

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 23:19
 Operator : SM\AJ
 Sample : K3020-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 00:35:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.606	4.739	74680090	46675878	22.797	21.732
2)	SA Decachlor...	11.926	10.465	161.6E6	81201178	22.617	19.529
Target Compounds							
3)	L1 AR-1016-1	7.112	6.201	21212068	2036820	126.796	15.878 #
4)	L1 AR-1016-2	7.112	6.201	21212068	2036820	80.684	10.553 #
5)	L1 AR-1016-3	7.174	6.411	6011360	-2615938	35.220	N.D. #
6)	L1 AR-1016-4	7.226	6.476	39589696	5563605	286.417	65.340 #
7)	L1 AR-1016-5	7.647	6.753	19687203	14840030	141.916	128.887
8)	L2 AR-1221-1	0.000	5.037	0	890725	N.D.	36.346 #
9)	L2 AR-1221-2	0.000	5.155	0	1132143	N.D.	69.509 #
10)	L2 AR-1221-3	0.000	5.261	0	467226	N.D.	7.684 #
11)	L3 AR-1232-1	0.000	5.261	0	467226	N.D.	10.196 #
12)	L3 AR-1232-2	6.696	6.201	7918474	2036820	199.721	33.955 #
13)	L3 AR-1232-3	7.112	6.411	21212068	-2615938	262.486	N.D. #
14)	L3 AR-1232-4	7.226	6.551	39589696	9104766	947.158	308.132 #
15)	L3 AR-1232-5	7.356	6.753	16141486	14840030	509.316	492.953
16)	L4 AR-1242-1	7.112	6.201	21212068	2036820	218.780	27.544 #
17)	L4 AR-1242-2	7.112	6.201	21212068	2036820	146.778	19.132 #
18)	L4 AR-1242-3	7.174	6.411	6011360	-2615938	64.575	N.D. #
19)	L4 AR-1242-4	7.226	6.551	39589696	9104766	526.385	152.763 #
20)	L4 AR-1242-5	8.107	7.124	28563023	73246800	329.471	908.900 #
21)	L5 AR-1248-1	7.112	6.201	21212068	2036820	274.049	35.347 #
22)	L5 AR-1248-2	7.356	6.476	16141486	5563605	143.312	63.281 #
23)	L5 AR-1248-3	7.647	6.551	19687203	9104766	142.633	100.624 #
24)	L5 AR-1248-4	8.047	6.753	297.8E6	14840030	1972.843	134.385 #
25)	L5 AR-1248-5	8.107	7.185	28563023	18883918	189.714	166.326
26)	L6 AR-1254-1	8.047	7.124	297.8E6	73246800	1707.852	382.418 #
27)	L6 AR-1254-2	8.257	7.301	22548441	8536943	81.534	49.139 #
28)	L6 AR-1254-3	8.659	7.766	49900927	11099750	168.139	38.410 #
29)	L6 AR-1254-4	8.925	8.003	11116531	10703052	53.489	59.945
30)	L6 AR-1254-5	9.401	8.442	16407600	7078895	56.972	27.477 #
31)	L7 AR-1260-1	0.000	7.905	0	15136659	N.D.	55.216 #
32)	L7 AR-1260-2	9.085	8.093	7617051	3889098	18.856	11.243 #
33)	L7 AR-1260-3	9.401	8.257	16407600	1616109	49.737	5.039 #
34)	L7 AR-1260-4	0.000	8.754	0	1245711	N.D.	4.585 #
35)	L7 AR-1260-5	0.000	9.009	0	5253386	N.D.	7.815 #
36)	L8 AR-1262-1	0.000	8.535	0	1602227	N.D.	14.111 #
37)	L8 AR-1262-2	0.000	9.009	0	5253386	N.D.	10.589 #
39)	L8 AR-1262-4	0.000	9.366	0	2716832	N.D.	7.176 #
40)	L8 AR-1262-5	0.000	9.889	0	1352600	N.D.	8.343 #
42)	L9 AR-1268-2	0.000	9.366	0	2716832	N.D.	6.214 #
43)	L9 AR-1268-3	0.000	9.574	0	850492	N.D.	2.266 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 23:19
 Operator : SM\AJ
 Sample : K3020-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

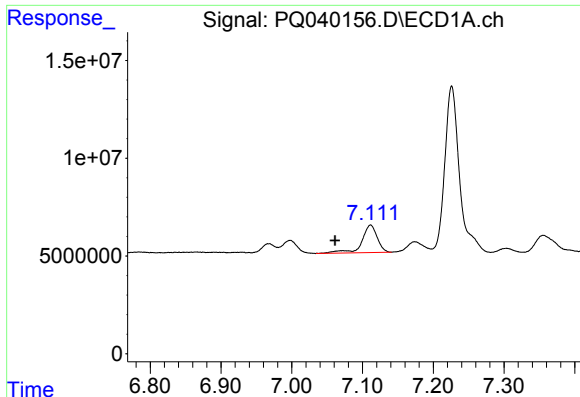
Instrument :
 ECD_Q
 ClientSampleId :
 ETMM3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 00:35:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	0.000	9.889	0	1352600	N.D.	9.817 #
45) L9	AR-1268-5	0.000	10.199	0	1953750	N.D.	1.655 #

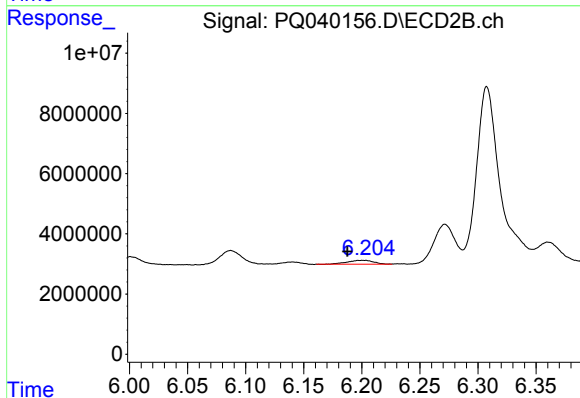
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

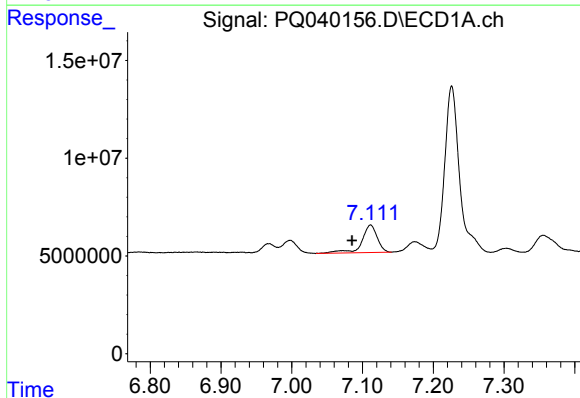
R.T.: 7.112 min
Delta R.T.: 0.050 min
Response: 21212068
Conc: 126.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



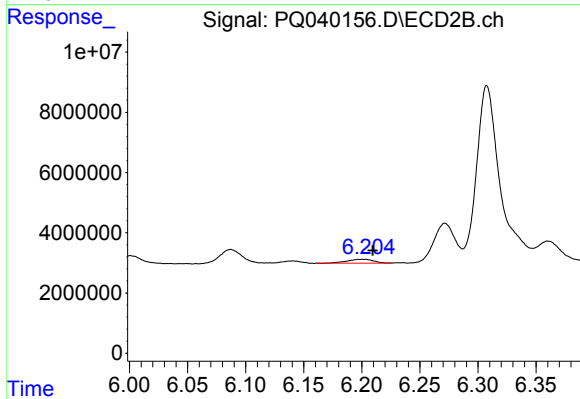
#3 AR-1016-1

R.T.: 6.201 min
Delta R.T.: 0.013 min
Response: 2036820
Conc: 15.88 ng/ml



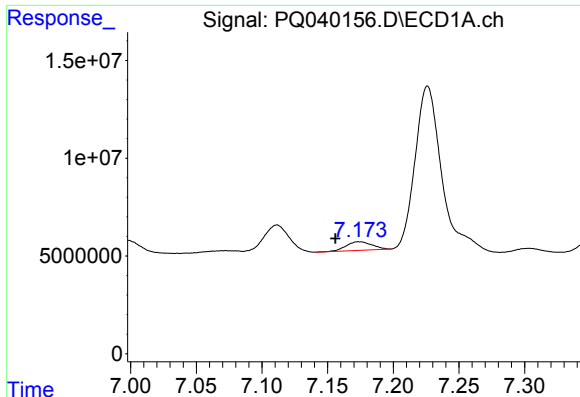
#4 AR-1016-2

R.T.: 7.112 min
Delta R.T.: 0.026 min
Response: 21212068
Conc: 80.68 ng/ml



#4 AR-1016-2

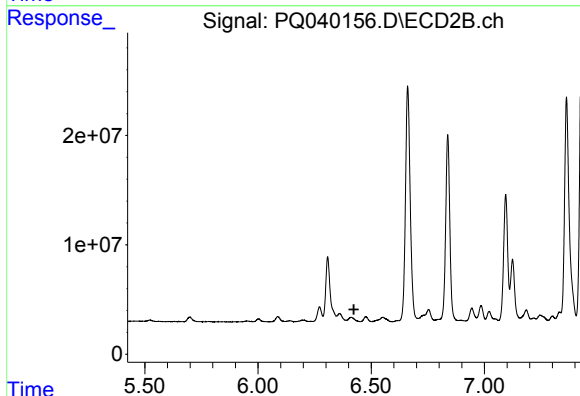
R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 2036820
Conc: 10.55 ng/ml



#5 AR-1016-3

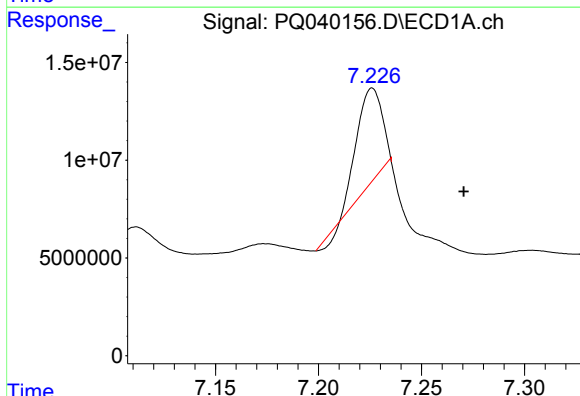
R.T.: 7.174 min
Delta R.T.: 0.018 min
Response: 6011360
Conc: 35.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



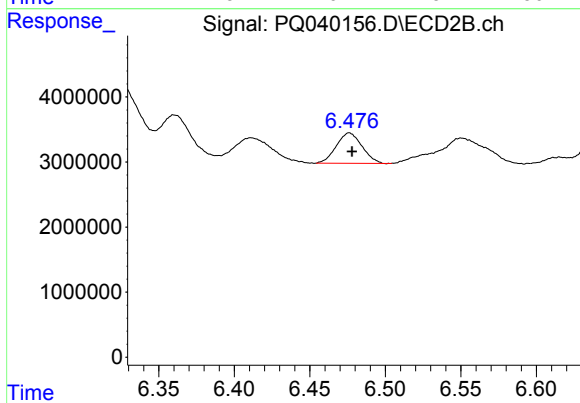
#5 AR-1016-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: -2615938
Conc: N.D.



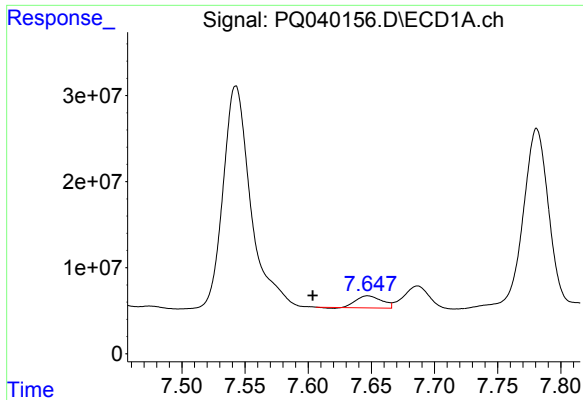
#6 AR-1016-4

R.T.: 7.226 min
Delta R.T.: -0.044 min
Response: 39589696
Conc: 286.42 ng/ml



#6 AR-1016-4

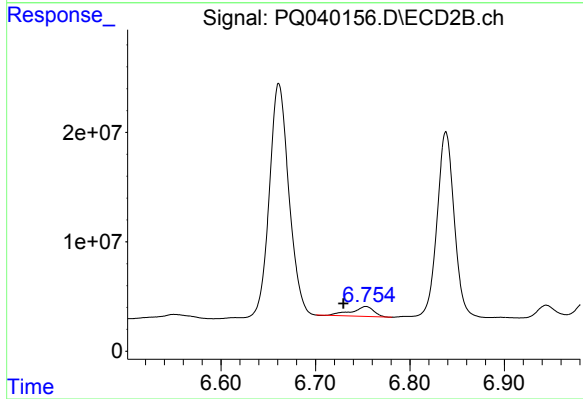
R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 5563605
Conc: 65.34 ng/ml



#7 AR-1016-5

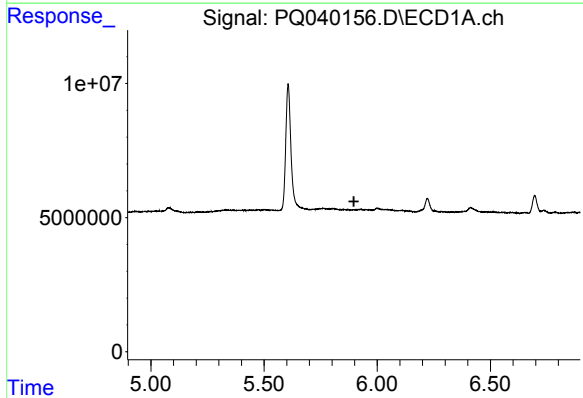
R.T.: 7.647 min
Delta R.T.: 0.043 min
Response: 19687203
Conc: 141.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



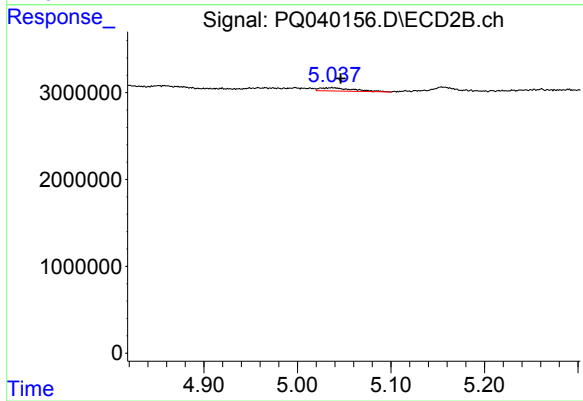
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 14840030
Conc: 128.89 ng/ml



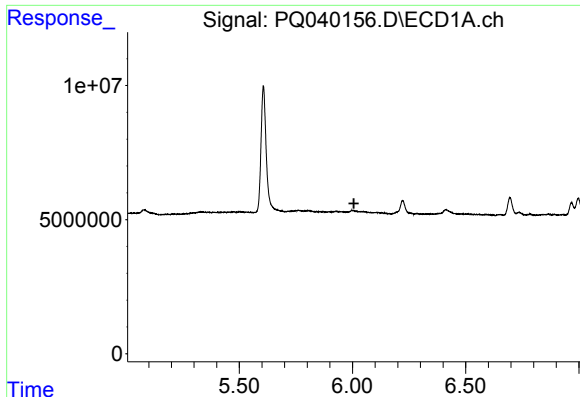
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

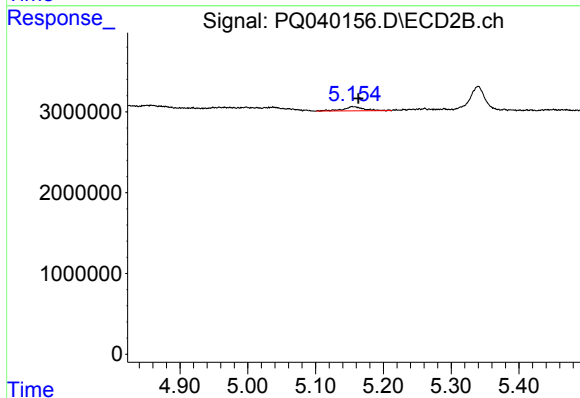
R.T.: 5.037 min
Delta R.T.: -0.009 min
Response: 890725
Conc: 36.35 ng/ml



#9 AR-1221-2

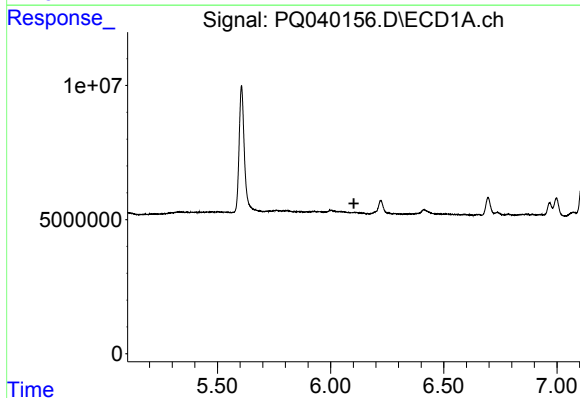
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



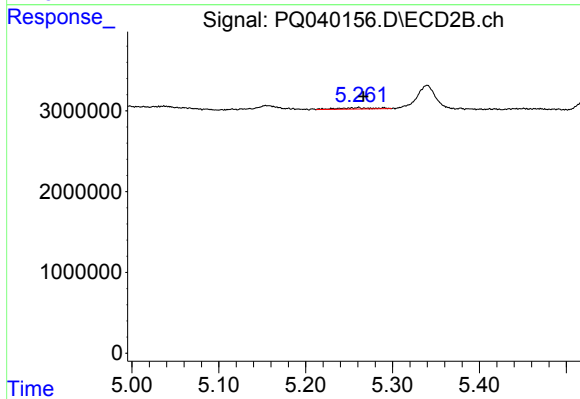
#9 AR-1221-2

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 1132143
Conc: 69.51 ng/ml



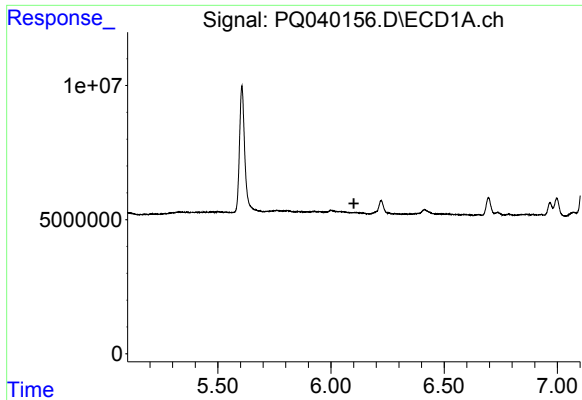
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

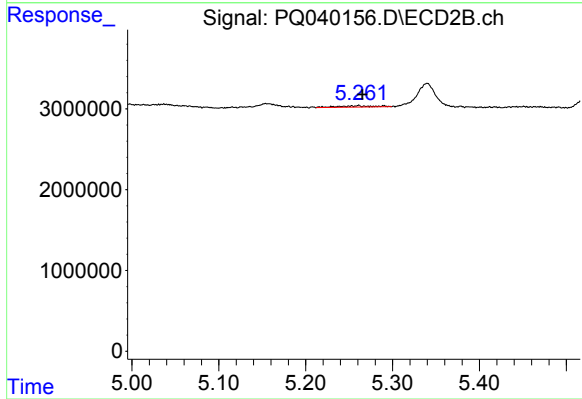
R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 467226
Conc: 7.68 ng/ml



#11 AR-1232-1

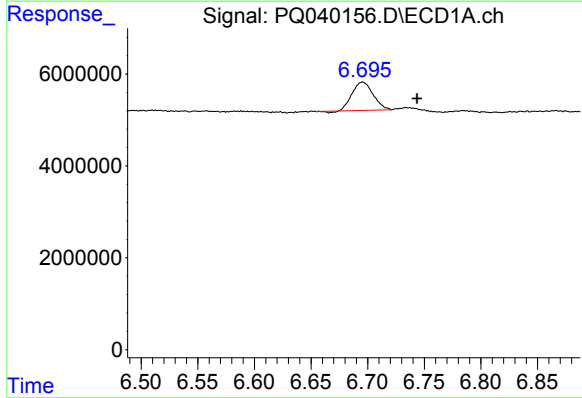
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



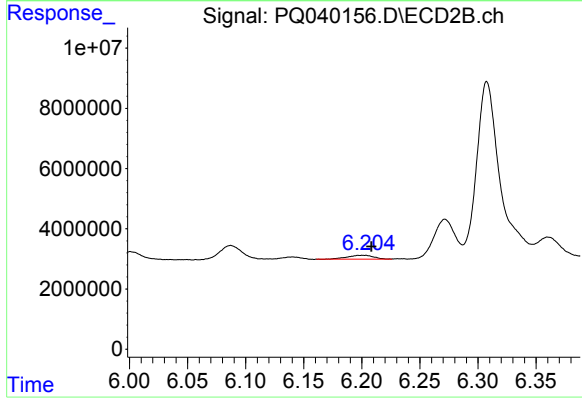
#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 467226
Conc: 10.20 ng/ml



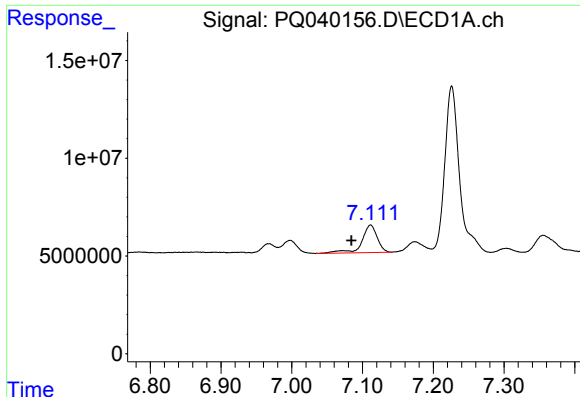
#12 AR-1232-2

R.T.: 6.696 min
Delta R.T.: -0.048 min
Response: 7918474
Conc: 199.72 ng/ml



#12 AR-1232-2

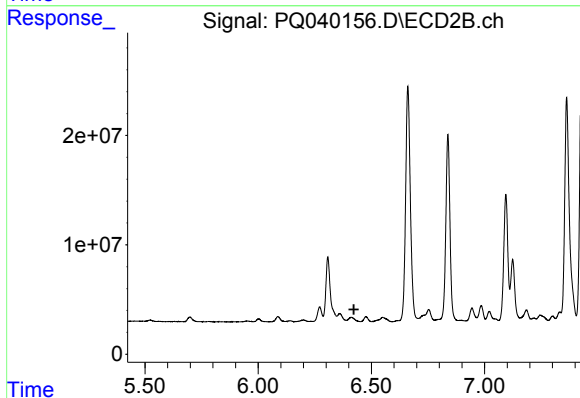
R.T.: 6.201 min
Delta R.T.: -0.008 min
Response: 2036820
Conc: 33.95 ng/ml



#13 AR-1232-3

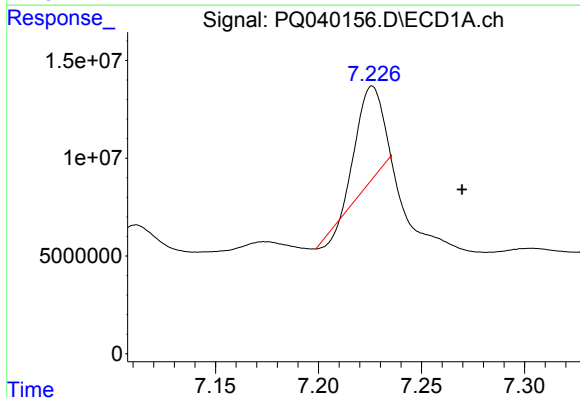
R.T.: 7.112 min
Delta R.T.: 0.027 min
Response: 21212068
Conc: 262.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



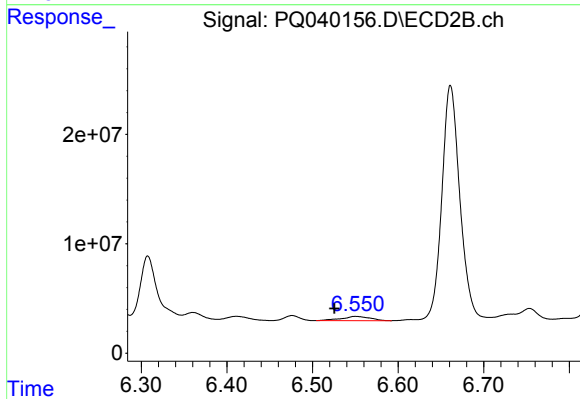
#13 AR-1232-3

R.T.: 6.411 min
Delta R.T.: -0.011 min
Response: -2615938
Conc: N.D.



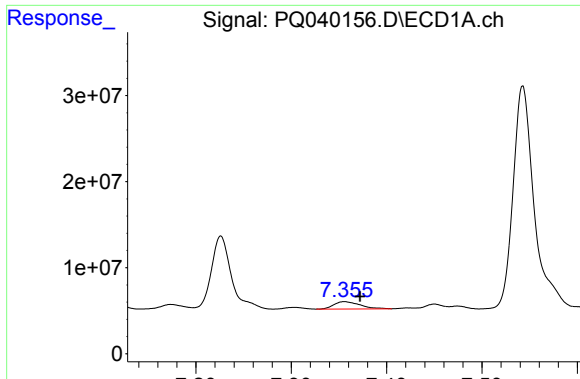
#14 AR-1232-4

R.T.: 7.226 min
Delta R.T.: -0.044 min
Response: 39589696
Conc: 947.16 ng/ml



#14 AR-1232-4

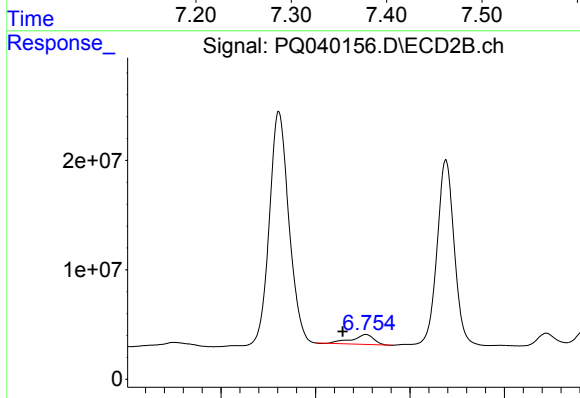
R.T.: 6.551 min
Delta R.T.: 0.025 min
Response: 9104766
Conc: 308.13 ng/ml



#15 AR-1232-5

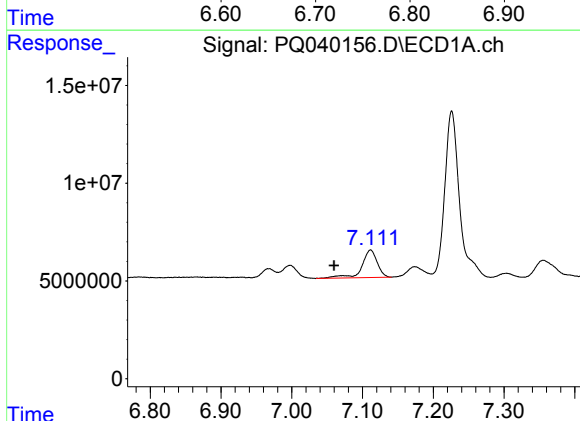
R.T.: 7.356 min
Delta R.T.: -0.017 min
Response: 16141486
Conc: 509.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



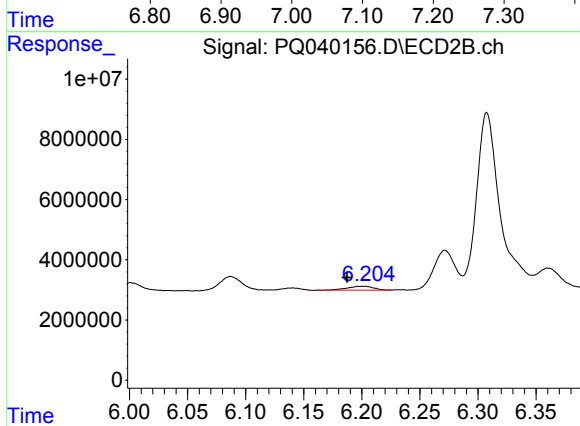
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 14840030
Conc: 492.95 ng/ml



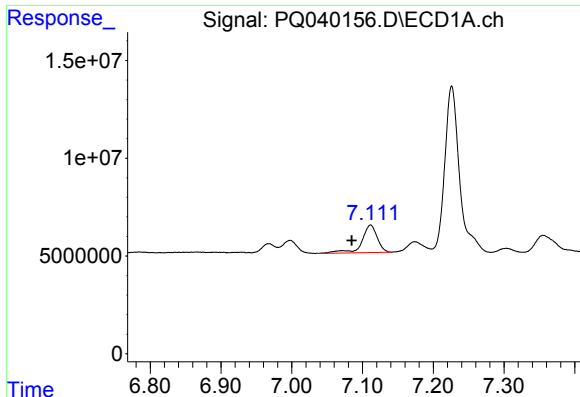
#16 AR-1242-1

R.T.: 7.112 min
Delta R.T.: 0.052 min
Response: 21212068
Conc: 218.78 ng/ml



#16 AR-1242-1

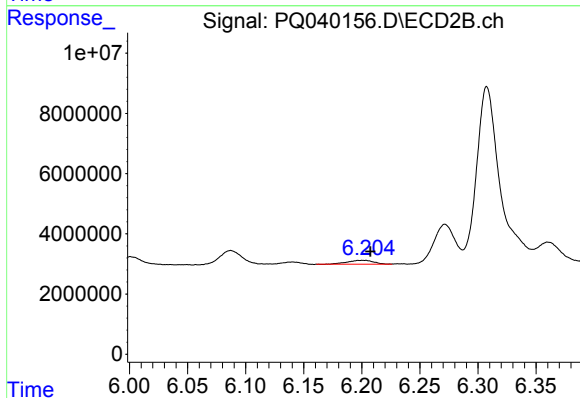
R.T.: 6.201 min
Delta R.T.: 0.013 min
Response: 2036820
Conc: 27.54 ng/ml



#17 AR-1242-2

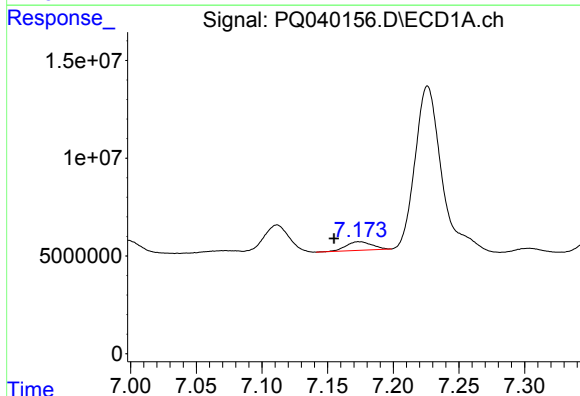
R.T.: 7.112 min
Delta R.T.: 0.027 min
Response: 21212068
Conc: 146.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



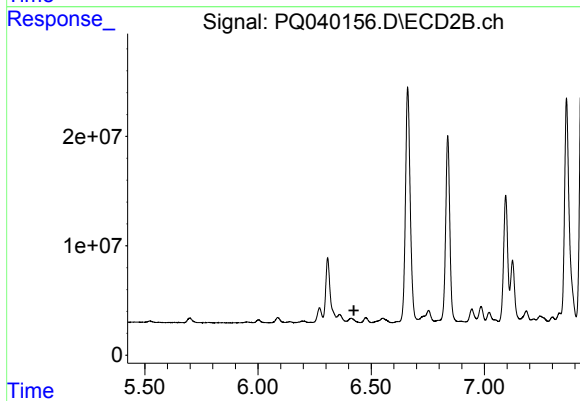
#17 AR-1242-2

R.T.: 6.201 min
Delta R.T.: -0.007 min
Response: 2036820
Conc: 19.13 ng/ml



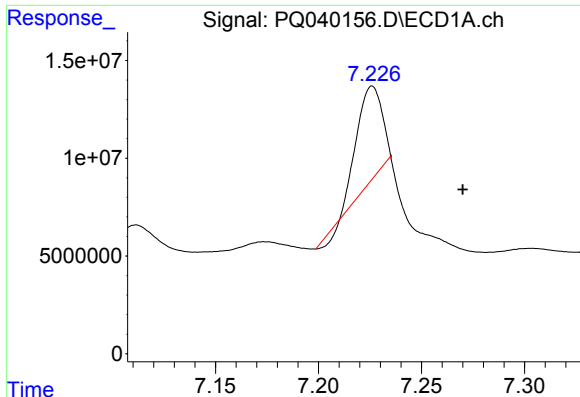
#18 AR-1242-3

R.T.: 7.174 min
Delta R.T.: 0.019 min
Response: 6011360
Conc: 64.58 ng/ml



#18 AR-1242-3

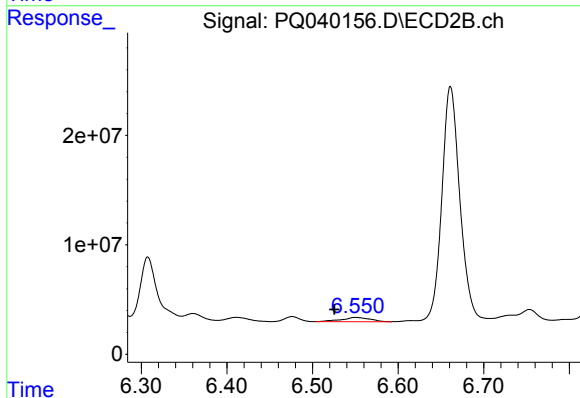
R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: -2615938
Conc: N.D.



#19 AR-1242-4

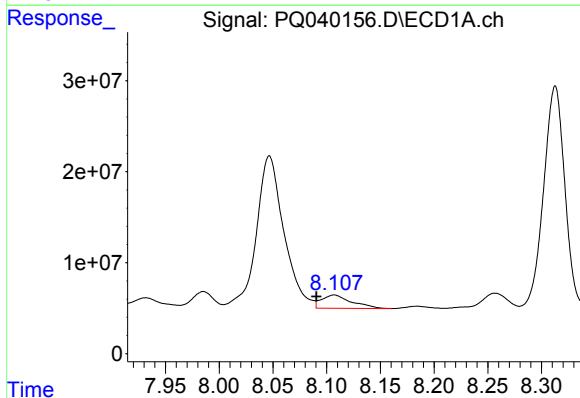
R.T.: 7.226 min
Delta R.T.: -0.044 min
Response: 39589696
Conc: 526.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



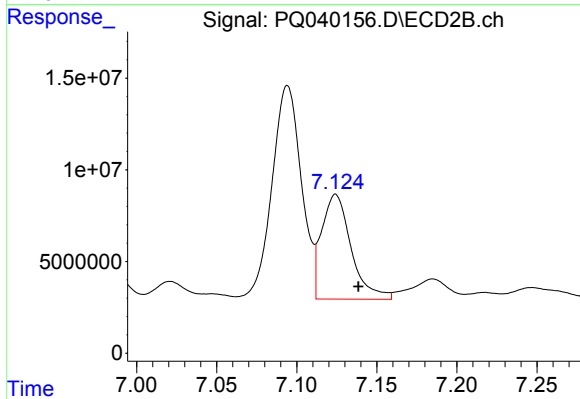
#19 AR-1242-4

R.T.: 6.551 min
Delta R.T.: 0.025 min
Response: 9104766
Conc: 152.76 ng/ml



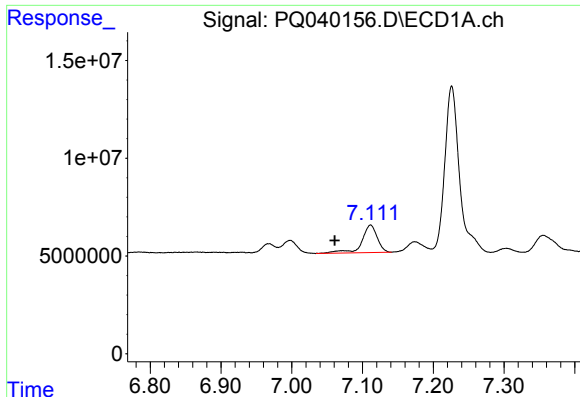
#20 AR-1242-5

R.T.: 8.107 min
Delta R.T.: 0.016 min
Response: 28563023
Conc: 329.47 ng/ml



#20 AR-1242-5

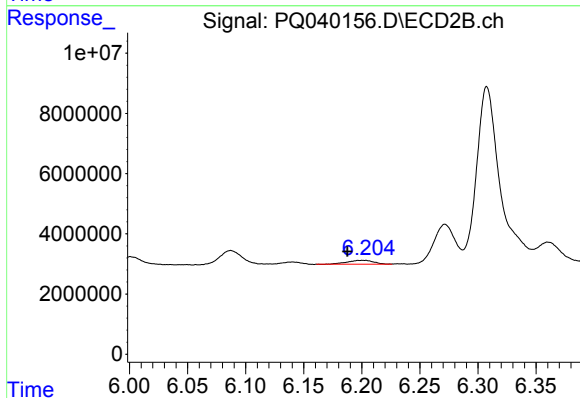
R.T.: 7.124 min
Delta R.T.: -0.014 min
Response: 73246800
Conc: 908.90 ng/ml



#21 AR-1248-1

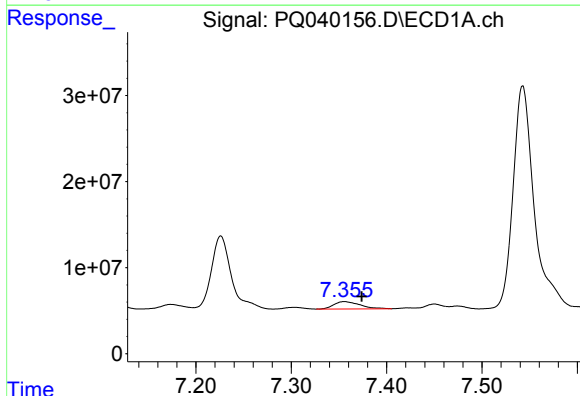
R.T.: 7.112 min
Delta R.T.: 0.051 min
Response: 21212068
Conc: 274.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



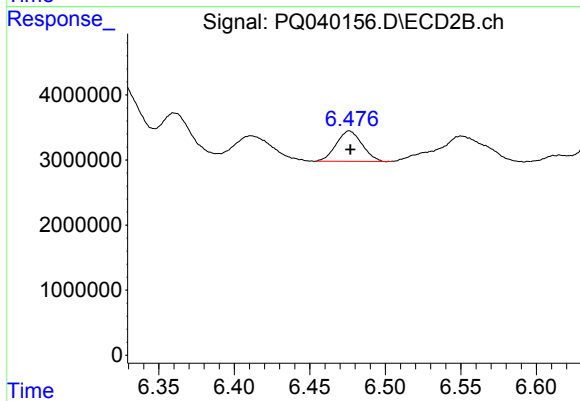
#21 AR-1248-1

R.T.: 6.201 min
Delta R.T.: 0.013 min
Response: 2036820
Conc: 35.35 ng/ml



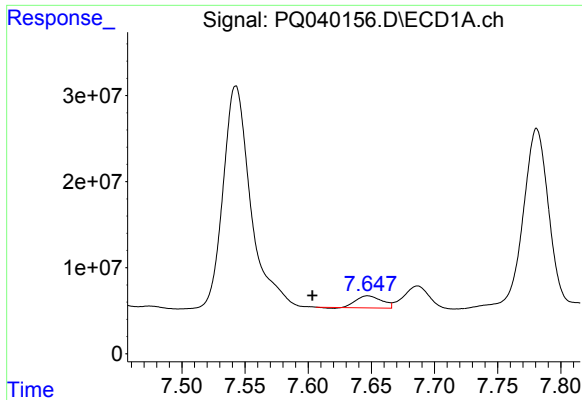
#22 AR-1248-2

R.T.: 7.356 min
Delta R.T.: -0.018 min
Response: 16141486
Conc: 143.31 ng/ml



#22 AR-1248-2

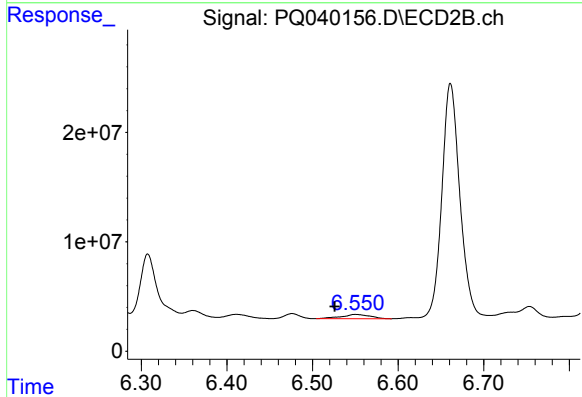
R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 5563605
Conc: 63.28 ng/ml



#23 AR-1248-3

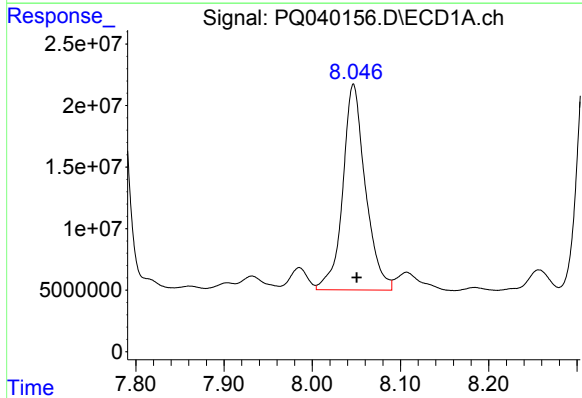
R.T.: 7.647 min
Delta R.T.: 0.044 min
Response: 19687203
Conc: 142.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



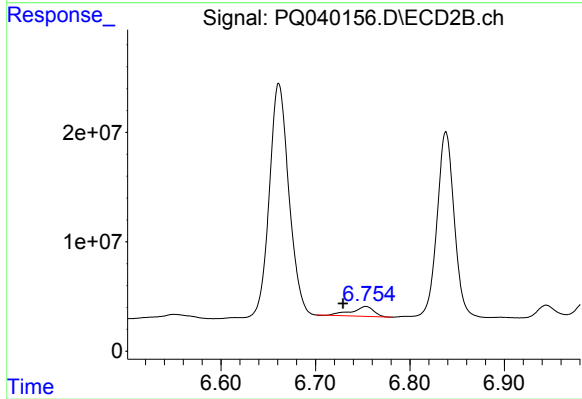
#23 AR-1248-3

R.T.: 6.551 min
Delta R.T.: 0.025 min
Response: 9104766
Conc: 100.62 ng/ml



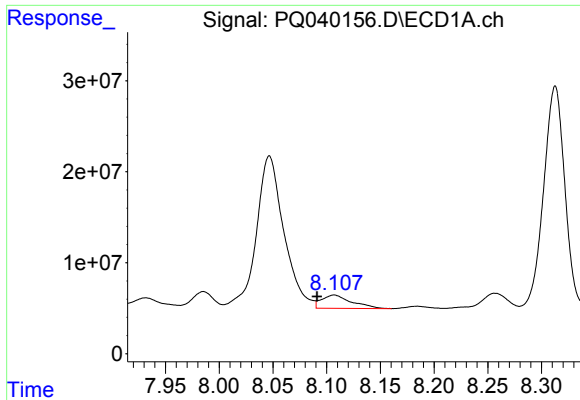
#24 AR-1248-4

R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 297839531
Conc: 1972.84 ng/ml



#24 AR-1248-4

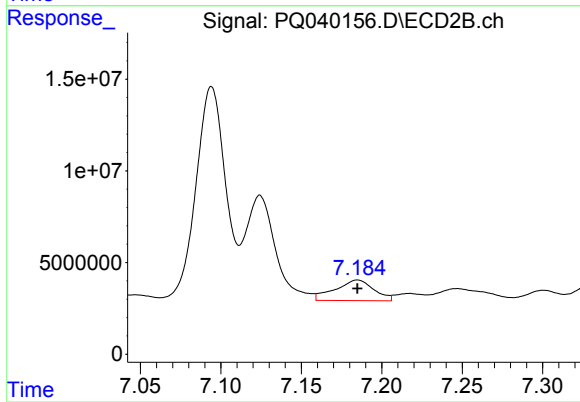
R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 14840030
Conc: 134.38 ng/ml



#25 AR-1248-5

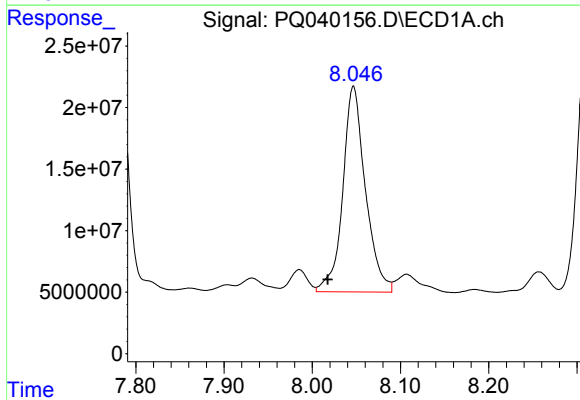
R.T.: 8.107 min
Delta R.T.: 0.016 min
Response: 28563023
Conc: 189.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



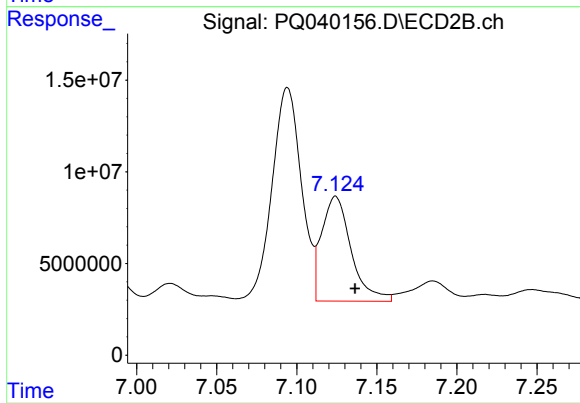
#25 AR-1248-5

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 18883918
Conc: 166.33 ng/ml



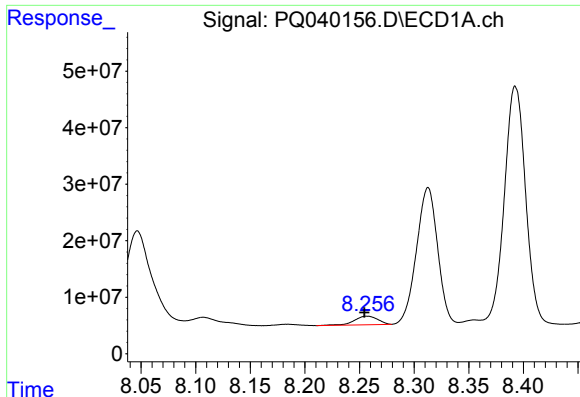
#26 AR-1254-1

R.T.: 8.047 min
Delta R.T.: 0.029 min
Response: 297839531
Conc: 1707.85 ng/ml



#26 AR-1254-1

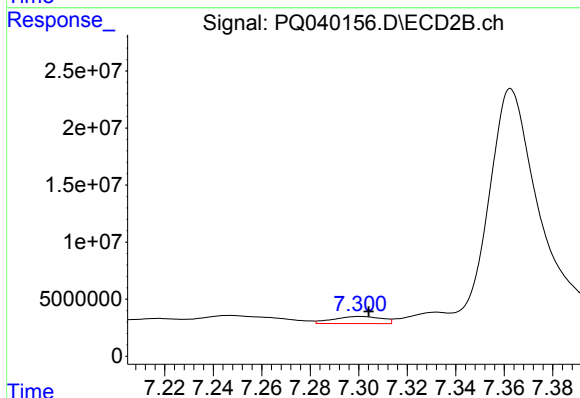
R.T.: 7.124 min
Delta R.T.: -0.012 min
Response: 73246800
Conc: 382.42 ng/ml



#27 AR-1254-2

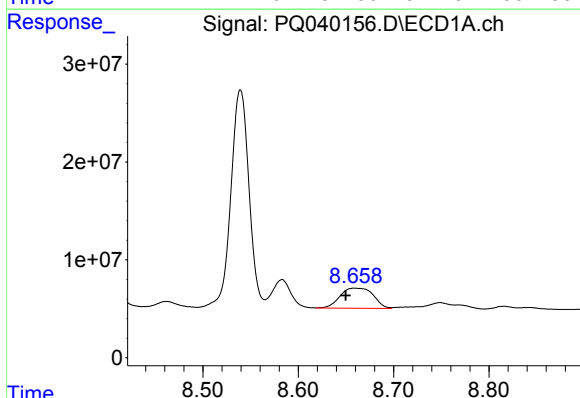
R.T.: 8.257 min
Delta R.T.: 0.002 min
Response: 22548441
Conc: 81.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



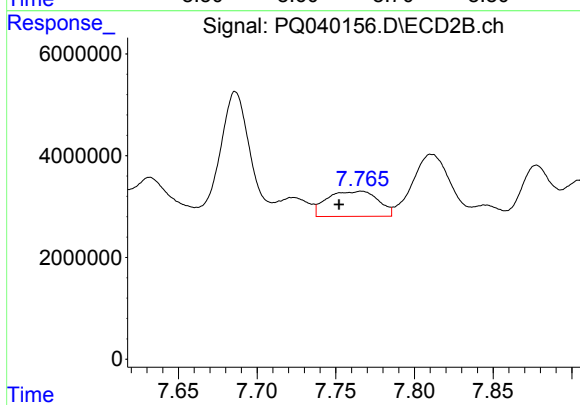
#27 AR-1254-2

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 8536943
Conc: 49.14 ng/ml



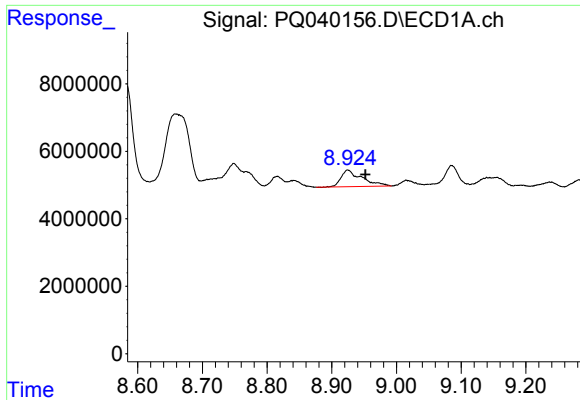
#28 AR-1254-3

R.T.: 8.659 min
Delta R.T.: 0.009 min
Response: 49900927
Conc: 168.14 ng/ml



#28 AR-1254-3

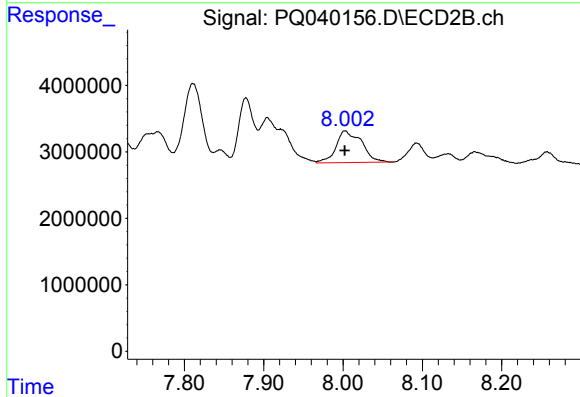
R.T.: 7.766 min
Delta R.T.: 0.014 min
Response: 11099750
Conc: 38.41 ng/ml



#29 AR-1254-4

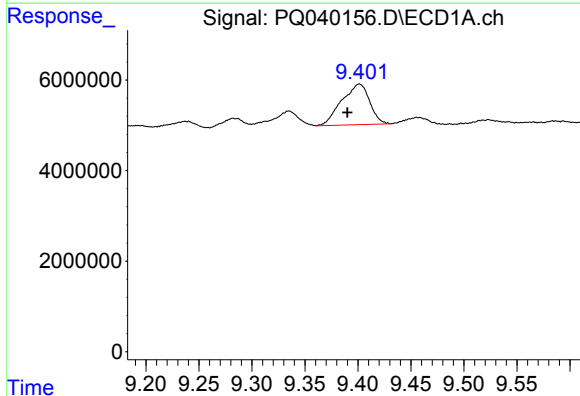
R.T.: 8.925 min
Delta R.T.: -0.027 min
Response: 11116531
Conc: 53.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



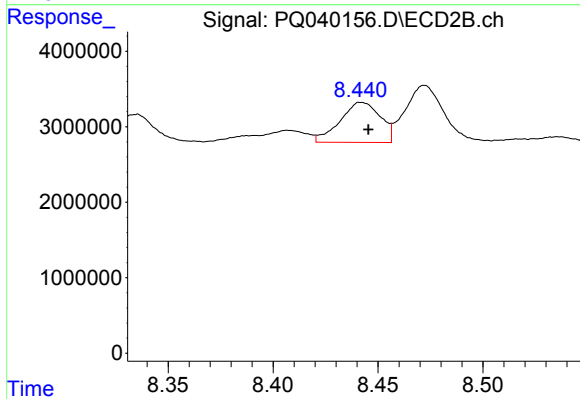
#29 AR-1254-4

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 10703052
Conc: 59.95 ng/ml



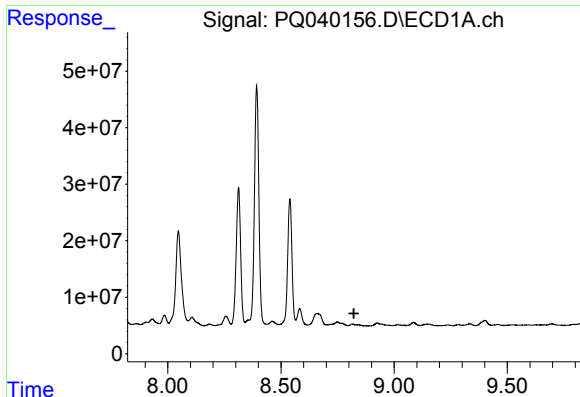
#30 AR-1254-5

R.T.: 9.401 min
Delta R.T.: 0.011 min
Response: 16407600
Conc: 56.97 ng/ml



#30 AR-1254-5

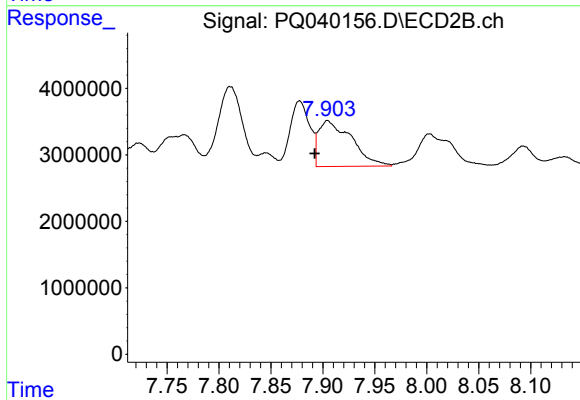
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 7078895
Conc: 27.48 ng/ml



#31 AR-1260-1

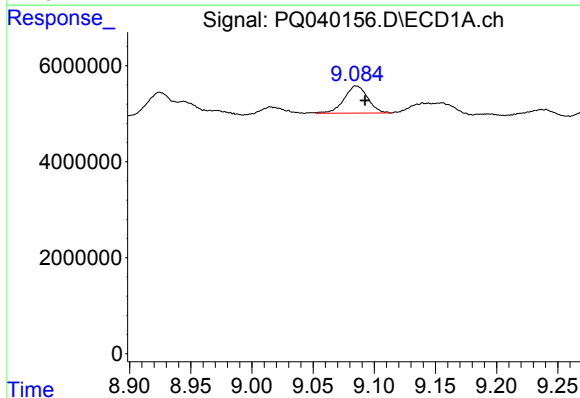
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



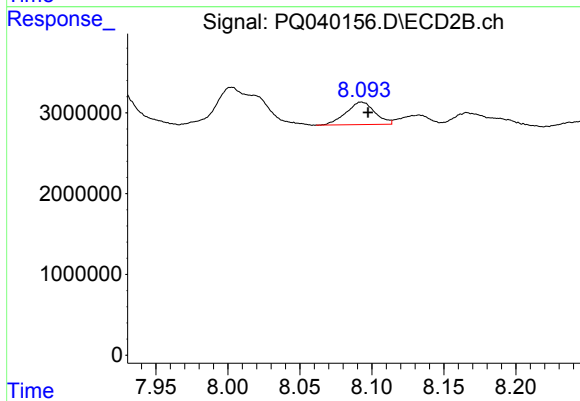
#31 AR-1260-1

R.T.: 7.905 min
Delta R.T.: 0.013 min
Response: 15136659
Conc: 55.22 ng/ml



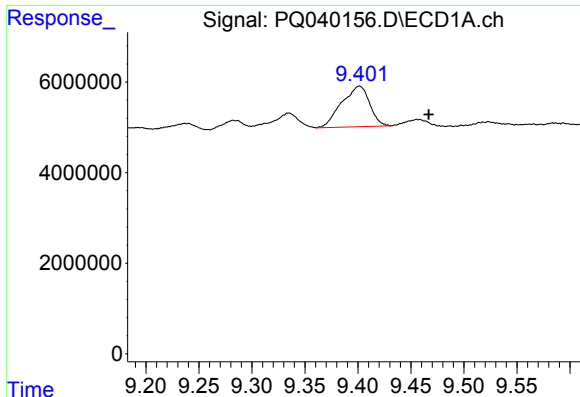
#32 AR-1260-2

R.T.: 9.085 min
Delta R.T.: -0.007 min
Response: 7617051
Conc: 18.86 ng/ml



#32 AR-1260-2

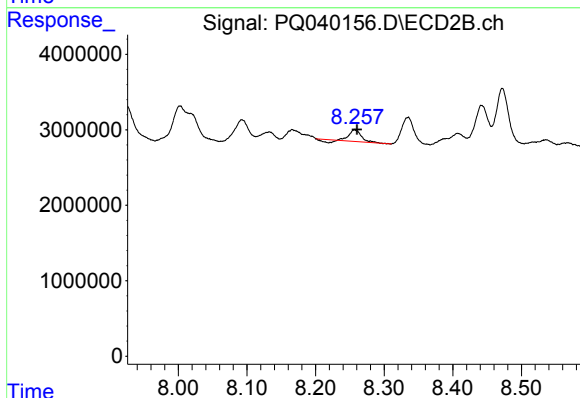
R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 3889098
Conc: 11.24 ng/ml



#33 AR-1260-3

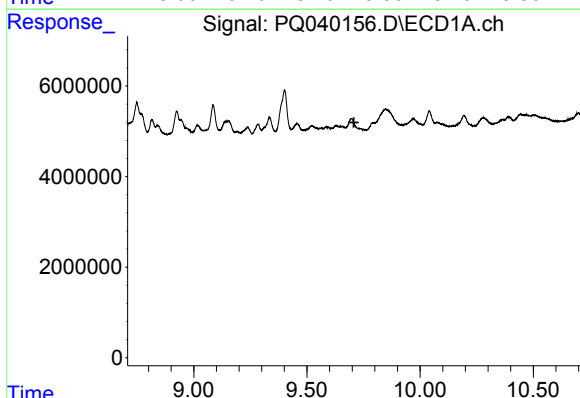
R.T.: 9.401 min
Delta R.T.: -0.065 min
Response: 16407600
Conc: 49.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM3



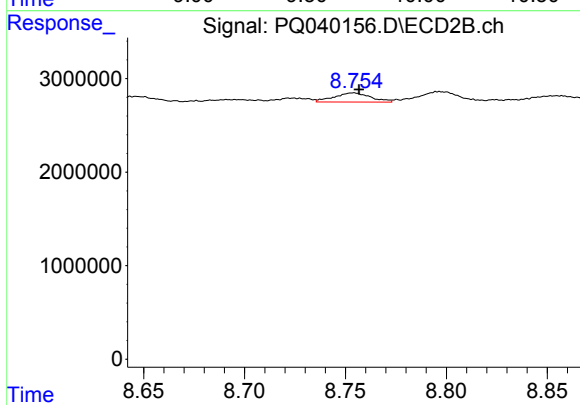
#33 AR-1260-3

R.T.: 8.257 min
Delta R.T.: -0.003 min
Response: 1616109
Conc: 5.04 ng/ml



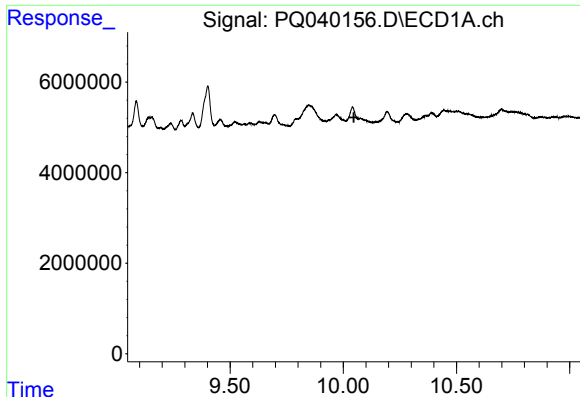
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

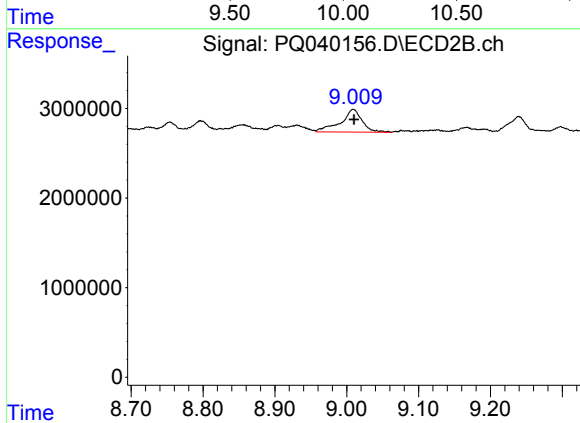
R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 1245711
Conc: 4.58 ng/ml



#35 AR-1260-5

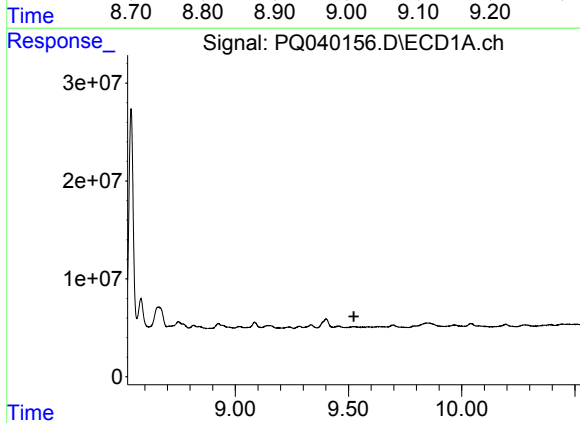
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



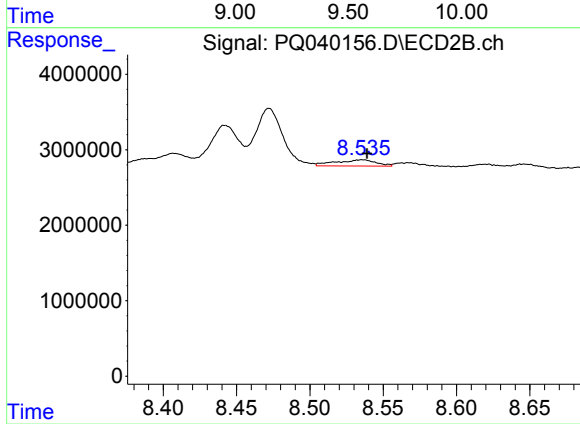
#35 AR-1260-5

R.T.: 9.009 min
Delta R.T.: -0.001 min
Response: 5253386
Conc: 7.82 ng/ml



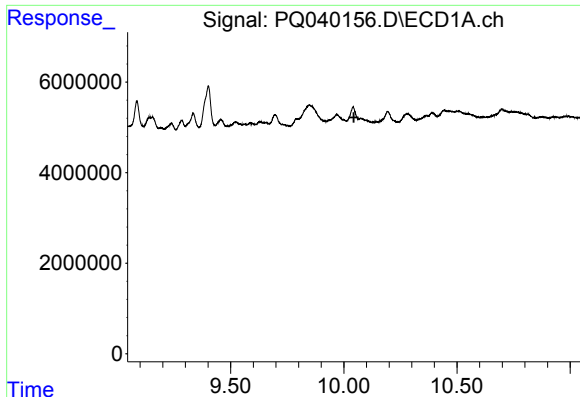
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

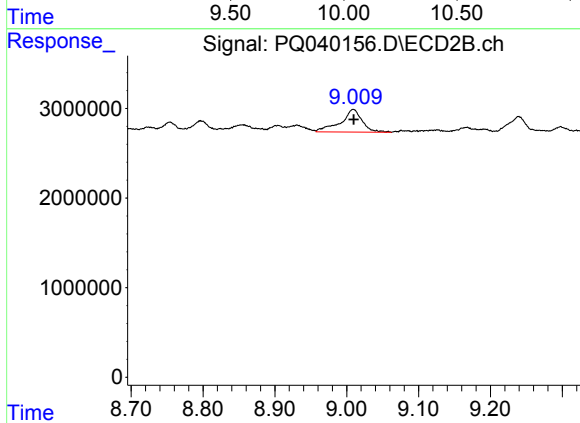
R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 1602227
Conc: 14.11 ng/ml



#37 AR-1262-2

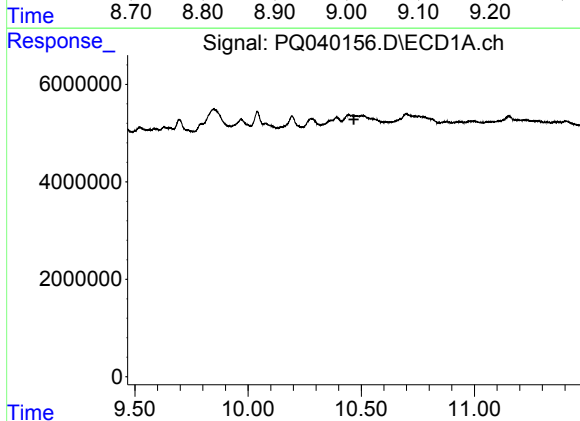
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



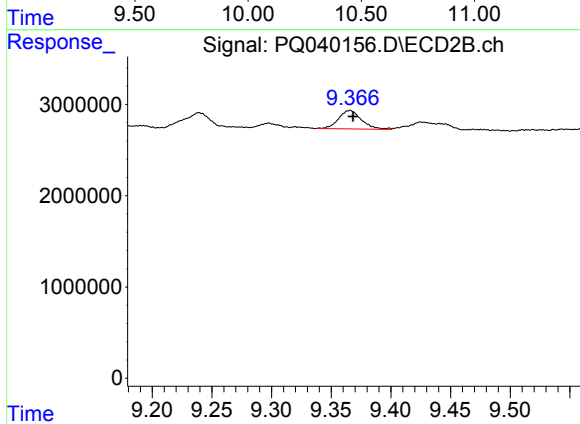
#37 AR-1262-2

R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 5253386
Conc: 10.59 ng/ml



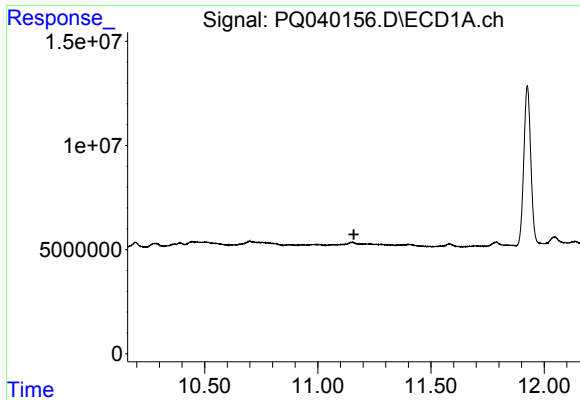
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.



#39 AR-1262-4

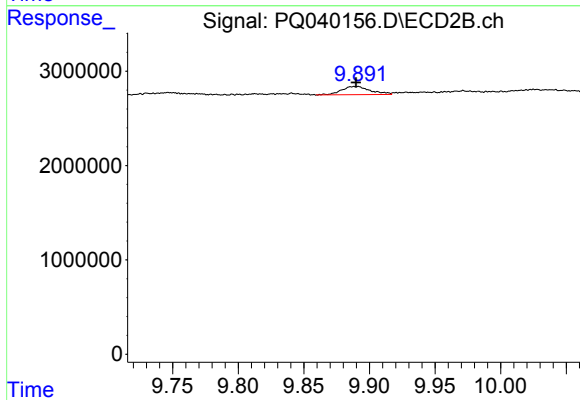
R.T.: 9.366 min
Delta R.T.: -0.003 min
Response: 2716832
Conc: 7.18 ng/ml



#40 AR-1262-5

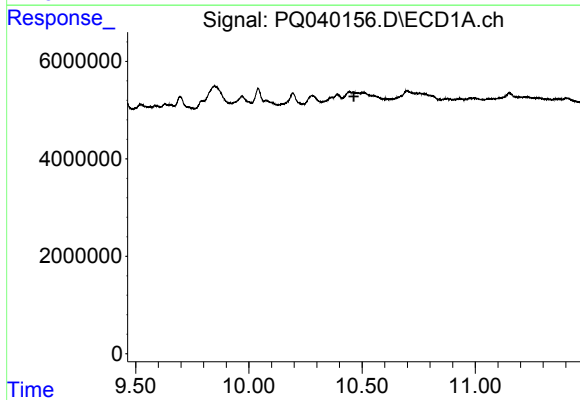
R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



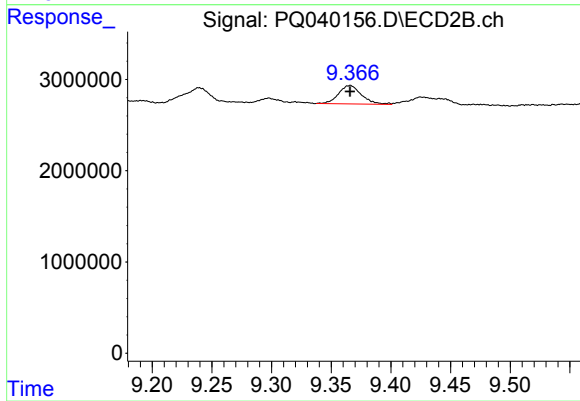
#40 AR-1262-5

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 1352600
Conc: 8.34 ng/ml



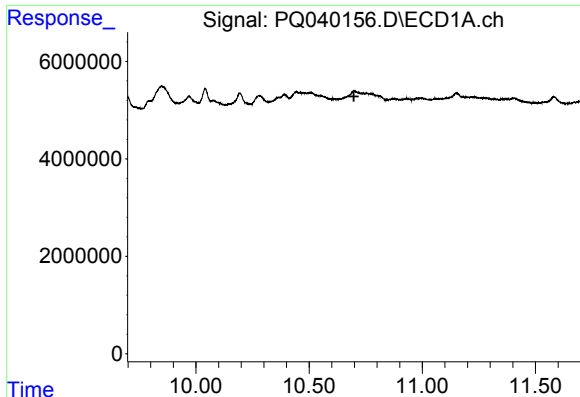
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

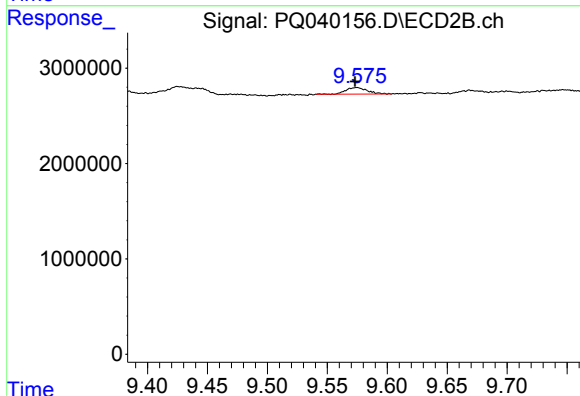
R.T.: 9.366 min
Delta R.T.: 0.000 min
Response: 2716832
Conc: 6.21 ng/ml



#43 AR-1268-3

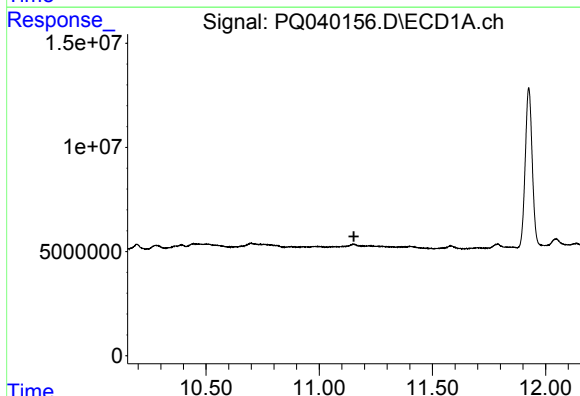
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



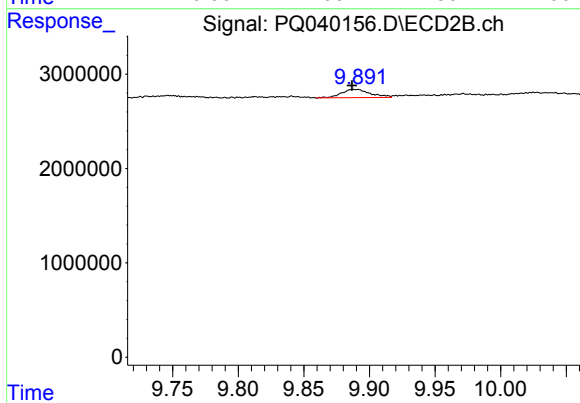
#43 AR-1268-3

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 850492
Conc: 2.27 ng/ml



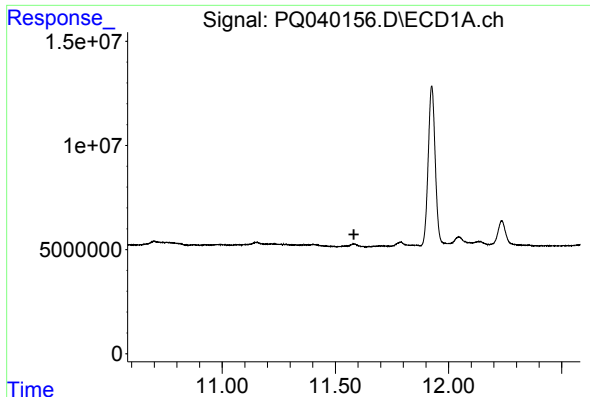
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

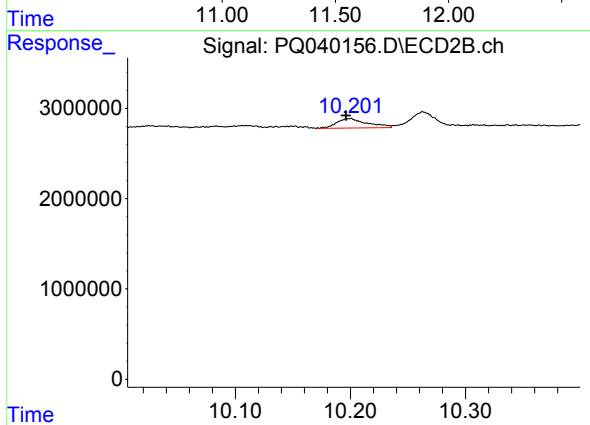
R.T.: 9.889 min
Delta R.T.: 0.002 min
Response: 1352600
Conc: 9.82 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM3



#45 AR-1268-5

R.T.: 10.199 min
Delta R.T.: 0.003 min
Response: 1953750
Conc: 1.66 ng/ml