

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030619\
 Data File : PQ037818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2019 13:14
 Operator : SM\SJ
 Sample : K1657-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 DB648MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:49:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.209	3.648	73121844	37234330	12.854	14.136
2)	SA Decachlor...	9.655	8.530	16453484	38358406	3.258	16.534 #
Target Compounds							
3)	L1 AR-1016-1	5.372	4.722	83774105	41828179	289.850	271.118
4)	L1 AR-1016-2	5.372	4.722	83774105	41828179	187.464	174.252
5)	L1 AR-1016-3	5.433	4.896	55296270	22235355	210.385	182.604
6)	L1 AR-1016-4	5.531	4.934	43530547	17529429	197.999	187.693
7)	L1 AR-1016-5	5.854	5.145	14577581	19499310	67.817	155.675 #
8)	L2 AR-1221-1	4.416	3.852	5243764	2879988	83.685	84.640
9)	L2 AR-1221-2	4.506	3.939	5791057	4109852	131.507	171.355 #
10)	L2 AR-1221-3	4.581	4.013	28636769	15489871	186.307	183.169
11)	L3 AR-1232-1	4.581	4.013	28636769	15489871	250.931	250.231
12)	L3 AR-1232-2	5.091	4.722	48666082	41828179	832.433	608.740 #
13)	L3 AR-1232-3	5.372	4.896	83774105	22235355	670.654	638.500
14)	L3 AR-1232-4	5.531	5.004	43530547	9421488	681.195	319.528 #
15)	L3 AR-1232-5	5.656	5.145	33656026	19499310	737.956	573.782
16)	L4 AR-1242-1	5.372	4.722	83774105	41828179	510.703	465.650
17)	L4 AR-1242-2	5.372	4.722	83774105	41828179	332.374	306.739
18)	L4 AR-1242-3	5.433	4.896	55296270	22235355	365.566	315.255
19)	L4 AR-1242-4	5.531	5.004	43530547	9421488	345.819	137.311 #
20)	L4 AR-1242-5	6.250	5.487	4776491	16849442	34.419	192.721 #
21)	L5 AR-1248-1	5.372	4.722	83774105	41828179	711.798	627.031
22)	L5 AR-1248-2	5.656	4.934	33656026	17529429	196.178	193.906
23)	L5 AR-1248-3	5.854	4.974	14577581	19877256	75.033	215.371 #
24)	L5 AR-1248-4	6.250	5.145	4776491	19499310	21.008	171.831 #
25)	L5 AR-1248-5	6.250	5.528	4776491	2056745	22.117	18.733
26)	L6 AR-1254-1	6.212	5.487	5724516	16849442	27.029	101.618 #
27)	L6 AR-1254-2	6.442	5.631	3953375	14873848	11.789	104.441 #
28)	L6 AR-1254-3	6.807	6.036	41995524	31195003	121.004	136.724
29)	L6 AR-1254-4	7.096	6.278	12814903	8143497	46.305	47.418
30)	L6 AR-1254-5	7.484	6.693	10846226	30238137	39.243	156.166 #
31)	L7 AR-1260-1	6.913	6.152	62004163	30904823	139.548	121.897
32)	L7 AR-1260-2	7.218	6.340	23579702	43649901	40.782	142.010 #
33)	L7 AR-1260-3	7.577	6.489	32151369	39973020	71.968	140.761 #
34)	L7 AR-1260-4	7.746	6.950	82174120	37640880	187.615	171.023
35)	L7 AR-1260-5	8.098	7.194	5652117	62574905	5.639	118.516 #
36)	L8 AR-1262-1	7.577	6.693	32151369	30238137	80.494	144.485 #
37)	L8 AR-1262-2	8.098	7.194	5652117	62574905	8.159	168.913 #
38)	L8 AR-1262-3	8.362	7.466	31159375	10098559	104.064	69.092 #
39)	L8 AR-1262-4	8.411	7.534	28678789	43205891	81.619	162.013 #
40)	L8 AR-1262-5	9.018	8.027	26619042	12077402	111.615	103.376
41)	L9 AR-1268-1	8.362	7.466	31159375	10098559	23.243	15.417 #

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 Sample : K1657-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

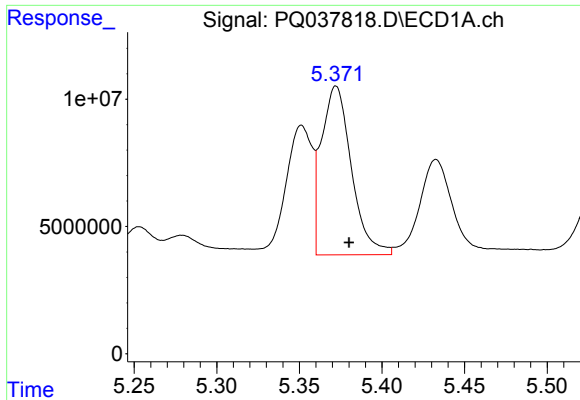
Instrument :
 ECD_Q
 ClientSampleId :
 DB648MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 23:49:49 2019
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 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	8.411	7.534	28678789	43205891	23.281	72.245 #
43) L9	AR-1268-3	8.614	7.758	3706115	1658855	3.382	3.332
44) L9	AR-1268-4	9.018	8.027	26619042	12077402	66.738	61.619
45) L9	AR-1268-5	9.375	8.301	14275639	6872455	4.391	4.466

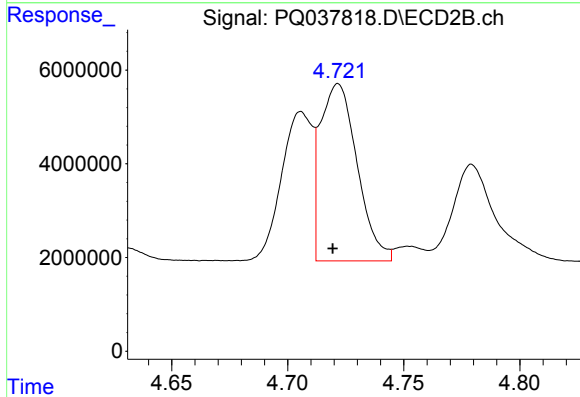
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

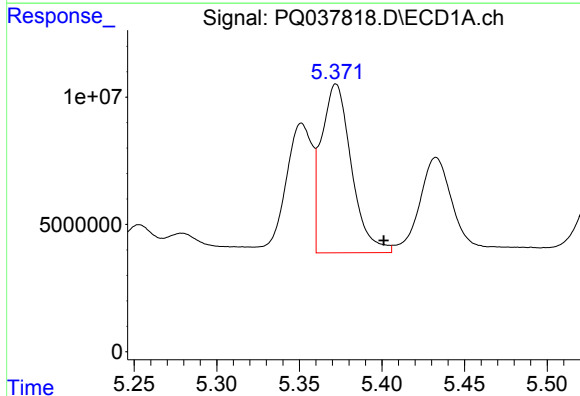
R.T.: 5.372 min
Delta R.T.: -0.008 min
Response: 83774105
Conc: 289.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



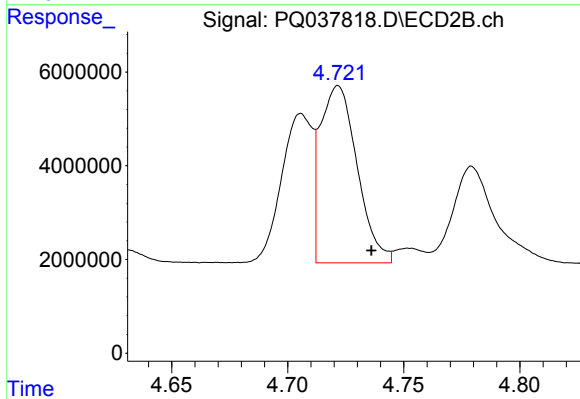
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 41828179
Conc: 271.12 ng/ml



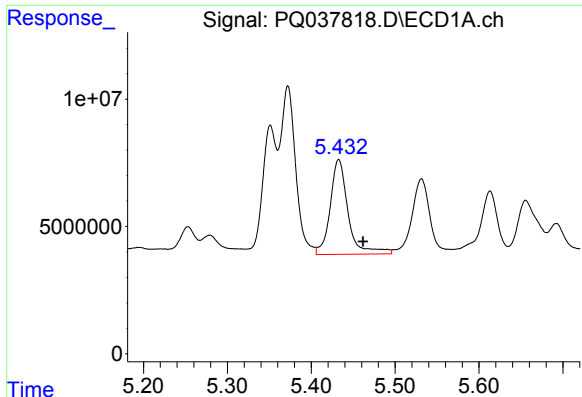
#4 AR-1016-2

R.T.: 5.372 min
Delta R.T.: -0.029 min
Response: 83774105
Conc: 187.46 ng/ml



#4 AR-1016-2

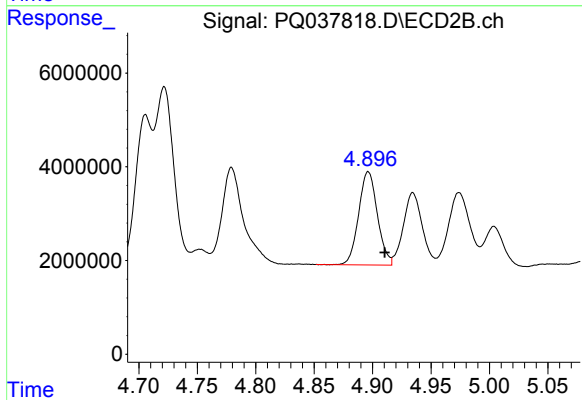
R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 41828179
Conc: 174.25 ng/ml



#5 AR-1016-3

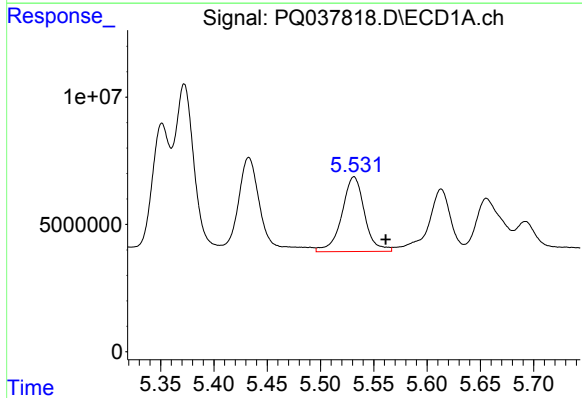
R.T.: 5.433 min
Delta R.T.: -0.029 min
Response: 55296270
Conc: 210.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



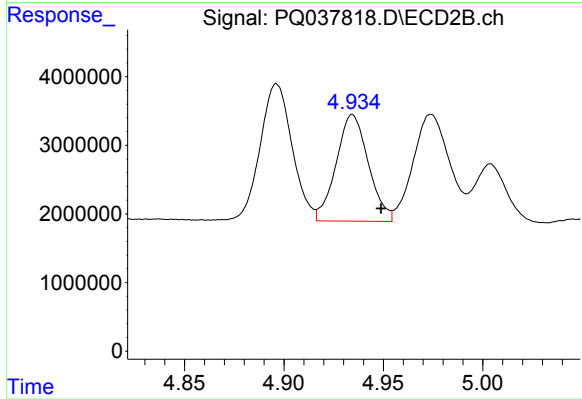
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 22235355
Conc: 182.60 ng/ml



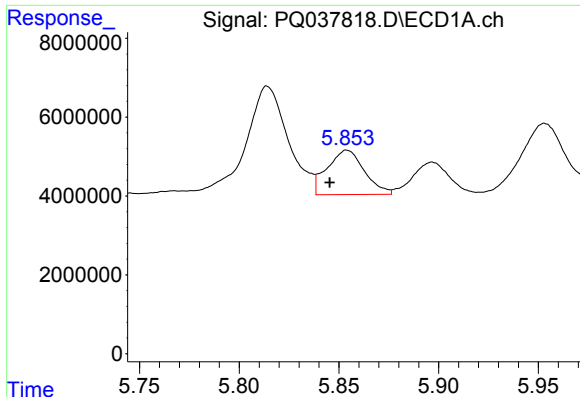
#6 AR-1016-4

R.T.: 5.531 min
Delta R.T.: -0.030 min
Response: 43530547
Conc: 198.00 ng/ml



#6 AR-1016-4

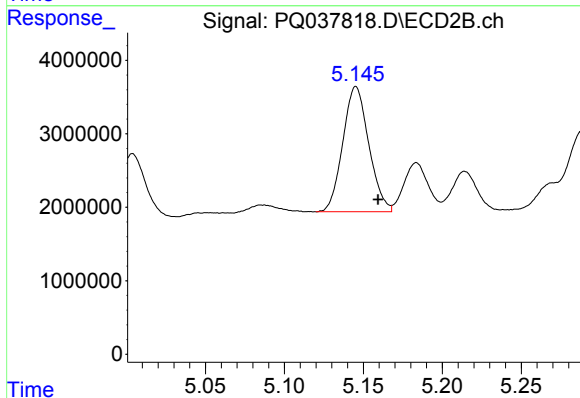
R.T.: 4.934 min
Delta R.T.: -0.014 min
Response: 17529429
Conc: 187.69 ng/ml



#7 AR-1016-5

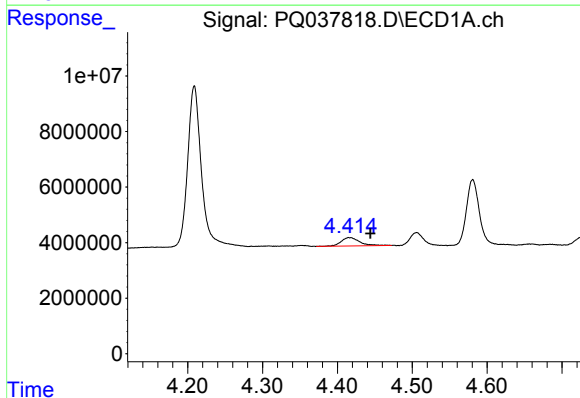
R.T.: 5.854 min
Delta R.T.: 0.009 min
Response: 14577581
Conc: 67.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



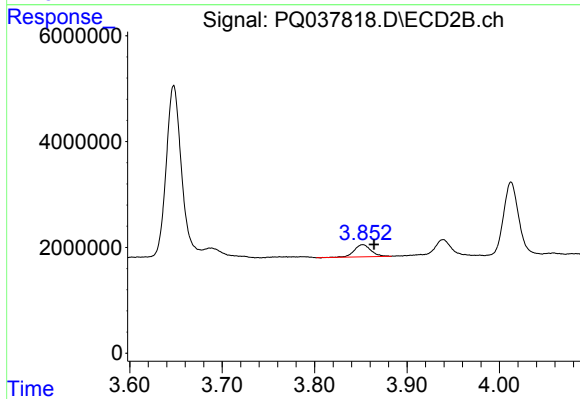
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 19499310
Conc: 155.68 ng/ml



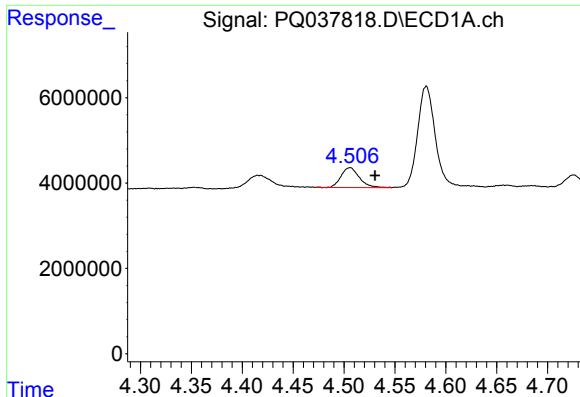
#8 AR-1221-1

R.T.: 4.416 min
Delta R.T.: -0.028 min
Response: 5243764
Conc: 83.68 ng/ml



#8 AR-1221-1

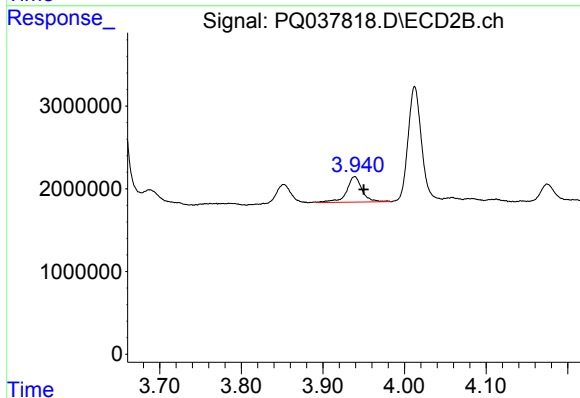
R.T.: 3.852 min
Delta R.T.: -0.012 min
Response: 2879988
Conc: 84.64 ng/ml



#9 AR-1221-2

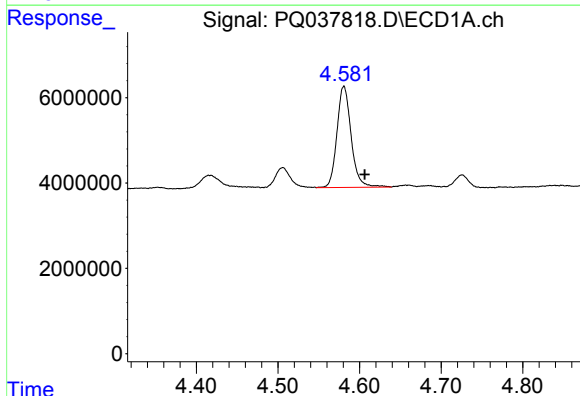
R.T.: 4.506 min
Delta R.T.: -0.025 min
Response: 5791057
Conc: 131.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



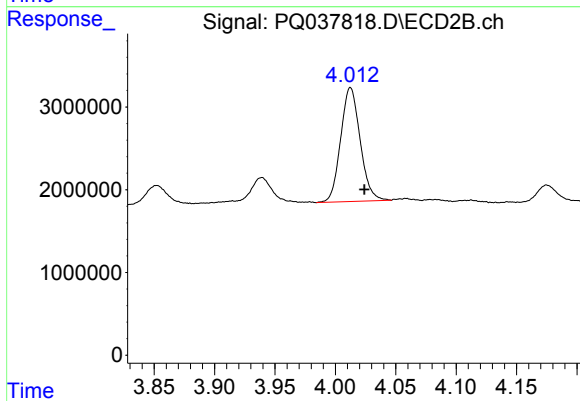
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: -0.011 min
Response: 4109852
Conc: 171.35 ng/ml



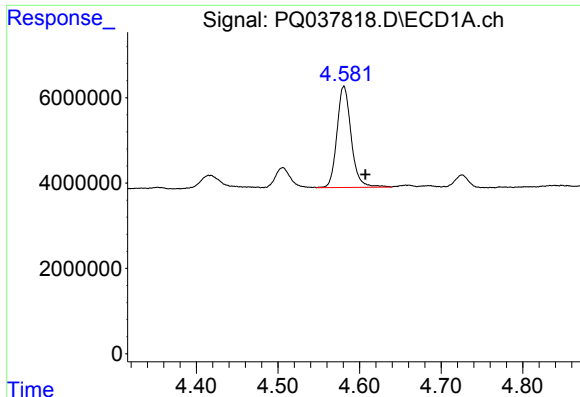
#10 AR-1221-3

R.T.: 4.581 min
Delta R.T.: -0.026 min
Response: 28636769
Conc: 186.31 ng/ml



#10 AR-1221-3

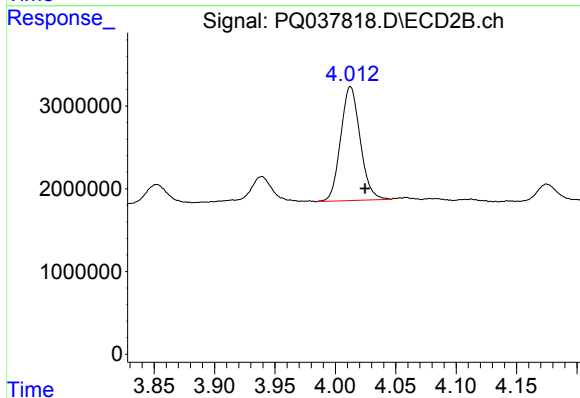
R.T.: 4.013 min
Delta R.T.: -0.012 min
Response: 15489871
Conc: 183.17 ng/ml



#11 AR-1232-1

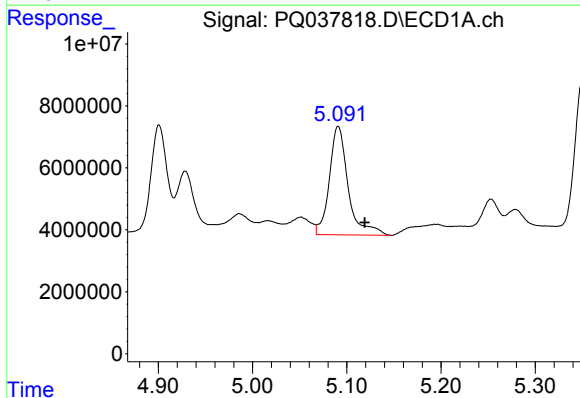
R.T.: 4.581 min
Delta R.T.: -0.026 min
Response: 28636769
Conc: 250.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



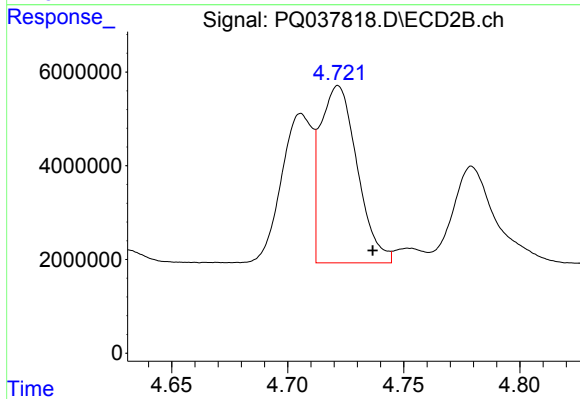
#11 AR-1232-1

R.T.: 4.013 min
Delta R.T.: -0.012 min
Response: 15489871
Conc: 250.23 ng/ml



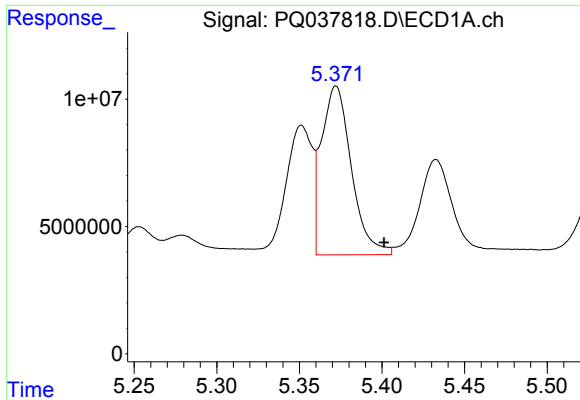
#12 AR-1232-2

R.T.: 5.091 min
Delta R.T.: -0.028 min
Response: 48666082
Conc: 832.43 ng/ml



#12 AR-1232-2

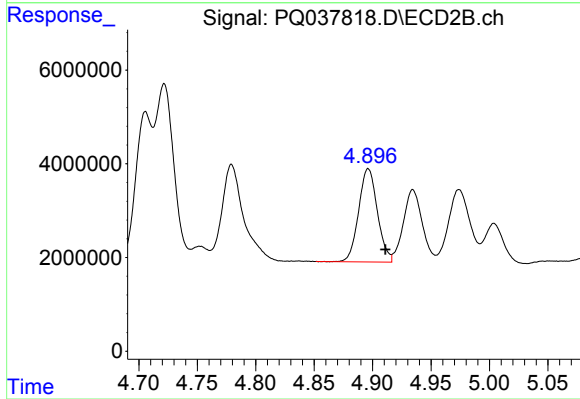
R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 41828179
Conc: 608.74 ng/ml



#13 AR-1232-3

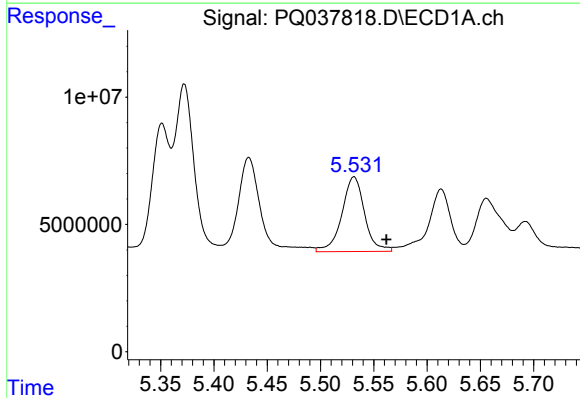
R.T.: 5.372 min
Delta R.T.: -0.029 min
Response: 83774105
Conc: 670.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



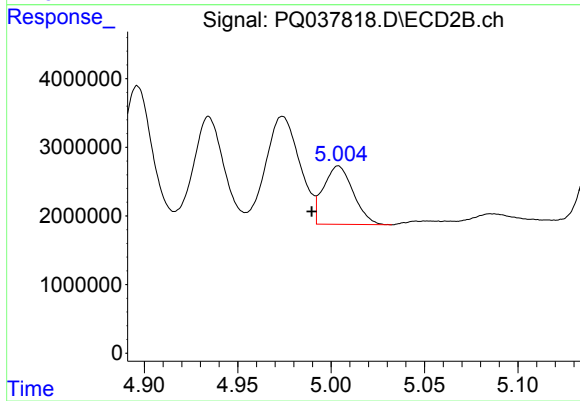
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 22235355
Conc: 638.50 ng/ml



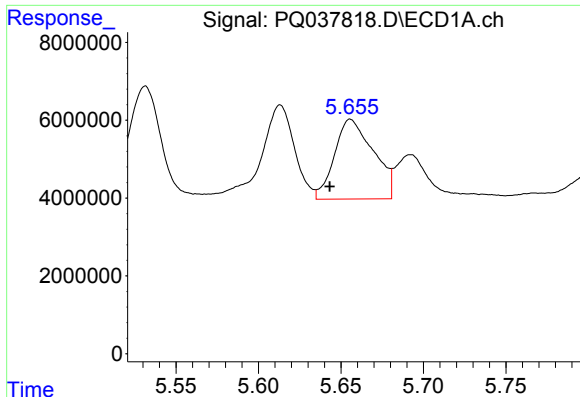
#14 AR-1232-4

R.T.: 5.531 min
Delta R.T.: -0.030 min
Response: 43530547
Conc: 681.20 ng/ml



#14 AR-1232-4

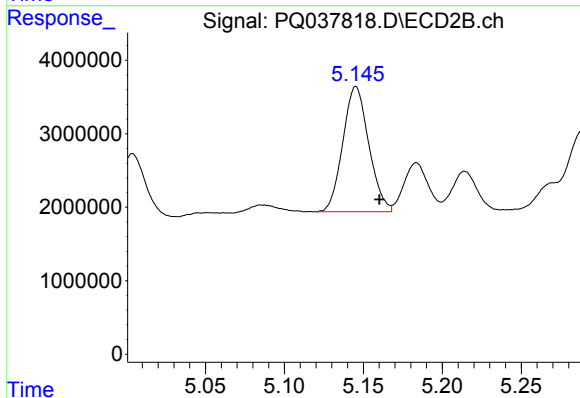
R.T.: 5.004 min
Delta R.T.: 0.014 min
Response: 9421488
Conc: 319.53 ng/ml



#15 AR-1232-5

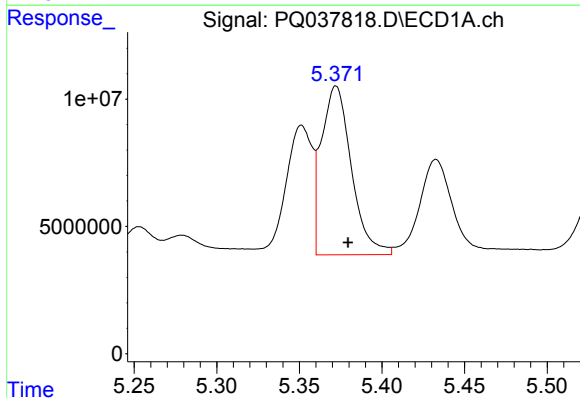
R.T.: 5.656 min
Delta R.T.: 0.012 min
Response: 33656026
Conc: 737.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



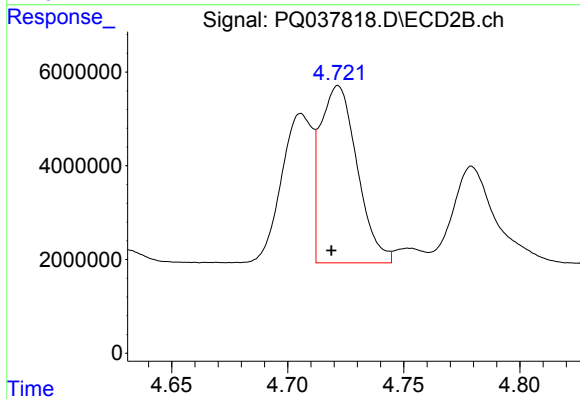
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 19499310
Conc: 573.78 ng/ml



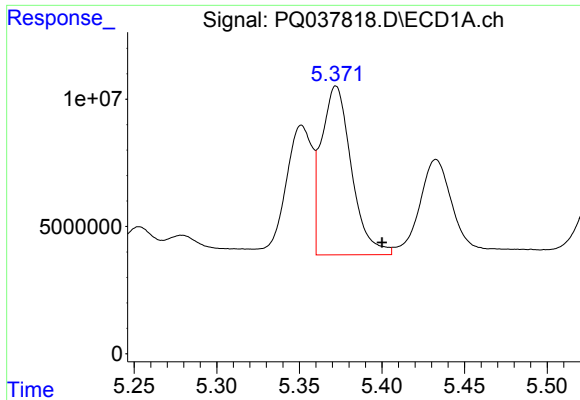
#16 AR-1242-1

R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 83774105
Conc: 510.70 ng/ml



#16 AR-1242-1

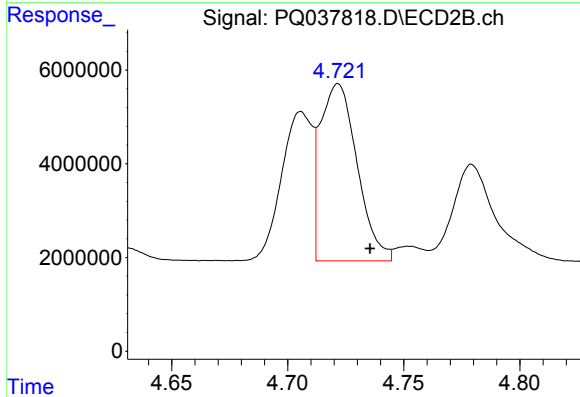
R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 41828179
Conc: 465.65 ng/ml



#17 AR-1242-2

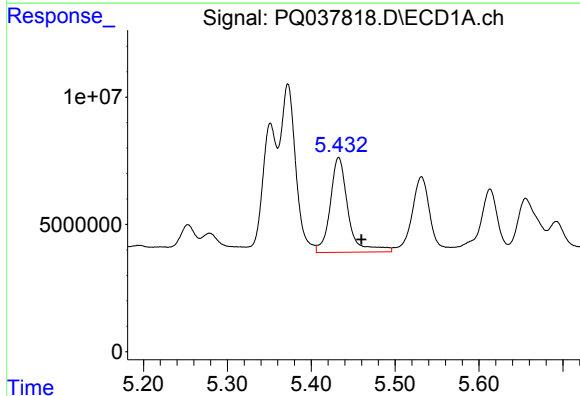
R.T.: 5.372 min
Delta R.T.: -0.028 min
Response: 83774105
Conc: 332.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



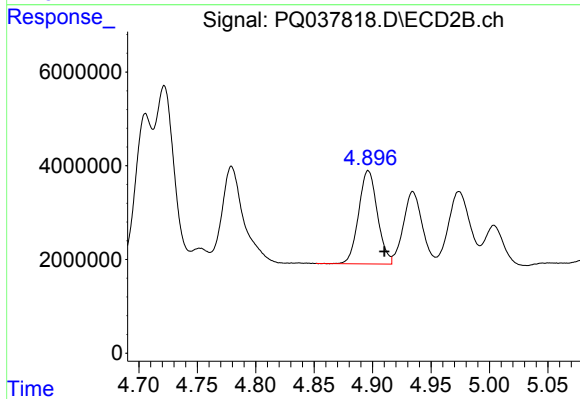
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 41828179
Conc: 306.74 ng/ml



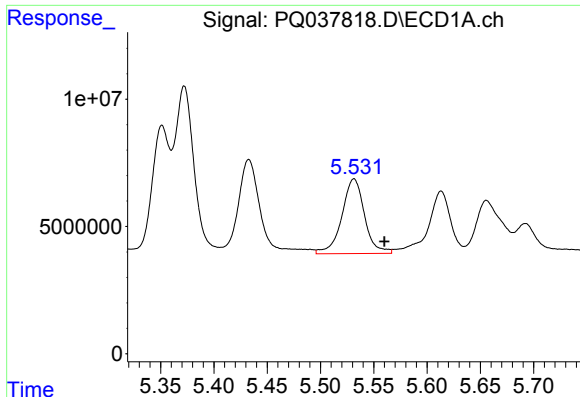
#18 AR-1242-3

R.T.: 5.433 min
Delta R.T.: -0.027 min
Response: 55296270
Conc: 365.57 ng/ml



#18 AR-1242-3

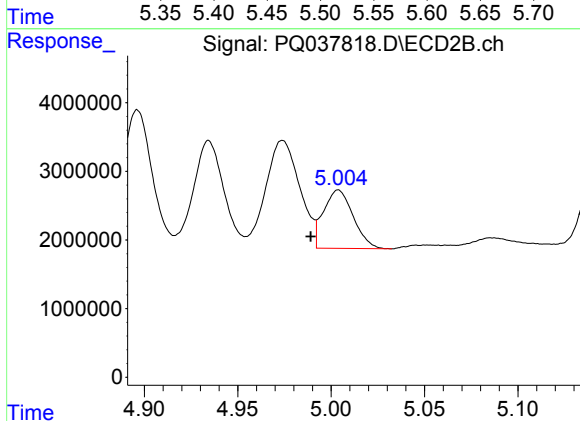
R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 22235355
Conc: 315.25 ng/ml



#19 AR-1242-4

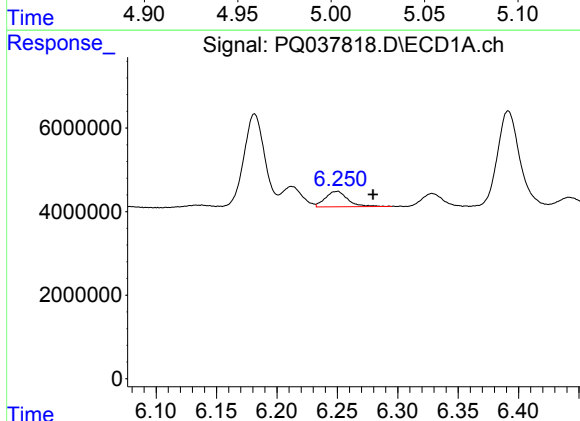
R.T.: 5.531 min
Delta R.T.: -0.028 min
Response: 43530547
Conc: 345.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



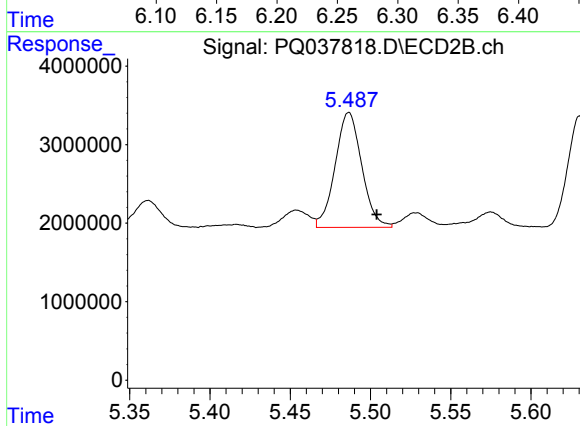
#19 AR-1242-4

R.T.: 5.004 min
Delta R.T.: 0.015 min
Response: 9421488
Conc: 137.31 ng/ml



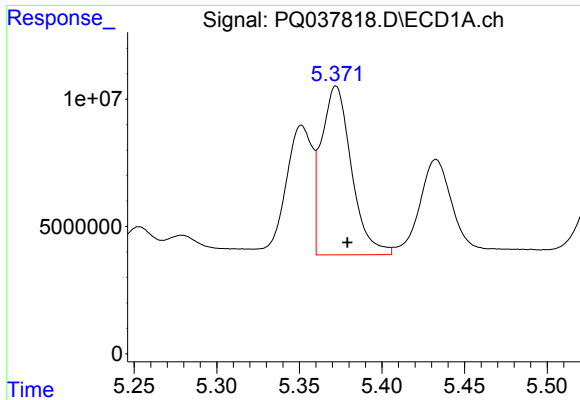
#20 AR-1242-5

R.T.: 6.250 min
Delta R.T.: -0.030 min
Response: 4776491
Conc: 34.42 ng/ml



#20 AR-1242-5

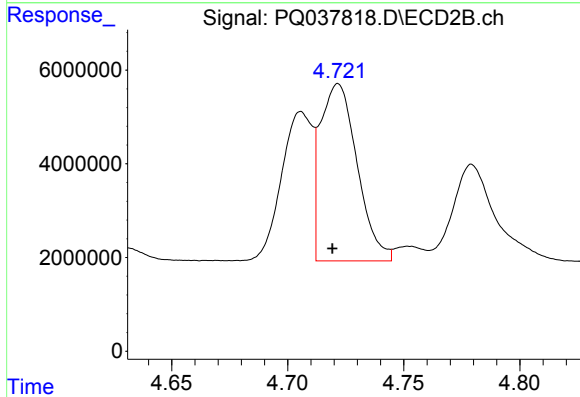
R.T.: 5.487 min
Delta R.T.: -0.017 min
Response: 16849442
Conc: 192.72 ng/ml



#21 AR-1248-1

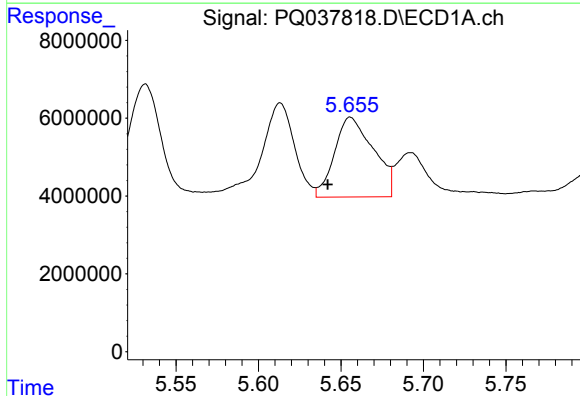
R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 83774105
Conc: 711.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



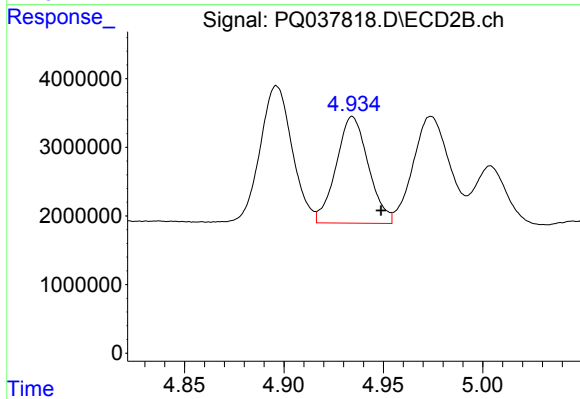
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 41828179
Conc: 627.03 ng/ml



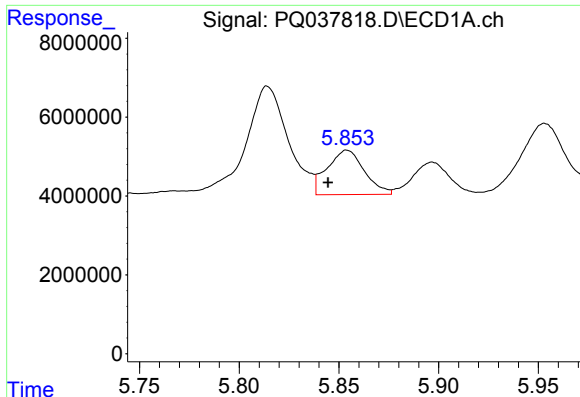
#22 AR-1248-2

R.T.: 5.656 min
Delta R.T.: 0.014 min
Response: 33656026
Conc: 196.18 ng/ml



#22 AR-1248-2

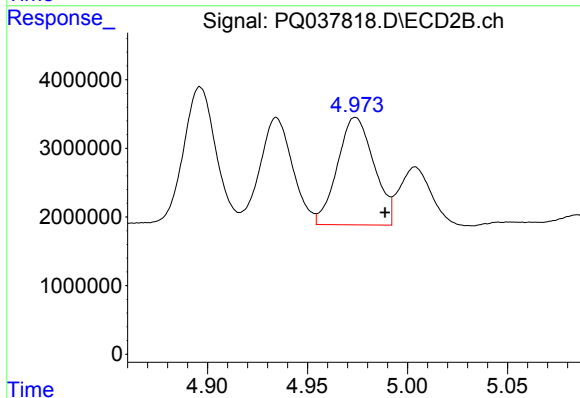
R.T.: 4.934 min
Delta R.T.: -0.014 min
Response: 17529429
Conc: 193.91 ng/ml



#23 AR-1248-3

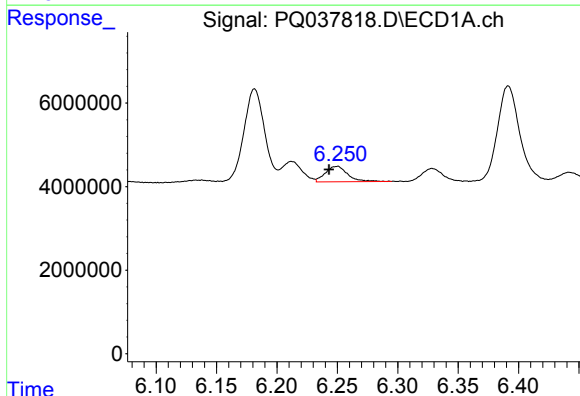
R.T.: 5.854 min
Delta R.T.: 0.010 min
Response: 14577581
Conc: 75.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



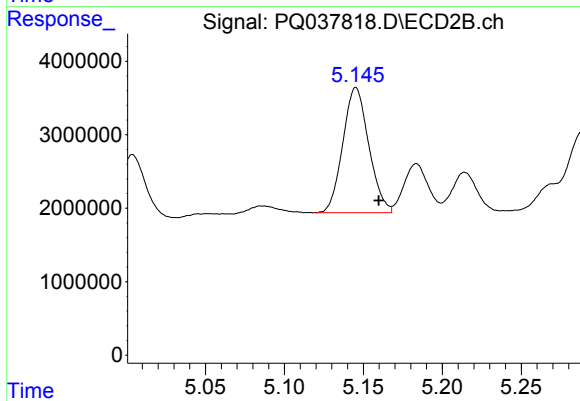
#23 AR-1248-3

R.T.: 4.974 min
Delta R.T.: -0.015 min
Response: 19877256
Conc: 215.37 ng/ml



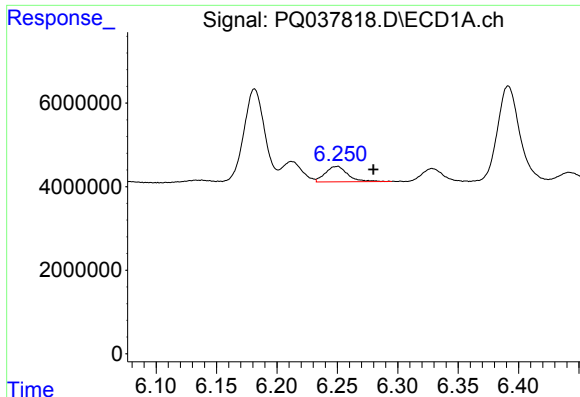
#24 AR-1248-4

R.T.: 6.250 min
Delta R.T.: 0.007 min
Response: 4776491
Conc: 21.01 ng/ml



#24 AR-1248-4

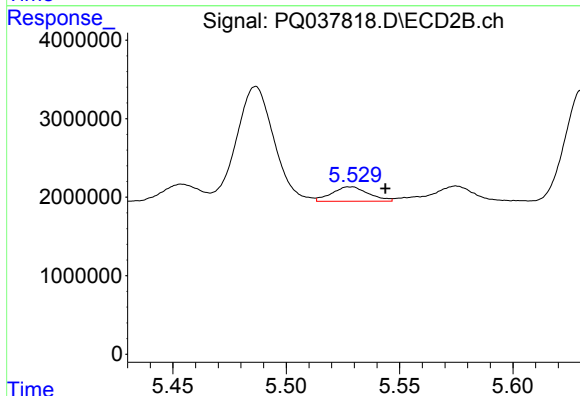
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 19499310
Conc: 171.83 ng/ml



#25 AR-1248-5

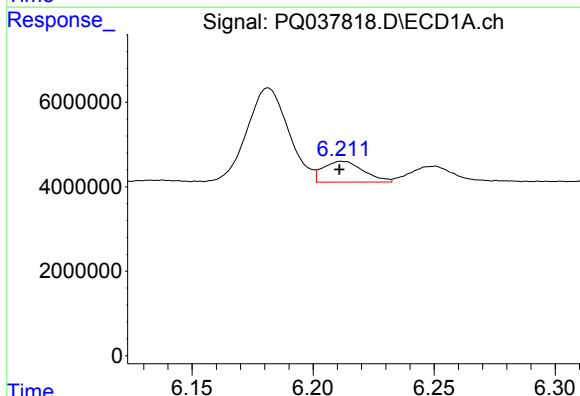
R.T.: 6.250 min
Delta R.T.: -0.030 min
Response: 4776491
Conc: 22.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



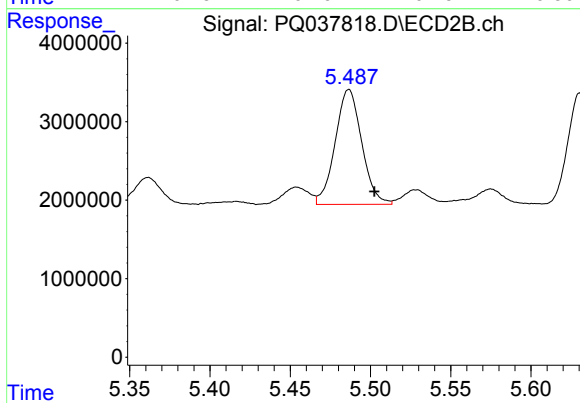
#25 AR-1248-5

R.T.: 5.528 min
Delta R.T.: -0.015 min
Response: 2056745
Conc: 18.73 ng/ml



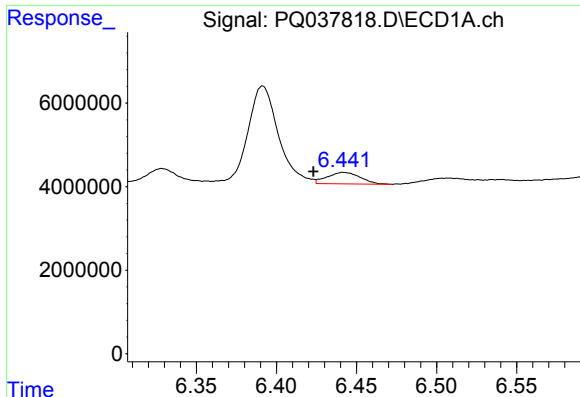
#26 AR-1254-1

R.T.: 6.212 min
Delta R.T.: 0.001 min
Response: 5724516
Conc: 27.03 ng/ml



#26 AR-1254-1

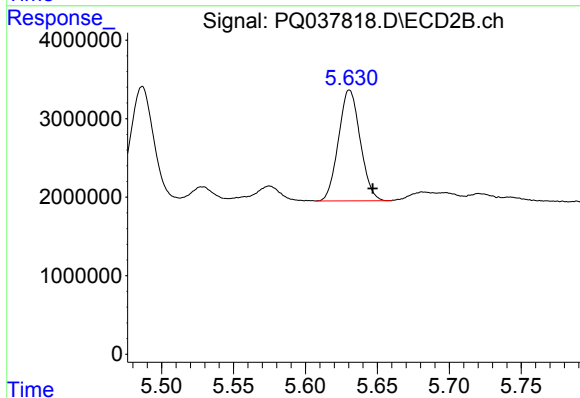
R.T.: 5.487 min
Delta R.T.: -0.016 min
Response: 16849442
Conc: 101.62 ng/ml



#27 AR-1254-2

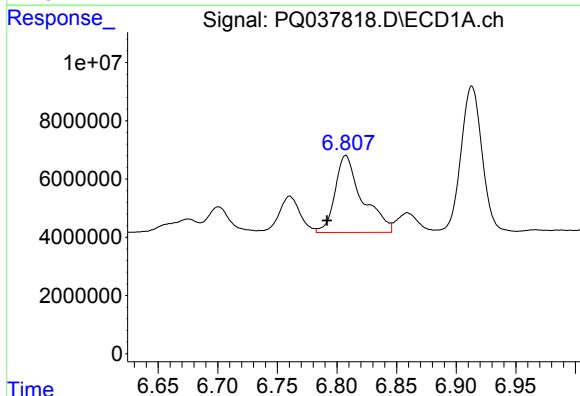
R.T.: 6.442 min
Delta R.T.: 0.019 min
Response: 3953375
Conc: 11.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



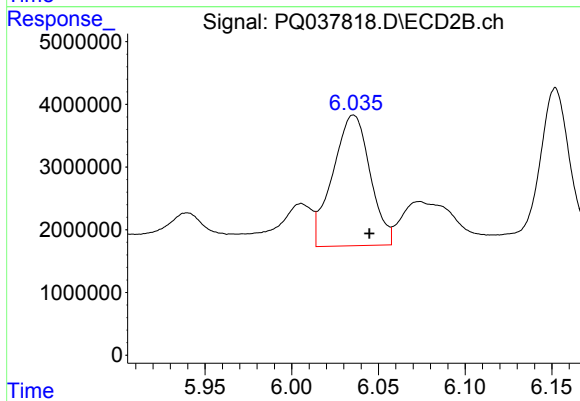
#27 AR-1254-2

R.T.: 5.631 min
Delta R.T.: -0.016 min
Response: 14873848
Conc: 104.44 ng/ml



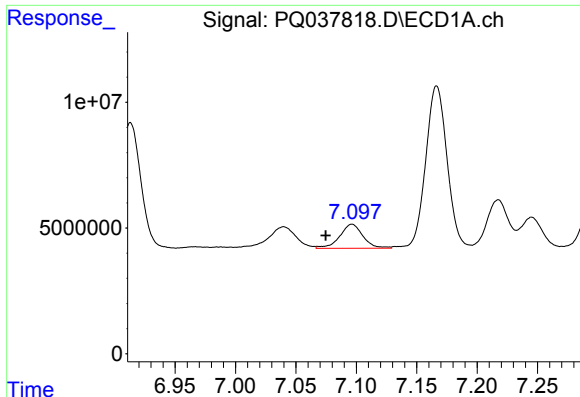
#28 AR-1254-3

R.T.: 6.807 min
Delta R.T.: 0.016 min
Response: 41995524
Conc: 121.00 ng/ml



#28 AR-1254-3

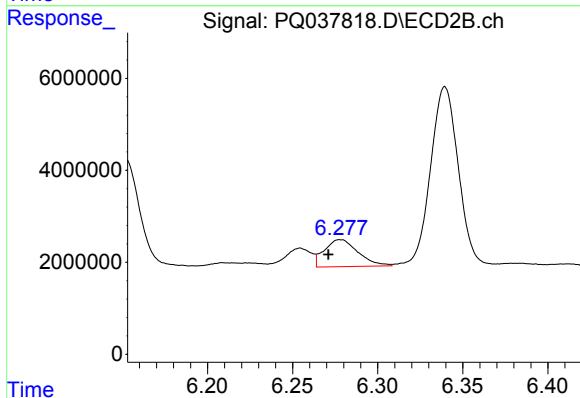
R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 31195003
Conc: 136.72 ng/ml



#29 AR-1254-4

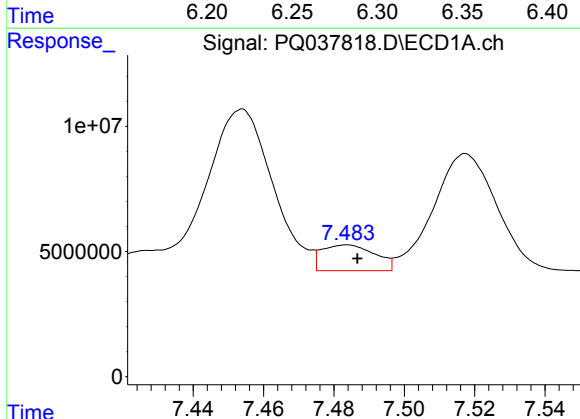
R.T.: 7.096 min
Delta R.T.: 0.022 min
Response: 12814903
Conc: 46.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



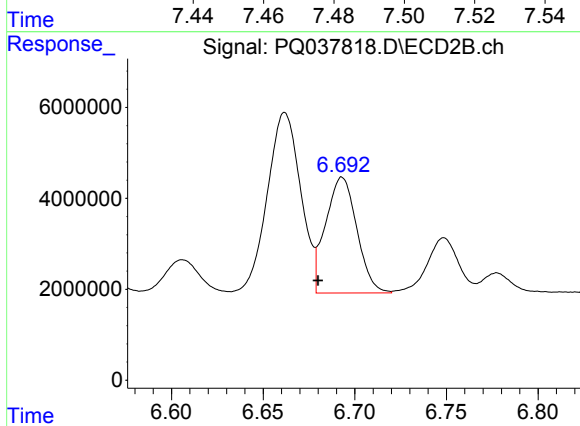
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: 0.007 min
Response: 8143497
Conc: 47.42 ng/ml



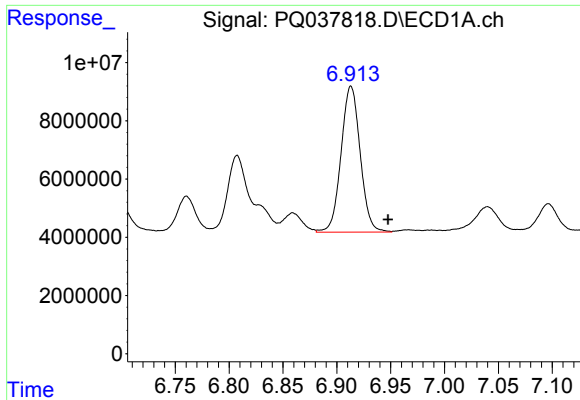
#30 AR-1254-5

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 10846226
Conc: 39.24 ng/ml



#30 AR-1254-5

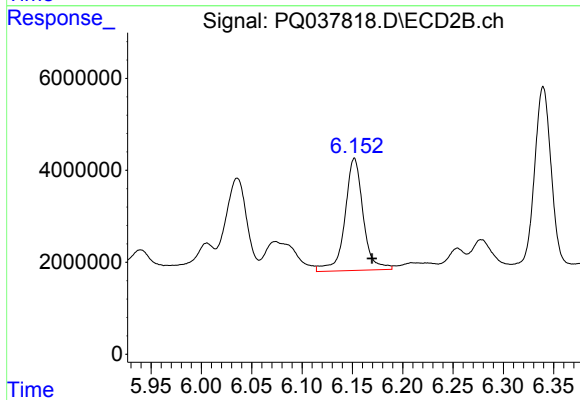
R.T.: 6.693 min
Delta R.T.: 0.013 min
Response: 30238137
Conc: 156.17 ng/ml



#31 AR-1260-1

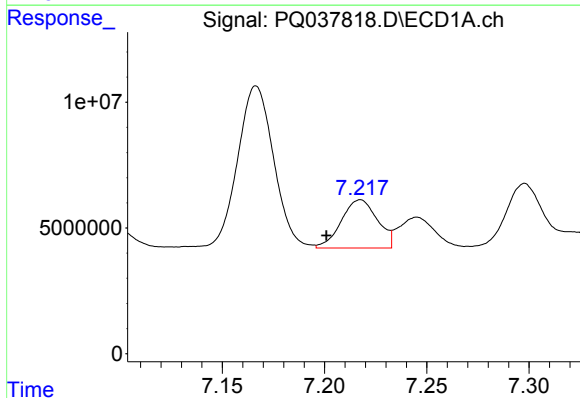
R.T.: 6.913 min
Delta R.T.: -0.035 min
Response: 62004163
Conc: 139.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



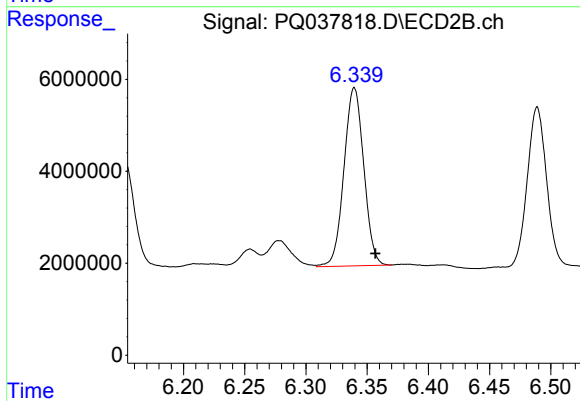
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: -0.018 min
Response: 30904823
Conc: 121.90 ng/ml



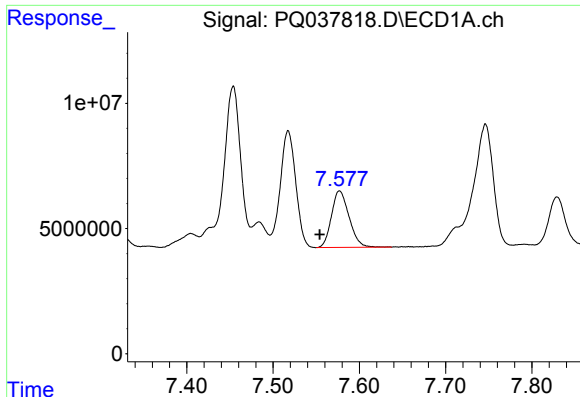
#32 AR-1260-2

R.T.: 7.218 min
Delta R.T.: 0.017 min
Response: 23579702
Conc: 40.78 ng/ml



#32 AR-1260-2

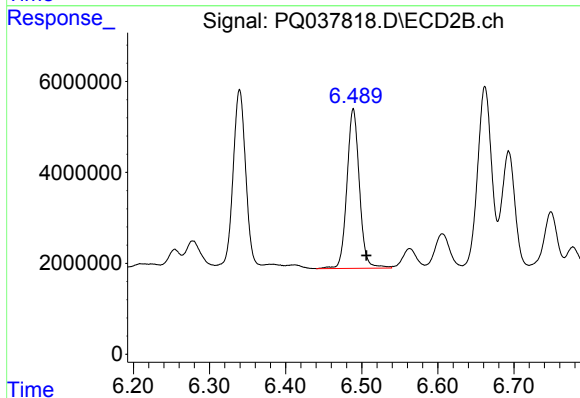
R.T.: 6.340 min
Delta R.T.: -0.017 min
Response: 43649901
Conc: 142.01 ng/ml



#33 AR-1260-3

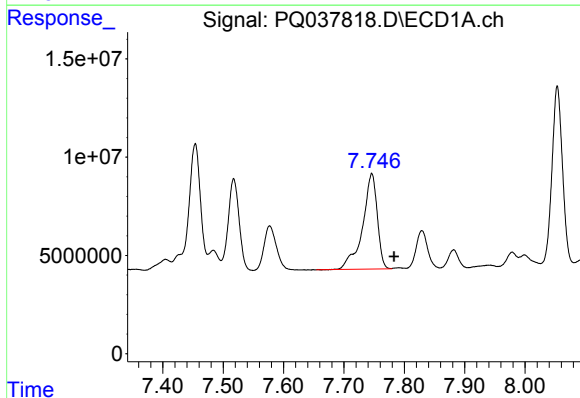
R.T.: 7.577 min
Delta R.T.: 0.023 min
Response: 32151369
Conc: 71.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



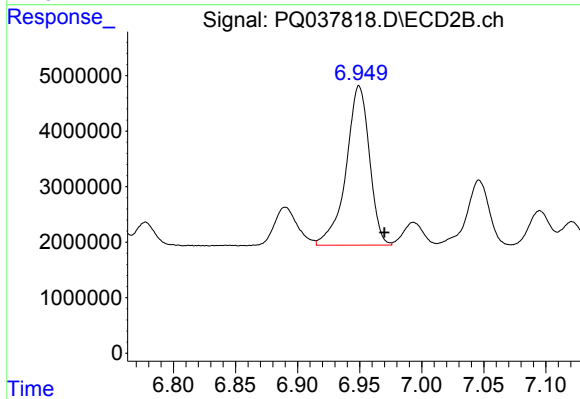
#33 AR-1260-3

R.T.: 6.489 min
Delta R.T.: -0.017 min
Response: 39973020
Conc: 140.76 ng/ml



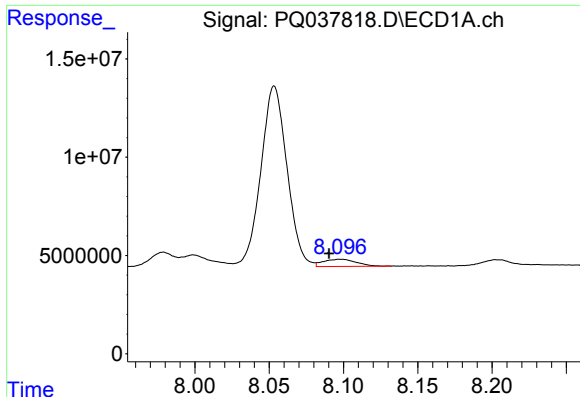
#34 AR-1260-4

R.T.: 7.746 min
Delta R.T.: -0.037 min
Response: 82174120
Conc: 187.61 ng/ml



#34 AR-1260-4

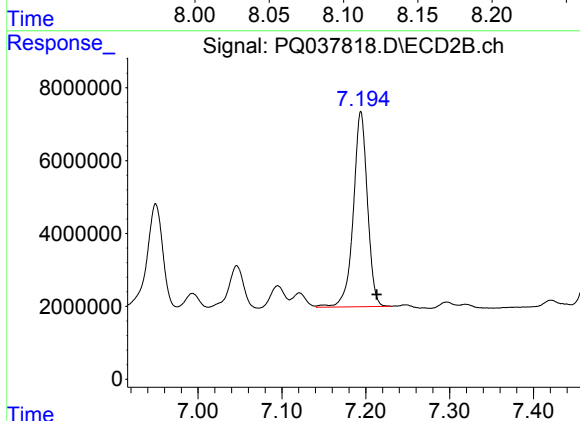
R.T.: 6.950 min
Delta R.T.: -0.020 min
Response: 37640880
Conc: 171.02 ng/ml



#35 AR-1260-5

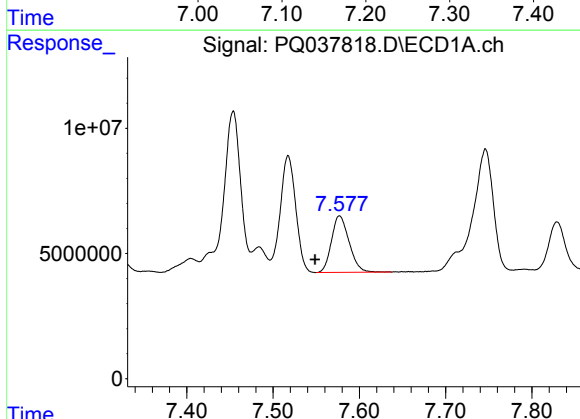
R.T.: 8.098 min
Delta R.T.: 0.008 min
Response: 5652117
Conc: 5.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



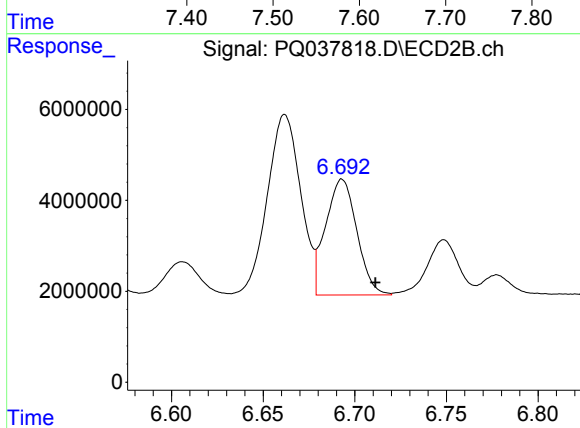
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.019 min
Response: 62574905
Conc: 118.52 ng/ml



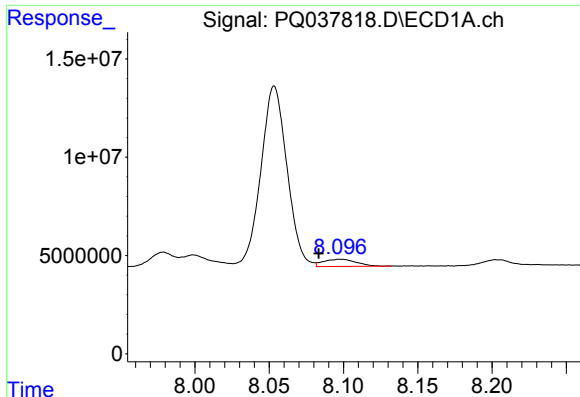
#36 AR-1262-1

R.T.: 7.577 min
Delta R.T.: 0.028 min
Response: 32151369
Conc: 80.49 ng/ml



#36 AR-1262-1

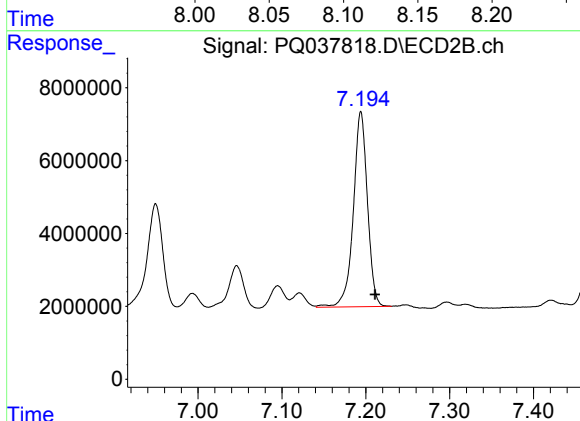
R.T.: 6.693 min
Delta R.T.: -0.018 min
Response: 30238137
Conc: 144.49 ng/ml



#37 AR-1262-2

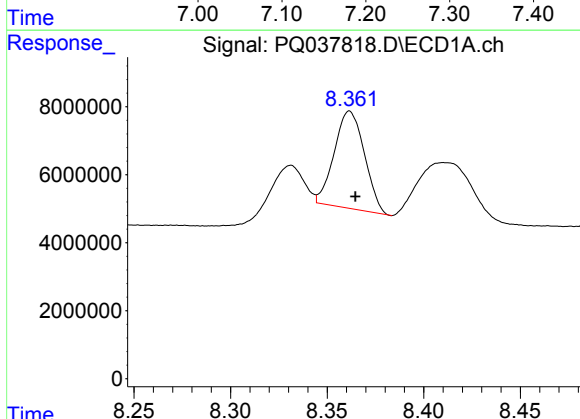
R.T.: 8.098 min
Delta R.T.: 0.014 min
Response: 5652117
Conc: 8.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



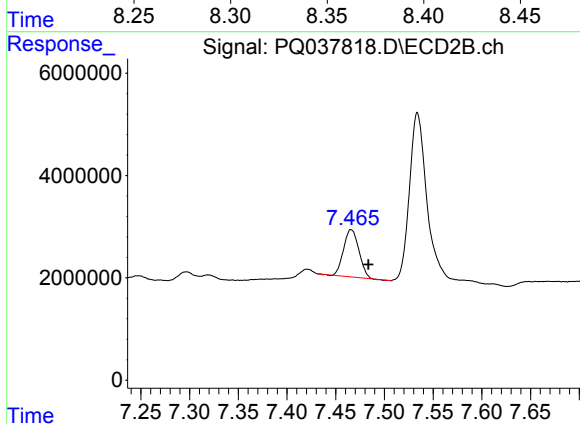
#37 AR-1262-2

R.T.: 7.194 min
Delta R.T.: -0.017 min
Response: 62574905
Conc: 168.91 ng/ml



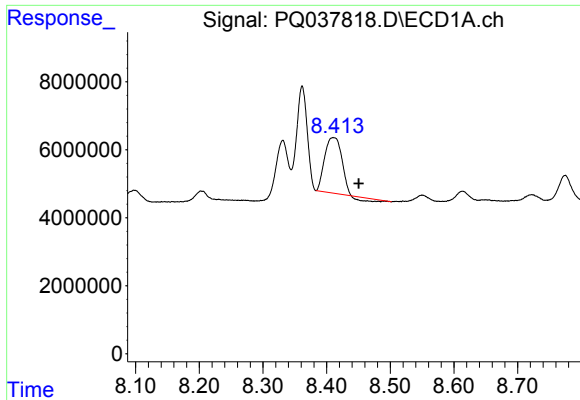
#38 AR-1262-3

R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 31159375
Conc: 104.06 ng/ml



#38 AR-1262-3

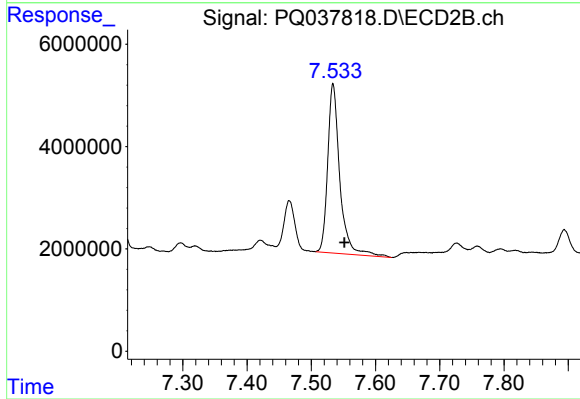
R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 10098559
Conc: 69.09 ng/ml



#39 AR-1262-4

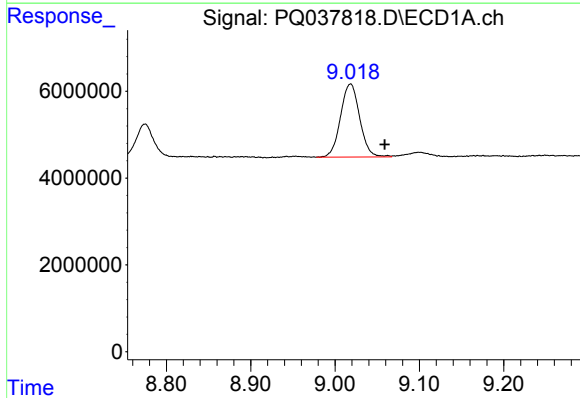
R.T.: 8.411 min
Delta R.T.: -0.040 min
Response: 28678789
Conc: 81.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



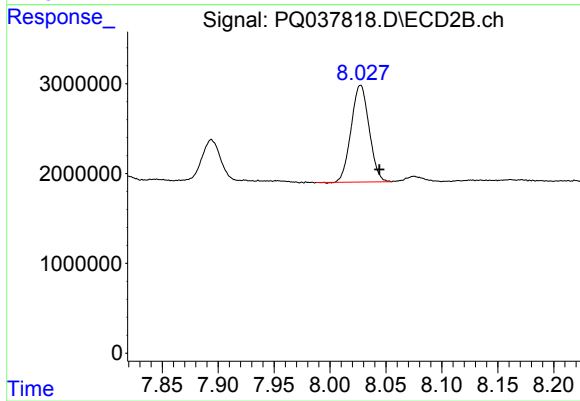
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: -0.018 min
Response: 43205891
Conc: 162.01 ng/ml



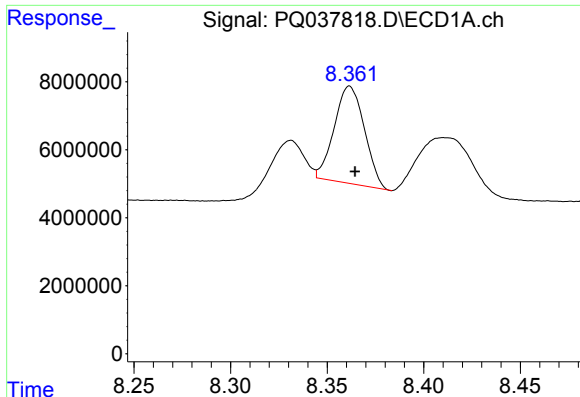
#40 AR-1262-5

R.T.: 9.018 min
Delta R.T.: -0.040 min
Response: 26619042
Conc: 111.62 ng/ml



#40 AR-1262-5

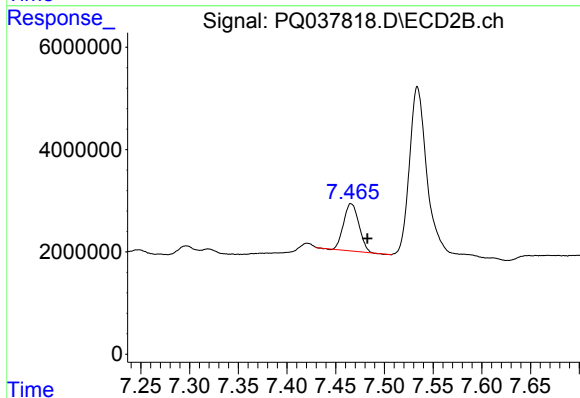
R.T.: 8.027 min
Delta R.T.: -0.017 min
Response: 12077402
Conc: 103.38 ng/ml



#41 AR-1268-1

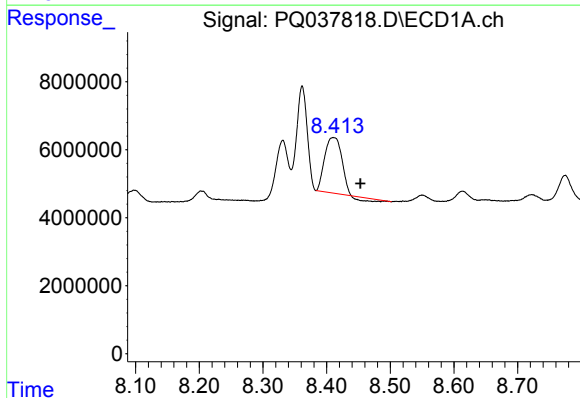
R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 31159375
Conc: 23.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



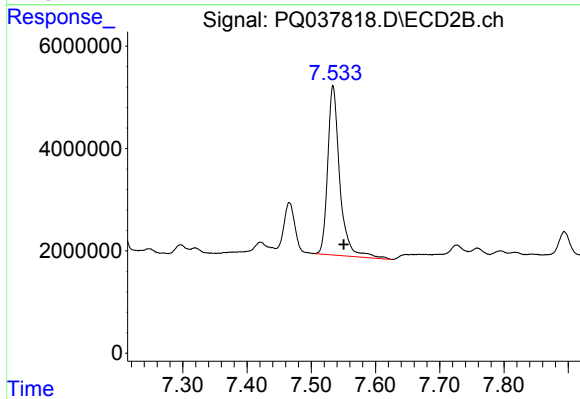
#41 AR-1268-1

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 10098559
Conc: 15.42 ng/ml



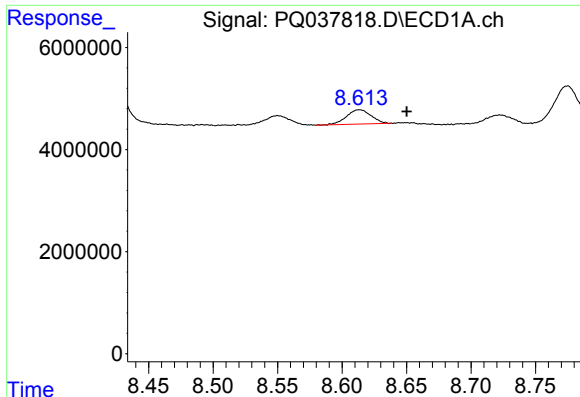
#42 AR-1268-2

R.T.: 8.411 min
Delta R.T.: -0.042 min
Response: 28678789
Conc: 23.28 ng/ml



#42 AR-1268-2

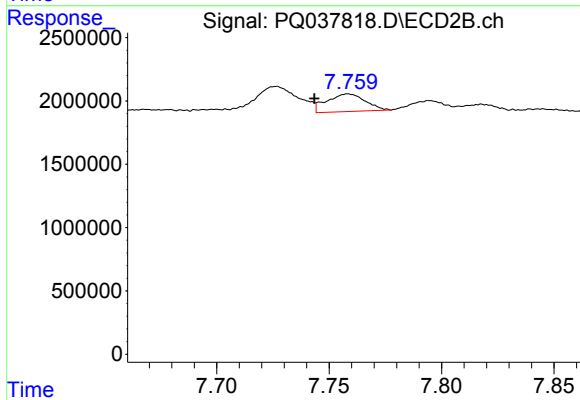
R.T.: 7.534 min
Delta R.T.: -0.016 min
Response: 43205891
Conc: 72.25 ng/ml



#43 AR-1268-3

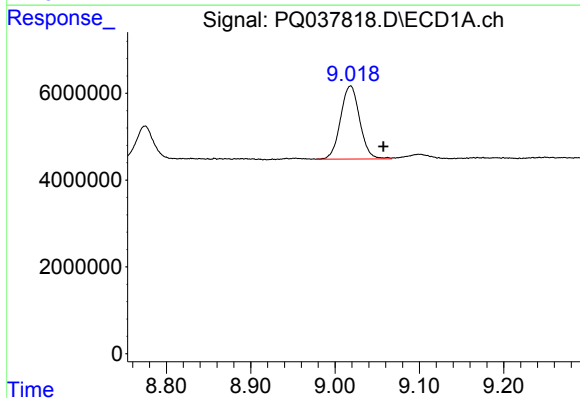
R.T.: 8.614 min
Delta R.T.: -0.037 min
Response: 3706115
Conc: 3.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



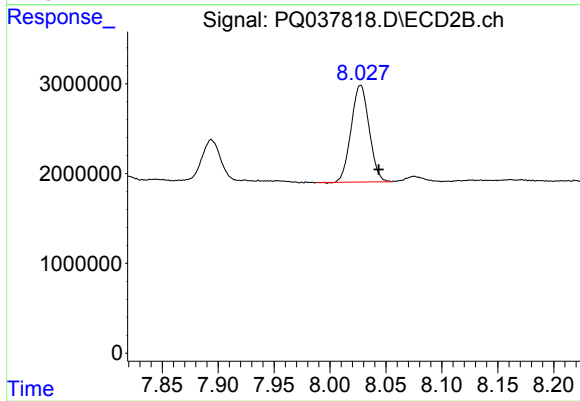
#43 AR-1268-3

R.T.: 7.758 min
Delta R.T.: 0.015 min
Response: 1658855
Conc: 3.33 ng/ml



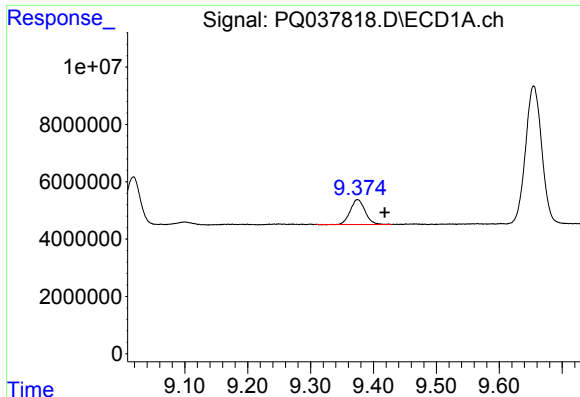
#44 AR-1268-4

R.T.: 9.018 min
Delta R.T.: -0.039 min
Response: 26619042
Conc: 66.74 ng/ml



#44 AR-1268-4

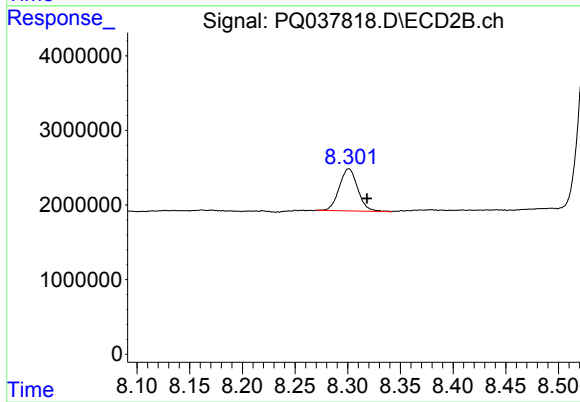
R.T.: 8.027 min
Delta R.T.: -0.016 min
Response: 12077402
Conc: 61.62 ng/ml



#45 AR-1268-5

R.T.: 9.375 min
Delta R.T.: -0.043 min
Response: 14275639
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DB648MS



#45 AR-1268-5

R.T.: 8.301 min
Delta R.T.: -0.017 min
Response: 6872455
Conc: 4.47 ng/ml