

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2019 09:24
 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: Jul 31 00:58:09 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...	5.698	4.756	45952205	39949795	20.037	20.729
2)	SA Decachlor...	12.100	10.516	324.2E6	201.0E6	38.453	41.556
Target Compounds							
3)	L1 AR-1016-1	7.145	6.209	42535665	42283450	393.542	407.475
4)	L1 AR-1016-2	7.169	6.231	62155692	58024560	397.091	405.004
5)	L1 AR-1016-3	7.240	6.445	38340350	29565396	396.373	396.468
6)	L1 AR-1016-4	7.353	6.499	31950550	25523806	409.548	411.606
7)	L1 AR-1016-5	7.688	6.752	31459769	35010327	400.200	430.084
8)	L2 AR-1221-1	0.000	5.063	0	2848922	N.D.	138.355 #
9)	L2 AR-1221-2	0.000	5.181	0	4058534	N.D.	254.139 #
10)	L2 AR-1221-3	6.183	5.284	17318534	17462369	281.396	320.223
11)	L3 AR-1232-1	6.183	5.284	17318534	17462369	320.025	361.632
12)	L3 AR-1232-2	6.828	6.231	26618729	58024560	810.146	1017.478 #
13)	L3 AR-1232-3	7.169	6.445	62155692	29565396	930.984	991.478
14)	L3 AR-1232-4	7.353	6.549	31950550	31806606	996.070	1191.406
15)	L3 AR-1232-5	7.459	6.752	25886985	35010327	1204.591	1193.827
16)	L4 AR-1242-1	7.145	6.209	42535665	42283450	475.529	516.661
17)	L4 AR-1242-2	7.169	6.231	62155692	58024560	483.358	513.774
18)	L4 AR-1242-3	7.240	6.445	38340350	29565396	472.833	500.492
19)	L4 AR-1242-4	7.353	6.549	31950550	31806606	496.994	536.392
20)	L4 AR-1242-5	0.000	7.161	0	27651291	N.D.	311.409 #
21)	L5 AR-1248-1	7.145	6.209	42535665	42283450	573.751	637.722
22)	L5 AR-1248-2	7.459	6.499	25886985	25523806	280.578	292.746
23)	L5 AR-1248-3	7.688	6.549	31459769	31806606	280.787	356.354 #
24)	L5 AR-1248-4	8.105	6.752	16865492	35010327	107.864	317.867 #
25)	L5 AR-1248-5	0.000	7.207	0	4974822	N.D.	38.813 #
26)	L6 AR-1254-1	8.105	7.161	16865492	27651291	121.234	151.195
27)	L6 AR-1254-2	8.342	7.329	27113613	26052299	118.461	160.945 #
28)	L6 AR-1254-3	8.736	7.793	16891751	53719906	61.778	186.264 #
29)	L6 AR-1254-4	9.039	8.025	14530018	9260393	59.023	42.660 #
30)	L6 AR-1254-5	9.477	8.471	124.5E6	112.3E6	459.791	373.221
31)	L7 AR-1260-1	8.908	7.918	70533136	74783629	396.509	412.191
32)	L7 AR-1260-2	9.181	8.122	100.6E6	100.1E6	398.864	407.957
33)	L7 AR-1260-3	9.555	8.286	90880160	88697564	396.624	416.856
34)	L7 AR-1260-4	9.799	8.785	99438206	82290223	389.431	406.795
35)	L7 AR-1260-5	10.146	9.036	262.3E6	237.4E6	389.341	402.280
36)	L8 AR-1262-1	9.616	8.568	46643683	46035507	303.482	320.884
37)	L8 AR-1262-2	10.146	9.036	262.3E6	237.4E6	299.579	320.389
38)	L8 AR-1262-3	10.502	9.330	173.4E6	57318387	273.071	181.175 #
39)	L8 AR-1262-4	10.579	9.397	48025774	174.9E6	95.916	311.007 #
40)	L8 AR-1262-5	11.292	9.920	100.4E6	73323721	246.559	256.731
41)	L9 AR-1268-1	10.502	9.330	173.4E6	57318387	121.724	50.139 #

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 Acq On : 30 Jul 2019 09:24
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

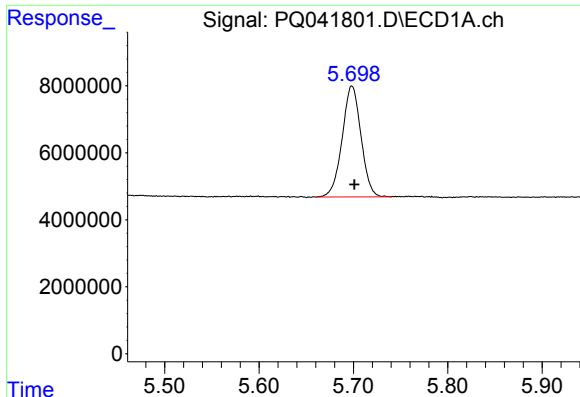
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 00:58:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
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 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	10.579	9.397	48025774	174.9E6	36.413	170.375 #
43) L9	AR-1268-3	0.000	9.612	0	5439027	N.D.	6.259 #
44) L9	AR-1268-4	11.292	9.920	100.4E6	73323721	184.374	190.615
45) L9	AR-1268-5	11.738	10.238	27539191	18988817	6.795	7.311

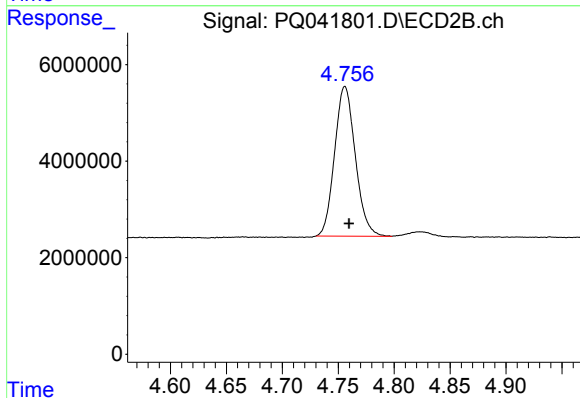
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

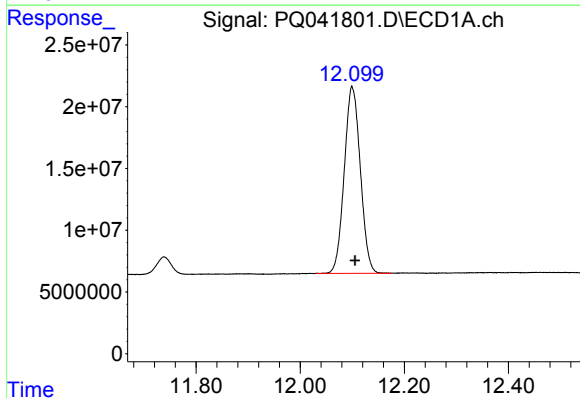
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 45952205
Conc: 20.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



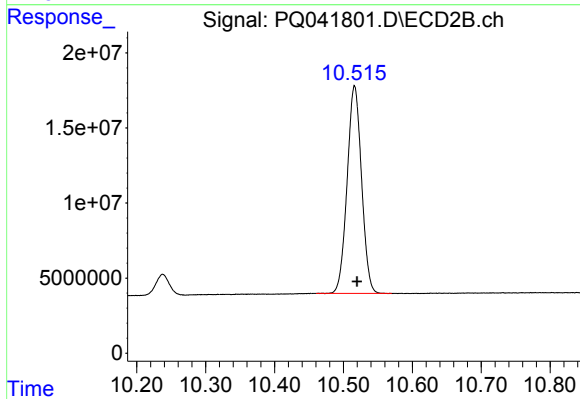
#1 Tetrachloro-m-xylene

R.T.: 4.756 min
Delta R.T.: -0.004 min
Response: 39949795
Conc: 20.73 ng/ml



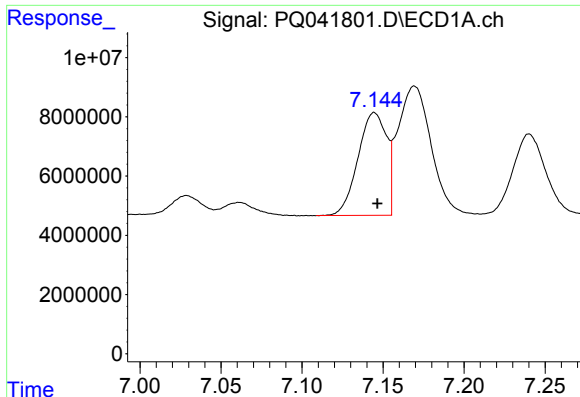
#2 Decachlorobiphenyl

R.T.: 12.100 min
Delta R.T.: -0.006 min
Response: 324206137
Conc: 38.45 ng/ml



#2 Decachlorobiphenyl

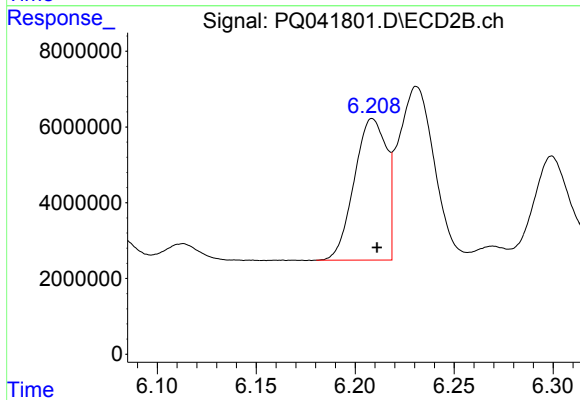
R.T.: 10.516 min
Delta R.T.: -0.004 min
Response: 201021654
Conc: 41.56 ng/ml



#3 AR-1016-1

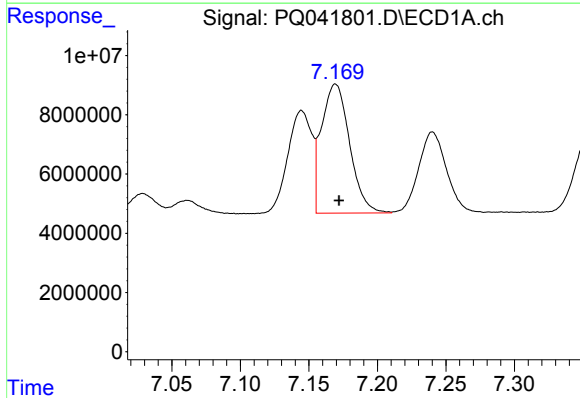
R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 42535665
Conc: 393.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



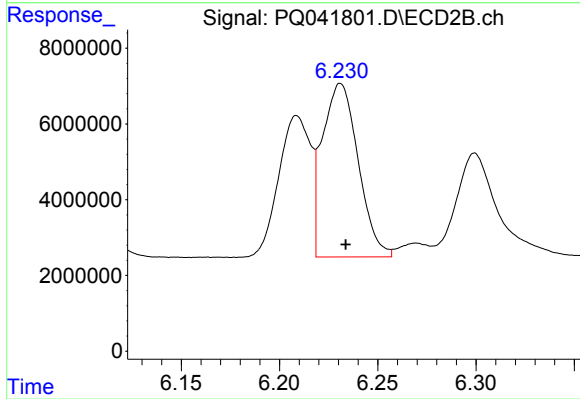
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 42283450
Conc: 407.48 ng/ml



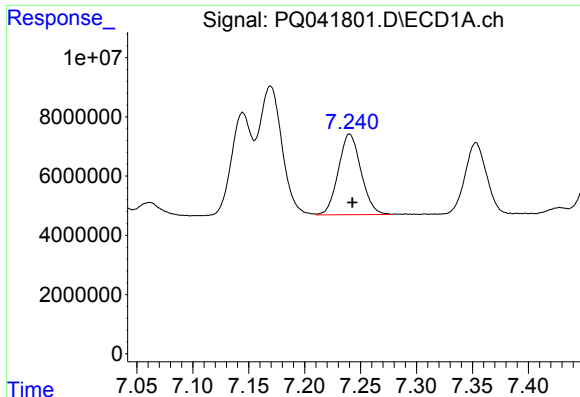
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 62155692
Conc: 397.09 ng/ml



#4 AR-1016-2

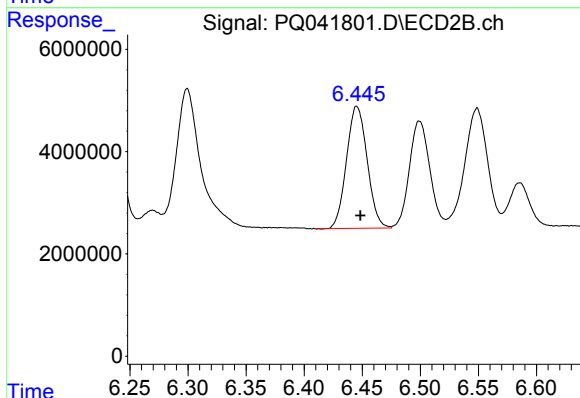
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 58024560
Conc: 405.00 ng/ml



#5 AR-1016-3

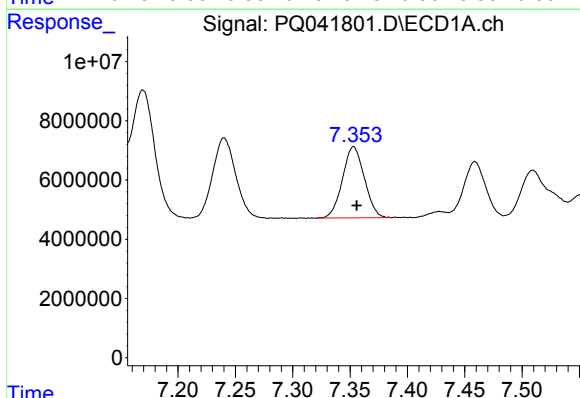
R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 38340350
Conc: 396.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



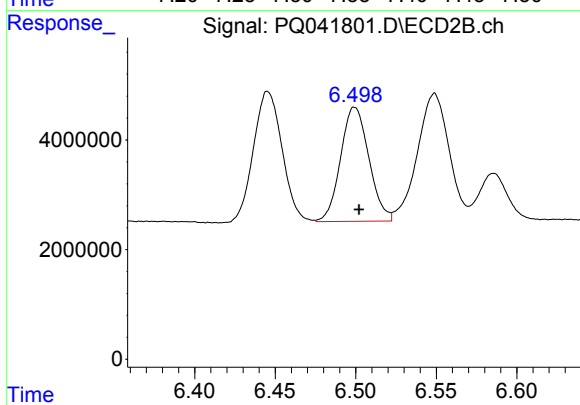
#5 AR-1016-3

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 29565396
Conc: 396.47 ng/ml



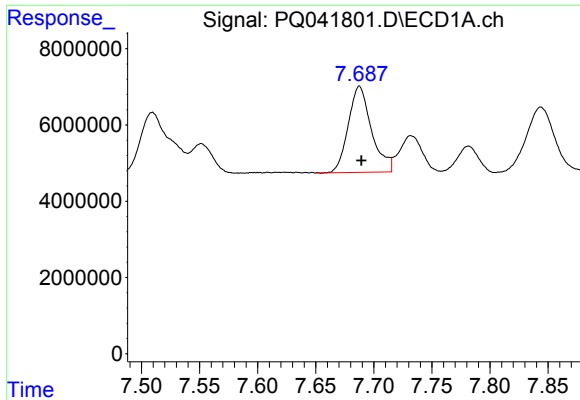
#6 AR-1016-4

R.T.: 7.353 min
Delta R.T.: -0.003 min
Response: 31950550
Conc: 409.55 ng/ml



#6 AR-1016-4

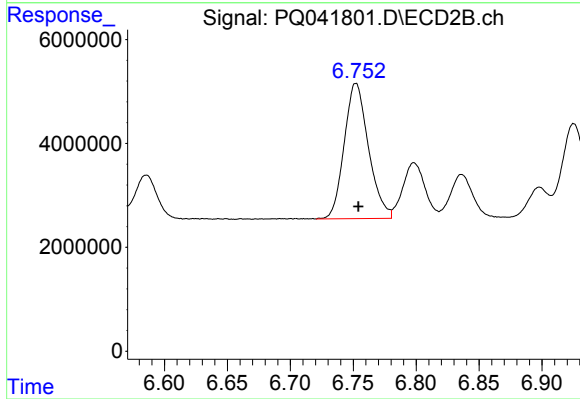
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 25523806
Conc: 411.61 ng/ml



#7 AR-1016-5

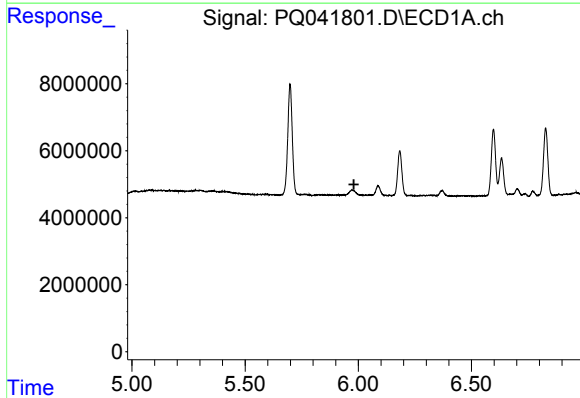
R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 31459769
Conc: 400.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



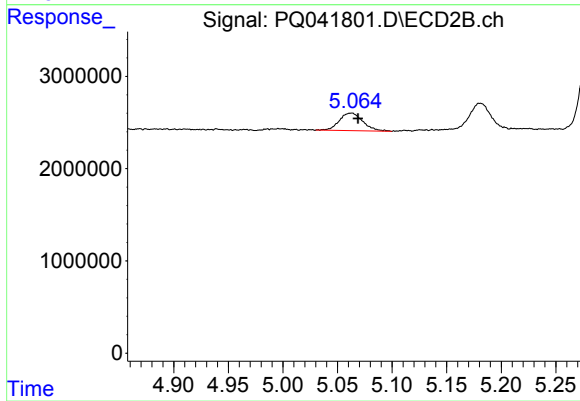
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 35010327
Conc: 430.08 ng/ml



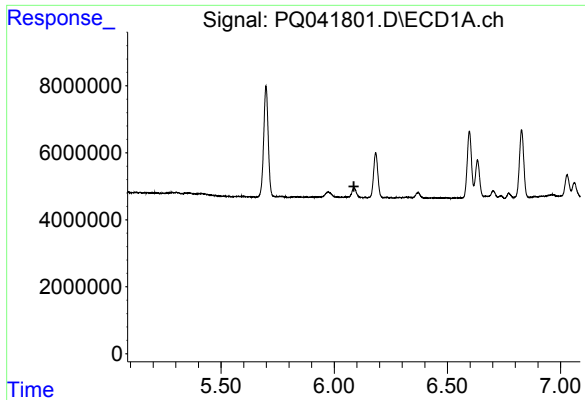
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

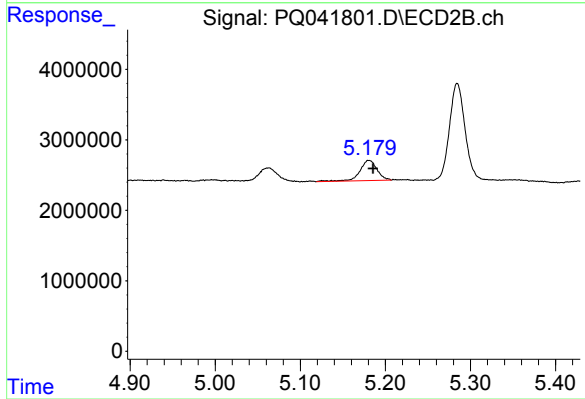
R.T.: 5.063 min
Delta R.T.: -0.005 min
Response: 2848922
Conc: 138.36 ng/ml



#9 AR-1221-2

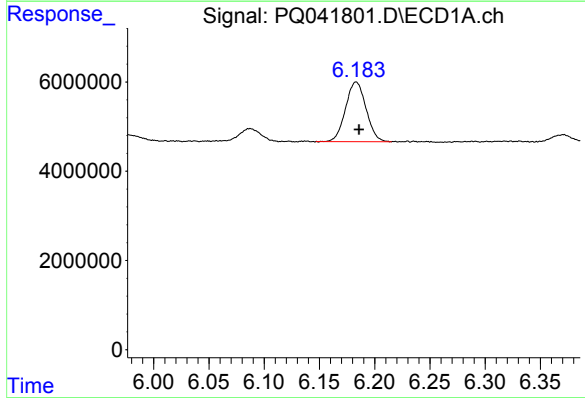
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



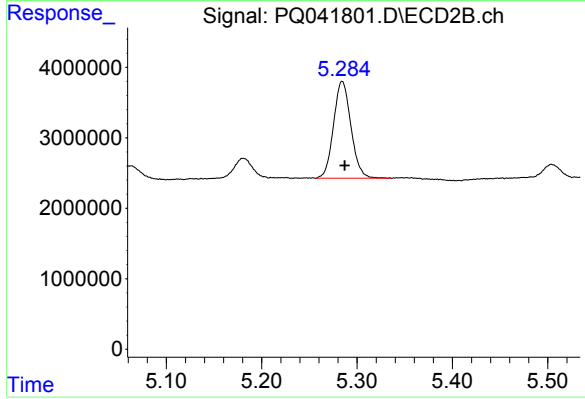
#9 AR-1221-2

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 4058534
Conc: 254.14 ng/ml



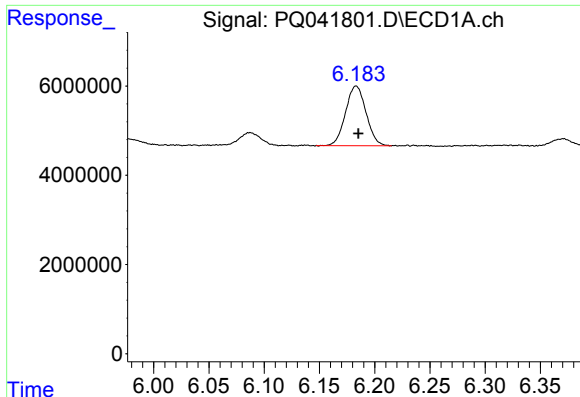
#10 AR-1221-3

R.T.: 6.183 min
Delta R.T.: -0.003 min
Response: 17318534
Conc: 281.40 ng/ml



#10 AR-1221-3

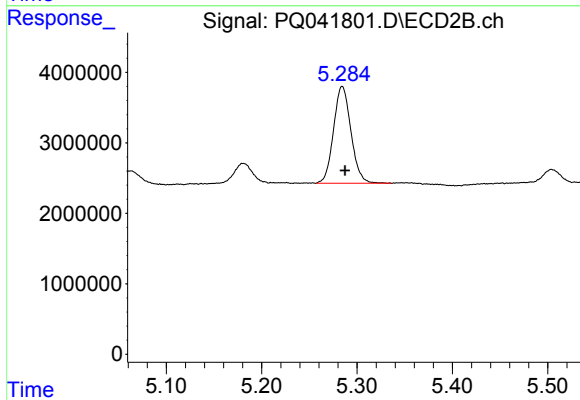
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 17462369
Conc: 320.22 ng/ml



#11 AR-1232-1

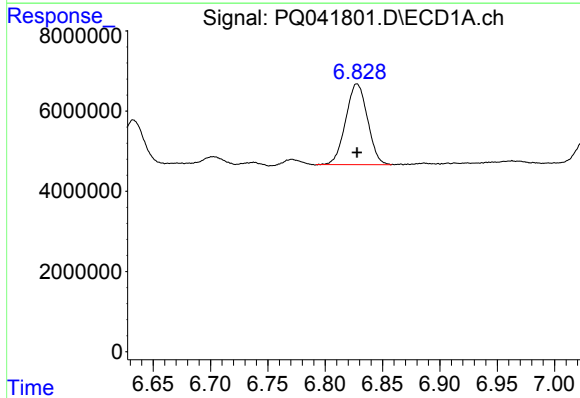
R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 17318534
Conc: 320.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



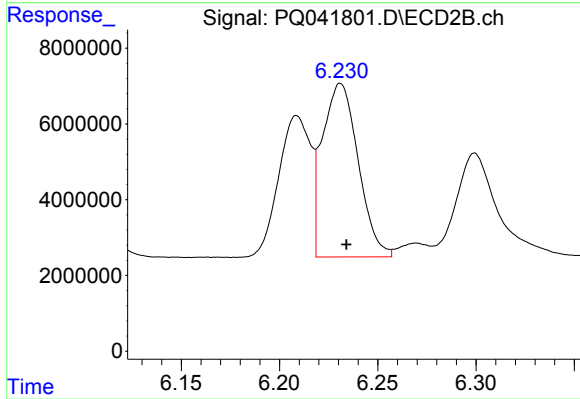
#11 AR-1232-1

R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 17462369
Conc: 361.63 ng/ml



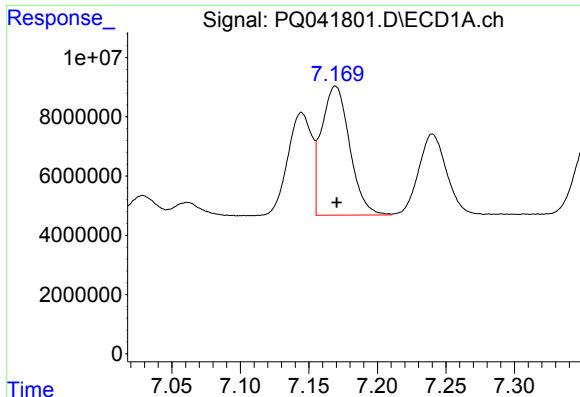
#12 AR-1232-2

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 26618729
Conc: 810.15 ng/ml



#12 AR-1232-2

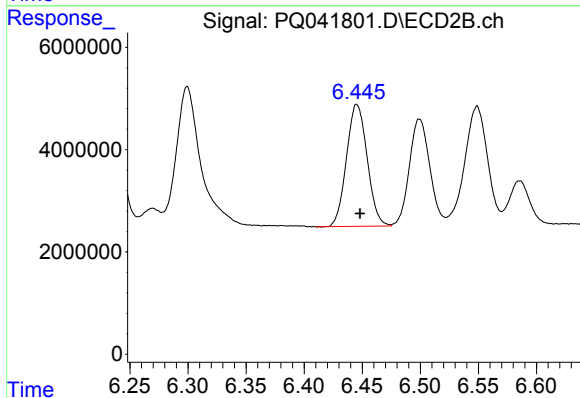
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 58024560
Conc: 1017.48 ng/ml



#13 AR-1232-3

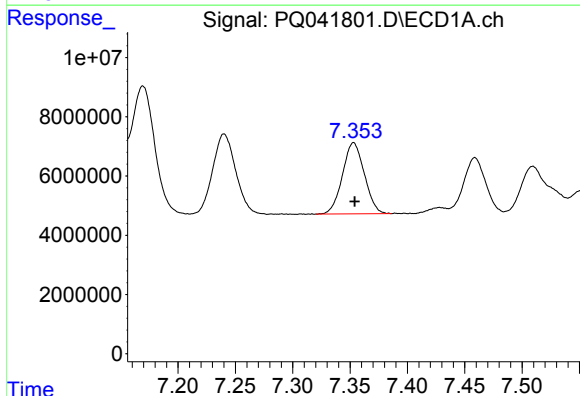
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 62155692
Conc: 930.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



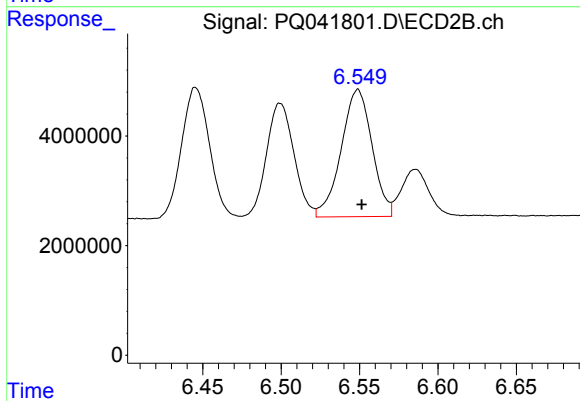
#13 AR-1232-3

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 29565396
Conc: 991.48 ng/ml



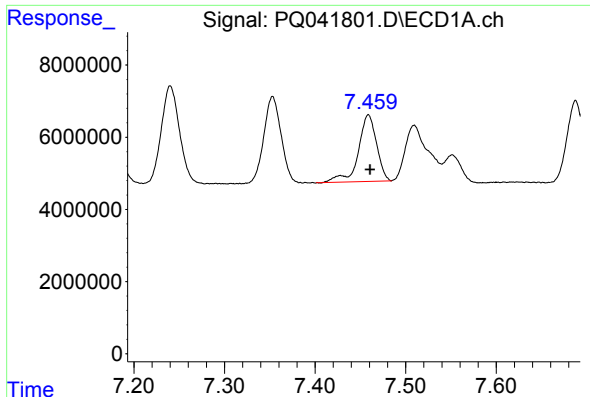
#14 AR-1232-4

R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 31950550
Conc: 996.07 ng/ml



#14 AR-1232-4

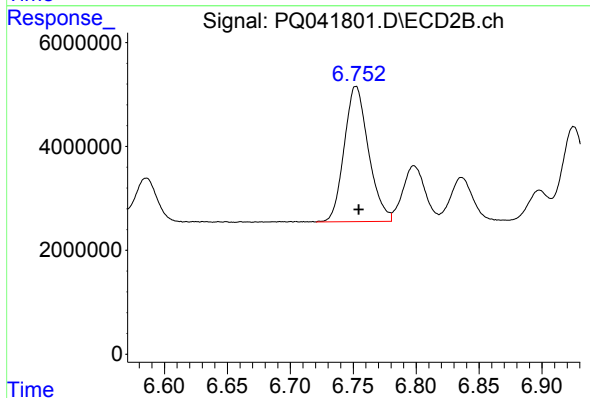
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 31806606
Conc: 1191.41 ng/ml



#15 AR-1232-5

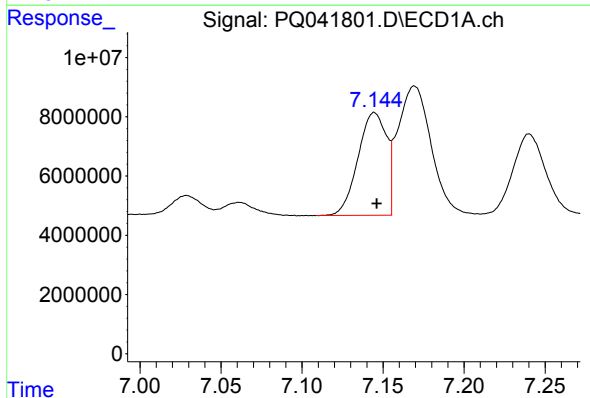
R.T.: 7.459 min
Delta R.T.: -0.002 min
Response: 25886985
Conc: 1204.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



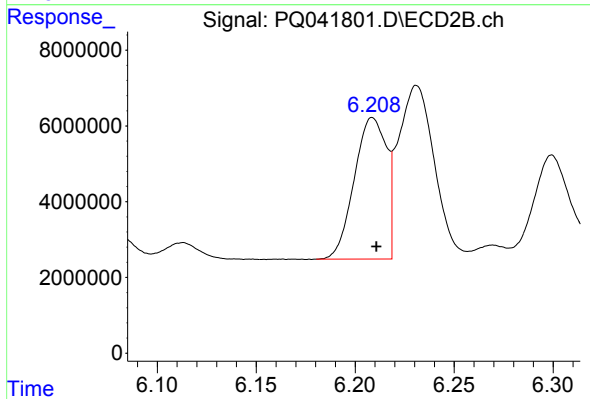
#15 AR-1232-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 35010327
Conc: 1193.83 ng/ml



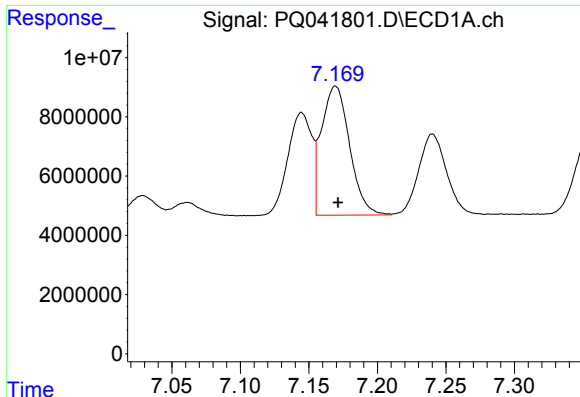
#16 AR-1242-1

R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 42535665
Conc: 475.53 ng/ml



#16 AR-1242-1

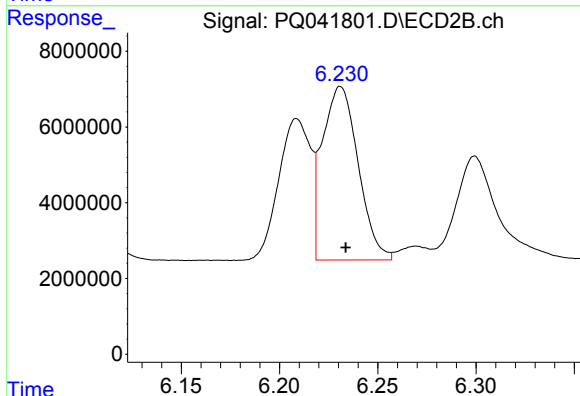
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 42283450
Conc: 516.66 ng/ml



#17 AR-1242-2

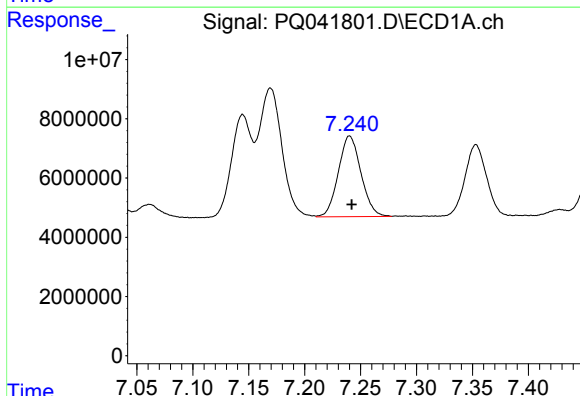
R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 62155692
Conc: 483.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



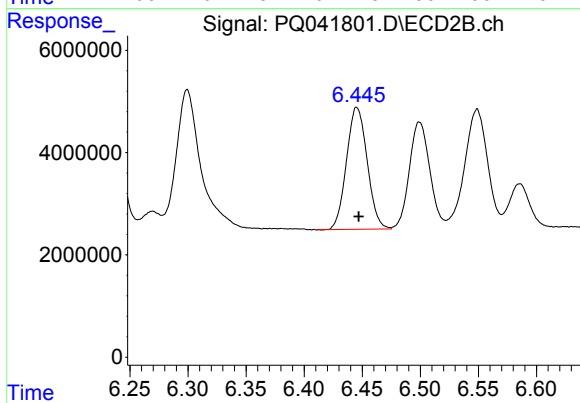
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 58024560
Conc: 513.77 ng/ml



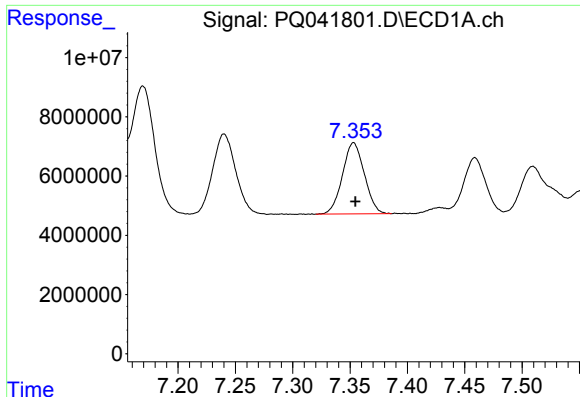
#18 AR-1242-3

R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 38340350
Conc: 472.83 ng/ml



#18 AR-1242-3

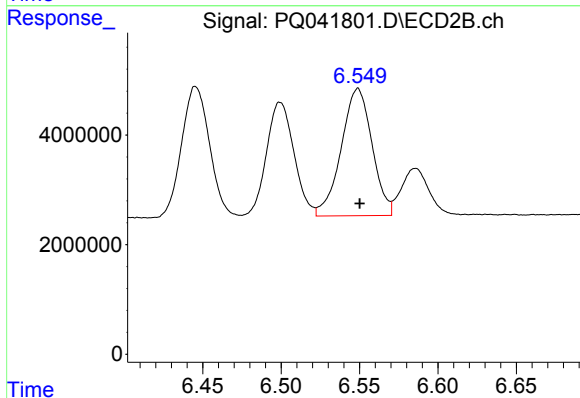
R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 29565396
Conc: 500.49 ng/ml



#19 AR-1242-4

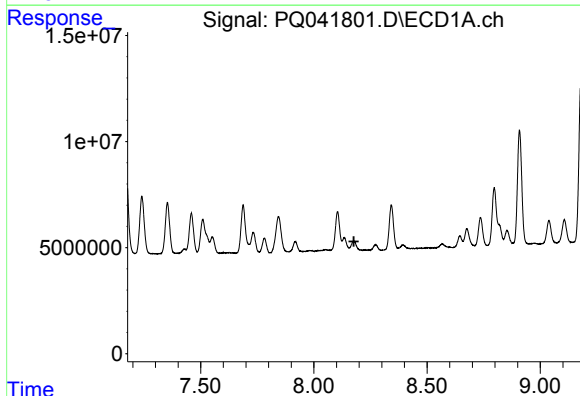
R.T.: 7.353 min
Delta R.T.: -0.002 min
Response: 31950550
Conc: 496.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



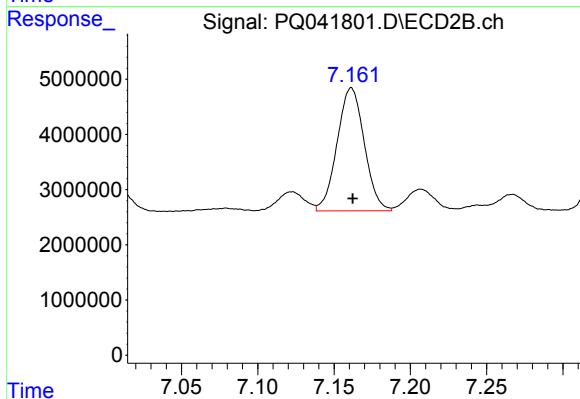
#19 AR-1242-4

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 31806606
Conc: 536.39 ng/ml



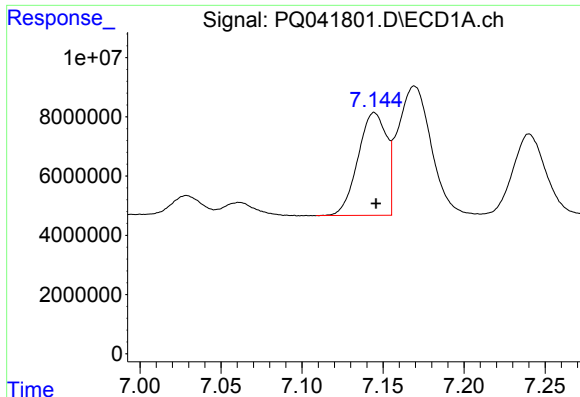
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.177 min
Response: 0
Conc: N.D.



#20 AR-1242-5

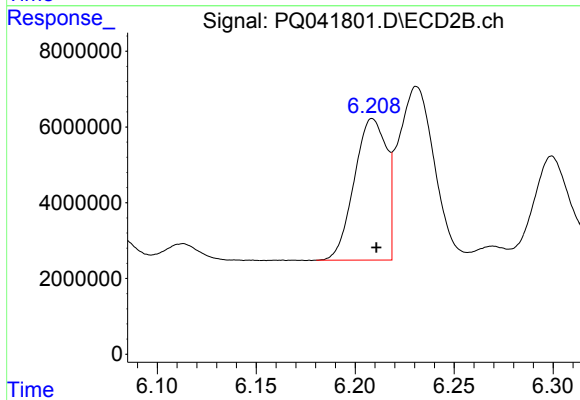
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 27651291
Conc: 311.41 ng/ml



#21 AR-1248-1

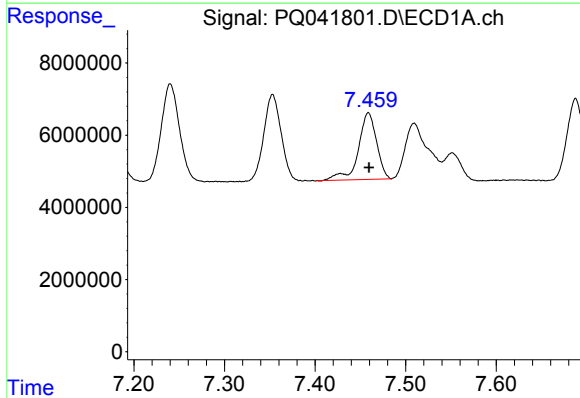
R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 42535665
Conc: 573.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



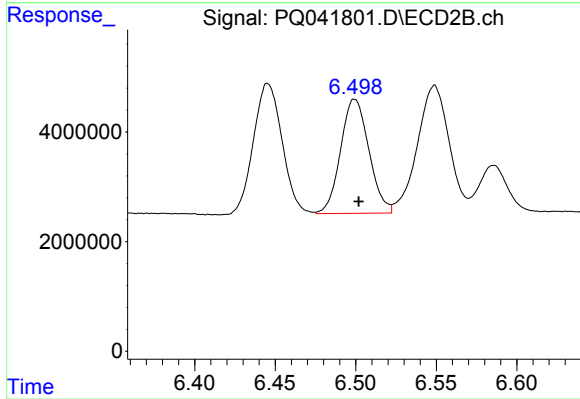
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 42283450
Conc: 637.72 ng/ml



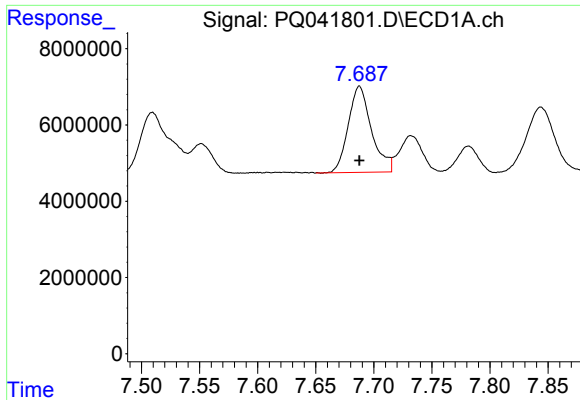
#22 AR-1248-2

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 25886985
Conc: 280.58 ng/ml



#22 AR-1248-2

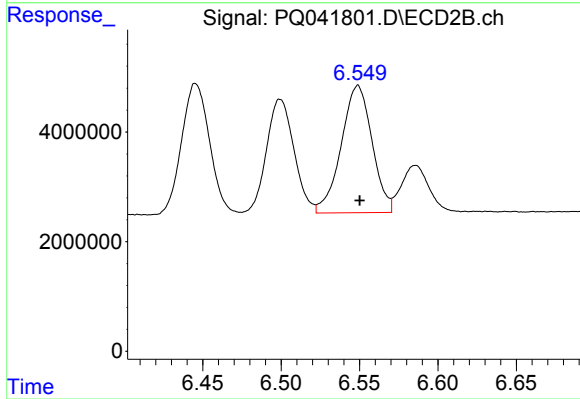
R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 25523806
Conc: 292.75 ng/ml



#23 AR-1248-3

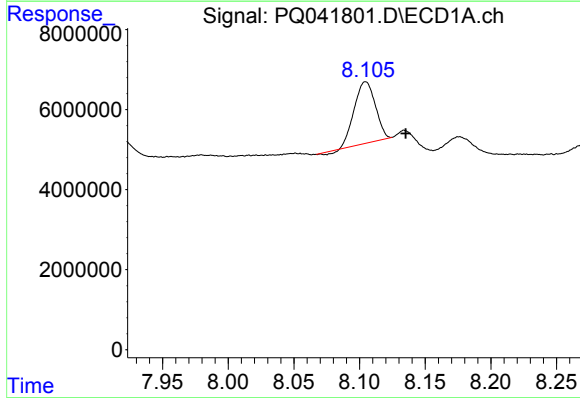
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 31459769
Conc: 280.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



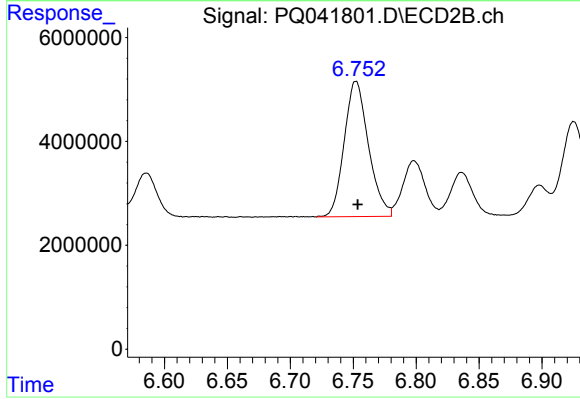
#23 AR-1248-3

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 31806606
Conc: 356.35 ng/ml



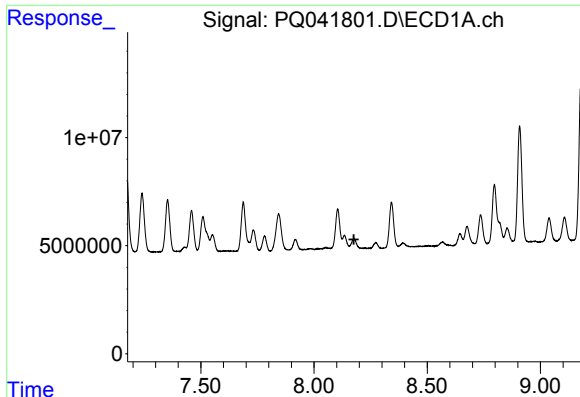
#24 AR-1248-4

R.T.: 8.105 min
Delta R.T.: -0.030 min
Response: 16865492
Conc: 107.86 ng/ml



#24 AR-1248-4

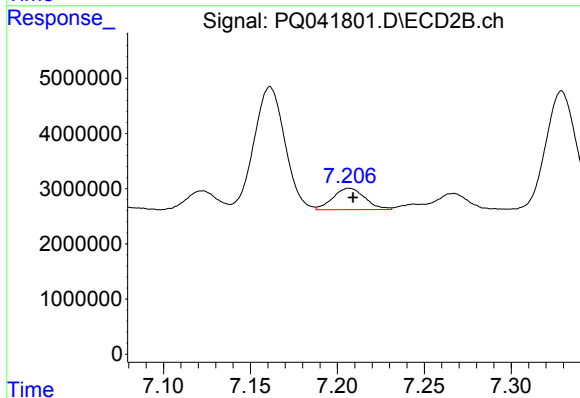
R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 35010327
Conc: 317.87 ng/ml



#25 AR-1248-5

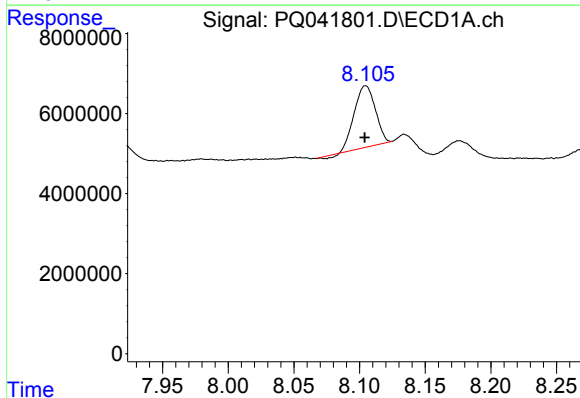
R.T.: 0.000 min
Exp R.T.: 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



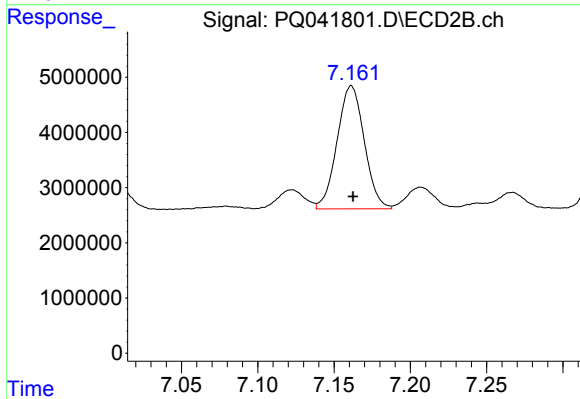
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 4974822
Conc: 38.81 ng/ml



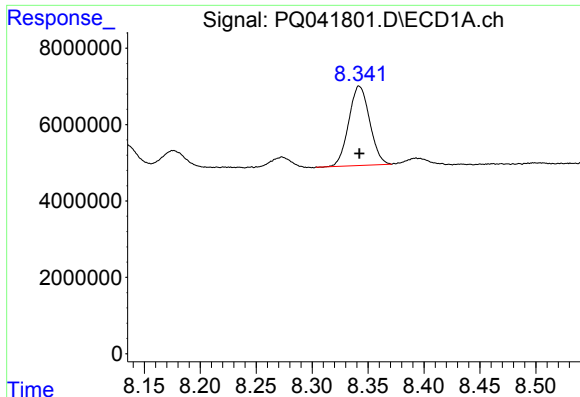
#26 AR-1254-1

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 16865492
Conc: 121.23 ng/ml



#26 AR-1254-1

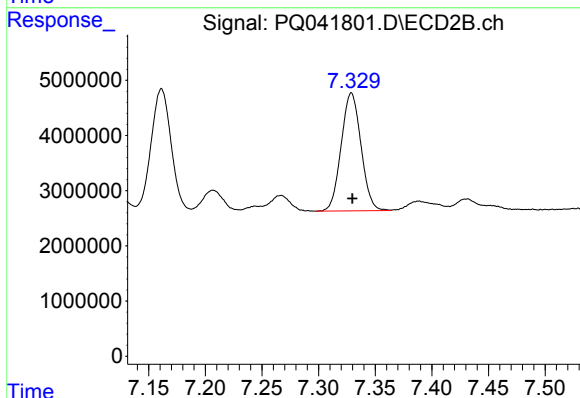
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 27651291
Conc: 151.20 ng/ml



#27 AR-1254-2

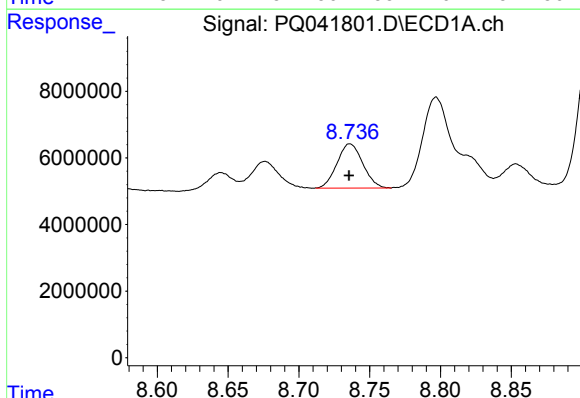
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 27113613
Conc: 118.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



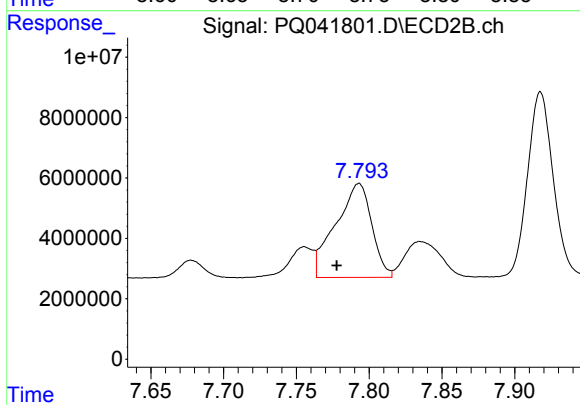
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 26052299
Conc: 160.94 ng/ml



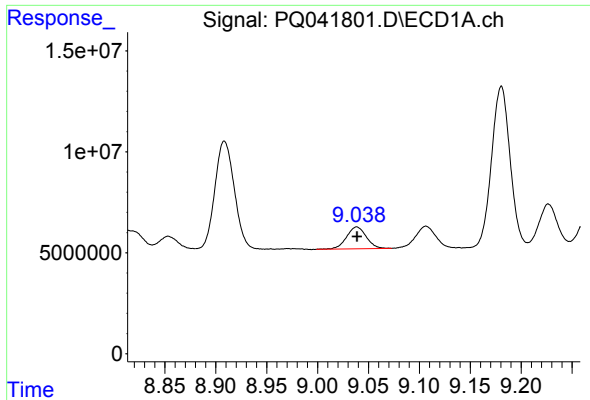
#28 AR-1254-3

R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 16891751
Conc: 61.78 ng/ml



#28 AR-1254-3

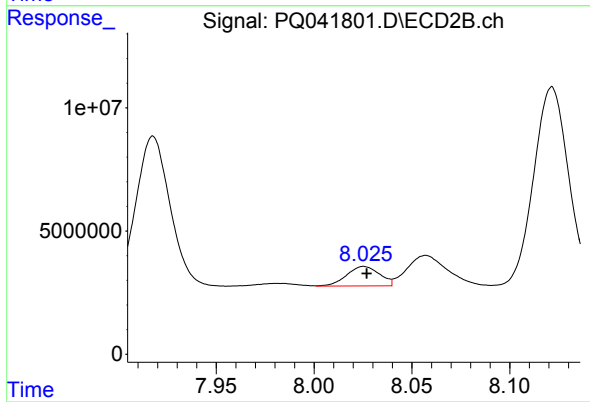
R.T.: 7.793 min
Delta R.T.: 0.015 min
Response: 53719906
Conc: 186.26 ng/ml



#29 AR-1254-4

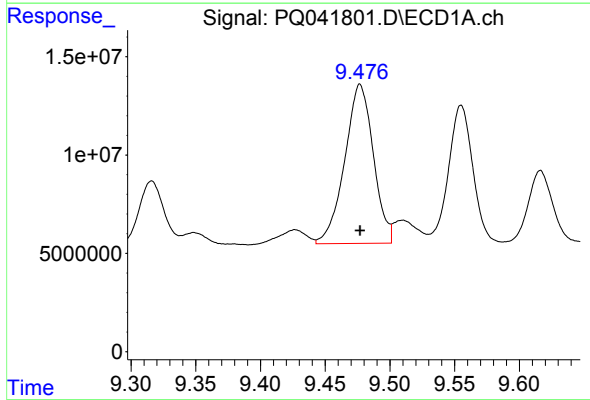
R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 14530018
Conc: 59.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



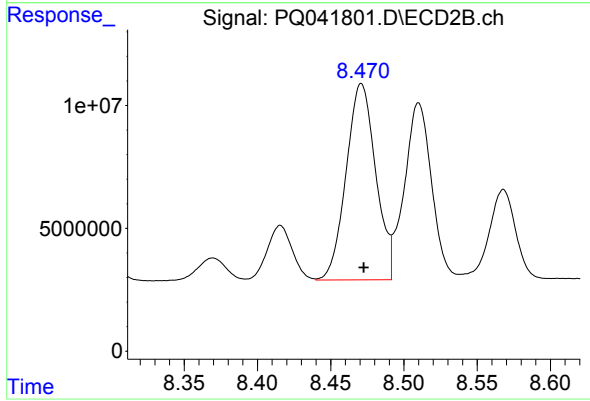
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 9260393
Conc: 42.66 ng/ml



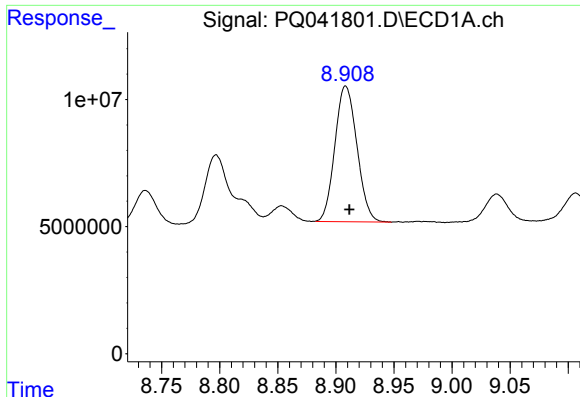
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 124532402
Conc: 459.79 ng/ml



#30 AR-1254-5

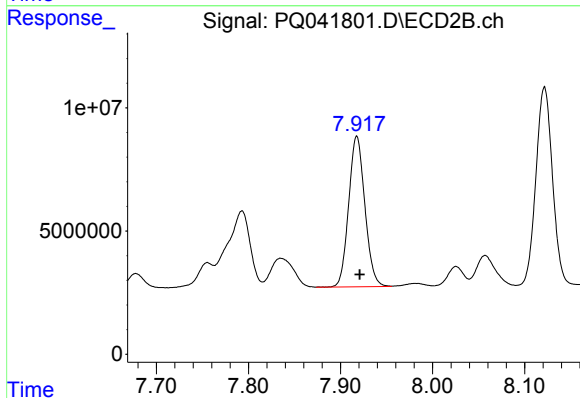
R.T.: 8.471 min
Delta R.T.: -0.002 min
Response: 112252883
Conc: 373.22 ng/ml



#31 AR-1260-1

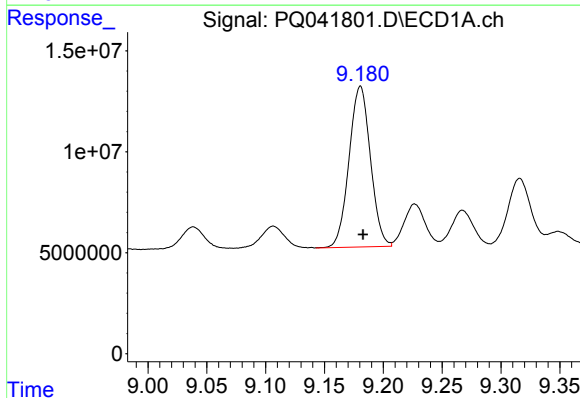
R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 70533136
Conc: 396.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



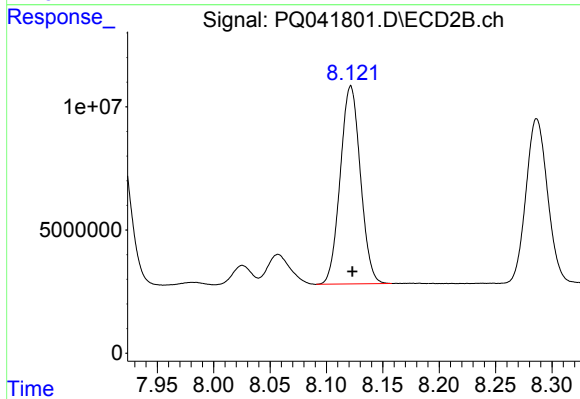
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 74783629
Conc: 412.19 ng/ml



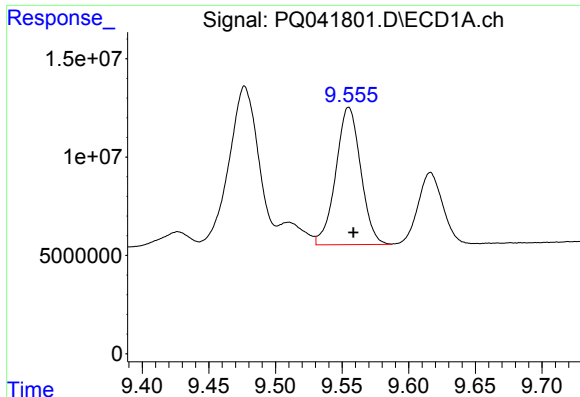
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.002 min
Response: 100623481
Conc: 398.86 ng/ml



#32 AR-1260-2

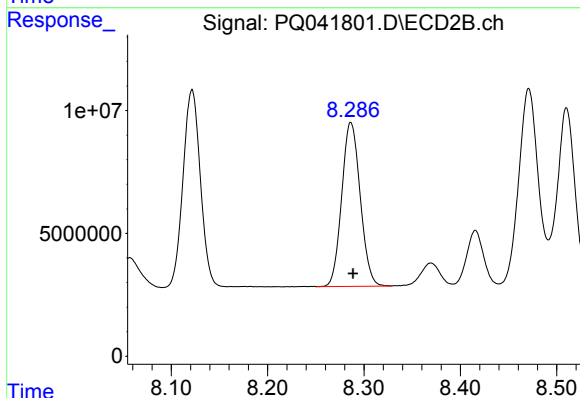
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 100086470
Conc: 407.96 ng/ml



#33 AR-1260-3

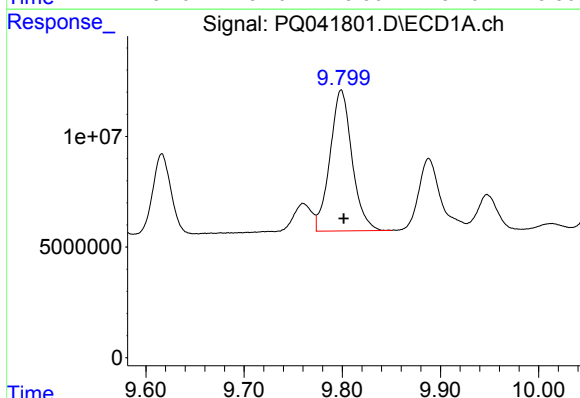
R.T.: 9.555 min
Delta R.T.: -0.003 min
Response: 90880160
Conc: 396.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



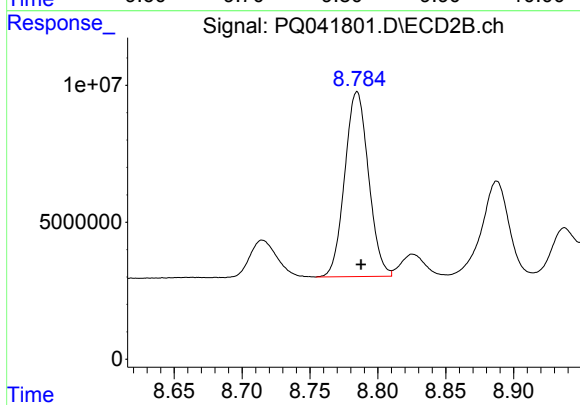
#33 AR-1260-3

R.T.: 8.286 min
Delta R.T.: -0.002 min
Response: 88697564
Conc: 416.86 ng/ml



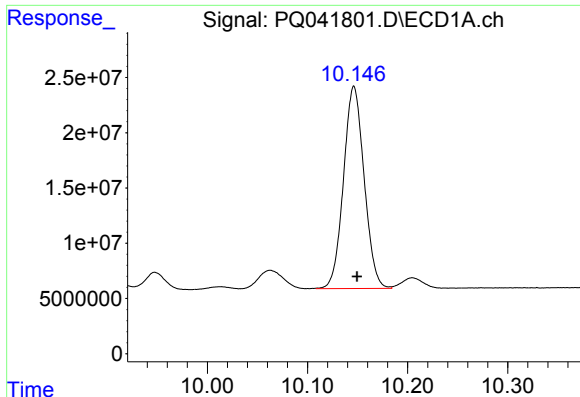
#34 AR-1260-4

R.T.: 9.799 min
Delta R.T.: -0.003 min
Response: 99438206
Conc: 389.43 ng/ml



#34 AR-1260-4

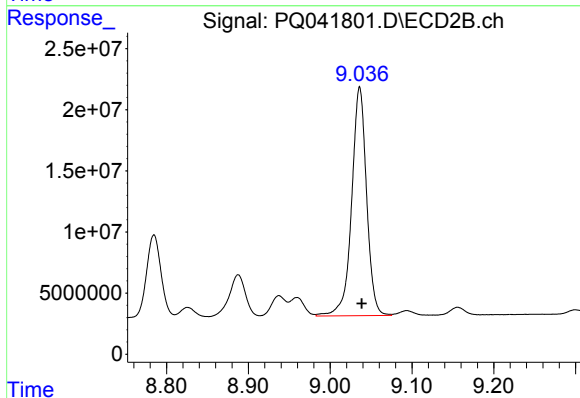
R.T.: 8.785 min
Delta R.T.: -0.003 min
Response: 82290223
Conc: 406.79 ng/ml



#35 AR-1260-5

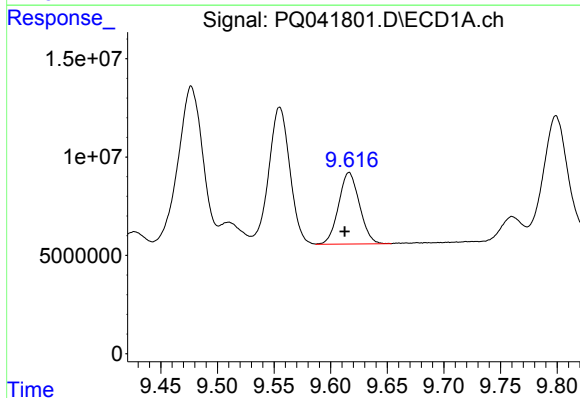
R.T.: 10.146 min
Delta R.T.: -0.003 min
Response: 262256602
Conc: 389.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



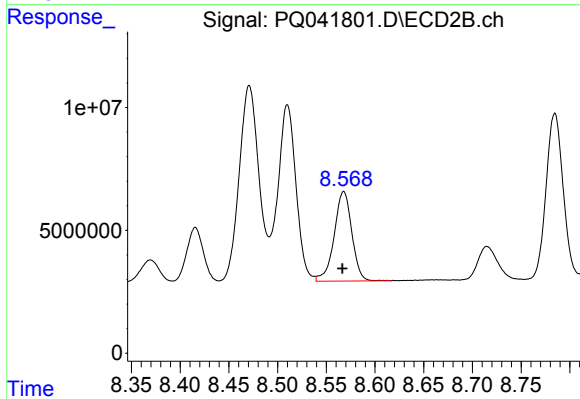
#35 AR-1260-5

R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 237425908
Conc: 402.28 ng/ml



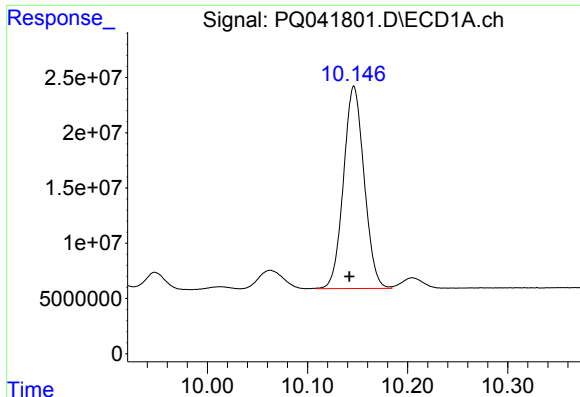
#36 AR-1262-1

R.T.: 9.616 min
Delta R.T.: 0.004 min
Response: 46643683
Conc: 303.48 ng/ml



#36 AR-1262-1

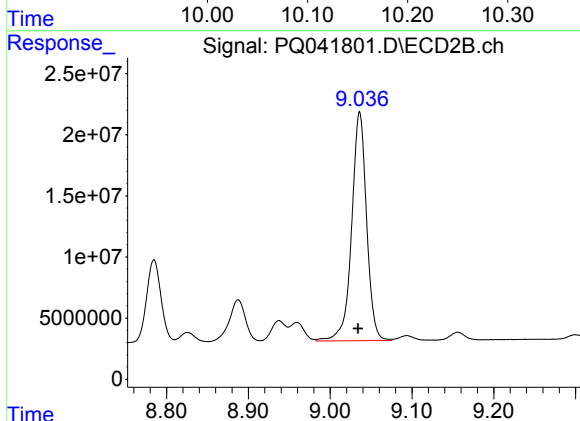
R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 46035507
Conc: 320.88 ng/ml



#37 AR-1262-2

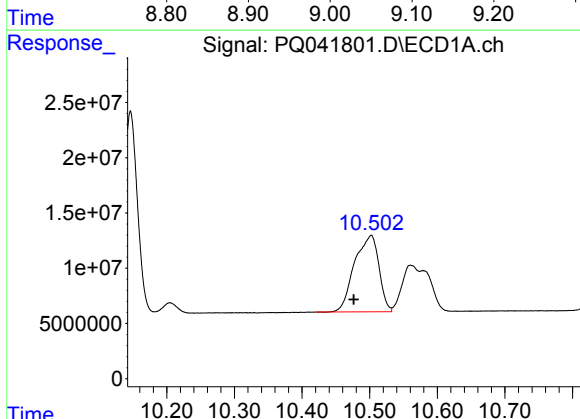
R.T.: 10.146 min
Delta R.T.: 0.004 min
Response: 262256602
Conc: 299.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



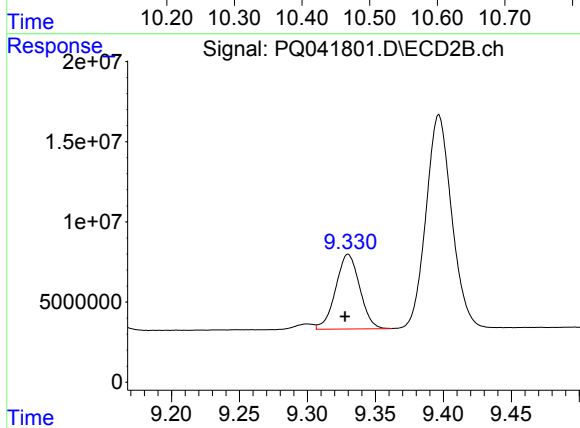
#37 AR-1262-2

R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 237425908
Conc: 320.39 ng/ml



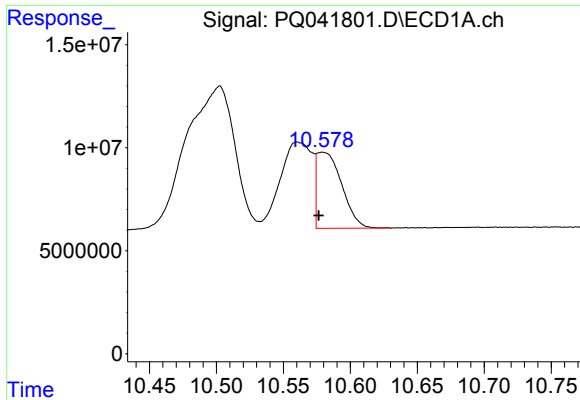
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.026 min
Response: 173402452
Conc: 273.07 ng/ml



#38 AR-1262-3

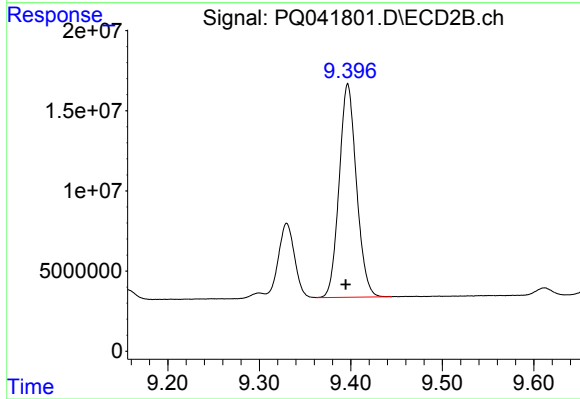
R.T.: 9.330 min
Delta R.T.: 0.002 min
Response: 57318387
Conc: 181.17 ng/ml



#39 AR-1262-4

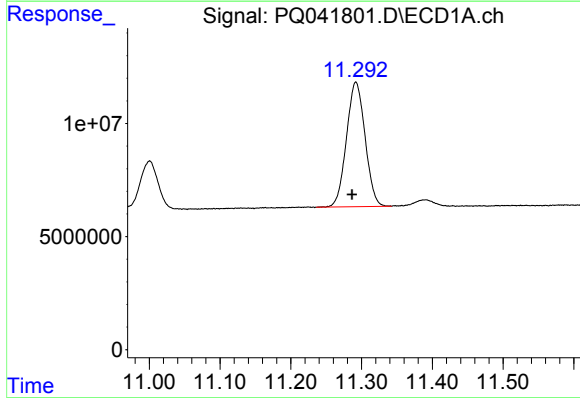
R.T.: 10.579 min
Delta R.T.: 0.003 min
Response: 48025774
Conc: 95.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



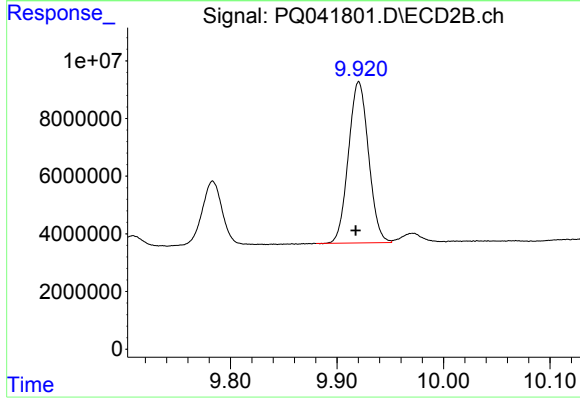
#39 AR-1262-4

R.T.: 9.397 min
Delta R.T.: 0.002 min
Response: 174900016
Conc: 311.01 ng/ml



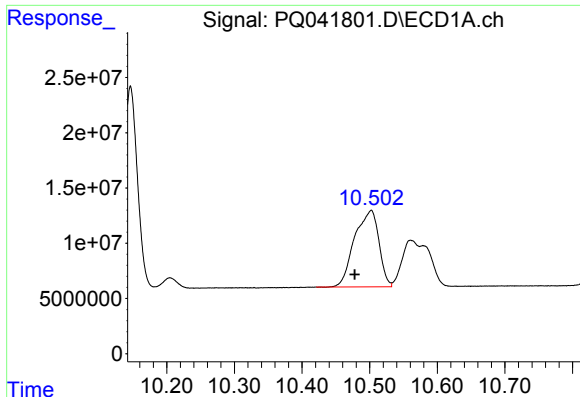
#40 AR-1262-5

R.T.: 11.292 min
Delta R.T.: 0.006 min
Response: 100376740
Conc: 246.56 ng/ml



#40 AR-1262-5

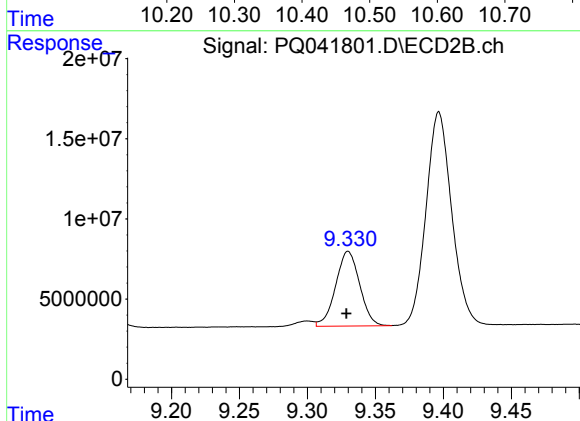
R.T.: 9.920 min
Delta R.T.: 0.003 min
Response: 73323721
Conc: 256.73 ng/ml



#41 AR-1268-1

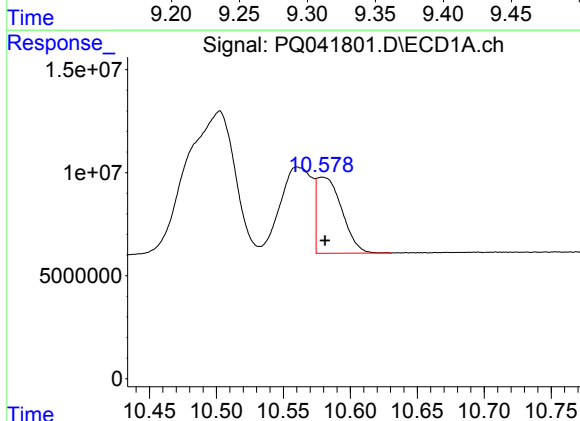
R.T.: 10.502 min
Delta R.T.: 0.024 min
Response: 173402452
Conc: 121.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



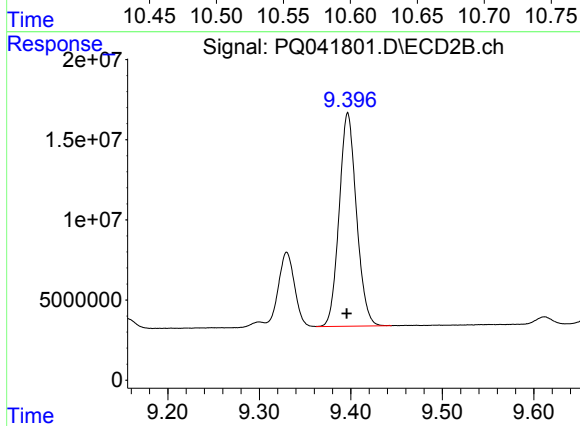
#41 AR-1268-1

R.T.: 9.330 min
Delta R.T.: 0.001 min
Response: 57318387
Conc: 50.14 ng/ml



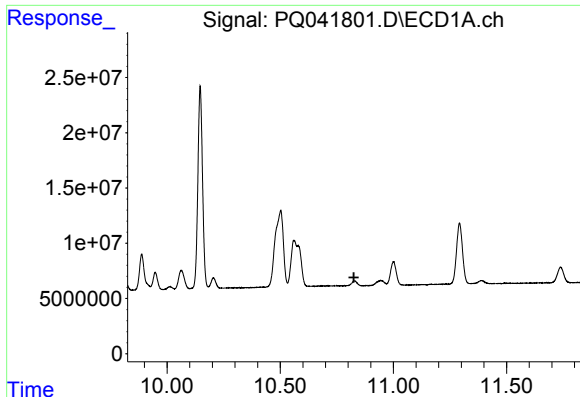
#42 AR-1268-2

R.T.: 10.579 min
Delta R.T.: -0.002 min
Response: 48025774
Conc: 36.41 ng/ml



#42 AR-1268-2

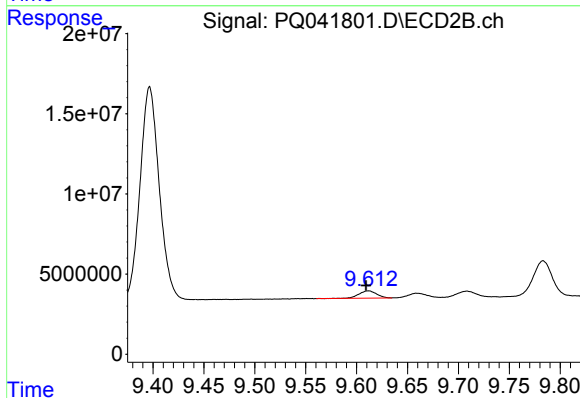
R.T.: 9.397 min
Delta R.T.: 0.001 min
Response: 174900016
Conc: 170.38 ng/ml



#43 AR-1268-3

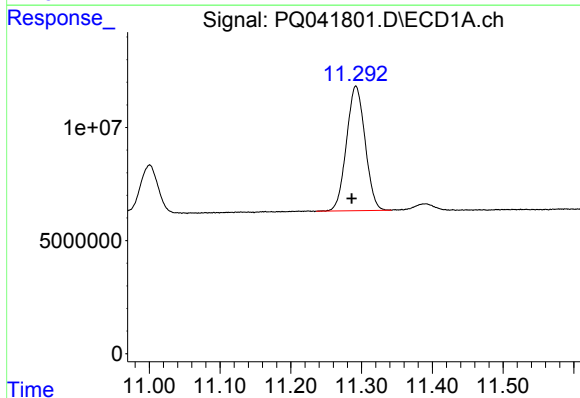
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



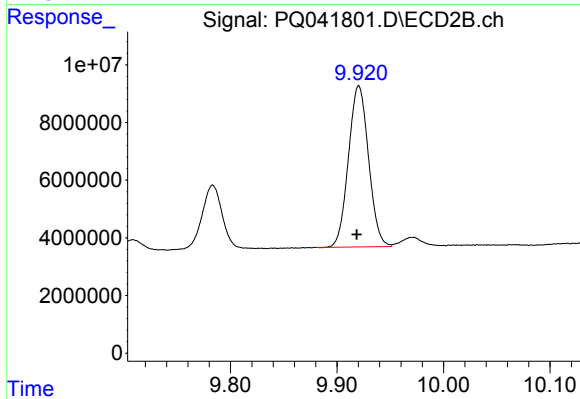
#43 AR-1268-3

R.T.: 9.612 min
Delta R.T.: 0.002 min
Response: 5439027
Conc: 6.26 ng/ml



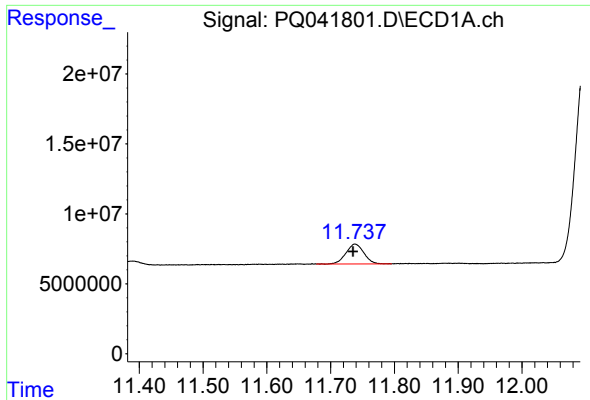
#44 AR-1268-4

R.T.: 11.292 min
Delta R.T.: 0.006 min
Response: 100376740
Conc: 184.37 ng/ml



#44 AR-1268-4

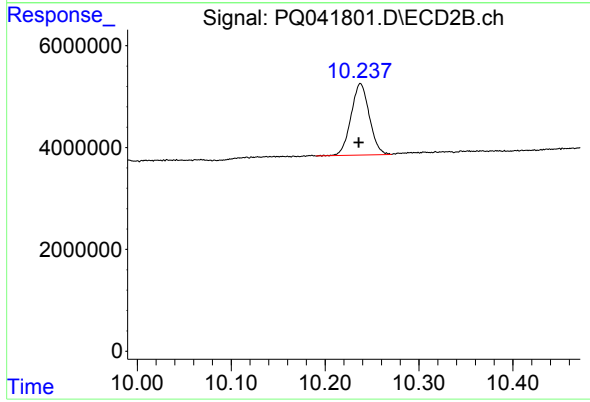
R.T.: 9.920 min
Delta R.T.: 0.002 min
Response: 73323721
Conc: 190.62 ng/ml



#45 AR-1268-5

R.T.: 11.738 min
Delta R.T.: 0.003 min
Response: 27539191
Conc: 6.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 18988817
Conc: 7.31 ng/ml