

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112818\
 Data File : PQ035037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Nov 2018 08:28
 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 29 01:05:31 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	3.814	71340253	42147928	25.900	24.866
2)	SA Decachlor...	10.325	8.837	89073303	63395462	32.331	32.526
Target Compounds							
3)	L1 AR-1016-1	5.710	4.902	43354355	27500534	462.719	418.631
4)	L1 AR-1016-2	5.732	4.920	63436655	39177291	460.782	420.317
5)	L1 AR-1016-3	5.795	5.098	37768808	20445716	457.251	419.290
6)	L1 AR-1016-4	5.895	5.137	29516750	16064915	435.925	409.974
7)	L1 AR-1016-5	6.187	5.352	29365709	20768542	426.916	400.665
8)	L2 AR-1221-1	4.742	4.025	3874693	2563527	125.939	130.244
9)	L2 AR-1221-2	4.833	4.114	5431602	3216741	257.675	231.639
10)	L2 AR-1221-3	4.911	4.189	21619106	14028232	293.754	289.921
11)	L3 AR-1232-1	4.911	4.189	21619106	14028232	400.254	400.030
12)	L3 AR-1232-2	5.442	4.920	30621162	39177291	1063.112	1011.100
13)	L3 AR-1232-3	5.732	5.098	63436655	20445716	1079.336	1018.983
14)	L3 AR-1232-4	5.895	5.178	29516750	19146276	1063.377	1101.810
15)	L3 AR-1232-5	5.982	5.352	25201782	20768542	1149.812	1072.990
16)	L4 AR-1242-1	5.710	4.902	43354355	27500534	570.022	529.144
17)	L4 AR-1242-2	5.732	4.920	63436655	39177291	567.552	525.455
18)	L4 AR-1242-3	5.795	5.098	37768808	20445716	567.348	524.992
19)	L4 AR-1242-4	5.895	5.178	29516750	19146276	538.907	495.840
20)	L4 AR-1242-5	6.631	5.702	7492004	21945270	121.076	441.574 #
21)	L5 AR-1248-1	5.710	4.902	43354355	27500534	730.048	681.335
22)	L5 AR-1248-2	5.982	5.137	25201782	16064915	301.181	291.398
23)	L5 AR-1248-3	6.187	5.178	29365709	19146276	304.280	339.969
24)	L5 AR-1248-4	6.591	5.352	9228437	20768542	84.137	299.267 #
25)	L5 AR-1248-5	6.631	5.744	7492004	4370104	71.872	61.234
26)	L6 AR-1254-1	6.563	5.702	28428709	21945270	254.112	200.772
27)	L6 AR-1254-2	6.780	5.849	26039044	17223014	147.178	180.184
28)	L6 AR-1254-3	7.151	6.264	15708525	35403653	81.054	218.959 #
29)	L6 AR-1254-4	7.435	6.481	10347770	4692717	72.902	45.340 #
30)	L6 AR-1254-5	7.853	6.896	75301133	60011750	500.268	422.967
31)	L7 AR-1260-1	7.311	6.380	53165262	41419143	382.994	386.308
32)	L7 AR-1260-2	7.567	6.568	62743656	49683978	367.000	369.953
33)	L7 AR-1260-3	7.926	6.723	36141607	46197387	339.122	376.308
34)	L7 AR-1260-4	8.156	7.192	46868461	31813868	353.867	368.856
35)	L7 AR-1260-5	8.483	7.434	86904027	77821342	320.295	354.022
36)	L8 AR-1262-1	7.926	6.931	36141607	34059949	190.986	228.907
37)	L8 AR-1262-2	8.483	7.434	86904027	77821342	247.382	282.648
38)	L8 AR-1262-3	8.822	7.714	52940297	14839918	230.402	137.232 #
39)	L8 AR-1262-4	8.874	7.780	29374781	55435428	172.345	276.768 #
40)	L8 AR-1262-5	9.564	8.282	18276109	14595526	149.864	160.288
41)	L9 AR-1268-1	8.822	7.714	52940297	14839918	122.858	44.561 #

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 Acq On : 28 Nov 2018 08:28
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

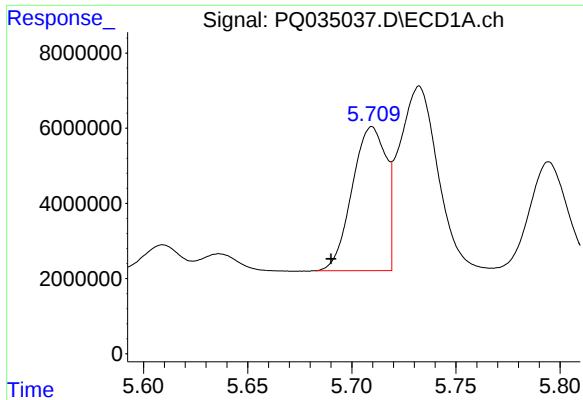
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 01:05:31 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
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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
42) L9	AR-1268-2	8.874	7.780	29374781	55435428	75.675	185.613 #
44) L9	AR-1268-4	9.564	8.282	18276109	14595526	132.326	137.230
45) L9	AR-1268-5	9.986	8.580	5125963	3832466	4.650	4.818

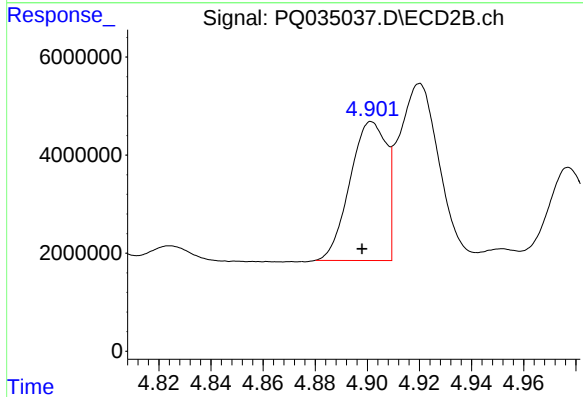
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

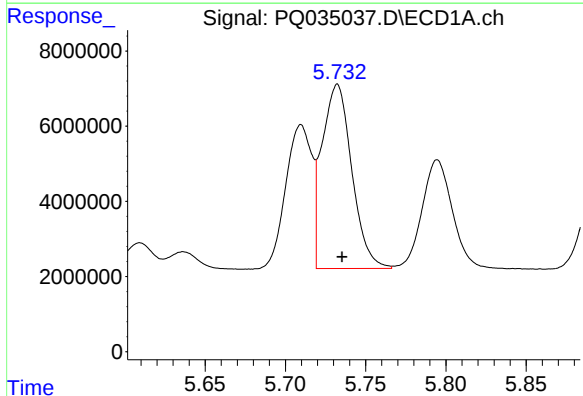
R.T.: 5.710 min
Delta R.T.: 0.020 min
Response: 43354355
Conc: 462.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



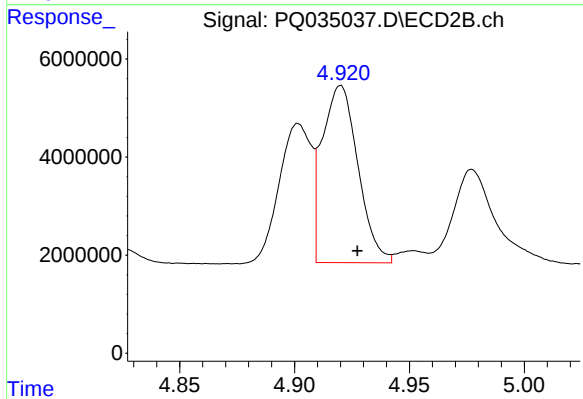
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.004 min
Response: 27500534
Conc: 418.63 ng/ml



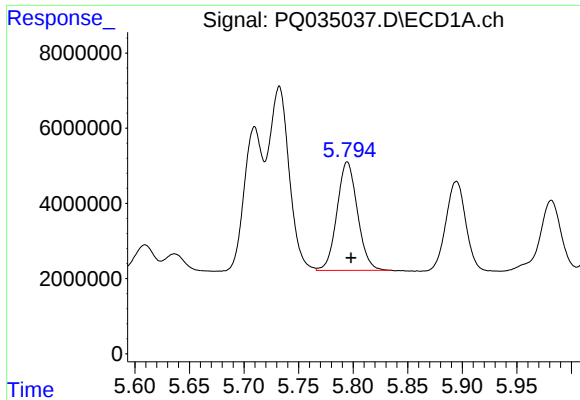
#4 AR-1016-2

R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 63436655
Conc: 460.78 ng/ml



#4 AR-1016-2

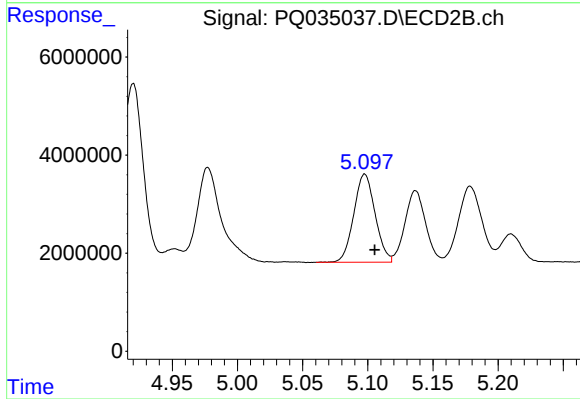
R.T.: 4.920 min
Delta R.T.: -0.007 min
Response: 39177291
Conc: 420.32 ng/ml



#5 AR-1016-3

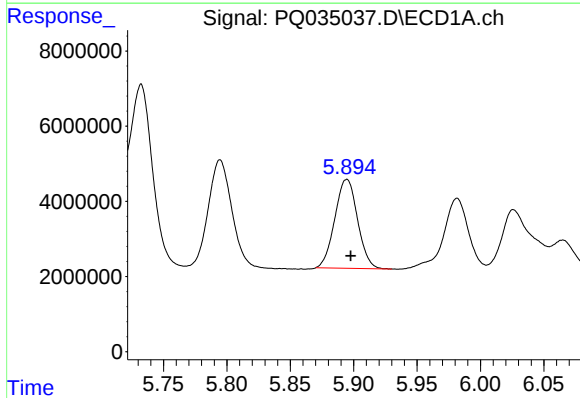
R.T.: 5.795 min
Delta R.T.: -0.004 min
Response: 37768808
Conc: 457.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



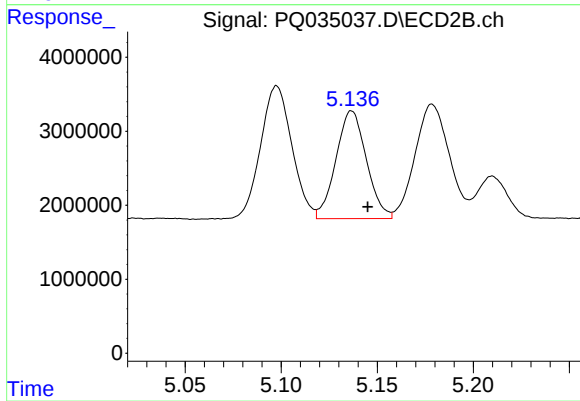
#5 AR-1016-3

R.T.: 5.098 min
Delta R.T.: -0.008 min
Response: 20445716
Conc: 419.29 ng/ml



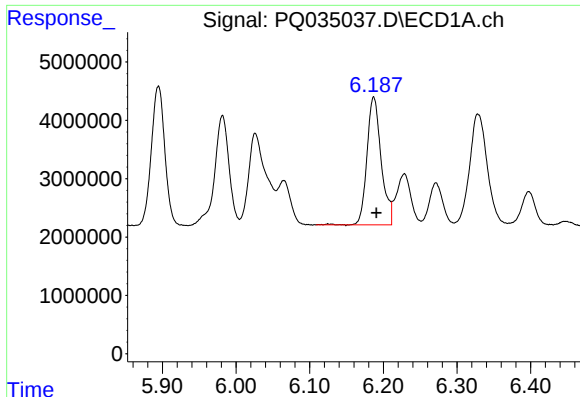
#6 AR-1016-4

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 29516750
Conc: 435.92 ng/ml



#6 AR-1016-4

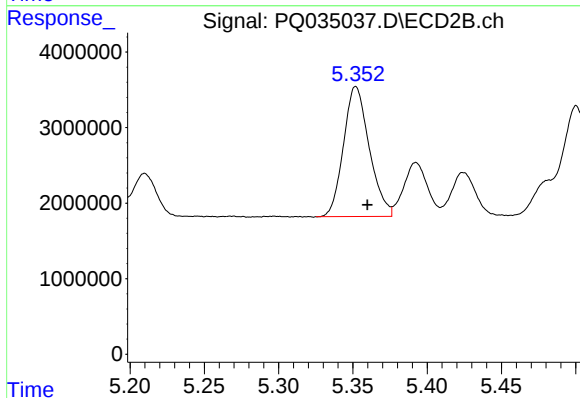
R.T.: 5.137 min
Delta R.T.: -0.009 min
Response: 16064915
Conc: 409.97 ng/ml



#7 AR-1016-5

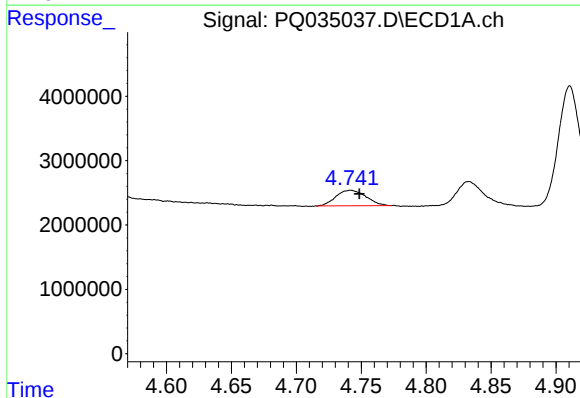
R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 29365709
Conc: 426.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



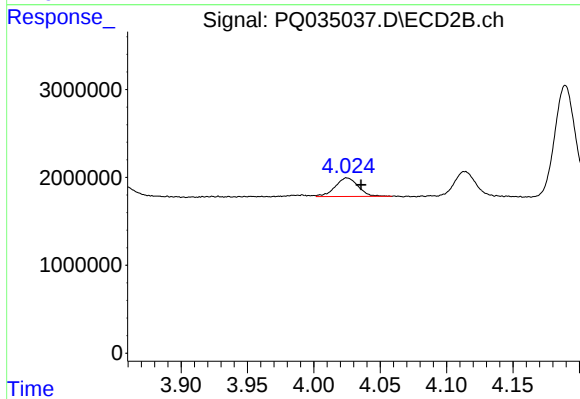
#7 AR-1016-5

R.T.: 5.352 min
Delta R.T.: -0.008 min
Response: 20768542
Conc: 400.66 ng/ml



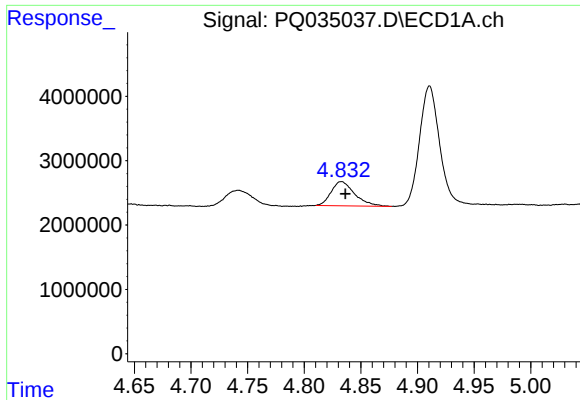
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.007 min
Response: 3874693
Conc: 125.94 ng/ml



#8 AR-1221-1

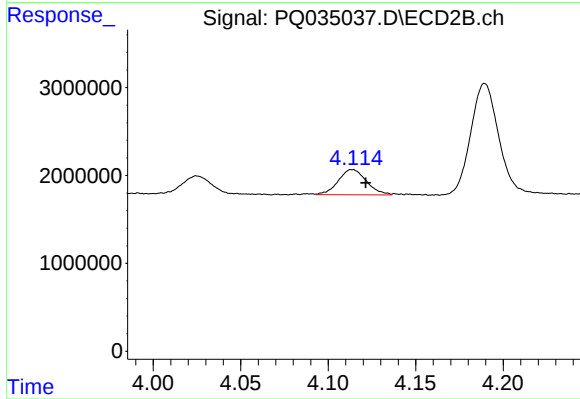
R.T.: 4.025 min
Delta R.T.: -0.011 min
Response: 2563527
Conc: 130.24 ng/ml



#9 AR-1221-2

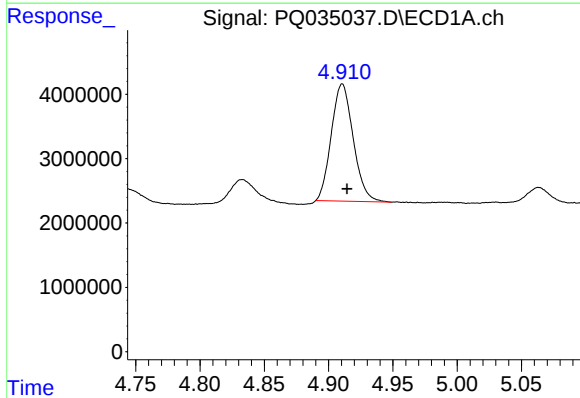
R.T.: 4.833 min
Delta R.T.: -0.004 min
Response: 5431602
Conc: 257.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



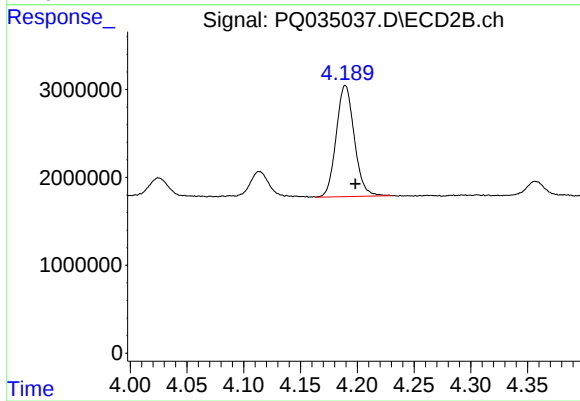
#9 AR-1221-2

R.T.: 4.114 min
Delta R.T.: -0.007 min
Response: 3216741
Conc: 231.64 ng/ml



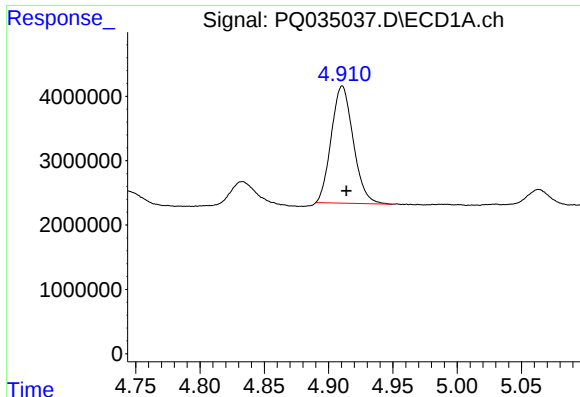
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 21619106
Conc: 293.75 ng/ml



#10 AR-1221-3

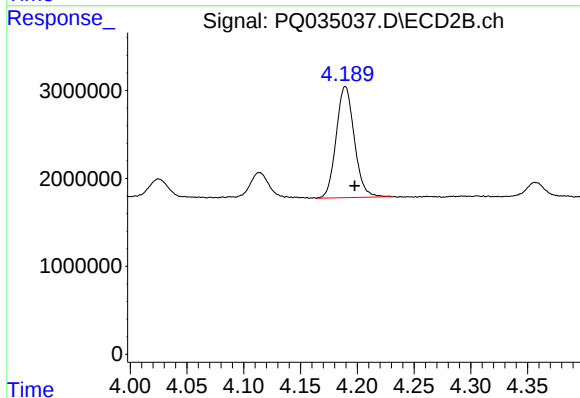
R.T.: 4.189 min
Delta R.T.: -0.009 min
Response: 14028232
Conc: 289.92 ng/ml



#11 AR-1232-1

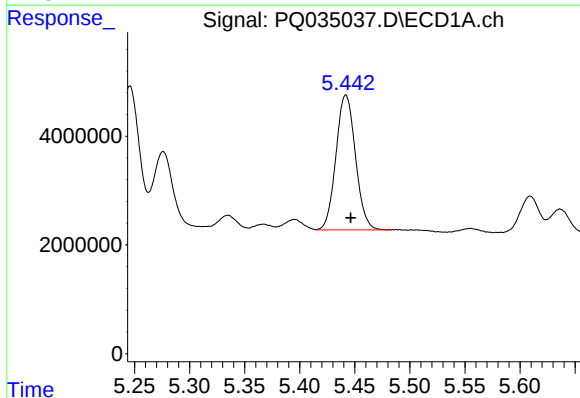
R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 21619106
Conc: 400.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



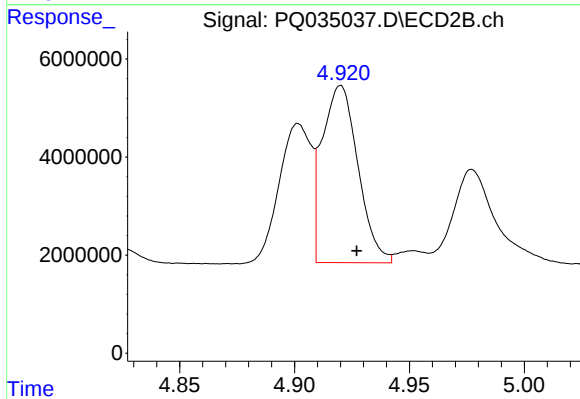
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: -0.008 min
Response: 14028232
Conc: 400.03 ng/ml



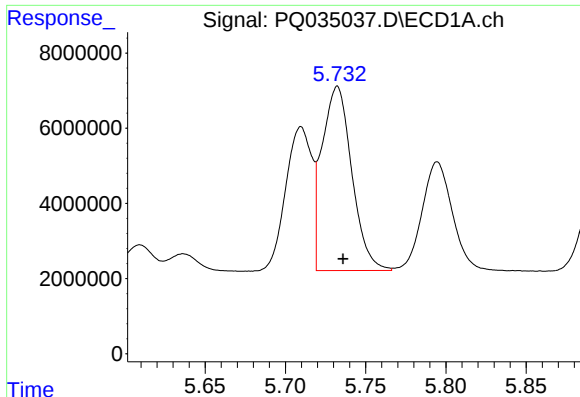
#12 AR-1232-2

R.T.: 5.442 min
Delta R.T.: -0.004 min
Response: 30621162
Conc: 1063.11 ng/ml



#12 AR-1232-2

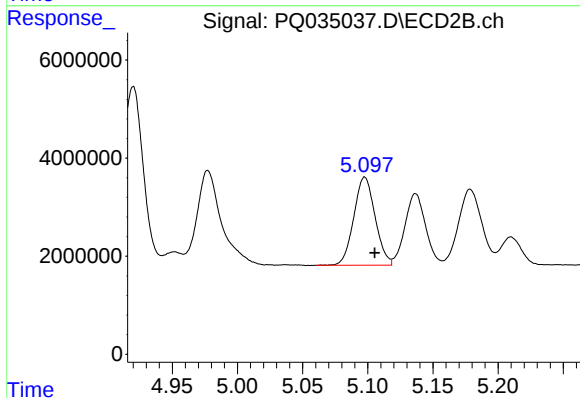
R.T.: 4.920 min
Delta R.T.: -0.007 min
Response: 39177291
Conc: 1011.10 ng/ml



#13 AR-1232-3

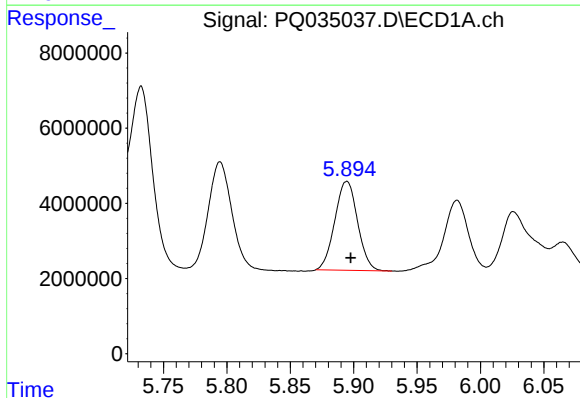
R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 63436655
Conc: 1079.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



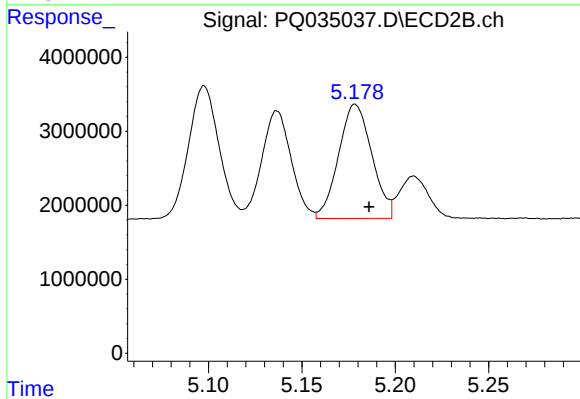
#13 AR-1232-3

R.T.: 5.098 min
Delta R.T.: -0.008 min
Response: 20445716
Conc: 1018.98 ng/ml



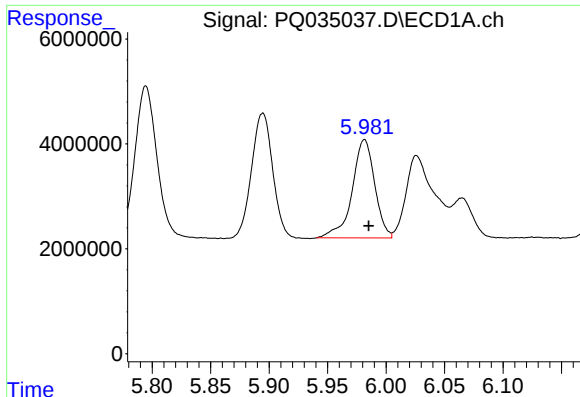
#14 AR-1232-4

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 29516750
Conc: 1063.38 ng/ml



#14 AR-1232-4

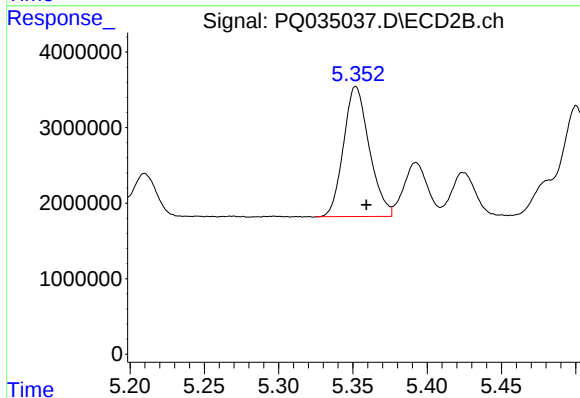
R.T.: 5.178 min
Delta R.T.: -0.007 min
Response: 19146276
Conc: 1101.81 ng/ml



#15 AR-1232-5

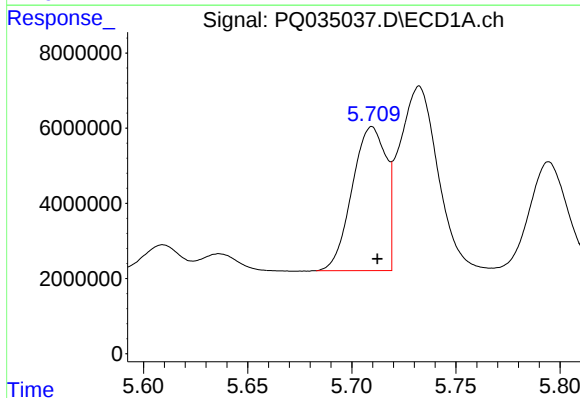
R.T.: 5.982 min
Delta R.T.: -0.004 min
Response: 25201782
Conc: 1149.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



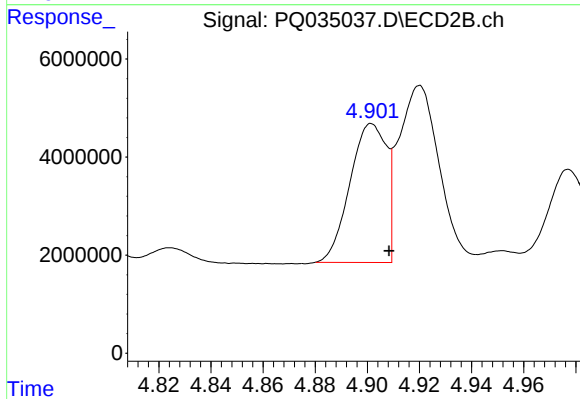
#15 AR-1232-5

R.T.: 5.352 min
Delta R.T.: -0.007 min
Response: 20768542
Conc: 1072.99 ng/ml



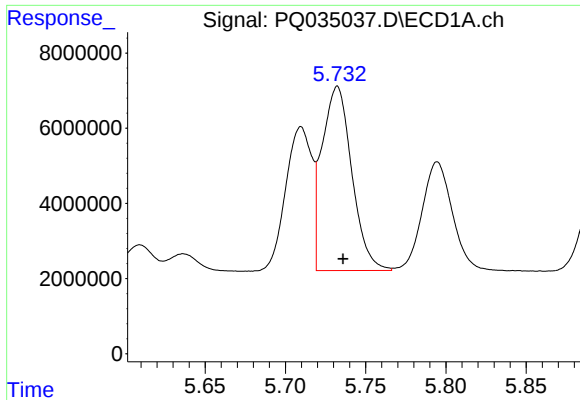
#16 AR-1242-1

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 43354355
Conc: 570.02 ng/ml



#16 AR-1242-1

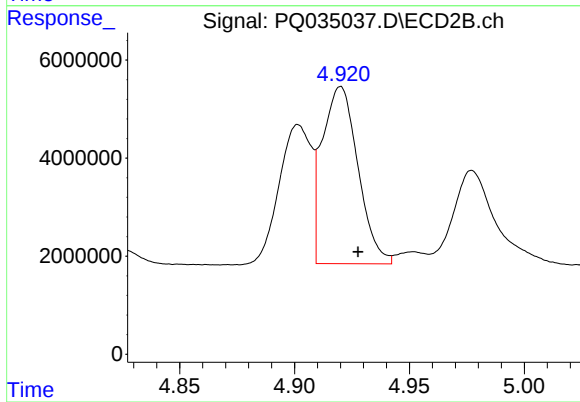
R.T.: 4.902 min
Delta R.T.: -0.007 min
Response: 27500534
Conc: 529.14 ng/ml



#17 AR-1242-2

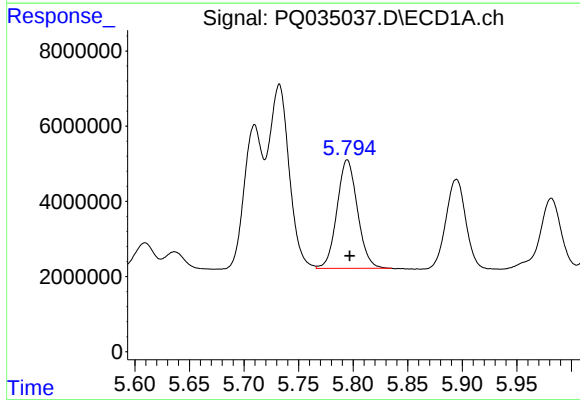
R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 63436655
Conc: 567.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



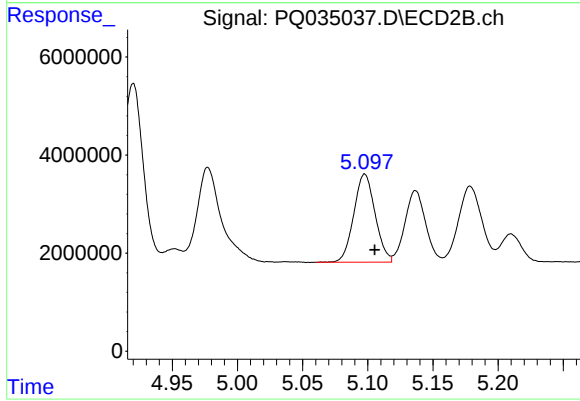
#17 AR-1242-2

R.T.: 4.920 min
Delta R.T.: -0.008 min
Response: 39177291
Conc: 525.46 ng/ml



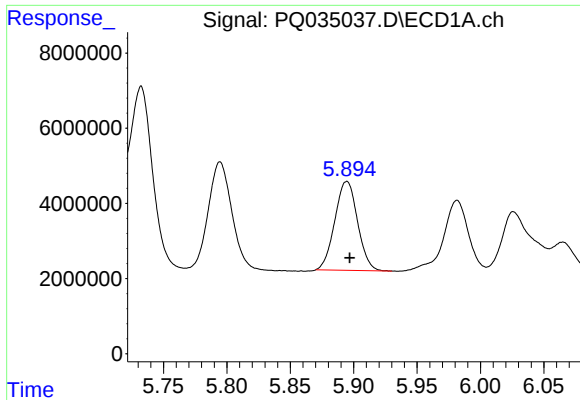
#18 AR-1242-3

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 37768808
Conc: 567.35 ng/ml



#18 AR-1242-3

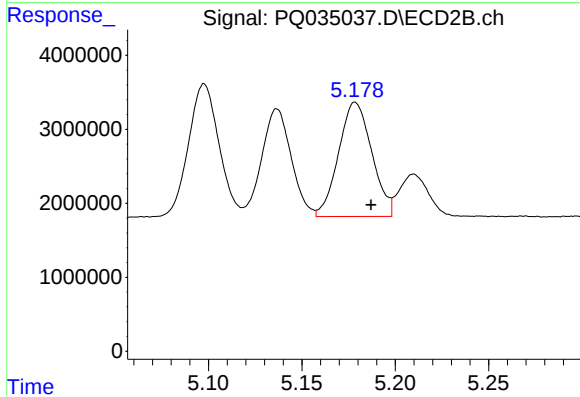
R.T.: 5.098 min
Delta R.T.: -0.008 min
Response: 20445716
Conc: 524.99 ng/ml



#19 AR-1242-4

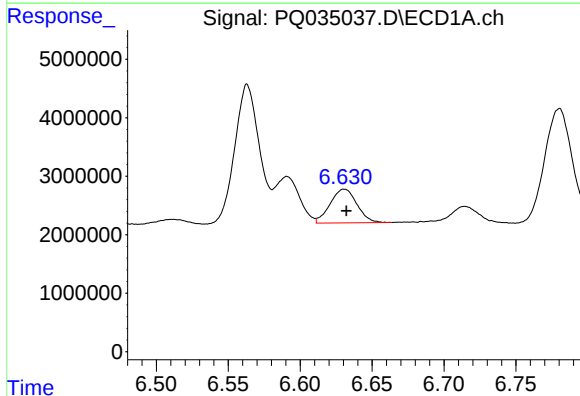
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 29516750
Conc: 538.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



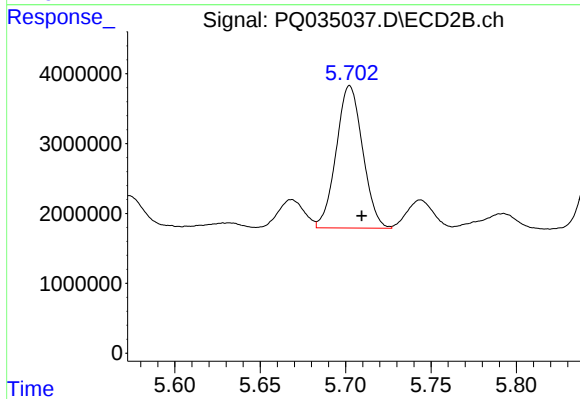
#19 AR-1242-4

R.T.: 5.178 min
Delta R.T.: -0.009 min
Response: 19146276
Conc: 495.84 ng/ml



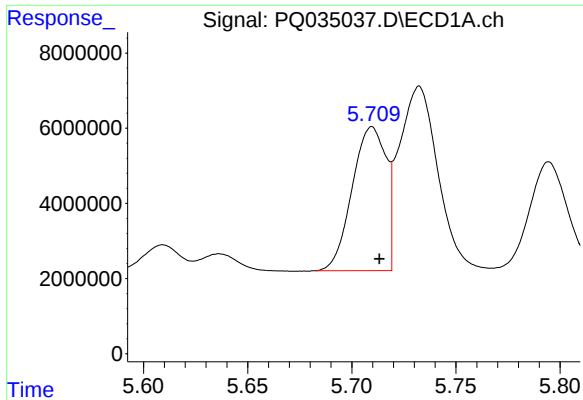
#20 AR-1242-5

R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 7492004
Conc: 121.08 ng/ml



#20 AR-1242-5

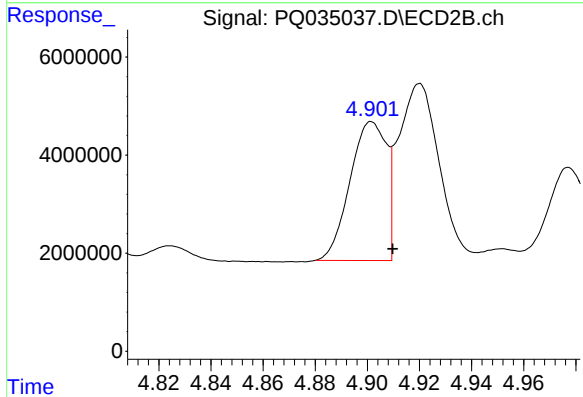
R.T.: 5.702 min
Delta R.T.: -0.007 min
Response: 21945270
Conc: 441.57 ng/ml



#21 AR-1248-1

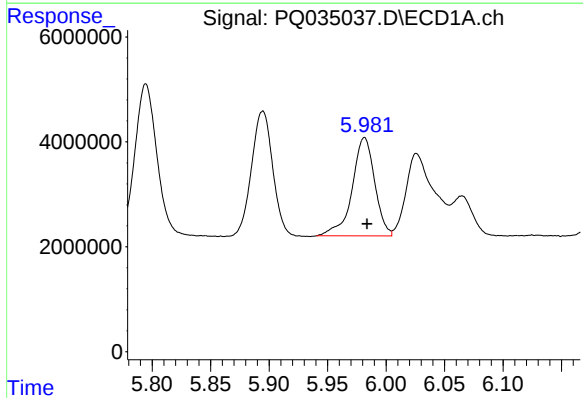
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 43354355
Conc: 730.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



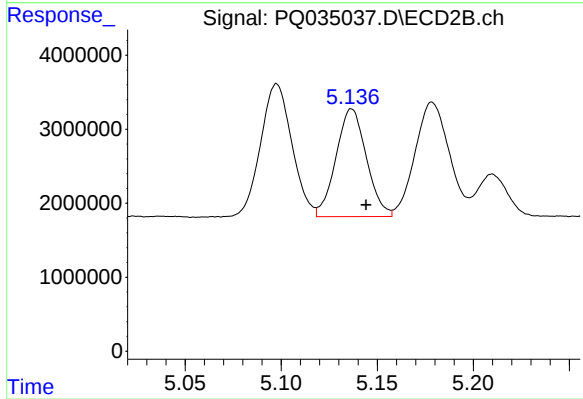
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 27500534
Conc: 681.33 ng/ml



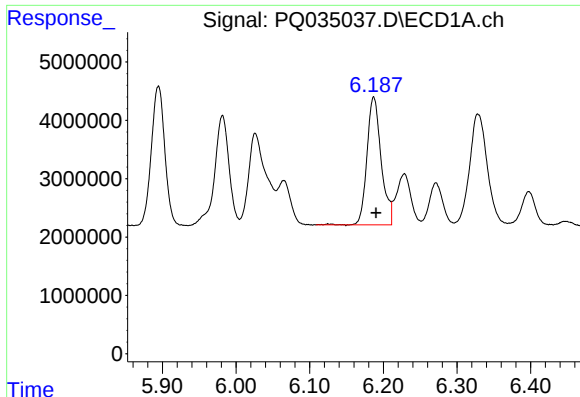
#22 AR-1248-2

R.T.: 5.982 min
Delta R.T.: -0.002 min
Response: 25201782
Conc: 301.18 ng/ml



#22 AR-1248-2

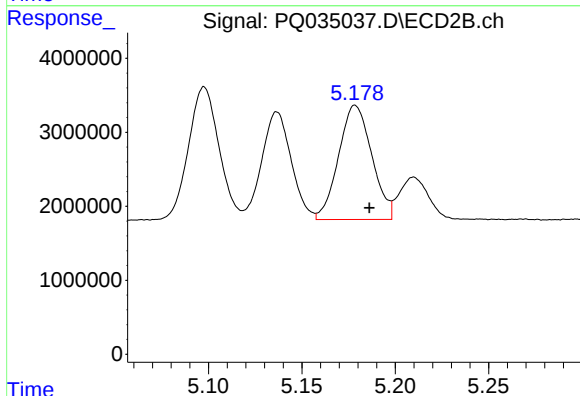
R.T.: 5.137 min
Delta R.T.: -0.008 min
Response: 16064915
Conc: 291.40 ng/ml



#23 AR-1248-3

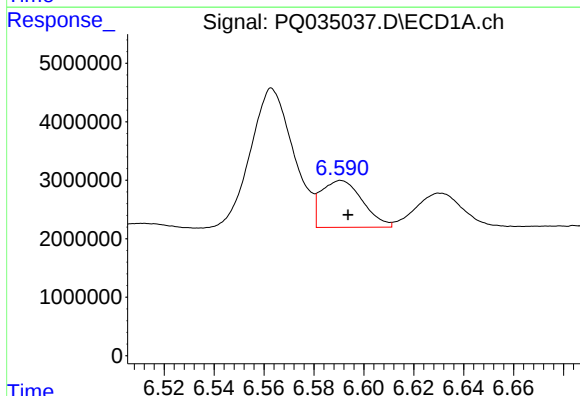
R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 29365709
Conc: 304.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



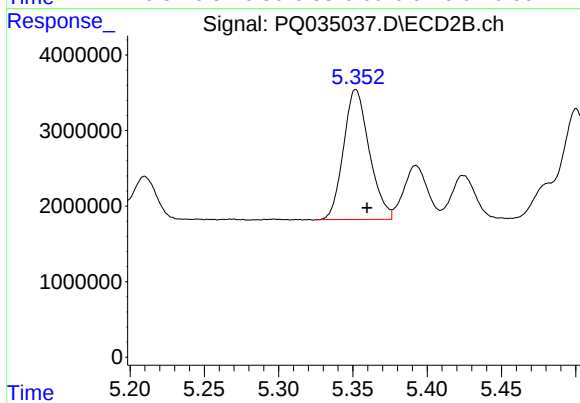
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: -0.008 min
Response: 19146276
Conc: 339.97 ng/ml



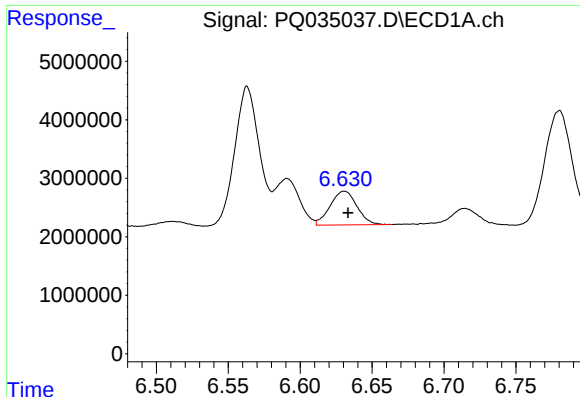
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.003 min
Response: 9228437
Conc: 84.14 ng/ml



#24 AR-1248-4

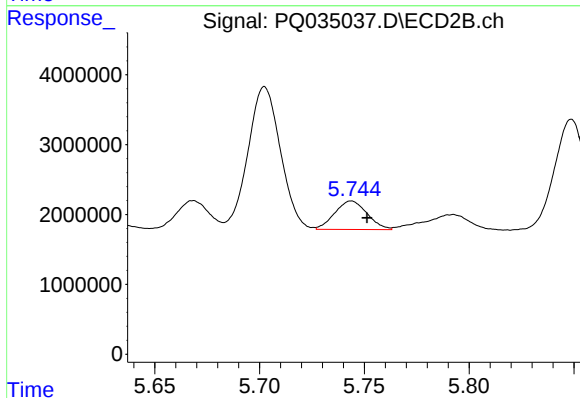
R.T.: 5.352 min
Delta R.T.: -0.008 min
Response: 20768542
Conc: 299.27 ng/ml



#25 AR-1248-5

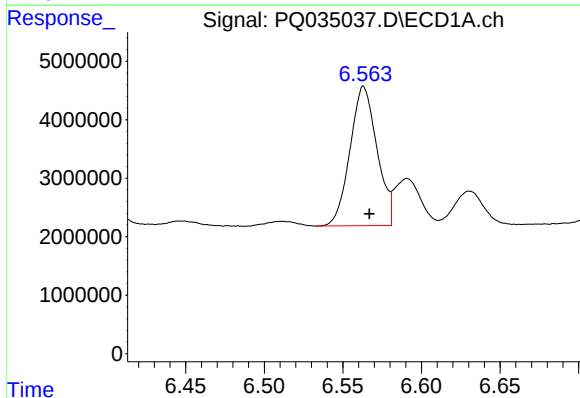
R.T.: 6.631 min
Delta R.T.: -0.003 min
Response: 7492004
Conc: 71.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



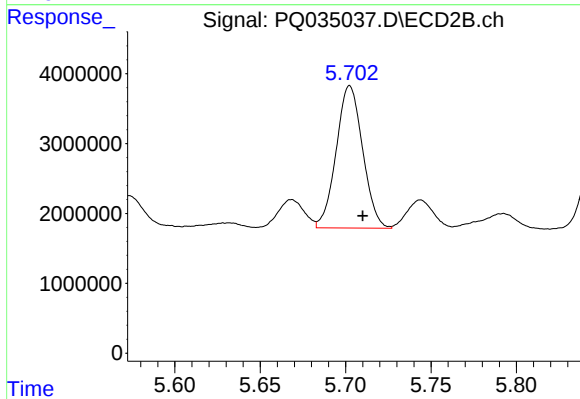
#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: -0.007 min
Response: 4370104
Conc: 61.23 ng/ml



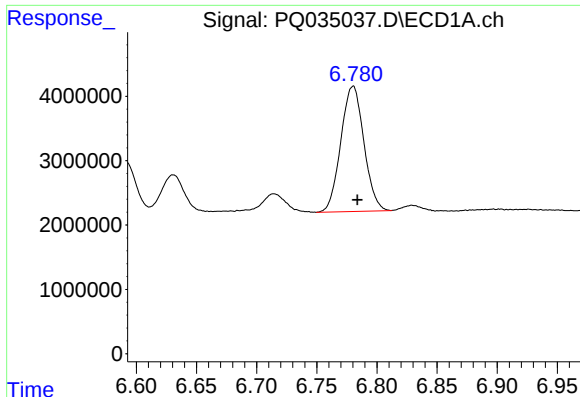
#26 AR-1254-1

R.T.: 6.563 min
Delta R.T.: -0.004 min
Response: 28428709
Conc: 254.11 ng/ml



#26 AR-1254-1

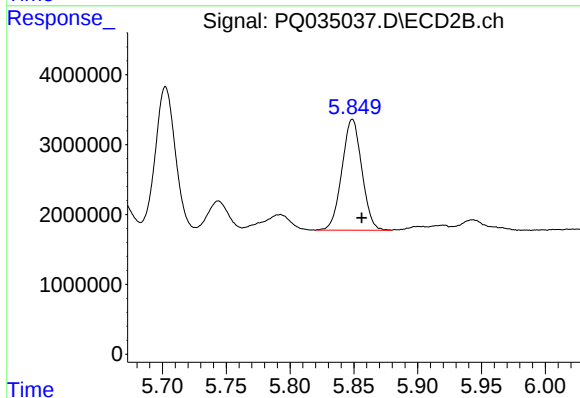
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 21945270
Conc: 200.77 ng/ml



#27 AR-1254-2

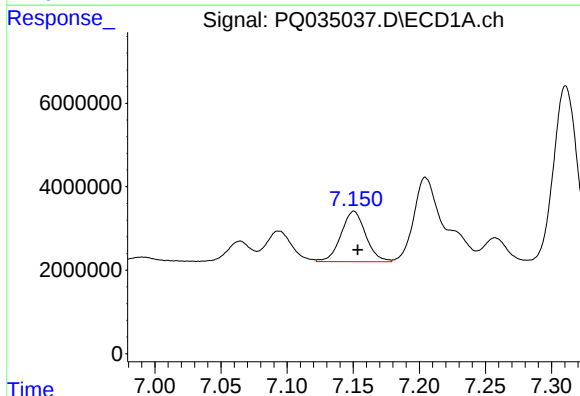
R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 26039044
Conc: 147.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



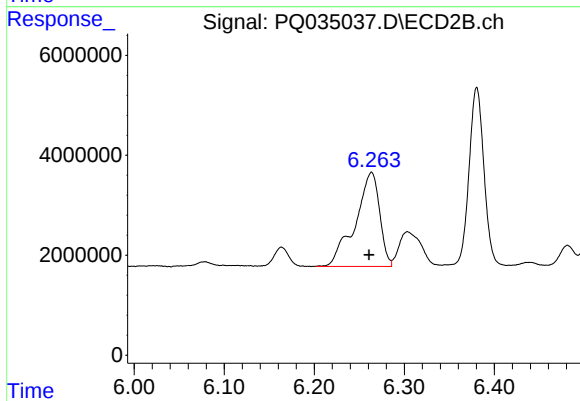
#27 AR-1254-2

R.T.: 5.849 min
Delta R.T.: -0.007 min
Response: 17223014
Conc: 180.18 ng/ml



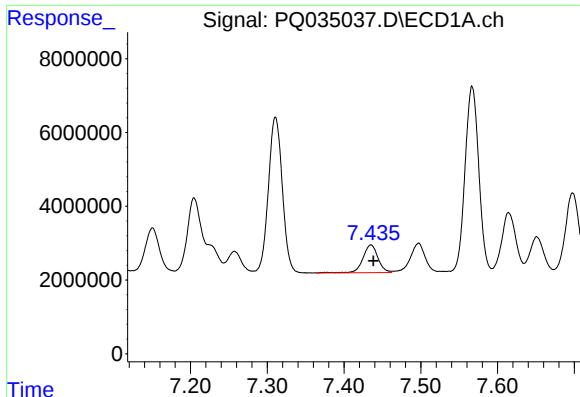
#28 AR-1254-3

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 15708525
Conc: 81.05 ng/ml



#28 AR-1254-3

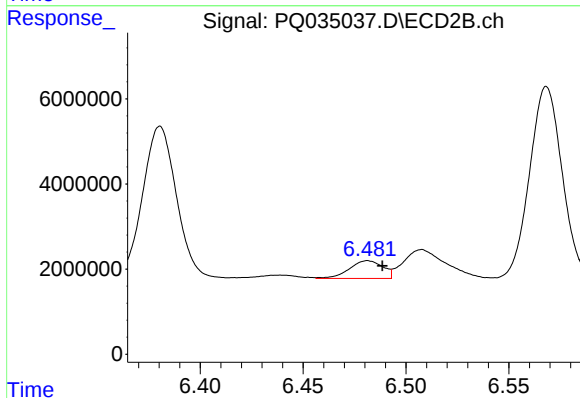
R.T.: 6.264 min
Delta R.T.: 0.003 min
Response: 35403653
Conc: 218.96 ng/ml



#29 AR-1254-4

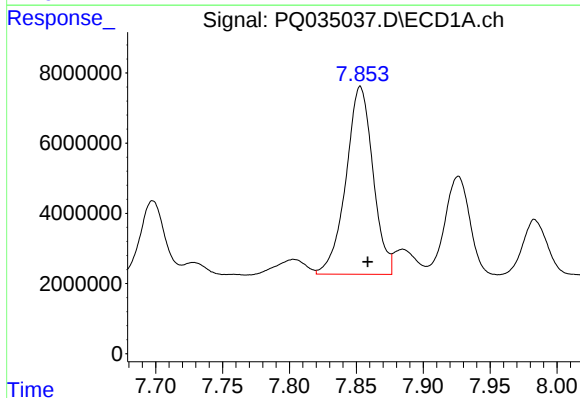
R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 10347770
Conc: 72.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



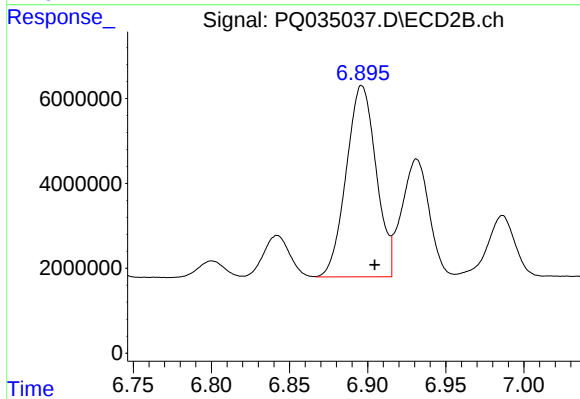
#29 AR-1254-4

R.T.: 6.481 min
Delta R.T.: -0.007 min
Response: 4692717
Conc: 45.34 ng/ml



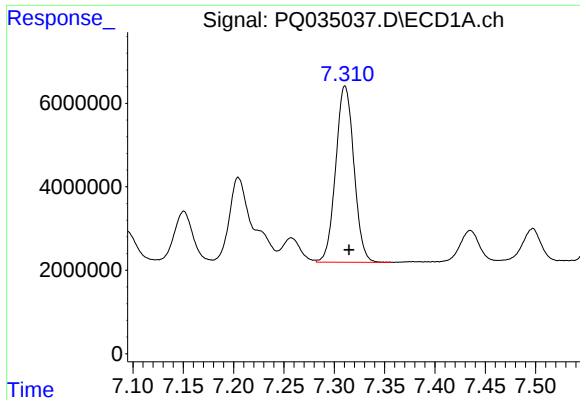
#30 AR-1254-5

R.T.: 7.853 min
Delta R.T.: -0.005 min
Response: 75301133
Conc: 500.27 ng/ml



#30 AR-1254-5

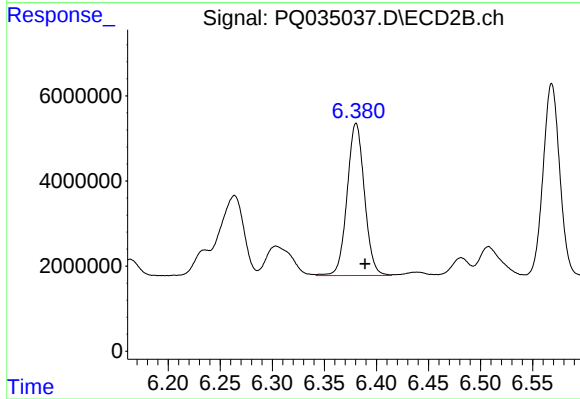
R.T.: 6.896 min
Delta R.T.: -0.008 min
Response: 60011750
Conc: 422.97 ng/ml



#31 AR-1260-1

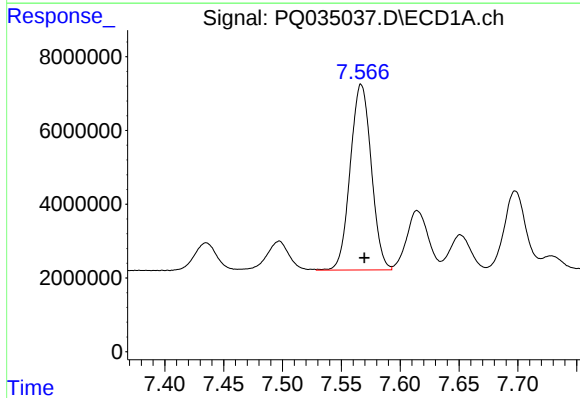
R.T.: 7.311 min
Delta R.T.: -0.004 min
Response: 53165262
Conc: 382.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



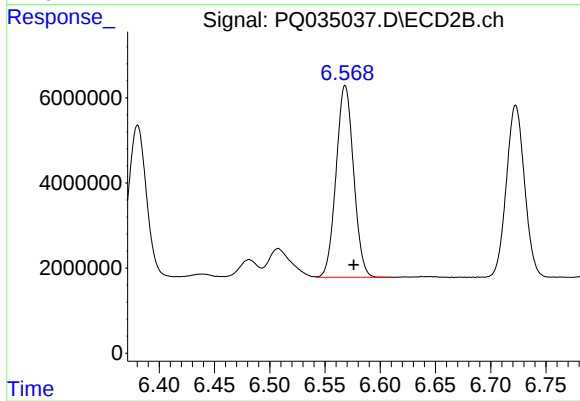
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: -0.009 min
Response: 41419143
Conc: 386.31 ng/ml



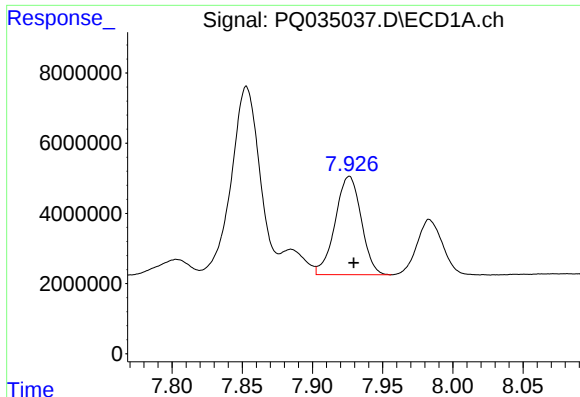
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 62743656
Conc: 367.00 ng/ml



#32 AR-1260-2

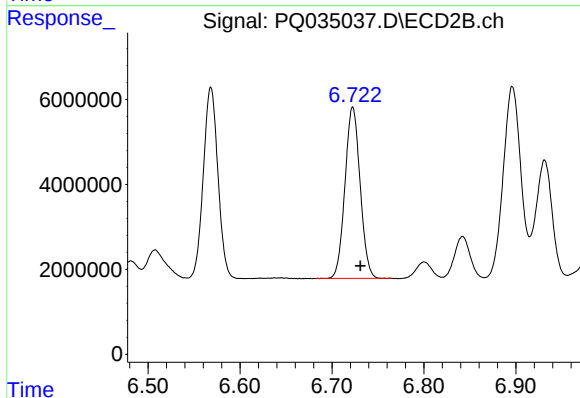
R.T.: 6.568 min
Delta R.T.: -0.008 min
Response: 49683978
Conc: 369.95 ng/ml



#33 AR-1260-3

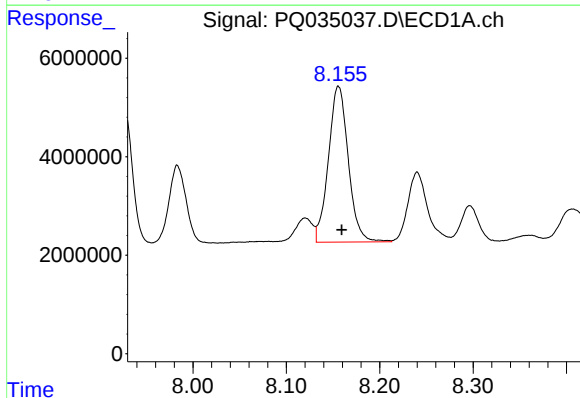
R.T.: 7.926 min
Delta R.T.: -0.003 min
Response: 36141607
Conc: 339.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



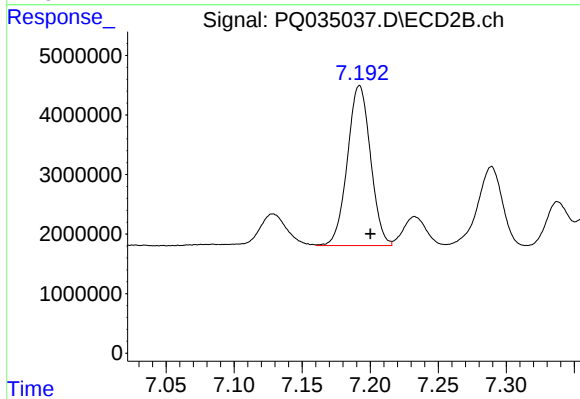
#33 AR-1260-3

R.T.: 6.723 min
Delta R.T.: -0.008 min
Response: 46197387
Conc: 376.31 ng/ml



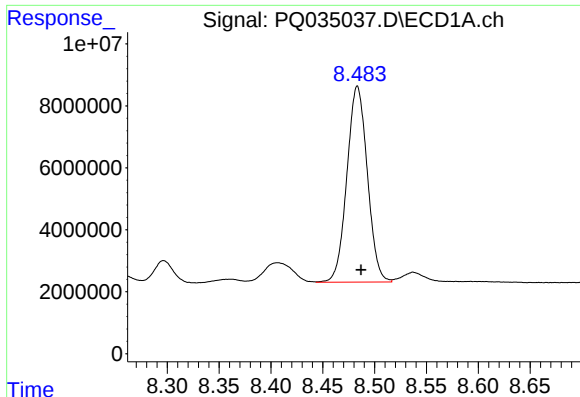
#34 AR-1260-4

R.T.: 8.156 min
Delta R.T.: -0.003 min
Response: 46868461
Conc: 353.87 ng/ml



#34 AR-1260-4

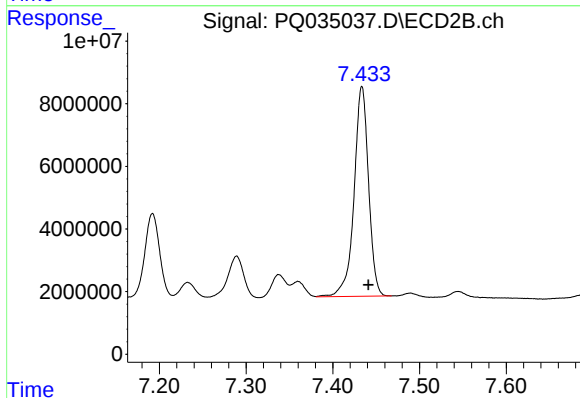
R.T.: 7.192 min
Delta R.T.: -0.008 min
Response: 31813868
Conc: 368.86 ng/ml



#35 AR-1260-5

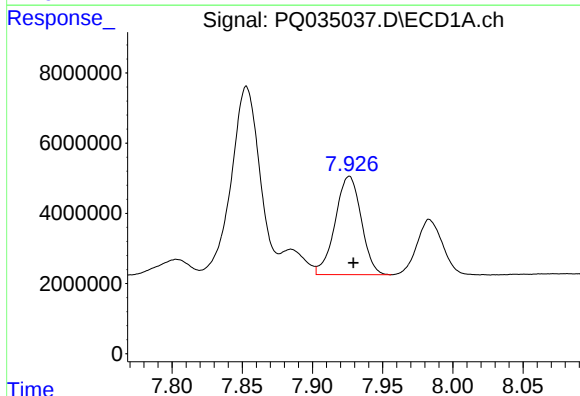
R.T.: 8.483 min
Delta R.T.: -0.003 min
Response: 86904027
Conc: 320.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



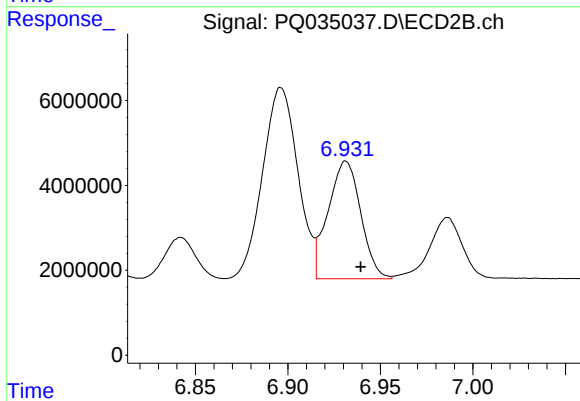
#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.007 min
Response: 77821342
Conc: 354.02 ng/ml



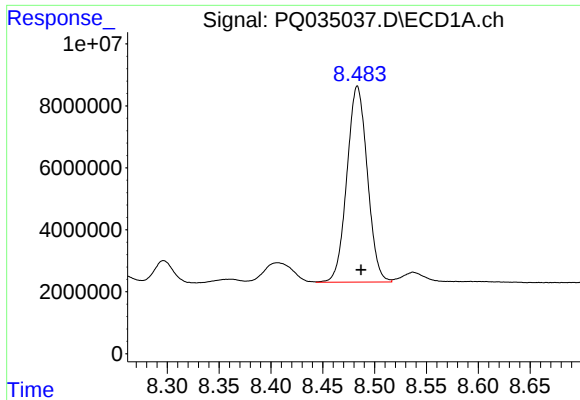
#36 AR-1262-1

R.T.: 7.926 min
Delta R.T.: -0.003 min
Response: 36141607
Conc: 190.99 ng/ml



#36 AR-1262-1

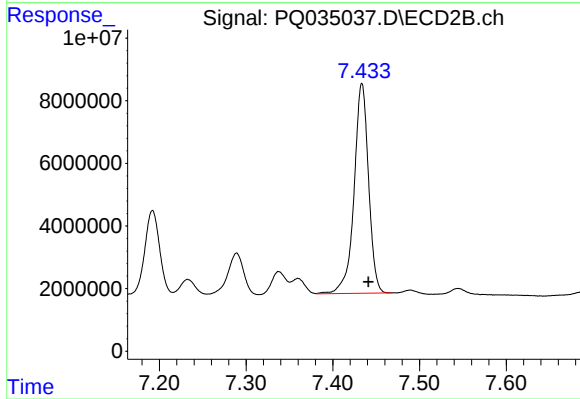
R.T.: 6.931 min
Delta R.T.: -0.008 min
Response: 34059949
Conc: 228.91 ng/ml



#37 AR-1262-2

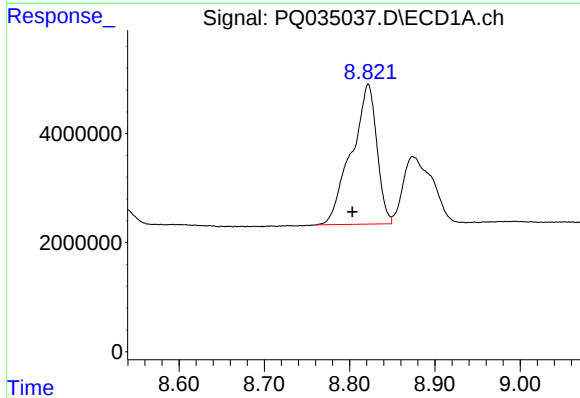
R.T.: 8.483 min
Delta R.T.: -0.003 min
Response: 86904027
Conc: 247.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



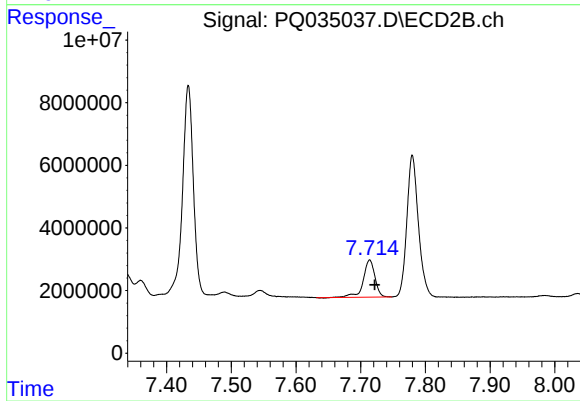
#37 AR-1262-2

R.T.: 7.434 min
Delta R.T.: -0.007 min
Response: 77821342
Conc: 282.65 ng/ml



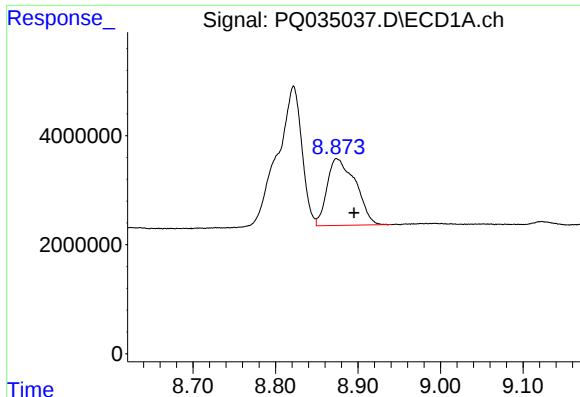
#38 AR-1262-3

R.T.: 8.822 min
Delta R.T.: 0.019 min
Response: 52940297
Conc: 230.40 ng/ml



#38 AR-1262-3

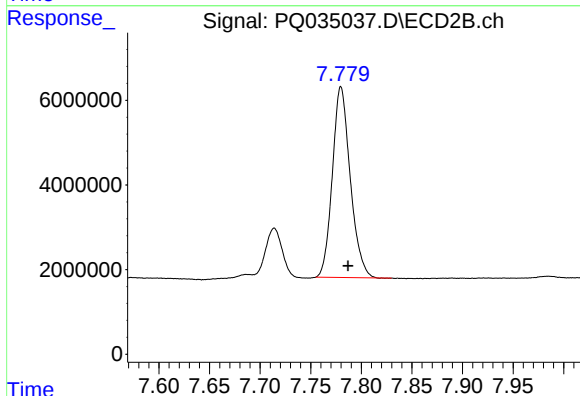
R.T.: 7.714 min
Delta R.T.: -0.008 min
Response: 14839918
Conc: 137.23 ng/ml



#39 AR-1262-4

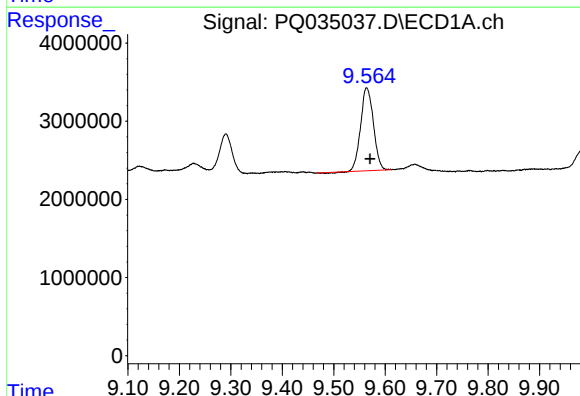
R.T.: 8.874 min
Delta R.T.: -0.021 min
Response: 29374781
Conc: 172.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



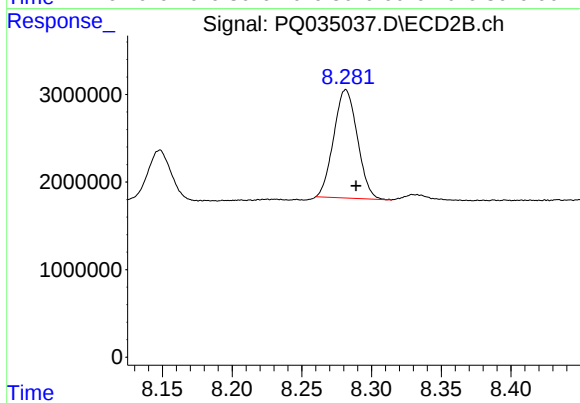
#39 AR-1262-4

R.T.: 7.780 min
Delta R.T.: -0.007 min
Response: 55435428
Conc: 276.77 ng/ml



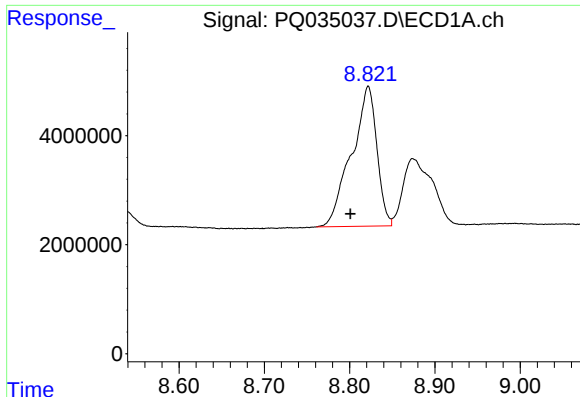
#40 AR-1262-5

R.T.: 9.564 min
Delta R.T.: -0.007 min
Response: 18276109
Conc: 149.86 ng/ml



#40 AR-1262-5

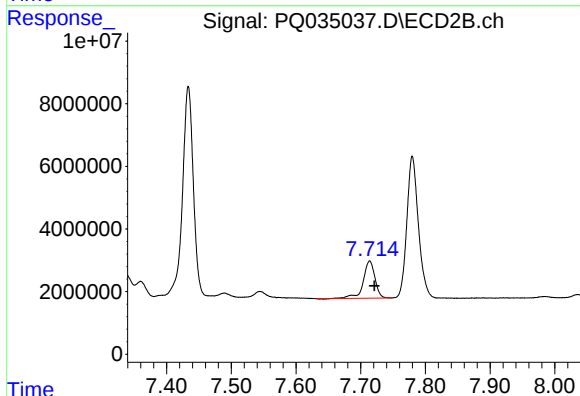
R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 14595526
Conc: 160.29 ng/ml



#41 AR-1268-1

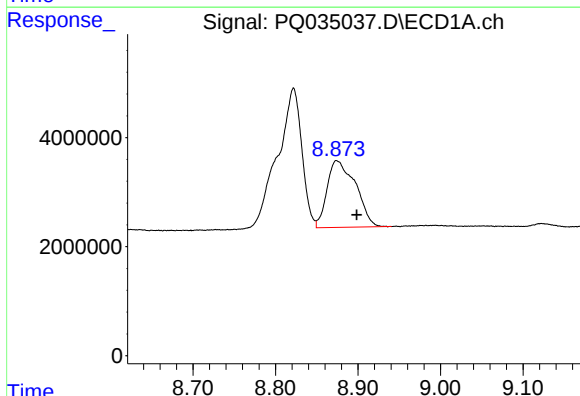
R.T.: 8.822 min
Delta R.T.: 0.021 min
Response: 52940297
Conc: 122.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



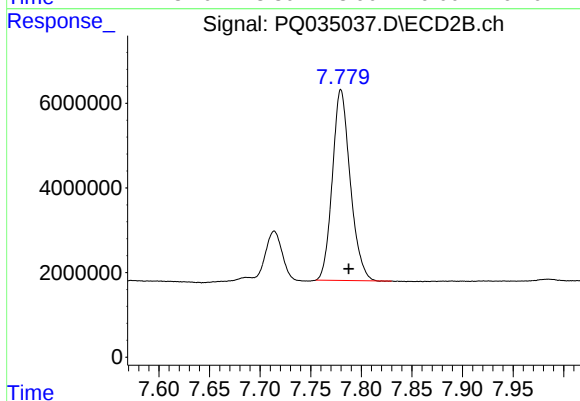
#41 AR-1268-1

R.T.: 7.714 min
Delta R.T.: -0.007 min
Response: 14839918
Conc: 44.56 ng/ml



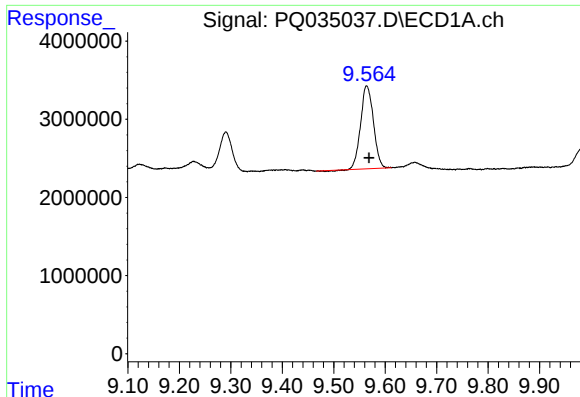
#42 AR-1268-2

R.T.: 8.874 min
Delta R.T.: -0.024 min
Response: 29374781
Conc: 75.68 ng/ml



#42 AR-1268-2

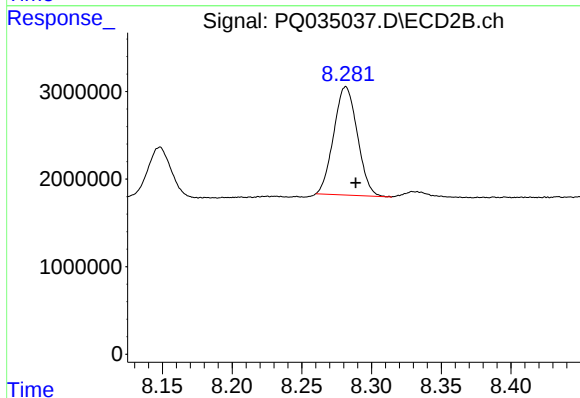
R.T.: 7.780 min
Delta R.T.: -0.008 min
Response: 55435428
Conc: 185.61 ng/ml



#44 AR-1268-4

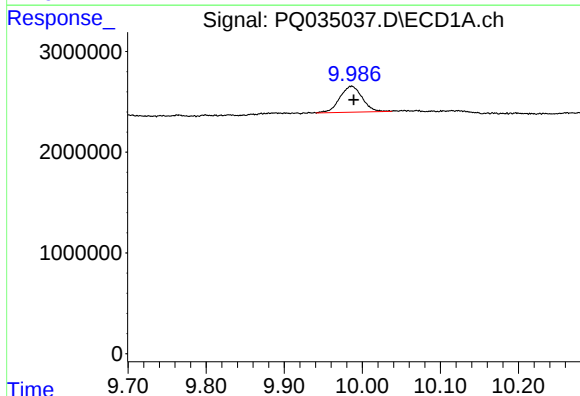
R.T.: 9.564 min
Delta R.T.: -0.005 min
Response: 18276109
Conc: 132.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



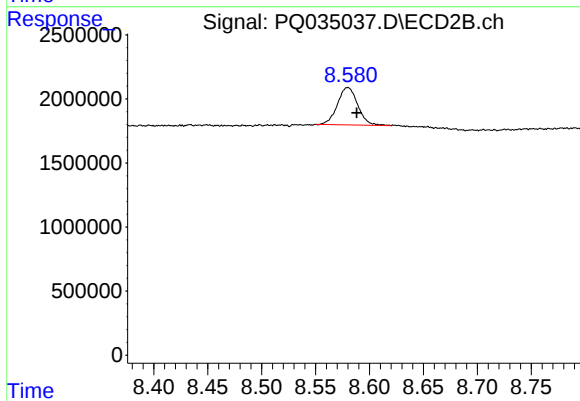
#44 AR-1268-4

R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 14595526
Conc: 137.23 ng/ml



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: -0.003 min
Response: 5125963
Conc: 4.65 ng/ml



#45 AR-1268-5

R.T.: 8.580 min
Delta R.T.: -0.008 min
Response: 3832466
Conc: 4.82 ng/ml