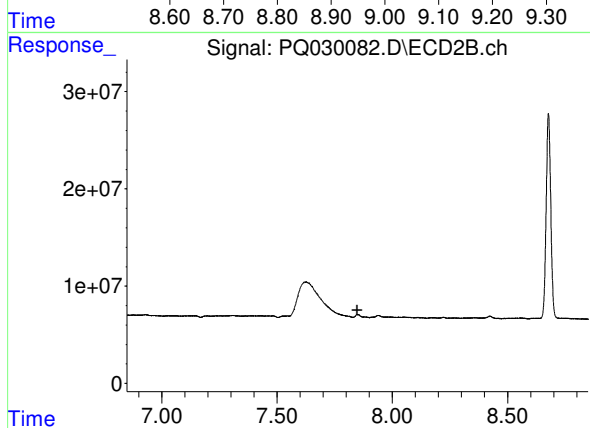
#42 AR-1268-2

R.T.: 7.626 min
Delta R.T.: -0.014 min
Response: 244906543
Conc: 126.10 ng/ml



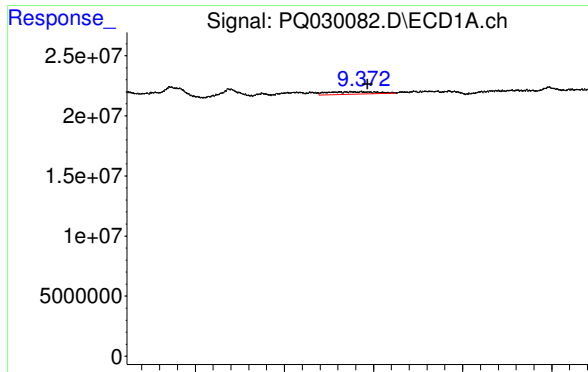
#43 AR-1268-3

R.T.: 8.944 min
Delta R.T.: -0.021 min
Response: 31946340
Conc: 8.11 ng/ml



#43 AR-1268-3

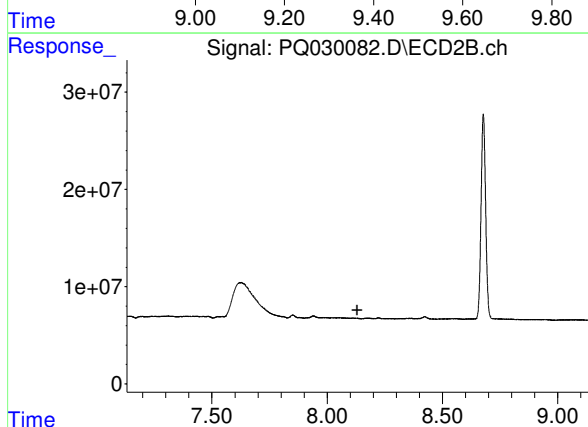
R.T.: 0.000 min
Exp R.T.: 7.848 min
Response: 0
Conc: N.D.



#44 AR-1268-4

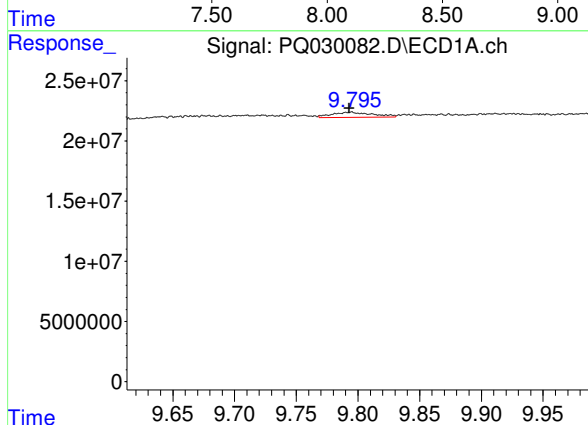
R.T.: 9.353 min
Delta R.T.: -0.034 min
Response: 14239880
Conc: 7.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



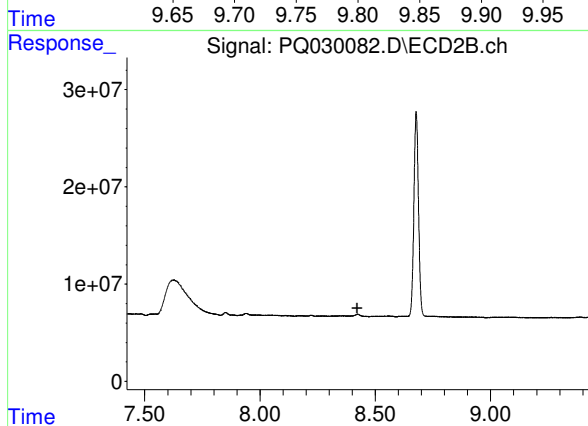
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.131 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 9773009
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.422 min
Response: 0
Conc: N.D.