

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041919\
 Data File : PQ039116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2019 14:34
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660328

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:44:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.711	4.795	75540220	43923718	15.766	19.281
2)	SA Decachlor...	12.118	10.565	221.3E6	118.2E6	33.465	34.719
Target Compounds							
3)	L1 AR-1016-1	7.184	6.273	137.3E6	56494401	507.897	378.950 #
4)	L1 AR-1016-2	7.184	6.310	137.3E6	1735505	339.433	8.002 #
5)	L1 AR-1016-3	7.255	6.487	86384544	44130560	337.531	391.326
6)	L1 AR-1016-4	7.369	6.590	69636522	43252318	333.266	500.403 #
7)	L1 AR-1016-5	7.703	6.841	68898863	18566265	320.033	143.792 #
8)	L2 AR-1221-1	5.986	5.102	7477326	2782557	128.990	95.750 #
9)	L2 AR-1221-2	6.101	5.221	9334803	5187707	232.409	249.015
10)	L2 AR-1221-3	6.197	5.325	43474331	25939175	307.929	353.282
11)	L3 AR-1232-1	6.197	5.325	43474331	25939175	448.314	503.294
12)	L3 AR-1232-2	6.842	6.310	66794436	1735505	1191.637	29.823 #
13)	L3 AR-1232-3	7.184	6.487	137.3E6	44130560	1288.595	1452.208
14)	L3 AR-1232-4	7.369	6.627	69636522	14025343	1258.279	502.034 #
15)	L3 AR-1232-5	7.473	6.841	58587796	18566265	1502.196	565.939 #
16)	L4 AR-1242-1	7.184	6.273	137.3E6	56494401	900.059	651.975 #
17)	L4 AR-1242-2	7.184	6.310	137.3E6	1735505	610.658	13.916 #
18)	L4 AR-1242-3	7.255	6.487	86384544	44130560	609.751	658.415
19)	L4 AR-1242-4	7.369	6.627	69636522	14025343	601.862	207.630 #
20)	L4 AR-1242-5	8.192	7.250	20619264	10956015	151.848	114.735
21)	L5 AR-1248-1	7.184	6.273	137.3E6	56494401	1302.969	936.872 #
22)	L5 AR-1248-2	7.473	6.542	58587796	33465653	391.312	395.496
23)	L5 AR-1248-3	7.703	6.627	68898863	14025343	376.949	157.925 #
24)	L5 AR-1248-4	8.150	6.841	24341691	18566265	119.789	161.935 #
25)	L5 AR-1248-5	8.192	7.287	20619264	1623918	101.603	14.105 #
26)	L6 AR-1254-1	8.150	7.203	24341691	50593089	112.810	275.334 #
27)	L6 AR-1254-2	8.357	7.371	59061788	36916623	174.337	228.076 #
28)	L6 AR-1254-3	8.752	7.835	29035759	72264178	78.124	255.767 #
29)	L6 AR-1254-4	9.054	8.099	18706367	22979382	73.354	138.489 #
30)	L6 AR-1254-5	9.492	8.553	251.5E6	108.4E6	843.818	440.211 #
31)	L7 AR-1260-1	8.924	7.960	155.6E6	111.4E6	325.347	367.830
32)	L7 AR-1260-2	9.194	8.164	186.2E6	136.6E6	327.808	368.686
33)	L7 AR-1260-3	9.570	8.329	143.4E6	126.5E6	329.205	360.827
34)	L7 AR-1260-4	9.814	8.870	169.6E6	7713673	330.497	26.712 #
35)	L7 AR-1260-5	10.161	9.079	343.9E6	252.8E6	331.194	356.467
36)	L8 AR-1262-1	9.570	8.553	143.4E6	108.4E6	386.105	414.171
37)	L8 AR-1262-2	10.161	9.079	343.9E6	252.8E6	520.141	529.047
38)	L8 AR-1262-3	10.518	9.372	210.8E6	46530285	466.484	239.653 #
39)	L8 AR-1262-4	10.576	9.439	130.5E6	177.8E6	363.913	482.633 #
40)	L8 AR-1262-5	11.307	9.967	93572756	57003901	376.073	377.372
41)	L9 AR-1268-1	10.518	9.372	210.8E6	46530285	141.106	46.095 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041919\
 Data File : PQ039116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2019 14:34
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

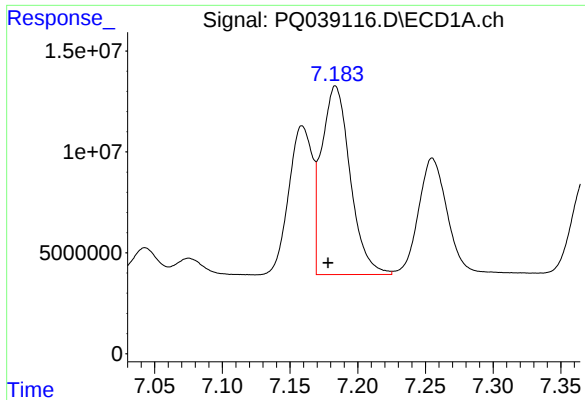
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660328

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:44:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
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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	10.576	9.439	130.5E6	177.8E6	94.488	190.580 #
43) L9	AR-1268-3	10.842	9.654	4349878	2116677	3.550	2.677
44) L9	AR-1268-4	11.307	9.967	93572756	57003901	186.539	183.373
45) L9	AR-1268-5	11.755	10.285	27670560	14024621	6.557	5.632

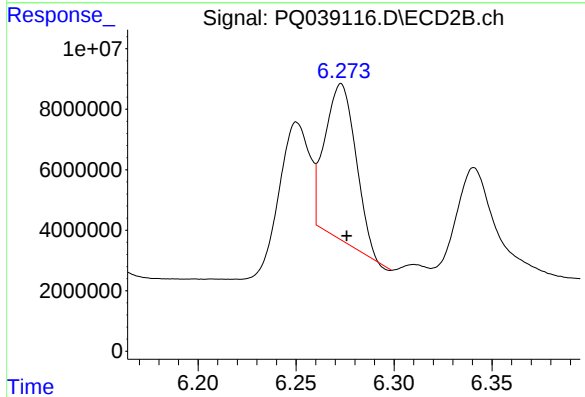
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

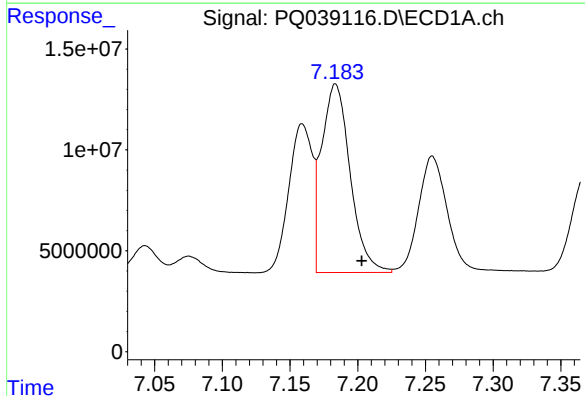
R.T.: 7.184 min
Delta R.T.: 0.006 min
Response: 137345458
Conc: 507.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



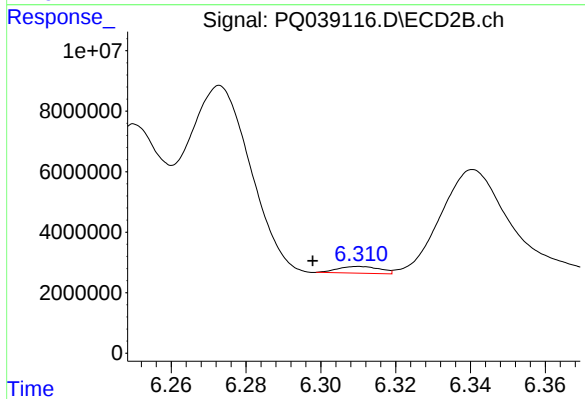
#3 AR-1016-1

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 56494401
Conc: 378.95 ng/ml



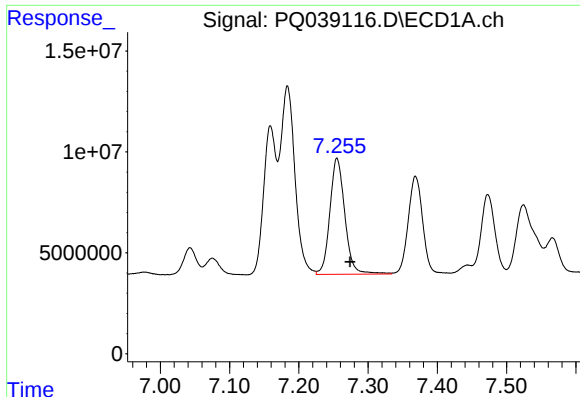
#4 AR-1016-2

R.T.: 7.184 min
Delta R.T.: -0.019 min
Response: 137345458
Conc: 339.43 ng/ml



#4 AR-1016-2

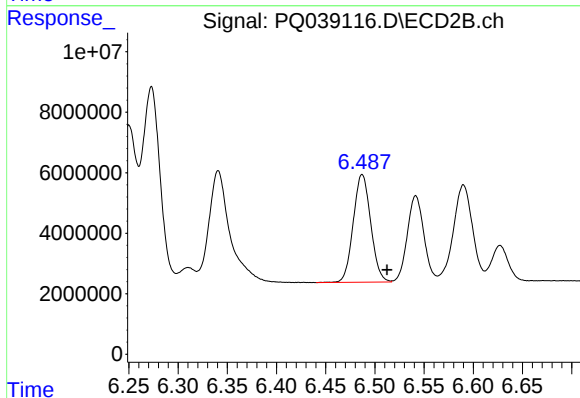
R.T.: 6.310 min
Delta R.T.: 0.012 min
Response: 1735505
Conc: 8.00 ng/ml



#5 AR-1016-3

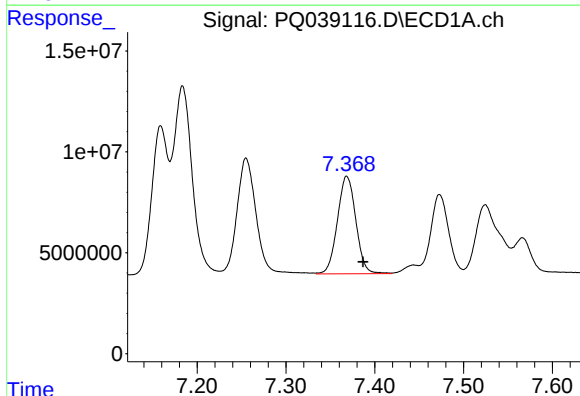
R.T.: 7.255 min
Delta R.T.: -0.019 min
Response: 86384544
Conc: 337.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



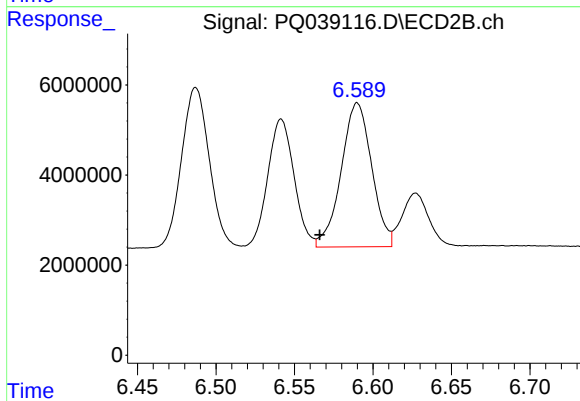
#5 AR-1016-3

R.T.: 6.487 min
Delta R.T.: -0.025 min
Response: 44130560
Conc: 391.33 ng/ml



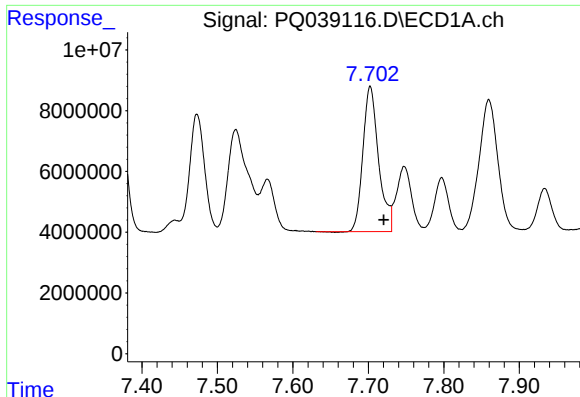
#6 AR-1016-4

R.T.: 7.369 min
Delta R.T.: -0.018 min
Response: 69636522
Conc: 333.27 ng/ml



#6 AR-1016-4

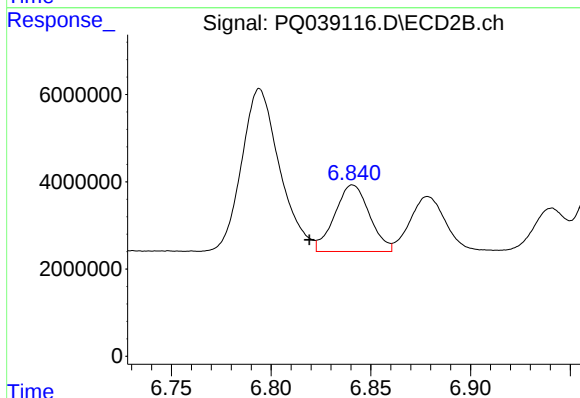
R.T.: 6.590 min
Delta R.T.: 0.024 min
Response: 43252318
Conc: 500.40 ng/ml



#7 AR-1016-5

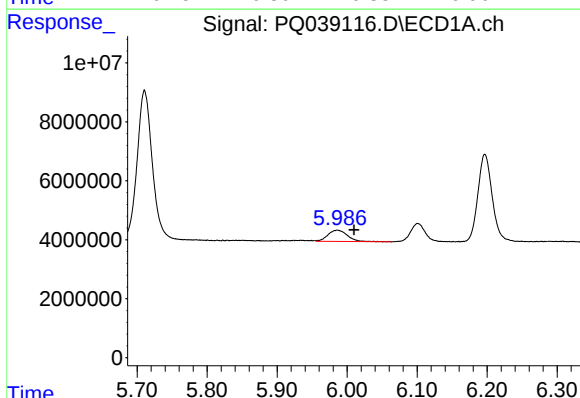
R.T.: 7.703 min
Delta R.T.: -0.018 min
Response: 68898863
Conc: 320.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



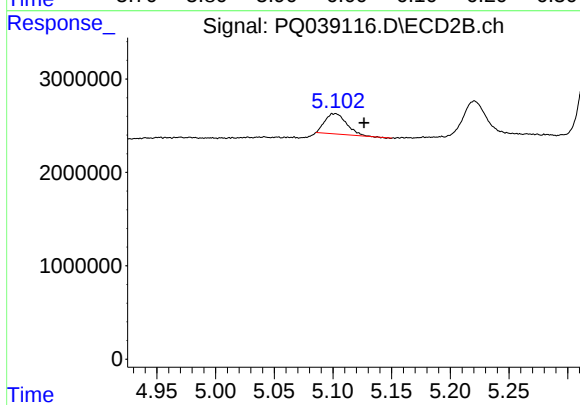
#7 AR-1016-5

R.T.: 6.841 min
Delta R.T.: 0.022 min
Response: 18566265
Conc: 143.79 ng/ml



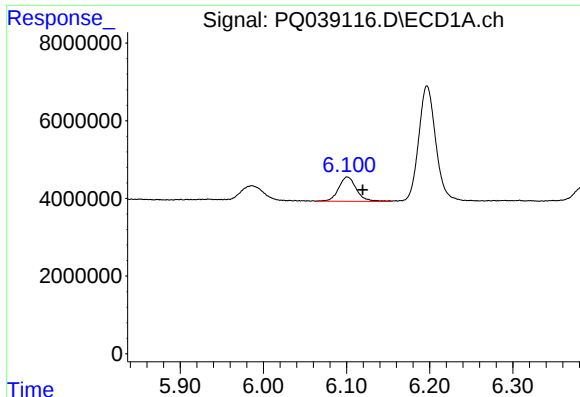
#8 AR-1221-1

R.T.: 5.986 min
Delta R.T.: -0.024 min
Response: 7477326
Conc: 128.99 ng/ml



#8 AR-1221-1

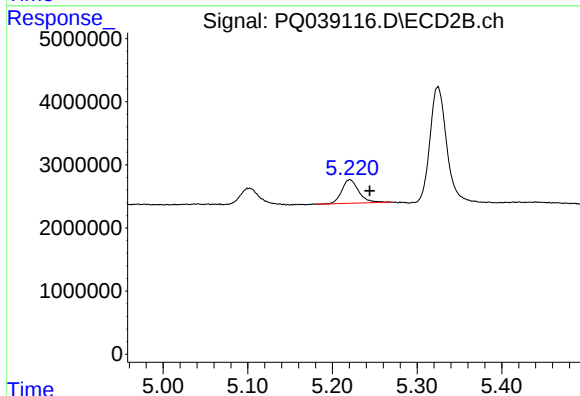
R.T.: 5.102 min
Delta R.T.: -0.025 min
Response: 2782557
Conc: 95.75 ng/ml



#9 AR-1221-2

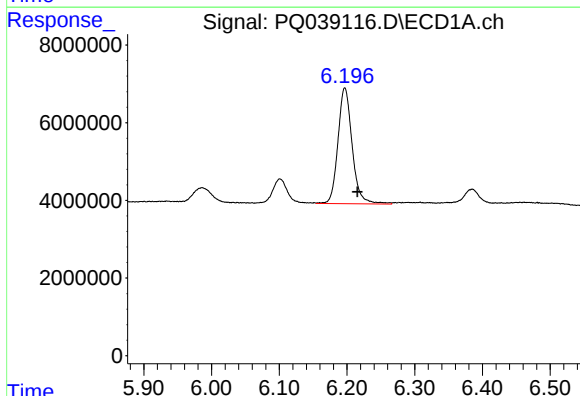
R.T.: 6.101 min
Delta R.T.: -0.019 min
Response: 9334803
Conc: 232.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



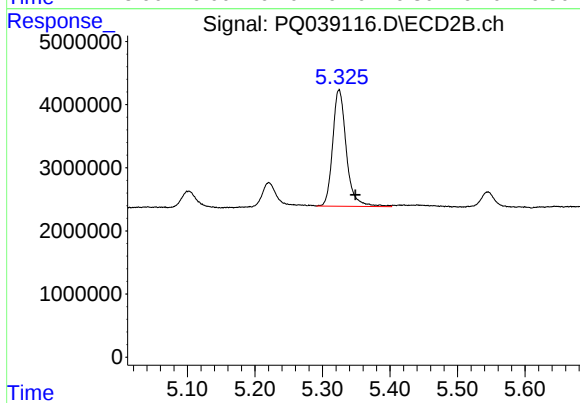
#9 AR-1221-2

R.T.: 5.221 min
Delta R.T.: -0.024 min
Response: 5187707
Conc: 249.01 ng/ml



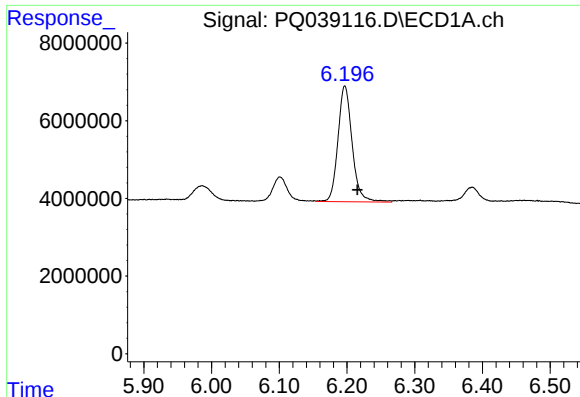
#10 AR-1221-3

R.T.: 6.197 min
Delta R.T.: -0.019 min
Response: 43474331
Conc: 307.93 ng/ml



#10 AR-1221-3

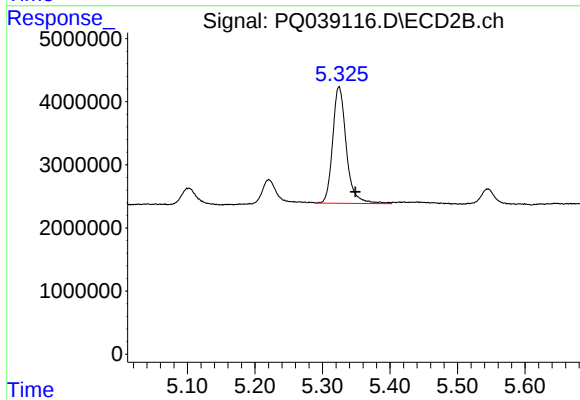
R.T.: 5.325 min
Delta R.T.: -0.024 min
Response: 25939175
Conc: 353.28 ng/ml



#11 AR-1232-1

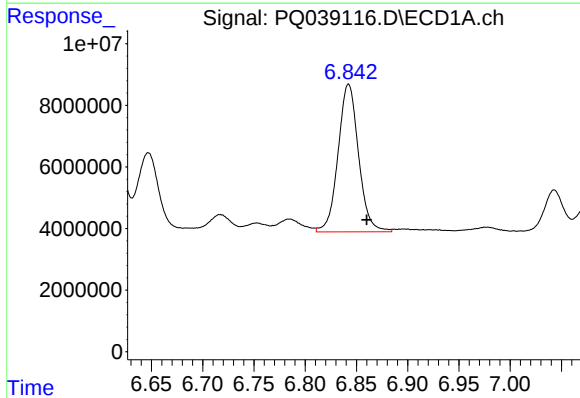
R.T.: 6.197 min
Delta R.T.: -0.018 min
Response: 43474331
Conc: 448.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



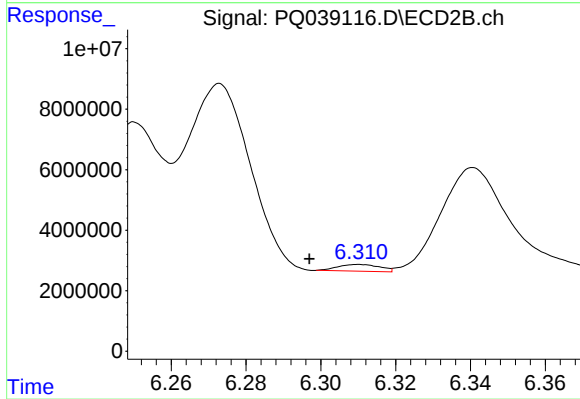
#11 AR-1232-1

R.T.: 5.325 min
Delta R.T.: -0.024 min
Response: 25939175
Conc: 503.29 ng/ml



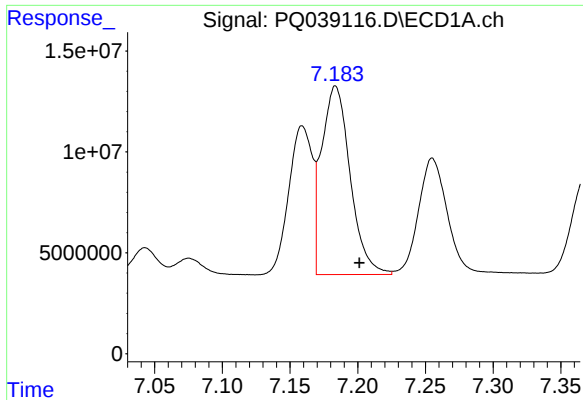
#12 AR-1232-2

R.T.: 6.842 min
Delta R.T.: -0.018 min
Response: 66794436
Conc: 1191.64 ng/ml



#12 AR-1232-2

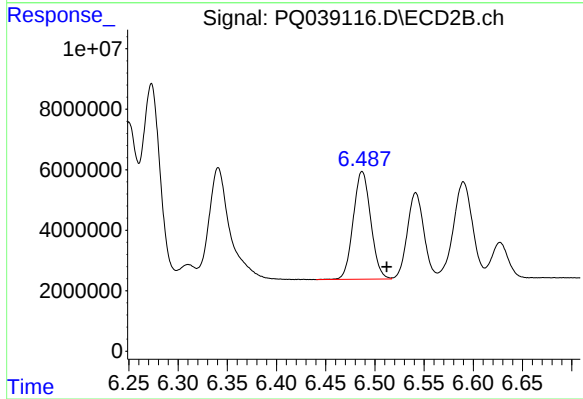
R.T.: 6.310 min
Delta R.T.: 0.013 min
Response: 1735505
Conc: 29.82 ng/ml



#13 AR-1232-3

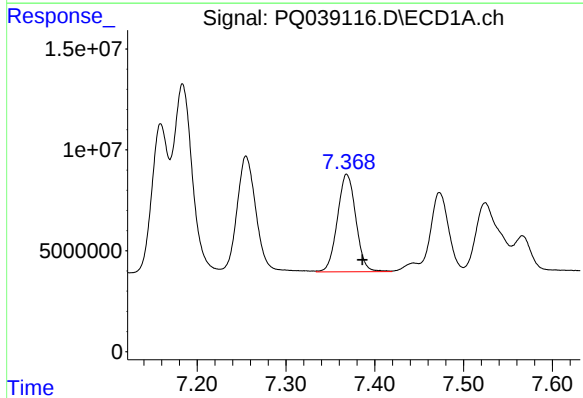
R.T.: 7.184 min
Delta R.T.: -0.018 min
Response: 137345458
Conc: 1288.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



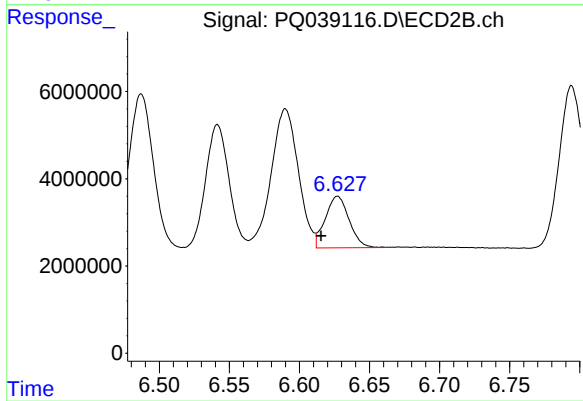
#13 AR-1232-3

R.T.: 6.487 min
Delta R.T.: -0.025 min
Response: 44130560
Conc: 1452.21 ng/ml



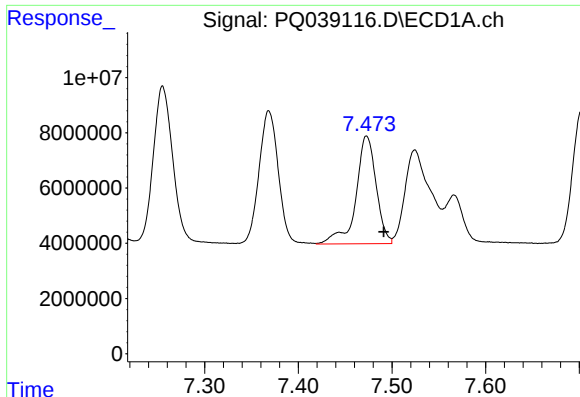
#14 AR-1232-4

R.T.: 7.369 min
Delta R.T.: -0.017 min
Response: 69636522
Conc: 1258.28 ng/ml



#14 AR-1232-4

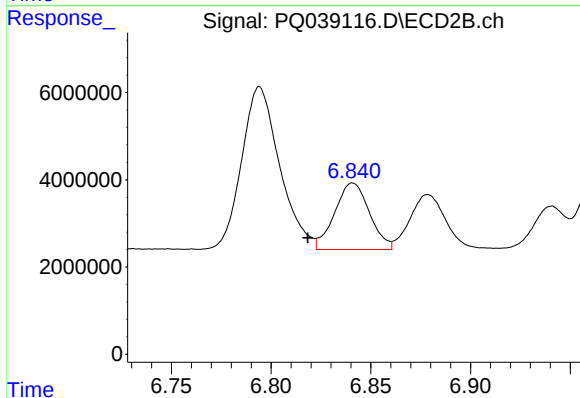
R.T.: 6.627 min
Delta R.T.: 0.012 min
Response: 14025343
Conc: 502.03 ng/ml



#15 AR-1232-5

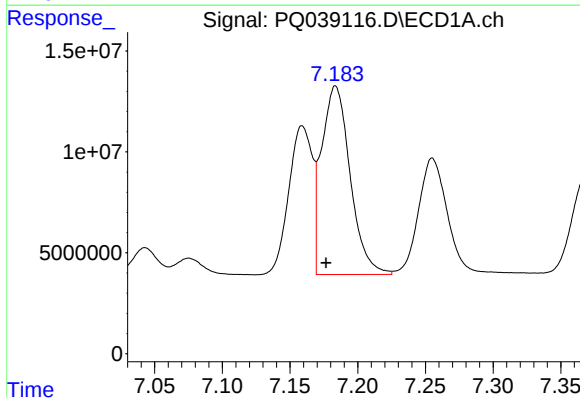
R.T.: 7.473 min
Delta R.T.: -0.018 min
Response: 58587796
Conc: 1502.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



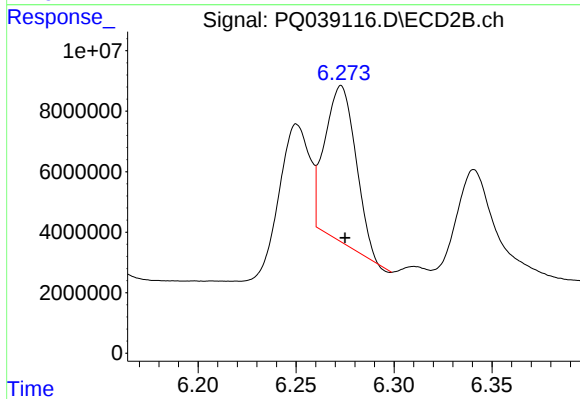
#15 AR-1232-5

R.T.: 6.841 min
Delta R.T.: 0.023 min
Response: 18566265
Conc: 565.94 ng/ml



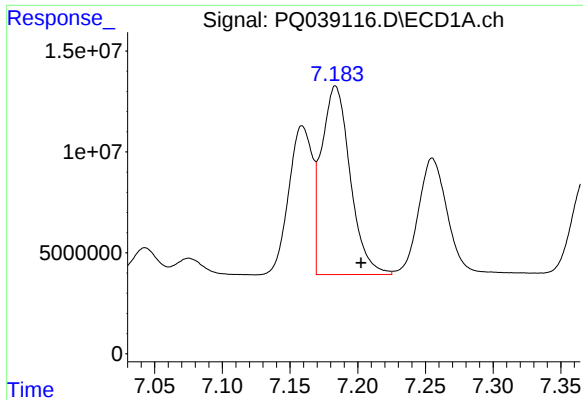
#16 AR-1242-1

R.T.: 7.184 min
Delta R.T.: 0.007 min
Response: 137345458
Conc: 900.06 ng/ml



#16 AR-1242-1

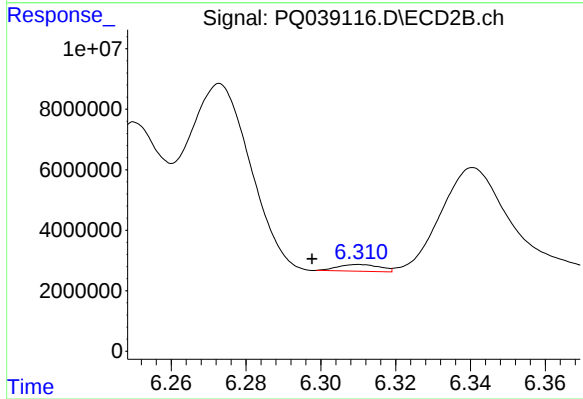
R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 56494401
Conc: 651.98 ng/ml



#17 AR-1242-2

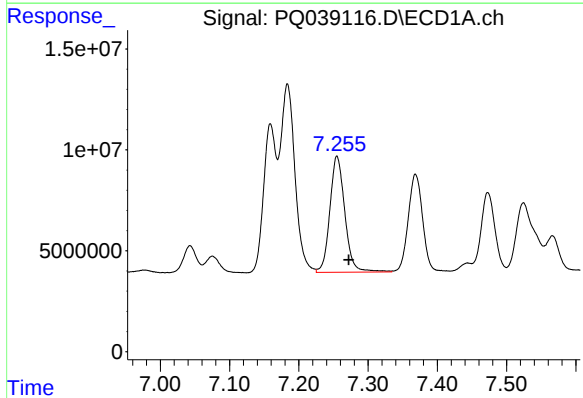
R.T.: 7.184 min
Delta R.T.: -0.019 min
Response: 137345458
Conc: 610.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



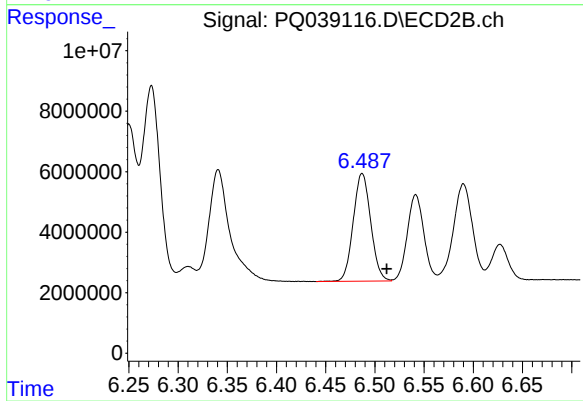
#17 AR-1242-2

R.T.: 6.310 min
Delta R.T.: 0.013 min
Response: 1735505
Conc: 13.92 ng/ml



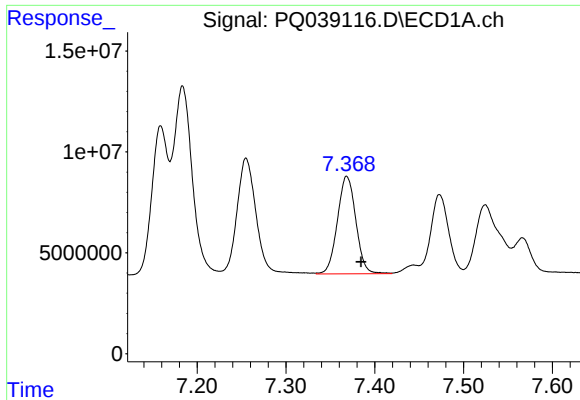
#18 AR-1242-3

R.T.: 7.255 min
Delta R.T.: -0.017 min
Response: 86384544
Conc: 609.75 ng/ml



#18 AR-1242-3

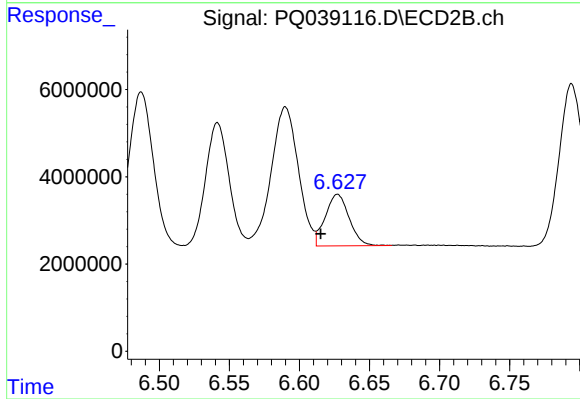
R.T.: 6.487 min
Delta R.T.: -0.025 min
Response: 44130560
Conc: 658.42 ng/ml



#19 AR-1242-4

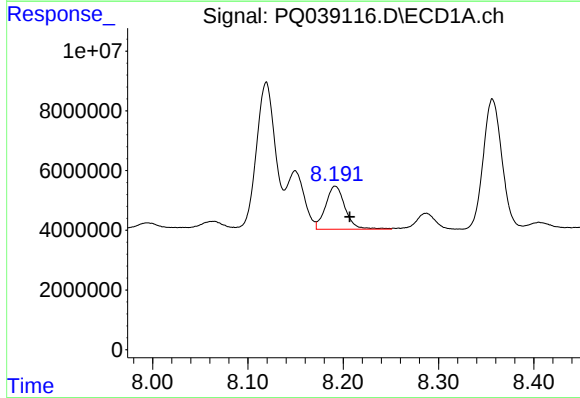
R.T.: 7.369 min
Delta R.T.: -0.016 min
Response: 69636522
Conc: 601.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



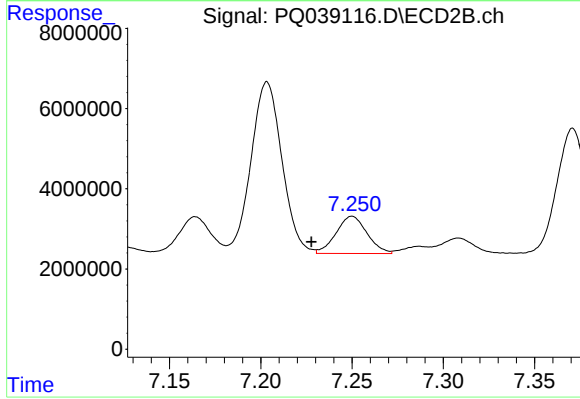
#19 AR-1242-4

R.T.: 6.627 min
Delta R.T.: 0.012 min
Response: 14025343
Conc: 207.63 ng/ml



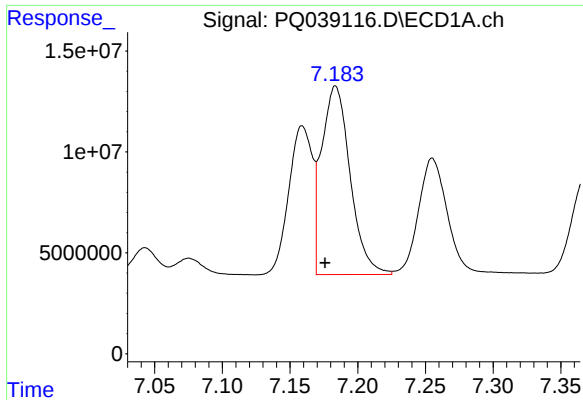
#20 AR-1242-5

R.T.: 8.192 min
Delta R.T.: -0.015 min
Response: 20619264
Conc: 151.85 ng/ml



#20 AR-1242-5

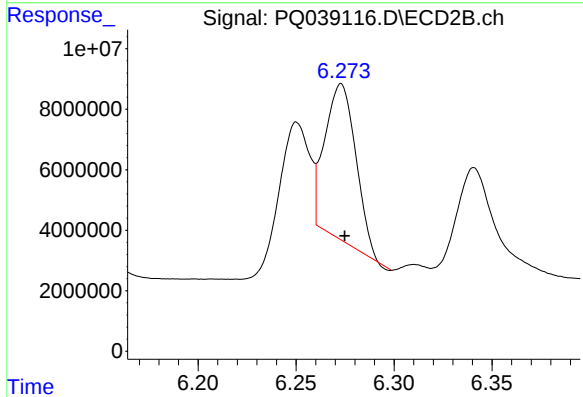
R.T.: 7.250 min
Delta R.T.: 0.022 min
Response: 10956015
Conc: 114.74 ng/ml



#21 AR-1248-1

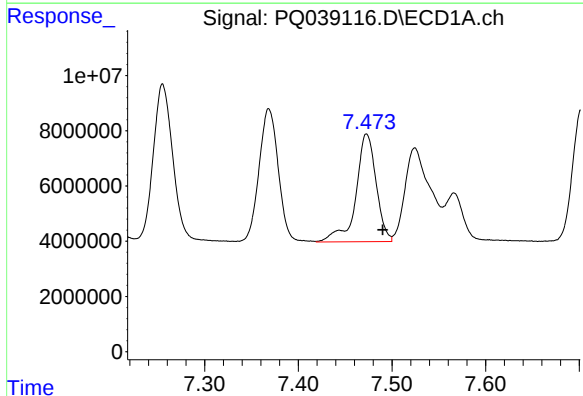
R.T.: 7.184 min
Delta R.T.: 0.008 min
Response: 137345458
Conc: 1302.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



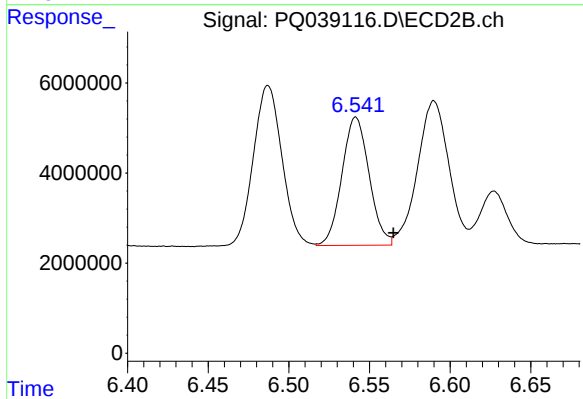
#21 AR-1248-1

R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 56494401
Conc: 936.87 ng/ml



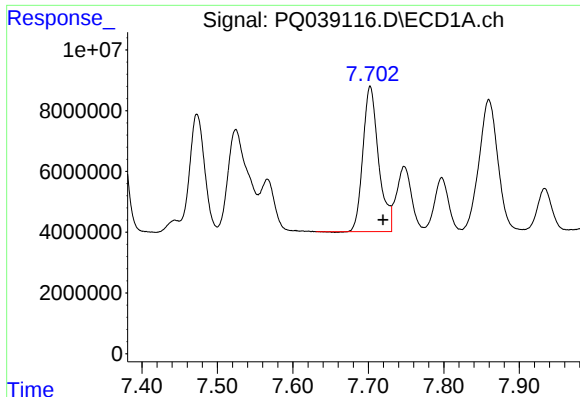
#22 AR-1248-2

R.T.: 7.473 min
Delta R.T.: -0.017 min
Response: 58587796
Conc: 391.31 ng/ml



#22 AR-1248-2

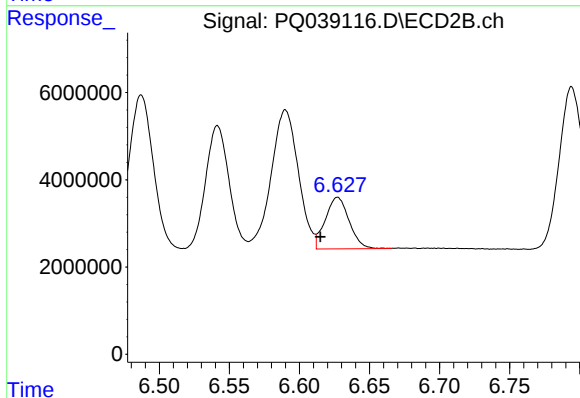
R.T.: 6.542 min
Delta R.T.: -0.023 min
Response: 33465653
Conc: 395.50 ng/ml



#23 AR-1248-3

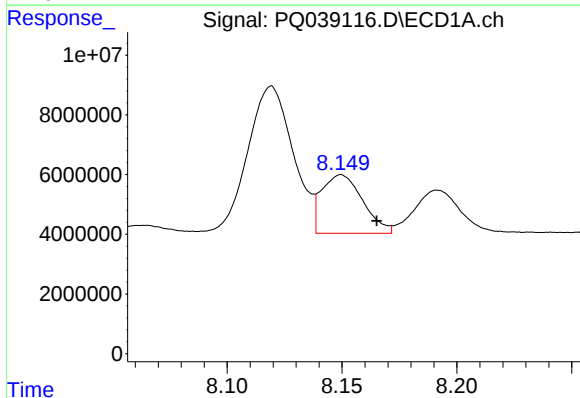
R.T.: 7.703 min
Delta R.T.: -0.017 min
Response: 68898863
Conc: 376.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



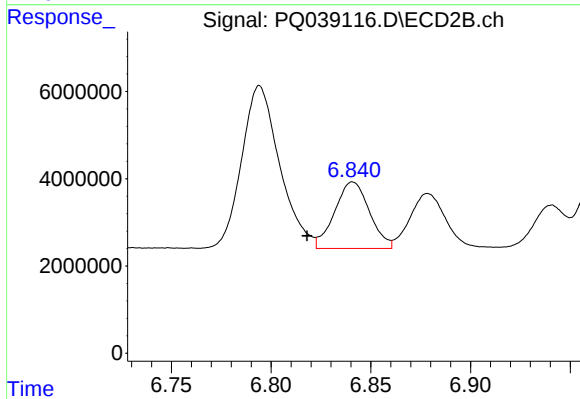
#23 AR-1248-3

R.T.: 6.627 min
Delta R.T.: 0.012 min
Response: 14025343
Conc: 157.93 ng/ml



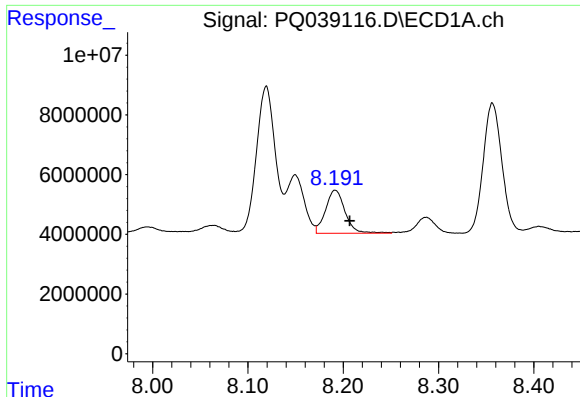
#24 AR-1248-4

R.T.: 8.150 min
Delta R.T.: -0.016 min
Response: 24341691
Conc: 119.79 ng/ml



#24 AR-1248-4

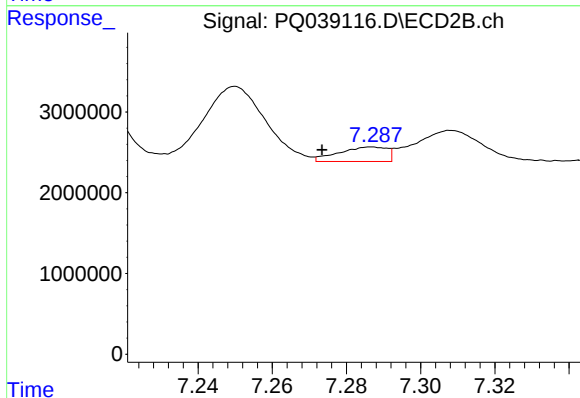
R.T.: 6.841 min
Delta R.T.: 0.023 min
Response: 18566265
Conc: 161.93 ng/ml



#25 AR-1248-5

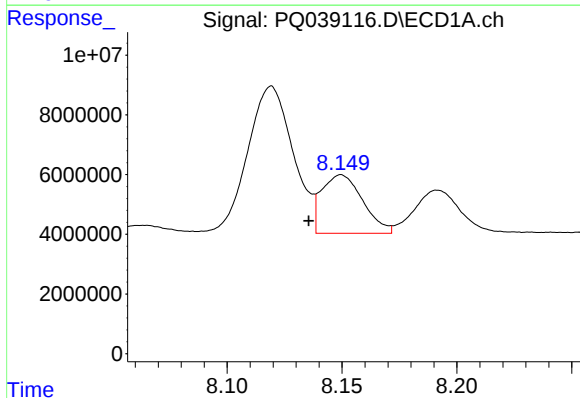
R.T.: 8.192 min
Delta R.T.: -0.015 min
Response: 20619264
Conc: 101.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



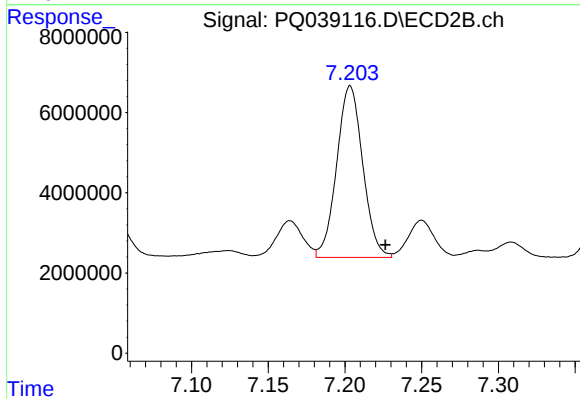
#25 AR-1248-5

R.T.: 7.287 min
Delta R.T.: 0.013 min
Response: 1623918
Conc: 14.10 ng/ml



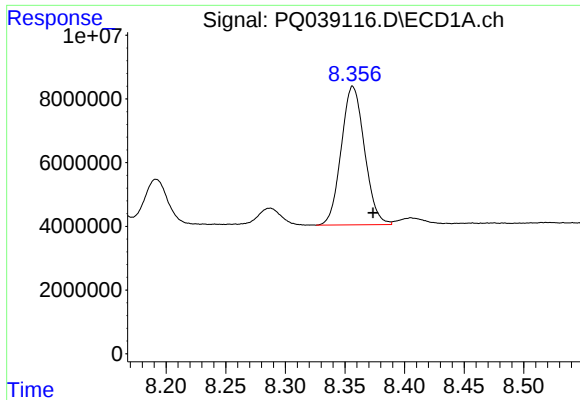
#26 AR-1254-1

R.T.: 8.150 min
Delta R.T.: 0.014 min
Response: 24341691
Conc: 112.81 ng/ml



#26 AR-1254-1

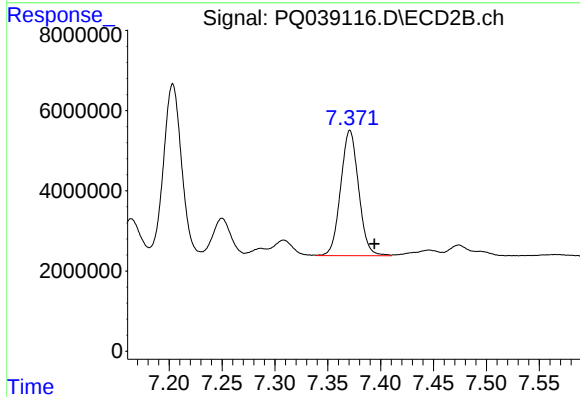
R.T.: 7.203 min
Delta R.T.: -0.023 min
Response: 50593089
Conc: 275.33 ng/ml



#27 AR-1254-2

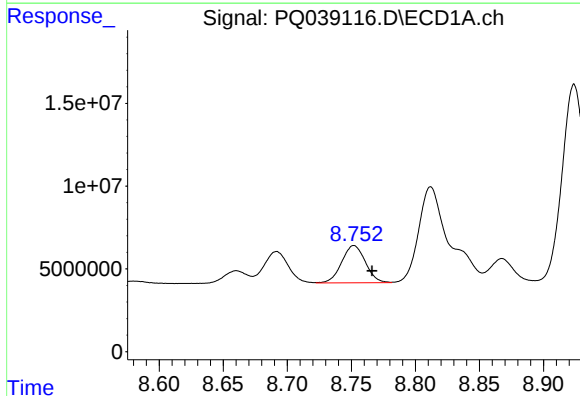
R.T.: 8.357 min
Delta R.T.: -0.017 min
Response: 59061788
Conc: 174.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



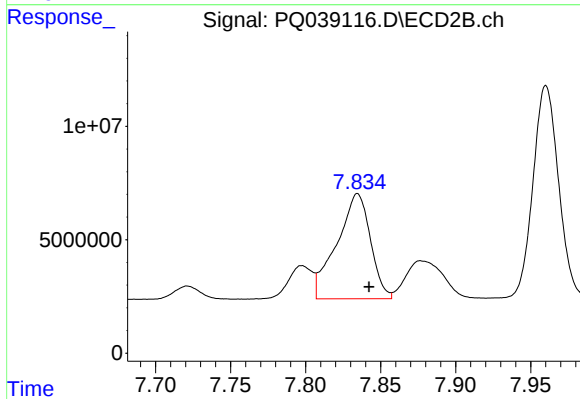
#27 AR-1254-2

R.T.: 7.371 min
Delta R.T.: -0.023 min
Response: 36916623
Conc: 228.08 ng/ml



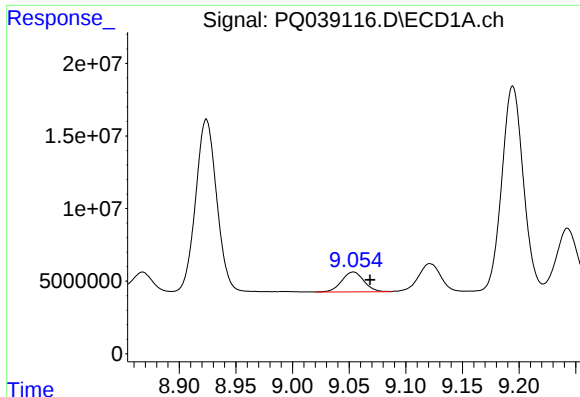
#28 AR-1254-3

R.T.: 8.752 min
Delta R.T.: -0.014 min
Response: 29035759
Conc: 78.12 ng/ml



#28 AR-1254-3

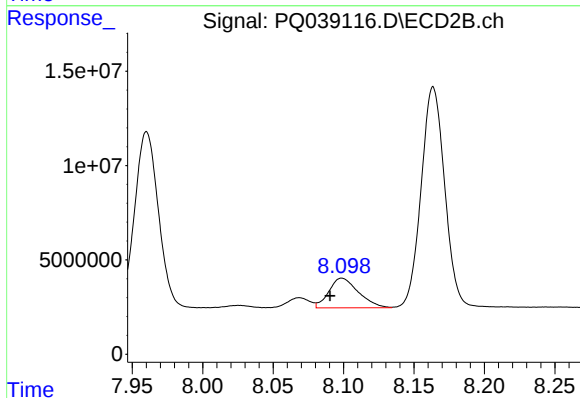
R.T.: 7.835 min
Delta R.T.: -0.008 min
Response: 72264178
Conc: 255.77 ng/ml



#29 AR-1254-4

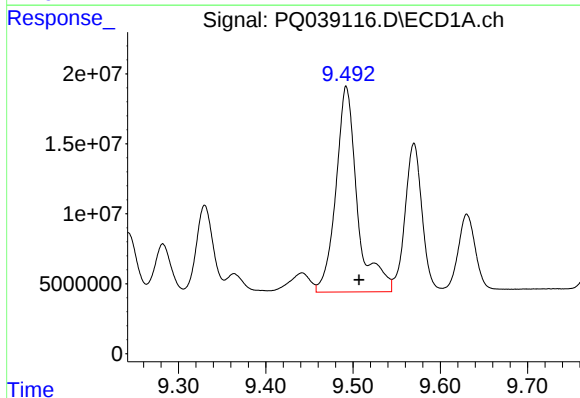
R.T.: 9.054 min
Delta R.T.: -0.015 min
Response: 18706367
Conc: 73.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



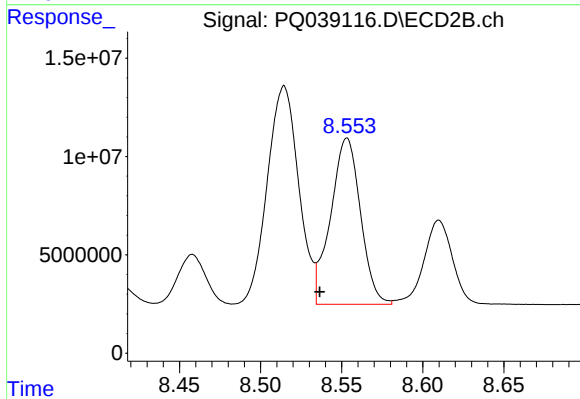
#29 AR-1254-4

R.T.: 8.099 min
Delta R.T.: 0.008 min
Response: 22979382
Conc: 138.49 ng/ml



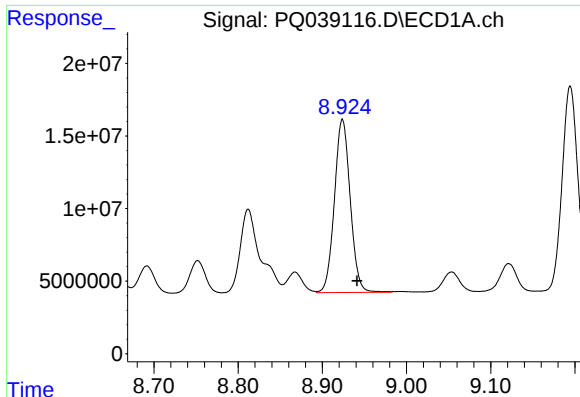
#30 AR-1254-5

R.T.: 9.492 min
Delta R.T.: -0.014 min
Response: 251490283
Conc: 843.82 ng/ml



#30 AR-1254-5

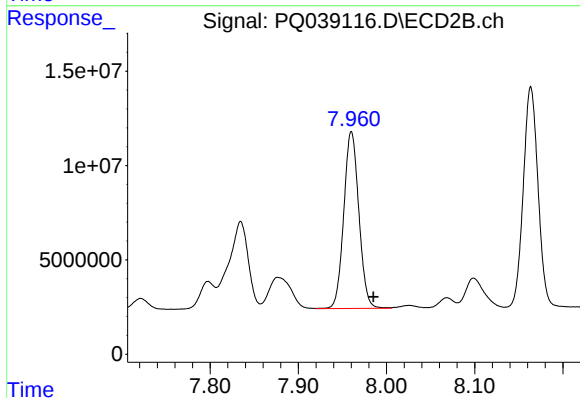
R.T.: 8.553 min
Delta R.T.: 0.017 min
Response: 108434452
Conc: 440.21 ng/ml



#31 AR-1260-1

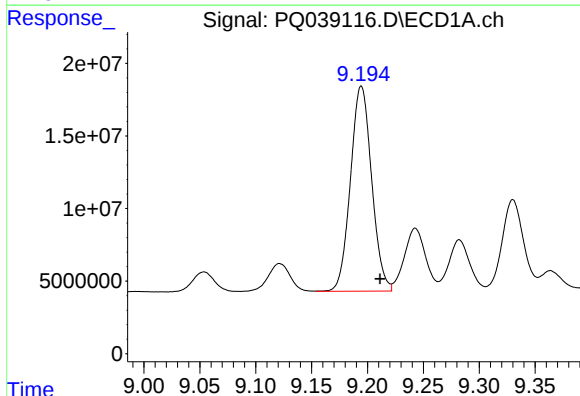
R.T.: 8.924 min
Delta R.T.: -0.018 min
Response: 155627113
Conc: 325.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



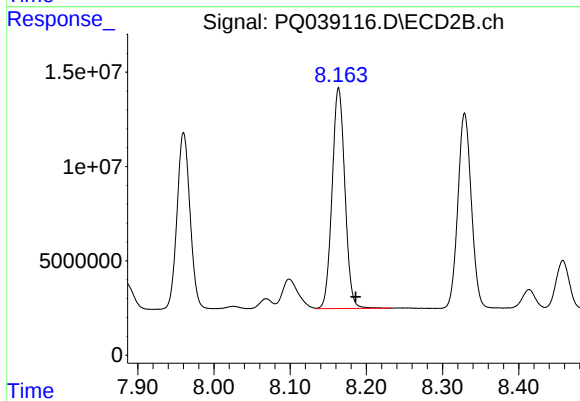
#31 AR-1260-1

R.T.: 7.960 min
Delta R.T.: -0.025 min
Response: 111427366
Conc: 367.83 ng/ml



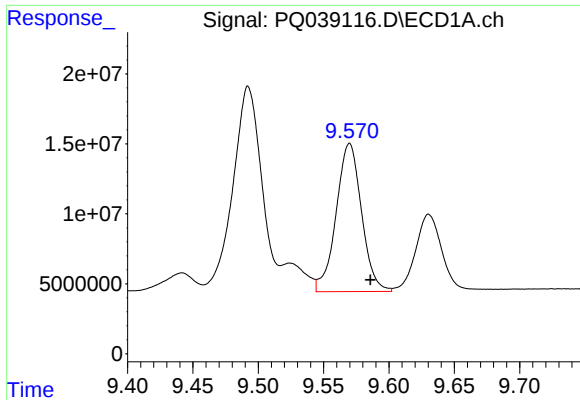
#32 AR-1260-2

R.T.: 9.194 min
Delta R.T.: -0.017 min
Response: 186199062
Conc: 327.81 ng/ml



#32 AR-1260-2

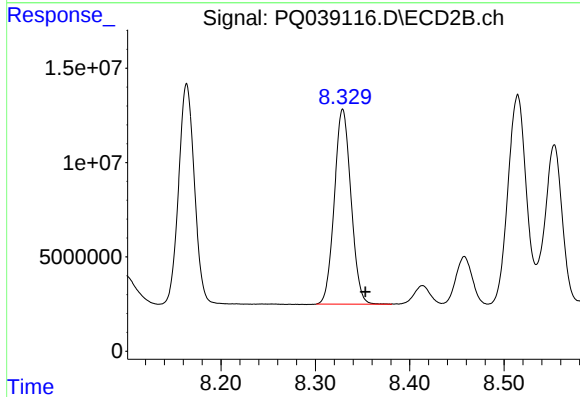
R.T.: 8.164 min
Delta R.T.: -0.023 min
Response: 136572552
Conc: 368.69 ng/ml



#33 AR-1260-3

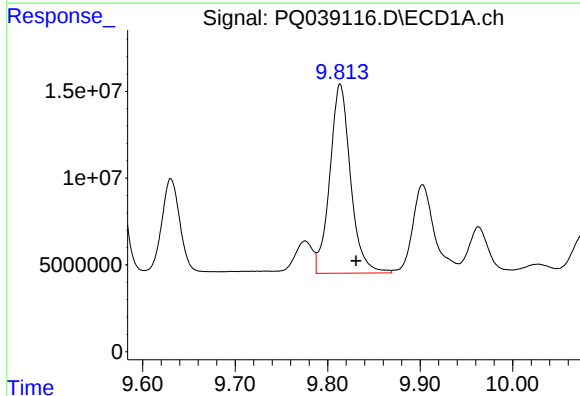
R.T.: 9.570 min
Delta R.T.: -0.016 min
Response: 143427708
Conc: 329.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



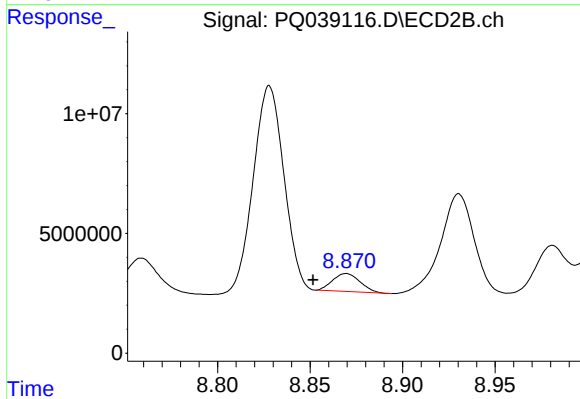
#33 AR-1260-3

R.T.: 8.329 min
Delta R.T.: -0.024 min
Response: 126491720
Conc: 360.83 ng/ml



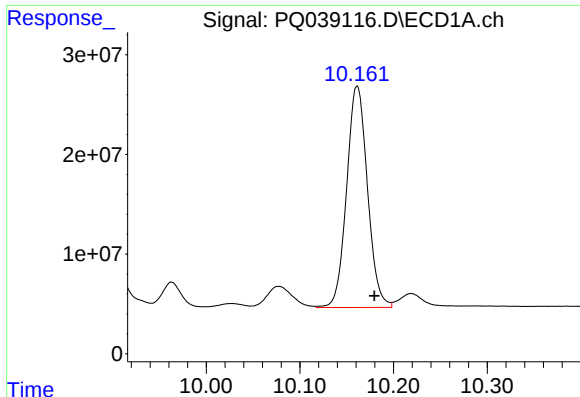
#34 AR-1260-4

R.T.: 9.814 min
Delta R.T.: -0.017 min
Response: 169621931
Conc: 330.50 ng/ml



#34 AR-1260-4

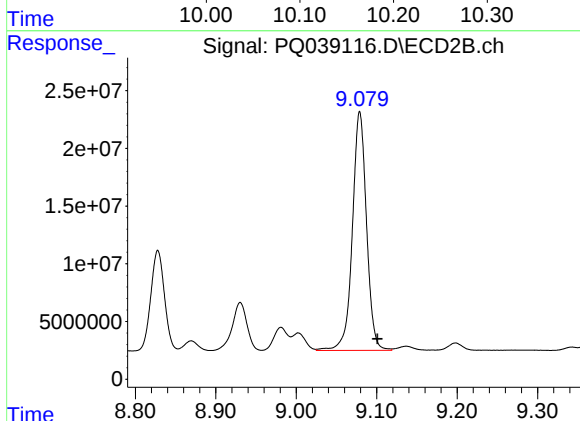
R.T.: 8.870 min
Delta R.T.: 0.018 min
Response: 7713673
Conc: 26.71 ng/ml



#35 AR-1260-5

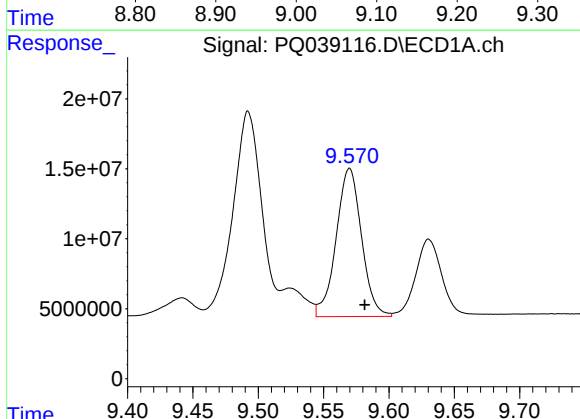
R.T.: 10.161 min
Delta R.T.: -0.018 min
Response: 343859860
Conc: 331.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



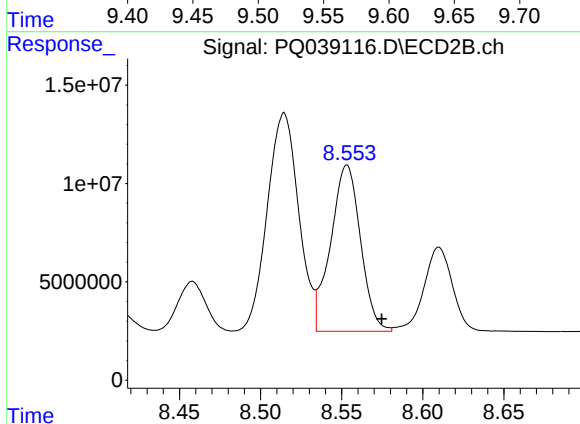
#35 AR-1260-5

R.T.: 9.079 min
Delta R.T.: -0.022 min
Response: 252818387
Conc: 356.47 ng/ml



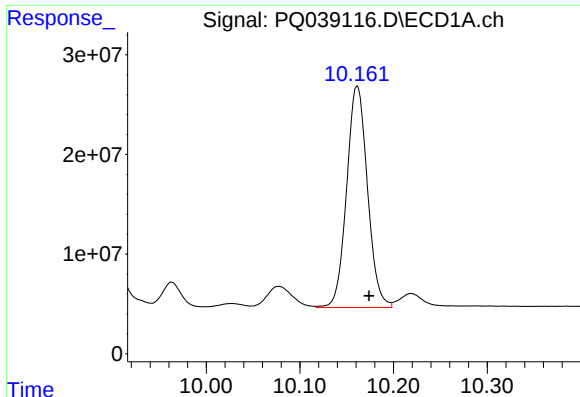
#36 AR-1262-1

R.T.: 9.570 min
Delta R.T.: -0.012 min
Response: 143427708
Conc: 386.11 ng/ml



#36 AR-1262-1

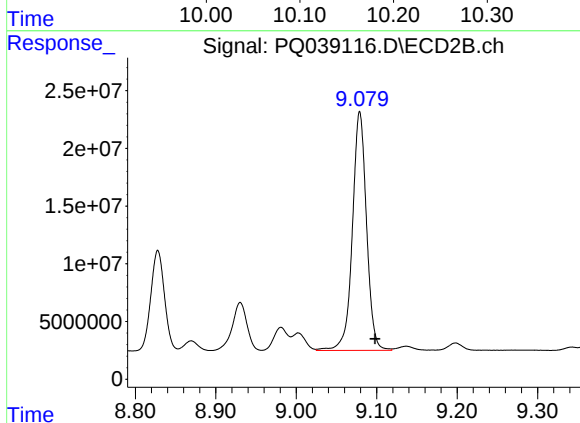
R.T.: 8.553 min
Delta R.T.: -0.021 min
Response: 108434452
Conc: 414.17 ng/ml



#37 AR-1262-2

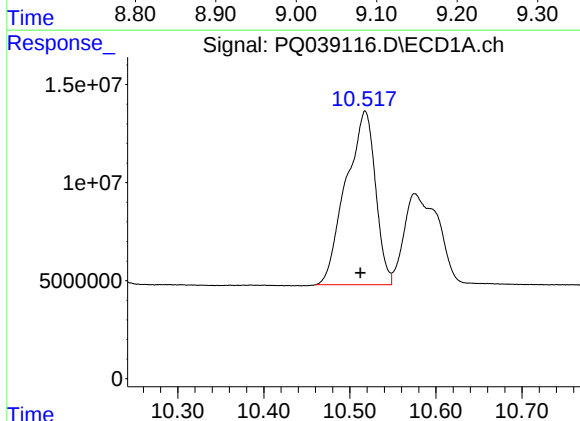
R.T.: 10.161 min
Delta R.T.: -0.013 min
Response: 343859860
Conc: 520.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



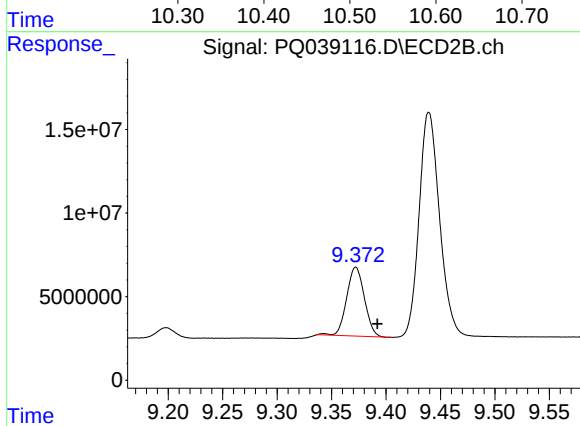
#37 AR-1262-2

R.T.: 9.079 min
Delta R.T.: -0.019 min
Response: 252818387
Conc: 529.05 ng/ml



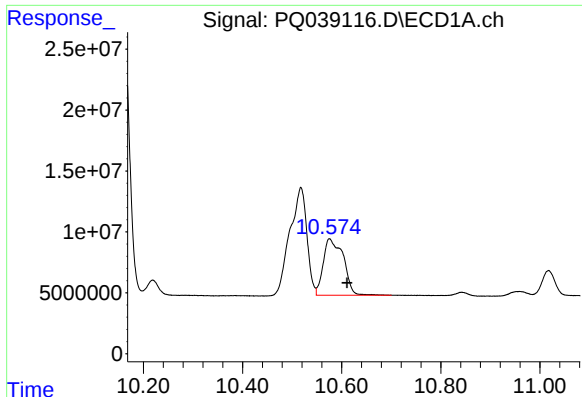
#38 AR-1262-3

R.T.: 10.518 min
Delta R.T.: 0.006 min
Response: 210794613
Conc: 466.48 ng/ml



#38 AR-1262-3

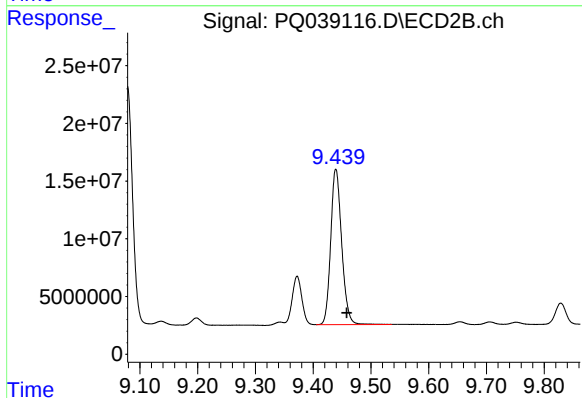
R.T.: 9.372 min
Delta R.T.: -0.020 min
Response: 46530285
Conc: 239.65 ng/ml



#39 AR-1262-4

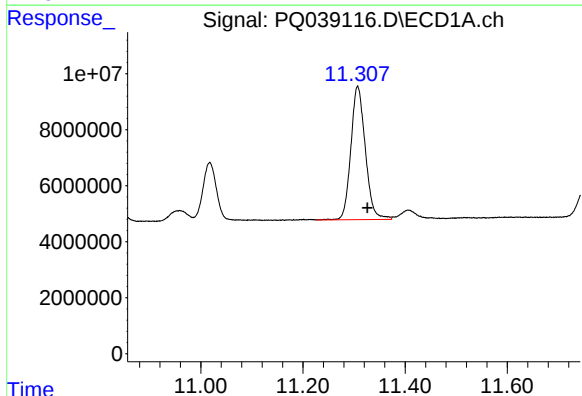
R.T.: 10.576 min
Delta R.T.: -0.035 min
Response: 130532438
Conc: 363.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



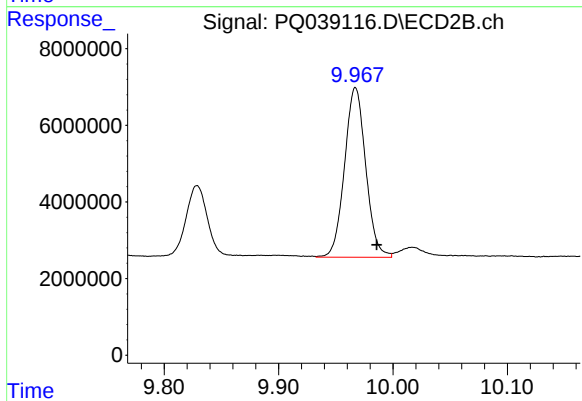
#39 AR-1262-4

R.T.: 9.439 min
Delta R.T.: -0.019 min
Response: 177750790
Conc: 482.63 ng/ml



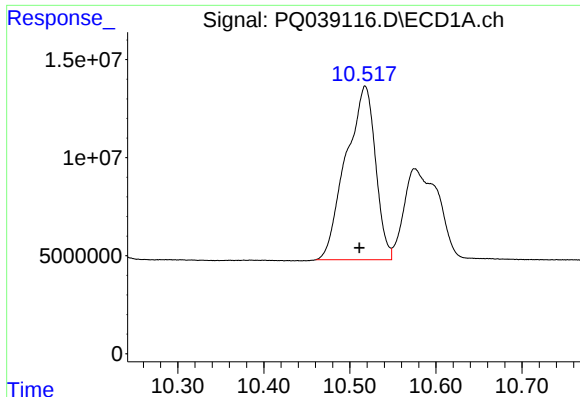
#40 AR-1262-5

R.T.: 11.307 min
Delta R.T.: -0.019 min
Response: 93572756
Conc: 376.07 ng/ml



#40 AR-1262-5

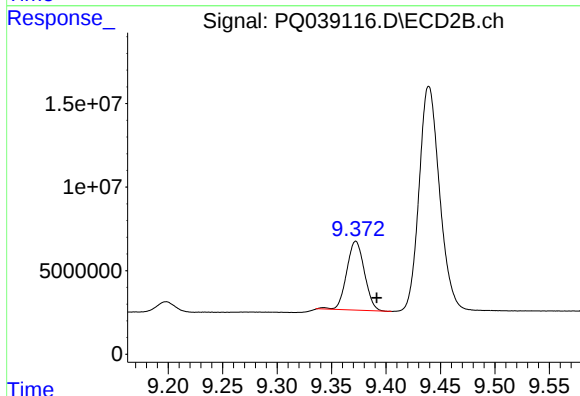
R.T.: 9.967 min
Delta R.T.: -0.019 min
Response: 57003901
Conc: 377.37 ng/ml



#41 AR-1268-1

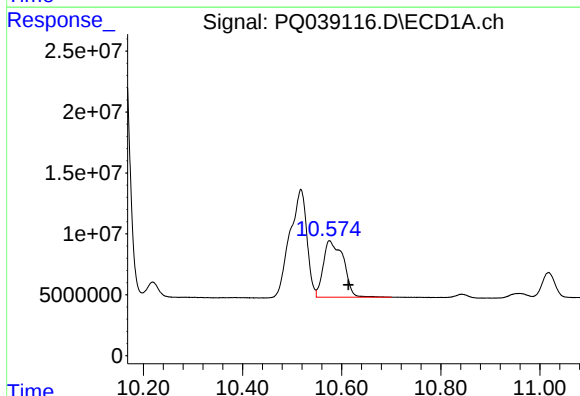
R.T.: 10.518 min
Delta R.T.: 0.006 min
Response: 210794613
Conc: 141.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



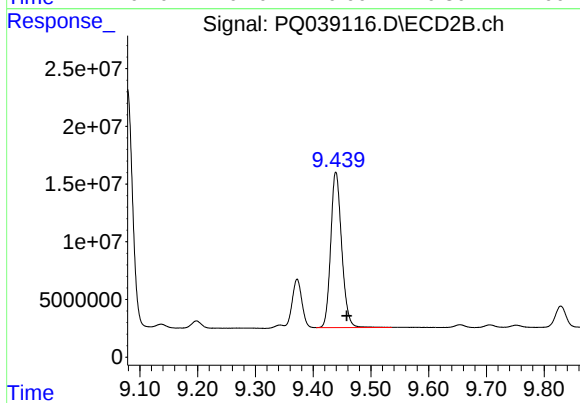
#41 AR-1268-1

R.T.: 9.372 min
Delta R.T.: -0.019 min
Response: 46530285
Conc: 46.10 ng/ml



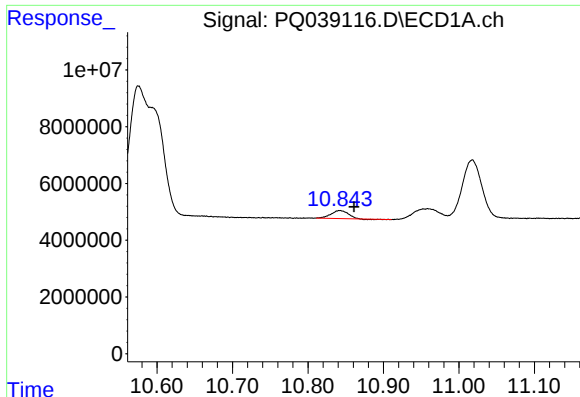
#42 AR-1268-2

R.T.: 10.576 min
Delta R.T.: -0.037 min
Response: 130532438
Conc: 94.49 ng/ml



#42 AR-1268-2

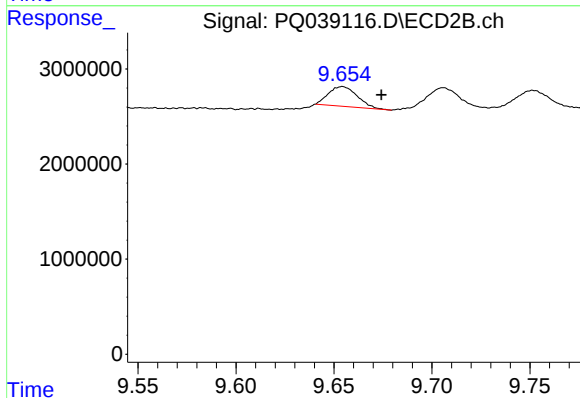
R.T.: 9.439 min
Delta R.T.: -0.019 min
Response: 177750790
Conc: 190.58 ng/ml



#43 AR-1268-3

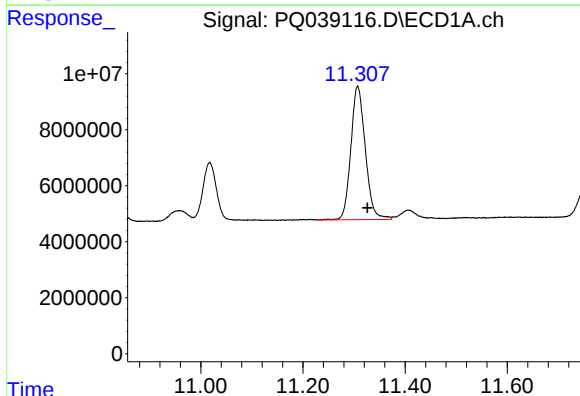
R.T.: 10.842 min
Delta R.T.: -0.019 min
Response: 4349878
Conc: 3.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



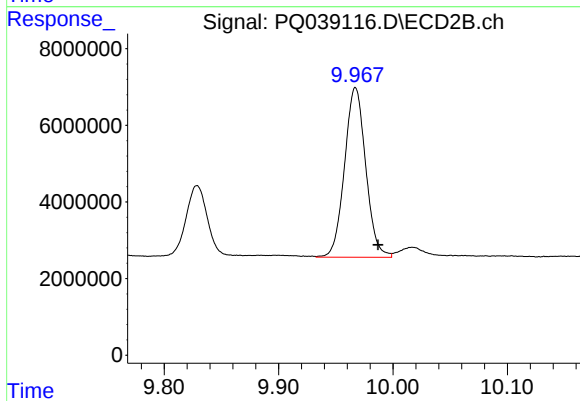
#43 AR-1268-3

R.T.: 9.654 min
Delta R.T.: -0.020 min
Response: 2116677
Conc: 2.68 ng/ml



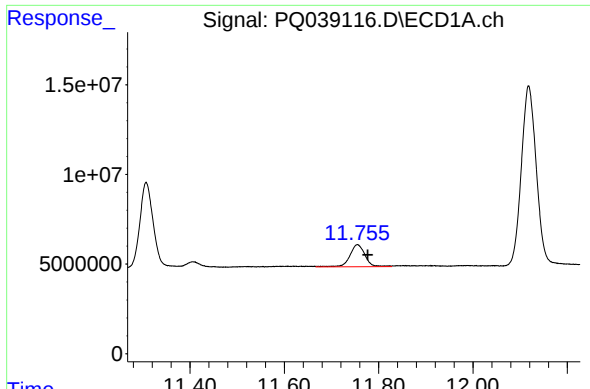
#44 AR-1268-4

R.T.: 11.307 min
Delta R.T.: -0.019 min
Response: 93572756
Conc: 186.54 ng/ml



#44 AR-1268-4

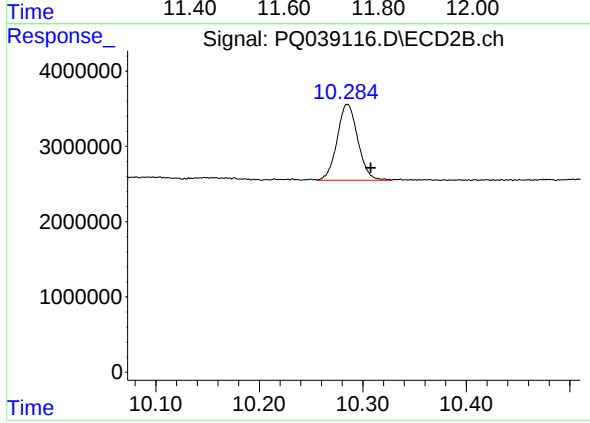
R.T.: 9.967 min
Delta R.T.: -0.020 min
Response: 57003901
Conc: 183.37 ng/ml



#45 AR-1268-5

R.T.: 11.755 min
Delta R.T.: -0.022 min
Response: 27670560
Conc: 6.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660328



#45 AR-1268-5

R.T.: 10.285 min
Delta R.T.: -0.022 min
Response: 14024621
Conc: 5.63 ng/ml