

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051819\
 Data File : PQ039881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2019 23:06
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:34:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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...	5.618	4.735	141.6E6	103.9E6	21.004	21.641
2)	SA Decachlor...	11.961	10.473	215.2E6	139.1E6	34.456	36.039
Target Compounds							
3)	L1 AR-1016-1	7.070	6.207	127.7E6	257.7E6	395.592	1014.777 #
4)	L1 AR-1016-2	7.094	6.207	189.3E6	257.7E6	399.707	708.885 #
5)	L1 AR-1016-3	7.165	6.423	114.6E6	76303845	404.212	416.111
6)	L1 AR-1016-4	7.279	6.477	94156964	56886110	405.127	439.235
7)	L1 AR-1016-5	7.613	6.730	90638155	77551611	405.367	412.353
8)	L2 AR-1221-1	5.897	5.039	12167214	9508485	173.980	187.678
9)	L2 AR-1221-2	6.011	5.159	16019918	12704910	332.301	372.257
10)	L2 AR-1221-3	6.107	5.262	69603986	51797811	423.167	426.436
11)	L3 AR-1232-1	6.107	5.262	69603986	51797811	557.481	558.059
12)	L3 AR-1232-2	6.752	6.207	93005199	257.7E6	1537.953	2782.996 #
13)	L3 AR-1232-3	7.094	6.423	189.3E6	76303845	1519.366	1544.452
14)	L3 AR-1232-4	7.279	6.526	94156964	95767525	1527.786	2326.133 #
15)	L3 AR-1232-5	7.384	6.730	71568620	77551611	1797.054	1724.940
16)	L4 AR-1242-1	7.070	6.207	127.7E6	257.7E6	813.167	2087.668 #
17)	L4 AR-1242-2	7.094	6.207	189.3E6	257.7E6	819.146	1464.908 #
18)	L4 AR-1242-3	7.165	6.423	114.6E6	76303845	826.852	840.249
19)	L4 AR-1242-4	7.279	6.526	94156964	95767525	826.791	1131.592 #
20)	L4 AR-1242-5	8.102	7.138	26306875	97430135	217.694	908.725 #
21)	L5 AR-1248-1	7.070	6.207	127.7E6	257.7E6	983.473	2550.655 #
22)	L5 AR-1248-2	7.384	6.477	71568620	56886110	435.905	449.244
23)	L5 AR-1248-3	7.613	6.526	90638155	95767525	466.979	722.045 #
24)	L5 AR-1248-4	8.060	6.730	30811333	77551611	142.762	473.358 #
25)	L5 AR-1248-5	8.102	7.185	26306875	18506723	126.201	114.212
26)	L6 AR-1254-1	8.030	7.138	82026692	97430135	355.333	367.871
27)	L6 AR-1254-2	8.266	7.307	71272501	54057617	197.770	236.800
28)	L6 AR-1254-3	8.662	7.767	33692918	128.3E6	88.750	347.159 #
29)	L6 AR-1254-4	8.963	8.034	21885781	40732226	80.186	177.469 #
30)	L6 AR-1254-5	9.402	8.448	240.5E6	199.9E6	800.269	641.994
31)	L7 AR-1260-1	8.833	7.894	178.0E6	153.8E6	398.966	417.439
32)	L7 AR-1260-2	9.103	8.099	207.1E6	187.8E6	385.396	412.904
33)	L7 AR-1260-3	9.478	8.262	157.0E6	173.5E6	391.397	413.125
34)	L7 AR-1260-4	9.718	8.759	171.5E6	135.4E6	372.782	409.213
35)	L7 AR-1260-5	10.060	9.013	347.3E6	324.1E6	360.284	395.086
36)	L8 AR-1262-1	9.538	8.543	81065309	73339303	528.333	548.690
37)	L8 AR-1262-2	10.060	9.013	347.3E6	324.1E6	513.706	540.992
38)	L8 AR-1262-3	10.411	9.303	214.0E6	68663323	465.961	297.869 #
39)	L8 AR-1262-4	10.467	9.372	141.1E6	219.4E6	383.415	515.964 #
40)	L8 AR-1262-5	11.180	9.893	85476697	66243859	355.561	369.841
41)	L9 AR-1268-1	10.411	9.303	214.0E6	68663323	176.722	66.367 #
42)	L9 AR-1268-2	10.467	9.372	141.1E6	219.4E6	122.598	229.243 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051819\
 Data File : PQ039881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2019 23:06
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

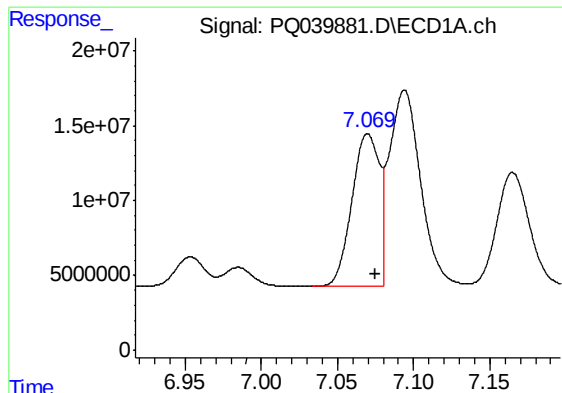
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:34:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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
43) L9	AR-1268-3	10.723	9.580	6425640	4685489	6.334	5.827
44) L9	AR-1268-4	11.180	9.893	85476697	66243859	226.172	220.845
45) L9	AR-1268-5	11.611	10.204	26739717	18370635	8.069	7.472

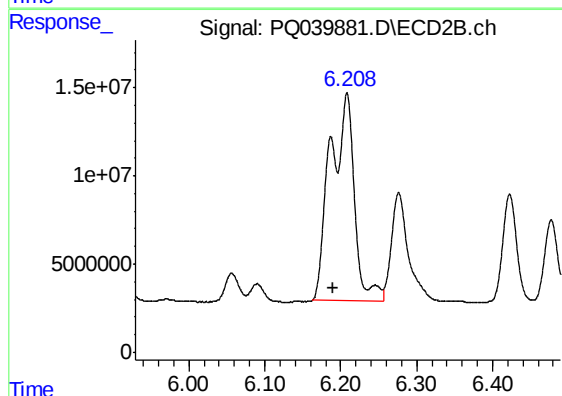
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

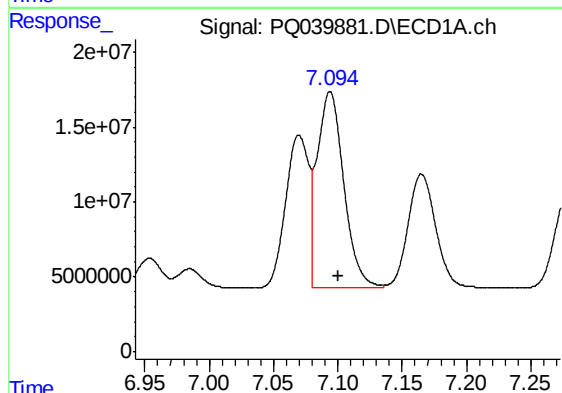
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 127718050
Conc: 395.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



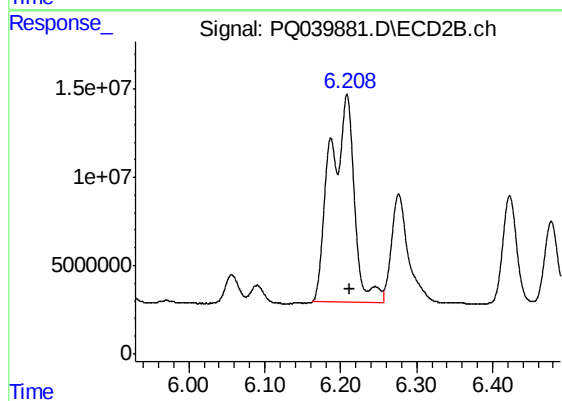
#3 AR-1016-1

R.T.: 6.207 min
Delta R.T.: 0.017 min
Response: 257741124
Conc: 1014.78 ng/ml



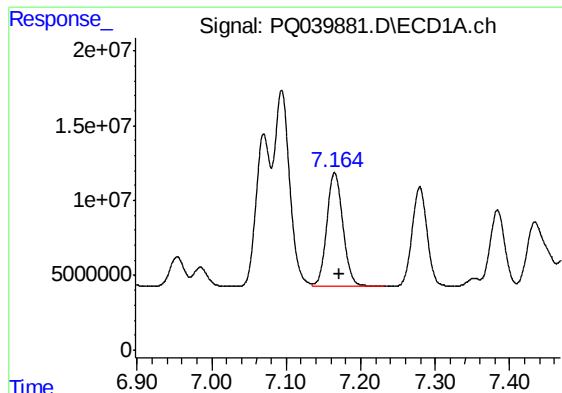
#4 AR-1016-2

R.T.: 7.094 min
Delta R.T.: -0.006 min
Response: 189348282
Conc: 399.71 ng/ml



#4 AR-1016-2

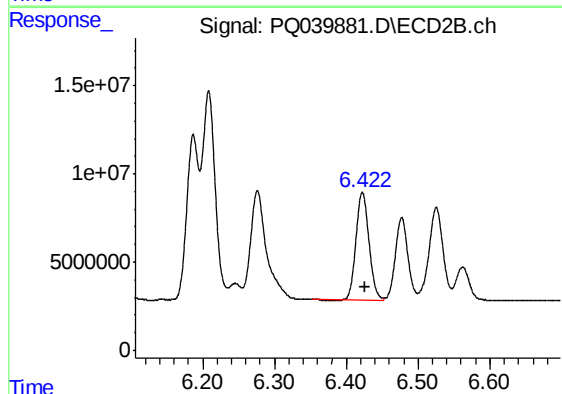
R.T.: 6.207 min
Delta R.T.: -0.005 min
Response: 257741124
Conc: 708.89 ng/ml



#5 AR-1016-3

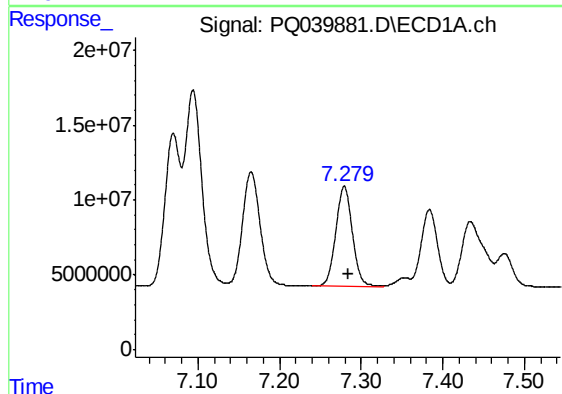
R.T.: 7.165 min
Delta R.T.: -0.006 min
Response: 114560787
Conc: 404.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



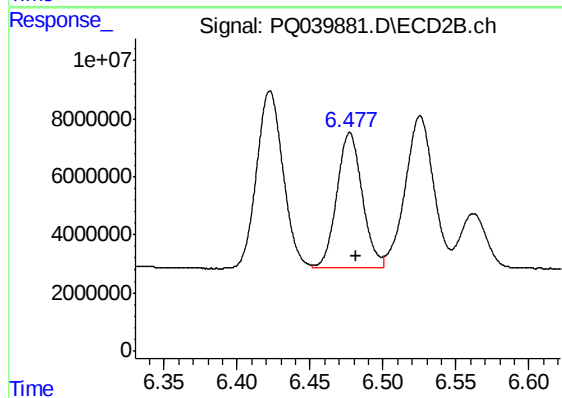
#5 AR-1016-3

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 76303845
Conc: 416.11 ng/ml



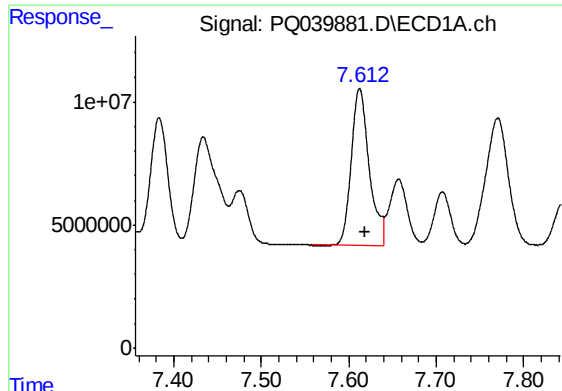
#6 AR-1016-4

R.T.: 7.279 min
Delta R.T.: -0.006 min
Response: 94156964
Conc: 405.13 ng/ml



#6 AR-1016-4

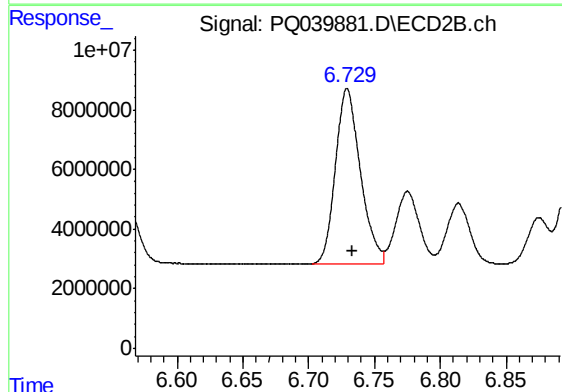
R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 56886110
Conc: 439.23 ng/ml



#7 AR-1016-5

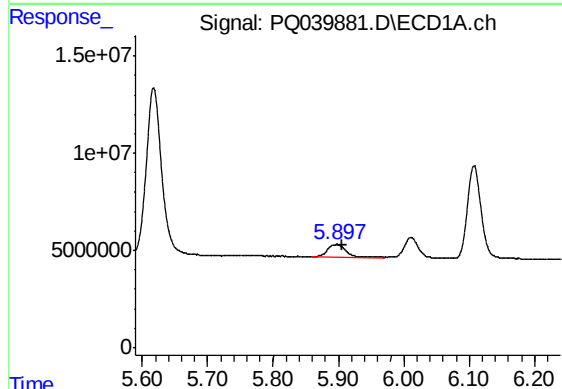
R.T.: 7.613 min
Delta R.T.: -0.007 min
Response: 90638155
Conc: 405.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



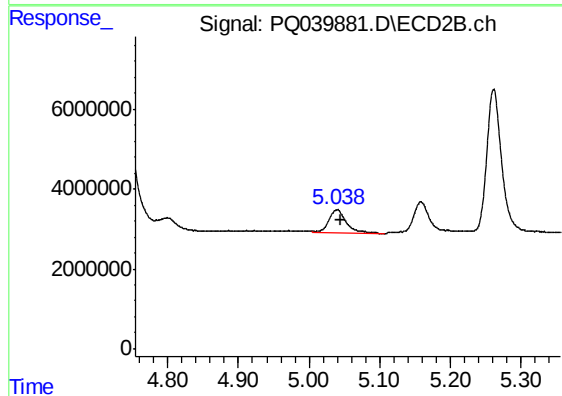
#7 AR-1016-5

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 77551611
Conc: 412.35 ng/ml



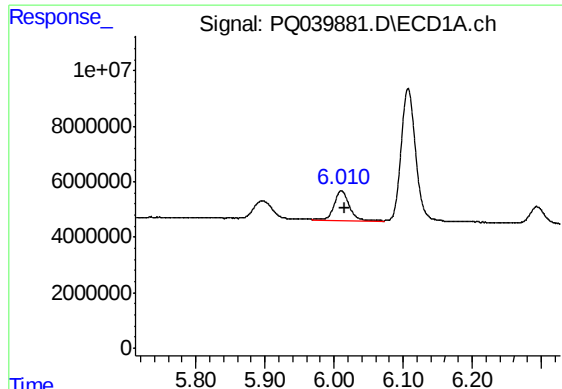
#8 AR-1221-1

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 12167214
Conc: 173.98 ng/ml



#8 AR-1221-1

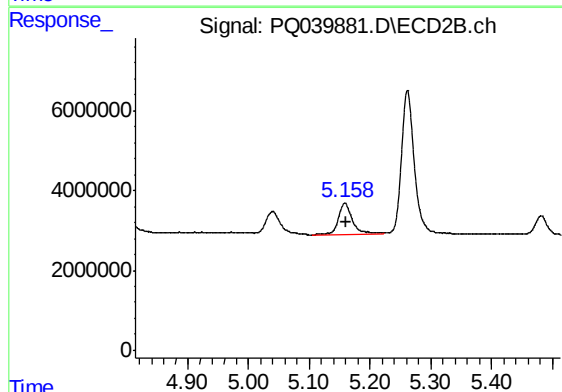
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 9508485
Conc: 187.68 ng/ml



#9 AR-1221-2

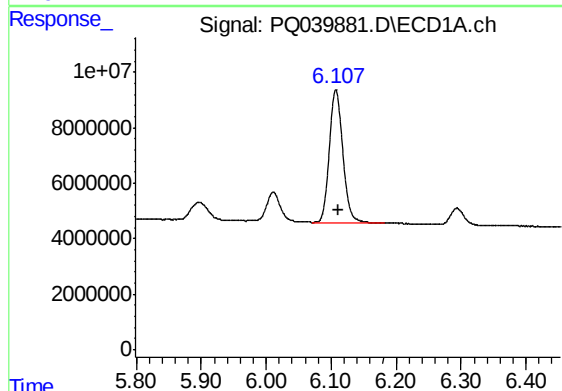
R.T.: 6.011 min
Delta R.T.: -0.004 min
Response: 16019918
Conc: 332.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



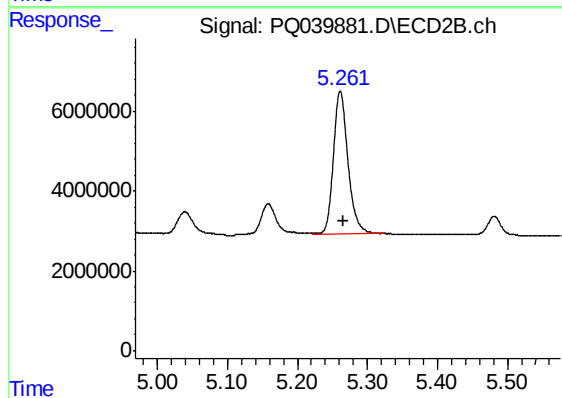
#9 AR-1221-2

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 12704910
Conc: 372.26 ng/ml



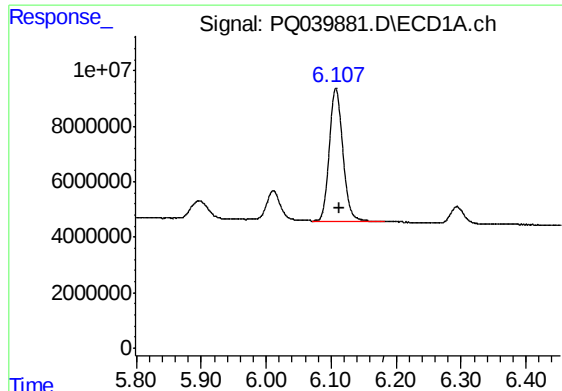
#10 AR-1221-3

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 69603986
Conc: 423.17 ng/ml



#10 AR-1221-3

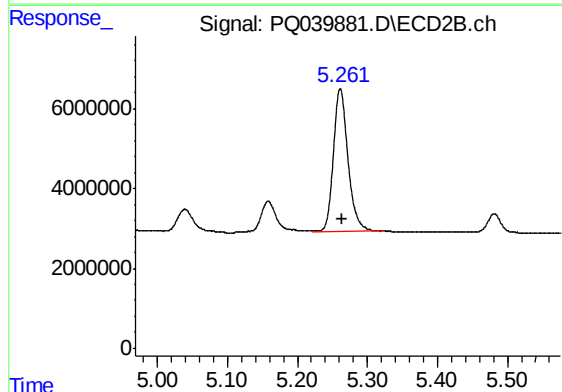
R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 51797811
Conc: 426.44 ng/ml



#11 AR-1232-1

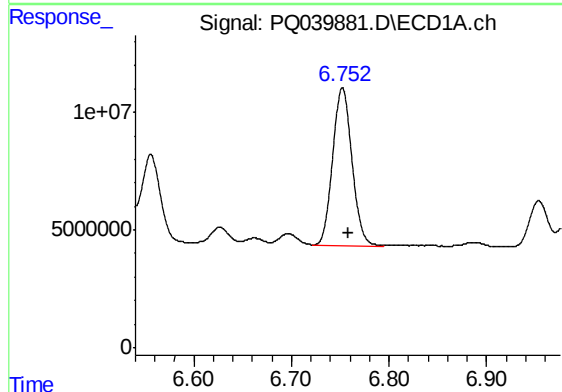
R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 69603986
Conc: 557.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



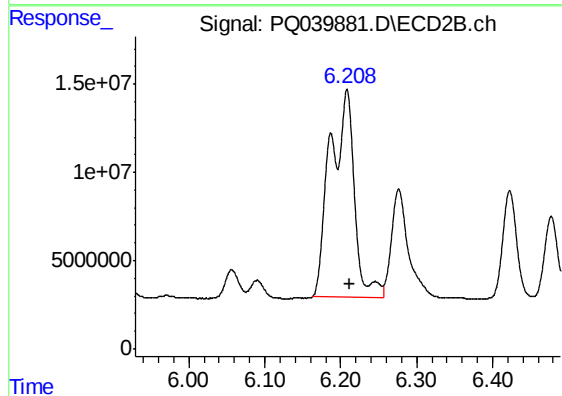
#11 AR-1232-1

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 51797811
Conc: 558.06 ng/ml



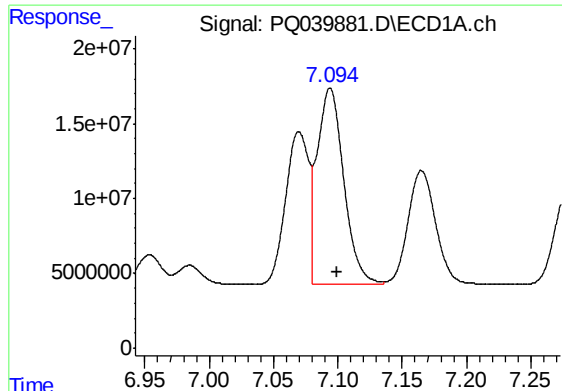
#12 AR-1232-2

R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 93005199
Conc: 1537.95 ng/ml



#12 AR-1232-2

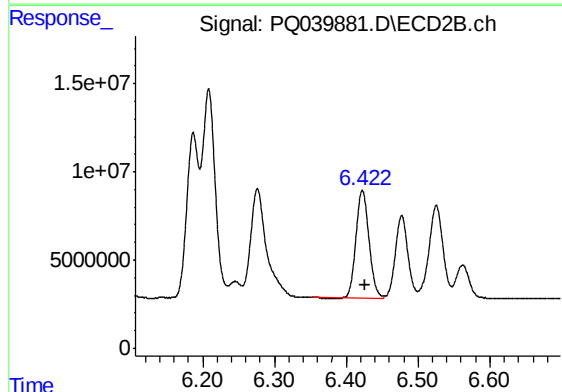
R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 257741124
Conc: 2783.00 ng/ml



#13 AR-1232-3

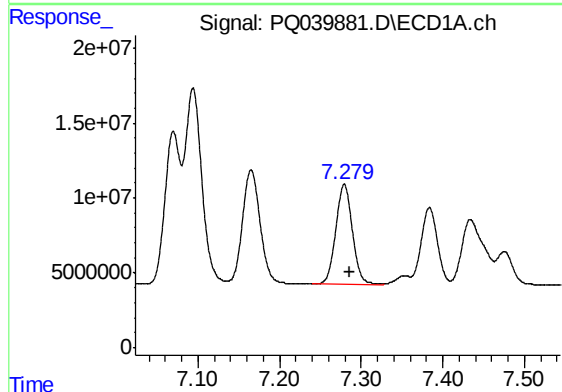
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 189348282
Conc: 1519.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



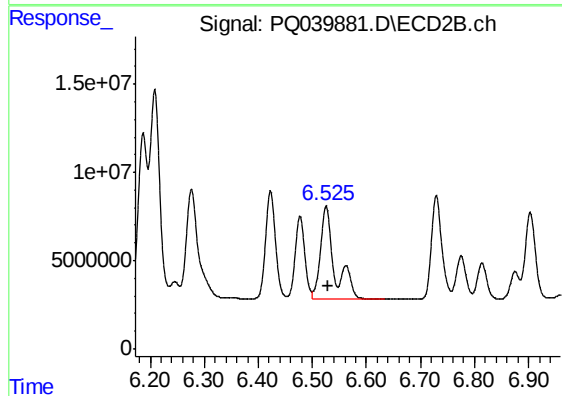
#13 AR-1232-3

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 76303845
Conc: 1544.45 ng/ml



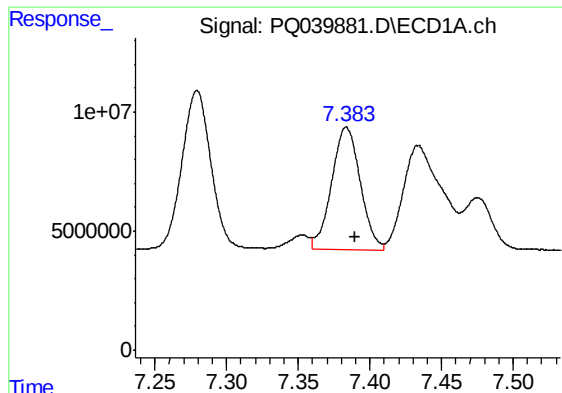
#14 AR-1232-4

R.T.: 7.279 min
Delta R.T.: -0.006 min
Response: 94156964
Conc: 1527.79 ng/ml



#14 AR-1232-4

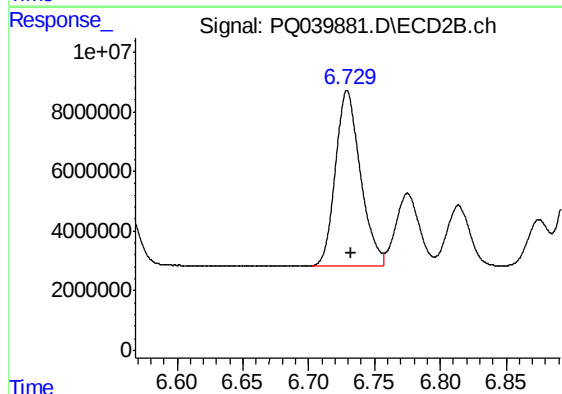
R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 95767525
Conc: 2326.13 ng/ml



#15 AR-1232-5

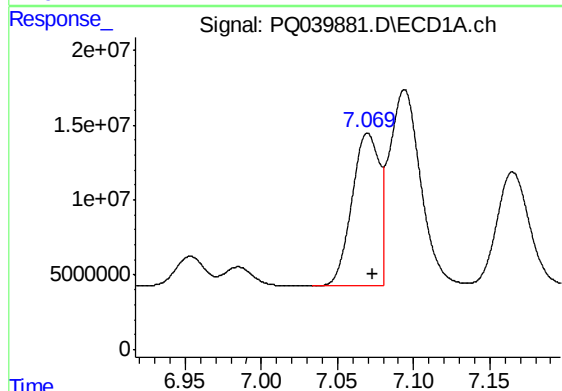
R.T.: 7.384 min
Delta R.T.: -0.006 min
Response: 71568620
Conc: 1797.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



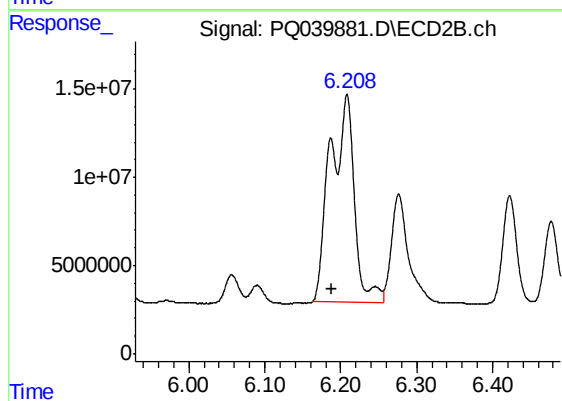
#15 AR-1232-5

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 77551611
Conc: 1724.94 ng/ml



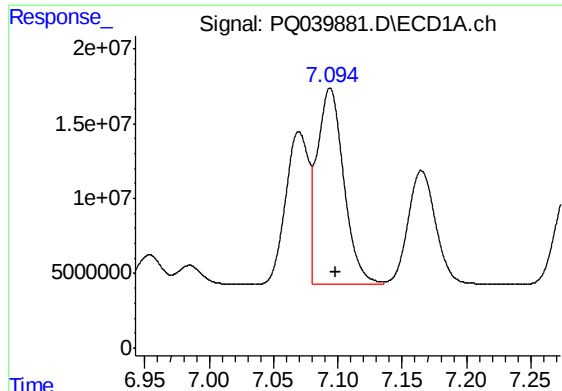
#16 AR-1242-1

R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 127718050
Conc: 813.17 ng/ml



#16 AR-1242-1

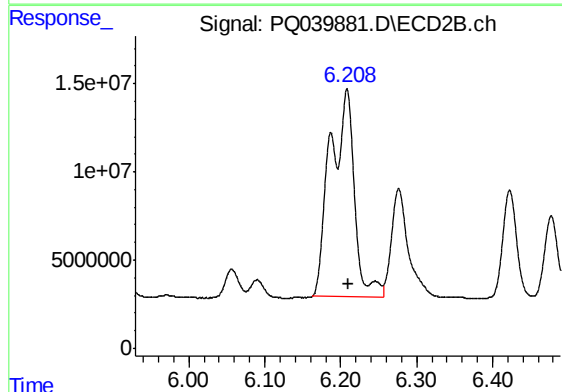
R.T.: 6.207 min
Delta R.T.: 0.019 min
Response: 257741124
Conc: 2087.67 ng/ml



#17 AR-1242-2

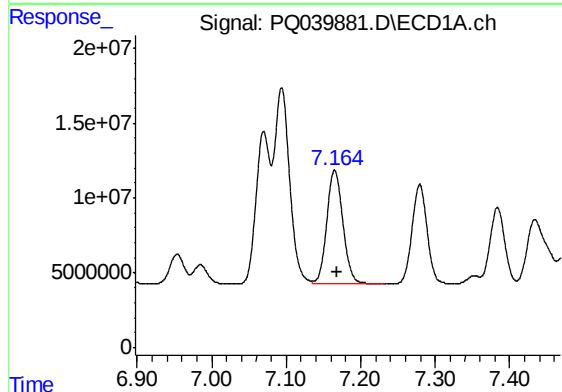
R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 189348282
Conc: 819.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



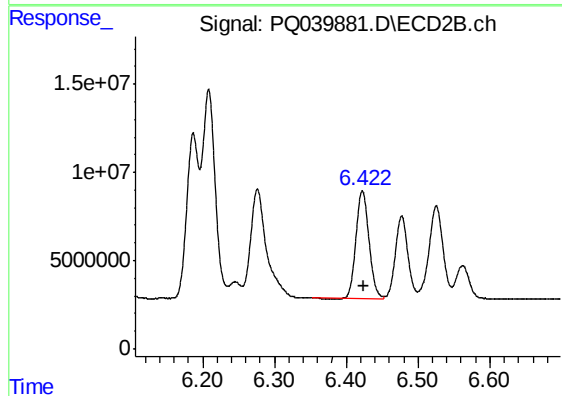
#17 AR-1242-2

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 257741124
Conc: 1464.91 ng/ml



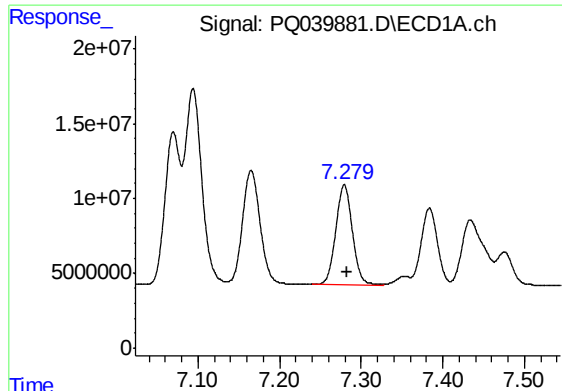
#18 AR-1242-3

R.T.: 7.165 min
Delta R.T.: -0.004 min
Response: 114560787
Conc: 826.85 ng/ml



#18 AR-1242-3

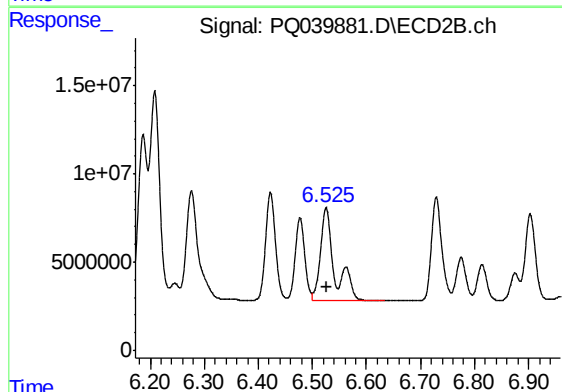
R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 76303845
Conc: 840.25 ng/ml



#19 AR-1242-4

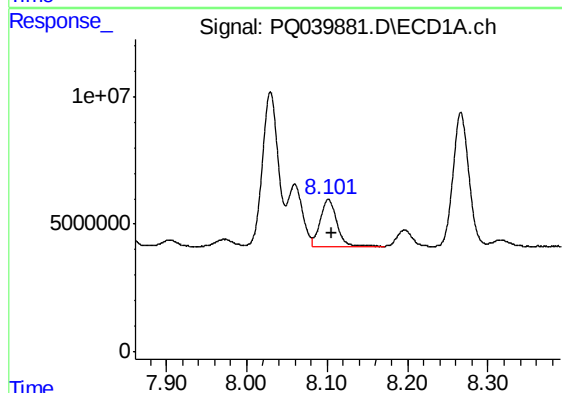
R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 94156964
Conc: 826.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



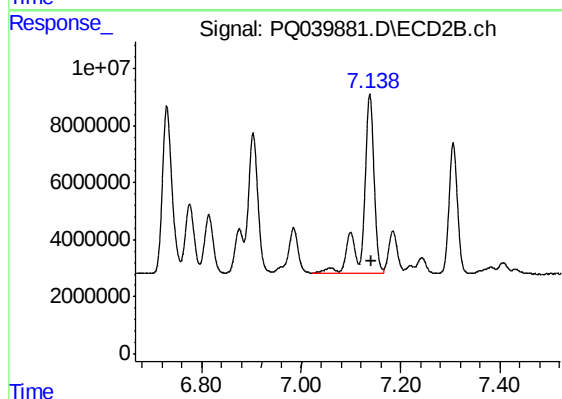
#19 AR-1242-4

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 95767525
Conc: 1131.59 ng/ml



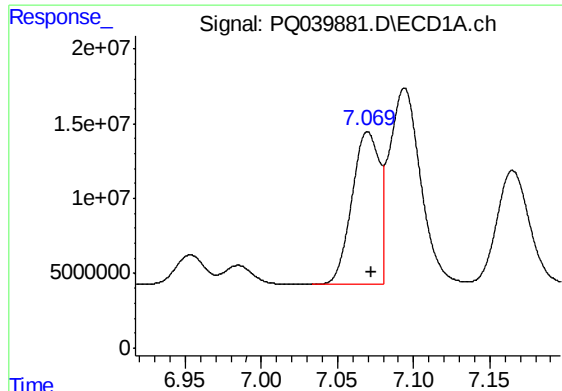
#20 AR-1242-5

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 26306875
Conc: 217.69 ng/ml



#20 AR-1242-5

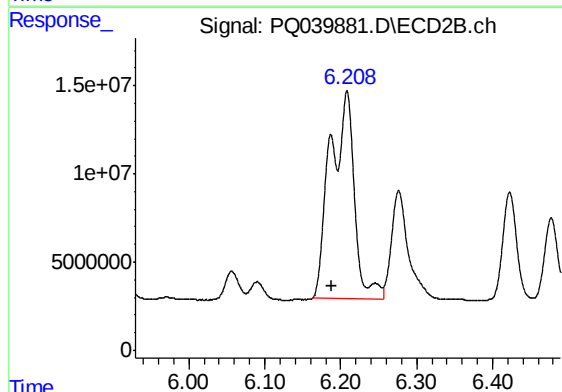
R.T.: 7.138 min
Delta R.T.: -0.003 min
Response: 97430135
Conc: 908.73 ng/ml



#21 AR-1248-1

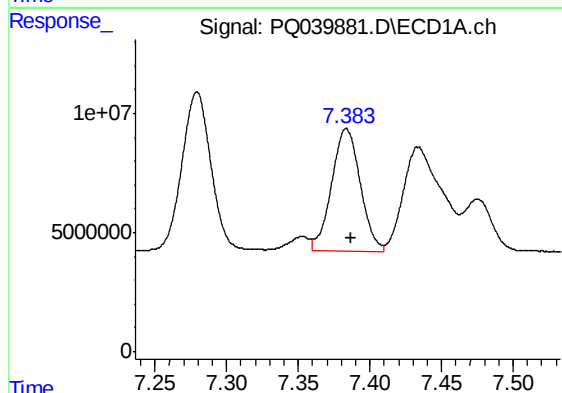
R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 127718050
Conc: 983.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



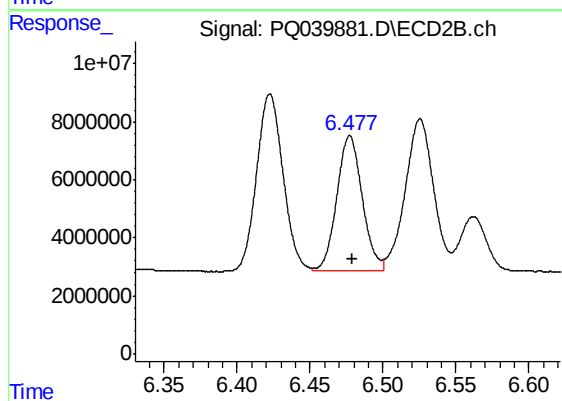
#21 AR-1248-1

R.T.: 6.207 min
Delta R.T.: 0.019 min
Response: 257741124
Conc: 2550.65 ng/ml



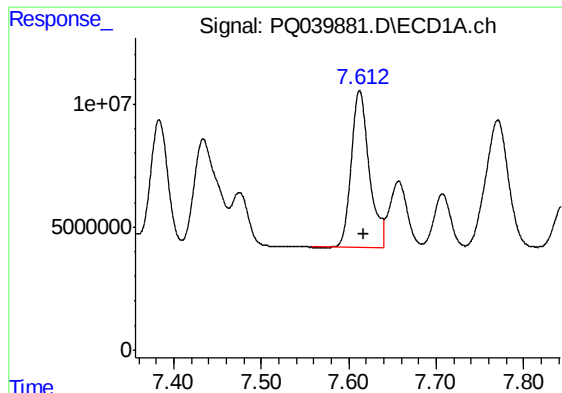
#22 AR-1248-2

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 71568620
Conc: 435.90 ng/ml



#22 AR-1248-2

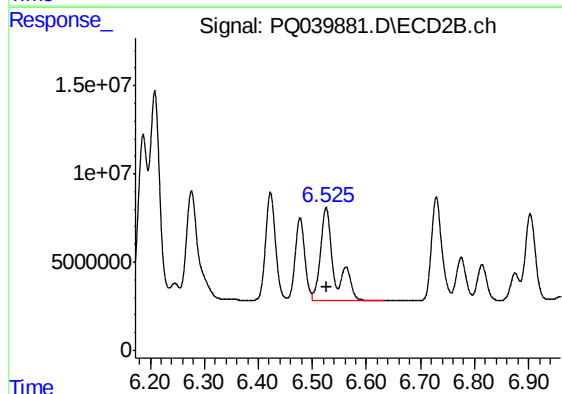
R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 56886110
Conc: 449.24 ng/ml



#23 AR-1248-3

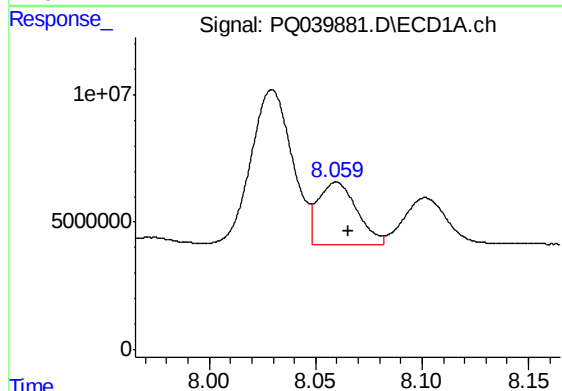
R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 90638155
Conc: 466.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



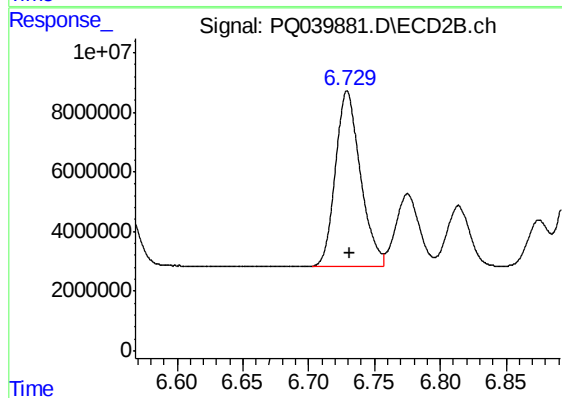
#23 AR-1248-3

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 95767525
Conc: 722.05 ng/ml



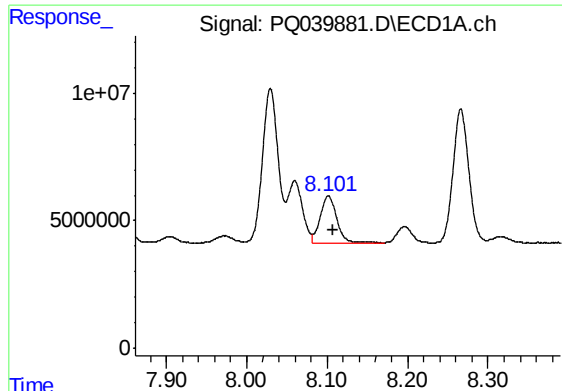
#24 AR-1248-4

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 30811333
Conc: 142.76 ng/ml



#24 AR-1248-4

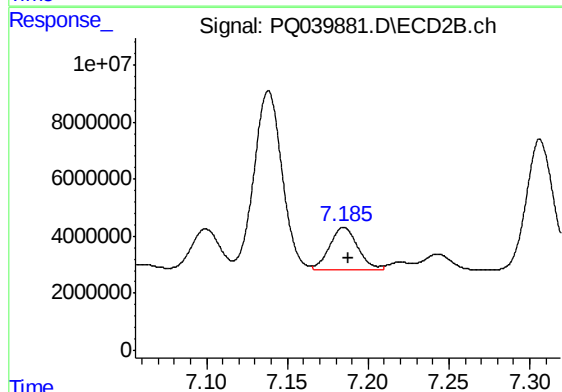
R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 77551611
Conc: 473.36 ng/ml



#25 AR-1248-5

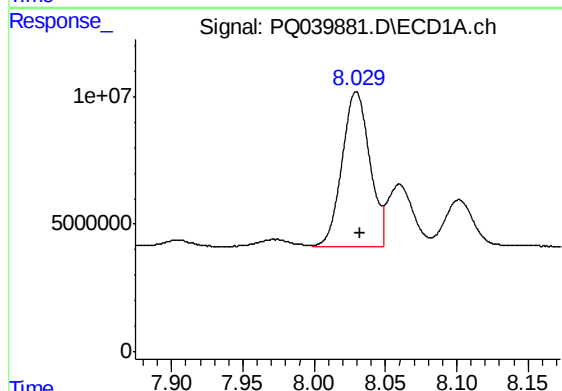
R.T.: 8.102 min
Delta R.T.: -0.005 min
Response: 26306875
Conc: 126.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



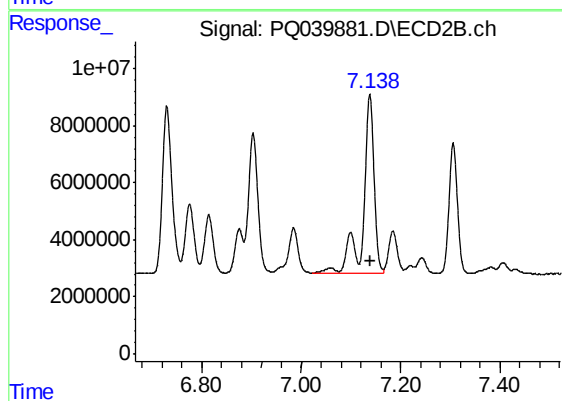
#25 AR-1248-5

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 18506723
Conc: 114.21 ng/ml



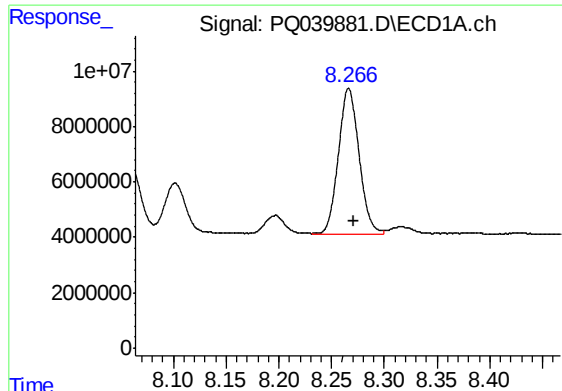
#26 AR-1254-1

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 82026692
Conc: 355.33 ng/ml



#26 AR-1254-1

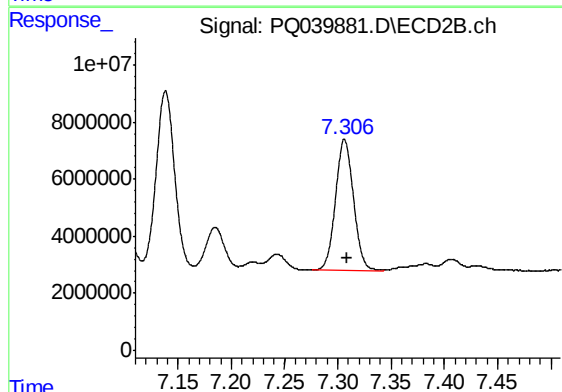
R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 97430135
Conc: 367.87 ng/ml



#27 AR-1254-2

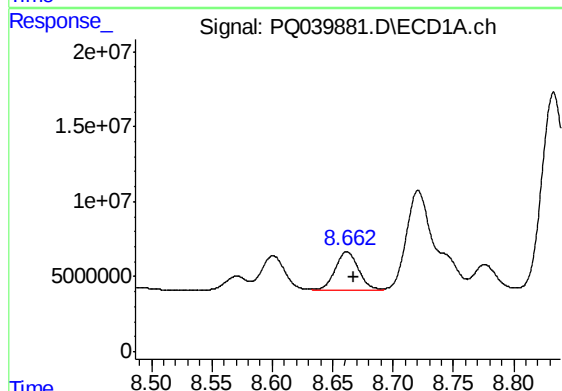
R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 71272501
Conc: 197.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



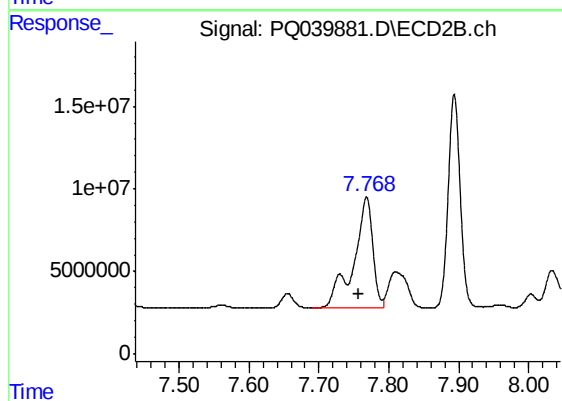
#27 AR-1254-2

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 54057617
Conc: 236.80 ng/ml



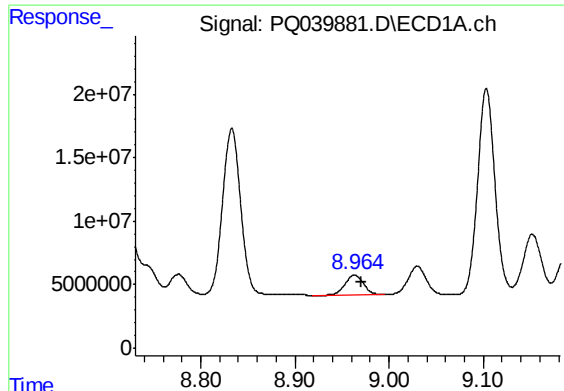
#28 AR-1254-3

R.T.: 8.662 min
Delta R.T.: -0.005 min
Response: 33692918
Conc: 88.75 ng/ml



#28 AR-1254-3

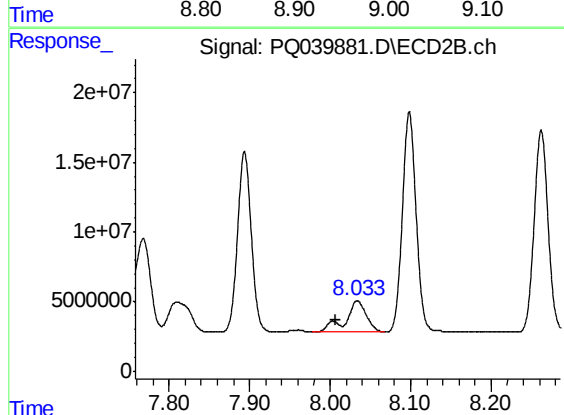
R.T.: 7.767 min
Delta R.T.: 0.011 min
Response: 128272507
Conc: 347.16 ng/ml



#29 AR-1254-4

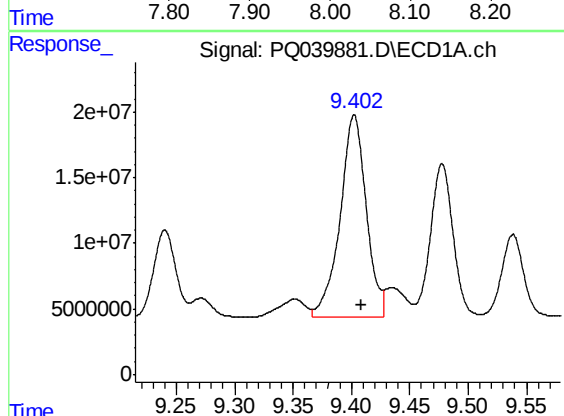
R.T.: 8.963 min
Delta R.T.: -0.007 min
Response: 21885781
Conc: 80.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



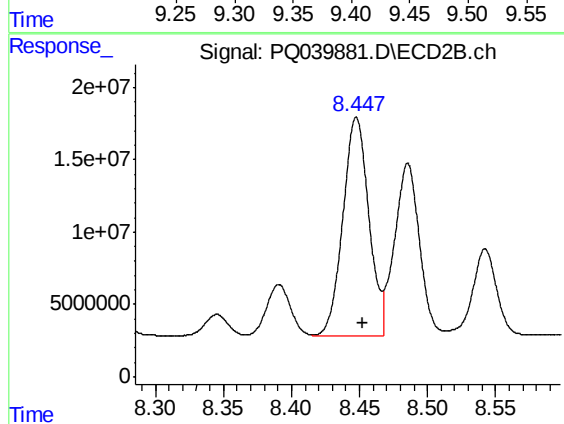
#29 AR-1254-4

R.T.: 8.034 min
Delta R.T.: 0.027 min
Response: 40732226
Conc: 177.47 ng/ml



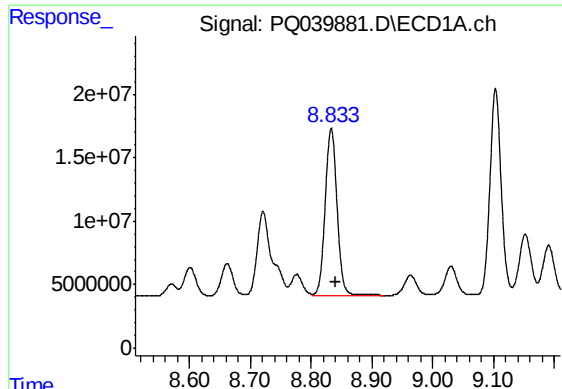
#30 AR-1254-5

R.T.: 9.402 min
Delta R.T.: -0.006 min
Response: 240497381
Conc: 800.27 ng/ml



#30 AR-1254-5

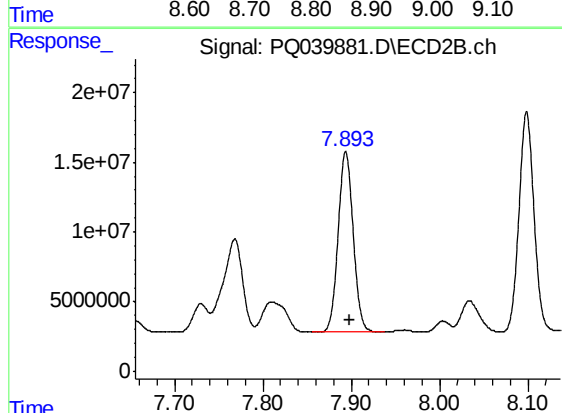
R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 199879627
Conc: 641.99 ng/ml



#31 AR-1260-1

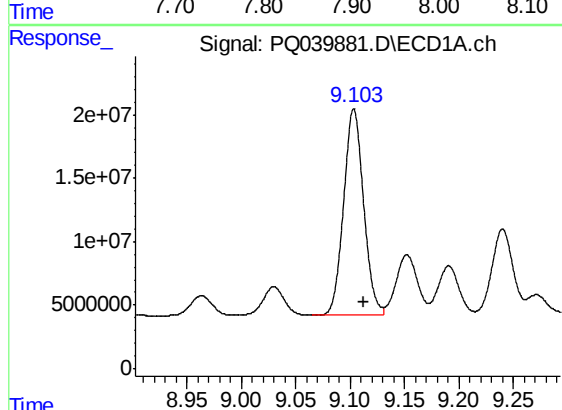
R.T.: 8.833 min
Delta R.T.: -0.008 min
Response: 178017135
Conc: 398.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



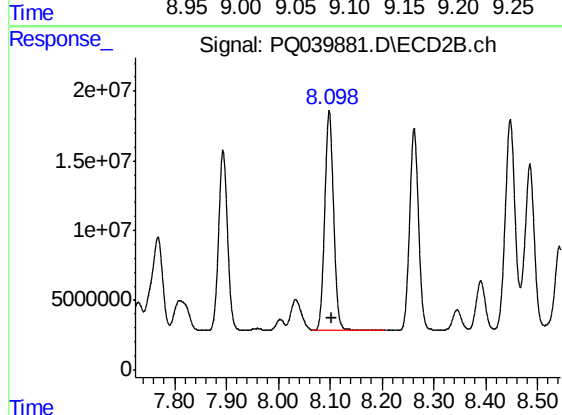
#31 AR-1260-1

R.T.: 7.894 min
Delta R.T.: -0.005 min
Response: 153776247
Conc: 417.44 ng/ml



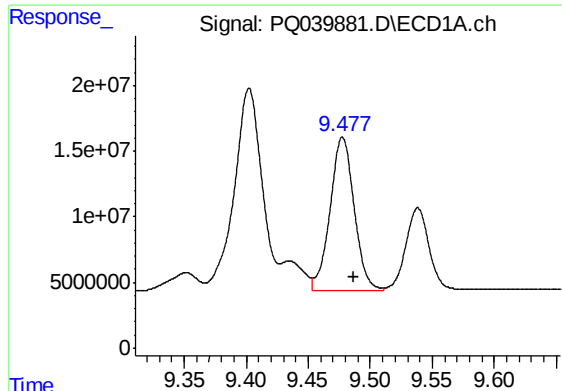
#32 AR-1260-2

R.T.: 9.103 min
Delta R.T.: -0.009 min
Response: 207130614
Conc: 385.40 ng/ml



#32 AR-1260-2

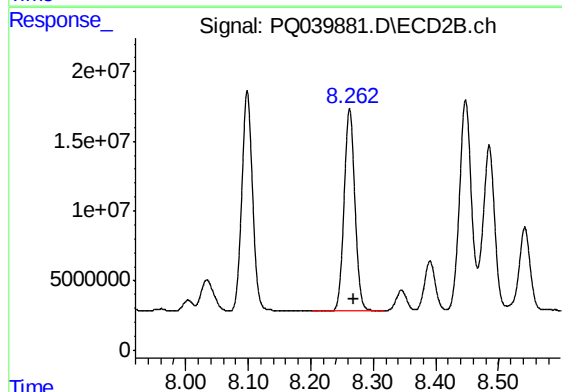
R.T.: 8.099 min
Delta R.T.: -0.005 min
Response: 187835946
Conc: 412.90 ng/ml



#33 AR-1260-3

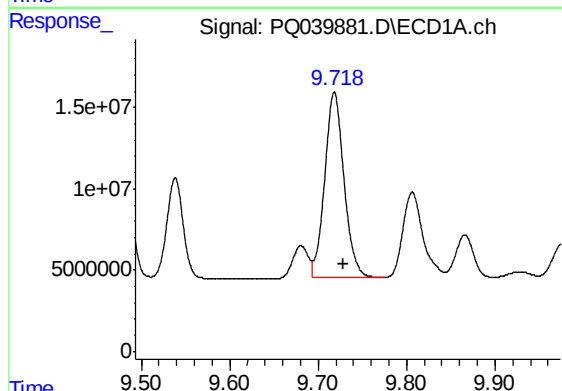
R.T.: 9.478 min
Delta R.T.: -0.009 min
Response: 157030627
Conc: 391.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



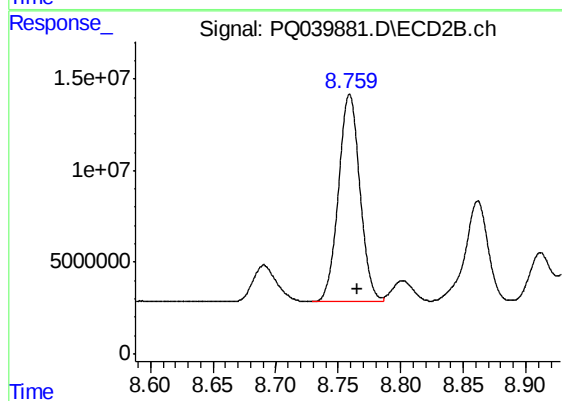
#33 AR-1260-3

R.T.: 8.262 min
Delta R.T.: -0.006 min
Response: 173534697
Conc: 413.12 ng/ml



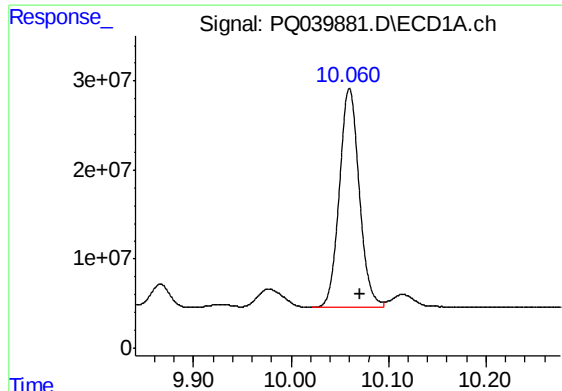
#34 AR-1260-4

R.T.: 9.718 min
Delta R.T.: -0.010 min
Response: 171453043
Conc: 372.78 ng/ml



#34 AR-1260-4

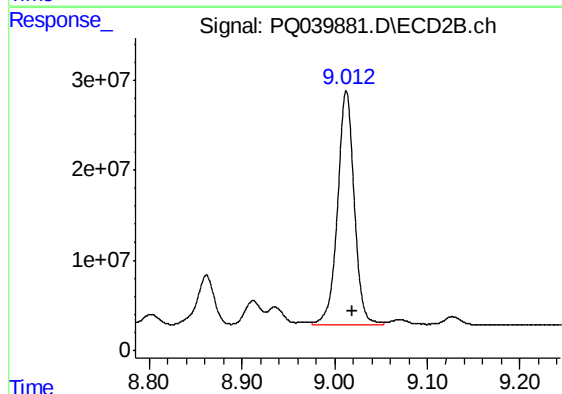
R.T.: 8.759 min
Delta R.T.: -0.006 min
Response: 135441165
Conc: 409.21 ng/ml



#35 AR-1260-5

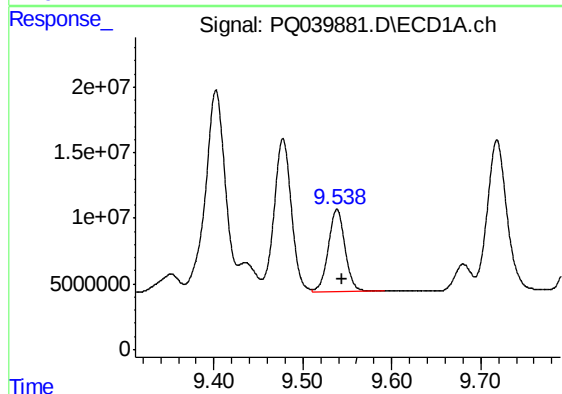
R.T.: 10.060 min
Delta R.T.: -0.011 min
Response: 347323477
Conc: 360.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



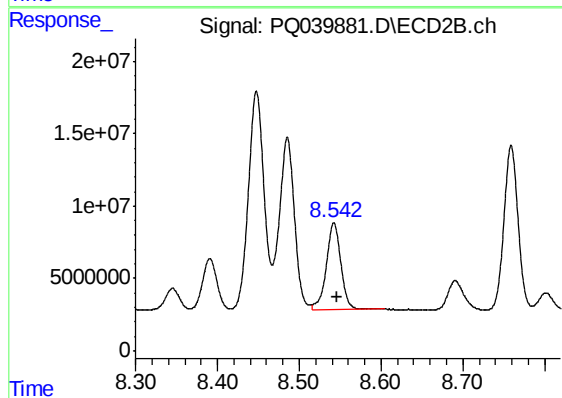
#35 AR-1260-5

R.T.: 9.013 min
Delta R.T.: -0.007 min
Response: 324083623
Conc: 395.09 ng/ml



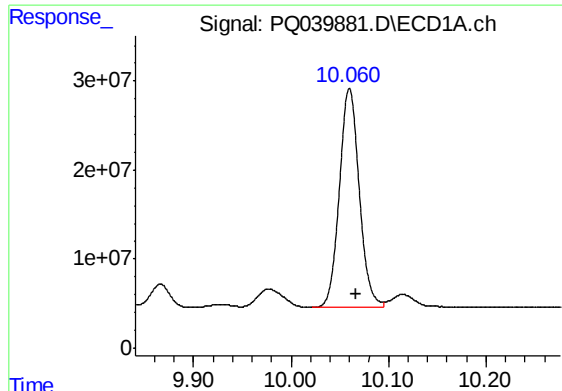
#36 AR-1262-1

R.T.: 9.538 min
Delta R.T.: -0.006 min
Response: 81065309
Conc: 528.33 ng/ml



#36 AR-1262-1

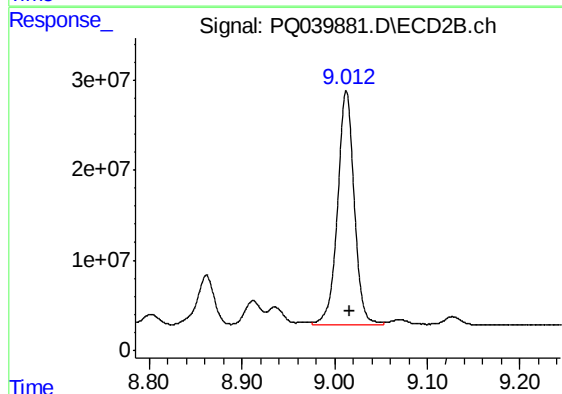
R.T.: 8.543 min
Delta R.T.: -0.004 min
Response: 73339303
Conc: 548.69 ng/ml



#37 AR-1262-2

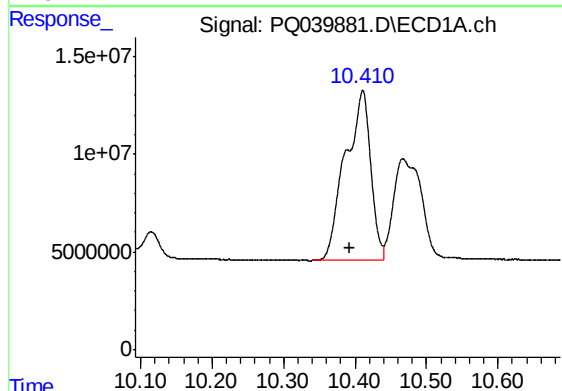
R.T.: 10.060 min
Delta R.T.: -0.006 min
Response: 347323477
Conc: 513.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



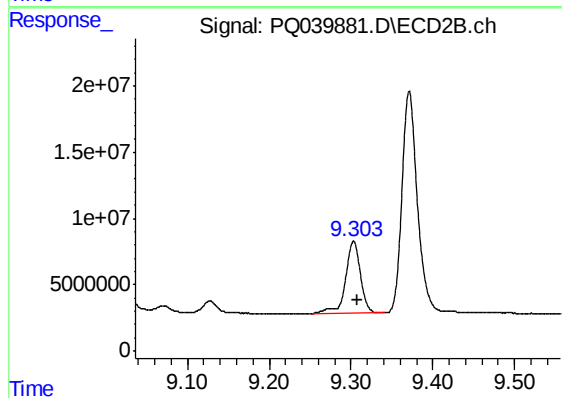
#37 AR-1262-2

R.T.: 9.013 min
Delta R.T.: -0.004 min
Response: 324083623
Conc: 540.99 ng/ml



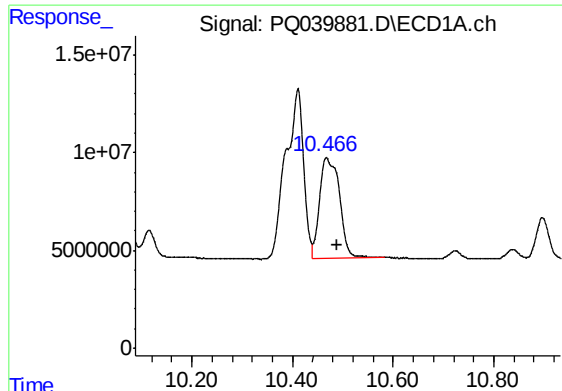
#38 AR-1262-3

R.T.: 10.411 min
Delta R.T.: 0.017 min
Response: 214007990
Conc: 465.96 ng/ml



#38 AR-1262-3

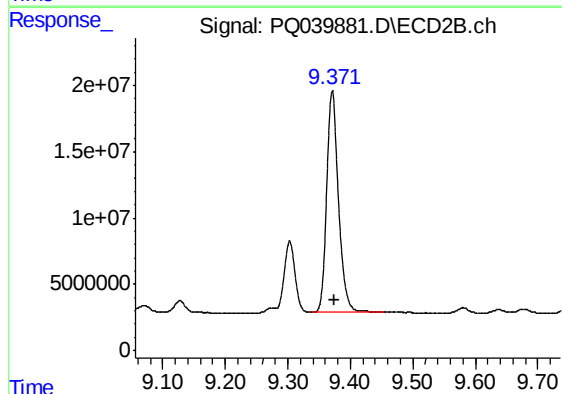
R.T.: 9.303 min
Delta R.T.: -0.005 min
Response: 68663323
Conc: 297.87 ng/ml



#39 AR-1262-4

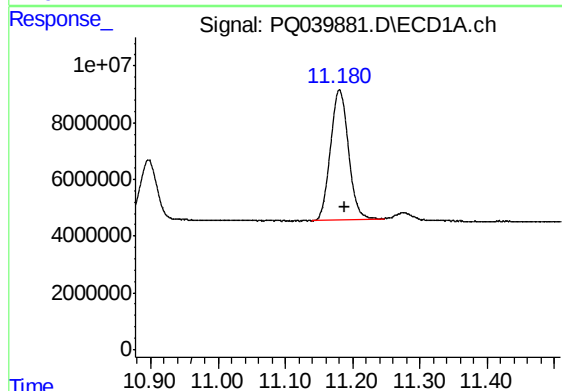
R.T.: 10.467 min
Delta R.T.: -0.021 min
Response: 141107223
Conc: 383.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



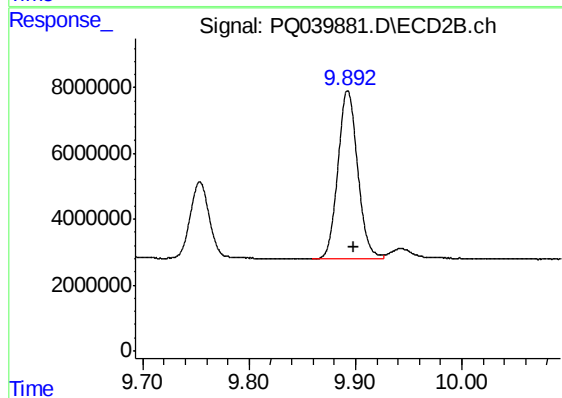
#39 AR-1262-4

R.T.: 9.372 min
Delta R.T.: -0.004 min
Response: 219366290
Conc: 515.96 ng/ml



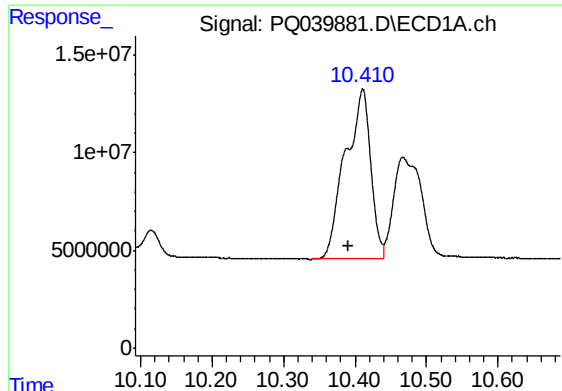
#40 AR-1262-5

R.T.: 11.180 min
Delta R.T.: -0.007 min
Response: 85476697
Conc: 355.56 ng/ml



#40 AR-1262-5

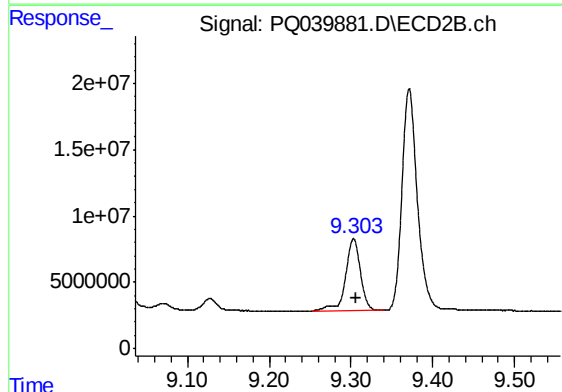
R.T.: 9.893 min
Delta R.T.: -0.006 min
Response: 66243859
Conc: 369.84 ng/ml



#41 AR-1268-1

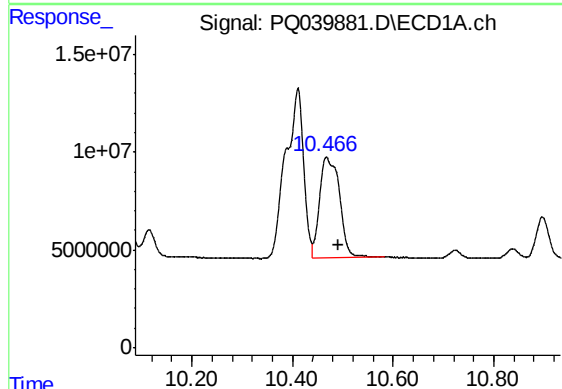
R.T.: 10.411 min
Delta R.T.: 0.020 min
Response: 214007990
Conc: 176.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



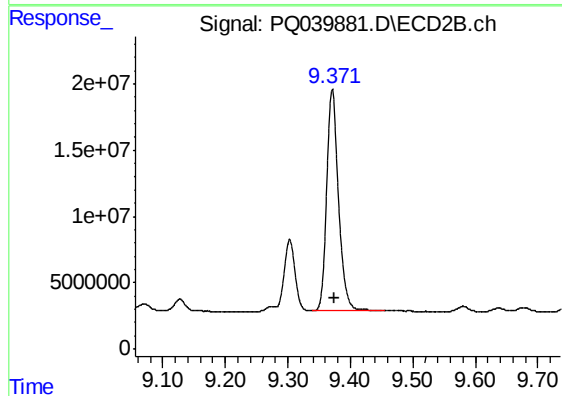
#41 AR-1268-1

R.T.: 9.303 min
Delta R.T.: -0.004 min
Response: 68663323
Conc: 66.37 ng/ml



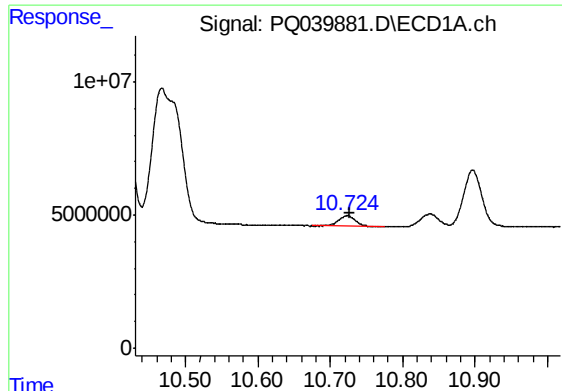
#42 AR-1268-2

R.T.: 10.467 min
Delta R.T.: -0.025 min
Response: 141107223
Conc: 122.60 ng/ml



#42 AR-1268-2

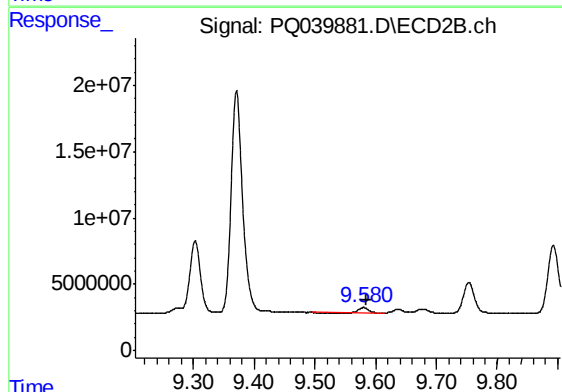
R.T.: 9.372 min
Delta R.T.: -0.003 min
Response: 219366290
Conc: 229.24 ng/ml



#43 AR-1268-3

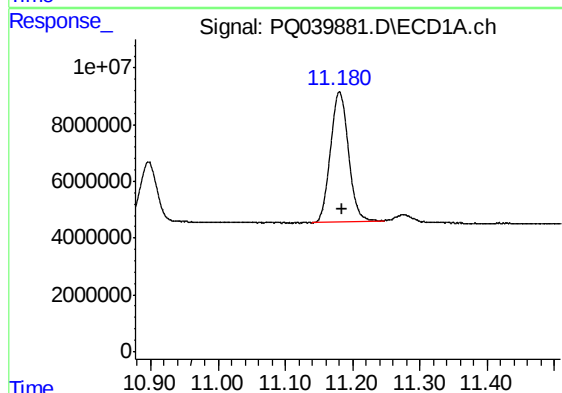
R.T.: 10.723 min
Delta R.T.: -0.004 min
Response: 6425640
Conc: 6.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



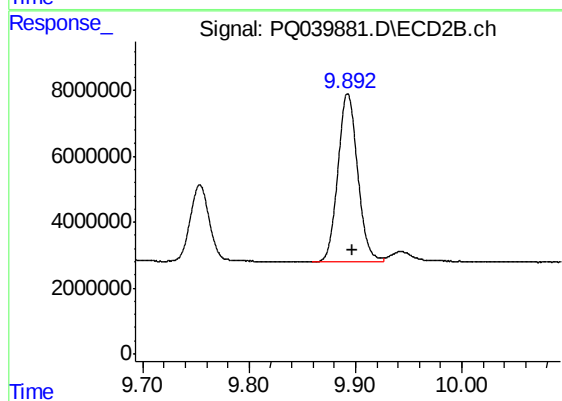
#43 AR-1268-3

R.T.: 9.580 min
Delta R.T.: -0.005 min
Response: 4685489
Conc: 5.83 ng/ml



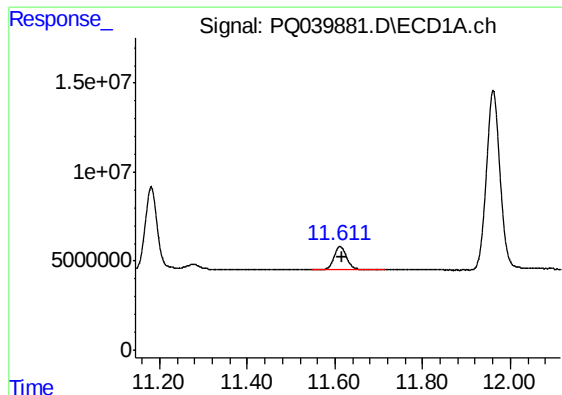
#44 AR-1268-4

R.T.: 11.180 min
Delta R.T.: -0.005 min
Response: 85476697
Conc: 226.17 ng/ml



#44 AR-1268-4

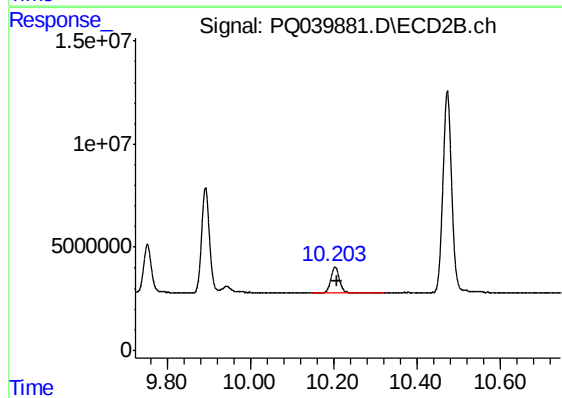
R.T.: 9.893 min
Delta R.T.: -0.005 min
Response: 66243859
Conc: 220.84 ng/ml



#45 AR-1268-5

R.T.: 11.611 min
Delta R.T.: -0.005 min
Response: 26739717
Conc: 8.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



#45 AR-1268-5

R.T.: 10.204 min
Delta R.T.: -0.006 min
Response: 18370635
Conc: 7.47 ng/ml