

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050719\
 Data File : PQ039447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2019 12:28
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 00:34:41 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...	5.693	4.789	70200537	37552251	23.169	22.659
2)	SA Decachlor...	12.092	10.549	207.5E6	117.5E6	33.956	34.827
Target Compounds							
3)	L1 AR-1016-1	7.142	6.242	73399407	50730440	418.888	455.793
4)	L1 AR-1016-2	7.167	6.263	110.4E6	73602238	419.754	456.811
5)	L1 AR-1016-3	7.238	6.478	66711057	39582462	400.800	473.516
6)	L1 AR-1016-4	7.352	6.532	56752175	29707100	414.331	445.378
7)	L1 AR-1016-5	7.686	6.785	56896616	48357577	408.395	494.236
8)	L2 AR-1221-1	5.971	5.094	7608035	3818326	192.133	167.709
9)	L2 AR-1221-2	6.084	5.213	8168356	5663063	283.130	345.288
10)	L2 AR-1221-3	6.180	5.316	34554141	21871469	345.580	384.144
11)	L3 AR-1232-1	6.180	5.316	34554141	21871469	516.097	588.000
12)	L3 AR-1232-2	6.826	6.263	51297446	73602238	1454.185	1699.136
13)	L3 AR-1232-3	7.167	6.478	110.4E6	39582462	1503.865	1772.249
14)	L3 AR-1232-4	7.352	6.581	56752175	38052822	1453.245	1739.310
15)	L3 AR-1232-5	7.457	6.785	43701731	48357577	1557.331	1919.382
16)	L4 AR-1242-1	7.142	6.242	73399407	50730440	665.397	730.973
17)	L4 AR-1242-2	7.167	6.263	110.4E6	73602238	671.081	737.686
18)	L4 AR-1242-3	7.238	6.478	66711057	39582462	632.152	737.233
19)	L4 AR-1242-4	7.352	6.581	56752175	38052822	636.700	682.484
20)	L4 AR-1242-5	8.176	7.194	18319516	50506752	187.612	666.938 #
21)	L5 AR-1248-1	7.142	6.242	73399407	50730440	624.372	652.019
22)	L5 AR-1248-2	7.457	6.532	43701731	29707100	266.756	275.276
23)	L5 AR-1248-3	7.686	6.581	56896616	38052822	292.020	335.997
24)	L5 AR-1248-4	8.134	6.785	21451800	48357577	99.352	342.805 #
25)	L5 AR-1248-5	8.176	7.241	18319516	16944300	86.054	120.123 #
26)	L6 AR-1254-1	8.103	7.194	56015180	50506752	278.129	255.156
27)	L6 AR-1254-2	8.340	7.362	47590353	40769493	149.497	231.166 #
28)	L6 AR-1254-3	8.736	7.825	24321558	66854645	71.365	223.981 #
29)	L6 AR-1254-4	9.039	8.060	17991040	6224154	76.018	35.864 #
30)	L6 AR-1254-5	9.479	8.505	180.3E6	132.7E6	661.335	517.184
31)	L7 AR-1260-1	8.909	7.951	127.2E6	99444967	386.438	420.949
32)	L7 AR-1260-2	9.179	8.154	151.7E6	120.3E6	383.577	406.633
33)	L7 AR-1260-3	9.556	8.319	117.4E6	112.1E6	381.752	402.310
34)	L7 AR-1260-4	9.799	8.817	134.1E6	92221656	369.819	388.717
35)	L7 AR-1260-5	10.146	9.069	276.9E6	228.9E6	363.669	382.729
36)	L8 AR-1262-1	9.556	8.543	117.4E6	98307022	342.641	355.875
37)	L8 AR-1262-2	10.146	9.069	276.9E6	228.9E6	453.680	467.809
38)	L8 AR-1262-3	10.502	9.363	177.5E6	47060044	421.440	252.569 #
39)	L8 AR-1262-4	10.560	9.430	117.1E6	163.1E6	342.939	453.384 #
40)	L8 AR-1262-5	11.289	9.956	81677864	54335911	363.357	359.011
41)	L9 AR-1268-1	10.502	9.363	177.5E6	47060044	127.602	44.737 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050719\
Data File : PQ039447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2019 12:28
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

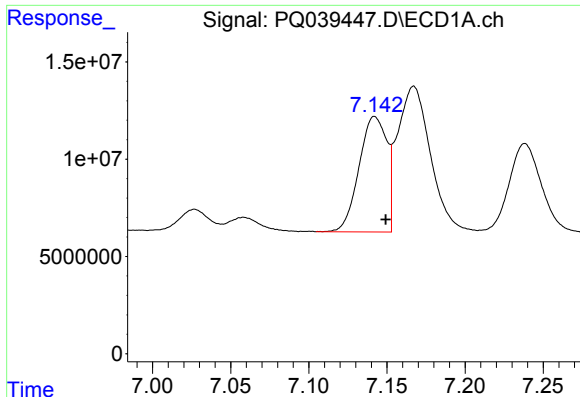
Instrument :
ECD_Q
ClientSampleId :
AR1660312

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 00:34:41 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
42)	L9 AR-1268-2	10.560	9.430	117.1E6	163.1E6	87.181	168.145 #
43)	L9 AR-1268-3	10.823	9.642	6876338	2766503	5.922	3.355 #
44)	L9 AR-1268-4	11.289	9.956	81677864	54335911	190.776	181.647
45)	L9 AR-1268-5	11.732	10.273	24058524	12914267	6.307	5.204

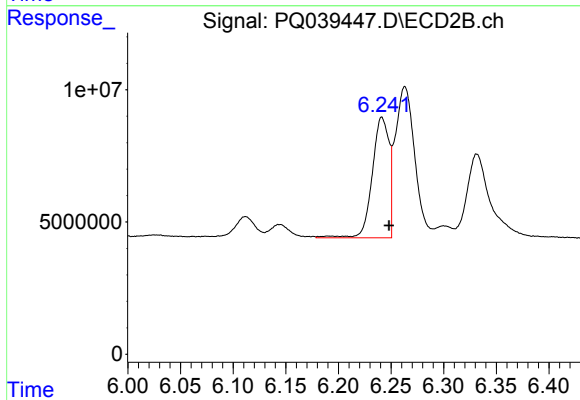
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

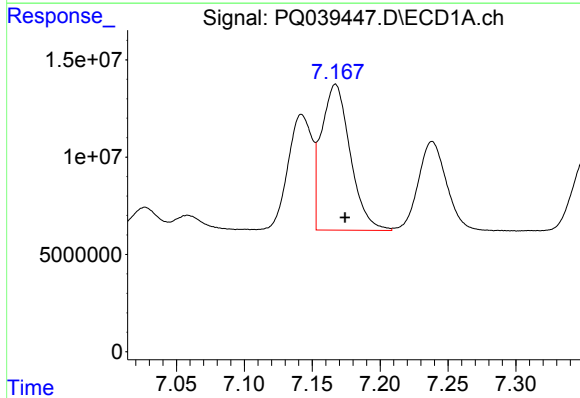
R.T.: 7.142 min
Delta R.T.: -0.007 min
Response: 73399407
Conc: 418.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



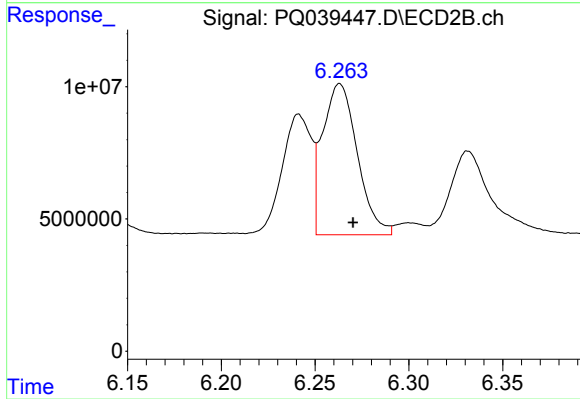
#3 AR-1016-1

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 50730440
Conc: 455.79 ng/ml



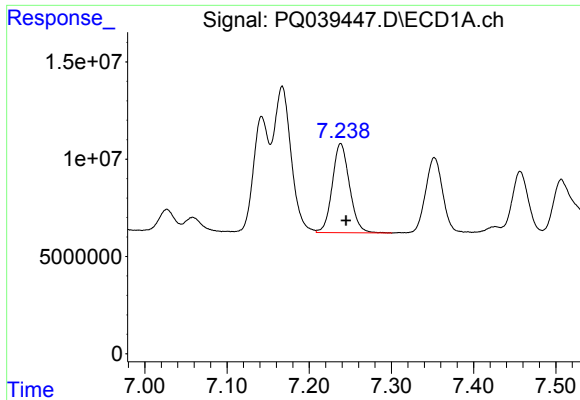
#4 AR-1016-2

R.T.: 7.167 min
Delta R.T.: -0.007 min
Response: 110411803
Conc: 419.75 ng/ml



#4 AR-1016-2

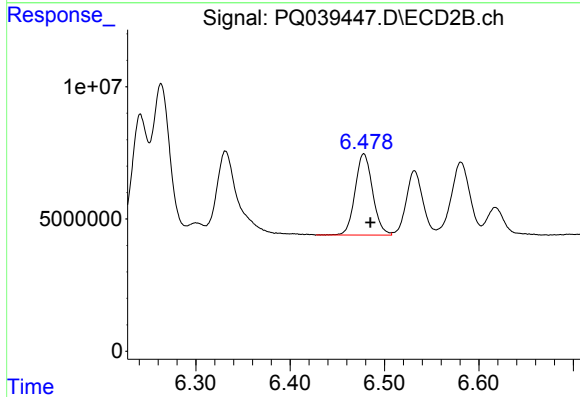
R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 73602238
Conc: 456.81 ng/ml



#5 AR-1016-3

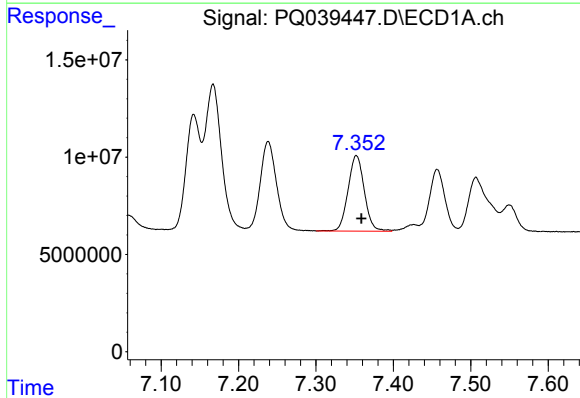
R.T.: 7.238 min
Delta R.T.: -0.006 min
Response: 66711057
Conc: 400.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



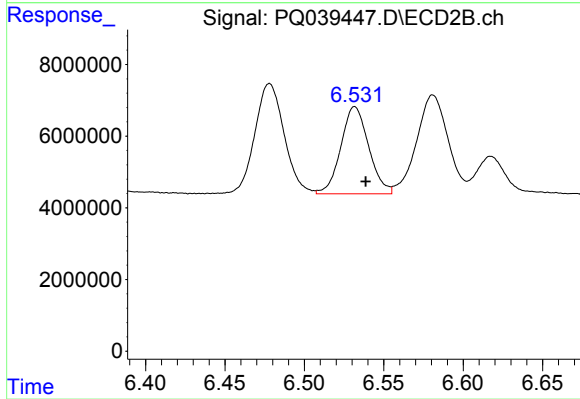
#5 AR-1016-3

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 39582462
Conc: 473.52 ng/ml



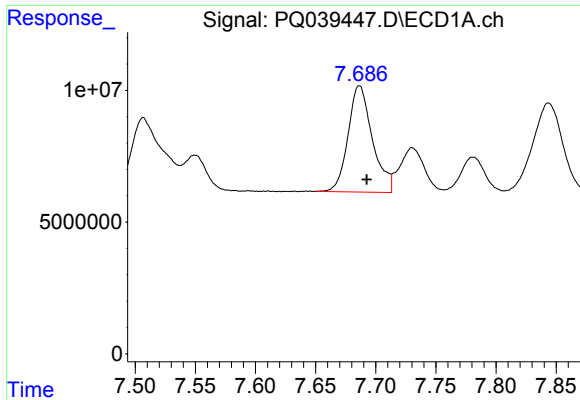
#6 AR-1016-4

R.T.: 7.352 min
Delta R.T.: -0.007 min
Response: 56752175
Conc: 414.33 ng/ml



#6 AR-1016-4

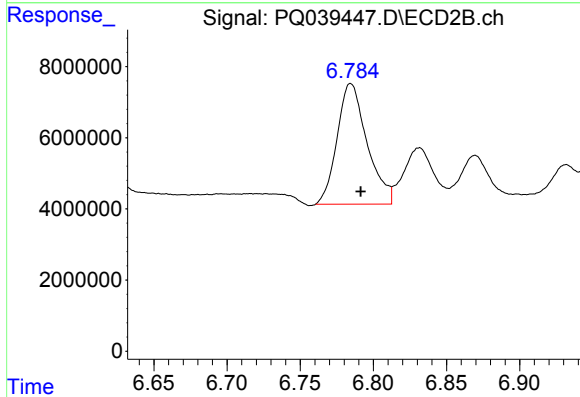
R.T.: 6.532 min
Delta R.T.: -0.007 min
Response: 29707100
Conc: 445.38 ng/ml



#7 AR-1016-5

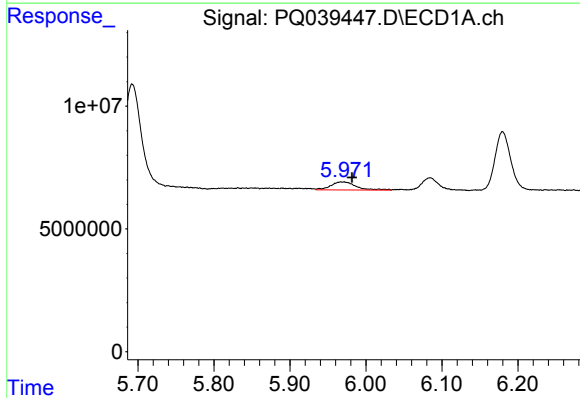
R.T.: 7.686 min
Delta R.T.: -0.006 min
Response: 56896616
Conc: 408.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



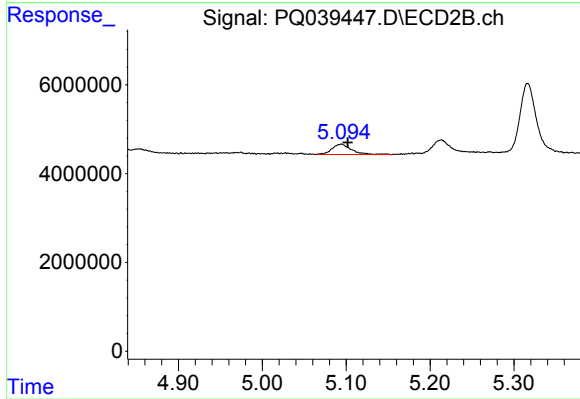
#7 AR-1016-5

R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 48357577
Conc: 494.24 ng/ml



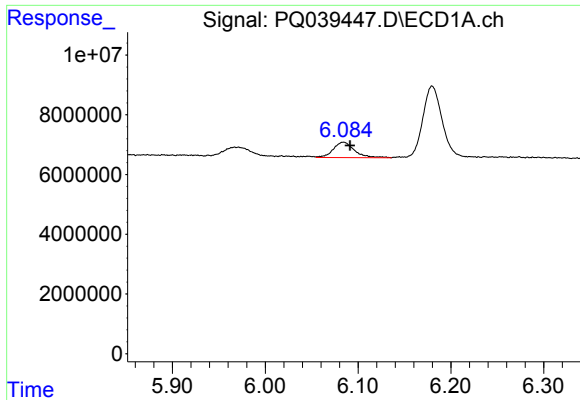
#8 AR-1221-1

R.T.: 5.971 min
Delta R.T.: -0.011 min
Response: 7608035
Conc: 192.13 ng/ml



#8 AR-1221-1

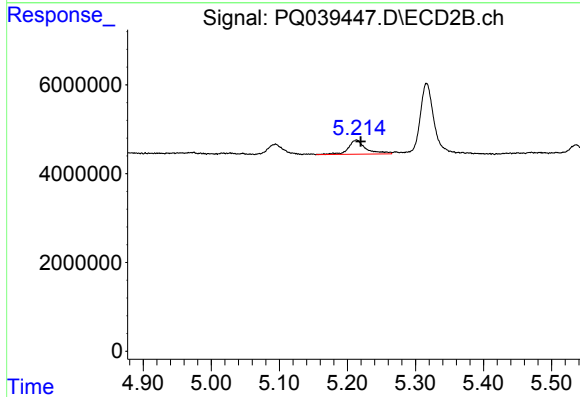
R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 3818326
Conc: 167.71 ng/ml



#9 AR-1221-2

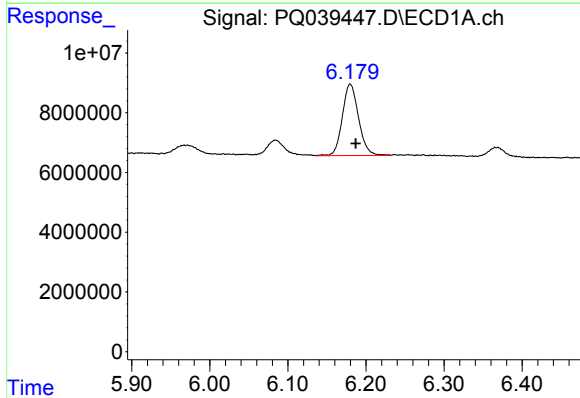
R.T.: 6.084 min
Delta R.T.: -0.007 min
Response: 8168356
Conc: 283.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



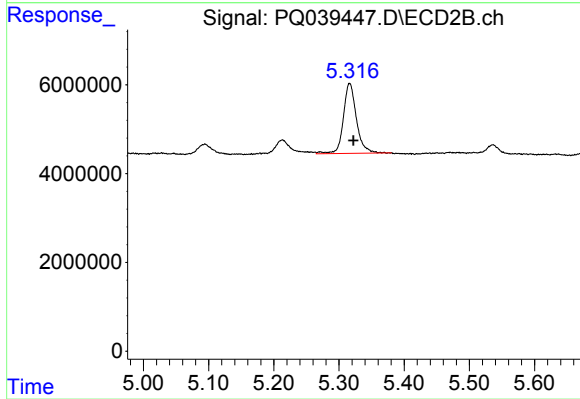
#9 AR-1221-2

R.T.: 5.213 min
Delta R.T.: -0.007 min
Response: 5663063
Conc: 345.29 ng/ml



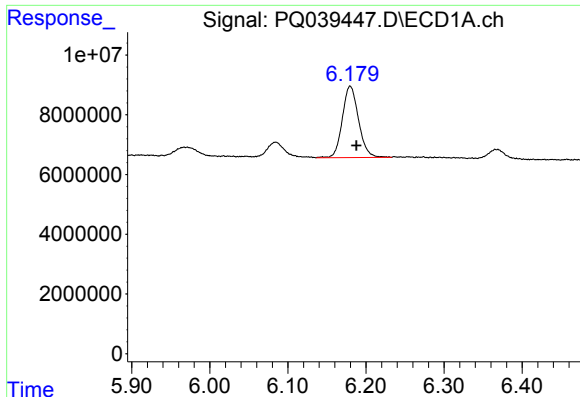
#10 AR-1221-3

R.T.: 6.180 min
Delta R.T.: -0.007 min
Response: 34554141
Conc: 345.58 ng/ml



#10 AR-1221-3

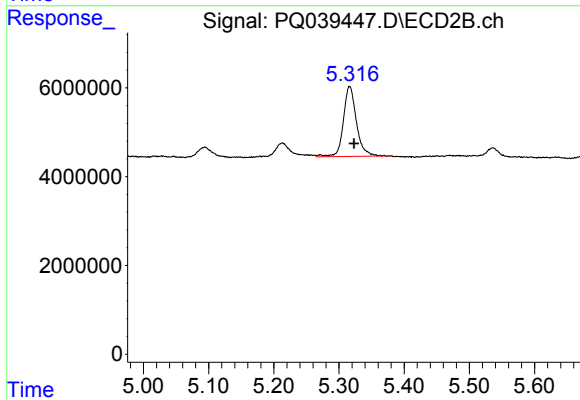
R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 21871469
Conc: 384.14 ng/ml



#11 AR-1232-1

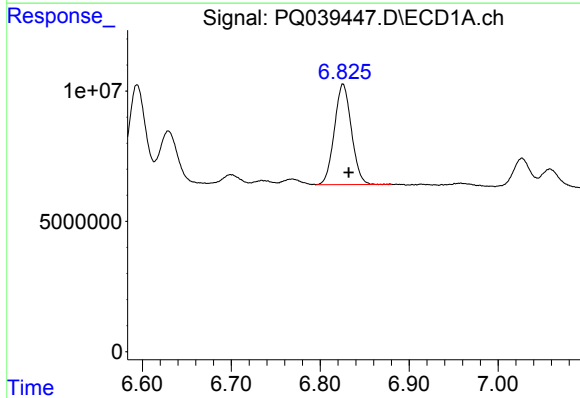
R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 34554141
Conc: 516.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



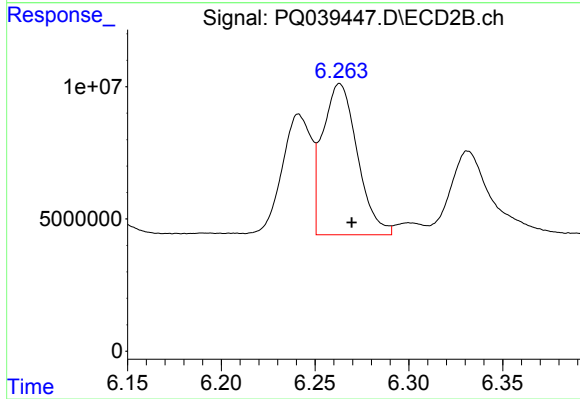
#11 AR-1232-1

R.T.: 5.316 min
Delta R.T.: -0.007 min
Response: 21871469
Conc: 588.00 ng/ml



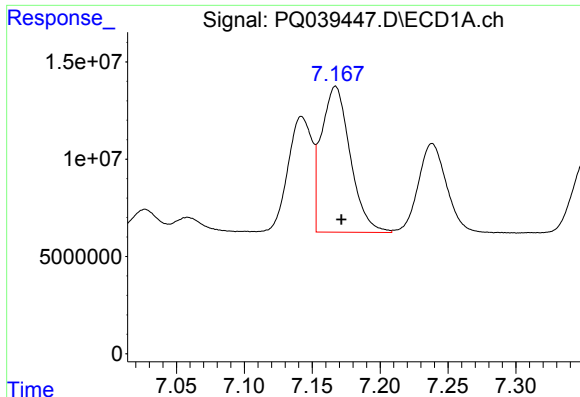
#12 AR-1232-2

R.T.: 6.826 min
Delta R.T.: -0.006 min
Response: 51297446
Conc: 1454.18 ng/ml



#12 AR-1232-2

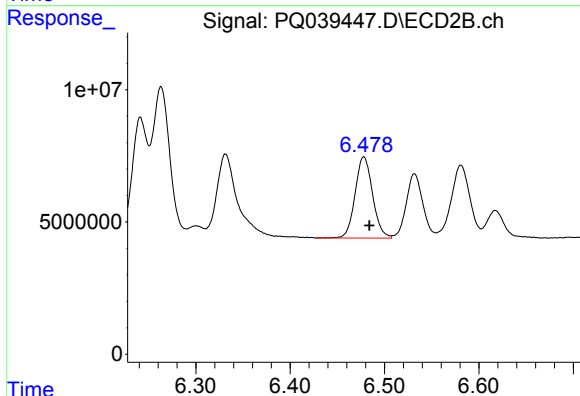
R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 73602238
Conc: 1699.14 ng/ml



#13 AR-1232-3

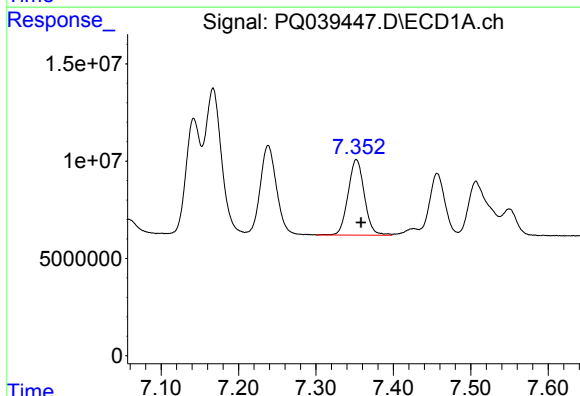
R.T.: 7.167 min
Delta R.T.: -0.004 min
Response: 110411803
Conc: 1503.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



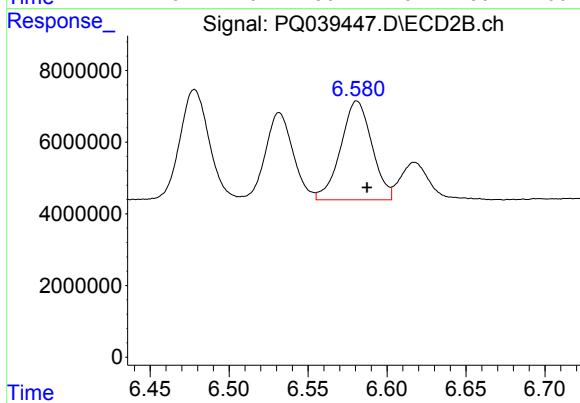
#13 AR-1232-3

R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 39582462
Conc: 1772.25 ng/ml



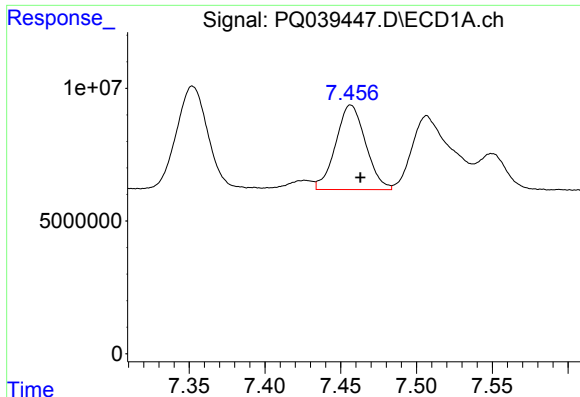
#14 AR-1232-4

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 56752175
Conc: 1453.24 ng/ml



#14 AR-1232-4

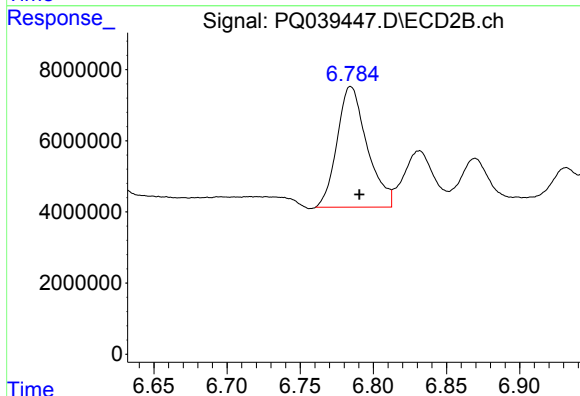
R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 38052822
Conc: 1739.31 ng/ml



#15 AR-1232-5

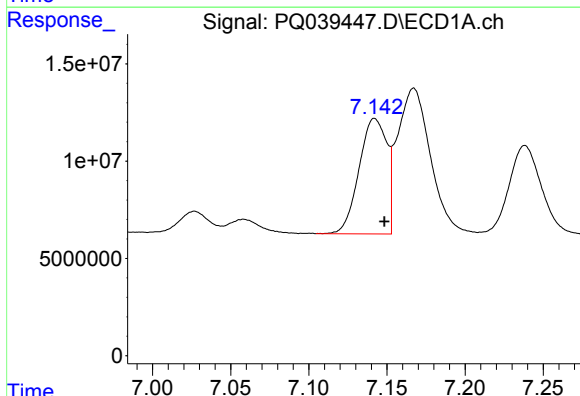
R.T.: 7.457 min
Delta R.T.: -0.006 min
Response: 43701731
Conc: 1557.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



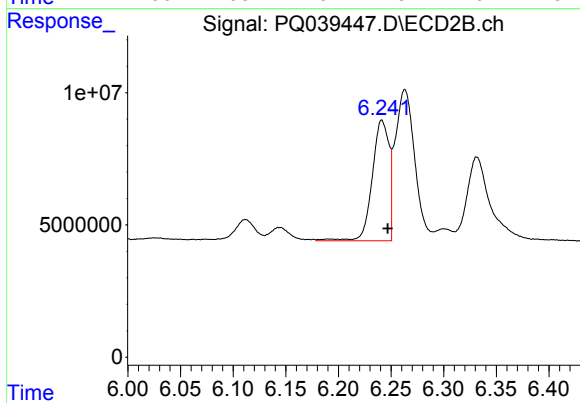
#15 AR-1232-5

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 48357577
Conc: 1919.38 ng/ml



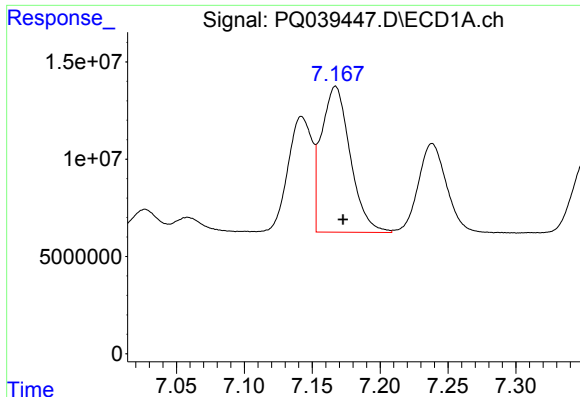
#16 AR-1242-1

R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 73399407
Conc: 665.40 ng/ml



#16 AR-1242-1

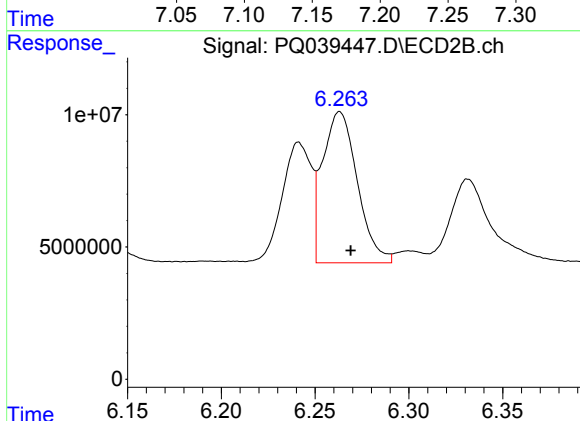
R.T.: 6.242 min
Delta R.T.: -0.005 min
Response: 50730440
Conc: 730.97 ng/ml



#17 AR-1242-2

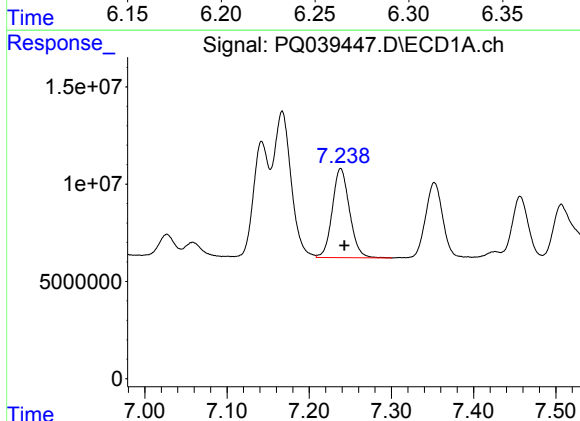
R.T.: 7.167 min
Delta R.T.: -0.006 min
Response: 110411803
Conc: 671.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



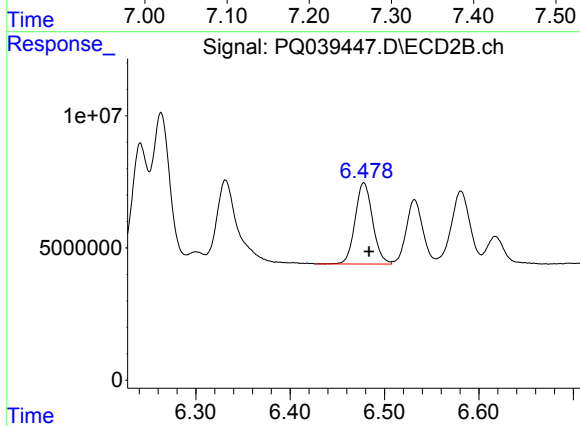
#17 AR-1242-2

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 73602238
Conc: 737.69 ng/ml



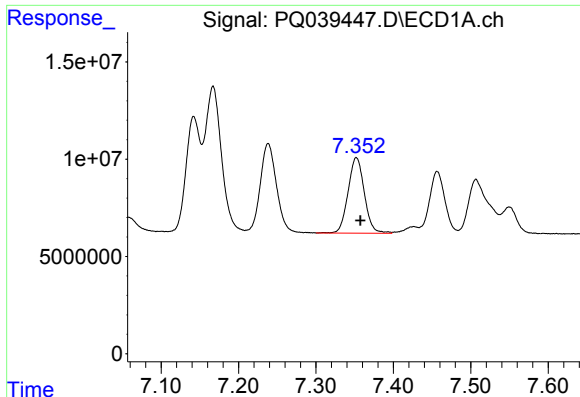
#18 AR-1242-3

R.T.: 7.238 min
Delta R.T.: -0.005 min
Response: 66711057
Conc: 632.15 ng/ml



#18 AR-1242-3

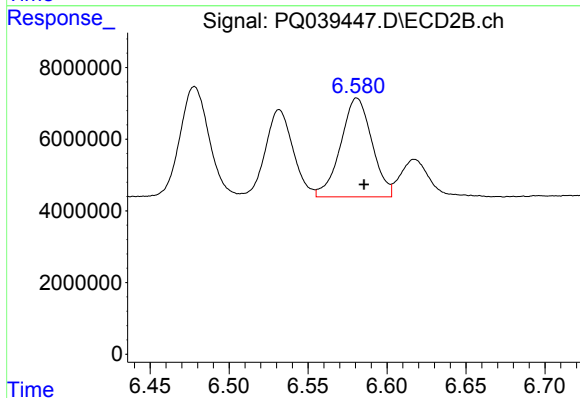
R.T.: 6.478 min
Delta R.T.: -0.005 min
Response: 39582462
Conc: 737.23 ng/ml



#19 AR-1242-4

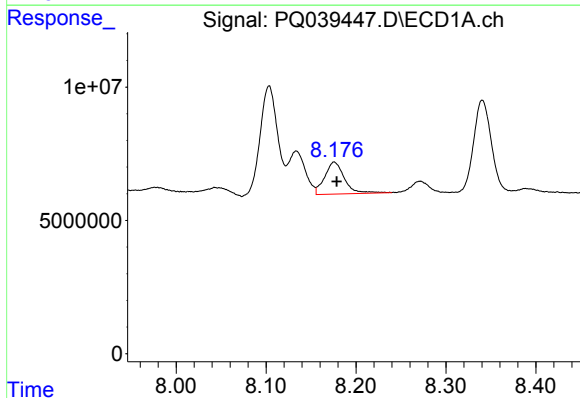
R.T.: 7.352 min
Delta R.T.: -0.005 min
Response: 56752175
Conc: 636.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



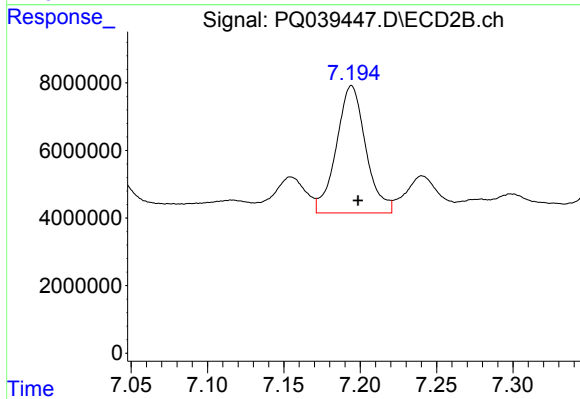
#19 AR-1242-4

R.T.: 6.581 min
Delta R.T.: -0.005 min
Response: 38052822
Conc: 682.48 ng/ml



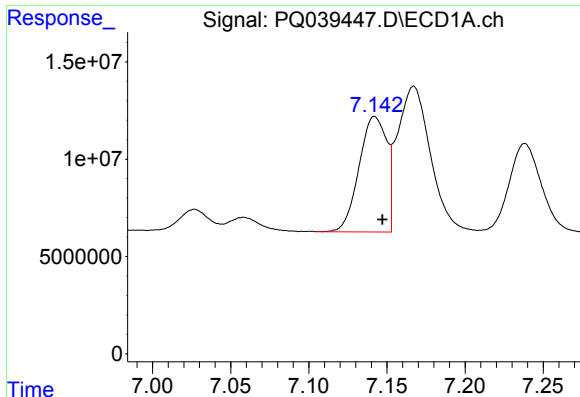
#20 AR-1242-5

R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 18319516
Conc: 187.61 ng/ml



#20 AR-1242-5

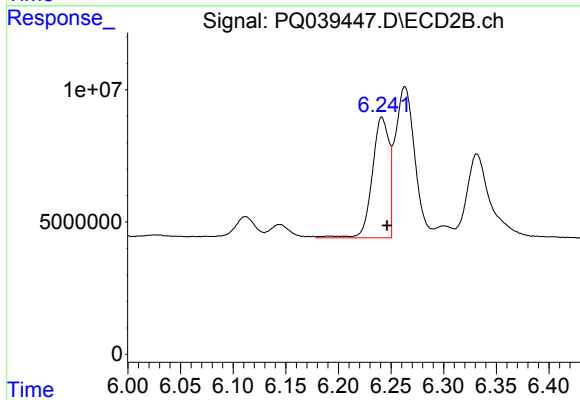
R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 50506752
Conc: 666.94 ng/ml



#21 AR-1248-1

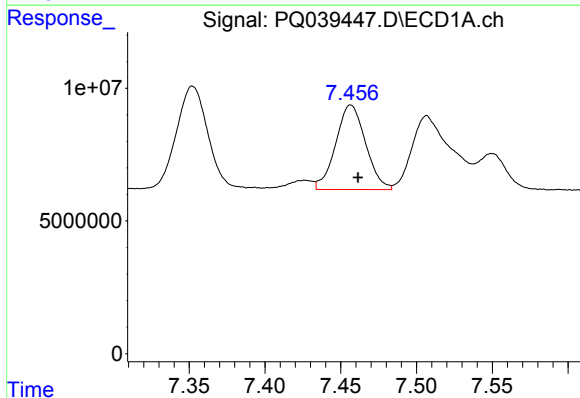
R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 73399407
Conc: 624.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



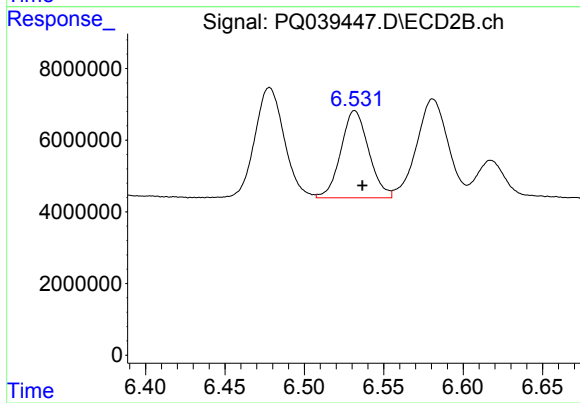
#21 AR-1248-1

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 50730440
Conc: 652.02 ng/ml



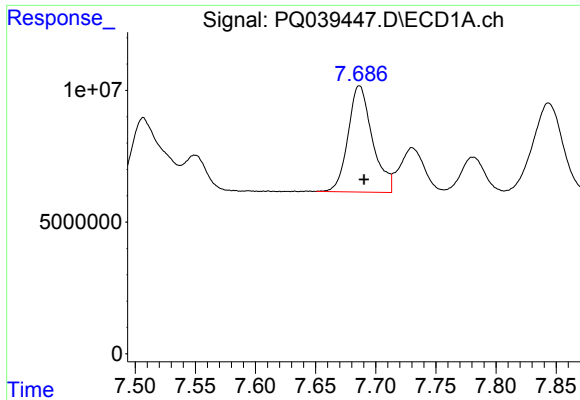
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 43701731
Conc: 266.76 ng/ml



#22 AR-1248-2

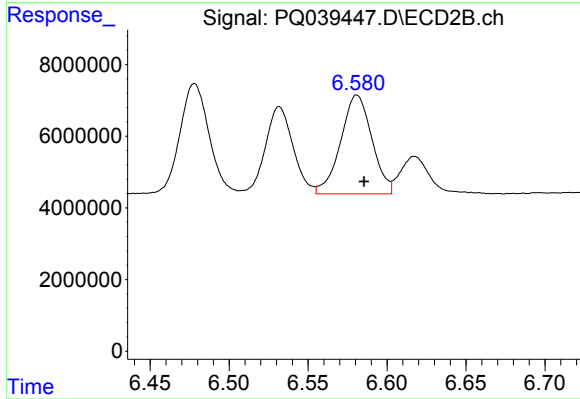
R.T.: 6.532 min
Delta R.T.: -0.005 min
Response: 29707100
Conc: 275.28 ng/ml



#23 AR-1248-3

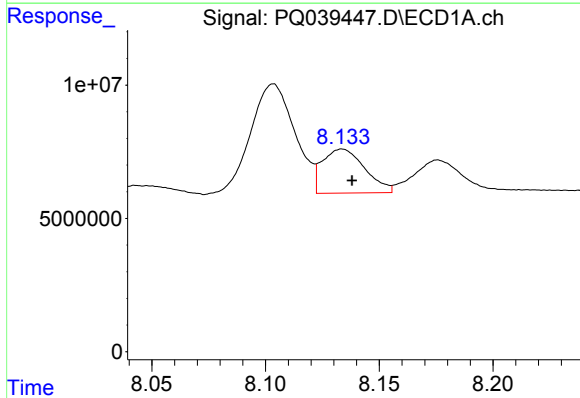
R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 56896616
Conc: 292.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



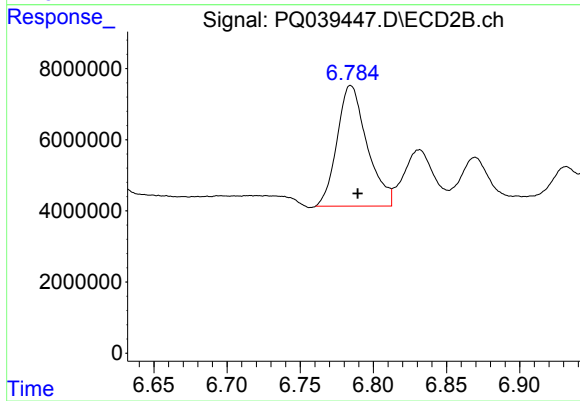
#23 AR-1248-3

R.T.: 6.581 min
Delta R.T.: -0.004 min
Response: 38052822
Conc: 336.00 ng/ml



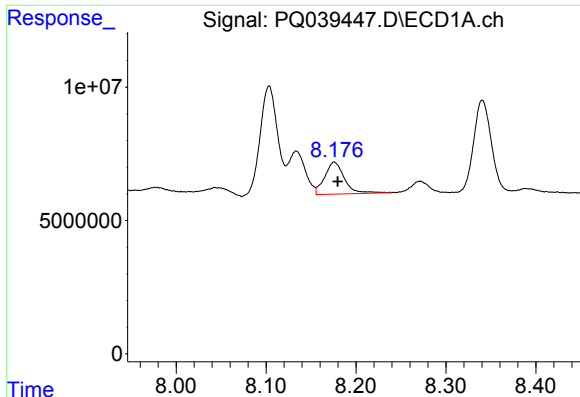
#24 AR-1248-4

R.T.: 8.134 min
Delta R.T.: -0.004 min
Response: 21451800
Conc: 99.35 ng/ml



#24 AR-1248-4

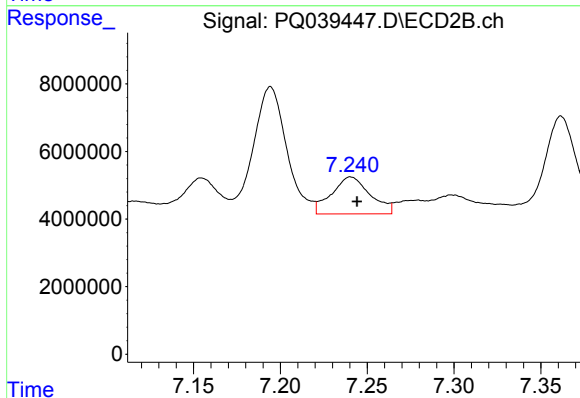
R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 48357577
Conc: 342.80 ng/ml



#25 AR-1248-5

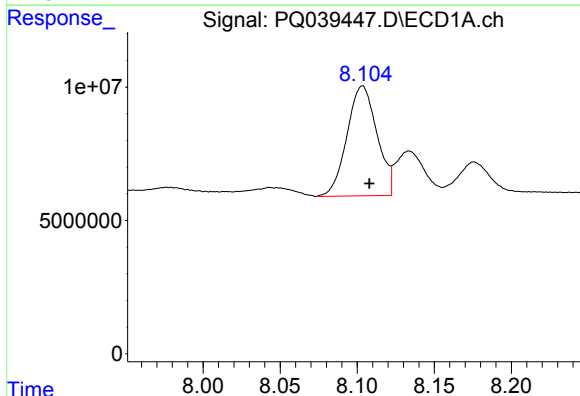
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 18319516
Conc: 86.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



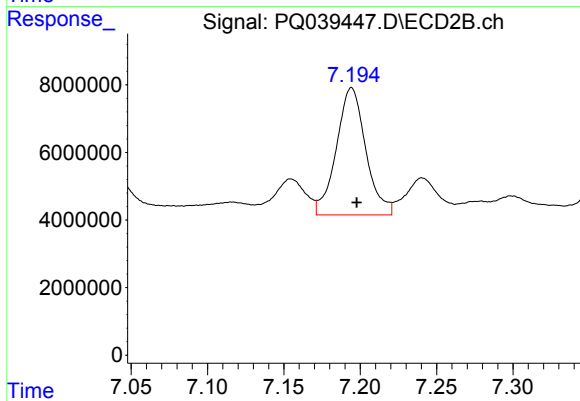
#25 AR-1248-5

R.T.: 7.241 min
Delta R.T.: -0.004 min
Response: 16944300
Conc: 120.12 ng/ml



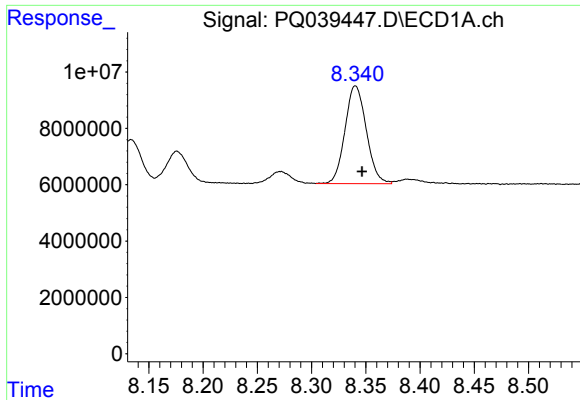
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: -0.005 min
Response: 56015180
Conc: 278.13 ng/ml



#26 AR-1254-1

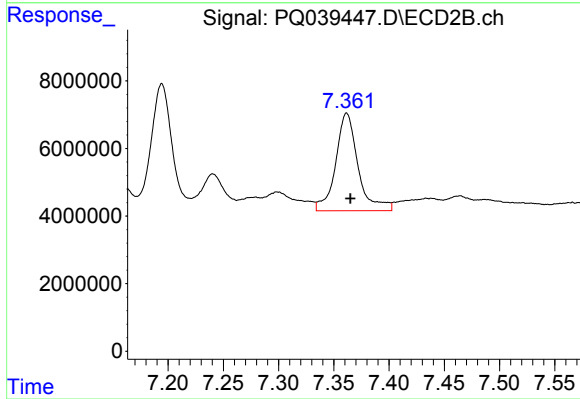
R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 50506752
Conc: 255.16 ng/ml



#27 AR-1254-2

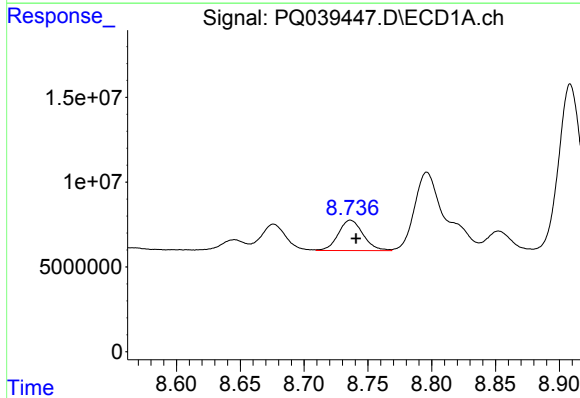
R.T.: 8.340 min
Delta R.T.: -0.006 min
Response: 47590353
Conc: 149.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



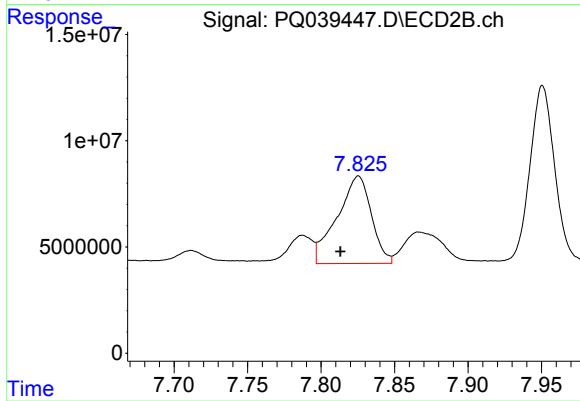
#27 AR-1254-2

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 40769493
Conc: 231.17 ng/ml



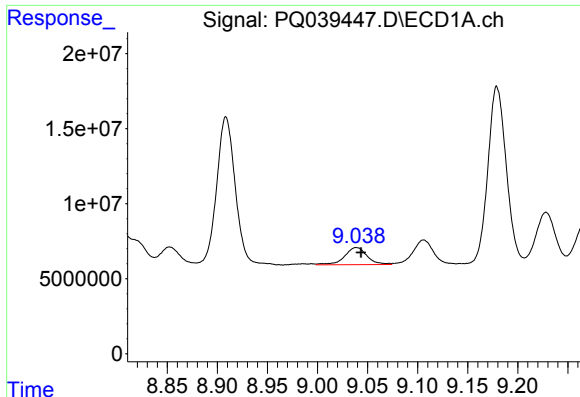
#28 AR-1254-3

R.T.: 8.736 min
Delta R.T.: -0.004 min
Response: 24321558
Conc: 71.37 ng/ml



#28 AR-1254-3

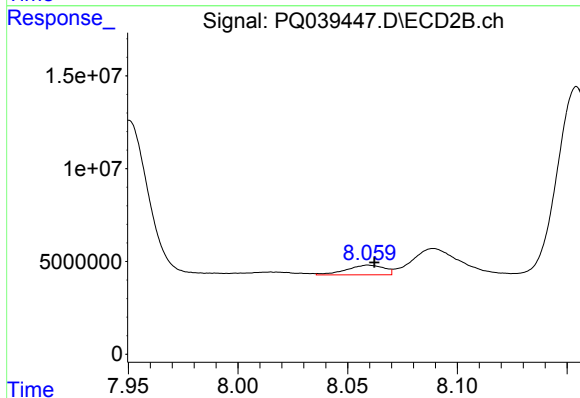
R.T.: 7.825 min
Delta R.T.: 0.012 min
Response: 66854645
Conc: 223.98 ng/ml



#29 AR-1254-4

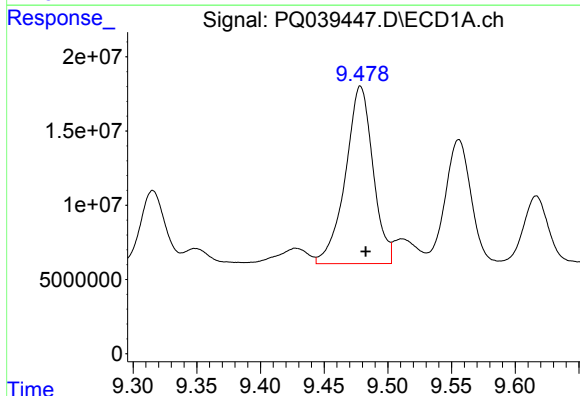
R.T.: 9.039 min
Delta R.T.: -0.005 min
Response: 17991040
Conc: 76.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



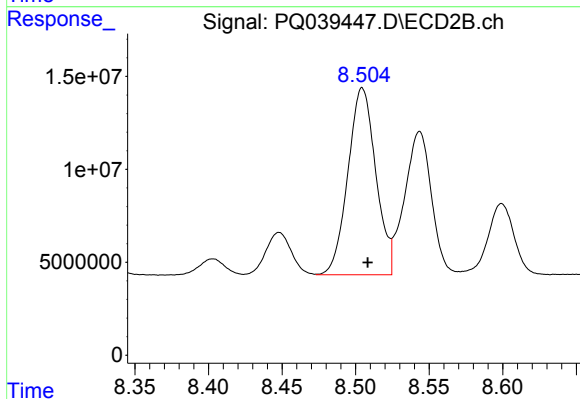
#29 AR-1254-4

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 6224154
Conc: 35.86 ng/ml



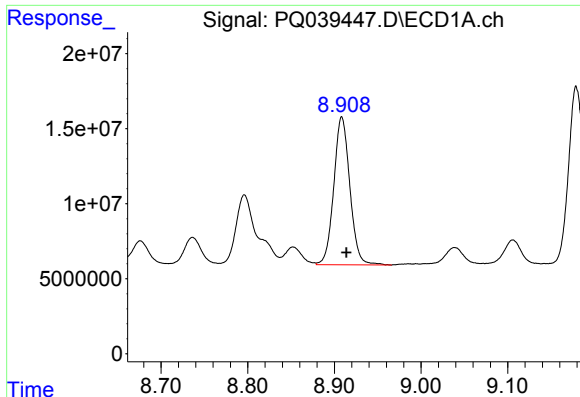
#30 AR-1254-5

R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 180293416
Conc: 661.33 ng/ml



#30 AR-1254-5

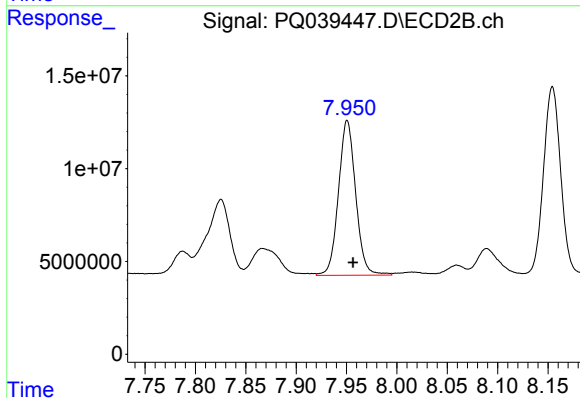
R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 132667278
Conc: 517.18 ng/ml



#31 AR-1260-1

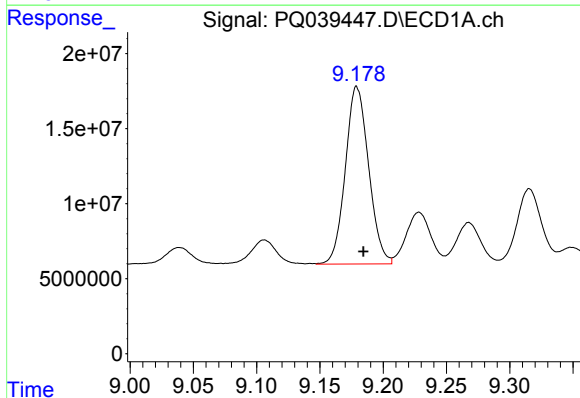
R.T.: 8.909 min
Delta R.T.: -0.005 min
Response: 127186553
Conc: 386.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



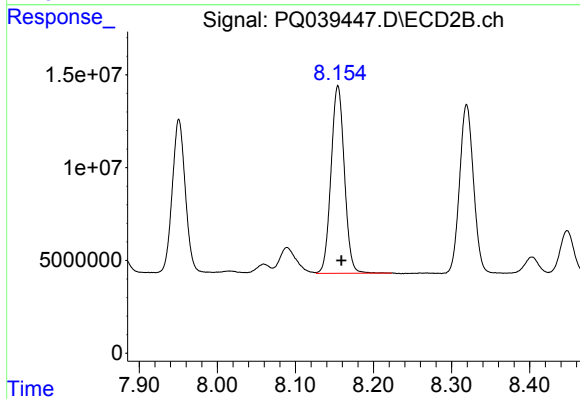
#31 AR-1260-1

R.T.: 7.951 min
Delta R.T.: -0.006 min
Response: 99444967
Conc: 420.95 ng/ml



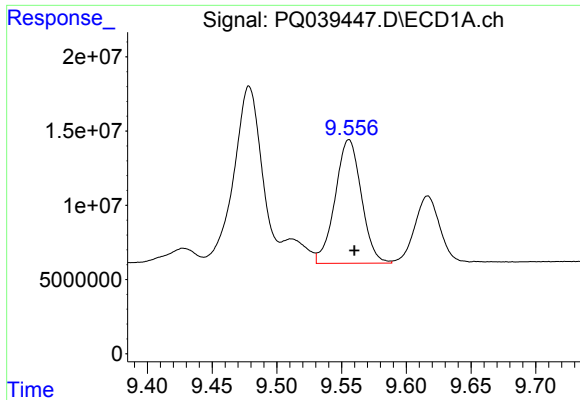
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.005 min
Response: 151745575
Conc: 383.58 ng/ml



#32 AR-1260-2

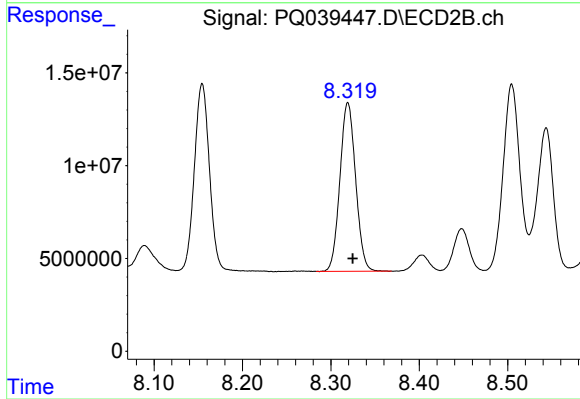
R.T.: 8.154 min
Delta R.T.: -0.005 min
Response: 120252317
Conc: 406.63 ng/ml



#33 AR-1260-3

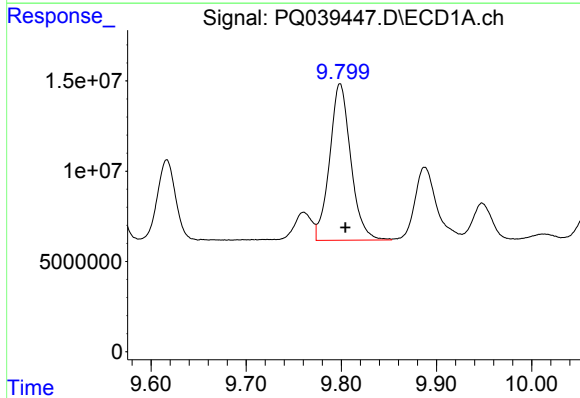
R.T.: 9.556 min
Delta R.T.: -0.004 min
Response: 117382913
Conc: 381.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



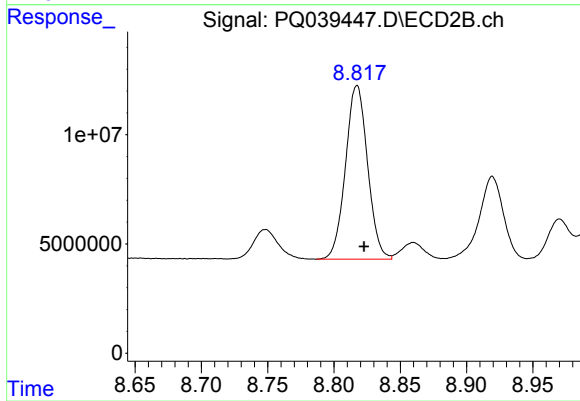
#33 AR-1260-3

R.T.: 8.319 min
Delta R.T.: -0.005 min
Response: 112125468
Conc: 402.31 ng/ml



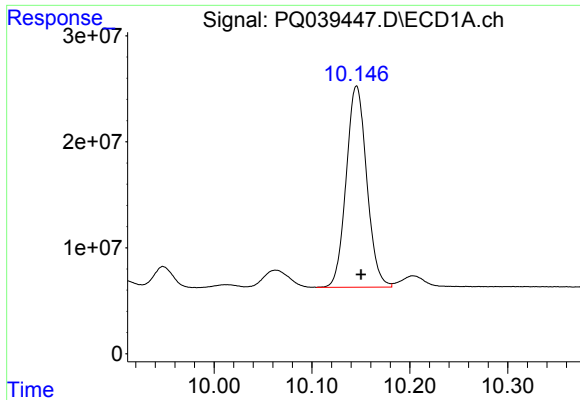
#34 AR-1260-4

R.T.: 9.799 min
Delta R.T.: -0.006 min
Response: 134080474
Conc: 369.82 ng/ml



#34 AR-1260-4

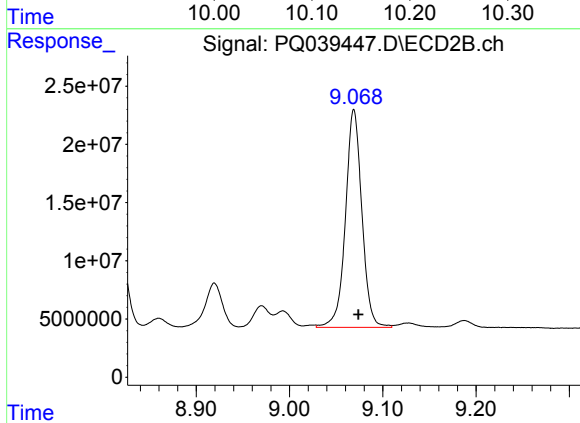
R.T.: 8.817 min
Delta R.T.: -0.005 min
Response: 92221656
Conc: 388.72 ng/ml



#35 AR-1260-5

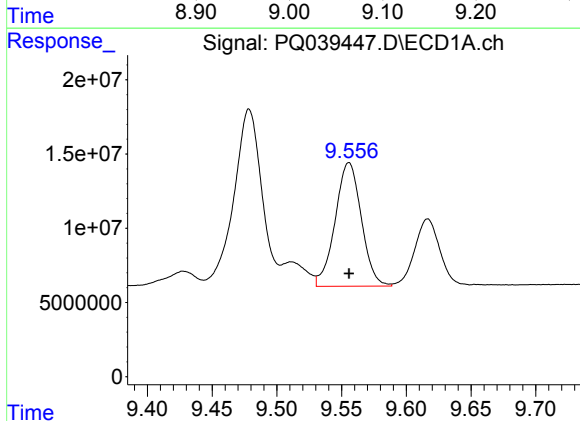
R.T.: 10.146 min
Delta R.T.: -0.005 min
Response: 276883098
Conc: 363.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



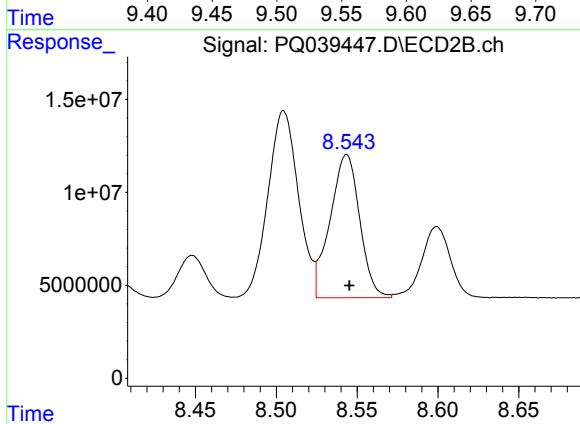
#35 AR-1260-5

R.T.: 9.069 min
Delta R.T.: -0.005 min
Response: 228910244
Conc: 382.73 ng/ml



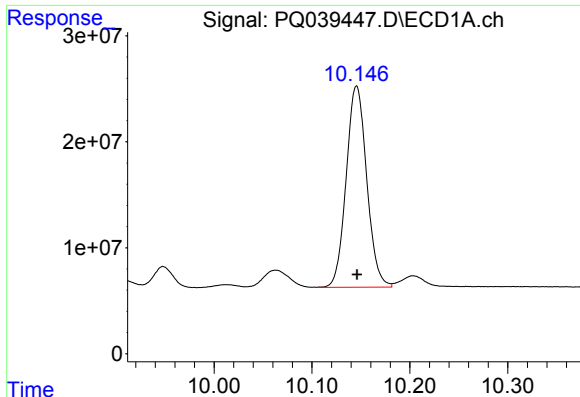
#36 AR-1262-1

R.T.: 9.556 min
Delta R.T.: 0.000 min
Response: 117382913
Conc: 342.64 ng/ml



#36 AR-1262-1

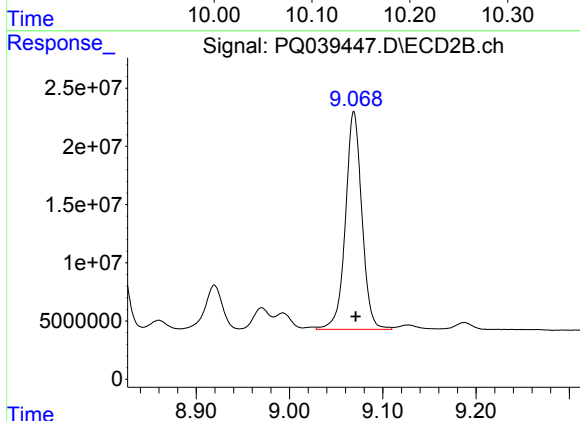
R.T.: 8.543 min
Delta R.T.: -0.002 min
Response: 98307022
Conc: 355.87 ng/ml



#37 AR-1262-2

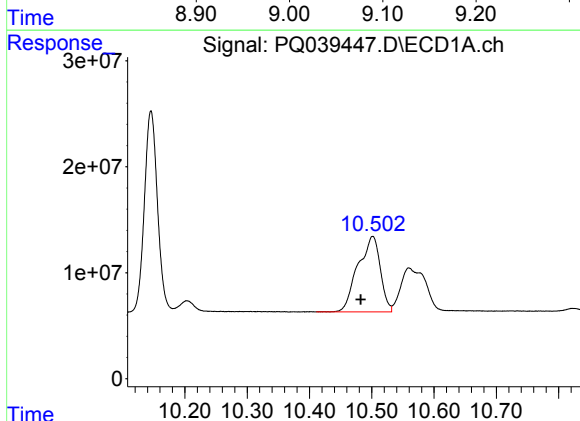
R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 276883098
Conc: 453.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



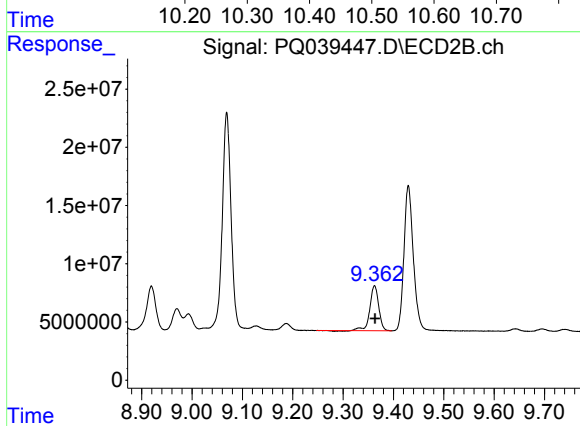
#37 AR-1262-2

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 228910244
Conc: 467.81 ng/ml



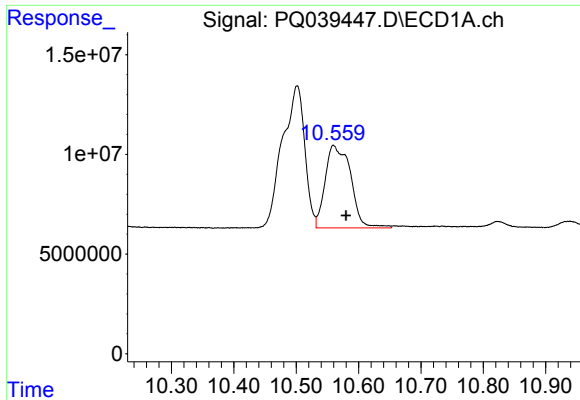
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.019 min
Response: 177519696
Conc: 421.44 ng/ml



#38 AR-1262-3

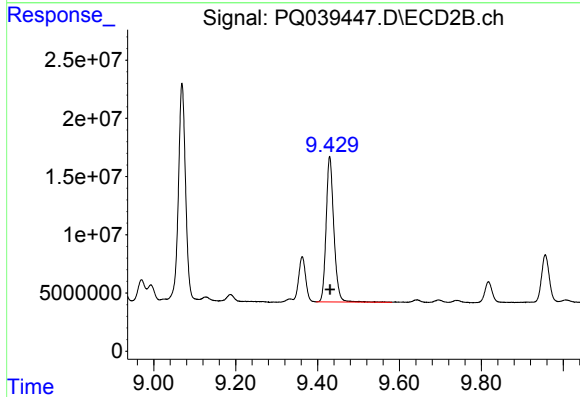
R.T.: 9.363 min
Delta R.T.: -0.001 min
Response: 47060044
Conc: 252.57 ng/ml



#39 AR-1262-4

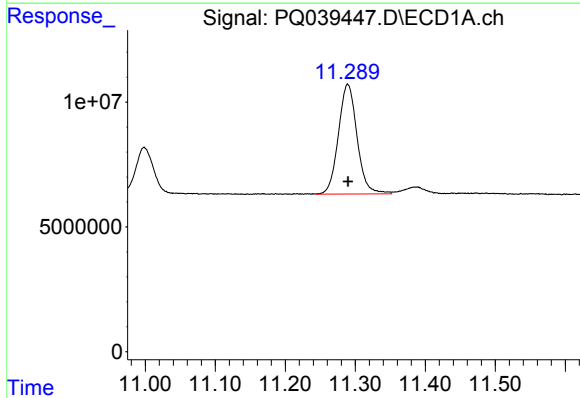
R.T.: 10.560 min
Delta R.T.: -0.021 min
Response: 117079289
Conc: 342.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



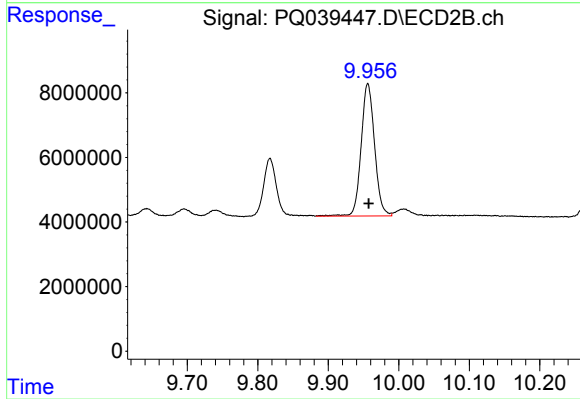
#39 AR-1262-4

R.T.: 9.430 min
Delta R.T.: -0.001 min
Response: 163141286
Conc: 453.38 ng/ml



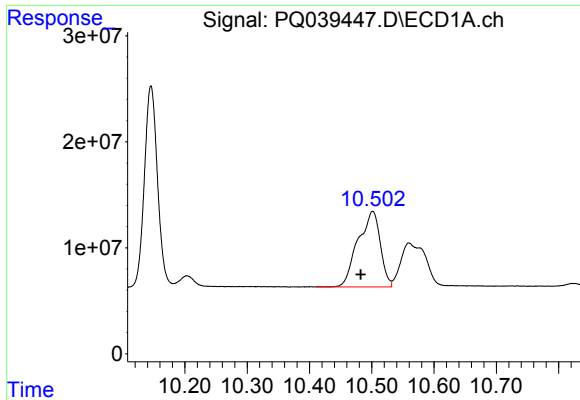
#40 AR-1262-5

R.T.: 11.289 min
Delta R.T.: 0.000 min
Response: 81677864
Conc: 363.36 ng/ml



#40 AR-1262-5

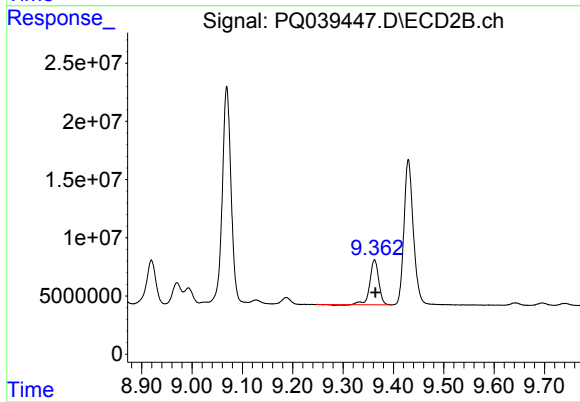
R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 54335911
Conc: 359.01 ng/ml



#41 AR-1268-1

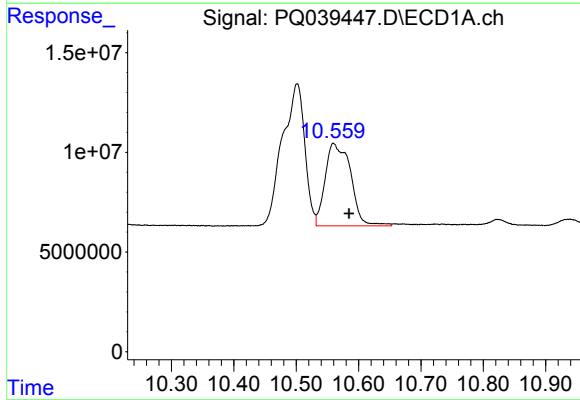
R.T.: 10.502 min
Delta R.T.: 0.020 min
Response: 177519696
Conc: 127.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



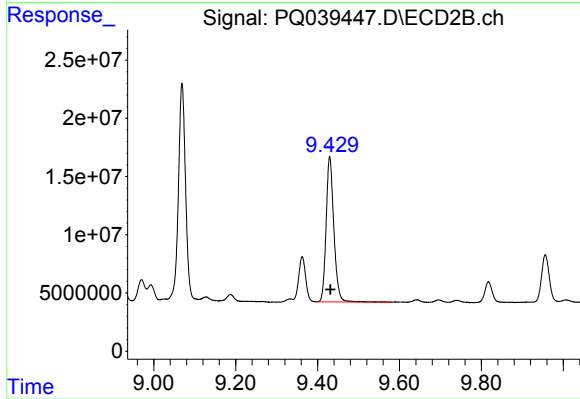
#41 AR-1268-1

R.T.: 9.363 min
Delta R.T.: -0.001 min
Response: 47060044
Conc: 44.74 ng/ml



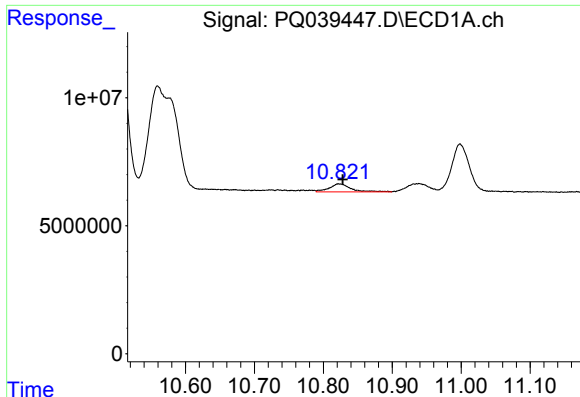
#42 AR-1268-2

R.T.: 10.560 min
Delta R.T.: -0.025 min
Response: 117079289
Conc: 87.18 ng/ml



#42 AR-1268-2

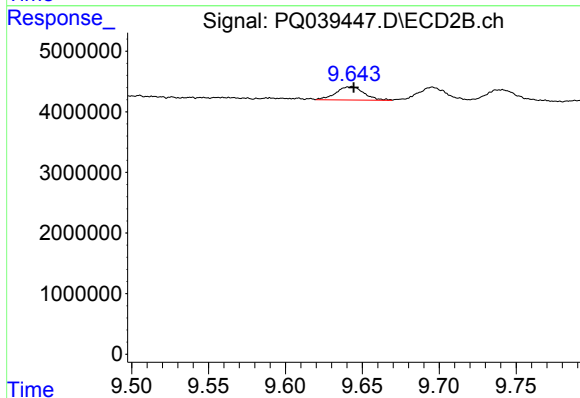
R.T.: 9.430 min
Delta R.T.: -0.002 min
Response: 163141286
Conc: 168.15 ng/ml



#43 AR-1268-3

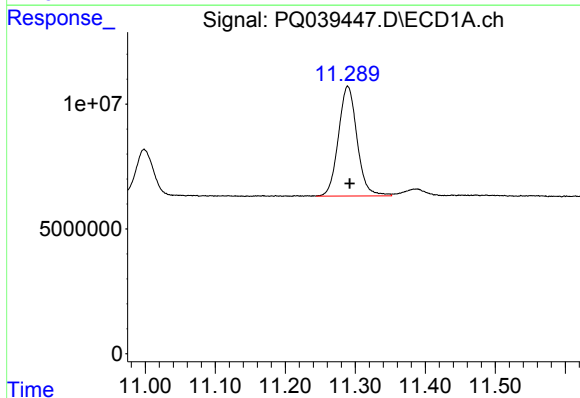
R.T.: 10.823 min
Delta R.T.: -0.006 min
Response: 6876338
Conc: 5.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



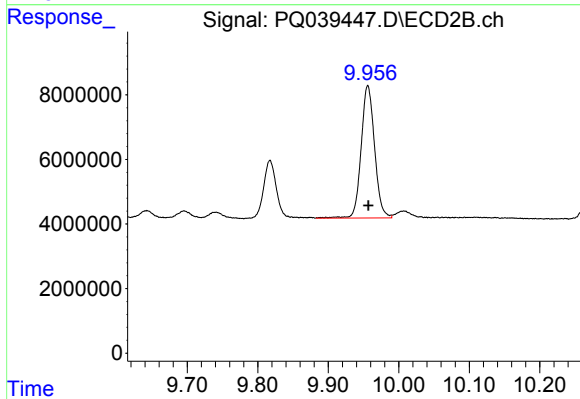
#43 AR-1268-3

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 2766503
Conc: 3.36 ng/ml



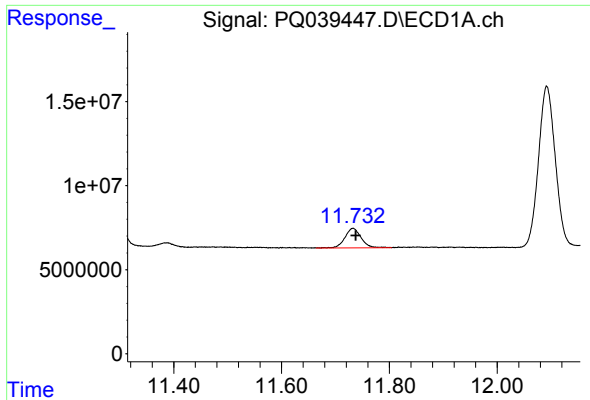
#44 AR-1268-4

R.T.: 11.289 min
Delta R.T.: -0.003 min
Response: 81677864
Conc: 190.78 ng/ml



#44 AR-1268-4

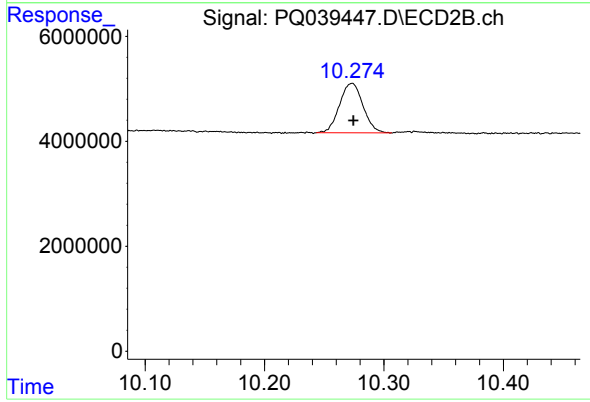
R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 54335911
Conc: 181.65 ng/ml



#45 AR-1268-5

R.T.: 11.732 min
Delta R.T.: -0.005 min
Response: 24058524
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660312



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: -0.002 min
Response: 12914267
Conc: 5.20 ng/ml