

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062818\
 Data File : PQ030194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2018 14:58
 Operator : UA/SM
 Sample : J3590-01RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:06:50 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 03:57:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.442	3.698	1229.5E6	380.0E6	28.063	29.239
2) SA Decachlor...	10.137	8.681	1743.0E6	958.7E6	56.057	58.789
Target Compounds						
3) L1 AR-1016-1	4.749	4.040	9468937	14645	13.372	0.066 #
4) L1 AR-1016-2	5.326	4.566	74477605	2615430	77.000	7.565 #
5) L1 AR-1016-3	5.635	4.849	30337472	5200222	23.817	10.481 #
6) L1 AR-1016-4	5.766	4.967	42341807	6185268	38.975	17.098 #
7) L1 AR-1016-5	5.889	5.030	28597121	1414991	31.562	4.990 #
8) L2 AR-1221-1	0.000	3.850	0	1830561	N.D.	9.204 #
9) L2 AR-1221-2	4.749	3.998	9468937	4421969	24.362	33.641 #
10) L2 AR-1221-3	4.749	4.040	9468937	14645	6.885	0.033 #
11) L3 AR-1232-1	4.749	4.040	9468937	14645	9.218	0.044 #
12) L3 AR-1232-2	5.326	4.566	74477605	2615430	154.050	13.333 #
13) L3 AR-1232-3	6.177	5.416	98381657	12936558	155.417	64.043 #
14) L3 AR-1232-4	6.469	5.584	162.8E6	70877143	279.194	293.503
15) L3 AR-1232-5	6.493	5.620	138.2E6	18935709	231.435	86.454 #
16) L4 AR-1242-1	0.000	4.336	0	583630	N.D.	1.723 #
17) L4 AR-1242-2	5.635	4.806	30337472	5406159	14.714	7.863 #
18) L4 AR-1242-3	6.092	5.037	18939647	635005	17.949	1.797 #
19) L4 AR-1242-4	6.469	5.545	162.8E6	55495661	188.738	224.294
20) L4 AR-1242-5	6.493	5.841	138.2E6	288.1E6	116.174	1058.739 #
21) L5 AR-1248-1	6.092	5.256	18939647	1981006	10.712	3.041 #
22) L5 AR-1248-2	6.177	5.545	98381657	55495661	63.002	141.443 #
23) L5 AR-1248-3	6.469	5.620	162.8E6	18935709	80.185	27.676 #
24) L5 AR-1248-4	6.493	6.028	138.2E6	19647864	71.193	68.560
25) L5 AR-1248-5	6.676	6.094	247.6E6	26165033	123.296	156.876 #
26) L6 AR-1254-1	6.469	5.584	162.8E6	70877143	83.935	72.978
27) L6 AR-1254-2	6.676	5.744	247.6E6	69480361	82.745	81.493
28) L6 AR-1254-3	7.049	6.139	96198335	51435092	29.521	35.540
29) L6 AR-1254-4	7.297	6.372	89383320	22782791	37.294	23.876 #
30) L6 AR-1254-5	7.580	6.667	65418071	4525590	35.304	6.711 #
31) L7 AR-1260-1	7.197	6.250	63986807	56650423	32.388	67.686 #
32) L7 AR-1260-2	7.449	6.435	208.3E6	64367158	91.737	61.940 #
33) L7 AR-1260-3	7.808	6.590	132.7E6	33921179	81.121	35.201 #
34) L7 AR-1260-4	8.350	7.297	212.8E6	126.6E6	58.209	63.467
35) L7 AR-1260-5	8.674	7.643	164.3E6	97043388	70.638	68.559
36) L8 AR-1262-1	7.092	6.139	46769363	51435092	26.267	94.131 #
37) L8 AR-1262-2	7.734	6.799	209.9E6	60184333	87.260	39.911 #
38) L8 AR-1262-3	7.808	7.581	132.7E6	33277015	37.742	29.837
39) L8 AR-1262-4	7.864	8.136	48062230	31865122	30.311	33.716
40) L8 AR-1262-5	8.731	8.426	41937977	18093217	14.069	47.819 #
41) L9 AR-1268-1	8.731	7.643	41937977	97043388	7.071	34.128 #

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 Quant Title : GC EXTRACTABLES
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 Integrator: ChemStation

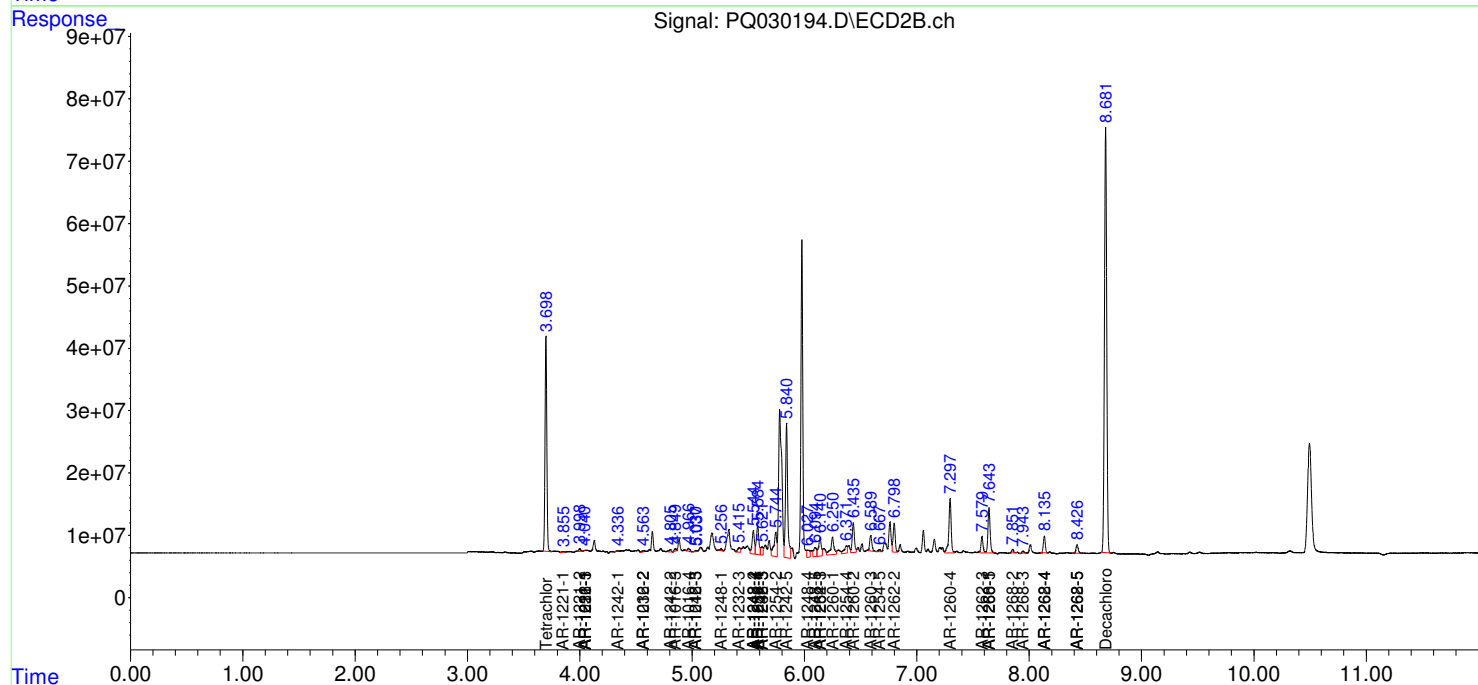
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

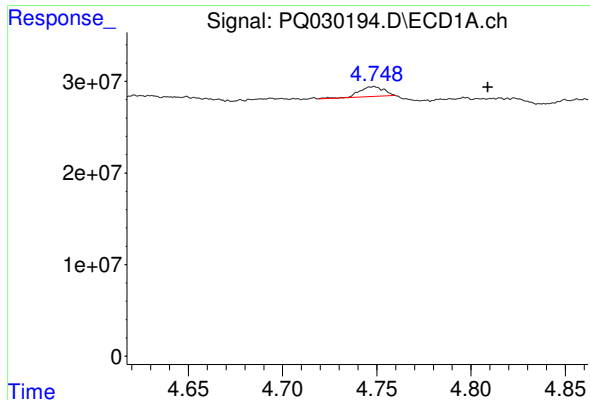
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.975	7.852	14598075	6954571	2.963	2.921
43) L9	AR-1268-3	9.130	7.943	33682269	3381621	26.134	5.450 #
44) L9	AR-1268-4	9.398	8.136	65523753	31865122	28.280	31.766
45) L9	AR-1268-5	9.805	8.426	34987685	18093217	2.262	2.354

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

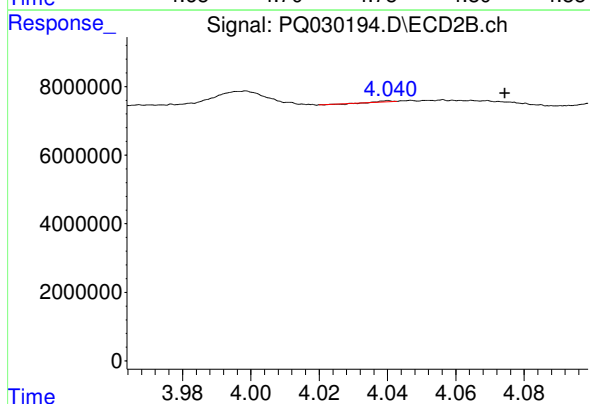




#3 AR-1016-1

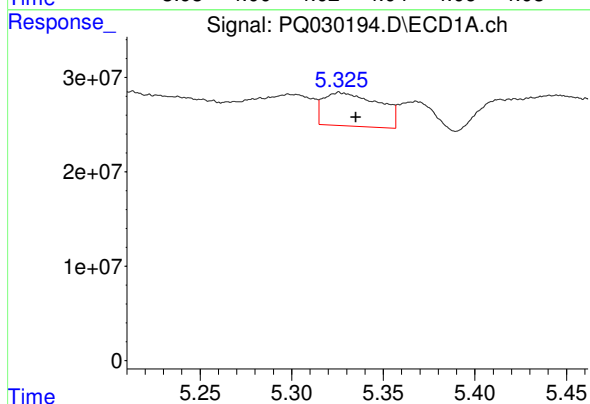
R.T.: 4.749 min
Delta R.T.: -0.060 min
Response: 9468937
Conc: 13.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



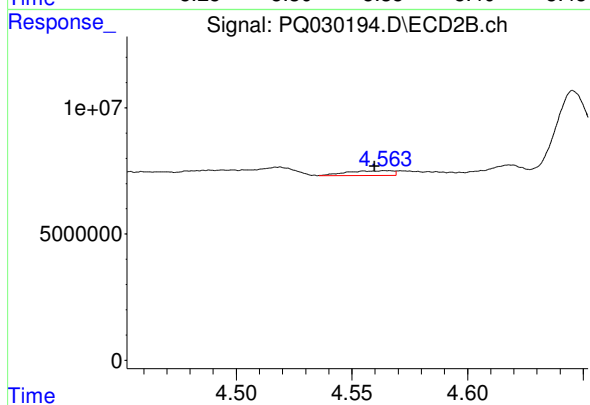
#3 AR-1016-1

R.T.: 4.040 min
Delta R.T.: -0.034 min
Response: 14645
Conc: 0.07 ng/ml



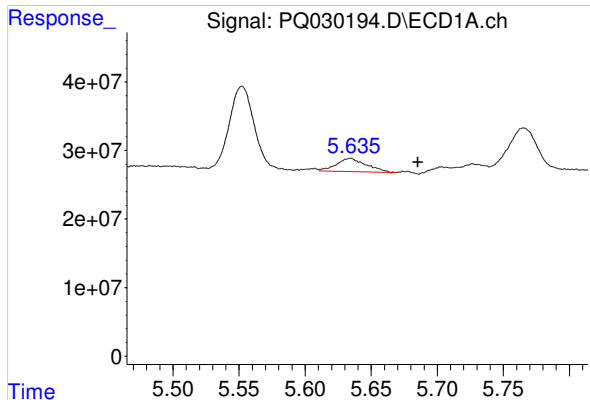
#4 AR-1016-2

R.T.: 5.326 min
Delta R.T.: -0.009 min
Response: 74477605
Conc: 77.00 ng/ml



#4 AR-1016-2

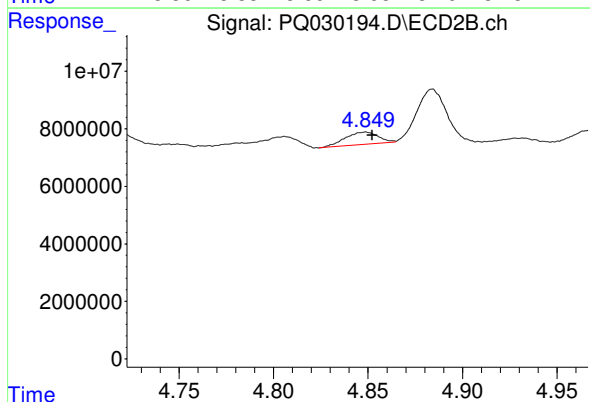
R.T.: 4.566 min
Delta R.T.: 0.007 min
Response: 2615430
Conc: 7.56 ng/ml



#5 AR-1016-3

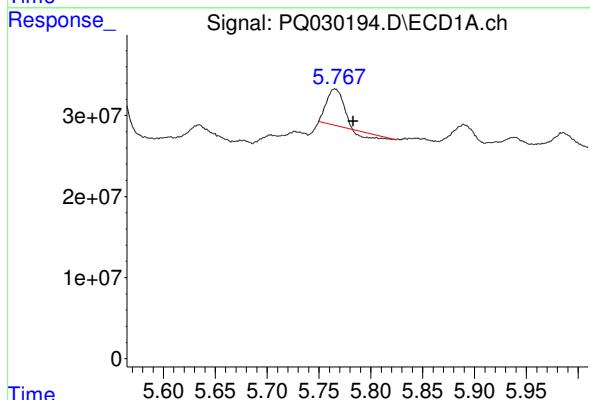
R.T.: 5.635 min
Delta R.T.: -0.050 min
Response: 30337472
Conc: 23.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



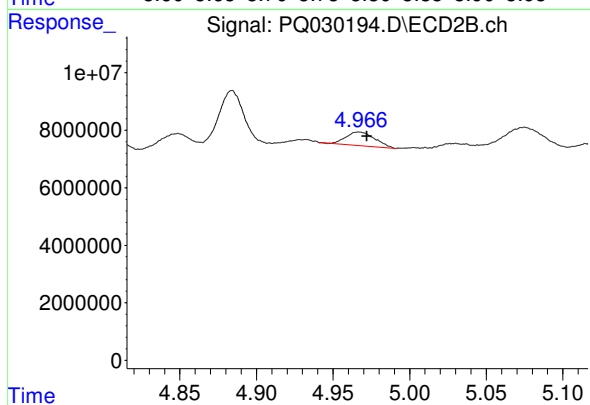
#5 AR-1016-3

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 5200222
Conc: 10.48 ng/ml



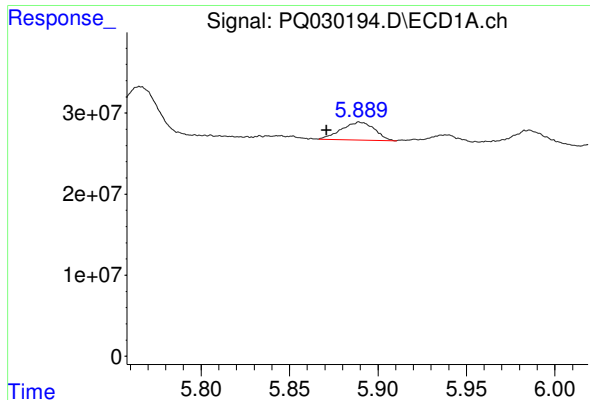
#6 AR-1016-4

R.T.: 5.766 min
Delta R.T.: -0.018 min
Response: 42341807
Conc: 38.97 ng/ml



#6 AR-1016-4

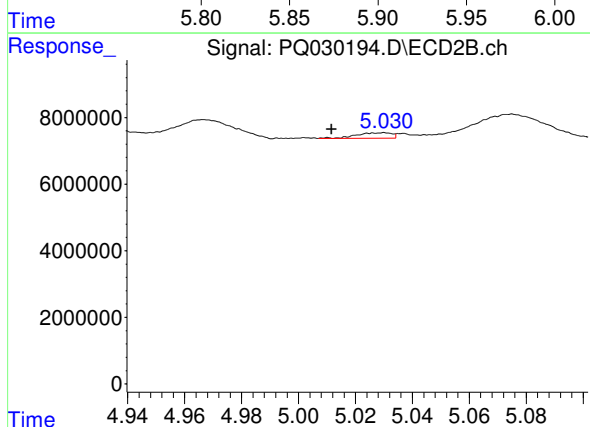
R.T.: 4.967 min
Delta R.T.: -0.005 min
Response: 6185268
Conc: 17.10 ng/ml



#7 AR-1016-5

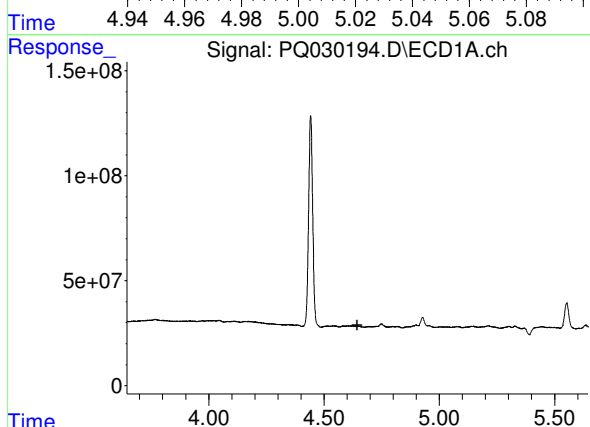
R.T.: 5.889 min
Delta R.T.: 0.018 min
Response: 28597121
Conc: 31.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



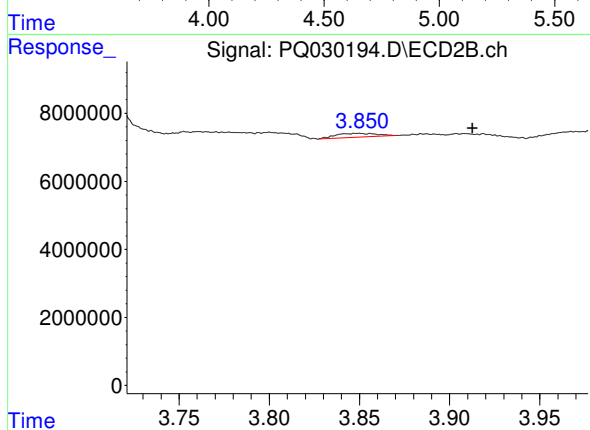
#7 AR-1016-5

R.T.: 5.030 min
Delta R.T.: 0.019 min
Response: 1414991
Conc: 4.99 ng/ml



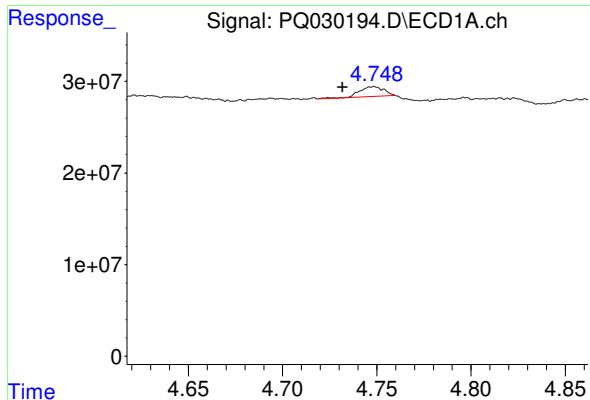
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.645 min
Response: 0
Conc: N.D.



#8 AR-1221-1

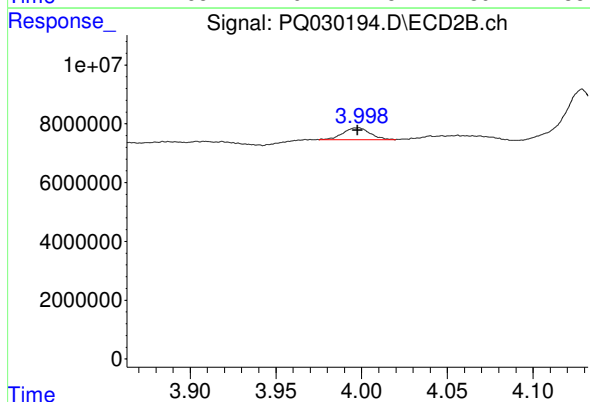
R.T.: 3.850 min
Delta R.T.: -0.063 min
Response: 1830561
Conc: 9.20 ng/ml



#9 AR-1221-2

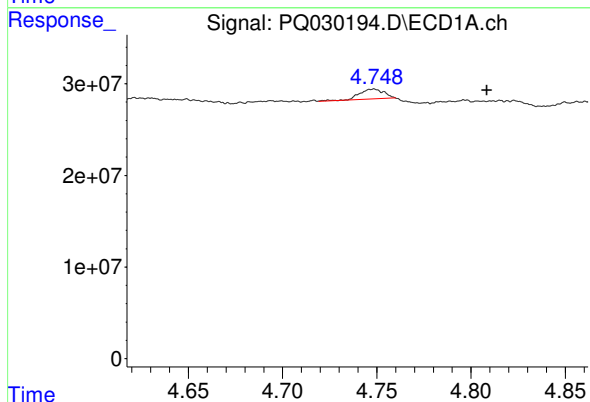
R.T.: 4.749 min
Delta R.T.: 0.017 min
Response: 9468937
Conc: 24.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



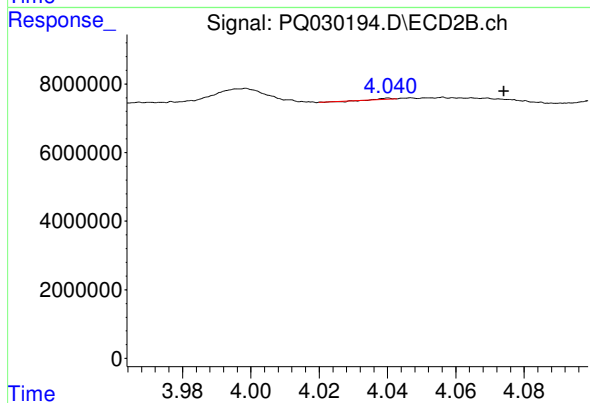
#9 AR-1221-2

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 4421969
Conc: 33.64 ng/ml



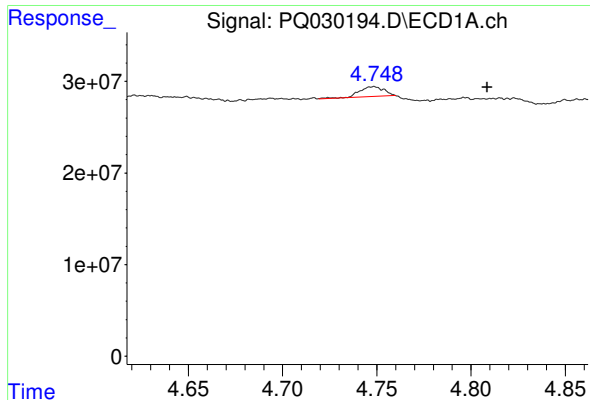
#10 AR-1221-3

R.T.: 4.749 min
Delta R.T.: -0.060 min
Response: 9468937
Conc: 6.89 ng/ml



#10 AR-1221-3

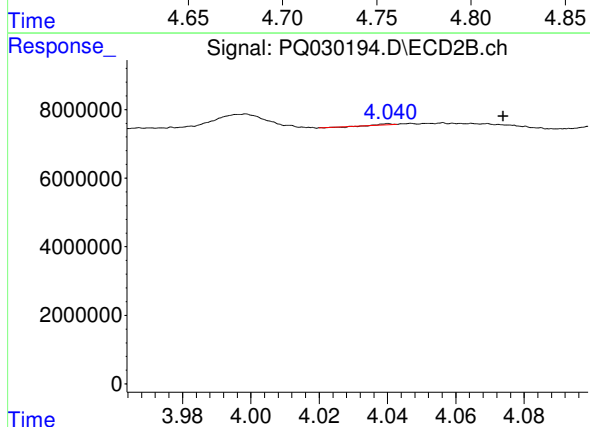
R.T.: 4.040 min
Delta R.T.: -0.034 min
Response: 14645
Conc: 0.03 ng/ml



#11 AR-1232-1

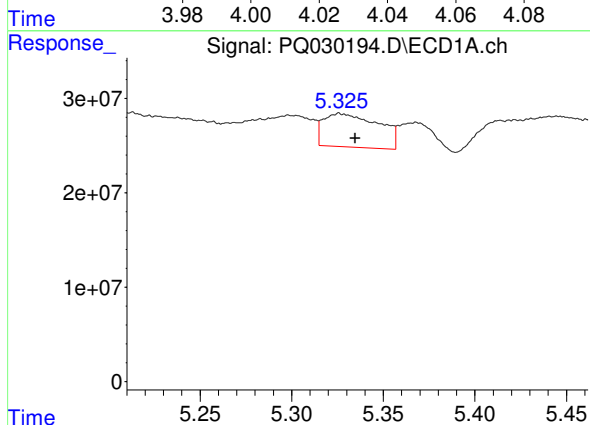
R.T.: 4.749 min
Delta R.T.: -0.060 min
Response: 9468937
Conc: 9.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



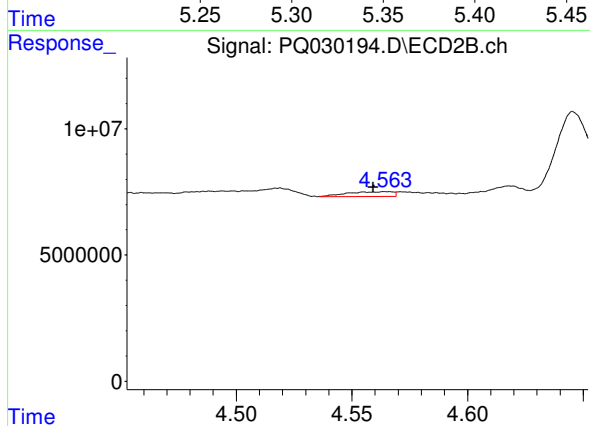
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: -0.034 min
Response: 14645
Conc: 0.04 ng/ml



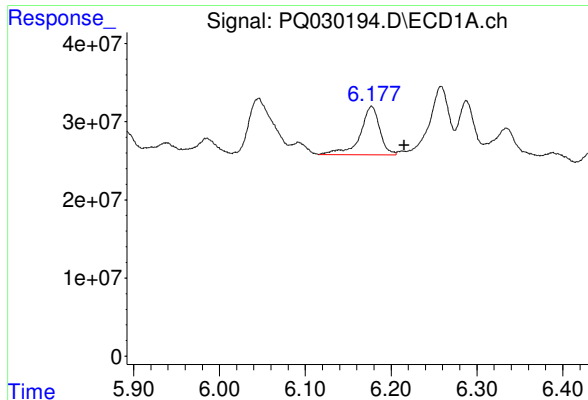
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: -0.009 min
Response: 74477605
Conc: 154.05 ng/ml



#12 AR-1232-2

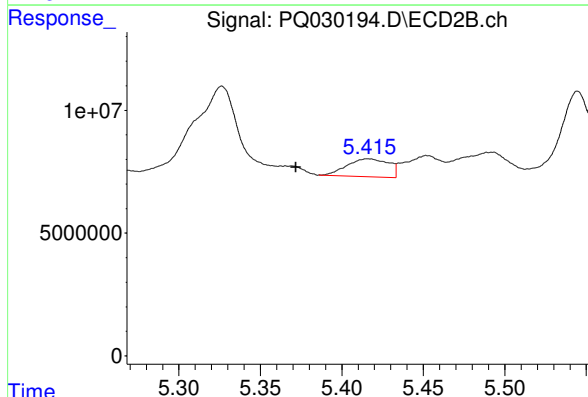
R.T.: 4.566 min
Delta R.T.: 0.007 min
Response: 2615430
Conc: 13.33 ng/ml



#13 AR-1232-3

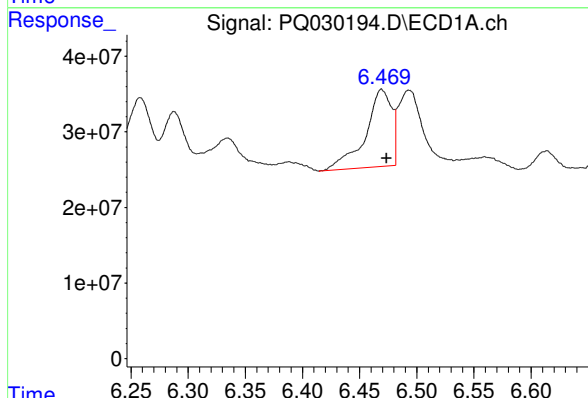
R.T.: 6.177 min
Delta R.T.: -0.038 min
Response: 98381657
Conc: 155.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



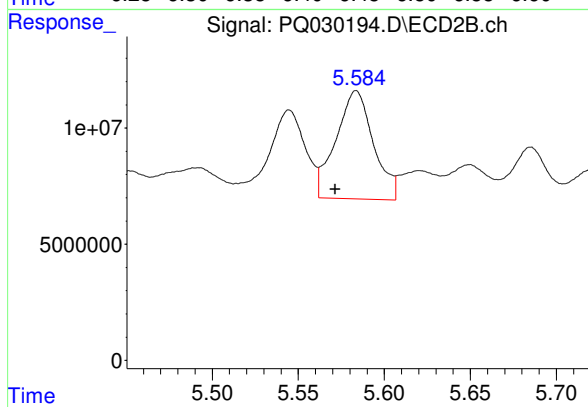
#13 AR-1232-3

R.T.: 5.416 min
Delta R.T.: 0.044 min
Response: 12936558
Conc: 64.04 ng/ml



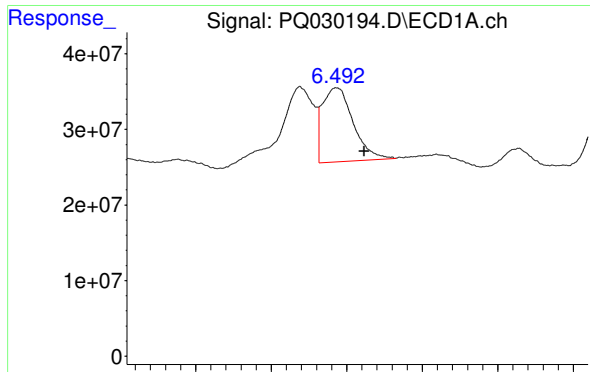
#14 AR-1232-4

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 162783765
Conc: 279.19 ng/ml



#14 AR-1232-4

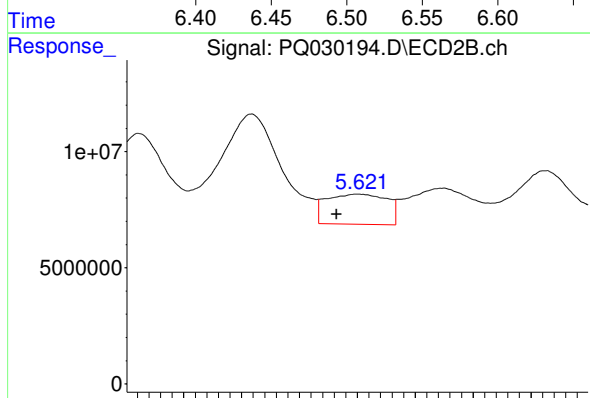
R.T.: 5.584 min
Delta R.T.: 0.012 min
Response: 70877143
Conc: 293.50 ng/ml



#15 AR-1232-5

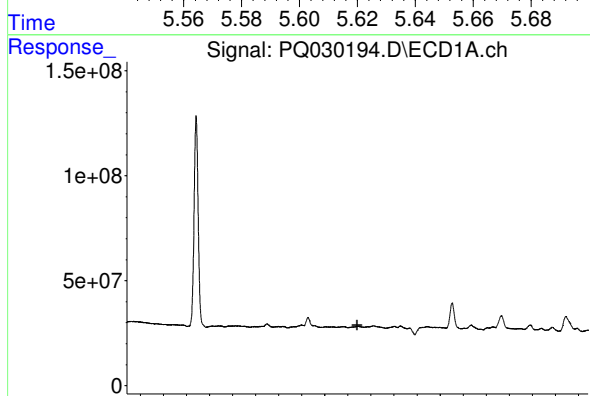
R.T.: 6.493 min
Delta R.T.: -0.018 min
Response: 138209318
Conc: 231.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



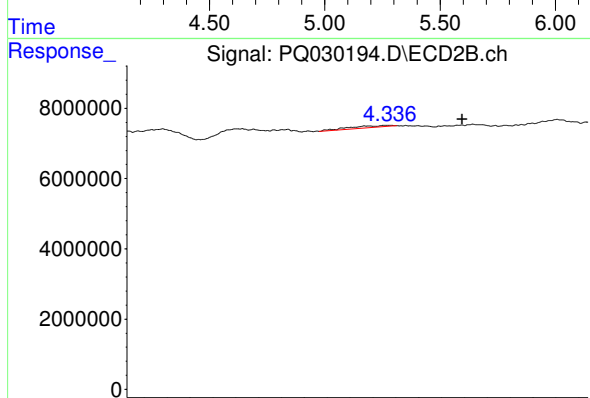
#15 AR-1232-5

R.T.: 5.620 min
Delta R.T.: 0.008 min
Response: 18935709
Conc: 86.45 ng/ml



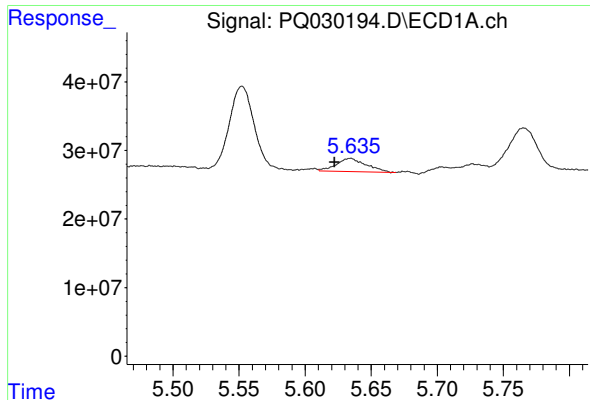
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.141 min
Response: 0
Conc: N.D.



#16 AR-1242-1

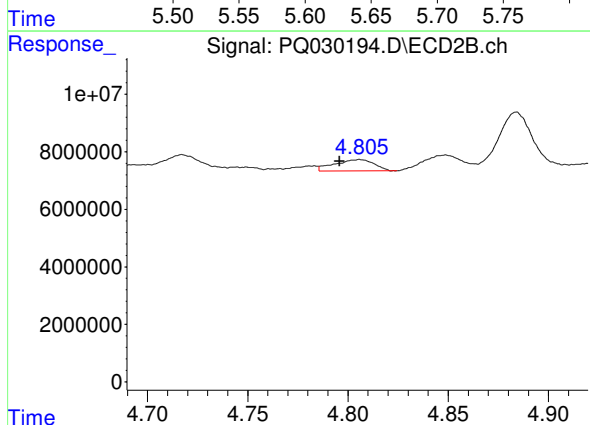
R.T.: 4.336 min
Delta R.T.: -0.033 min
Response: 583630
Conc: 1.72 ng/ml



#17 AR-1242-2

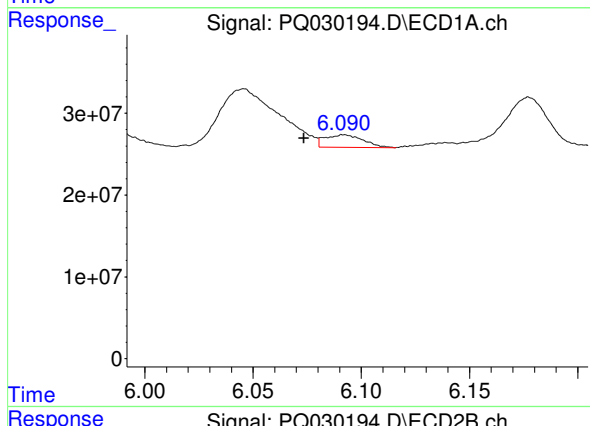
R.T.: 5.635 min
Delta R.T.: 0.012 min
Response: 30337472
Conc: 14.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



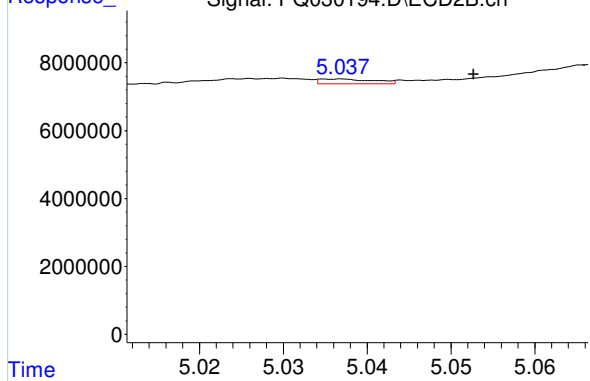
#17 AR-1242-2

R.T.: 4.806 min
Delta R.T.: 0.010 min
Response: 5406159
Conc: 7.86 ng/ml



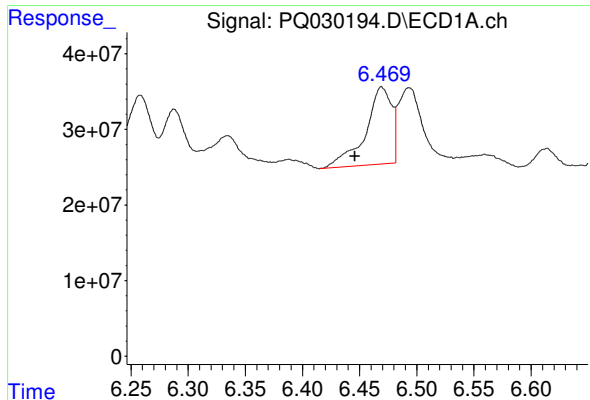
#18 AR-1242-3

R.T.: 6.092 min
Delta R.T.: 0.018 min
Response: 18939647
Conc: 17.95 ng/ml



#18 AR-1242-3

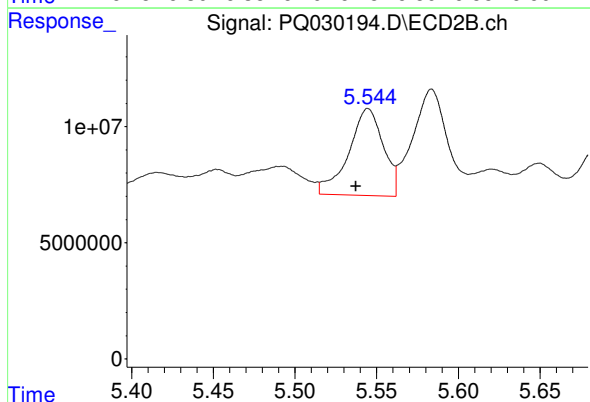
R.T.: 5.037 min
Delta R.T.: -0.016 min
Response: 635005
Conc: 1.80 ng/ml



#19 AR-1242-4

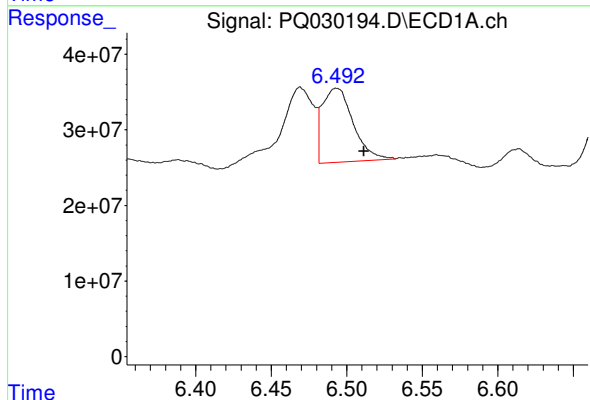
R.T.: 6.469 min
Delta R.T.: 0.023 min
Response: 162783765
Conc: 188.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



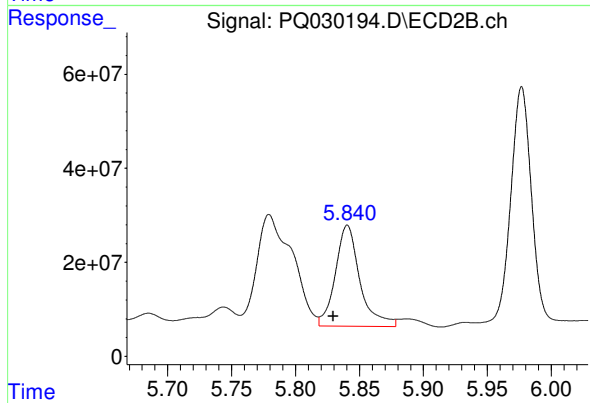
#19 AR-1242-4

R.T.: 5.545 min
Delta R.T.: 0.007 min
Response: 55495661
Conc: 224.29 ng/ml



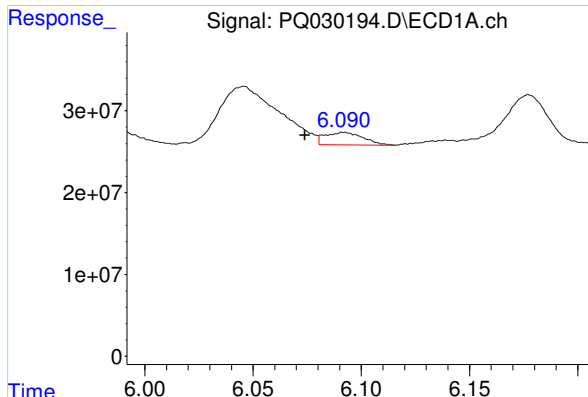
#20 AR-1242-5

R.T.: 6.493 min
Delta R.T.: -0.018 min
Response: 138209318
Conc: 116.17 ng/ml



#20 AR-1242-5

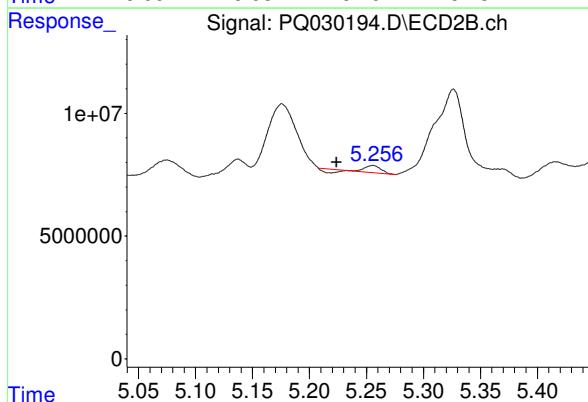
R.T.: 5.841 min
Delta R.T.: 0.011 min
Response: 288052731
Conc: 1058.74 ng/ml



#21 AR-1248-1

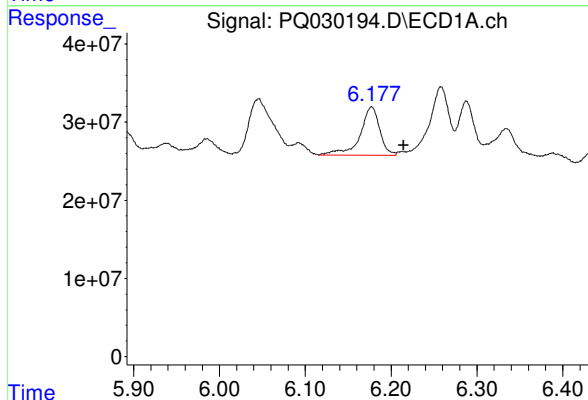
R.T.: 6.092 min
Delta R.T.: 0.018 min
Response: 18939647
Conc: 10.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



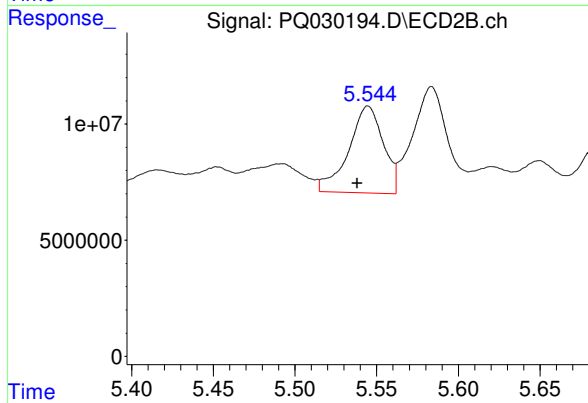
#21 AR-1248-1

R.T.: 5.256 min
Delta R.T.: 0.032 min
Response: 1981006
Conc: 3.04 ng/ml



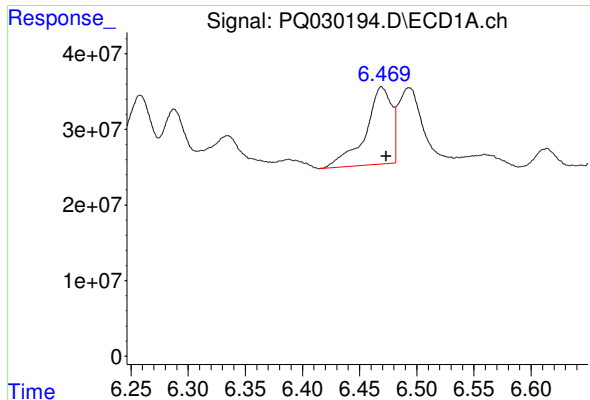
#22 AR-1248-2

R.T.: 6.177 min
Delta R.T.: -0.037 min
Response: 98381657
Conc: 63.00 ng/ml



#22 AR-1248-2

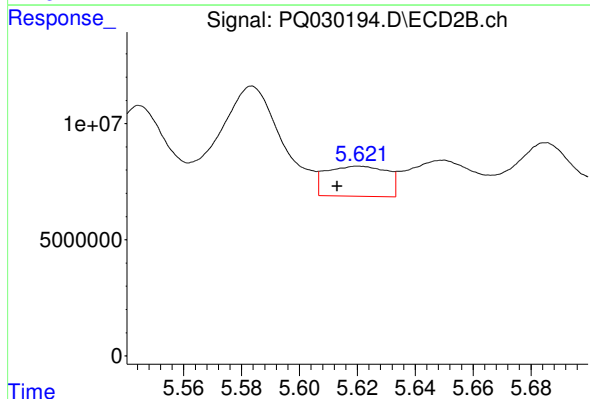
R.T.: 5.545 min
Delta R.T.: 0.006 min
Response: 55495661
Conc: 141.44 ng/ml



#23 AR-1248-3

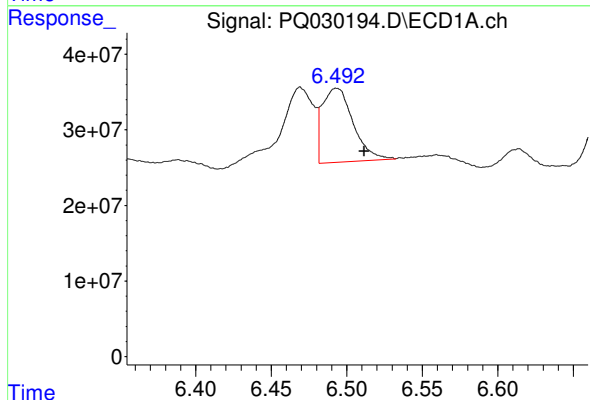
R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 162783765
Conc: 80.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



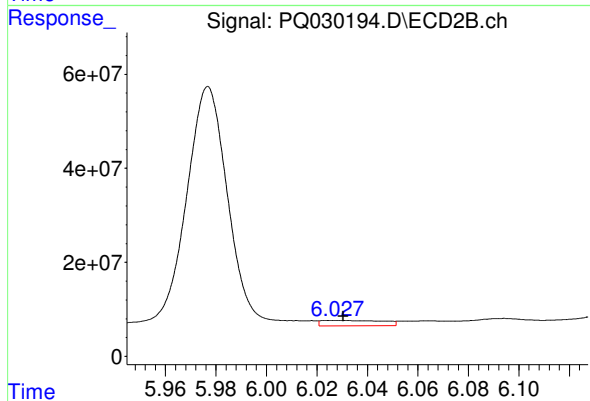
#23 AR-1248-3

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 18935709
Conc: 27.68 ng/ml



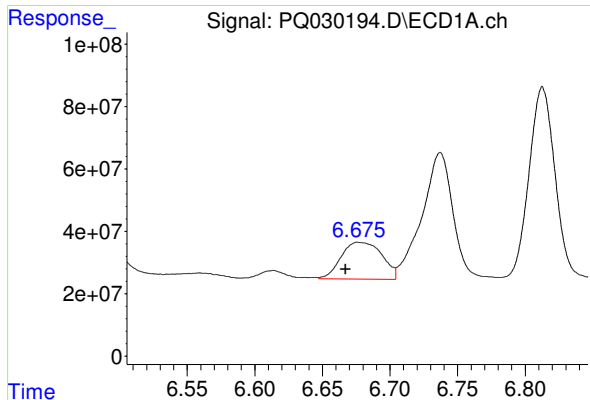
#24 AR-1248-4

R.T.: 6.493 min
Delta R.T.: -0.018 min
Response: 138209318
Conc: 71.19 ng/ml



#24 AR-1248-4

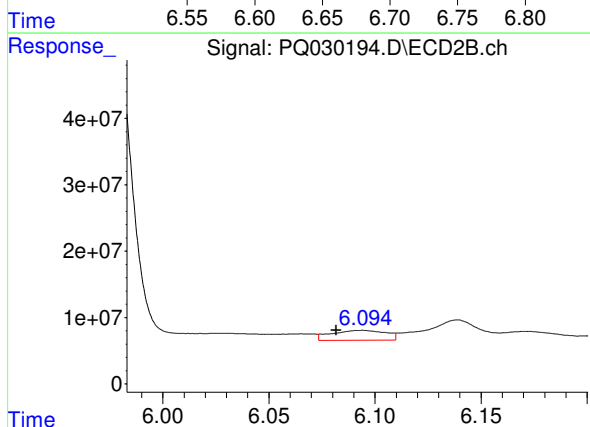
R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 19647864
Conc: 68.56 ng/ml



#25 AR-1248-5

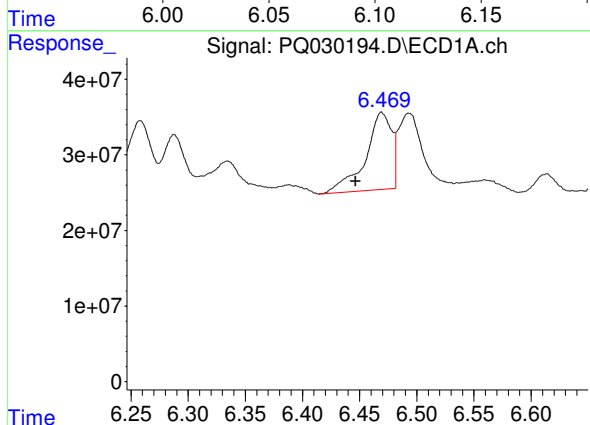
R.T.: 6.676 min
Delta R.T.: 0.009 min
Response: 247596061
Conc: 123.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



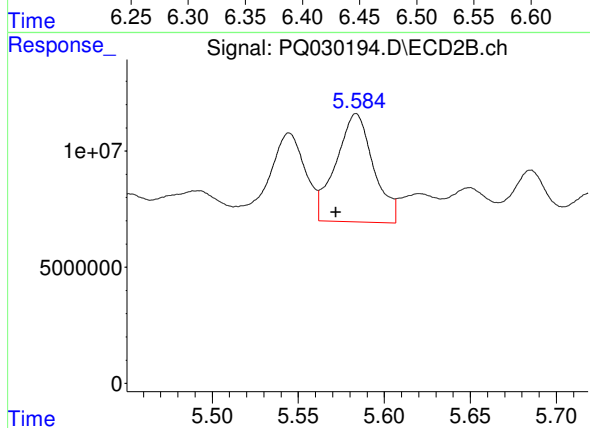
#25 AR-1248-5

R.T.: 6.094 min
Delta R.T.: 0.012 min
Response: 26165033
Conc: 156.88 ng/ml



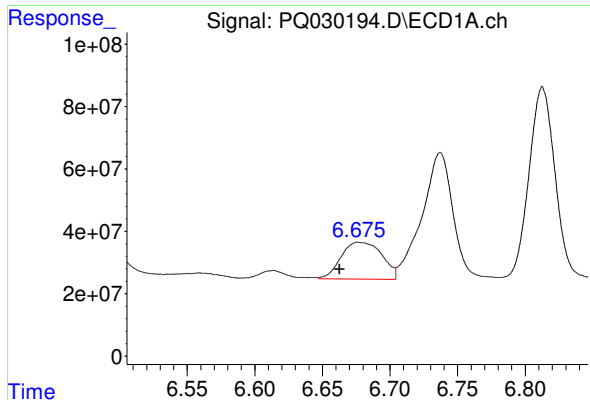
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.023 min
Response: 162783765
Conc: 83.94 ng/ml



#26 AR-1254-1

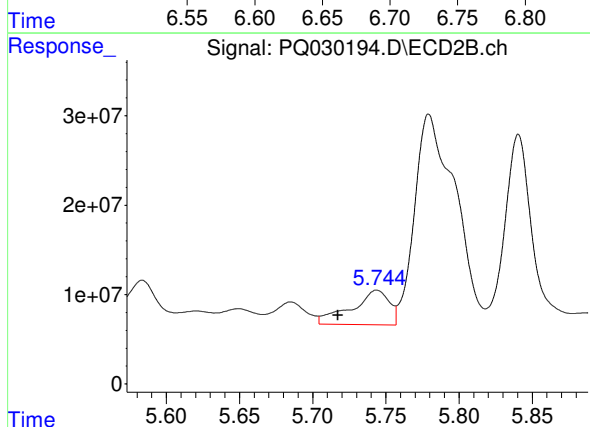
R.T.: 5.584 min
Delta R.T.: 0.012 min
Response: 70877143
Conc: 72.98 ng/ml



#27 AR-1254-2

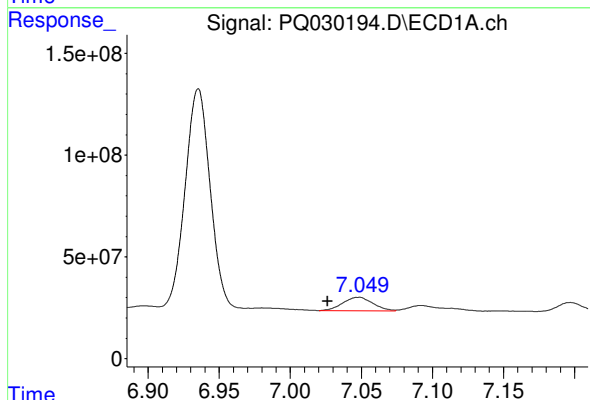
R.T.: 6.676 min
Delta R.T.: 0.013 min
Response: 247596061
Conc: 82.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



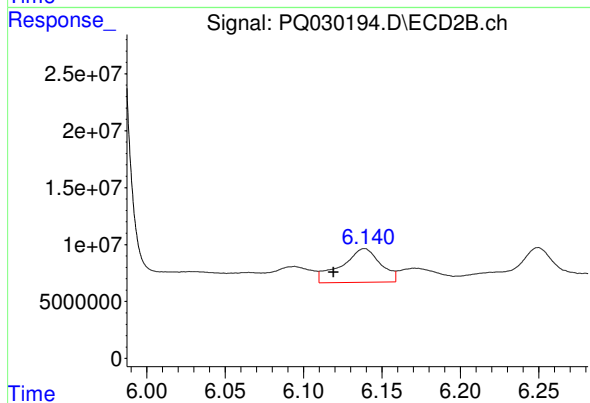
#27 AR-1254-2

R.T.: 5.744 min
Delta R.T.: 0.027 min
Response: 69480361
Conc: 81.49 ng/ml



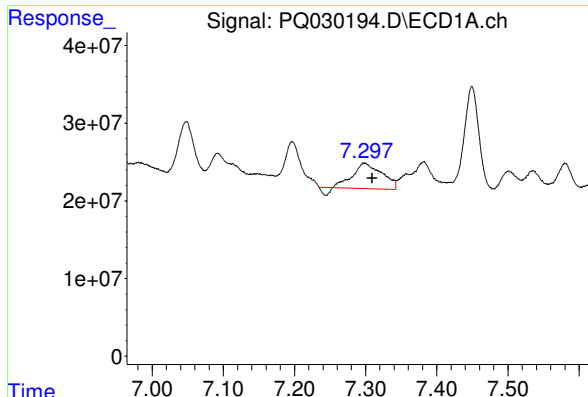
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: 0.023 min
Response: 96198335
Conc: 29.52 ng/ml



#28 AR-1254-3

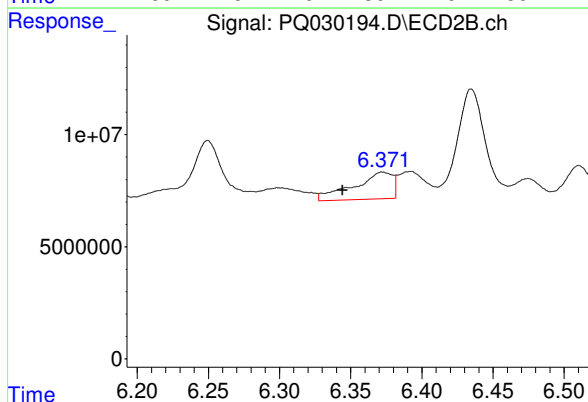
R.T.: 6.139 min
Delta R.T.: 0.020 min
Response: 51435092
Conc: 35.54 ng/ml



#29 AR-1254-4

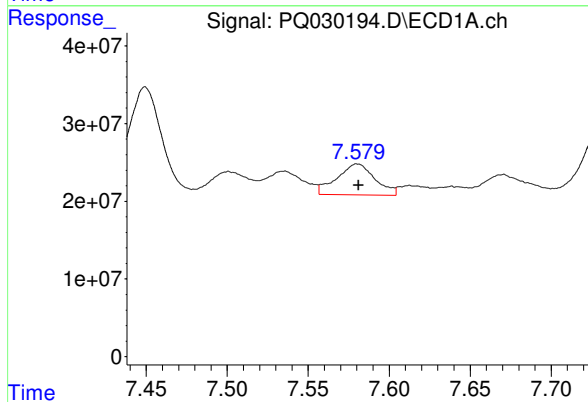
R.T.: 7.297 min
Delta R.T.: -0.012 min
Response: 89383320
Conc: 37.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



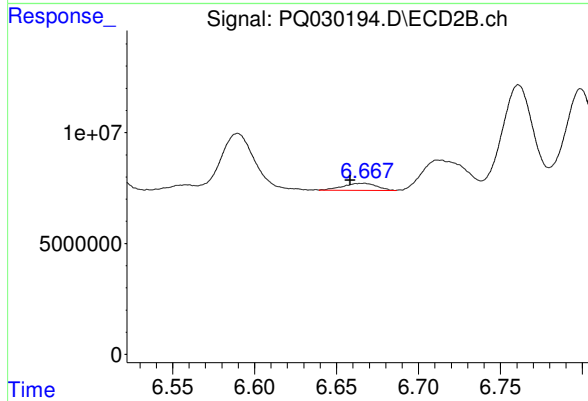
#29 AR-1254-4

R.T.: 6.372 min
Delta R.T.: 0.028 min
Response: 22782791
Conc: 23.88 ng/ml



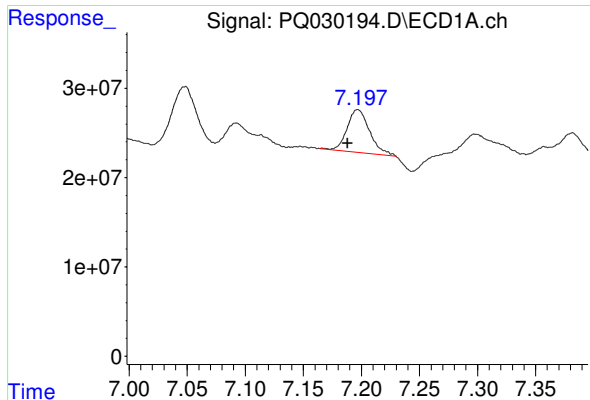
#30 AR-1254-5

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 65418071
Conc: 35.30 ng/ml



#30 AR-1254-5

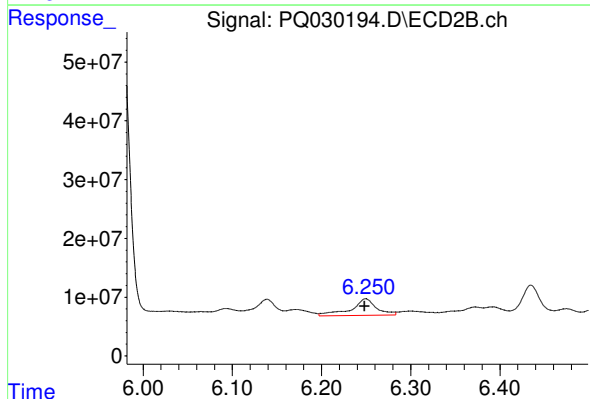
R.T.: 6.667 min
Delta R.T.: 0.008 min
Response: 4525590
Conc: 6.71 ng/ml



#31 AR-1260-1

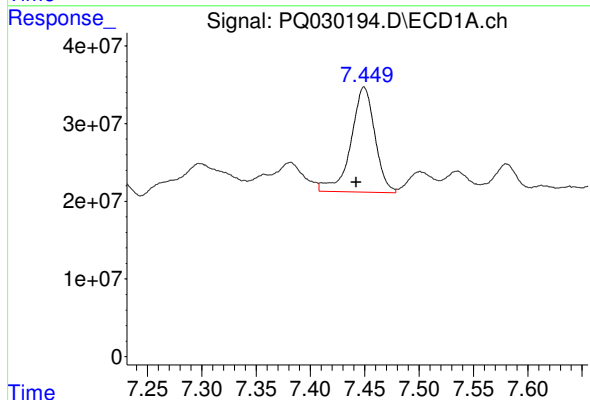
R.T.: 7.197 min
Delta R.T.: 0.009 min
Response: 63986807
Conc: 32.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



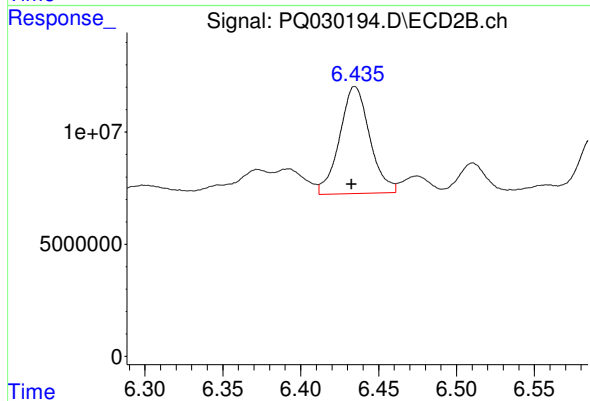
#31 AR-1260-1

R.T.: 6.250 min
Delta R.T.: 0.001 min
Response: 56650423
Conc: 67.69 ng/ml



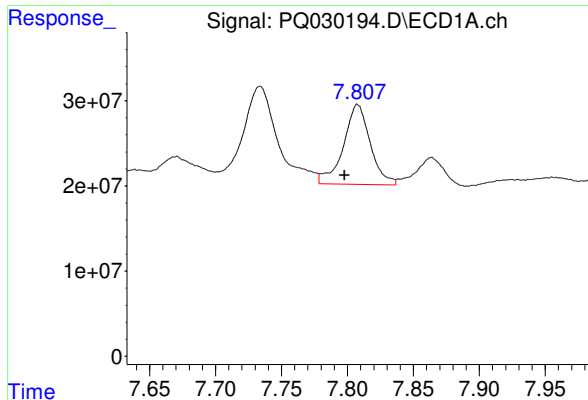
#32 AR-1260-2

R.T.: 7.449 min
Delta R.T.: 0.007 min
Response: 208264540
Conc: 91.74 ng/ml



#32 AR-1260-2

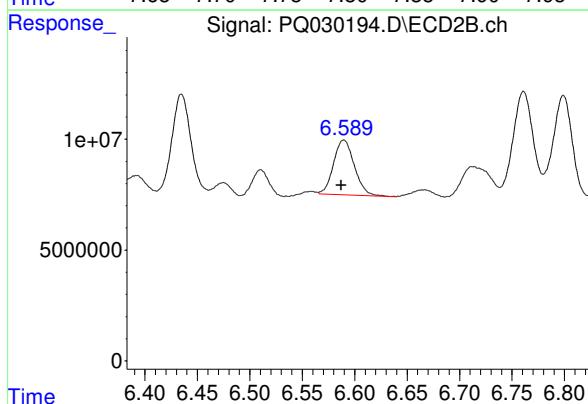
R.T.: 6.435 min
Delta R.T.: 0.002 min
Response: 64367158
Conc: 61.94 ng/ml



#33 AR-1260-3

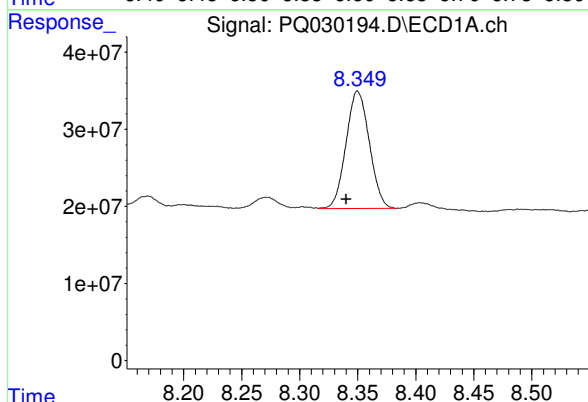
R.T.: 7.808 min
Delta R.T.: 0.010 min
Response: 132701309
Conc: 81.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



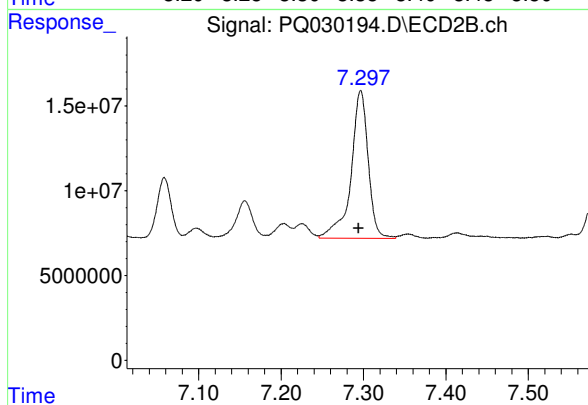
#33 AR-1260-3

R.T.: 6.590 min
Delta R.T.: 0.003 min
Response: 33921179
Conc: 35.20 ng/ml



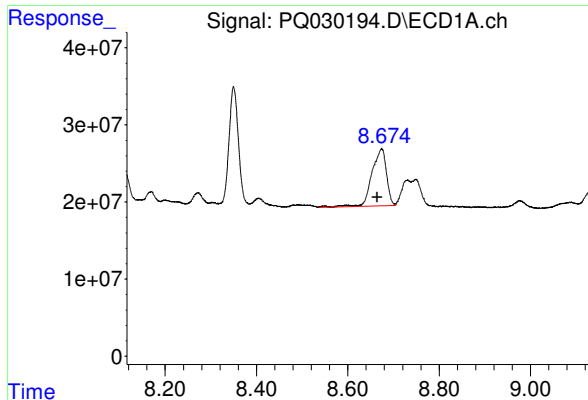
#34 AR-1260-4

R.T.: 8.350 min
Delta R.T.: 0.010 min
Response: 212843729
Conc: 58.21 ng/ml



#34 AR-1260-4

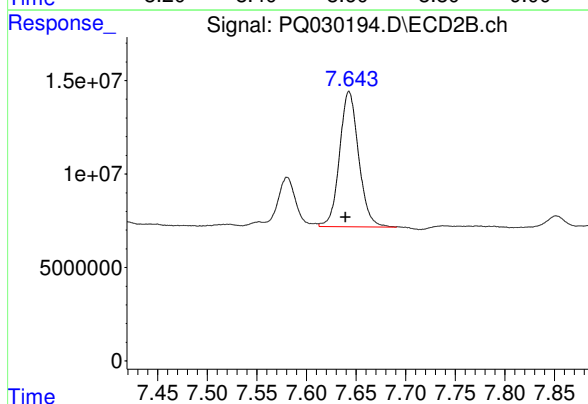
R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 126604149
Conc: 63.47 ng/ml



#35 AR-1260-5

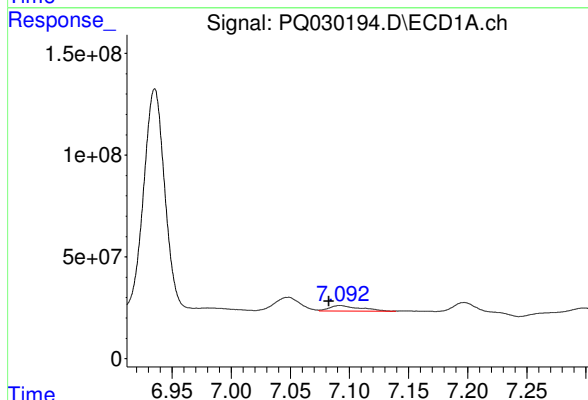
R.T.: 8.674 min
Delta R.T.: 0.009 min
Response: 164340111
Conc: 70.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



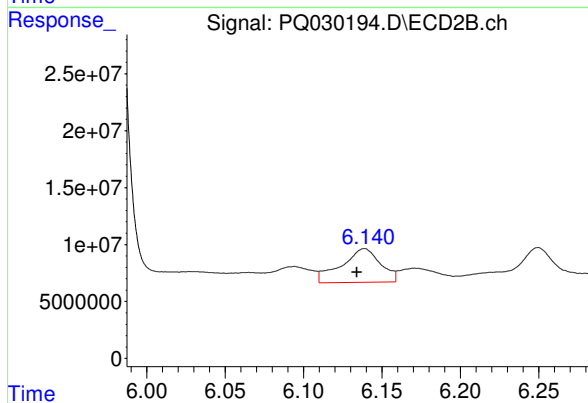
#35 AR-1260-5

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 97043388
Conc: 68.56 ng/ml



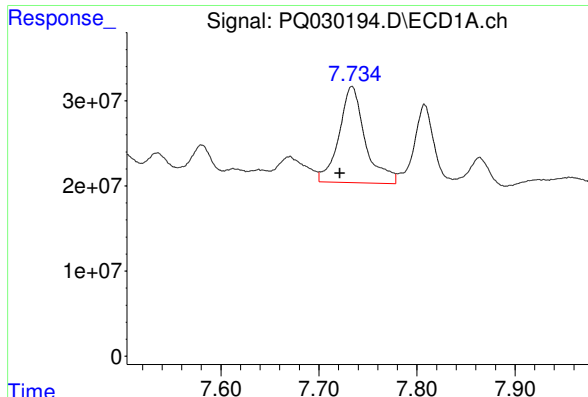
#36 AR-1262-1

R.T.: 7.092 min
Delta R.T.: 0.010 min
Response: 46769363
Conc: 26.27 ng/ml



#36 AR-1262-1

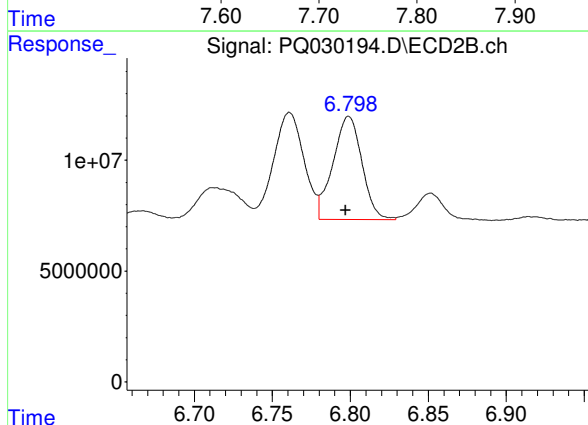
R.T.: 6.139 min
Delta R.T.: 0.005 min
Response: 51435092
Conc: 94.13 ng/ml



#37 AR-1262-2

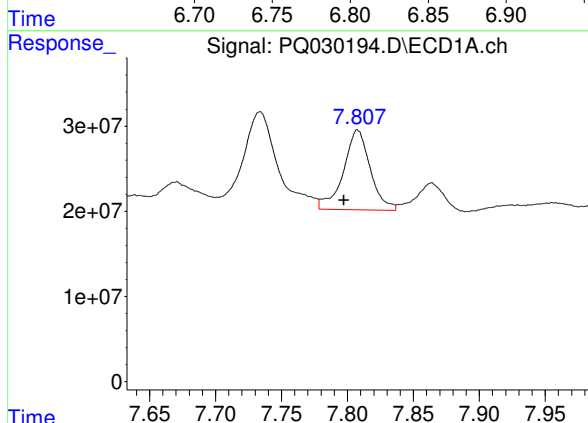
R.T.: 7.734 min
Delta R.T.: 0.012 min
Response: 209857895
Conc: 87.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



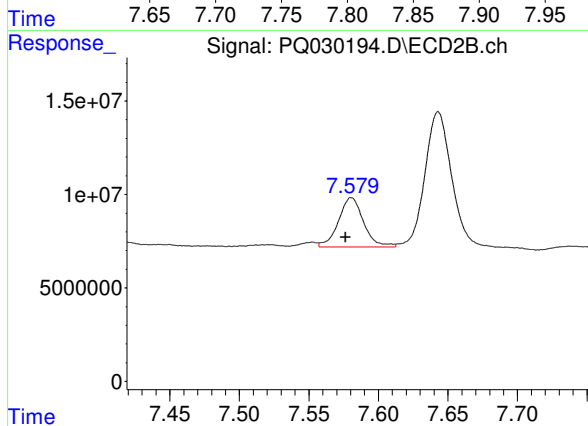
#37 AR-1262-2

R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 60184333
Conc: 39.91 ng/ml



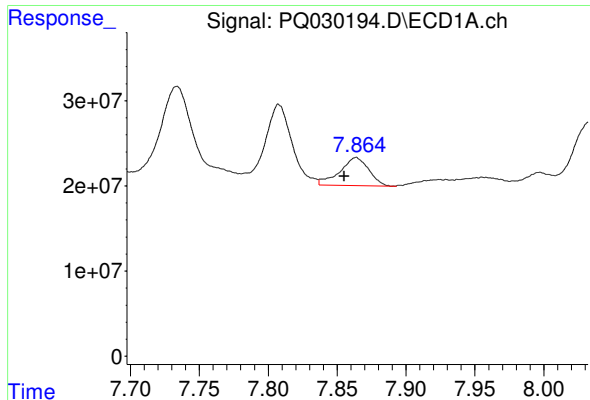
#38 AR-1262-3

R.T.: 7.808 min
Delta R.T.: 0.010 min
Response: 132701309
Conc: 37.74 ng/ml



#38 AR-1262-3

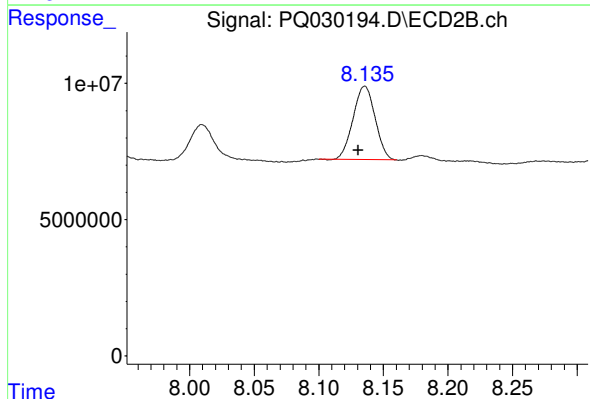
R.T.: 7.581 min
Delta R.T.: 0.004 min
Response: 33277015
Conc: 29.84 ng/ml



#39 AR-1262-4

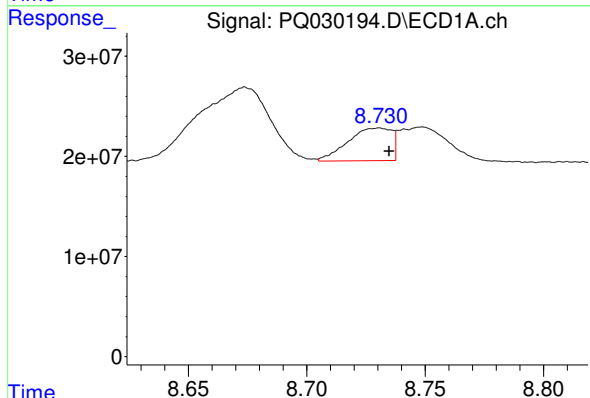
R.T.: 7.864 min
Delta R.T.: 0.009 min
Response: 48062230
Conc: 30.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



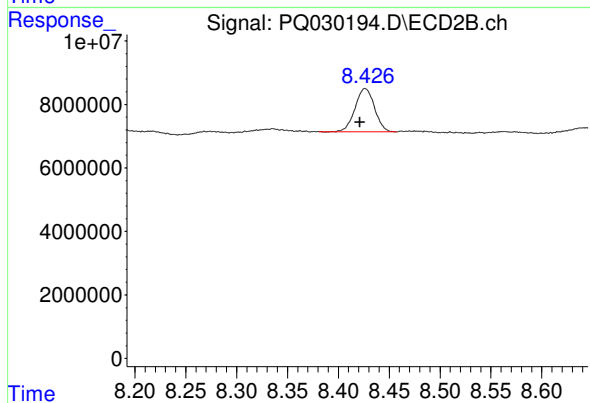
#39 AR-1262-4

R.T.: 8.136 min
Delta R.T.: 0.005 min
Response: 31865122
Conc: 33.72 ng/ml



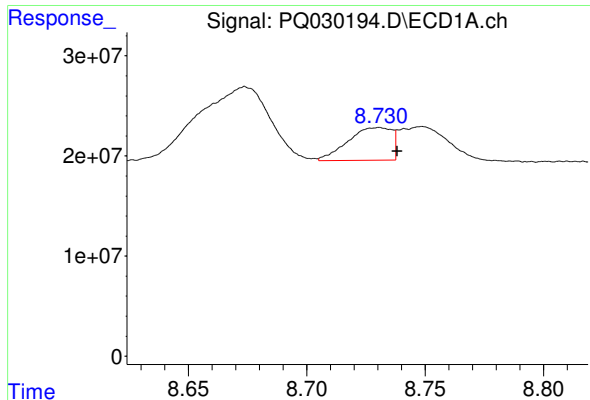
#40 AR-1262-5

R.T.: 8.731 min
Delta R.T.: -0.004 min
Response: 41937977
Conc: 14.07 ng/ml



#40 AR-1262-5

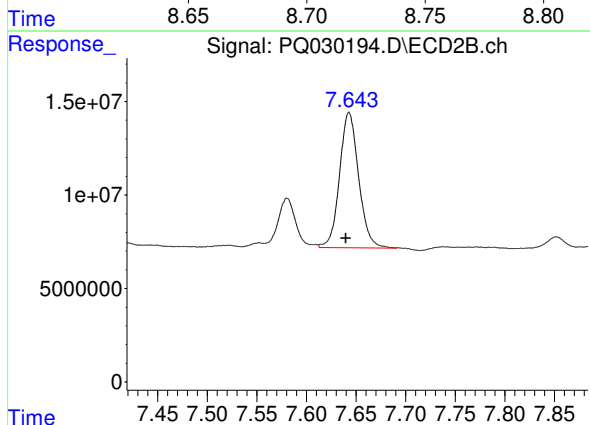
R.T.: 8.426 min
Delta R.T.: 0.005 min
Response: 18093217
Conc: 47.82 ng/ml



#41 AR-1268-1

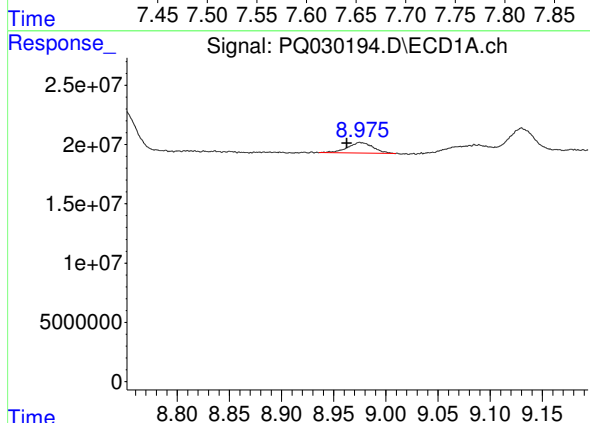
R.T.: 8.731 min
Delta R.T.: -0.008 min
Response: 41937977
Conc: 7.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



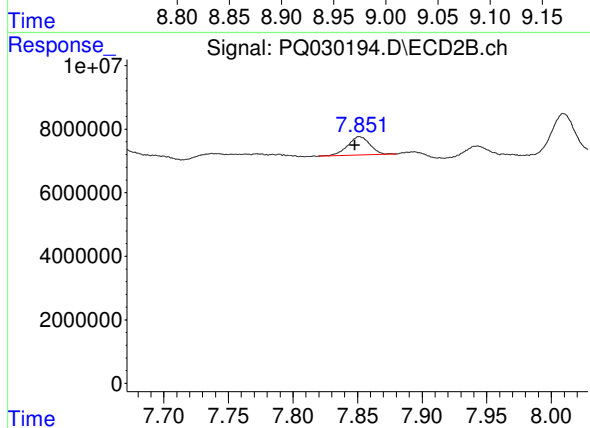
#41 AR-1268-1

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 97043388
Conc: 34.13 ng/ml



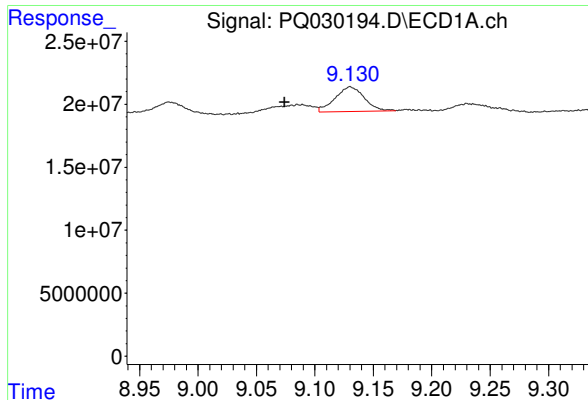
#42 AR-1268-2

R.T.: 8.975 min
Delta R.T.: 0.013 min
Response: 14598075
Conc: 2.96 ng/ml



#42 AR-1268-2

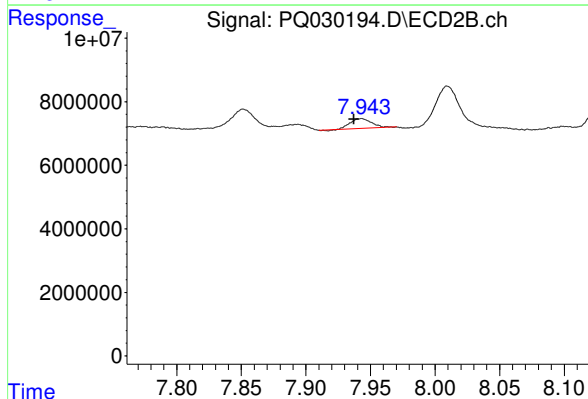
R.T.: 7.852 min
Delta R.T.: 0.004 min
Response: 6954571
Conc: 2.92 ng/ml



#43 AR-1268-3

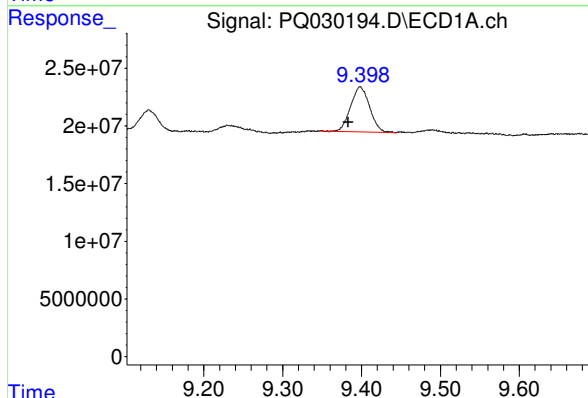
R.T.: 9.130 min
Delta R.T.: 0.056 min
Response: 33682269
Conc: 26.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



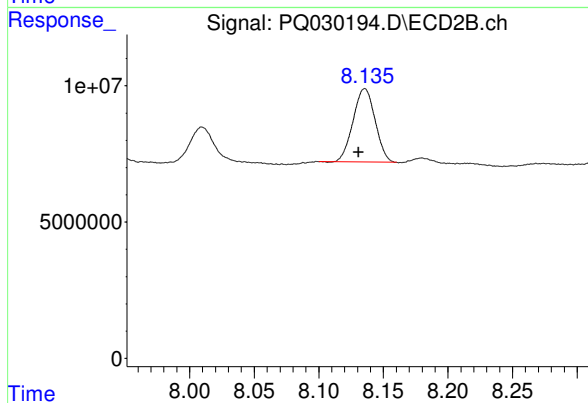
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.005 min
Response: 3381621
Conc: 5.45 ng/ml



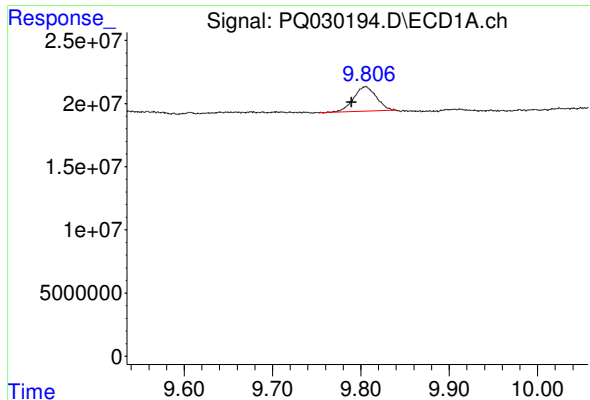
#44 AR-1268-4

R.T.: 9.398 min
Delta R.T.: 0.016 min
Response: 65523753
Conc: 28.28 ng/ml



#44 AR-1268-4

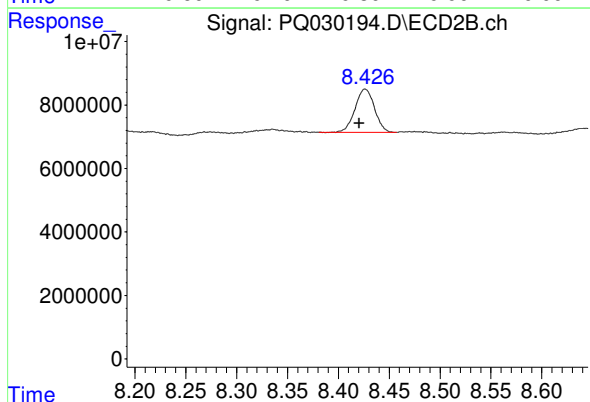
R.T.: 8.136 min
Delta R.T.: 0.005 min
Response: 31865122
Conc: 31.77 ng/ml



#45 AR-1268-5

R.T.: 9.805 min
Delta R.T.: 0.016 min
Response: 34987685
Conc: 2.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: 0.006 min
Response: 18093217
Conc: 2.35 ng/ml