

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050419\
 Data File : PQ039363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2019 07:35
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660305

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 22:30:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 02 08:13:50 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...	5.695	4.791	73500601	39133599	24.258	23.613
2)	SA Decachlor...	12.089	10.545	270.2E6	135.6E6	44.227	40.205
Target Compounds							
3)	L1 AR-1016-1	7.142	6.241	81859877	52722989	467.172	473.695
4)	L1 AR-1016-2	7.167	6.263	119.5E6	74915941	454.454	464.964
5)	L1 AR-1016-3	7.238	6.478	77052464	40321215	462.931	482.354
6)	L1 AR-1016-4	7.351	6.531	62903894	32069886	459.243	480.801
7)	L1 AR-1016-5	7.685	6.784	63972814	44496013	459.187	454.769
8)	L2 AR-1221-1	5.969	5.095	6428245	4283473	162.339	188.139
9)	L2 AR-1221-2	6.085	5.213	9266448	4781180	321.192	291.518
10)	L2 AR-1221-3	6.181	5.317	38182765	22148179	381.870	389.004
11)	L3 AR-1232-1	6.181	5.317	38182765	22148179	570.294	595.439
12)	L3 AR-1232-2	6.825	6.263	56279873	74915941	1595.427	1729.464
13)	L3 AR-1232-3	7.167	6.478	119.5E6	40321215	1628.187	1805.325
14)	L3 AR-1232-4	7.351	6.580	62903894	40629988	1610.771	1857.106
15)	L3 AR-1232-5	7.456	6.784	50208159	44496013	1789.190	1766.111
16)	L4 AR-1242-1	7.142	6.241	81859877	52722989	742.095	759.683
17)	L4 AR-1242-2	7.167	6.263	119.5E6	74915941	726.558	750.853
18)	L4 AR-1242-3	7.238	6.478	77052464	40321215	730.147	750.992
19)	L4 AR-1242-4	7.351	6.580	62903894	40629988	705.715	728.706
20)	L4 AR-1242-5	8.174	7.192	19845262	46301478	203.238	611.407 #
21)	L5 AR-1248-1	7.142	6.241	81859877	52722989	696.341	677.628
22)	L5 AR-1248-2	7.456	6.531	50208159	32069886	306.471	297.170
23)	L5 AR-1248-3	7.685	6.580	63972814	40629988	328.338	358.753
24)	L5 AR-1248-4	8.132	6.784	22431249	44496013	103.888	315.430 #
25)	L5 AR-1248-5	8.174	7.238	19845262	10851020	93.221	76.926
26)	L6 AR-1254-1	8.102	7.192	59783293	46301478	296.839	233.911
27)	L6 AR-1254-2	8.339	7.359	53963594	34502858	169.518	195.634
28)	L6 AR-1254-3	8.735	7.823	26994837	69905204	79.209	234.201 #
29)	L6 AR-1254-4	9.036	8.056	18099635	6195924	76.477	35.701 #
30)	L6 AR-1254-5	9.476	8.501	213.9E6	152.2E6	784.663	593.315
31)	L7 AR-1260-1	8.906	7.948	144.4E6	107.3E6	438.716	454.376
32)	L7 AR-1260-2	9.176	8.151	177.2E6	136.1E6	448.026	460.080
33)	L7 AR-1260-3	9.552	8.316	137.1E6	126.7E6	445.926	454.756
34)	L7 AR-1260-4	9.795	8.814	162.0E6	106.7E6	446.946	449.649
35)	L7 AR-1260-5	10.142	9.066	345.0E6	270.2E6	453.131	451.697
36)	L8 AR-1262-1	9.552	8.540	137.1E6	112.7E6	400.240	408.003
37)	L8 AR-1262-2	10.142	9.066	345.0E6	270.2E6	565.283	552.108
38)	L8 AR-1262-3	10.497	9.358	223.4E6	54677100	530.453	293.449 #
39)	L8 AR-1262-4	10.555	9.426	139.0E6	195.8E6	407.033	544.096 #
40)	L8 AR-1262-5	11.285	9.952	105.2E6	64626392	468.023	427.003
41)	L9 AR-1268-1	10.497	9.358	223.4E6	54677100	160.609	51.978 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050419\
 Data File : PQ039363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2019 07:35
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

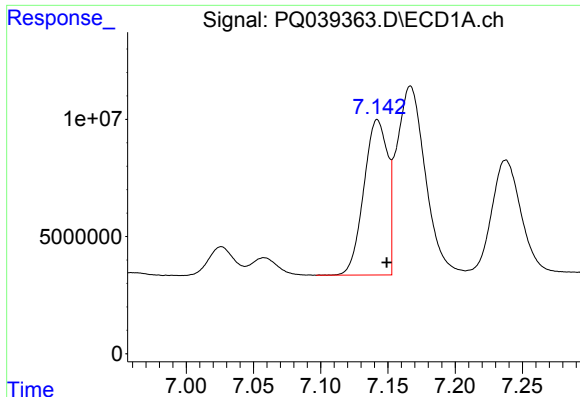
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660305

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 22:30:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	10.555	9.426	139.0E6	195.8E6	103.474	201.788 #
43) L9	AR-1268-3	10.821	9.638	5367105	2896565	4.622	3.513
44) L9	AR-1268-4	11.285	9.952	105.2E6	64626392	245.730	216.048
45) L9	AR-1268-5	11.729	10.269	29801616	16007350	7.813	6.450

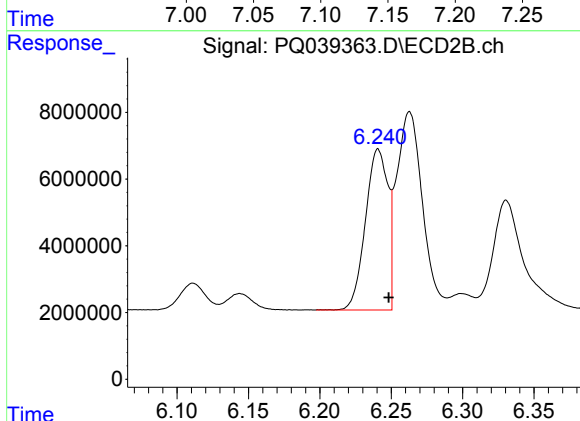
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

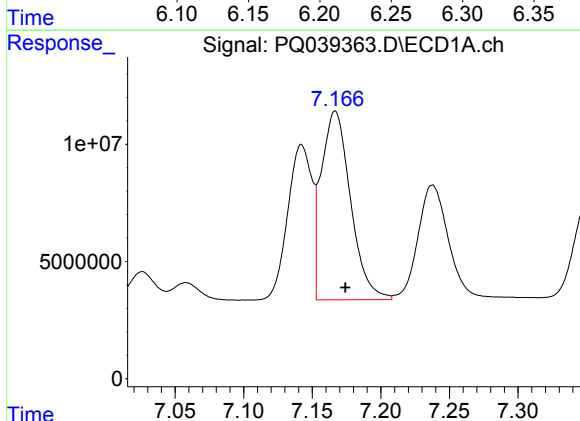
R.T.: 7.142 min
Delta R.T.: -0.007 min
Response: 81859877
Conc: 467.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



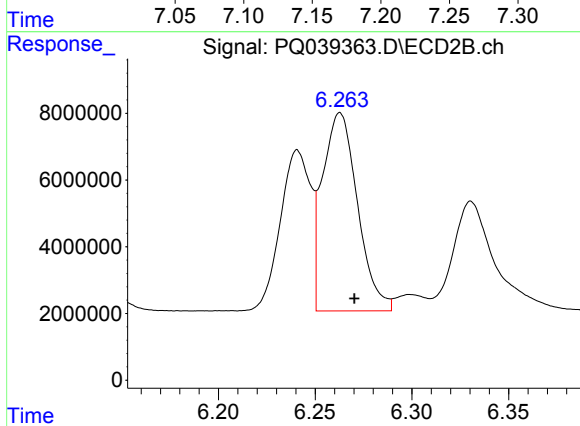
#3 AR-1016-1

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 52722989
Conc: 473.69 ng/ml



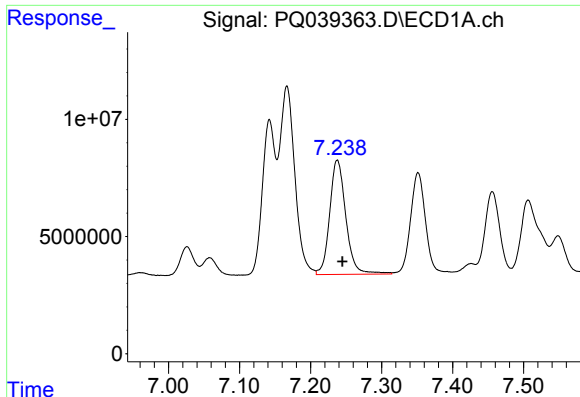
#4 AR-1016-2

R.T.: 7.167 min
Delta R.T.: -0.007 min
Response: 119539304
Conc: 454.45 ng/ml



#4 AR-1016-2

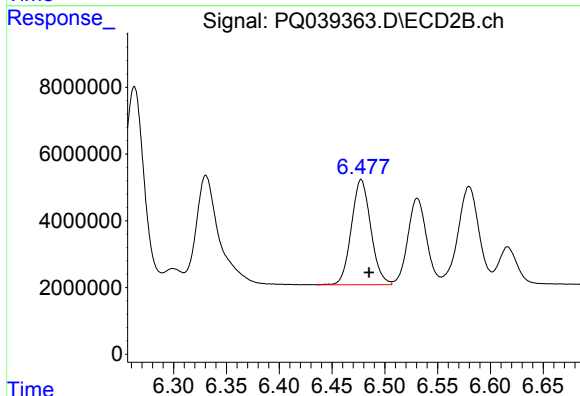
R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 74915941
Conc: 464.96 ng/ml



#5 AR-1016-3

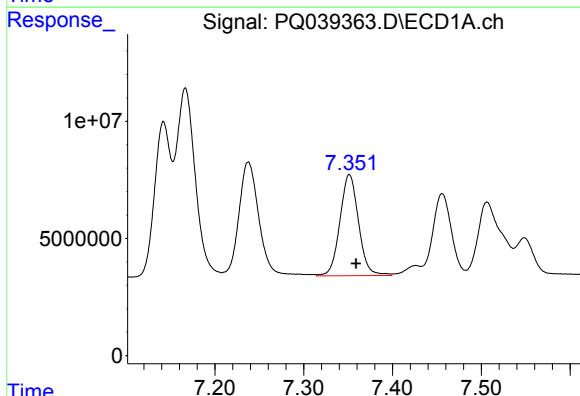
R.T.: 7.238 min
Delta R.T.: -0.007 min
Response: 77052464
Conc: 462.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



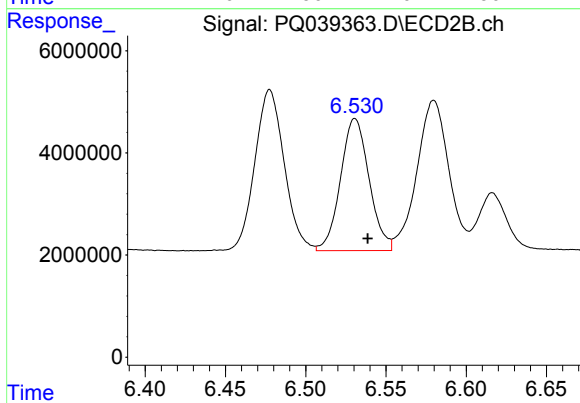
#5 AR-1016-3

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 40321215
Conc: 482.35 ng/ml



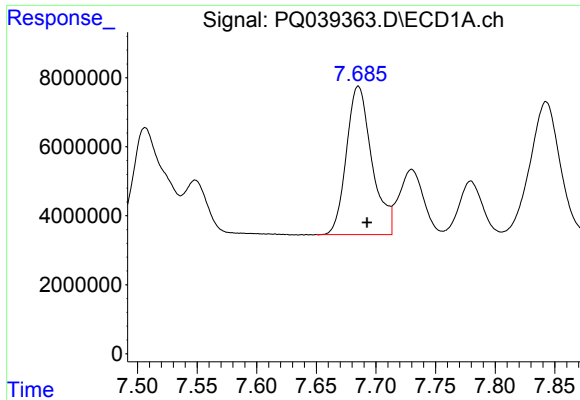
#6 AR-1016-4

R.T.: 7.351 min
Delta R.T.: -0.008 min
Response: 62903894
Conc: 459.24 ng/ml



#6 AR-1016-4

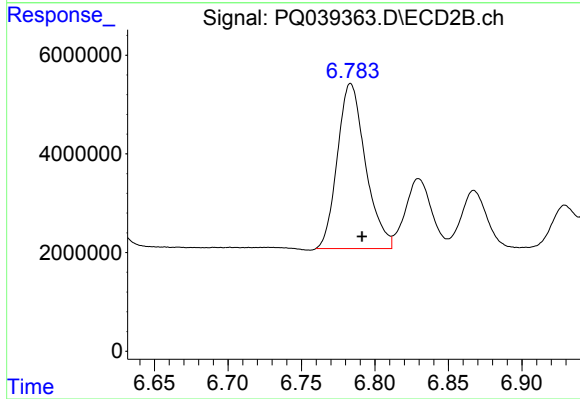
R.T.: 6.531 min
Delta R.T.: -0.008 min
Response: 32069886
Conc: 480.80 ng/ml



#7 AR-1016-5

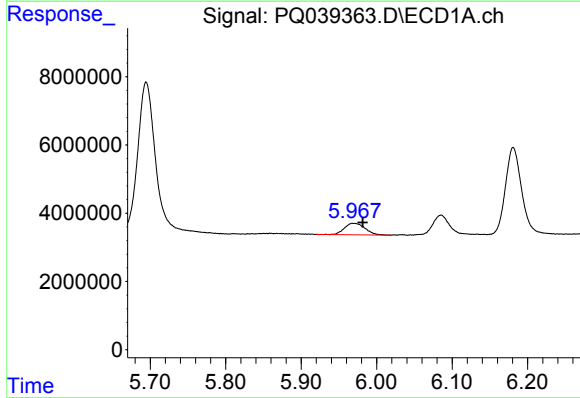
R.T.: 7.685 min
Delta R.T.: -0.007 min
Response: 63972814
Conc: 459.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



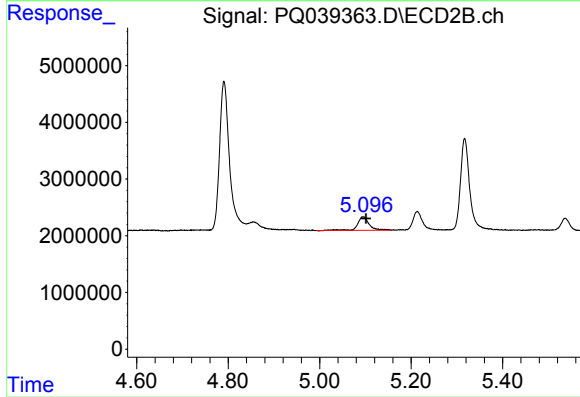
#7 AR-1016-5

R.T.: 6.784 min
Delta R.T.: -0.008 min
Response: 44496013
Conc: 454.77 ng/ml



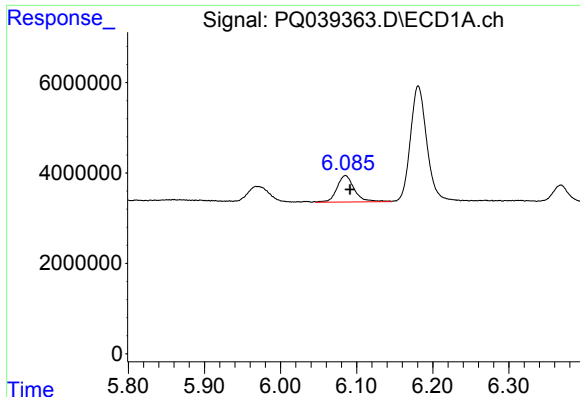
#8 AR-1221-1

R.T.: 5.969 min
Delta R.T.: -0.013 min
Response: 6428245
Conc: 162.34 ng/ml



#8 AR-1221-1

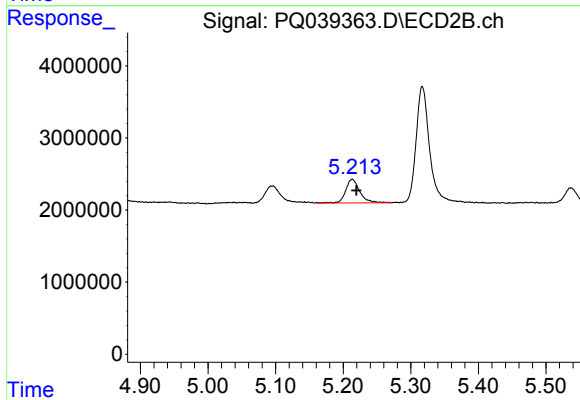
R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 4283473
Conc: 188.14 ng/ml



#9 AR-1221-2

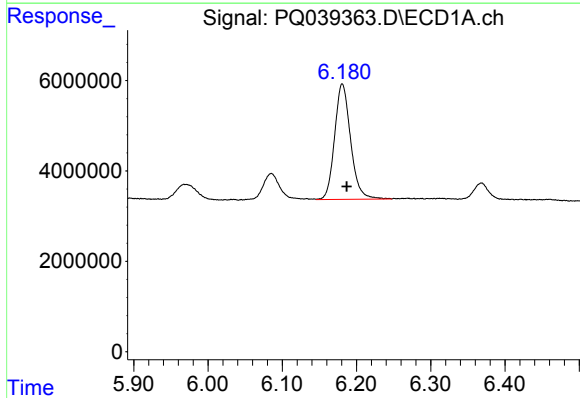
R.T.: 6.085 min
Delta R.T.: -0.006 min
Response: 9266448
Conc: 321.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



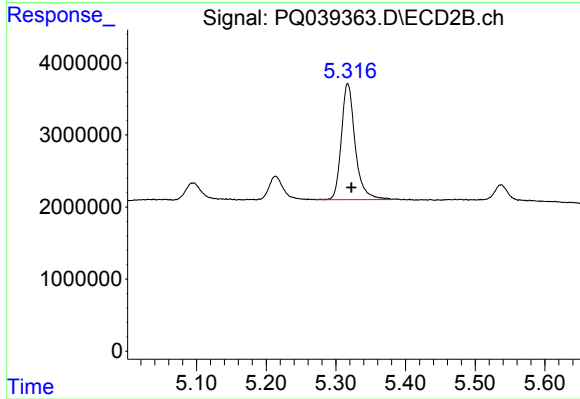
#9 AR-1221-2

R.T.: 5.213 min
Delta R.T.: -0.006 min
Response: 4781180
Conc: 291.52 ng/ml



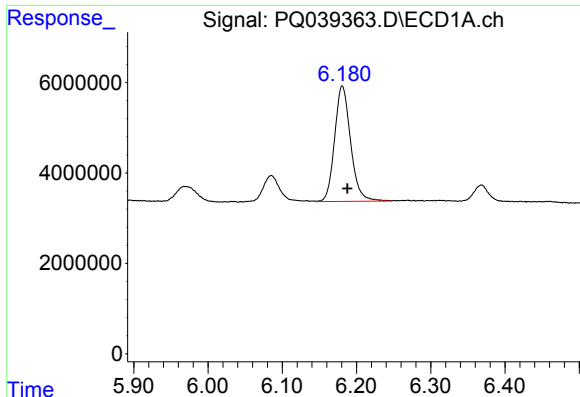
#10 AR-1221-3

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 38182765
Conc: 381.87 ng/ml



#10 AR-1221-3

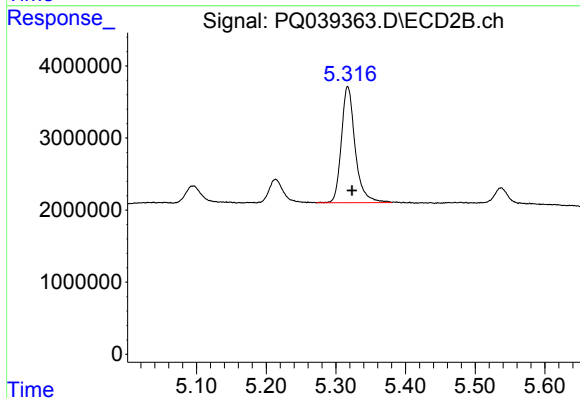
R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 22148179
Conc: 389.00 ng/ml



#11 AR-1232-1

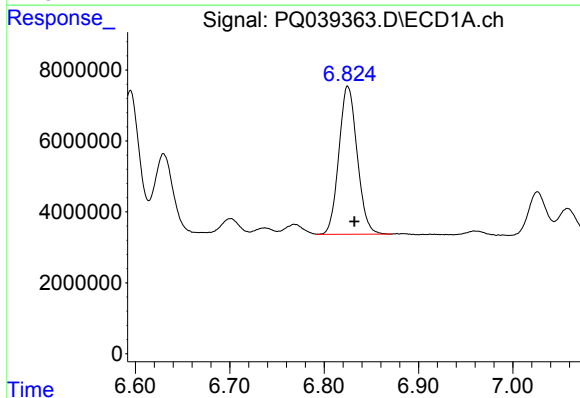
R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 38182765
Conc: 570.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



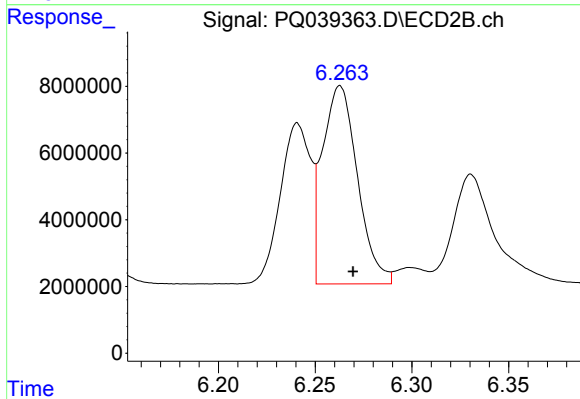
#11 AR-1232-1

R.T.: 5.317 min
Delta R.T.: -0.006 min
Response: 22148179
Conc: 595.44 ng/ml



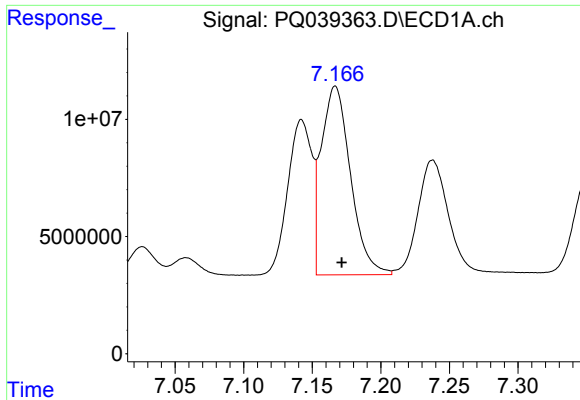
#12 AR-1232-2

R.T.: 6.825 min
Delta R.T.: -0.007 min
Response: 56279873
Conc: 1595.43 ng/ml



#12 AR-1232-2

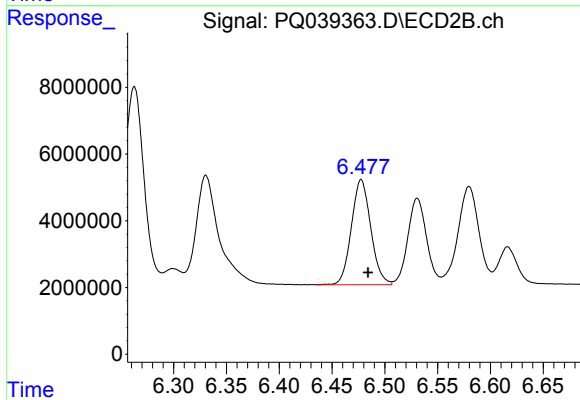
R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 74915941
Conc: 1729.46 ng/ml



#13 AR-1232-3

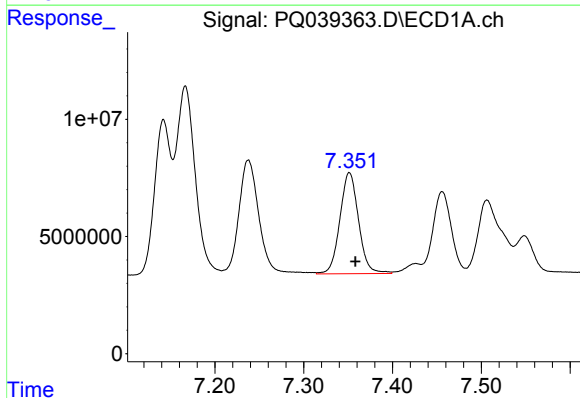
R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 119539304
Conc: 1628.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



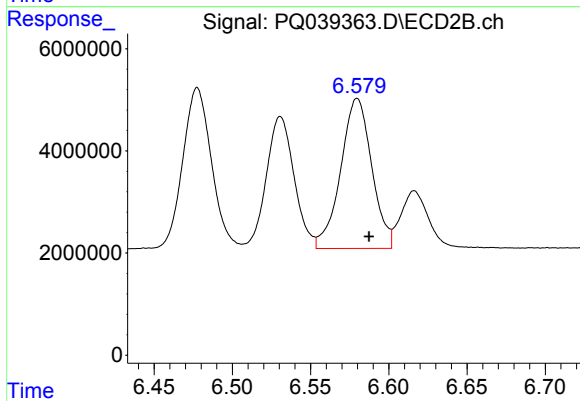
#13 AR-1232-3

R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 40321215
Conc: 1805.33 ng/ml



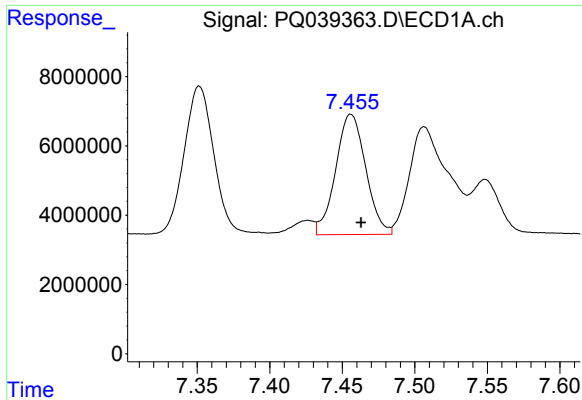
#14 AR-1232-4

R.T.: 7.351 min
Delta R.T.: -0.007 min
Response: 62903894
Conc: 1610.77 ng/ml



#14 AR-1232-4

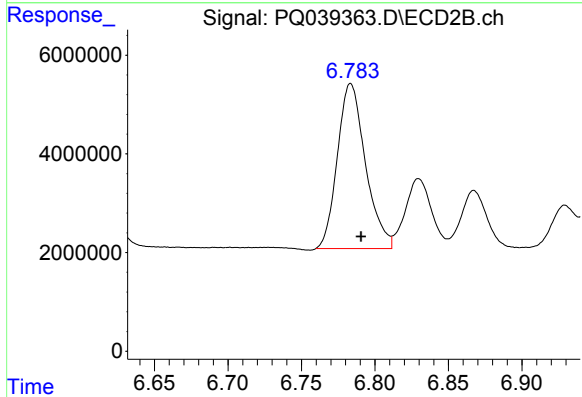
R.T.: 6.580 min
Delta R.T.: -0.008 min
Response: 40629988
Conc: 1857.11 ng/ml



#15 AR-1232-5

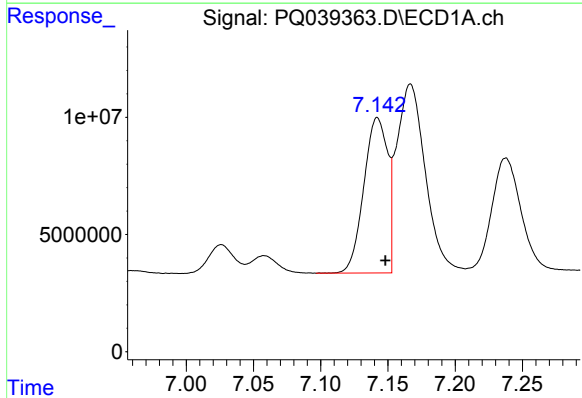
R.T.: 7.456 min
Delta R.T.: -0.007 min
Response: 50208159
Conc: 1789.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



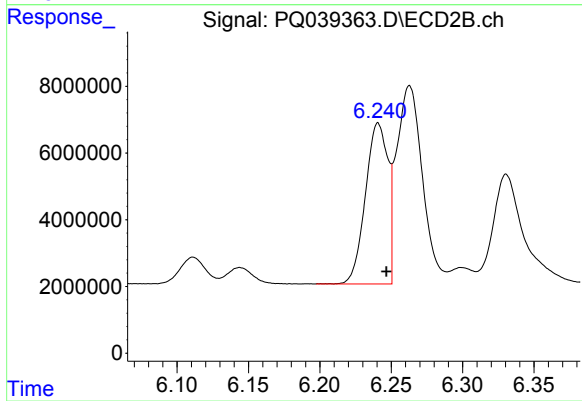
#15 AR-1232-5

R.T.: 6.784 min
Delta R.T.: -0.007 min
Response: 44496013
Conc: 1766.11 ng/ml



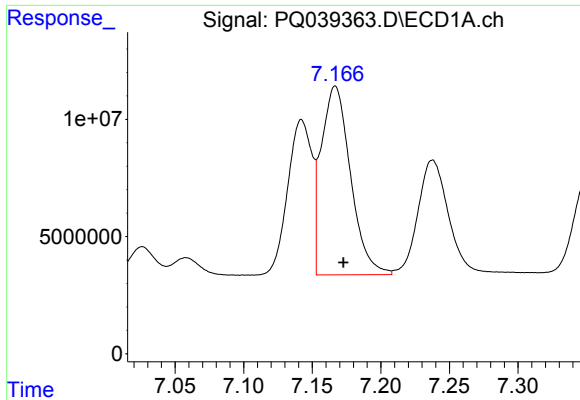
#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 81859877
Conc: 742.10 ng/ml



#16 AR-1242-1

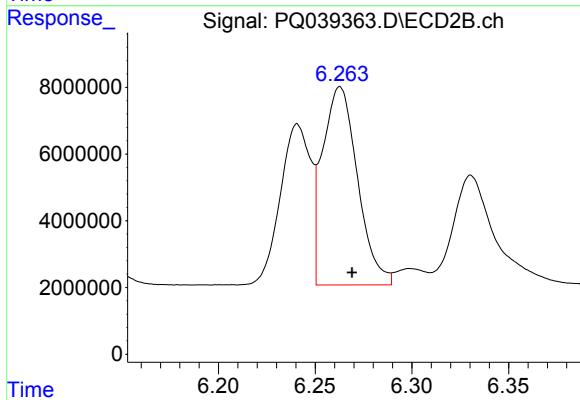
R.T.: 6.241 min
Delta R.T.: -0.006 min
Response: 52722989
Conc: 759.68 ng/ml



#17 AR-1242-2

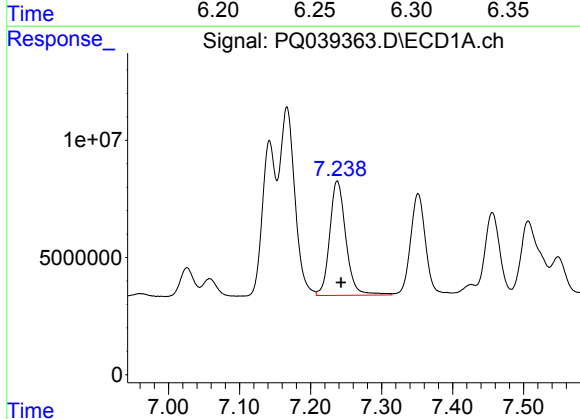
R.T.: 7.167 min
Delta R.T.: -0.006 min
Response: 119539304
Conc: 726.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



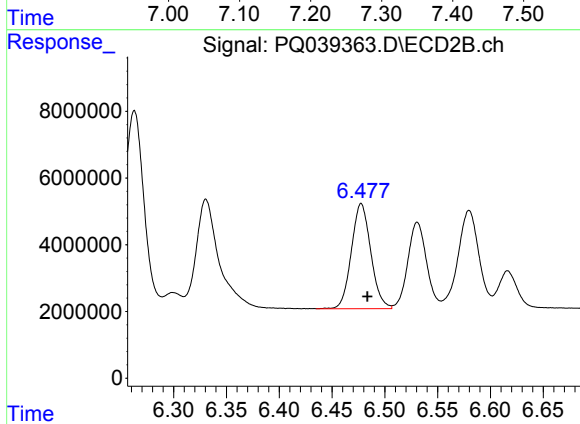
#17 AR-1242-2

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 74915941
Conc: 750.85 ng/ml



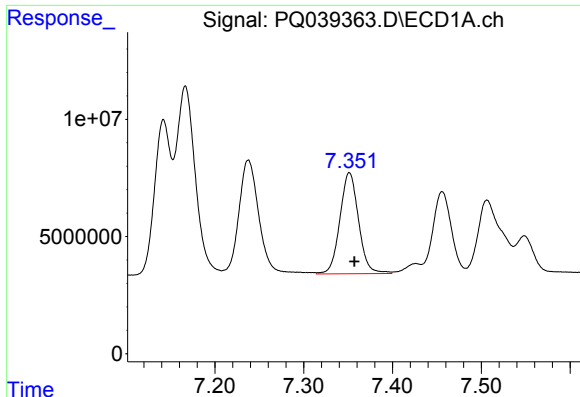
#18 AR-1242-3

R.T.: 7.238 min
Delta R.T.: -0.005 min
Response: 77052464
Conc: 730.15 ng/ml



#18 AR-1242-3

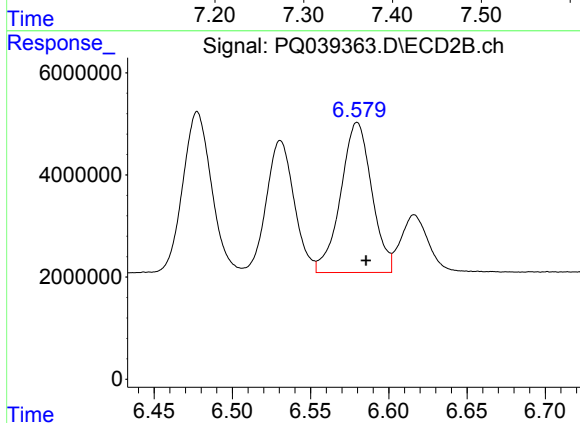
R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 40321215
Conc: 750.99 ng/ml



#19 AR-1242-4

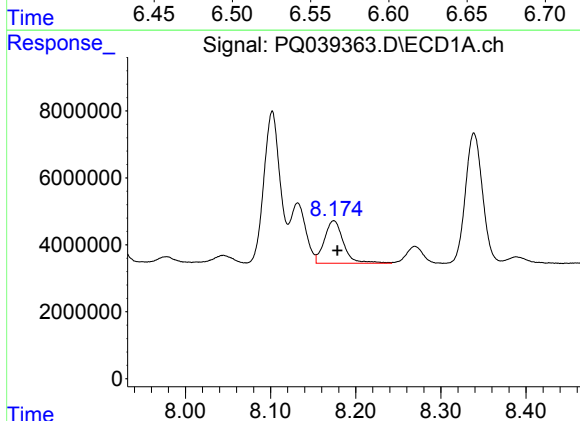
R.T.: 7.351 min
Delta R.T.: -0.006 min
Response: 62903894
Conc: 705.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



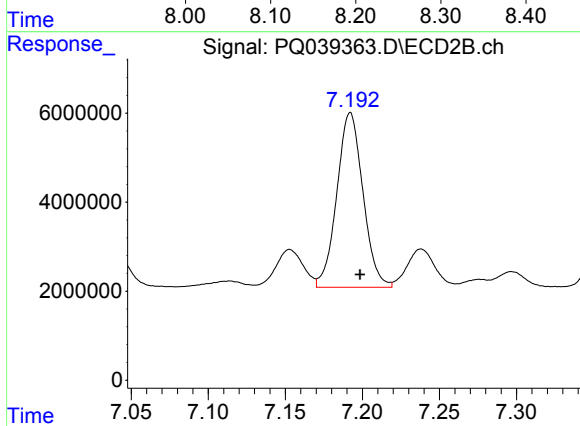
#19 AR-1242-4

R.T.: 6.580 min
Delta R.T.: -0.006 min
Response: 40629988
Conc: 728.71 ng/ml



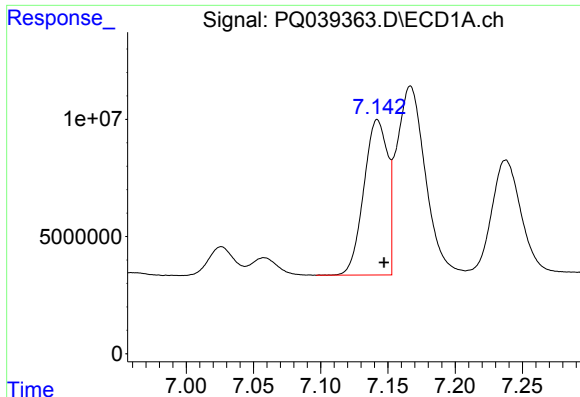
#20 AR-1242-5

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 19845262
Conc: 203.24 ng/ml



#20 AR-1242-5

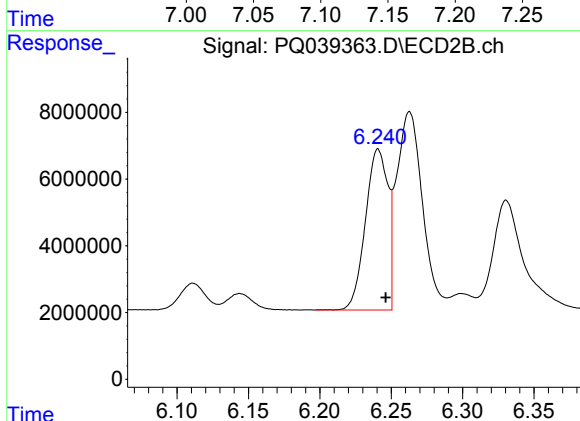
R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 46301478
Conc: 611.41 ng/ml



#21 AR-1248-1

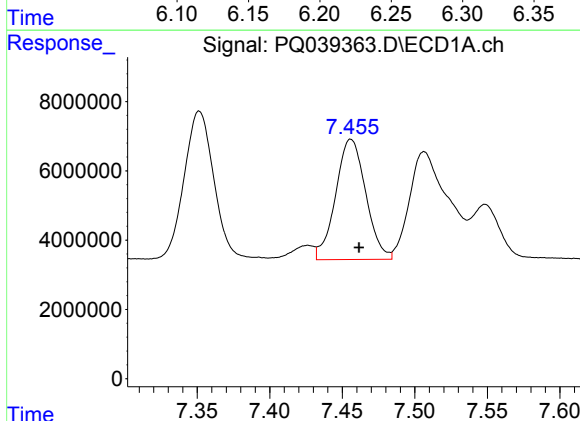
R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 81859877
Conc: 696.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



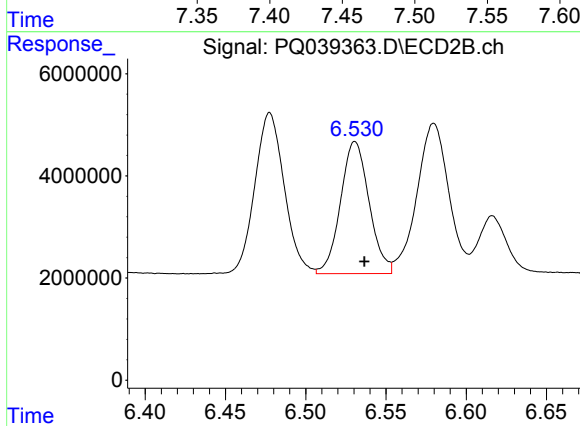
#21 AR-1248-1

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 52722989
Conc: 677.63 ng/ml



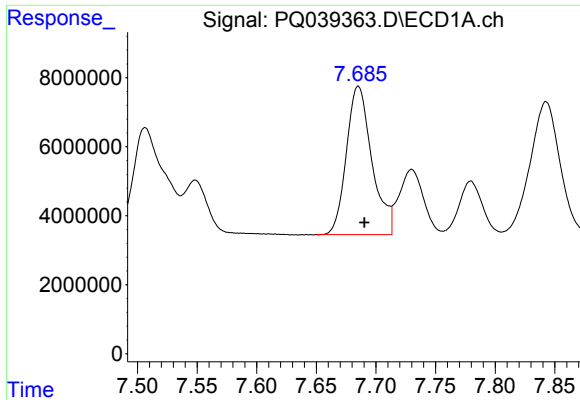
#22 AR-1248-2

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 50208159
Conc: 306.47 ng/ml



#22 AR-1248-2

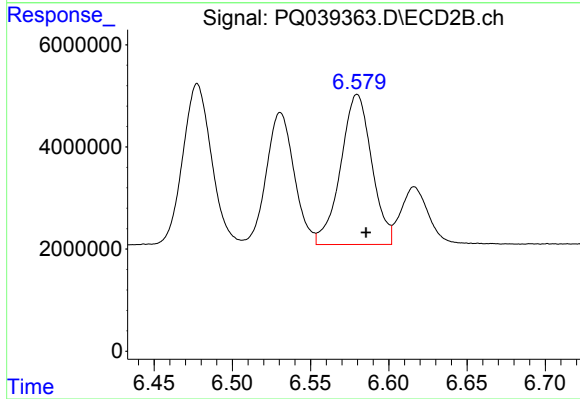
R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 32069886
Conc: 297.17 ng/ml



#23 AR-1248-3

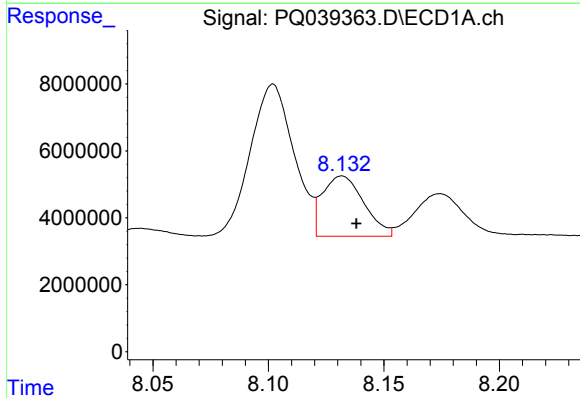
R.T.: 7.685 min
Delta R.T.: -0.005 min
Response: 63972814
Conc: 328.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



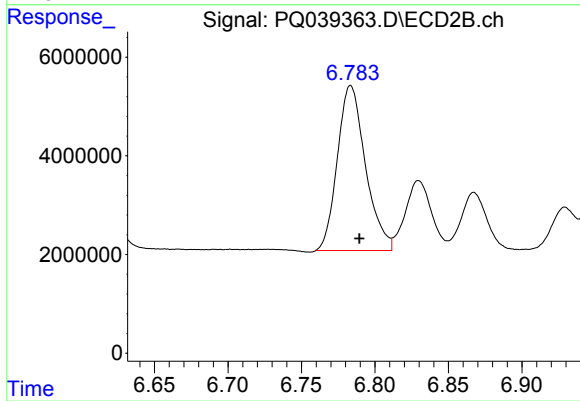
#23 AR-1248-3

R.T.: 6.580 min
Delta R.T.: -0.006 min
Response: 40629988
Conc: 358.75 ng/ml



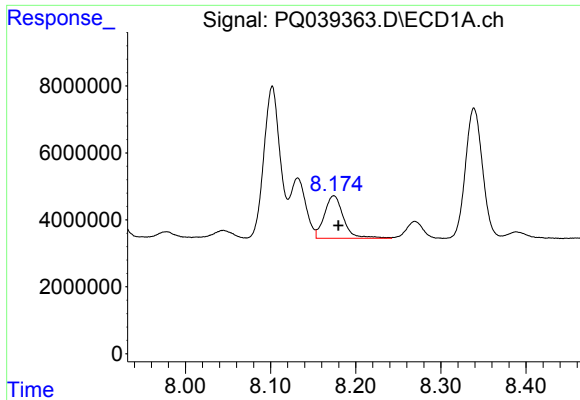
#24 AR-1248-4

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 22431249
Conc: 103.89 ng/ml



#24 AR-1248-4

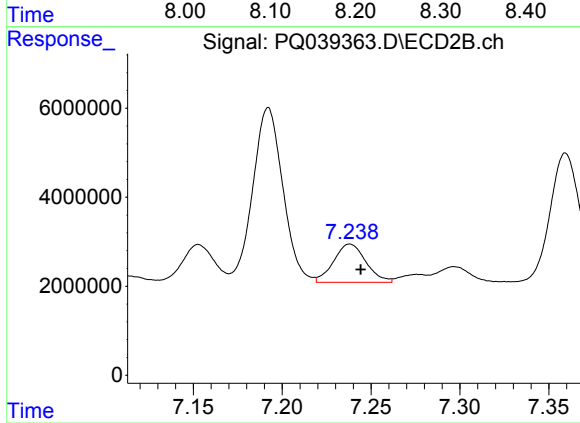
R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 44496013
Conc: 315.43 ng/ml



#25 AR-1248-5

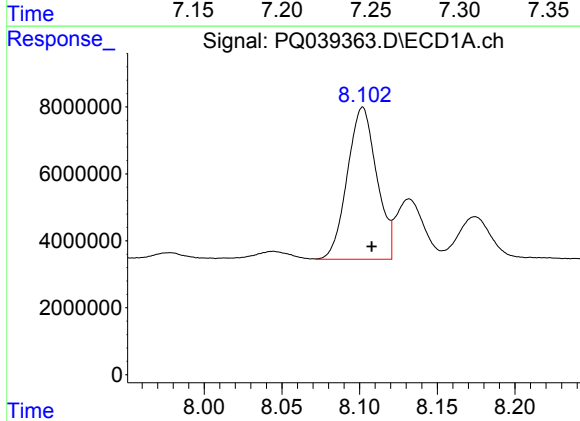
R.T.: 8.174 min
Delta R.T.: -0.005 min
Response: 19845262
Conc: 93.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



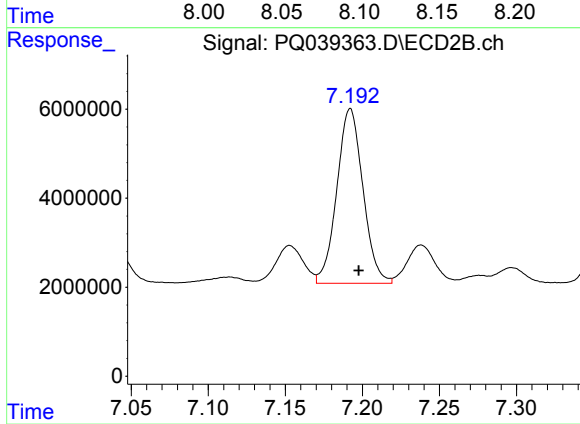
#25 AR-1248-5

R.T.: 7.238 min
Delta R.T.: -0.006 min
Response: 10851020
Conc: 76.93 ng/ml



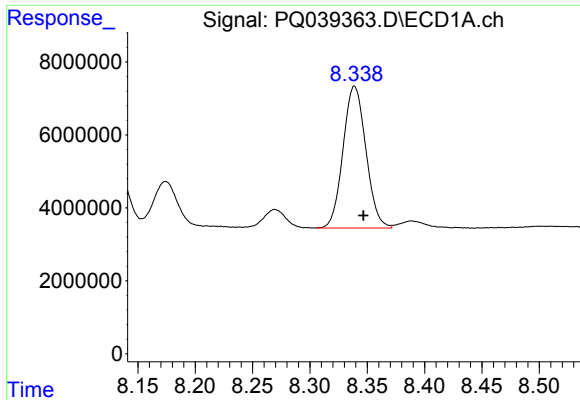
#26 AR-1254-1

R.T.: 8.102 min
Delta R.T.: -0.006 min
Response: 59783293
Conc: 296.84 ng/ml



#26 AR-1254-1

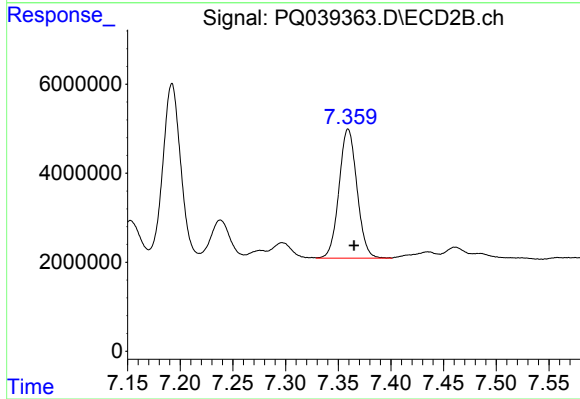
R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 46301478
Conc: 233.91 ng/ml



#27 AR-1254-2

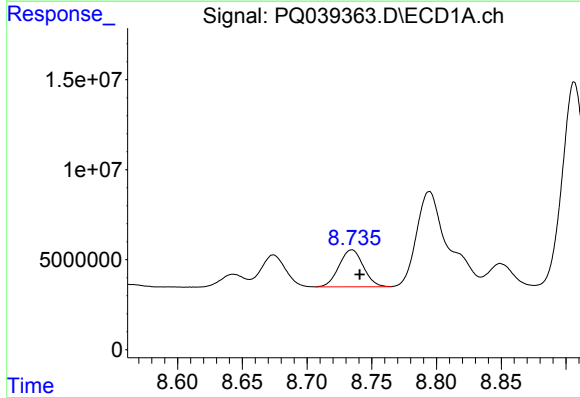
R.T.: 8.339 min
Delta R.T.: -0.008 min
Response: 53963594
Conc: 169.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



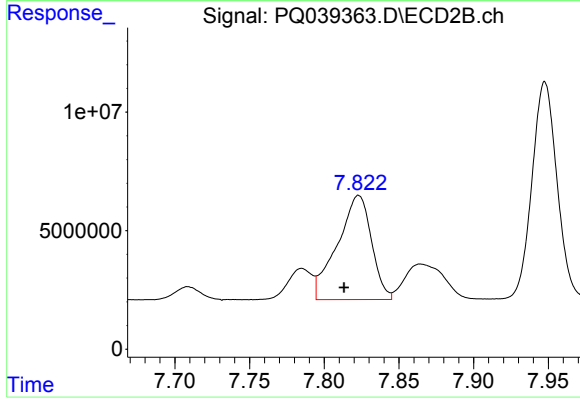
#27 AR-1254-2

R.T.: 7.359 min
Delta R.T.: -0.006 min
Response: 34502858
Conc: 195.63 ng/ml



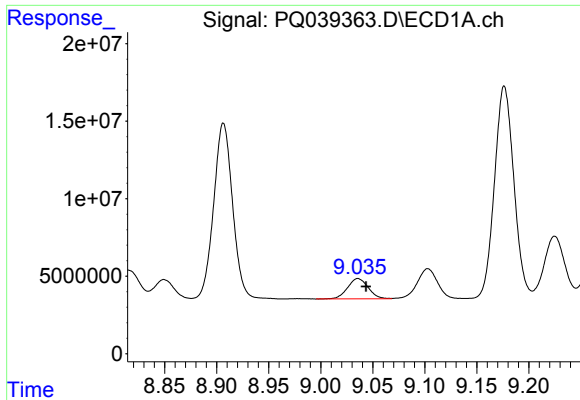
#28 AR-1254-3

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 26994837
Conc: 79.21 ng/ml



#28 AR-1254-3

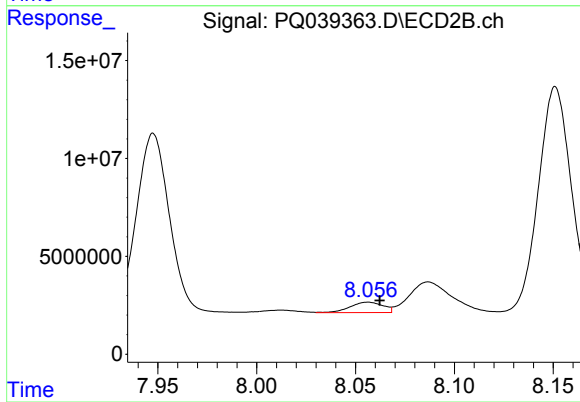
R.T.: 7.823 min
Delta R.T.: 0.010 min
Response: 69905204
Conc: 234.20 ng/ml



#29 AR-1254-4

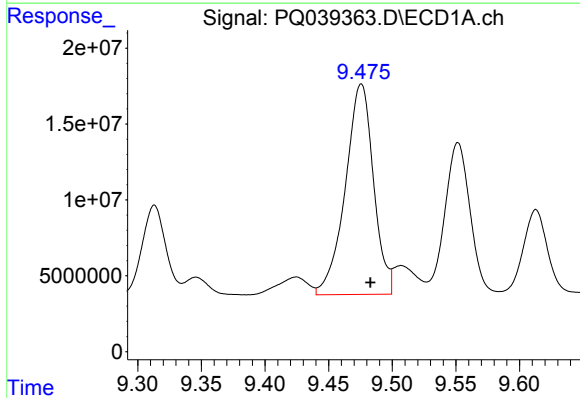
R.T.: 9.036 min
Delta R.T.: -0.008 min
Response: 18099635
Conc: 76.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



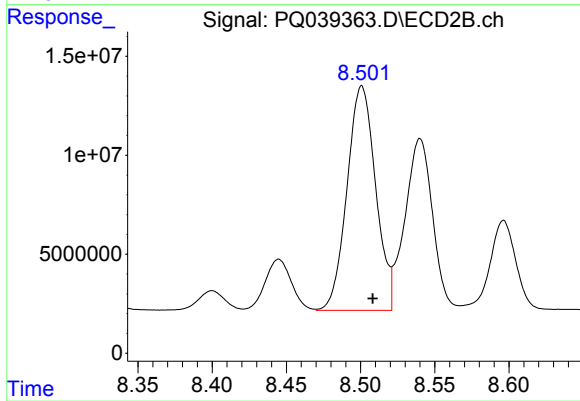
#29 AR-1254-4

R.T.: 8.056 min
Delta R.T.: -0.006 min
Response: 6195924
Conc: 35.70 ng/ml



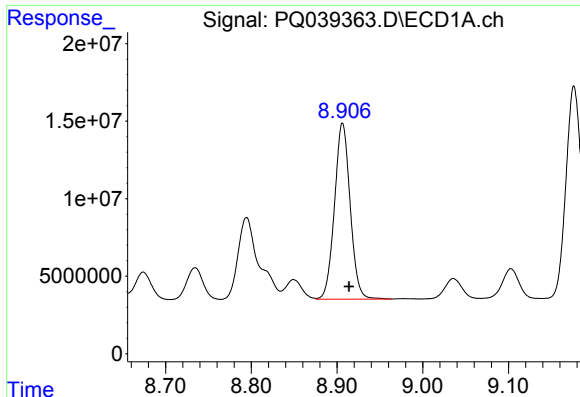
#30 AR-1254-5

R.T.: 9.476 min
Delta R.T.: -0.007 min
Response: 213915313
Conc: 784.66 ng/ml



#30 AR-1254-5

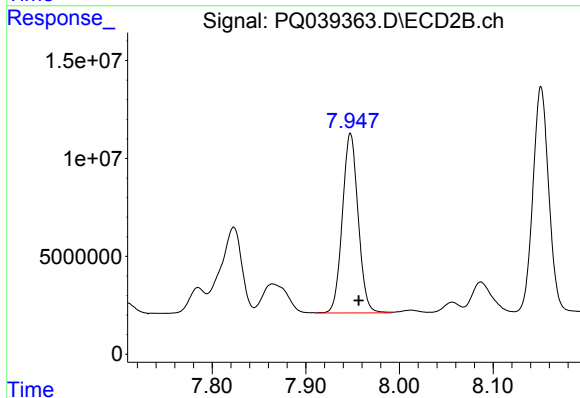
R.T.: 8.501 min
Delta R.T.: -0.007 min
Response: 152196295
Conc: 593.31 ng/ml



#31 AR-1260-1

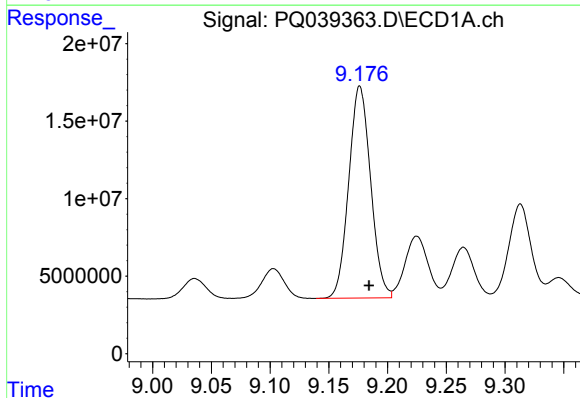
R.T.: 8.906 min
Delta R.T.: -0.008 min
Response: 144392719
Conc: 438.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



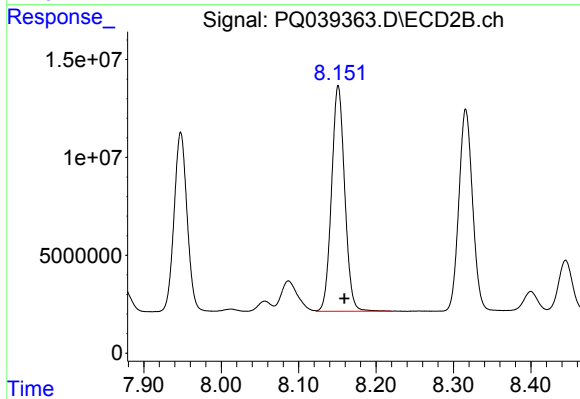
#31 AR-1260-1

R.T.: 7.948 min
Delta R.T.: -0.009 min
Response: 107341919
Conc: 454.38 ng/ml



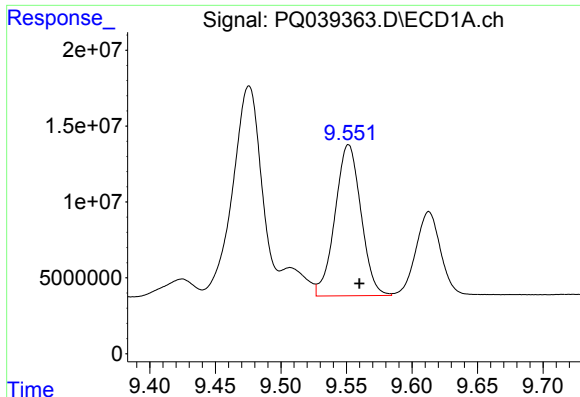
#32 AR-1260-2

R.T.: 9.176 min
Delta R.T.: -0.008 min
Response: 177242103
Conc: 448.03 ng/ml



#32 AR-1260-2

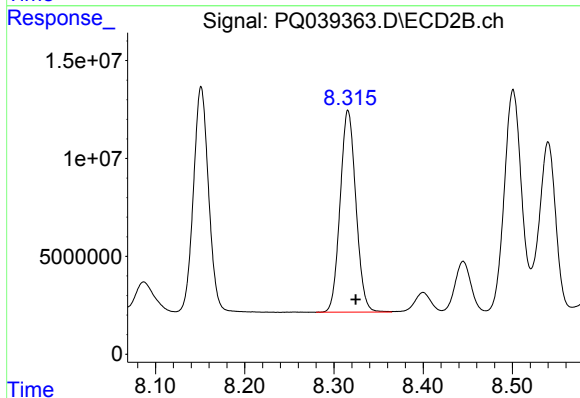
R.T.: 8.151 min
Delta R.T.: -0.008 min
Response: 136057974
Conc: 460.08 ng/ml



#33 AR-1260-3

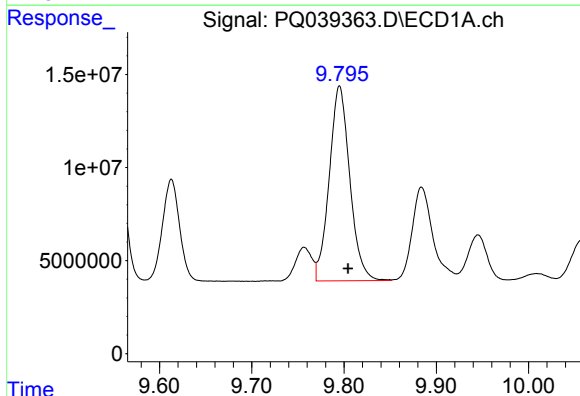
R.T.: 9.552 min
Delta R.T.: -0.008 min
Response: 137115363
Conc: 445.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



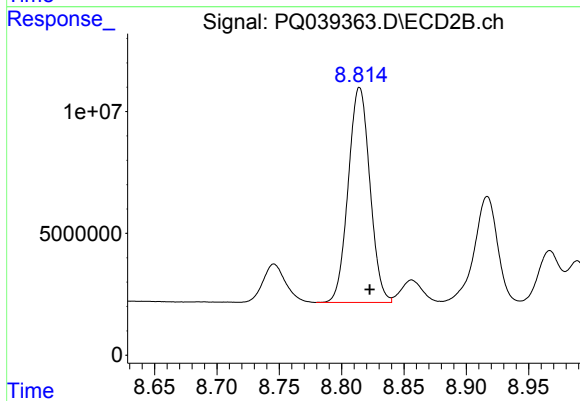
#33 AR-1260-3

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 126742514
Conc: 454.76 ng/ml



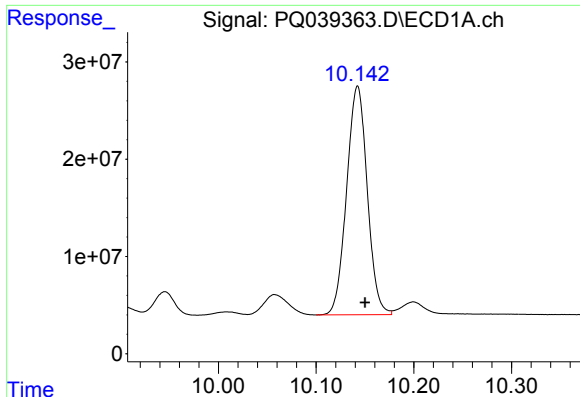
#34 AR-1260-4

R.T.: 9.795 min
Delta R.T.: -0.009 min
Response: 162043286
Conc: 446.95 ng/ml



#34 AR-1260-4

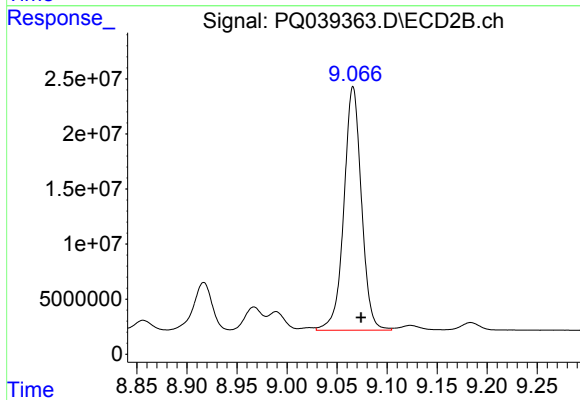
R.T.: 8.814 min
Delta R.T.: -0.008 min
Response: 106677435
Conc: 449.65 ng/ml



#35 AR-1260-5

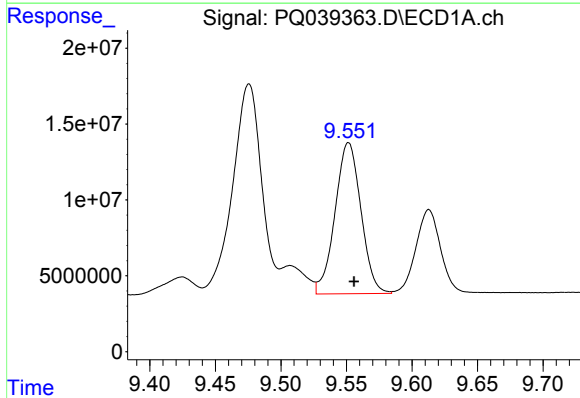
R.T.: 10.142 min
Delta R.T.: -0.008 min
Response: 344995211
Conc: 453.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



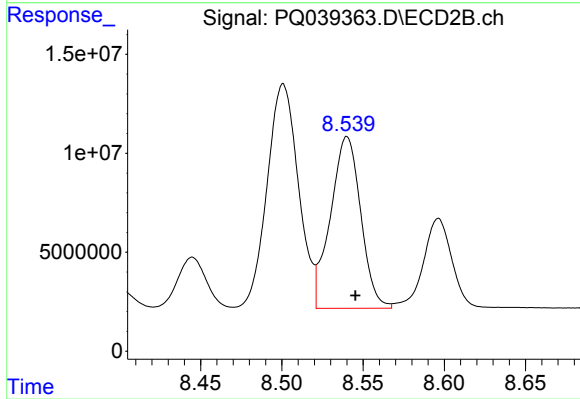
#35 AR-1260-5

R.T.: 9.066 min
Delta R.T.: -0.008 min
Response: 270159517
Conc: 451.70 ng/ml



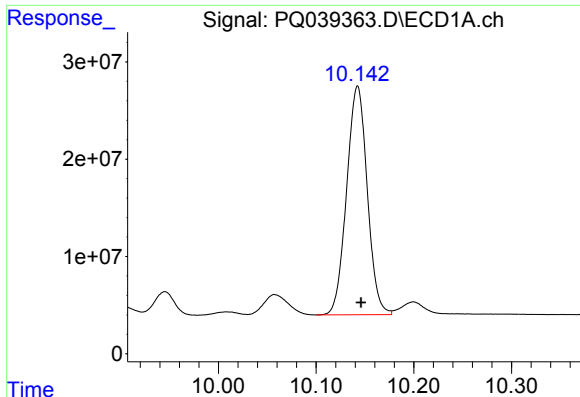
#36 AR-1262-1

R.T.: 9.552 min
Delta R.T.: -0.004 min
Response: 137115363
Conc: 400.24 ng/ml



#36 AR-1262-1

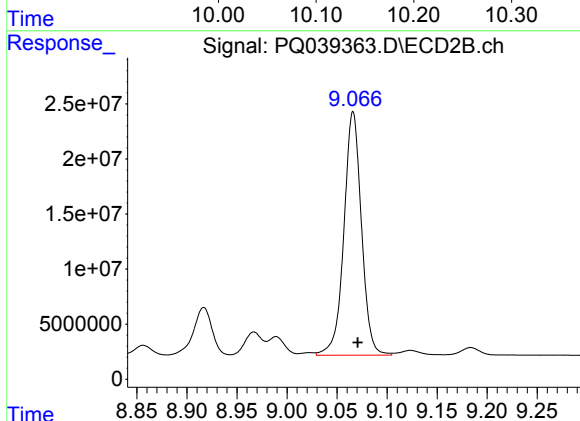
R.T.: 8.540 min
Delta R.T.: -0.005 min
Response: 112706983
Conc: 408.00 ng/ml



#37 AR-1262-2

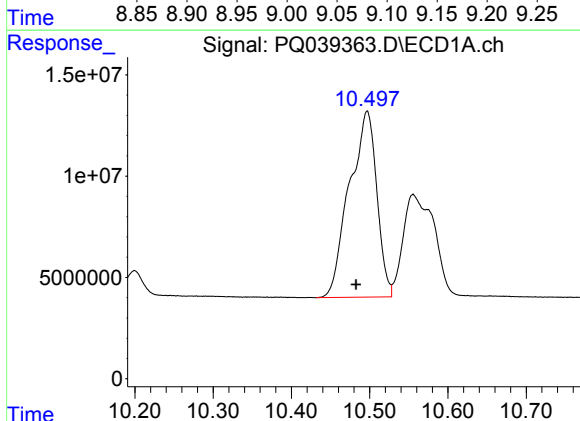
R.T.: 10.142 min
Delta R.T.: -0.004 min
Response: 344995211
Conc: 565.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



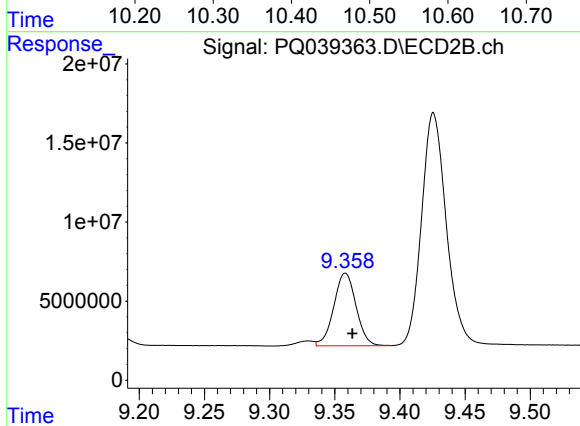
#37 AR-1262-2

R.T.: 9.066 min
Delta R.T.: -0.005 min
Response: 270159517
Conc: 552.11 ng/ml



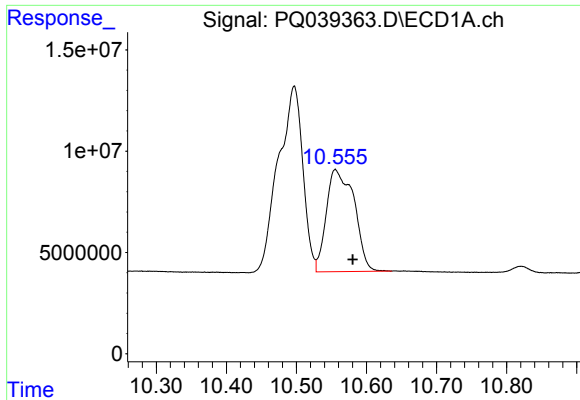
#38 AR-1262-3

R.T.: 10.497 min
Delta R.T.: 0.014 min
Response: 223438151
Conc: 530.45 ng/ml



#38 AR-1262-3

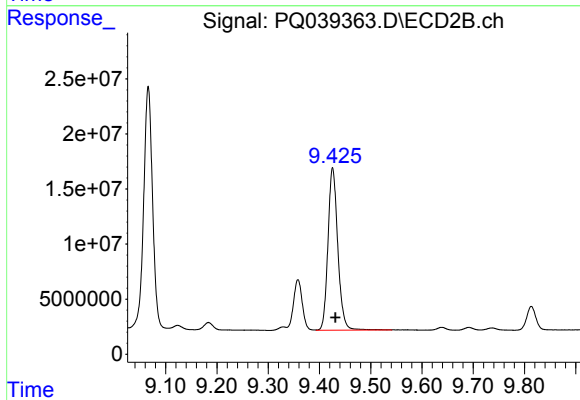
R.T.: 9.358 min
Delta R.T.: -0.005 min
Response: 54677100
Conc: 293.45 ng/ml



#39 AR-1262-4

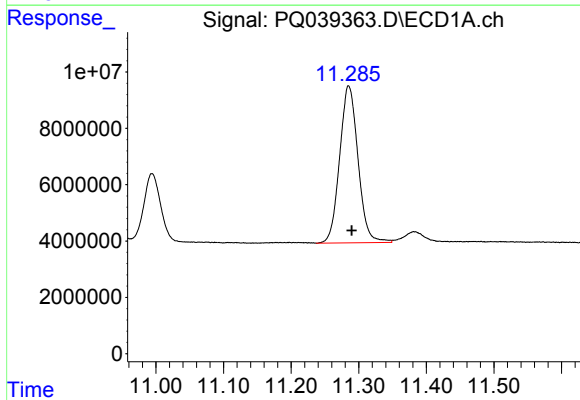
R.T.: 10.555 min
Delta R.T.: -0.025 min
Response: 138961091
Conc: 407.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



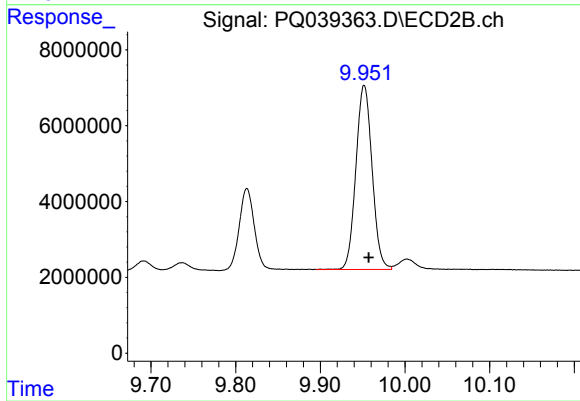
#39 AR-1262-4

R.T.: 9.426 min
Delta R.T.: -0.005 min
Response: 195782238
Conc: 544.10 ng/ml



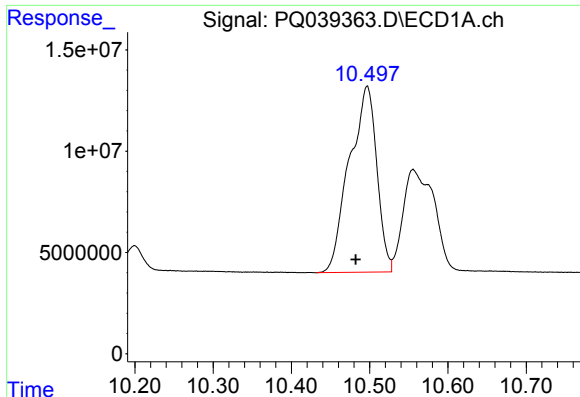
#40 AR-1262-5

R.T.: 11.285 min
Delta R.T.: -0.005 min
Response: 105205434
Conc: 468.02 ng/ml



#40 AR-1262-5

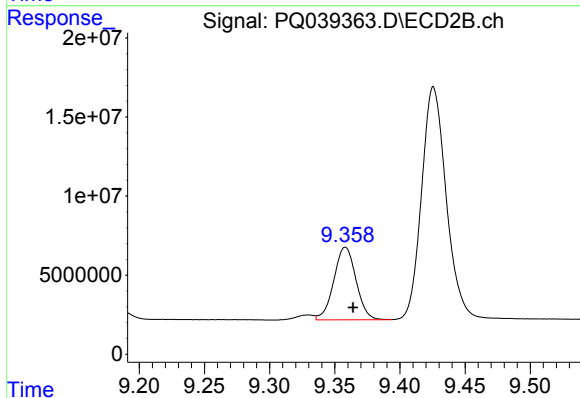
R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 64626392
Conc: 427.00 ng/ml



#41 AR-1268-1

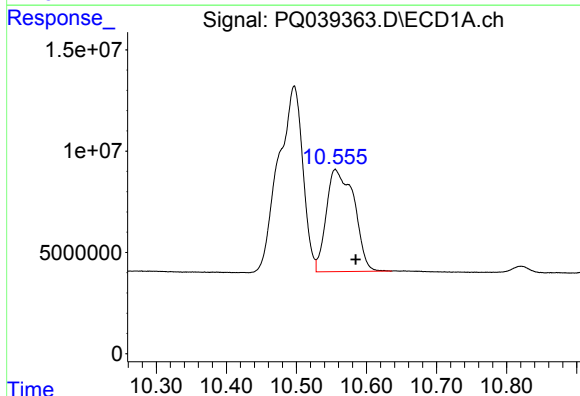
R.T.: 10.497 min
Delta R.T.: 0.015 min
Response: 223438151
Conc: 160.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



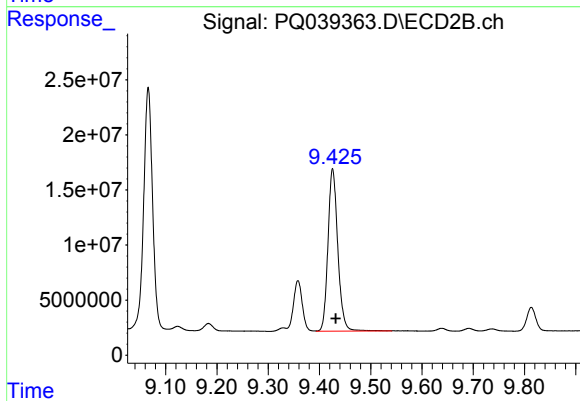
#41 AR-1268-1

R.T.: 9.358 min
Delta R.T.: -0.006 min
Response: 54677100
Conc: 51.98 ng/ml



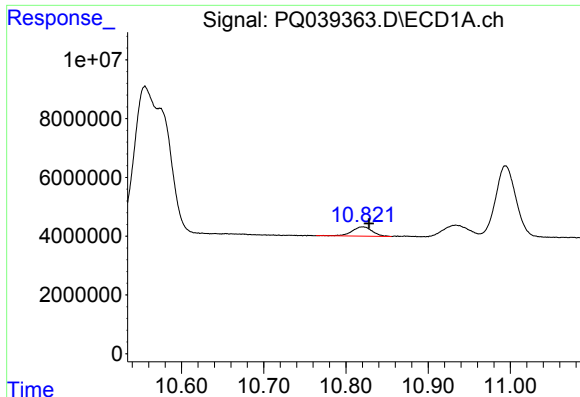
#42 AR-1268-2

R.T.: 10.555 min
Delta R.T.: -0.029 min
Response: 138961091
Conc: 103.47 ng/ml



#42 AR-1268-2

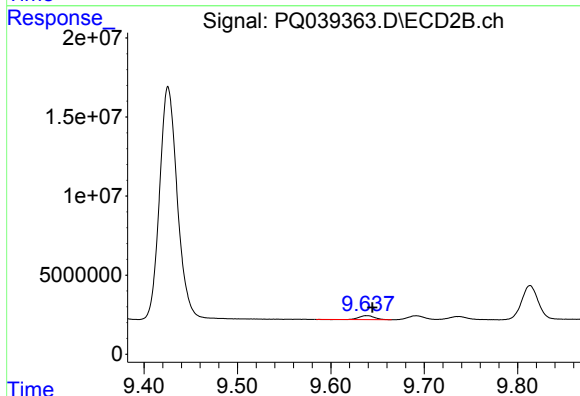
R.T.: 9.426 min
Delta R.T.: -0.006 min
Response: 195782238
Conc: 201.79 ng/ml



#43 AR-1268-3

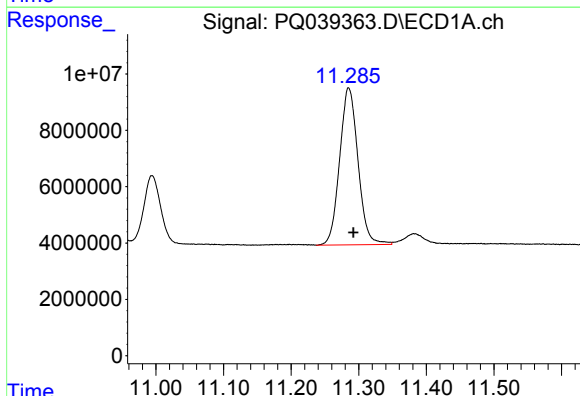
R.T.: 10.821 min
Delta R.T.: -0.008 min
Response: 5367105
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



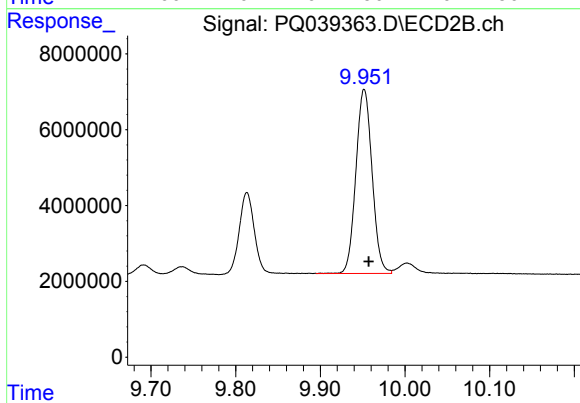
#43 AR-1268-3

R.T.: 9.638 min
Delta R.T.: -0.006 min
Response: 2896565
Conc: 3.51 ng/ml



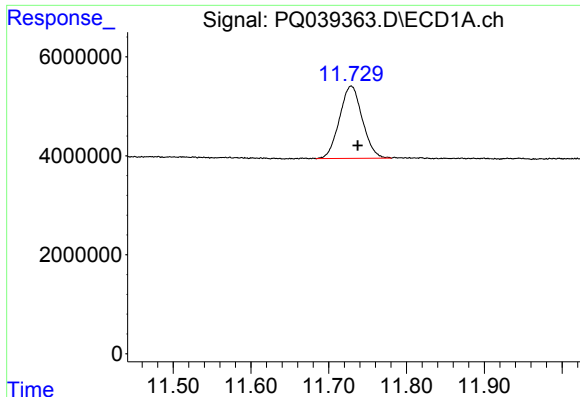
#44 AR-1268-4

R.T.: 11.285 min
Delta R.T.: -0.007 min
Response: 105205434
Conc: 245.73 ng/ml



#44 AR-1268-4

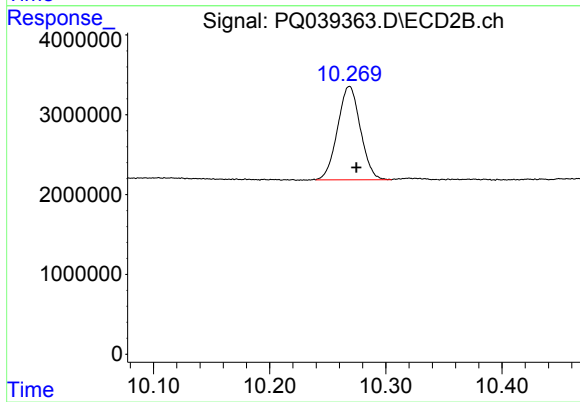
R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 64626392
Conc: 216.05 ng/ml



#45 AR-1268-5

R.T.: 11.729 min
Delta R.T.: -0.009 min
Response: 29801616
Conc: 7.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



#45 AR-1268-5

R.T.: 10.269 min
Delta R.T.: -0.006 min
Response: 16007350
Conc: 6.45 ng/ml