

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021919\
 Data File : PQ037396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2019 14:42
 Operator : SM\SJ
 Sample : AR1660CCC500
 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: Feb 19 16:16:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 13 16:51:51 2019
 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...	4.273	3.666	271.3E6	140.8E6	46.522	46.456
2)	SA Decachlor...	9.789	8.579	228.4E6	99779221	46.635	45.910
Target Compounds							
3)	L1 AR-1016-1	5.425	4.748	77847834	65039848	439.747	691.722 #
4)	L1 AR-1016-2	5.445	4.748	120.3E6	65039848	442.140	462.495
5)	L1 AR-1016-3	5.506	4.924	69889671	32746801	438.092	465.903
6)	L1 AR-1016-4	5.606	4.962	57307190	26234334	424.889	474.002
7)	L1 AR-1016-5	5.893	5.174	56861872	24618694	438.825	340.881
8)	L2 AR-1221-1	4.483	3.873	6667359	3716101	67.185	71.901
9)	L2 AR-1221-2	4.573	3.961	10249745	5809678	148.250	160.478
10)	L2 AR-1221-3	4.648	4.033	39947481	22152058	164.145	174.001
11)	L3 AR-1232-1	4.648	4.033	39947481	22152058	411.932	431.867
12)	L3 AR-1232-2	5.162	4.748	56473996	65039848	1134.977	1185.899
13)	L3 AR-1232-3	5.445	4.924	120.3E6	32746801	1139.416	1223.521
14)	L3 AR-1232-4	5.606	5.003	57307190	31162219	1159.088	1350.087
15)	L3 AR-1232-5	5.689	5.174	48805652	24618694	1354.027	987.093 #
16)	L4 AR-1242-1	5.425	4.748	77847834	65039848	668.228	1045.420 #
17)	L4 AR-1242-2	5.445	4.748	120.3E6	65039848	655.712	676.255
18)	L4 AR-1242-3	5.506	4.924	69889671	32746801	647.982	688.648
19)	L4 AR-1242-4	5.606	5.003	57307190	31162219	648.613	690.665
20)	L4 AR-1242-5	6.329	5.518	16112142	38068754	161.792	670.562 #
21)	L5 AR-1248-1	5.425	4.732	77847834	41346718	695.176	694.835
22)	L5 AR-1248-2	5.689	4.962	48805652	26234334	309.747	327.274
23)	L5 AR-1248-3	5.893	5.003	56861872	31162219	322.569	384.454
24)	L5 AR-1248-4	6.293	5.174	20602109	24618694	101.144	251.331 #
25)	L5 AR-1248-5	6.329	5.559	16112142	9519637	83.272	98.707
26)	L6 AR-1254-1	6.261	5.518	61127543	38068754	106.104	90.002
27)	L6 AR-1254-2	6.473	5.663	54291471	31673844	59.906	88.614 #
28)	L6 AR-1254-3	6.843	6.071	28906837	45793284	29.467	77.648 #
29)	L6 AR-1254-4	7.124	6.290	21220828	6982578	28.702	16.644 #
30)	L6 AR-1254-5	7.539	6.699	166.0E6	88525227	218.607	185.688
31)	L7 AR-1260-1	6.997	6.187	106.3E6	63132519	406.224	448.392
32)	L7 AR-1260-2	7.252	6.374	140.1E6	77177662	421.167	444.168
33)	L7 AR-1260-3	7.605	6.525	91533956	70311871	426.605	439.894
34)	L7 AR-1260-4	7.834	6.989	98421612	46996261	410.720	448.523
35)	L7 AR-1260-5	8.144	7.233	213.9E6	114.7E6	430.785	446.518
36)	L8 AR-1262-1	7.605	6.730	91533956	53571251	212.297	253.790
37)	L8 AR-1262-2	8.144	7.233	213.9E6	114.7E6	288.501	315.898
38)	L8 AR-1262-3	8.428	7.507	40623410	22272498	130.265	158.818
39)	L8 AR-1262-4	8.506	7.574	75072768	82823578	205.772	325.947 #
40)	L8 AR-1262-5	9.131	8.067	48825815	22976777	215.524	220.997
41)	L9 AR-1268-1	8.428	7.507	40623410	22272498	53.095	62.070

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

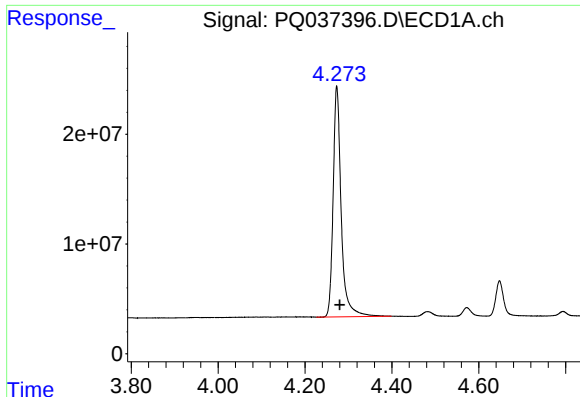
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 16:16:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.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	8.506	7.574	75072768	82823578	106.973	255.330 #
43) L9	AR-1268-3	8.719	7.767	3070907	1610473	5.000	6.083
44) L9	AR-1268-4	9.131	8.067	48825815	22976777	214.566	216.225
45) L9	AR-1268-5	9.499	8.346	12072563	6413047	6.681	7.748

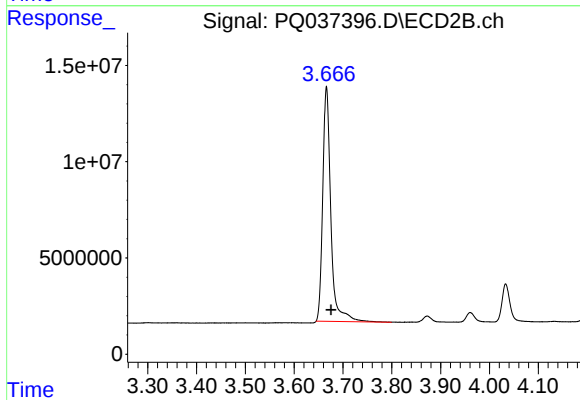
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

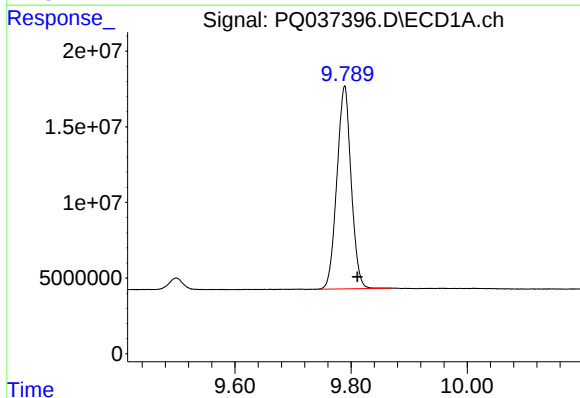
R.T.: 4.273 min
Delta R.T.: -0.007 min
Response: 271321939
Conc: 46.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



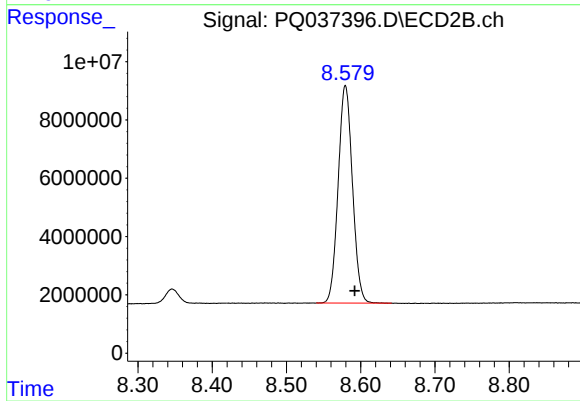
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.009 min
Response: 140765084
Conc: 46.46 ng/ml



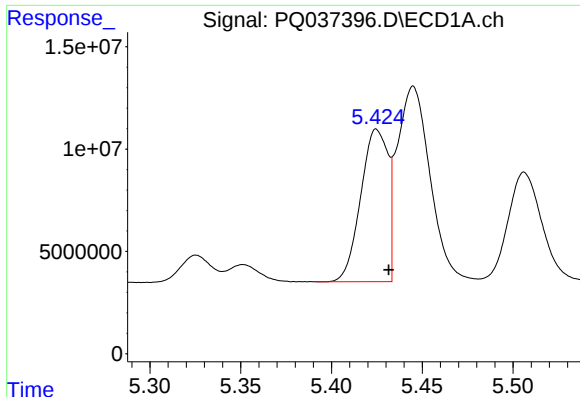
#2 Decachlorobiphenyl

R.T.: 9.789 min
Delta R.T.: -0.022 min
Response: 228419063
Conc: 46.64 ng/ml



#2 Decachlorobiphenyl

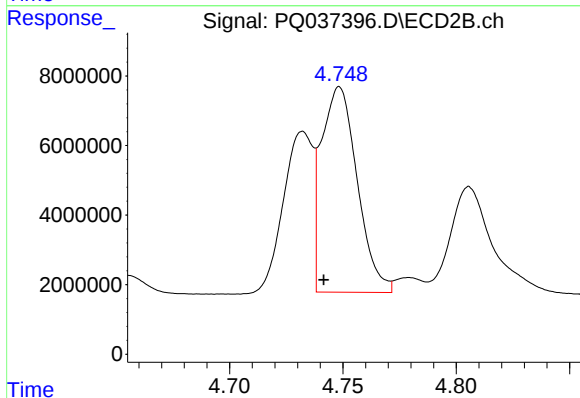
R.T.: 8.579 min
Delta R.T.: -0.013 min
Response: 99779221
Conc: 45.91 ng/ml



#3 AR-1016-1

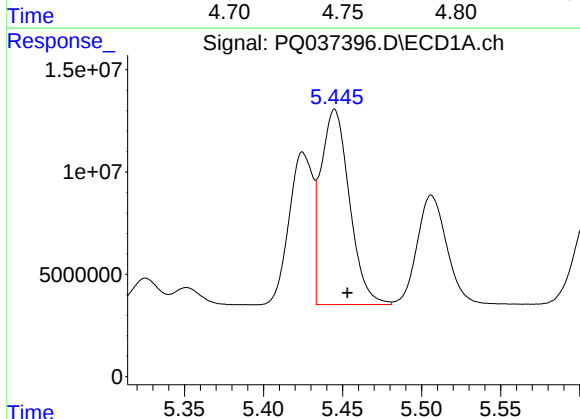
R.T.: 5.425 min
Delta R.T.: -0.007 min
Response: 77847834
Conc: 439.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



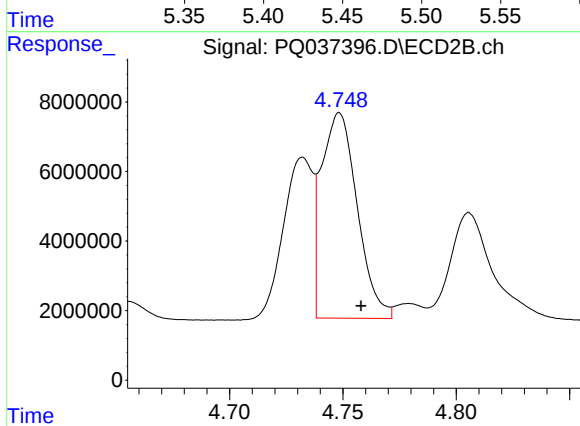
#3 AR-1016-1

R.T.: 4.748 min
Delta R.T.: 0.007 min
Response: 65039848
Conc: 691.72 ng/ml



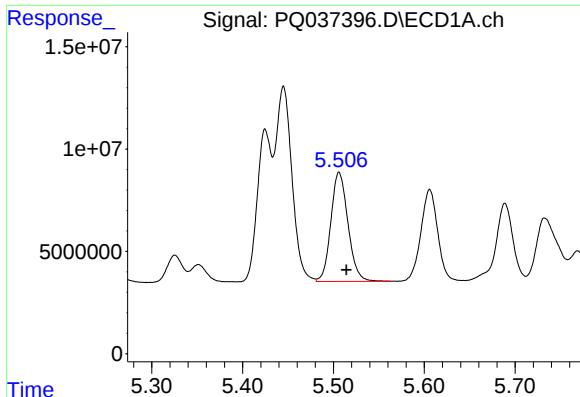
#4 AR-1016-2

R.T.: 5.445 min
Delta R.T.: -0.008 min
Response: 120258270
Conc: 442.14 ng/ml



#4 AR-1016-2

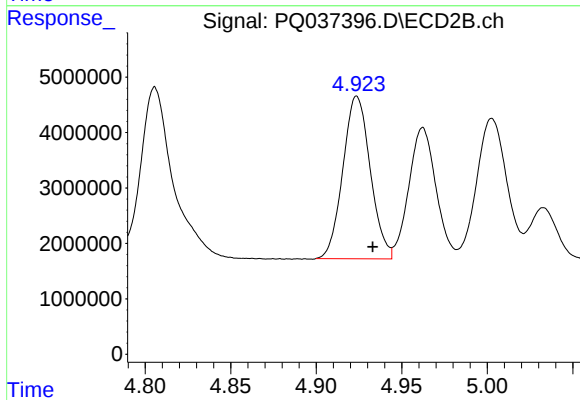
R.T.: 4.748 min
Delta R.T.: -0.009 min
Response: 65039848
Conc: 462.49 ng/ml



#5 AR-1016-3

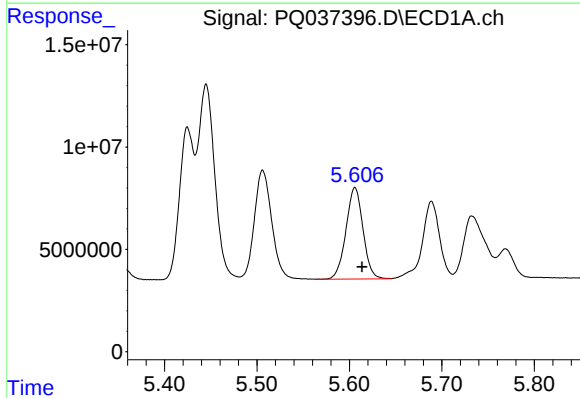
R.T.: 5.506 min
Delta R.T.: -0.008 min
Response: 69889671
Conc: 438.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



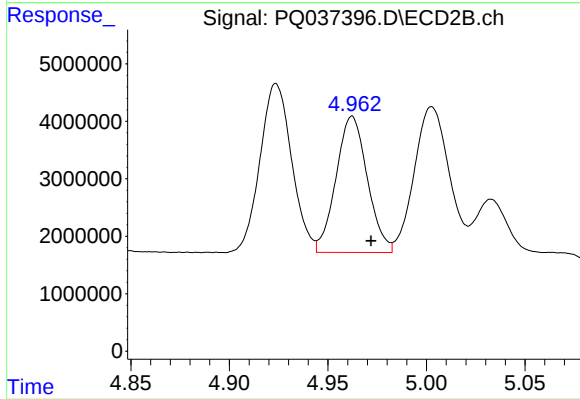
#5 AR-1016-3

R.T.: 4.924 min
Delta R.T.: -0.009 min
Response: 32746801
Conc: 465.90 ng/ml



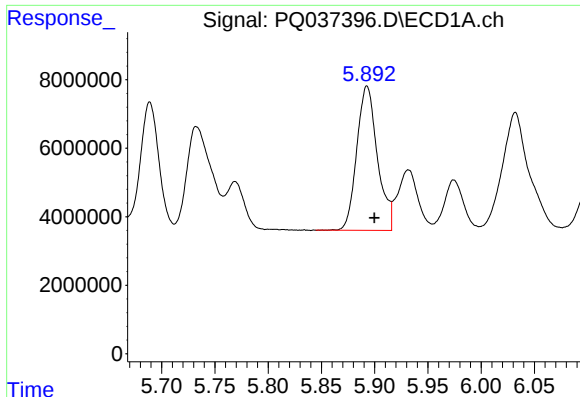
#6 AR-1016-4

R.T.: 5.606 min
Delta R.T.: -0.008 min
Response: 57307190
Conc: 424.89 ng/ml



#6 AR-1016-4

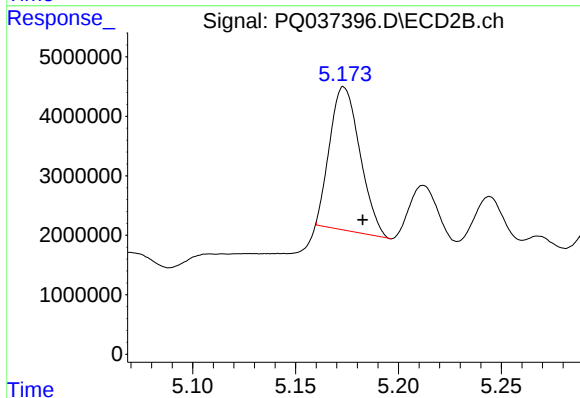
R.T.: 4.962 min
Delta R.T.: -0.010 min
Response: 26234334
Conc: 474.00 ng/ml



#7 AR-1016-5

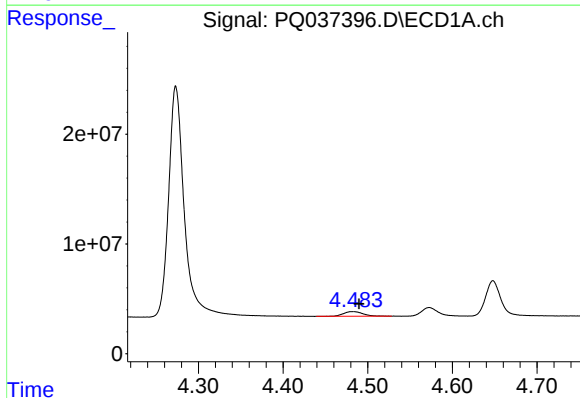
R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 56861872
Conc: 438.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



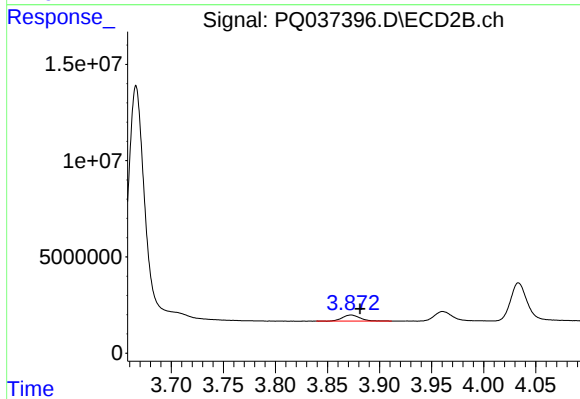
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: -0.009 min
Response: 24618694
Conc: 340.88 ng/ml



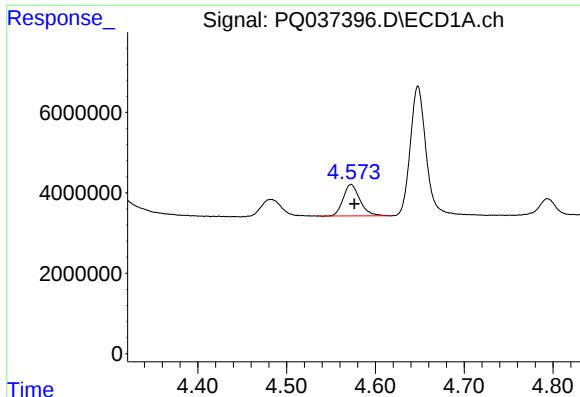
#8 AR-1221-1

R.T.: 4.483 min
Delta R.T.: -0.007 min
Response: 6667359
Conc: 67.19 ng/ml



#8 AR-1221-1

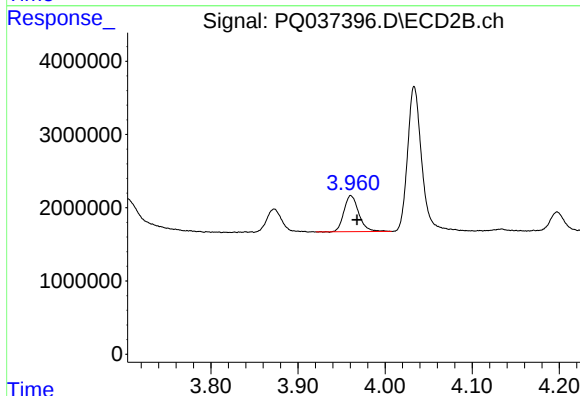
R.T.: 3.873 min
Delta R.T.: -0.009 min
Response: 3716101
Conc: 71.90 ng/ml



#9 AR-1221-2

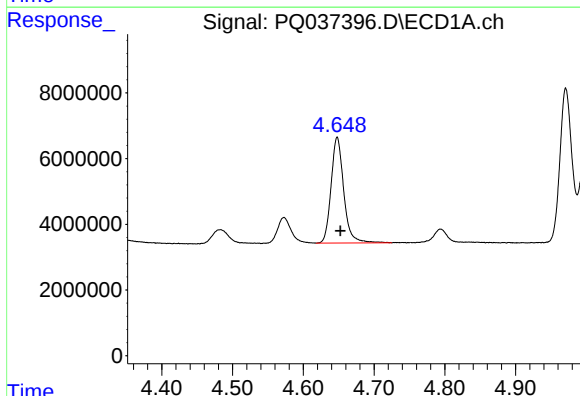
R.T.: 4.573 min
Delta R.T.: -0.004 min
Response: 10249745
Conc: 148.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



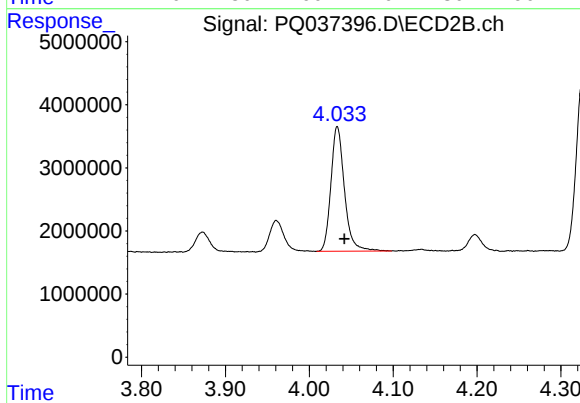
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: -0.007 min
Response: 5809678
Conc: 160.48 ng/ml



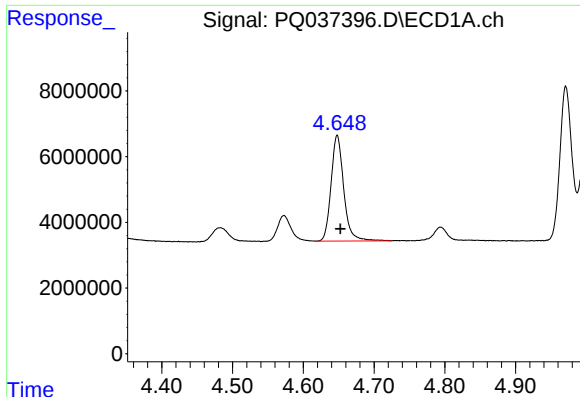
#10 AR-1221-3

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 39947481
Conc: 164.15 ng/ml



#10 AR-1221-3

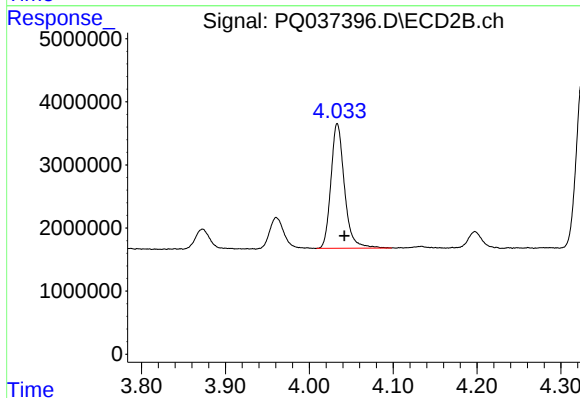
R.T.: 4.033 min
Delta R.T.: -0.008 min
Response: 22152058
Conc: 174.00 ng/ml



#11 AR-1232-1

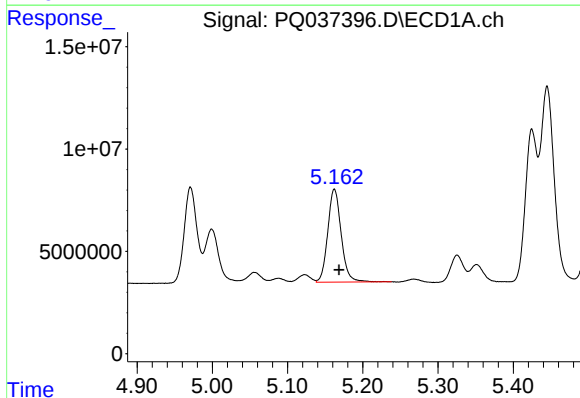
R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 39947481
Conc: 411.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



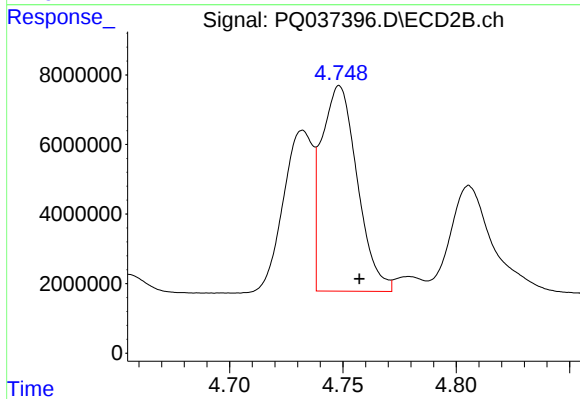
#11 AR-1232-1

R.T.: 4.033 min
Delta R.T.: -0.009 min
Response: 22152058
Conc: 431.87 ng/ml



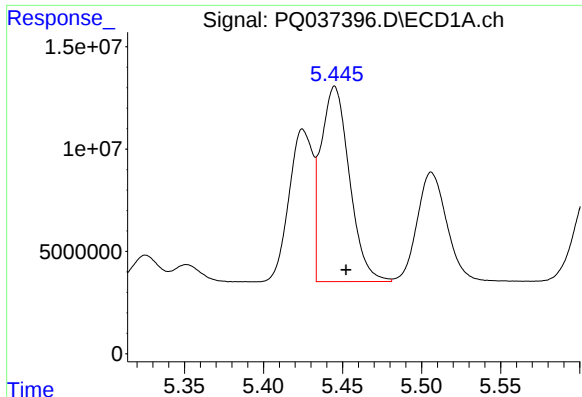
#12 AR-1232-2

R.T.: 5.162 min
Delta R.T.: -0.006 min
Response: 56473996
Conc: 1134.98 ng/ml



#12 AR-1232-2

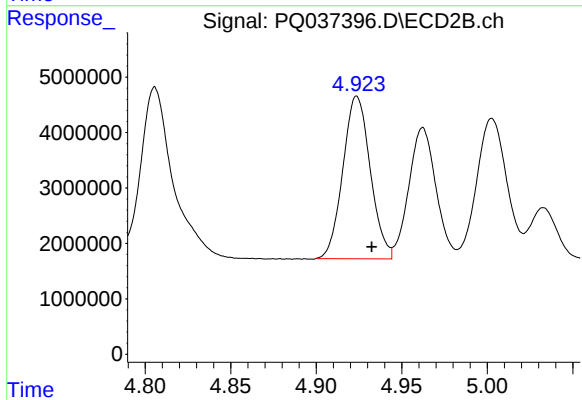
R.T.: 4.748 min
Delta R.T.: -0.009 min
Response: 65039848
Conc: 1185.90 ng/ml



#13 AR-1232-3

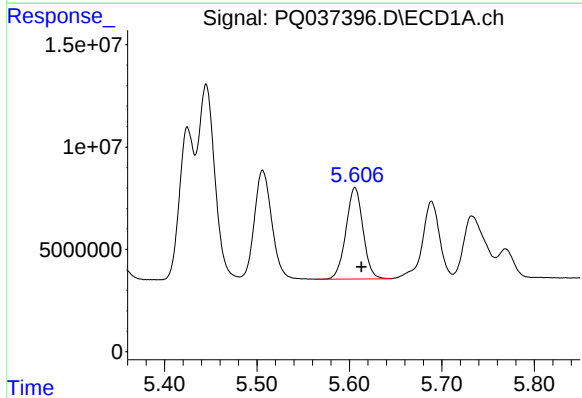
R.T.: 5.445 min
Delta R.T.: -0.007 min
Response: 120258270
Conc: 1139.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



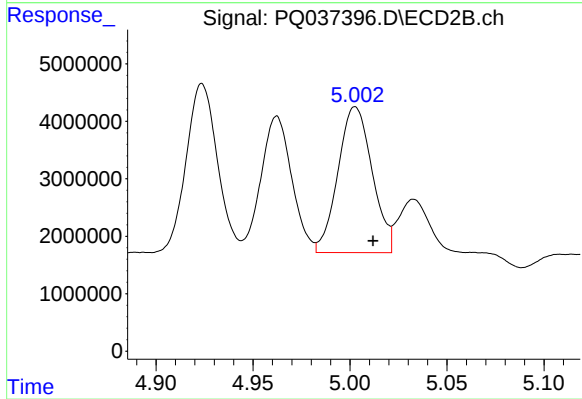
#13 AR-1232-3

R.T.: 4.924 min
Delta R.T.: -0.009 min
Response: 32746801
Conc: 1223.52 ng/ml



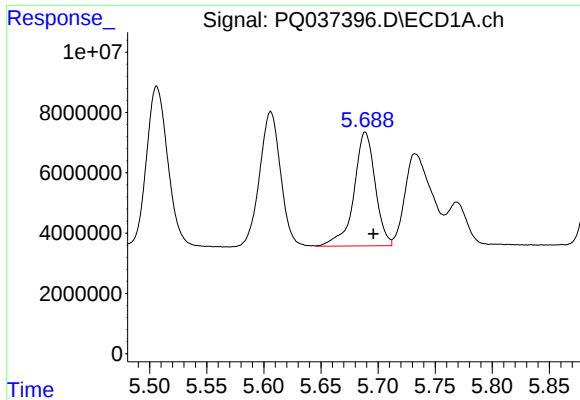
#14 AR-1232-4

R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 57307190
Conc: 1159.09 ng/ml



#14 AR-1232-4

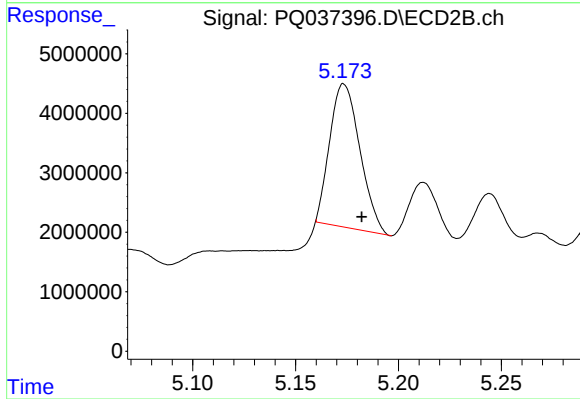
R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 31162219
Conc: 1350.09 ng/ml



#15 AR-1232-5

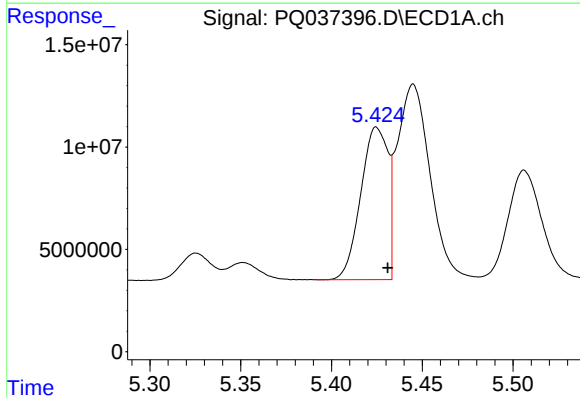
R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 48805652
Conc: 1354.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



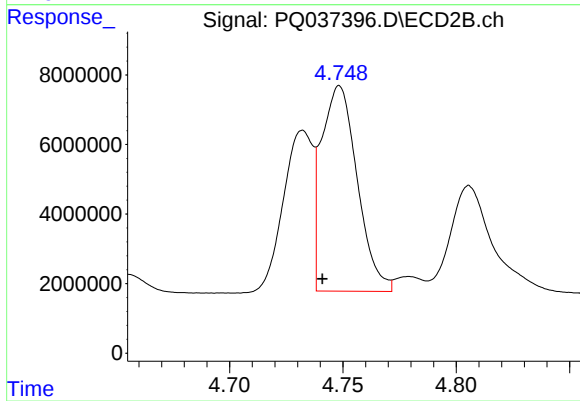
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: -0.009 min
Response: 24618694
Conc: 987.09 ng/ml



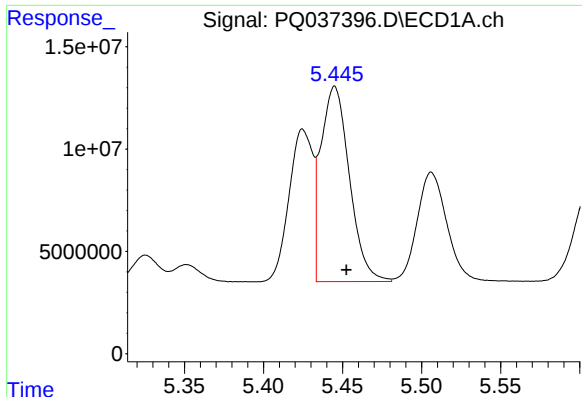
#16 AR-1242-1

R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 77847834
Conc: 668.23 ng/ml



#16 AR-1242-1

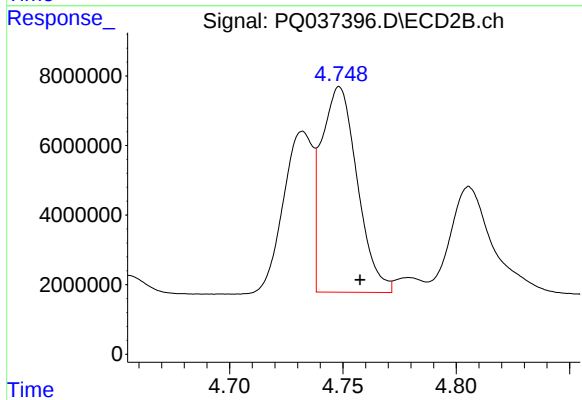
R.T.: 4.748 min
Delta R.T.: 0.008 min
Response: 65039848
Conc: 1045.42 ng/ml



#17 AR-1242-2

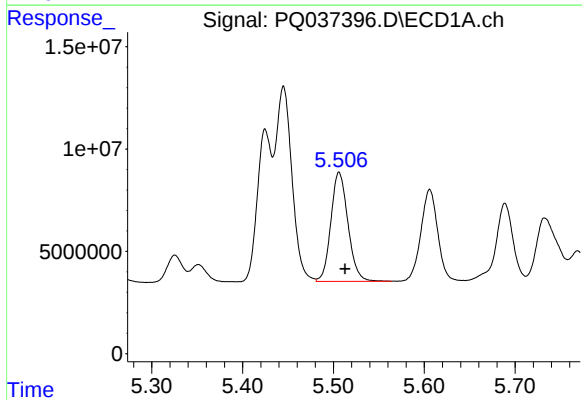
R.T.: 5.445 min
Delta R.T.: -0.007 min
Response: 120258270
Conc: 655.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



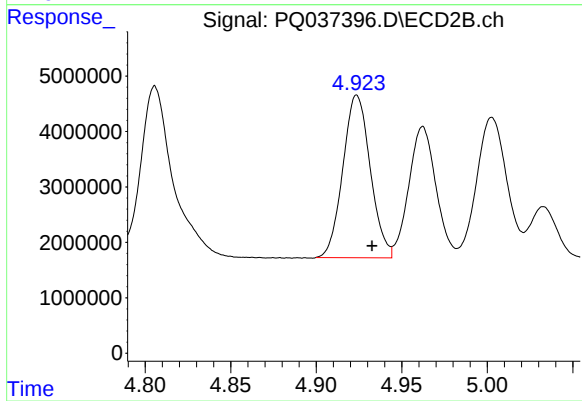
#17 AR-1242-2

R.T.: 4.748 min
Delta R.T.: -0.009 min
Response: 65039848
Conc: 676.25 ng/ml



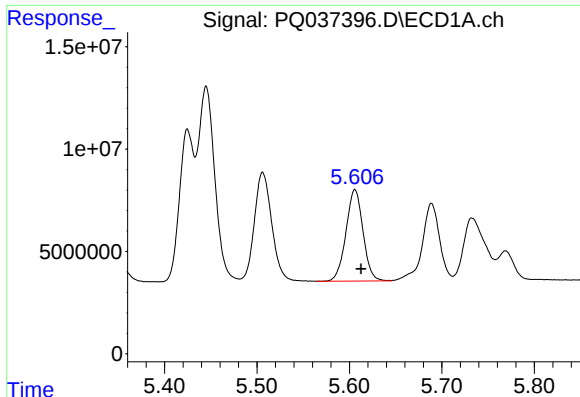
#18 AR-1242-3

R.T.: 5.506 min
Delta R.T.: -0.007 min
Response: 69889671
Conc: 647.98 ng/ml



#18 AR-1242-3

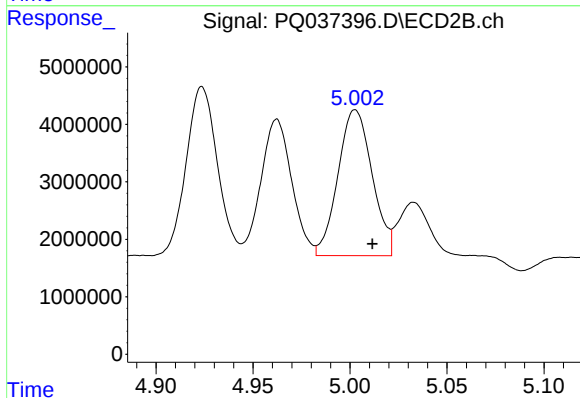
R.T.: 4.924 min
Delta R.T.: -0.009 min
Response: 32746801
Conc: 688.65 ng/ml



#19 AR-1242-4

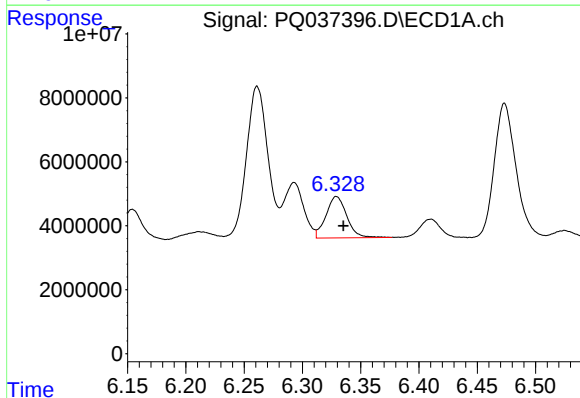
R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 57307190
Conc: 648.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



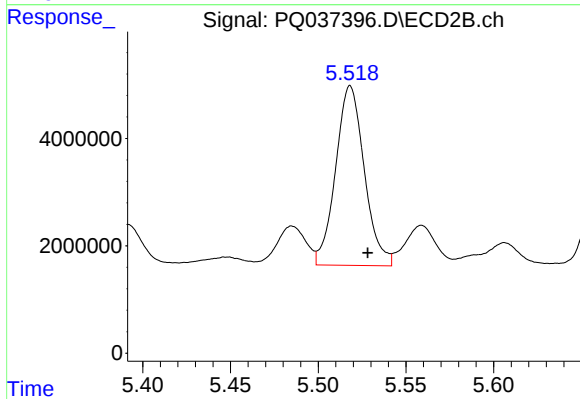
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 31162219
Conc: 690.67 ng/ml



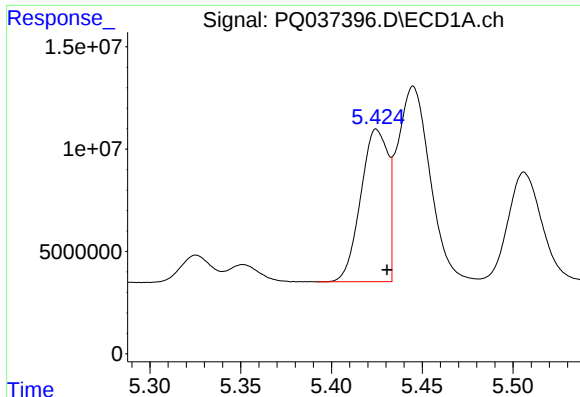
#20 AR-1242-5

R.T.: 6.329 min
Delta R.T.: -0.006 min
Response: 16112142
Conc: 161.79 ng/ml



#20 AR-1242-5

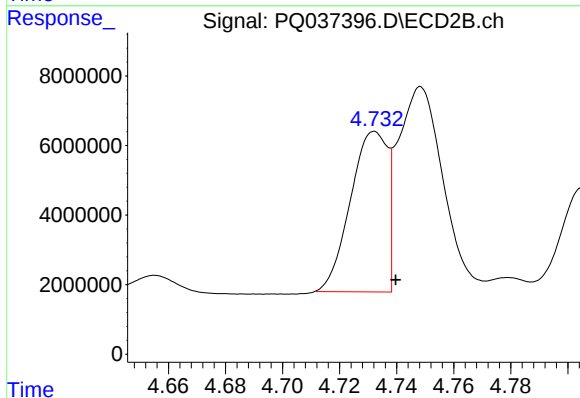
R.T.: 5.518 min
Delta R.T.: -0.010 min
Response: 38068754
Conc: 670.56 ng/ml



#21 AR-1248-1

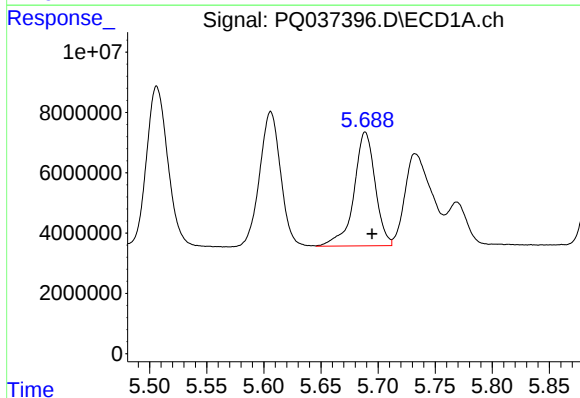
R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 77847834
Conc: 695.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



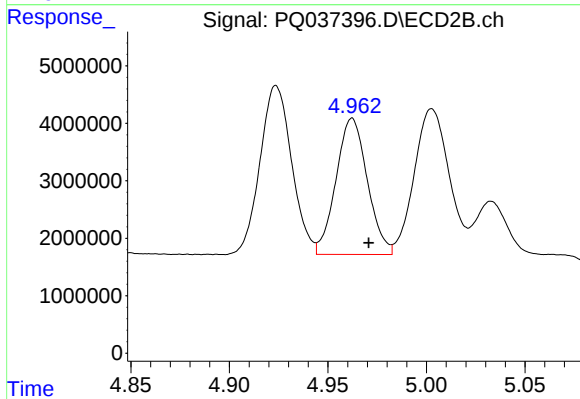
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 41346718
Conc: 694.83 ng/ml



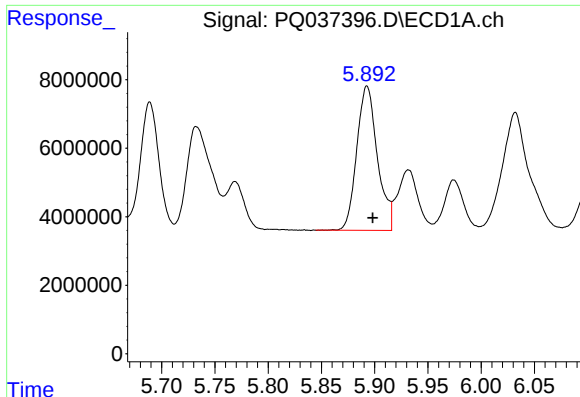
#22 AR-1248-2

R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 48805652
Conc: 309.75 ng/ml



#22 AR-1248-2

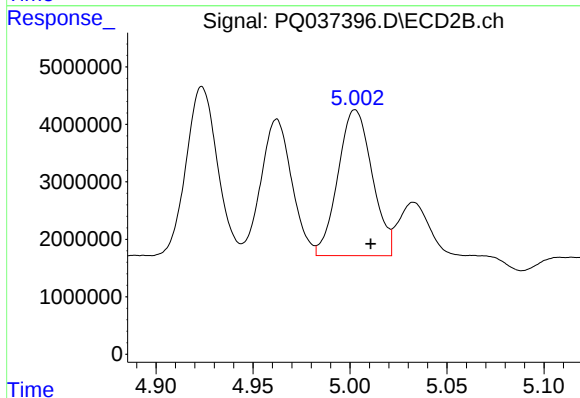
R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 26234334
Conc: 327.27 ng/ml



#23 AR-1248-3

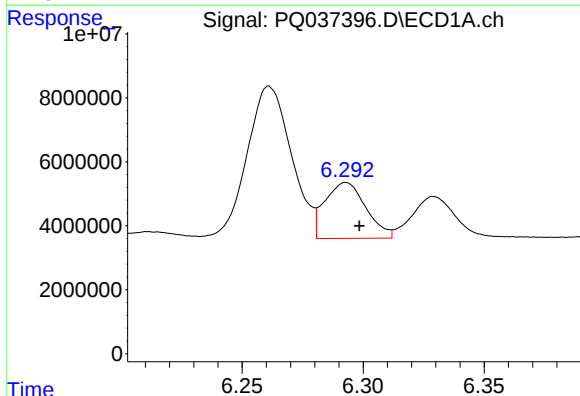
R.T.: 5.893 min
Delta R.T.: -0.005 min
Response: 56861872
Conc: 322.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



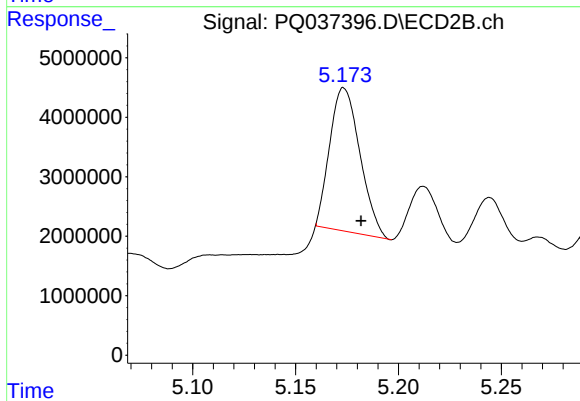
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: -0.008 min
Response: 31162219
Conc: 384.45 ng/ml



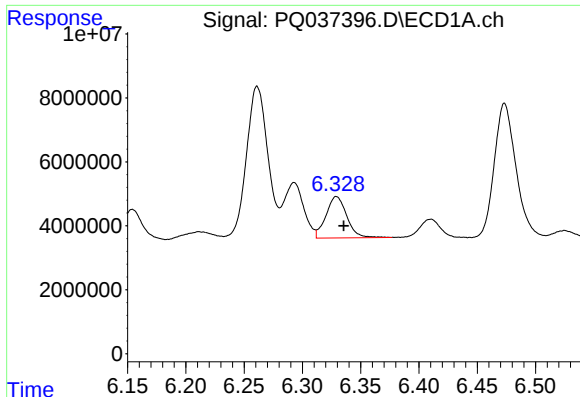
#24 AR-1248-4

R.T.: 6.293 min
Delta R.T.: -0.005 min
Response: 20602109
Conc: 101.14 ng/ml



#24 AR-1248-4

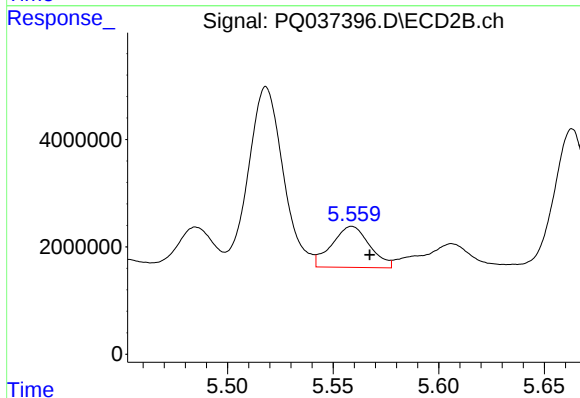
R.T.: 5.174 min
Delta R.T.: -0.008 min
Response: 24618694
Conc: 251.33 ng/ml



#25 AR-1248-5

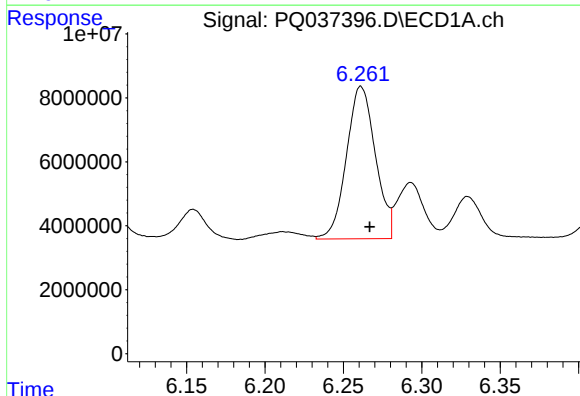
R.T.: 6.329 min
Delta R.T.: -0.006 min
Response: 16112142
Conc: 83.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



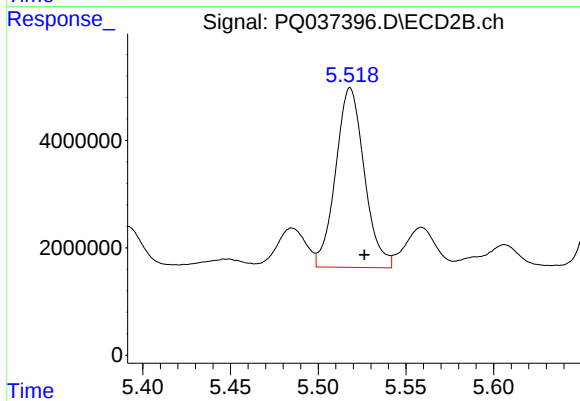
#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: -0.008 min
Response: 9519637
Conc: 98.71 ng/ml



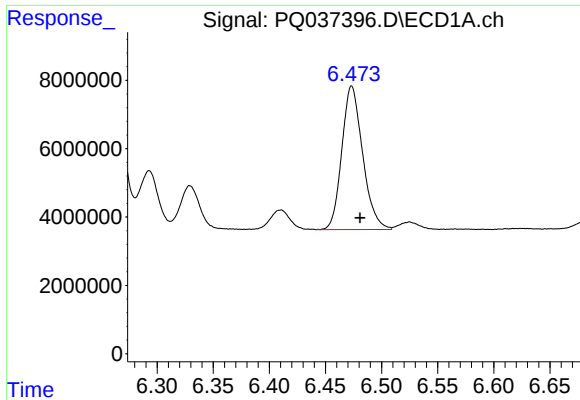
#26 AR-1254-1

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 61127543
Conc: 106.10 ng/ml



#26 AR-1254-1

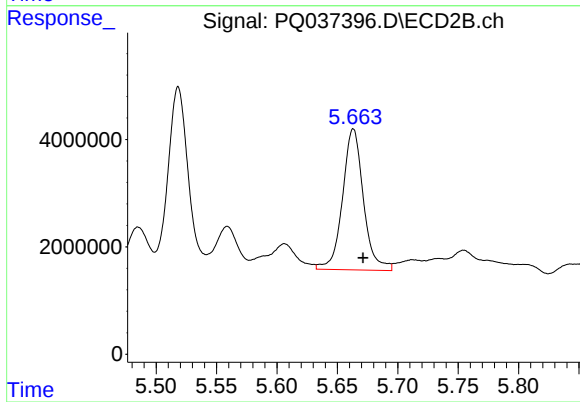
R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 38068754
Conc: 90.00 ng/ml



#27 AR-1254-2

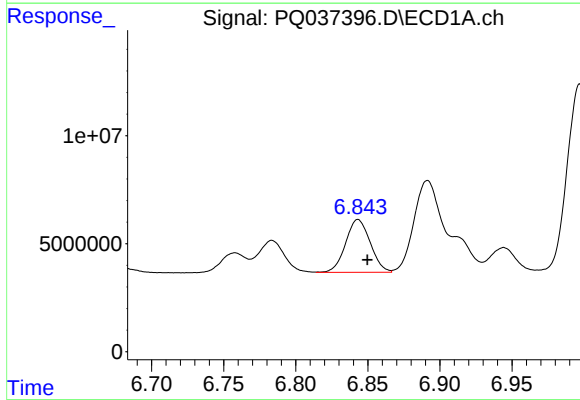
R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 54291471
Conc: 59.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



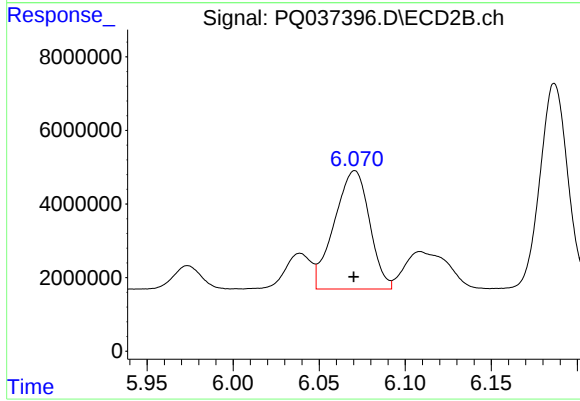
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 31673844
Conc: 88.61 ng/ml



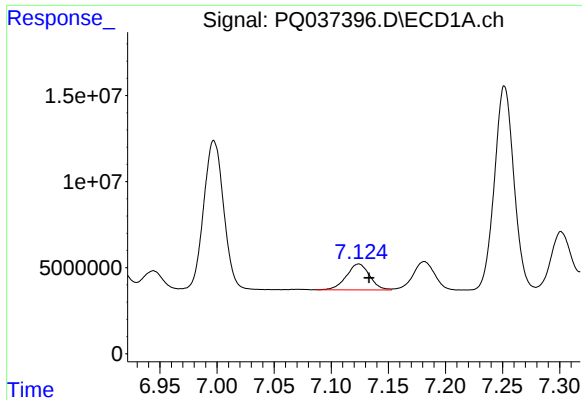
#28 AR-1254-3

R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 28906837
Conc: 29.47 ng/ml



#28 AR-1254-3

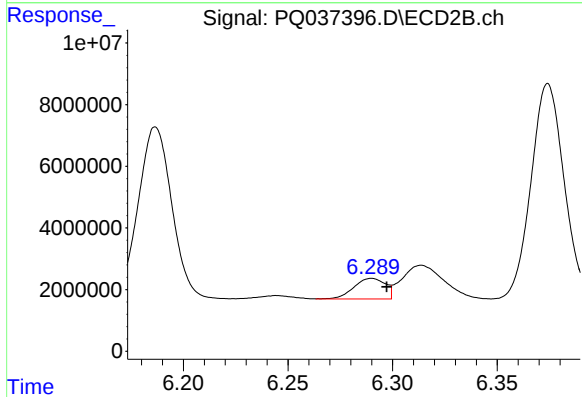
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 45793284
Conc: 77.65 ng/ml



#29 AR-1254-4

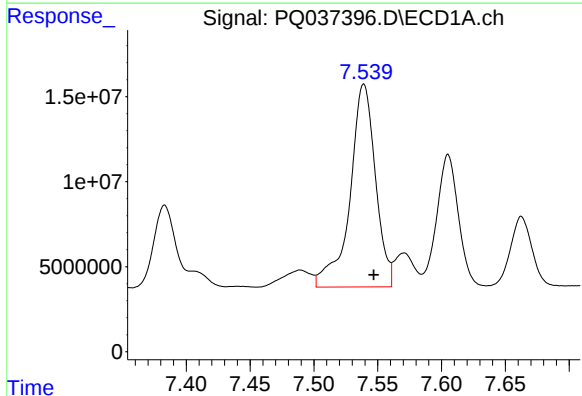
R.T.: 7.124 min
Delta R.T.: -0.009 min
Response: 21220828
Conc: 28.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



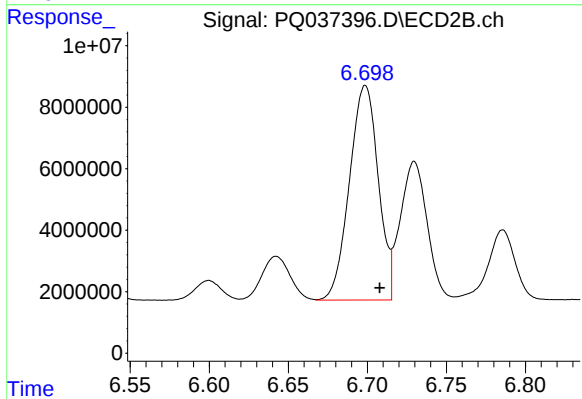
#29 AR-1254-4

R.T.: 6.290 min
Delta R.T.: -0.007 min
Response: 6982578
Conc: 16.64 ng/ml



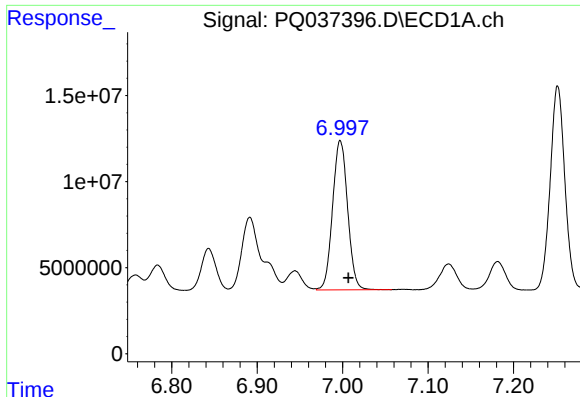
#30 AR-1254-5

R.T.: 7.539 min
Delta R.T.: -0.008 min
Response: 166030324
Conc: 218.61 ng/ml



#30 AR-1254-5

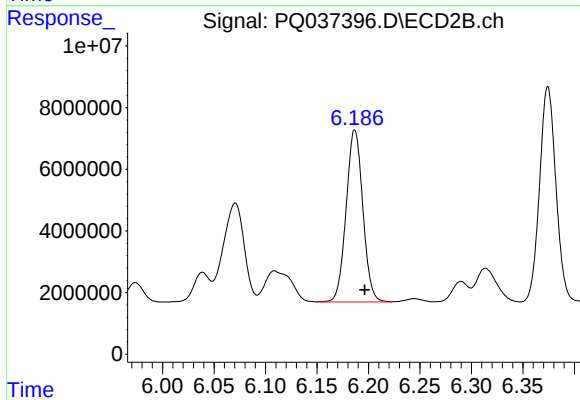
R.T.: 6.699 min
Delta R.T.: -0.009 min
Response: 88525227
Conc: 185.69 ng/ml



#31 AR-1260-1

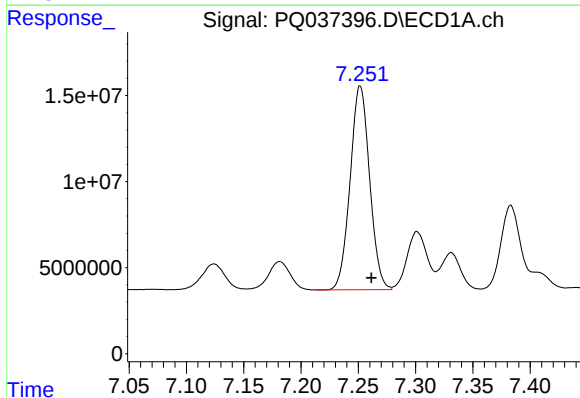
R.T.: 6.997 min
Delta R.T.: -0.010 min
Response: 106312591
Conc: 406.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



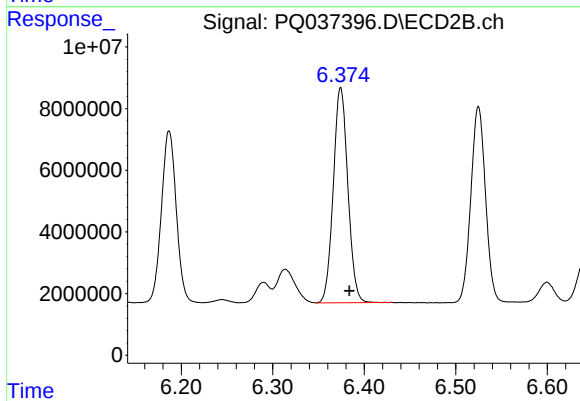
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 63132519
Conc: 448.39 ng/ml



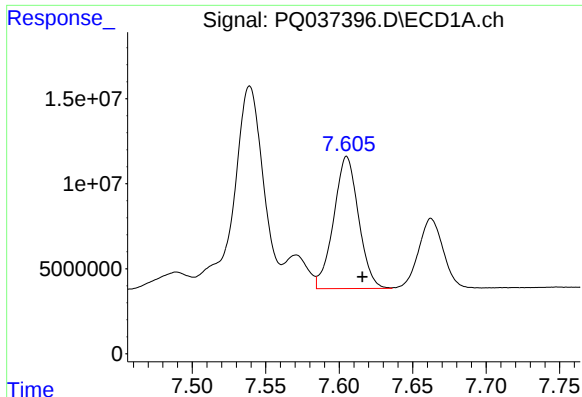
#32 AR-1260-2

R.T.: 7.252 min
Delta R.T.: -0.010 min
Response: 140085639
Conc: 421.17 ng/ml



#32 AR-1260-2

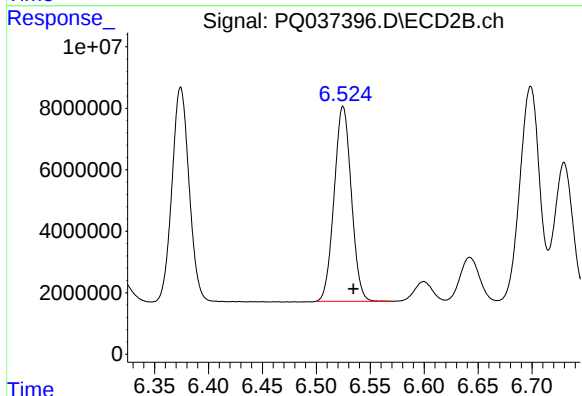
R.T.: 6.374 min
Delta R.T.: -0.010 min
Response: 77177662
Conc: 444.17 ng/ml



#33 AR-1260-3

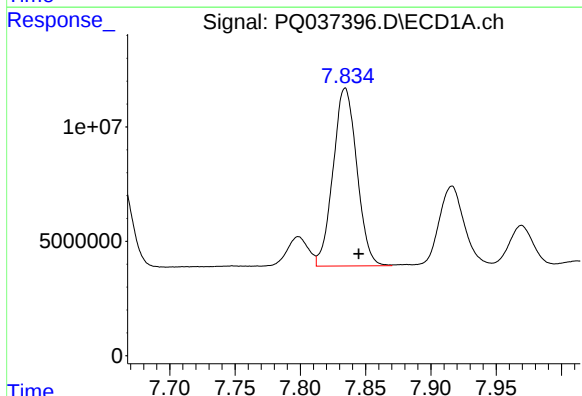
R.T.: 7.605 min
Delta R.T.: -0.011 min
Response: 91533956
Conc: 426.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



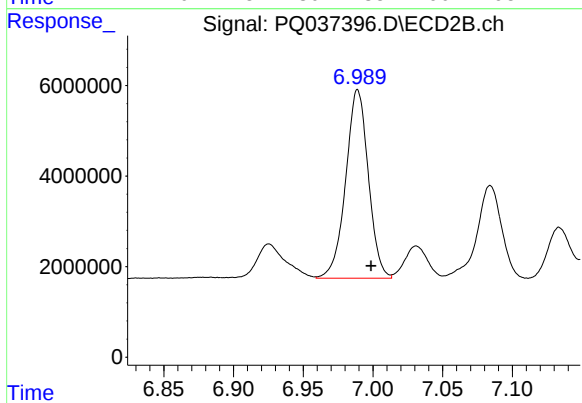
#33 AR-1260-3

R.T.: 6.525 min
Delta R.T.: -0.010 min
Response: 70311871
Conc: 439.89 ng/ml



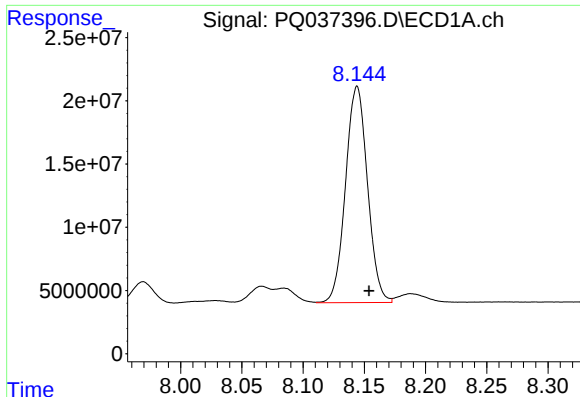
#34 AR-1260-4

R.T.: 7.834 min
Delta R.T.: -0.011 min
Response: 98421612
Conc: 410.72 ng/ml



#34 AR-1260-4

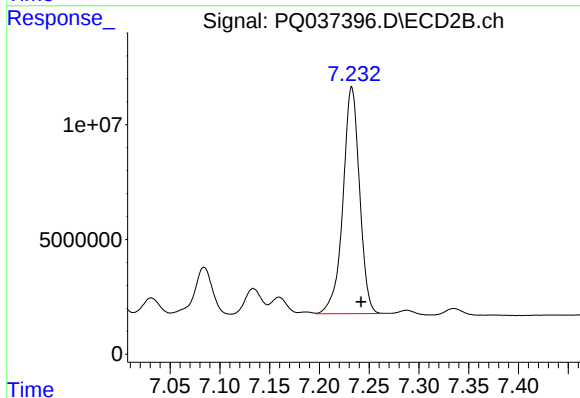
R.T.: 6.989 min
Delta R.T.: -0.010 min
Response: 46996261
Conc: 448.52 ng/ml



#35 AR-1260-5

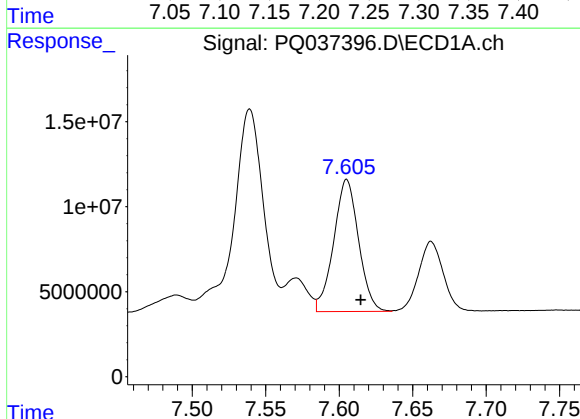
R.T.: 8.144 min
Delta R.T.: -0.010 min
Response: 213878991
Conc: 430.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



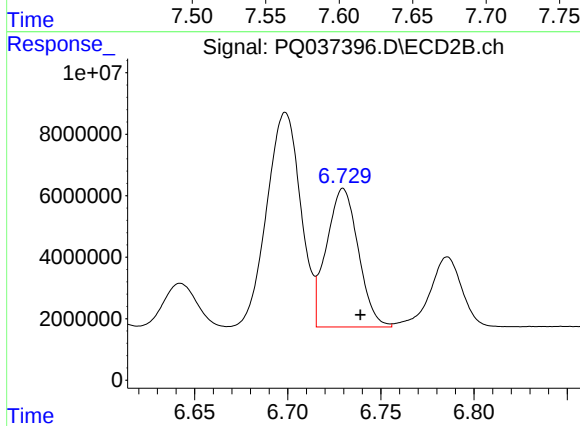
#35 AR-1260-5

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 114716605
Conc: 446.52 ng/ml



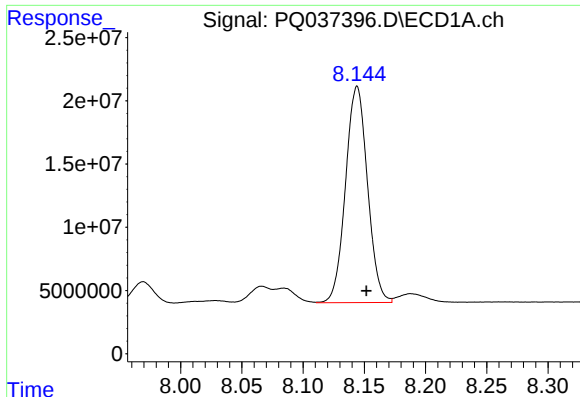
#36 AR-1262-1

R.T.: 7.605 min
Delta R.T.: -0.010 min
Response: 91533956
Conc: 212.30 ng/ml



#36 AR-1262-1

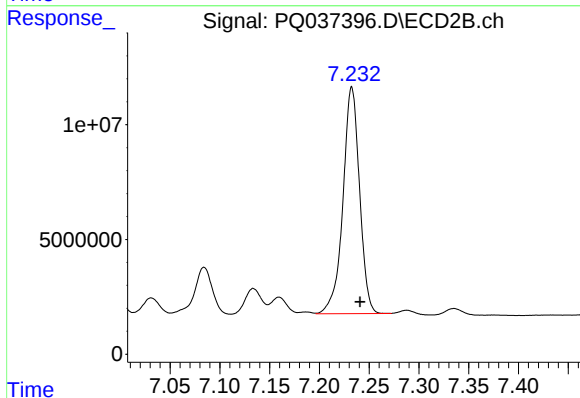
R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 53571251
Conc: 253.79 ng/ml



#37 AR-1262-2

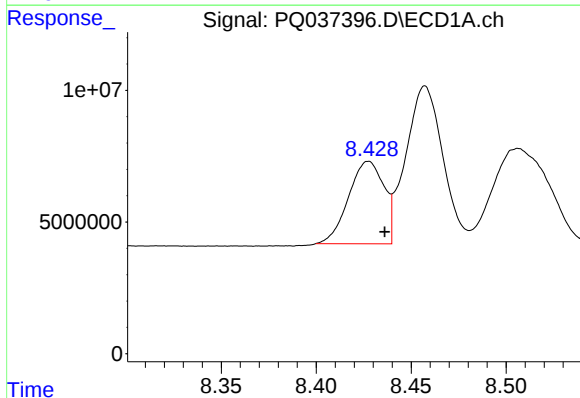
R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 213878991
Conc: 288.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



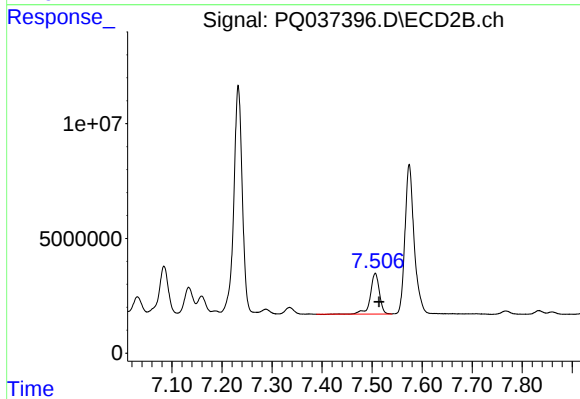
#37 AR-1262-2

R.T.: 7.233 min
Delta R.T.: -0.008 min
Response: 114716605
Conc: 315.90 ng/ml



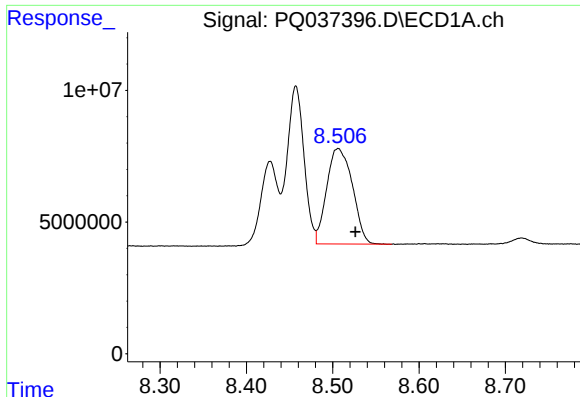
#38 AR-1262-3

R.T.: 8.428 min
Delta R.T.: -0.008 min
Response: 40623410
Conc: 130.26 ng/ml



#38 AR-1262-3

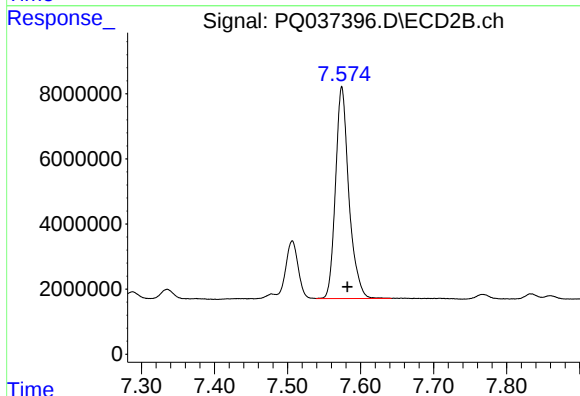
R.T.: 7.507 min
Delta R.T.: -0.008 min
Response: 22272498
Conc: 158.82 ng/ml



#39 AR-1262-4

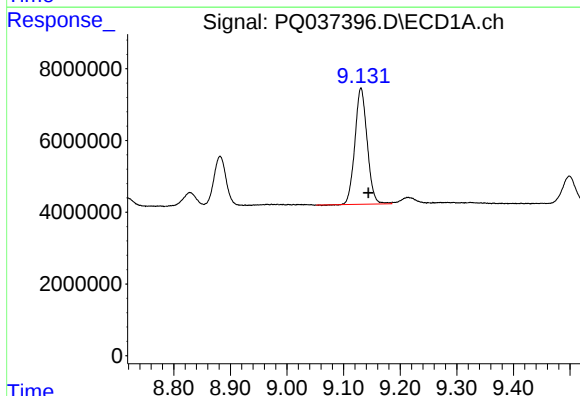
R.T.: 8.506 min
Delta R.T.: -0.020 min
Response: 75072768
Conc: 205.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



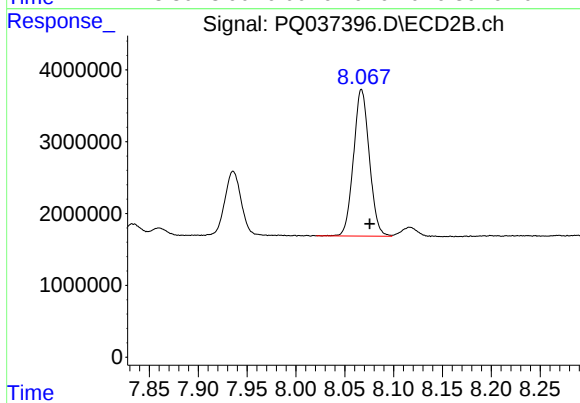
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: -0.008 min
Response: 82823578
Conc: 325.95 ng/ml



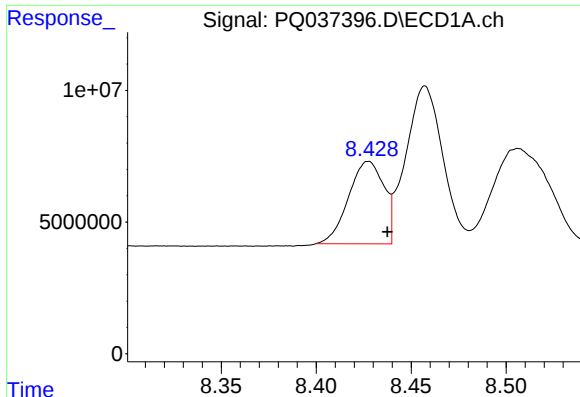
#40 AR-1262-5

R.T.: 9.131 min
Delta R.T.: -0.013 min
Response: 48825815
Conc: 215.52 ng/ml



#40 AR-1262-5

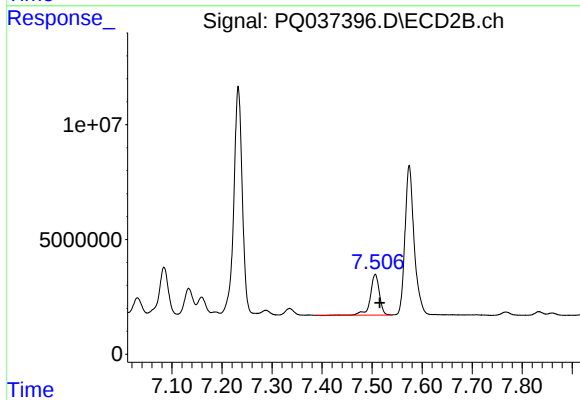
R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 22976777
Conc: 221.00 ng/ml



#41 AR-1268-1

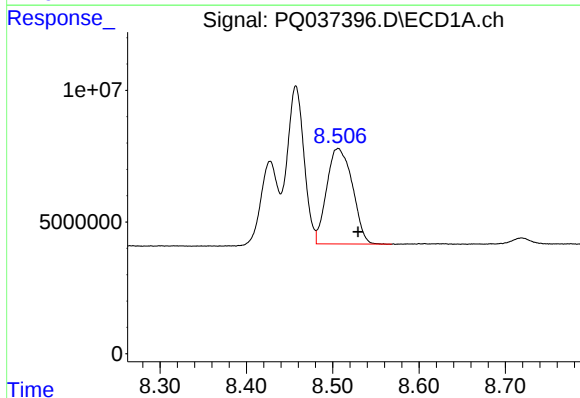
R.T.: 8.428 min
Delta R.T.: -0.010 min
Response: 40623410
Conc: 53.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



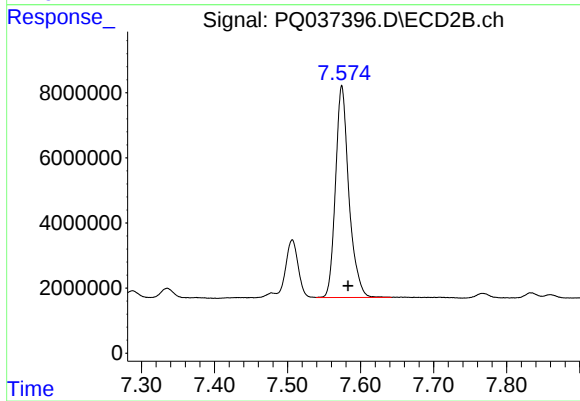
#41 AR-1268-1

R.T.: 7.507 min
Delta R.T.: -0.009 min
Response: 22272498
Conc: 62.07 ng/ml



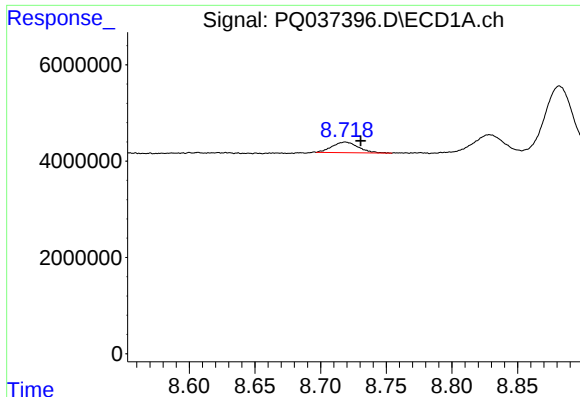
#42 AR-1268-2

R.T.: 8.506 min
Delta R.T.: -0.023 min
Response: 75072768
Conc: 106.97 ng/ml



#42 AR-1268-2

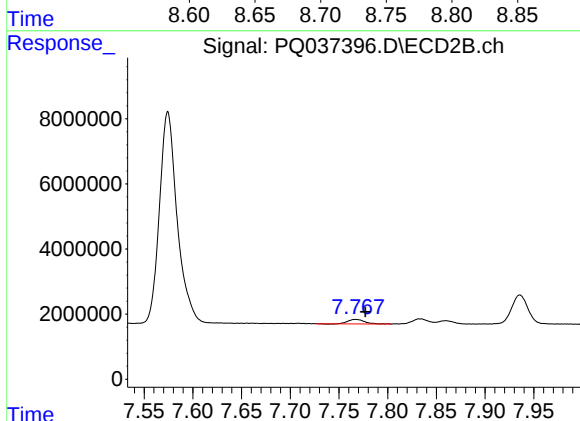
R.T.: 7.574 min
Delta R.T.: -0.008 min
Response: 82823578
Conc: 255.33 ng/ml



#43 AR-1268-3

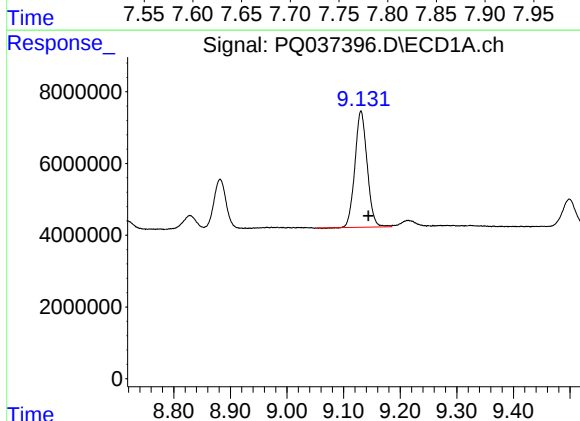
R.T.: 8.719 min
Delta R.T.: -0.012 min
Response: 3070907
Conc: 5.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



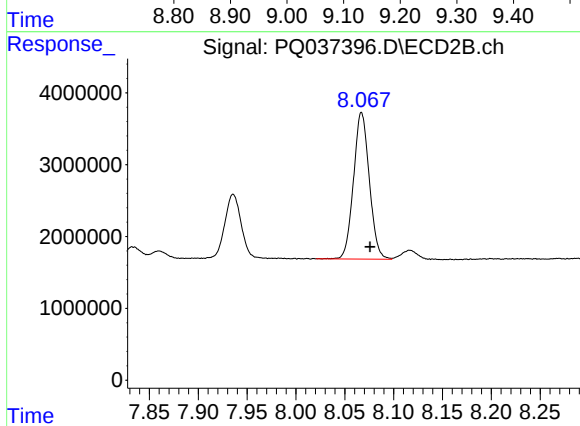
#43 AR-1268-3

R.T.: 7.767 min
Delta R.T.: -0.010 min
Response: 1610473
Conc: 6.08 ng/ml



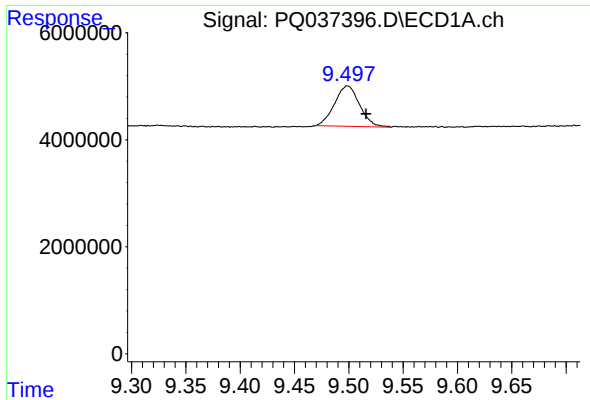
#44 AR-1268-4

R.T.: 9.131 min
Delta R.T.: -0.013 min
Response: 48825815
Conc: 214.57 ng/ml



#44 AR-1268-4

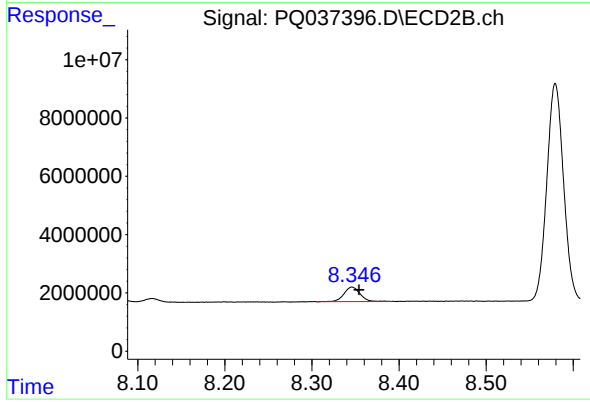
R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 22976777
Conc: 216.23 ng/ml



#45 AR-1268-5

R.T.: 9.499 min
Delta R.T.: -0.017 min
Response: 12072563
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.008 min
Response: 6413047
Conc: 7.75 ng/ml