

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
 Data File : PQ038509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 21:21
 Operator : SM\SJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248394

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 00:56:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 2019
 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...	4.718	3.996	80545279	35520801	19.543	21.046
2)	SA Decachlor...	10.667	9.125	228.6E6	108.8E6	42.033	45.999
Target Compounds							
3)	L1 AR-1016-1	5.899	5.120	38901233	20362530	162.904	190.591
4)	L1 AR-1016-2	5.923	5.152	47193310	3604368	129.999	23.267 #
5)	L1 AR-1016-3	5.985	5.338	23845833	27215708	107.128	339.416 #
6)	L1 AR-1016-4	6.085	5.382	26442878	27885437	143.436	439.176 #
7)	L1 AR-1016-5	6.380	5.599	66021202	10953336	357.674	125.055 #
8)	L2 AR-1221-1	0.000	4.213	0	988725	N.D.	42.360 #
9)	L2 AR-1221-2	5.094	4.343	4826276	489602	126.476	29.410 #
10)	L2 AR-1221-3	5.094	4.424	4826276	378653	37.013	6.656 #
11)	L3 AR-1232-1	5.094	4.424	4826276	378653	50.205	9.262 #
12)	L3 AR-1232-2	5.630	5.152	17751658	3604368	342.693	80.761 #
13)	L3 AR-1232-3	5.923	5.338	47193310	27215708	444.670	1131.115 #
14)	L3 AR-1232-4	6.085	5.415	26442878	9794554	499.010	433.662
15)	L3 AR-1232-5	6.172	5.599	58293264	10953336	1432.819	452.535 #
16)	L4 AR-1242-1	5.923	5.120	47193310	20362530	308.332	289.179
17)	L4 AR-1242-2	5.923	5.152	47193310	3604368	206.559	35.773 #
18)	L4 AR-1242-3	5.985	5.338	23845833	27215708	166.134	508.382 #
19)	L4 AR-1242-4	6.085	5.415	26442878	9794554	229.255	180.445
20)	L4 AR-1242-5	6.825	5.952	72183775	34901188	543.433	474.790
21)	L5 AR-1248-1	5.923	5.120	47193310	20362530	438.641	405.784
22)	L5 AR-1248-2	6.172	5.382	58293264	27885437	357.584	391.325
23)	L5 AR-1248-3	6.380	5.415	66021202	9794554	360.992	133.710 #
24)	L5 AR-1248-4	6.785	5.599	75311012	10953336	359.207	121.135 #
25)	L5 AR-1248-5	6.825	5.991	72183775	7069433	358.148	78.796 #
26)	L6 AR-1254-1	6.785	5.952	75311012	34901188	313.621	217.074 #
27)	L6 AR-1254-2	6.983	6.056	77171163	-38321	204.619	N.D. #
28)	L6 AR-1254-3	7.348	6.519	43362051	325260	106.808	1.353 #
29)	L6 AR-1254-4	7.633	6.693	28331033	16955309	100.648	109.410
30)	L6 AR-1254-5	8.054	7.141	10176022	1074973	31.526	5.303 #
31)	L7 AR-1260-1	7.511	6.644	5416747	2387868	12.731	11.679
32)	L7 AR-1260-2	7.764	6.836	7452006	1762533	14.516	6.881 #
33)	L7 AR-1260-3	8.127	7.014	2529125	12999716	6.538	54.342 #
34)	L7 AR-1260-4	8.361	7.454	3975111	1764471	8.715	8.914
35)	L7 AR-1260-5	8.712	7.649	2926495	1952055	3.090	3.970 #
36)	L8 AR-1262-1	8.127	7.190	2529125	794085	6.380	3.688 #
37)	L8 AR-1262-2	8.712	7.649	2926495	1952055	4.103	5.011
38)	L8 AR-1262-3	0.000	8.002	0	1304692	N.D.	8.763 #
39)	L8 AR-1262-4	0.000	8.002	0	1304692	N.D.	4.577 #
40)	L8 AR-1262-5	0.000	8.522	0	542343	N.D.	4.589 #
41)	L9 AR-1268-1	0.000	7.939	0	495715	N.D.	0.619 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
Data File : PQ038509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 21:21
Operator : SM\SJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

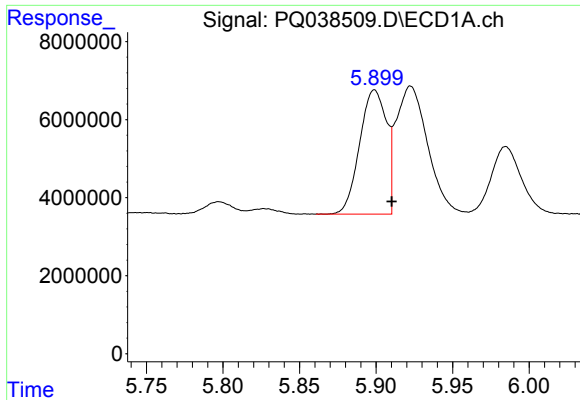
Instrument :
ECD_Q
ClientSampleId :
AR1248394

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 00:56:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 05:45:22 2019
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
42) L9	AR-1268-2	0.000	8.002	0	1304692	N.D.	1.797 #
43) L9	AR-1268-3	9.392	8.217	2833537	1474061	2.198	2.343
44) L9	AR-1268-4	0.000	8.522	0	542343	N.D.	2.303 #
45) L9	AR-1268-5	10.300	8.841	3102946	1540979	0.720	0.800

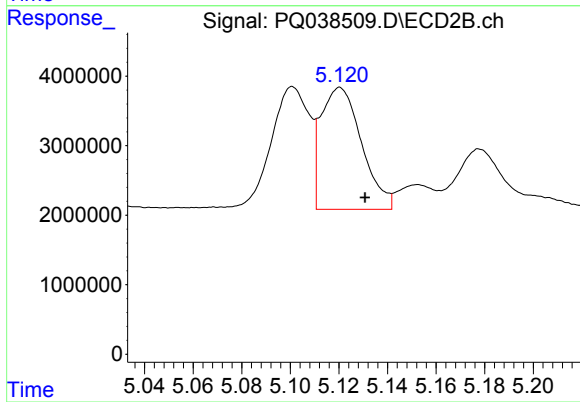
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

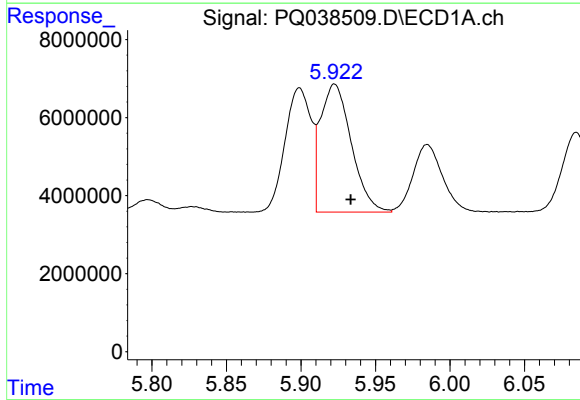
R.T.: 5.899 min
Delta R.T.: -0.011 min
Response: 38901233
Conc: 162.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



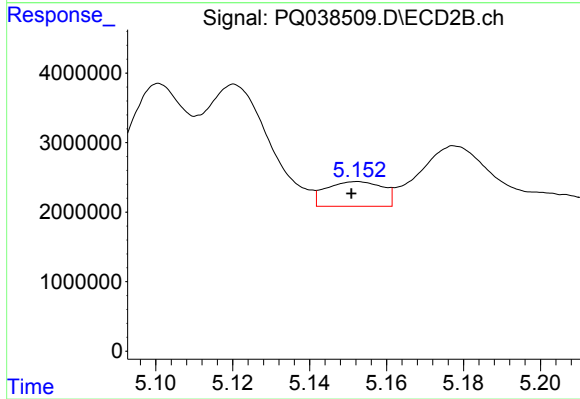
#3 AR-1016-1

R.T.: 5.120 min
Delta R.T.: -0.010 min
Response: 20362530
Conc: 190.59 ng/ml



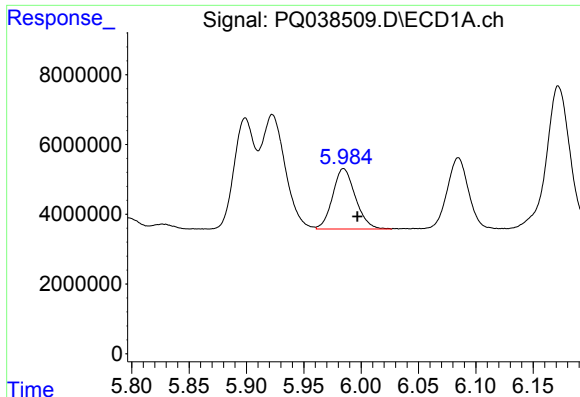
#4 AR-1016-2

R.T.: 5.923 min
Delta R.T.: -0.011 min
Response: 47193310
Conc: 130.00 ng/ml



#4 AR-1016-2

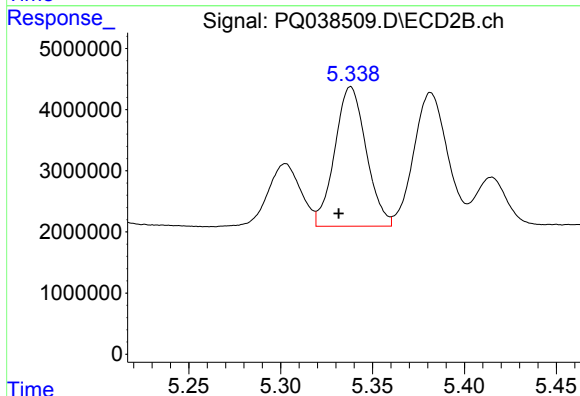
R.T.: 5.152 min
Delta R.T.: 0.002 min
Response: 3604368
Conc: 23.27 ng/ml



#5 AR-1016-3

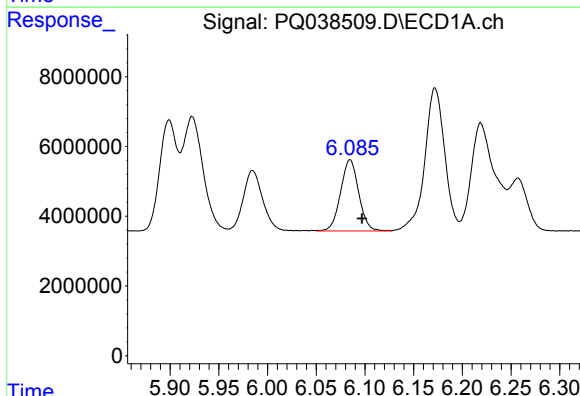
R.T.: 5.985 min
Delta R.T.: -0.012 min
Response: 23845833
Conc: 107.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



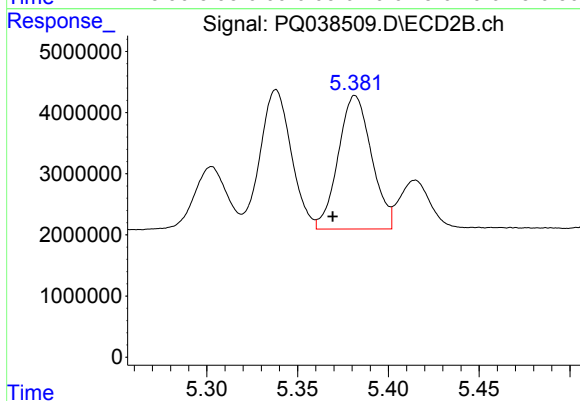
#5 AR-1016-3

R.T.: 5.338 min
Delta R.T.: 0.007 min
Response: 27215708
Conc: 339.42 ng/ml



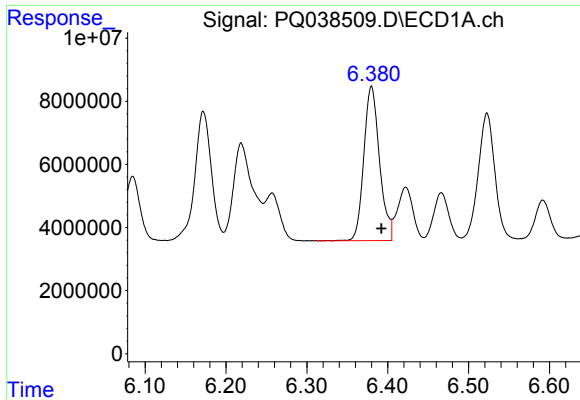
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: -0.013 min
Response: 26442878
Conc: 143.44 ng/ml



#6 AR-1016-4

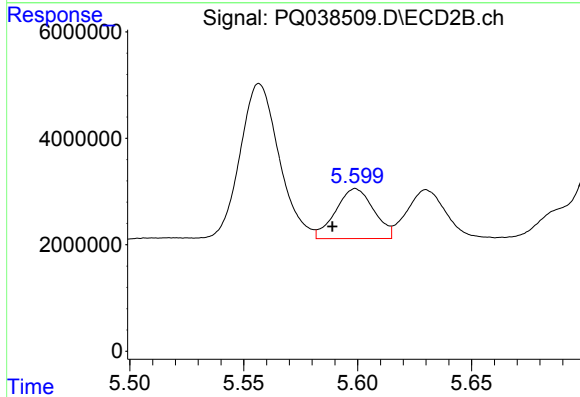
R.T.: 5.382 min
Delta R.T.: 0.012 min
Response: 27885437
Conc: 439.18 ng/ml



#7 AR-1016-5

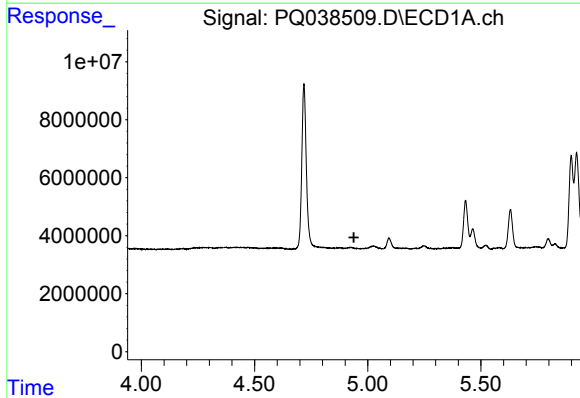
R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 66021202
Conc: 357.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



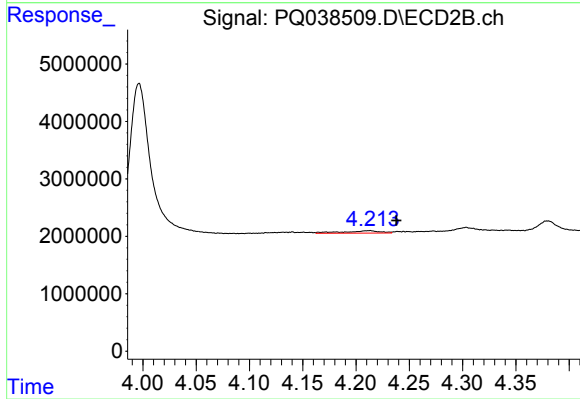
#7 AR-1016-5

R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 10953336
Conc: 125.05 ng/ml



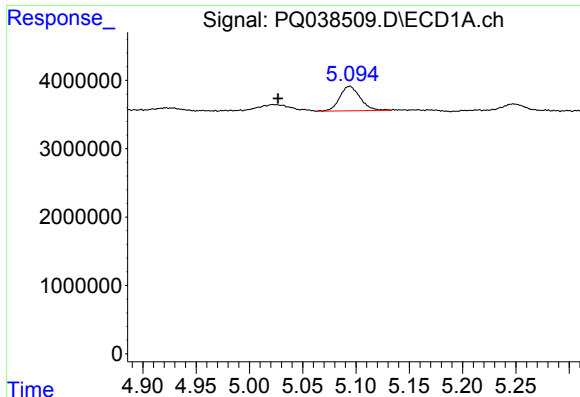
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.939 min
Response: 0
Conc: N.D.



#8 AR-1221-1

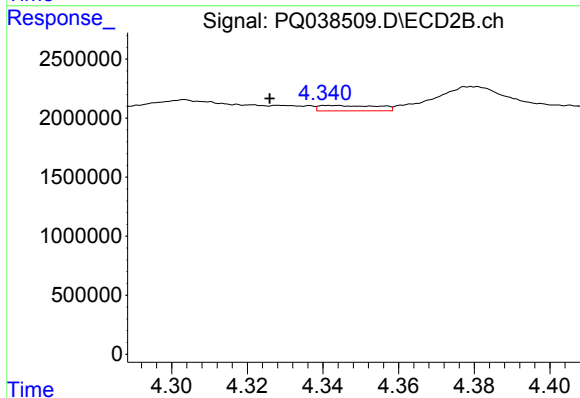
R.T.: 4.213 min
Delta R.T.: -0.025 min
Response: 988725
Conc: 42.36 ng/ml



#9 AR-1221-2

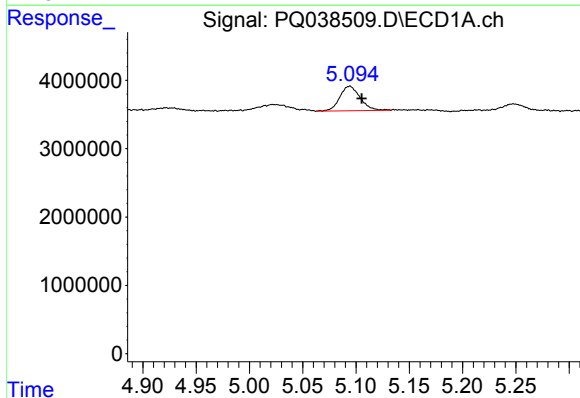
R.T.: 5.094 min
Delta R.T.: 0.067 min
Response: 4826276
Conc: 126.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



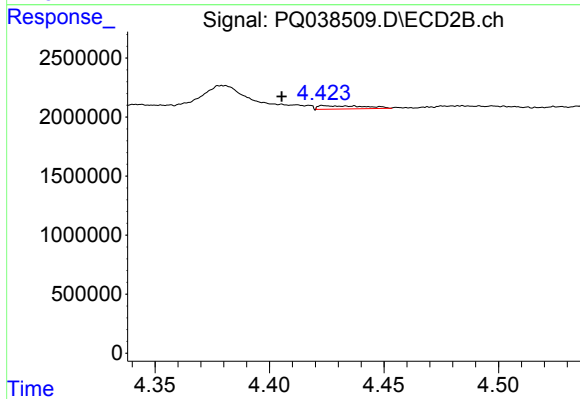
#9 AR-1221-2

R.T.: 4.343 min
Delta R.T.: 0.017 min
Response: 489602
Conc: 29.41 ng/ml



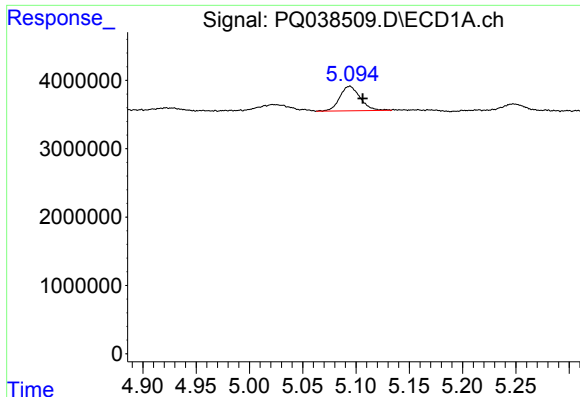
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: -0.011 min
Response: 4826276
Conc: 37.01 ng/ml



#10 AR-1221-3

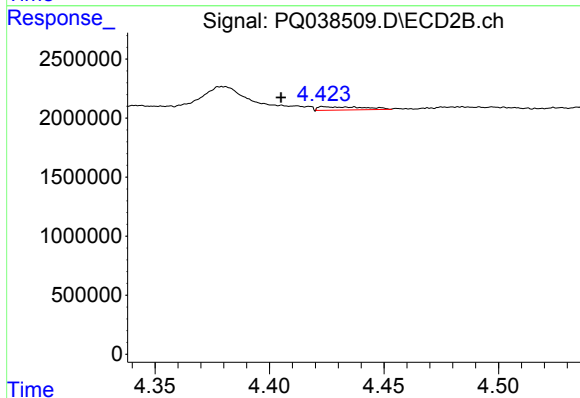
R.T.: 4.424 min
Delta R.T.: 0.019 min
Response: 378653
Conc: 6.66 ng/ml



#11 AR-1232-1

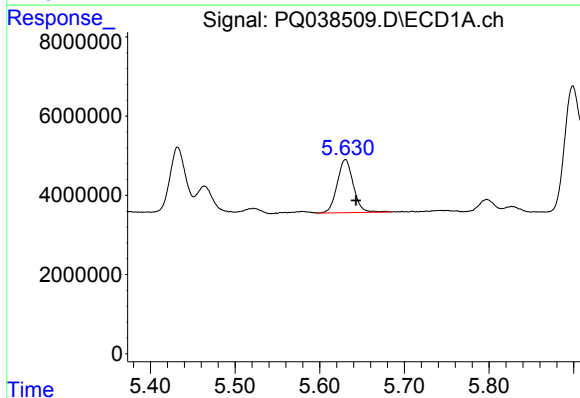
R.T.: 5.094 min
Delta R.T.: -0.012 min
Response: 4826276
Conc: 50.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



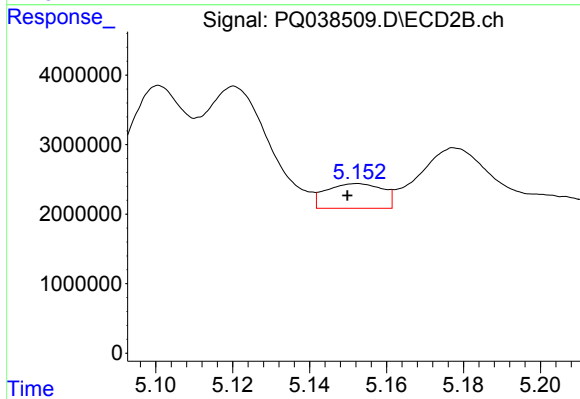
#11 AR-1232-1

R.T.: 4.424 min
Delta R.T.: 0.019 min
Response: 378653
Conc: 9.26 ng/ml



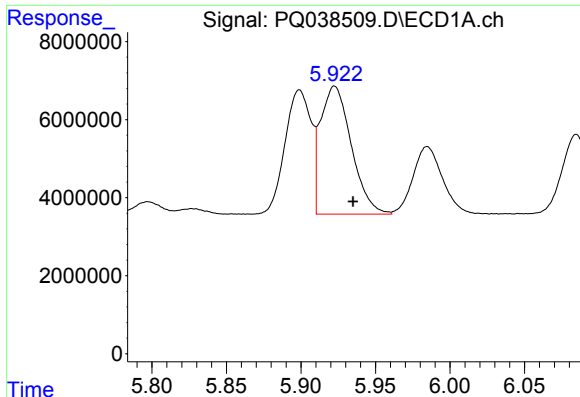
#12 AR-1232-2

R.T.: 5.630 min
Delta R.T.: -0.012 min
Response: 17751658
Conc: 342.69 ng/ml



#12 AR-1232-2

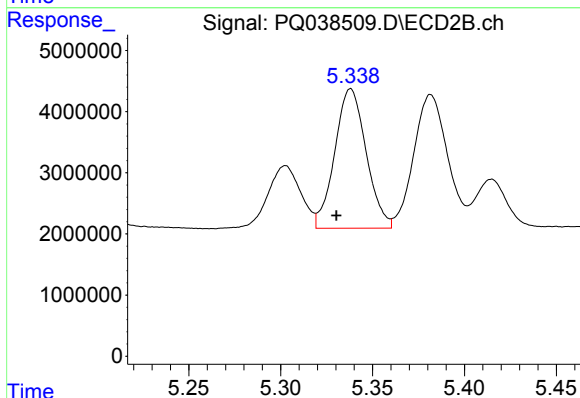
R.T.: 5.152 min
Delta R.T.: 0.003 min
Response: 3604368
Conc: 80.76 ng/ml



#13 AR-1232-3

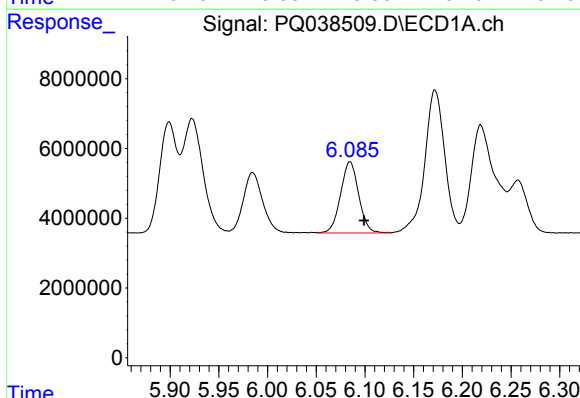
R.T.: 5.923 min
Delta R.T.: -0.012 min
Response: 47193310
Conc: 444.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



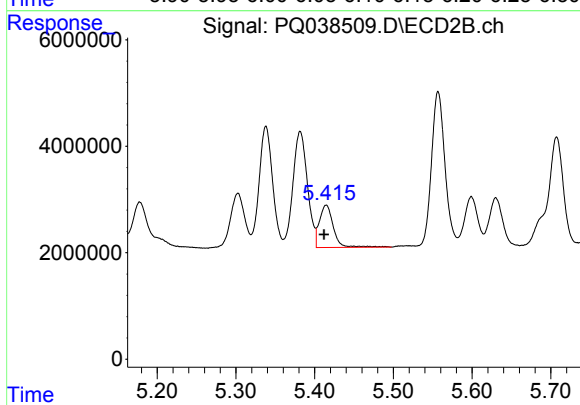
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 27215708
Conc: 1131.11 ng/ml



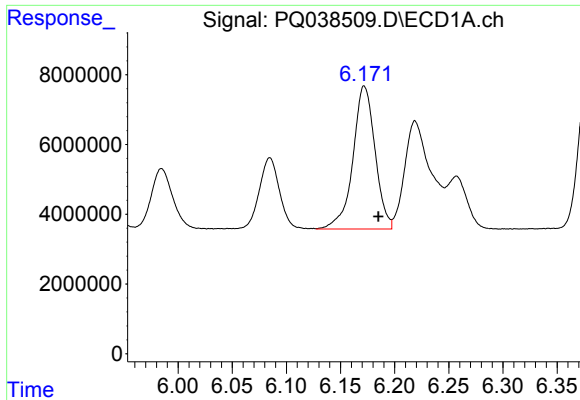
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: -0.014 min
Response: 26442878
Conc: 499.01 ng/ml



#14 AR-1232-4

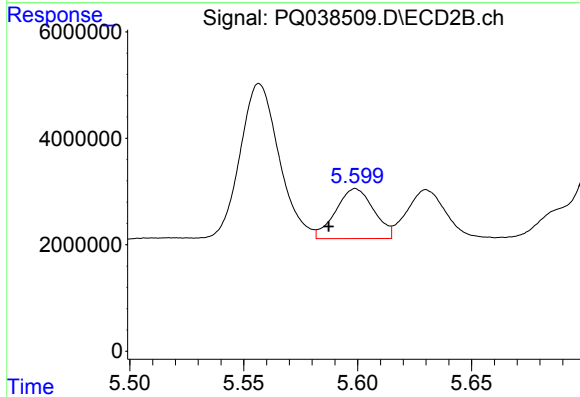
R.T.: 5.415 min
Delta R.T.: 0.003 min
Response: 9794554
Conc: 433.66 ng/ml



#15 AR-1232-5

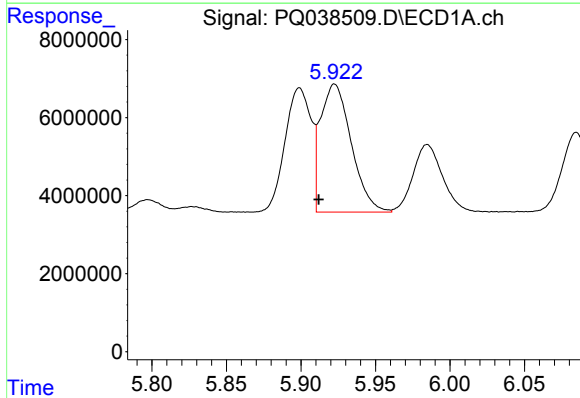
R.T.: 6.172 min
Delta R.T.: -0.013 min
Response: 58293264
Conc: 1432.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



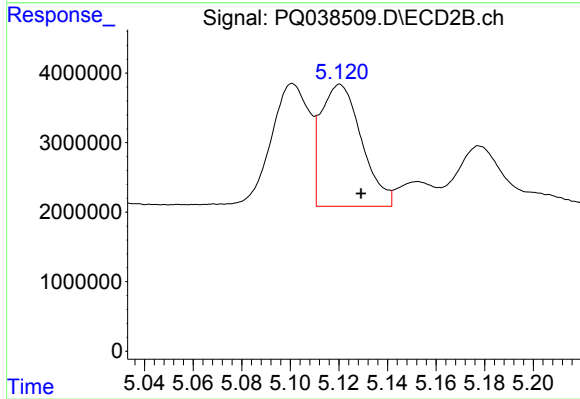
#15 AR-1232-5

R.T.: 5.599 min
Delta R.T.: 0.012 min
Response: 10953336
Conc: 452.53 ng/ml



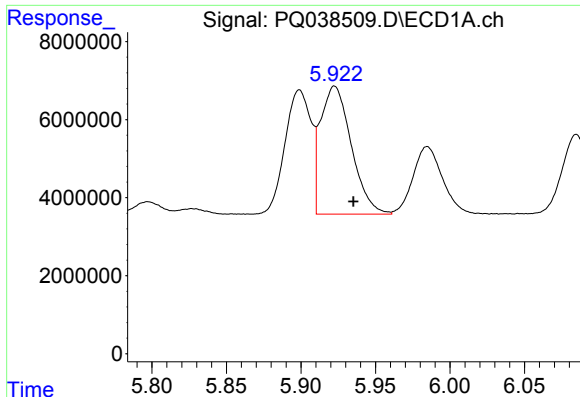
#16 AR-1242-1

R.T.: 5.923 min
Delta R.T.: 0.011 min
Response: 47193310
Conc: 308.33 ng/ml



#16 AR-1242-1

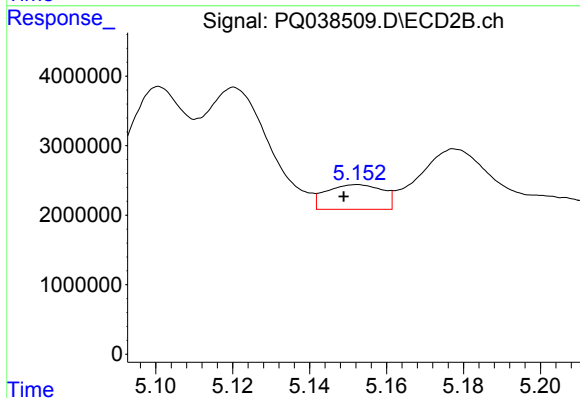
R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 20362530
Conc: 289.18 ng/ml



#17 AR-1242-2

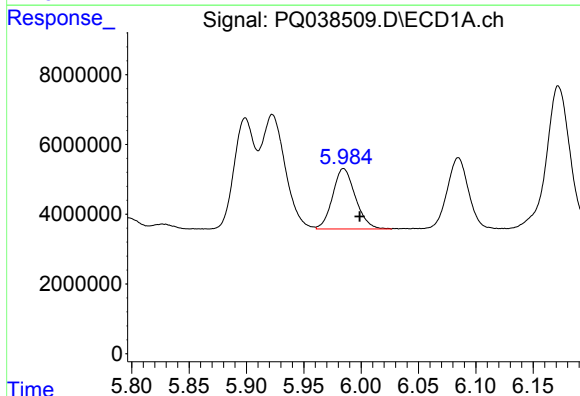
R.T.: 5.923 min
Delta R.T.: -0.013 min
Response: 47193310
Conc: 206.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



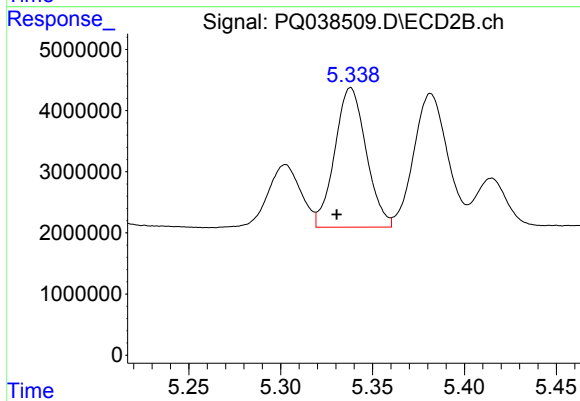
#17 AR-1242-2

R.T.: 5.152 min
Delta R.T.: 0.004 min
Response: 3604368
Conc: 35.77 ng/ml



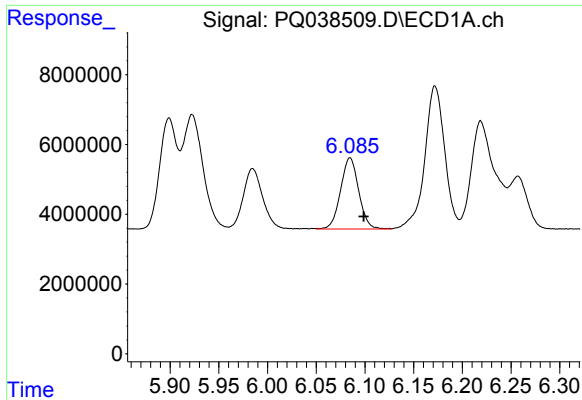
#18 AR-1242-3

R.T.: 5.985 min
Delta R.T.: -0.014 min
Response: 23845833
Conc: 166.13 ng/ml



#18 AR-1242-3

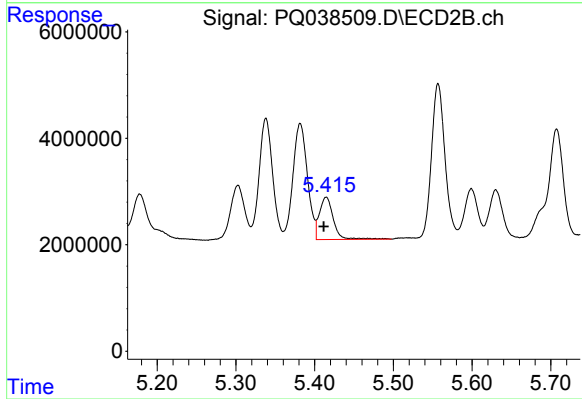
R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 27215708
Conc: 508.38 ng/ml



#19 AR-1242-4

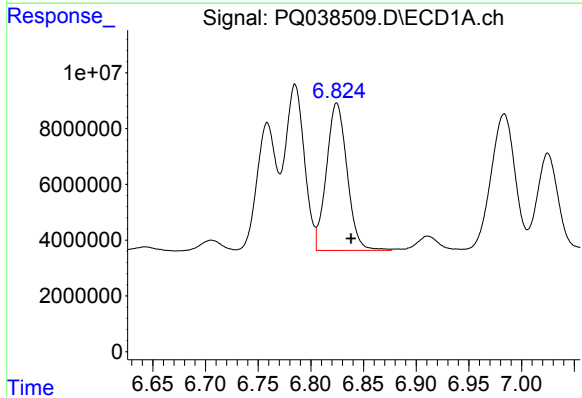
R.T.: 6.085 min
Delta R.T.: -0.014 min
Response: 26442878
Conc: 229.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



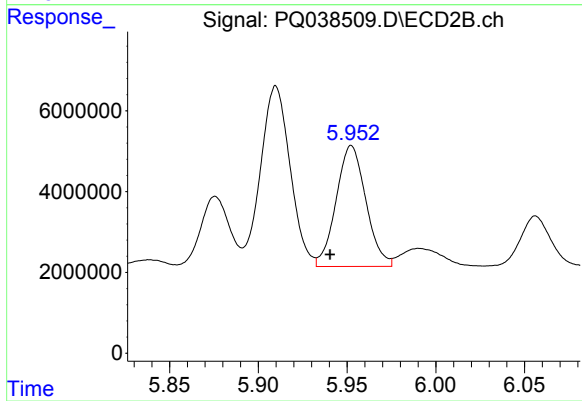
#19 AR-1242-4

R.T.: 5.415 min
Delta R.T.: 0.003 min
Response: 9794554
Conc: 180.44 ng/ml



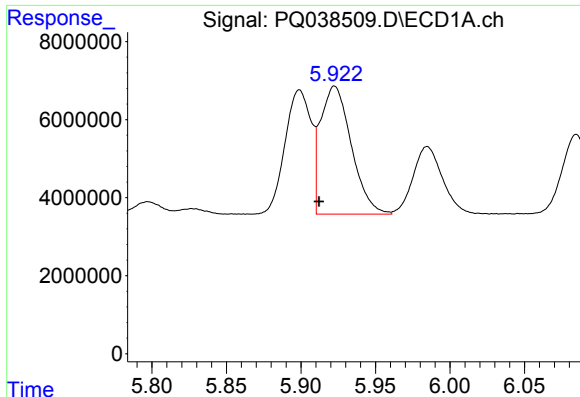
#20 AR-1242-5

R.T.: 6.825 min
Delta R.T.: -0.014 min
Response: 72183775
Conc: 543.43 ng/ml



#20 AR-1242-5

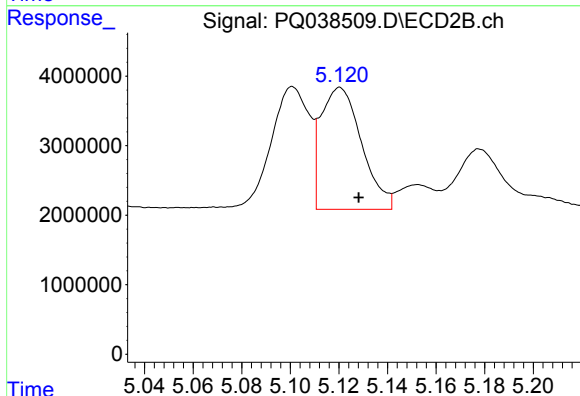
R.T.: 5.952 min
Delta R.T.: 0.012 min
Response: 34901188
Conc: 474.79 ng/ml



#21 AR-1248-1

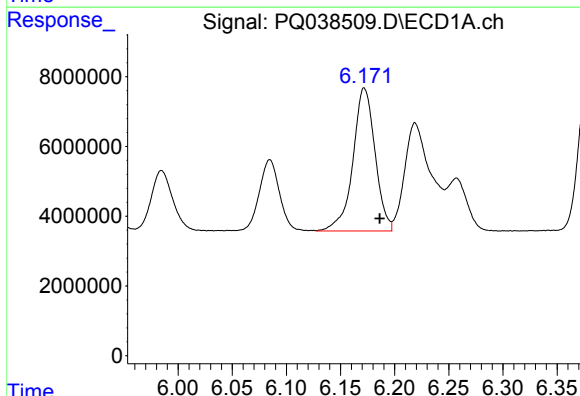
R.T.: 5.923 min
Delta R.T.: 0.010 min
Response: 47193310
Conc: 438.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



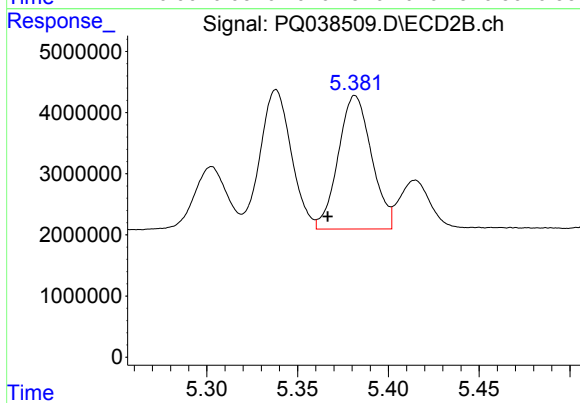
#21 AR-1248-1

R.T.: 5.120 min
Delta R.T.: -0.008 min
Response: 20362530
Conc: 405.78 ng/ml



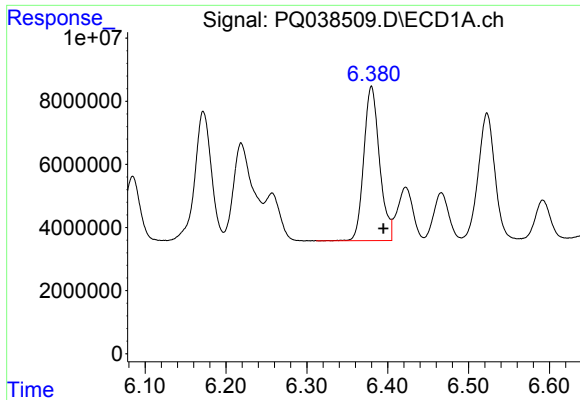
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: -0.014 min
Response: 58293264
Conc: 357.58 ng/ml



#22 AR-1248-2

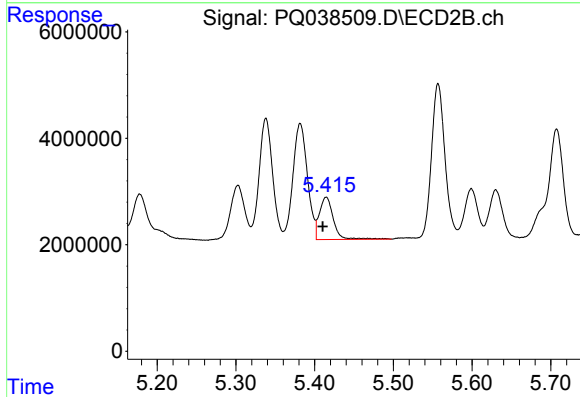
R.T.: 5.382 min
Delta R.T.: 0.015 min
Response: 27885437
Conc: 391.32 ng/ml



#23 AR-1248-3

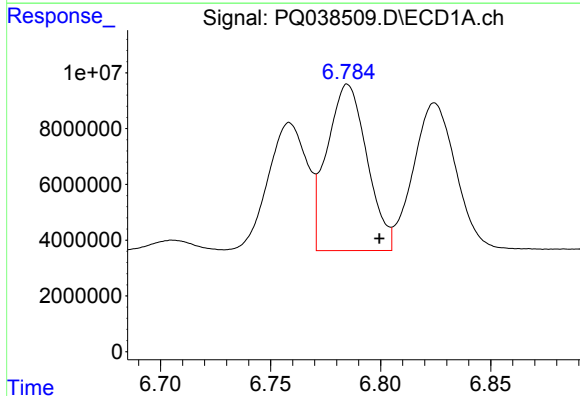
R.T.: 6.380 min
Delta R.T.: -0.015 min
Response: 66021202
Conc: 360.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



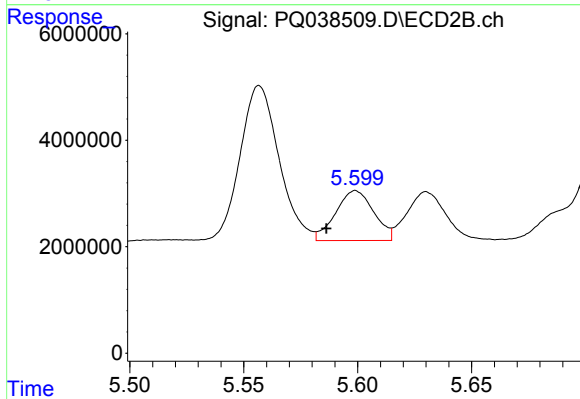
#23 AR-1248-3

R.T.: 5.415 min
Delta R.T.: 0.004 min
Response: 9794554
Conc: 133.71 ng/ml



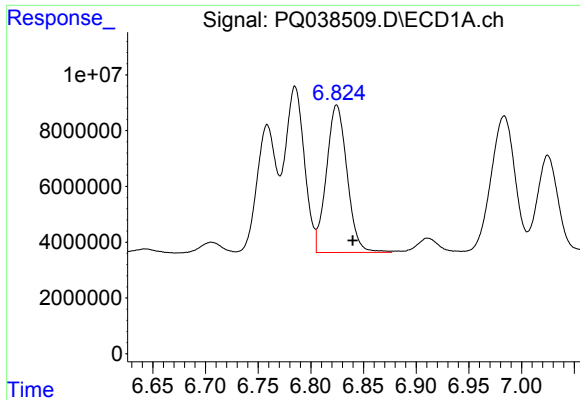
#24 AR-1248-4

R.T.: 6.785 min
Delta R.T.: -0.014 min
Response: 75311012
Conc: 359.21 ng/ml



#24 AR-1248-4

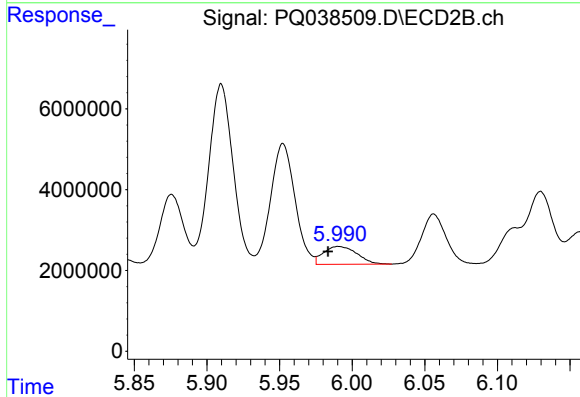
R.T.: 5.599 min
Delta R.T.: 0.013 min
Response: 10953336
Conc: 121.14 ng/ml



#25 AR-1248-5

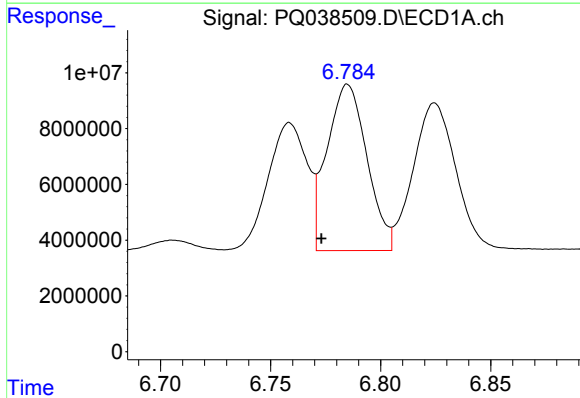
R.T.: 6.825 min
Delta R.T.: -0.015 min
Response: 72183775
Conc: 358.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



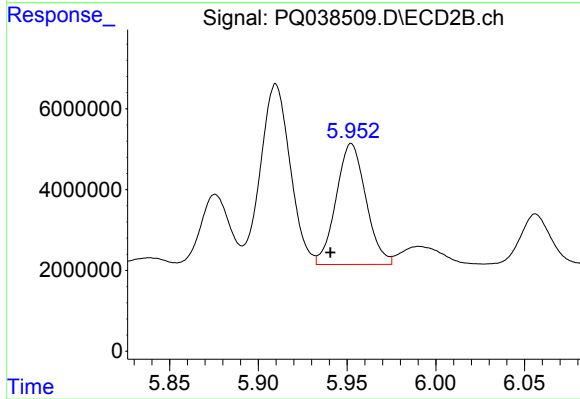
#25 AR-1248-5

R.T.: 5.991 min
Delta R.T.: 0.007 min
Response: 7069433
Conc: 78.80 ng/ml



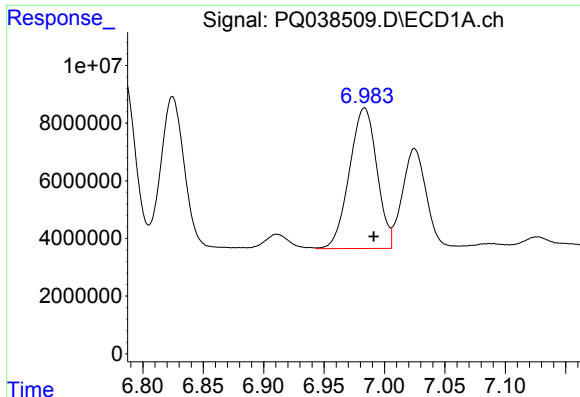
#26 AR-1254-1

R.T.: 6.785 min
Delta R.T.: 0.012 min
Response: 75311012
Conc: 313.62 ng/ml



#26 AR-1254-1

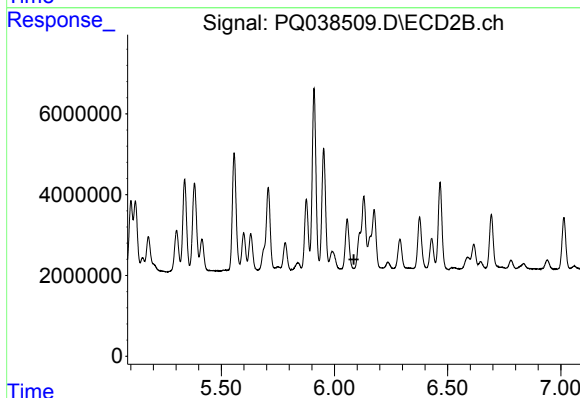
R.T.: 5.952 min
Delta R.T.: 0.012 min
Response: 34901188
Conc: 217.07 ng/ml



#27 AR-1254-2

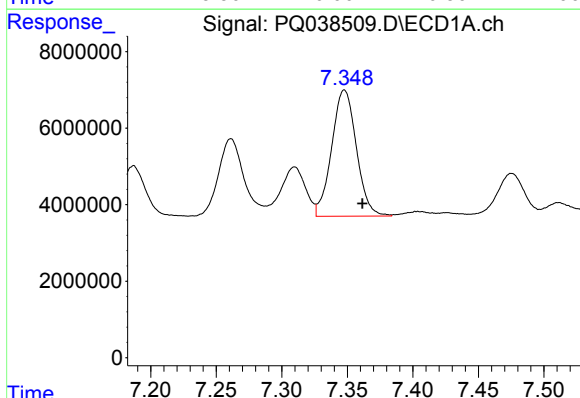
R.T.: 6.983 min
Delta R.T.: -0.008 min
Response: 77171163
Conc: 204.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



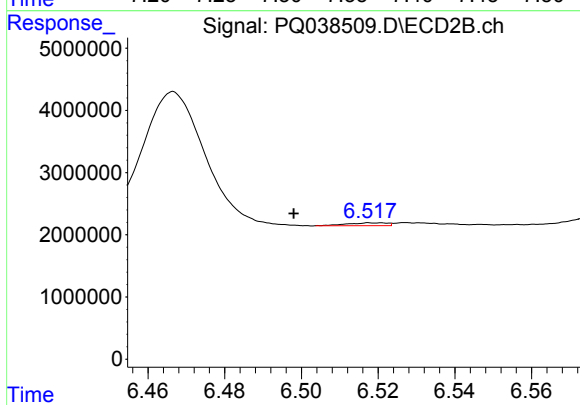
#27 AR-1254-2

R.T.: 6.056 min
Delta R.T.: -0.030 min
Response: -38321
Conc: N.D.



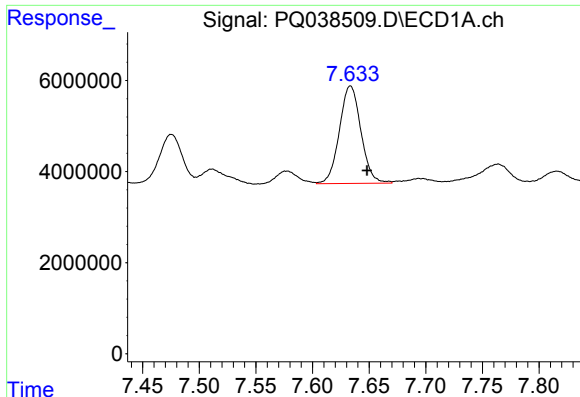
#28 AR-1254-3

R.T.: 7.348 min
Delta R.T.: -0.014 min
Response: 43362051
Conc: 106.81 ng/ml



#28 AR-1254-3

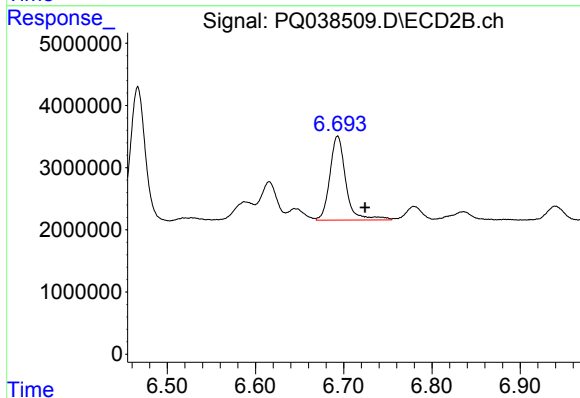
R.T.: 6.519 min
Delta R.T.: 0.021 min
Response: 325260
Conc: 1.35 ng/ml



#29 AR-1254-4

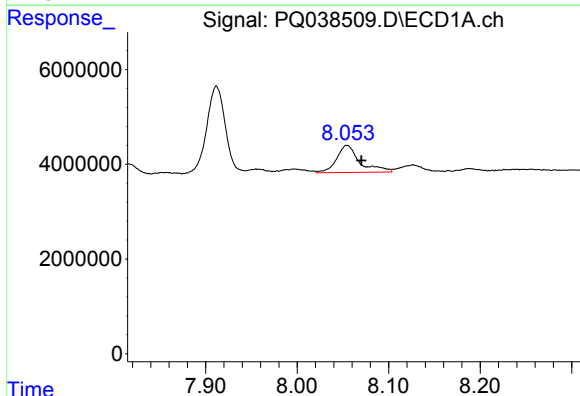
R.T.: 7.633 min
Delta R.T.: -0.015 min
Response: 28331033
Conc: 100.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



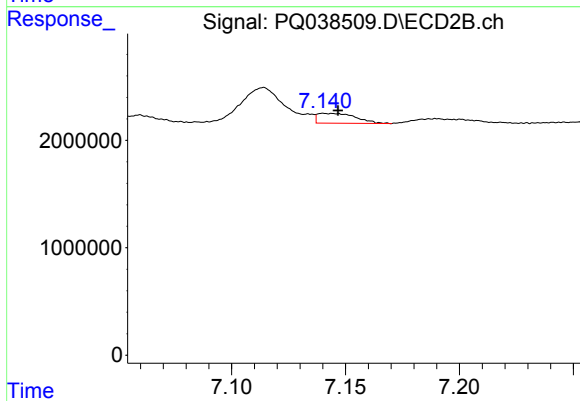
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.031 min
Response: 16955309
Conc: 109.41 ng/ml



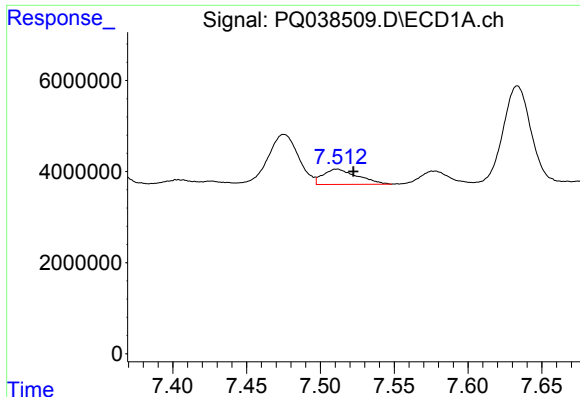
#30 AR-1254-5

R.T.: 8.054 min
Delta R.T.: -0.016 min
Response: 10176022
Conc: 31.53 ng/ml



#30 AR-1254-5

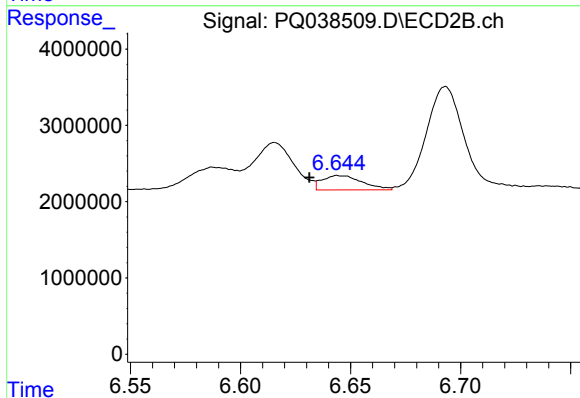
R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 1074973
Conc: 5.30 ng/ml



#31 AR-1260-1

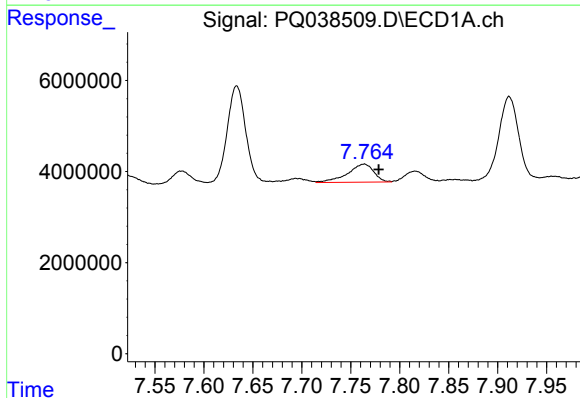
R.T.: 7.511 min
Delta R.T.: -0.011 min
Response: 5416747
Conc: 12.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



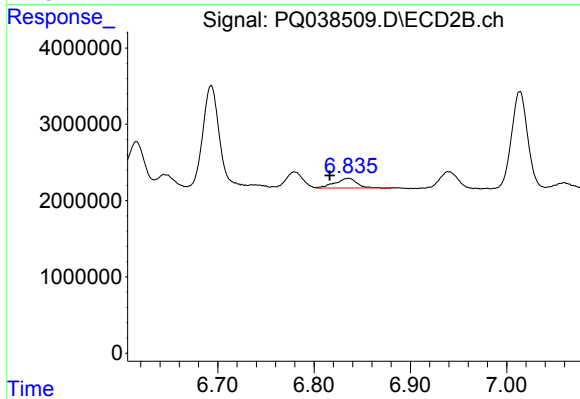
#31 AR-1260-1

R.T.: 6.644 min
Delta R.T.: 0.013 min
Response: 2387868
Conc: 11.68 ng/ml



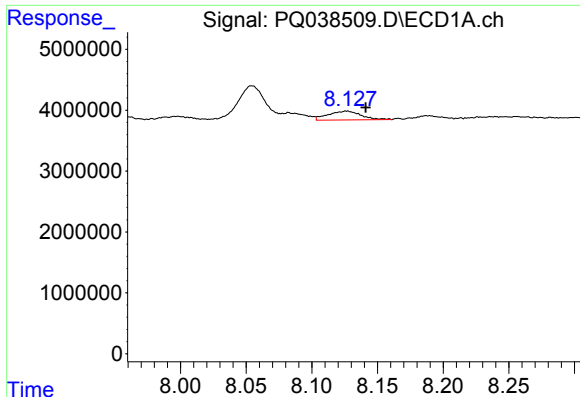
#32 AR-1260-2

R.T.: 7.764 min
Delta R.T.: -0.015 min
Response: 7452006
Conc: 14.52 ng/ml



#32 AR-1260-2

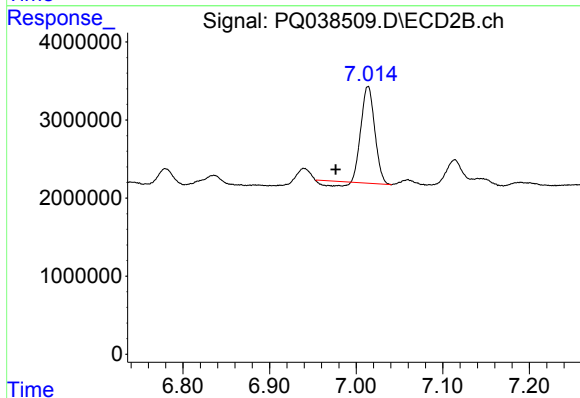
R.T.: 6.836 min
Delta R.T.: 0.019 min
Response: 1762533
Conc: 6.88 ng/ml



#33 AR-1260-3

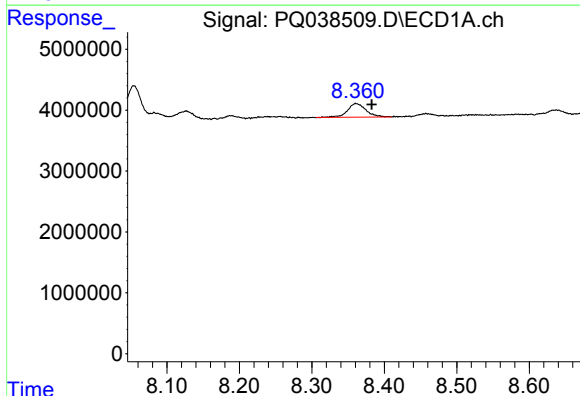
R.T.: 8.127 min
Delta R.T.: -0.015 min
Response: 2529125
Conc: 6.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



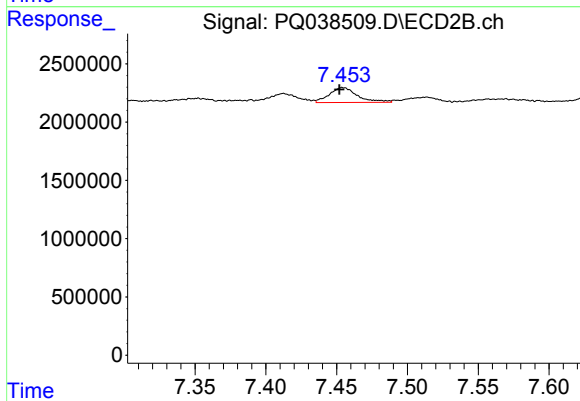
#33 AR-1260-3

R.T.: 7.014 min
Delta R.T.: 0.037 min
Response: 12999716
Conc: 54.34 ng/ml



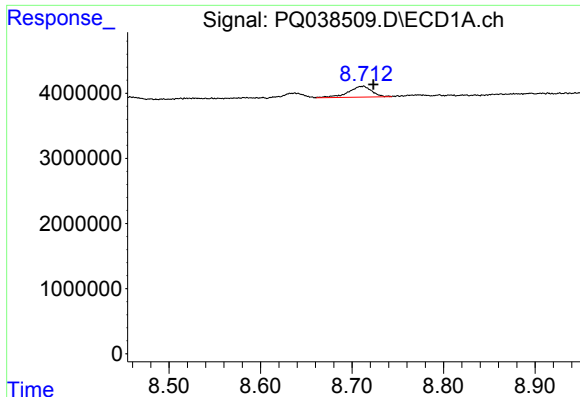
#34 AR-1260-4

R.T.: 8.361 min
Delta R.T.: -0.022 min
Response: 3975111
Conc: 8.71 ng/ml



#34 AR-1260-4

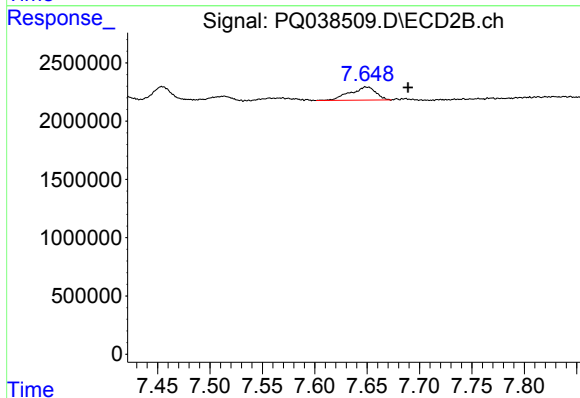
R.T.: 7.454 min
Delta R.T.: 0.002 min
Response: 1764471
Conc: 8.91 ng/ml



#35 AR-1260-5

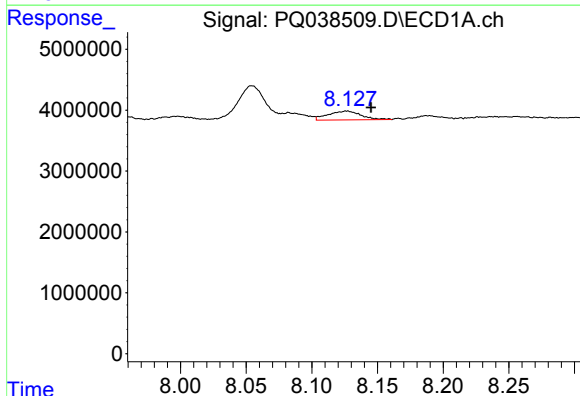
R.T.: 8.712 min
Delta R.T.: -0.011 min
Response: 2926495
Conc: 3.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



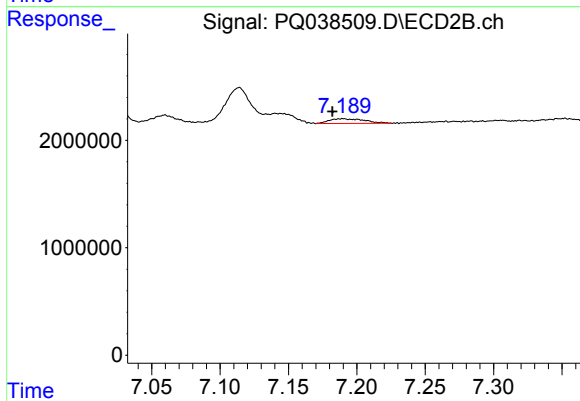
#35 AR-1260-5

R.T.: 7.649 min
Delta R.T.: -0.040 min
Response: 1952055
Conc: 3.97 ng/ml



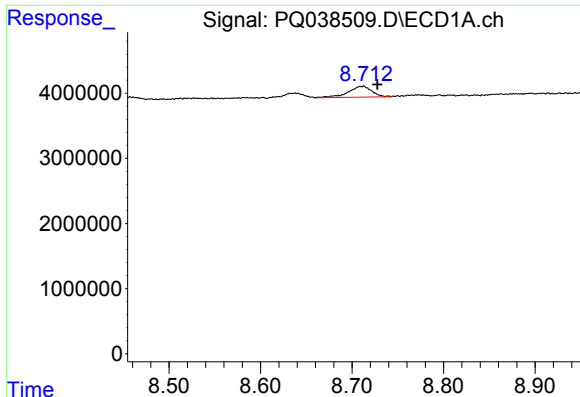
#36 AR-1262-1

R.T.: 8.127 min
Delta R.T.: -0.018 min
Response: 2529125
Conc: 6.38 ng/ml



#36 AR-1262-1

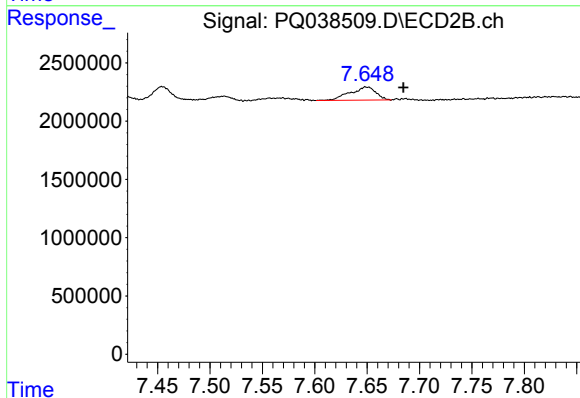
R.T.: 7.190 min
Delta R.T.: 0.008 min
Response: 794085
Conc: 3.69 ng/ml



#37 AR-1262-2

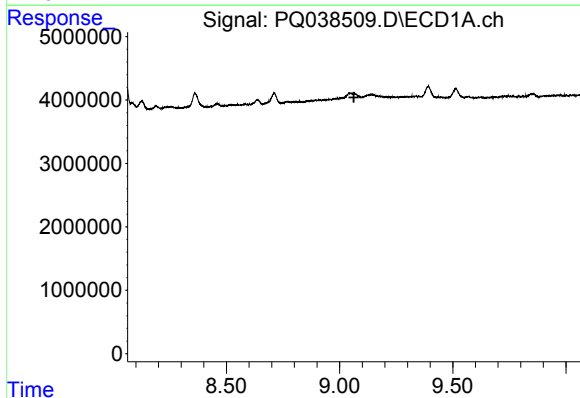
R.T.: 8.712 min
Delta R.T.: -0.015 min
Response: 2926495
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



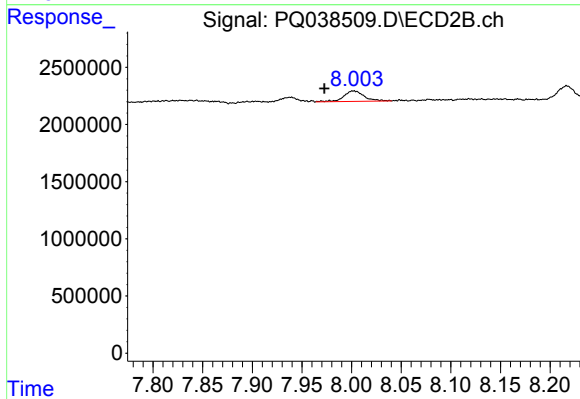
#37 AR-1262-2

R.T.: 7.649 min
Delta R.T.: -0.035 min
Response: 1952055
Conc: 5.01 ng/ml



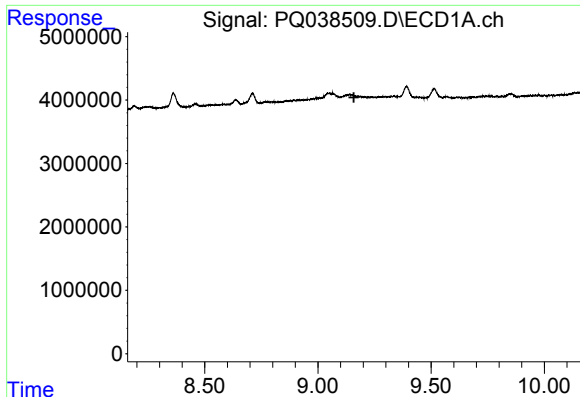
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.063 min
Response: 0
Conc: N.D.



#38 AR-1262-3

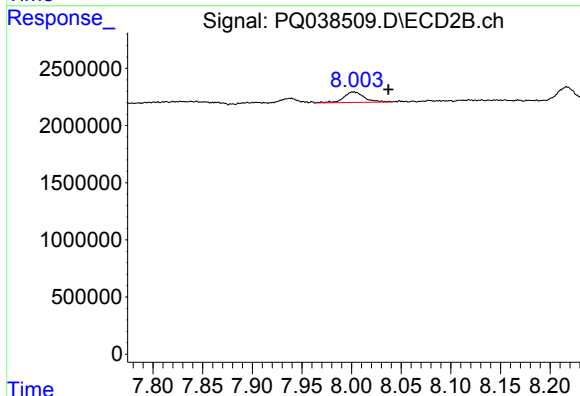
R.T.: 8.002 min
Delta R.T.: 0.029 min
Response: 1304692
Conc: 8.76 ng/ml



#39 AR-1262-4

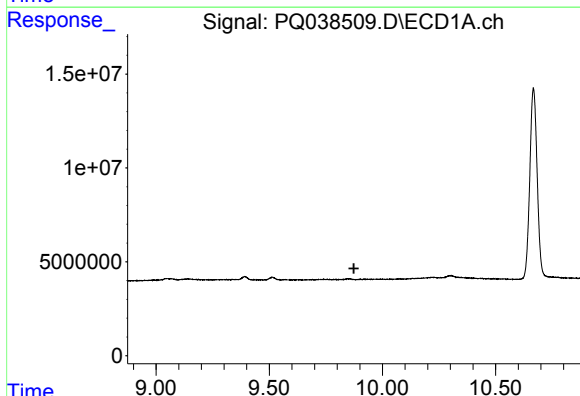
R.T.: 0.000 min
Exp R.T.: 9.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248394



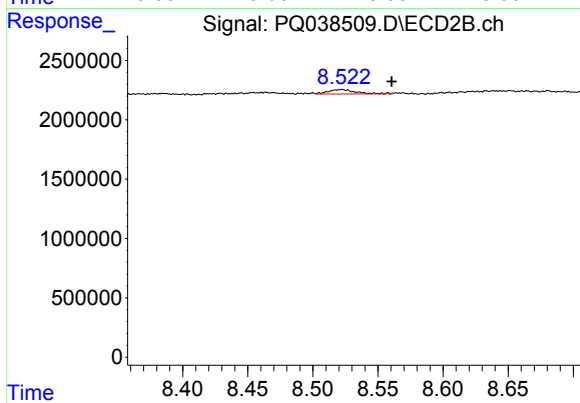
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: -0.035 min
Response: 1304692
Conc: 4.58 ng/ml



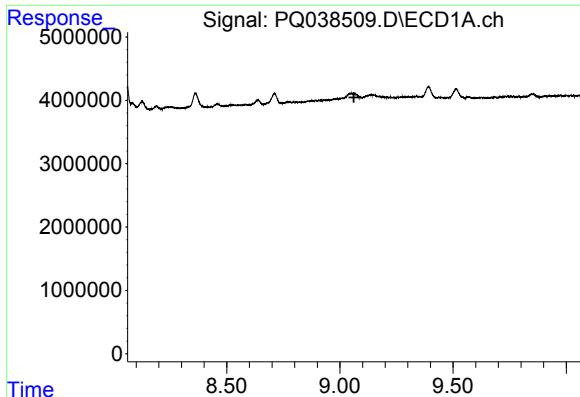
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.874 min
Response: 0
Conc: N.D.



#40 AR-1262-5

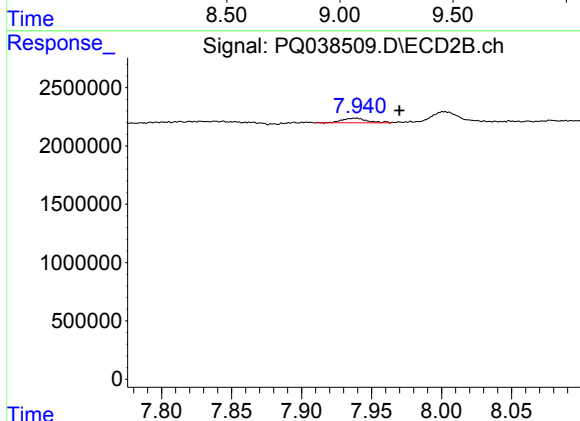
R.T.: 8.522 min
Delta R.T.: -0.039 min
Response: 542343
Conc: 4.59 ng/ml



#41 AR-1268-1

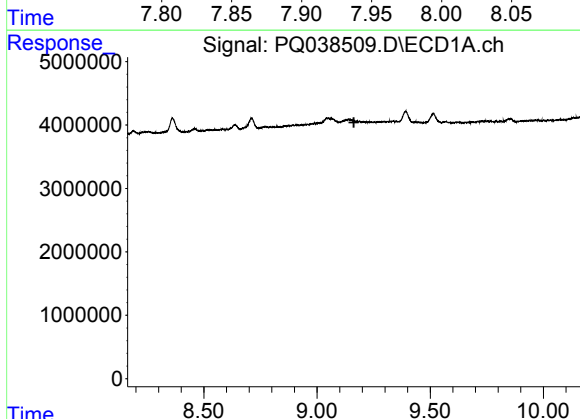
R.T.: 0.000 min
Exp R.T.: 9.062 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248394



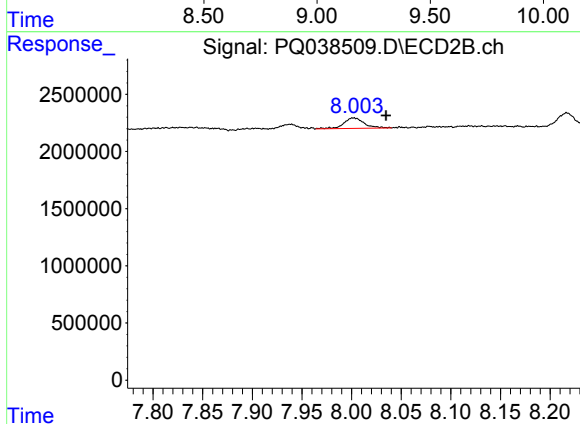
#41 AR-1268-1

R.T.: 7.939 min
Delta R.T.: -0.031 min
Response: 495715
Conc: 0.62 ng/ml



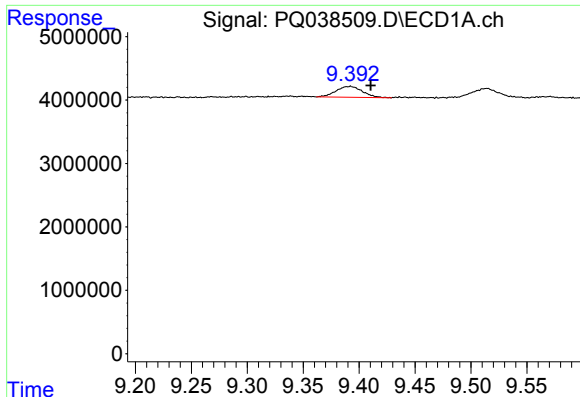
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.163 min
Response: 0
Conc: N.D.



#42 AR-1268-2

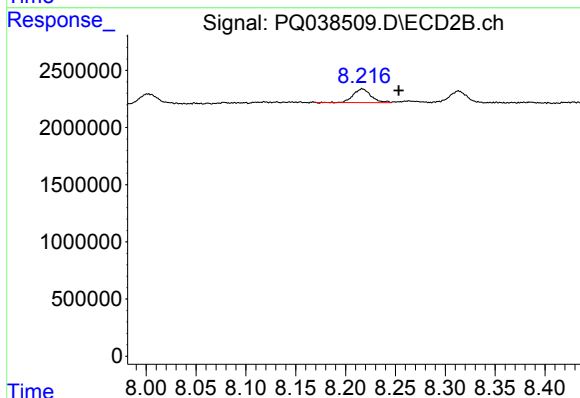
R.T.: 8.002 min
Delta R.T.: -0.033 min
Response: 1304692
Conc: 1.80 ng/ml



#43 AR-1268-3

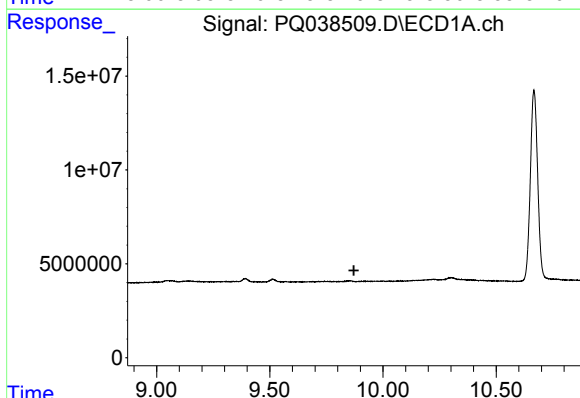
R.T.: 9.392 min
Delta R.T.: -0.018 min
Response: 2833537
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



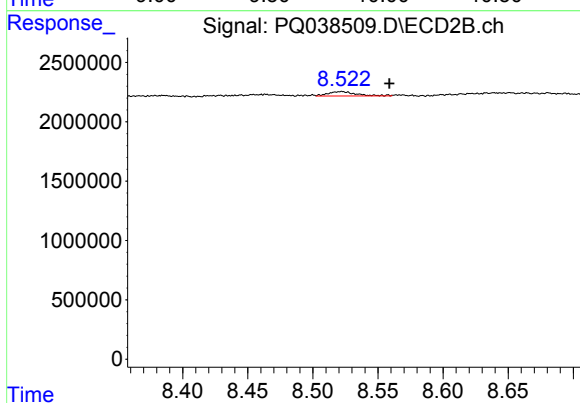
#43 AR-1268-3

R.T.: 8.217 min
Delta R.T.: -0.036 min
Response: 1474061
Conc: 2.34 ng/ml



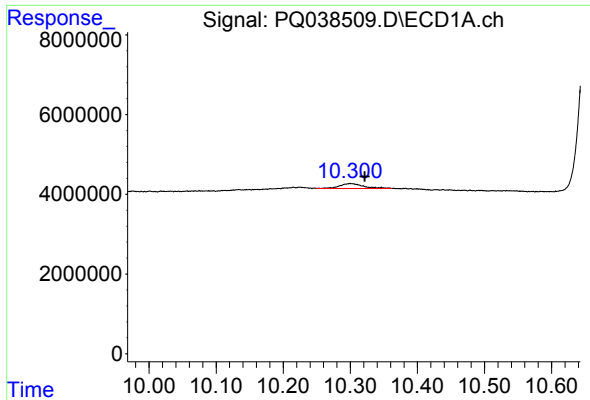
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.871 min
Response: 0
Conc: N.D.



#44 AR-1268-4

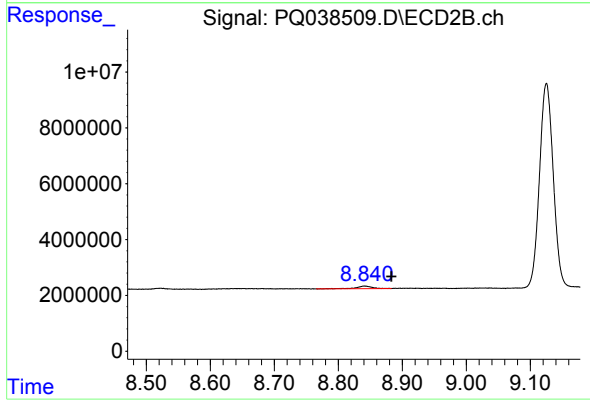
R.T.: 8.522 min
Delta R.T.: -0.037 min
Response: 542343
Conc: 2.30 ng/ml



#45 AR-1268-5

R.T.: 10.300 min
Delta R.T.: -0.021 min
Response: 3102946
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248394



#45 AR-1268-5

R.T.: 8.841 min
Delta R.T.: -0.042 min
Response: 1540979
Conc: 0.80 ng/ml