

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112618\
 Data File : PQ034967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2018 11:43
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 23:59:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 16 03:52:57 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.536	3.816	74007900	38986834	26.869	23.001
2)	SA Decachlor...	10.323	8.839	91029143	56429512	33.041	28.952
Target Compounds							
3)	L1 AR-1016-1	5.710	4.903	45161819	27779266	482.009	422.875
4)	L1 AR-1016-2	5.732	4.921	67953031	40346174	493.587	432.858
5)	L1 AR-1016-3	5.794	5.099	39457571	19338557	477.696	396.585
6)	L1 AR-1016-4	5.893	5.139	31068679	15224436	458.845	388.525
7)	L1 AR-1016-5	6.187	5.354	31309116	19845952	455.169	382.866
8)	L2 AR-1221-1	4.744	4.027	3645365	2035336	118.485	103.408
9)	L2 AR-1221-2	4.832	4.115	4357896	2607217	206.738	187.747
10)	L2 AR-1221-3	4.910	4.191	21933030	12748395	298.020	263.471
11)	L3 AR-1232-1	4.910	4.191	21933030	12748395	406.066	363.534
12)	L3 AR-1232-2	5.442	4.921	32018585	40346174	1111.628	1041.267
13)	L3 AR-1232-3	5.732	5.099	67953031	19338557	1156.179	963.804
14)	L3 AR-1232-4	5.893	5.180	31068679	18850157	1119.287	1084.769
15)	L3 AR-1232-5	5.981	5.354	26911249	19845952	1227.806	1025.325
16)	L4 AR-1242-1	5.710	4.903	45161819	27779266	593.787	534.507
17)	L4 AR-1242-2	5.732	4.921	67953031	40346174	607.958	541.133
18)	L4 AR-1242-3	5.794	5.099	39457571	19338557	592.715	496.563
19)	L4 AR-1242-4	5.893	5.180	31068679	18850157	567.242	488.172
20)	L4 AR-1242-5	6.629	5.704	8424709	24097292	136.149	484.876 #
21)	L5 AR-1248-1	5.710	4.903	45161819	27779266	760.484	688.241
22)	L5 AR-1248-2	5.981	5.139	26911249	15224436	321.610	276.153
23)	L5 AR-1248-3	6.187	5.180	31309116	18850157	324.417	334.711
24)	L5 AR-1248-4	6.590	5.354	10002306	19845952	91.193	285.973 #
25)	L5 AR-1248-5	6.629	5.745	8424709	5173796	80.820	72.496
26)	L6 AR-1254-1	6.562	5.704	30274409	24097292	270.610	220.461
27)	L6 AR-1254-2	6.779	5.850	26803622	18467018	151.500	193.199 #
28)	L6 AR-1254-3	7.149	6.265	15535469	30732381	80.161	190.069 #
29)	L6 AR-1254-4	7.434	6.483	9443594	4171915	66.532	40.308 #
30)	L6 AR-1254-5	7.852	6.898	81466469	56063952	541.228	395.143 #
31)	L7 AR-1260-1	7.310	6.382	54161289	40579534	390.169	378.477
32)	L7 AR-1260-2	7.565	6.570	65653337	48641931	384.019	362.193
33)	L7 AR-1260-3	7.924	6.723	39598218	43953497	371.556	358.030
34)	L7 AR-1260-4	8.153	7.193	49793776	28255312	375.954	327.598
35)	L7 AR-1260-5	8.482	7.435	95288078	69256103	351.195	315.058
36)	L8 AR-1262-1	7.924	6.932	39598218	32064252	209.252	215.495
37)	L8 AR-1262-2	8.482	7.435	95288078	69256103	271.248	251.539
38)	L8 AR-1262-3	8.820	7.715	57205710	12090413	248.965	111.806 #
39)	L8 AR-1262-4	8.874	7.781	30877485	47302318	181.161	236.163 #
40)	L8 AR-1262-5	9.562	8.283	19733898	12737460	161.818	139.883
41)	L9 AR-1268-1	8.820	7.715	57205710	12090413	132.757	36.304 #

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 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	8.874	7.781	30877485	47302318	79.547	158.381 #
44) L9	AR-1268-4	9.562	8.283	19733898	12737460	142.881	119.760
45) L9	AR-1268-5	9.982	8.581	4592824	3224311	4.167	4.053

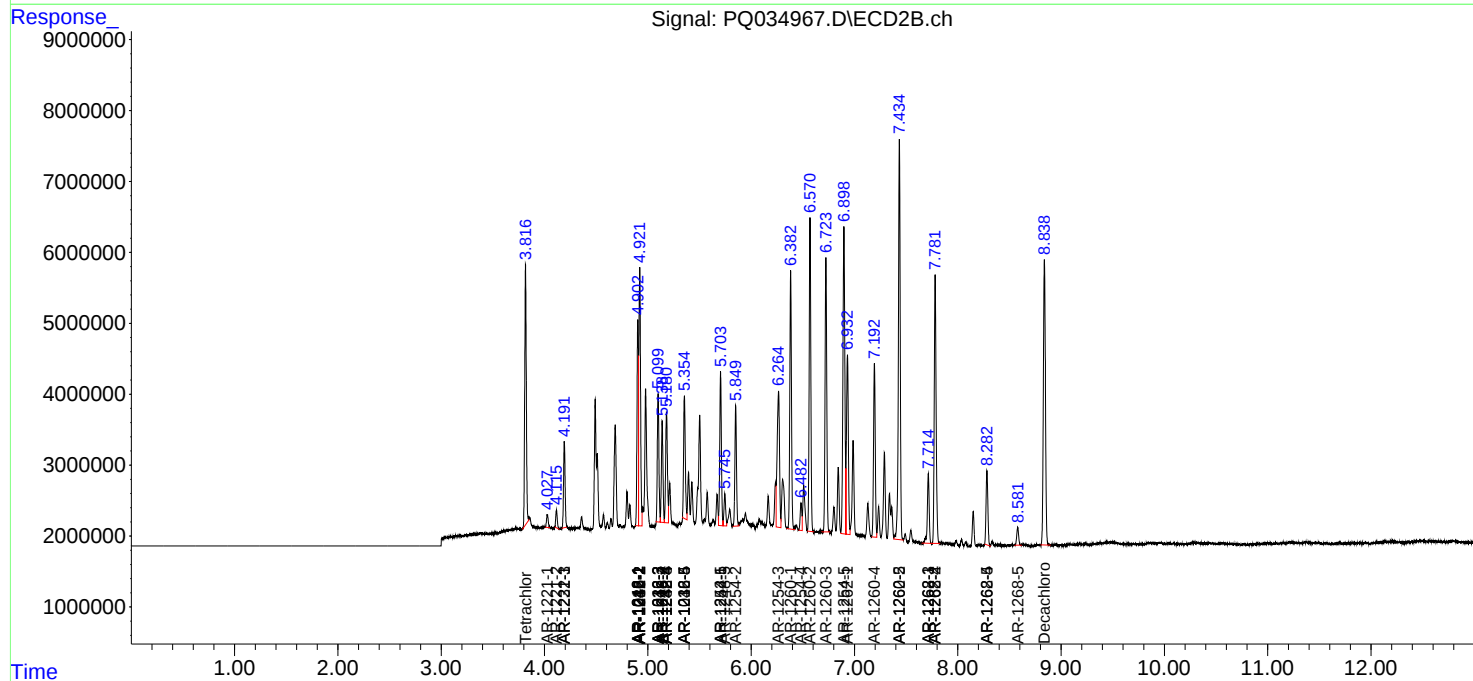
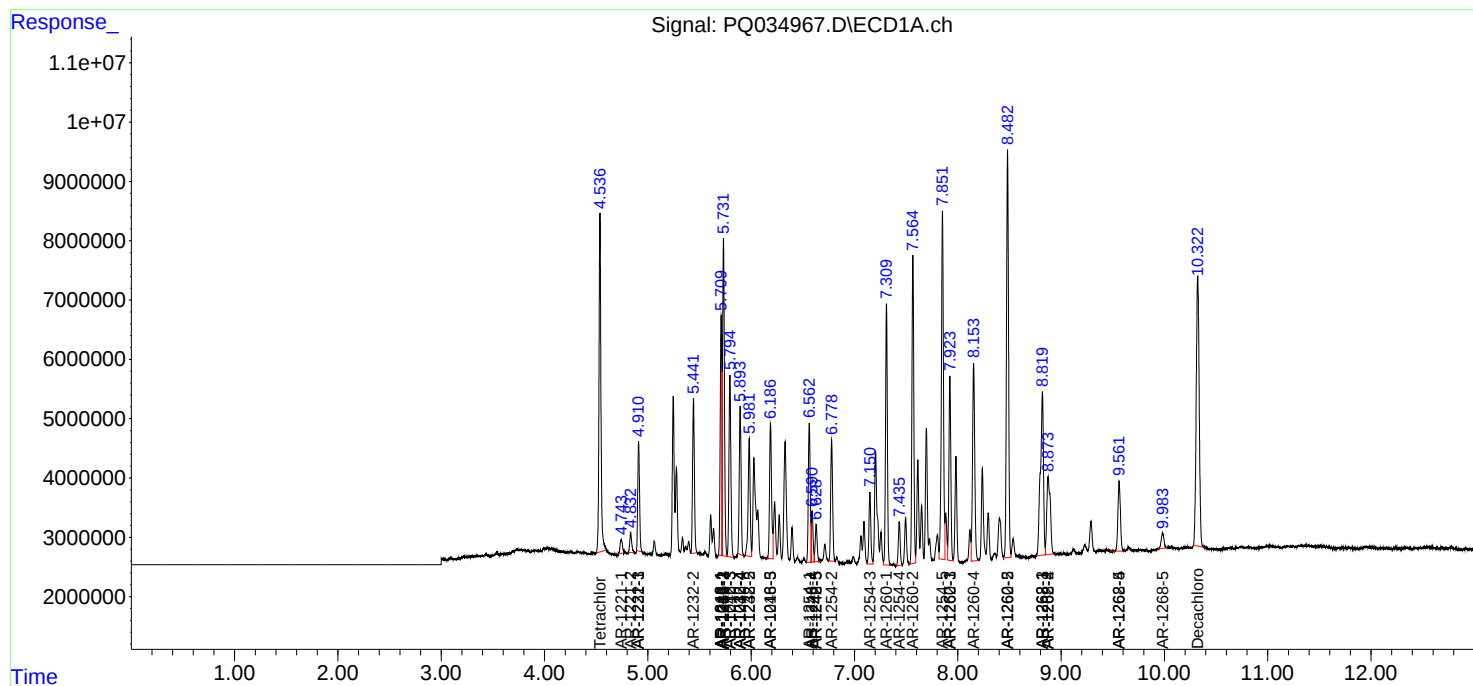
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

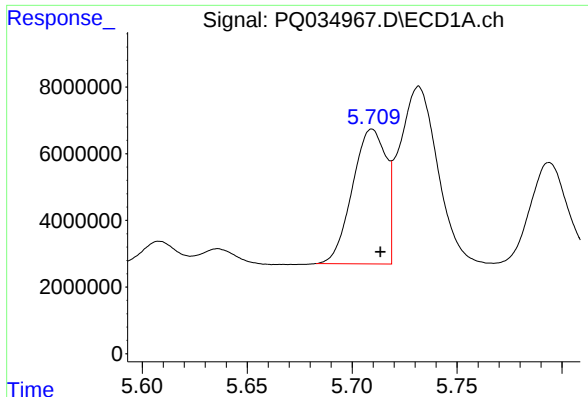
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112618\
Data File : PQ034967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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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

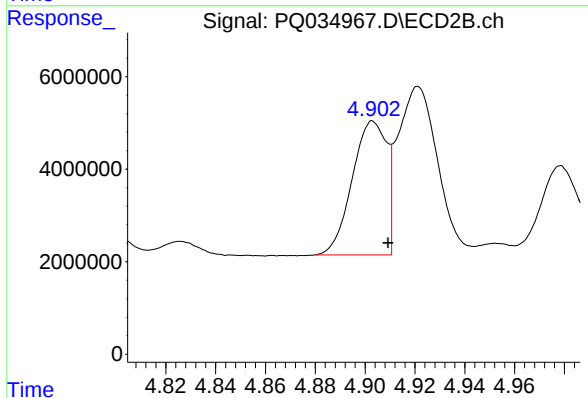




#3 AR-1016-1

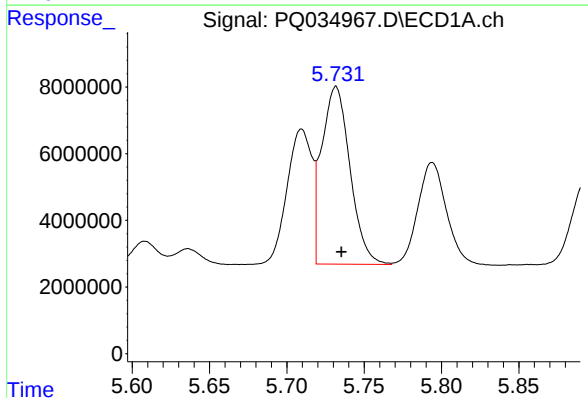
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 45161819
Conc: 482.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



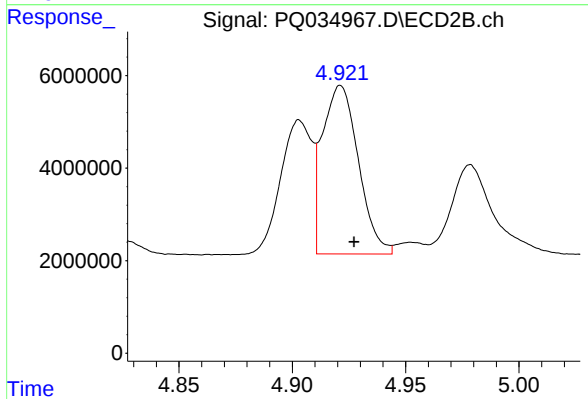
#3 AR-1016-1

R.T.: 4.903 min
Delta R.T.: -0.006 min
Response: 27779266
Conc: 422.87 ng/ml



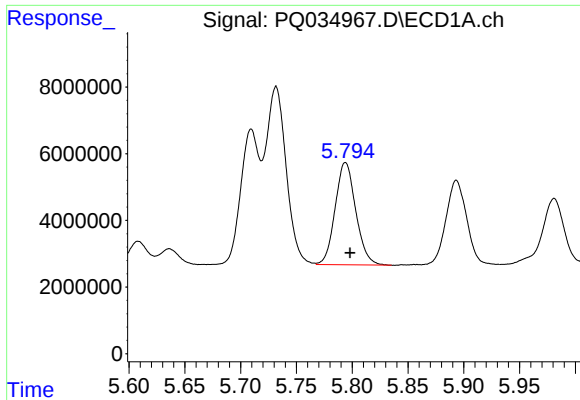
#4 AR-1016-2

R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 67953031
Conc: 493.59 ng/ml



#4 AR-1016-2

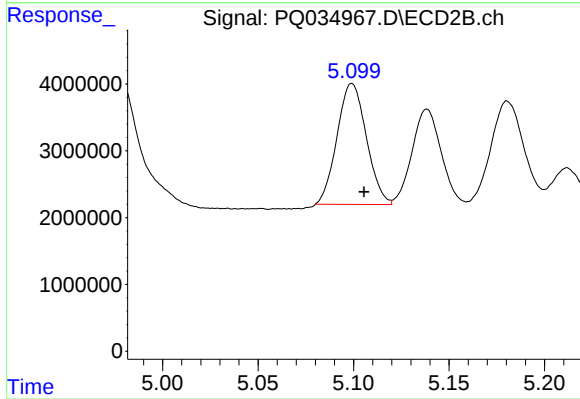
R.T.: 4.921 min
Delta R.T.: -0.006 min
Response: 40346174
Conc: 432.86 ng/ml



#5 AR-1016-3

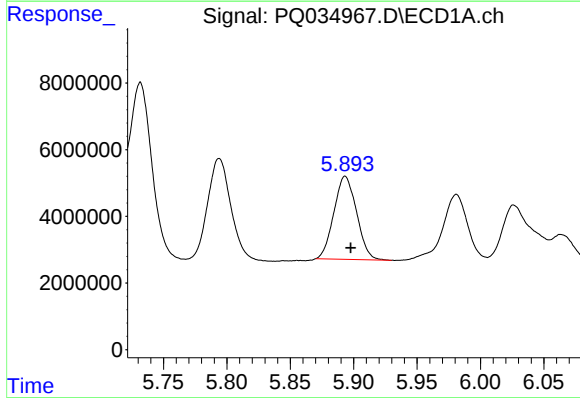
R.T.: 5.794 min
Delta R.T.: -0.004 min
Response: 39457571
Conc: 477.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



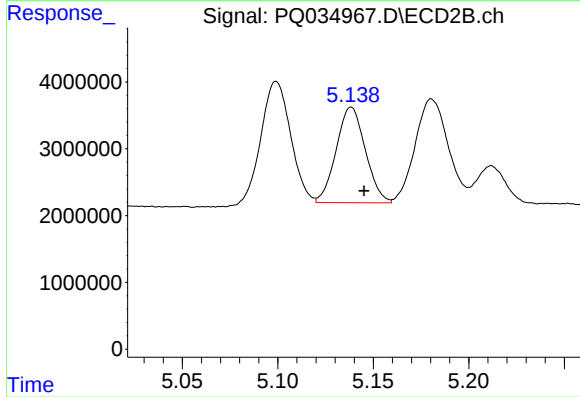
#5 AR-1016-3

R.T.: 5.099 min
Delta R.T.: -0.006 min
Response: 19338557
Conc: 396.59 ng/ml



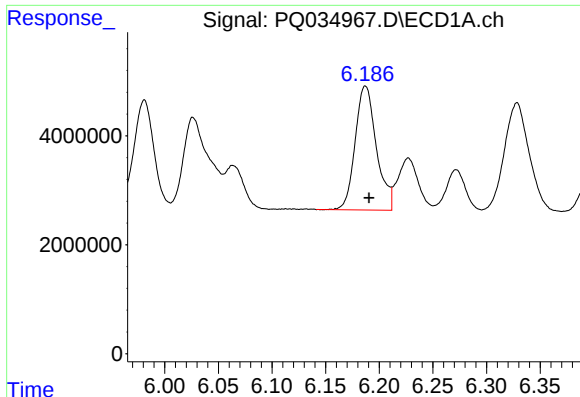
#6 AR-1016-4

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 31068679
Conc: 458.84 ng/ml



#6 AR-1016-4

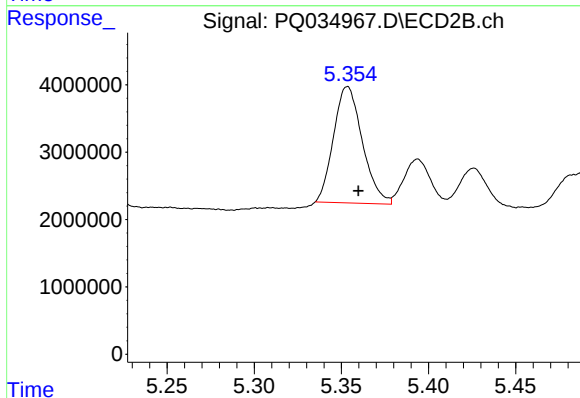
R.T.: 5.139 min
Delta R.T.: -0.007 min
Response: 15224436
Conc: 388.53 ng/ml



#7 AR-1016-5

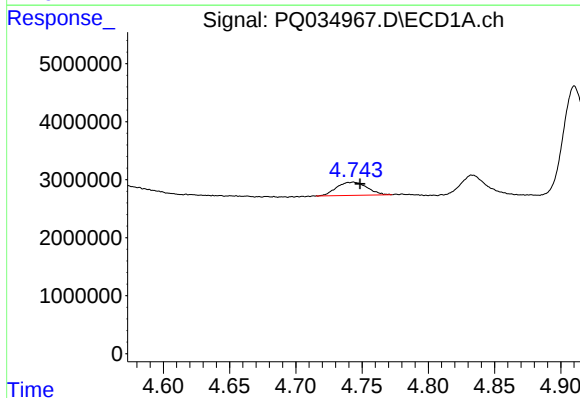
R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 31309116
Conc: 455.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



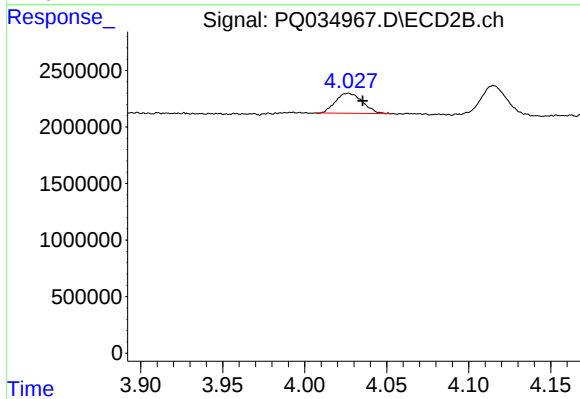
#7 AR-1016-5

R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 19845952
Conc: 382.87 ng/ml



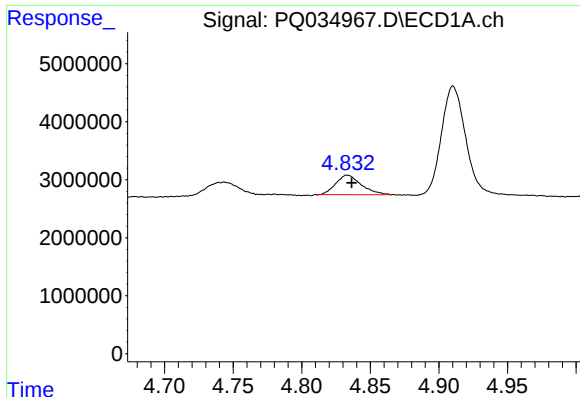
#8 AR-1221-1

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 3645365
Conc: 118.49 ng/ml



#8 AR-1221-1

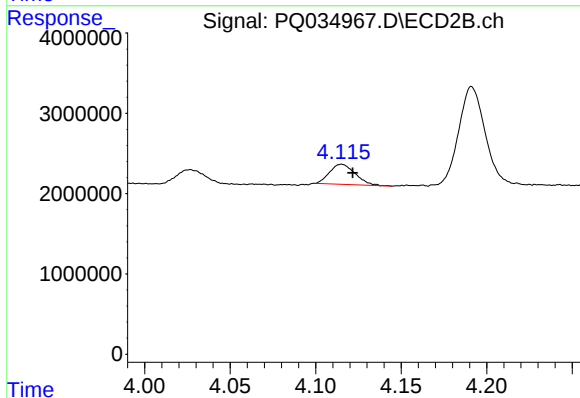
R.T.: 4.027 min
Delta R.T.: -0.009 min
Response: 2035336
Conc: 103.41 ng/ml



#9 AR-1221-2

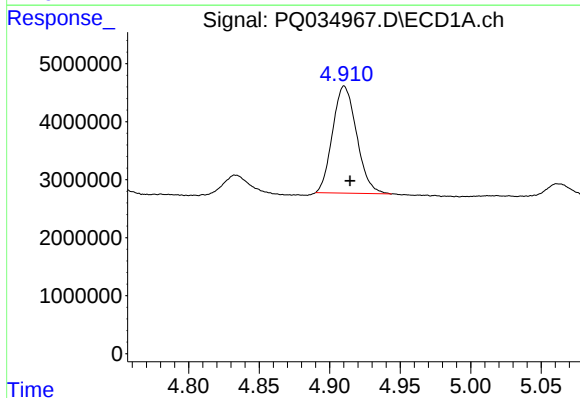
R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 4357896
Conc: 206.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



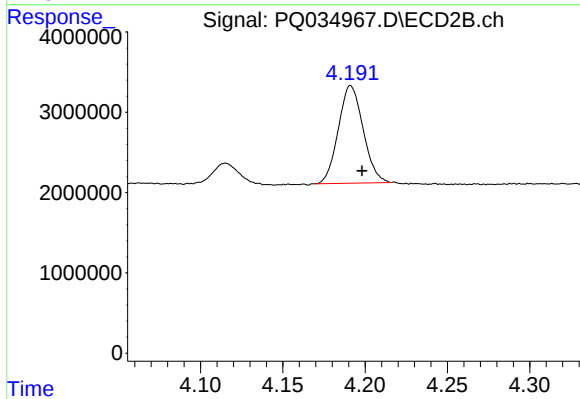
#9 AR-1221-2

R.T.: 4.115 min
Delta R.T.: -0.006 min
Response: 2607217
Conc: 187.75 ng/ml



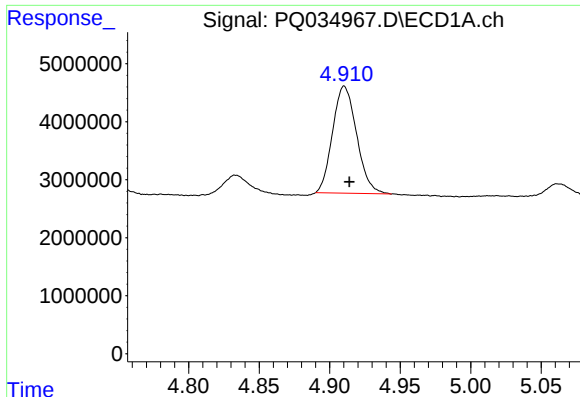
#10 AR-1221-3

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 21933030
Conc: 298.02 ng/ml



#10 AR-1221-3

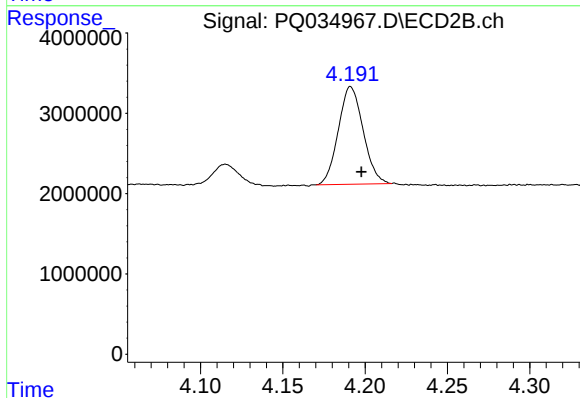
R.T.: 4.191 min
Delta R.T.: -0.007 min
Response: 12748395
Conc: 263.47 ng/ml



#11 AR-1232-1

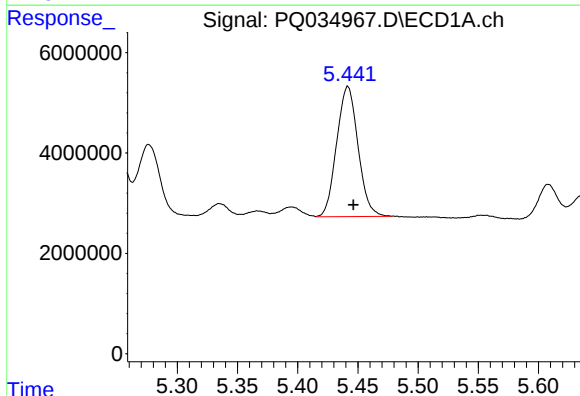
R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 21933030
Conc: 406.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



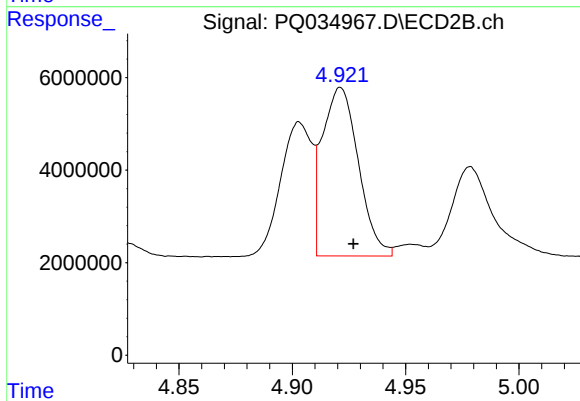
#11 AR-1232-1

R.T.: 4.191 min
Delta R.T.: -0.007 min
Response: 12748395
Conc: 363.53 ng/ml



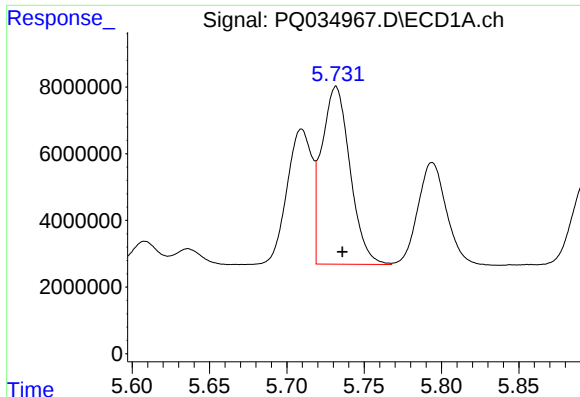
#12 AR-1232-2

R.T.: 5.442 min
Delta R.T.: -0.005 min
Response: 32018585
Conc: 1111.63 ng/ml



#12 AR-1232-2

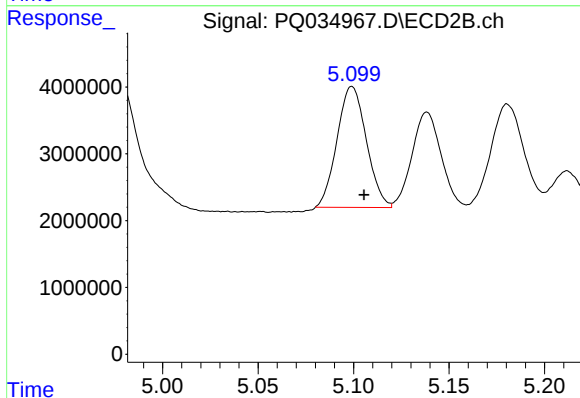
R.T.: 4.921 min
Delta R.T.: -0.006 min
Response: 40346174
Conc: 1041.27 ng/ml



#13 AR-1232-3

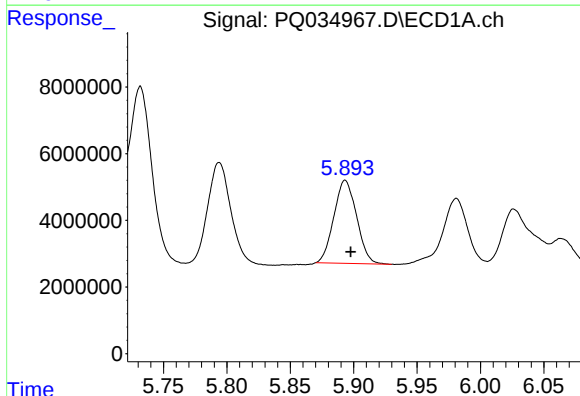
R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 67953031
Conc: 1156.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



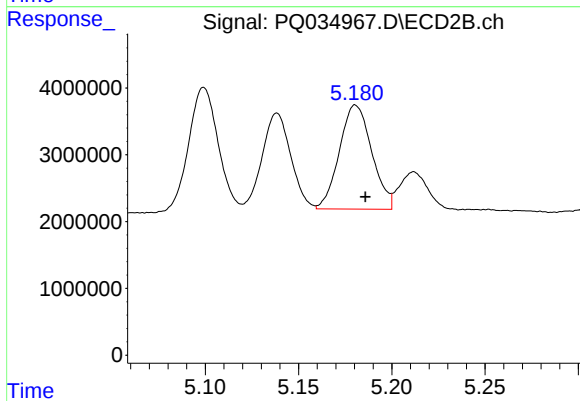
#13 AR-1232-3

R.T.: 5.099 min
Delta R.T.: -0.006 min
Response: 19338557
Conc: 963.80 ng/ml



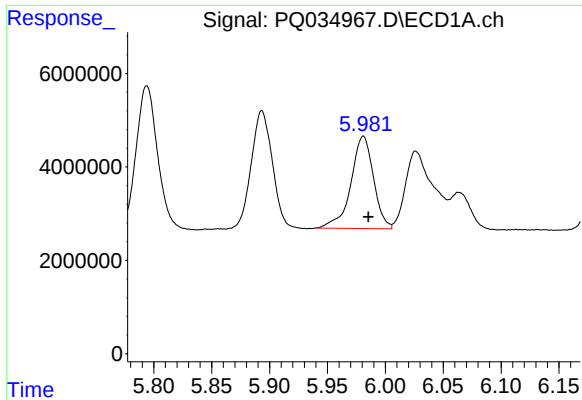
#14 AR-1232-4

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 31068679
Conc: 1119.29 ng/ml



#14 AR-1232-4

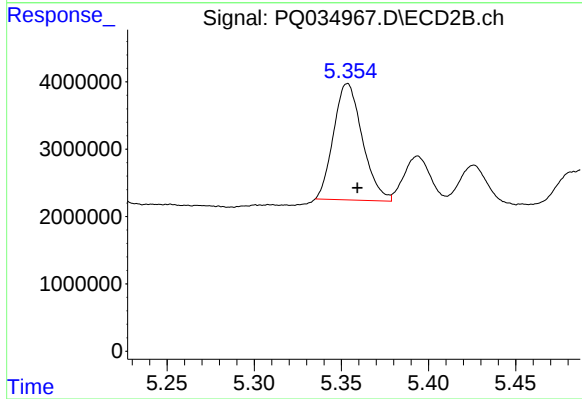
R.T.: 5.180 min
Delta R.T.: -0.006 min
Response: 18850157
Conc: 1084.77 ng/ml



#15 AR-1232-5

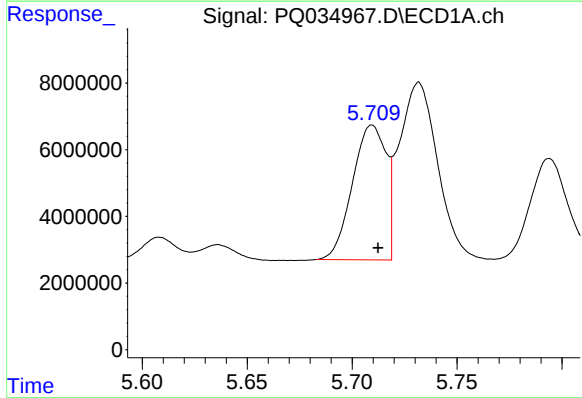
R.T.: 5.981 min
Delta R.T.: -0.004 min
Response: 26911249
Conc: 1227.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



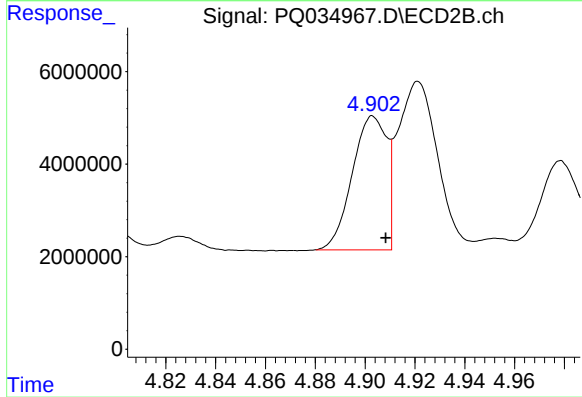
#15 AR-1232-5

R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 19845952
Conc: 1025.33 ng/ml



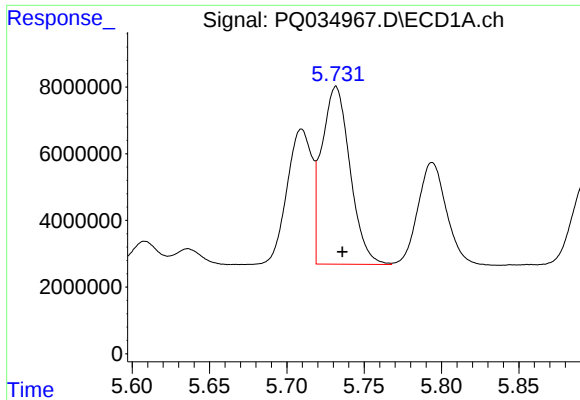
#16 AR-1242-1

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 45161819
Conc: 593.79 ng/ml



#16 AR-1242-1

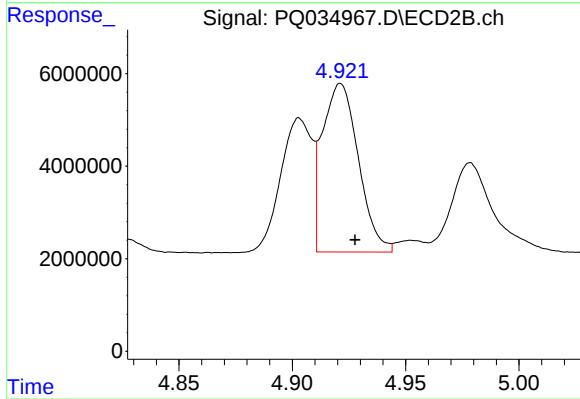
R.T.: 4.903 min
Delta R.T.: -0.005 min
Response: 27779266
Conc: 534.51 ng/ml



#17 AR-1242-2

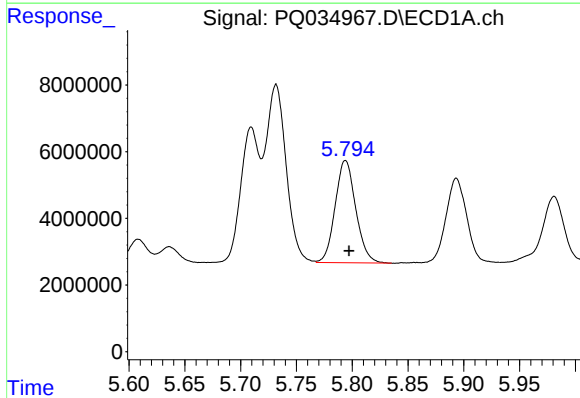
R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 67953031
Conc: 607.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



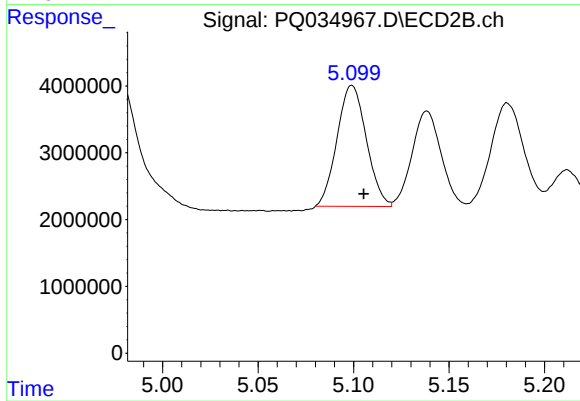
#17 AR-1242-2

R.T.: 4.921 min
Delta R.T.: -0.006 min
Response: 40346174
Conc: 541.13 ng/ml



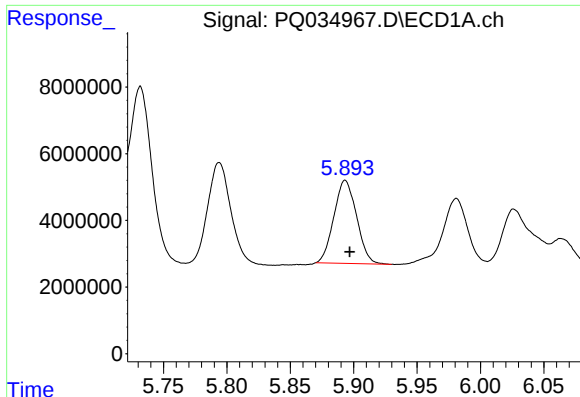
#18 AR-1242-3

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 39457571
Conc: 592.72 ng/ml



#18 AR-1242-3

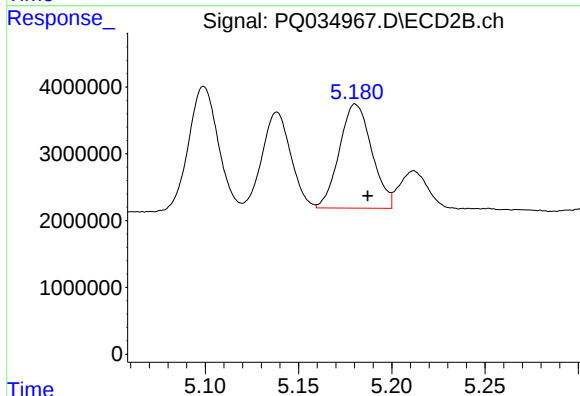
R.T.: 5.099 min
Delta R.T.: -0.006 min
Response: 19338557
Conc: 496.56 ng/ml



#19 AR-1242-4

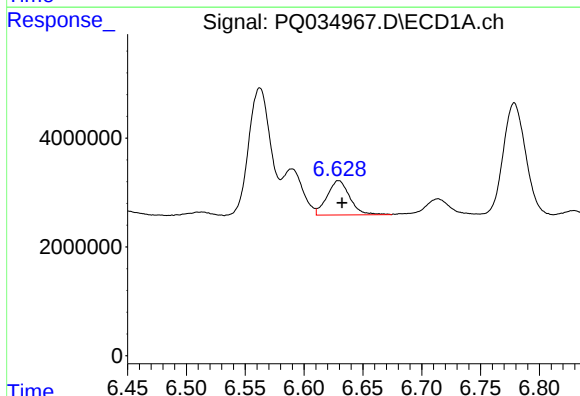
R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 31068679
Conc: 567.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



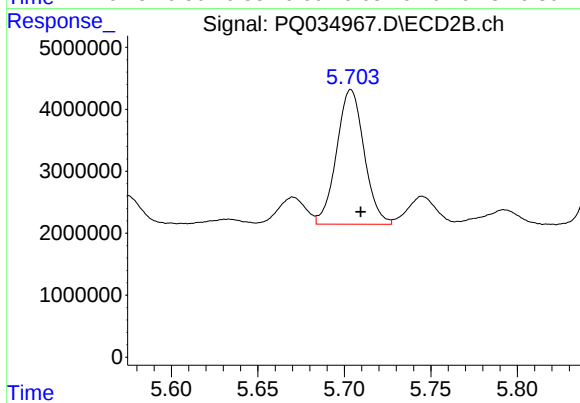
#19 AR-1242-4

R.T.: 5.180 min
Delta R.T.: -0.007 min
Response: 18850157
Conc: 488.17 ng/ml



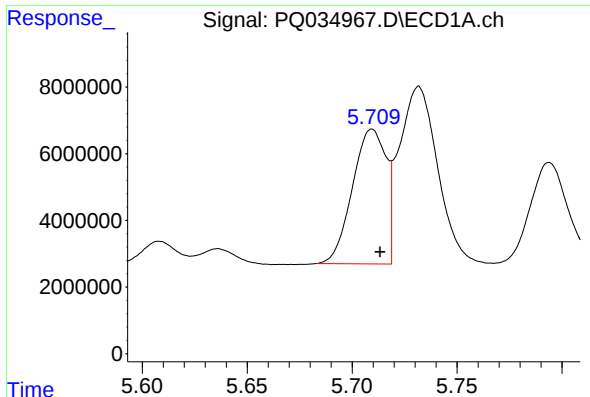
#20 AR-1242-5

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 8424709
Conc: 136.15 ng/ml



#20 AR-1242-5

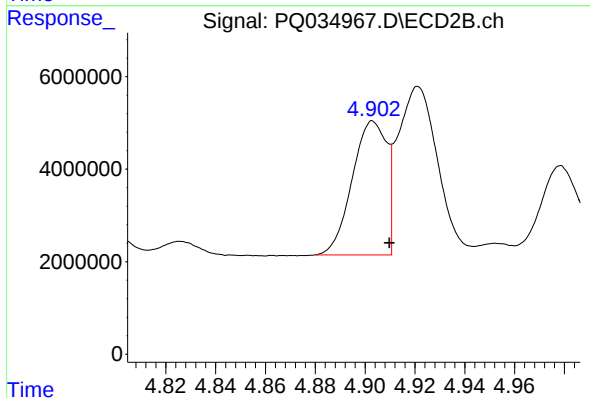
R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 24097292
Conc: 484.88 ng/ml



#21 AR-1248-1

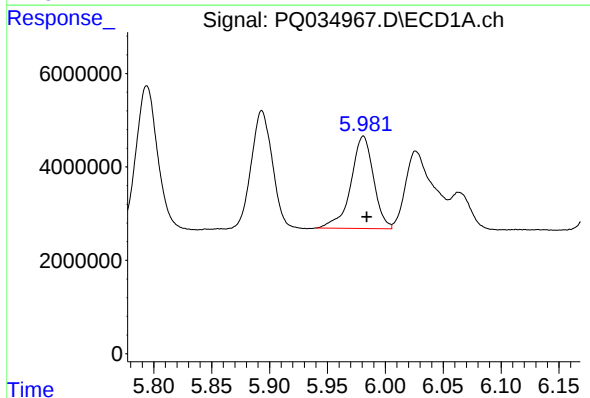
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 45161819
Conc: 760.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



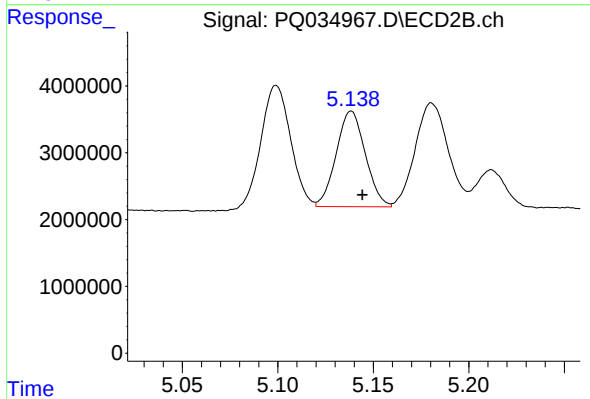
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: -0.007 min
Response: 27779266
Conc: 688.24 ng/ml



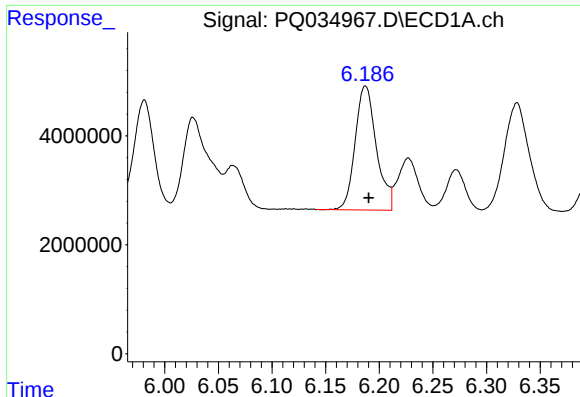
#22 AR-1248-2

R.T.: 5.981 min
Delta R.T.: -0.003 min
Response: 26911249
Conc: 321.61 ng/ml



#22 AR-1248-2

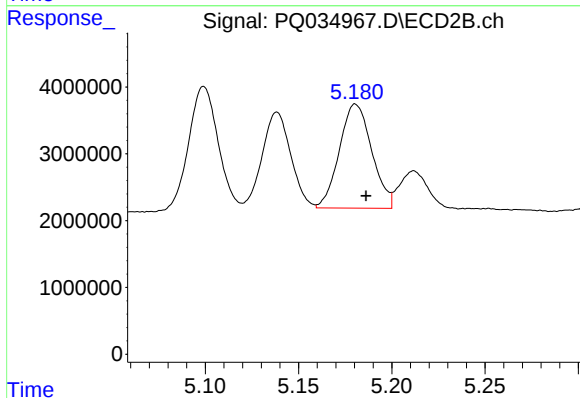
R.T.: 5.139 min
Delta R.T.: -0.006 min
Response: 15224436
Conc: 276.15 ng/ml



#23 AR-1248-3

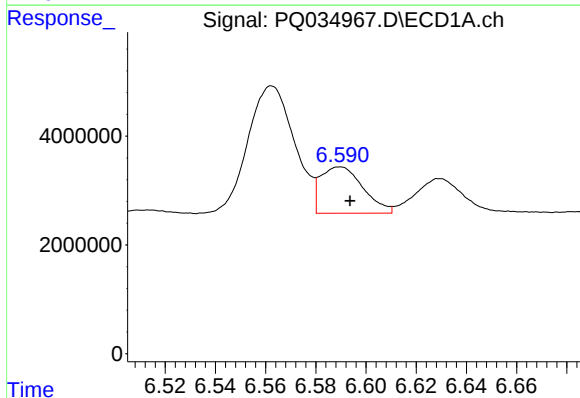
R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 31309116
Conc: 324.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



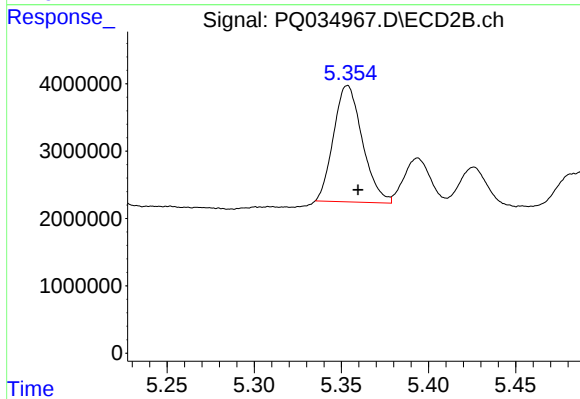
#23 AR-1248-3

R.T.: 5.180 min
Delta R.T.: -0.006 min
Response: 18850157
Conc: 334.71 ng/ml



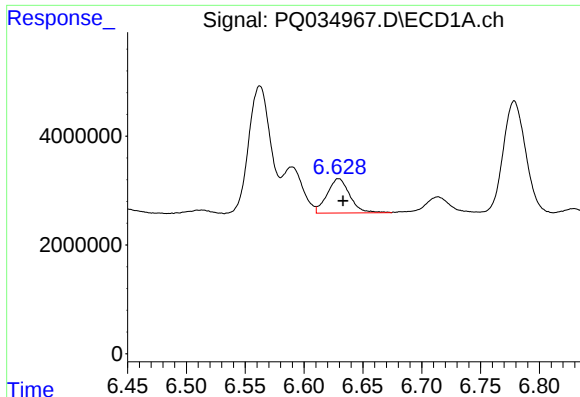
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 10002306
Conc: 91.19 ng/ml



#24 AR-1248-4

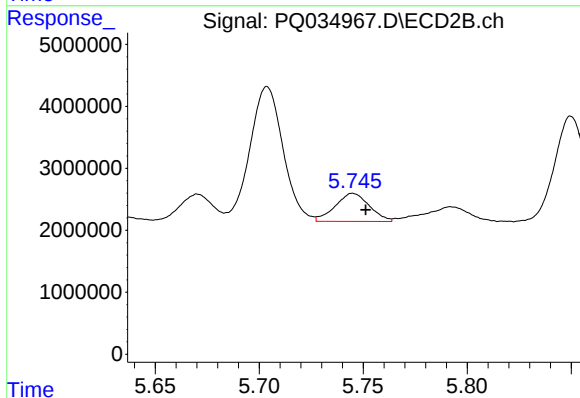
R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 19845952
Conc: 285.97 ng/ml



#25 AR-1248-5

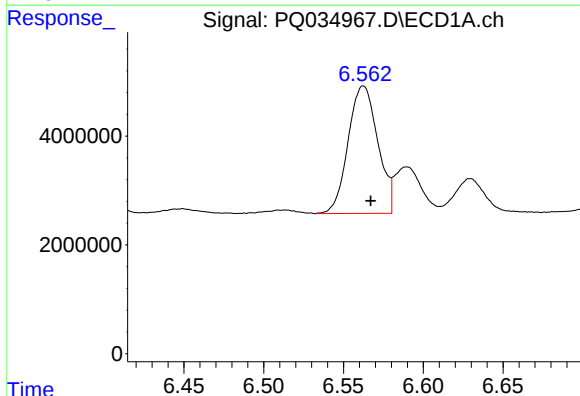
R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 8424709
Conc: 80.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



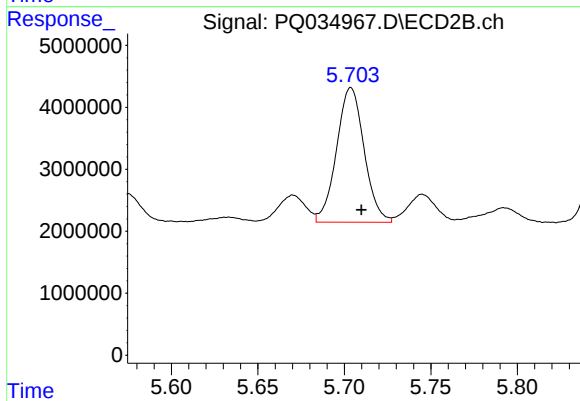
#25 AR-1248-5

R.T.: 5.745 min
Delta R.T.: -0.006 min
Response: 5173796
Conc: 72.50 ng/ml



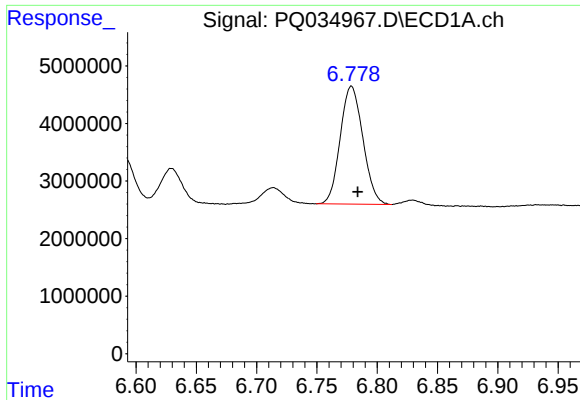
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 30274409
Conc: 270.61 ng/ml



#26 AR-1254-1

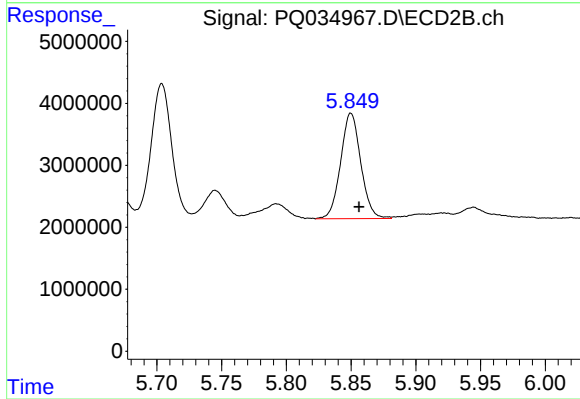
R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 24097292
Conc: 220.46 ng/ml



#27 AR-1254-2

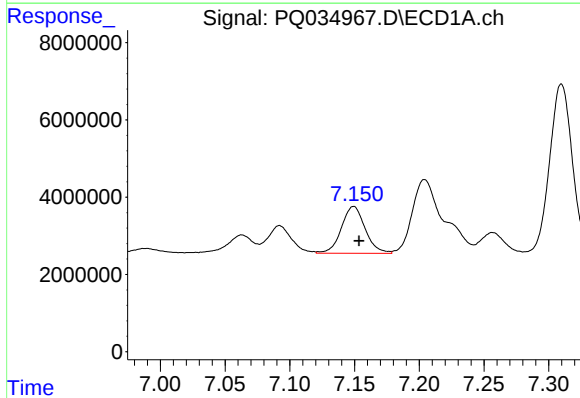
R.T.: 6.779 min
Delta R.T.: -0.005 min
Response: 26803622
Conc: 151.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



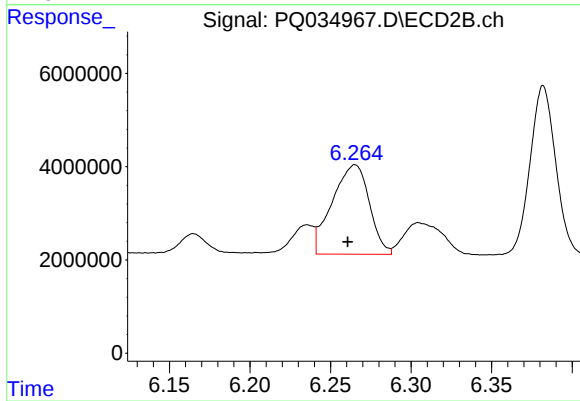
#27 AR-1254-2

R.T.: 5.850 min
Delta R.T.: -0.006 min
Response: 18467018
Conc: 193.20 ng/ml



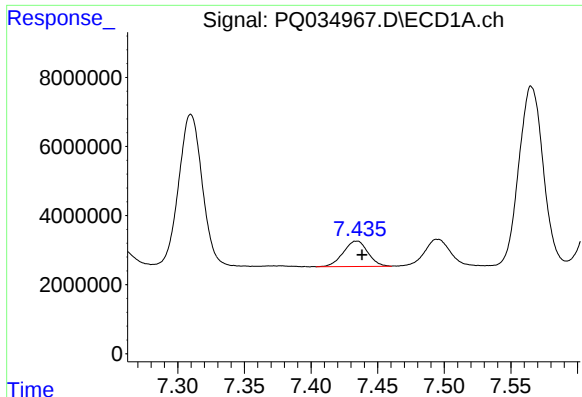
#28 AR-1254-3

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 15535469
Conc: 80.16 ng/ml



#28 AR-1254-3

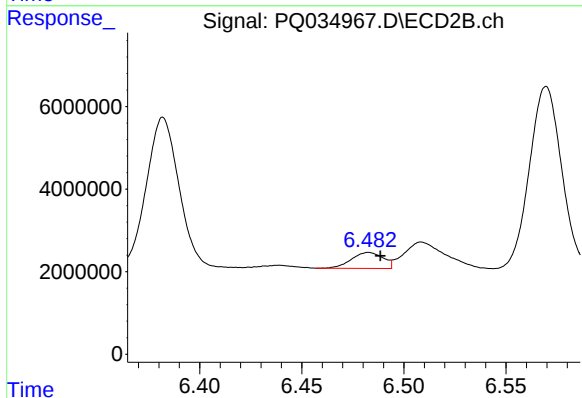
R.T.: 6.265 min
Delta R.T.: 0.005 min
Response: 30732381
Conc: 190.07 ng/ml



#29 AR-1254-4

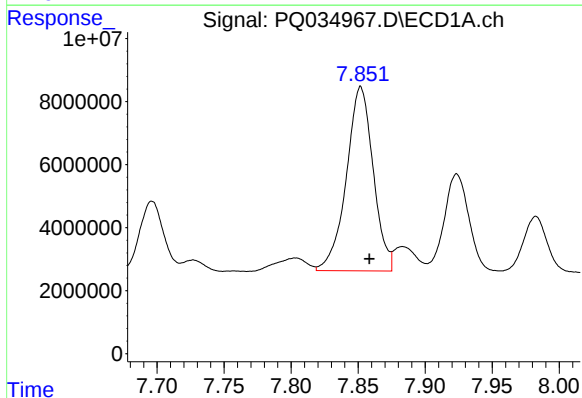
R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 9443594
Conc: 66.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



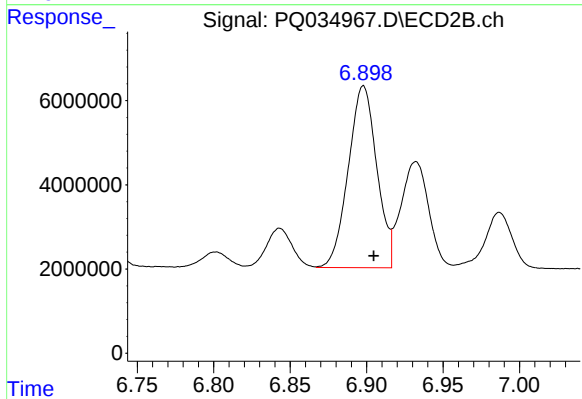
#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: -0.006 min
Response: 4171915
Conc: 40.31 ng/ml



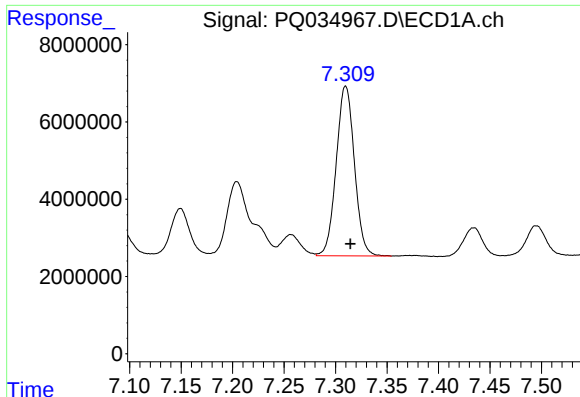
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: -0.007 min
Response: 81466469
Conc: 541.23 ng/ml



#30 AR-1254-5

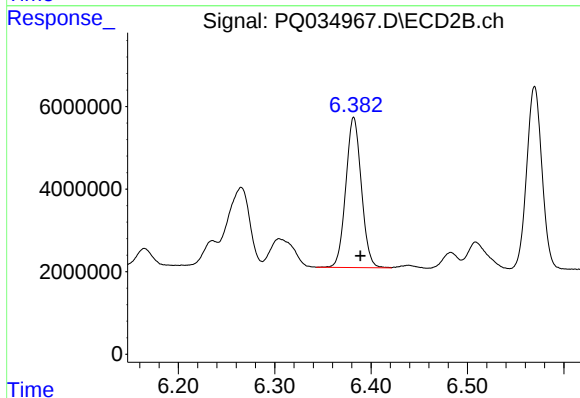
R.T.: 6.898 min
Delta R.T.: -0.007 min
Response: 56063952
Conc: 395.14 ng/ml



#31 AR-1260-1

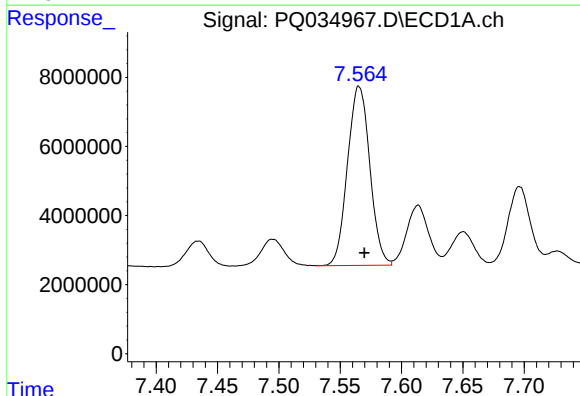
R.T.: 7.310 min
Delta R.T.: -0.005 min
Response: 54161289
Conc: 390.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



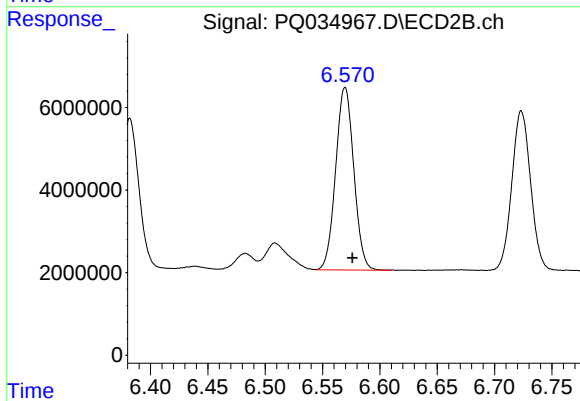
#31 AR-1260-1

R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 40579534
Conc: 378.48 ng/ml



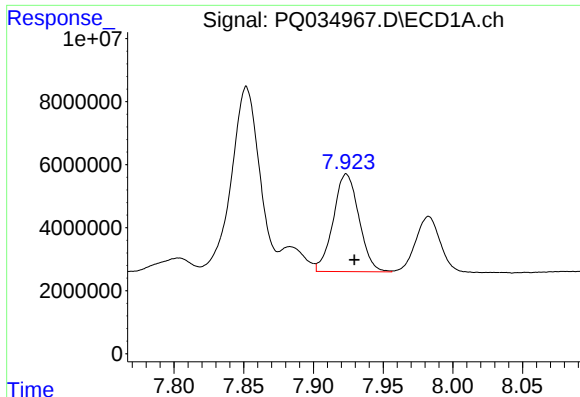
#32 AR-1260-2

R.T.: 7.565 min
Delta R.T.: -0.004 min
Response: 65653337
Conc: 384.02 ng/ml



#32 AR-1260-2

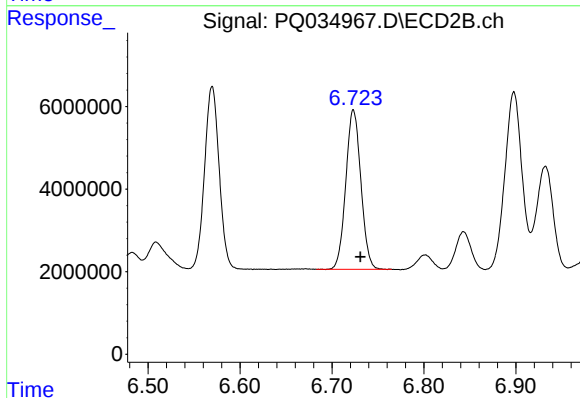
R.T.: 6.570 min
Delta R.T.: -0.006 min
Response: 48641931
Conc: 362.19 ng/ml



#33 AR-1260-3

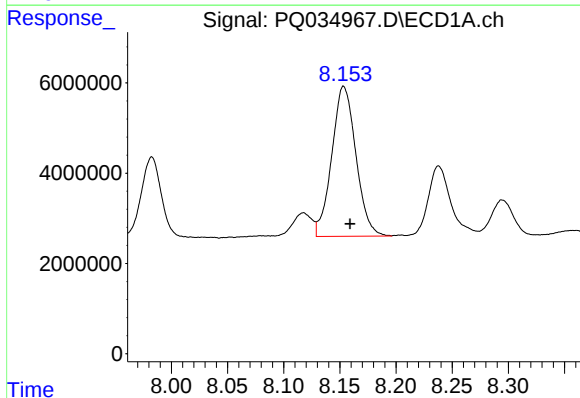
R.T.: 7.924 min
Delta R.T.: -0.006 min
Response: 39598218
Conc: 371.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



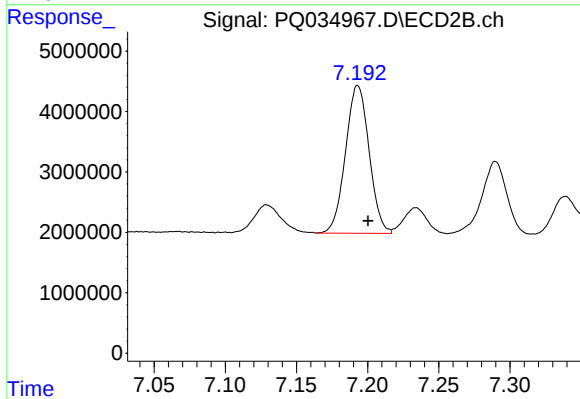
#33 AR-1260-3

R.T.: 6.723 min
Delta R.T.: -0.008 min
Response: 43953497
Conc: 358.03 ng/ml



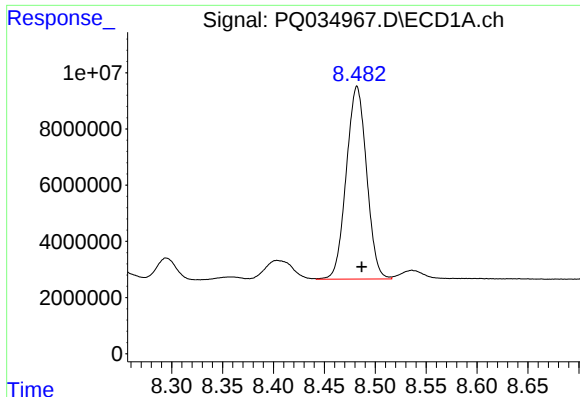
#34 AR-1260-4

R.T.: 8.153 min
Delta R.T.: -0.006 min
Response: 49793776
Conc: 375.95 ng/ml



#34 AR-1260-4

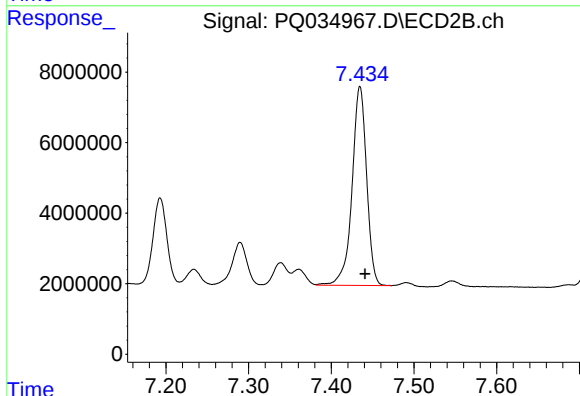
R.T.: 7.193 min
Delta R.T.: -0.007 min
Response: 28255312
Conc: 327.60 ng/ml



#35 AR-1260-5

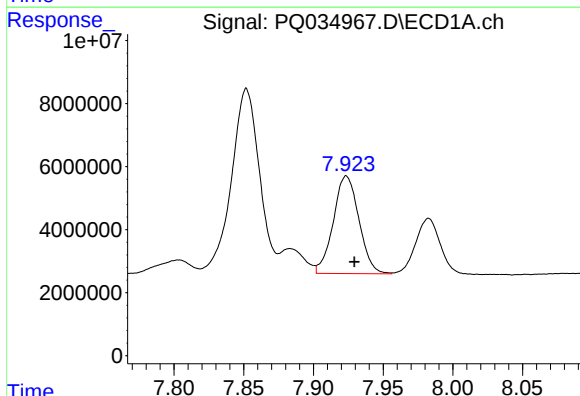
R.T.: 8.482 min
Delta R.T.: -0.005 min
Response: 95288078
Conc: 351.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



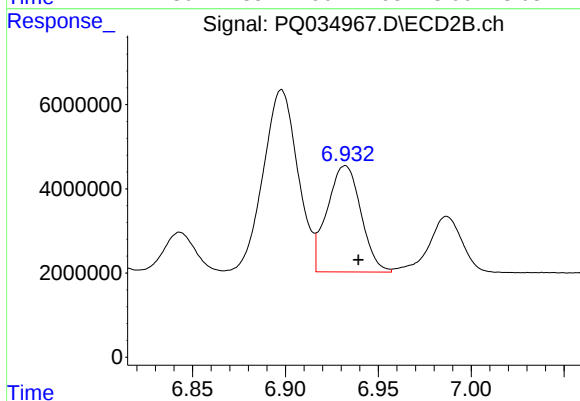
#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 69256103
Conc: 315.06 ng/ml



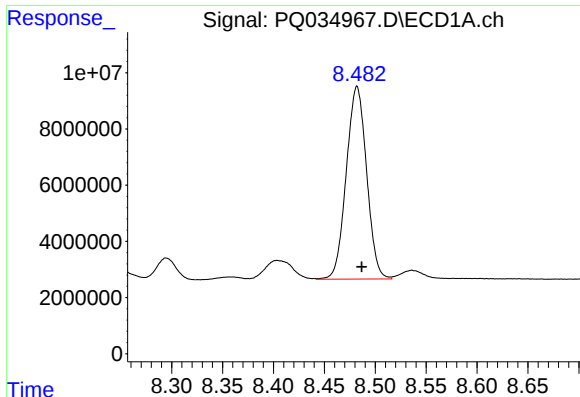
#36 AR-1262-1

R.T.: 7.924 min
Delta R.T.: -0.006 min
Response: 39598218
Conc: 209.25 ng/ml



#36 AR-1262-1

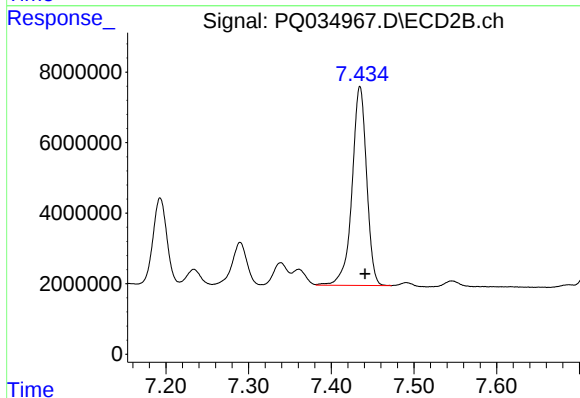
R.T.: 6.932 min
Delta R.T.: -0.007 min
Response: 32064252
Conc: 215.49 ng/ml



#37 AR-1262-2

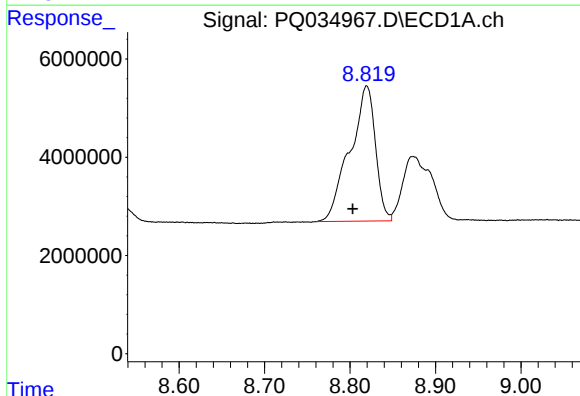
R.T.: 8.482 min
Delta R.T.: -0.005 min
Response: 95288078
Conc: 271.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



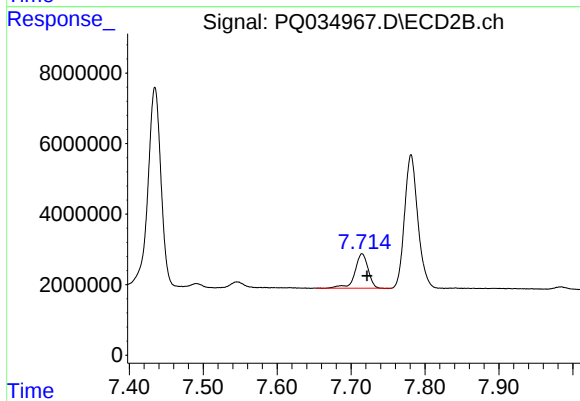
#37 AR-1262-2

R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 69256103
Conc: 251.54 ng/ml



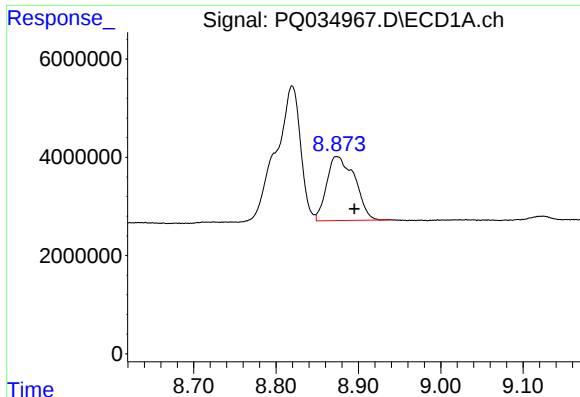
#38 AR-1262-3

R.T.: 8.820 min
Delta R.T.: 0.016 min
Response: 57205710
Conc: 248.97 ng/ml



#38 AR-1262-3

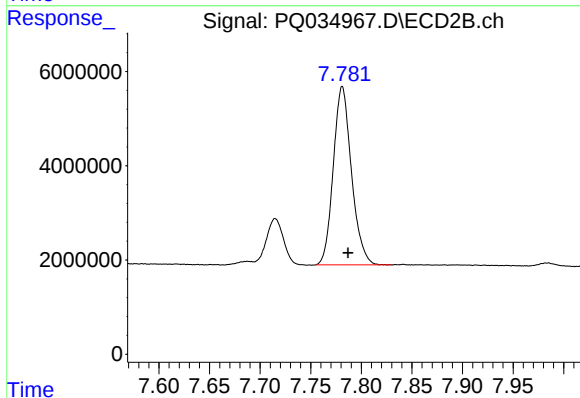
R.T.: 7.715 min
Delta R.T.: -0.007 min
Response: 12090413
Conc: 111.81 ng/ml



#39 AR-1262-4

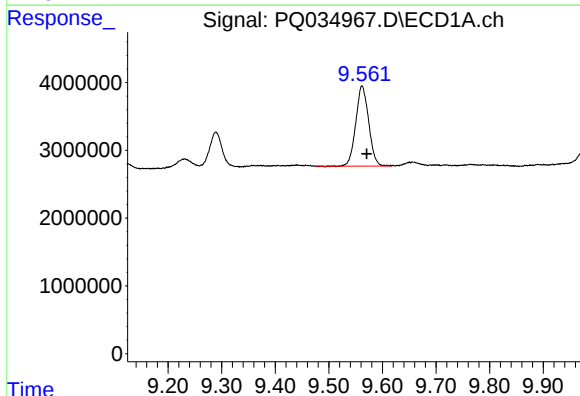
R.T.: 8.874 min
Delta R.T.: -0.021 min
Response: 30877485
Conc: 181.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



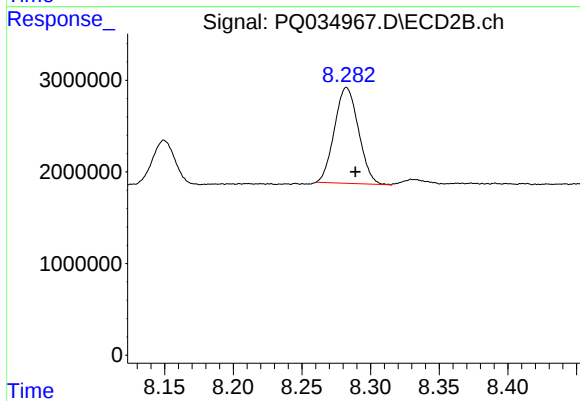
#39 AR-1262-4

R.T.: 7.781 min
Delta R.T.: -0.006 min
Response: 47302318
Conc: 236.16 ng/ml



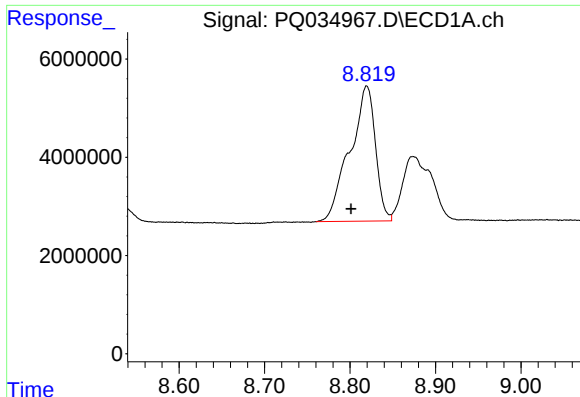
#40 AR-1262-5

R.T.: 9.562 min
Delta R.T.: -0.009 min
Response: 19733898
Conc: 161.82 ng/ml



#40 AR-1262-5

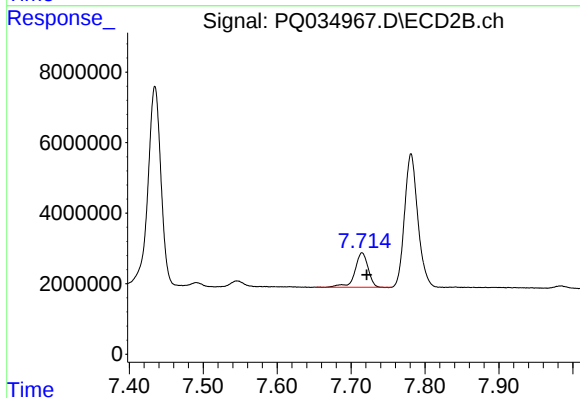
R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 12737460
Conc: 139.88 ng/ml



#41 AR-1268-1

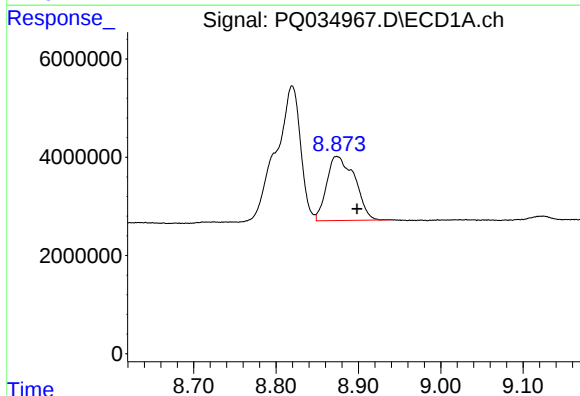
R.T.: 8.820 min
Delta R.T.: 0.018 min
Response: 57205710
Conc: 132.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



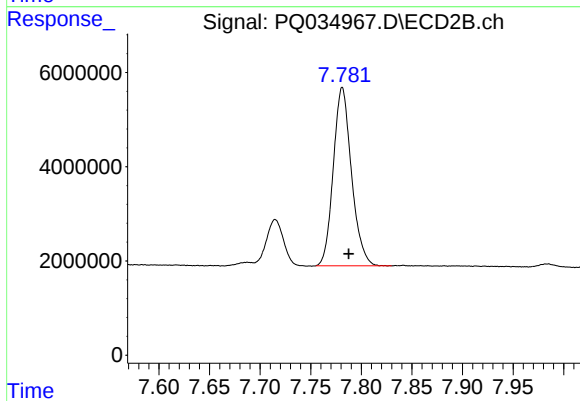
#41 AR-1268-1

R.T.: 7.715 min
Delta R.T.: -0.006 min
Response: 12090413
Conc: 36.30 ng/ml



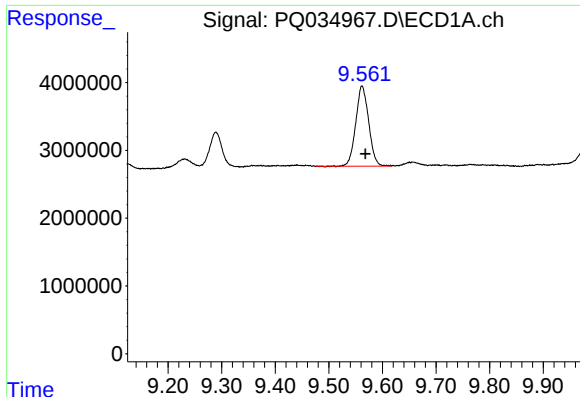
#42 AR-1268-2

R.T.: 8.874 min
Delta R.T.: -0.025 min
Response: 30877485
Conc: 79.55 ng/ml



#42 AR-1268-2

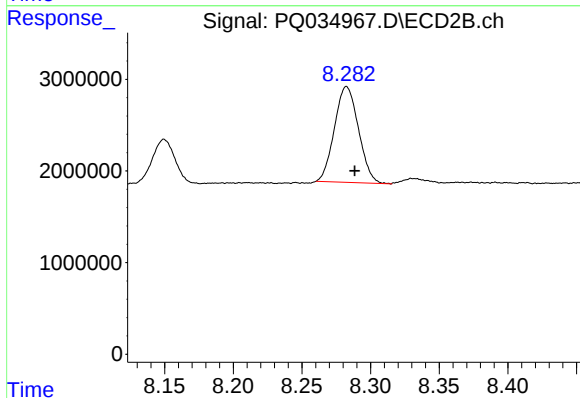
R.T.: 7.781 min
Delta R.T.: -0.006 min
Response: 47302318
Conc: 158.38 ng/ml



#44 AR-1268-4

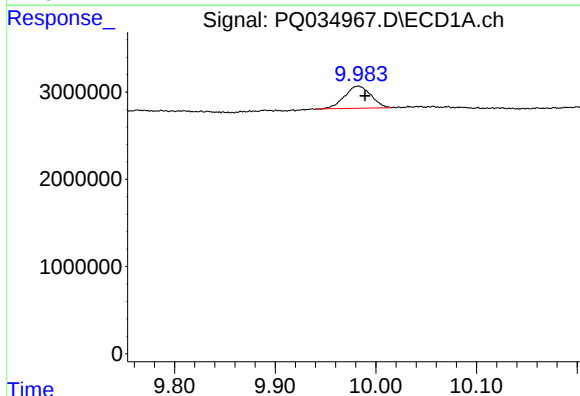
R.T.: 9.562 min
Delta R.T.: -0.007 min
Response: 19733898
Conc: 142.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



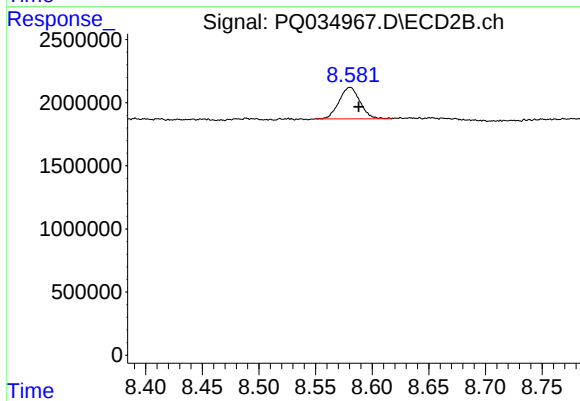
#44 AR-1268-4

R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 12737460
Conc: 119.76 ng/ml



#45 AR-1268-5

R.T.: 9.982 min
Delta R.T.: -0.007 min
Response: 4592824
Conc: 4.17 ng/ml



#45 AR-1268-5

R.T.: 8.581 min
Delta R.T.: -0.007 min
Response: 3224311
Conc: 4.05 ng/ml