

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 11:19
 Operator : SM\AJ
 Sample : AR1248CCC400
 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: Jul 26 22:57:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.714	4.764	81437768	69440411	21.274	23.100
2)	SA Decachlor...	12.121	10.530	424.6E6	208.6E6	41.052	45.781
Target Compounds							
3)	L1 AR-1016-1	7.158	6.217	47214831	43691466	270.522	298.617
4)	L1 AR-1016-2	7.184	6.239	55782646	45904396	211.521	220.544
5)	L1 AR-1016-3	7.254	6.454	27808816	29316119	171.900	259.651 #
6)	L1 AR-1016-4	7.366	6.507	31299103	52870139	232.243	579.937 #
7)	L1 AR-1016-5	7.701	6.761	79440781	70137553	596.985	583.601
9)	L2 AR-1221-2	0.000	5.187	0	1618174	N.D.	51.126 #
10)	L2 AR-1221-3	6.198	5.292	5079893	4645826	42.131	43.852
11)	L3 AR-1232-1	6.198	5.292	5079893	4645826	56.618	61.240
12)	L3 AR-1232-2	6.842	6.239	17986017	45904396	364.239	491.374 #
13)	L3 AR-1232-3	7.184	6.454	55782646	29316119	492.862	609.064
14)	L3 AR-1232-4	7.366	6.557	31299103	58895346	529.524	1366.016 #
15)	L3 AR-1232-5	7.473	6.761	60051093	70137553	1627.185	1449.974
16)	L4 AR-1242-1	7.158	6.217	47214831	43691466	376.938	413.986
17)	L4 AR-1242-2	7.184	6.239	55782646	45904396	292.924	296.030
18)	L4 AR-1242-3	7.254	6.454	27808816	29316119	235.202	351.291 #
19)	L4 AR-1242-4	7.366	6.557	31299103	58895346	319.320	723.087 #
20)	L4 AR-1242-5	8.191	7.170	113.7E6	126.3E6	857.493	1011.926
21)	L5 AR-1248-1	7.158	6.217	47214831	43691466	509.009	543.980
22)	L5 AR-1248-2	7.473	6.507	60051093	52870139	487.990	471.992
23)	L5 AR-1248-3	7.701	6.557	79440781	58895346	505.878	510.236
24)	L5 AR-1248-4	8.149	6.761	108.7E6	70137553	503.210	484.523
25)	L5 AR-1248-5	8.191	7.216	113.7E6	97083946	533.827	576.913
26)	L6 AR-1254-1	8.119	7.170	86227623	126.3E6	425.392	496.720
27)	L6 AR-1254-2	8.361	7.338	112.2E6	45496250	324.991	198.858 #
28)	L6 AR-1254-3	8.752	7.786	71669181	54881743	172.953	135.214
29)	L6 AR-1254-4	9.054	8.036	54262767	42827873	149.928	156.769
30)	L6 AR-1254-5	9.493	8.482	10856807	11256846	27.039	28.193
31)	L7 AR-1260-1	8.948	7.945	9369510	28089098	31.013	105.616 #
32)	L7 AR-1260-2	9.193	8.130	14939518	7969245	32.593	21.963 #
33)	L7 AR-1260-3	9.568	8.296	3444247	6923093	8.112	22.047 #
34)	L7 AR-1260-4	9.804	8.796	7994441	1797508	18.992	6.314 #
35)	L7 AR-1260-5	10.160	9.046	5404261	5514073	5.057	7.416 #
36)	L8 AR-1262-1	9.568	8.520	3444247	2284797	14.029	11.879
37)	L8 AR-1262-2	10.160	9.046	5404261	5514073	4.450	6.563 #
38)	L8 AR-1262-3	0.000	9.341	0	6102651	N.D.	17.351 #
39)	L8 AR-1262-4	0.000	9.407	0	9109834	N.D.	15.501 #
40)	L8 AR-1262-5	0.000	9.932	0	1180477	N.D.	4.920 #
41)	L9 AR-1268-1	0.000	9.341	0	6102651	N.D.	5.341 #
42)	L9 AR-1268-2	0.000	9.407	0	9109834	N.D.	9.375 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 11:19
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

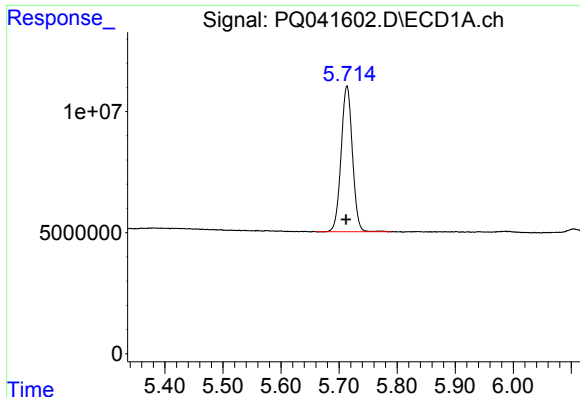
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 22:57:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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
43) L9	AR-1268-3	0.000	9.625	0	9430462	N.D.	11.814 #
44) L9	AR-1268-4	0.000	9.932	0	1180477	N.D.	3.847 #
45) L9	AR-1268-5	11.758	10.251	4471775	4464012	1.032	2.259 #

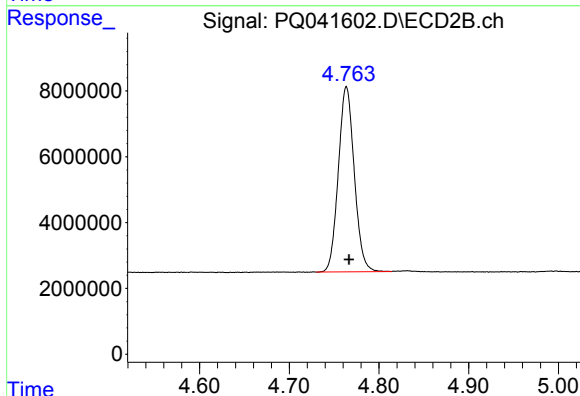
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

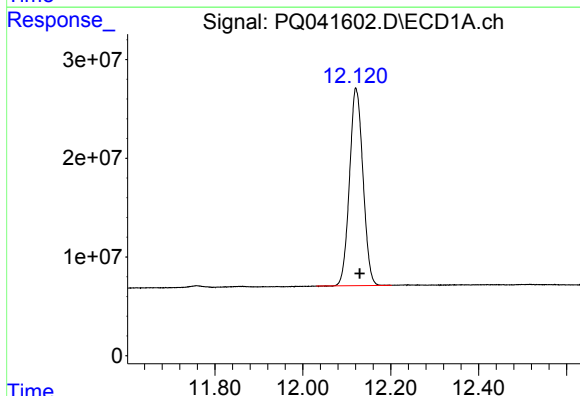
R.T.: 5.714 min
Delta R.T.: 0.002 min
Response: 81437768
Conc: 21.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



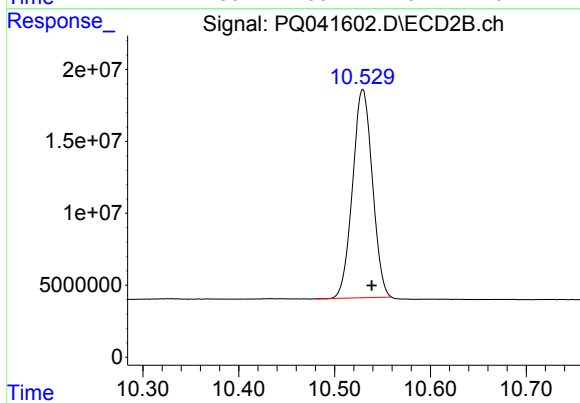
#1 Tetrachloro-m-xylene

R.T.: 4.764 min
Delta R.T.: -0.003 min
Response: 69440411
Conc: 23.10 ng/ml



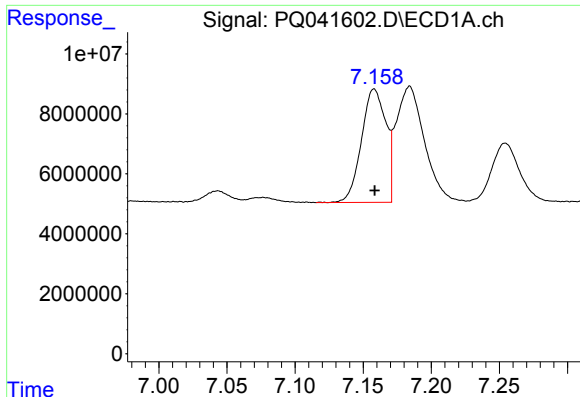
#2 Decachlorobiphenyl

R.T.: 12.121 min
Delta R.T.: -0.009 min
Response: 424636554
Conc: 41.05 ng/ml



#2 Decachlorobiphenyl

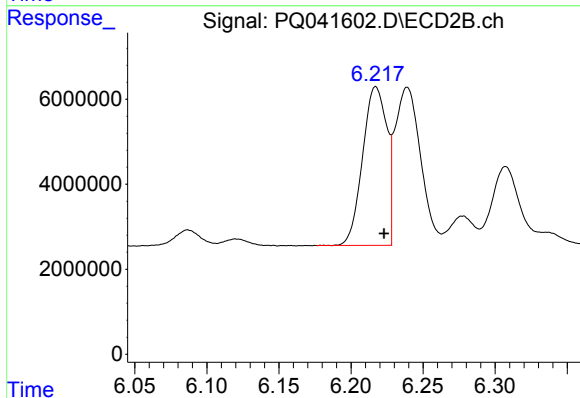
R.T.: 10.530 min
Delta R.T.: -0.009 min
Response: 208610140
Conc: 45.78 ng/ml



#3 AR-1016-1

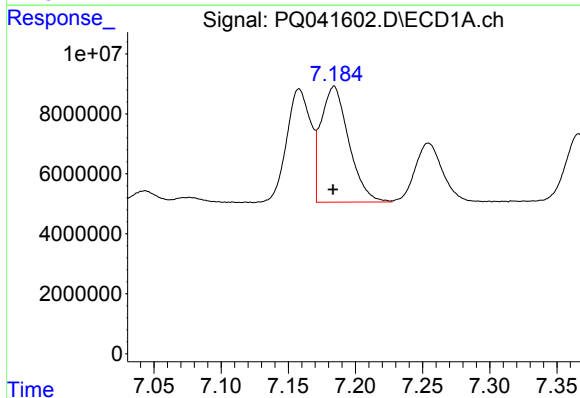
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 47214831
Conc: 270.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



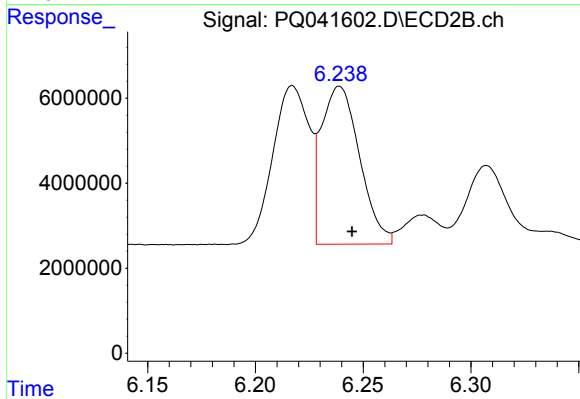
#3 AR-1016-1

R.T.: 6.217 min
Delta R.T.: -0.006 min
Response: 43691466
Conc: 298.62 ng/ml



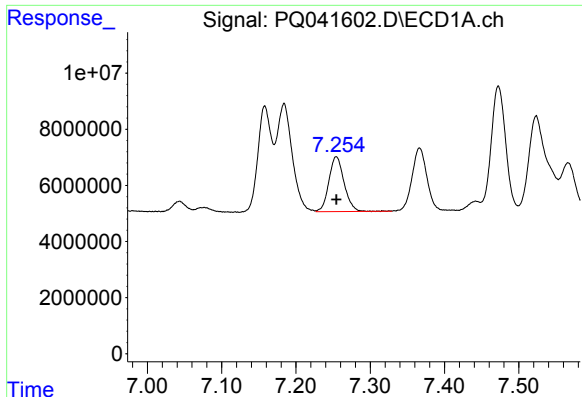
#4 AR-1016-2

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 55782646
Conc: 211.52 ng/ml



#4 AR-1016-2

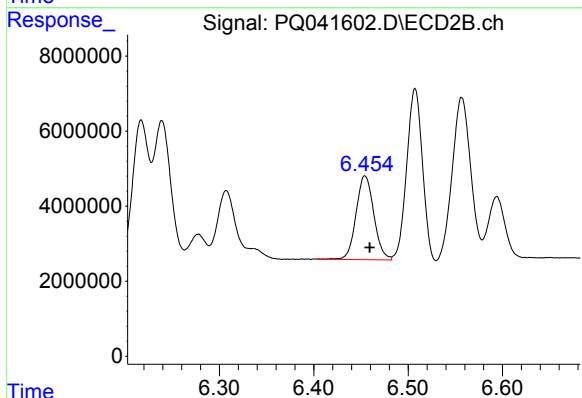
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 45904396
Conc: 220.54 ng/ml



#5 AR-1016-3

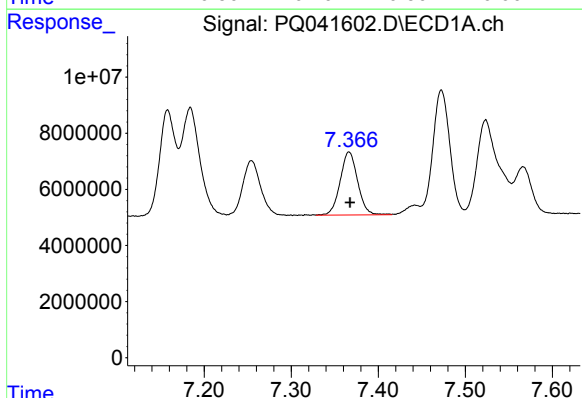
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 27808816
Conc: 171.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



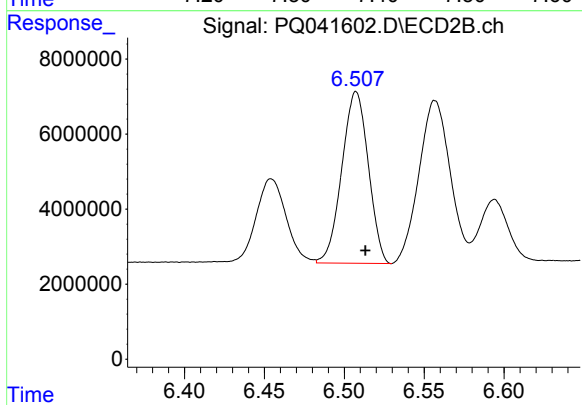
#5 AR-1016-3

R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 29316119
Conc: 259.65 ng/ml



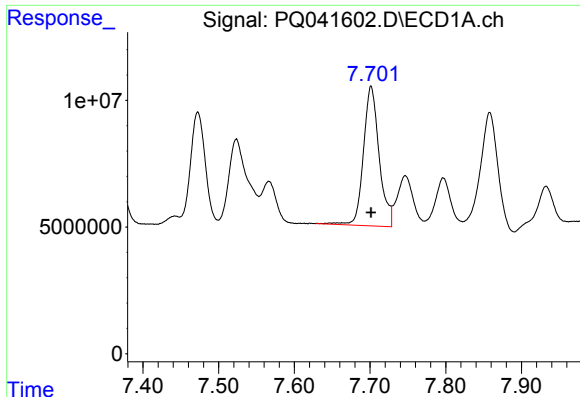
#6 AR-1016-4

R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 31299103
Conc: 232.24 ng/ml



#6 AR-1016-4

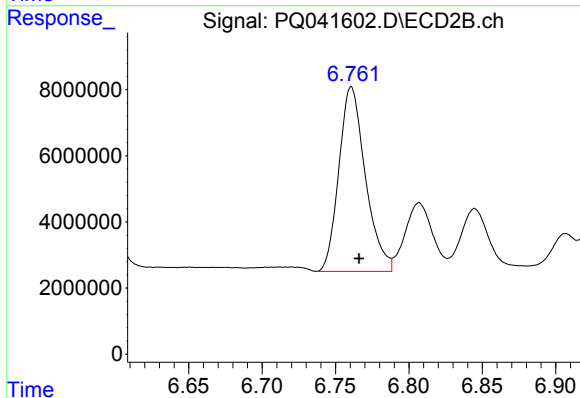
R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 52870139
Conc: 579.94 ng/ml



#7 AR-1016-5

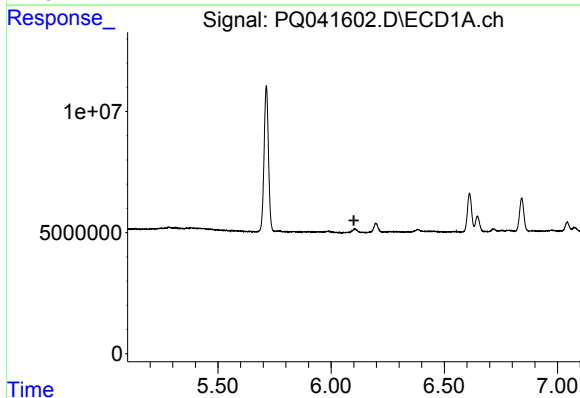
R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 79440781
Conc: 596.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



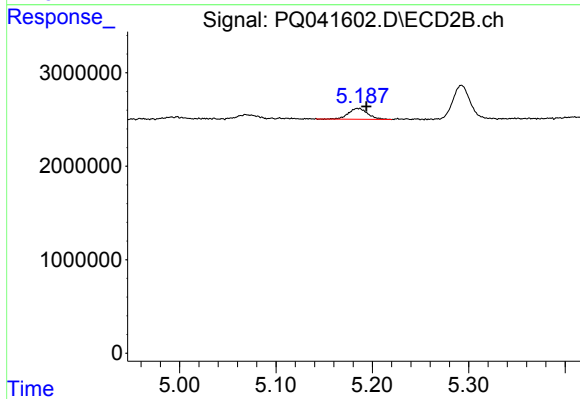
#7 AR-1016-5

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 70137553
Conc: 583.60 ng/ml



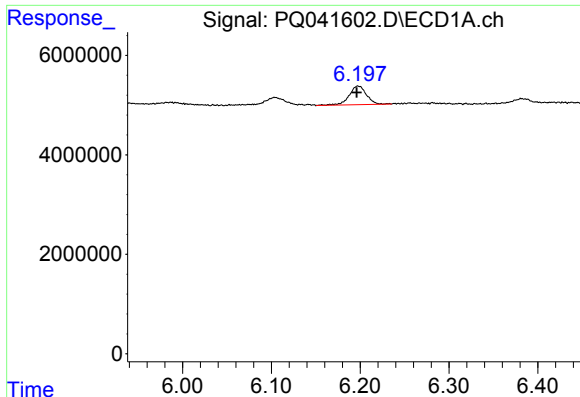
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.



#9 AR-1221-2

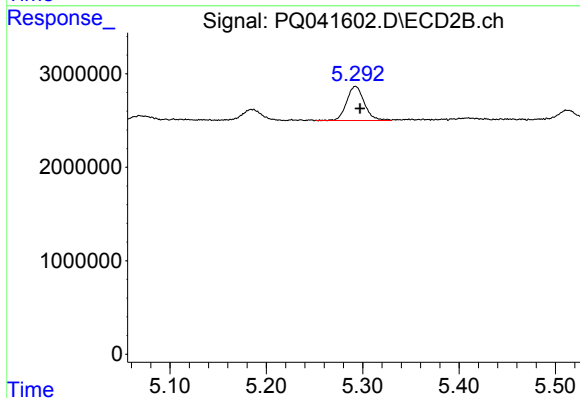
R.T.: 5.187 min
Delta R.T.: -0.007 min
Response: 1618174
Conc: 51.13 ng/ml



#10 AR-1221-3

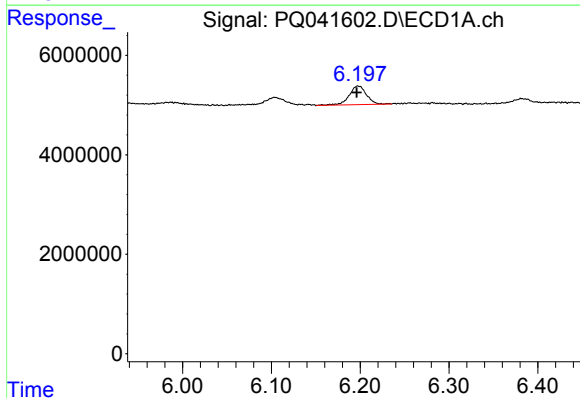
R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 5079893
Conc: 42.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



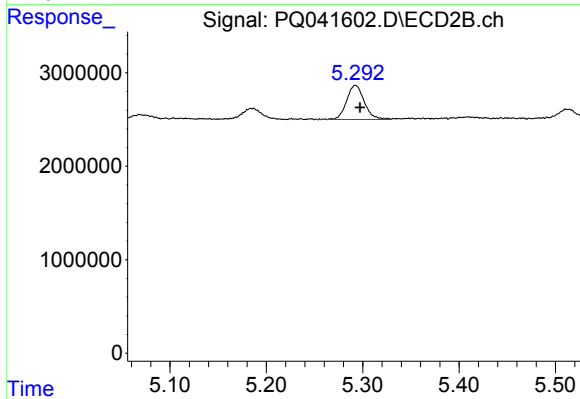
#10 AR-1221-3

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 4645826
Conc: 43.85 ng/ml



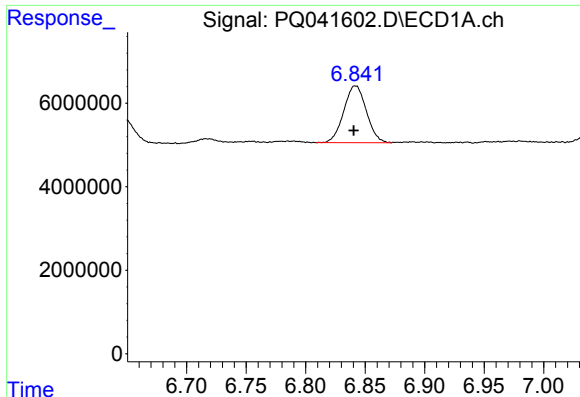
#11 AR-1232-1

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 5079893
Conc: 56.62 ng/ml



#11 AR-1232-1

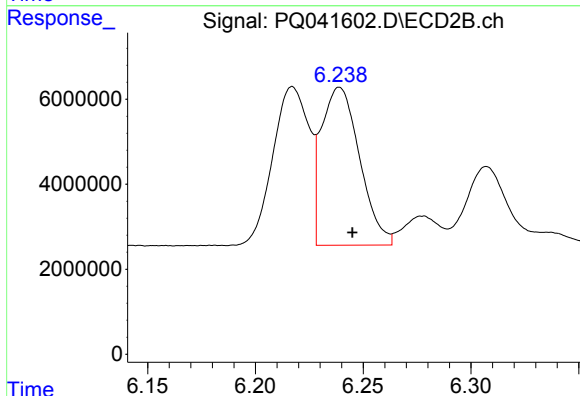
R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 4645826
Conc: 61.24 ng/ml



#12 AR-1232-2

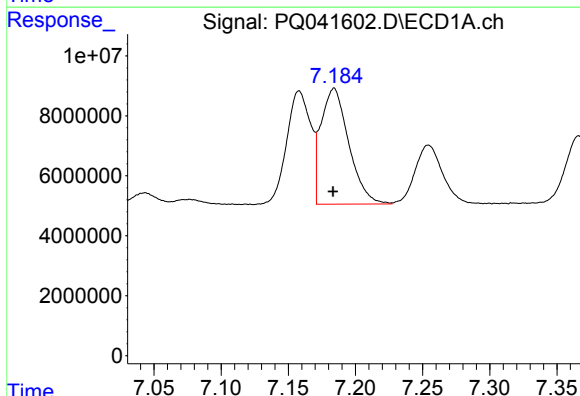
R.T.: 6.842 min
Delta R.T.: 0.001 min
Response: 17986017
Conc: 364.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



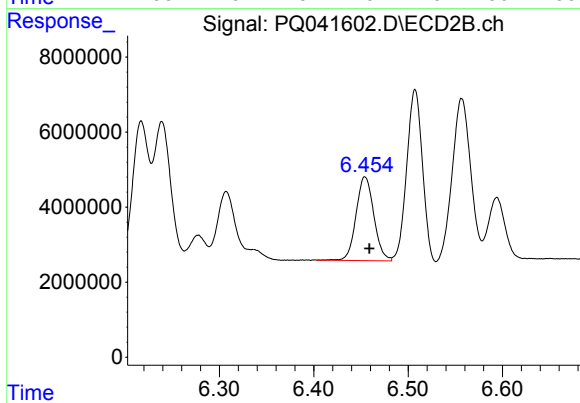
#12 AR-1232-2

R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 45904396
Conc: 491.37 ng/ml



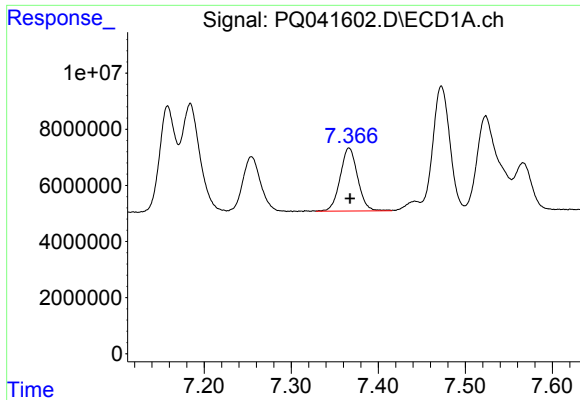
#13 AR-1232-3

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 55782646
Conc: 492.86 ng/ml



#13 AR-1232-3

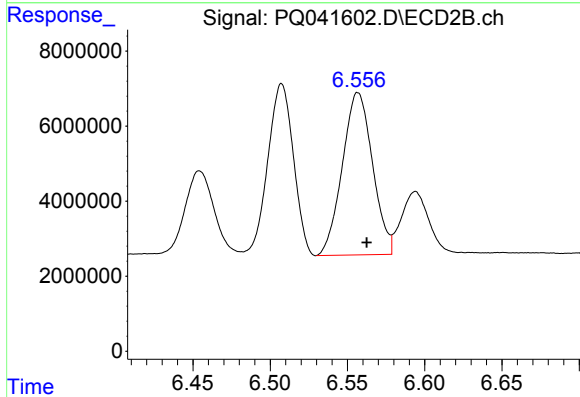
R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 29316119
Conc: 609.06 ng/ml



#14 AR-1232-4

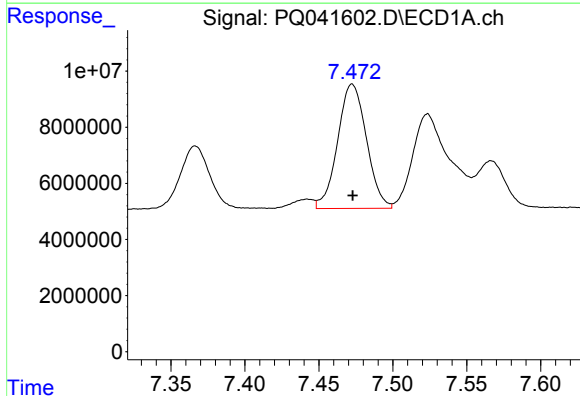
R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 31299103
Conc: 529.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



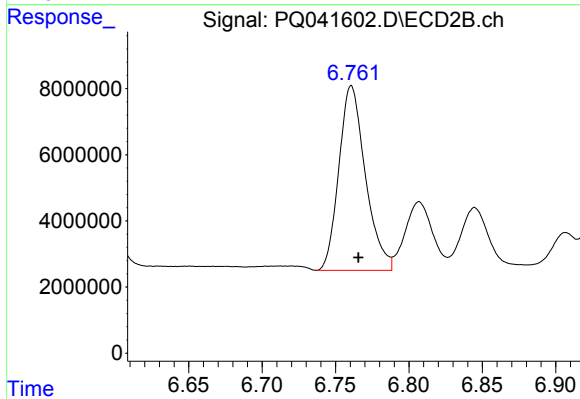
#14 AR-1232-4

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 58895346
Conc: 1366.02 ng/ml



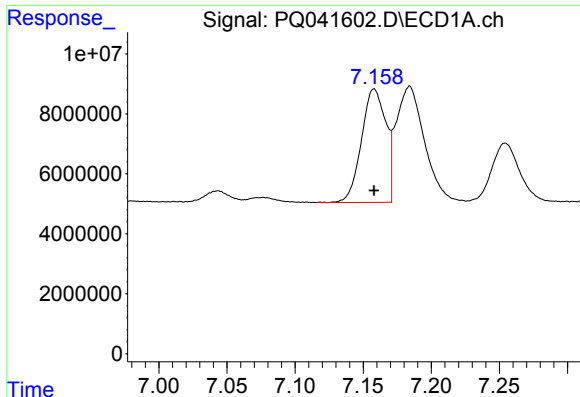
#15 AR-1232-5

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 60051093
Conc: 1627.18 ng/ml



#15 AR-1232-5

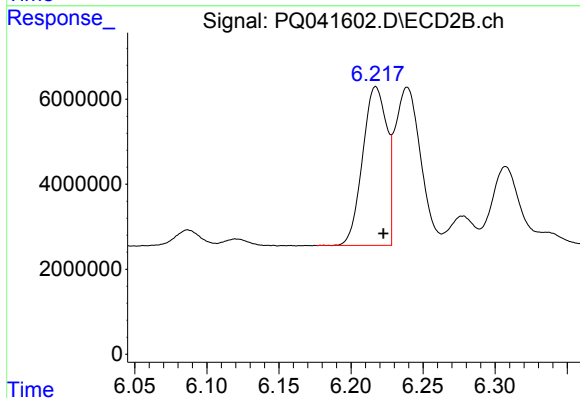
R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 70137553
Conc: 1449.97 ng/ml



#16 AR-1242-1

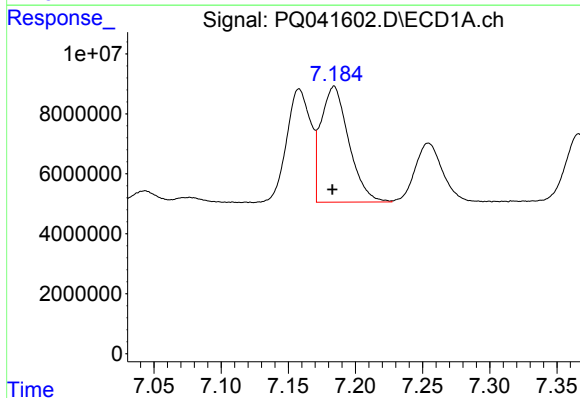
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 47214831
Conc: 376.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



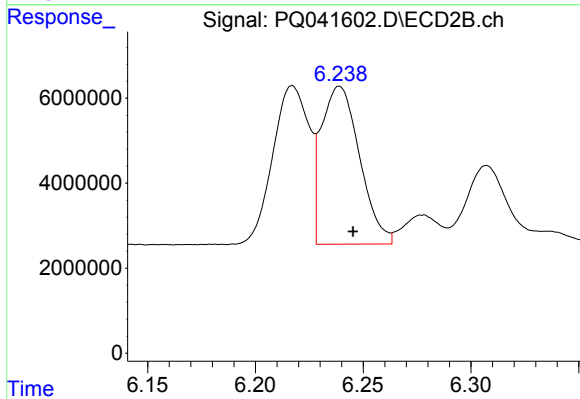
#16 AR-1242-1

R.T.: 6.217 min
Delta R.T.: -0.005 min
Response: 43691466
Conc: 413.99 ng/ml



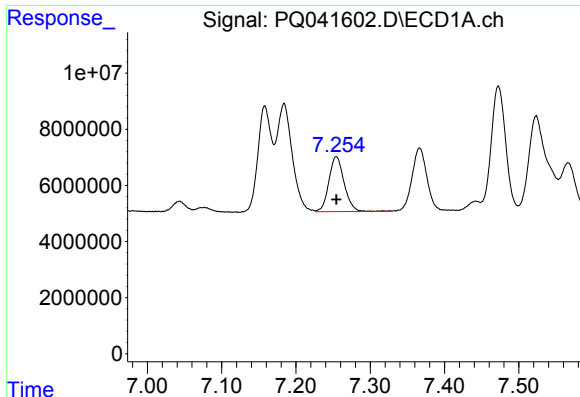
#17 AR-1242-2

R.T.: 7.184 min
Delta R.T.: 0.001 min
Response: 55782646
Conc: 292.92 ng/ml



#17 AR-1242-2

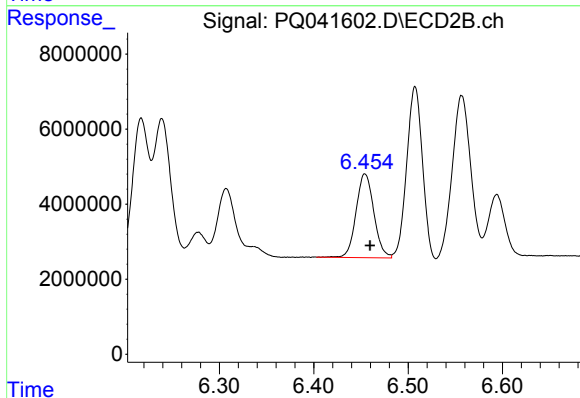
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 45904396
Conc: 296.03 ng/ml



#18 AR-1242-3

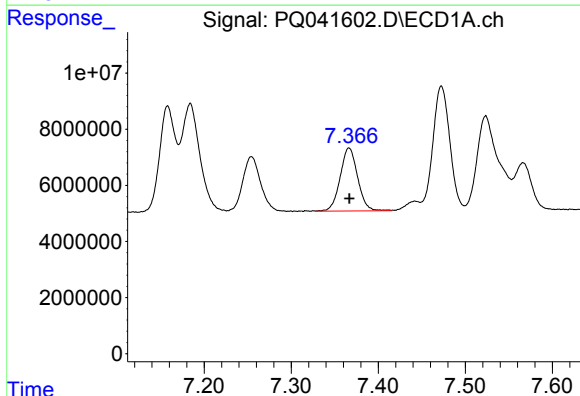
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 27808816
Conc: 235.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



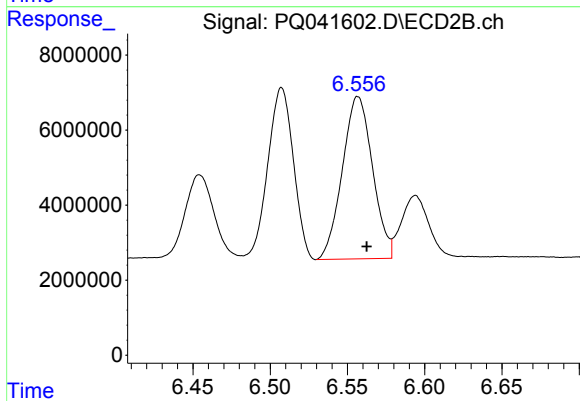
#18 AR-1242-3

R.T.: 6.454 min
Delta R.T.: -0.005 min
Response: 29316119
Conc: 351.29 ng/ml



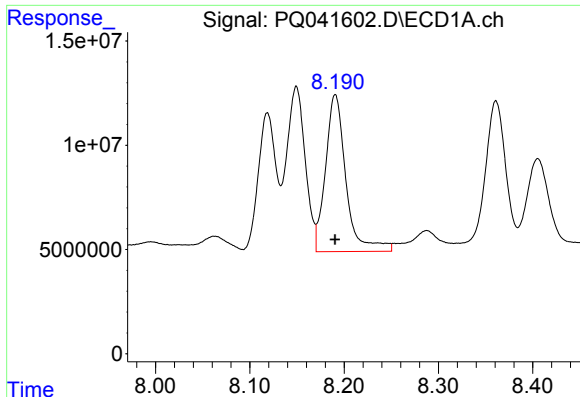
#19 AR-1242-4

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 31299103
Conc: 319.32 ng/ml



#19 AR-1242-4

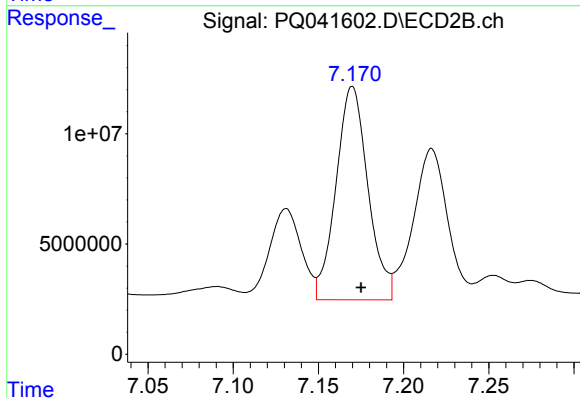
R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 58895346
Conc: 723.09 ng/ml



#20 AR-1242-5

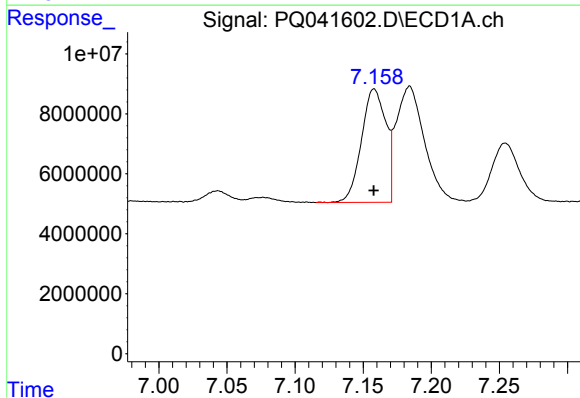
R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 113683541
Conc: 857.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



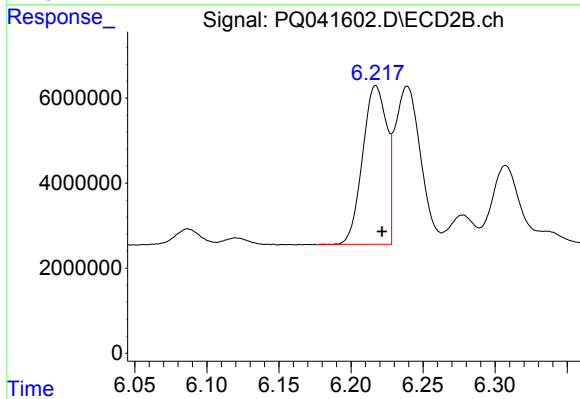
#20 AR-1242-5

R.T.: 7.170 min
Delta R.T.: -0.005 min
Response: 126318350
Conc: 1011.93 ng/ml



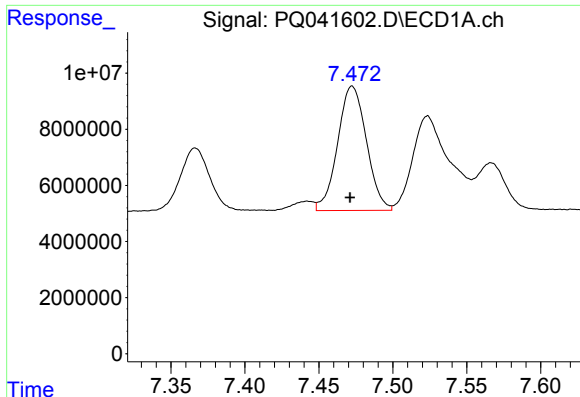
#21 AR-1248-1

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 47214831
Conc: 509.01 ng/ml



#21 AR-1248-1

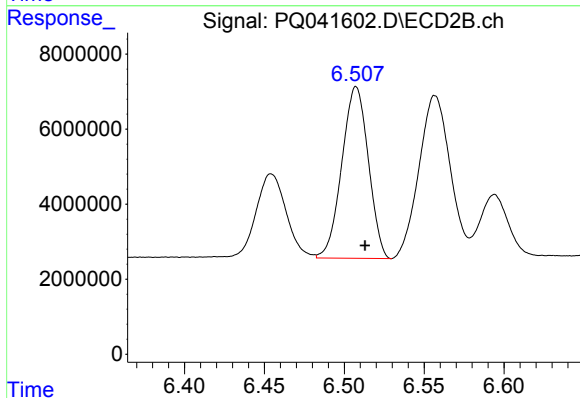
R.T.: 6.217 min
Delta R.T.: -0.005 min
Response: 43691466
Conc: 543.98 ng/ml



#22 AR-1248-2

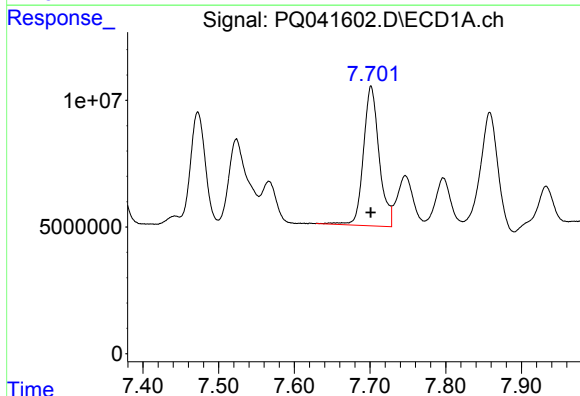
R.T.: 7.473 min
Delta R.T.: 0.001 min
Response: 60051093
Conc: 487.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



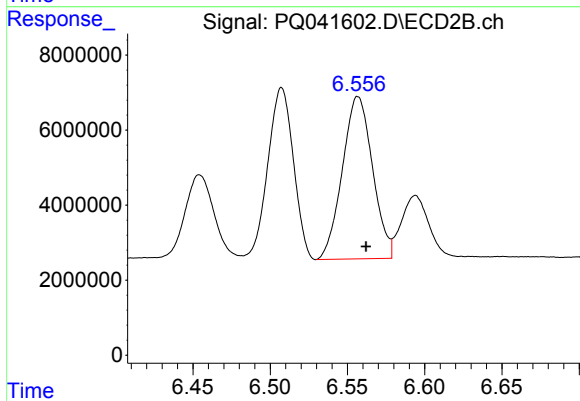
#22 AR-1248-2

R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 52870139
Conc: 471.99 ng/ml



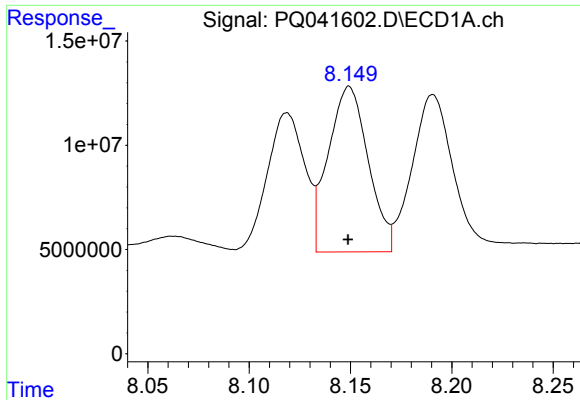
#23 AR-1248-3

R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 79440781
Conc: 505.88 ng/ml



#23 AR-1248-3

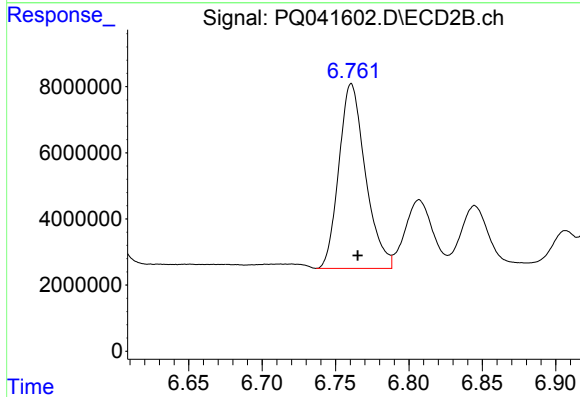
R.T.: 6.557 min
Delta R.T.: -0.005 min
Response: 58895346
Conc: 510.24 ng/ml



#24 AR-1248-4

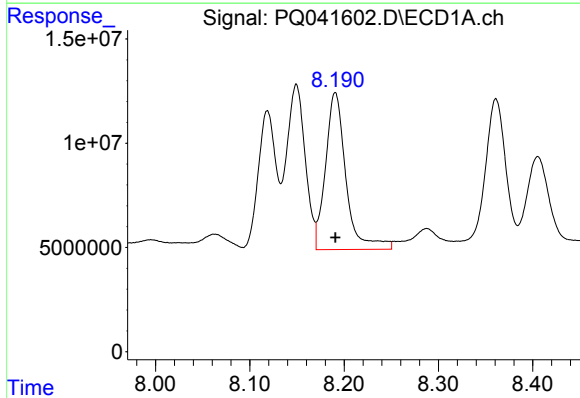
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 108697909
Conc: 503.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



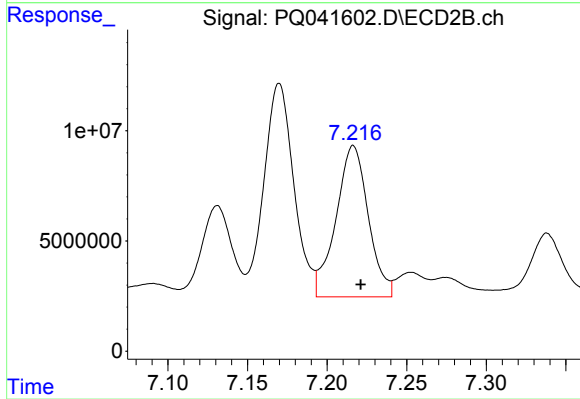
#24 AR-1248-4

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 70137553
Conc: 484.52 ng/ml



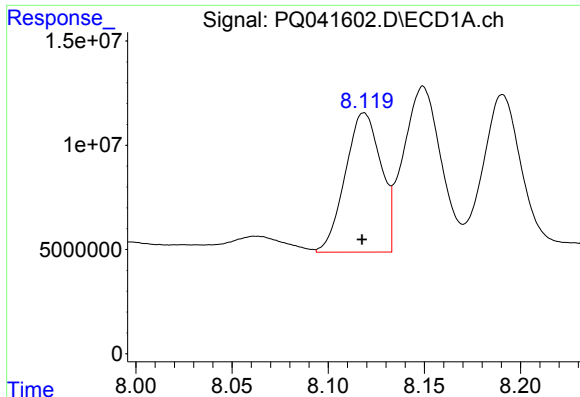
#25 AR-1248-5

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 113683541
Conc: 533.83 ng/ml



#25 AR-1248-5

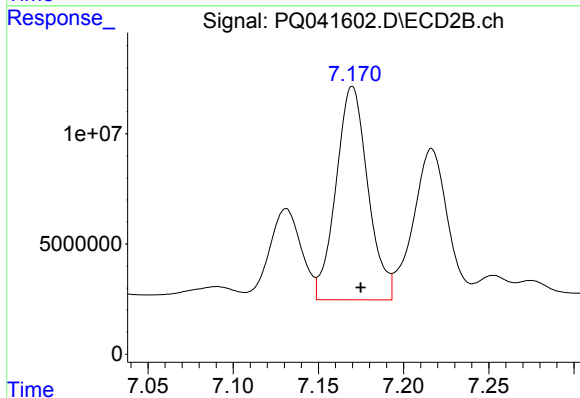
R.T.: 7.216 min
Delta R.T.: -0.005 min
Response: 97083946
Conc: 576.91 ng/ml



#26 AR-1254-1

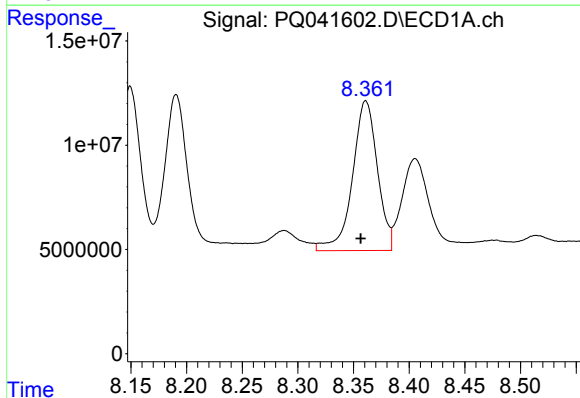
R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 86227623
Conc: 425.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



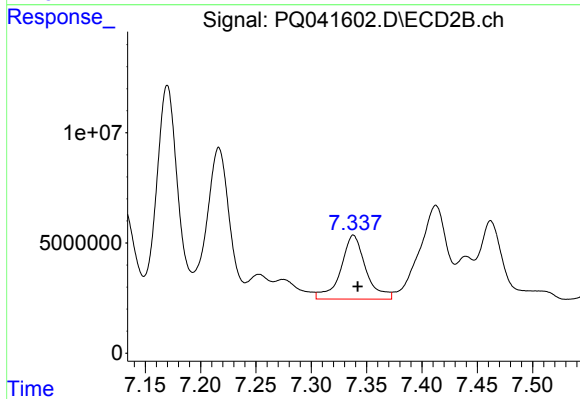
#26 AR-1254-1

R.T.: 7.170 min
Delta R.T.: -0.005 min
Response: 126318350
Conc: 496.72 ng/ml



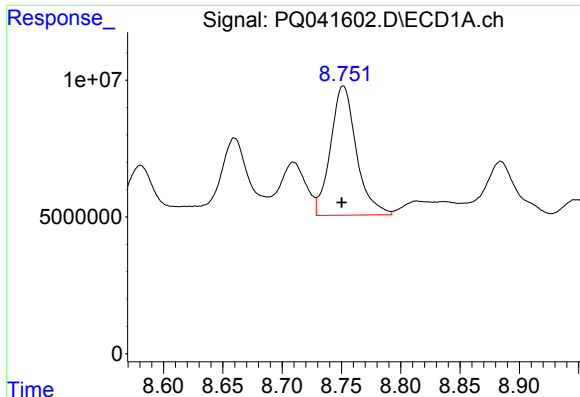
#27 AR-1254-2

R.T.: 8.361 min
Delta R.T.: 0.005 min
Response: 112249766
Conc: 324.99 ng/ml



#27 AR-1254-2

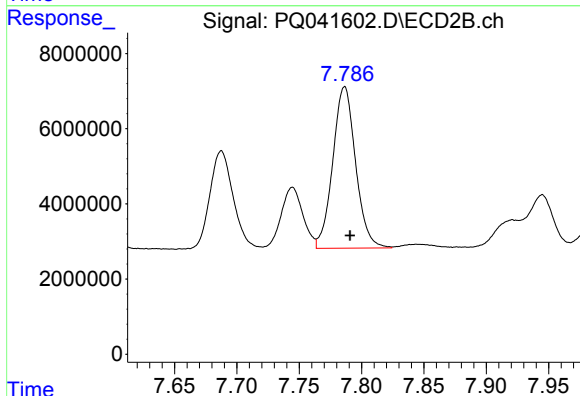
R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 45496250
Conc: 198.86 ng/ml



#28 AR-1254-3

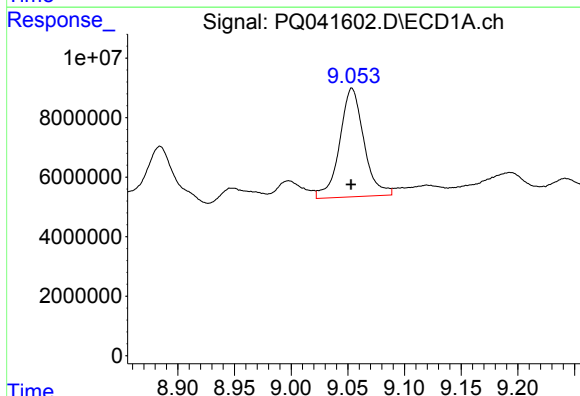
R.T.: 8.752 min
Delta R.T.: 0.001 min
Response: 71669181
Conc: 172.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



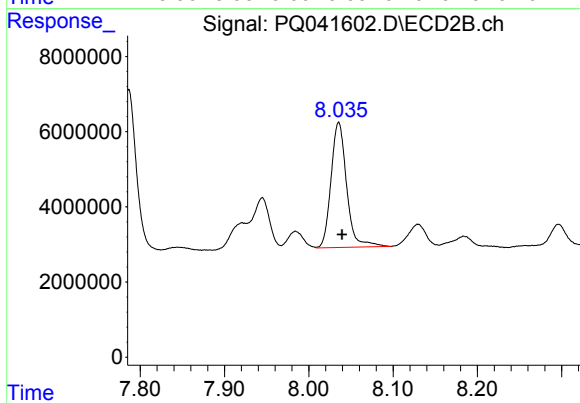
#28 AR-1254-3

R.T.: 7.786 min
Delta R.T.: -0.004 min
Response: 54881743
Conc: 135.21 ng/ml



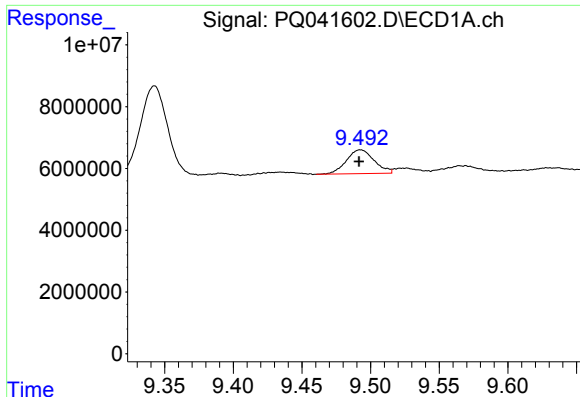
#29 AR-1254-4

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 54262767
Conc: 149.93 ng/ml



#29 AR-1254-4

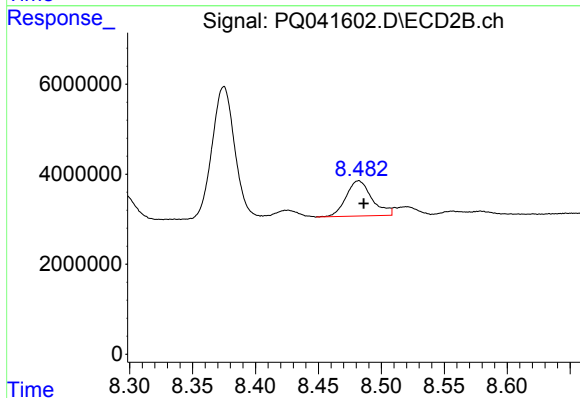
R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 42827873
Conc: 156.77 ng/ml



#30 AR-1254-5

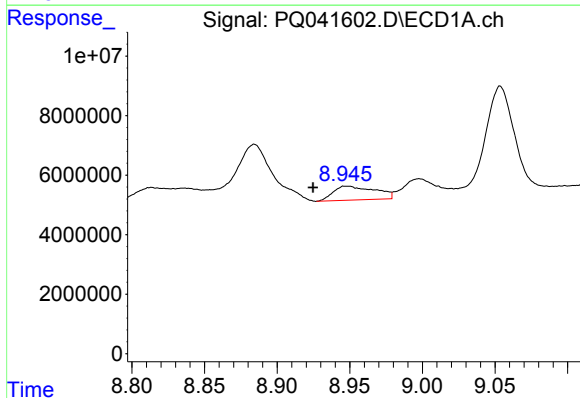
R.T.: 9.493 min
Delta R.T.: 0.001 min
Response: 10856807
Conc: 27.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



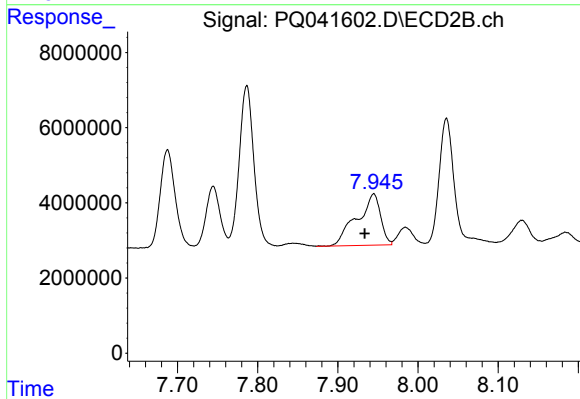
#30 AR-1254-5

R.T.: 8.482 min
Delta R.T.: -0.004 min
Response: 11256846
Conc: 28.19 ng/ml



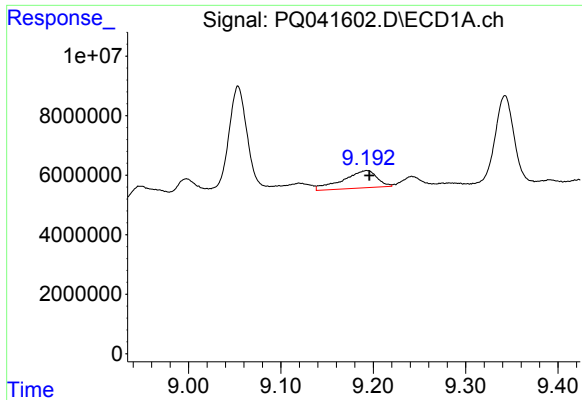
#31 AR-1260-1

R.T.: 8.948 min
Delta R.T.: 0.023 min
Response: 9369510
Conc: 31.01 ng/ml



#31 AR-1260-1

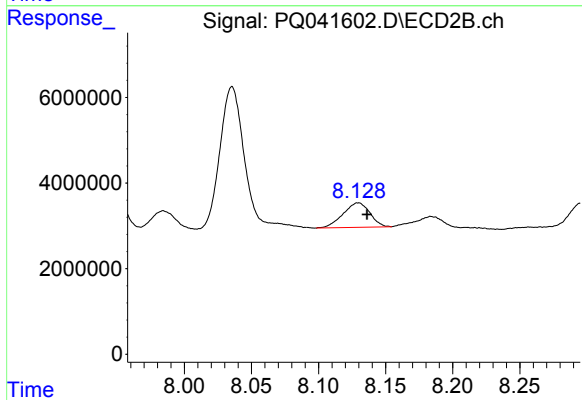
R.T.: 7.945 min
Delta R.T.: 0.011 min
Response: 28089098
Conc: 105.62 ng/ml



#32 AR-1260-2

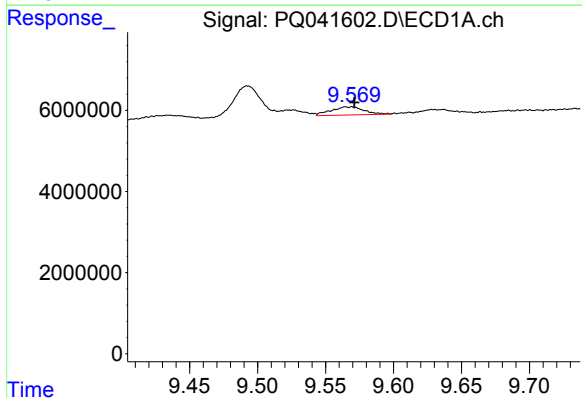
R.T.: 9.193 min
Delta R.T.: -0.003 min
Response: 14939518
Conc: 32.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



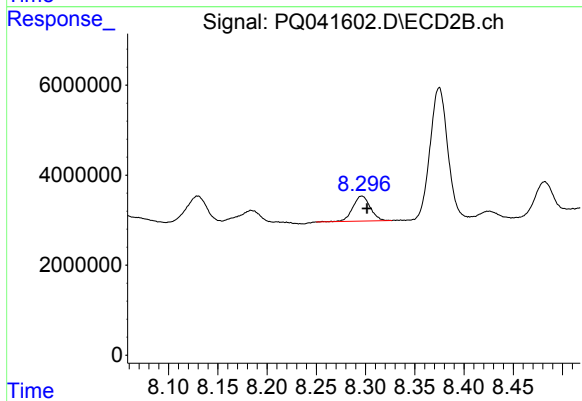
#32 AR-1260-2

R.T.: 8.130 min
Delta R.T.: -0.006 min
Response: 7969245
Conc: 21.96 ng/ml



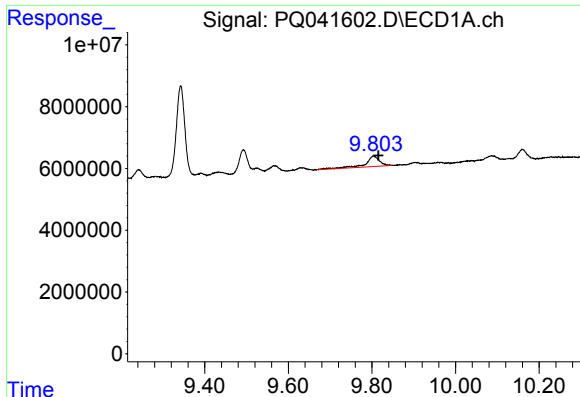
#33 AR-1260-3

R.T.: 9.568 min
Delta R.T.: -0.003 min
Response: 3444247
Conc: 8.11 ng/ml



#33 AR-1260-3

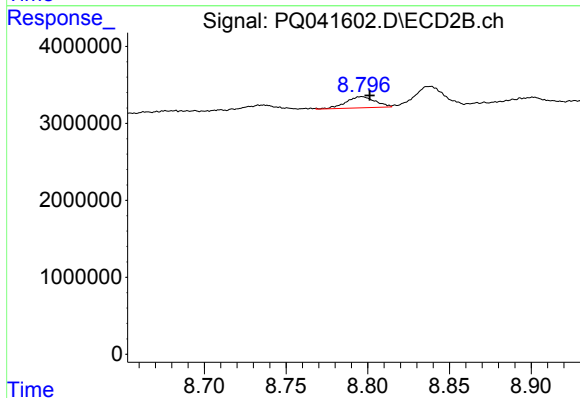
R.T.: 8.296 min
Delta R.T.: -0.005 min
Response: 6923093
Conc: 22.05 ng/ml



#34 AR-1260-4

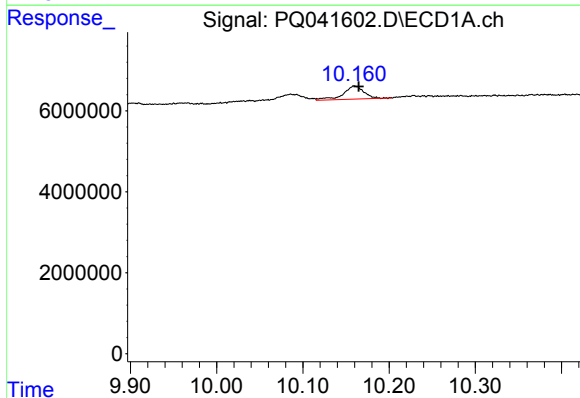
R.T.: 9.804 min
Delta R.T.: -0.012 min
Response: 7994441
Conc: 18.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



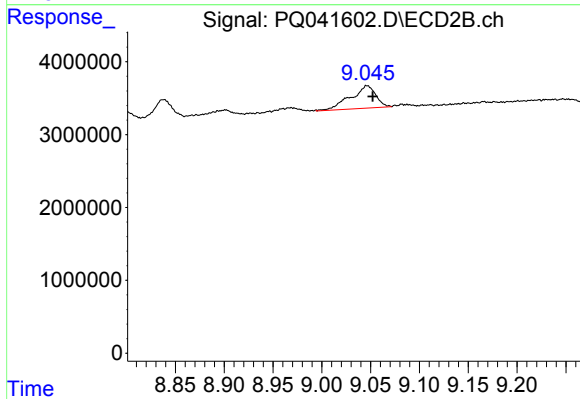
#34 AR-1260-4

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 1797508
Conc: 6.31 ng/ml



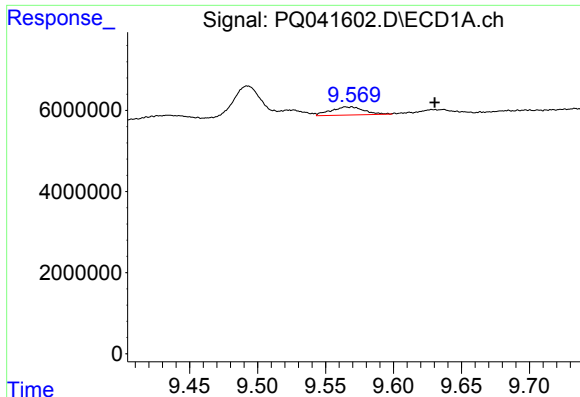
#35 AR-1260-5

R.T.: 10.160 min
Delta R.T.: -0.005 min
Response: 5404261
Conc: 5.06 ng/ml



#35 AR-1260-5

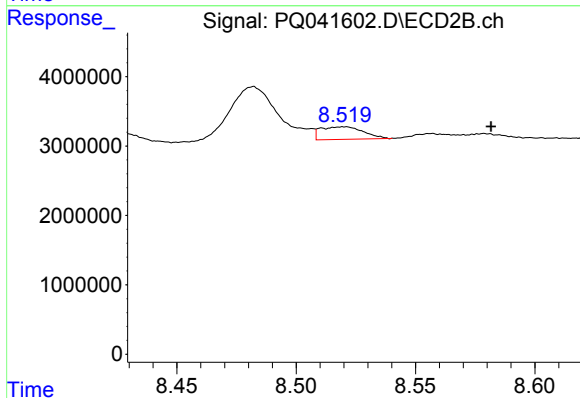
R.T.: 9.046 min
Delta R.T.: -0.006 min
Response: 5514073
Conc: 7.42 ng/ml



#36 AR-1262-1

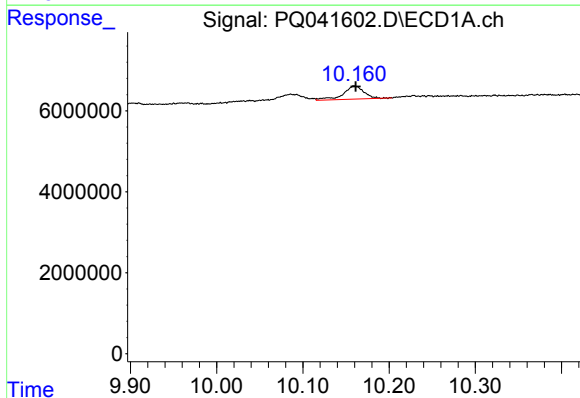
R.T.: 9.568 min
Delta R.T.: -0.062 min
Response: 3444247
Conc: 14.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



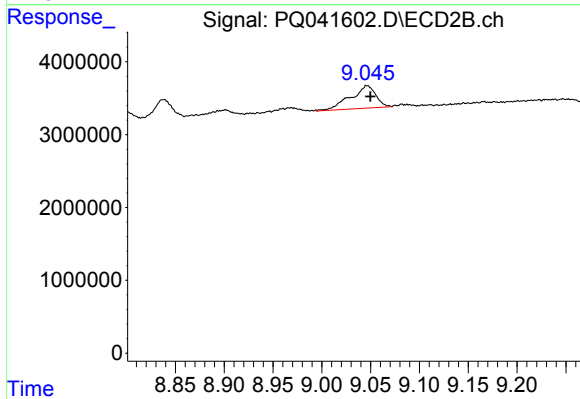
#36 AR-1262-1

R.T.: 8.520 min
Delta R.T.: -0.062 min
Response: 2284797
Conc: 11.88 ng/ml



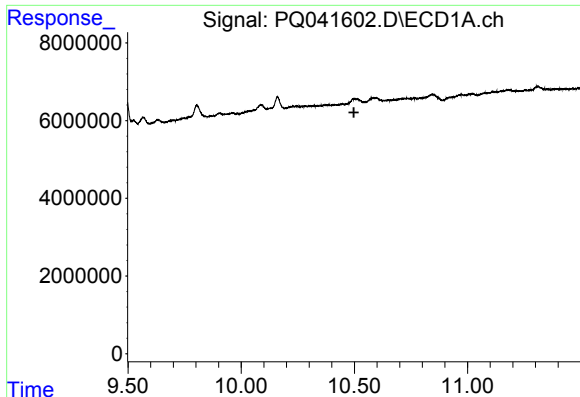
#37 AR-1262-2

R.T.: 10.160 min
Delta R.T.: -0.001 min
Response: 5404261
Conc: 4.45 ng/ml



#37 AR-1262-2

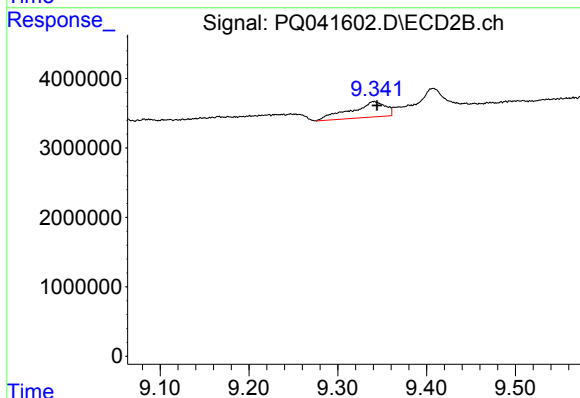
R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 5514073
Conc: 6.56 ng/ml



#38 AR-1262-3

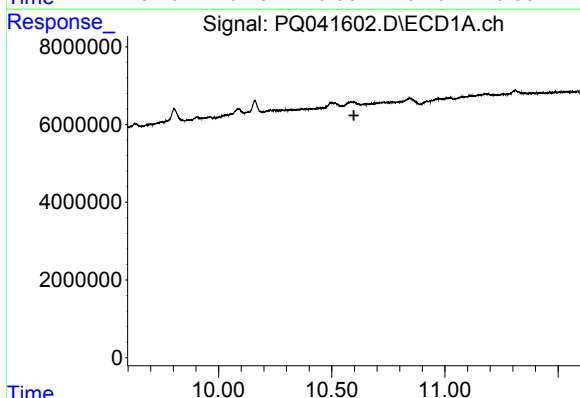
R.T.: 0.000 min
Exp R.T.: 10.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



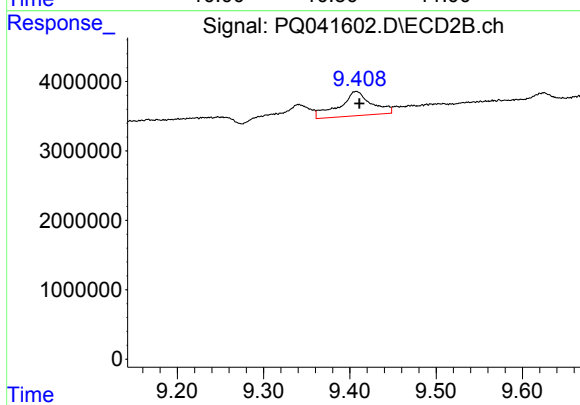
#38 AR-1262-3

R.T.: 9.341 min
Delta R.T.: -0.004 min
Response: 6102651
Conc: 17.35 ng/ml



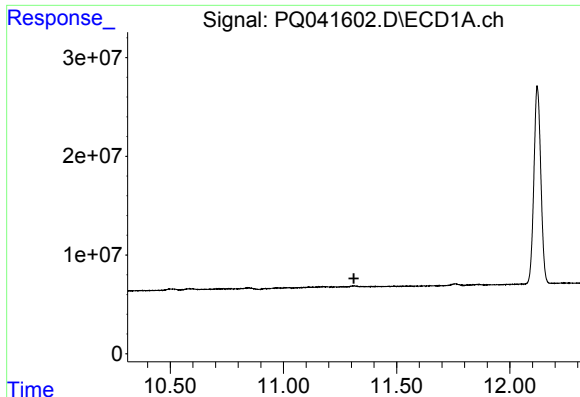
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 10.598 min
Response: 0
Conc: N.D.



#39 AR-1262-4

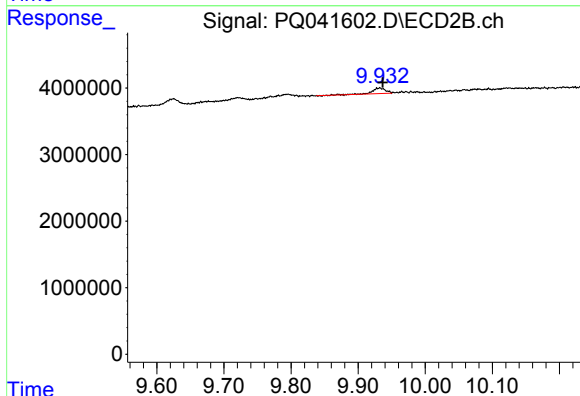
R.T.: 9.407 min
Delta R.T.: -0.004 min
Response: 9109834
Conc: 15.50 ng/ml



#40 AR-1262-5

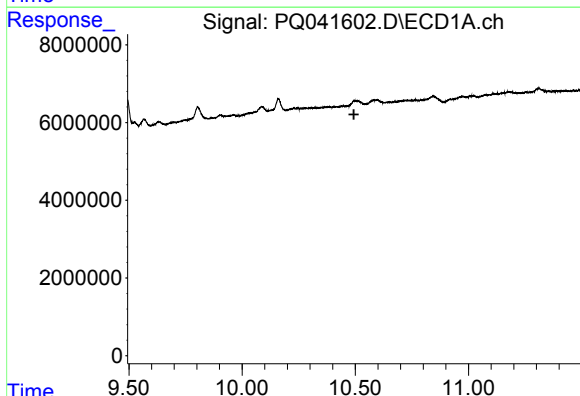
R.T.: 0.000 min
Exp R.T.: 11.311 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



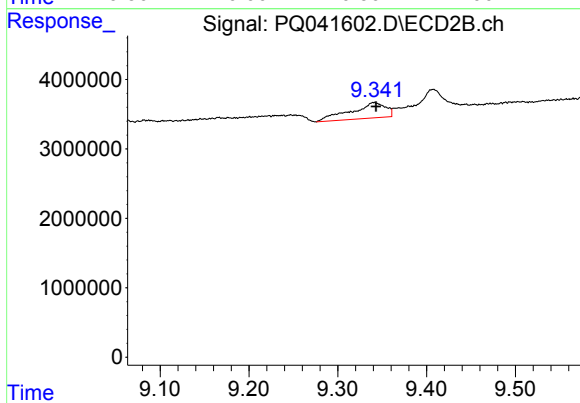
#40 AR-1262-5

R.T.: 9.932 min
Delta R.T.: -0.004 min
Response: 1180477
Conc: 4.92 ng/ml



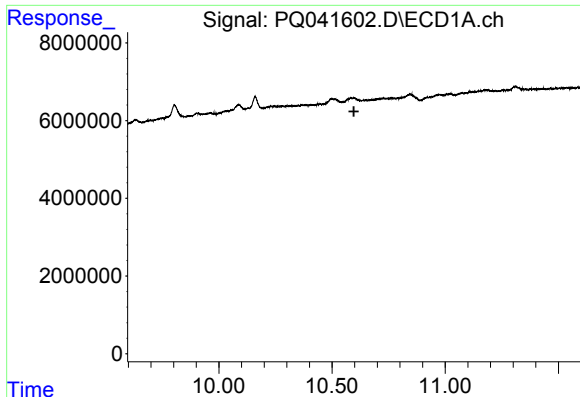
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 10.494 min
Response: 0
Conc: N.D.



#41 AR-1268-1

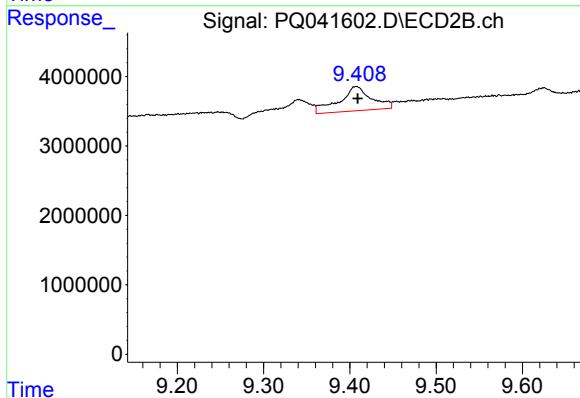
R.T.: 9.341 min
Delta R.T.: -0.002 min
Response: 6102651
Conc: 5.34 ng/ml



#42 AR-1268-2

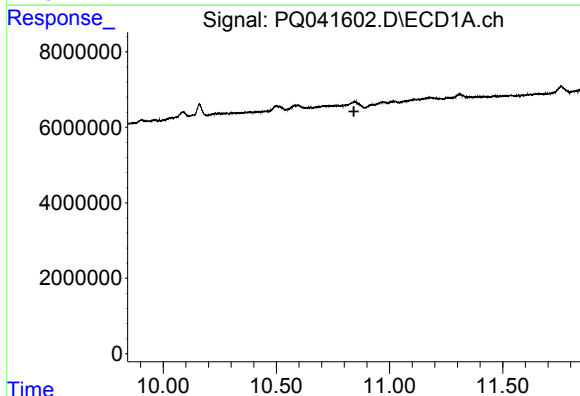
R.T.: 0.000 min
Exp R.T.: 10.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



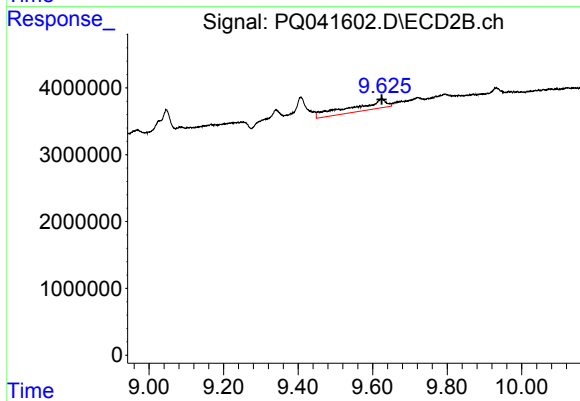
#42 AR-1268-2

R.T.: 9.407 min
Delta R.T.: -0.002 min
Response: 9109834
Conc: 9.37 ng/ml



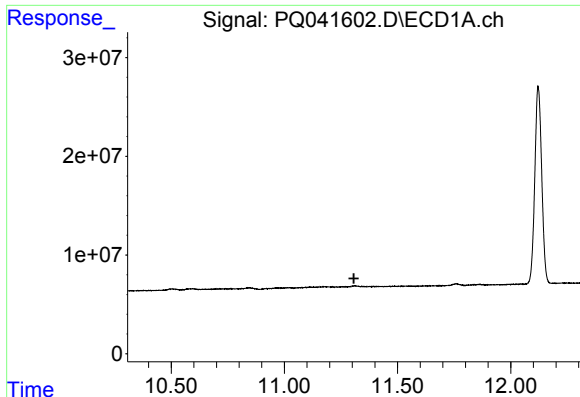
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.



#43 AR-1268-3

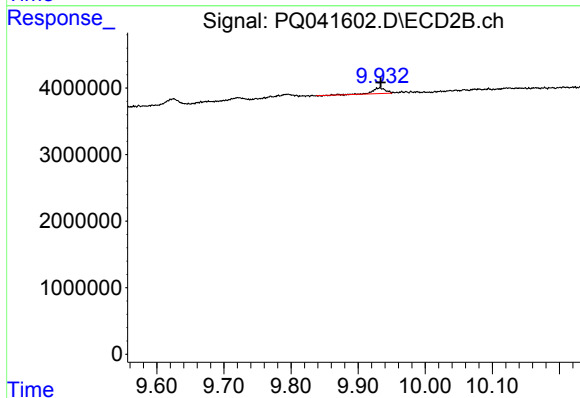
R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 9430462
Conc: 11.81 ng/ml



#44 AR-1268-4

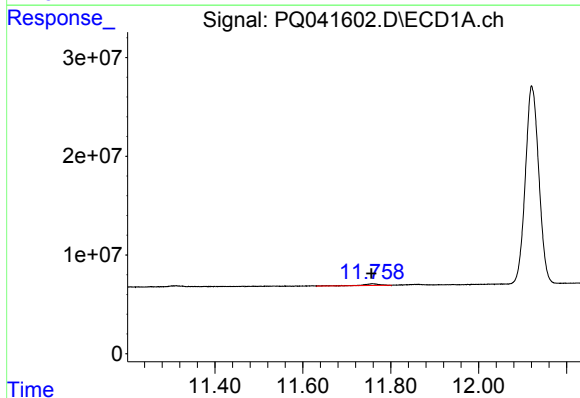
R.T.: 0.000 min
Exp R.T.: 11.307 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



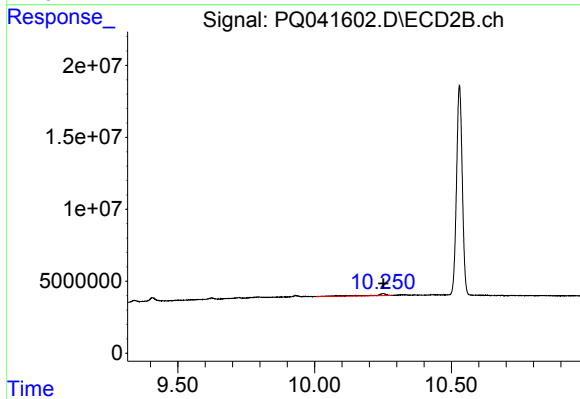
#44 AR-1268-4

R.T.: 9.932 min
Delta R.T.: -0.001 min
Response: 1180477
Conc: 3.85 ng/ml



#45 AR-1268-5

R.T.: 11.758 min
Delta R.T.: 0.002 min
Response: 4471775
Conc: 1.03 ng/ml



#45 AR-1268-5

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 4464012
Conc: 2.26 ng/ml