

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
 Data File : PQ041986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2019 15:34
 Operator : SM\AJ
 Sample : K4028-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:15:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.701	4.752	32140383	27298270	14.014	14.164
2)	SA Decachlor...	12.103	10.513	143.9E6	129.0E6	17.072	26.674 #
Target Compounds							
3)	L1 AR-1016-1	7.146	6.204	26691424	15833158	246.951	152.580 #
4)	L1 AR-1016-2	7.173	6.227	28482175	14088855	181.963	98.338 #
5)	L1 AR-1016-3	7.247	6.441	10960045	7922956	113.308	106.246
6)	L1 AR-1016-4	7.354	6.496	6232130	39808236	79.885	641.962 #
7)	L1 AR-1016-5	7.688	6.748	25547461	24059985	324.989	295.565
8)	L2 AR-1221-1	6.004	5.136	3980479	2976081	169.727	144.531
9)	L2 AR-1221-2	6.087	5.175	8417860	2057894	487.166	128.862 #
10)	L2 AR-1221-3	6.184	5.281	4280950	2145285	69.558	39.340 #
11)	L3 AR-1232-1	6.184	5.281	4280950	2145285	79.107	44.427 #
12)	L3 AR-1232-2	6.830	6.227	18020853	14088855	548.468	247.052 #
13)	L3 AR-1232-3	7.173	6.441	28482175	7922956	426.613	265.697 #
14)	L3 AR-1232-4	7.354	6.544	6232130	24239669	194.289	907.965 #
15)	L3 AR-1232-5	7.461	6.748	47059645	24059985	2189.812	820.428 #
16)	L4 AR-1242-1	7.146	6.204	26691424	15833158	298.398	193.465 #
17)	L4 AR-1242-2	7.173	6.227	28482175	14088855	221.494	124.749 #
18)	L4 AR-1242-3	7.247	6.441	10960045	7922956	135.165	134.122
19)	L4 AR-1242-4	7.354	6.544	6232130	24239669	96.941	408.782 #
20)	L4 AR-1242-5	8.179	7.158	39774980	66750903	448.291	751.748 #
21)	L5 AR-1248-1	7.146	6.204	26691424	15833158	360.033	238.797 #
22)	L5 AR-1248-2	7.461	6.496	47059645	39808236	510.059	456.581
23)	L5 AR-1248-3	7.688	6.544	25547461	24239669	228.018	271.576
24)	L5 AR-1248-4	8.138	6.748	19611927	24059985	125.429	218.446 #
25)	L5 AR-1248-5	8.179	7.204	39774980	27641937	262.848	215.658
26)	L6 AR-1254-1	8.106	7.158	46798431	66750903	336.402	364.989
27)	L6 AR-1254-2	8.344	7.326	117.7E6	50824895	514.236	313.983 #
28)	L6 AR-1254-3	8.739	7.773	113.8E6	123.9E6	416.137	429.430
29)	L6 AR-1254-4	9.041	8.022	61507411	44738356	249.853	206.099
30)	L6 AR-1254-5	9.479	8.469	104.6E6	73060259	386.159	242.912 #
31)	L7 AR-1260-1	8.911	7.915	41885355	60344666	235.463	332.606 #
32)	L7 AR-1260-2	9.181	8.118	113.9E6	51497455	451.612	209.906 #
33)	L7 AR-1260-3	9.557	8.283	62697904	48150079	273.630	226.293
34)	L7 AR-1260-4	9.797	8.781	130.4E6	36623997	510.820	181.048 #
35)	L7 AR-1260-5	10.148	9.033	136.9E6	115.9E6	203.258	196.411
36)	L8 AR-1262-1	9.620	8.564	48008400	20658246	312.362	143.995 #
37)	L8 AR-1262-2	10.148	9.033	136.9E6	115.9E6	156.397	156.428
38)	L8 AR-1262-3	10.483	9.328	172.6E6	76744573	271.742	242.578
39)	L8 AR-1262-4	10.584	9.394	190.3E6	109.0E6	380.161	193.749 #
40)	L8 AR-1262-5	11.294	9.918	102.6E6	54720489	251.962	191.595
41)	L9 AR-1268-1	10.483	9.328	172.6E6	76744573	121.132	67.132 #

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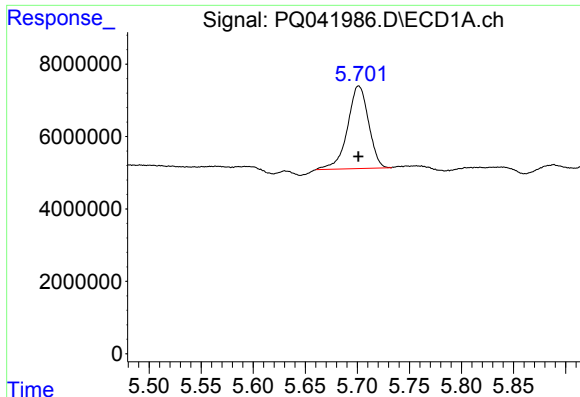
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:15:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.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	10.584	9.394	190.3E6	109.0E6	144.321	106.139 #
43) L9	AR-1268-3	10.830	9.606	24647182	21394711	21.064	24.621
44) L9	AR-1268-4	11.294	9.918	102.6E6	54720489	188.414	142.253
45) L9	AR-1268-5	11.740	10.234	125.2E6	85187383	30.898	32.797

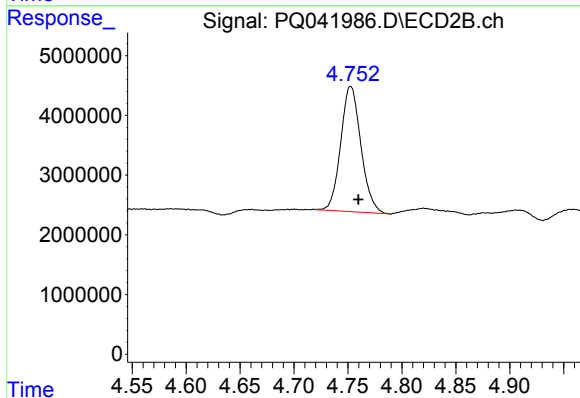
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

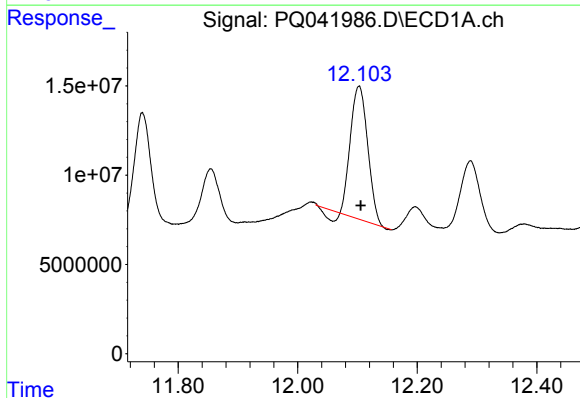
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 32140383
Conc: 14.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



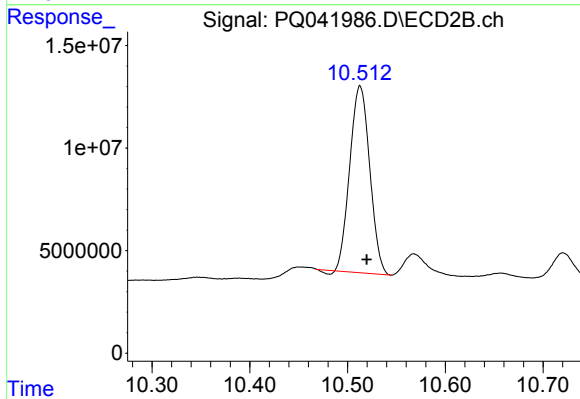
#1 Tetrachloro-m-xylene

R.T.: 4.752 min
Delta R.T.: -0.007 min
Response: 27298270
Conc: 14.16 ng/ml



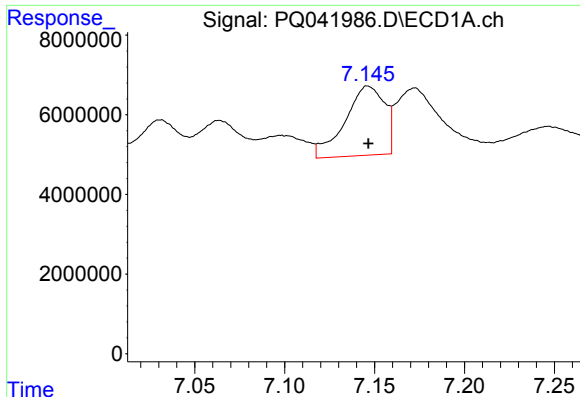
#2 Decachlorobiphenyl

R.T.: 12.103 min
Delta R.T.: -0.003 min
Response: 143942762
Conc: 17.07 ng/ml



#2 Decachlorobiphenyl

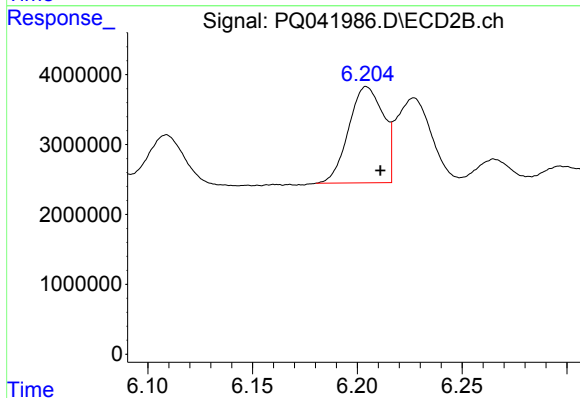
R.T.: 10.513 min
Delta R.T.: -0.007 min
Response: 129033118
Conc: 26.67 ng/ml



#3 AR-1016-1

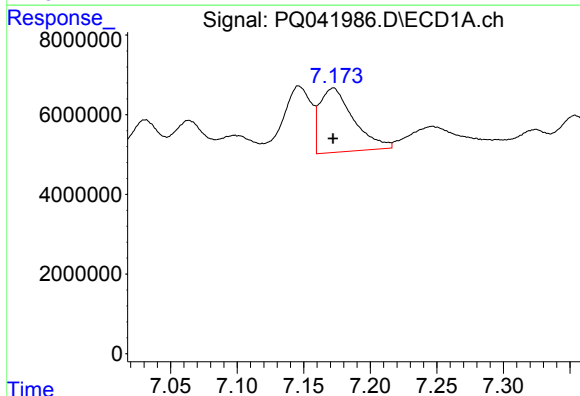
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 26691424
Conc: 246.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



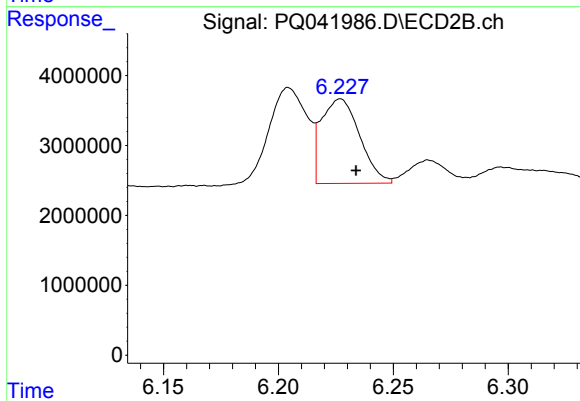
#3 AR-1016-1

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 15833158
Conc: 152.58 ng/ml



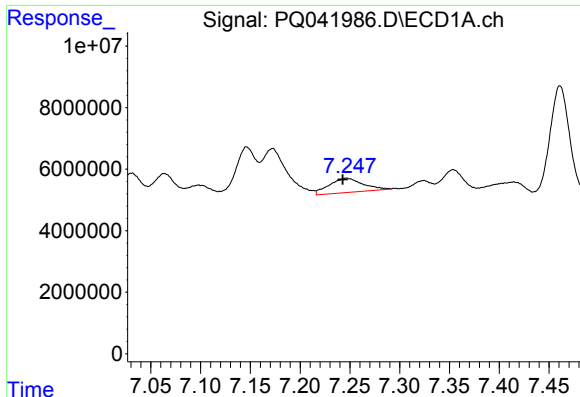
#4 AR-1016-2

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 28482175
Conc: 181.96 ng/ml



#4 AR-1016-2

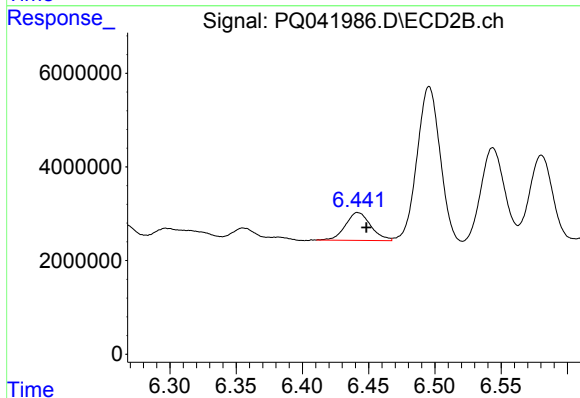
R.T.: 6.227 min
Delta R.T.: -0.007 min
Response: 14088855
Conc: 98.34 ng/ml



#5 AR-1016-3

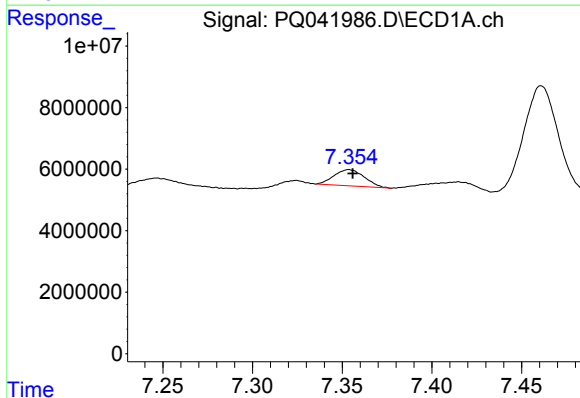
R.T.: 7.247 min
Delta R.T.: 0.004 min
Response: 10960045
Conc: 113.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



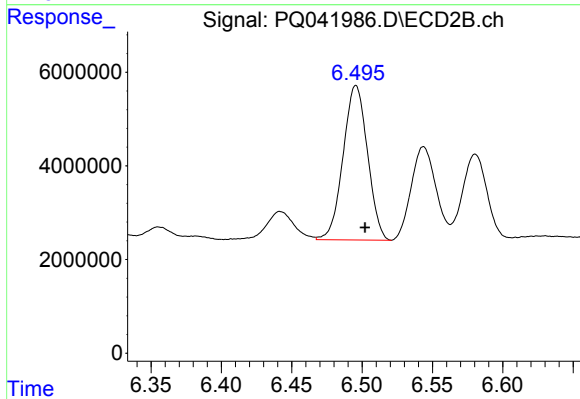
#5 AR-1016-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 7922956
Conc: 106.25 ng/ml



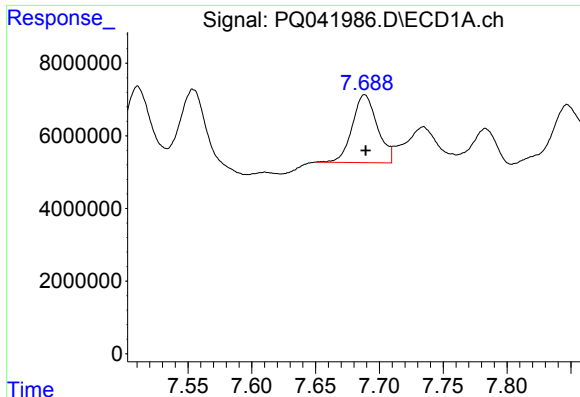
#6 AR-1016-4

R.T.: 7.354 min
Delta R.T.: -0.002 min
Response: 6232130
Conc: 79.88 ng/ml



#6 AR-1016-4

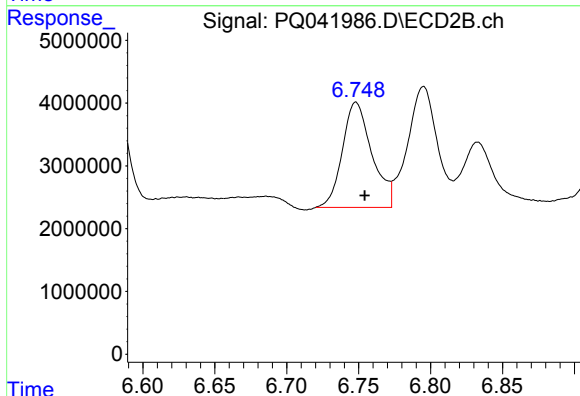
R.T.: 6.496 min
Delta R.T.: -0.006 min
Response: 39808236
Conc: 641.96 ng/ml



#7 AR-1016-5

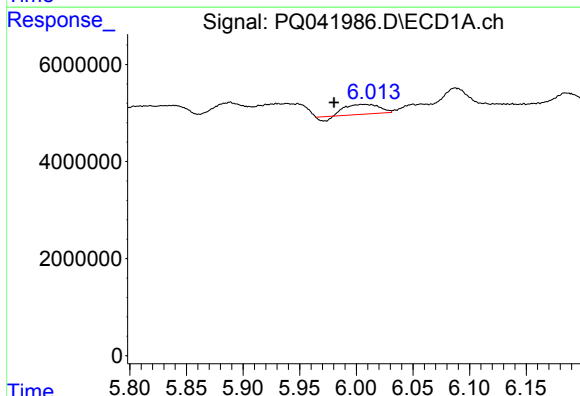
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 25547461
Conc: 324.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



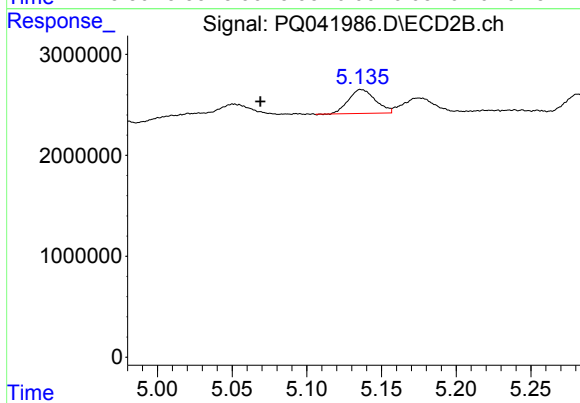
#7 AR-1016-5

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 24059985
Conc: 295.56 ng/ml



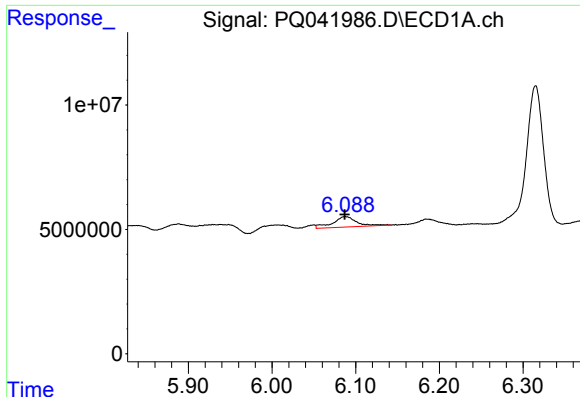
#8 AR-1221-1

R.T.: 6.004 min
Delta R.T.: 0.024 min
Response: 3980479
Conc: 169.73 ng/ml



#8 AR-1221-1

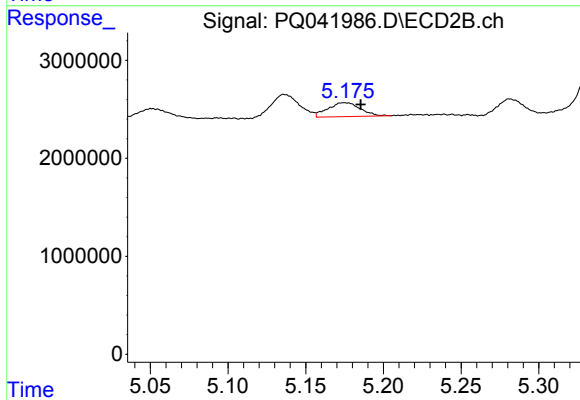
R.T.: 5.136 min
Delta R.T.: 0.067 min
Response: 2976081
Conc: 144.53 ng/ml



#9 AR-1221-2

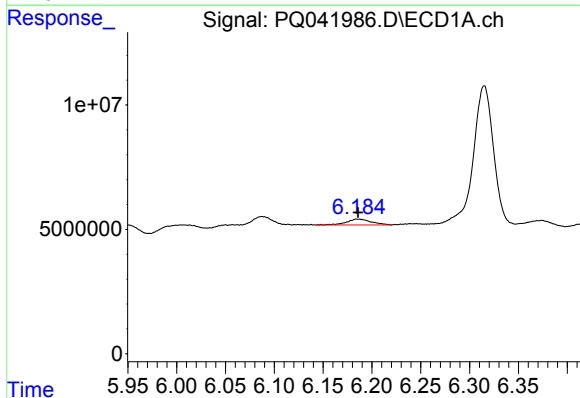
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 8417860
Conc: 487.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



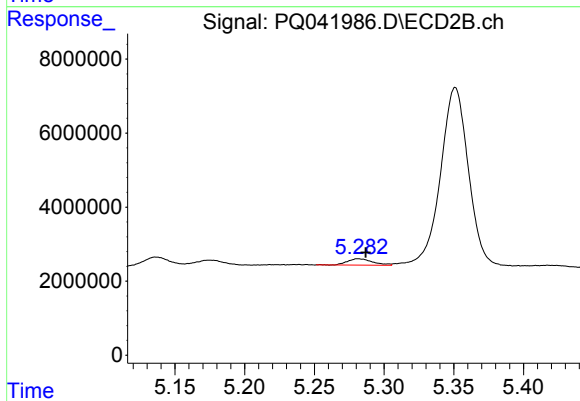
#9 AR-1221-2

R.T.: 5.175 min
Delta R.T.: -0.010 min
Response: 2057894
Conc: 128.86 ng/ml



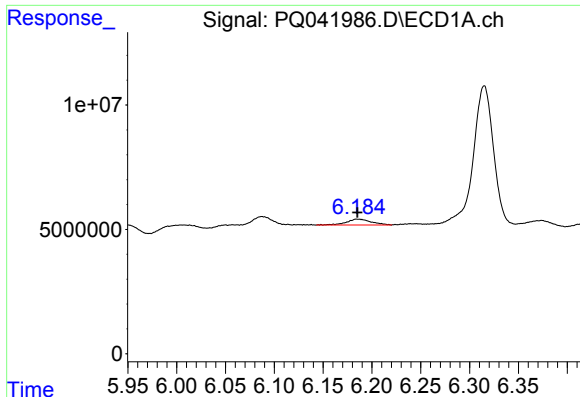
#10 AR-1221-3

R.T.: 6.184 min
Delta R.T.: -0.002 min
Response: 4280950
Conc: 69.56 ng/ml



#10 AR-1221-3

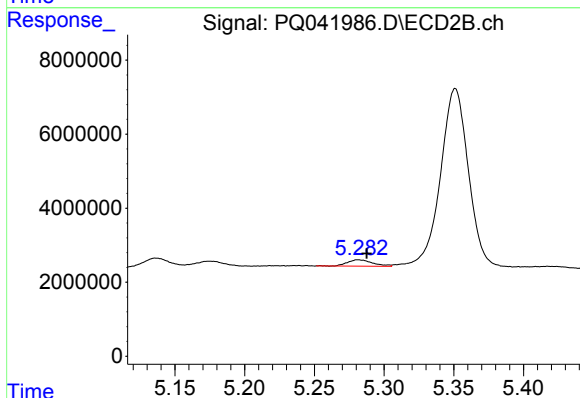
R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: 2145285
Conc: 39.34 ng/ml



#11 AR-1232-1

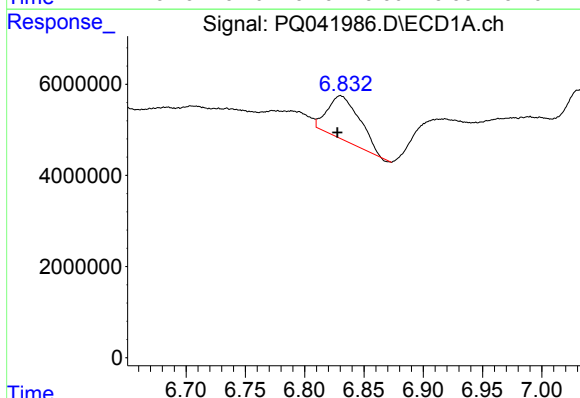
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 4280950
Conc: 79.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



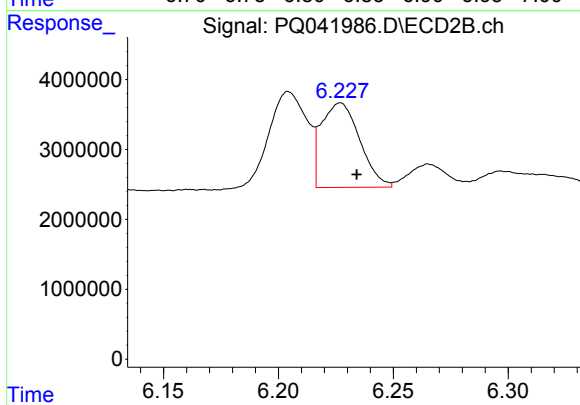
#11 AR-1232-1

R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: 2145285
Conc: 44.43 ng/ml



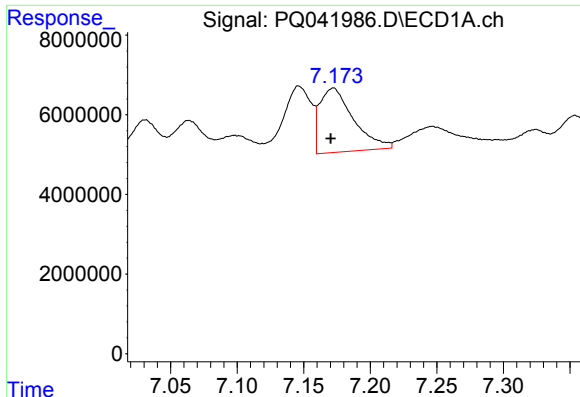
#12 AR-1232-2

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 18020853
Conc: 548.47 ng/ml



#12 AR-1232-2

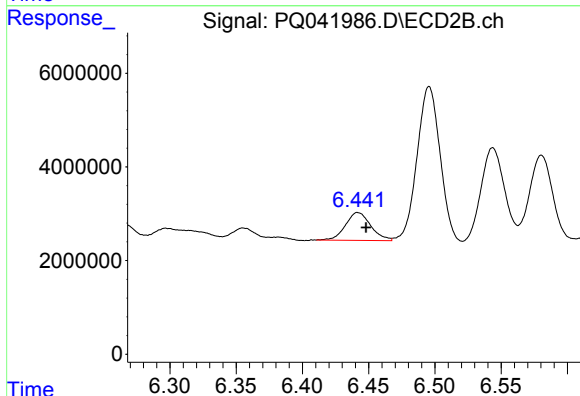
R.T.: 6.227 min
Delta R.T.: -0.007 min
Response: 14088855
Conc: 247.05 ng/ml



#13 AR-1232-3

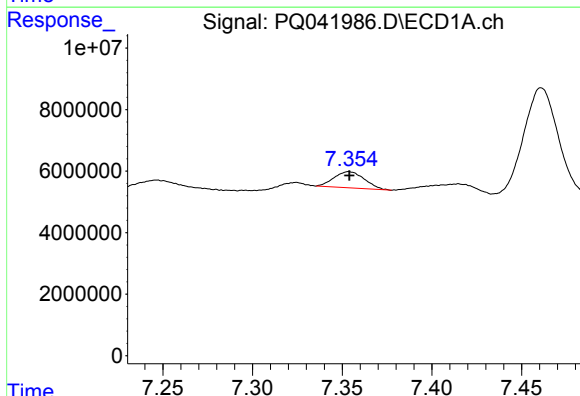
R.T.: 7.173 min
Delta R.T.: 0.002 min
Response: 28482175
Conc: 426.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



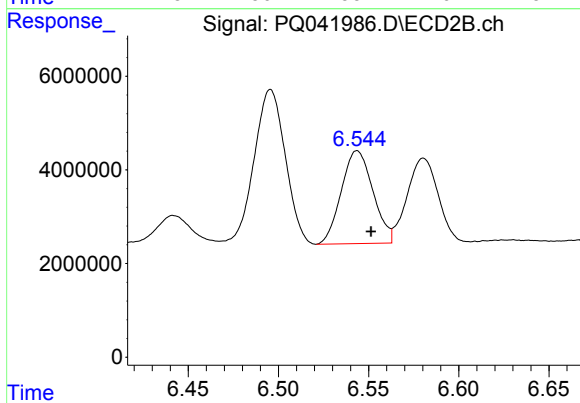
#13 AR-1232-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 7922956
Conc: 265.70 ng/ml



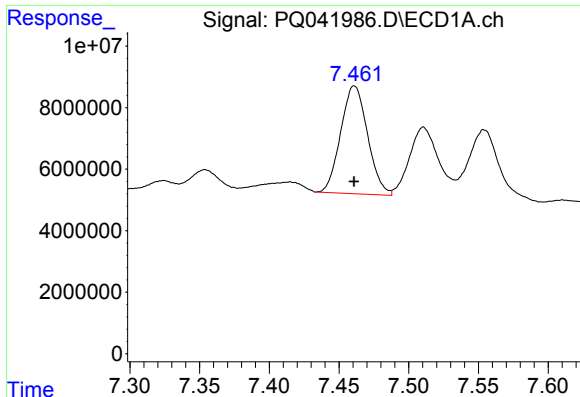
#14 AR-1232-4

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 6232130
Conc: 194.29 ng/ml



#14 AR-1232-4

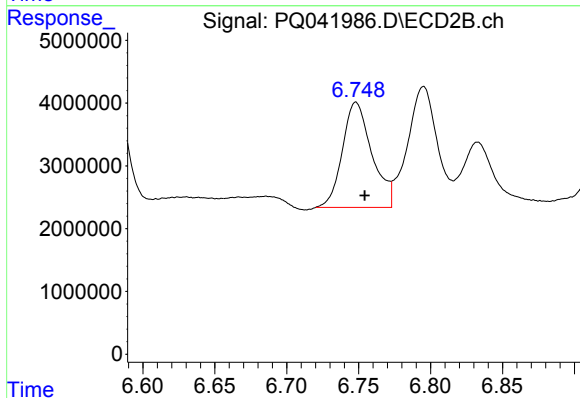
R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 24239669
Conc: 907.97 ng/ml



#15 AR-1232-5

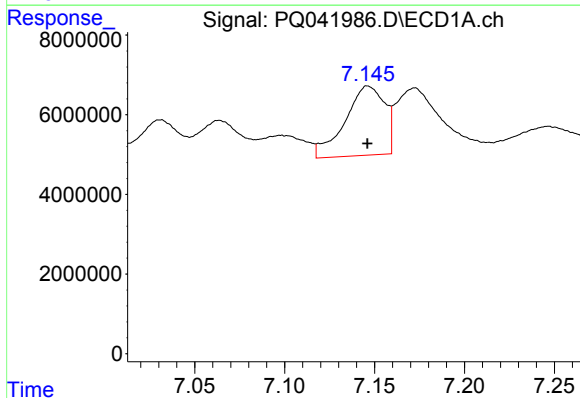
R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 47059645
Conc: 2189.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



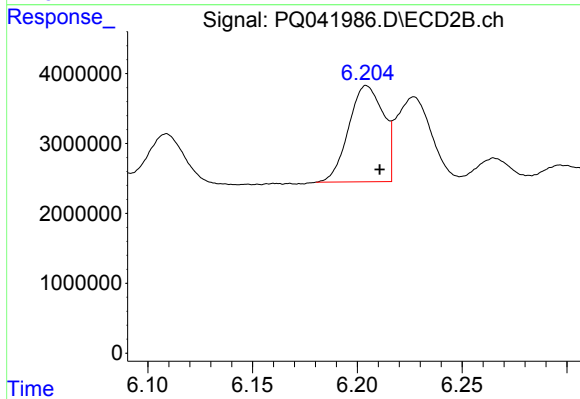
#15 AR-1232-5

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 24059985
Conc: 820.43 ng/ml



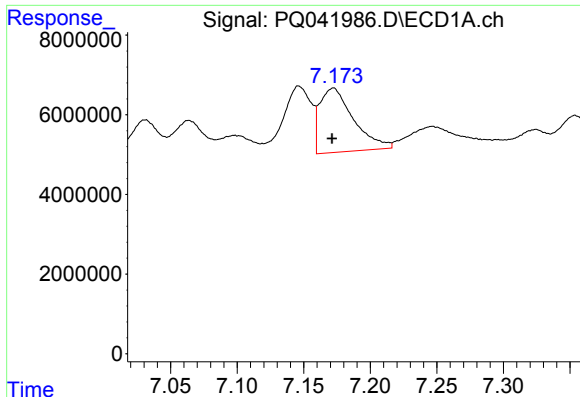
#16 AR-1242-1

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 26691424
Conc: 298.40 ng/ml



#16 AR-1242-1

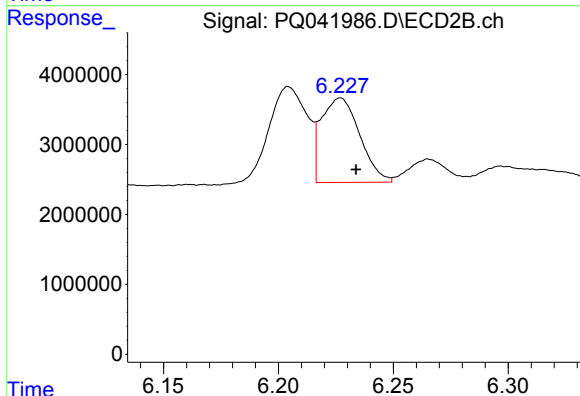
R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 15833158
Conc: 193.47 ng/ml



#17 AR-1242-2

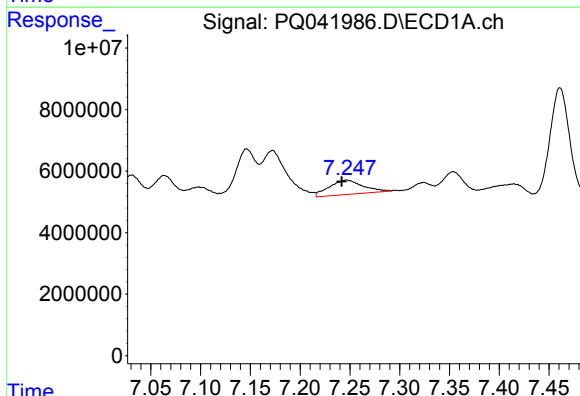
R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 28482175
Conc: 221.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



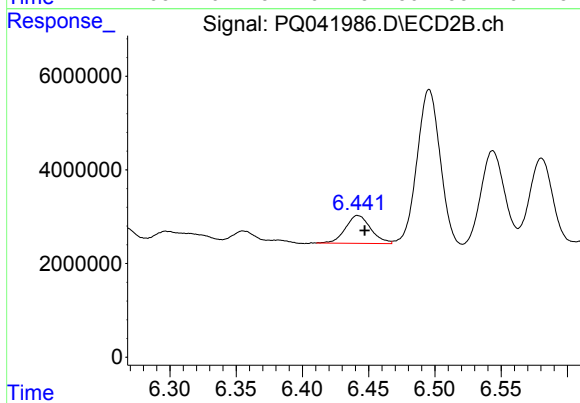
#17 AR-1242-2

R.T.: 6.227 min
Delta R.T.: -0.007 min
Response: 14088855
Conc: 124.75 ng/ml



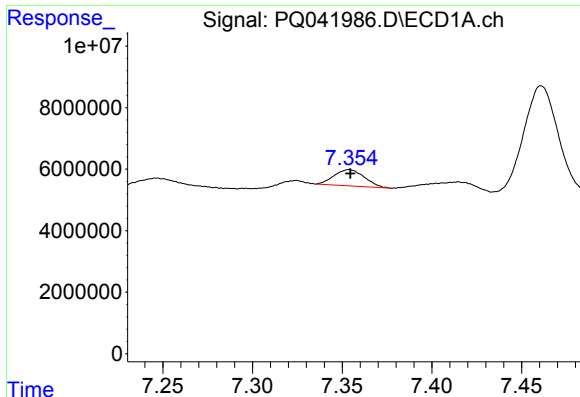
#18 AR-1242-3

R.T.: 7.247 min
Delta R.T.: 0.005 min
Response: 10960045
Conc: 135.17 ng/ml



#18 AR-1242-3

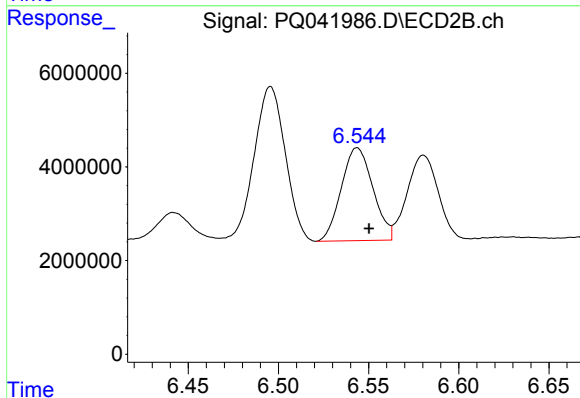
R.T.: 6.441 min
Delta R.T.: -0.006 min
Response: 7922956
Conc: 134.12 ng/ml



#19 AR-1242-4

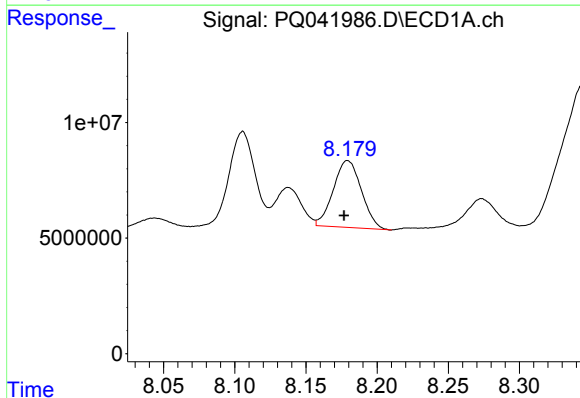
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 6232130
Conc: 96.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



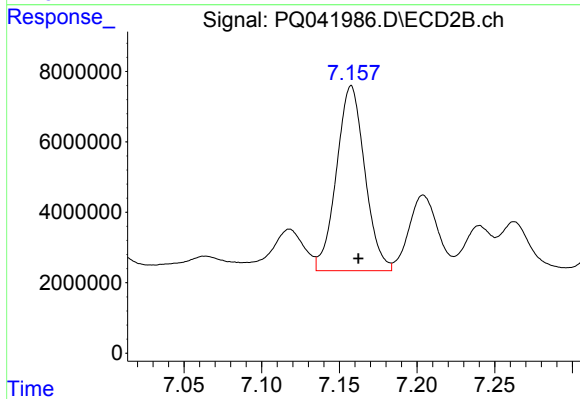
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 24239669
Conc: 408.78 ng/ml



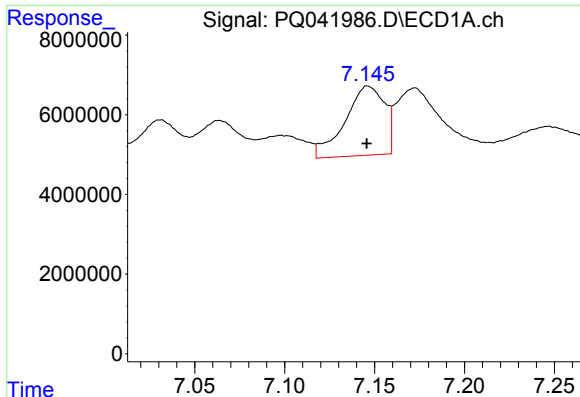
#20 AR-1242-5

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 39774980
Conc: 448.29 ng/ml



#20 AR-1242-5

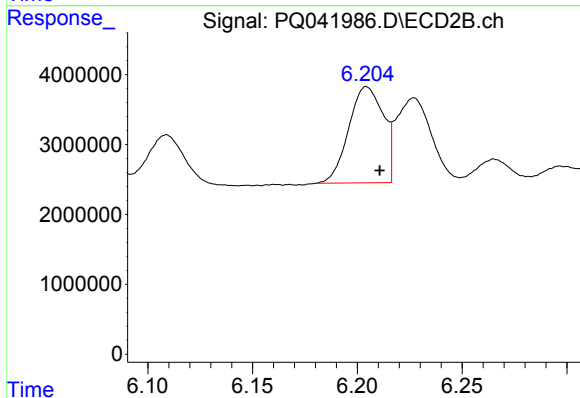
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 66750903
Conc: 751.75 ng/ml



#21 AR-1248-1

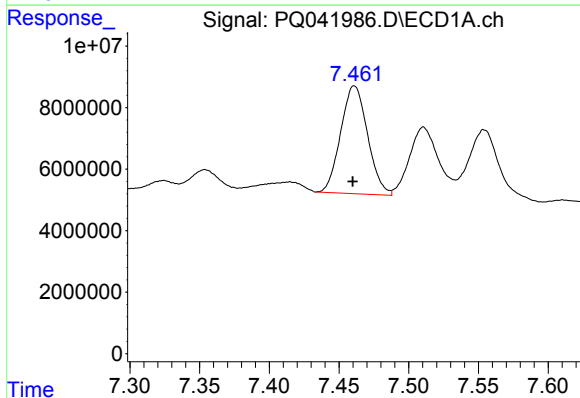
R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 26691424
Conc: 360.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



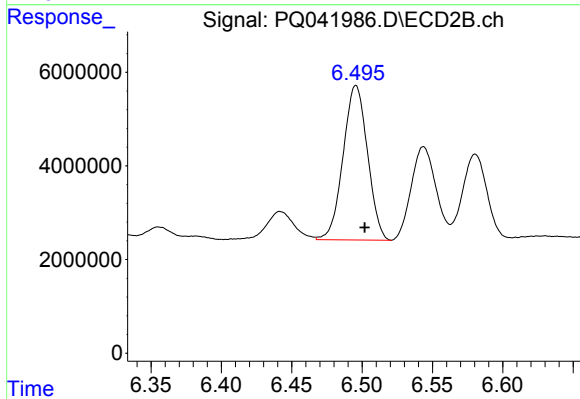
#21 AR-1248-1

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 15833158
Conc: 238.80 ng/ml



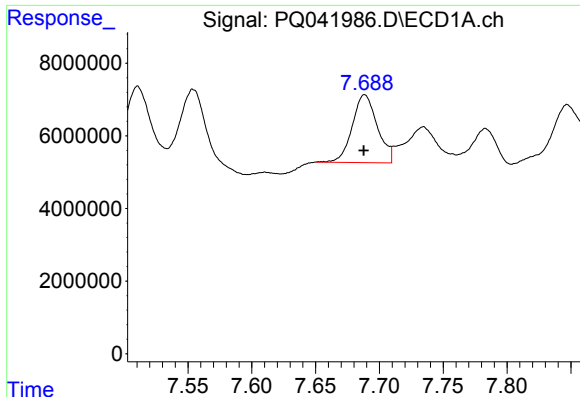
#22 AR-1248-2

R.T.: 7.461 min
Delta R.T.: 0.001 min
Response: 47059645
Conc: 510.06 ng/ml



#22 AR-1248-2

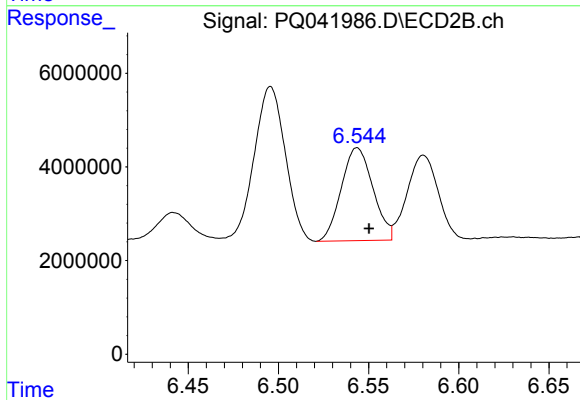
R.T.: 6.496 min
Delta R.T.: -0.006 min
Response: 39808236
Conc: 456.58 ng/ml



#23 AR-1248-3

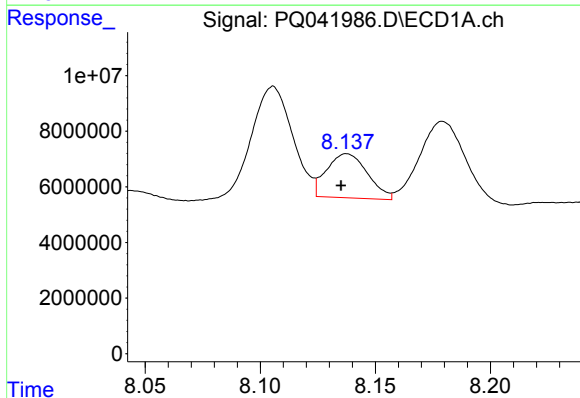
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 25547461
Conc: 228.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



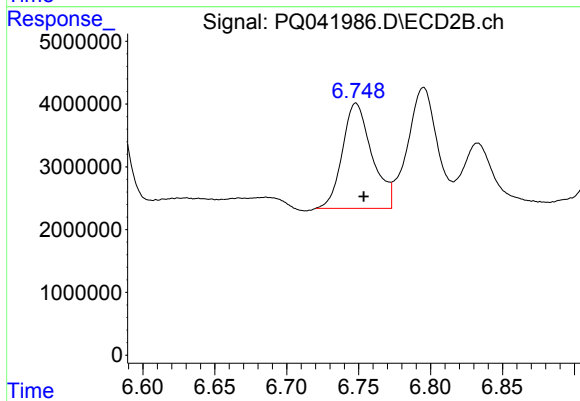
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 24239669
Conc: 271.58 ng/ml



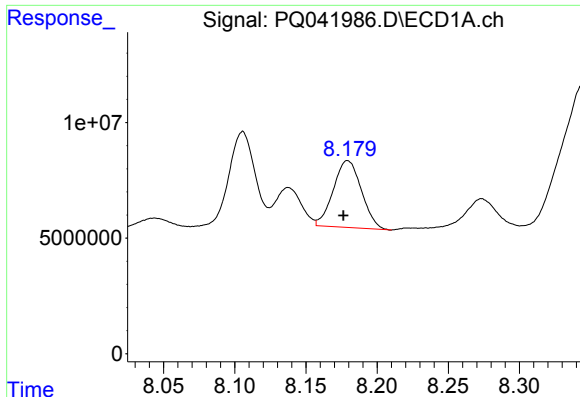
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: 0.002 min
Response: 19611927
Conc: 125.43 ng/ml



#24 AR-1248-4

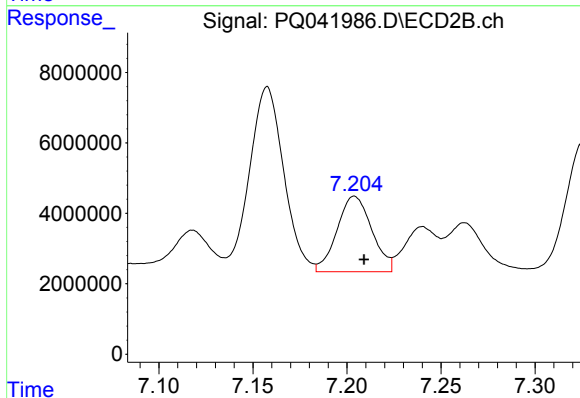
R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 24059985
Conc: 218.45 ng/ml



#25 AR-1248-5

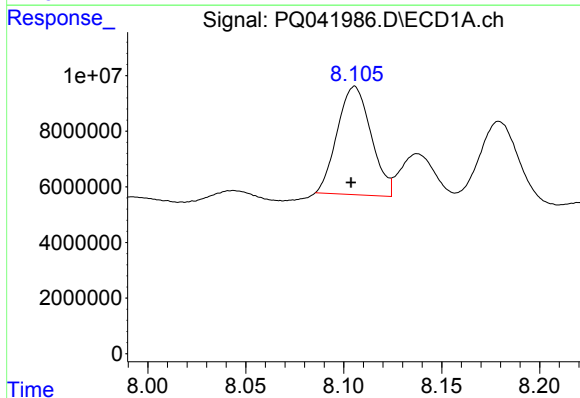
R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 39774980
Conc: 262.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



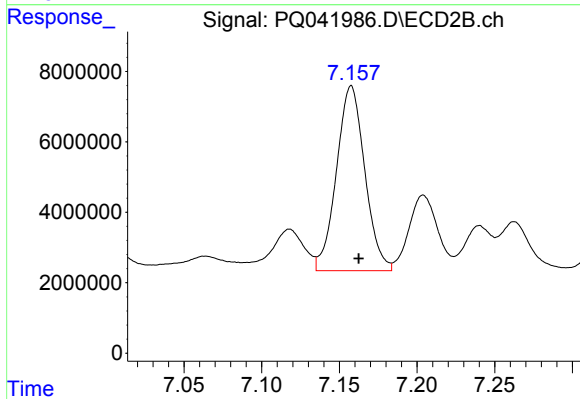
#25 AR-1248-5

R.T.: 7.204 min
Delta R.T.: -0.005 min
Response: 27641937
Conc: 215.66 ng/ml



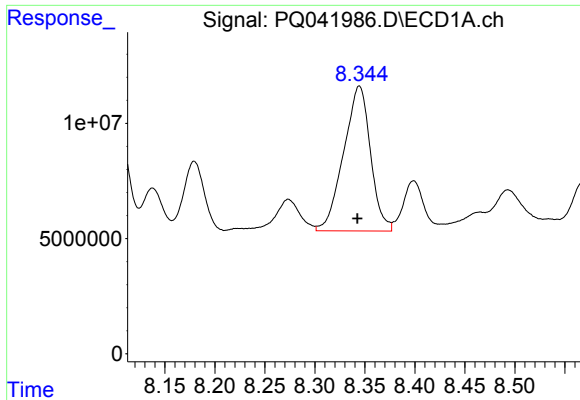
#26 AR-1254-1

R.T.: 8.106 min
Delta R.T.: 0.002 min
Response: 46798431
Conc: 336.40 ng/ml



#26 AR-1254-1

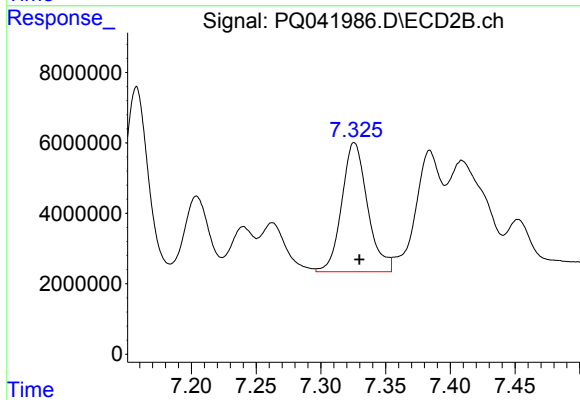
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 66750903
Conc: 364.99 ng/ml



#27 AR-1254-2

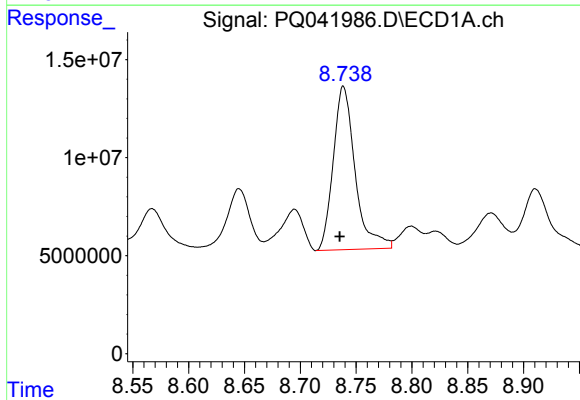
R.T.: 8.344 min
Delta R.T.: 0.002 min
Response: 117699888
Conc: 514.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



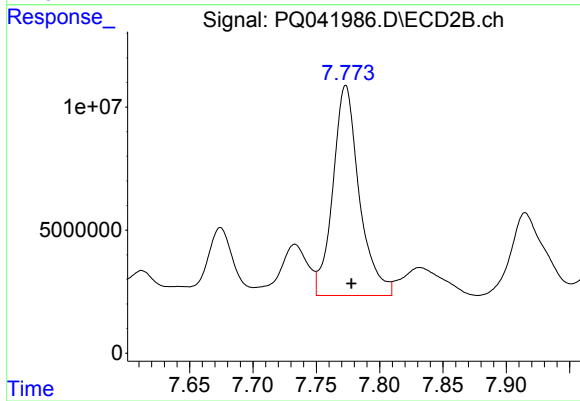
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 50824895
Conc: 313.98 ng/ml



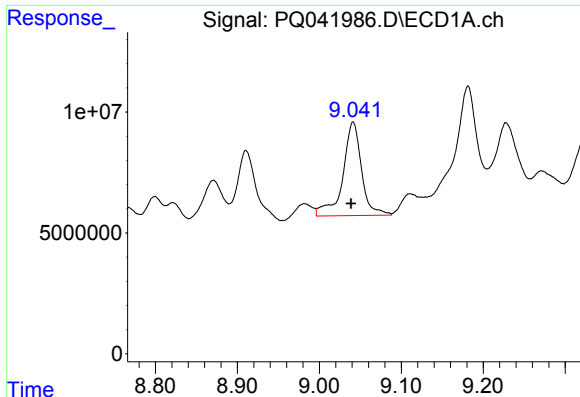
#28 AR-1254-3

R.T.: 8.739 min
Delta R.T.: 0.003 min
Response: 113782853
Conc: 416.14 ng/ml



#28 AR-1254-3

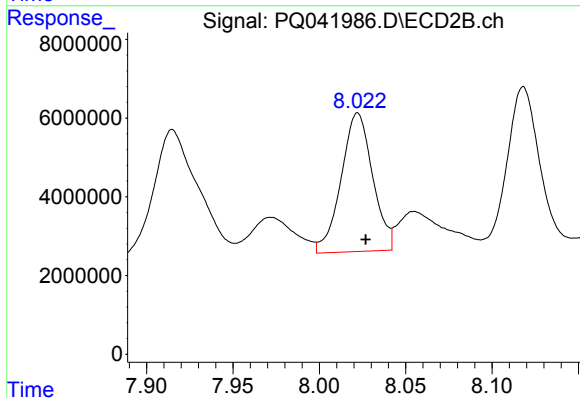
R.T.: 7.773 min
Delta R.T.: -0.004 min
Response: 123850476
Conc: 429.43 ng/ml



#29 AR-1254-4

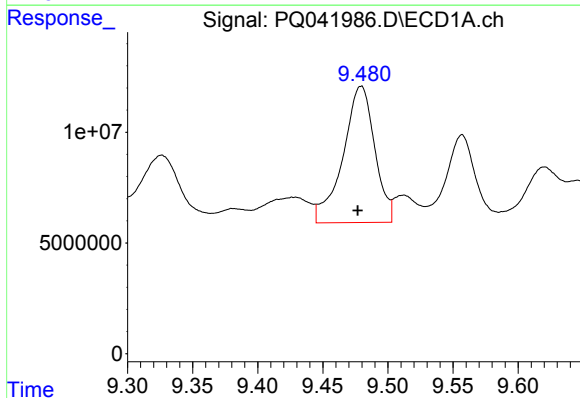
R.T.: 9.041 min
Delta R.T.: 0.003 min
Response: 61507411
Conc: 249.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



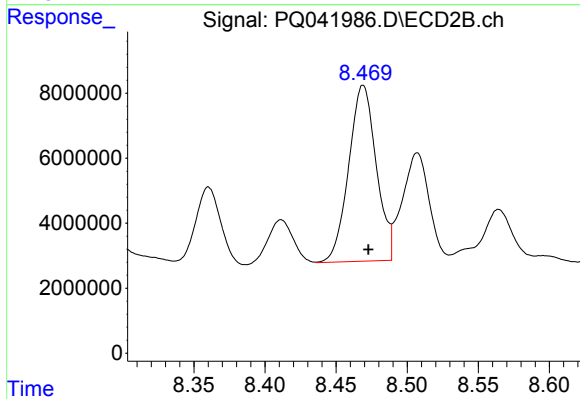
#29 AR-1254-4

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 44738356
Conc: 206.10 ng/ml



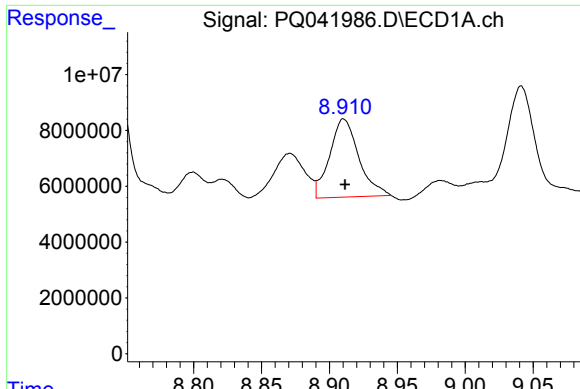
#30 AR-1254-5

R.T.: 9.479 min
Delta R.T.: 0.002 min
Response: 104589412
Conc: 386.16 ng/ml



#30 AR-1254-5

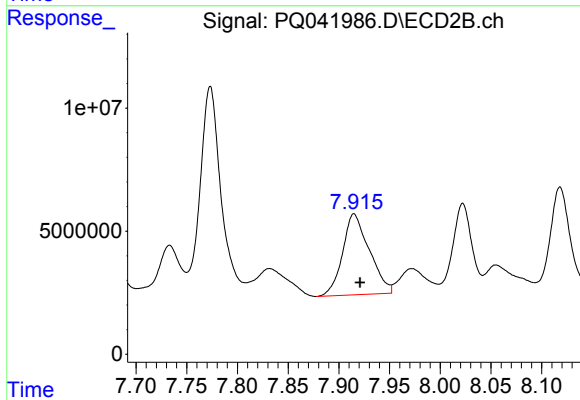
R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 73060259
Conc: 242.91 ng/ml



#31 AR-1260-1

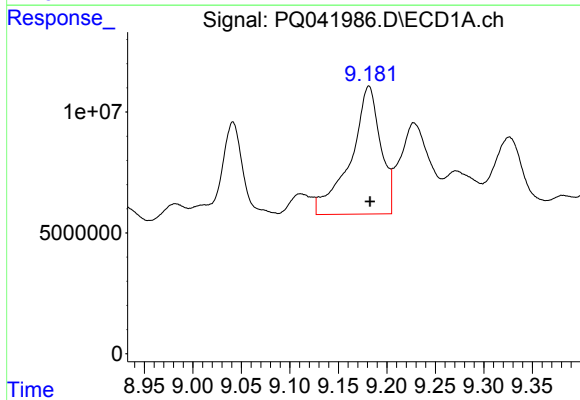
R.T.: 8.911 min
Delta R.T.: -0.001 min
Response: 41885355
Conc: 235.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



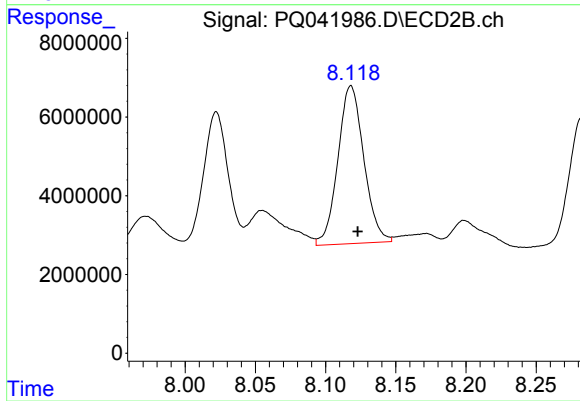
#31 AR-1260-1

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 60344666
Conc: 332.61 ng/ml



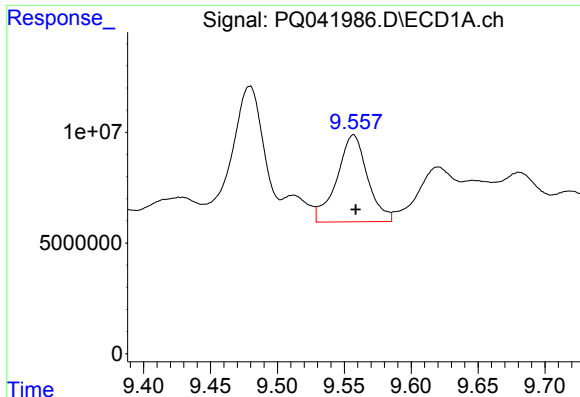
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.001 min
Response: 113930464
Conc: 451.61 ng/ml



#32 AR-1260-2

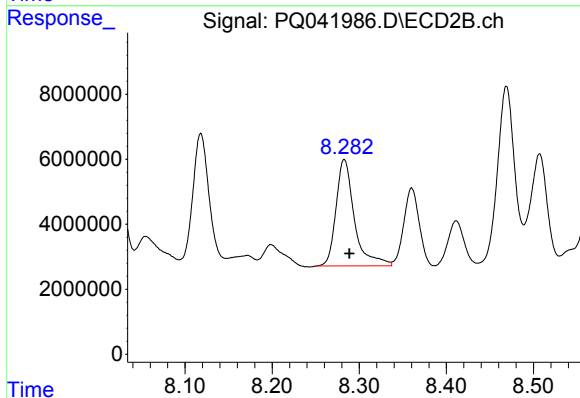
R.T.: 8.118 min
Delta R.T.: -0.005 min
Response: 51497455
Conc: 209.91 ng/ml



#33 AR-1260-3

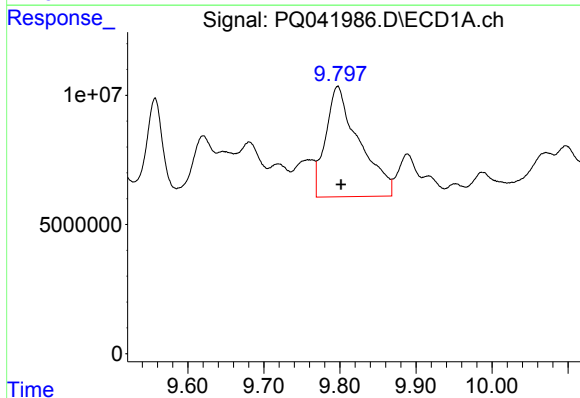
R.T.: 9.557 min
Delta R.T.: -0.002 min
Response: 62697904
Conc: 273.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



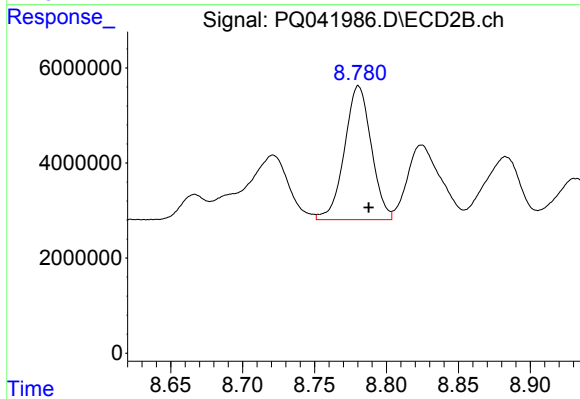
#33 AR-1260-3

R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 48150079
Conc: 226.29 ng/ml



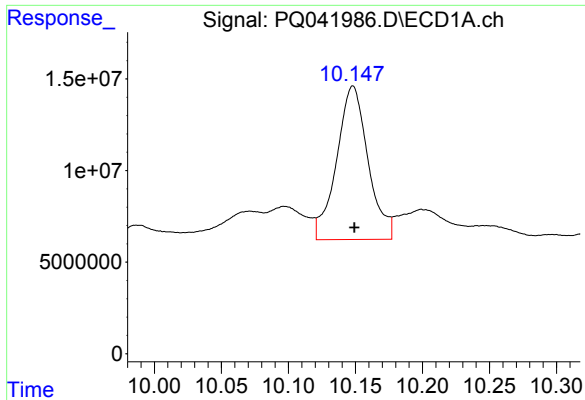
#34 AR-1260-4

R.T.: 9.797 min
Delta R.T.: -0.005 min
Response: 130434067
Conc: 510.82 ng/ml



#34 AR-1260-4

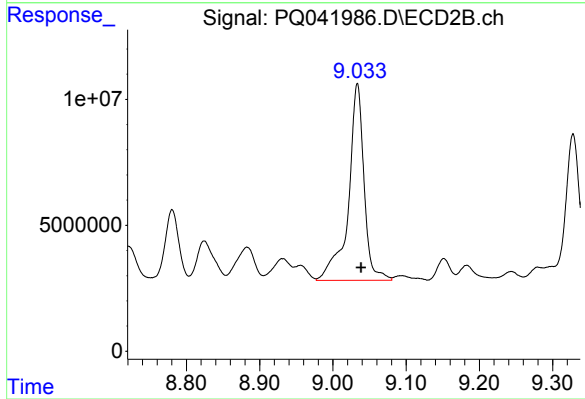
R.T.: 8.781 min
Delta R.T.: -0.007 min
Response: 36623997
Conc: 181.05 ng/ml



#35 AR-1260-5

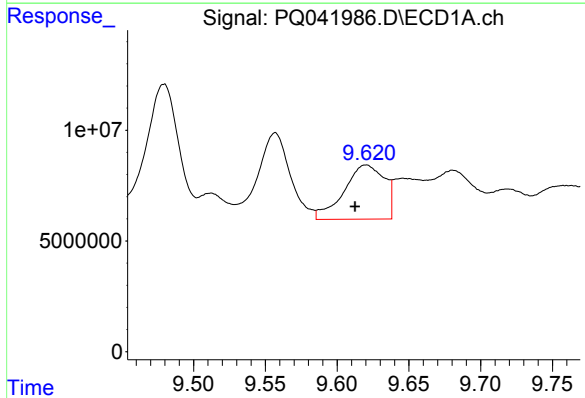
R.T.: 10.148 min
Delta R.T.: -0.001 min
Response: 136912865
Conc: 203.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



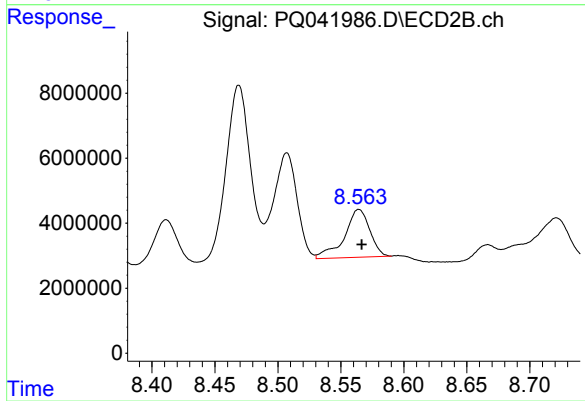
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 115921898
Conc: 196.41 ng/ml



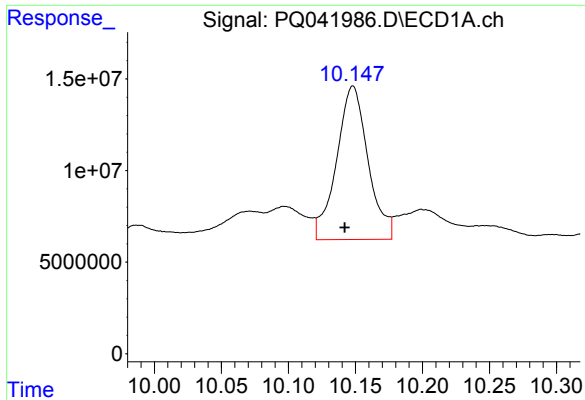
#36 AR-1262-1

R.T.: 9.620 min
Delta R.T.: 0.008 min
Response: 48008400
Conc: 312.36 ng/ml



#36 AR-1262-1

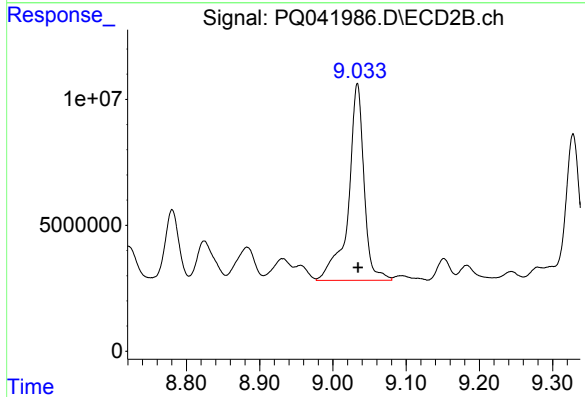
R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 20658246
Conc: 144.00 ng/ml



#37 AR-1262-2

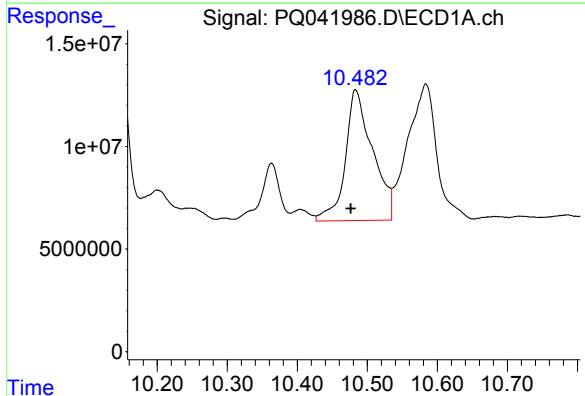
R.T.: 10.148 min
Delta R.T.: 0.006 min
Response: 136912865
Conc: 156.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



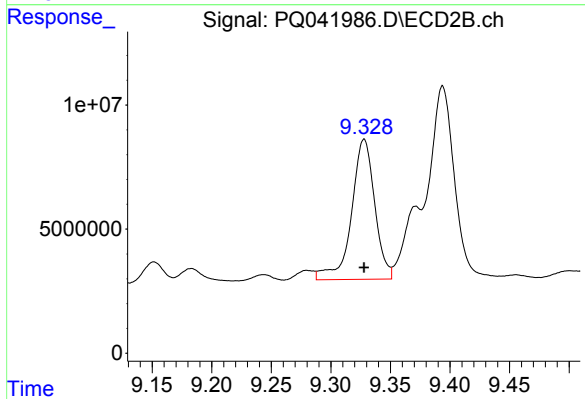
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 115921898
Conc: 156.43 ng/ml



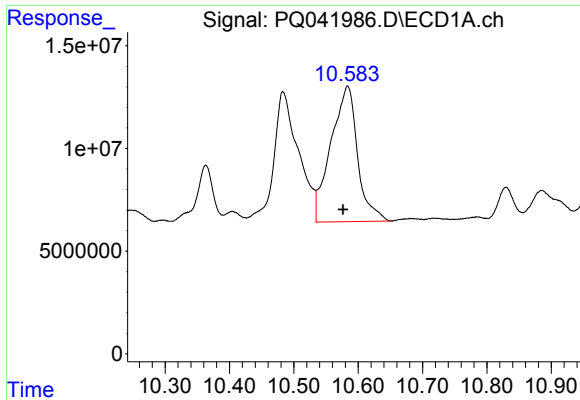
#38 AR-1262-3

R.T.: 10.483 min
Delta R.T.: 0.007 min
Response: 172558472
Conc: 271.74 ng/ml



#38 AR-1262-3

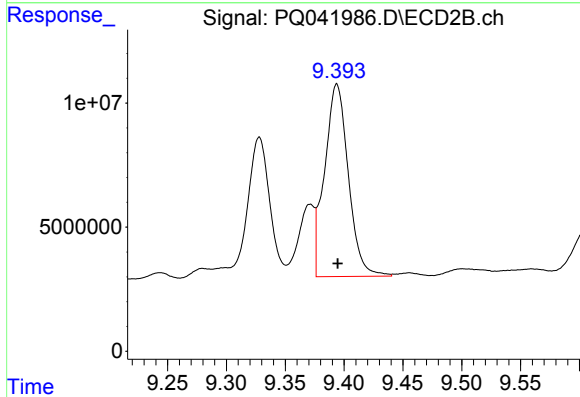
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 76744573
Conc: 242.58 ng/ml



#39 AR-1262-4

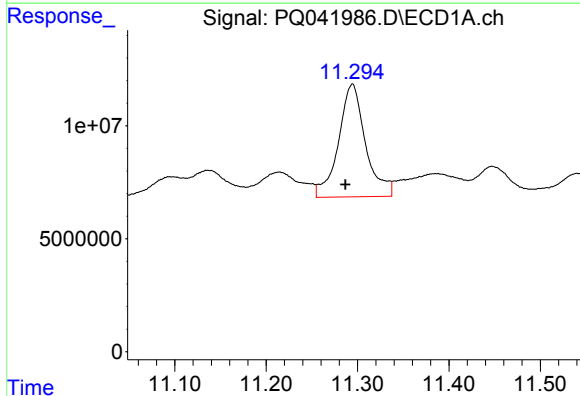
R.T.: 10.584 min
Delta R.T.: 0.007 min
Response: 190349363
Conc: 380.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



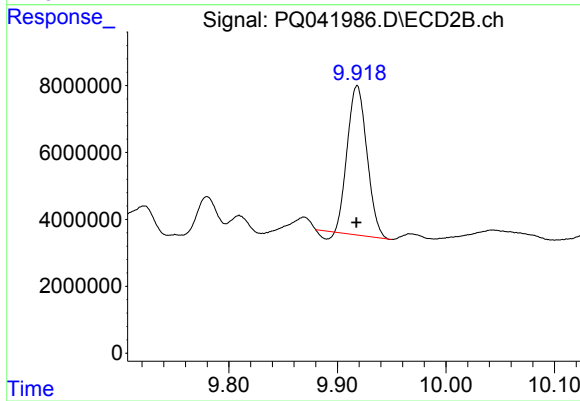
#39 AR-1262-4

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 108958194
Conc: 193.75 ng/ml



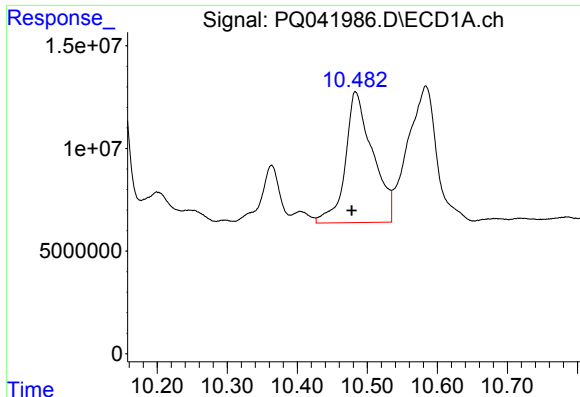
#40 AR-1262-5

R.T.: 11.294 min
Delta R.T.: 0.008 min
Response: 102576154
Conc: 251.96 ng/ml



#40 AR-1262-5

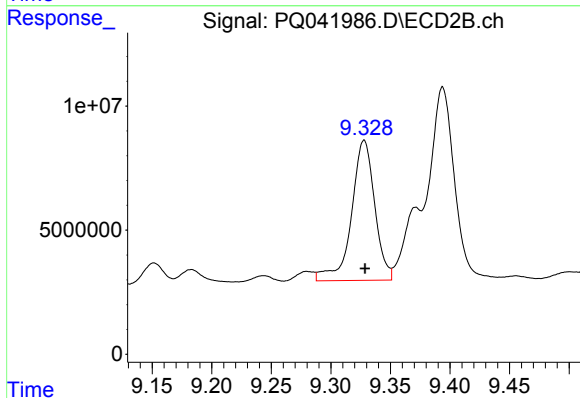
R.T.: 9.918 min
Delta R.T.: 0.000 min
Response: 54720489
Conc: 191.59 ng/ml



#41 AR-1268-1

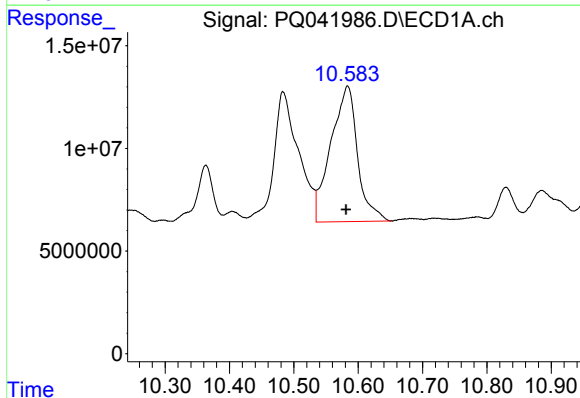
R.T.: 10.483 min
Delta R.T.: 0.005 min
Response: 172558472
Conc: 121.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



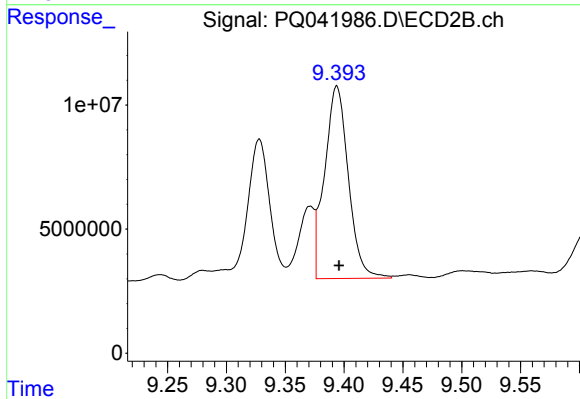
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 76744573
Conc: 67.13 ng/ml



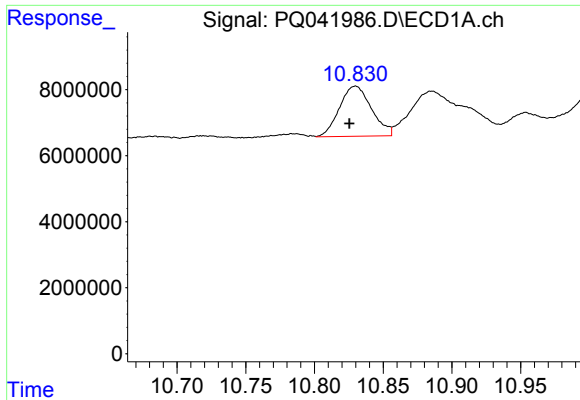
#42 AR-1268-2

R.T.: 10.584 min
Delta R.T.: 0.002 min
Response: 190349363
Conc: 144.32 ng/ml



#42 AR-1268-2

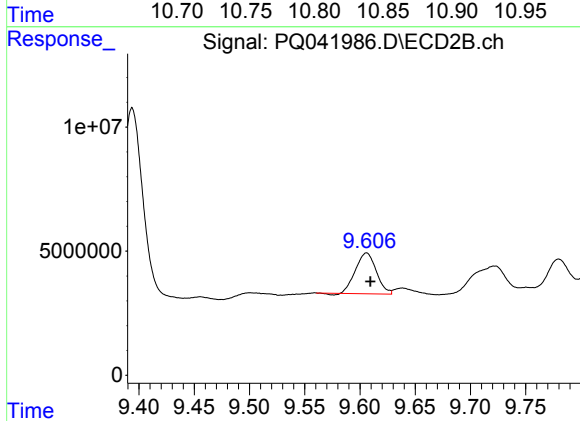
R.T.: 9.394 min
Delta R.T.: -0.002 min
Response: 108958194
Conc: 106.14 ng/ml



#43 AR-1268-3

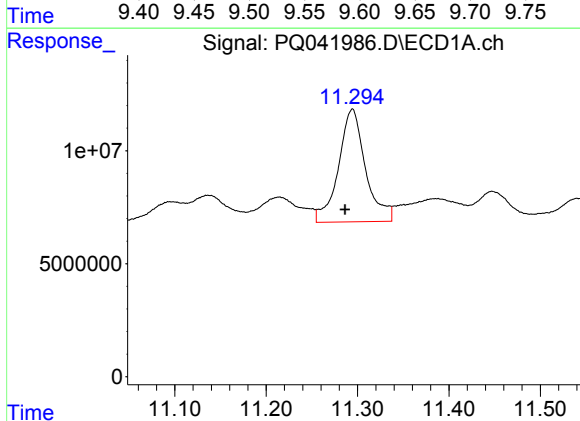
R.T.: 10.830 min
Delta R.T.: 0.004 min
Response: 24647182
Conc: 21.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



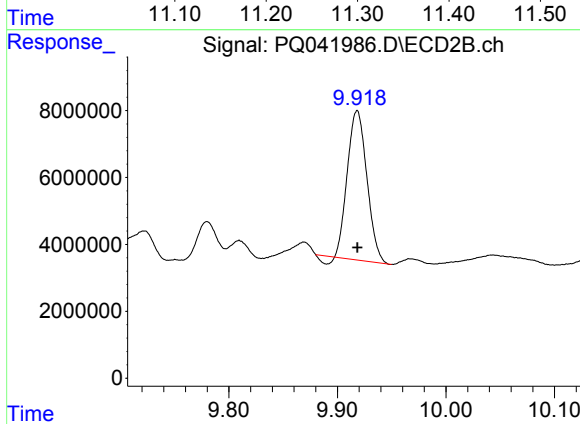
#43 AR-1268-3

R.T.: 9.606 min
Delta R.T.: -0.003 min
Response: 21394711
Conc: 24.62 ng/ml



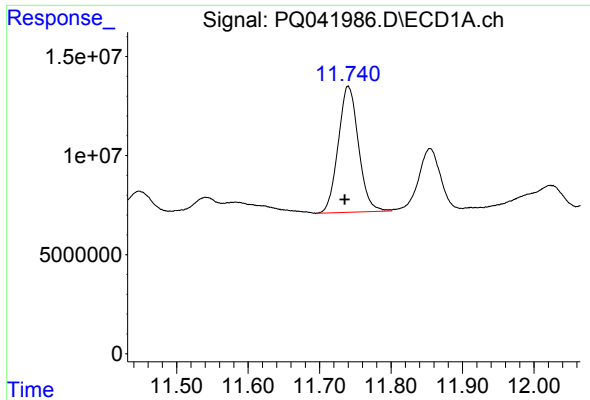
#44 AR-1268-4

R.T.: 11.294 min
Delta R.T.: 0.008 min
Response: 102576154
Conc: 188.41 ng/ml



#44 AR-1268-4

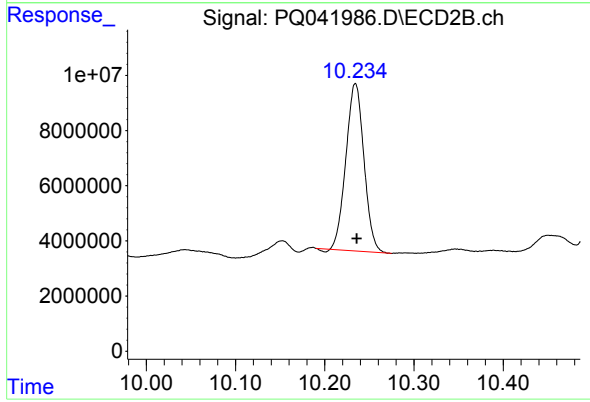
R.T.: 9.918 min
Delta R.T.: 0.000 min
Response: 54720489
Conc: 142.25 ng/ml



#45 AR-1268-5

R.T.: 11.740 min
Delta R.T.: 0.005 min
Response: 125231972
Conc: 30.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 85187383
Conc: 32.80 ng/ml