

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 09:42
 Operator : SM\AJ
 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: Aug 22 10:54:15 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...	5.626	4.690	55038143	48388402	18.542	19.308
2)	SA Decachlor...	11.979	10.418	213.5E6	181.4E6	28.283	29.713
Target Compounds							
3)	L1 AR-1016-1	7.073	6.138	46223109	46383480	379.851	402.806
4)	L1 AR-1016-2	7.096	6.160	67388844	64789425	366.167	403.598
5)	L1 AR-1016-3	7.167	6.373	40849161	33790398	328.520	394.093
6)	L1 AR-1016-4	7.280	6.429	34578402	25329930	391.319	350.786
7)	L1 AR-1016-5	7.614	6.680	33447741	36457865	395.505	407.050
8)	L2 AR-1221-1	5.900	4.994	2433680	3172103	70.848	97.278 #
9)	L2 AR-1221-2	6.016	5.113	4720927	4587687	193.773	190.635
10)	L2 AR-1221-3	6.112	5.216	19779922	20062752	230.355	242.914
11)	L3 AR-1232-1	6.112	5.216	19779922	20062752	285.166	297.813
12)	L3 AR-1232-2	6.755	6.160	28994934	64789425	787.733	848.141
13)	L3 AR-1232-3	7.096	6.373	67388844	33790398	806.122	832.776
14)	L3 AR-1232-4	7.280	6.478	34578402	33704010	848.070	847.209
15)	L3 AR-1232-5	7.385	6.680	25024862	36457865	1023.135	919.372
16)	L4 AR-1242-1	7.073	6.138	46223109	46383480	442.917	449.017
17)	L4 AR-1242-2	7.096	6.160	67388844	64789425	442.403	457.200
18)	L4 AR-1242-3	7.167	6.373	40849161	33790398	400.818	446.474
19)	L4 AR-1242-4	7.280	6.478	34578402	33704010	449.590	440.145
20)	L4 AR-1242-5	8.104	7.089	6598715	31448944	69.935	280.554 #
21)	L5 AR-1248-1	7.073	6.138	46223109	46383480	554.391	564.272
22)	L5 AR-1248-2	7.385	6.429	25024862	25329930	245.029	229.930
23)	L5 AR-1248-3	7.614	6.478	33447741	33704010	263.578	299.070
24)	L5 AR-1248-4	8.062	6.680	7776211	36457865	46.909	266.863 #
25)	L5 AR-1248-5	8.104	7.135	6598715	9702684	41.447	61.634 #
26)	L6 AR-1254-1	8.032	7.089	25662775	31448944	174.899	139.373
27)	L6 AR-1254-2	8.268	7.257	27583014	30644804	114.989	151.553 #
28)	L6 AR-1254-3	8.663	7.720	18506299	53997587	64.914	153.339 #
29)	L6 AR-1254-4	8.965	7.953	11735001	8894142	49.217	34.660 #
30)	L6 AR-1254-5	9.404	8.397	104.0E6	106.2E6	402.668	292.330 #
31)	L7 AR-1260-1	8.834	7.846	56248923	76014138	319.064	372.567
32)	L7 AR-1260-2	9.107	8.049	85257886	99059423	354.710	369.795
33)	L7 AR-1260-3	9.481	8.213	72619571	86314658	335.884	362.116
34)	L7 AR-1260-4	9.720	8.710	82198671	77502132	338.507	341.853
35)	L7 AR-1260-5	10.064	8.961	180.5E6	199.9E6	304.126	320.959
36)	L8 AR-1262-1	9.542	8.494	38180409	43750713	264.890	255.580
37)	L8 AR-1262-2	10.064	8.961	180.5E6	199.9E6	239.963	239.273
38)	L8 AR-1262-3	10.412	9.253	118.1E6	50068927	219.607	140.867 #
39)	L8 AR-1262-4	10.472	9.321	81155683	148.4E6	186.677	230.178
40)	L8 AR-1262-5	11.189	9.839	65627323	58080192	191.331	183.601
41)	L9 AR-1268-1	10.412	9.253	118.1E6	50068927	123.525	49.875 #

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 Acq On : 22 Aug 2019 09:42
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

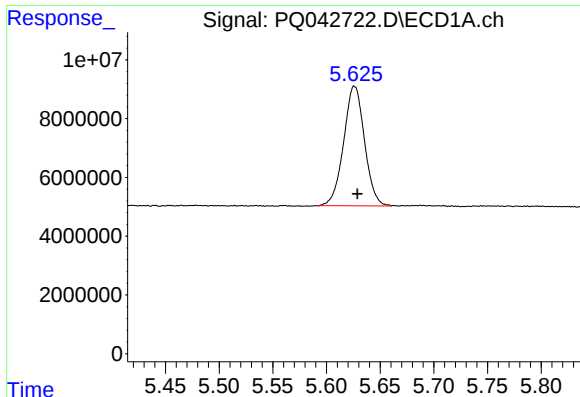
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 10:54:15 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
42) L9	AR-1268-2	10.472	9.321	81155683	148.4E6	87.135	158.063 #
43) L9	AR-1268-3	10.733	9.531	5610792	5823209	6.924	7.311
44) L9	AR-1268-4	11.189	9.839	65627323	58080192	176.867	169.708
45) L9	AR-1268-5	11.627	10.149	19152502	15881958	6.767	6.196

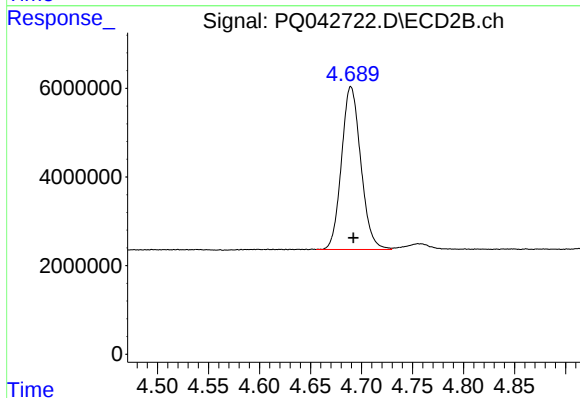
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

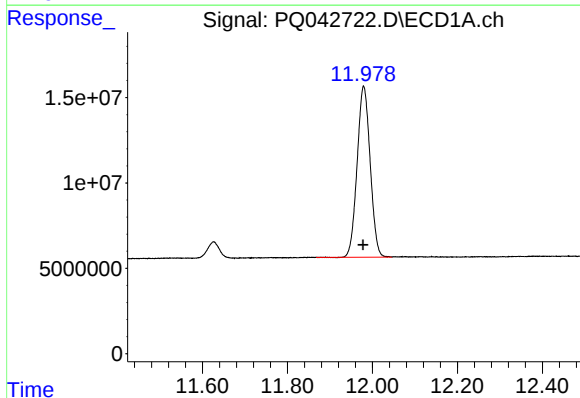
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 55038143
Conc: 18.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



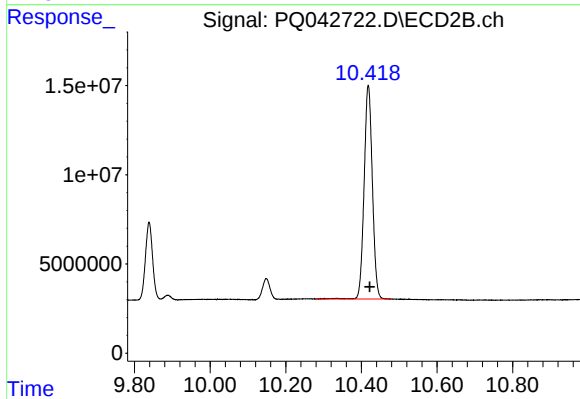
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 48388402
Conc: 19.31 ng/ml



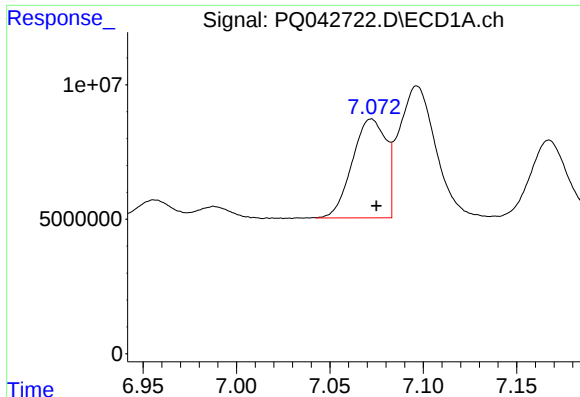
#2 Decachlorobiphenyl

R.T.: 11.979 min
Delta R.T.: 0.001 min
Response: 213500386
Conc: 28.28 ng/ml



#2 Decachlorobiphenyl

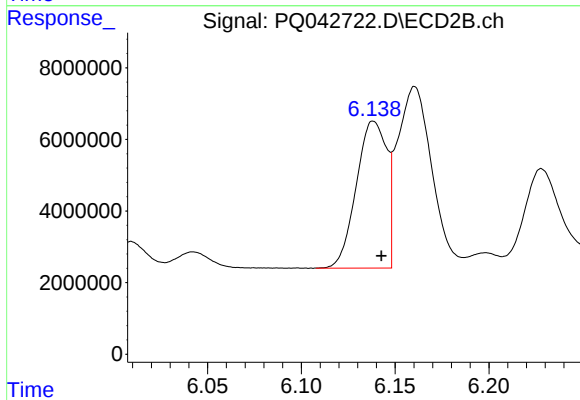
R.T.: 10.418 min
Delta R.T.: -0.004 min
Response: 181444304
Conc: 29.71 ng/ml



#3 AR-1016-1

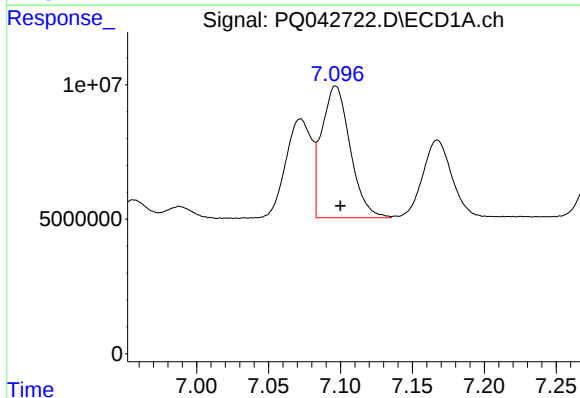
R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 46223109
Conc: 379.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



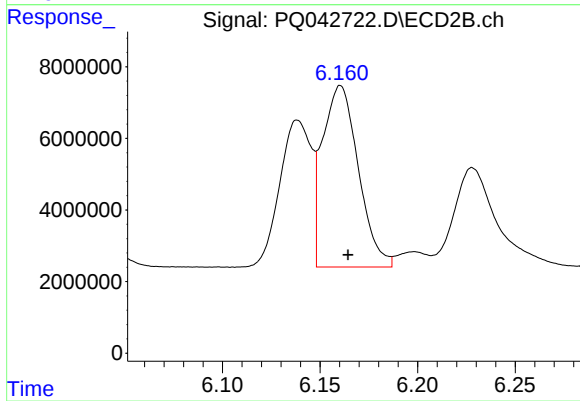
#3 AR-1016-1

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 46383480
Conc: 402.81 ng/ml



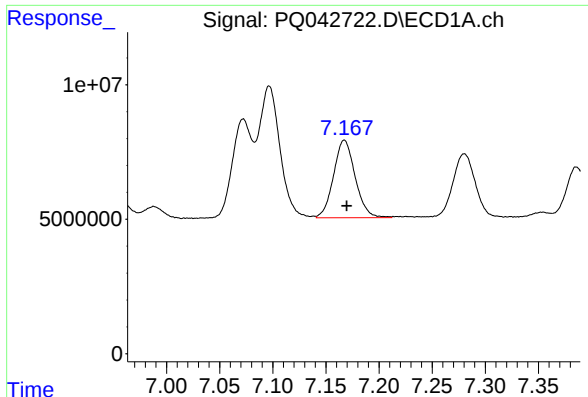
#4 AR-1016-2

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 67388844
Conc: 366.17 ng/ml



#4 AR-1016-2

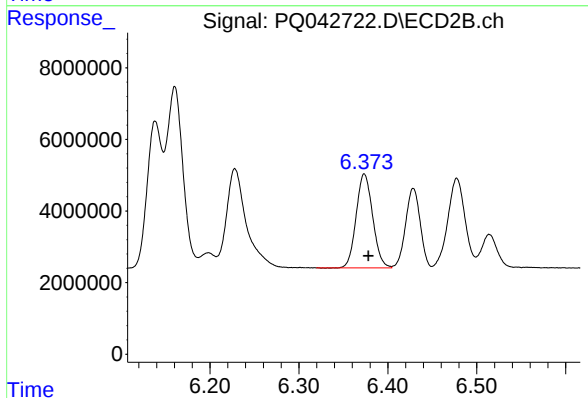
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 64789425
Conc: 403.60 ng/ml



#5 AR-1016-3

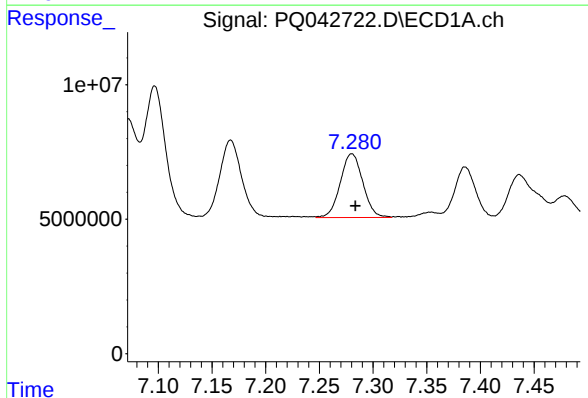
R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 40849161
Conc: 328.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



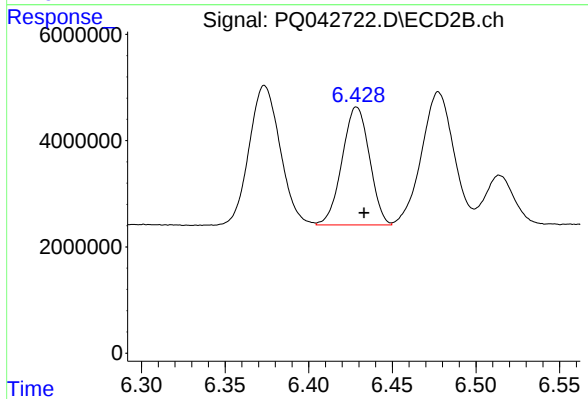
#5 AR-1016-3

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 33790398
Conc: 394.09 ng/ml



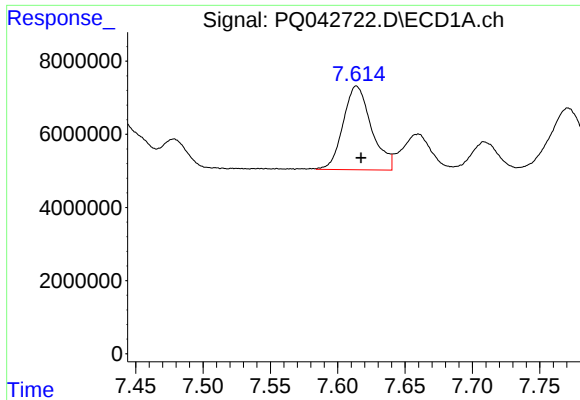
#6 AR-1016-4

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 34578402
Conc: 391.32 ng/ml



#6 AR-1016-4

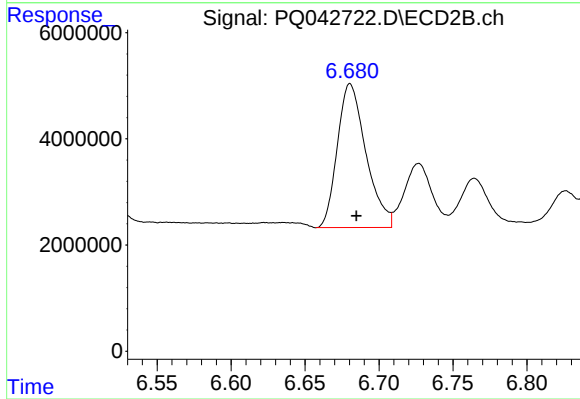
R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 25329930
Conc: 350.79 ng/ml



#7 AR-1016-5

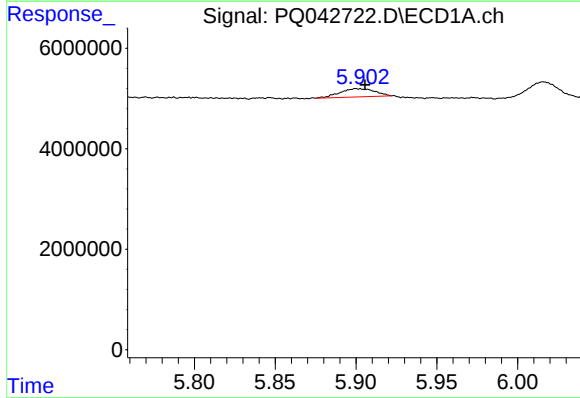
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 33447741
Conc: 395.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



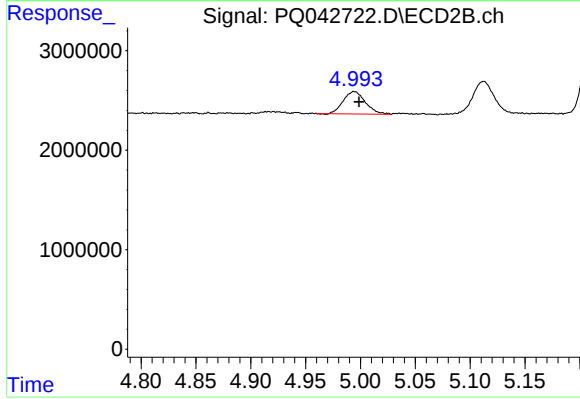
#7 AR-1016-5

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 36457865
Conc: 407.05 ng/ml



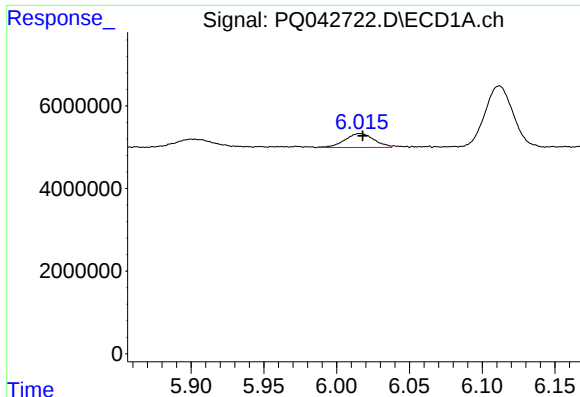
#8 AR-1221-1

R.T.: 5.900 min
Delta R.T.: -0.006 min
Response: 2433680
Conc: 70.85 ng/ml



#8 AR-1221-1

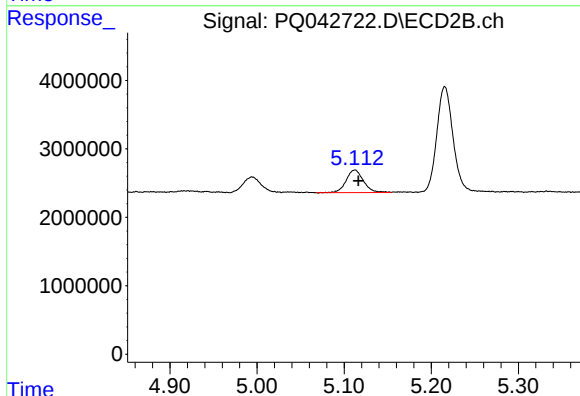
R.T.: 4.994 min
Delta R.T.: -0.005 min
Response: 3172103
Conc: 97.28 ng/ml



#9 AR-1221-2

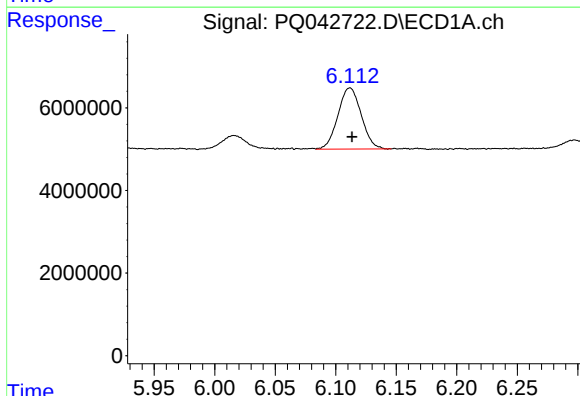
R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 4720927
Conc: 193.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



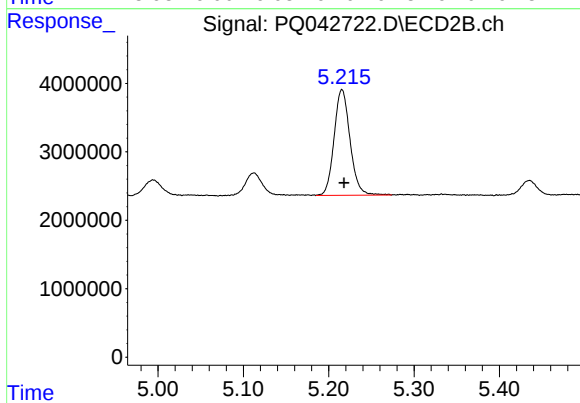
#9 AR-1221-2

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 4587687
Conc: 190.63 ng/ml



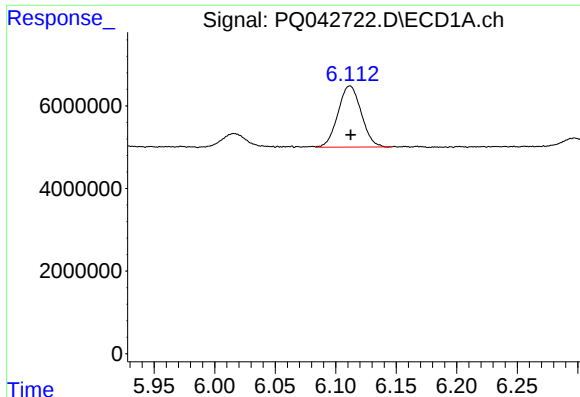
#10 AR-1221-3

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 19779922
Conc: 230.35 ng/ml



#10 AR-1221-3

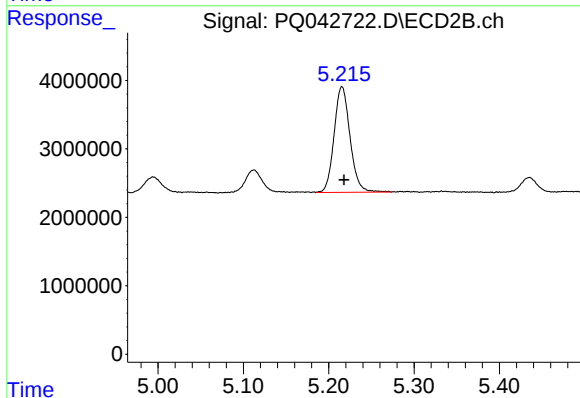
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 20062752
Conc: 242.91 ng/ml



#11 AR-1232-1

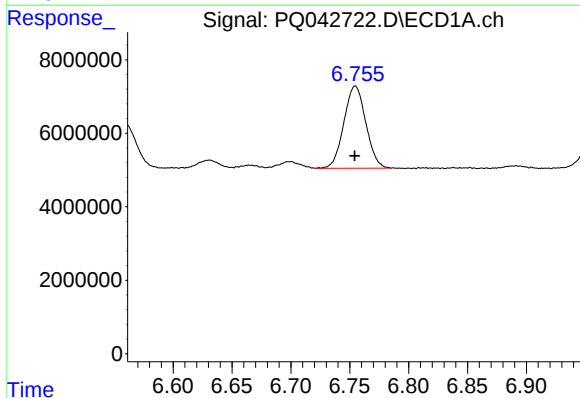
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 19779922
Conc: 285.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



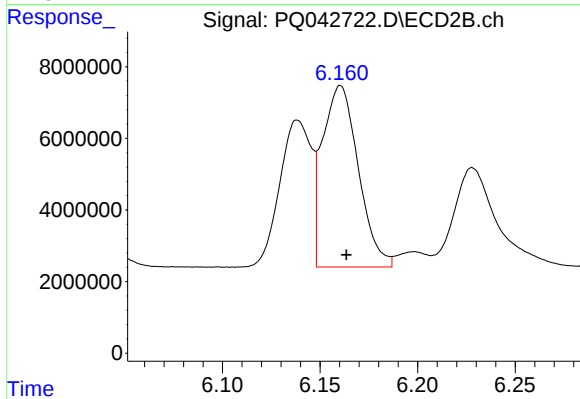
#11 AR-1232-1

R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 20062752
Conc: 297.81 ng/ml



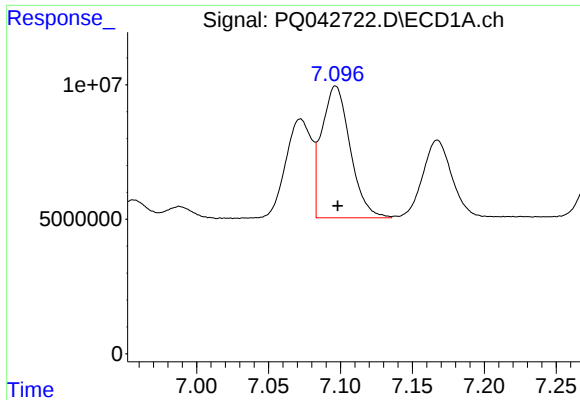
#12 AR-1232-2

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 28994934
Conc: 787.73 ng/ml



#12 AR-1232-2

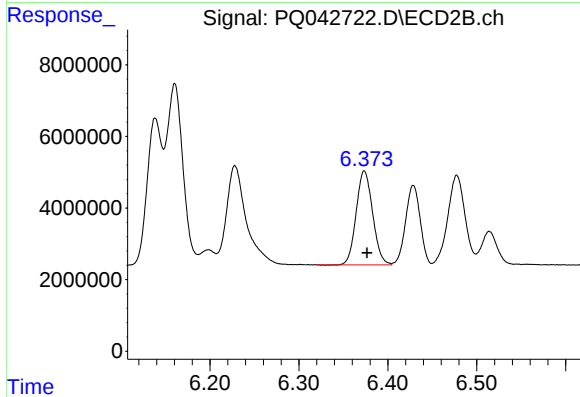
R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 64789425
Conc: 848.14 ng/ml



#13 AR-1232-3

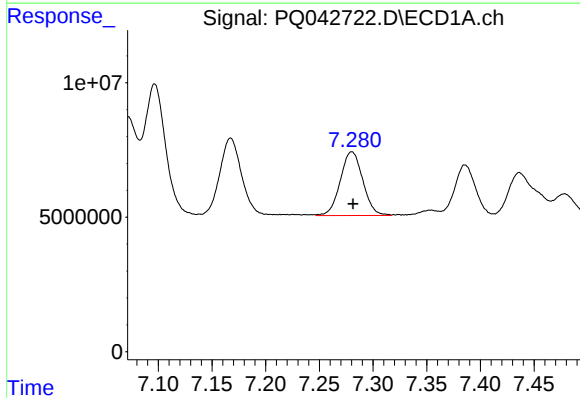
R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 67388844
Conc: 806.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



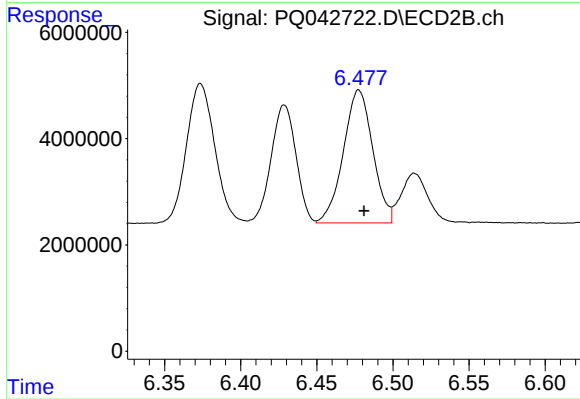
#13 AR-1232-3

R.T.: 6.373 min
Delta R.T.: -0.003 min
Response: 33790398
Conc: 832.78 ng/ml



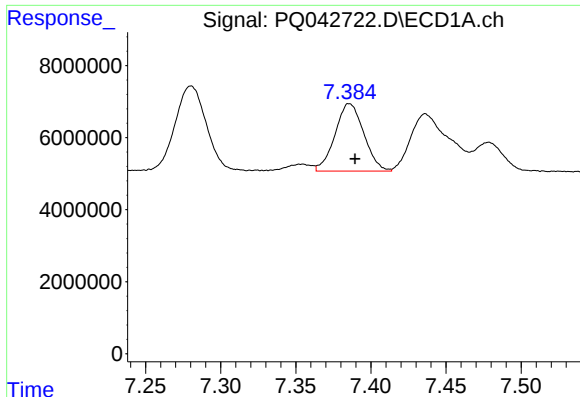
#14 AR-1232-4

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 34578402
Conc: 848.07 ng/ml



#14 AR-1232-4

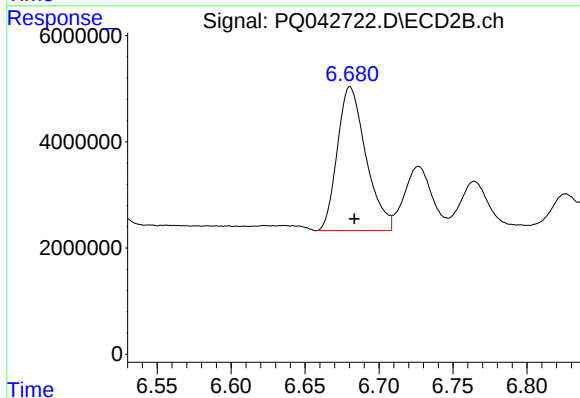
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 33704010
Conc: 847.21 ng/ml



#15 AR-1232-5

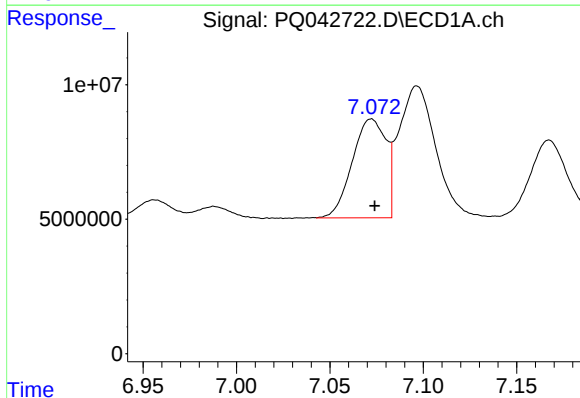
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 25024862
Conc: 1023.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



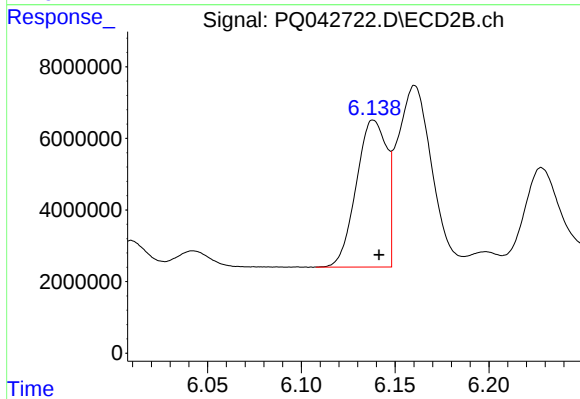
#15 AR-1232-5

R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 36457865
Conc: 919.37 ng/ml



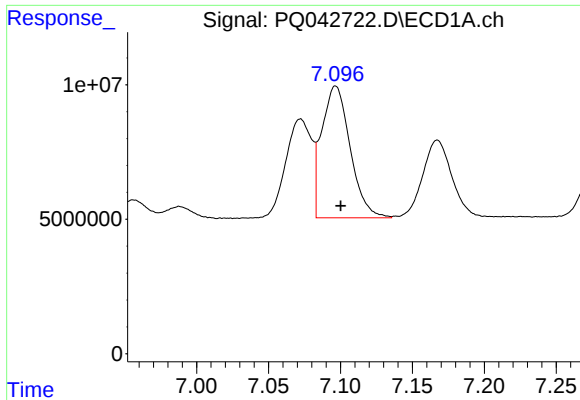
#16 AR-1242-1

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 46223109
Conc: 442.92 ng/ml



#16 AR-1242-1

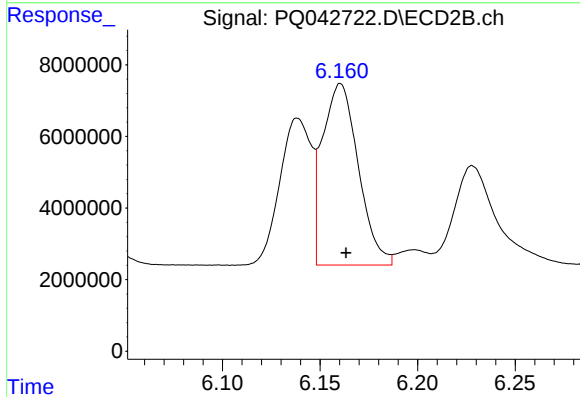
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 46383480
Conc: 449.02 ng/ml



#17 AR-1242-2

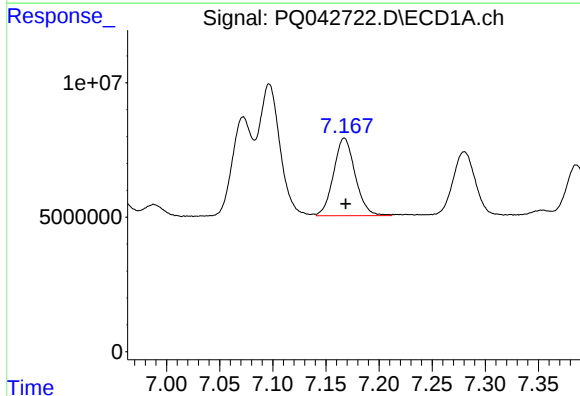
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 67388844
Conc: 442.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



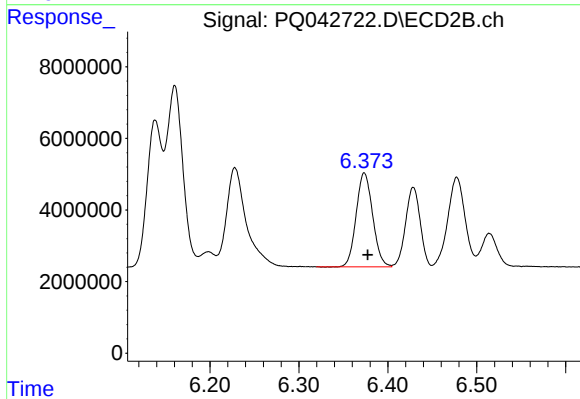
#17 AR-1242-2

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 64789425
Conc: 457.20 ng/ml



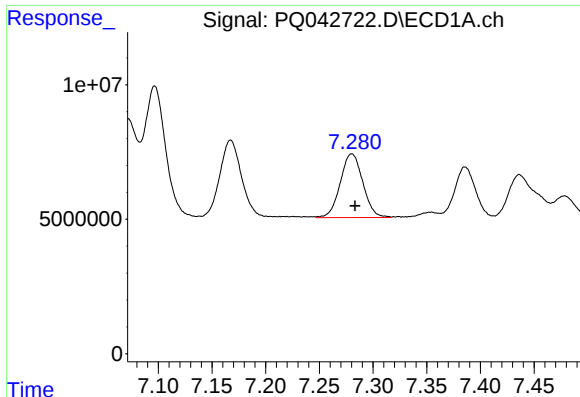
#18 AR-1242-3

R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 40849161
Conc: 400.82 ng/ml



#18 AR-1242-3

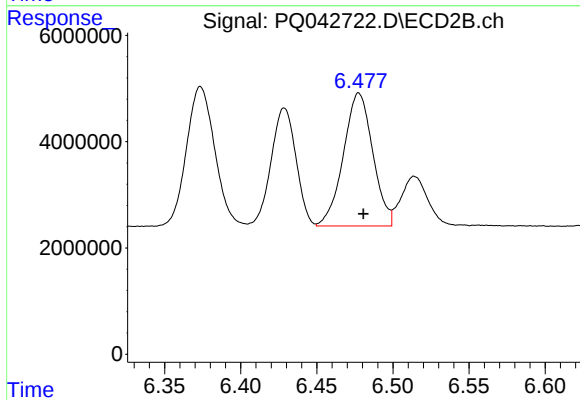
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 33790398
Conc: 446.47 ng/ml



#19 AR-1242-4

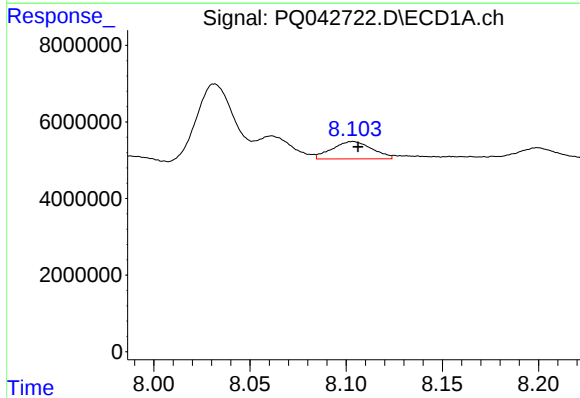
R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 34578402
Conc: 449.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



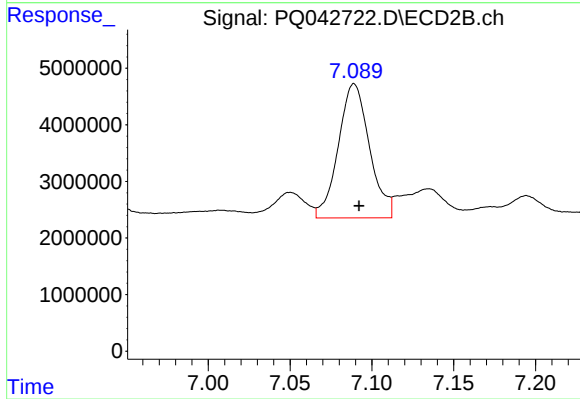
#19 AR-1242-4

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 33704010
Conc: 440.15 ng/ml



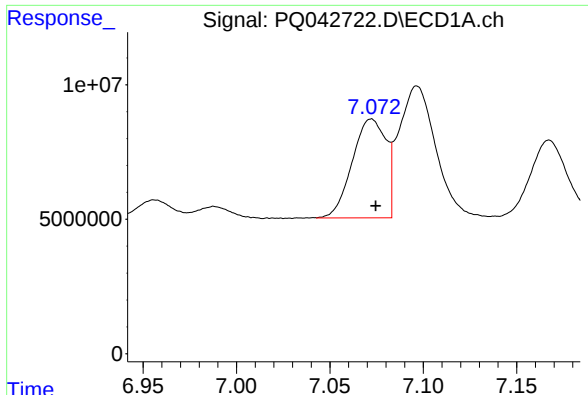
#20 AR-1242-5

R.T.: 8.104 min
Delta R.T.: -0.003 min
Response: 6598715
Conc: 69.94 ng/ml



#20 AR-1242-5

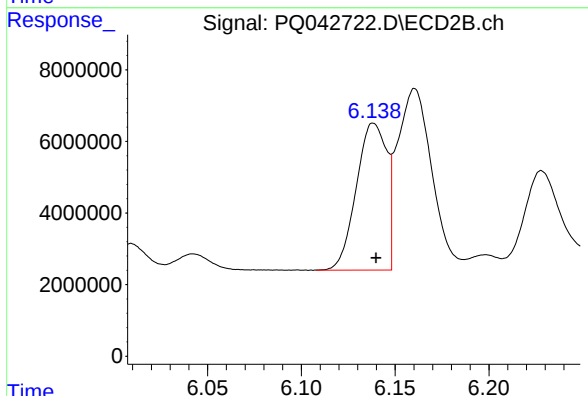
R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 31448944
Conc: 280.55 ng/ml



#21 AR-1248-1

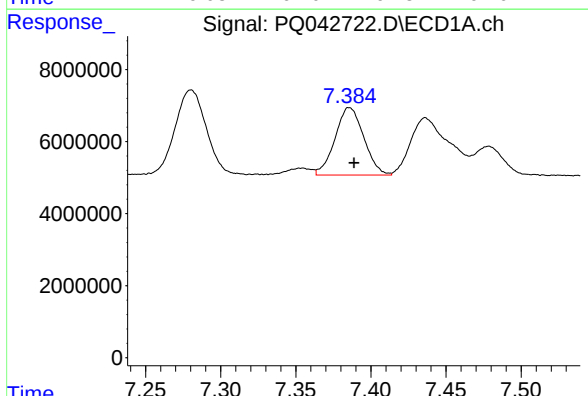
R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 46223109
Conc: 554.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



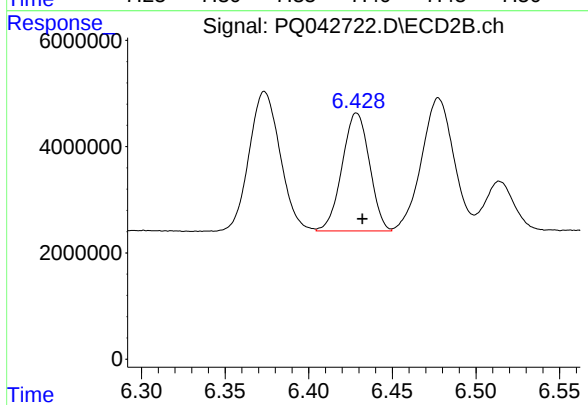
#21 AR-1248-1

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 46383480
Conc: 564.27 ng/ml



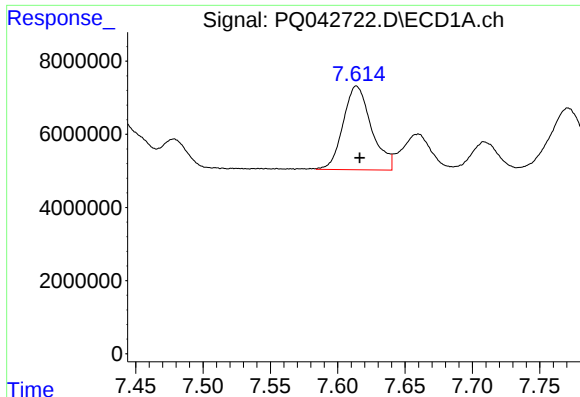
#22 AR-1248-2

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 25024862
Conc: 245.03 ng/ml



#22 AR-1248-2

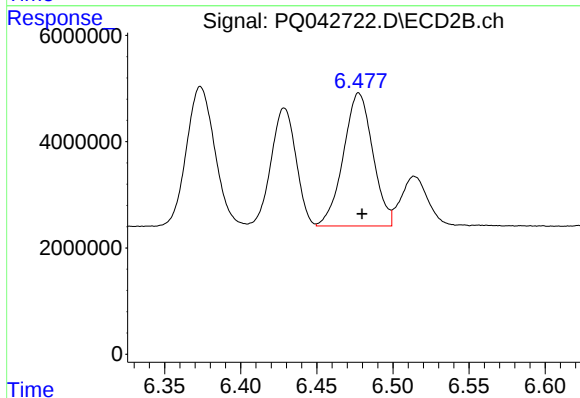
R.T.: 6.429 min
Delta R.T.: -0.003 min
Response: 25329930
Conc: 229.93 ng/ml



#23 AR-1248-3

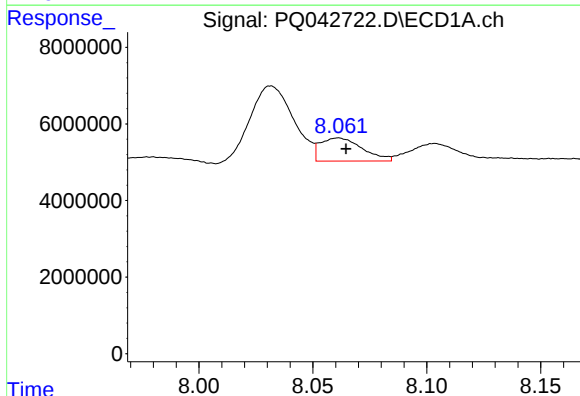
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 33447741
Conc: 263.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



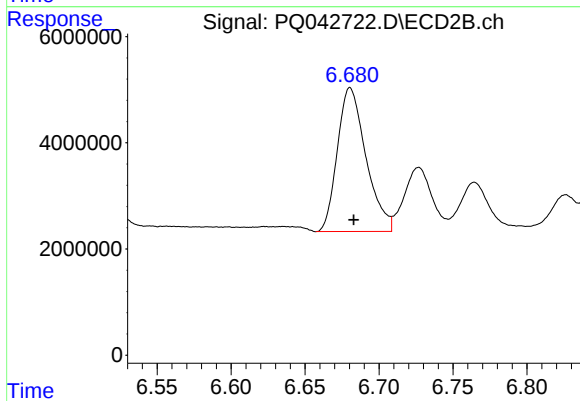
#23 AR-1248-3

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 33704010
Conc: 299.07 ng/ml



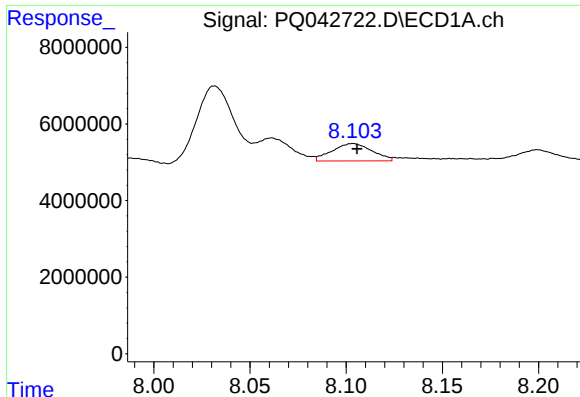
#24 AR-1248-4

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 7776211
Conc: 46.91 ng/ml



#24 AR-1248-4

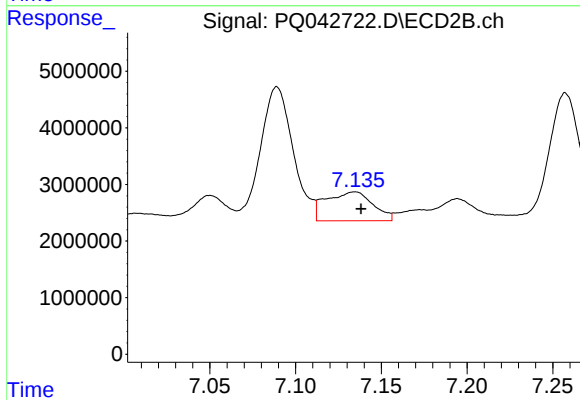
R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 36457865
Conc: 266.86 ng/ml



#25 AR-1248-5

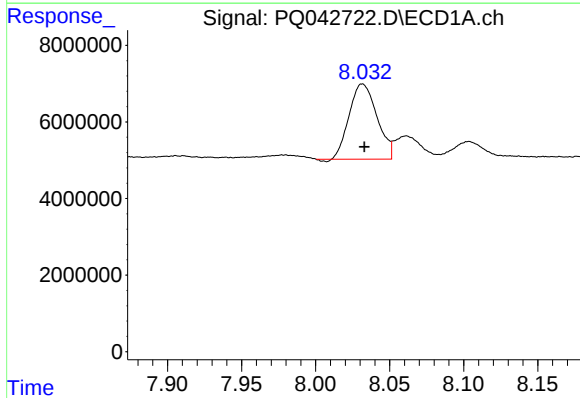
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 6598715
Conc: 41.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



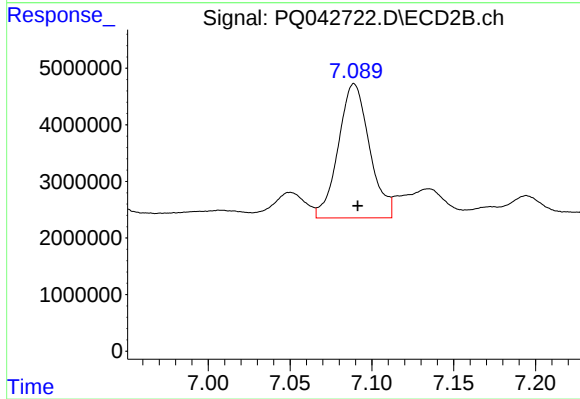
#25 AR-1248-5

R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 9702684
Conc: 61.63 ng/ml



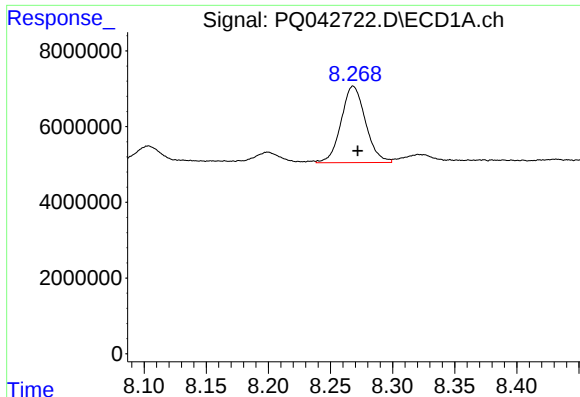
#26 AR-1254-1

R.T.: 8.032 min
Delta R.T.: -0.001 min
Response: 25662775
Conc: 174.90 ng/ml



#26 AR-1254-1

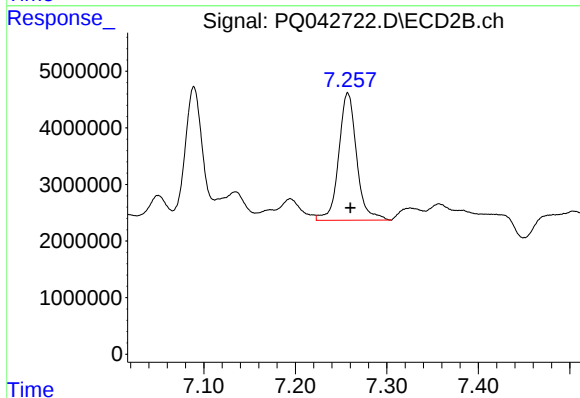
R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 31448944
Conc: 139.37 ng/ml



#27 AR-1254-2

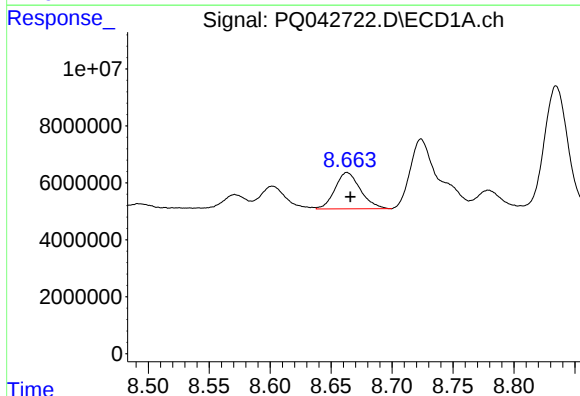
R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 27583014
Conc: 114.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



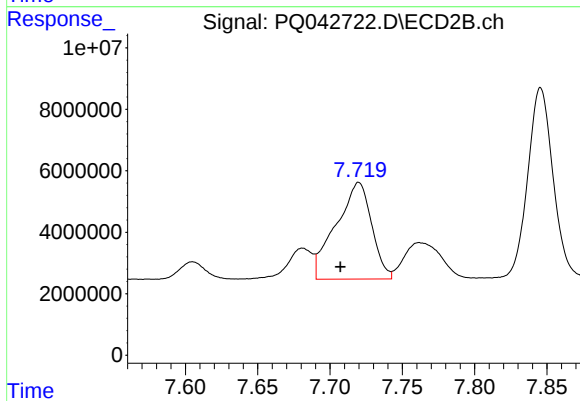
#27 AR-1254-2

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 30644804
Conc: 151.55 ng/ml



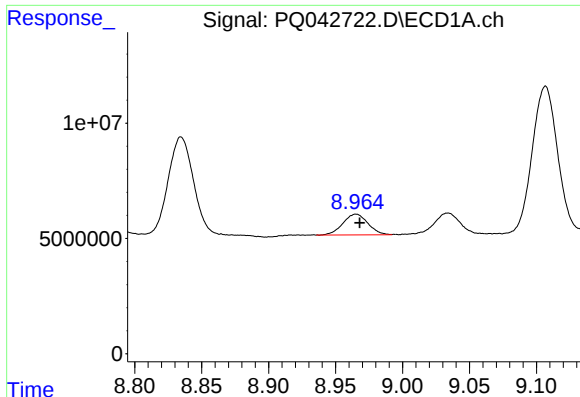
#28 AR-1254-3

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 18506299
Conc: 64.91 ng/ml



#28 AR-1254-3

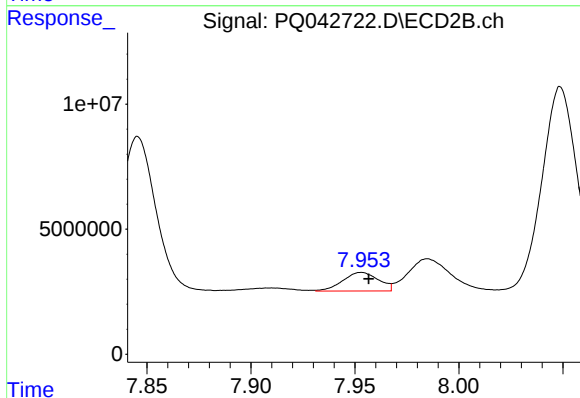
R.T.: 7.720 min
Delta R.T.: 0.013 min
Response: 53997587
Conc: 153.34 ng/ml



#29 AR-1254-4

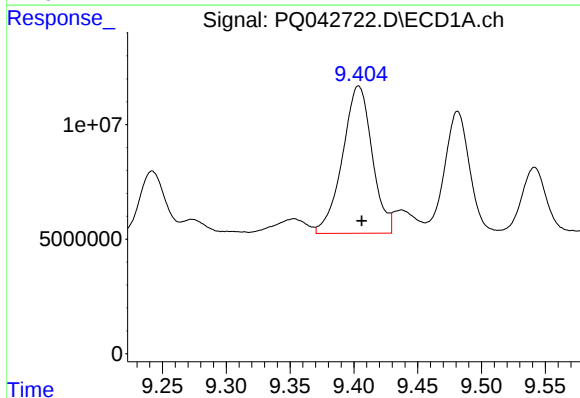
R.T.: 8.965 min
Delta R.T.: -0.003 min
Response: 11735001
Conc: 49.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



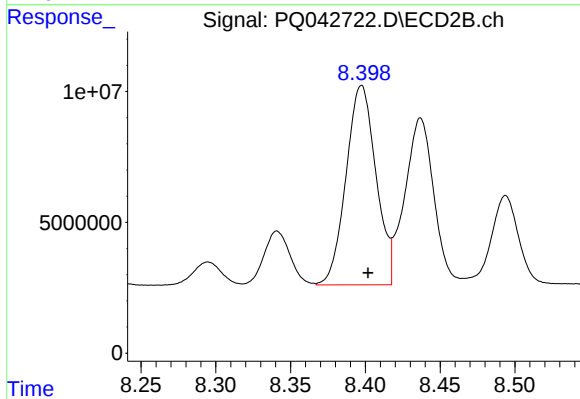
#29 AR-1254-4

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 8894142
Conc: 34.66 ng/ml



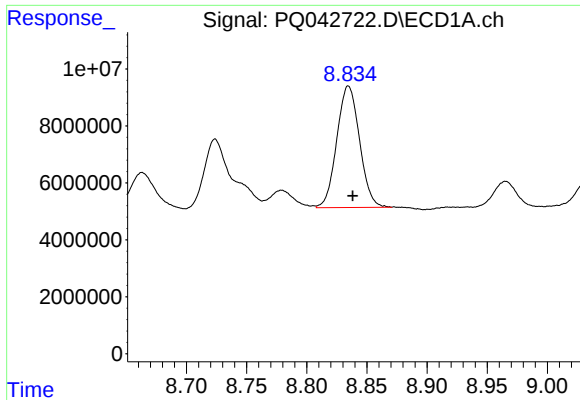
#30 AR-1254-5

R.T.: 9.404 min
Delta R.T.: -0.002 min
Response: 103968334
Conc: 402.67 ng/ml



#30 AR-1254-5

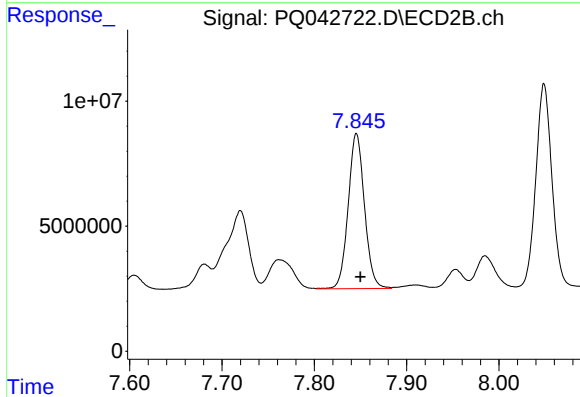
R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 106223488
Conc: 292.33 ng/ml



#31 AR-1260-1

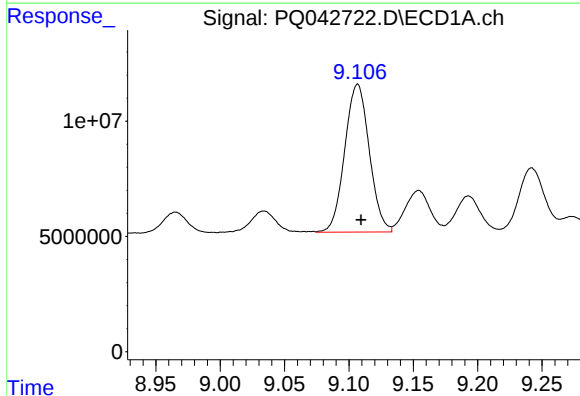
R.T.: 8.834 min
Delta R.T.: -0.004 min
Response: 56248923
Conc: 319.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



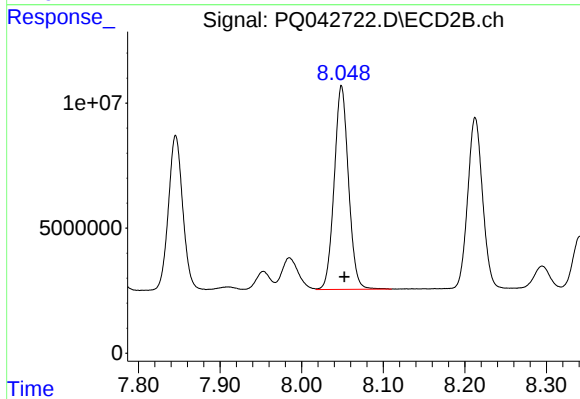
#31 AR-1260-1

R.T.: 7.846 min
Delta R.T.: -0.004 min
Response: 76014138
Conc: 372.57 ng/ml



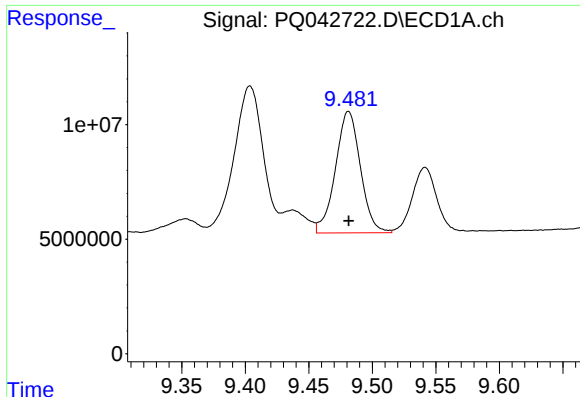
#32 AR-1260-2

R.T.: 9.107 min
Delta R.T.: -0.002 min
Response: 85257886
Conc: 354.71 ng/ml



#32 AR-1260-2

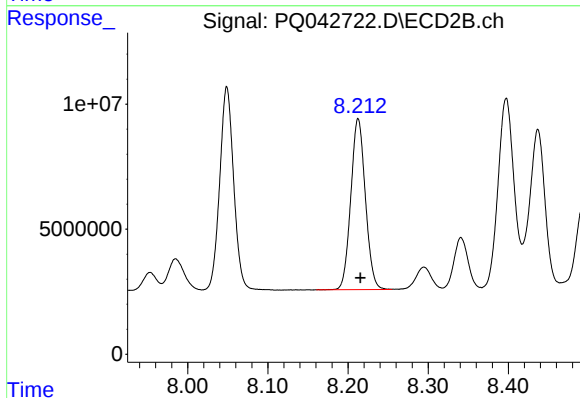
R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 99059423
Conc: 369.79 ng/ml



#33 AR-1260-3

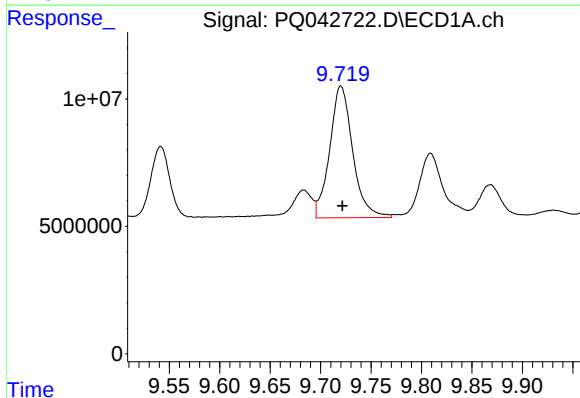
R.T.: 9.481 min
Delta R.T.: 0.000 min
Response: 72619571
Conc: 335.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



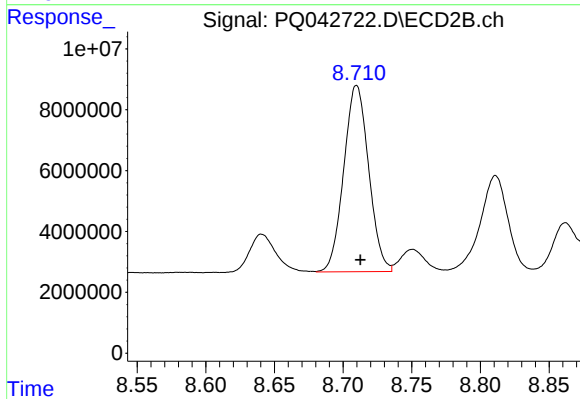
#33 AR-1260-3

R.T.: 8.213 min
Delta R.T.: -0.003 min
Response: 86314658
Conc: 362.12 ng/ml



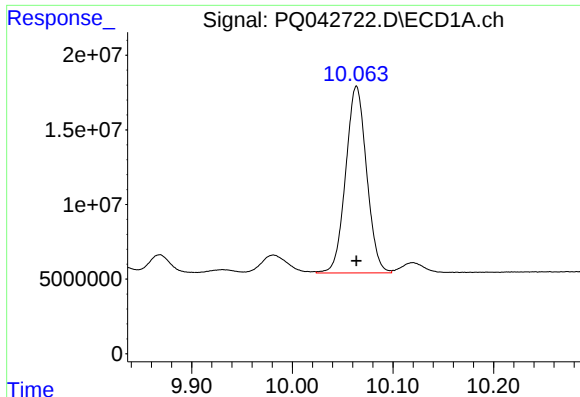
#34 AR-1260-4

R.T.: 9.720 min
Delta R.T.: -0.002 min
Response: 82198671
Conc: 338.51 ng/ml



#34 AR-1260-4

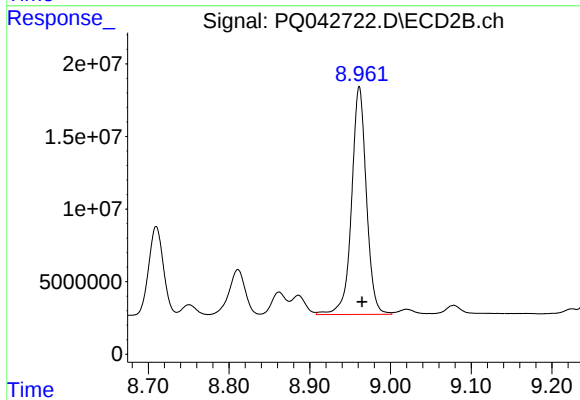
R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 77502132
Conc: 341.85 ng/ml



#35 AR-1260-5

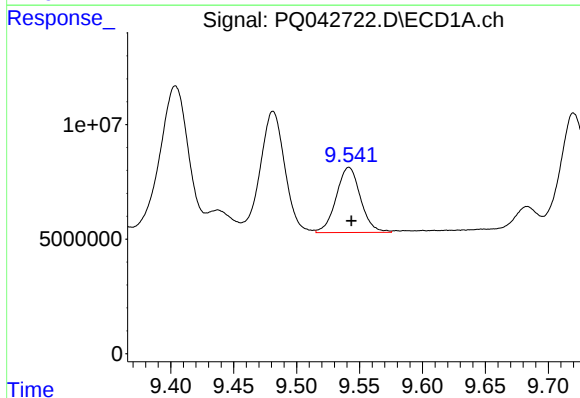
R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 180546758
Conc: 304.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



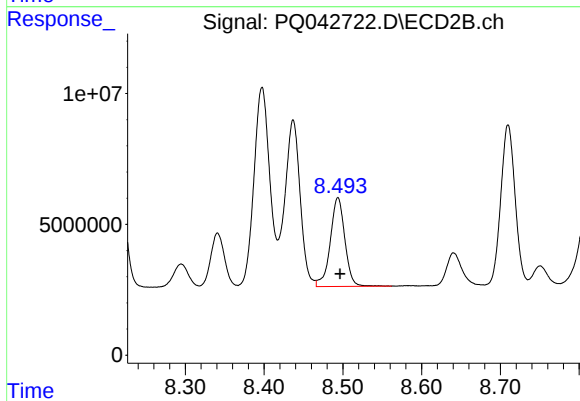
#35 AR-1260-5

R.T.: 8.961 min
Delta R.T.: -0.003 min
Response: 199888355
Conc: 320.96 ng/ml



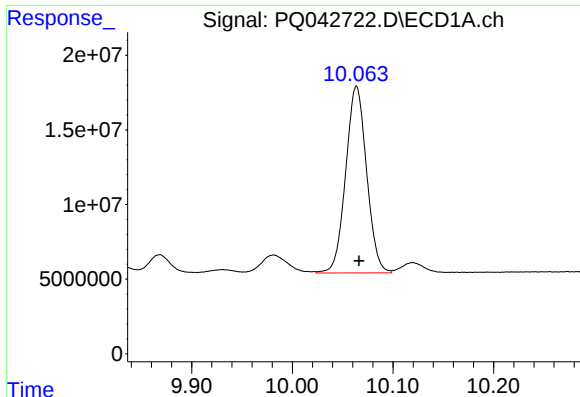
#36 AR-1262-1

R.T.: 9.542 min
Delta R.T.: -0.002 min
Response: 38180409
Conc: 264.89 ng/ml



#36 AR-1262-1

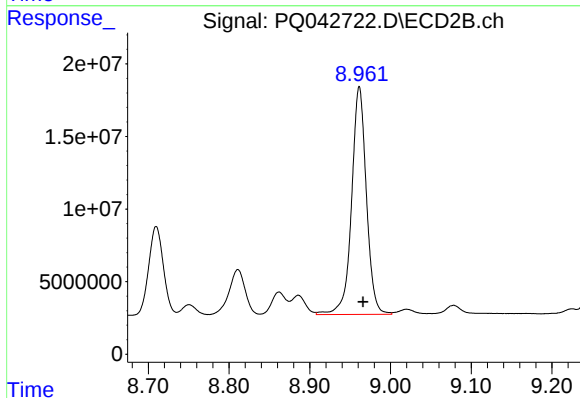
R.T.: 8.494 min
Delta R.T.: -0.003 min
Response: 43750713
Conc: 255.58 ng/ml



#37 AR-1262-2

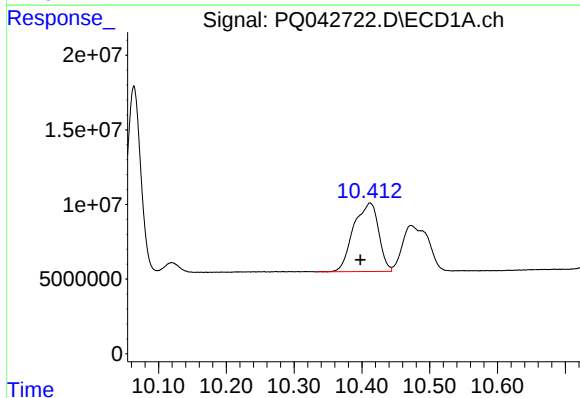
R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 180546758
Conc: 239.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



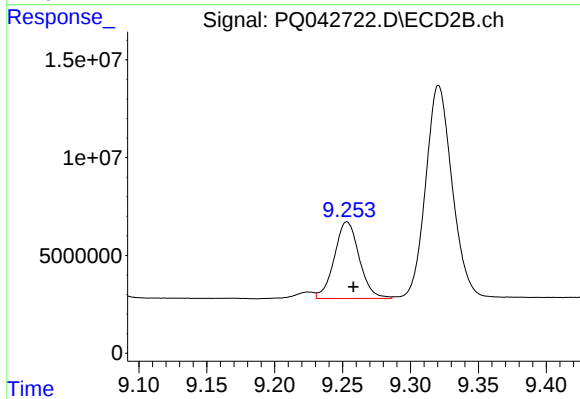
#37 AR-1262-2

R.T.: 8.961 min
Delta R.T.: -0.005 min
Response: 199888355
Conc: 239.27 ng/ml



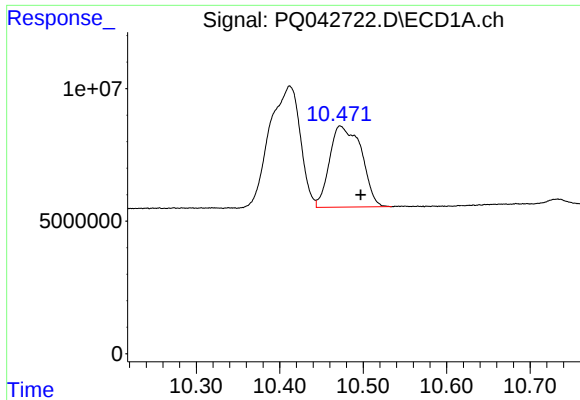
#38 AR-1262-3

R.T.: 10.412 min
Delta R.T.: 0.014 min
Response: 118106925
Conc: 219.61 ng/ml



#38 AR-1262-3

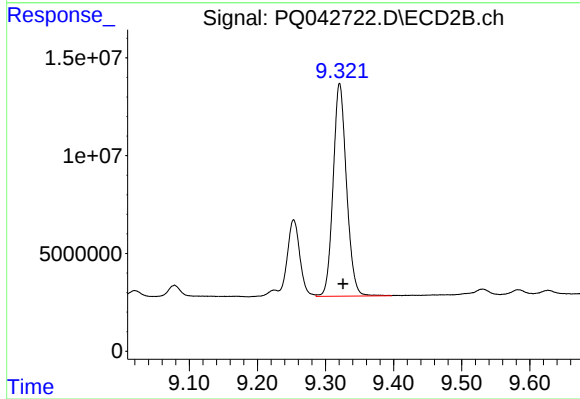
R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 50068927
Conc: 140.87 ng/ml



#39 AR-1262-4

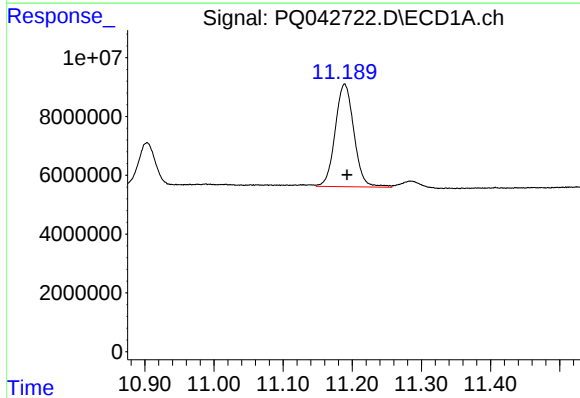
R.T.: 10.472 min
Delta R.T.: -0.025 min
Response: 81155683
Conc: 186.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



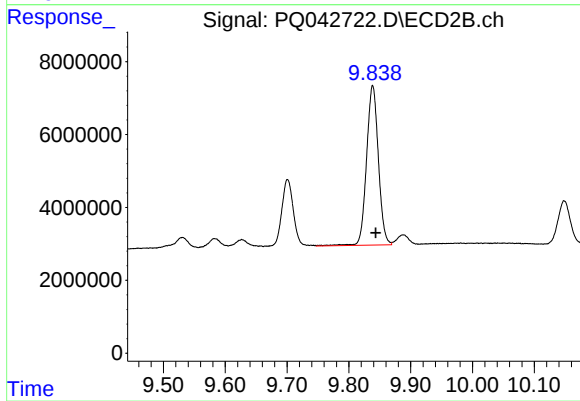
#39 AR-1262-4

R.T.: 9.321 min
Delta R.T.: -0.005 min
Response: 148421695
Conc: 230.18 ng/ml



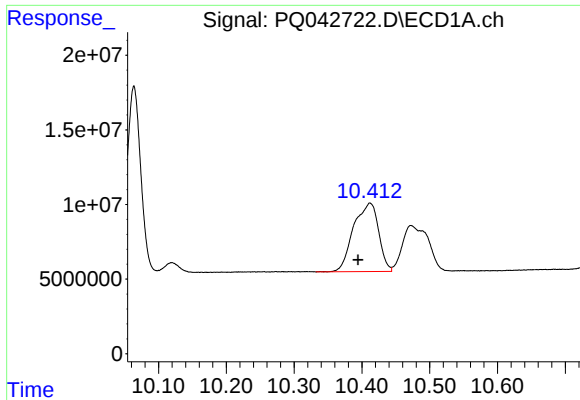
#40 AR-1262-5

R.T.: 11.189 min
Delta R.T.: -0.004 min
Response: 65627323
Conc: 191.33 ng/ml



#40 AR-1262-5

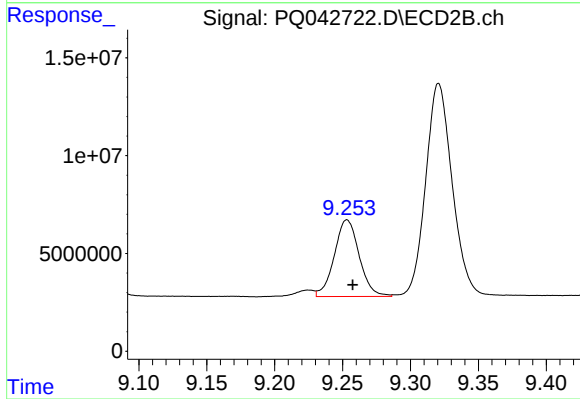
R.T.: 9.839 min
Delta R.T.: -0.005 min
Response: 58080192
Conc: 183.60 ng/ml



#41 AR-1268-1

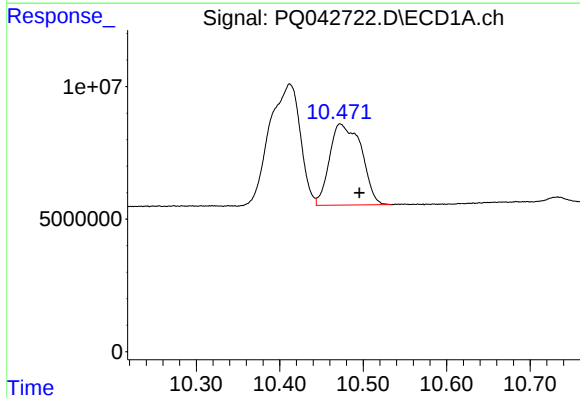
R.T.: 10.412 min
Delta R.T.: 0.018 min
Response: 118106925
Conc: 123.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



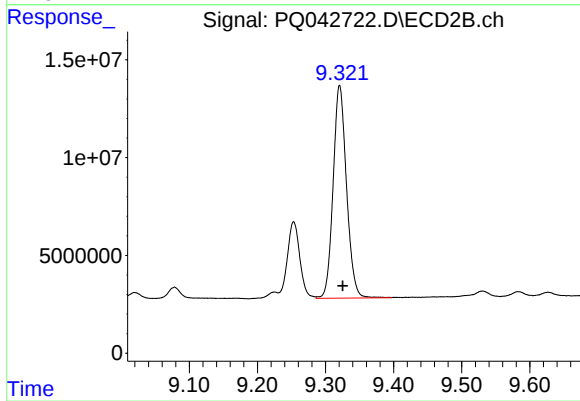
#41 AR-1268-1

R.T.: 9.253 min
Delta R.T.: -0.004 min
Response: 50068927
Conc: 49.88 ng/ml



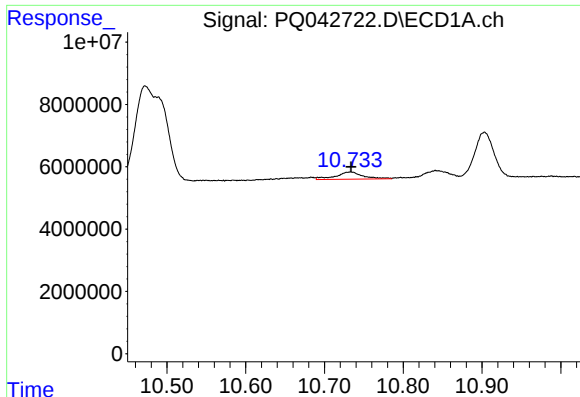
#42 AR-1268-2

R.T.: 10.472 min
Delta R.T.: -0.023 min
Response: 81155683
Conc: 87.14 ng/ml



#42 AR-1268-2

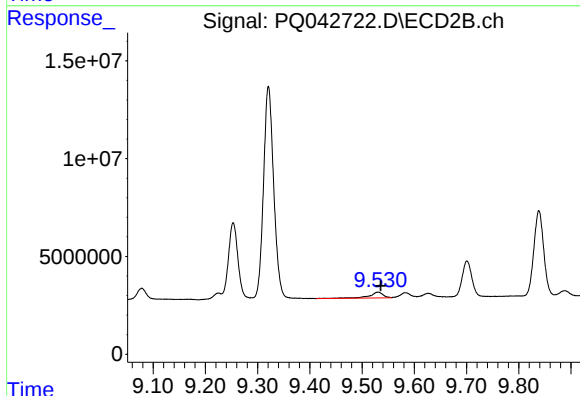
R.T.: 9.321 min
Delta R.T.: -0.004 min
Response: 148421695
Conc: 158.06 ng/ml



#43 AR-1268-3

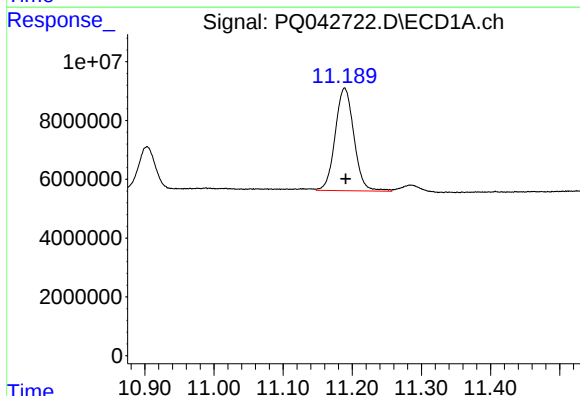
R.T.: 10.733 min
Delta R.T.: 0.000 min
Response: 5610792
Conc: 6.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



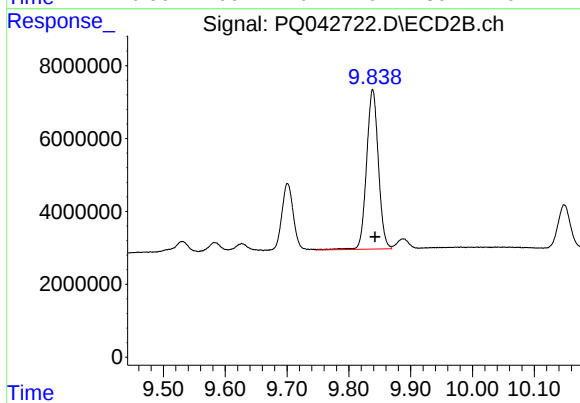
#43 AR-1268-3

R.T.: 9.531 min
Delta R.T.: -0.005 min
Response: 5823209
Conc: 7.31 ng/ml



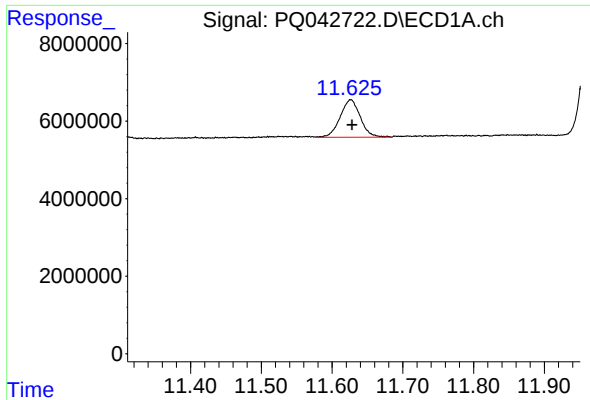
#44 AR-1268-4

R.T.: 11.189 min
Delta R.T.: -0.002 min
Response: 65627323
Conc: 176.87 ng/ml



#44 AR-1268-4

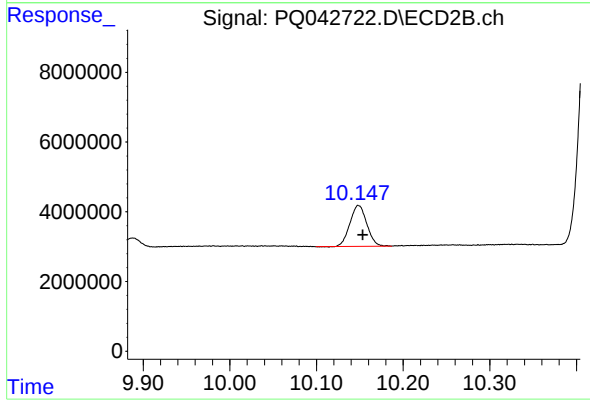
R.T.: 9.839 min
Delta R.T.: -0.004 min
Response: 58080192
Conc: 169.71 ng/ml



#45 AR-1268-5

R.T.: 11.627 min
Delta R.T.: -0.002 min
Response: 19152502
Conc: 6.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.149 min
Delta R.T.: -0.005 min
Response: 15881958
Conc: 6.20 ng/ml