

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
 Data File : PQ036088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2018 11:36
 Operator : SM\SJ
 Sample : PB116008BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:30:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 24 12:28:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.406	3.729	82408084	45656568	21.062	20.433
2)	SA Decachlor...	10.083	8.700	73624498	40555596	24.978	22.946
Target Compounds							
3)	L1 AR-1016-1	5.569	4.806	28380758	16434952	221.816	213.152
4)	L1 AR-1016-2	5.591	4.823	42436110	23637497	221.263	208.887
5)	L1 AR-1016-3	5.653	5.000	24760626	12233559	216.345	209.481
6)	L1 AR-1016-4	5.752	5.039	21158650	10014173	222.190	212.974
7)	L1 AR-1016-5	6.044	5.252	20177382	12285493	221.643	200.129
8)	L2 AR-1221-1	4.613	3.938	2384505	1688267	69.800	82.746
9)	L2 AR-1221-2	4.704	4.027	3338563	2249579	131.043	152.197
10)	L2 AR-1221-3	4.780	4.101	14385254	8583094	172.857	176.677
11)	L3 AR-1232-1	4.780	4.101	14385254	8583094	197.823	194.931
12)	L3 AR-1232-2	5.304	4.823	20443535	23637497	530.476	481.785
13)	L3 AR-1232-3	5.653	5.039	24760626	10014173	302.810	391.921 #
14)	L3 AR-1232-4	5.752	5.110	21158650	3873912	528.406	169.787 #
15)	L3 AR-1232-5	5.884	5.291	18125422	4623352	572.348	185.102 #
16)	L4 AR-1242-1	5.591	4.823	42436110	23637497	439.847	399.465
17)	L4 AR-1242-2	5.653	4.823	24760626	23637497	170.661	274.506 #
18)	L4 AR-1242-3	5.653	5.039	24760626	10014173	286.197	222.363
19)	L4 AR-1242-4	5.752	5.110	21158650	3873912	305.849	87.484 #
20)	L4 AR-1242-5	6.485	5.639	3452961	1718098	44.013	31.131 #
21)	L5 AR-1248-1	5.591	4.823	42436110	23637497	642.914	599.103
22)	L5 AR-1248-2	5.884	5.080	18125422	12004008	191.227	221.174
23)	L5 AR-1248-3	6.085	5.110	7965964	3873912	76.237	69.422
24)	L5 AR-1248-4	6.485	5.291	3452961	4623352	28.039	66.787 #
25)	L5 AR-1248-5	6.485	5.639	3452961	1718098	29.514	24.376
26)	L6 AR-1254-1	6.446	5.639	2861200	1718098	18.795	12.880 #
27)	L6 AR-1254-2	6.634	5.745	16185117	9485105	68.404	82.087
28)	L6 AR-1254-3	7.058	6.157	28035970	16876141	109.193	87.415
29)	L6 AR-1254-4	7.349	6.401	7160373	5569498	39.491	46.280
30)	L6 AR-1254-5	7.738	6.821	6147485	21511998	31.341	132.087 #
31)	L7 AR-1260-1	7.165	6.273	41788149	24651836	226.614	195.980
32)	L7 AR-1260-2	7.420	6.461	47565225	30531177	218.908	202.176
33)	L7 AR-1260-3	7.778	6.614	30621291	27547019	228.582	197.138
34)	L7 AR-1260-4	8.007	7.081	38310262	19754954	232.450	212.749
35)	L7 AR-1260-5	8.325	7.324	74082462	48053265	248.460	214.143
36)	L8 AR-1262-1	7.836	6.821	16553207	21511998	75.559	140.172 #
37)	L8 AR-1262-2	8.376	7.324	3589703	48053265	9.529	180.068 #
38)	L8 AR-1262-3	8.650	7.602	46753834	10175388	194.492	98.045 #
39)	L8 AR-1262-4	8.704	7.668	25933154	35142221	143.540	189.708 #
40)	L8 AR-1262-5	9.365	8.165	16708021	10224841	146.712	137.750
41)	L9 AR-1268-1	8.650	7.602	46753834	10175388	96.901	30.514 #

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 Acq On : 28 Dec 2018 11:36
 Operator : SM\SJ
 Sample : PB116008BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

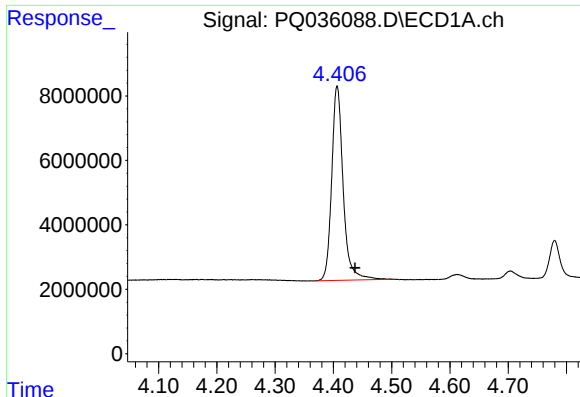
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:30:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.704	7.668	25933154	35142221	60.106	118.581 #
43) L9	AR-1268-3	8.938	0.000	1852562	0	4.902	N.D. #
44) L9	AR-1268-4	9.365	8.165	16708021	10224841	121.875	109.605
45) L9	AR-1268-5	9.763	0.000	6792583	0	5.868	N.D. #

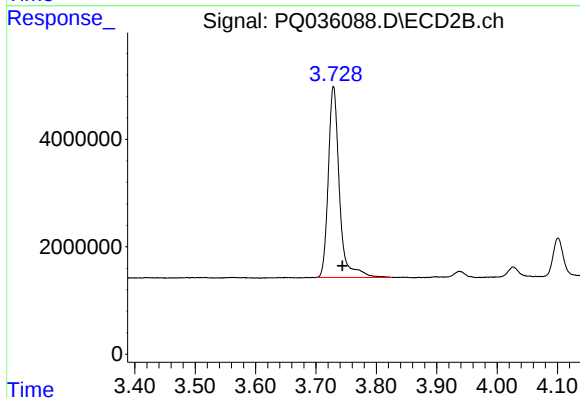
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

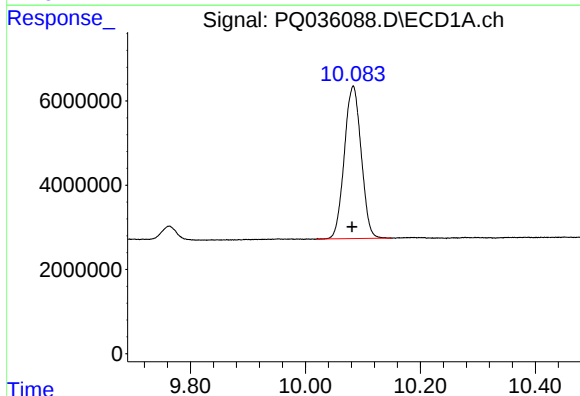
R.T.: 4.406 min
Delta R.T.: -0.031 min
Response: 82408084
Conc: 21.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



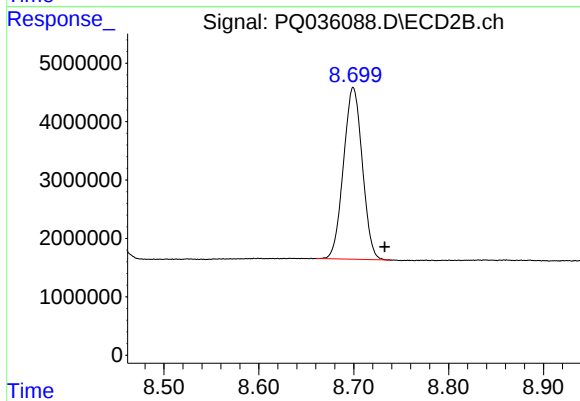
#1 Tetrachloro-m-xylene

R.T.: 3.729 min
Delta R.T.: -0.015 min
Response: 45656568
Conc: 20.43 ng/ml



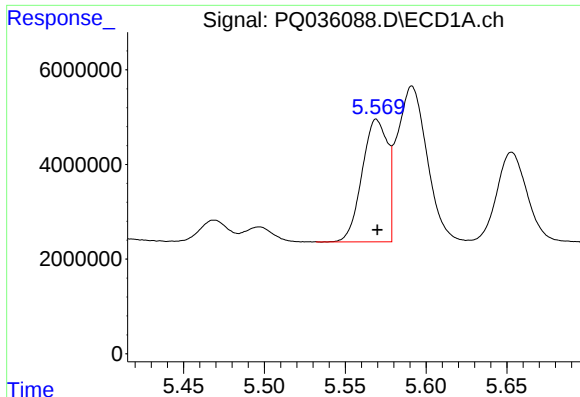
#2 Decachlorobiphenyl

R.T.: 10.083 min
Delta R.T.: 0.002 min
Response: 73624498
Conc: 24.98 ng/ml



#2 Decachlorobiphenyl

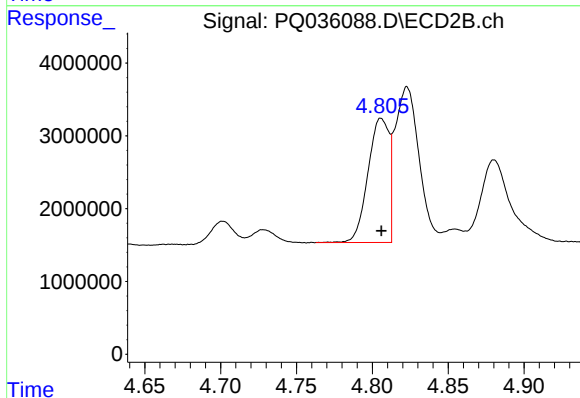
R.T.: 8.700 min
Delta R.T.: -0.033 min
Response: 40555596
Conc: 22.95 ng/ml



#3 AR-1016-1

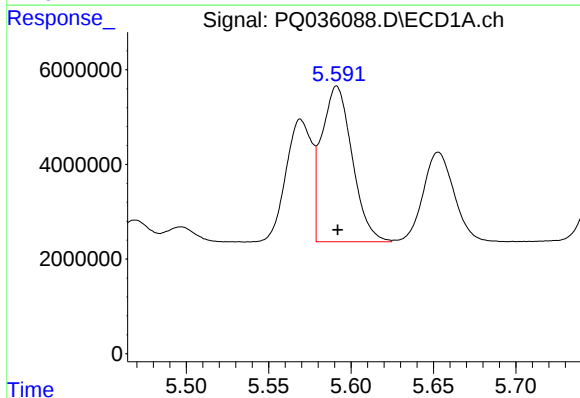
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 28380758
Conc: 221.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



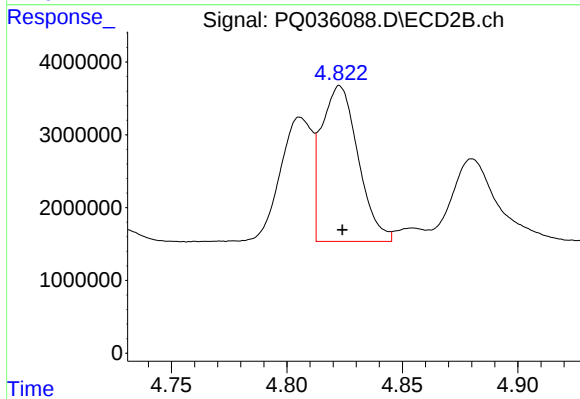
#3 AR-1016-1

R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 16434952
Conc: 213.15 ng/ml



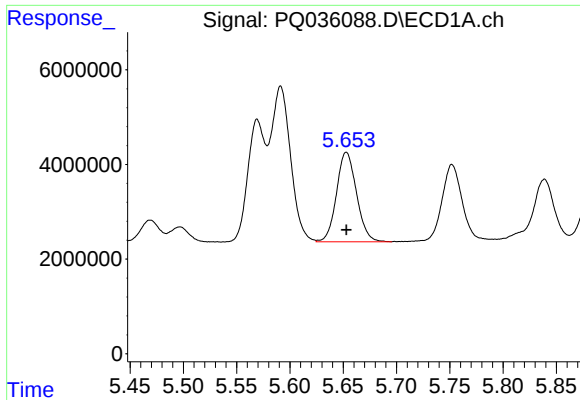
#4 AR-1016-2

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 42436110
Conc: 221.26 ng/ml



#4 AR-1016-2

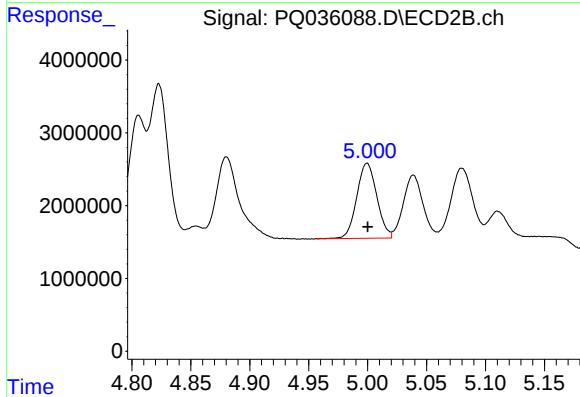
R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 23637497
Conc: 208.89 ng/ml



#5 AR-1016-3

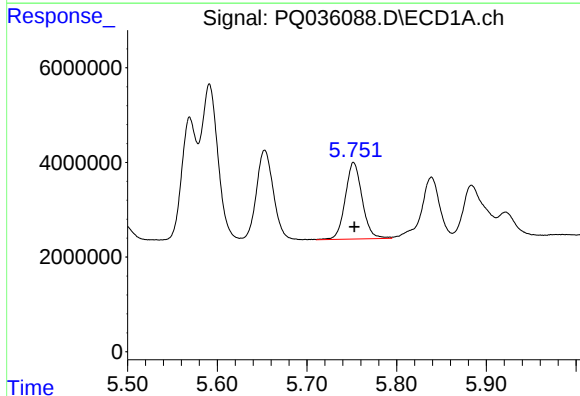
R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 24760626
Conc: 216.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



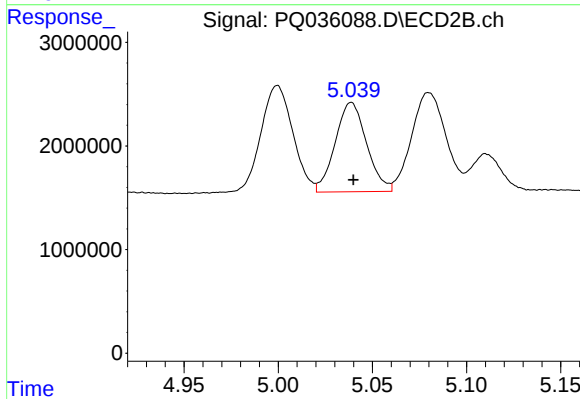
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 12233559
Conc: 209.48 ng/ml



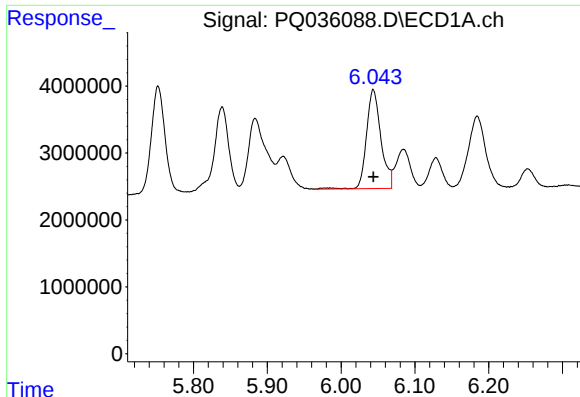
#6 AR-1016-4

R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 21158650
Conc: 222.19 ng/ml



#6 AR-1016-4

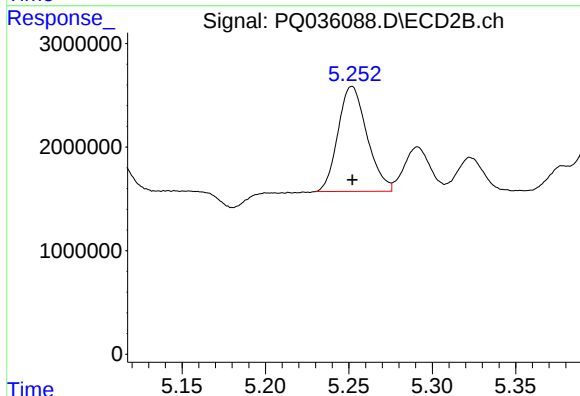
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 10014173
Conc: 212.97 ng/ml



#7 AR-1016-5

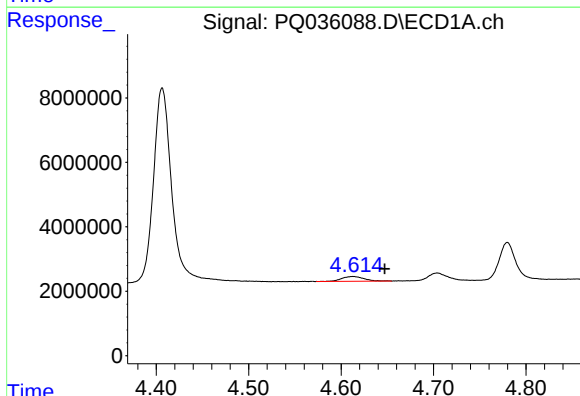
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 20177382
Conc: 221.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



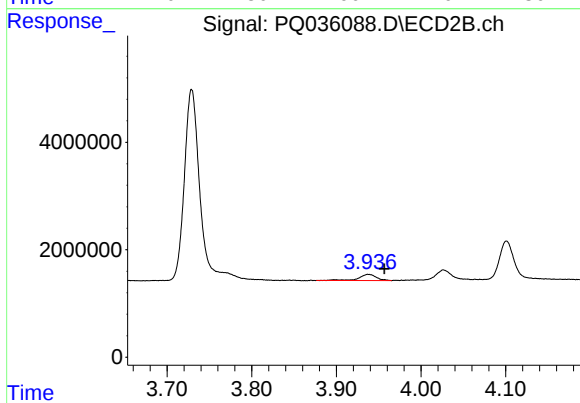
#7 AR-1016-5

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 12285493
Conc: 200.13 ng/ml



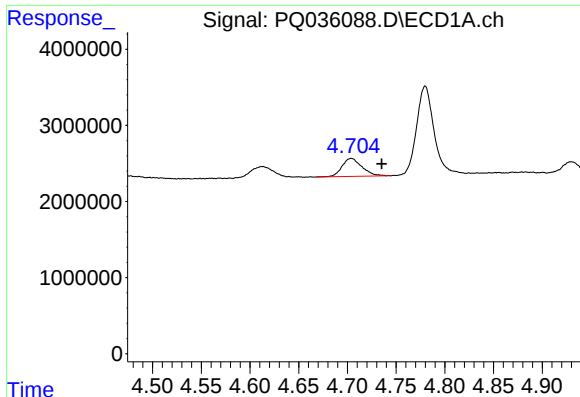
#8 AR-1221-1

R.T.: 4.613 min
Delta R.T.: -0.034 min
Response: 2384505
Conc: 69.80 ng/ml



#8 AR-1221-1

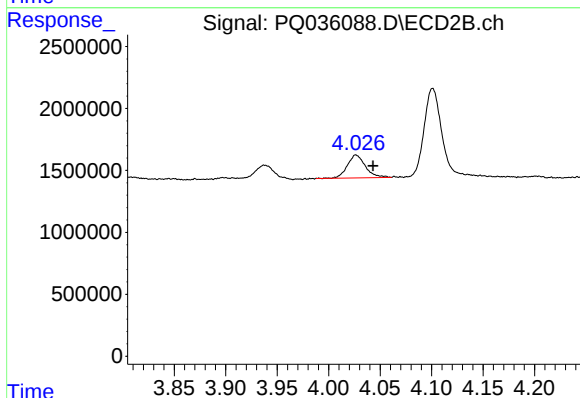
R.T.: 3.938 min
Delta R.T.: -0.019 min
Response: 1688267
Conc: 82.75 ng/ml



#9 AR-1221-2

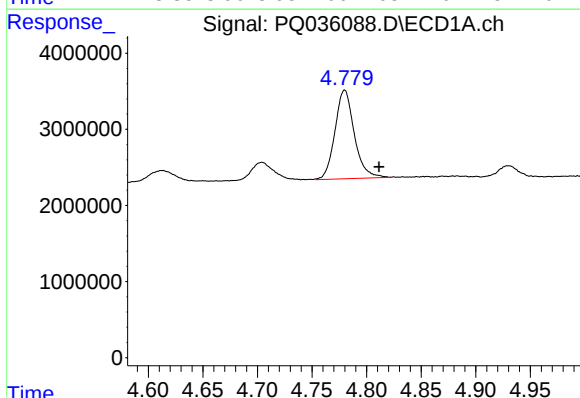
R.T.: 4.704 min
Delta R.T.: -0.031 min
Response: 3338563
Conc: 131.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



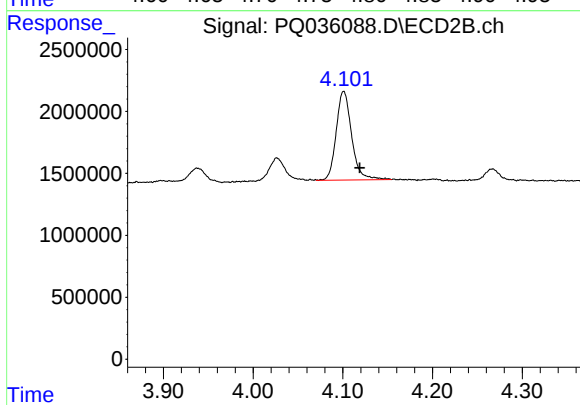
#9 AR-1221-2

R.T.: 4.027 min
Delta R.T.: -0.017 min
Response: 2249579
Conc: 152.20 ng/ml



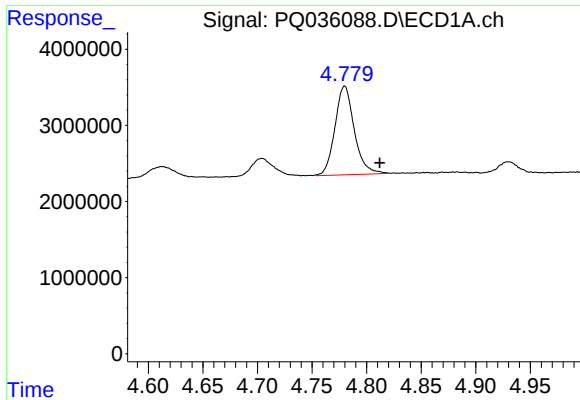
#10 AR-1221-3

R.T.: 4.780 min
Delta R.T.: -0.032 min
Response: 14385254
Conc: 172.86 ng/ml



#10 AR-1221-3

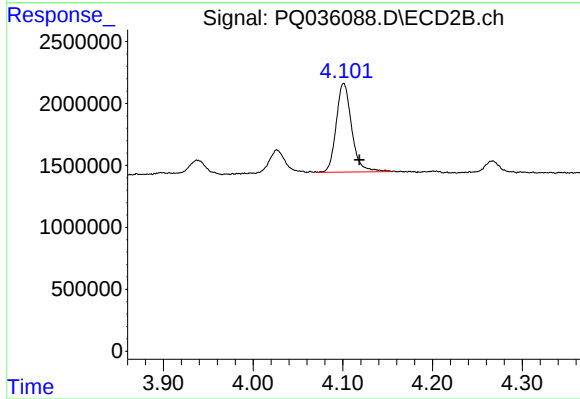
R.T.: 4.101 min
Delta R.T.: -0.018 min
Response: 8583094
Conc: 176.68 ng/ml



#11 AR-1232-1

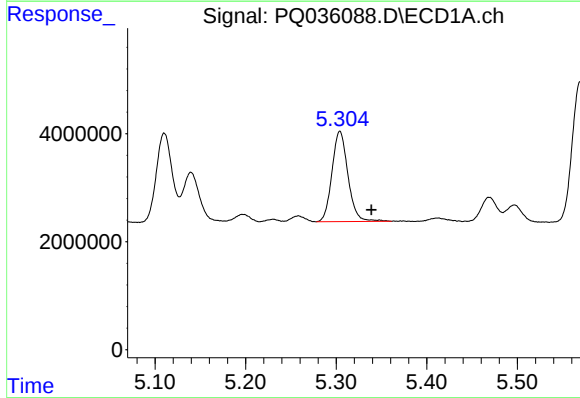
R.T.: 4.780 min
Delta R.T.: -0.032 min
Response: 14385254
Conc: 197.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



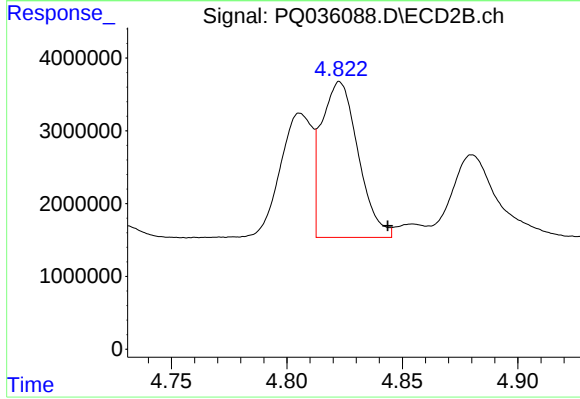
#11 AR-1232-1

R.T.: 4.101 min
Delta R.T.: -0.018 min
Response: 8583094
Conc: 194.93 ng/ml



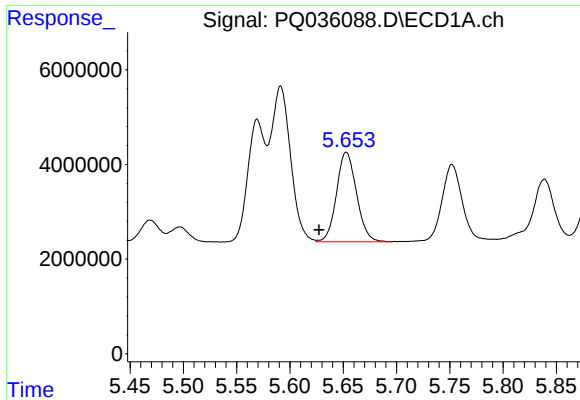
#12 AR-1232-2

R.T.: 5.304 min
Delta R.T.: -0.035 min
Response: 20443535
Conc: 530.48 ng/ml



#12 AR-1232-2

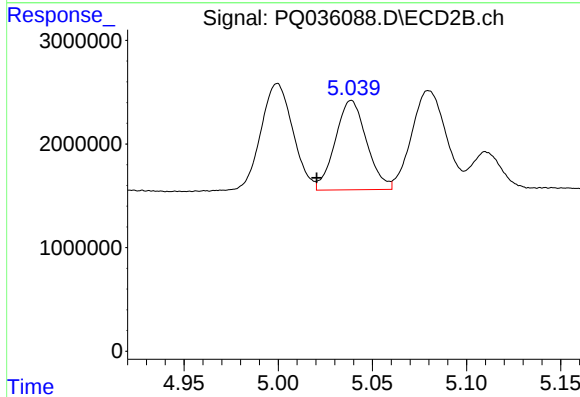
R.T.: 4.823 min
Delta R.T.: -0.021 min
Response: 23637497
Conc: 481.78 ng/ml



#13 AR-1232-3

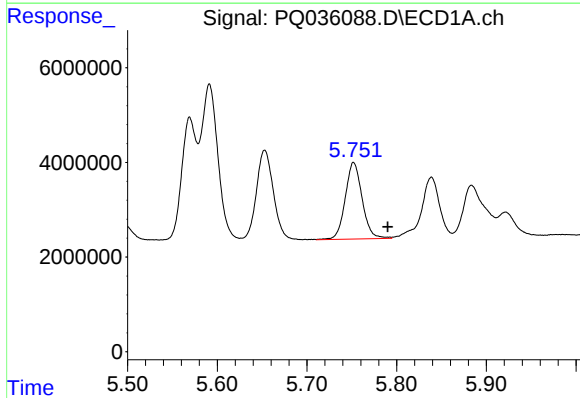
R.T.: 5.653 min
Delta R.T.: 0.026 min
Response: 24760626
Conc: 302.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



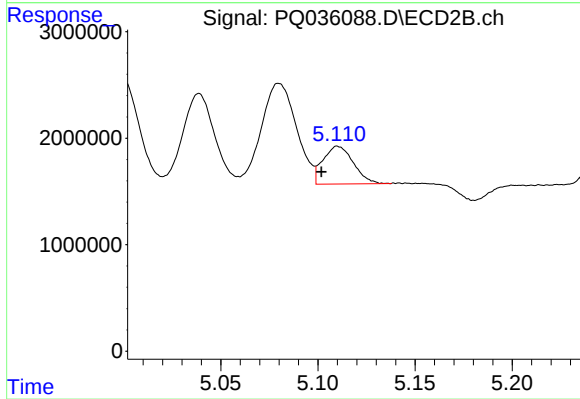
#13 AR-1232-3

R.T.: 5.039 min
Delta R.T.: 0.018 min
Response: 10014173
Conc: 391.92 ng/ml



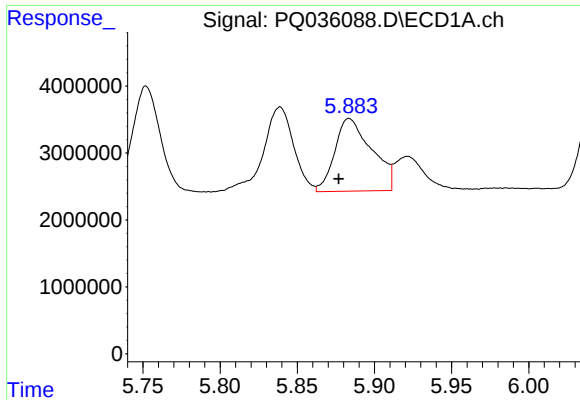
#14 AR-1232-4

R.T.: 5.752 min
Delta R.T.: -0.038 min
Response: 21158650
Conc: 528.41 ng/ml



#14 AR-1232-4

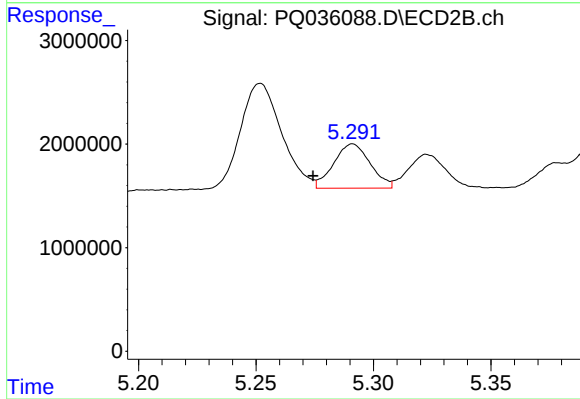
R.T.: 5.110 min
Delta R.T.: 0.008 min
Response: 3873912
Conc: 169.79 ng/ml



#15 AR-1232-5

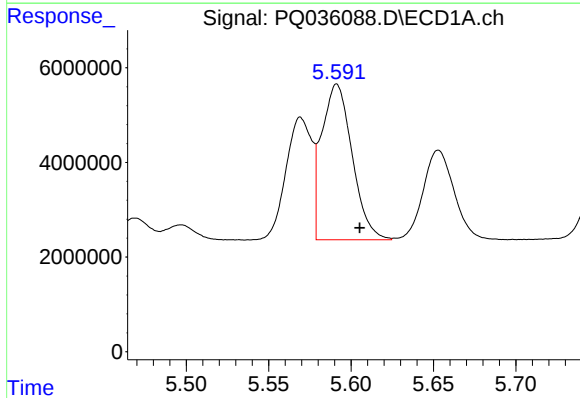
R.T.: 5.884 min
Delta R.T.: 0.007 min
Response: 18125422
Conc: 572.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



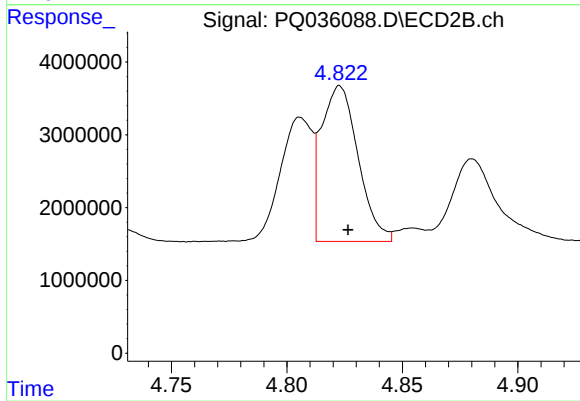
#15 AR-1232-5

R.T.: 5.291 min
Delta R.T.: 0.017 min
Response: 4623352
Conc: 185.10 ng/ml



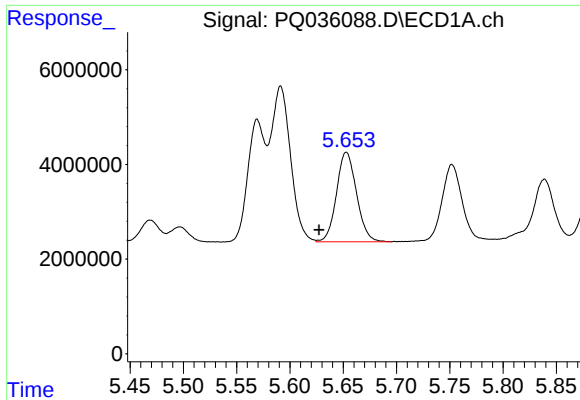
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.014 min
Response: 42436110
Conc: 439.85 ng/ml



#16 AR-1242-1

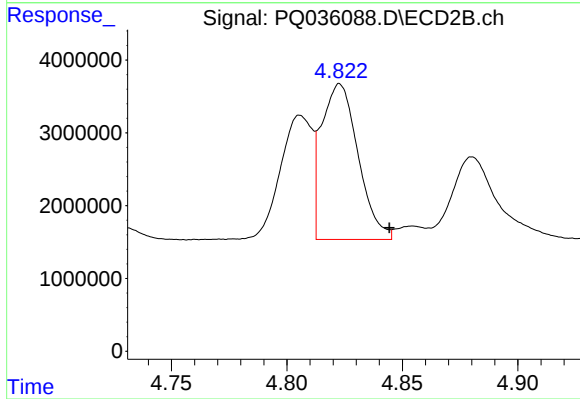
R.T.: 4.823 min
Delta R.T.: -0.004 min
Response: 23637497
Conc: 399.46 ng/ml



#17 AR-1242-2

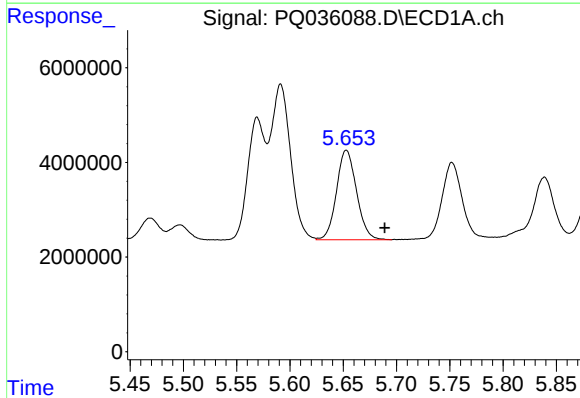
R.T.: 5.653 min
Delta R.T.: 0.026 min
Response: 24760626
Conc: 170.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



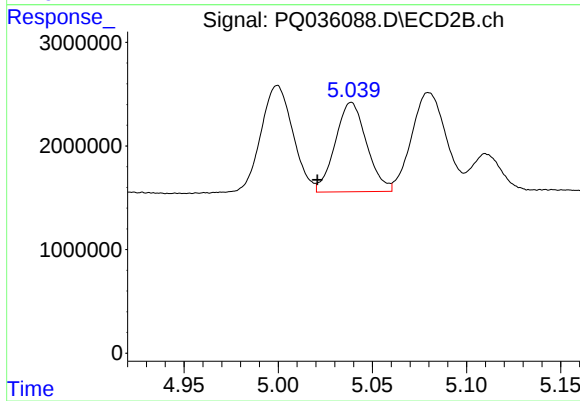
#17 AR-1242-2

R.T.: 4.823 min
Delta R.T.: -0.022 min
Response: 23637497
Conc: 274.51 ng/ml



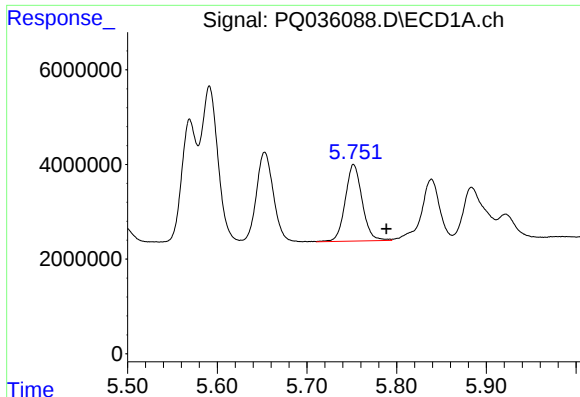
#18 AR-1242-3

R.T.: 5.653 min
Delta R.T.: -0.036 min
Response: 24760626
Conc: 286.20 ng/ml



#18 AR-1242-3

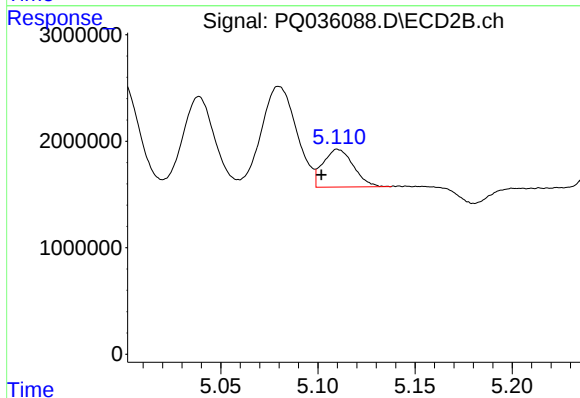
R.T.: 5.039 min
Delta R.T.: 0.018 min
Response: 10014173
Conc: 222.36 ng/ml



#19 AR-1242-4

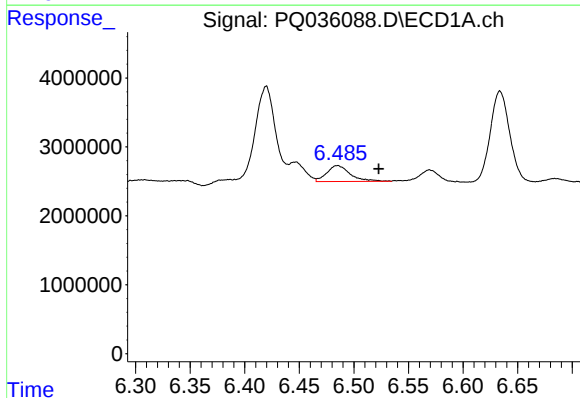
R.T.: 5.752 min
Delta R.T.: -0.037 min
Response: 21158650
Conc: 305.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



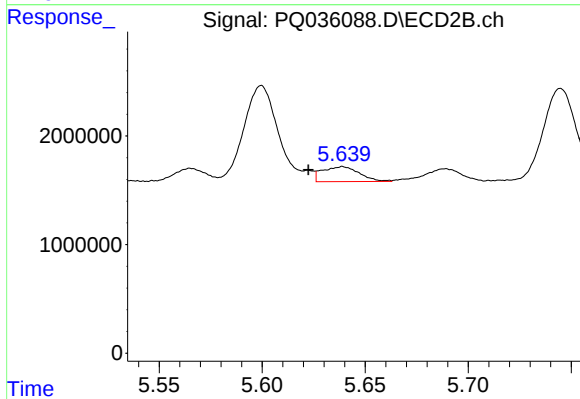
#19 AR-1242-4

R.T.: 5.110 min
Delta R.T.: 0.008 min
Response: 3873912
Conc: 87.48 ng/ml



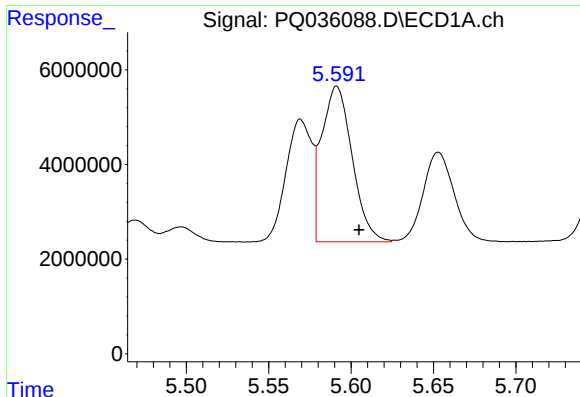
#20 AR-1242-5

R.T.: 6.485 min
Delta R.T.: -0.038 min
Response: 3452961
Conc: 44.01 ng/ml



#20 AR-1242-5

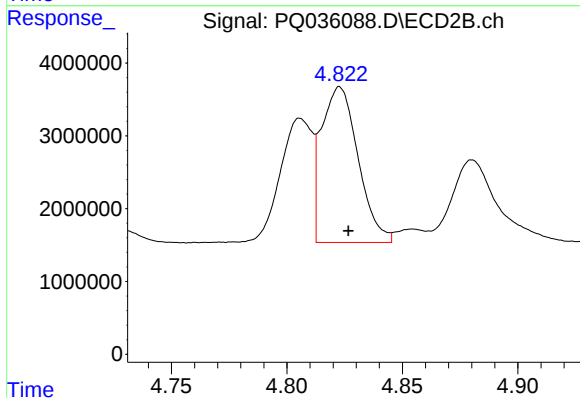
R.T.: 5.639 min
Delta R.T.: 0.017 min
Response: 1718098
Conc: 31.13 ng/ml



#21 AR-1248-1

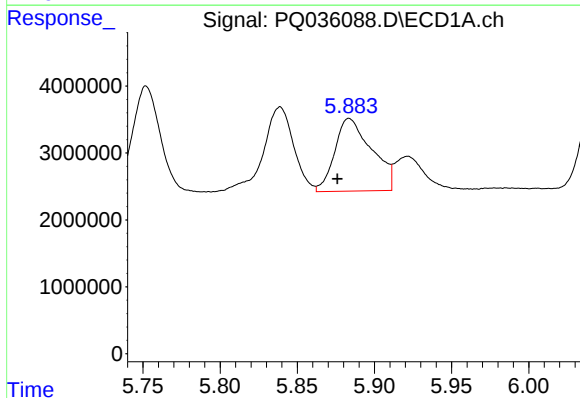
R.T.: 5.591 min
Delta R.T.: -0.014 min
Response: 42436110
Conc: 642.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



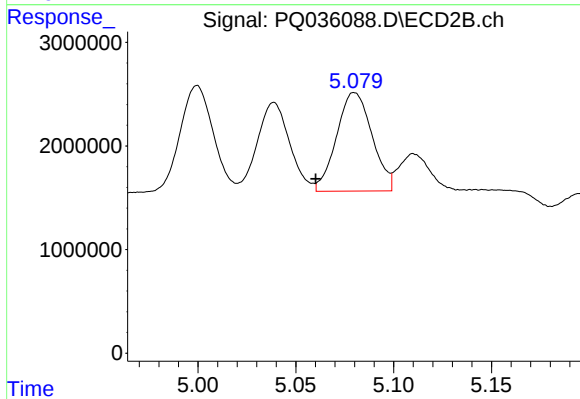
#21 AR-1248-1

R.T.: 4.823 min
Delta R.T.: -0.004 min
Response: 23637497
Conc: 599.10 ng/ml



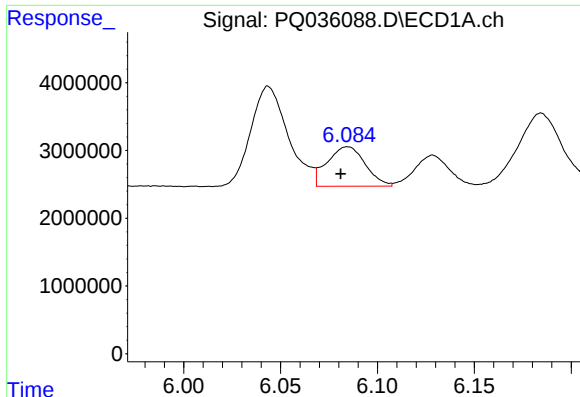
#22 AR-1248-2

R.T.: 5.884 min
Delta R.T.: 0.008 min
Response: 18125422
Conc: 191.23 ng/ml



#22 AR-1248-2

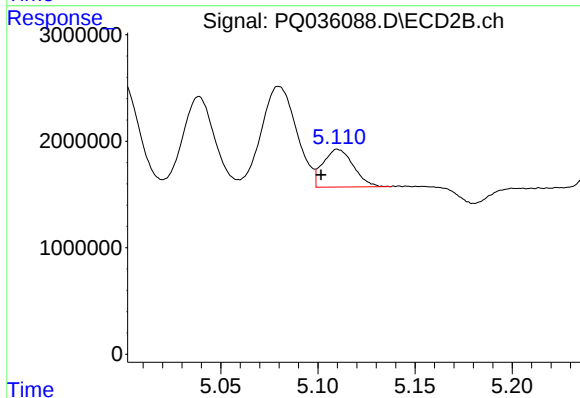
R.T.: 5.080 min
Delta R.T.: 0.020 min
Response: 12004008
Conc: 221.17 ng/ml



#23 AR-1248-3

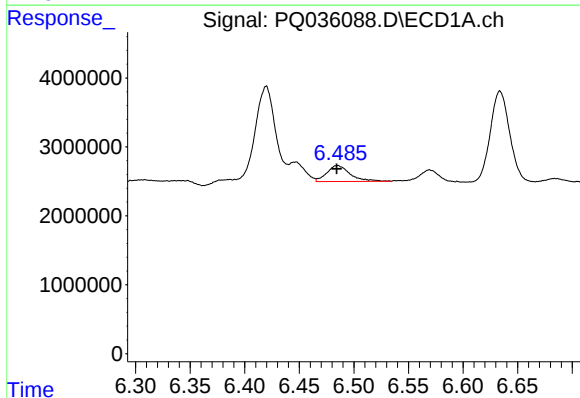
R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 7965964
Conc: 76.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



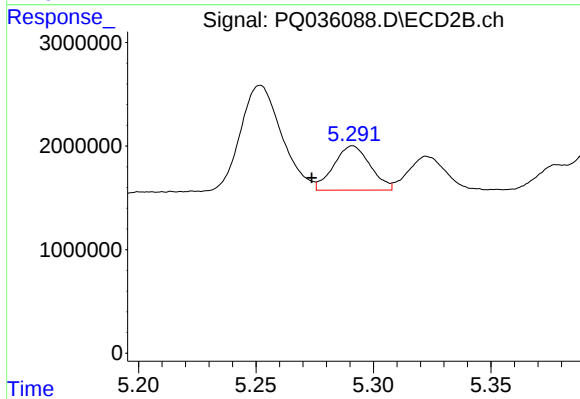
#23 AR-1248-3

R.T.: 5.110 min
Delta R.T.: 0.009 min
Response: 3873912
Conc: 69.42 ng/ml



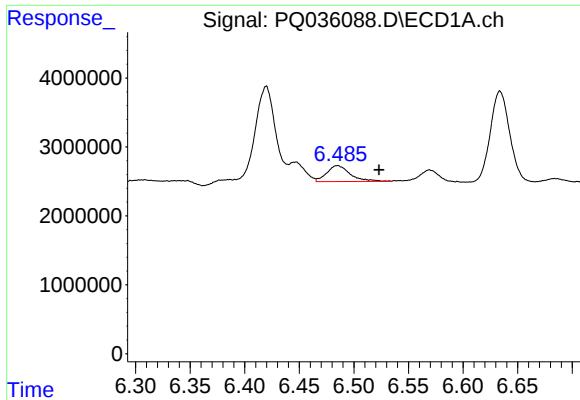
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 3452961
Conc: 28.04 ng/ml



#24 AR-1248-4

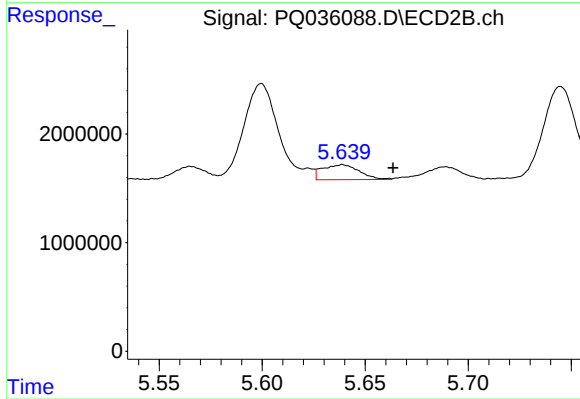
R.T.: 5.291 min
Delta R.T.: 0.018 min
Response: 4623352
Conc: 66.79 ng/ml



#25 AR-1248-5

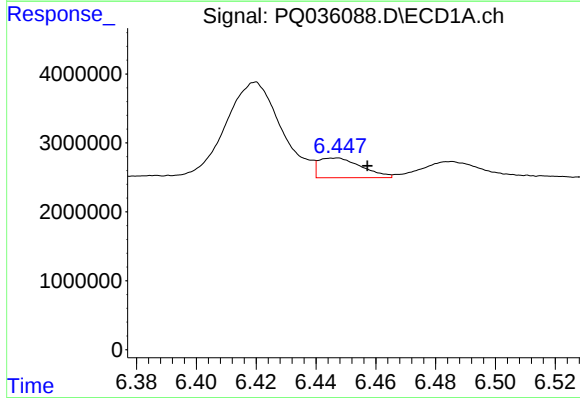
R.T.: 6.485 min
Delta R.T.: -0.038 min
Response: 3452961
Conc: 29.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



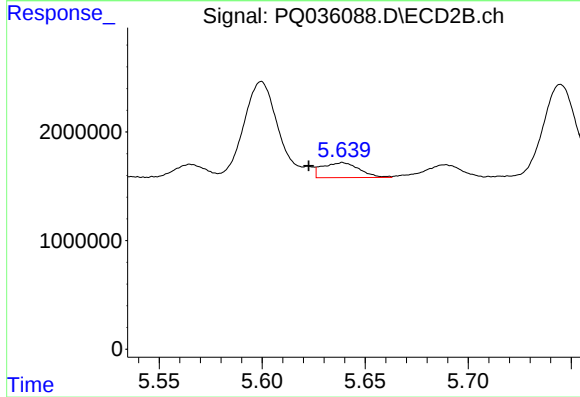
#25 AR-1248-5

R.T.: 5.639 min
Delta R.T.: -0.024 min
Response: 1718098
Conc: 24.38 ng/ml



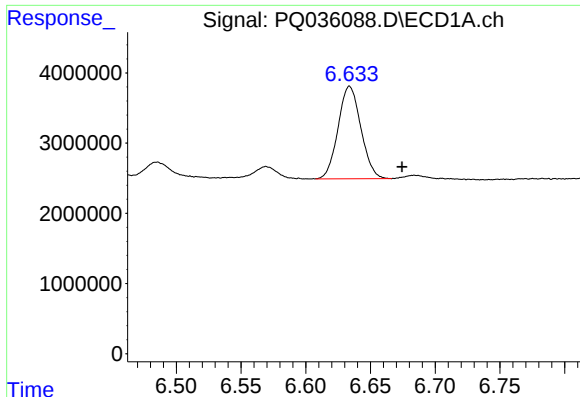
#26 AR-1254-1

R.T.: 6.446 min
Delta R.T.: -0.011 min
Response: 2861200
Conc: 18.79 ng/ml



#26 AR-1254-1

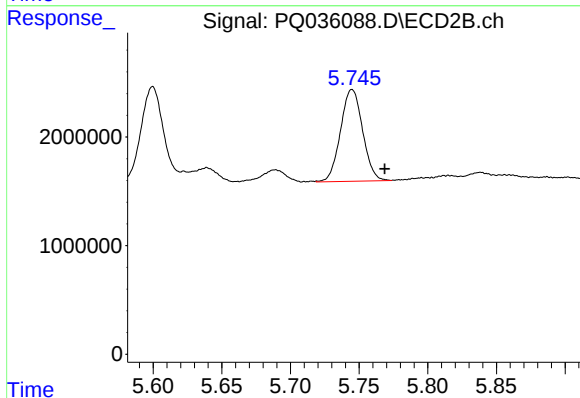
R.T.: 5.639 min
Delta R.T.: 0.017 min
Response: 1718098
Conc: 12.88 ng/ml



#27 AR-1254-2

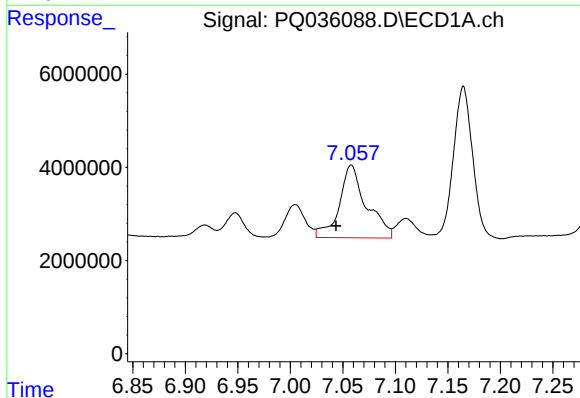
R.T.: 6.634 min
Delta R.T.: -0.041 min
Response: 16185117
Conc: 68.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



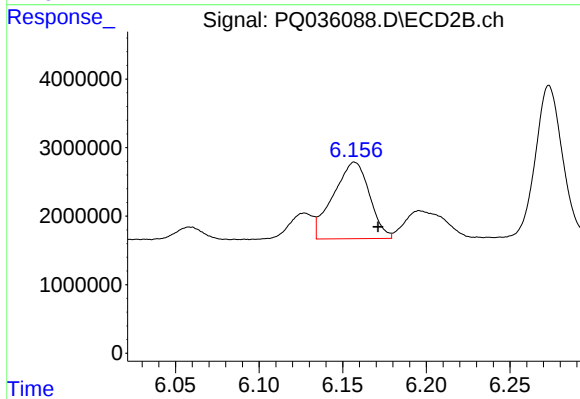
#27 AR-1254-2

R.T.: 5.745 min
Delta R.T.: -0.024 min
Response: 9485105
Conc: 82.09 ng/ml



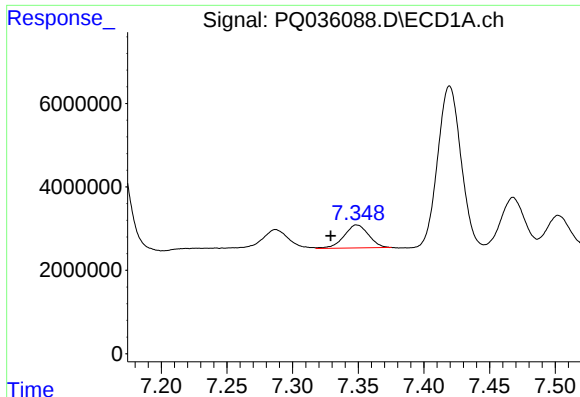
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: 0.014 min
Response: 28035970
Conc: 109.19 ng/ml



#28 AR-1254-3

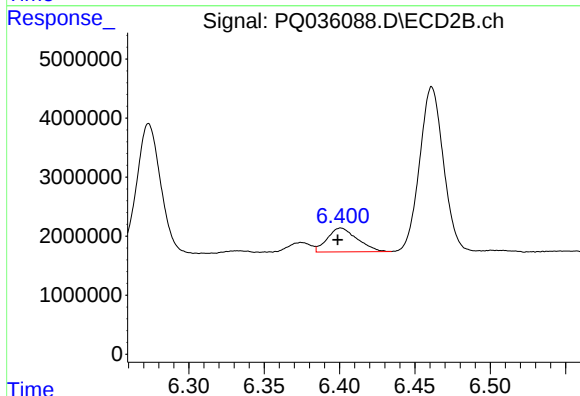
R.T.: 6.157 min
Delta R.T.: -0.014 min
Response: 16876141
Conc: 87.41 ng/ml



#29 AR-1254-4

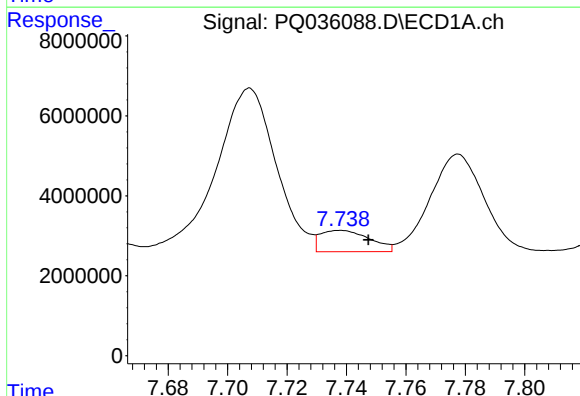
R.T.: 7.349 min
Delta R.T.: 0.020 min
Response: 7160373
Conc: 39.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



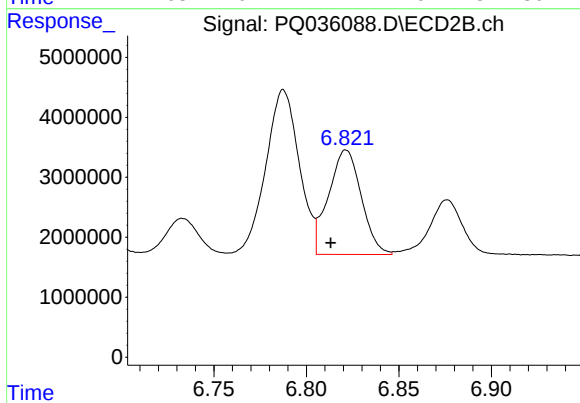
#29 AR-1254-4

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 5569498
Conc: 46.28 ng/ml



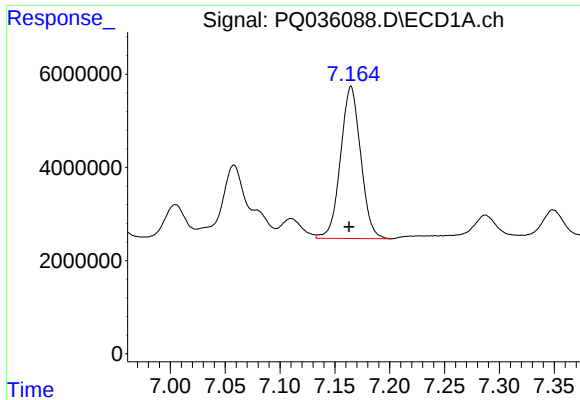
#30 AR-1254-5

R.T.: 7.738 min
Delta R.T.: -0.009 min
Response: 6147485
Conc: 31.34 ng/ml



#30 AR-1254-5

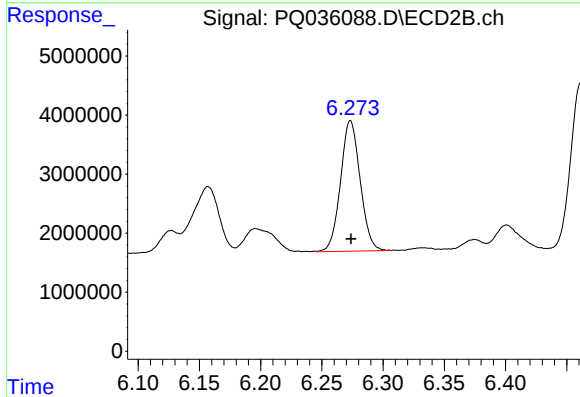
R.T.: 6.821 min
Delta R.T.: 0.008 min
Response: 21511998
Conc: 132.09 ng/ml



#31 AR-1260-1

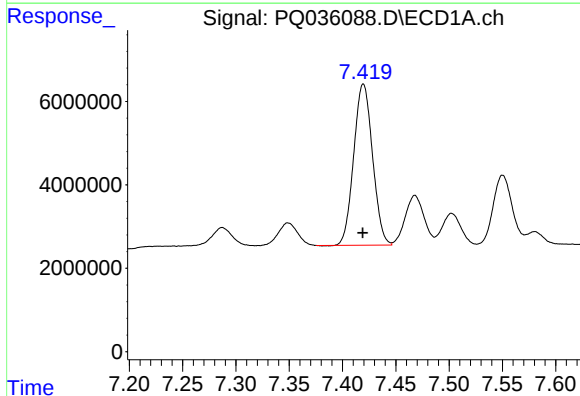
R.T.: 7.165 min
Delta R.T.: 0.002 min
Response: 41788149
Conc: 226.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



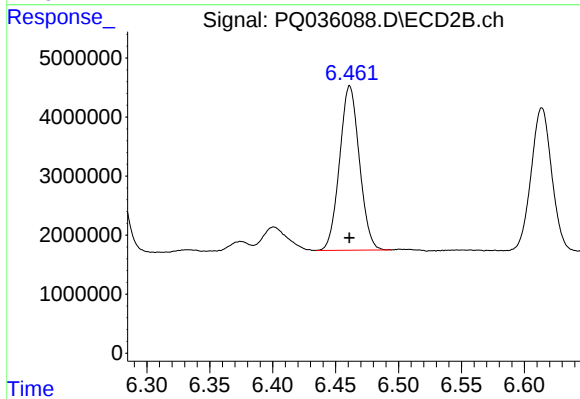
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 24651836
Conc: 195.98 ng/ml



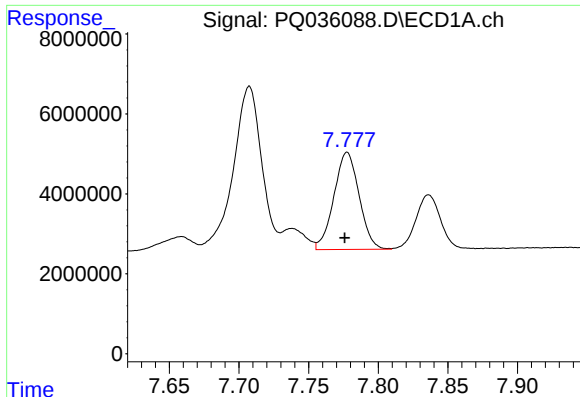
#32 AR-1260-2

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 47565225
Conc: 218.91 ng/ml



#32 AR-1260-2

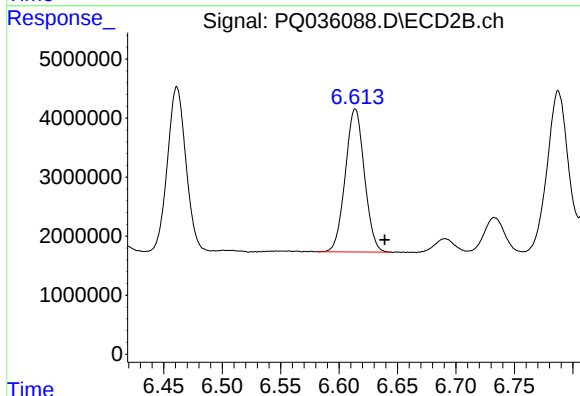
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 30531177
Conc: 202.18 ng/ml



#33 AR-1260-3

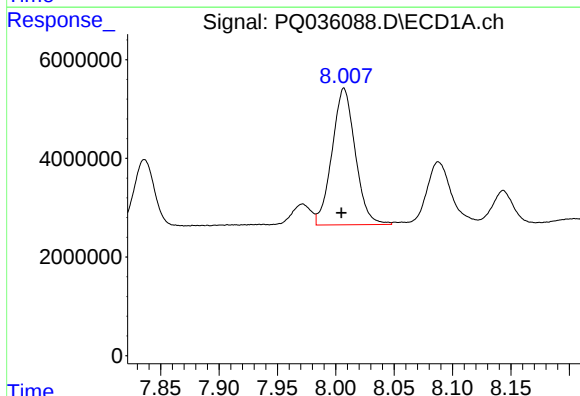
R.T.: 7.778 min
Delta R.T.: 0.002 min
Response: 30621291
Conc: 228.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



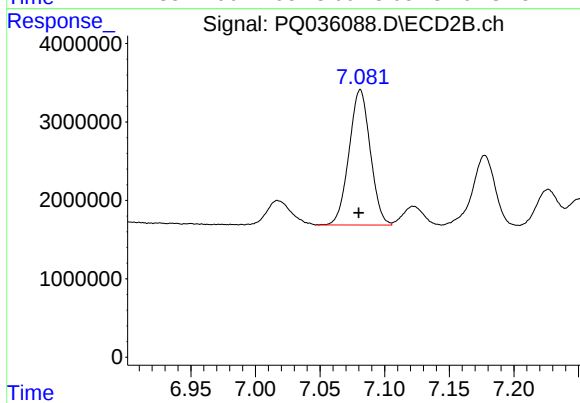
#33 AR-1260-3

R.T.: 6.614 min
Delta R.T.: -0.025 min
Response: 27547019
Conc: 197.14 ng/ml



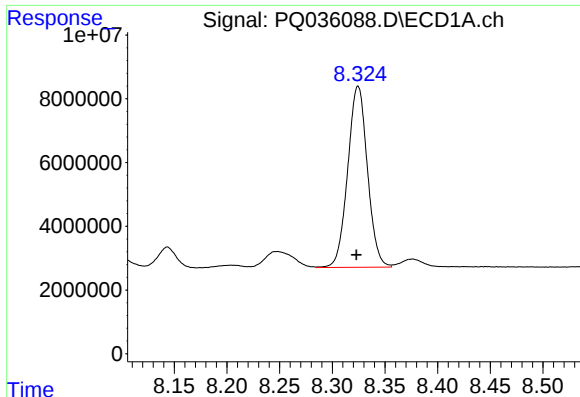
#34 AR-1260-4

R.T.: 8.007 min
Delta R.T.: 0.002 min
Response: 38310262
Conc: 232.45 ng/ml



#34 AR-1260-4

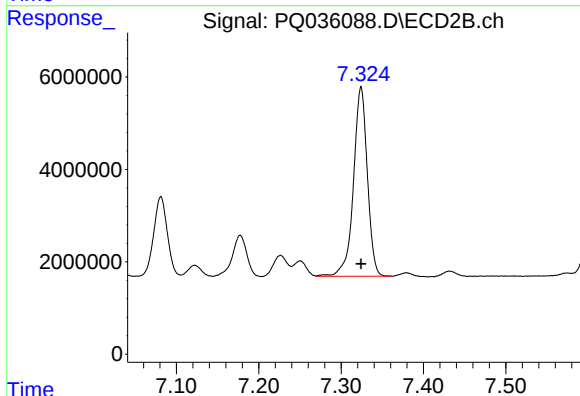
R.T.: 7.081 min
Delta R.T.: 0.001 min
Response: 19754954
Conc: 212.75 ng/ml



#35 AR-1260-5

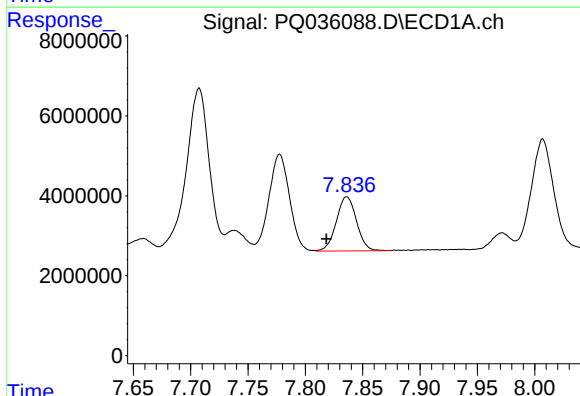
R.T.: 8.325 min
Delta R.T.: 0.002 min
Response: 74082462
Conc: 248.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



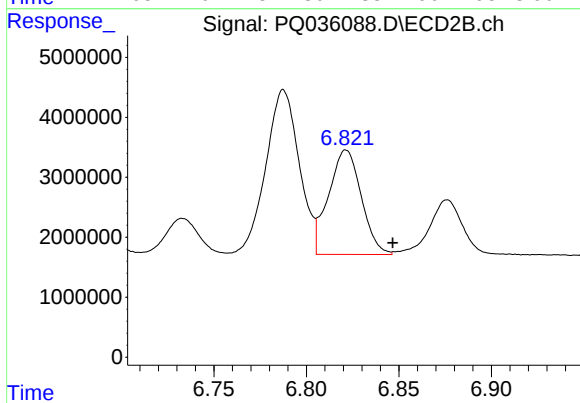
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 48053265
Conc: 214.14 ng/ml



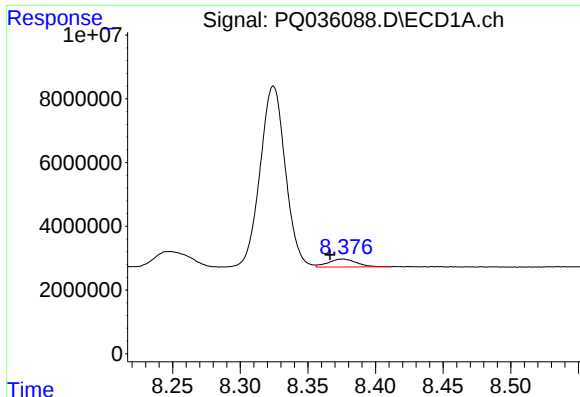
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: 0.018 min
Response: 16553207
Conc: 75.56 ng/ml



#36 AR-1262-1

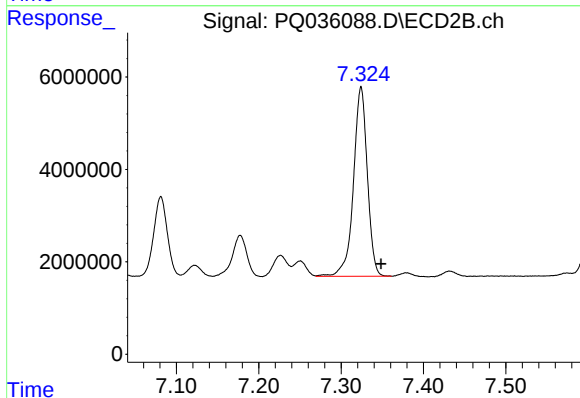
R.T.: 6.821 min
Delta R.T.: -0.025 min
Response: 21511998
Conc: 140.17 ng/ml



#37 AR-1262-2

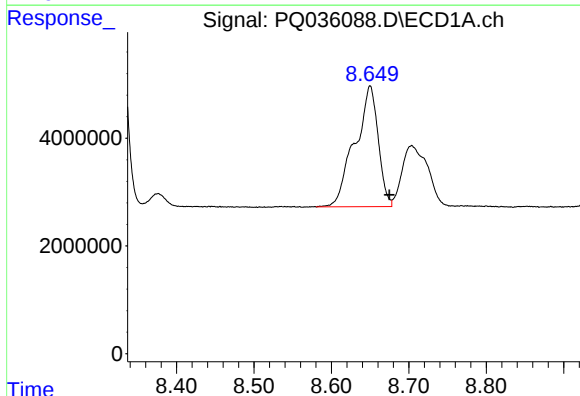
R.T.: 8.376 min
Delta R.T.: 0.009 min
Response: 3589703
Conc: 9.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



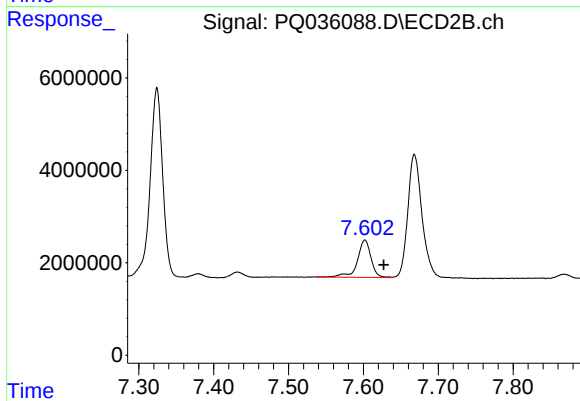
#37 AR-1262-2

R.T.: 7.324 min
Delta R.T.: -0.024 min
Response: 48053265
Conc: 180.07 ng/ml



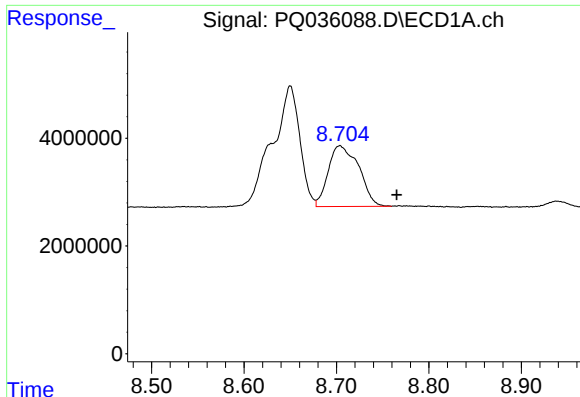
#38 AR-1262-3

R.T.: 8.650 min
Delta R.T.: -0.025 min
Response: 46753834
Conc: 194.49 ng/ml



#38 AR-1262-3

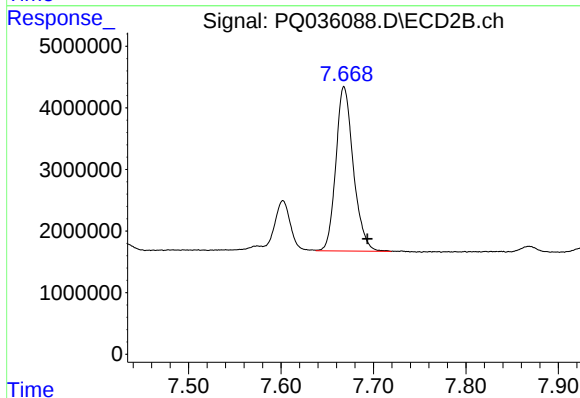
R.T.: 7.602 min
Delta R.T.: -0.025 min
Response: 10175388
Conc: 98.05 ng/ml



#39 AR-1262-4

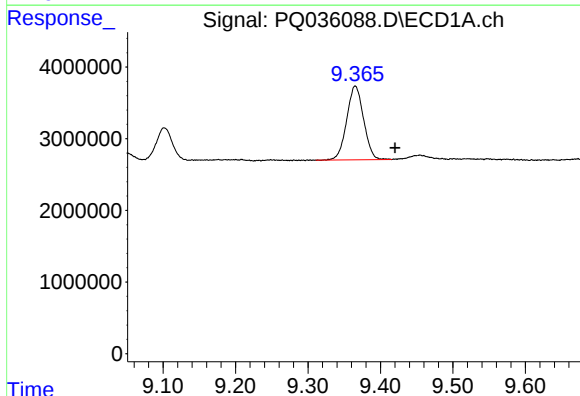
R.T.: 8.704 min
Delta R.T.: -0.062 min
Response: 25933154
Conc: 143.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



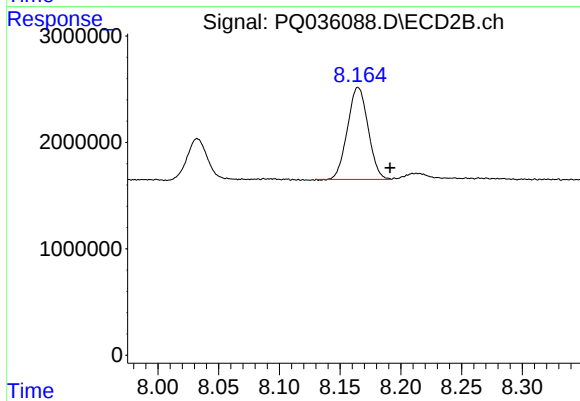
#39 AR-1262-4

R.T.: 7.668 min
Delta R.T.: -0.025 min
Response: 35142221
Conc: 189.71 ng/ml



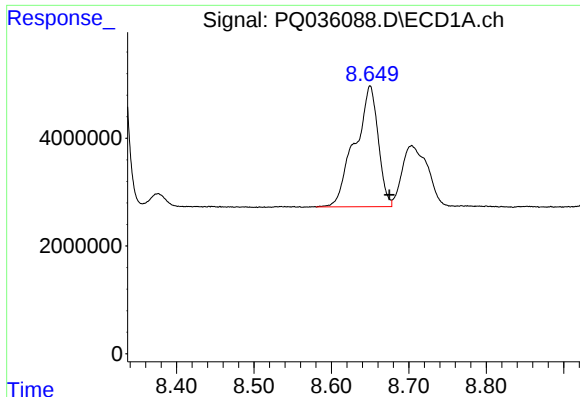
#40 AR-1262-5

R.T.: 9.365 min
Delta R.T.: -0.055 min
Response: 16708021
Conc: 146.71 ng/ml



#40 AR-1262-5

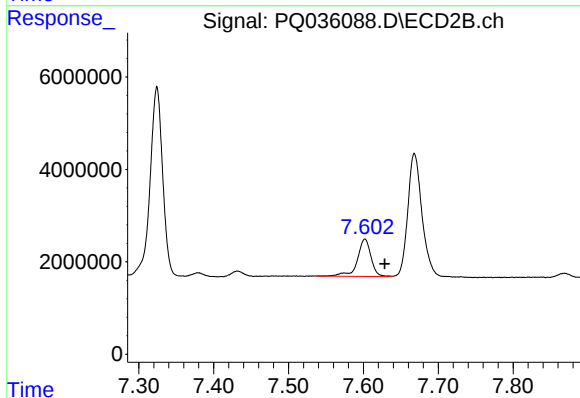
R.T.: 8.165 min
Delta R.T.: -0.026 min
Response: 10224841
Conc: 137.75 ng/ml



#41 AR-1268-1

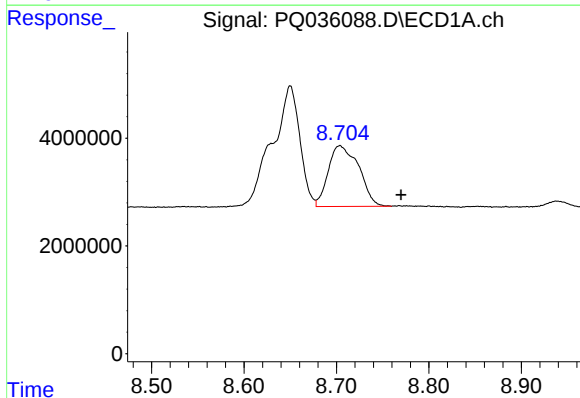
R.T.: 8.650 min
Delta R.T.: -0.025 min
Response: 46753834
Conc: 96.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



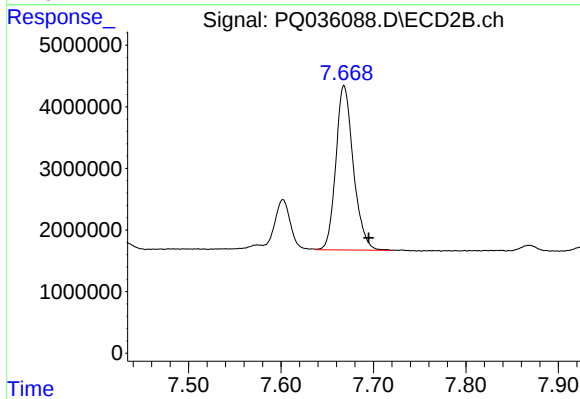
#41 AR-1268-1

R.T.: 7.602 min
Delta R.T.: -0.026 min
Response: 10175388
Conc: 30.51 ng/ml



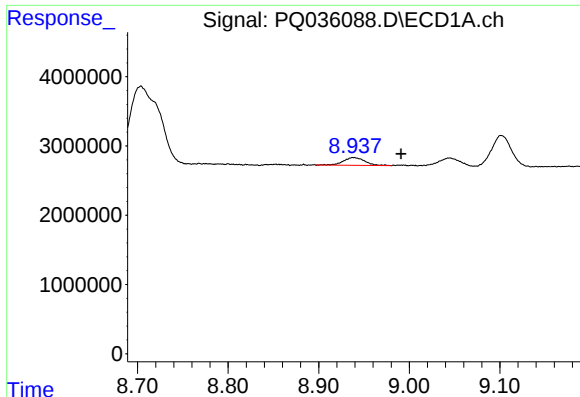
#42 AR-1268-2

R.T.: 8.704 min
Delta R.T.: -0.066 min
Response: 25933154
Conc: 60.11 ng/ml



#42 AR-1268-2

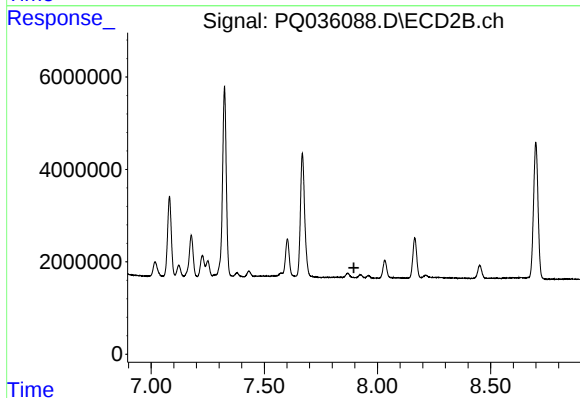
R.T.: 7.668 min
Delta R.T.: -0.027 min
Response: 35142221
Conc: 118.58 ng/ml



#43 AR-1268-3

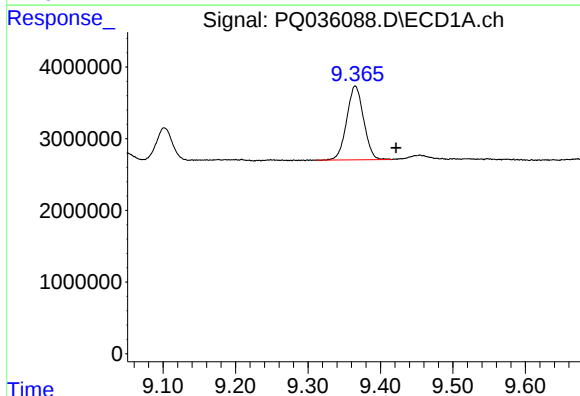
R.T.: 8.938 min
Delta R.T.: -0.053 min
Response: 1852562
Conc: 4.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



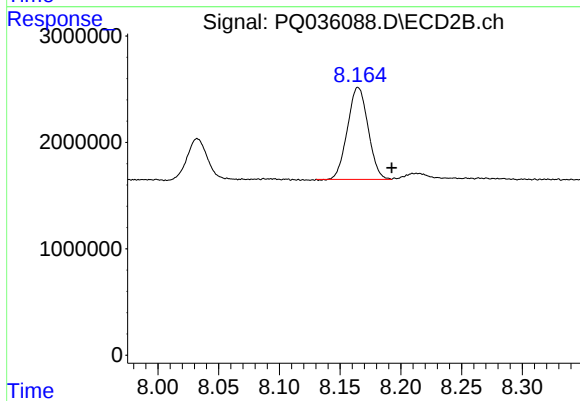
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.896 min
Response: 0
Conc: N.D.



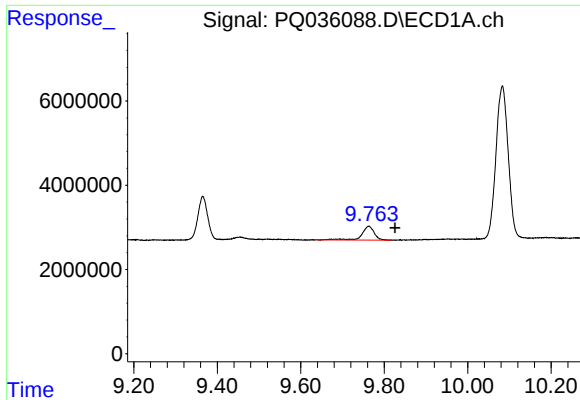
#44 AR-1268-4

R.T.: 9.365 min
Delta R.T.: -0.056 min
Response: 16708021
Conc: 121.87 ng/ml



#44 AR-1268-4

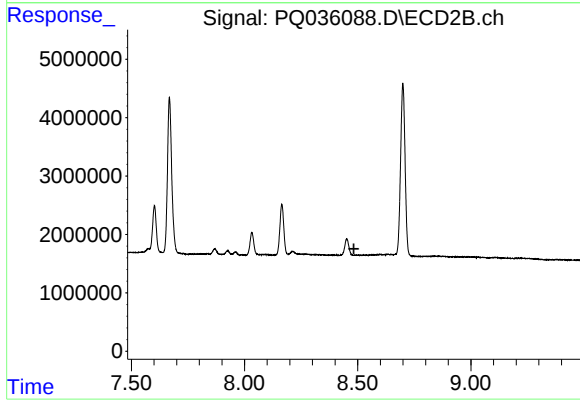
R.T.: 8.165 min
Delta R.T.: -0.028 min
Response: 10224841
Conc: 109.61 ng/ml



#45 AR-1268-5

R.T.: 9.763 min
Delta R.T.: -0.063 min
Response: 6792583
Conc: 5.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.483 min
Response: 0
Conc: N.D.