

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 05:52
 Operator : SM\AJ
 Sample : K4484-15
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ73

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 09:06:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.624	4.688	66228355	60431981	22.311	24.114
2)	SA Decachlor...	11.976	10.417	200.4E6	173.5E6	26.552	28.407
Target Compounds							
3)	L1 AR-1016-1	7.071	6.138	23956073	22205512	196.865	192.838
4)	L1 AR-1016-2	7.095	6.160	85903244	85059542	466.767	529.869
5)	L1 AR-1016-3	7.173	6.373	3483364	9573021	28.014	111.649 #
6)	L1 AR-1016-4	7.277	6.428	8802505	37317991	99.617	516.805 #
7)	L1 AR-1016-5	7.613	6.679	30087626	34182794	355.773	381.649
9)	L2 AR-1221-2	6.016	5.106	962675	1004099	39.514	41.724
10)	L2 AR-1221-3	0.000	5.285	0	1538317	N.D.	18.625 #
11)	L3 AR-1232-1	0.000	5.285	0	1538317	N.D.	22.835 #
12)	L3 AR-1232-2	6.754	6.160	13059269	85059542	354.794	1113.492 #
13)	L3 AR-1232-3	7.095	6.373	85903244	9573021	1027.596	235.930 #
14)	L3 AR-1232-4	7.277	6.476	8802505	38980999	215.890	979.856 #
15)	L3 AR-1232-5	7.385	6.679	33285653	34182794	1360.875	862.000 #
16)	L4 AR-1242-1	7.071	6.138	23956073	22205512	229.551	214.961
17)	L4 AR-1242-2	7.095	6.160	85903244	85059542	563.949	600.240
18)	L4 AR-1242-3	7.173	6.373	3483364	9573021	34.179	126.489 #
19)	L4 AR-1242-4	7.277	6.476	8802505	38980999	114.451	509.058 #
20)	L4 AR-1242-5	8.101	7.088	64320096	72559920	681.684	647.302
21)	L5 AR-1248-1	7.071	6.138	23956073	22205512	287.324	270.138
22)	L5 AR-1248-2	7.385	6.428	33285653	37317991	325.913	338.751
23)	L5 AR-1248-3	7.613	6.476	30087626	38980999	237.099	345.895 #
24)	L5 AR-1248-4	8.060	6.679	48475214	34182794	292.418	250.210
25)	L5 AR-1248-5	8.101	7.134	64320096	66655543	403.996	423.413
26)	L6 AR-1254-1	8.028	7.088	56456262	72559920	384.765	321.566
27)	L6 AR-1254-2	8.270	7.256	90221077	30938075	376.117	153.003 #
28)	L6 AR-1254-3	8.666	7.702	83754510	56741299	293.781	161.131 #
29)	L6 AR-1254-4	8.965	7.952	32566310	39428308	136.584	153.651
30)	L6 AR-1254-5	9.423	8.396	145.4E6	111.0E6	563.182	305.395 #
31)	L7 AR-1260-1	8.834	7.843	7261173	27681831	41.188	135.677 #
32)	L7 AR-1260-2	9.101	8.049	172.3E6	20779351	716.793	77.571 #
33)	L7 AR-1260-3	9.476	8.210	7060527	12083183	32.657	50.693 #
34)	L7 AR-1260-4	9.714	8.708	11651578	5843948	47.983	25.777 #
35)	L7 AR-1260-5	10.061	8.960	14045515	15150388	23.659	24.327
36)	L8 AR-1262-1	9.539	8.492	2450678	3387352	17.002	19.788
37)	L8 AR-1262-2	10.061	8.960	14045515	15150388	18.668	18.136
38)	L8 AR-1262-3	10.412	9.253	9263336	5827816	17.224	16.396
39)	L8 AR-1262-4	10.468	9.318	6494658	13214969	14.939	20.494 #
40)	L8 AR-1262-5	11.187	9.837	5296628	4710361	15.442	14.890
41)	L9 AR-1268-1	10.412	9.253	9263336	5827816	9.688	5.805 #
42)	L9 AR-1268-2	10.468	9.318	6494658	13214969	6.973	14.073 #
43)	L9 AR-1268-3	10.728	9.529	2009090	2754294	2.479	3.458 #

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 Operator : SM\AJ
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 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ73

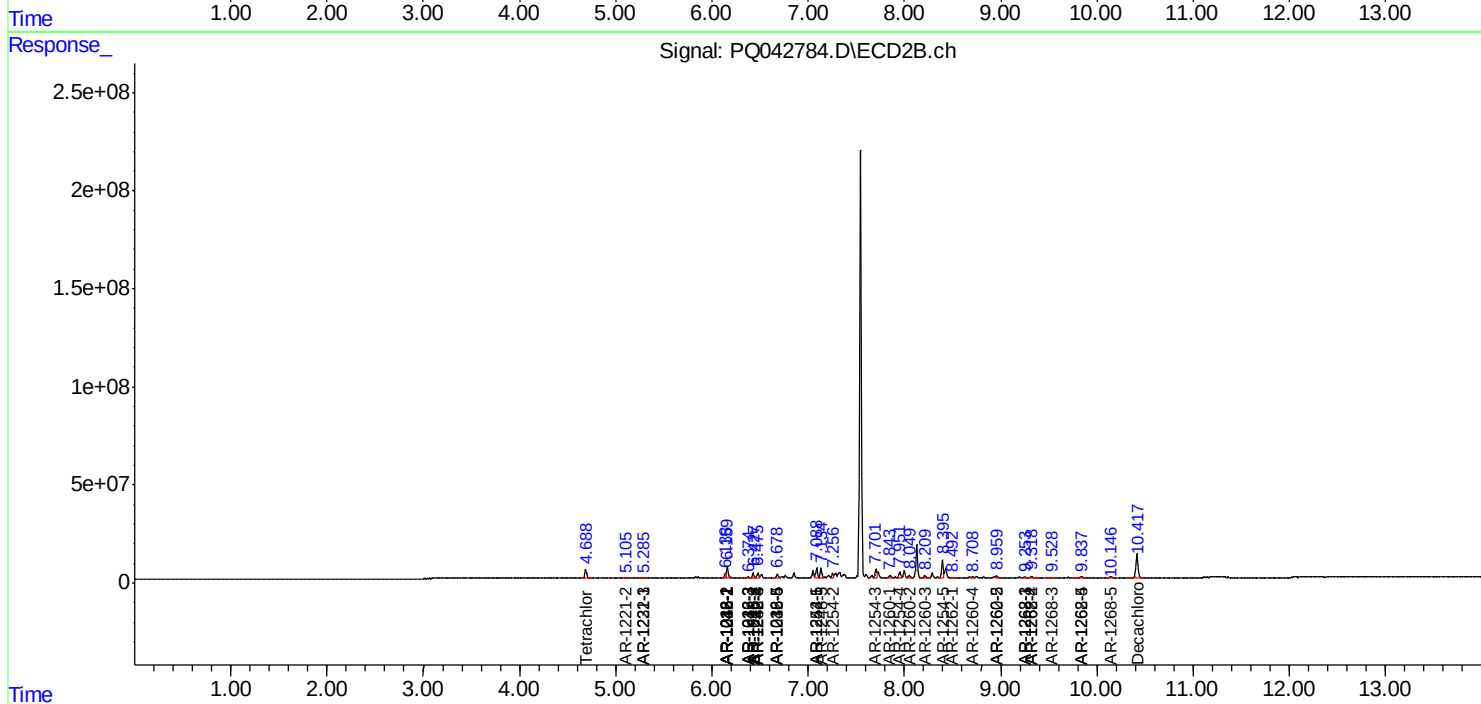
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 09:06:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

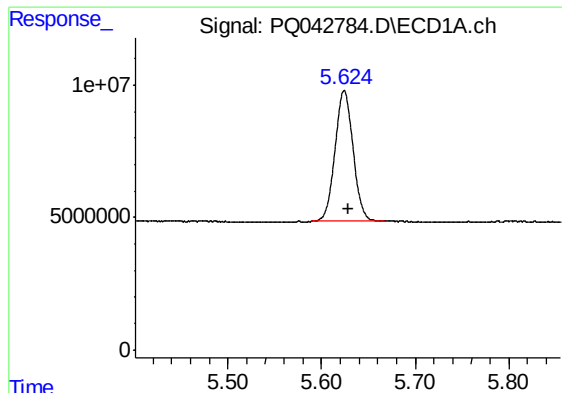
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	11.187	9.837	5296628	4710361	14.275	13.763
45) L9	AR-1268-5	11.625	10.147	3528141	2169556	1.247	0.846 #

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

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

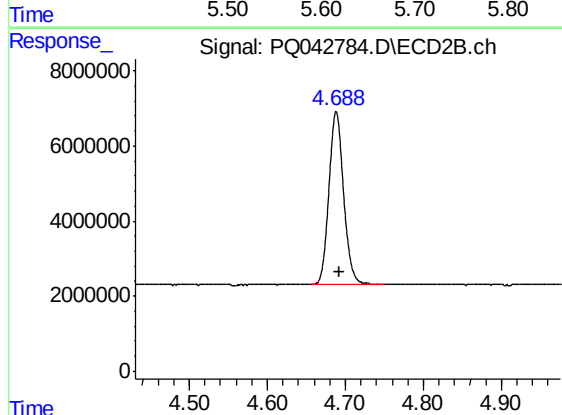




#1 Tetrachloro-m-xylene

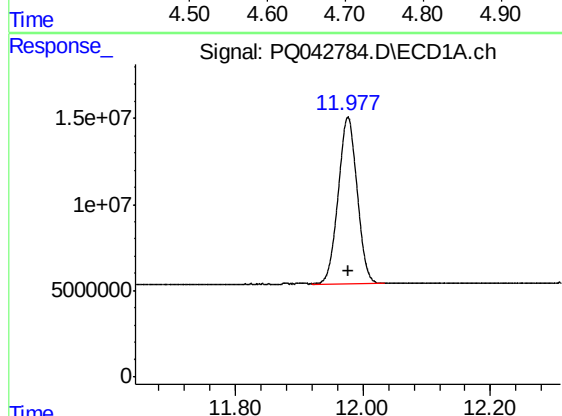
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 66228355
Conc: 22.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



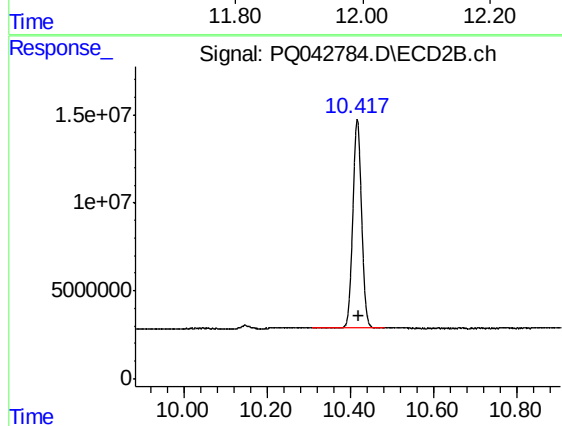
#1 Tetrachloro-m-xylene

R.T.: 4.688 min
Delta R.T.: -0.004 min
Response: 60431981
Conc: 24.11 ng/ml



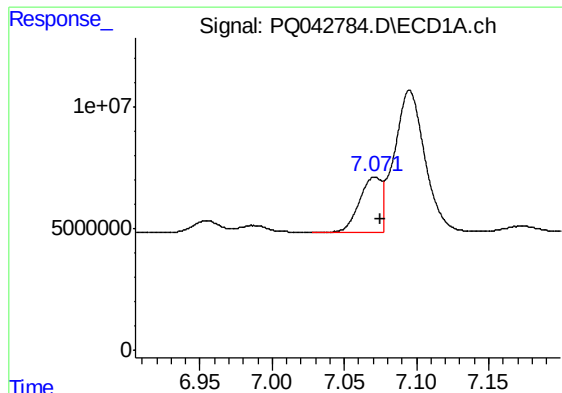
#2 Decachlorobiphenyl

R.T.: 11.976 min
Delta R.T.: -0.002 min
Response: 200432322
Conc: 26.55 ng/ml



#2 Decachlorobiphenyl

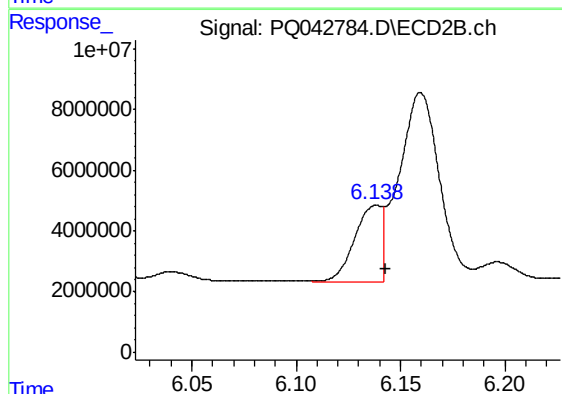
R.T.: 10.417 min
Delta R.T.: -0.005 min
Response: 173467358
Conc: 28.41 ng/ml



#3 AR-1016-1

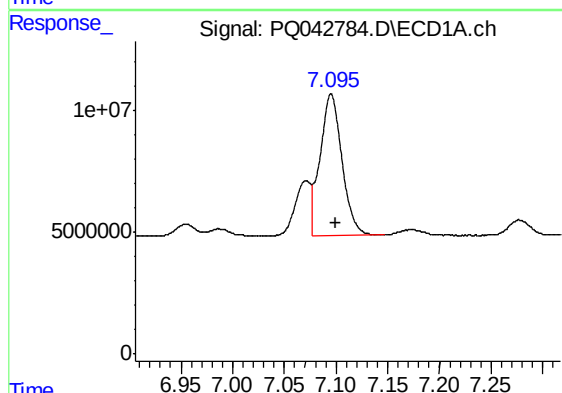
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 23956073
Conc: 196.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



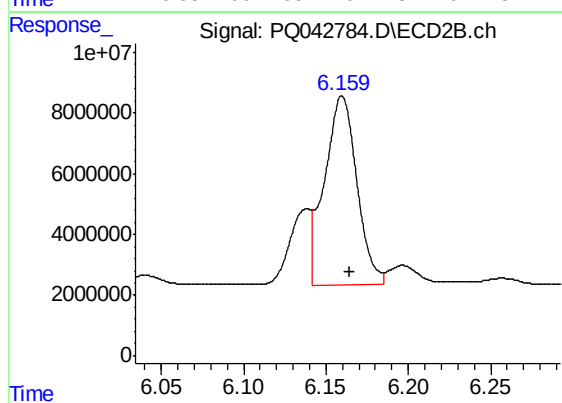
#3 AR-1016-1

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 22205512
Conc: 192.84 ng/ml



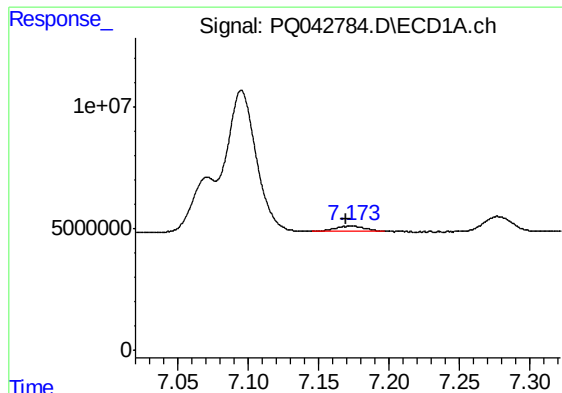
#4 AR-1016-2

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 85903244
Conc: 466.77 ng/ml



#4 AR-1016-2

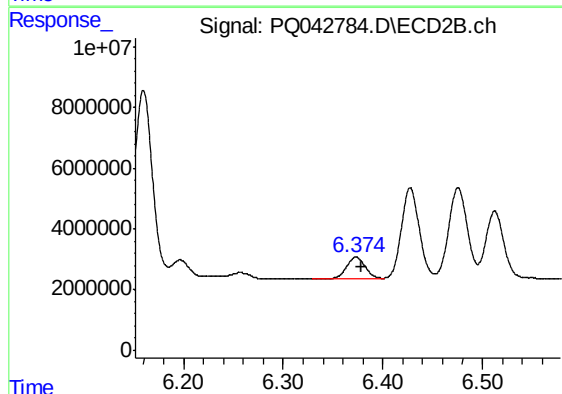
R.T.: 6.160 min
Delta R.T.: -0.005 min
Response: 85059542
Conc: 529.87 ng/ml



#5 AR-1016-3

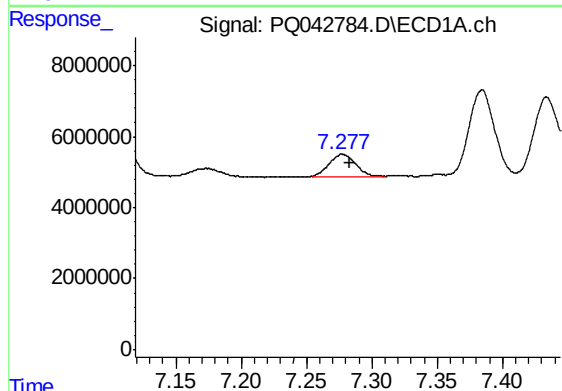
R.T.: 7.173 min
Delta R.T.: 0.004 min
Response: 3483364
Conc: 28.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



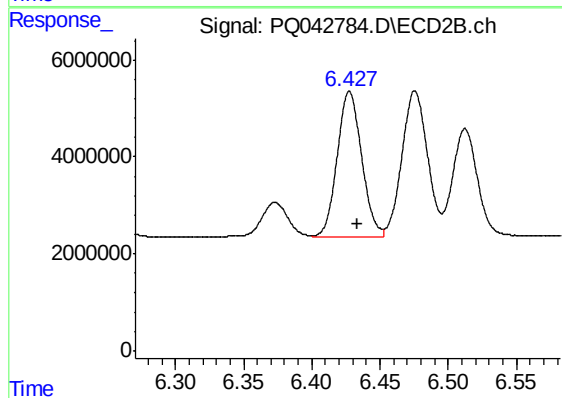
#5 AR-1016-3

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 9573021
Conc: 111.65 ng/ml



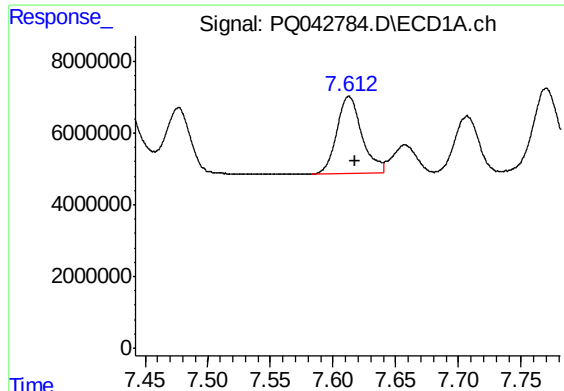
#6 AR-1016-4

R.T.: 7.277 min
Delta R.T.: -0.007 min
Response: 8802505
Conc: 99.62 ng/ml



#6 AR-1016-4

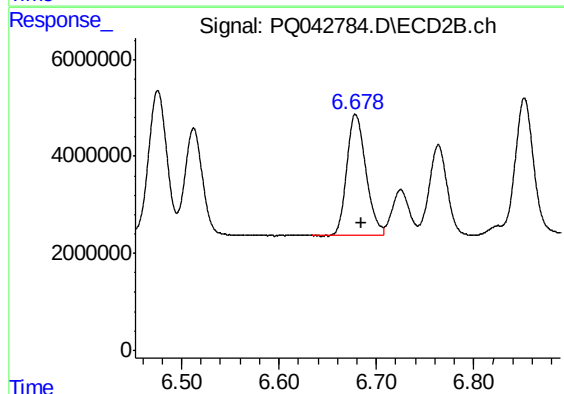
R.T.: 6.428 min
Delta R.T.: -0.006 min
Response: 37317991
Conc: 516.80 ng/ml



#7 AR-1016-5

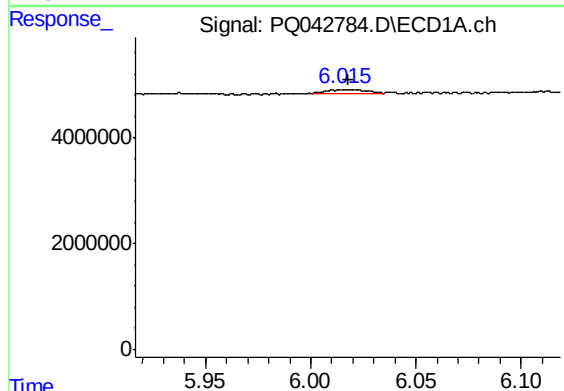
R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 30087626
Conc: 355.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



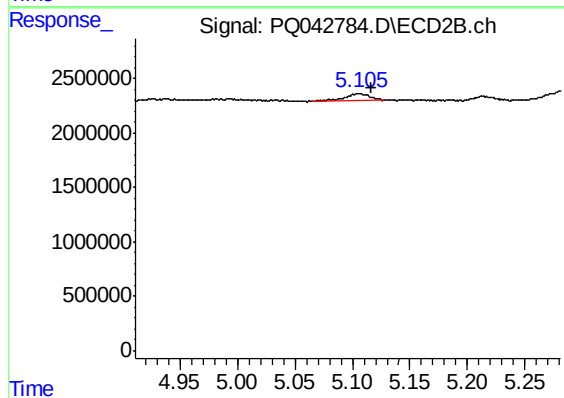
#7 AR-1016-5

R.T.: 6.679 min
Delta R.T.: -0.006 min
Response: 34182794
Conc: 381.65 ng/ml



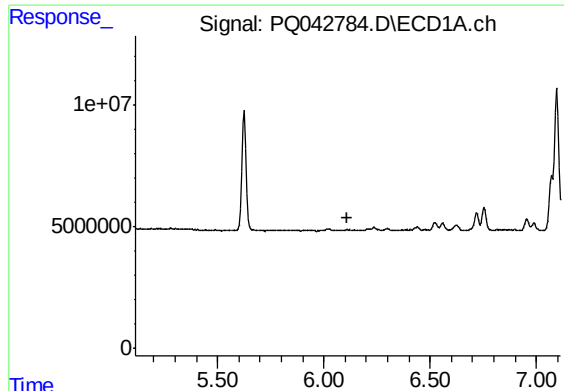
#9 AR-1221-2

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 962675
Conc: 39.51 ng/ml



#9 AR-1221-2

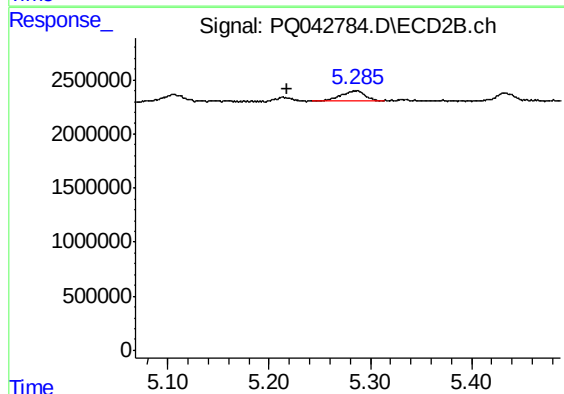
R.T.: 5.106 min
Delta R.T.: -0.011 min
Response: 1004099
Conc: 41.72 ng/ml



#10 AR-1221-3

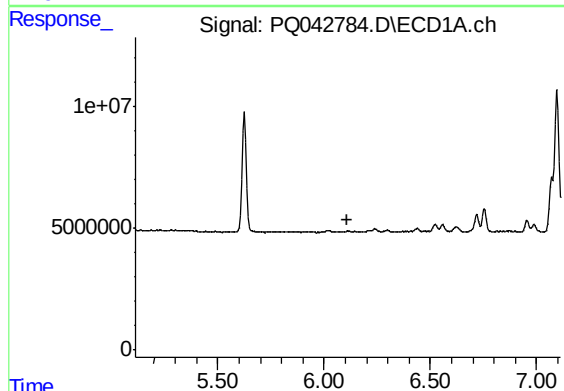
R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ73



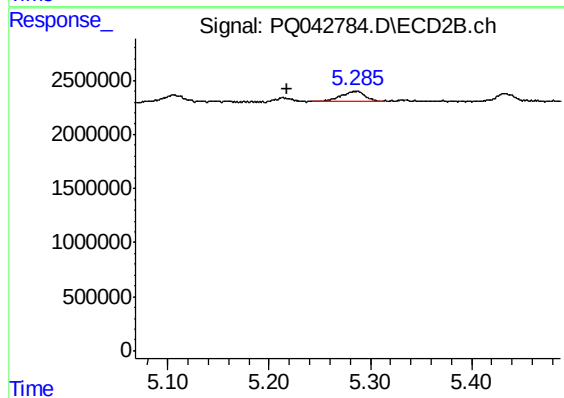
#10 AR-1221-3

R.T.: 5.285 min
Delta R.T.: 0.067 min
Response: 1538317
Conc: 18.63 ng/ml



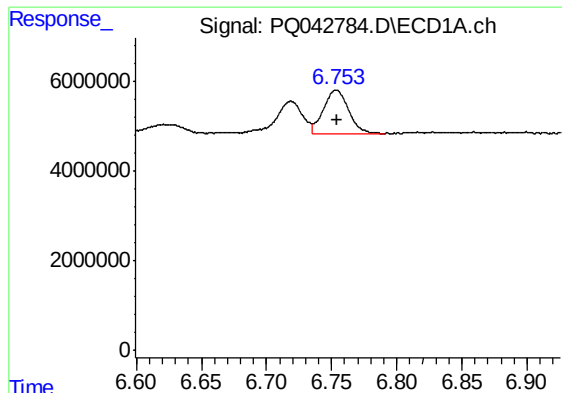
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.



#11 AR-1232-1

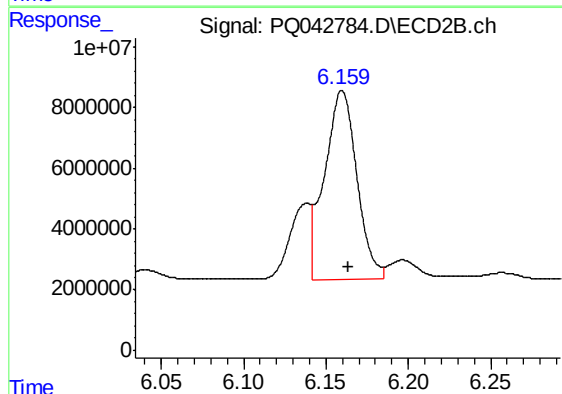
R.T.: 5.285 min
Delta R.T.: 0.067 min
Response: 1538317
Conc: 22.83 ng/ml



#12 AR-1232-2

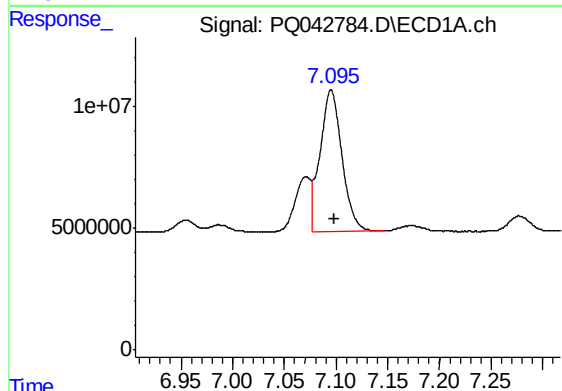
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 13059269
Conc: 354.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



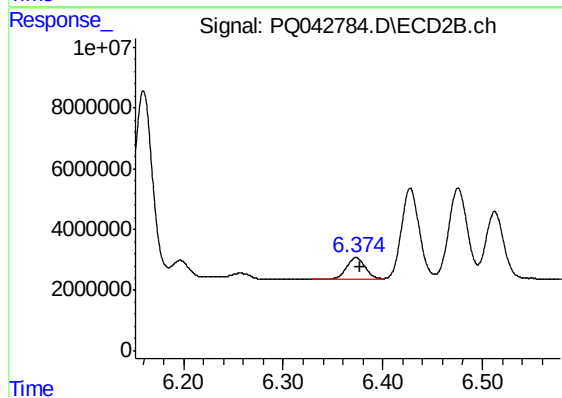
#12 AR-1232-2

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 85059542
Conc: 1113.49 ng/ml



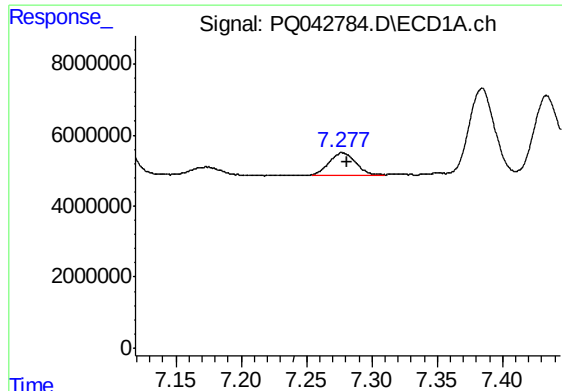
#13 AR-1232-3

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 85903244
Conc: 1027.60 ng/ml



#13 AR-1232-3

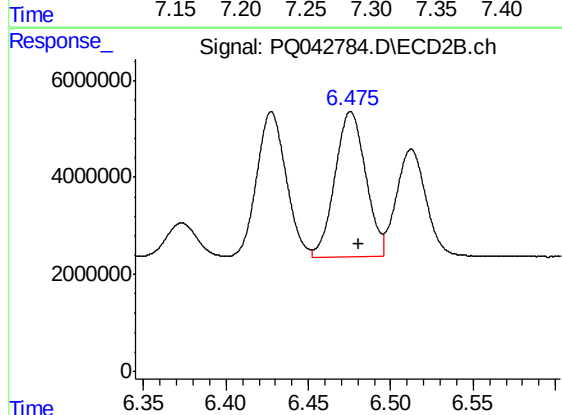
R.T.: 6.373 min
Delta R.T.: -0.003 min
Response: 9573021
Conc: 235.93 ng/ml



#14 AR-1232-4

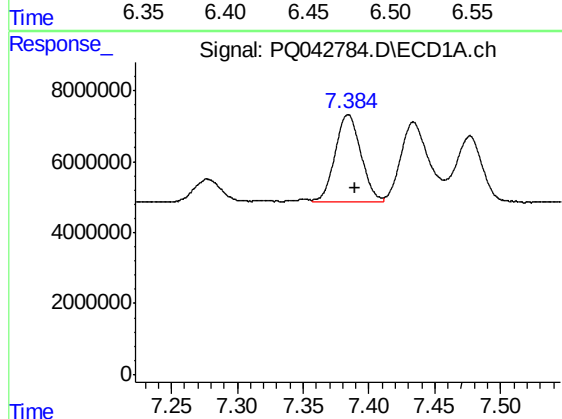
R.T.: 7.277 min
Delta R.T.: -0.004 min
Response: 8802505
Conc: 215.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



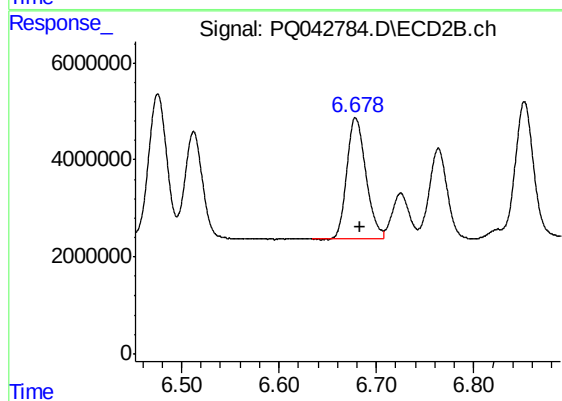
#14 AR-1232-4

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 38980999
Conc: 979.86 ng/ml



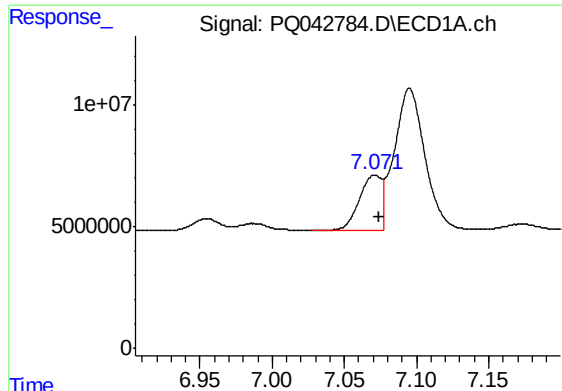
#15 AR-1232-5

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 33285653
Conc: 1360.87 ng/ml



#15 AR-1232-5

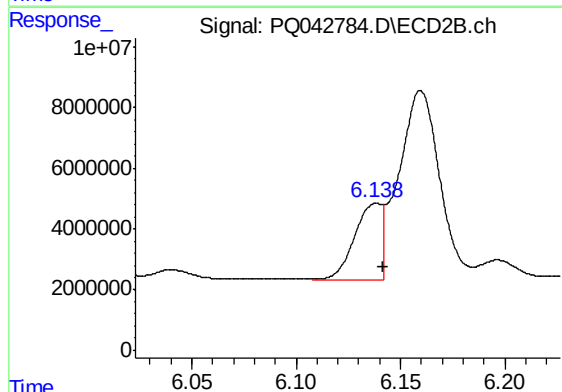
R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 34182794
Conc: 862.00 ng/ml



#16 AR-1242-1

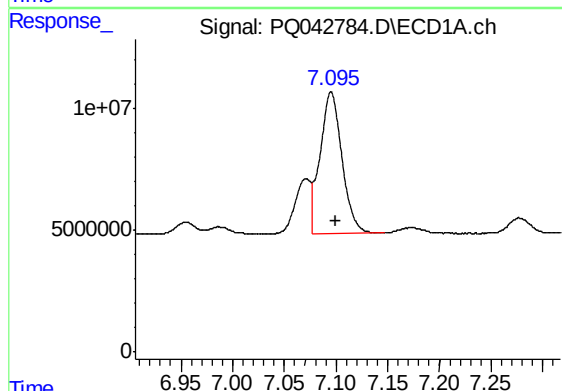
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 23956073
Conc: 229.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



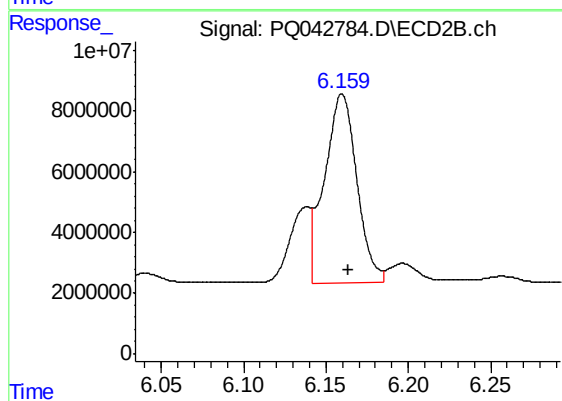
#16 AR-1242-1

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 22205512
Conc: 214.96 ng/ml



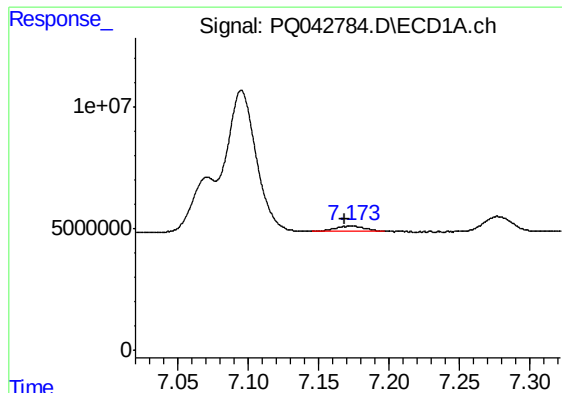
#17 AR-1242-2

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 85903244
Conc: 563.95 ng/ml



#17 AR-1242-2

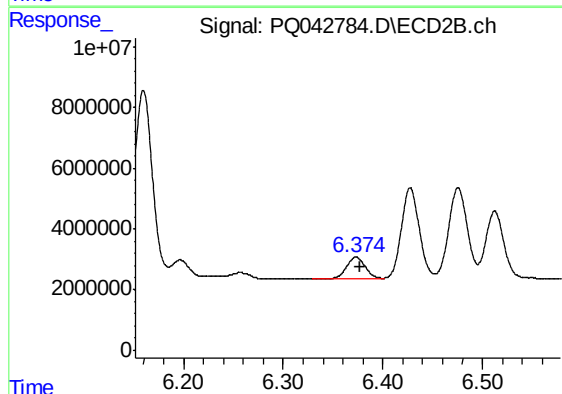
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 85059542
Conc: 600.24 ng/ml



#18 AR-1242-3

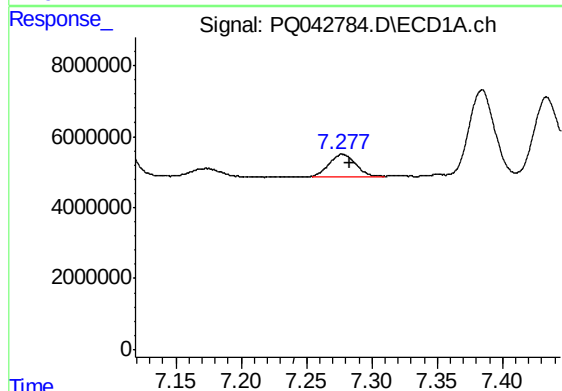
R.T.: 7.173 min
Delta R.T.: 0.004 min
Response: 3483364
Conc: 34.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



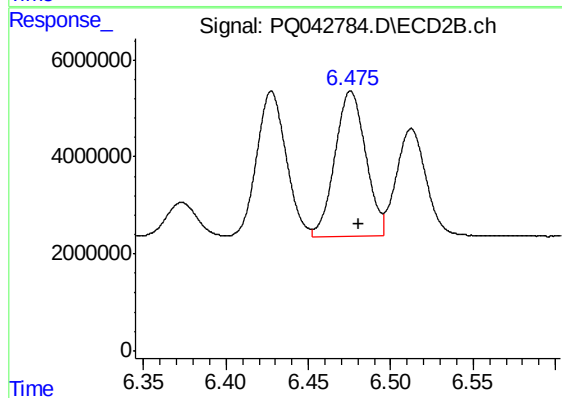
#18 AR-1242-3

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 9573021
Conc: 126.49 ng/ml



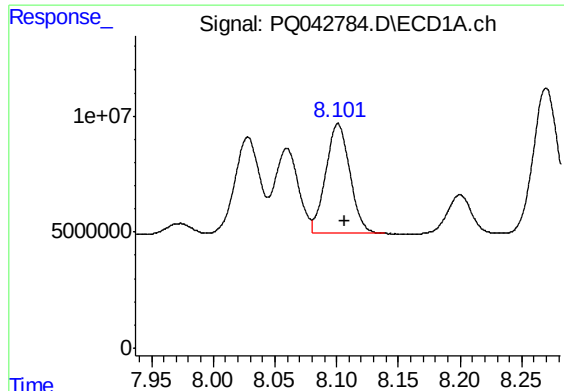
#19 AR-1242-4

R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 8802505
Conc: 114.45 ng/ml



#19 AR-1242-4

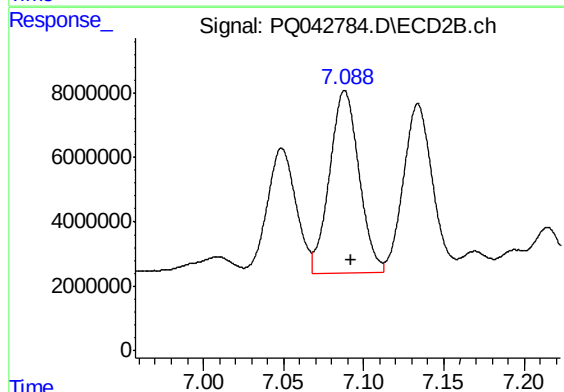
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 38980999
Conc: 509.06 ng/ml



#20 AR-1242-5

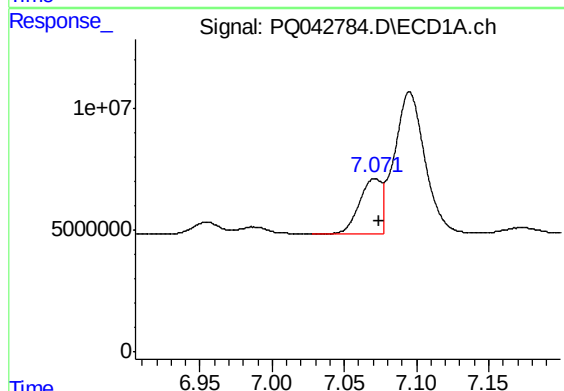
R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 64320096
Conc: 681.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



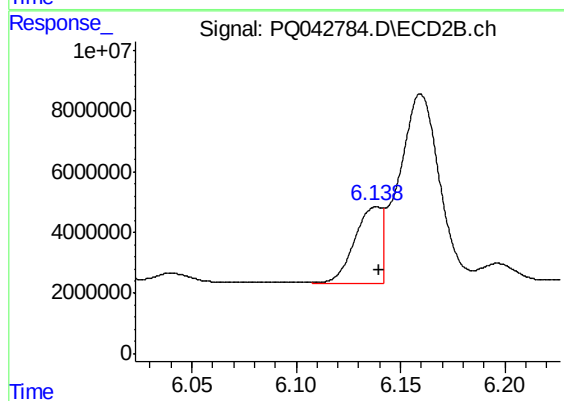
#20 AR-1242-5

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 72559920
Conc: 647.30 ng/ml



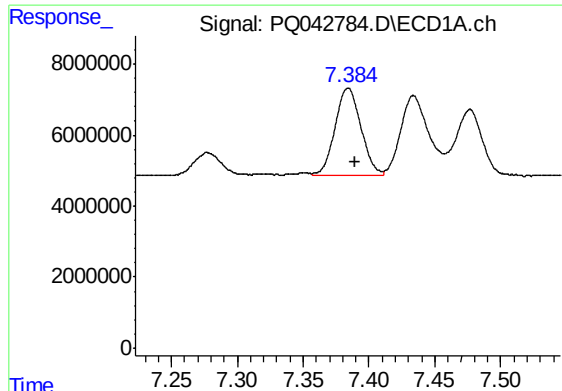
#21 AR-1248-1

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 23956073
Conc: 287.32 ng/ml



#21 AR-1248-1

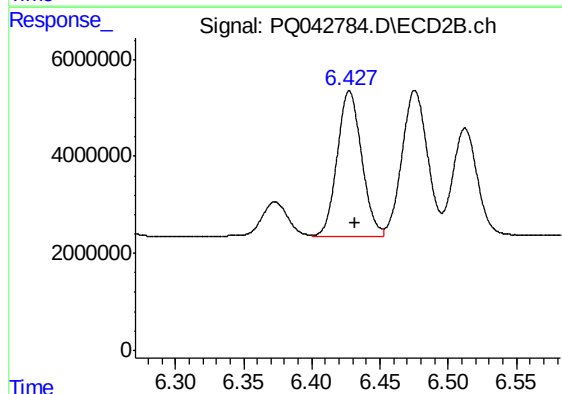
R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 22205512
Conc: 270.14 ng/ml



#22 AR-1248-2

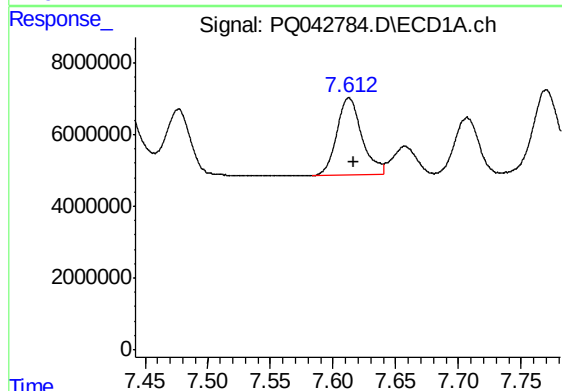
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 33285653
Conc: 325.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



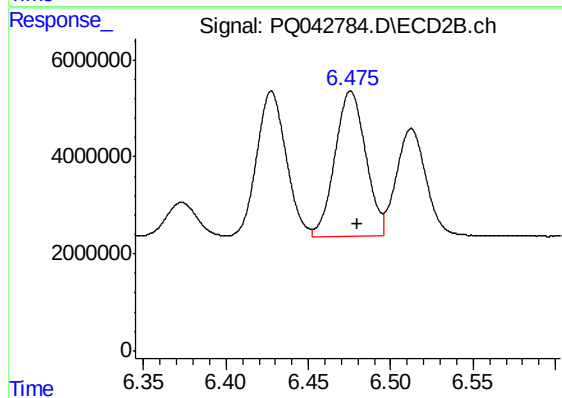
#22 AR-1248-2

R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 37317991
Conc: 338.75 ng/ml



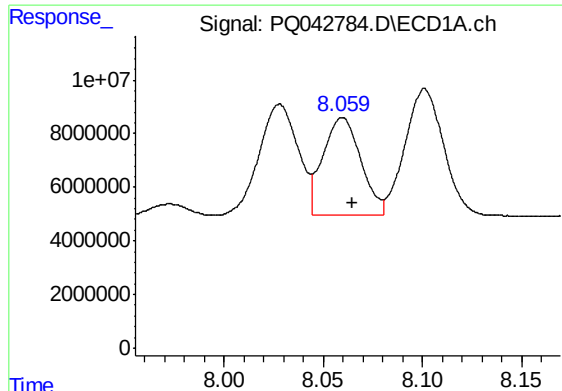
#23 AR-1248-3

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 30087626
Conc: 237.10 ng/ml



#23 AR-1248-3

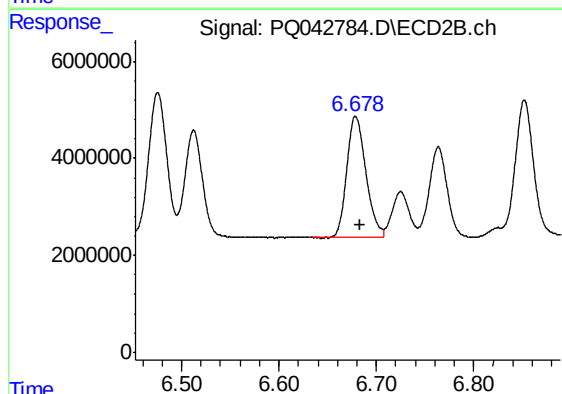
R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 38980999
Conc: 345.90 ng/ml



#24 AR-1248-4

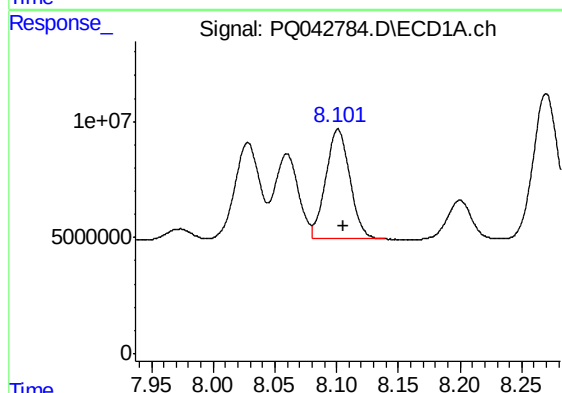
R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 48475214
Conc: 292.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



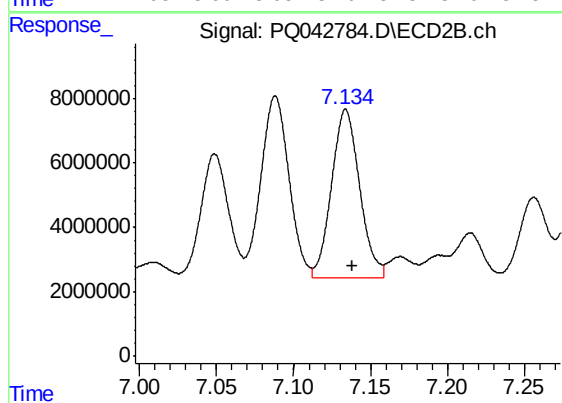
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 34182794
Conc: 250.21 ng/ml



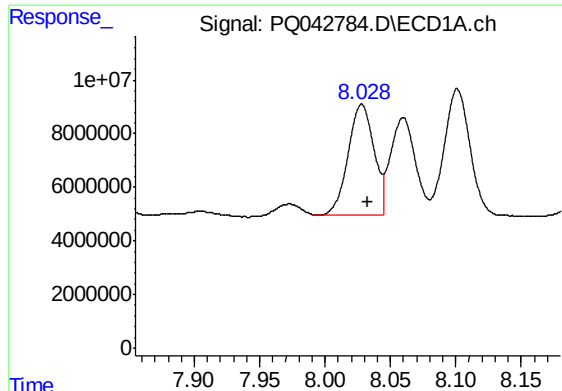
#25 AR-1248-5

R.T.: 8.101 min
Delta R.T.: -0.004 min
Response: 64320096
Conc: 404.00 ng/ml



#25 AR-1248-5

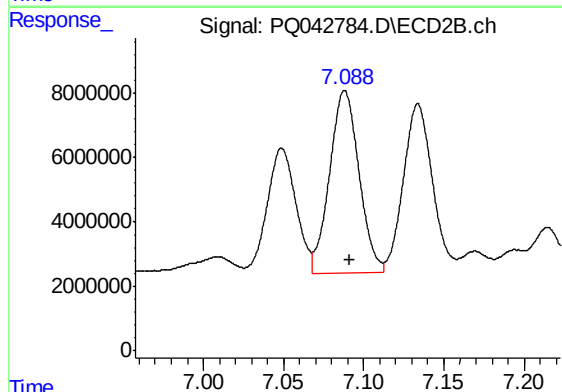
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 66655543
Conc: 423.41 ng/ml



#26 AR-1254-1

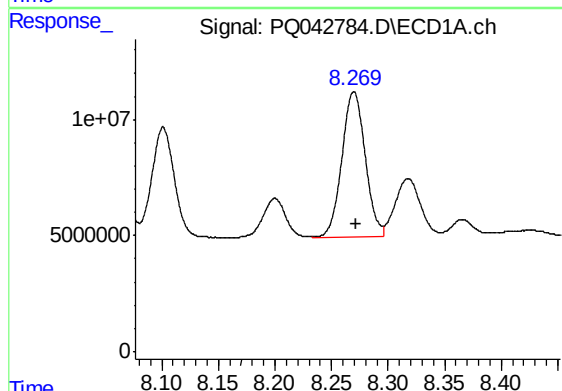
R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 56456262
Conc: 384.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



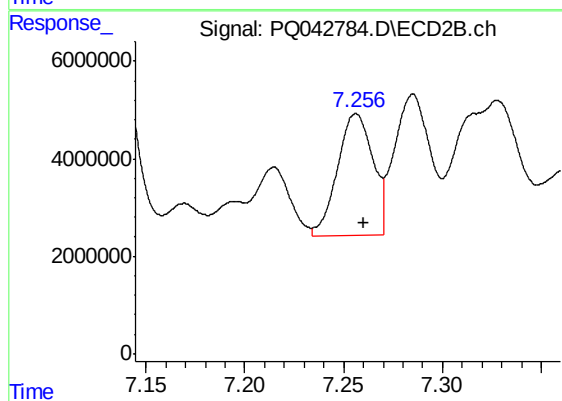
#26 AR-1254-1

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 72559920
Conc: 321.57 ng/ml



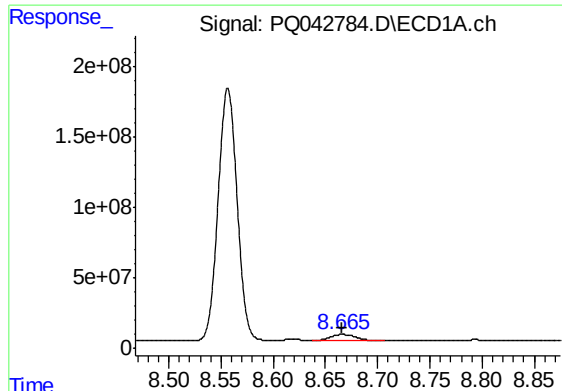
#27 AR-1254-2

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 90221077
Conc: 376.12 ng/ml



#27 AR-1254-2

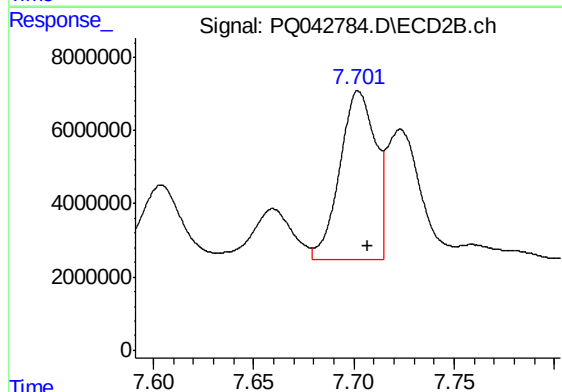
R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 30938075
Conc: 153.00 ng/ml



#28 AR-1254-3

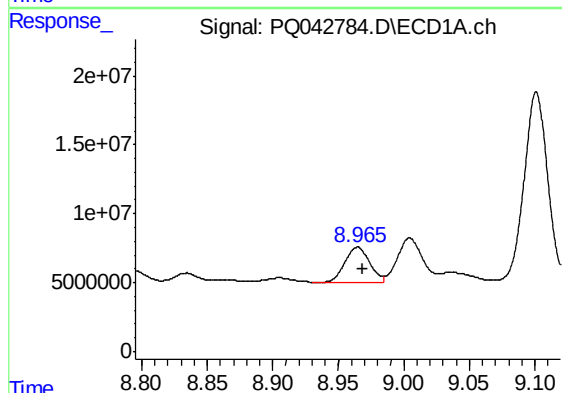
R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 83754510
Conc: 293.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



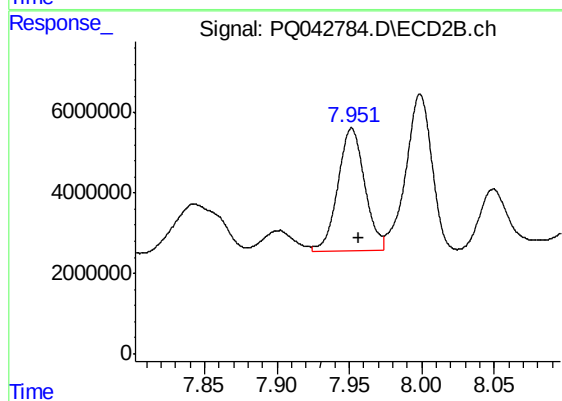
#28 AR-1254-3

R.T.: 7.702 min
Delta R.T.: -0.005 min
Response: 56741299
Conc: 161.13 ng/ml



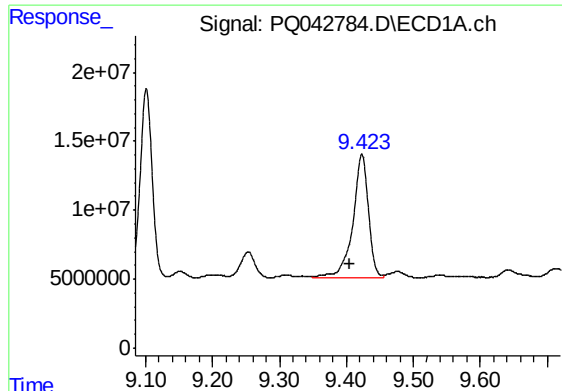
#29 AR-1254-4

R.T.: 8.965 min
Delta R.T.: -0.003 min
Response: 32566310
Conc: 136.58 ng/ml



#29 AR-1254-4

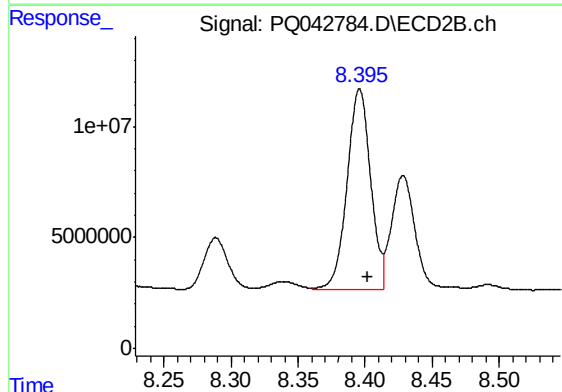
R.T.: 7.952 min
Delta R.T.: -0.005 min
Response: 39428308
Conc: 153.65 ng/ml



#30 AR-1254-5

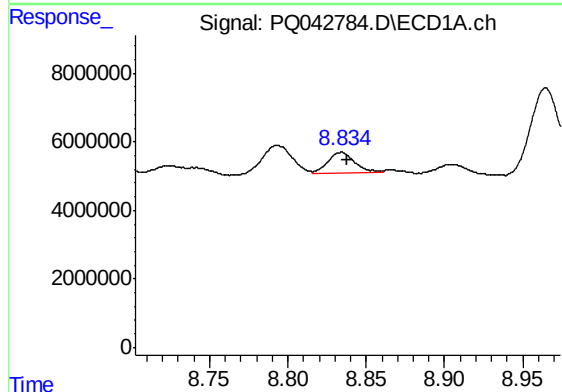
R.T.: 9.423 min
Delta R.T.: 0.017 min
Response: 145412749
Conc: 563.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



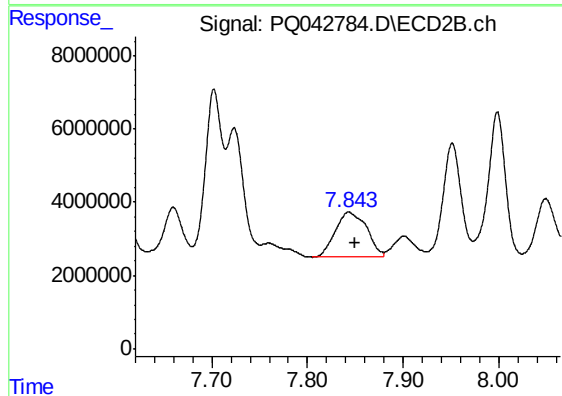
#30 AR-1254-5

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 110971016
Conc: 305.39 ng/ml



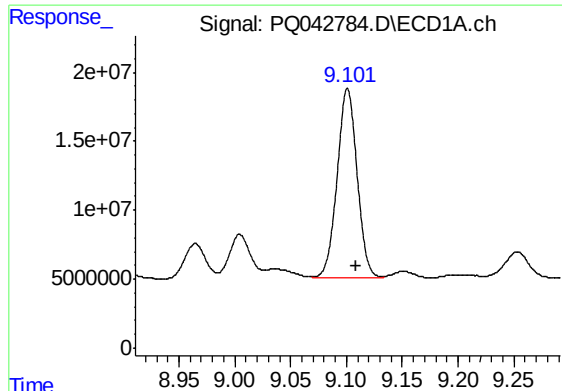
#31 AR-1260-1

R.T.: 8.834 min
Delta R.T.: -0.004 min
Response: 7261173
Conc: 41.19 ng/ml



#31 AR-1260-1

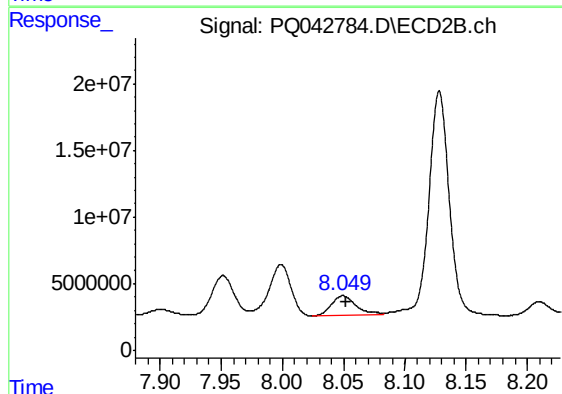
R.T.: 7.843 min
Delta R.T.: -0.007 min
Response: 27681831
Conc: 135.68 ng/ml



#32 AR-1260-2

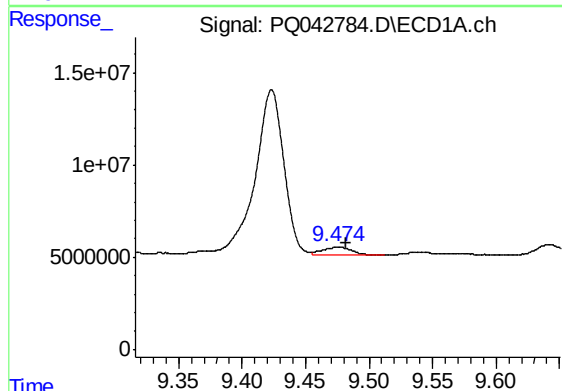
R.T.: 9.101 min
Delta R.T.: -0.008 min
Response: 172287830
Conc: 716.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



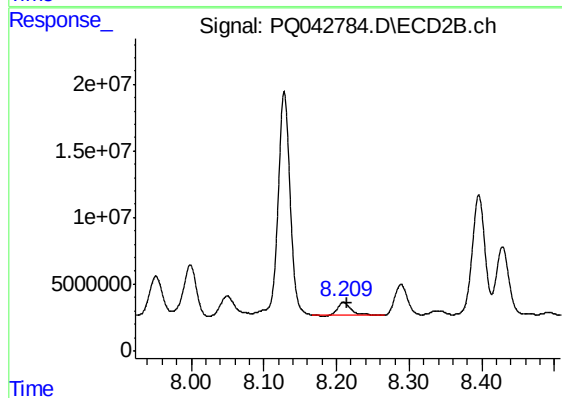
#32 AR-1260-2

R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 20779351
Conc: 77.57 ng/ml



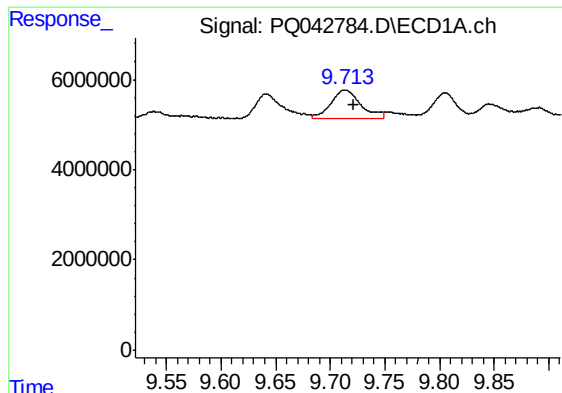
#33 AR-1260-3

R.T.: 9.476 min
Delta R.T.: -0.006 min
Response: 7060527
Conc: 32.66 ng/ml



#33 AR-1260-3

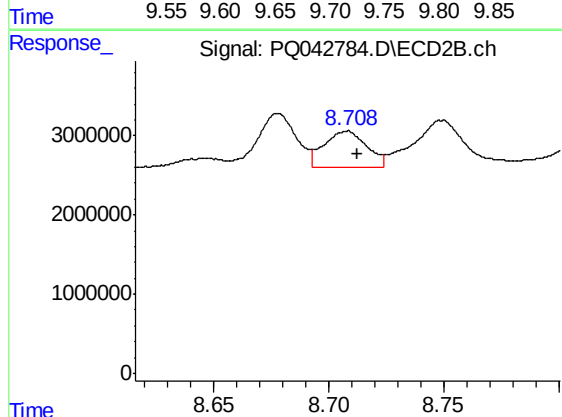
R.T.: 8.210 min
Delta R.T.: -0.006 min
Response: 12083183
Conc: 50.69 ng/ml



#34 AR-1260-4

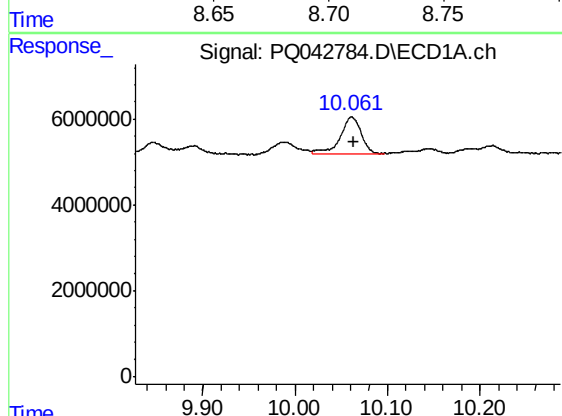
R.T.: 9.714 min
Delta R.T.: -0.008 min
Response: 11651578
Conc: 47.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



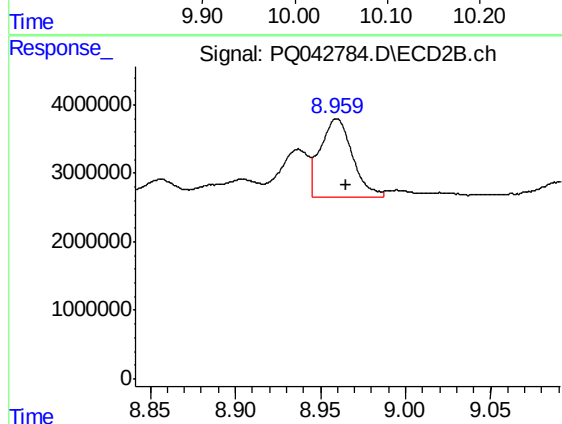
#34 AR-1260-4

R.T.: 8.708 min
Delta R.T.: -0.005 min
Response: 5843948
Conc: 25.78 ng/ml



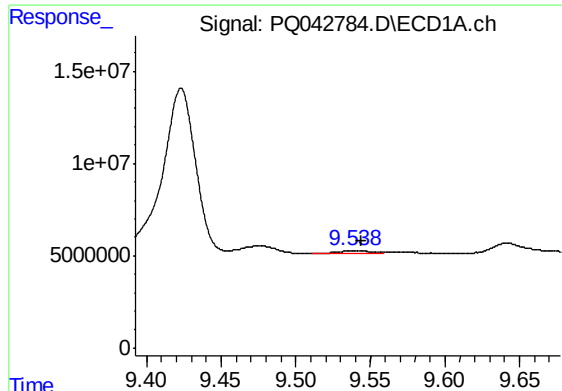
#35 AR-1260-5

R.T.: 10.061 min
Delta R.T.: -0.002 min
Response: 14045515
Conc: 23.66 ng/ml



#35 AR-1260-5

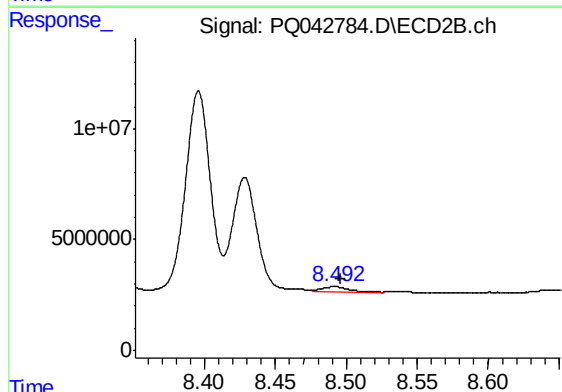
R.T.: 8.960 min
Delta R.T.: -0.005 min
Response: 15150388
Conc: 24.33 ng/ml



#36 AR-1262-1

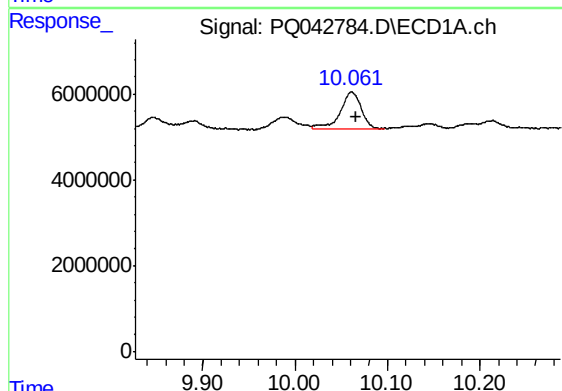
R.T.: 9.539 min
Delta R.T.: -0.005 min
Response: 2450678
Conc: 17.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



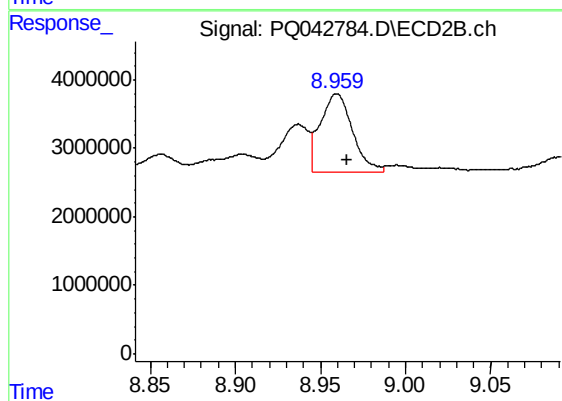
#36 AR-1262-1

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 3387352
Conc: 19.79 ng/ml



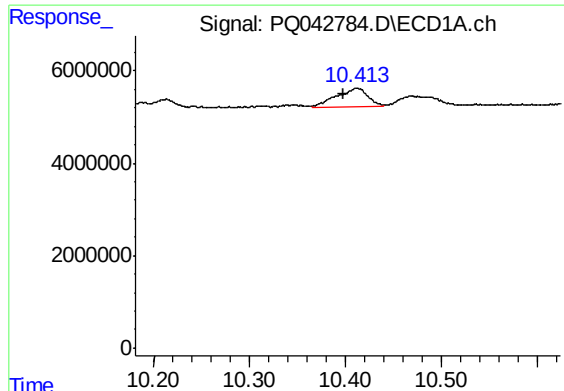
#37 AR-1262-2

R.T.: 10.061 min
Delta R.T.: -0.005 min
Response: 14045515
Conc: 18.67 ng/ml



#37 AR-1262-2

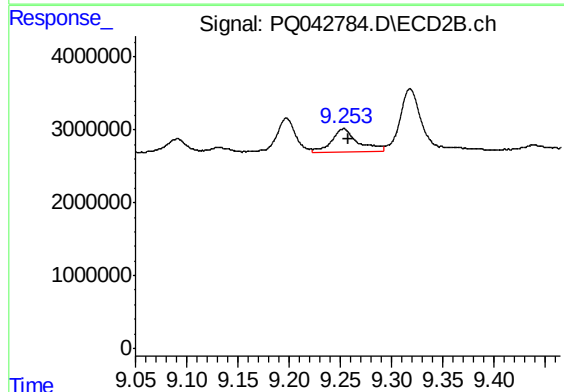
R.T.: 8.960 min
Delta R.T.: -0.006 min
Response: 15150388
Conc: 18.14 ng/ml



#38 AR-1262-3

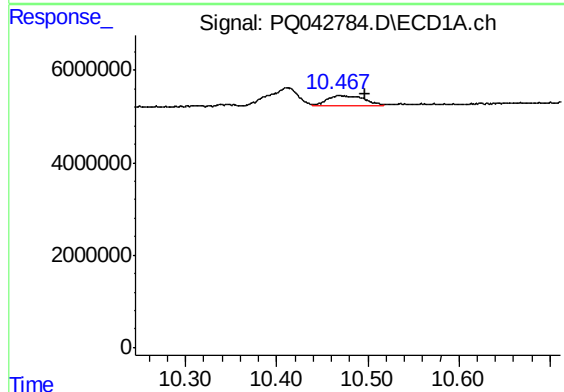
R.T.: 10.412 min
Delta R.T.: 0.015 min
Response: 9263336
Conc: 17.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



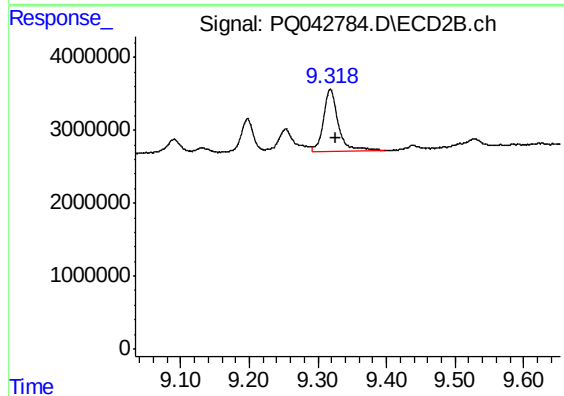
#38 AR-1262-3

R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 5827816
Conc: 16.40 ng/ml



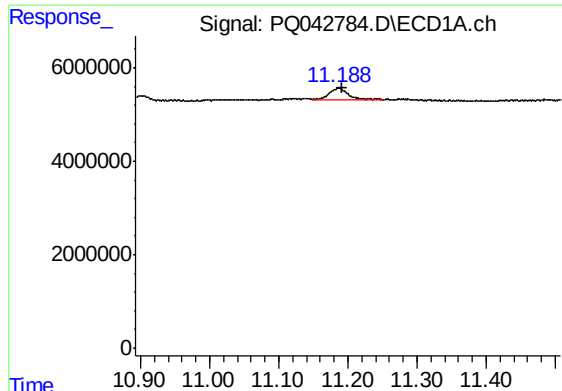
#39 AR-1262-4

R.T.: 10.468 min
Delta R.T.: -0.029 min
Response: 6494658
Conc: 14.94 ng/ml



#39 AR-1262-4

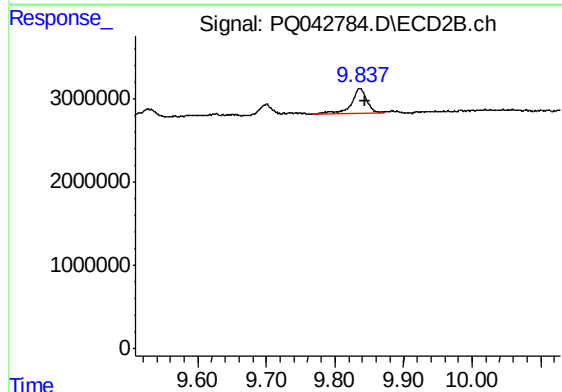
R.T.: 9.318 min
Delta R.T.: -0.007 min
Response: 13214969
Conc: 20.49 ng/ml



#40 AR-1262-5

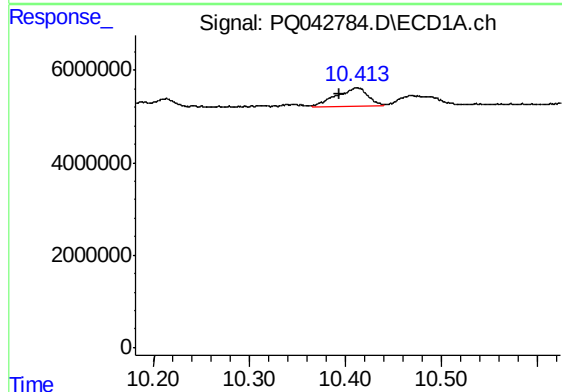
R.T.: 11.187 min
Delta R.T.: -0.006 min
Response: 5296628
Conc: 15.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



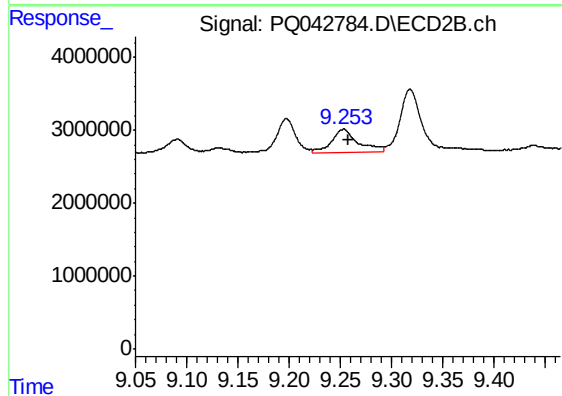
#40 AR-1262-5

R.T.: 9.837 min
Delta R.T.: -0.007 min
Response: 4710361
Conc: 14.89 ng/ml



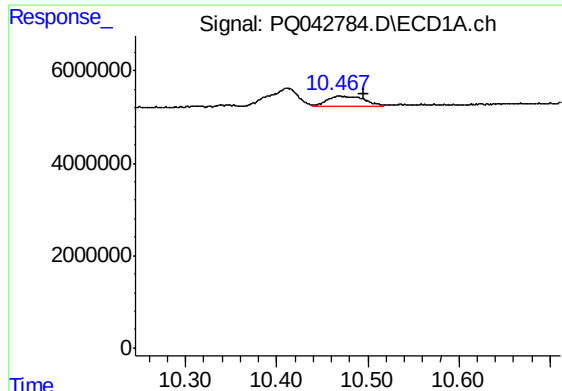
#41 AR-1268-1

R.T.: 10.412 min
Delta R.T.: 0.018 min
Response: 9263336
Conc: 9.69 ng/ml



#41 AR-1268-1

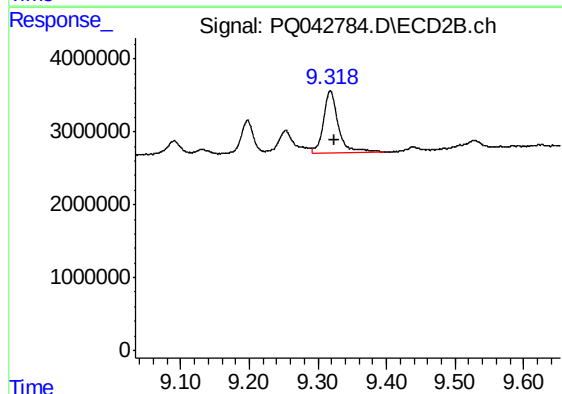
R.T.: 9.253 min
Delta R.T.: -0.004 min
Response: 5827816
Conc: 5.81 ng/ml



#42 AR-1268-2

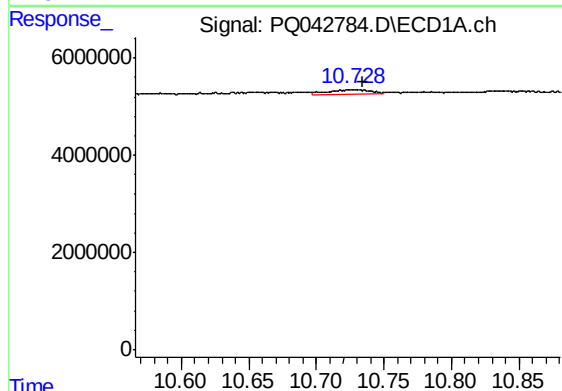
R.T.: 10.468 min
Delta R.T.: -0.027 min
Response: 6494658
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



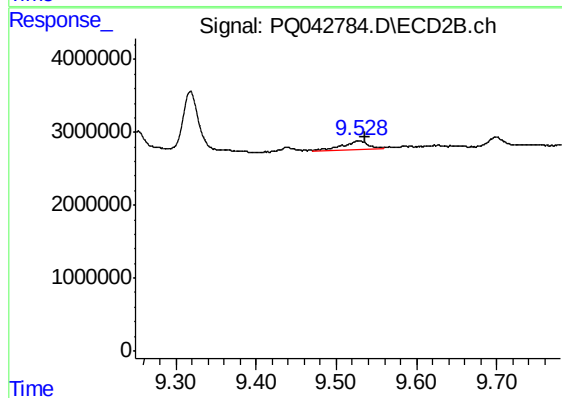
#42 AR-1268-2

R.T.: 9.318 min
Delta R.T.: -0.007 min
Response: 13214969
Conc: 14.07 ng/ml



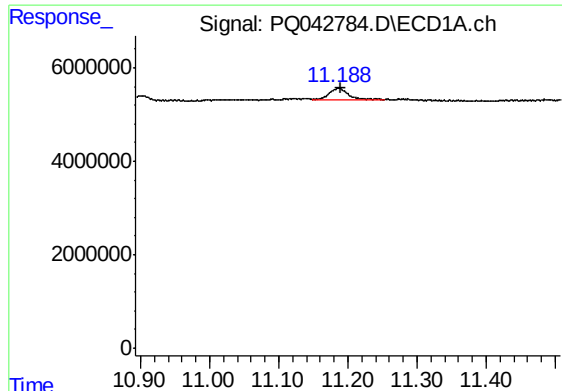
#43 AR-1268-3

R.T.: 10.728 min
Delta R.T.: -0.006 min
Response: 2009090
Conc: 2.48 ng/ml



#43 AR-1268-3

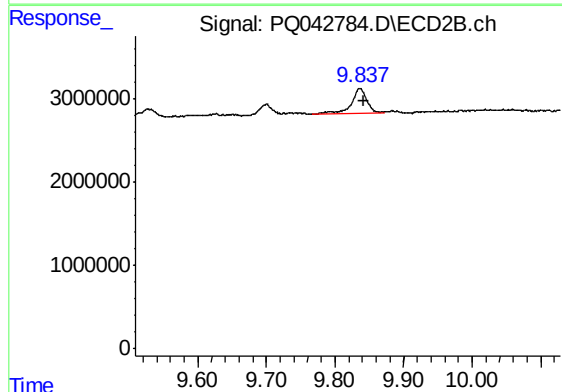
R.T.: 9.529 min
Delta R.T.: -0.007 min
Response: 2754294
Conc: 3.46 ng/ml



#44 AR-1268-4

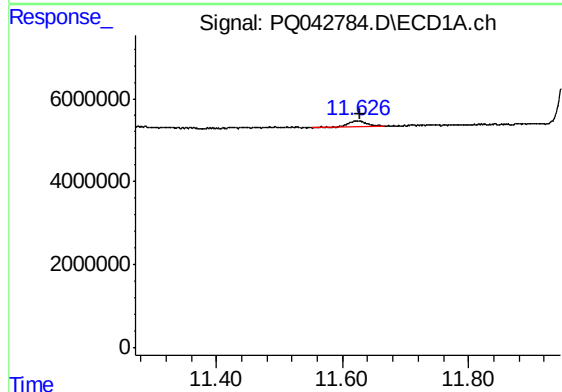
R.T.: 11.187 min
Delta R.T.: -0.004 min
Response: 5296628
Conc: 14.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ73



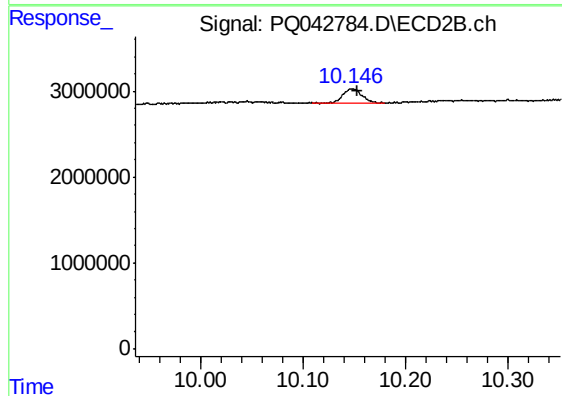
#44 AR-1268-4

R.T.: 9.837 min
Delta R.T.: -0.006 min
Response: 4710361
Conc: 13.76 ng/ml



#45 AR-1268-5

R.T.: 11.625 min
Delta R.T.: -0.003 min
Response: 3528141
Conc: 1.25 ng/ml



#45 AR-1268-5

R.T.: 10.147 min
Delta R.T.: -0.006 min
Response: 2169556
Conc: 0.85 ng/ml