

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 16:47
 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 30 00:54:24 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...	5.699	4.757	50698755	44555984	22.106	23.119
2)	SA Decachlor...	12.101	10.516	336.2E6	216.6E6	39.880	44.773
Target Compounds							
3)	L1 AR-1016-1	7.144	6.209	47553651	46800810	439.969	451.008
4)	L1 AR-1016-2	7.168	6.231	69890882	65584238	446.508	457.769
5)	L1 AR-1016-3	7.240	6.445	42005101	34738387	434.260	465.837
6)	L1 AR-1016-4	7.353	6.500	34467418	28631095	441.809	461.715
7)	L1 AR-1016-5	7.687	6.752	34404645	35699279	437.661	438.548
8)	L2 AR-1221-1	0.000	5.064	0	2784857	N.D.	135.244 #
9)	L2 AR-1221-2	0.000	5.181	0	4284700	N.D.	268.301 #
10)	L2 AR-1221-3	6.183	5.285	19839941	18697954	322.364	342.881
11)	L3 AR-1232-1	6.183	5.285	19839941	18697954	366.617	387.220
12)	L3 AR-1232-2	6.827	6.231	29867994	65584238	909.038	1150.040 #
13)	L3 AR-1232-3	7.168	6.445	69890882	34738387	1046.844	1164.955
14)	L3 AR-1232-4	7.353	6.549	34467418	34782150	1074.534	1302.864
15)	L3 AR-1232-5	7.459	6.752	26855177	35699279	1249.643	1217.319
16)	L4 AR-1242-1	7.144	6.209	47553651	46800810	531.628	571.859
17)	L4 AR-1242-2	7.168	6.231	69890882	65584238	543.511	580.711
18)	L4 AR-1242-3	7.240	6.445	42005101	34738387	518.029	588.062
19)	L4 AR-1242-4	7.353	6.549	34467418	34782150	536.144	586.572
20)	L4 AR-1242-5	0.000	7.160	0	30184525	N.D.	339.938 #
21)	L5 AR-1248-1	7.144	6.209	47553651	46800810	641.437	705.853
22)	L5 AR-1248-2	7.459	6.500	26855177	28631095	291.071	328.385
23)	L5 AR-1248-3	7.687	6.549	34404645	34782150	307.071	389.691 #
24)	L5 AR-1248-4	8.103	6.752	17035136	35699279	108.949	324.122 #
25)	L5 AR-1248-5	0.000	7.207	0	6197415	N.D.	48.351 #
26)	L6 AR-1254-1	8.103	7.160	17035136	30184525	122.454	165.047 #
27)	L6 AR-1254-2	8.341	7.329	28454719	28040527	124.320	173.227 #
28)	L6 AR-1254-3	8.736	7.792	18664392	58838470	68.261	204.012 #
29)	L6 AR-1254-4	9.038	8.025	15625887	10590201	63.475	48.786
30)	L6 AR-1254-5	9.477	8.471	133.0E6	125.4E6	490.983	416.858
31)	L7 AR-1260-1	8.908	7.918	76663284	83046029	430.970	457.731
32)	L7 AR-1260-2	9.180	8.121	108.6E6	113.4E6	430.432	462.302
33)	L7 AR-1260-3	9.555	8.286	96456631	97991089	420.961	460.533
34)	L7 AR-1260-4	9.798	8.786	106.7E6	92381253	417.864	456.679
35)	L7 AR-1260-5	10.146	9.036	279.5E6	263.9E6	414.929	447.157
36)	L8 AR-1262-1	9.616	8.567	49118079	51518358	319.582	359.101
37)	L8 AR-1262-2	10.146	9.036	279.5E6	263.9E6	319.267	356.130
38)	L8 AR-1262-3	10.501	9.330	184.6E6	63908849	290.651	202.006 #
39)	L8 AR-1262-4	10.561	9.397	124.1E6	193.8E6	247.764	344.658 #
40)	L8 AR-1262-5	11.292	9.921	99612055	78749024	244.681	275.727
41)	L9 AR-1268-1	10.501	9.330	184.6E6	63908849	129.561	55.904 #

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 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

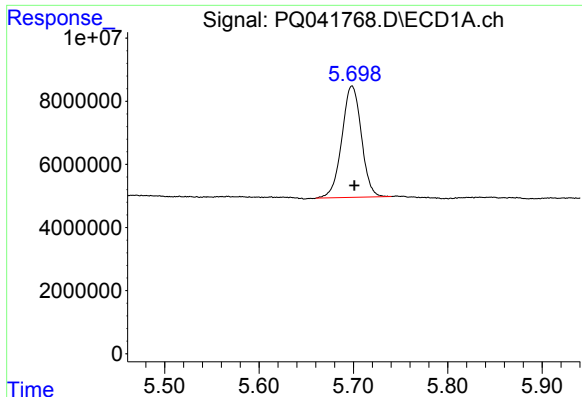
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:54:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	10.561	9.397	124.1E6	193.8E6	94.059	188.809 #
43) L9	AR-1268-3	0.000	9.611	0	3582388	N.D.	4.123 #
44) L9	AR-1268-4	11.292	9.921	99612055	78749024	182.970	204.719
45) L9	AR-1268-5	11.737	10.238	27291960	19858321	6.734	7.645

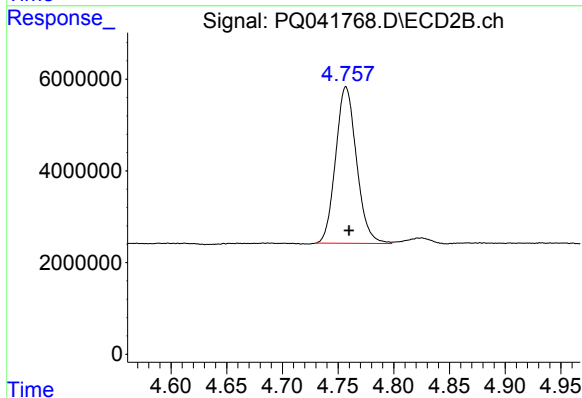
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

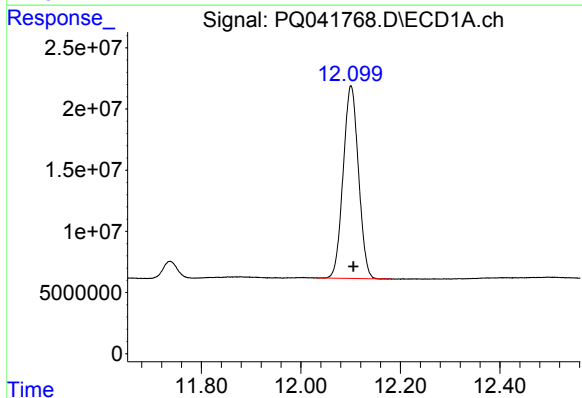
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 50698755
Conc: 22.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



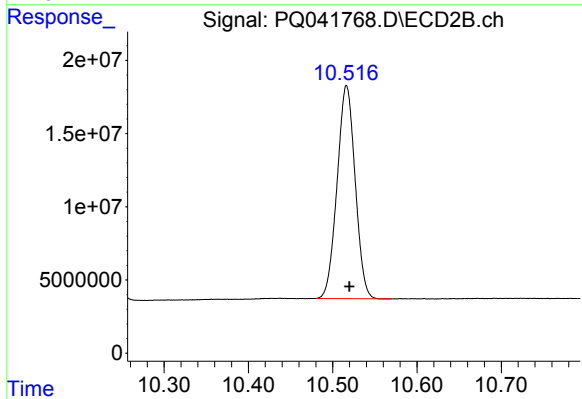
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 44555984
Conc: 23.12 ng/ml



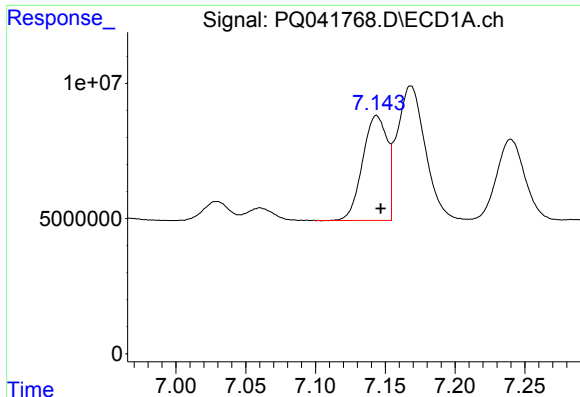
#2 Decachlorobiphenyl

R.T.: 12.101 min
Delta R.T.: -0.005 min
Response: 336236733
Conc: 39.88 ng/ml



#2 Decachlorobiphenyl

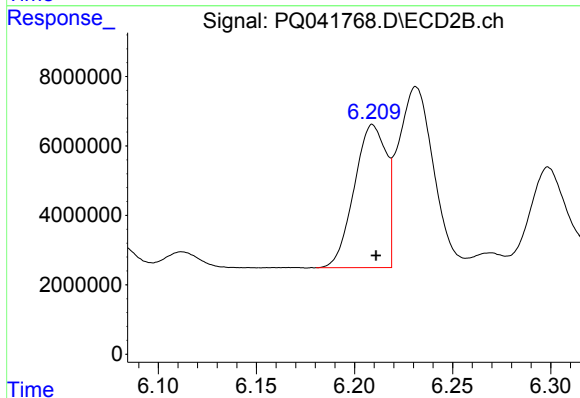
R.T.: 10.516 min
Delta R.T.: -0.003 min
Response: 216581984
Conc: 44.77 ng/ml



#3 AR-1016-1

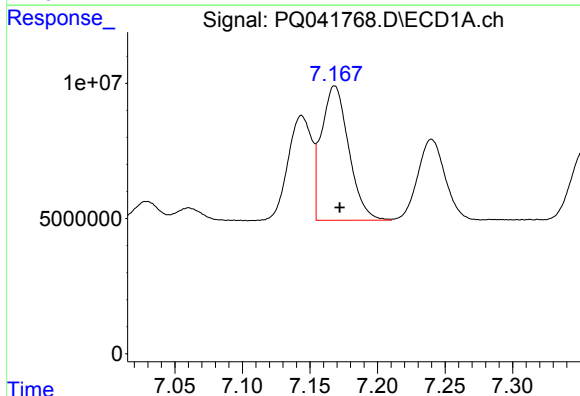
R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 47553651
Conc: 439.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



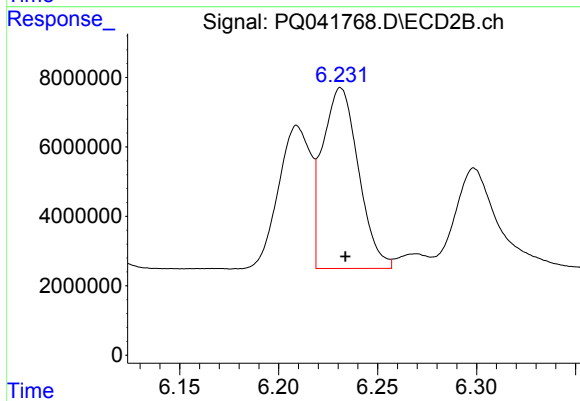
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 46800810
Conc: 451.01 ng/ml



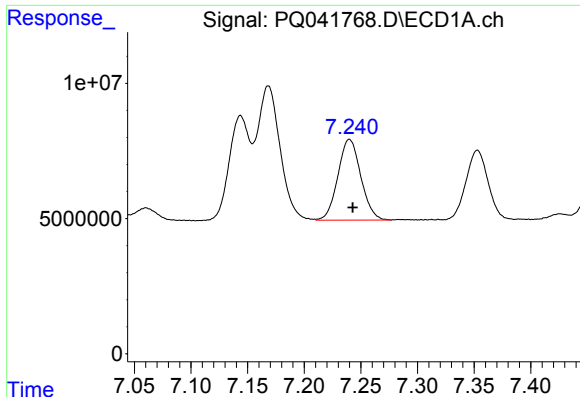
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 69890882
Conc: 446.51 ng/ml



#4 AR-1016-2

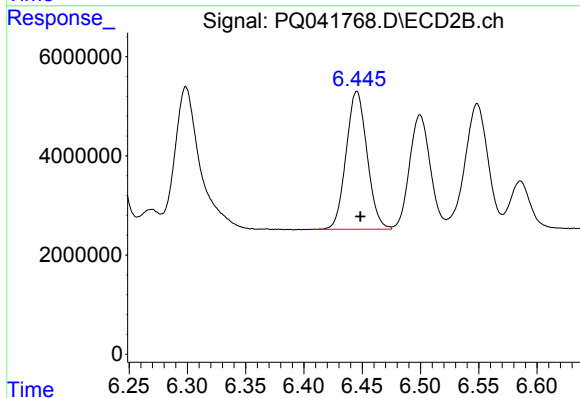
R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 65584238
Conc: 457.77 ng/ml



#5 AR-1016-3

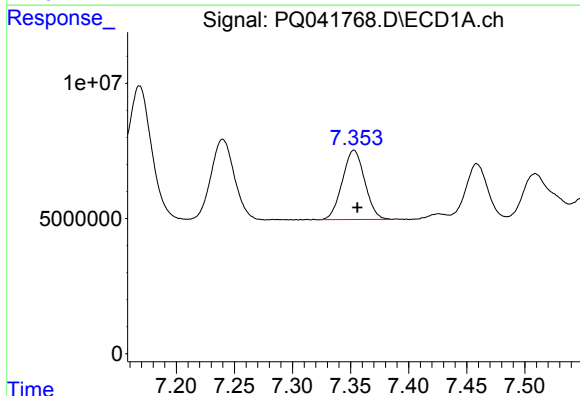
R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 42005101
Conc: 434.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



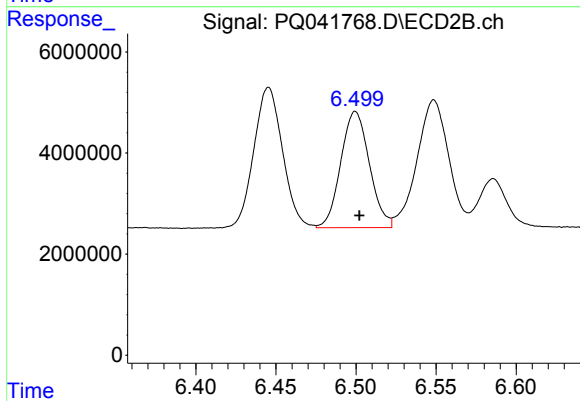
#5 AR-1016-3

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 34738387
Conc: 465.84 ng/ml



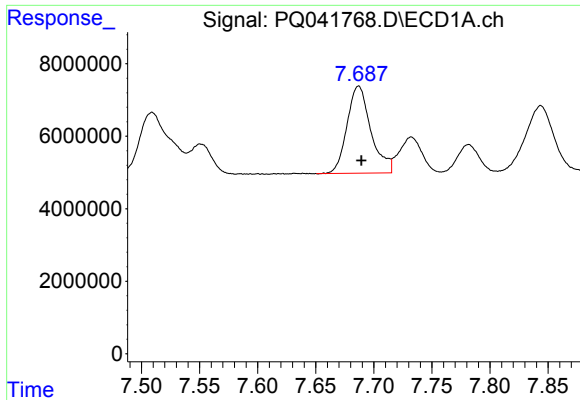
#6 AR-1016-4

R.T.: 7.353 min
Delta R.T.: -0.003 min
Response: 34467418
Conc: 441.81 ng/ml



#6 AR-1016-4

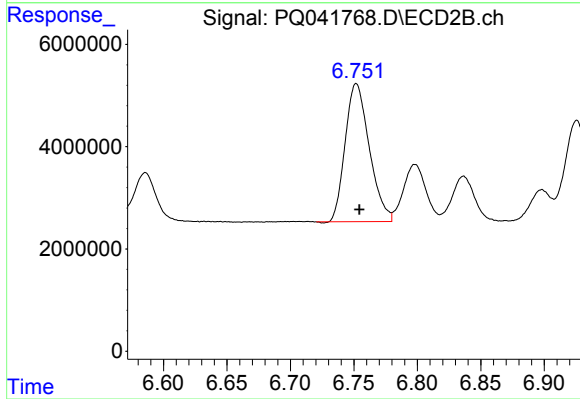
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 28631095
Conc: 461.72 ng/ml



#7 AR-1016-5

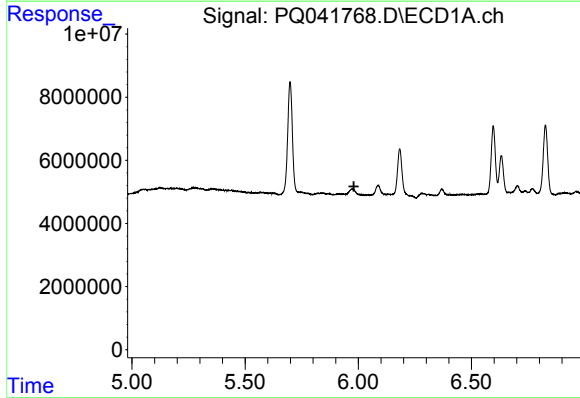
R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 34404645
Conc: 437.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



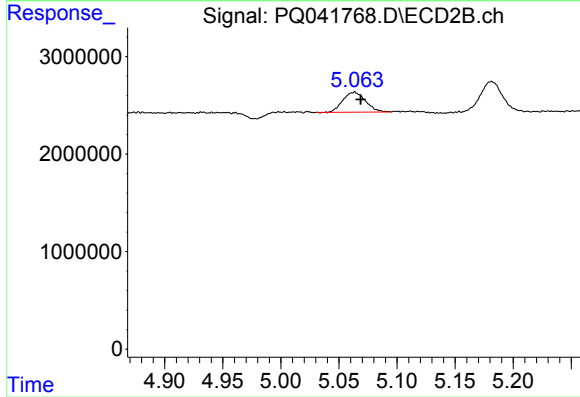
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 35699279
Conc: 438.55 ng/ml



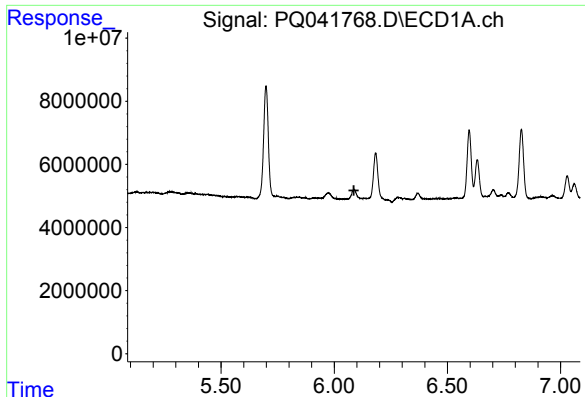
#8 AR-1221-1

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



#8 AR-1221-1

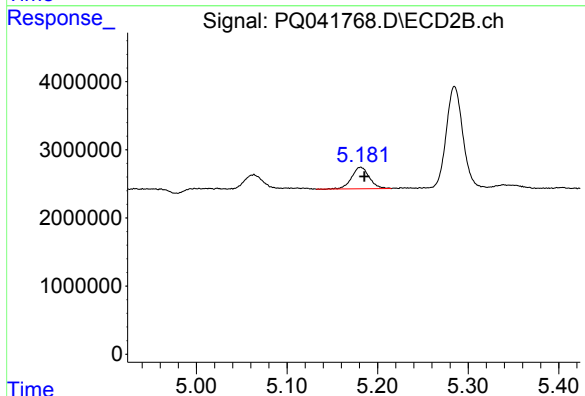
R.T.: 5.064 min
Delta R.T.: -0.005 min
Response: 2784857
Conc: 135.24 ng/ml



#9 AR-1221-2

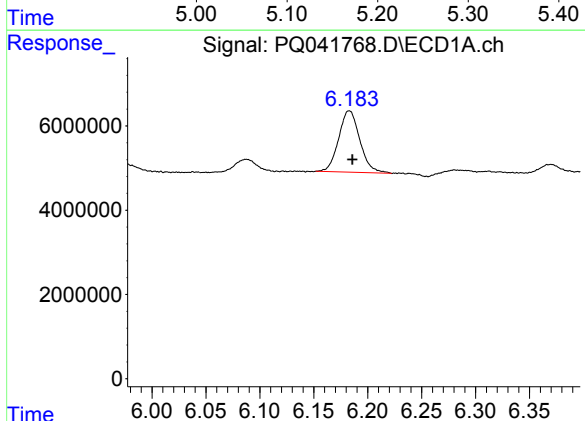
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



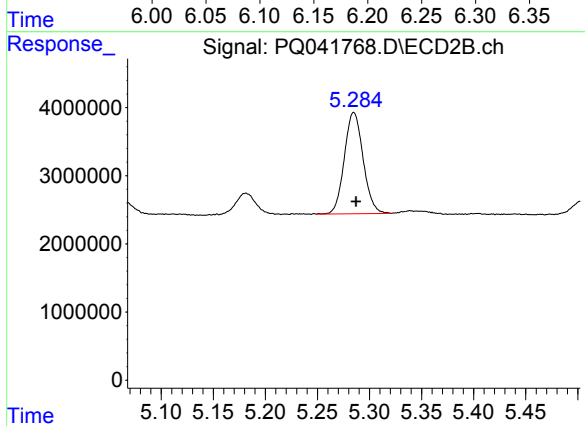
#9 AR-1221-2

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 4284700
Conc: 268.30 ng/ml



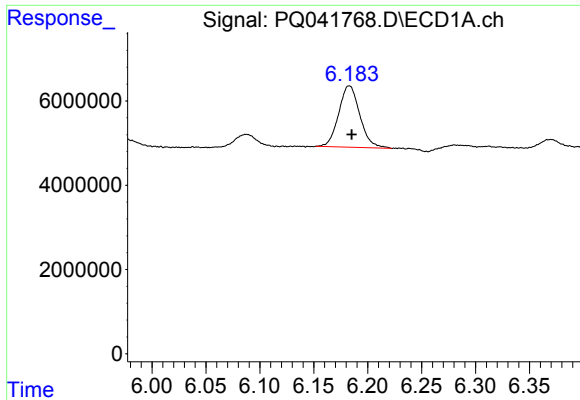
#10 AR-1221-3

R.T.: 6.183 min
Delta R.T.: -0.003 min
Response: 19839941
Conc: 322.36 ng/ml



#10 AR-1221-3

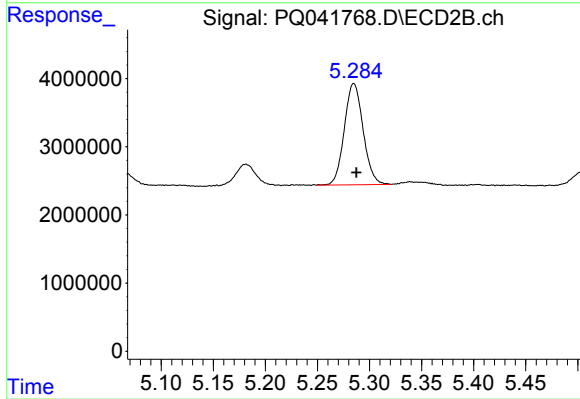
R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 18697954
Conc: 342.88 ng/ml



#11 AR-1232-1

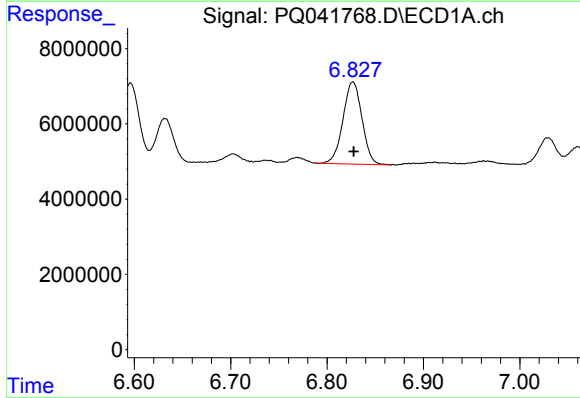
R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 19839941
Conc: 366.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



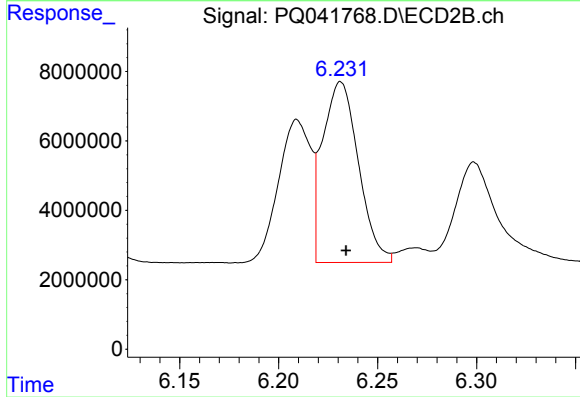
#11 AR-1232-1

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 18697954
Conc: 387.22 ng/ml



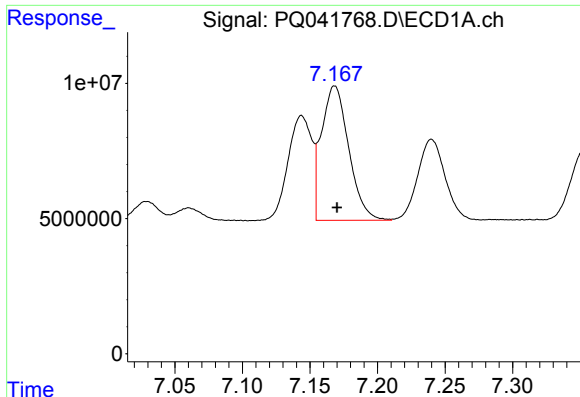
#12 AR-1232-2

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 29867994
Conc: 909.04 ng/ml



#12 AR-1232-2

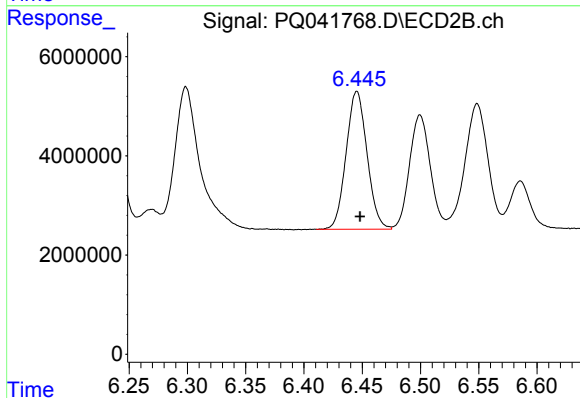
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 65584238
Conc: 1150.04 ng/ml



#13 AR-1232-3

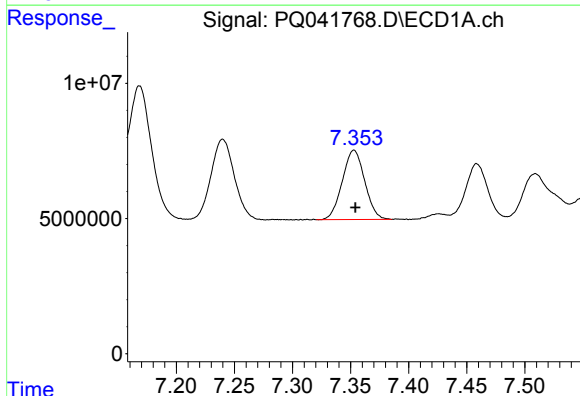
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 69890882
Conc: 1046.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



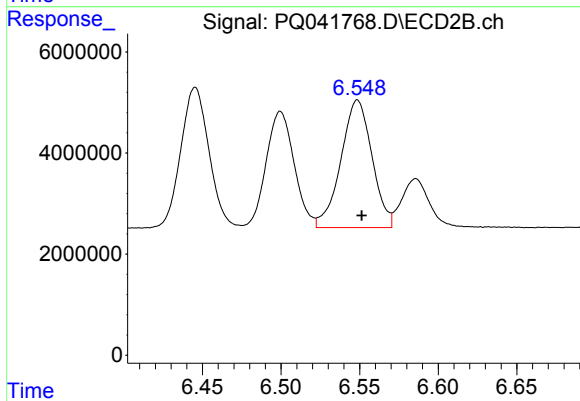
#13 AR-1232-3

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 34738387
Conc: 1164.95 ng/ml



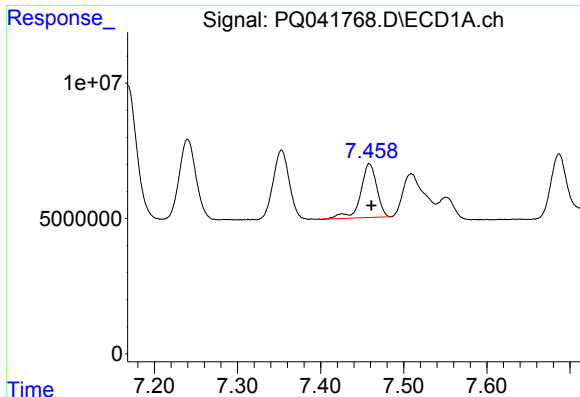
#14 AR-1232-4

R.T.: 7.353 min
Delta R.T.: -0.001 min
Response: 34467418
Conc: 1074.53 ng/ml



#14 AR-1232-4

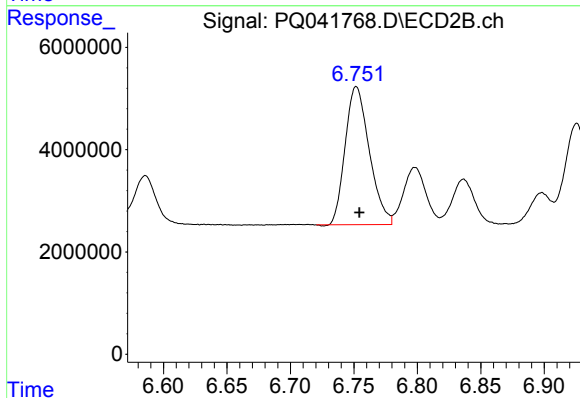
R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 34782150
Conc: 1302.86 ng/ml



#15 AR-1232-5

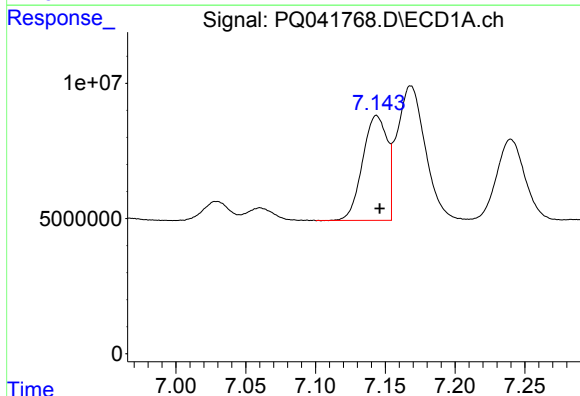
R.T.: 7.459 min
Delta R.T.: -0.002 min
Response: 26855177
Conc: 1249.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



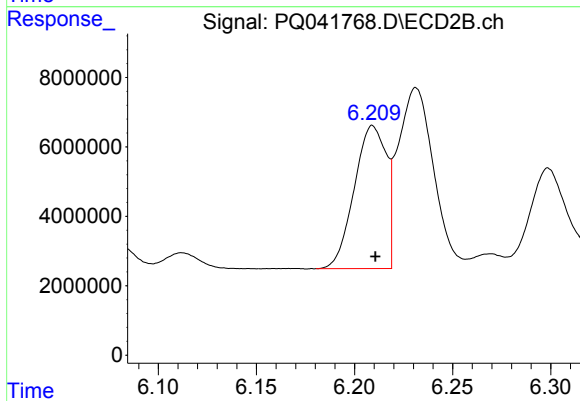
#15 AR-1232-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 35699279
Conc: 1217.32 ng/ml



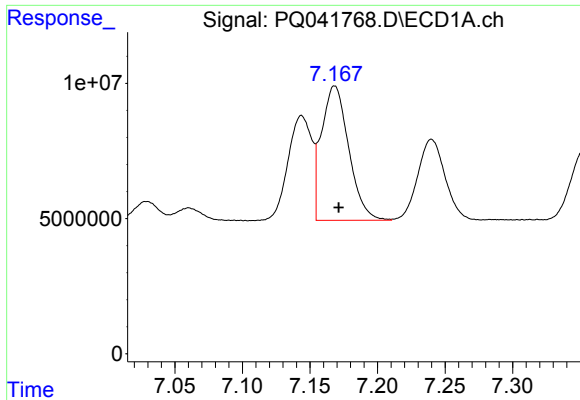
#16 AR-1242-1

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 47553651
Conc: 531.63 ng/ml



#16 AR-1242-1

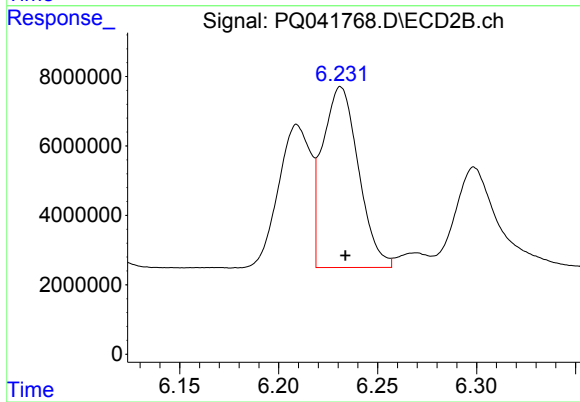
R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 46800810
Conc: 571.86 ng/ml



#17 AR-1242-2

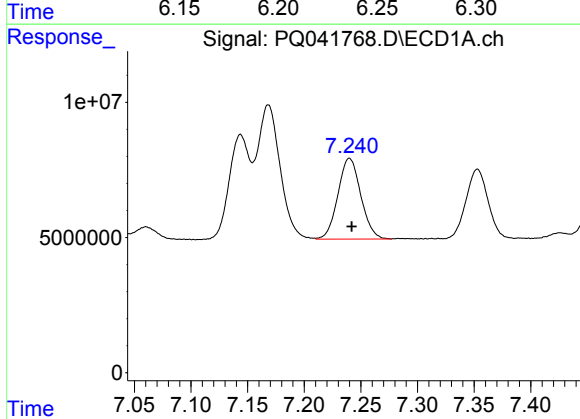
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 69890882
Conc: 543.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



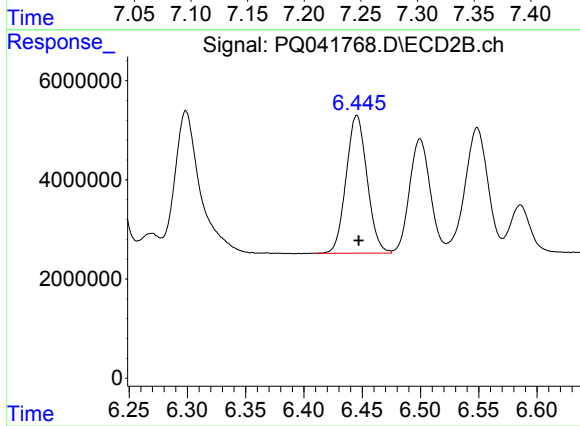
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 65584238
Conc: 580.71 ng/ml



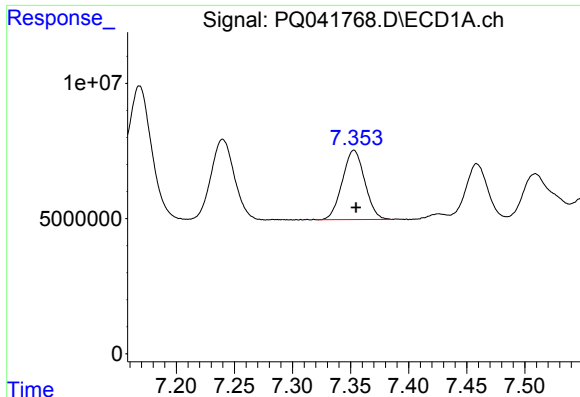
#18 AR-1242-3

R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 42005101
Conc: 518.03 ng/ml



#18 AR-1242-3

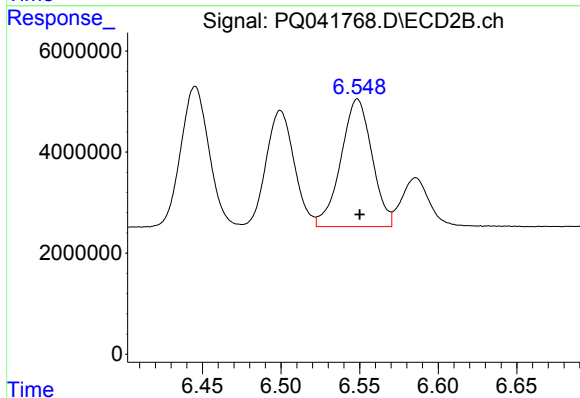
R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 34738387
Conc: 588.06 ng/ml



#19 AR-1242-4

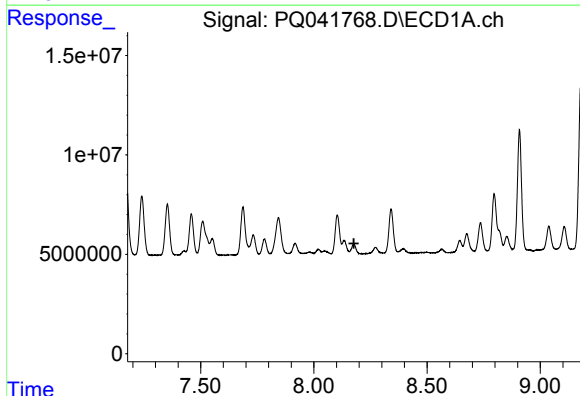
R.T.: 7.353 min
Delta R.T.: -0.002 min
Response: 34467418
Conc: 536.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



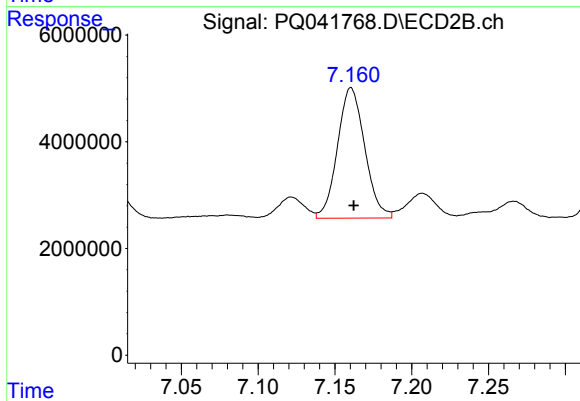
#19 AR-1242-4

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 34782150
Conc: 586.57 ng/ml



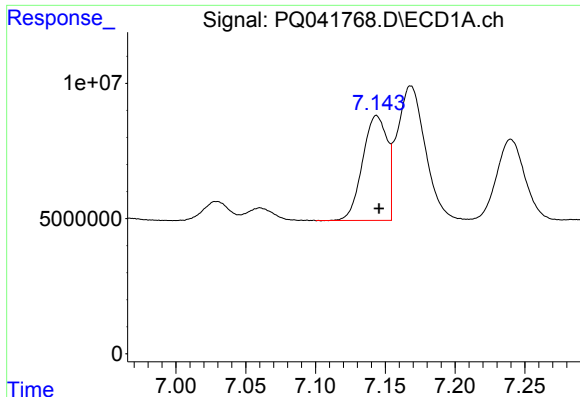
#20 AR-1242-5

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



#20 AR-1242-5

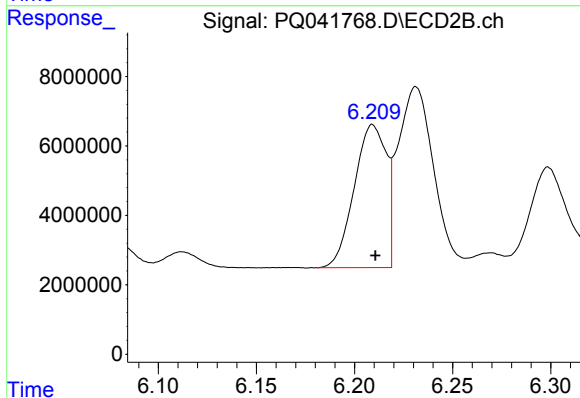
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 30184525
Conc: 339.94 ng/ml



#21 AR-1248-1

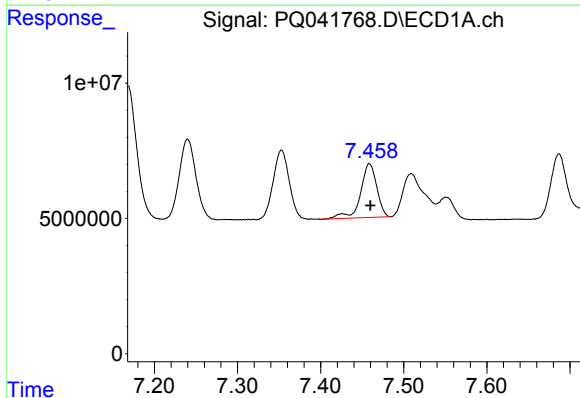
R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 47553651
Conc: 641.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



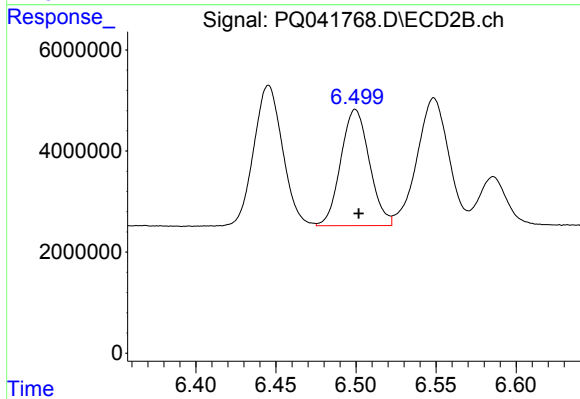
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 46800810
Conc: 705.85 ng/ml



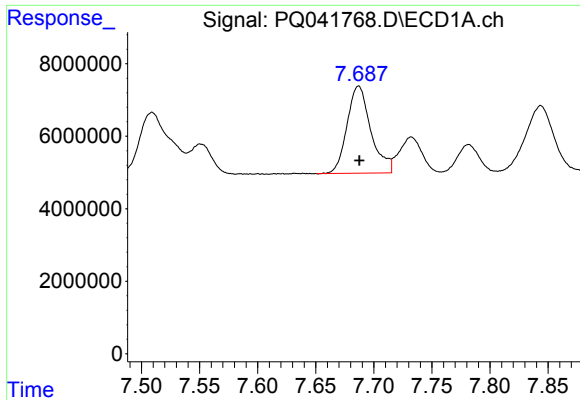
#22 AR-1248-2

R.T.: 7.459 min
Delta R.T.: -0.001 min
Response: 26855177
Conc: 291.07 ng/ml



#22 AR-1248-2

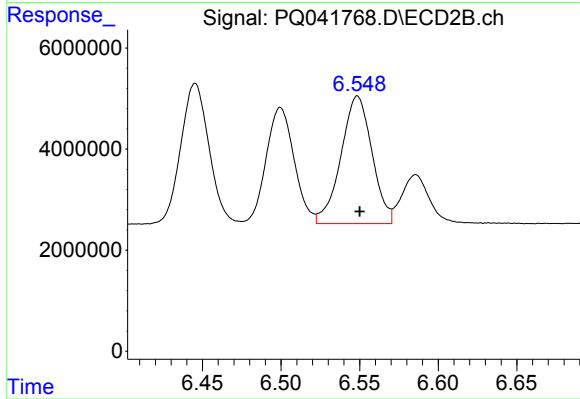
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 28631095
Conc: 328.38 ng/ml



#23 AR-1248-3

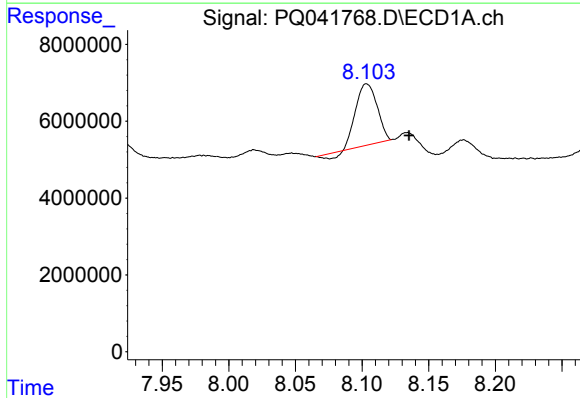
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 34404645
Conc: 307.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



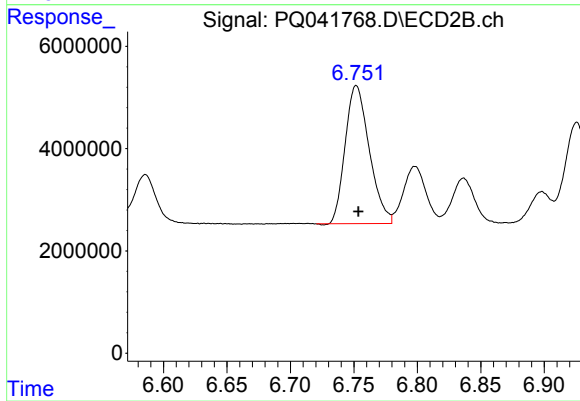
#23 AR-1248-3

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 34782150
Conc: 389.69 ng/ml



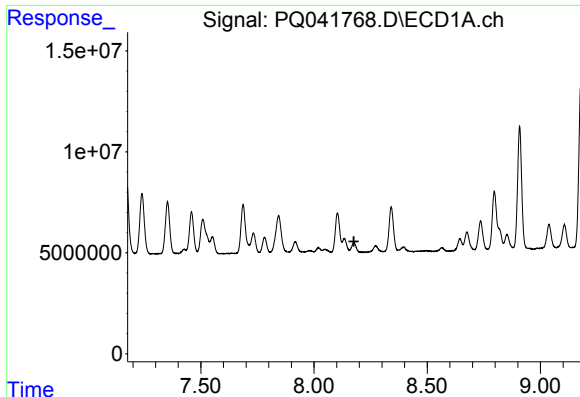
#24 AR-1248-4

R.T.: 8.103 min
Delta R.T.: -0.032 min
Response: 17035136
Conc: 108.95 ng/ml



#24 AR-1248-4

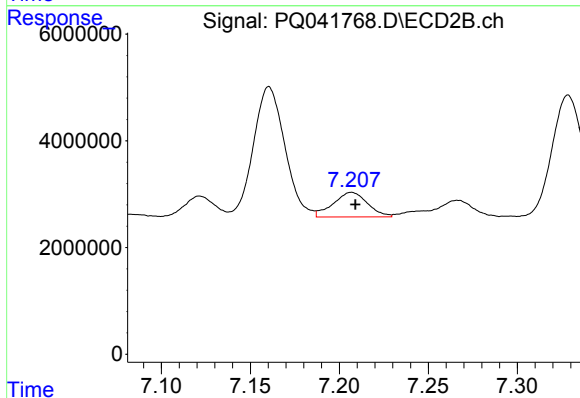
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 35699279
Conc: 324.12 ng/ml



#25 AR-1248-5

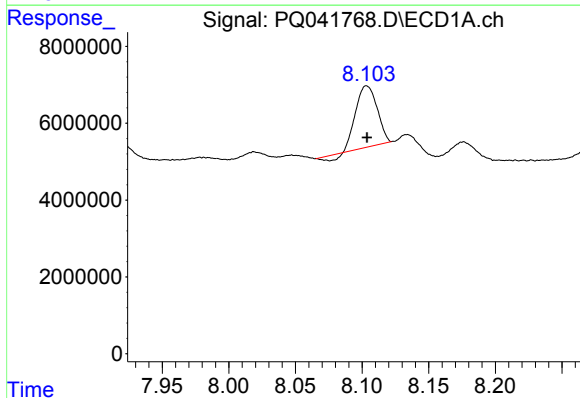
R.T.: 0.000 min
Exp R.T.: 8.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



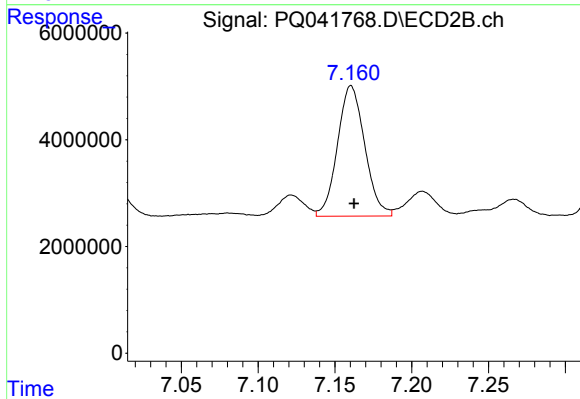
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 6197415
Conc: 48.35 ng/ml



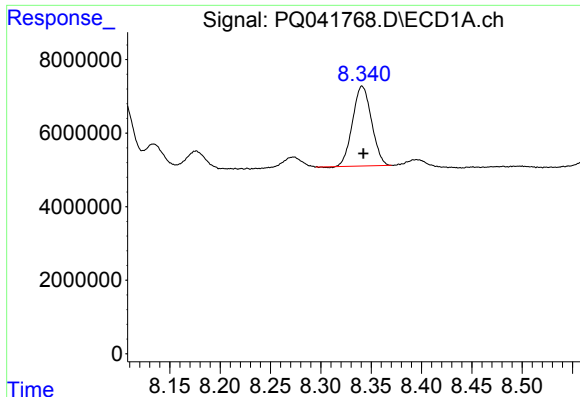
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 17035136
Conc: 122.45 ng/ml



#26 AR-1254-1

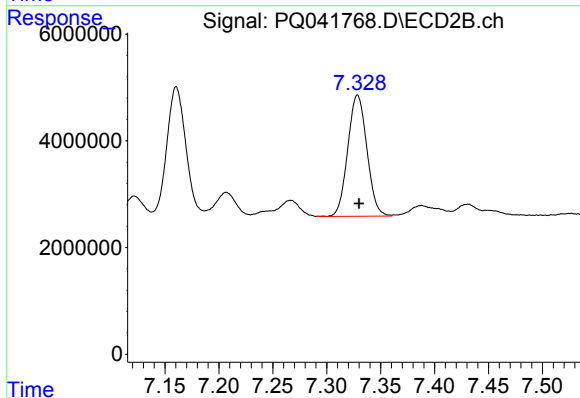
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 30184525
Conc: 165.05 ng/ml



#27 AR-1254-2

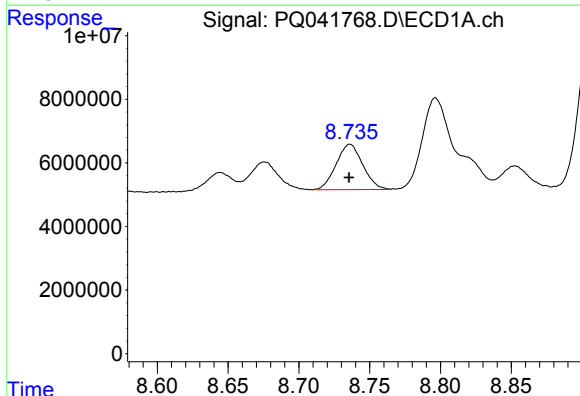
R.T.: 8.341 min
Delta R.T.: -0.001 min
Response: 28454719
Conc: 124.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



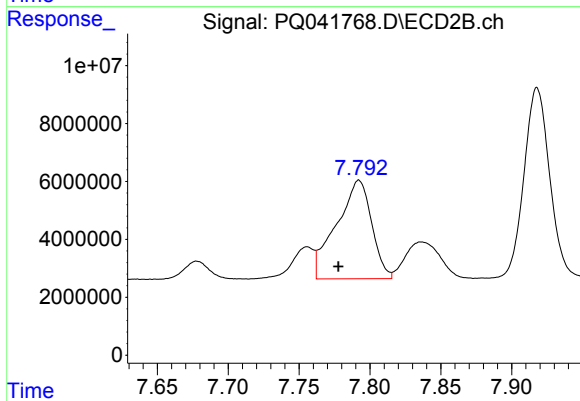
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 28040527
Conc: 173.23 ng/ml



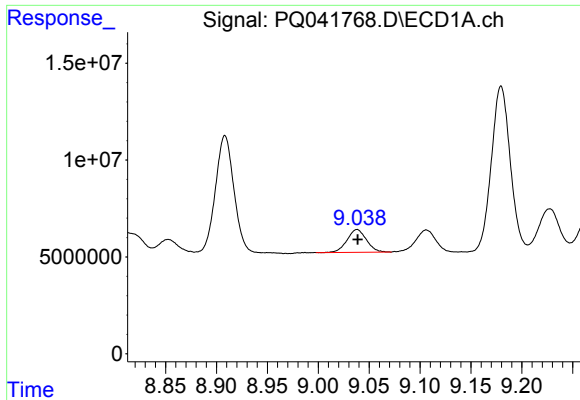
#28 AR-1254-3

R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 18664392
Conc: 68.26 ng/ml



#28 AR-1254-3

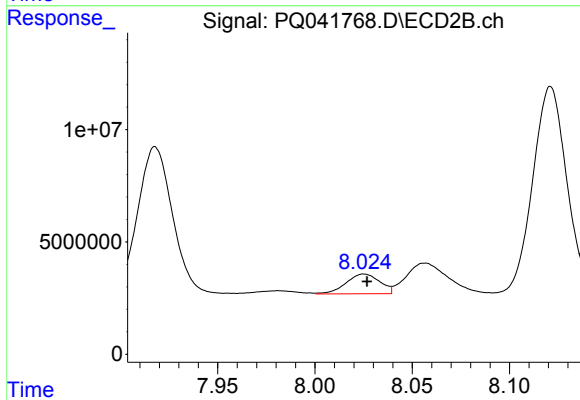
R.T.: 7.792 min
Delta R.T.: 0.014 min
Response: 58838470
Conc: 204.01 ng/ml



#29 AR-1254-4

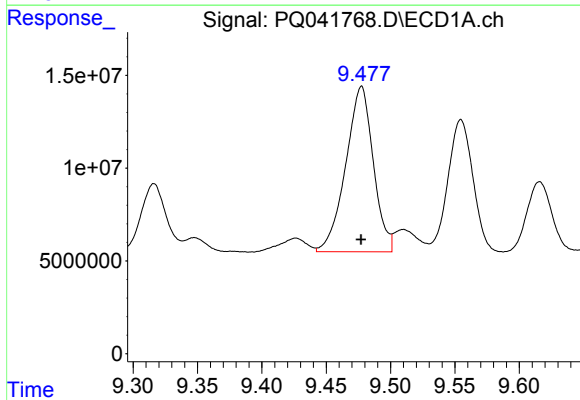
R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 15625887
Conc: 63.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



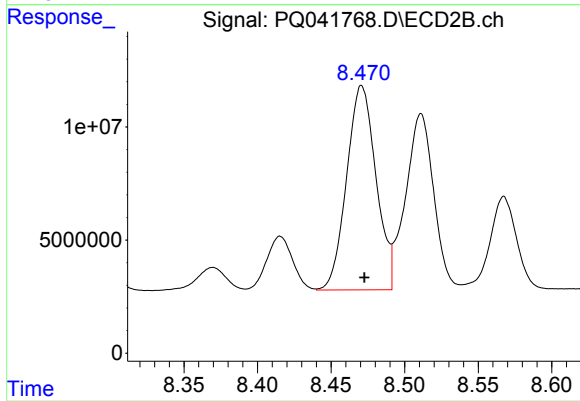
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 10590201
Conc: 48.79 ng/ml



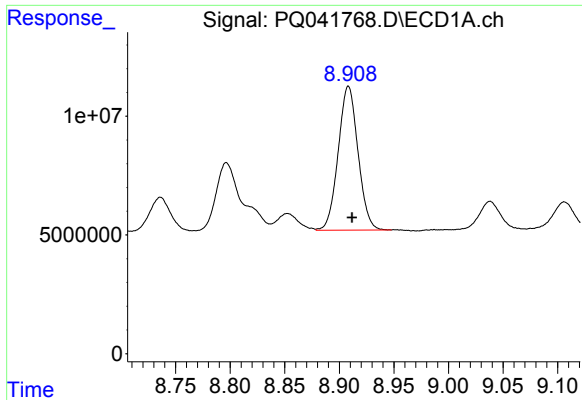
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 132980386
Conc: 490.98 ng/ml



#30 AR-1254-5

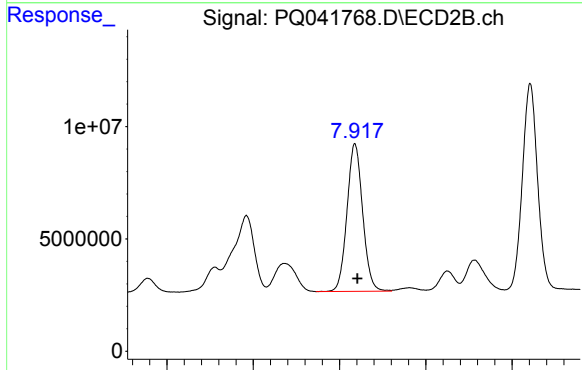
R.T.: 8.471 min
Delta R.T.: -0.002 min
Response: 125377518
Conc: 416.86 ng/ml



#31 AR-1260-1

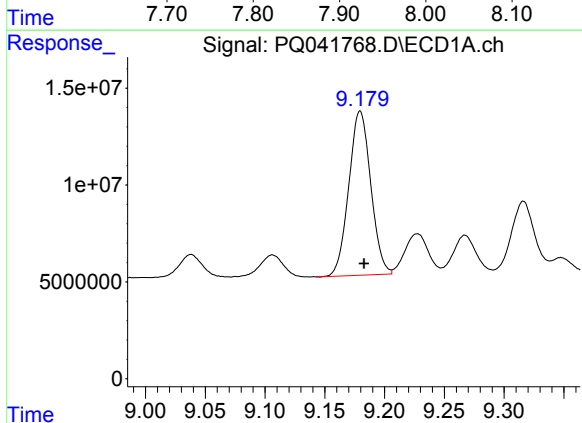
R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 76663284
Conc: 430.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



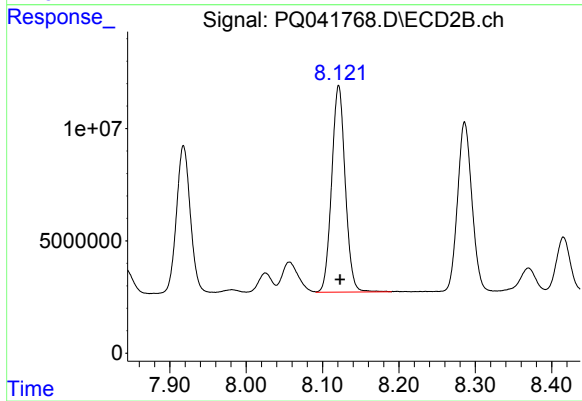
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 83046029
Conc: 457.73 ng/ml



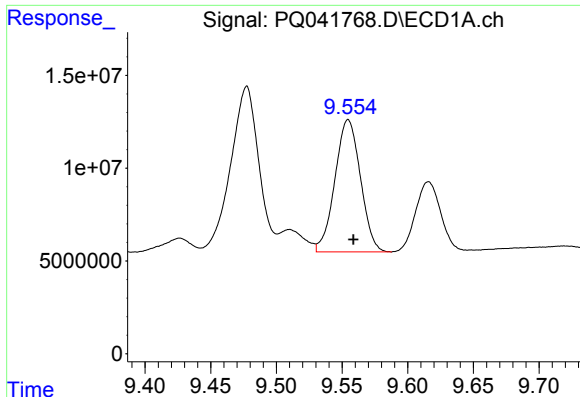
#32 AR-1260-2

R.T.: 9.180 min
Delta R.T.: -0.003 min
Response: 108587303
Conc: 430.43 ng/ml



#32 AR-1260-2

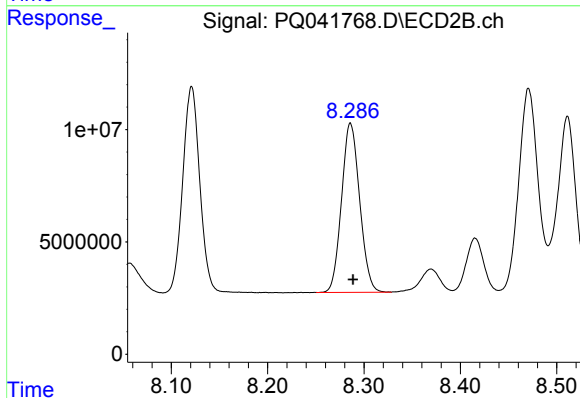
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 113419156
Conc: 462.30 ng/ml



#33 AR-1260-3

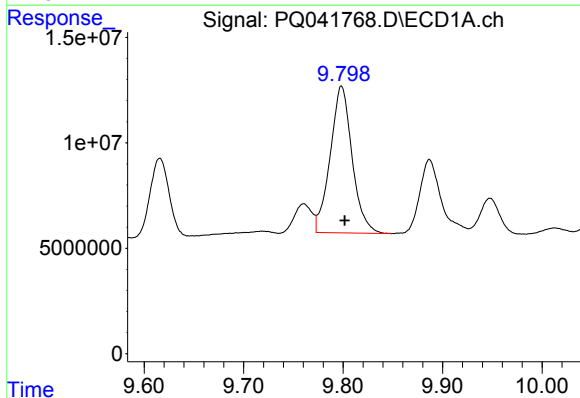
R.T.: 9.555 min
Delta R.T.: -0.004 min
Response: 96456631
Conc: 420.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



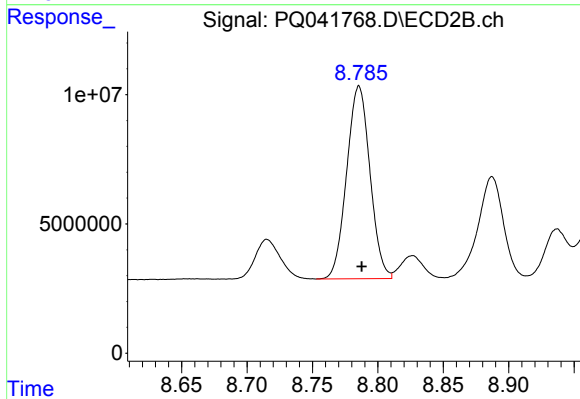
#33 AR-1260-3

R.T.: 8.286 min
Delta R.T.: -0.003 min
Response: 97991089
Conc: 460.53 ng/ml



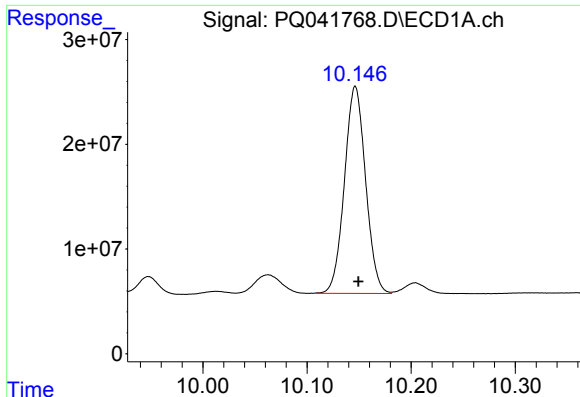
#34 AR-1260-4

R.T.: 9.798 min
Delta R.T.: -0.003 min
Response: 106698284
Conc: 417.86 ng/ml



#34 AR-1260-4

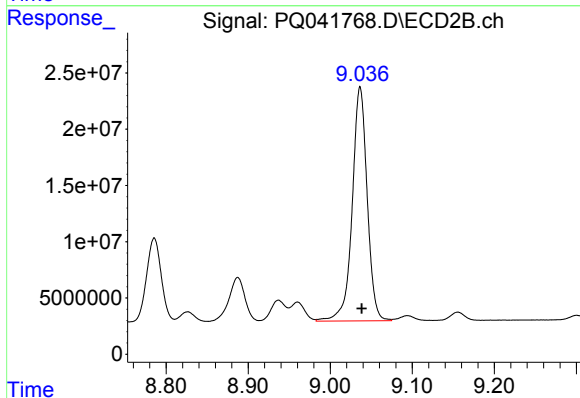
R.T.: 8.786 min
Delta R.T.: -0.002 min
Response: 92381253
Conc: 456.68 ng/ml



#35 AR-1260-5

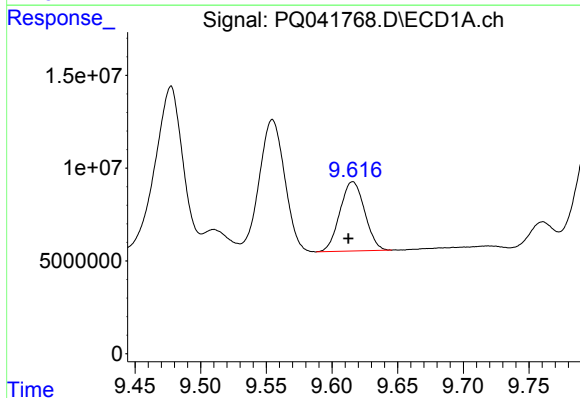
R.T.: 10.146 min
Delta R.T.: -0.003 min
Response: 279492456
Conc: 414.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



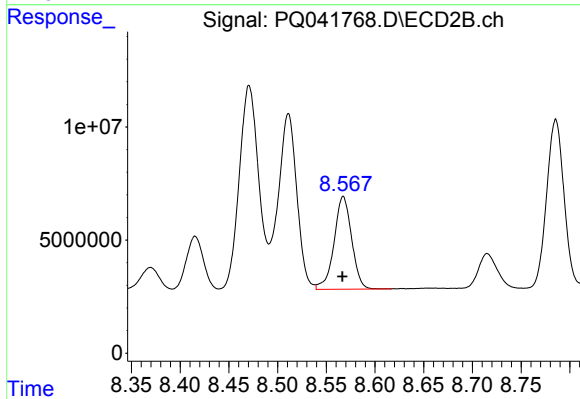
#35 AR-1260-5

R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 263911892
Conc: 447.16 ng/ml



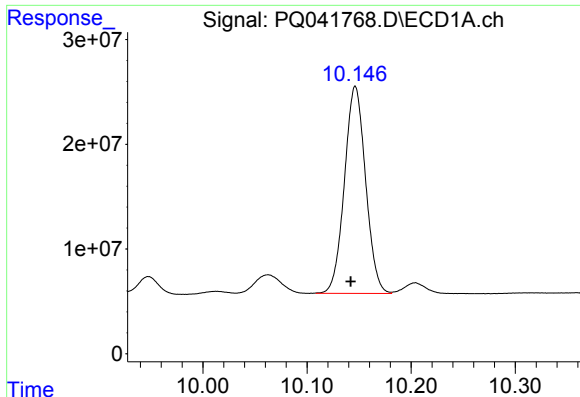
#36 AR-1262-1

R.T.: 9.616 min
Delta R.T.: 0.003 min
Response: 49118079
Conc: 319.58 ng/ml



#36 AR-1262-1

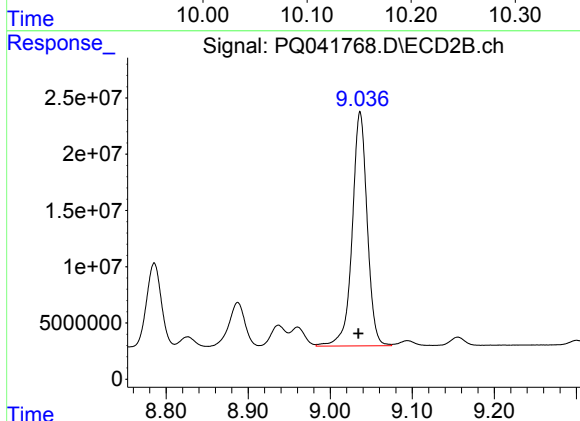
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 51518358
Conc: 359.10 ng/ml



#37 AR-1262-2

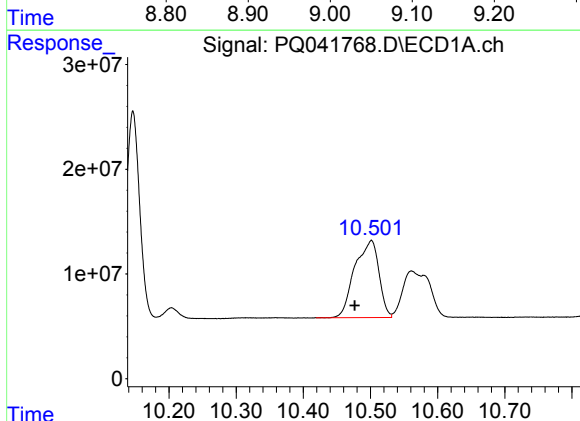
R.T.: 10.146 min
Delta R.T.: 0.004 min
Response: 279492456
Conc: 319.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



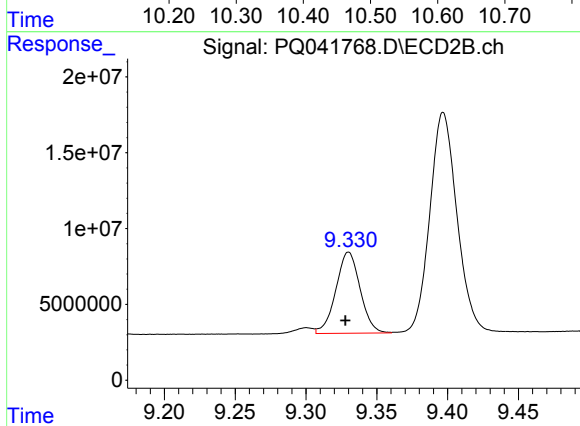
#37 AR-1262-2

R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 263911892
Conc: 356.13 ng/ml



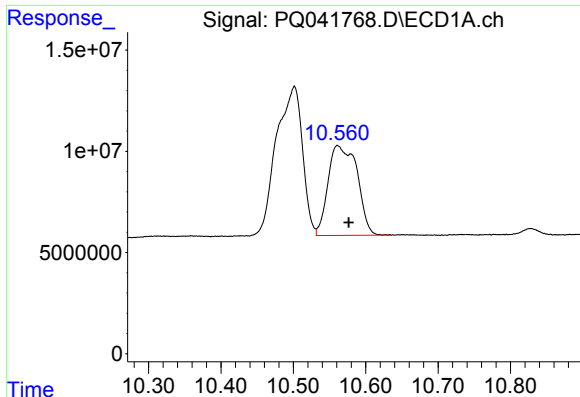
#38 AR-1262-3

R.T.: 10.501 min
Delta R.T.: 0.025 min
Response: 184566326
Conc: 290.65 ng/ml



#38 AR-1262-3

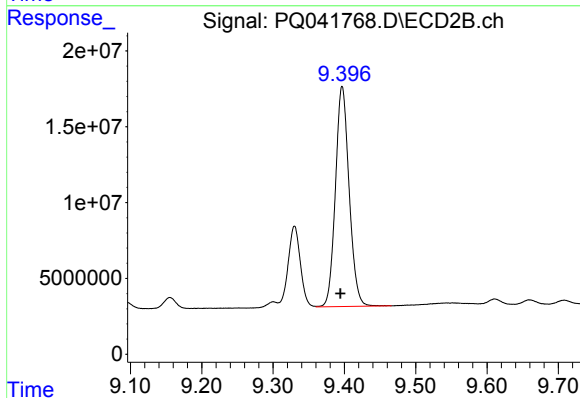
R.T.: 9.330 min
Delta R.T.: 0.002 min
Response: 63908849
Conc: 202.01 ng/ml



#39 AR-1262-4

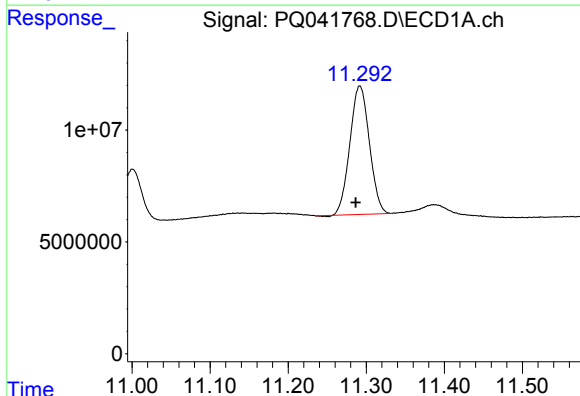
R.T.: 10.561 min
Delta R.T.: -0.015 min
Response: 124057478
Conc: 247.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



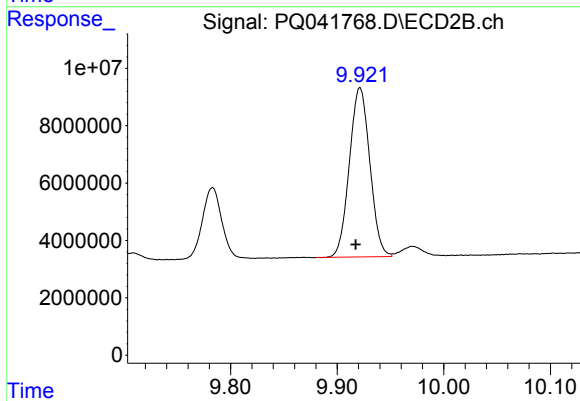
#39 AR-1262-4

R.T.: 9.397 min
Delta R.T.: 0.002 min
Response: 193824070
Conc: 344.66 ng/ml



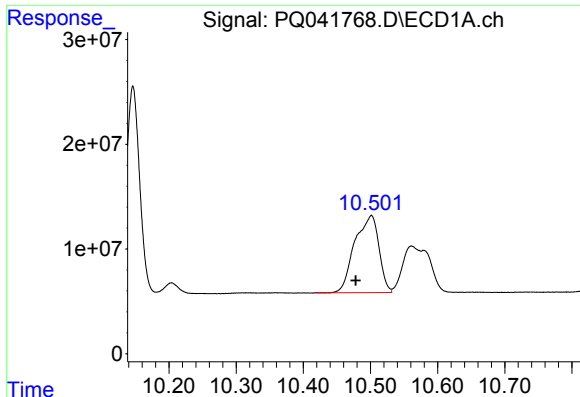
#40 AR-1262-5

R.T.: 11.292 min
Delta R.T.: 0.005 min
Response: 99612055
Conc: 244.68 ng/ml



#40 AR-1262-5

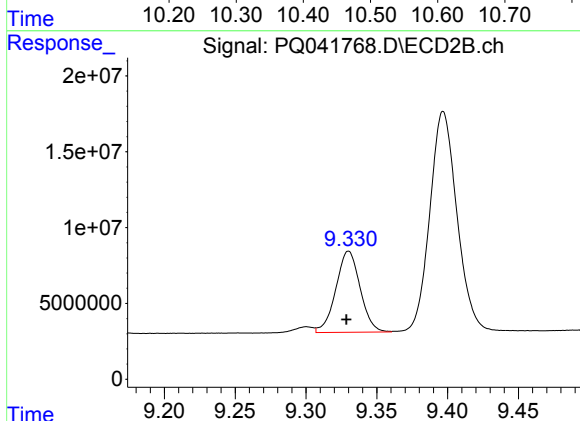
R.T.: 9.921 min
Delta R.T.: 0.004 min
Response: 78749024
Conc: 275.73 ng/ml



#41 AR-1268-1

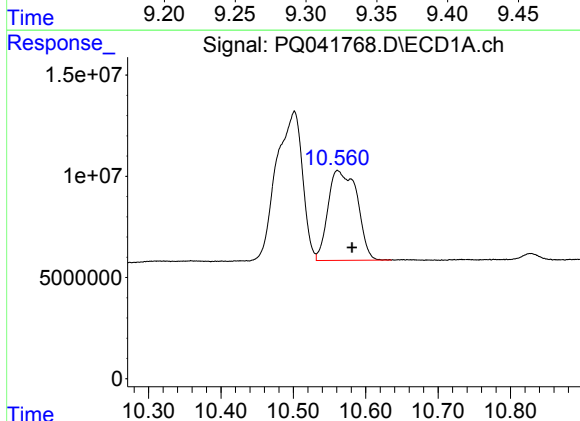
R.T.: 10.501 min
Delta R.T.: 0.024 min
Response: 184566326
Conc: 129.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



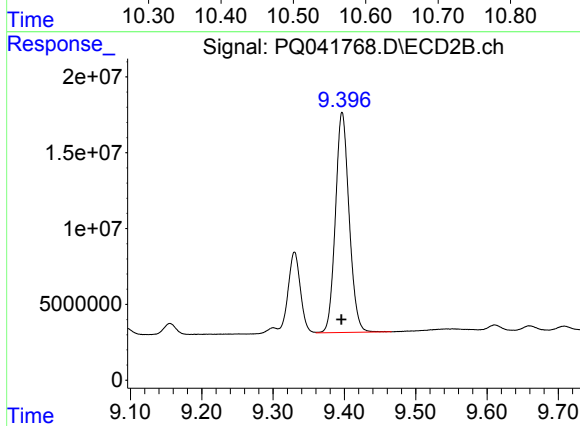
#41 AR-1268-1

R.T.: 9.330 min
Delta R.T.: 0.001 min
Response: 63908849
Conc: 55.90 ng/ml



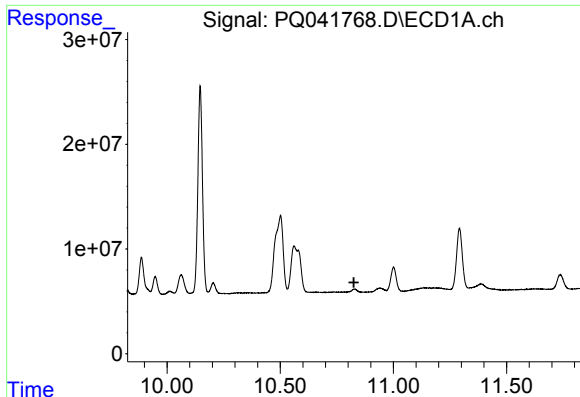
#42 AR-1268-2

R.T.: 10.561 min
Delta R.T.: -0.020 min
Response: 124057478
Conc: 94.06 ng/ml



#42 AR-1268-2

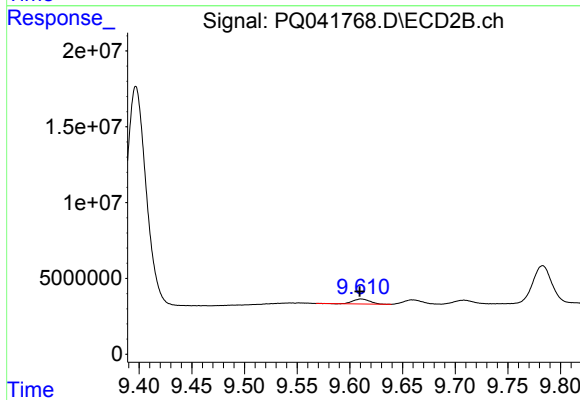
R.T.: 9.397 min
Delta R.T.: 0.001 min
Response: 193824070
Conc: 188.81 ng/ml



#43 AR-1268-3

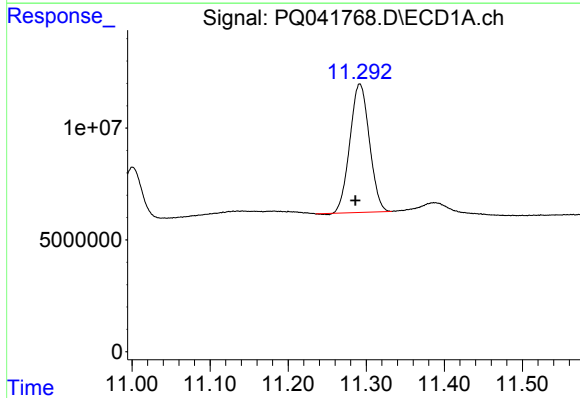
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



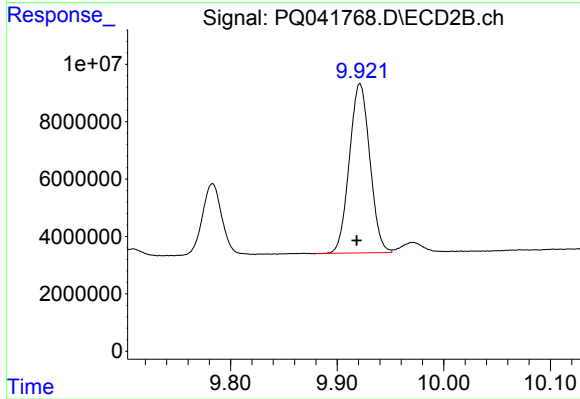
#43 AR-1268-3

R.T.: 9.611 min
Delta R.T.: 0.001 min
Response: 3582388
Conc: 4.12 ng/ml



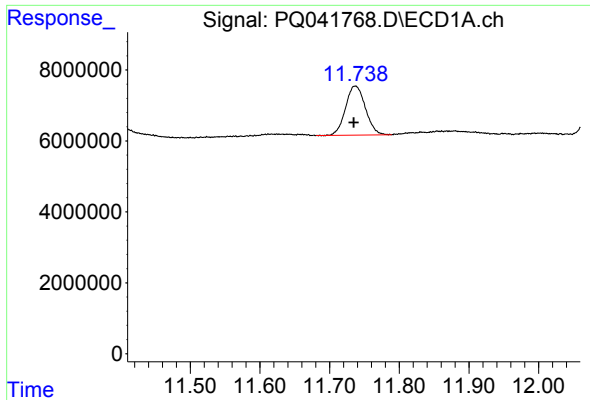
#44 AR-1268-4

R.T.: 11.292 min
Delta R.T.: 0.005 min
Response: 99612055
Conc: 182.97 ng/ml



#44 AR-1268-4

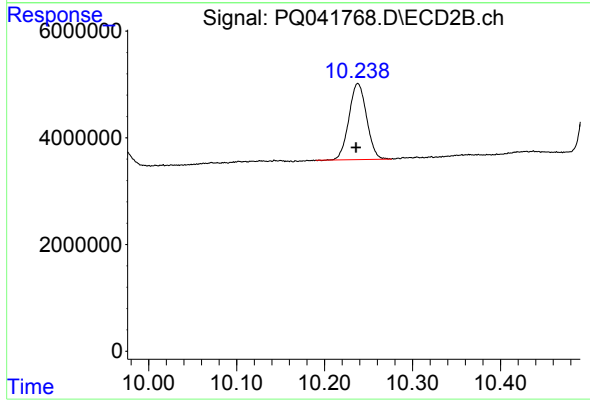
R.T.: 9.921 min
Delta R.T.: 0.003 min
Response: 78749024
Conc: 204.72 ng/ml



#45 AR-1268-5

R.T.: 11.737 min
Delta R.T.: 0.002 min
Response: 27291960
Conc: 6.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 19858321
Conc: 7.65 ng/ml