

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 13:01
 Operator : SM\AJ
 Sample : K3981-16
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:46:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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	4.759	58310682	48935602	15.232	16.279
2)	SA Decachlor...	12.107	10.522	273.0E6	138.9E6	26.395	30.473
Target Compounds							
3)	L1 AR-1016-1	7.147	6.235	134.9E6	724.2E6	772.816	4949.844 #
4)	L1 AR-1016-2	7.173	6.235	749.8E6	724.2E6	2843.076	3479.480
5)	L1 AR-1016-3	7.254	6.450	53941777	328.1E6	333.440	2905.842 #
6)	L1 AR-1016-4	7.355	6.504	367.6E6	879.2E6	2727.724	9643.896 #
7)	L1 AR-1016-5	7.690	6.756	1352.5E6	1232.7E6	10163.823	10257.382
10)	L2 AR-1221-3	0.000	5.352	0	2778347	N.D.	26.225 #
11)	L3 AR-1232-1	0.000	5.352	0	2778347	N.D.	36.623 #
12)	L3 AR-1232-2	6.831	6.235	139.3E6	724.2E6	2820.146	7752.321 #
13)	L3 AR-1232-3	7.173	6.450	749.8E6	328.1E6	6624.609	6816.252
14)	L3 AR-1232-4	7.355	6.552	367.6E6	844.7E6	6219.339	19591.932 #
15)	L3 AR-1232-5	7.462	6.756	926.3E6	1232.7E6	25099.063	25484.773
16)	L4 AR-1242-1	7.147	6.235	134.9E6	724.2E6	1076.818	6862.196 #
17)	L4 AR-1242-2	7.173	6.235	749.8E6	724.2E6	3937.221	4670.415
18)	L4 AR-1242-3	7.254	6.450	53941777	328.1E6	456.230	3931.418 #
19)	L4 AR-1242-4	7.355	6.552	367.6E6	844.7E6	3750.461	10370.791 #
20)	L4 AR-1242-5	8.179	7.165	2121.4E6	1540.7E6	16001.674	12342.176
21)	L5 AR-1248-1	7.147	6.235	134.9E6	724.2E6	1454.114	9016.964 #
22)	L5 AR-1248-2	7.462	6.504	926.3E6	879.2E6	7527.166	7848.846
23)	L5 AR-1248-3	7.690	6.552	1352.5E6	844.7E6	8612.695	7318.007
24)	L5 AR-1248-4	8.139	6.756	1308.7E6	1232.7E6	6058.421	8515.984 #
25)	L5 AR-1248-5	8.179	7.212	2121.4E6	1703.6E6	9961.750	10123.454
26)	L6 AR-1254-1	8.107	7.165	1295.6E6	1540.7E6	6391.871	6058.348
27)	L6 AR-1254-2	8.349	7.333	1890.0E6	643.5E6	5471.952	2812.649 #
28)	L6 AR-1254-3	8.739	7.781	1242.0E6	1197.1E6	2997.289	2949.338
29)	L6 AR-1254-4	9.043	8.029	948.6E6	819.1E6	2621.025	2998.133
30)	L6 AR-1254-5	9.481	8.476	637.3E6	514.7E6	1587.281	1289.180
31)	L7 AR-1260-1	8.913	7.938	241.9E6	591.7E6	800.704	2224.682 #
32)	L7 AR-1260-2	9.181	8.125	409.9E6	207.9E6	894.333	572.926 #
33)	L7 AR-1260-3	9.556	8.290	132.0E6	214.4E6	310.940	682.893 #
34)	L7 AR-1260-4	9.794	8.789	249.6E6	85284603	593.059	299.581 #
35)	L7 AR-1260-5	10.150	9.041	300.1E6	298.2E6	280.852	401.039 #
36)	L8 AR-1262-1	9.620	8.572	53162149	57552175	216.533	299.222 #
37)	L8 AR-1262-2	10.150	9.041	300.1E6	298.2E6	247.122	354.943 #
38)	L8 AR-1262-3	10.505	9.334	205.0E6	42348825	246.029	120.405 #
39)	L8 AR-1262-4	10.563	9.400	104.3E6	172.0E6	160.065	292.581 #
40)	L8 AR-1262-5	11.295	9.925	97038370	57553393	212.281	239.852
41)	L9 AR-1268-1	10.505	9.334	205.0E6	42348825	113.618	37.064 #
42)	L9 AR-1268-2	10.563	9.400	104.3E6	172.0E6	65.351	176.952 #
43)	L9 AR-1268-3	10.829	9.615	5864694	4390650	4.172	5.500 #

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 Data File : PQ041535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 13:01
 Operator : SM\AJ
 Sample : K3981-16
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

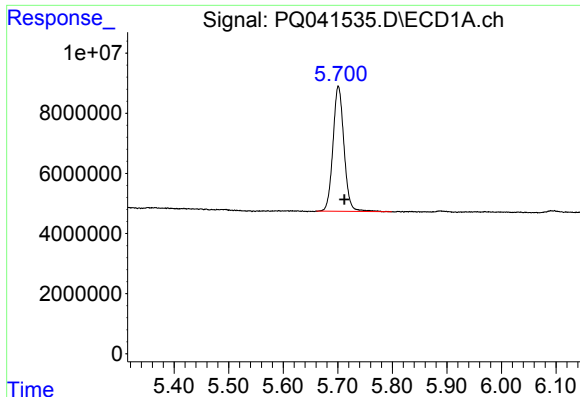
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:46:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.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
44) L9	AR-1268-4	11.295	9.925	97038370	57553393	170.949	187.548
45) L9	AR-1268-5	11.741	10.243	27655778	16810786	6.384	8.508 #

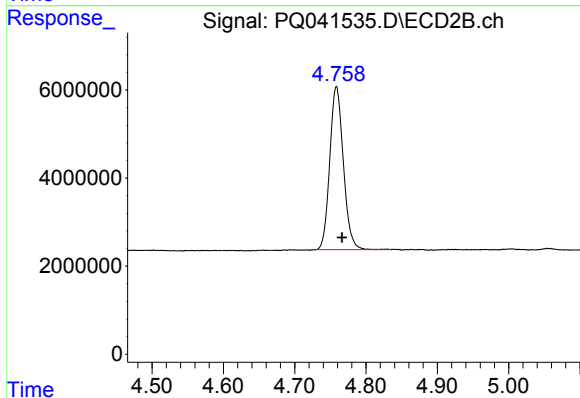
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

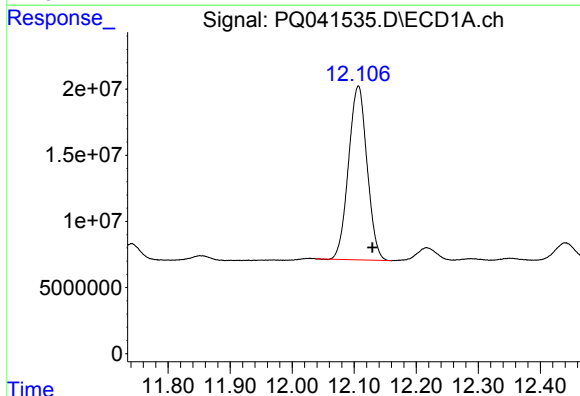
R.T.: 5.701 min
Delta R.T.: -0.011 min
Response: 58310682
Conc: 15.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



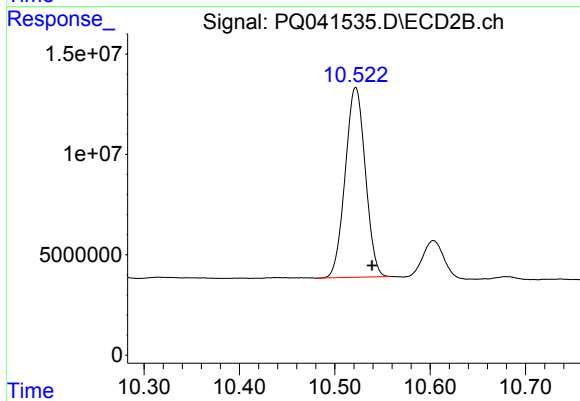
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.008 min
Response: 48935602
Conc: 16.28 ng/ml



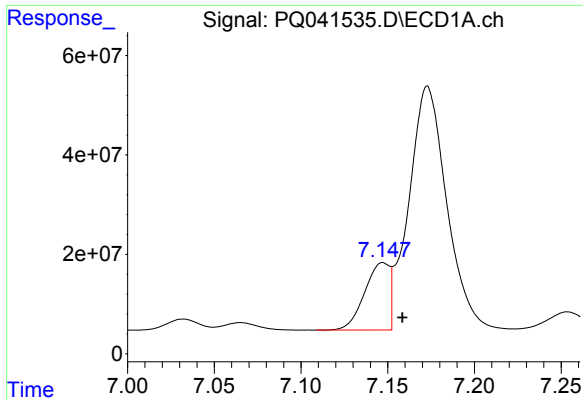
#2 Decachlorobiphenyl

R.T.: 12.107 min
Delta R.T.: -0.023 min
Response: 273027650
Conc: 26.40 ng/ml



#2 Decachlorobiphenyl

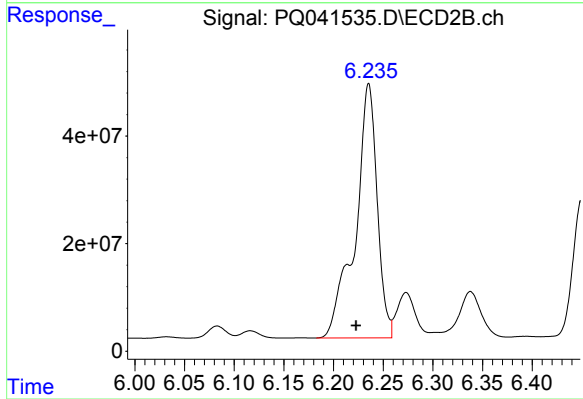
R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 138855725
Conc: 30.47 ng/ml



#3 AR-1016-1

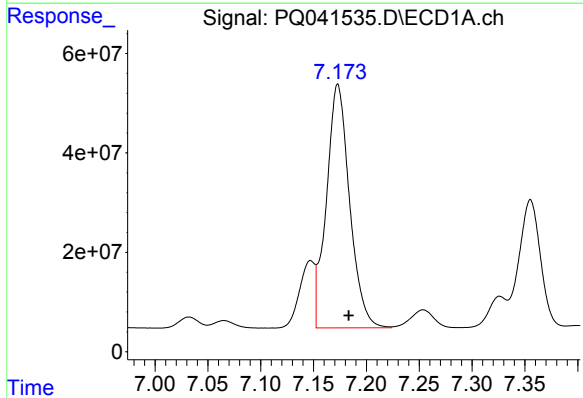
R.T.: 7.147 min
Delta R.T.: -0.011 min
Response: 134881206
Conc: 772.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



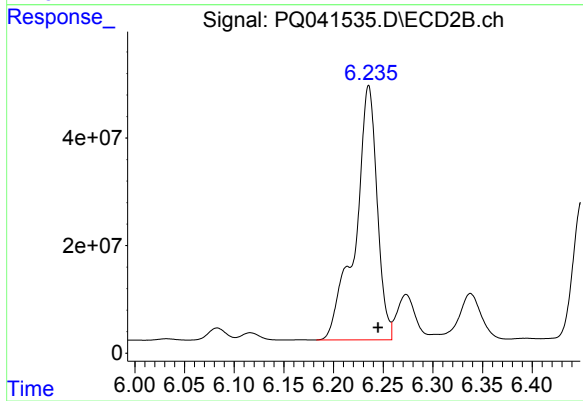
#3 AR-1016-1

R.T.: 6.235 min
Delta R.T.: 0.013 min
Response: 724225533
Conc: 4949.84 ng/ml



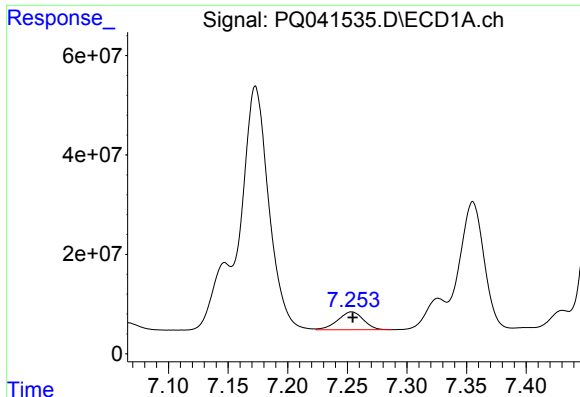
#4 AR-1016-2

R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 749780352
Conc: 2843.08 ng/ml



#4 AR-1016-2

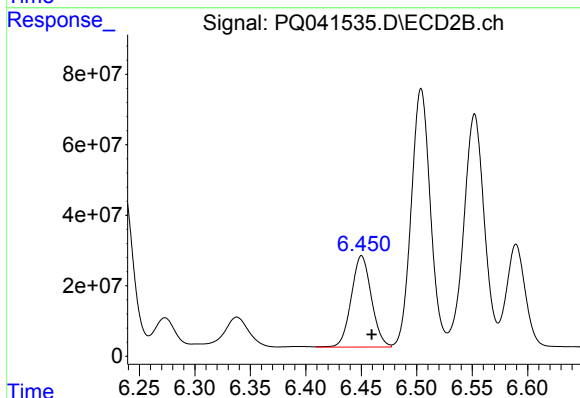
R.T.: 6.235 min
Delta R.T.: -0.009 min
Response: 724225533
Conc: 3479.48 ng/ml



#5 AR-1016-3

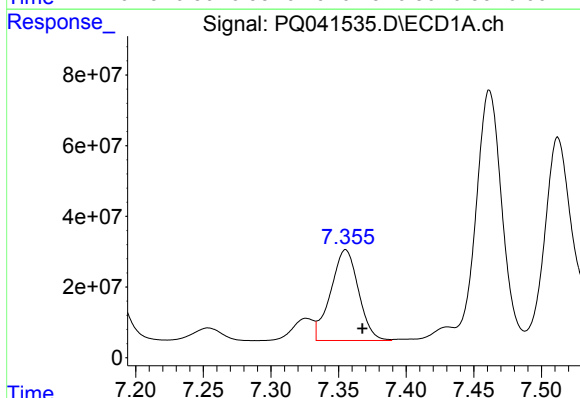
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 53941777
Conc: 333.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



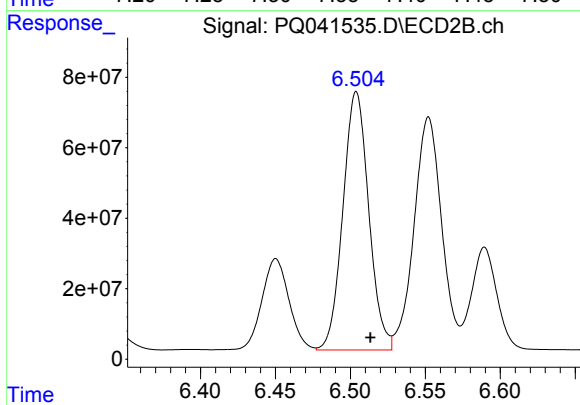
#5 AR-1016-3

R.T.: 6.450 min
Delta R.T.: -0.009 min
Response: 328087106
Conc: 2905.84 ng/ml



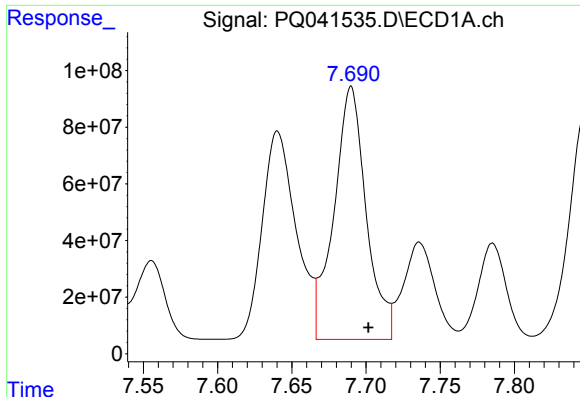
#6 AR-1016-4

R.T.: 7.355 min
Delta R.T.: -0.013 min
Response: 367612331
Conc: 2727.72 ng/ml



#6 AR-1016-4

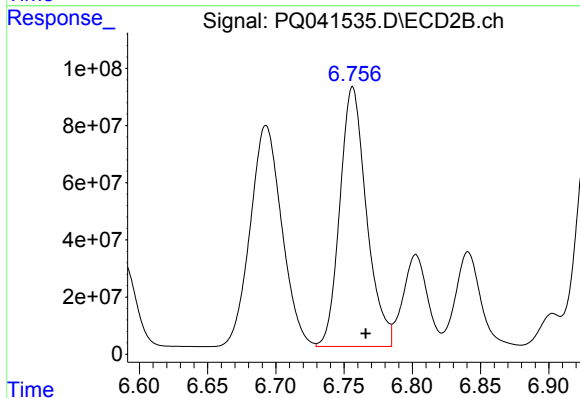
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 879188290
Conc: 9643.90 ng/ml



#7 AR-1016-5

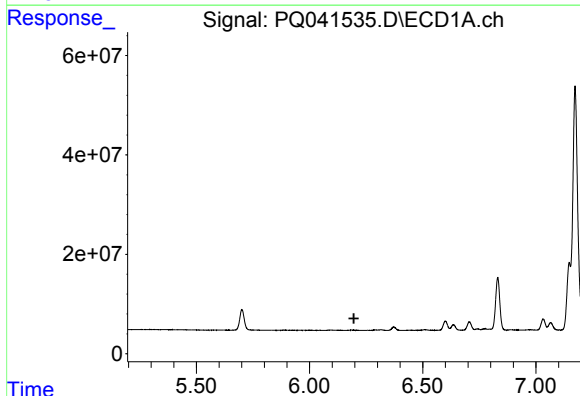
R.T.: 7.690 min
Delta R.T.: -0.012 min
Response: 1352498972
Conc: 10163.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



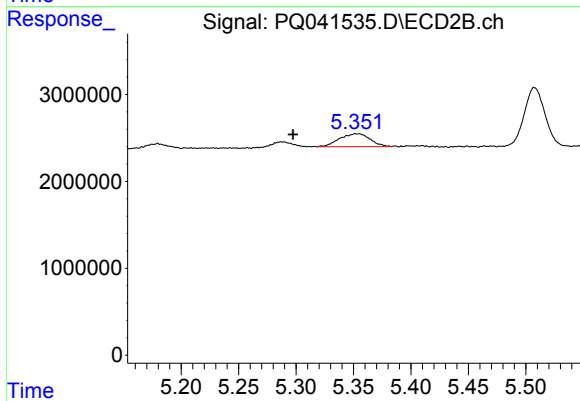
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 1232738848
Conc: 10257.38 ng/ml



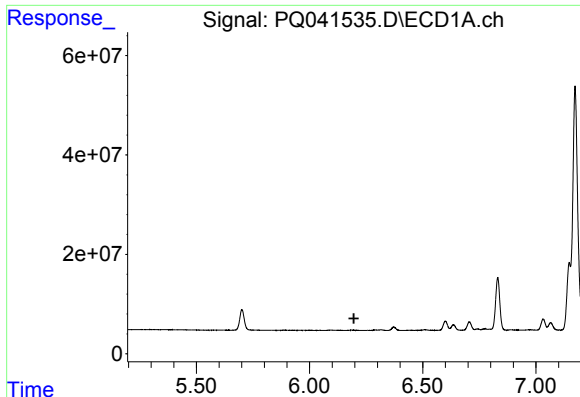
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

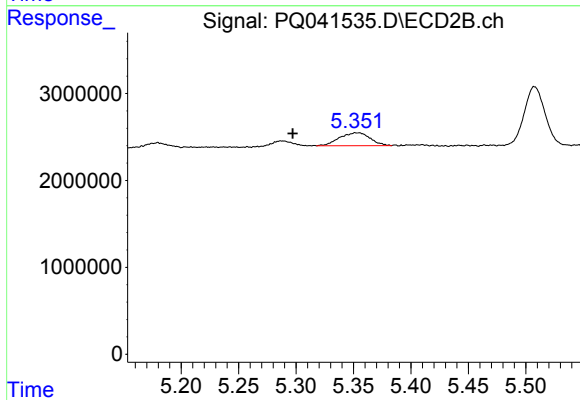
R.T.: 5.352 min
Delta R.T.: 0.054 min
Response: 2778347
Conc: 26.22 ng/ml



#11 AR-1232-1

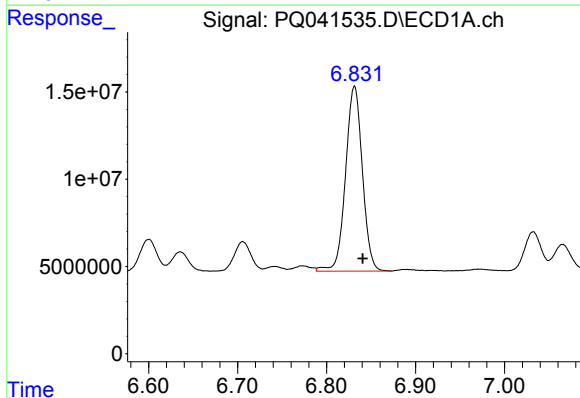
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



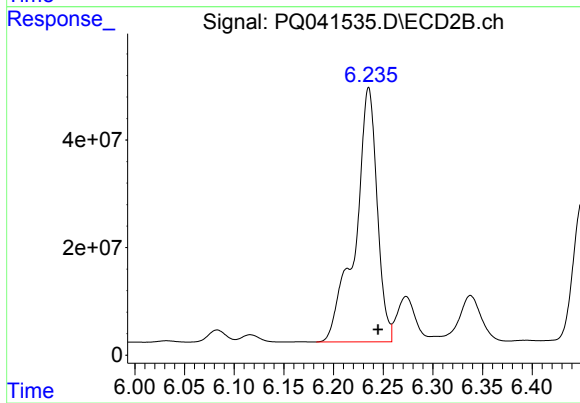
#11 AR-1232-1

R.T.: 5.352 min
Delta R.T.: 0.055 min
Response: 2778347
Conc: 36.62 ng/ml



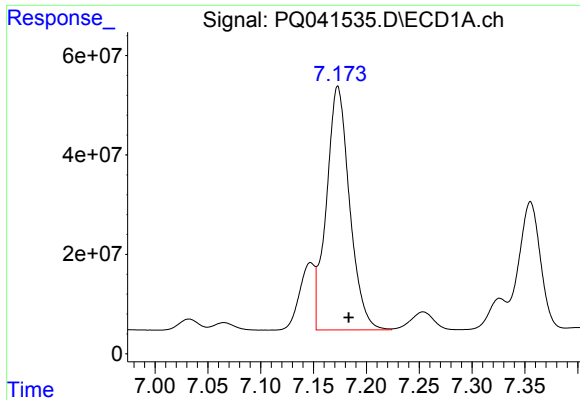
#12 AR-1232-2

R.T.: 6.831 min
Delta R.T.: -0.009 min
Response: 139257842
Conc: 2820.15 ng/ml



#12 AR-1232-2

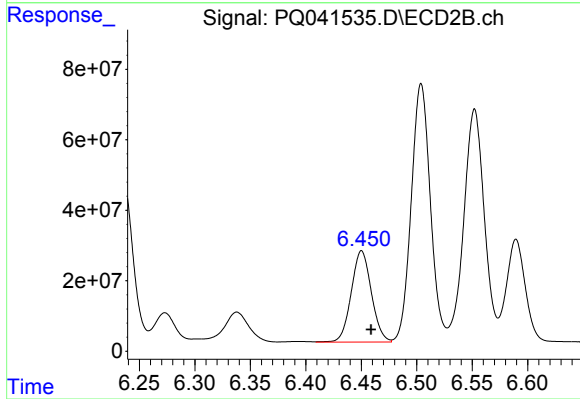
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 724225533
Conc: 7752.32 ng/ml



#13 AR-1232-3

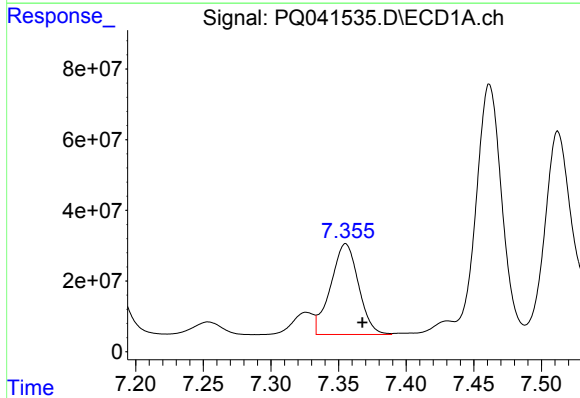
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 749780352
Conc: 6624.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



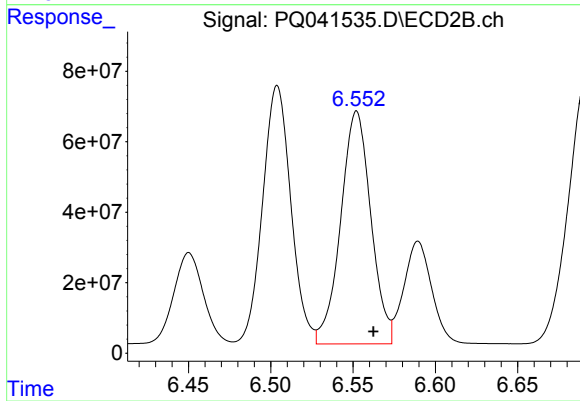
#13 AR-1232-3

R.T.: 6.450 min
Delta R.T.: -0.009 min
Response: 328087106
Conc: 6816.25 ng/ml



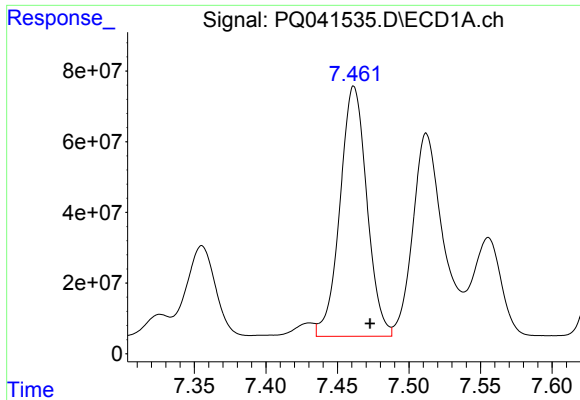
#14 AR-1232-4

R.T.: 7.355 min
Delta R.T.: -0.013 min
Response: 367612331
Conc: 6219.34 ng/ml



#14 AR-1232-4

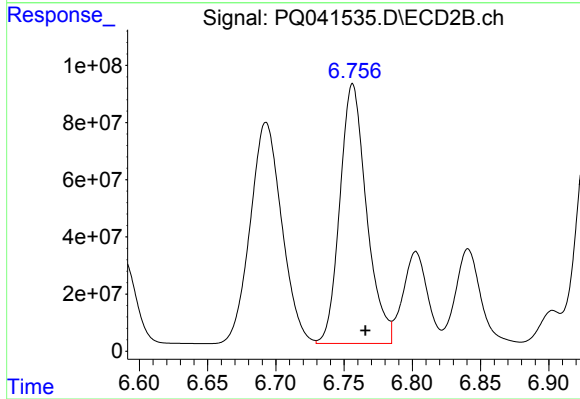
R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 844699783
Conc: 19591.93 ng/ml



#15 AR-1232-5

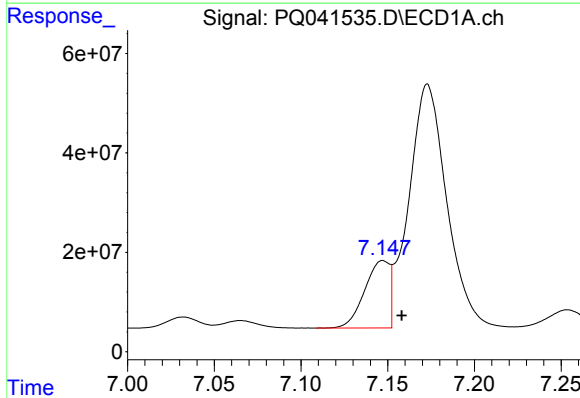
R.T.: 7.462 min
Delta R.T.: -0.011 min
Response: 926278283
Conc: 25099.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



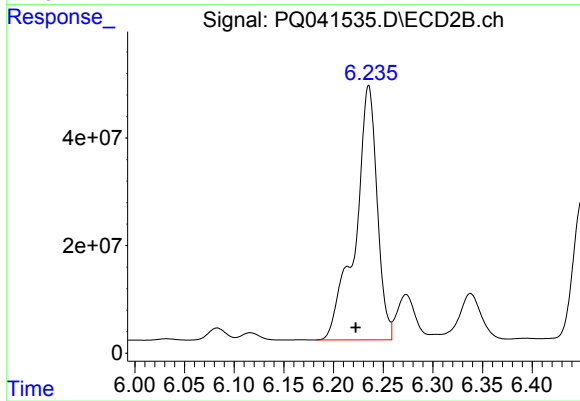
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 1232738848
Conc: 25484.77 ng/ml



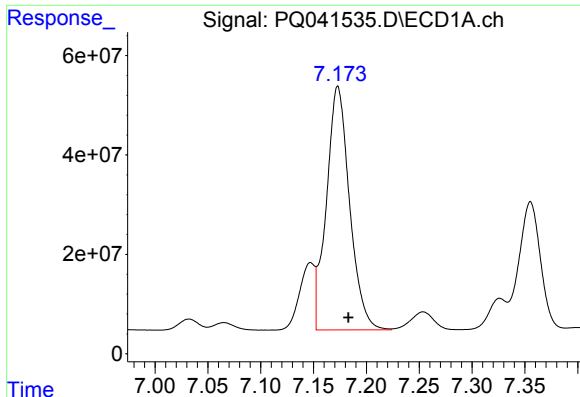
#16 AR-1242-1

R.T.: 7.147 min
Delta R.T.: -0.011 min
Response: 134881206
Conc: 1076.82 ng/ml



#16 AR-1242-1

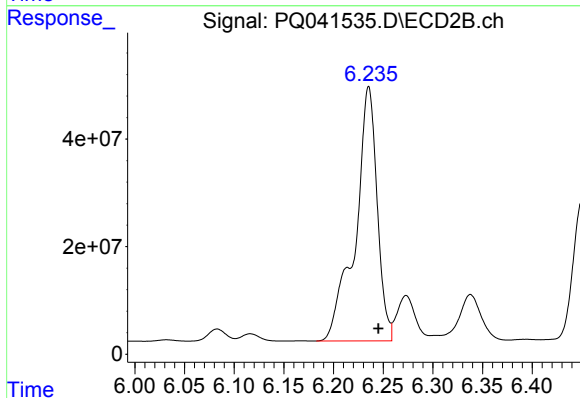
R.T.: 6.235 min
Delta R.T.: 0.013 min
Response: 724225533
Conc: 6862.20 ng/ml



#17 AR-1242-2

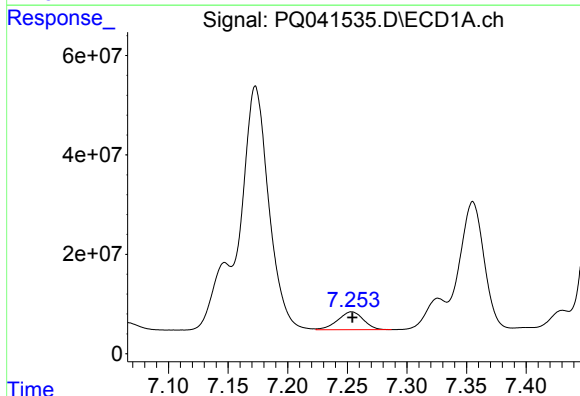
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 749780352
Conc: 3937.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



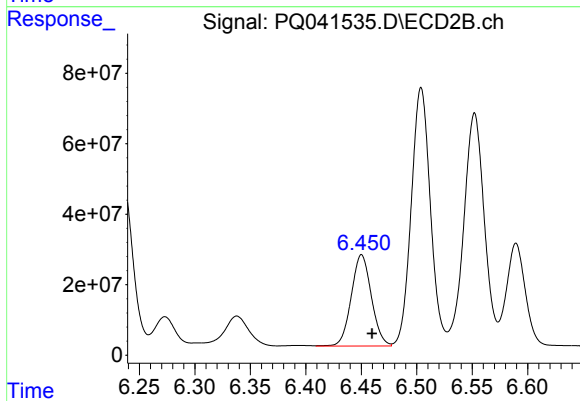
#17 AR-1242-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 724225533
Conc: 4670.41 ng/ml



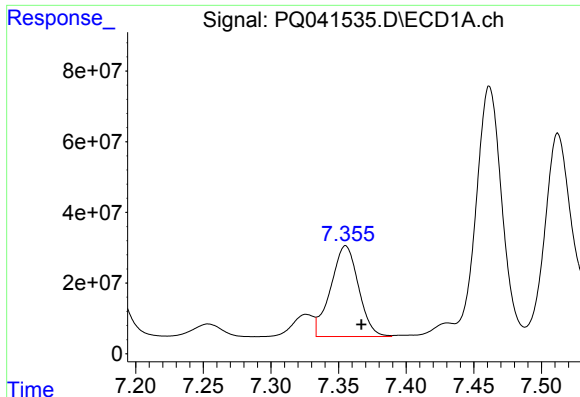
#18 AR-1242-3

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 53941777
Conc: 456.23 ng/ml



#18 AR-1242-3

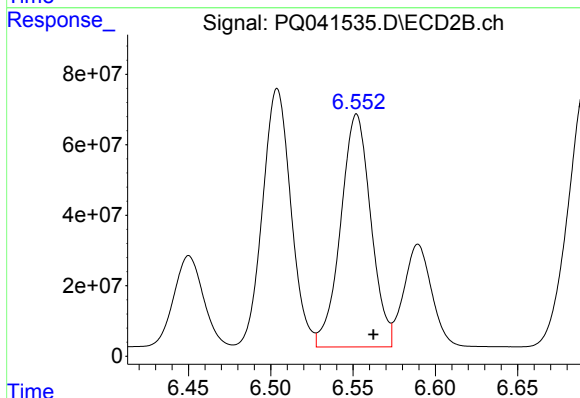
R.T.: 6.450 min
Delta R.T.: -0.009 min
Response: 328087106
Conc: 3931.42 ng/ml



#19 AR-1242-4

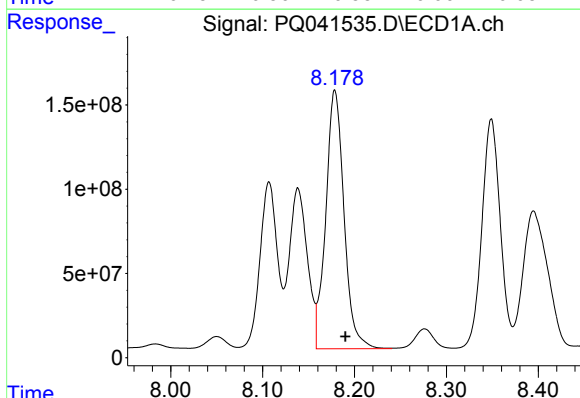
R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 367612331
Conc: 3750.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



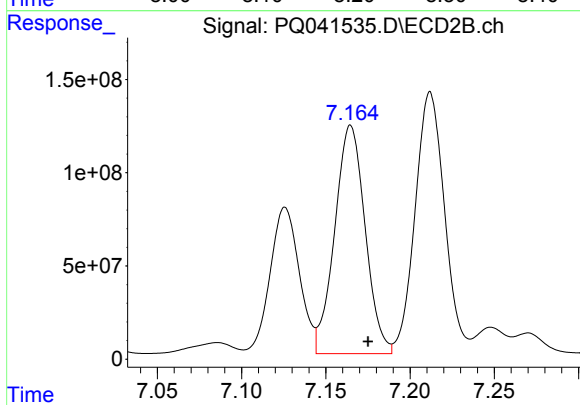
#19 AR-1242-4

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 844699783
Conc: 10370.79 ng/ml



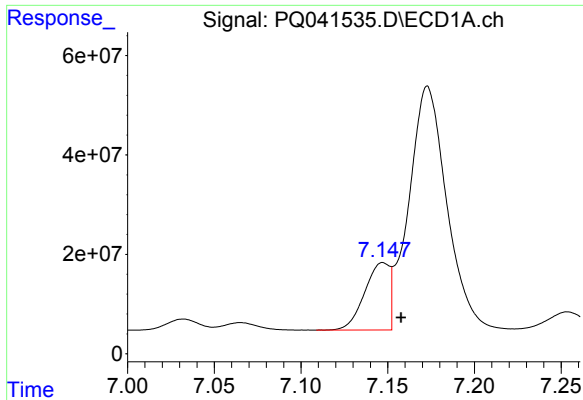
#20 AR-1242-5

R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 2121447491
Conc: 16001.67 ng/ml



#20 AR-1242-5

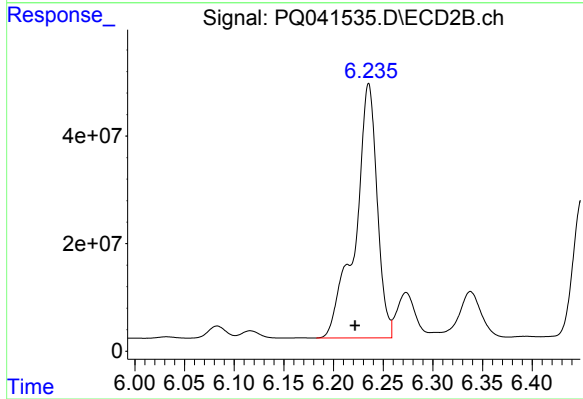
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 1540668650
Conc: 12342.18 ng/ml



#21 AR-1248-1

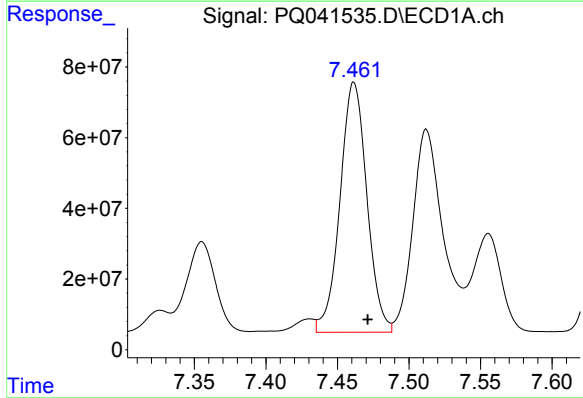
R.T.: 7.147 min
Delta R.T.: -0.010 min
Response: 134881206
Conc: 1454.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



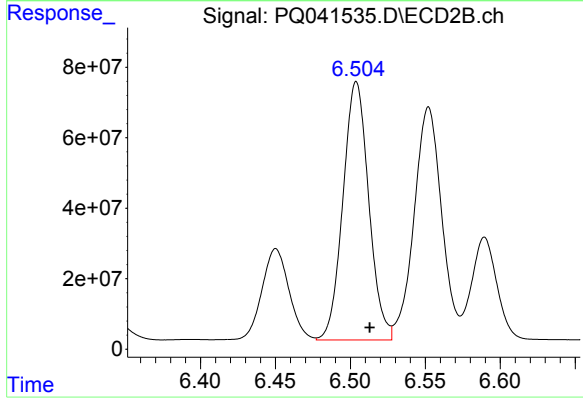
#21 AR-1248-1

R.T.: 6.235 min
Delta R.T.: 0.014 min
Response: 724225533
Conc: 9016.96 ng/ml



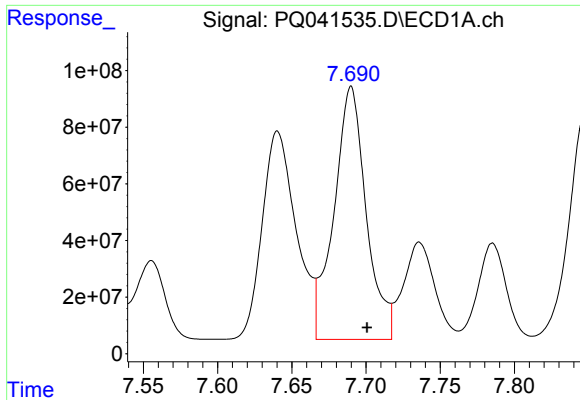
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: -0.010 min
Response: 926278283
Conc: 7527.17 ng/ml



#22 AR-1248-2

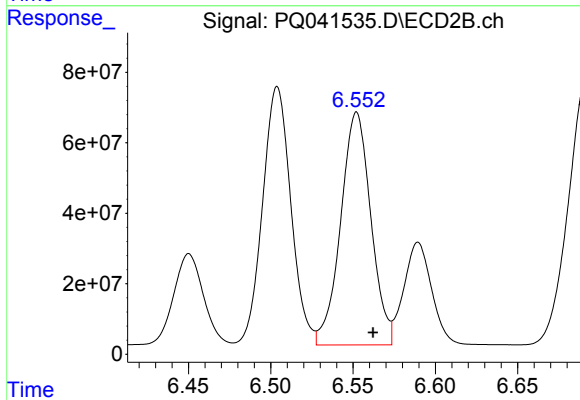
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 879188290
Conc: 7848.85 ng/ml



#23 AR-1248-3

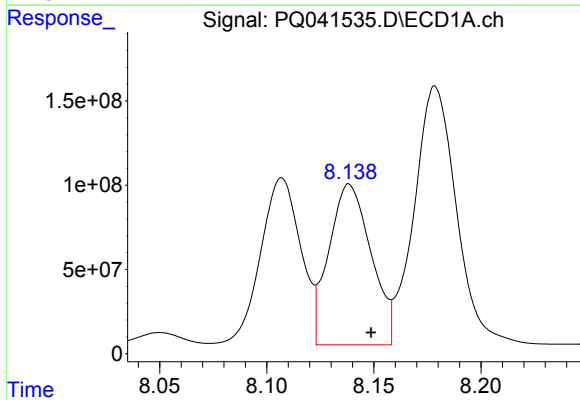
R.T.: 7.690 min
Delta R.T.: -0.011 min
Response: 1352498972
Conc: 8612.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



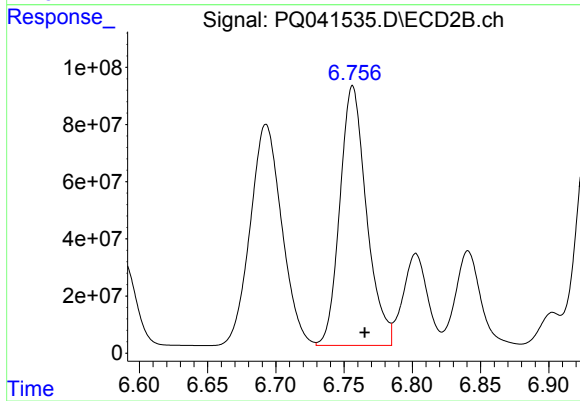
#23 AR-1248-3

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 844699783
Conc: 7318.01 ng/ml



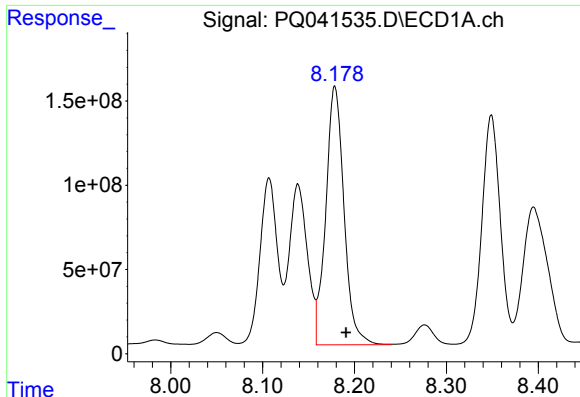
#24 AR-1248-4

R.T.: 8.139 min
Delta R.T.: -0.010 min
Response: 1308673861
Conc: 6058.42 ng/ml



#24 AR-1248-4

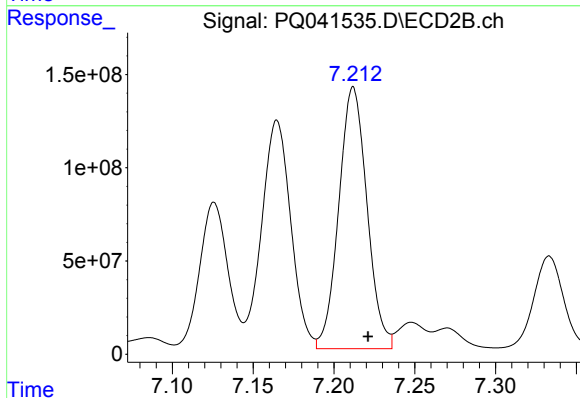
R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 1232738848
Conc: 8515.98 ng/ml



#25 AR-1248-5

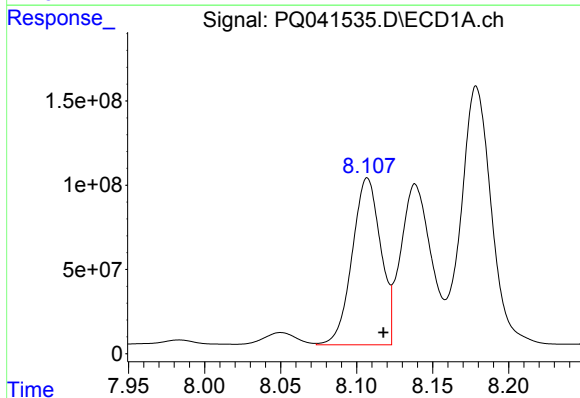
R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 2121447491
Conc: 9961.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



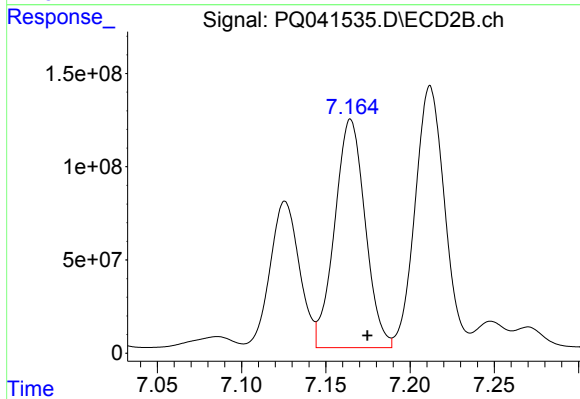
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 1703592257
Conc: 10123.45 ng/ml



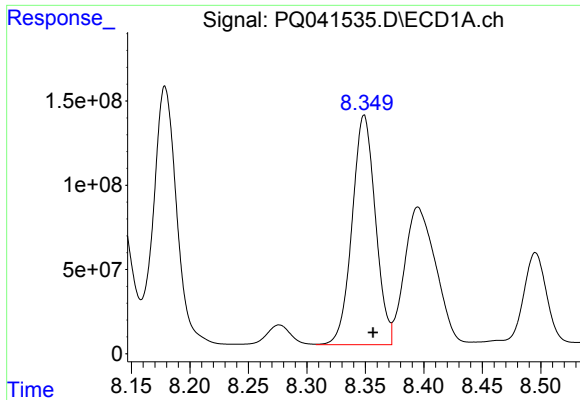
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 1295642553
Conc: 6391.87 ng/ml



#26 AR-1254-1

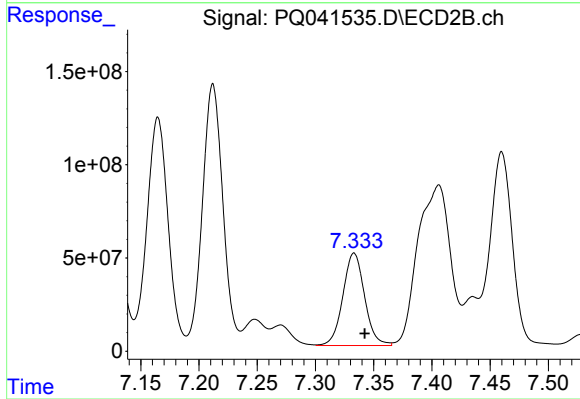
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 1540668650
Conc: 6058.35 ng/ml



#27 AR-1254-2

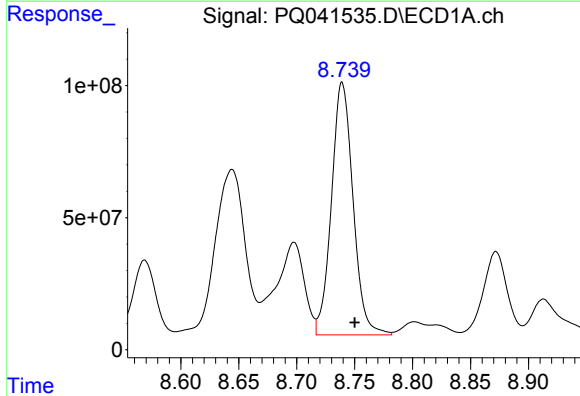
R.T.: 8.349 min
Delta R.T.: -0.008 min
Response: 1889977715
Conc: 5471.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



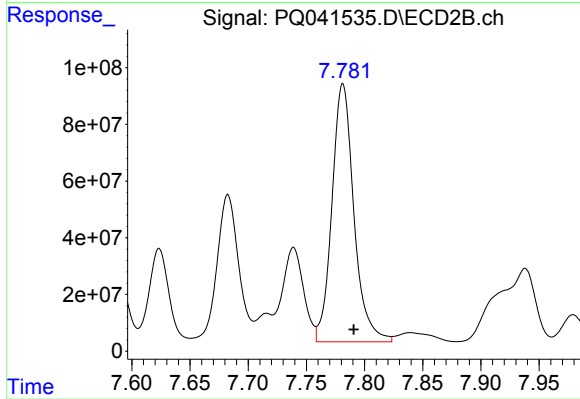
#27 AR-1254-2

R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 643499488
Conc: 2812.65 ng/ml



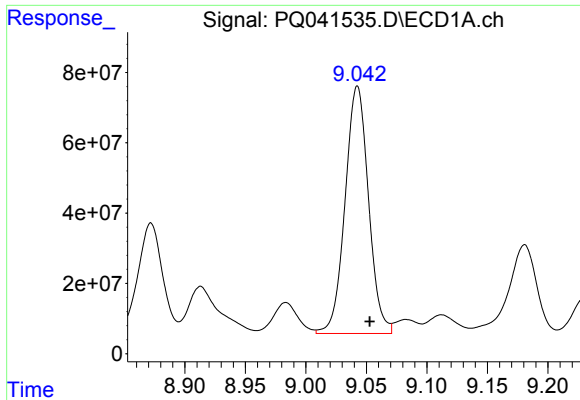
#28 AR-1254-3

R.T.: 8.739 min
Delta R.T.: -0.011 min
Response: 1242032200
Conc: 2997.29 ng/ml



#28 AR-1254-3

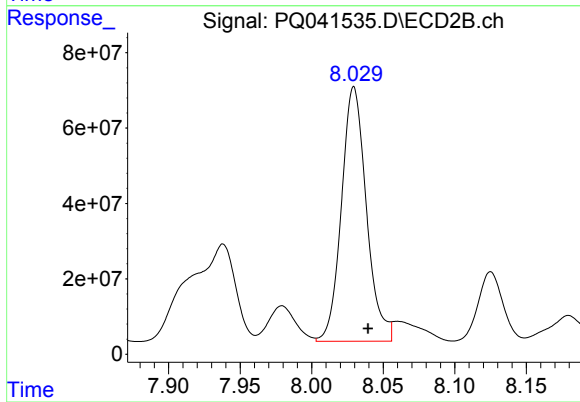
R.T.: 7.781 min
Delta R.T.: -0.010 min
Response: 1197104887
Conc: 2949.34 ng/ml



#29 AR-1254-4

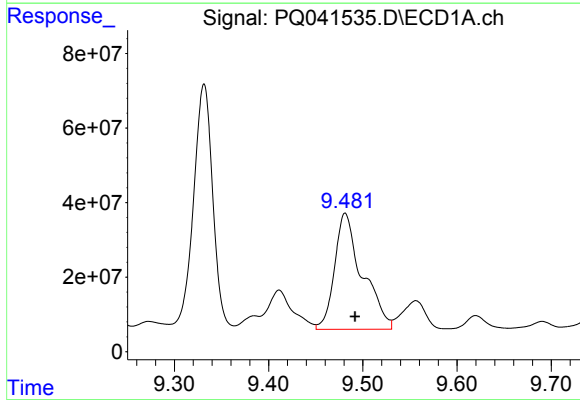
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 948618491
Conc: 2621.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



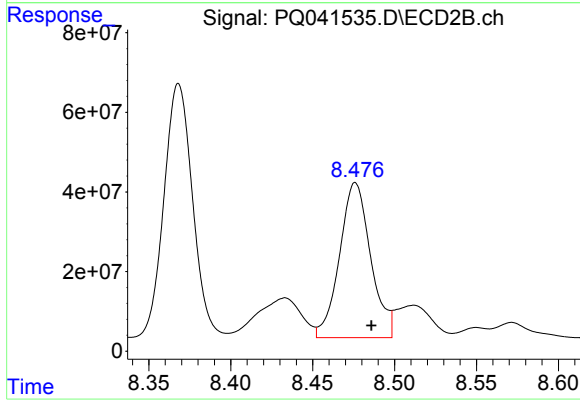
#29 AR-1254-4

R.T.: 8.029 min
Delta R.T.: -0.010 min
Response: 819063194
Conc: 2998.13 ng/ml



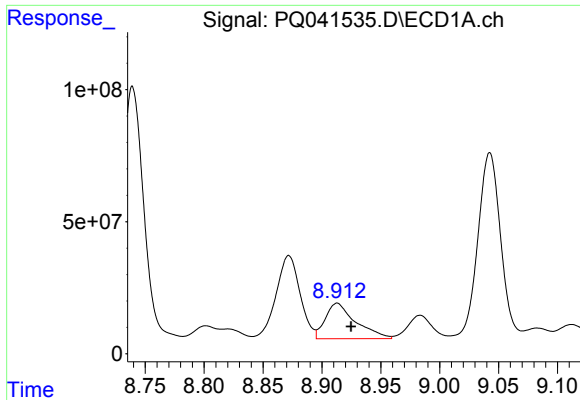
#30 AR-1254-5

R.T.: 9.481 min
Delta R.T.: -0.010 min
Response: 637340111
Conc: 1587.28 ng/ml



#30 AR-1254-5

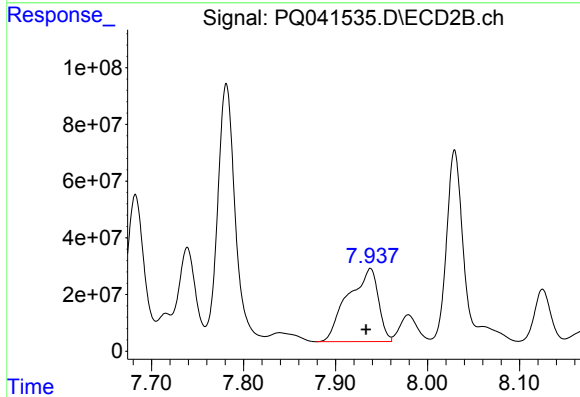
R.T.: 8.476 min
Delta R.T.: -0.010 min
Response: 514734567
Conc: 1289.18 ng/ml



#31 AR-1260-1

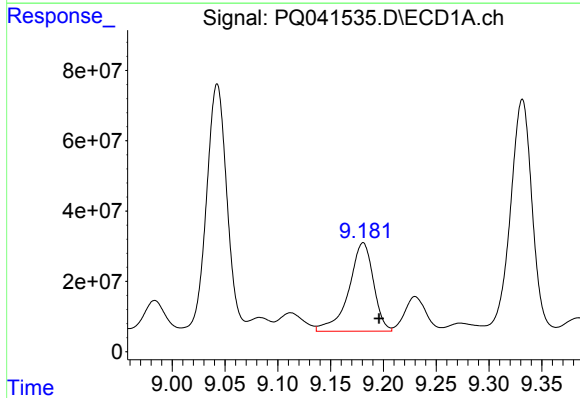
R.T.: 8.913 min
Delta R.T.: -0.012 min
Response: 241903265
Conc: 800.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



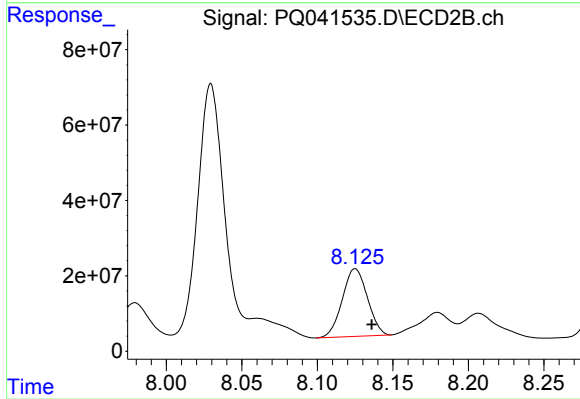
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.005 min
Response: 591664075
Conc: 2224.68 ng/ml



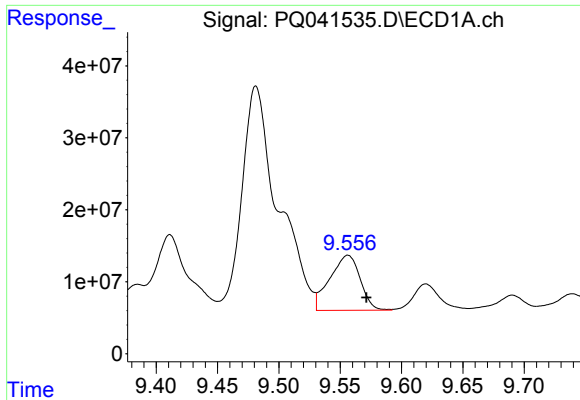
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.015 min
Response: 409934070
Conc: 894.33 ng/ml



#32 AR-1260-2

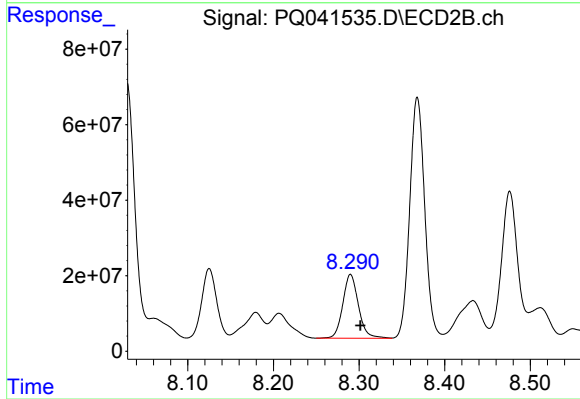
R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 207885816
Conc: 572.93 ng/ml



#33 AR-1260-3

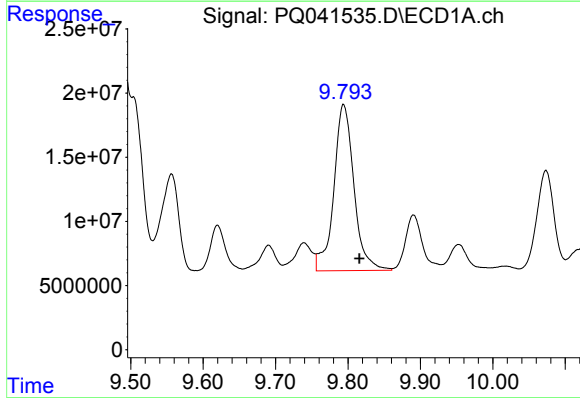
R.T.: 9.556 min
Delta R.T.: -0.015 min
Response: 132021632
Conc: 310.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



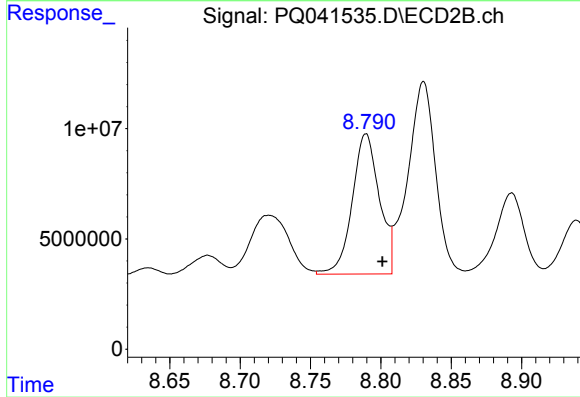
#33 AR-1260-3

R.T.: 8.290 min
Delta R.T.: -0.012 min
Response: 214443084
Conc: 682.89 ng/ml



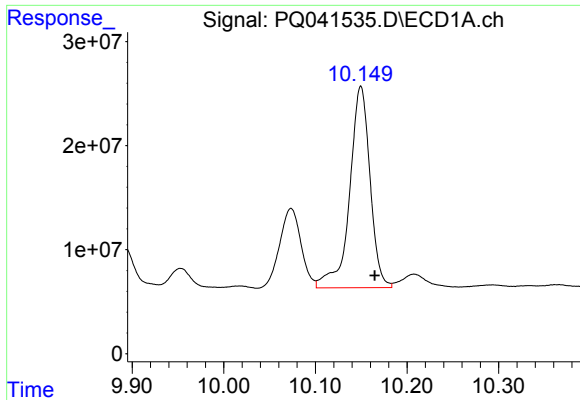
#34 AR-1260-4

R.T.: 9.794 min
Delta R.T.: -0.022 min
Response: 249646876
Conc: 593.06 ng/ml



#34 AR-1260-4

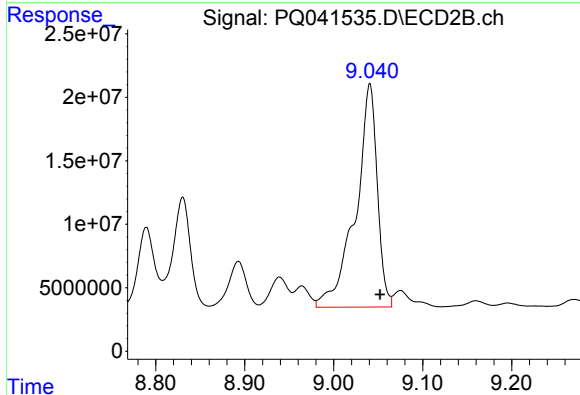
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 85284603
Conc: 299.58 ng/ml



#35 AR-1260-5

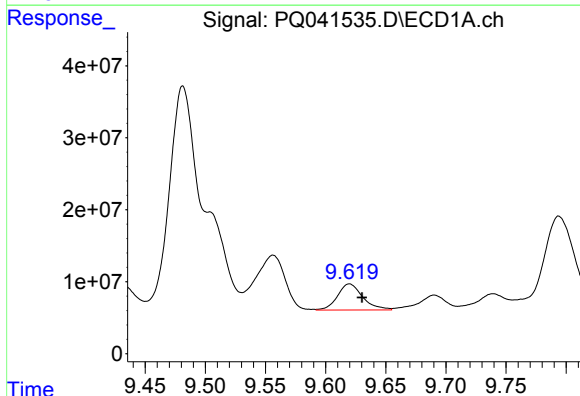
R.T.: 10.150 min
Delta R.T.: -0.015 min
Response: 300113561
Conc: 280.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



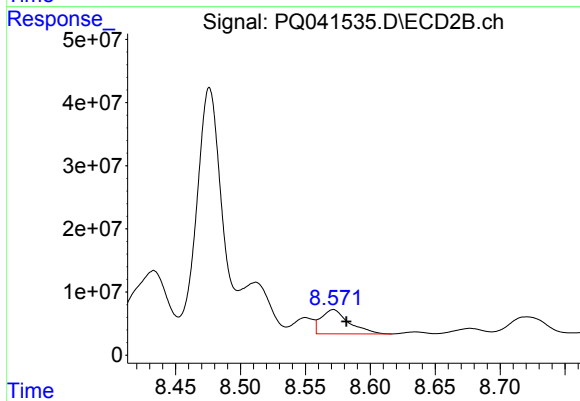
#35 AR-1260-5

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 298205989
Conc: 401.04 ng/ml



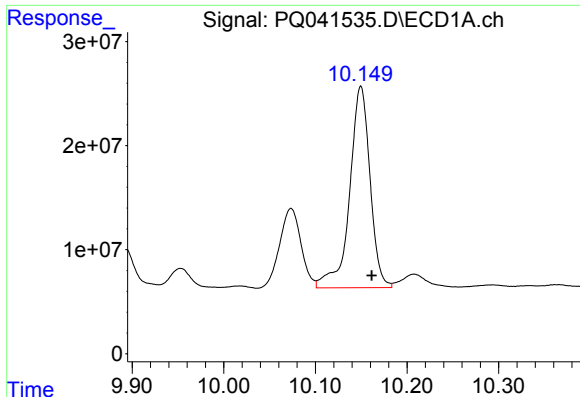
#36 AR-1262-1

R.T.: 9.620 min
Delta R.T.: -0.011 min
Response: 53162149
Conc: 216.53 ng/ml



#36 AR-1262-1

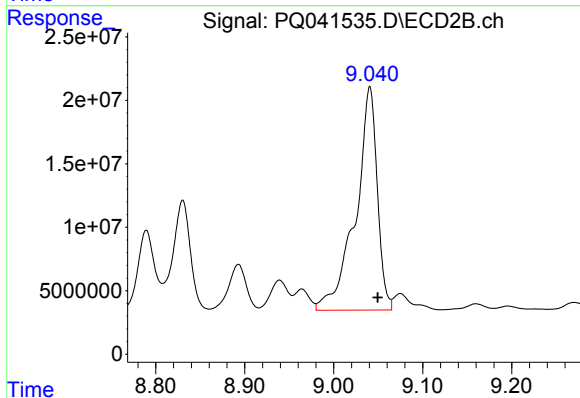
R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 57552175
Conc: 299.22 ng/ml



#37 AR-1262-2

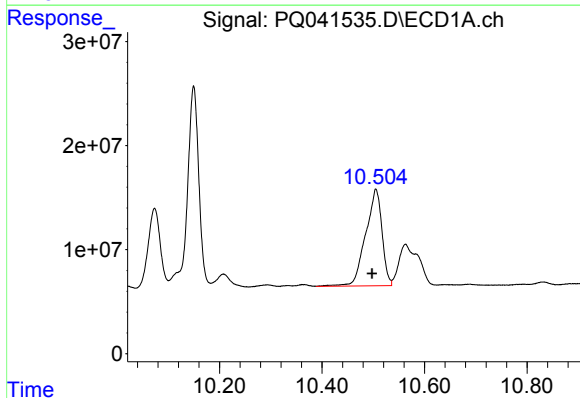
R.T.: 10.150 min
Delta R.T.: -0.012 min
Response: 300113561
Conc: 247.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



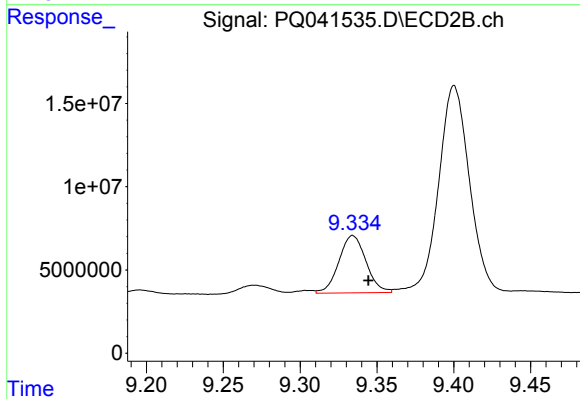
#37 AR-1262-2

R.T.: 9.041 min
Delta R.T.: -0.009 min
Response: 298205989
Conc: 354.94 ng/ml



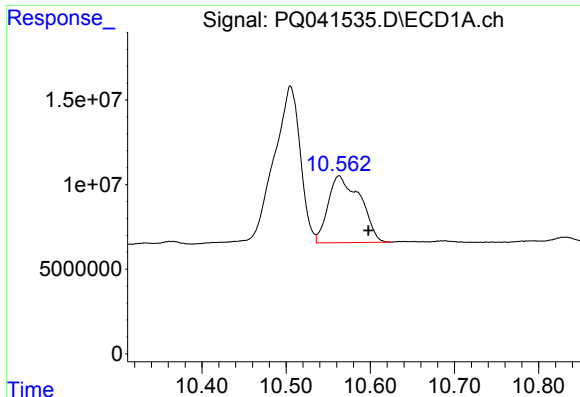
#38 AR-1262-3

R.T.: 10.505 min
Delta R.T.: 0.007 min
Response: 205037029
Conc: 246.03 ng/ml



#38 AR-1262-3

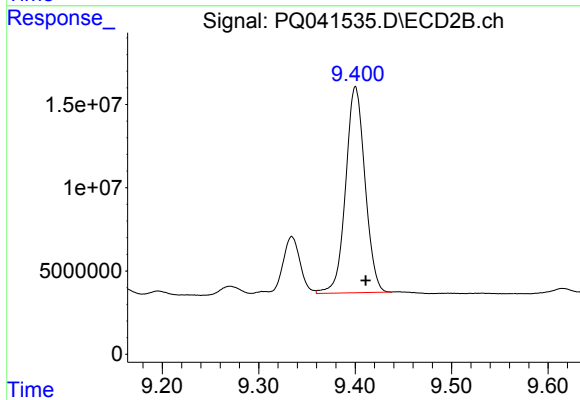
R.T.: 9.334 min
Delta R.T.: -0.010 min
Response: 42348825
Conc: 120.40 ng/ml



#39 AR-1262-4

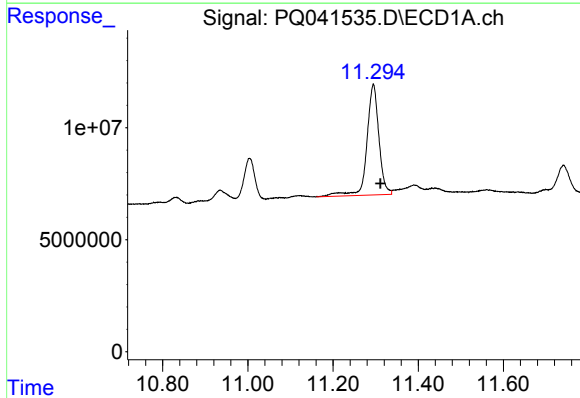
R.T.: 10.563 min
Delta R.T.: -0.035 min
Response: 104277269
Conc: 160.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



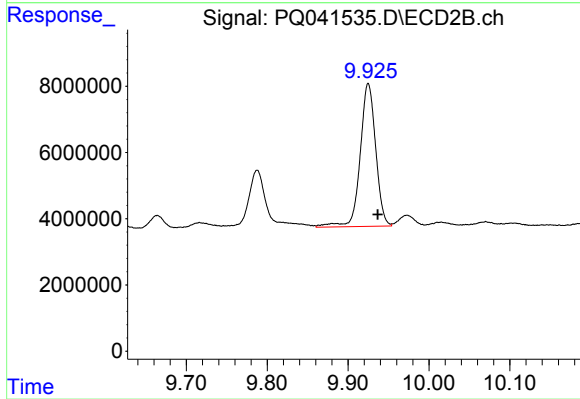
#39 AR-1262-4

R.T.: 9.400 min
Delta R.T.: -0.011 min
Response: 171952084
Conc: 292.58 ng/ml



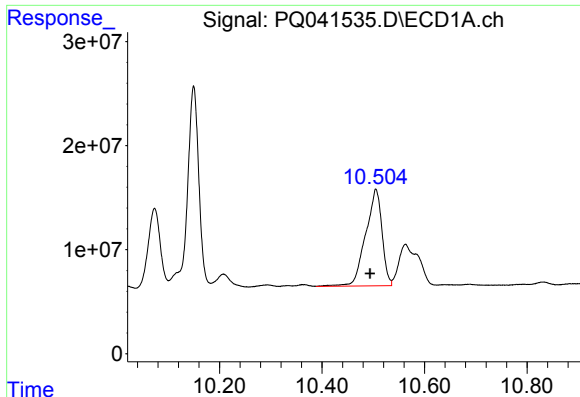
#40 AR-1262-5

R.T.: 11.295 min
Delta R.T.: -0.016 min
Response: 97038370
Conc: 212.28 ng/ml



#40 AR-1262-5

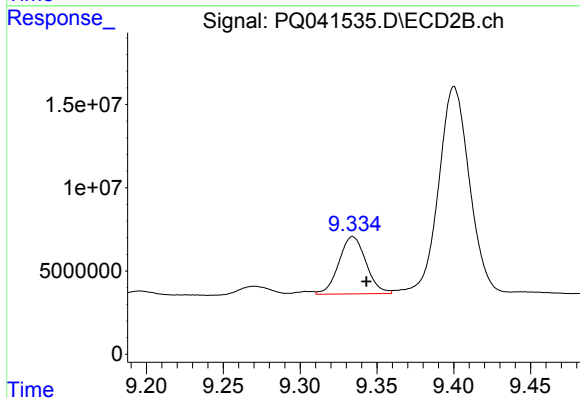
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 57553393
Conc: 239.85 ng/ml



#41 AR-1268-1

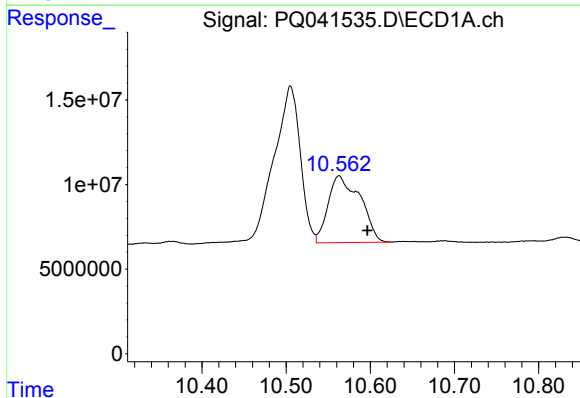
R.T.: 10.505 min
Delta R.T.: 0.011 min
Response: 205037029
Conc: 113.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



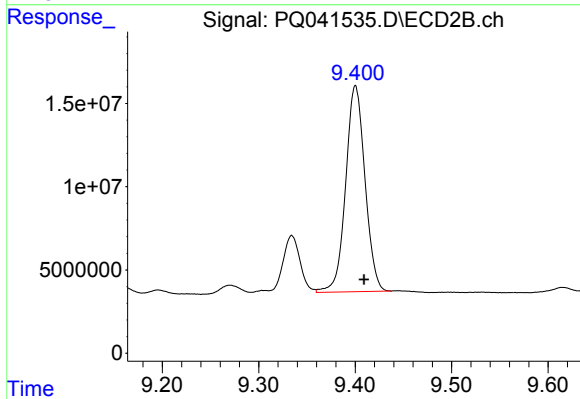
#41 AR-1268-1

R.T.: 9.334 min
Delta R.T.: -0.009 min
Response: 42348825
Conc: 37.06 ng/ml



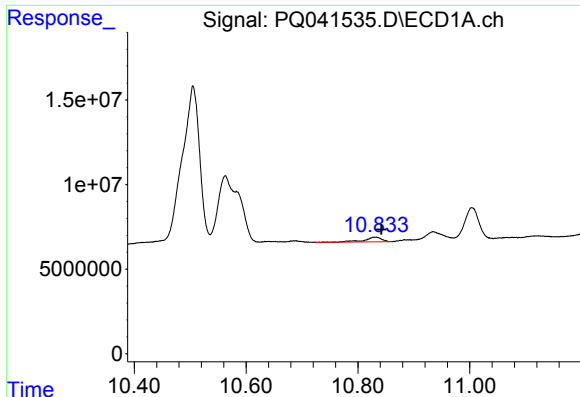
#42 AR-1268-2

R.T.: 10.563 min
Delta R.T.: -0.034 min
Response: 104277269
Conc: 65.35 ng/ml



#42 AR-1268-2

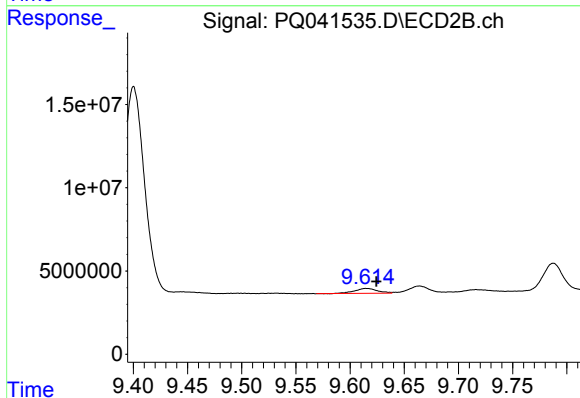
R.T.: 9.400 min
Delta R.T.: -0.009 min
Response: 171952084
Conc: 176.95 ng/ml



#43 AR-1268-3

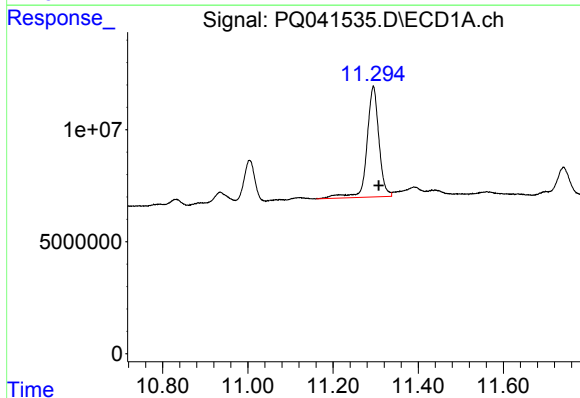
R.T.: 10.829 min
Delta R.T.: -0.013 min
Response: 5864694
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



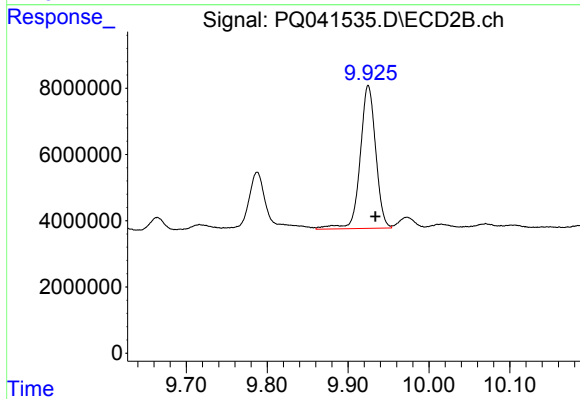
#43 AR-1268-3

R.T.: 9.615 min
Delta R.T.: -0.009 min
Response: 4390650
Conc: 5.50 ng/ml



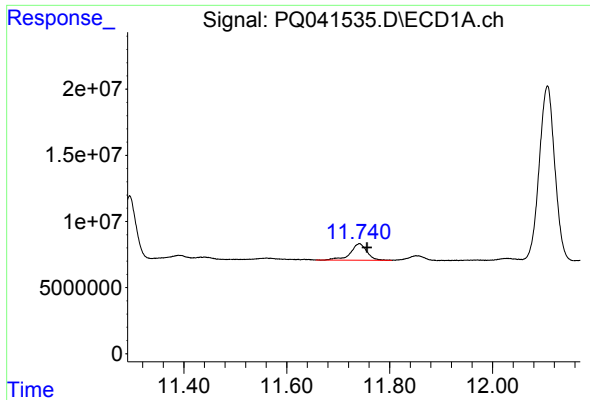
#44 AR-1268-4

R.T.: 11.295 min
Delta R.T.: -0.012 min
Response: 97038370
Conc: 170.95 ng/ml



#44 AR-1268-4

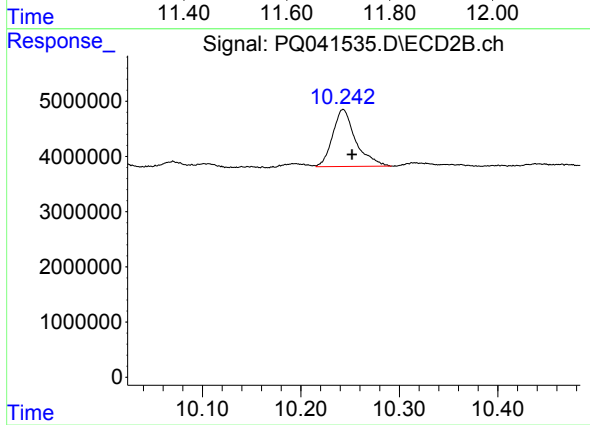
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 57553393
Conc: 187.55 ng/ml



#45 AR-1268-5

R.T.: 11.741 min
Delta R.T.: -0.015 min
Response: 27655778
Conc: 6.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: -0.009 min
Response: 16810786
Conc: 8.51 ng/ml