

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
 Data File : PQ041848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 01:45
 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 04:23:30 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...	5.697	4.755	38239016	31771937	16.674	16.486
2)	SA Decachlor...	12.095	10.511	310.9E6	209.2E6	36.869	43.255
Target Compounds							
3)	L1 AR-1016-1	7.143	6.208	39758773	37862962	367.850	364.876
4)	L1 AR-1016-2	7.168	6.230	57663744	52655914	368.393	367.531
5)	L1 AR-1016-3	7.239	6.444	35281155	28562152	364.746	383.014
6)	L1 AR-1016-4	7.352	6.499	29719906	23346485	380.955	376.494
7)	L1 AR-1016-5	7.685	6.751	29605210	30799289	376.608	378.354
8)	L2 AR-1221-1	0.000	5.061	0	2271772	N.D.	110.327 #
9)	L2 AR-1221-2	0.000	5.180	0	3281972	N.D.	205.512 #
10)	L2 AR-1221-3	6.182	5.283	15135347	14690967	245.923	269.401
11)	L3 AR-1232-1	6.182	5.283	15135347	14690967	279.682	304.238
12)	L3 AR-1232-2	6.826	6.230	24978731	52655914	760.232	923.337
13)	L3 AR-1232-3	7.168	6.444	57663744	28562152	863.702	957.834
14)	L3 AR-1232-4	7.352	6.547	29719906	28835907	926.528	1080.130
15)	L3 AR-1232-5	7.457	6.751	23125663	30799289	1076.099	1050.233
16)	L4 AR-1242-1	7.143	6.208	39758773	37862962	444.485	462.648
17)	L4 AR-1242-2	7.168	6.230	57663744	52655914	448.426	466.238
18)	L4 AR-1242-3	7.239	6.444	35281155	28562152	435.106	483.509
19)	L4 AR-1242-4	7.352	6.547	29719906	28835907	462.296	486.294
20)	L4 AR-1242-5	0.000	7.159	0	25890475	N.D.	291.578 #
21)	L5 AR-1248-1	7.143	6.208	39758773	37862962	536.295	571.052
22)	L5 AR-1248-2	7.457	6.499	23125663	23346485	250.649	267.773
23)	L5 AR-1248-3	7.685	6.547	29605210	28835907	264.235	323.071
24)	L5 AR-1248-4	8.102	6.751	15638560	30799289	100.018	279.634 #
25)	L5 AR-1248-5	0.000	7.206	0	5156362	N.D.	40.229 #
26)	L6 AR-1254-1	8.102	7.159	15638560	25890475	112.415	141.567 #
27)	L6 AR-1254-2	8.340	7.328	25432003	24867415	111.114	153.625 #
28)	L6 AR-1254-3	8.734	7.791	16662095	51835355	60.938	179.730 #
29)	L6 AR-1254-4	9.036	8.024	13985177	9117263	56.810	42.001 #
30)	L6 AR-1254-5	9.473	8.469	121.1E6	113.7E6	447.029	378.149
31)	L7 AR-1260-1	8.906	7.916	68408578	73296722	384.566	403.995
32)	L7 AR-1260-2	9.177	8.119	96680103	100.0E6	383.233	407.714
33)	L7 AR-1260-3	9.551	8.284	86142808	87938830	375.949	413.290
34)	L7 AR-1260-4	9.794	8.782	98219950	84437866	384.660	417.411
35)	L7 AR-1260-5	10.141	9.033	249.0E6	240.0E6	369.608	406.712
36)	L8 AR-1262-1	9.613	8.565	44737451	46346964	291.080	323.055
37)	L8 AR-1262-2	10.141	9.033	249.0E6	240.0E6	284.395	323.919
38)	L8 AR-1262-3	10.498	9.327	168.7E6	59363362	265.632	187.638 #
39)	L8 AR-1262-4	10.556	9.393	114.1E6	181.1E6	227.931	322.082 #
40)	L8 AR-1262-5	11.286	9.917	95409648	74609795	234.359	261.234
41)	L9 AR-1268-1	10.498	9.327	168.7E6	59363362	118.408	51.928 #

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 Acq On : 31 Jul 2019 01:45
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

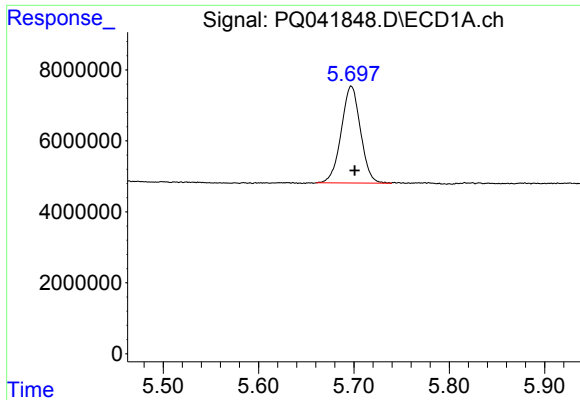
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 04:23:30 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
42) L9	AR-1268-2	10.556	9.393	114.1E6	181.1E6	86.530	176.442 #
43) L9	AR-1268-3	0.000	9.608	0	4521104	N.D.	5.203 #
44) L9	AR-1268-4	11.286	9.917	95409648	74609795	175.251	193.958
45) L9	AR-1268-5	11.732	10.234	26203585	19188042	6.465	7.387

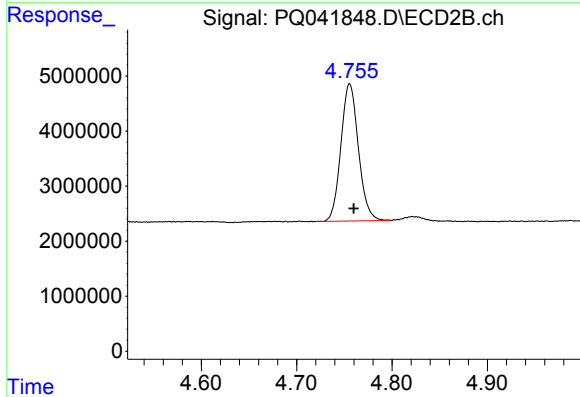
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

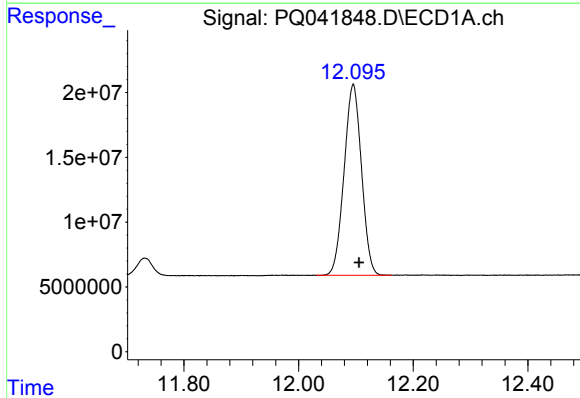
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 38239016
Conc: 16.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



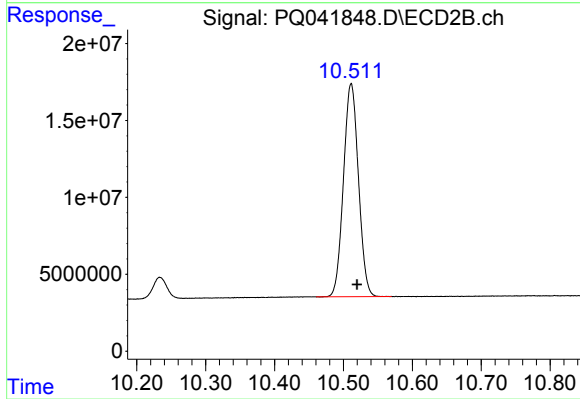
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.004 min
Response: 31771937
Conc: 16.49 ng/ml



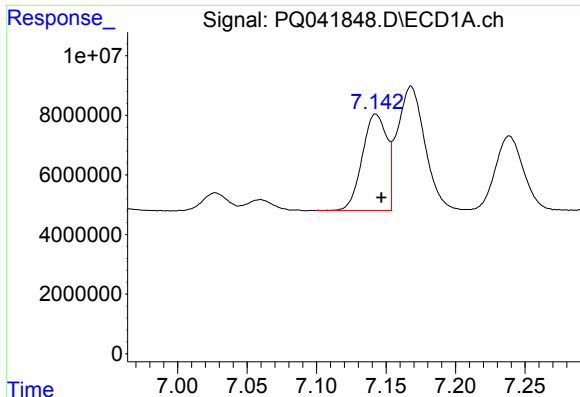
#2 Decachlorobiphenyl

R.T.: 12.095 min
Delta R.T.: -0.010 min
Response: 310856589
Conc: 36.87 ng/ml



#2 Decachlorobiphenyl

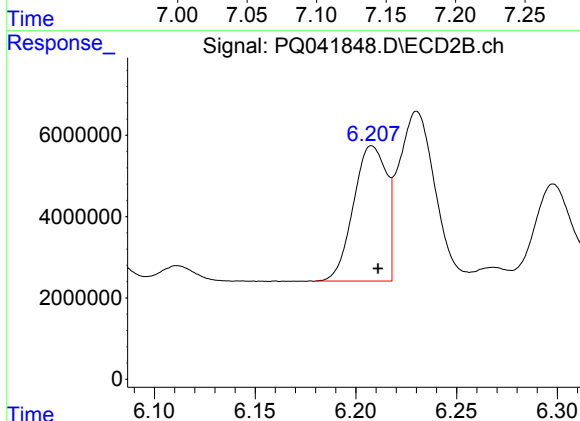
R.T.: 10.511 min
Delta R.T.: -0.009 min
Response: 209239957
Conc: 43.26 ng/ml



#3 AR-1016-1

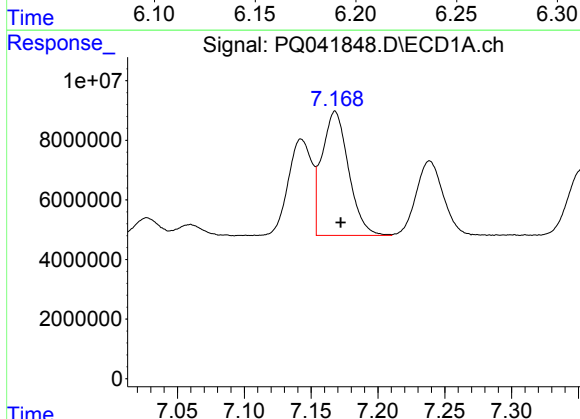
R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 39758773
Conc: 367.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



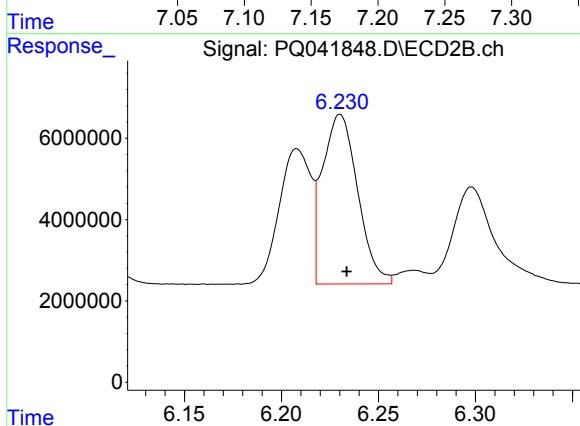
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 37862962
Conc: 364.88 ng/ml



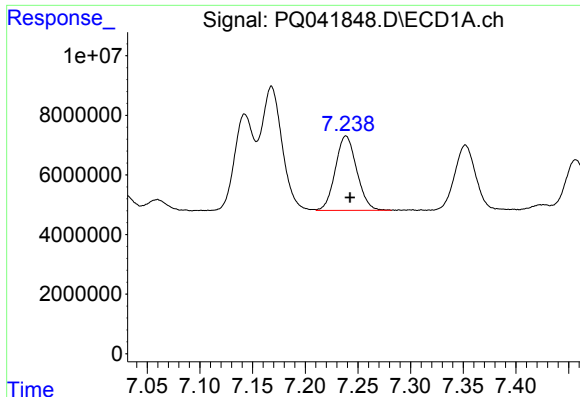
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 57663744
Conc: 368.39 ng/ml



#4 AR-1016-2

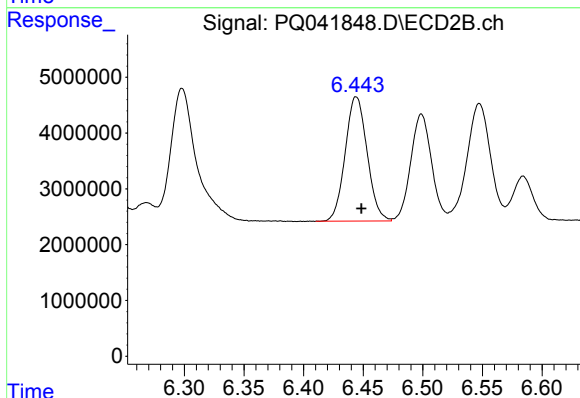
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 52655914
Conc: 367.53 ng/ml



#5 AR-1016-3

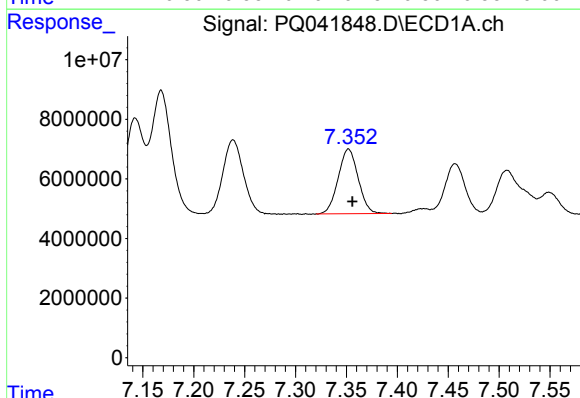
R.T.: 7.239 min
Delta R.T.: -0.004 min
Response: 35281155
Conc: 364.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



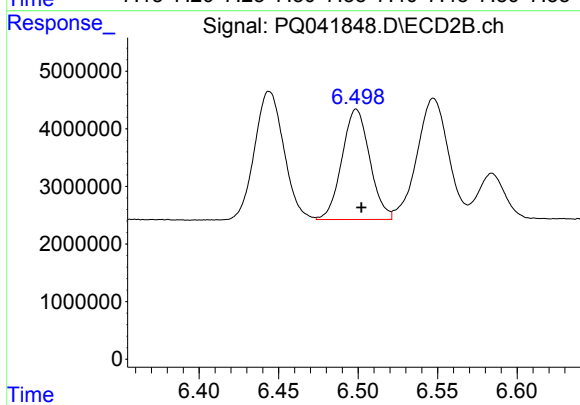
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 28562152
Conc: 383.01 ng/ml



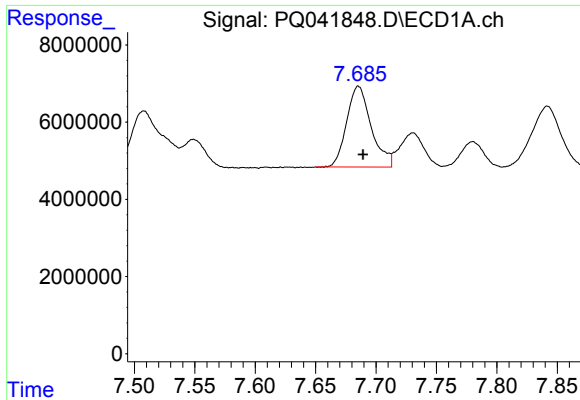
#6 AR-1016-4

R.T.: 7.352 min
Delta R.T.: -0.004 min
Response: 29719906
Conc: 380.96 ng/ml



#6 AR-1016-4

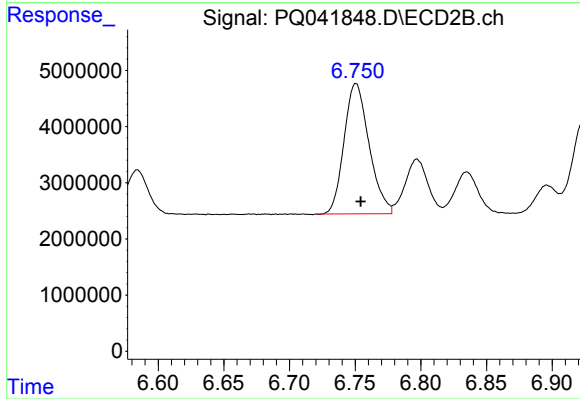
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 23346485
Conc: 376.49 ng/ml



#7 AR-1016-5

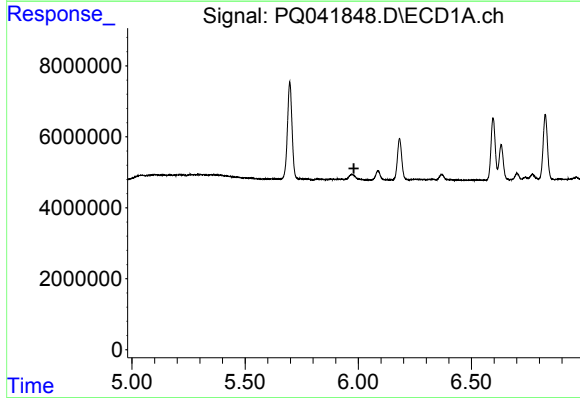
R.T.: 7.685 min
Delta R.T.: -0.004 min
Response: 29605210
Conc: 376.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



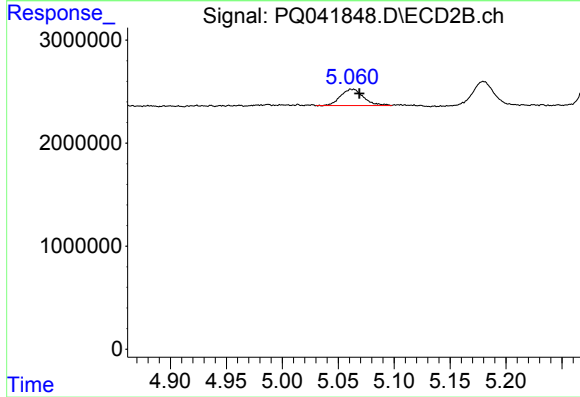
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 30799289
Conc: 378.35 ng/ml



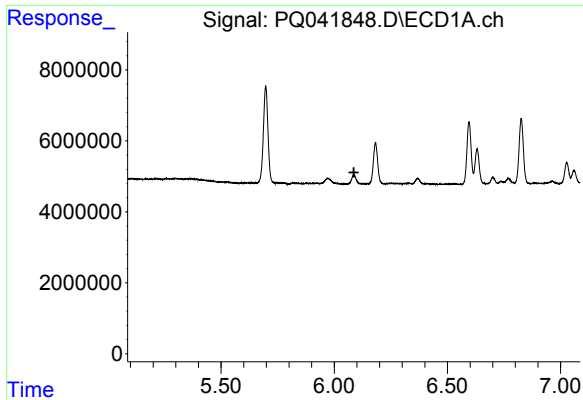
#8 AR-1221-1

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



#8 AR-1221-1

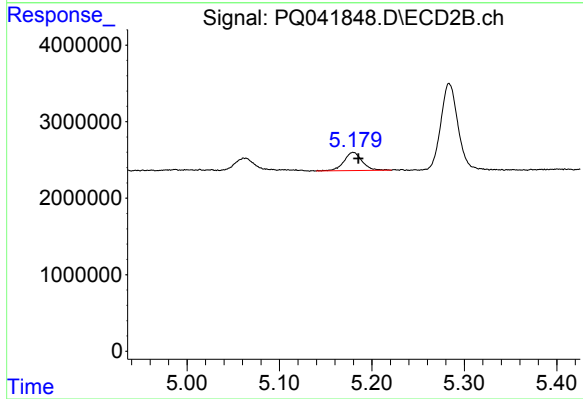
R.T.: 5.061 min
Delta R.T.: -0.008 min
Response: 2271772
Conc: 110.33 ng/ml



#9 AR-1221-2

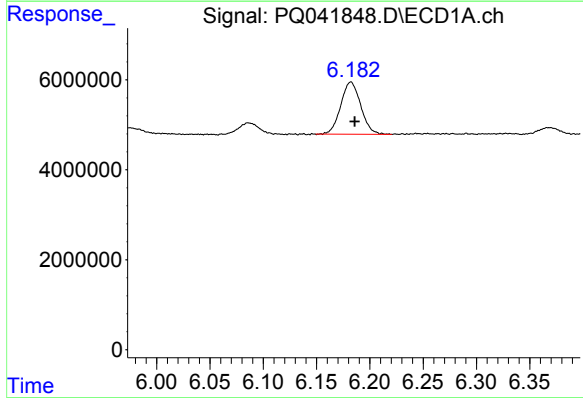
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



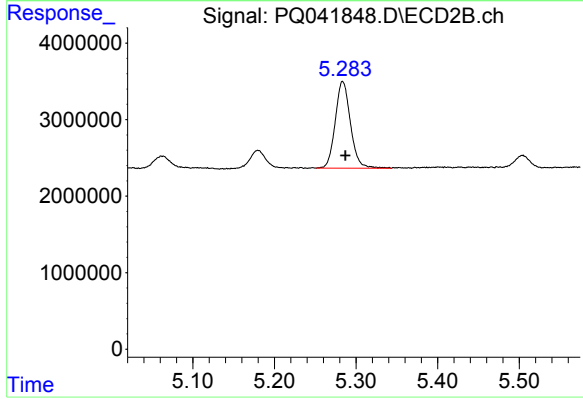
#9 AR-1221-2

R.T.: 5.180 min
Delta R.T.: -0.006 min
Response: 3281972
Conc: 205.51 ng/ml



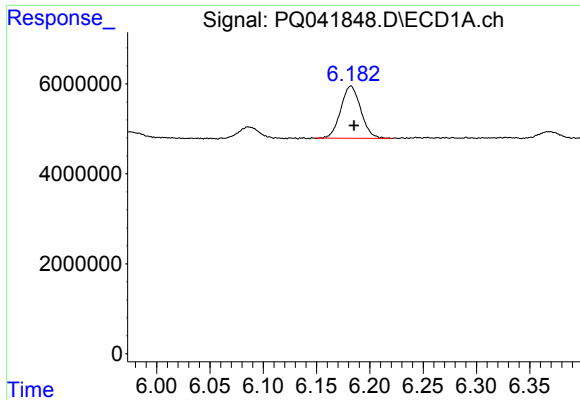
#10 AR-1221-3

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 15135347
Conc: 245.92 ng/ml



#10 AR-1221-3

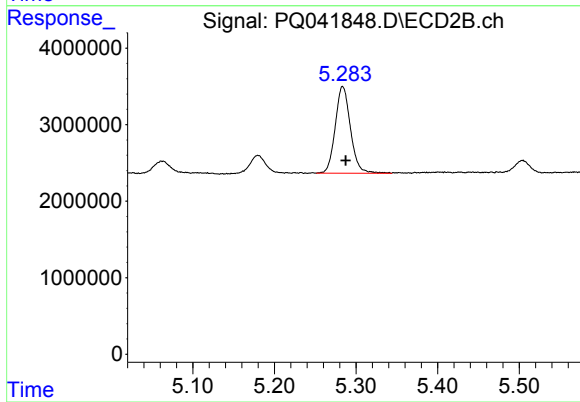
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 14690967
Conc: 269.40 ng/ml



#11 AR-1232-1

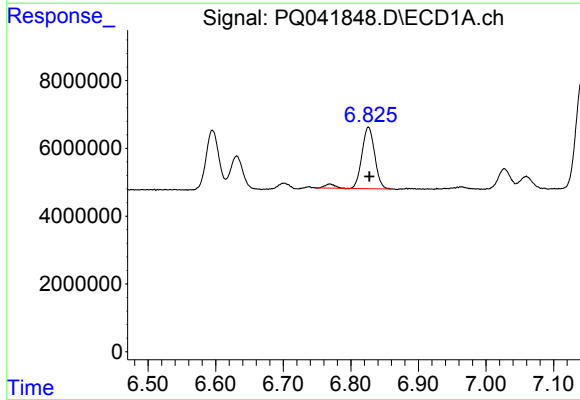
R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 15135347
Conc: 279.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



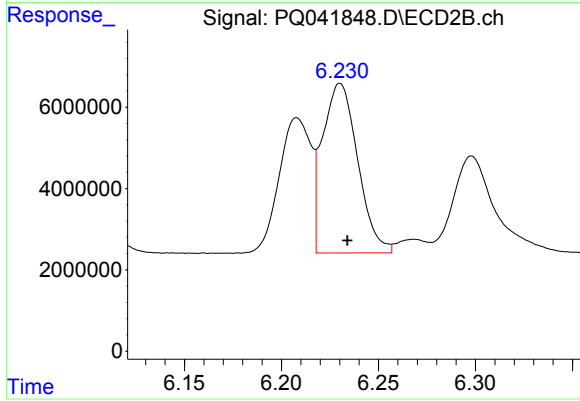
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 14690967
Conc: 304.24 ng/ml



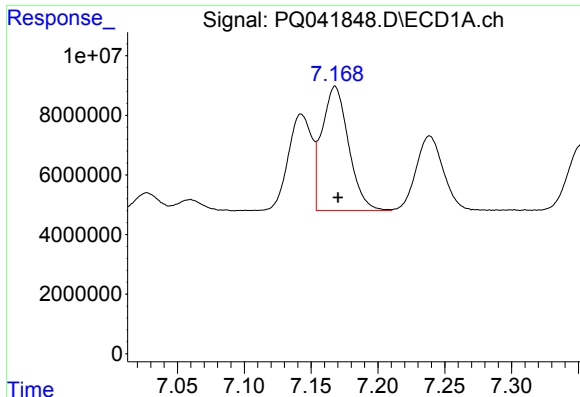
#12 AR-1232-2

R.T.: 6.826 min
Delta R.T.: -0.002 min
Response: 24978731
Conc: 760.23 ng/ml



#12 AR-1232-2

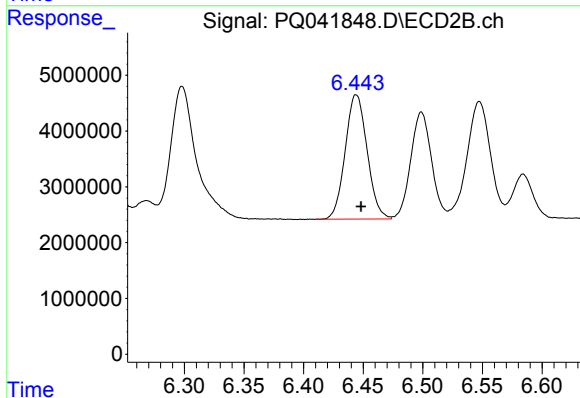
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 52655914
Conc: 923.34 ng/ml



#13 AR-1232-3

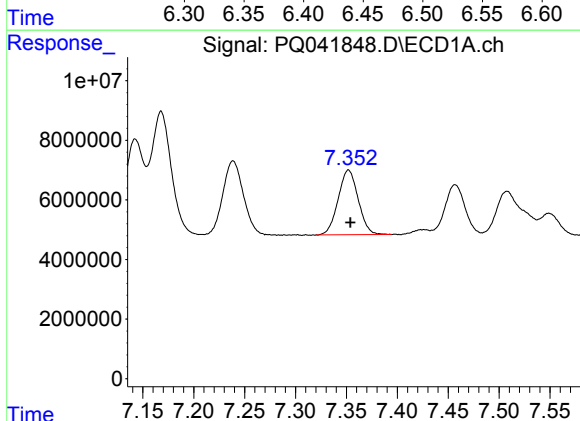
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 57663744
Conc: 863.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



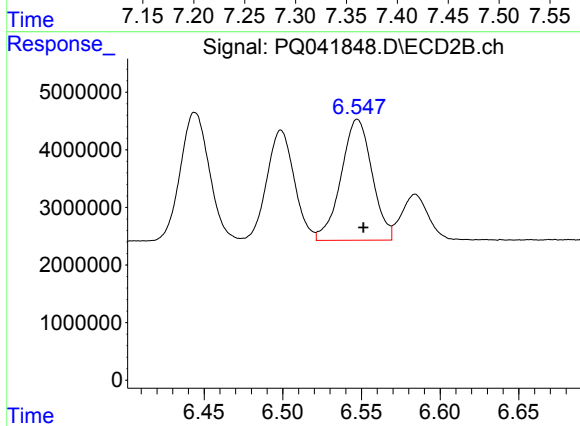
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 28562152
Conc: 957.83 ng/ml



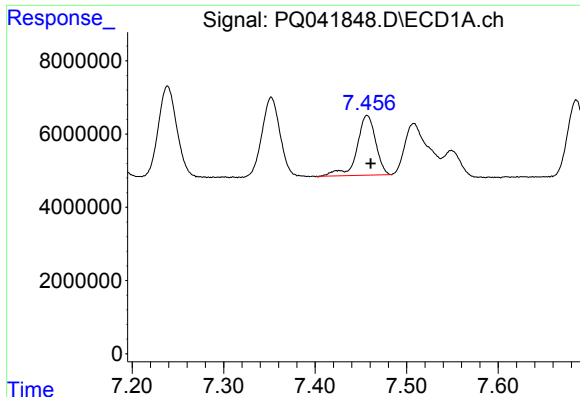
#14 AR-1232-4

R.T.: 7.352 min
Delta R.T.: -0.002 min
Response: 29719906
Conc: 926.53 ng/ml



#14 AR-1232-4

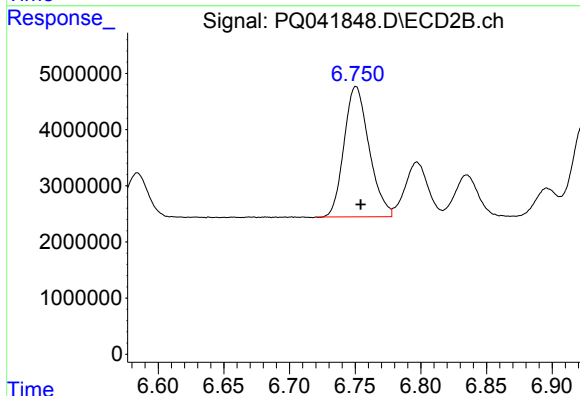
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 28835907
Conc: 1080.13 ng/ml



#15 AR-1232-5

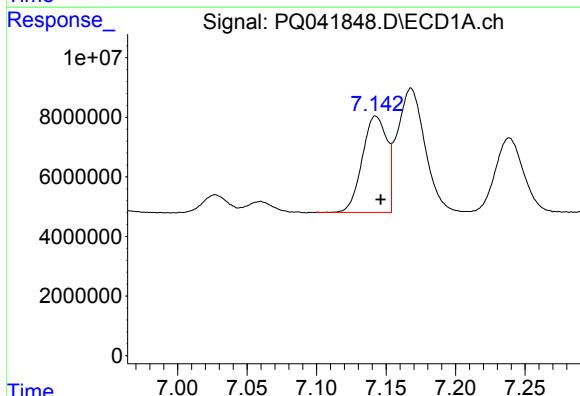
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 23125663
Conc: 1076.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



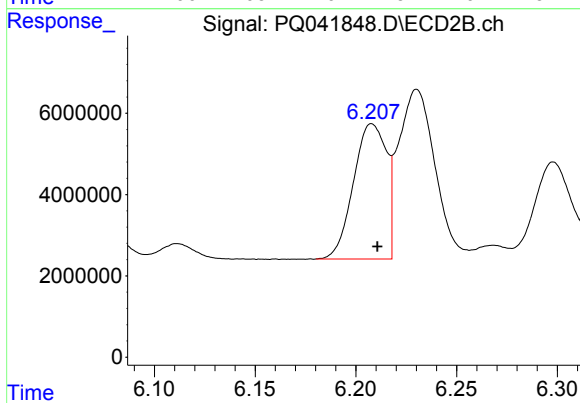
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 30799289
Conc: 1050.23 ng/ml



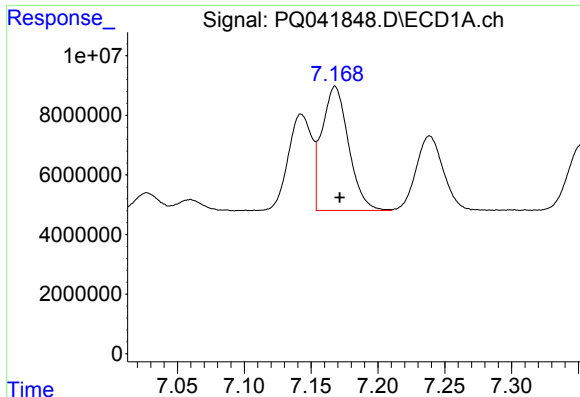
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 39758773
Conc: 444.48 ng/ml



#16 AR-1242-1

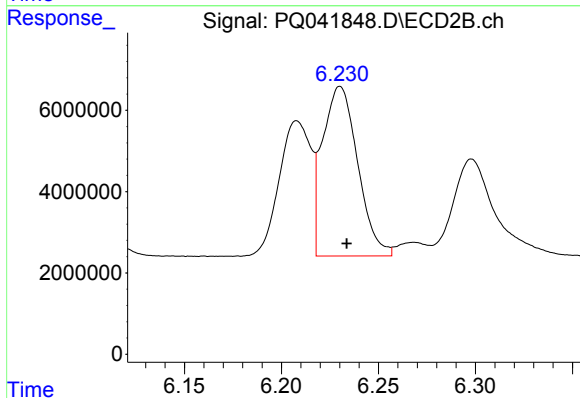
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 37862962
Conc: 462.65 ng/ml



#17 AR-1242-2

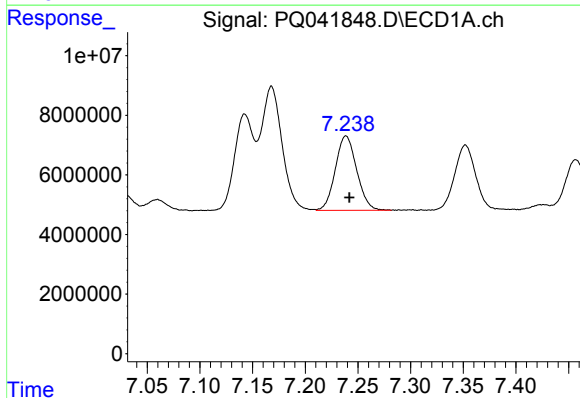
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 57663744
Conc: 448.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



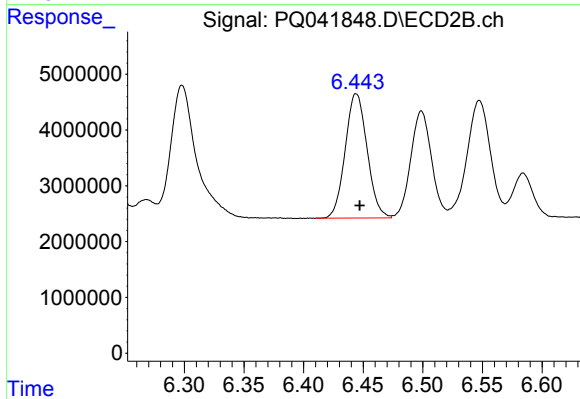
#17 AR-1242-2

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 52655914
Conc: 466.24 ng/ml



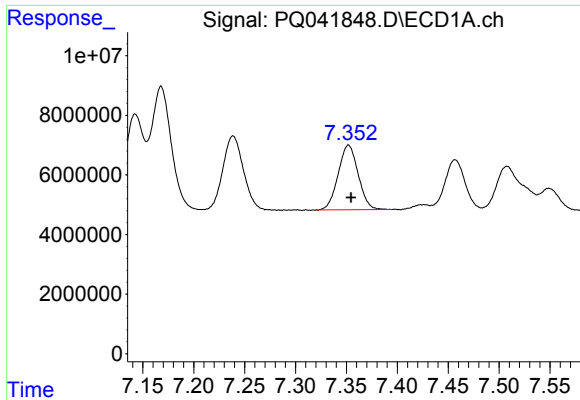
#18 AR-1242-3

R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 35281155
Conc: 435.11 ng/ml



#18 AR-1242-3

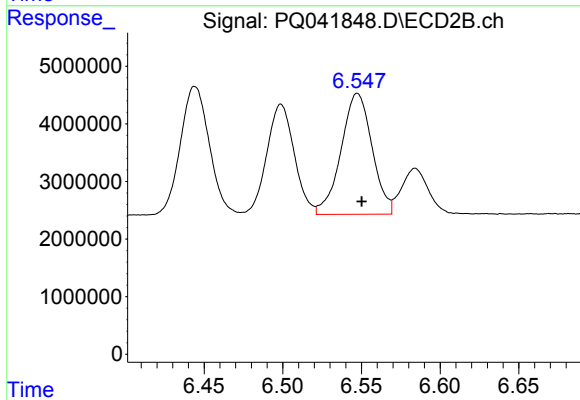
R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 28562152
Conc: 483.51 ng/ml



#19 AR-1242-4

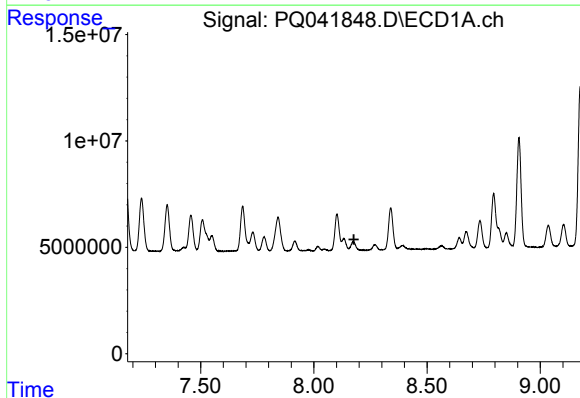
R.T.: 7.352 min
Delta R.T.: -0.003 min
Response: 29719906
Conc: 462.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



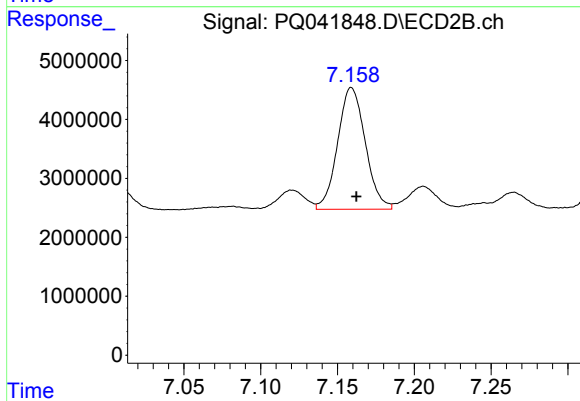
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 28835907
Conc: 486.29 ng/ml



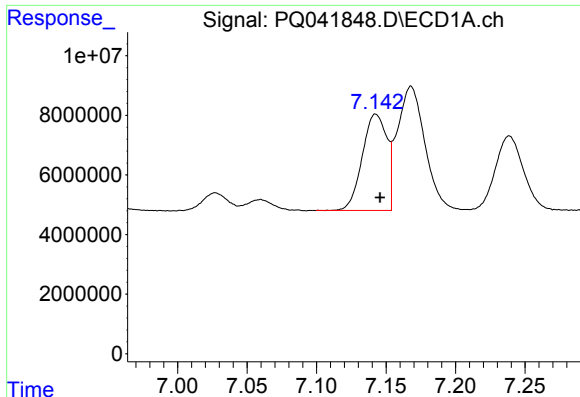
#20 AR-1242-5

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



#20 AR-1242-5

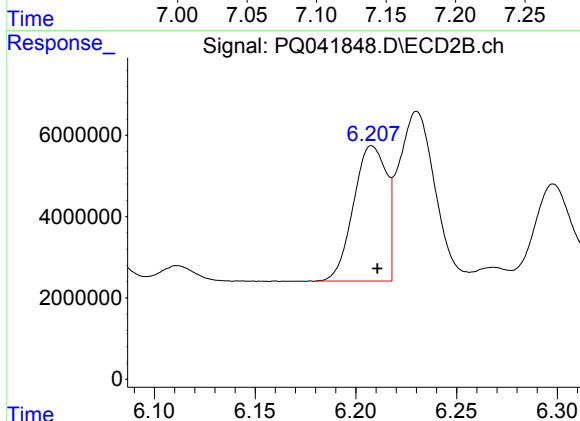
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 25890475
Conc: 291.58 ng/ml



#21 AR-1248-1

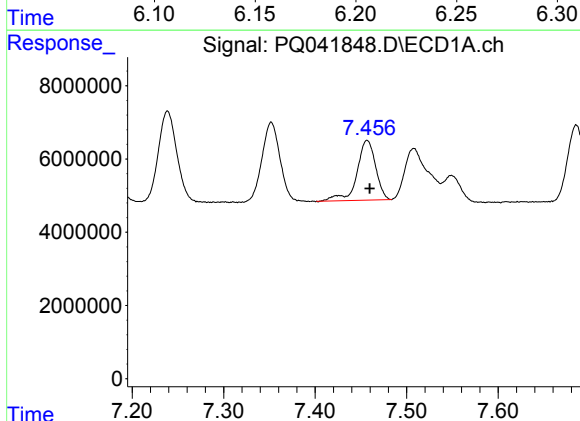
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 39758773
Conc: 536.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



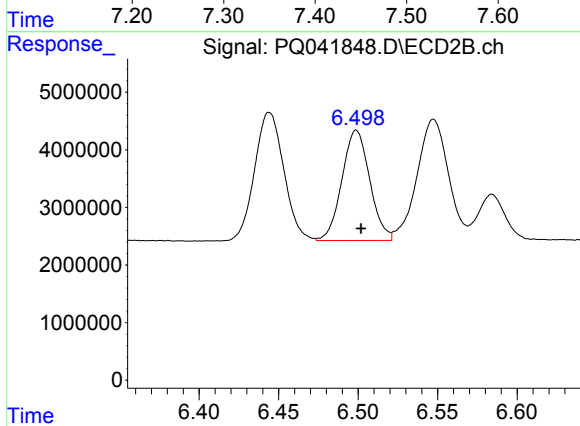
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 37862962
Conc: 571.05 ng/ml



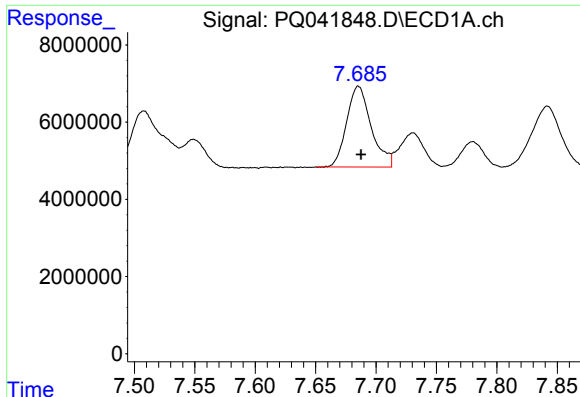
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 23125663
Conc: 250.65 ng/ml



#22 AR-1248-2

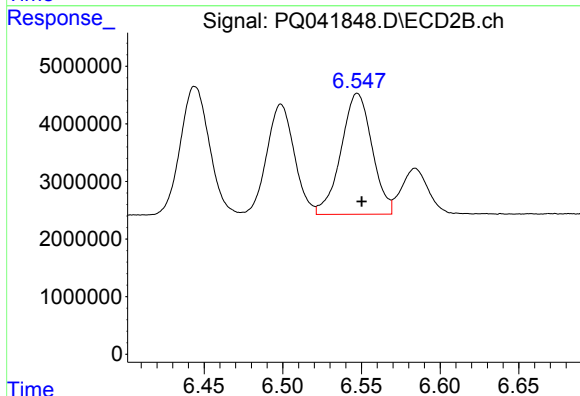
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 23346485
Conc: 267.77 ng/ml



#23 AR-1248-3

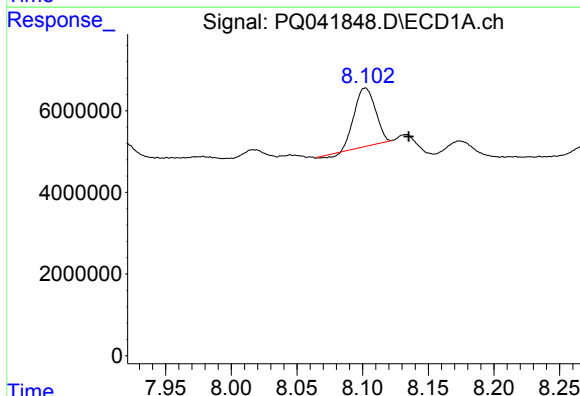
R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 29605210
Conc: 264.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



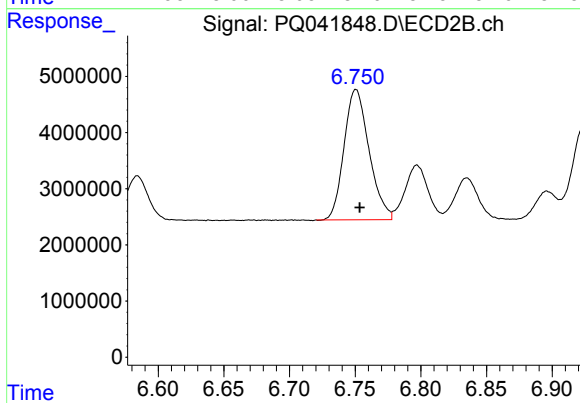
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 28835907
Conc: 323.07 ng/ml



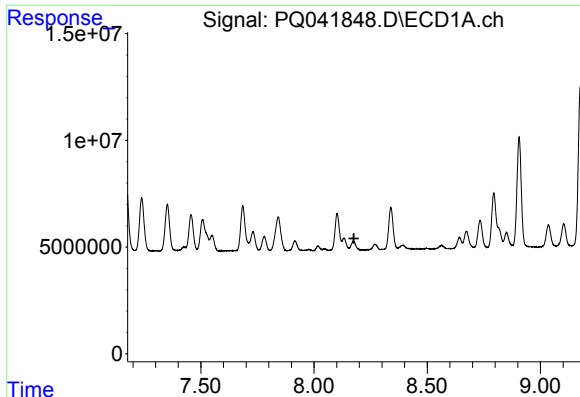
#24 AR-1248-4

R.T.: 8.102 min
Delta R.T.: -0.033 min
Response: 15638560
Conc: 100.02 ng/ml



#24 AR-1248-4

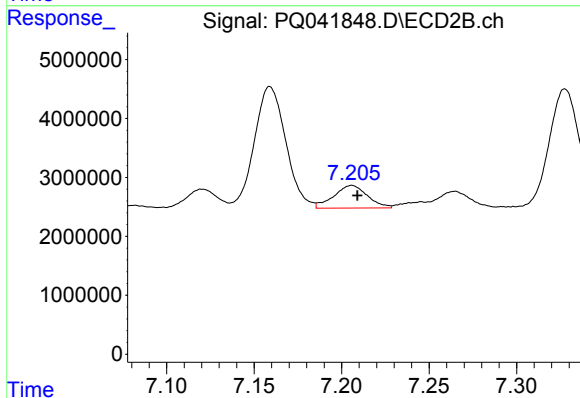
R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 30799289
Conc: 279.63 ng/ml



#25 AR-1248-5

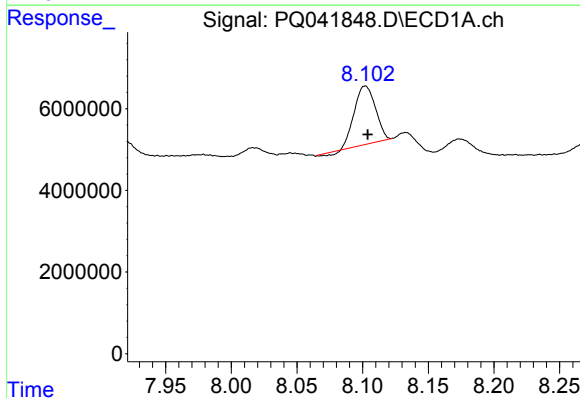
R.T.: 0.000 min
Exp R.T.: 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



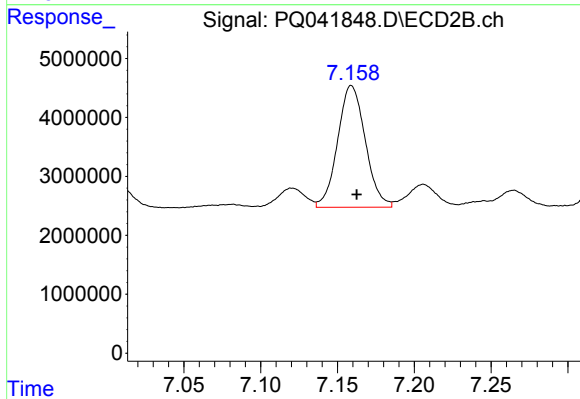
#25 AR-1248-5

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 5156362
Conc: 40.23 ng/ml



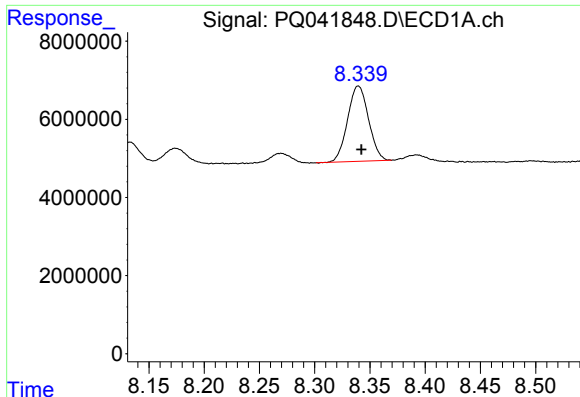
#26 AR-1254-1

R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 15638560
Conc: 112.41 ng/ml



#26 AR-1254-1

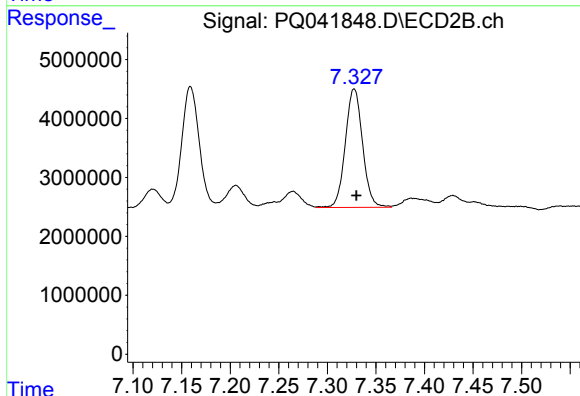
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 25890475
Conc: 141.57 ng/ml



#27 AR-1254-2

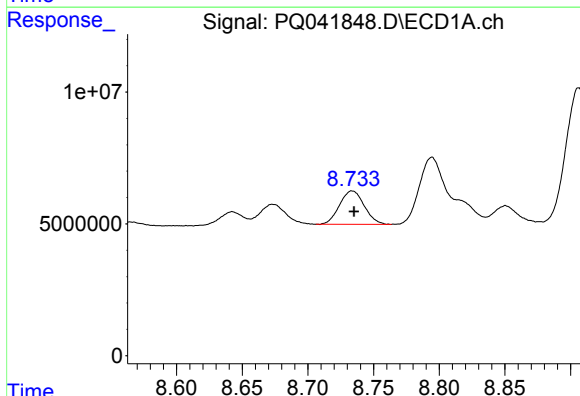
R.T.: 8.340 min
Delta R.T.: -0.003 min
Response: 25432003
Conc: 111.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



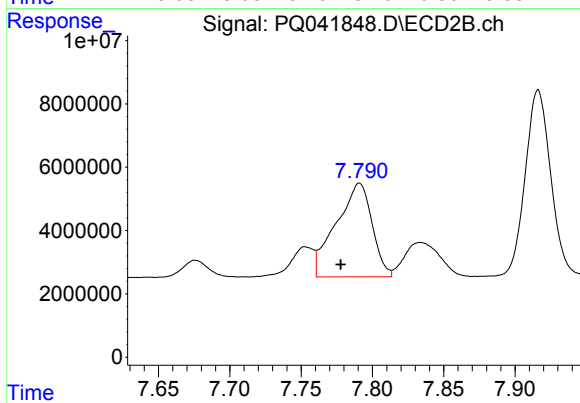
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 24867415
Conc: 153.62 ng/ml



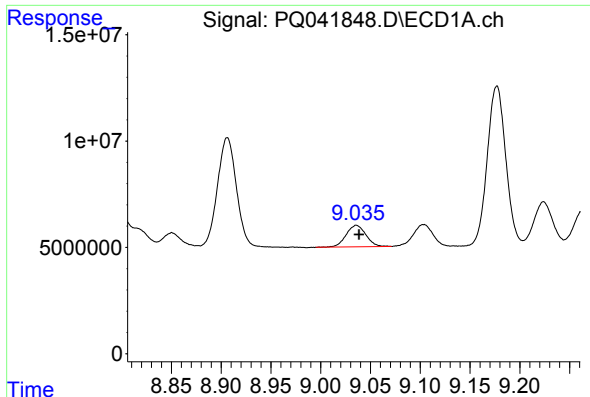
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: -0.002 min
Response: 16662095
Conc: 60.94 ng/ml



#28 AR-1254-3

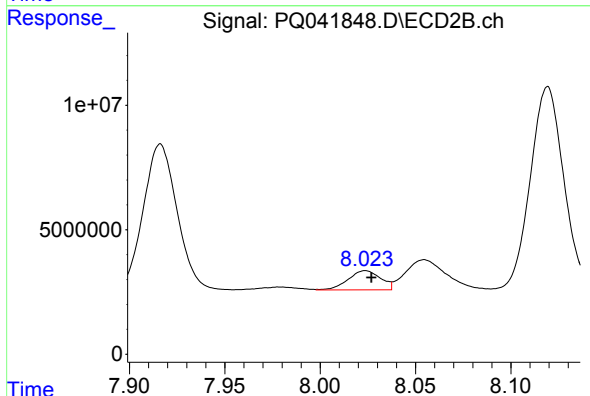
R.T.: 7.791 min
Delta R.T.: 0.013 min
Response: 51835355
Conc: 179.73 ng/ml



#29 AR-1254-4

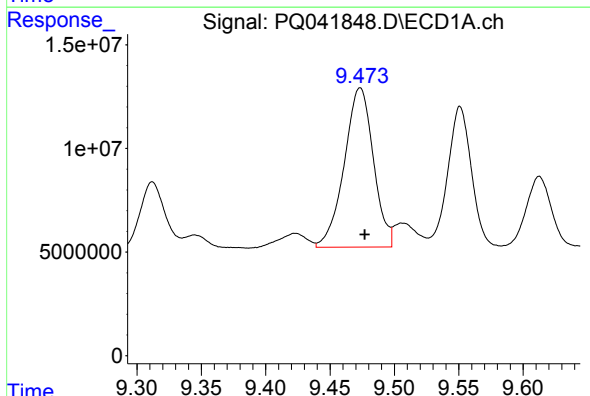
R.T.: 9.036 min
Delta R.T.: -0.003 min
Response: 13985177
Conc: 56.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



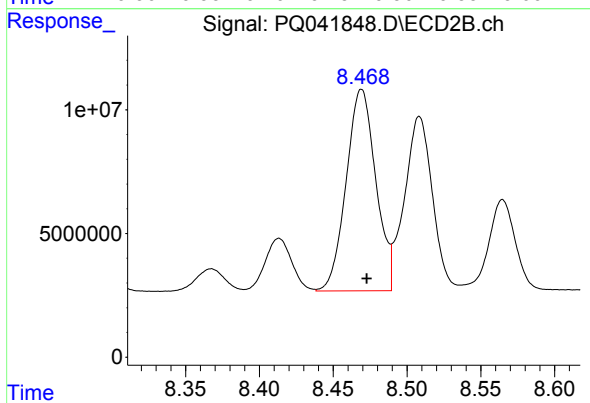
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 9117263
Conc: 42.00 ng/ml



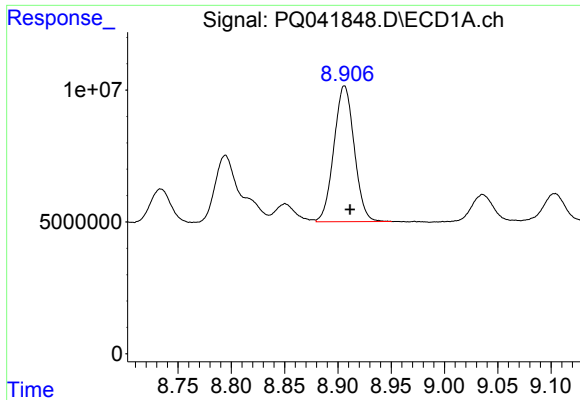
#30 AR-1254-5

R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 121075835
Conc: 447.03 ng/ml



#30 AR-1254-5

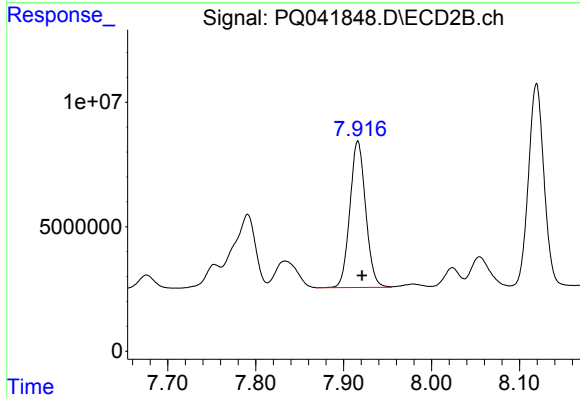
R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 113735166
Conc: 378.15 ng/ml



#31 AR-1260-1

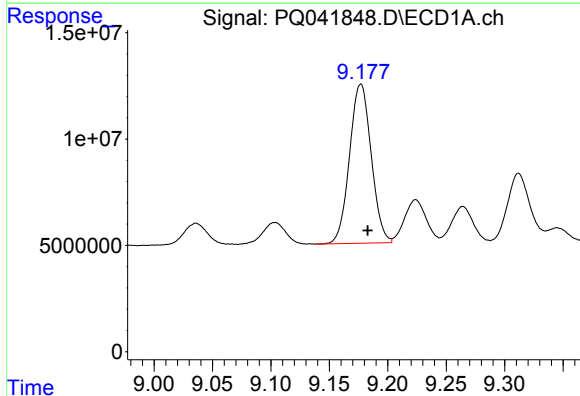
R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 68408578
Conc: 384.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



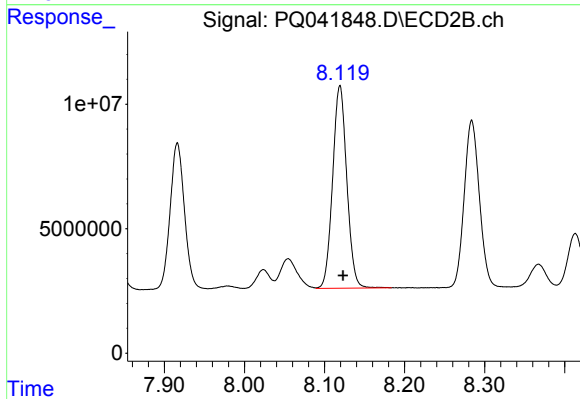
#31 AR-1260-1

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 73296722
Conc: 404.00 ng/ml



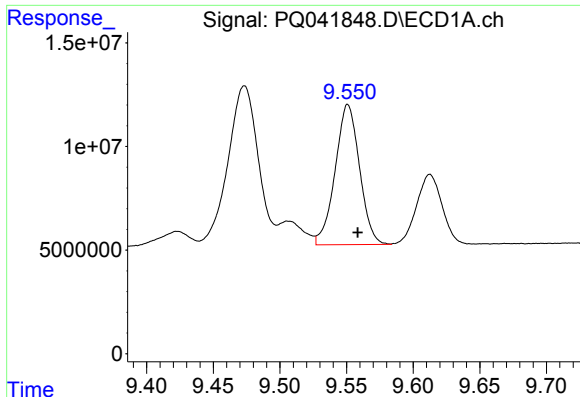
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.006 min
Response: 96680103
Conc: 383.23 ng/ml



#32 AR-1260-2

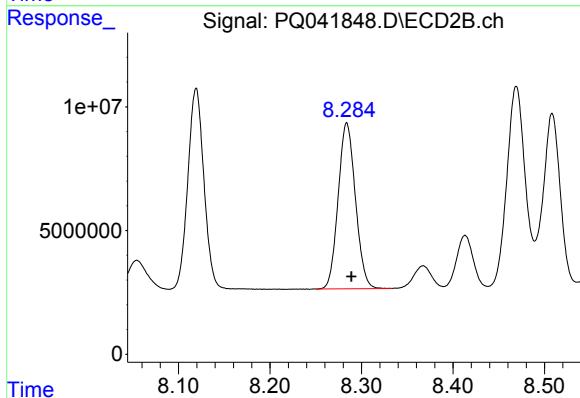
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 100026919
Conc: 407.71 ng/ml



#33 AR-1260-3

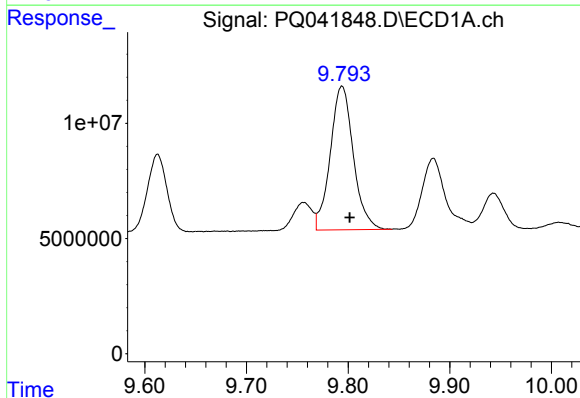
R.T.: 9.551 min
Delta R.T.: -0.007 min
Response: 86142808
Conc: 375.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



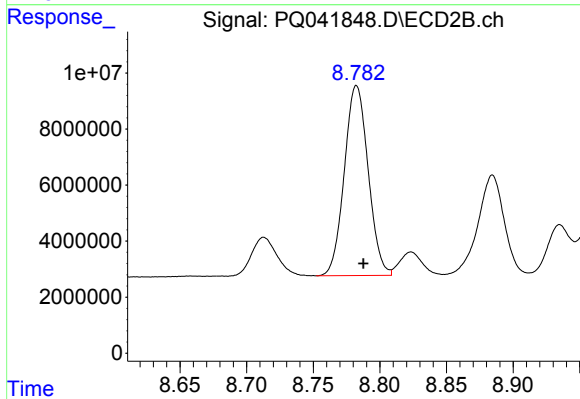
#33 AR-1260-3

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 87938830
Conc: 413.29 ng/ml



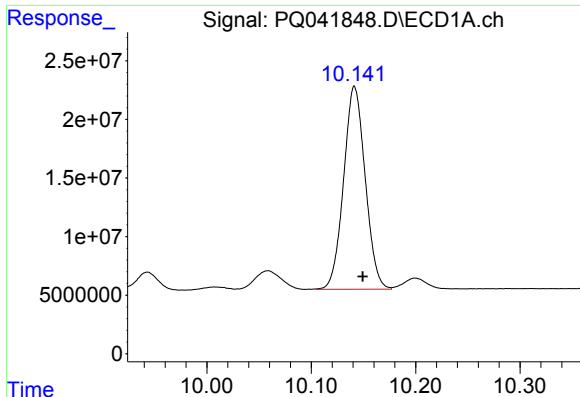
#34 AR-1260-4

R.T.: 9.794 min
Delta R.T.: -0.008 min
Response: 98219950
Conc: 384.66 ng/ml



#34 AR-1260-4

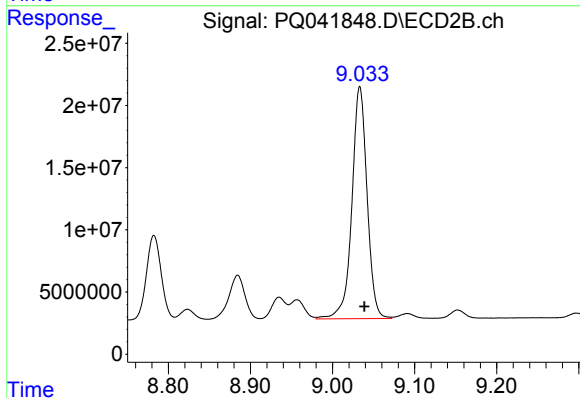
R.T.: 8.782 min
Delta R.T.: -0.005 min
Response: 84437866
Conc: 417.41 ng/ml



#35 AR-1260-5

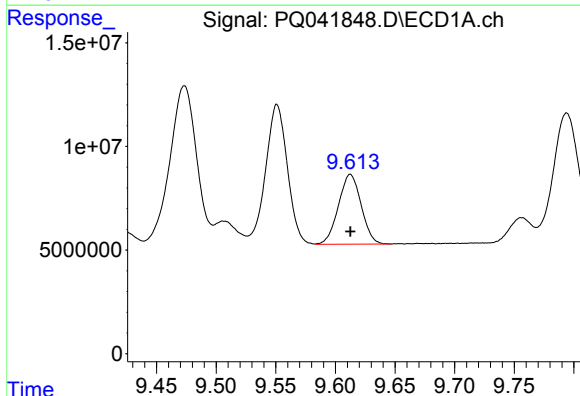
R.T.: 10.141 min
Delta R.T.: -0.008 min
Response: 248964606
Conc: 369.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



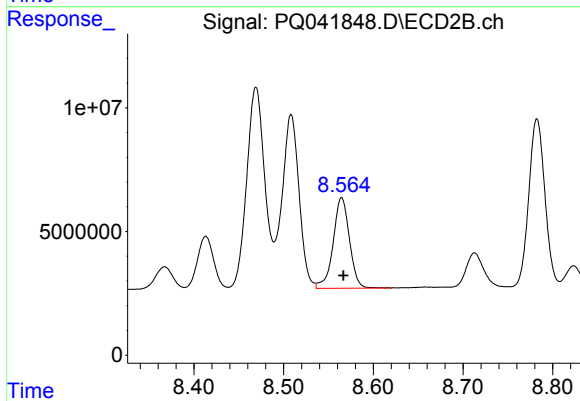
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 240041309
Conc: 406.71 ng/ml



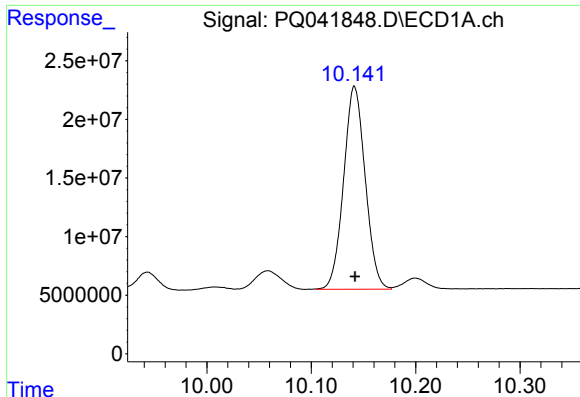
#36 AR-1262-1

R.T.: 9.613 min
Delta R.T.: 0.000 min
Response: 44737451
Conc: 291.08 ng/ml



#36 AR-1262-1

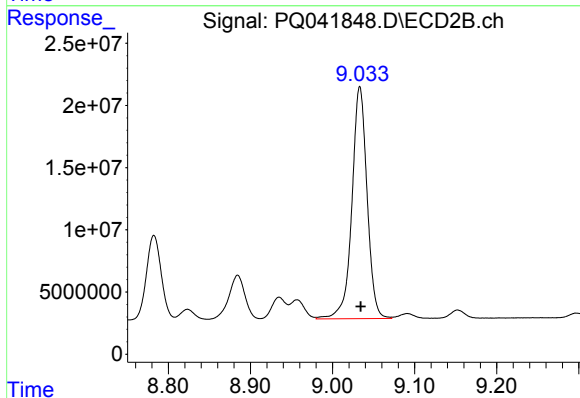
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 46346964
Conc: 323.05 ng/ml



#37 AR-1262-2

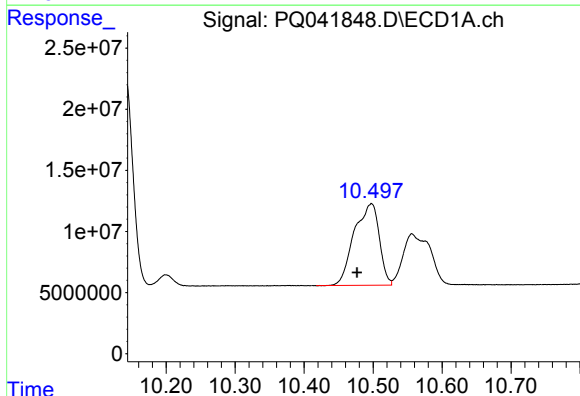
R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 248964606
Conc: 284.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



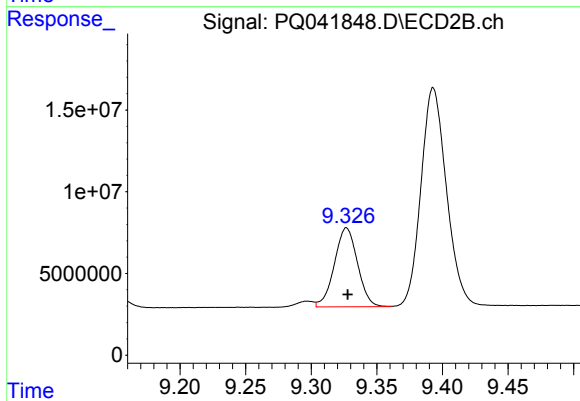
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 240041309
Conc: 323.92 ng/ml



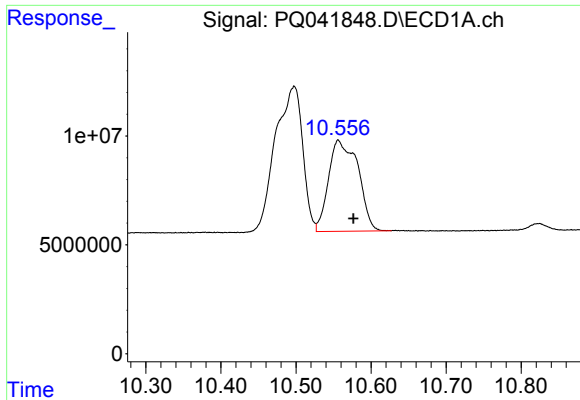
#38 AR-1262-3

R.T.: 10.498 min
Delta R.T.: 0.021 min
Response: 168678732
Conc: 265.63 ng/ml



#38 AR-1262-3

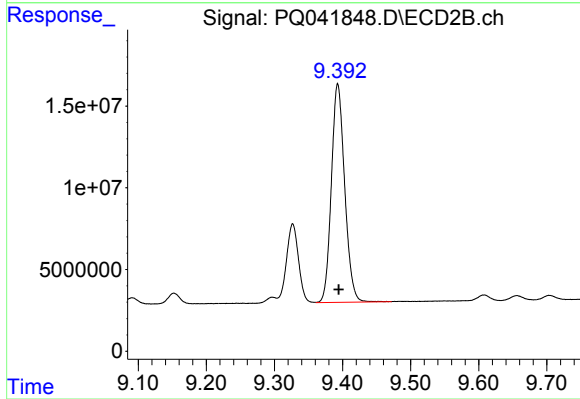
R.T.: 9.327 min
Delta R.T.: 0.000 min
Response: 59363362
Conc: 187.64 ng/ml



#39 AR-1262-4

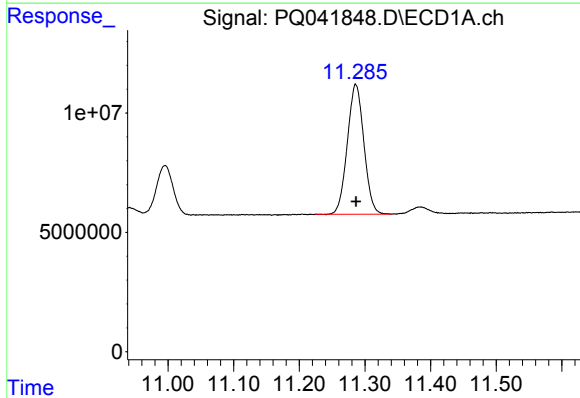
R.T.: 10.556 min
Delta R.T.: -0.020 min
Response: 114126844
Conc: 227.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



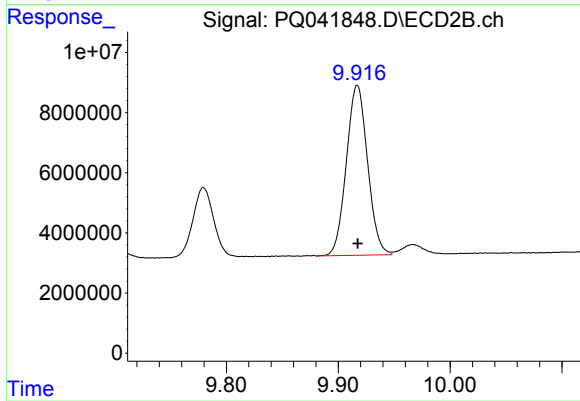
#39 AR-1262-4

R.T.: 9.393 min
Delta R.T.: -0.002 min
Response: 181128384
Conc: 322.08 ng/ml



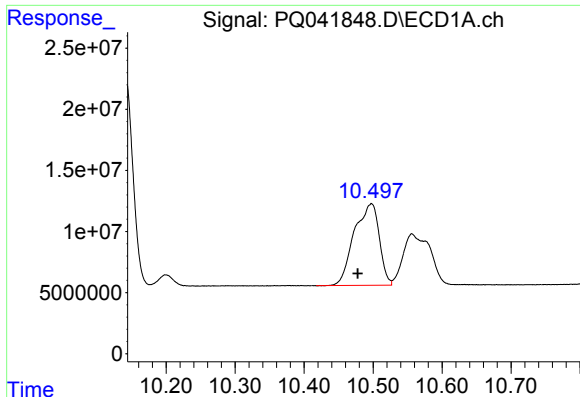
#40 AR-1262-5

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 95409648
Conc: 234.36 ng/ml



#40 AR-1262-5

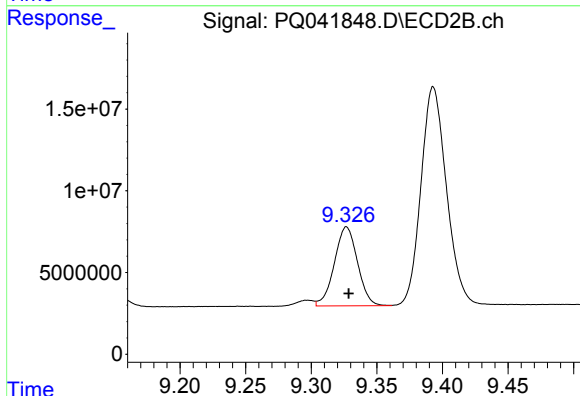
R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 74609795
Conc: 261.23 ng/ml



#41 AR-1268-1

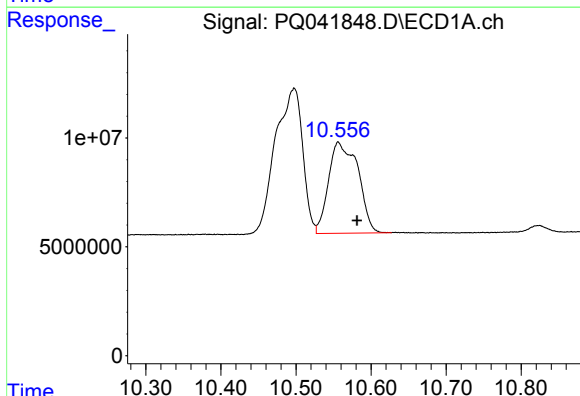
R.T.: 10.498 min
Delta R.T.: 0.020 min
Response: 168678732
Conc: 118.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



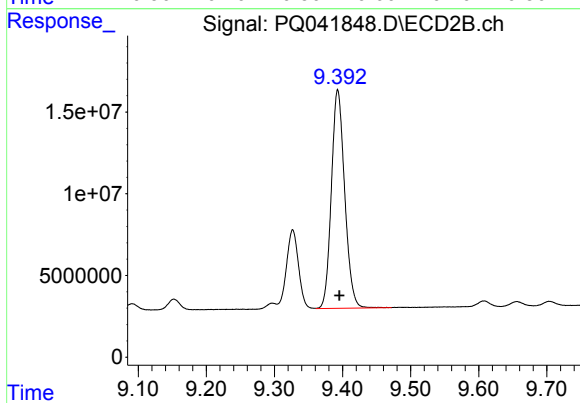
#41 AR-1268-1

R.T.: 9.327 min
Delta R.T.: -0.002 min
Response: 59363362
Conc: 51.93 ng/ml



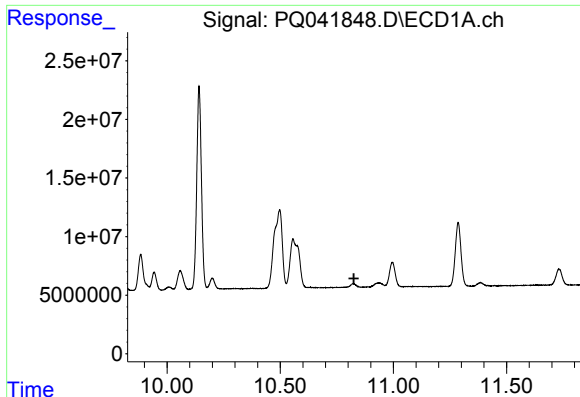
#42 AR-1268-2

R.T.: 10.556 min
Delta R.T.: -0.025 min
Response: 114126844
Conc: 86.53 ng/ml



#42 AR-1268-2

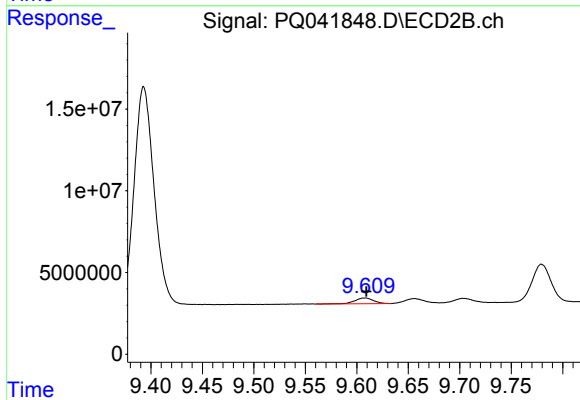
R.T.: 9.393 min
Delta R.T.: -0.003 min
Response: 181128384
Conc: 176.44 ng/ml



#43 AR-1268-3

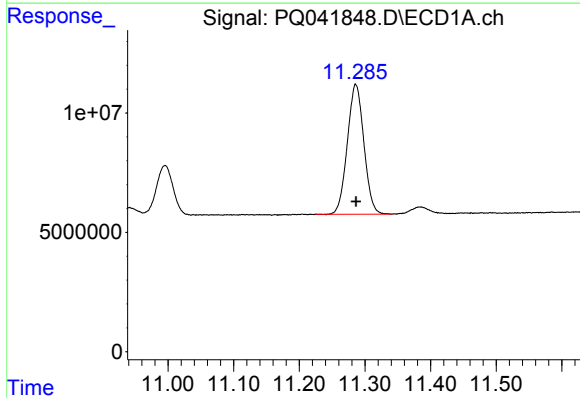
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



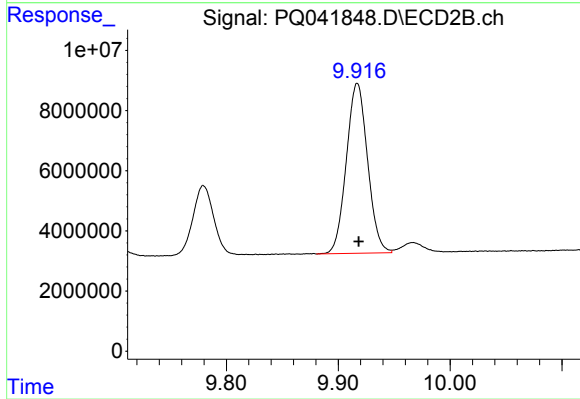
#43 AR-1268-3

R.T.: 9.608 min
Delta R.T.: -0.002 min
Response: 4521104
Conc: 5.20 ng/ml



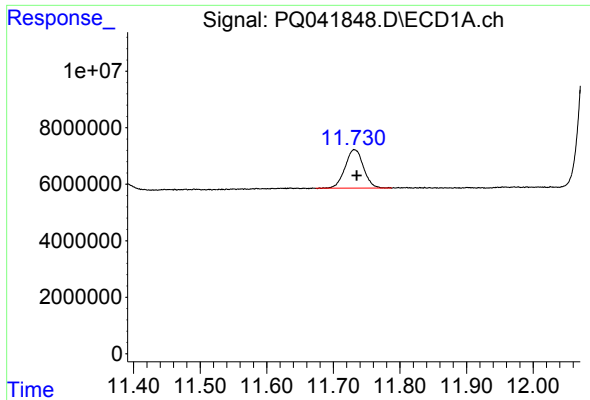
#44 AR-1268-4

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 95409648
Conc: 175.25 ng/ml



#44 AR-1268-4

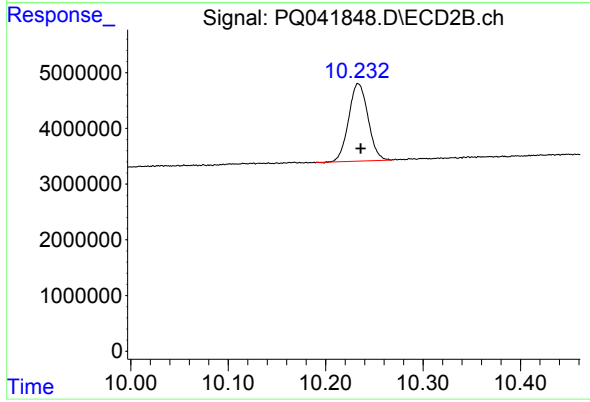
R.T.: 9.917 min
Delta R.T.: -0.001 min
Response: 74609795
Conc: 193.96 ng/ml



#45 AR-1268-5

R.T.: 11.732 min
Delta R.T.: -0.003 min
Response: 26203585
Conc: 6.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 19188042
Conc: 7.39 ng/ml