

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040395.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2019 13:36
 Operator : SM\AJ
 Sample : K3006-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFH72

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 03:48:13 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...	5.589	4.733	38319191	18920714	11.697	8.809
2)	SA Decachlor...	11.893	10.449	133.9E6	84375923	18.741	20.292
Target Compounds							
3)	L1 AR-1016-1	7.039	6.176	78623203	65238382	469.975	508.571
4)	L1 AR-1016-2	7.074	6.197	206.4E6	56003499	785.015	290.154 #
5)	L1 AR-1016-3	7.145	6.465	90960805	230.3E6	532.937	2135.725 #
6)	L1 AR-1016-4	7.286	6.465	20123058	230.3E6	145.583	2705.101 #
7)	L1 AR-1016-5	7.580	6.724	2203605	2760832	15.885	23.978 #
8)	L2 AR-1221-1	0.000	5.029	0	1085397	N.D.	44.290 #
9)	L2 AR-1221-2	5.984	5.152	5582914	5810204	253.401	356.723 #
10)	L2 AR-1221-3	6.080	5.254	20033650	14077567	226.777	231.513
11)	L3 AR-1232-1	6.080	5.254	20033650	14077567	309.315	307.214
12)	L3 AR-1232-2	6.723	6.197	309.2E6	56003499	7799.875	933.602 #
13)	L3 AR-1232-3	7.074	6.465	206.4E6	230.3E6	2553.845	6549.643 #
14)	L3 AR-1232-4	7.286	6.511	20123058	142.4E6	481.431	4817.761 #
15)	L3 AR-1232-5	7.351	6.724	293.8E6	2760832	9269.958	91.709 #
16)	L4 AR-1242-1	7.039	6.176	78623203	65238382	810.917	882.219
17)	L4 AR-1242-2	7.074	6.197	206.4E6	56003499	1428.069	526.055 #
18)	L4 AR-1242-3	7.145	6.465	90960805	230.3E6	977.122	3818.299 #
19)	L4 AR-1242-4	7.286	6.511	20123058	142.4E6	267.556	2388.515 #
20)	L4 AR-1242-5	8.069	7.123	33790240	44002949	389.766	546.021 #
21)	L5 AR-1248-1	7.074	6.197	206.4E6	56003499	2666.349	971.889 #
22)	L5 AR-1248-2	7.351	6.465	293.8E6	230.3E6	2608.387	2619.859
23)	L5 AR-1248-3	7.580	6.511	2203605	142.4E6	15.965	1573.287 #
24)	L5 AR-1248-4	8.069	6.724	33790240	2760832	223.821	25.001 #
25)	L5 AR-1248-5	8.069	7.172	33790240	14449637	224.433	127.270 #
26)	L6 AR-1254-1	7.995	7.123	59120805	44002949	339.007	229.737 #
27)	L6 AR-1254-2	8.231	7.292	113.0E6	92704898	408.487	533.614 #
28)	L6 AR-1254-3	8.627	7.752	28386578	102.0E6	95.647	352.812 #
29)	L6 AR-1254-4	8.929	7.988	44928407	29219622	216.180	163.652
30)	L6 AR-1254-5	9.366	8.431	262.4E6	180.4E6	911.186	700.335
31)	L7 AR-1260-1	8.797	7.878	207.2E6	179.4E6	623.247	654.438
32)	L7 AR-1260-2	9.068	8.083	400.4E6	358.1E6	991.202	1035.350
33)	L7 AR-1260-3	9.441	8.246	251.7E6	146.4E6	762.839	456.419 #
34)	L7 AR-1260-4	9.681	8.742	179.2E6	141.3E6	486.347	519.860
35)	L7 AR-1260-5	10.073	8.997	44188328	320.8E6	57.383	477.275 #
36)	L8 AR-1262-1	9.502	8.527	91460109	77717477	657.922	684.454
37)	L8 AR-1262-2	10.020	8.997	361.3E6	320.8E6	624.212	646.621
38)	L8 AR-1262-3	10.367	9.286	142.7E6	81662340	337.556	388.403
39)	L8 AR-1262-4	10.422	9.355	197.8E6	252.0E6	523.678	665.494 #
40)	L8 AR-1262-5	11.127	9.876	136.2E6	93693544	579.733	577.885
41)	L9 AR-1268-1	10.367	9.286	142.7E6	81662340	236.935	178.951
42)	L9 AR-1268-2	10.422	9.355	197.8E6	252.0E6	321.446	576.352 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040395.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2019 13:36
 Operator : SM\AJ
 Sample : K3006-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

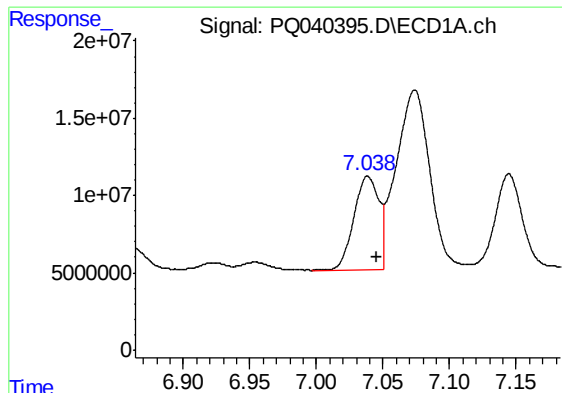
Instrument :
 ECD_Q
 ClientSampleId :
 BFH72

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 03:48:13 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
43) L9	AR-1268-3	10.674	9.562	5332098	3937464	9.816	10.488
44) L9	AR-1268-4	11.127	9.876	136.2E6	93693544	667.835	680.001
45) L9	AR-1268-5	11.550	10.185	50219514	30930607	27.177	26.208

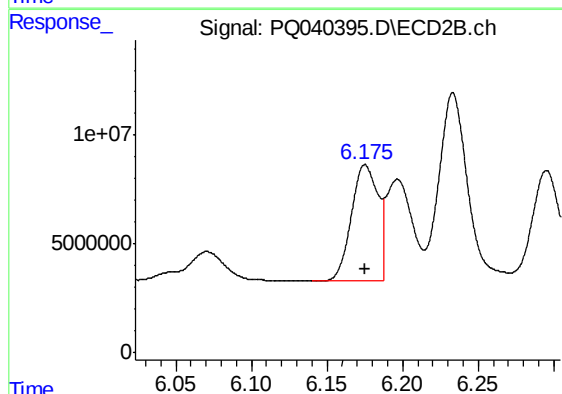
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

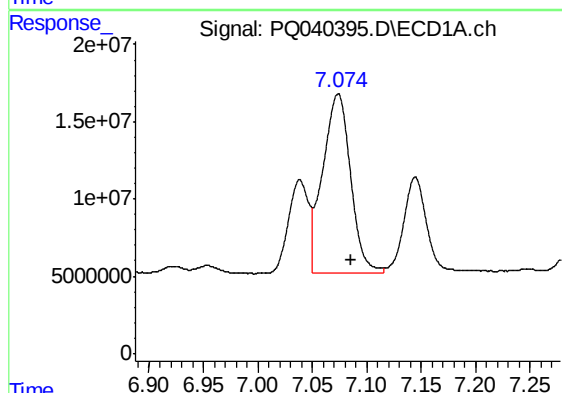
R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 78623203
Conc: 469.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



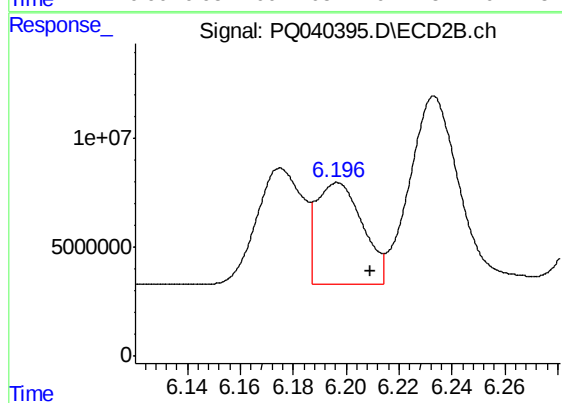
#3 AR-1016-1

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 65238382
Conc: 508.57 ng/ml



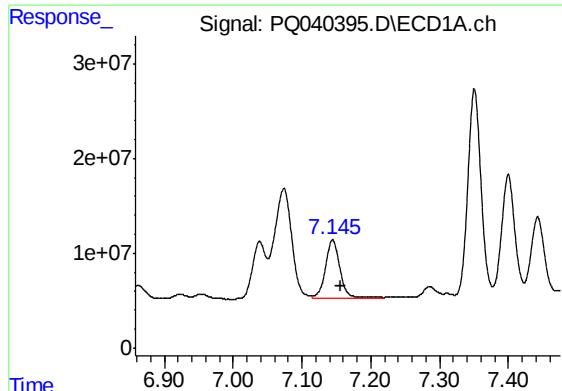
#4 AR-1016-2

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 206381874
Conc: 785.01 ng/ml



#4 AR-1016-2

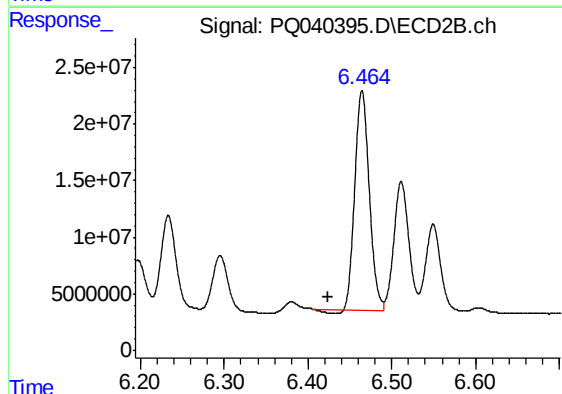
R.T.: 6.197 min
Delta R.T.: -0.013 min
Response: 56003499
Conc: 290.15 ng/ml



#5 AR-1016-3

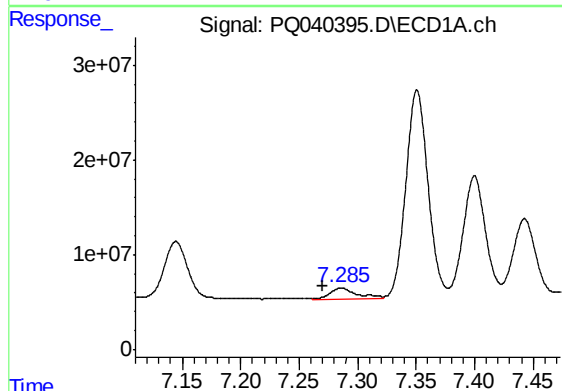
R.T.: 7.145 min
Delta R.T.: -0.011 min
Response: 90960805
Conc: 532.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



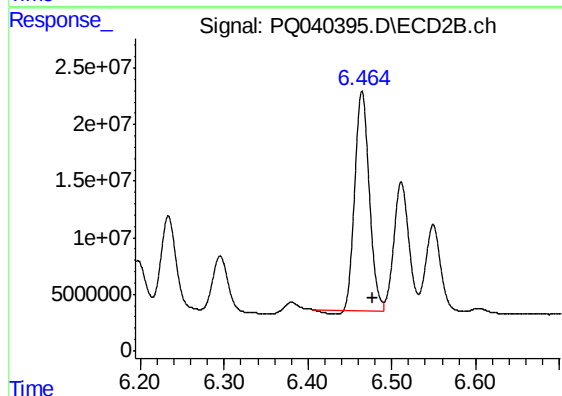
#5 AR-1016-3

R.T.: 6.465 min
Delta R.T.: 0.041 min
Response: 230336683
Conc: 2135.72 ng/ml



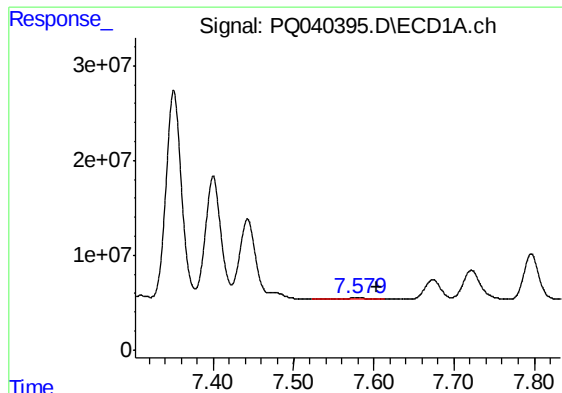
#6 AR-1016-4

R.T.: 7.286 min
Delta R.T.: 0.015 min
Response: 20123058
Conc: 145.58 ng/ml



#6 AR-1016-4

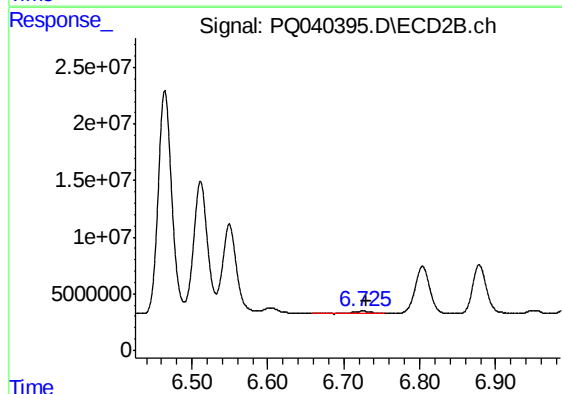
R.T.: 6.465 min
Delta R.T.: -0.013 min
Response: 230336683
Conc: 2705.10 ng/ml



#7 AR-1016-5

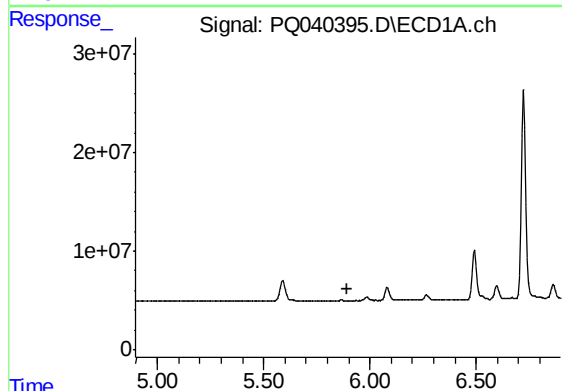
R.T.: 7.580 min
Delta R.T.: -0.024 min
Response: 2203605
Conc: 15.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



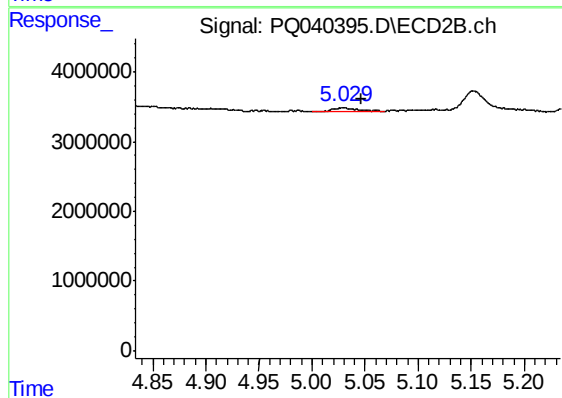
#7 AR-1016-5

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 2760832
Conc: 23.98 ng/ml



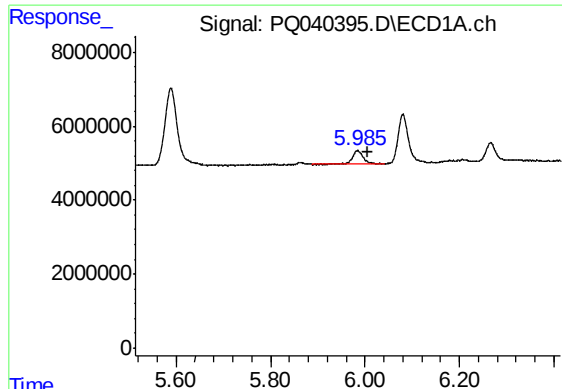
#8 AR-1221-1

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



#8 AR-1221-1

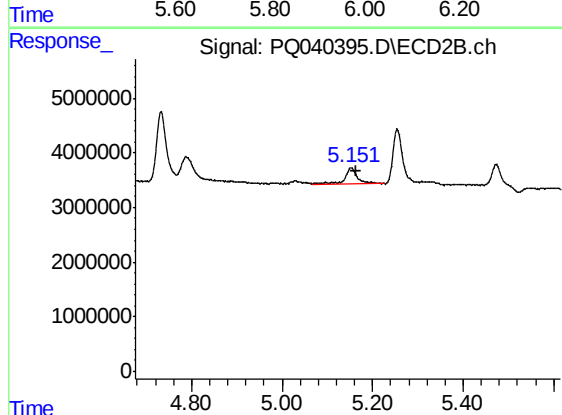
R.T.: 5.029 min
Delta R.T.: -0.017 min
Response: 1085397
Conc: 44.29 ng/ml



#9 AR-1221-2

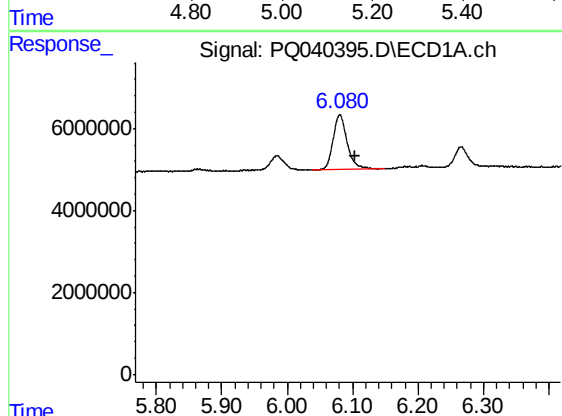
R.T.: 5.984 min
Delta R.T.: -0.022 min
Response: 5582914
Conc: 253.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



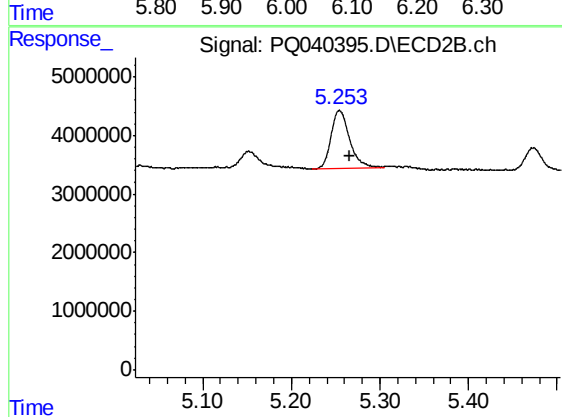
#9 AR-1221-2

R.T.: 5.152 min
Delta R.T.: -0.011 min
Response: 5810204
Conc: 356.72 ng/ml



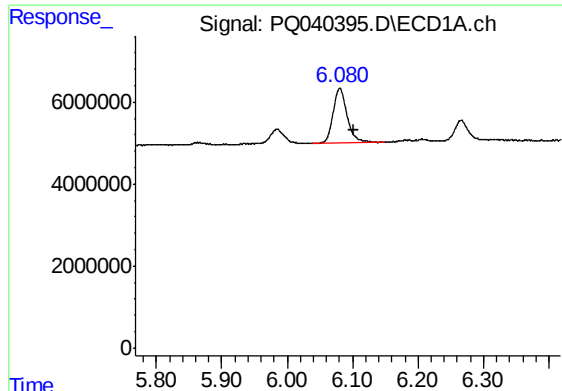
#10 AR-1221-3

R.T.: 6.080 min
Delta R.T.: -0.023 min
Response: 20033650
Conc: 226.78 ng/ml



#10 AR-1221-3

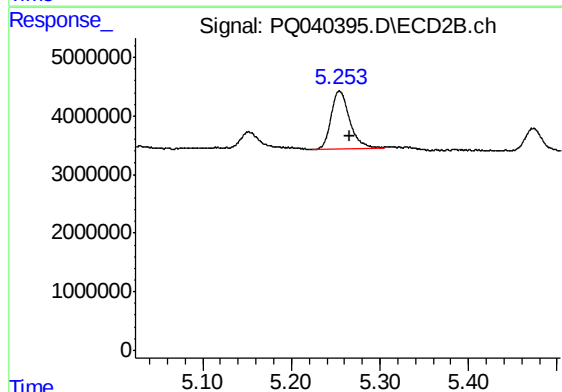
R.T.: 5.254 min
Delta R.T.: -0.012 min
Response: 14077567
Conc: 231.51 ng/ml



#11 AR-1232-1

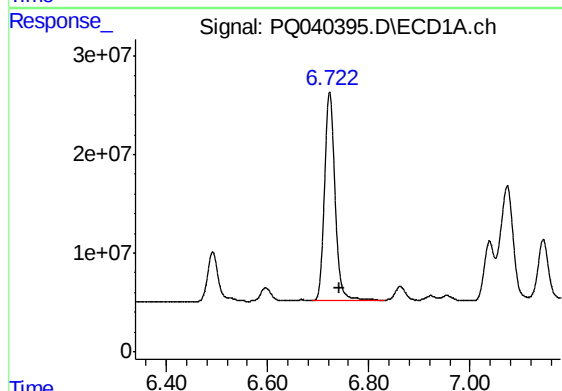
R.T.: 6.080 min
Delta R.T.: -0.021 min
Response: 20033650
Conc: 309.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



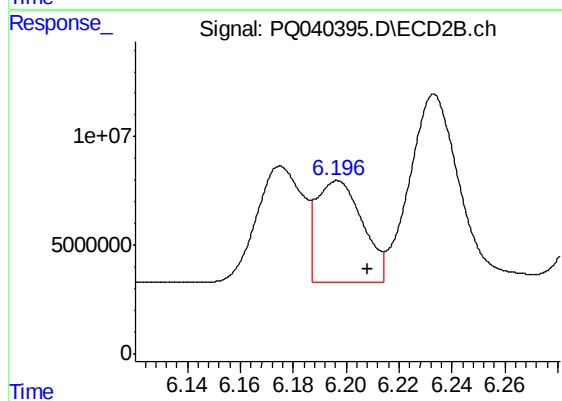
#11 AR-1232-1

R.T.: 5.254 min
Delta R.T.: -0.011 min
Response: 14077567
Conc: 307.21 ng/ml



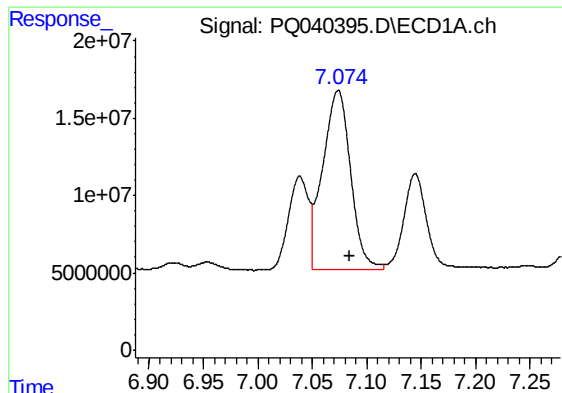
#12 AR-1232-2

R.T.: 6.723 min
Delta R.T.: -0.021 min
Response: 309246458
Conc: 7799.88 ng/ml



#12 AR-1232-2

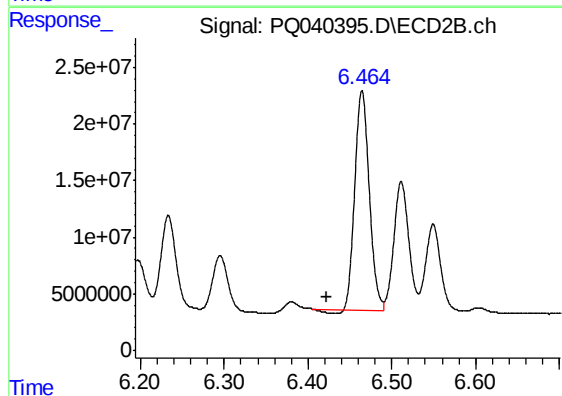
R.T.: 6.197 min
Delta R.T.: -0.012 min
Response: 56003499
Conc: 933.60 ng/ml



#13 AR-1232-3

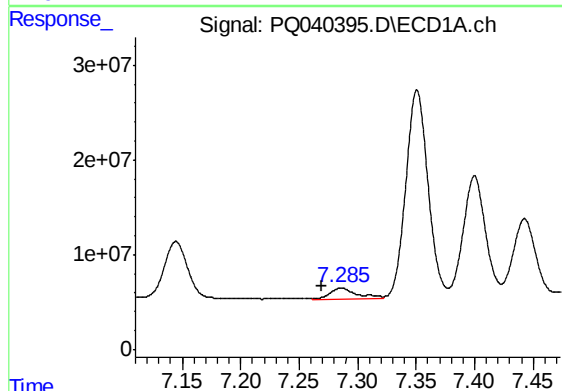
R.T.: 7.074 min
Delta R.T.: -0.011 min
Response: 206381874
Conc: 2553.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



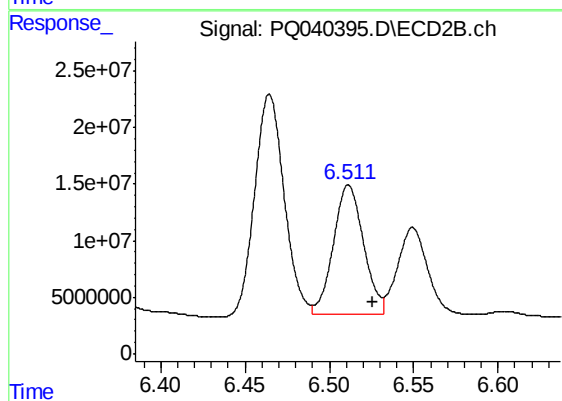
#13 AR-1232-3

R.T.: 6.465 min
Delta R.T.: 0.042 min
Response: 230336683
Conc: 6549.64 ng/ml



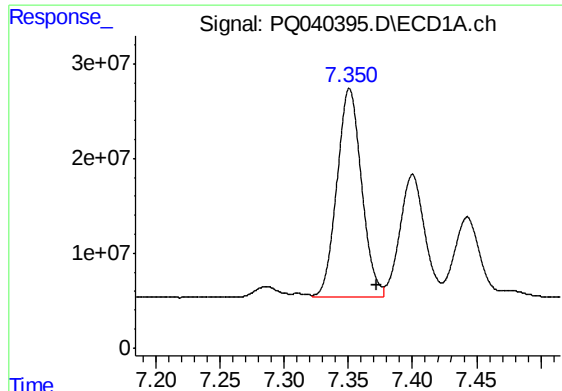
#14 AR-1232-4

R.T.: 7.286 min
Delta R.T.: 0.016 min
Response: 20123058
Conc: 481.43 ng/ml



#14 AR-1232-4

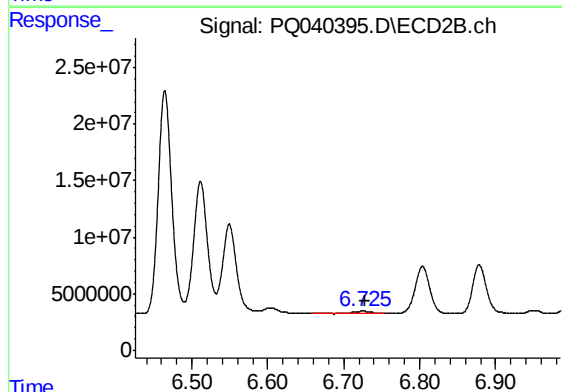
R.T.: 6.511 min
Delta R.T.: -0.014 min
Response: 142356446
Conc: 4817.76 ng/ml



#15 AR-1232-5

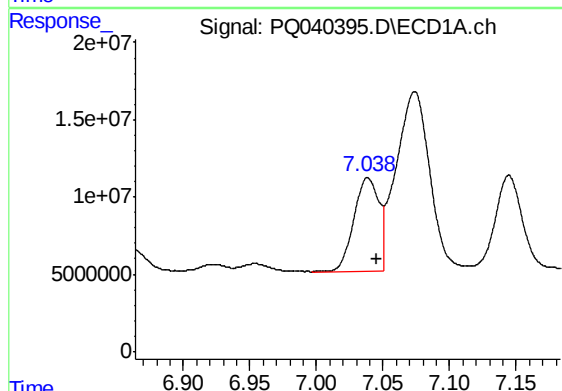
R.T.: 7.351 min
Delta R.T.: -0.021 min
Response: 293788012
Conc: 9269.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



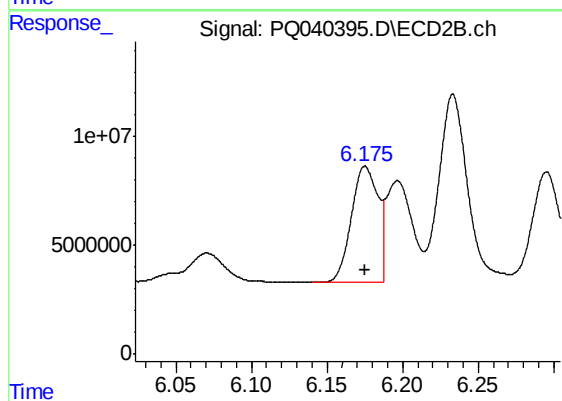
#15 AR-1232-5

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 2760832
Conc: 91.71 ng/ml



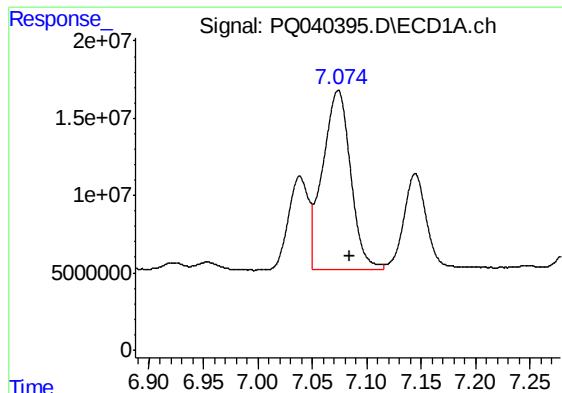
#16 AR-1242-1

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 78623203
Conc: 810.92 ng/ml



#16 AR-1242-1

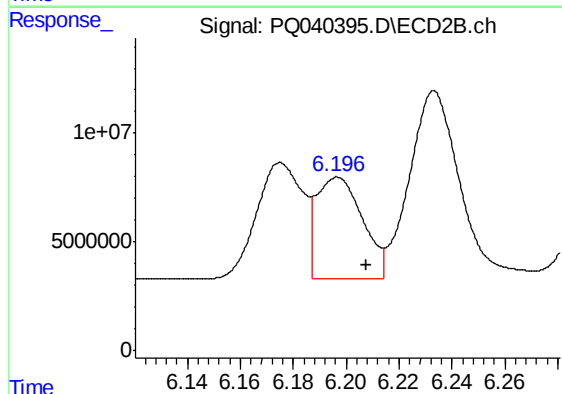
R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 65238382
Conc: 882.22 ng/ml



#17 AR-1242-2

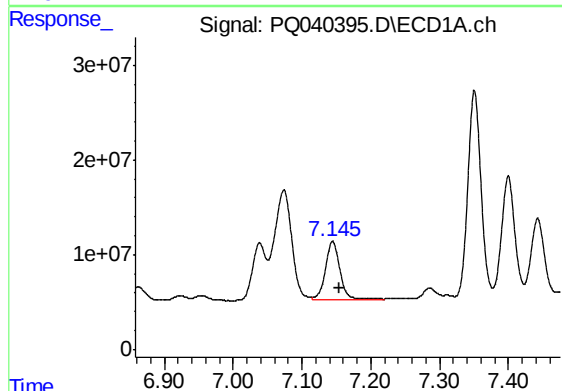
R.T.: 7.074 min
Delta R.T.: -0.011 min
Response: 206381874
Conc: 1428.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



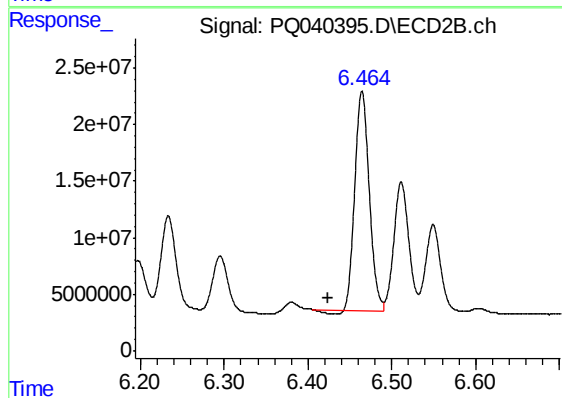
#17 AR-1242-2

R.T.: 6.197 min
Delta R.T.: -0.011 min
Response: 56003499
Conc: 526.05 ng/ml



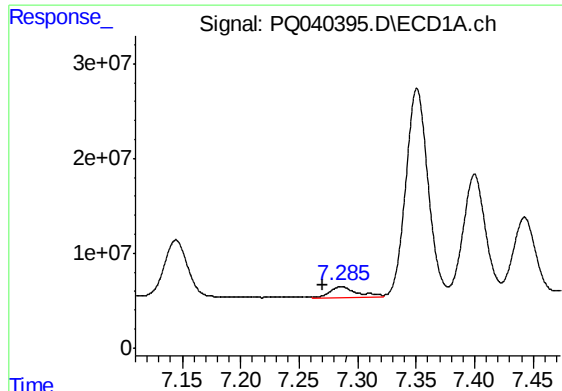
#18 AR-1242-3

R.T.: 7.145 min
Delta R.T.: -0.010 min
Response: 90960805
Conc: 977.12 ng/ml



#18 AR-1242-3

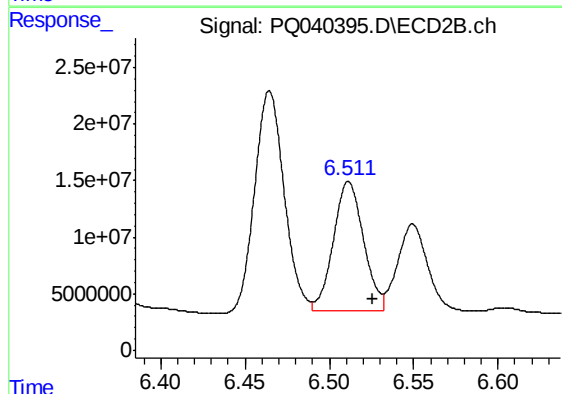
R.T.: 6.465 min
Delta R.T.: 0.041 min
Response: 230336683
Conc: 3818.30 ng/ml



#19 AR-1242-4

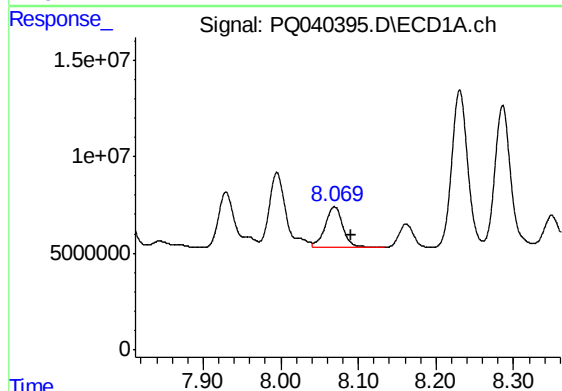
R.T.: 7.286 min
Delta R.T.: 0.016 min
Response: 20123058
Conc: 267.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



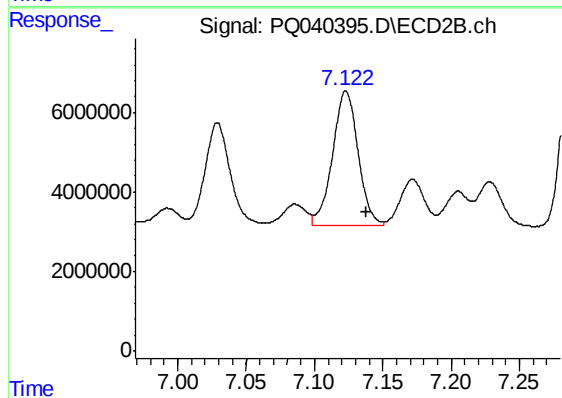
#19 AR-1242-4

R.T.: 6.511 min
Delta R.T.: -0.014 min
Response: 142356446
Conc: 2388.51 ng/ml



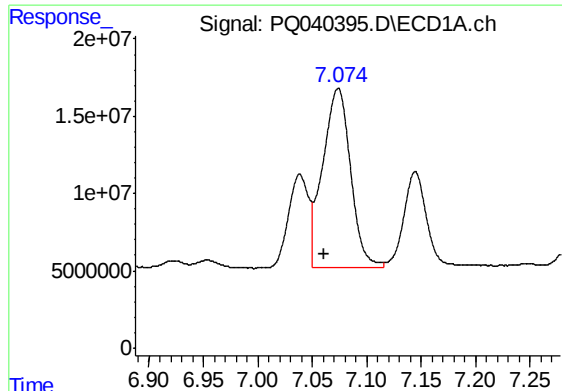
#20 AR-1242-5

R.T.: 8.069 min
Delta R.T.: -0.021 min
Response: 33790240
Conc: 389.77 ng/ml



#20 AR-1242-5

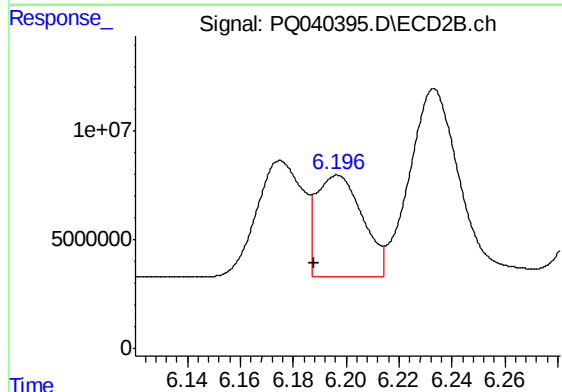
R.T.: 7.123 min
Delta R.T.: -0.015 min
Response: 44002949
Conc: 546.02 ng/ml



#21 AR-1248-1

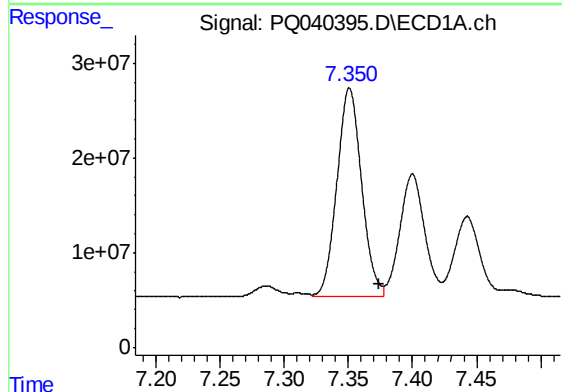
R.T.: 7.074 min
Delta R.T.: 0.013 min
Response: 206381874
Conc: 2666.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



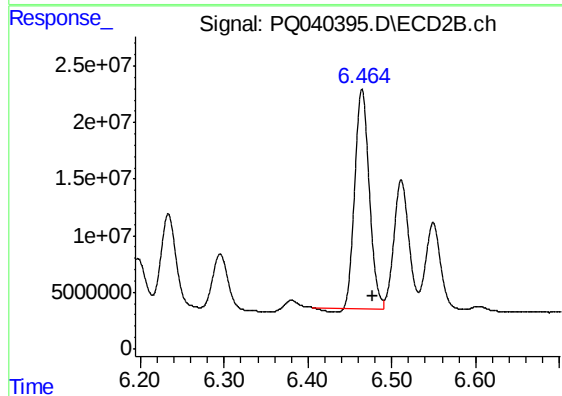
#21 AR-1248-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 56003499
Conc: 971.89 ng/ml



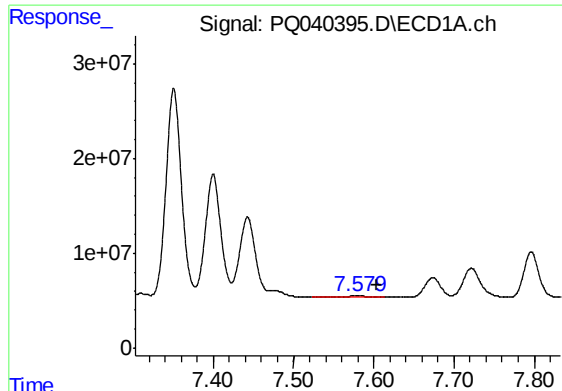
#22 AR-1248-2

R.T.: 7.351 min
Delta R.T.: -0.023 min
Response: 293788012
Conc: 2608.39 ng/ml



#22 AR-1248-2

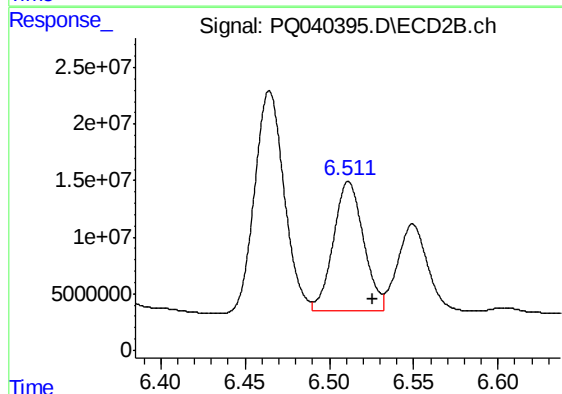
R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 230336683
Conc: 2619.86 ng/ml



#23 AR-1248-3

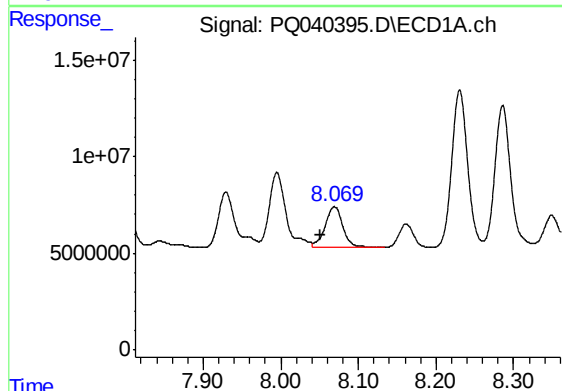
R.T.: 7.580 min
Delta R.T.: -0.024 min
Response: 2203605
Conc: 15.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



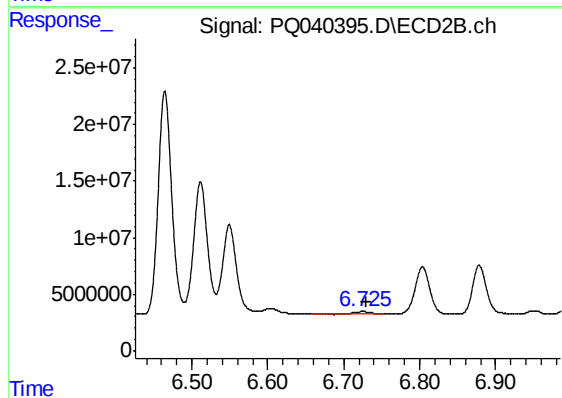
#23 AR-1248-3

R.T.: 6.511 min
Delta R.T.: -0.015 min
Response: 142356446
Conc: 1573.29 ng/ml



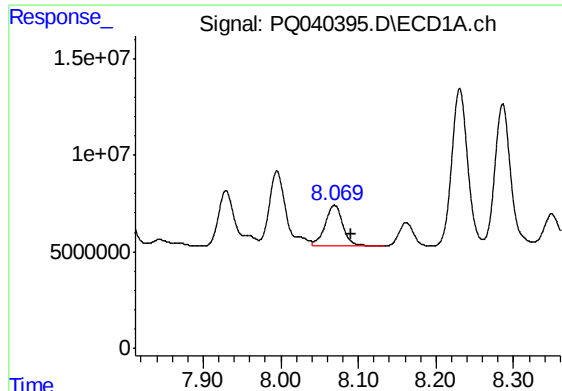
#24 AR-1248-4

R.T.: 8.069 min
Delta R.T.: 0.019 min
Response: 33790240
Conc: 223.82 ng/ml



#24 AR-1248-4

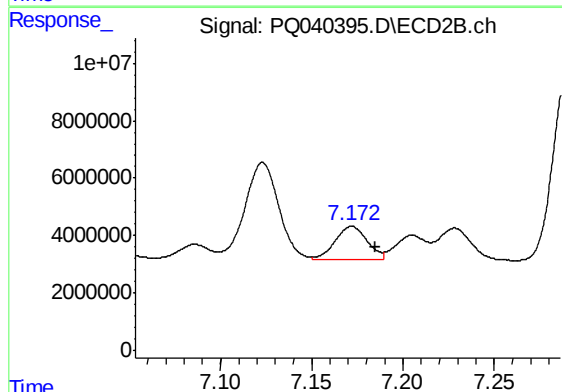
R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 2760832
Conc: 25.00 ng/ml



#25 AR-1248-5

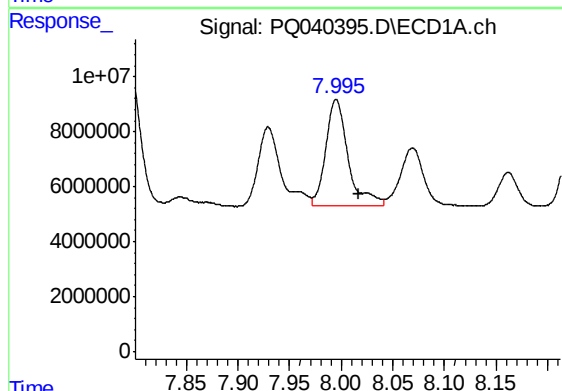
R.T.: 8.069 min
Delta R.T.: -0.022 min
Response: 33790240
Conc: 224.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



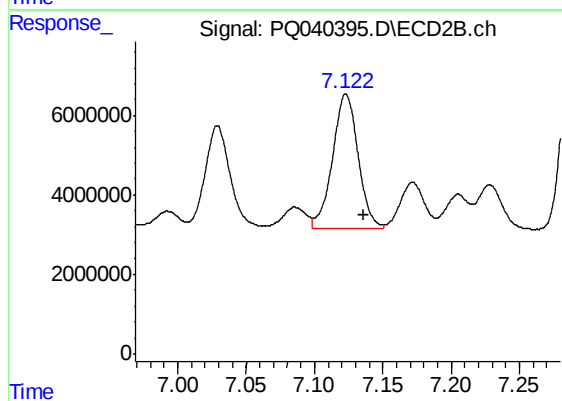
#25 AR-1248-5

R.T.: 7.172 min
Delta R.T.: -0.013 min
Response: 14449637
Conc: 127.27 ng/ml



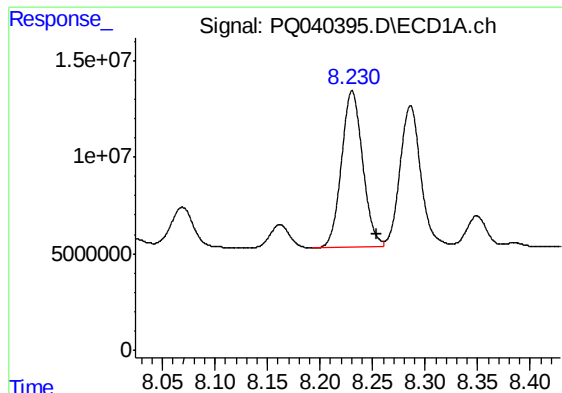
#26 AR-1254-1

R.T.: 7.995 min
Delta R.T.: -0.022 min
Response: 59120805
Conc: 339.01 ng/ml



#26 AR-1254-1

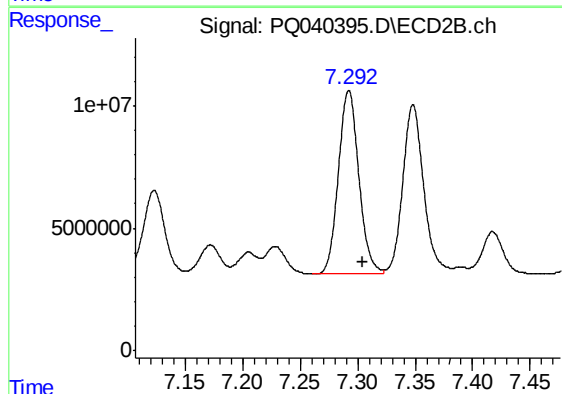
R.T.: 7.123 min
Delta R.T.: -0.013 min
Response: 44002949
Conc: 229.74 ng/ml



#27 AR-1254-2

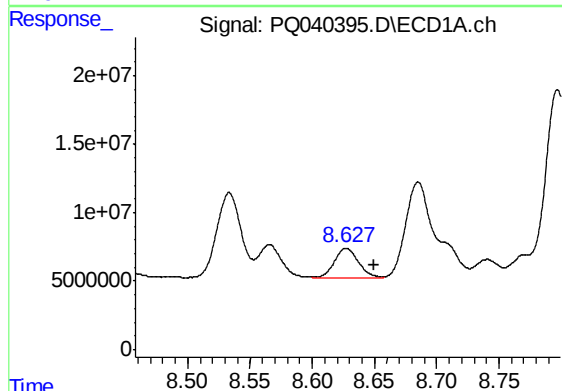
R.T.: 8.231 min
Delta R.T.: -0.024 min
Response: 112968470
Conc: 408.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



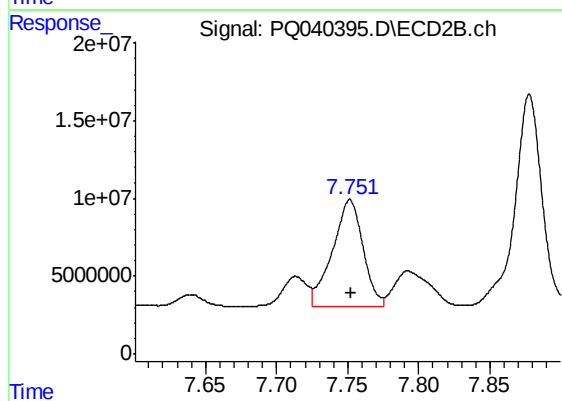
#27 AR-1254-2

R.T.: 7.292 min
Delta R.T.: -0.012 min
Response: 92704898
Conc: 533.61 ng/ml



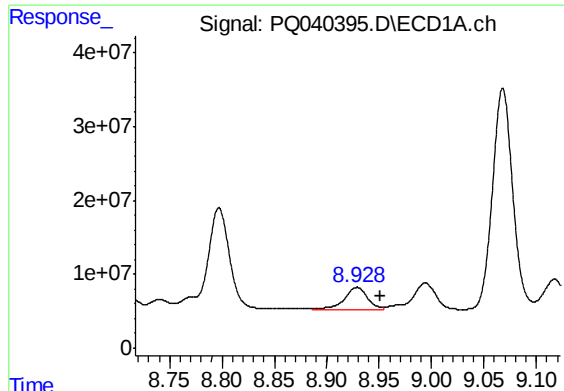
#28 AR-1254-3

R.T.: 8.627 min
Delta R.T.: -0.022 min
Response: 28386578
Conc: 95.65 ng/ml



#28 AR-1254-3

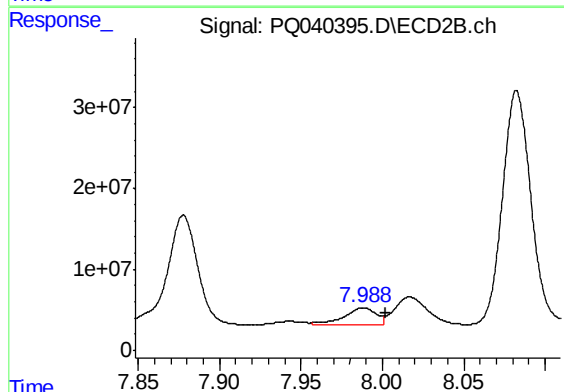
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 101956320
Conc: 352.81 ng/ml



#29 AR-1254-4

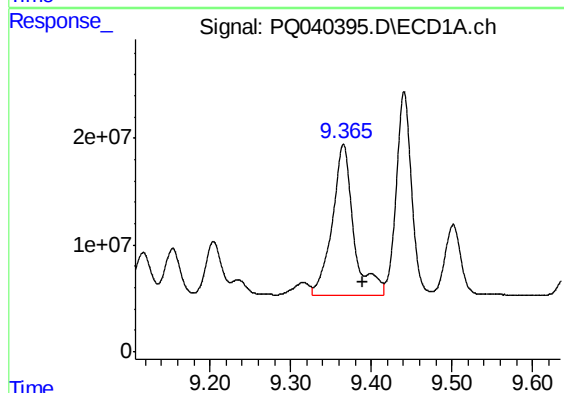
R.T.: 8.929 min
Delta R.T.: -0.023 min
Response: 44928407
Conc: 216.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



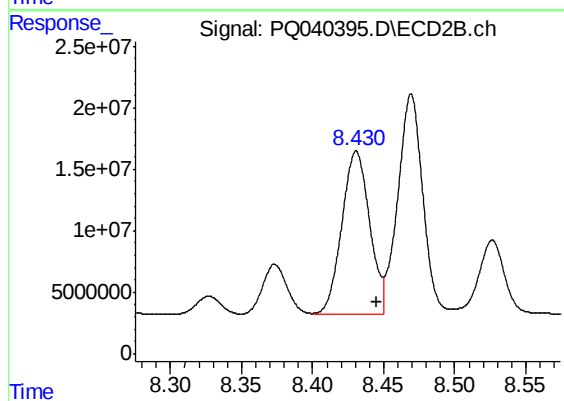
#29 AR-1254-4

R.T.: 7.988 min
Delta R.T.: -0.014 min
Response: 29219622
Conc: 163.65 ng/ml



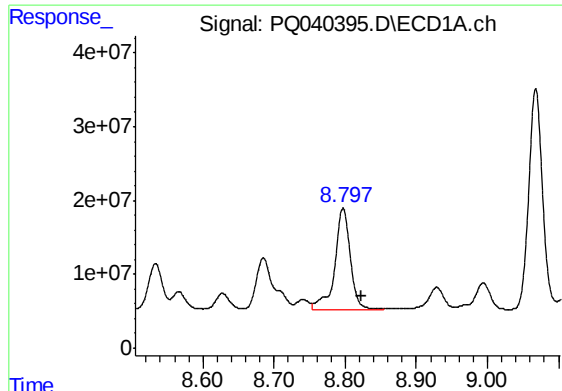
#30 AR-1254-5

R.T.: 9.366 min
Delta R.T.: -0.025 min
Response: 262415716
Conc: 911.19 ng/ml



#30 AR-1254-5

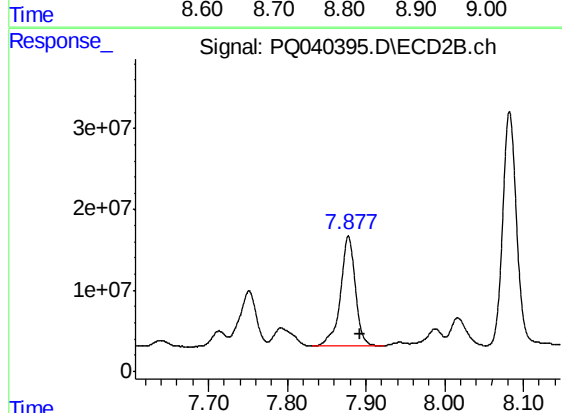
R.T.: 8.431 min
Delta R.T.: -0.015 min
Response: 180427553
Conc: 700.34 ng/ml



#31 AR-1260-1

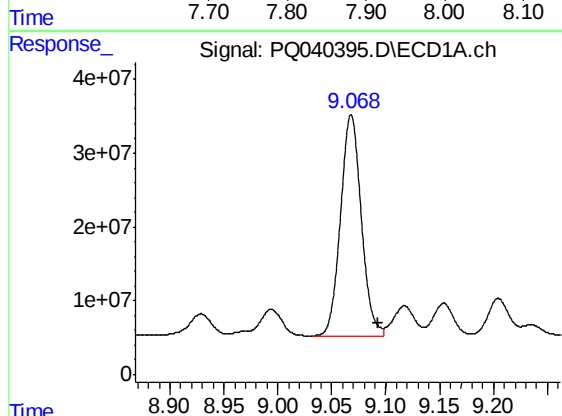
R.T.: 8.797 min
Delta R.T.: -0.025 min
Response: 207173184
Conc: 623.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



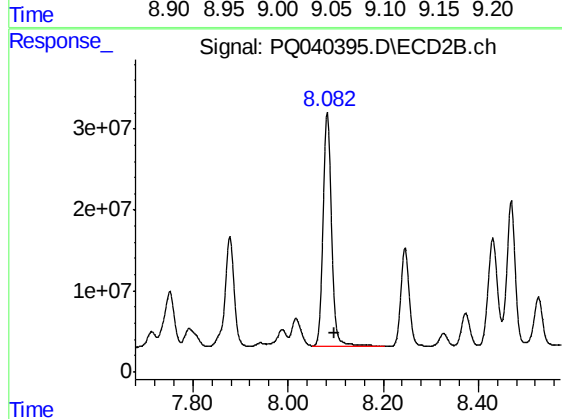
#31 AR-1260-1

R.T.: 7.878 min
Delta R.T.: -0.014 min
Response: 179406331
Conc: 654.44 ng/ml



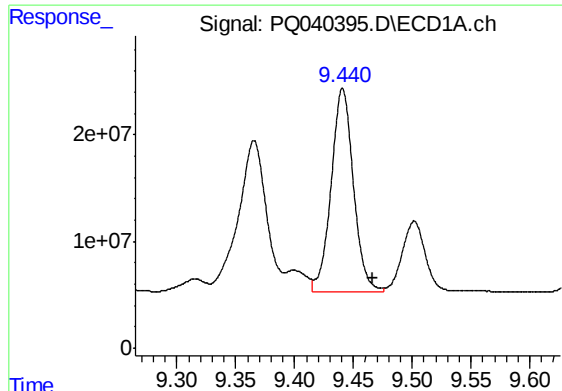
#32 AR-1260-2

R.T.: 9.068 min
Delta R.T.: -0.025 min
Response: 400413045
Conc: 991.20 ng/ml



#32 AR-1260-2

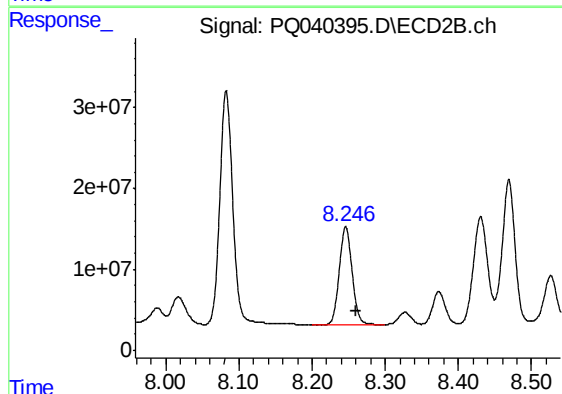
R.T.: 8.083 min
Delta R.T.: -0.015 min
Response: 358144894
Conc: 1035.35 ng/ml



#33 AR-1260-3

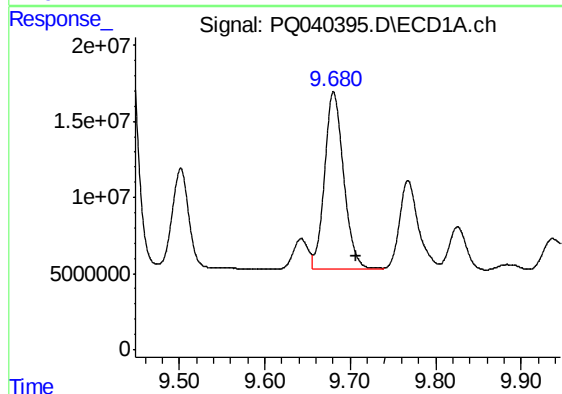
R.T.: 9.441 min
Delta R.T.: -0.026 min
Response: 251651729
Conc: 762.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



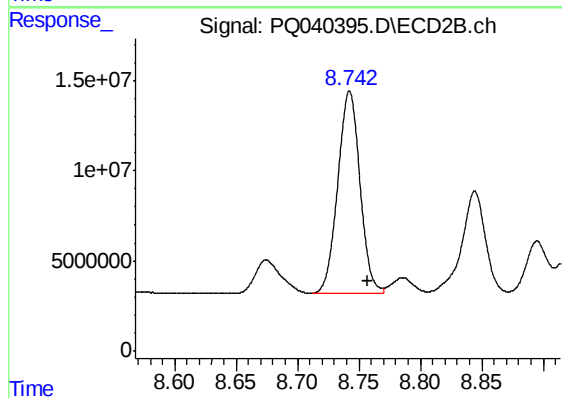
#33 AR-1260-3

R.T.: 8.246 min
Delta R.T.: -0.014 min
Response: 146375741
Conc: 456.42 ng/ml



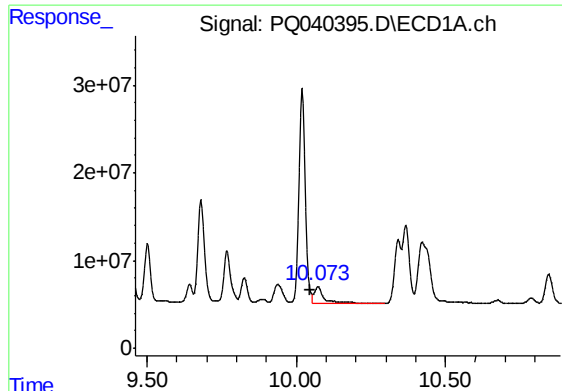
#34 AR-1260-4

R.T.: 9.681 min
Delta R.T.: -0.027 min
Response: 179234991
Conc: 486.35 ng/ml



#34 AR-1260-4

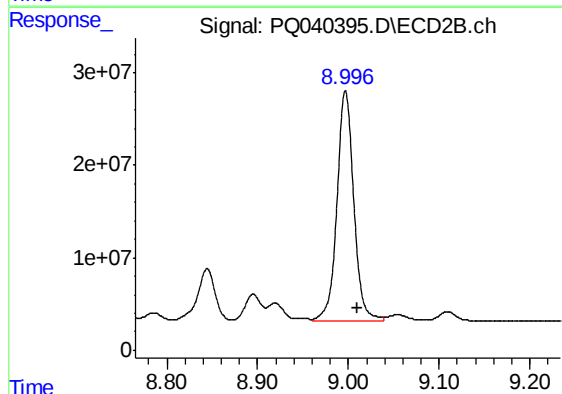
R.T.: 8.742 min
Delta R.T.: -0.014 min
Response: 141256021
Conc: 519.86 ng/ml



#35 AR-1260-5

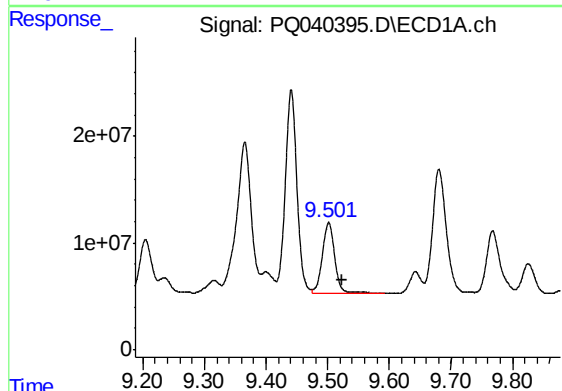
R.T.: 10.073 min
Delta R.T.: 0.026 min
Response: 44188328
Conc: 57.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



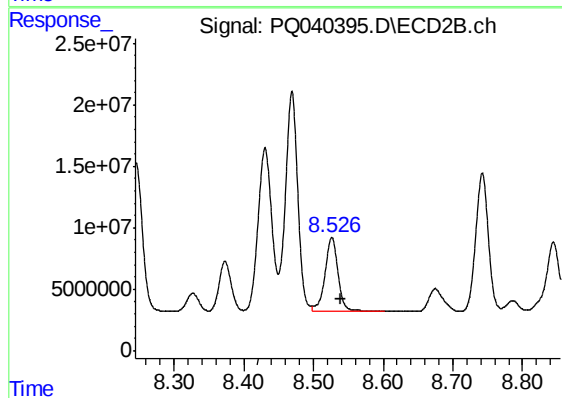
#35 AR-1260-5

R.T.: 8.997 min
Delta R.T.: -0.014 min
Response: 320814634
Conc: 477.27 ng/ml



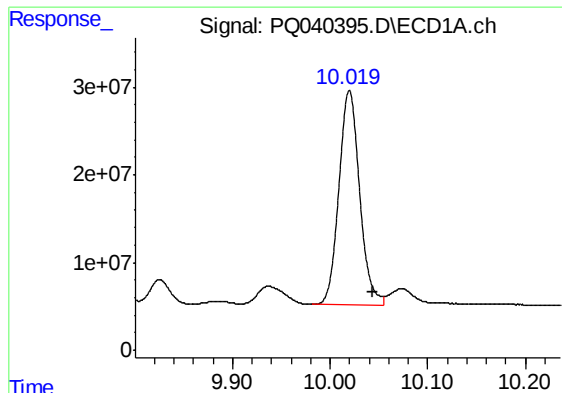
#36 AR-1262-1

R.T.: 9.502 min
Delta R.T.: -0.022 min
Response: 91460109
Conc: 657.92 ng/ml



#36 AR-1262-1

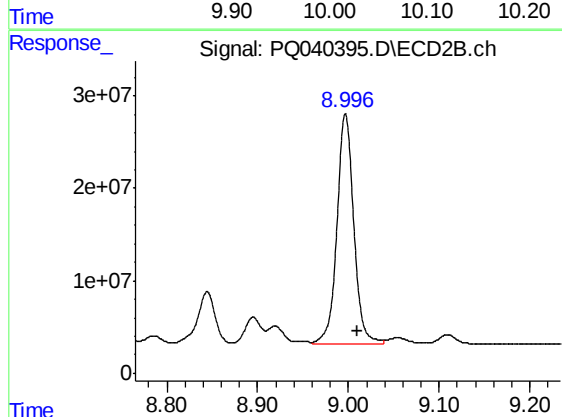
R.T.: 8.527 min
Delta R.T.: -0.013 min
Response: 77717477
Conc: 684.45 ng/ml



#37 AR-1262-2

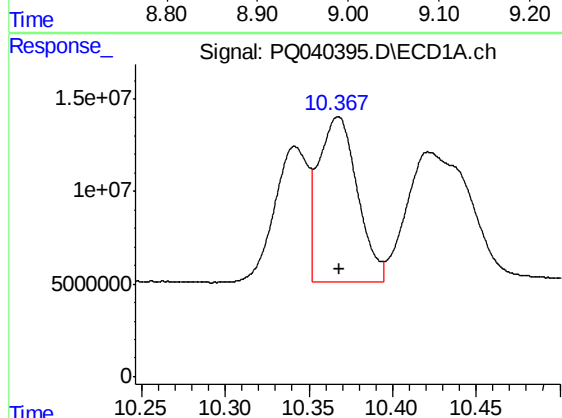
R.T.: 10.020 min
Delta R.T.: -0.025 min
Response: 361263256
Conc: 624.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



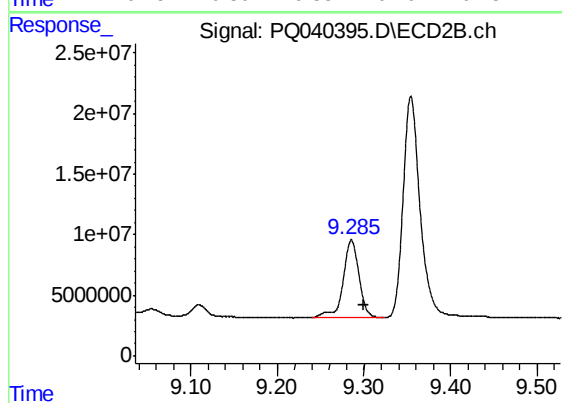
#37 AR-1262-2

R.T.: 8.997 min
Delta R.T.: -0.013 min
Response: 320814634
Conc: 646.62 ng/ml



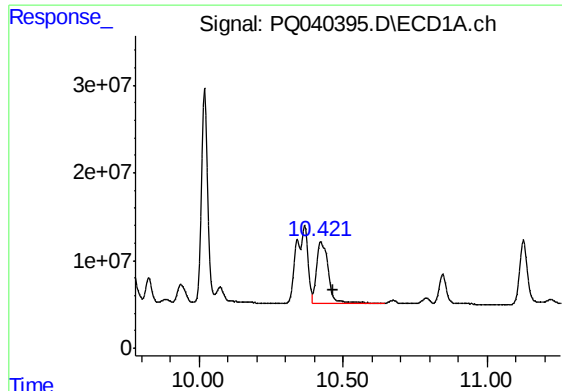
#38 AR-1262-3

R.T.: 10.367 min
Delta R.T.: -0.001 min
Response: 142723876
Conc: 337.56 ng/ml



#38 AR-1262-3

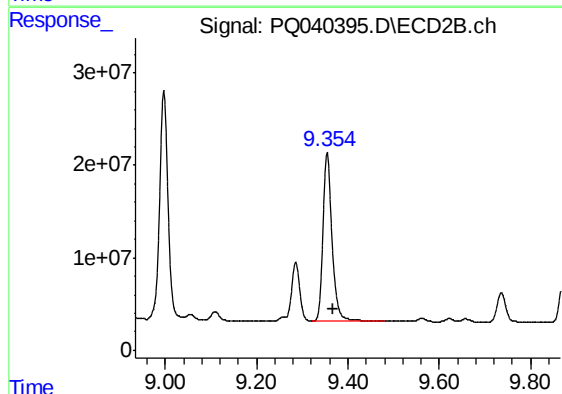
R.T.: 9.286 min
Delta R.T.: -0.015 min
Response: 81662340
Conc: 388.40 ng/ml



#39 AR-1262-4

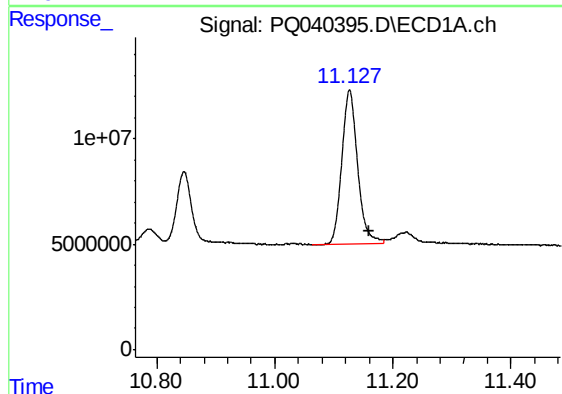
R.T.: 10.422 min
Delta R.T.: -0.045 min
Response: 197791466
Conc: 523.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



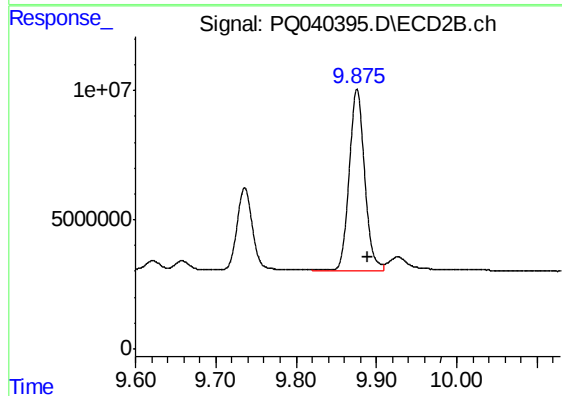
#39 AR-1262-4

R.T.: 9.355 min
Delta R.T.: -0.014 min
Response: 251973004
Conc: 665.49 ng/ml



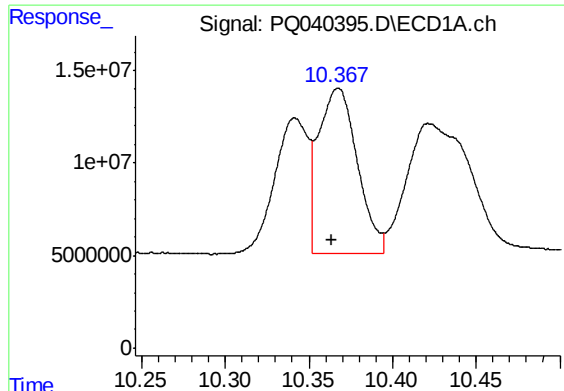
#40 AR-1262-5

R.T.: 11.127 min
Delta R.T.: -0.033 min
Response: 136213994
Conc: 579.73 ng/ml



#40 AR-1262-5

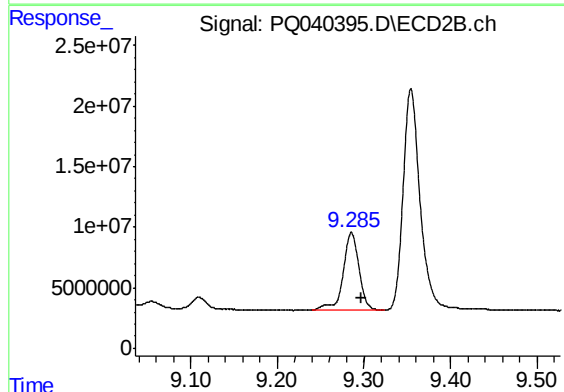
R.T.: 9.876 min
Delta R.T.: -0.014 min
Response: 93693544
Conc: 577.88 ng/ml



#41 AR-1268-1

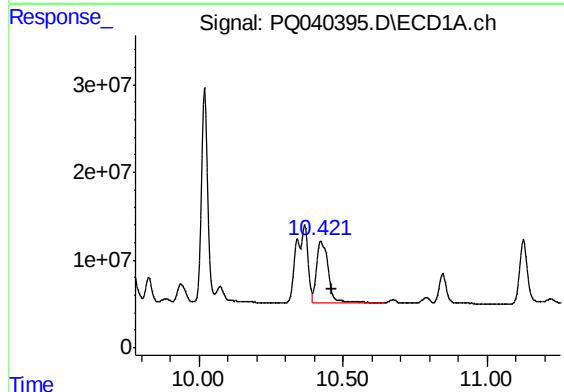
R.T.: 10.367 min
Delta R.T.: 0.003 min
Response: 142723876
Conc: 236.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



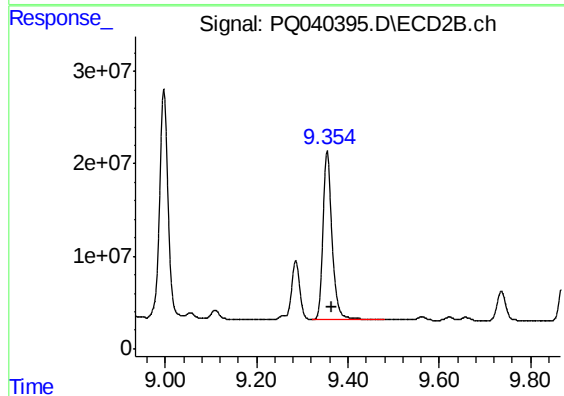
#41 AR-1268-1

R.T.: 9.286 min
Delta R.T.: -0.011 min
Response: 81662340
Conc: 178.95 ng/ml



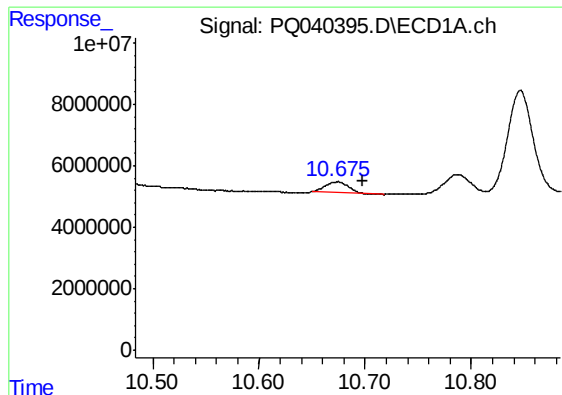
#42 AR-1268-2

R.T.: 10.422 min
Delta R.T.: -0.041 min
Response: 197791466
Conc: 321.45 ng/ml



#42 AR-1268-2

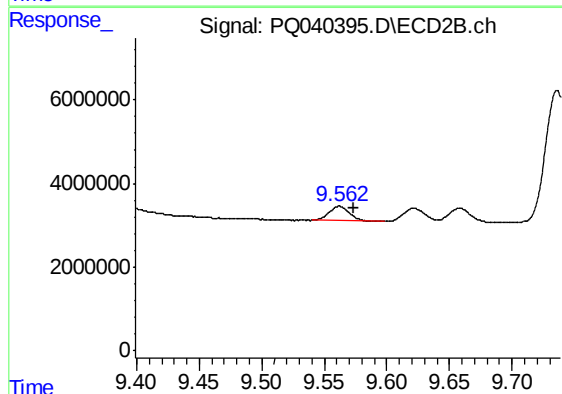
R.T.: 9.355 min
Delta R.T.: -0.011 min
Response: 251973004
Conc: 576.35 ng/ml



#43 AR-1268-3

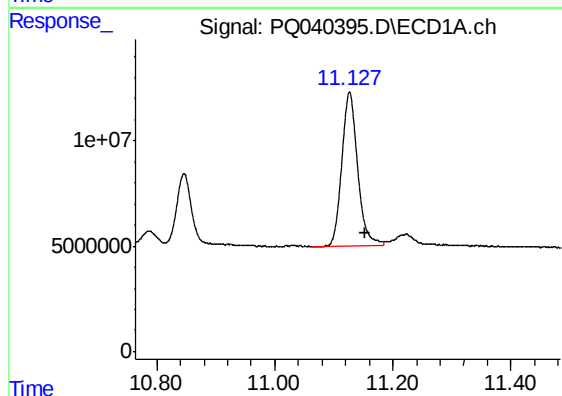
R.T.: 10.674 min
Delta R.T.: -0.024 min
Response: 5332098
Conc: 9.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



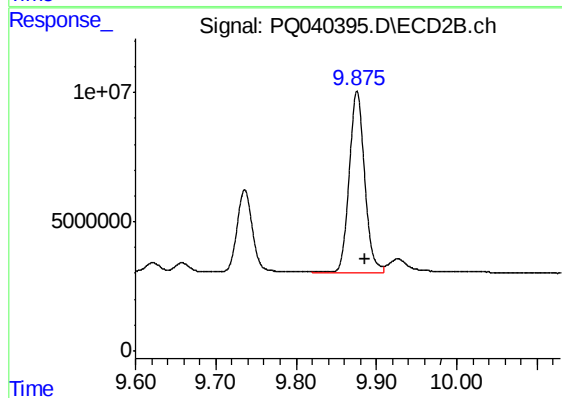
#43 AR-1268-3

R.T.: 9.562 min
Delta R.T.: -0.011 min
Response: 3937464
Conc: 10.49 ng/ml



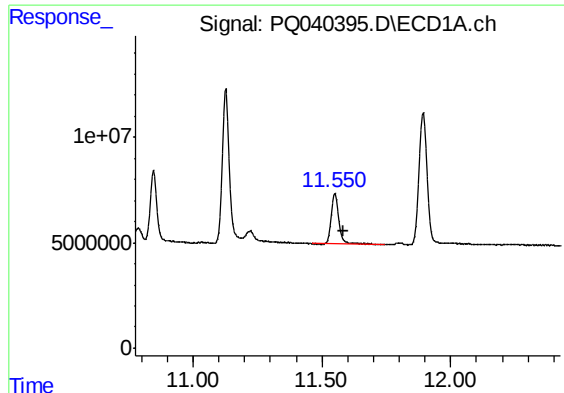
#44 AR-1268-4

R.T.: 11.127 min
Delta R.T.: -0.027 min
Response: 136213994
Conc: 667.84 ng/ml



#44 AR-1268-4

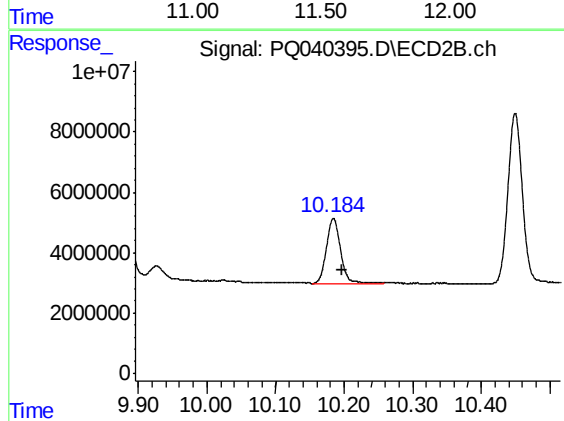
R.T.: 9.876 min
Delta R.T.: -0.011 min
Response: 93693544
Conc: 680.00 ng/ml



#45 AR-1268-5

R.T.: 11.550 min
Delta R.T.: -0.032 min
Response: 50219514
Conc: 27.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH72



#45 AR-1268-5

R.T.: 10.185 min
Delta R.T.: -0.012 min
Response: 30930607
Conc: 26.21 ng/ml