

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050319\
 Data File : PQ039335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2019 13:42
 Operator : AJ\SJ
 Sample : K2602-04
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFH59

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:38:36 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...	5.699	4.792	81211083	47353889	26.803	28.573
2)	SA Decachlor...	12.102	10.554	229.5E6	114.4E6	37.555	33.908
Target Compounds							
3)	L1 AR-1016-1	7.148	6.244	4376987	2960067	24.979	26.595
4)	L1 AR-1016-2	7.173	6.266	7026762	3497407	26.714	21.707
5)	L1 AR-1016-3	7.242	6.481	1193468	3097754	7.170	37.058 #
6)	L1 AR-1016-4	7.356	6.534	9269624	23439885	67.675	351.418 #
7)	L1 AR-1016-5	7.691	6.787	20814809	11441219	149.405	116.934
8)	L2 AR-1221-1	6.026	5.091	8095226	872476	204.437	38.321 #
9)	L2 AR-1221-2	6.090	5.212	1949436	962220	67.571	58.668
10)	L2 AR-1221-3	6.205	0.000	1699188	0	16.994	N.D. #
11)	L3 AR-1232-1	6.205	0.000	1699188	0	25.379	N.D. #
12)	L3 AR-1232-2	6.829	6.266	-263071	3497407	N.D.	80.739 #
13)	L3 AR-1232-3	7.173	6.481	7026762	3097754	95.708	138.698 #
14)	L3 AR-1232-4	7.356	6.582	9269624	10398348	237.366	475.285 #
15)	L3 AR-1232-5	7.462	6.787	37360218	11441219	1331.348	454.118 #
16)	L4 AR-1242-1	7.148	6.244	4376987	2960067	39.679	42.651
17)	L4 AR-1242-2	7.173	6.266	7026762	3497407	42.709	35.053
18)	L4 AR-1242-3	7.242	6.481	1193468	3097754	11.309	57.696 #
19)	L4 AR-1242-4	7.356	6.582	9269624	10398348	103.995	186.496 #
20)	L4 AR-1242-5	8.181	7.196	53910260	337.8E6	552.102	4460.224 #
21)	L5 AR-1248-1	7.148	6.244	4376987	2960067	37.233	38.045
22)	L5 AR-1248-2	7.462	6.534	37360218	23439885	228.047	217.202
23)	L5 AR-1248-3	7.691	6.582	20814809	10398348	106.831	91.815
24)	L5 AR-1248-4	8.109	6.787	475.5E6	11441219	2202.301	81.106 #
25)	L5 AR-1248-5	8.181	7.243	53910260	21689603	253.237	153.764 #
26)	L6 AR-1254-1	8.109	7.196	475.5E6	337.8E6	2361.054	1706.385 #
27)	L6 AR-1254-2	8.345	7.364	796.1E6	568.5E6	2500.828	3223.711 #
28)	L6 AR-1254-3	8.742	7.828	516.1E6	1447.7E6	1514.424	4850.179 #
29)	L6 AR-1254-4	9.044	8.062	370.7E6	113.0E6	1566.166	651.048 #
30)	L6 AR-1254-5	9.484	8.508	5925.4E6	3953.7E6	21735.076	15413.083 #
31)	L7 AR-1260-1	8.914	7.953	3404.3E6	2463.3E6	10343.393	10427.124
32)	L7 AR-1260-2	9.185	8.157	4609.4E6	3315.0E6	11651.392	11209.787
33)	L7 AR-1260-3	9.561	8.322	3660.8E6	2765.2E6	11905.519	9921.485
34)	L7 AR-1260-4	9.805	8.819	4256.2E6	2564.1E6	11739.277	10807.779
35)	L7 AR-1260-5	10.152	9.073	9015.6E6	6234.6E6	11841.414	10423.940
36)	L8 AR-1262-1	9.561	8.545	3660.8E6	2847.9E6	10685.780	10309.615
37)	L8 AR-1262-2	10.152	9.073	9015.6E6	6234.6E6	14772.237	12741.155
38)	L8 AR-1262-3	10.509	9.365	6237.3E6	1300.1E6	14807.689	6977.300 #
39)	L8 AR-1262-4	10.585	9.433	1336.9E6	4957.4E6	3915.838	13777.029 #
40)	L8 AR-1262-5	11.297	9.960	2641.2E6	1664.9E6	11749.830	11000.153
41)	L9 AR-1268-1	10.509	9.365	6237.3E6	1300.1E6	4483.428	1235.876 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050319\
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 Acq On : 02 May 2019 13:42
 Operator : AJ\SJ
 Sample : K2602-04
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

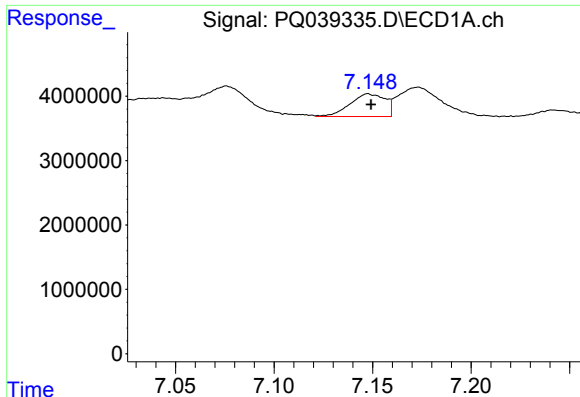
Instrument :
 ECD_Q
 ClientSampleId :
 BFH59

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:38:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 02 08:13:50 2019
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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	10.585	9.433	1336.9E6	4957.4E6	995.468	5109.452 #
43) L9	AR-1268-3	10.831	9.646	108.7E6	54401256	93.644	65.983 #
44) L9	AR-1268-4	11.297	9.960	2641.2E6	1664.9E6	6169.104	5565.684
45) L9	AR-1268-5	11.741	10.277	526.6E6	306.2E6	138.051	123.401

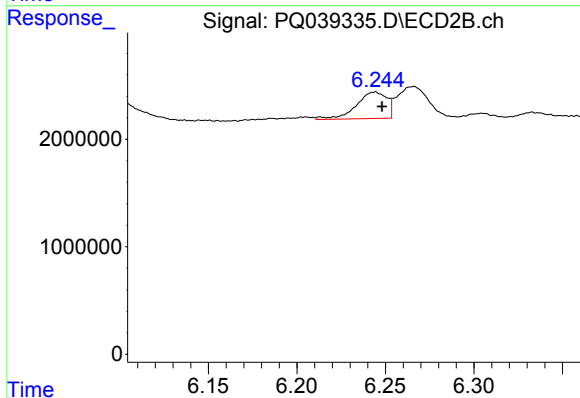
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

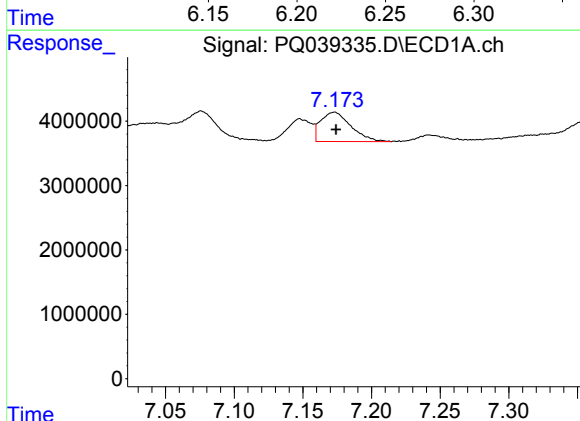
R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 4376987
Conc: 24.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



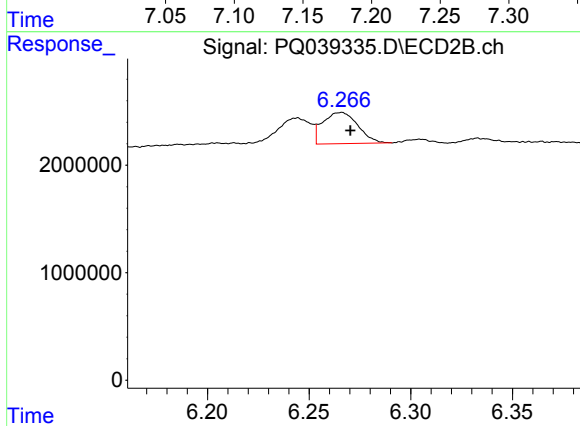
#3 AR-1016-1

R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 2960067
Conc: 26.60 ng/ml



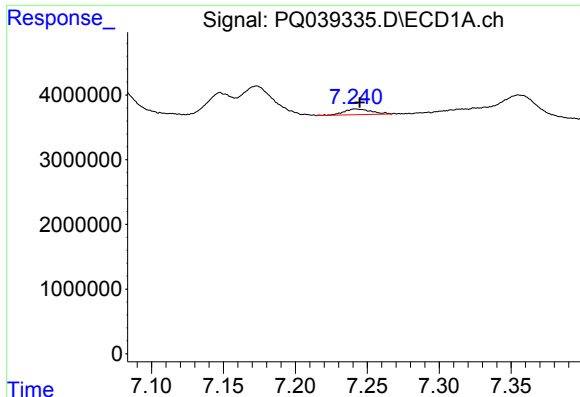
#4 AR-1016-2

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 7026762
Conc: 26.71 ng/ml



#4 AR-1016-2

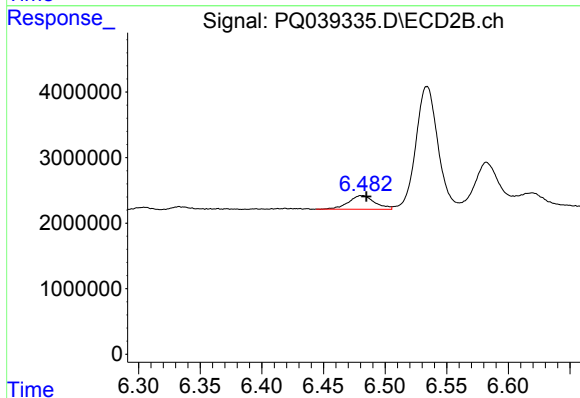
R.T.: 6.266 min
Delta R.T.: -0.005 min
Response: 3497407
Conc: 21.71 ng/ml



#5 AR-1016-3

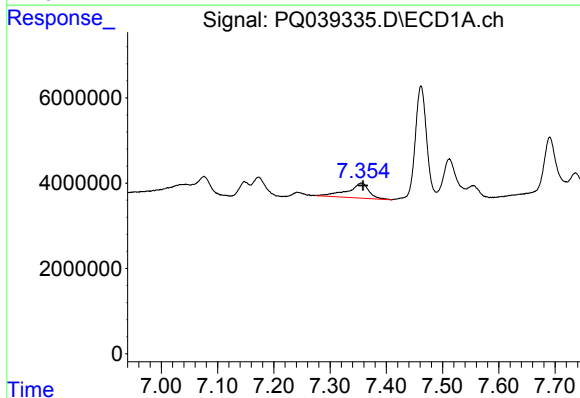
R.T.: 7.242 min
Delta R.T.: -0.003 min
Response: 1193468
Conc: 7.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



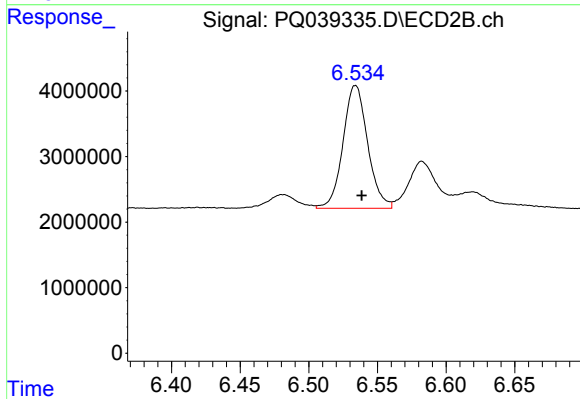
#5 AR-1016-3

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 3097754
Conc: 37.06 ng/ml



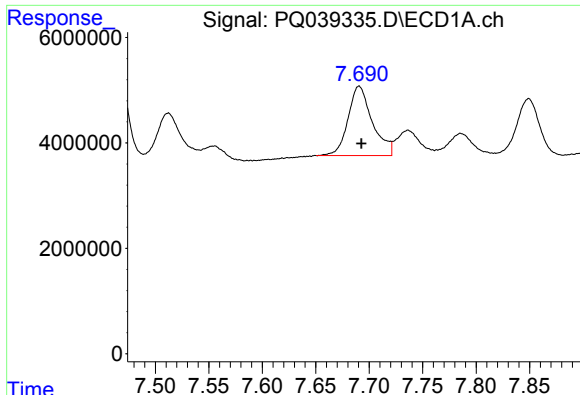
#6 AR-1016-4

R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 9269624
Conc: 67.67 ng/ml



#6 AR-1016-4

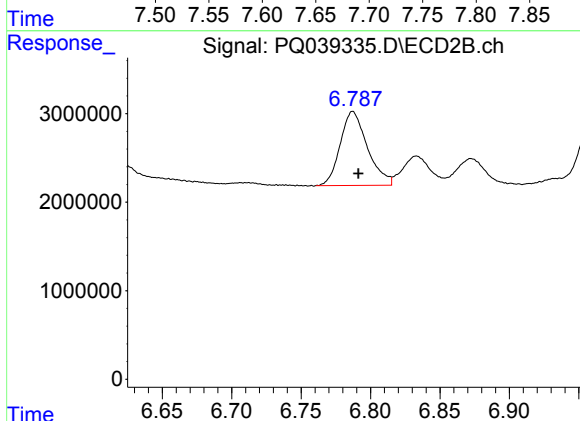
R.T.: 6.534 min
Delta R.T.: -0.005 min
Response: 23439885
Conc: 351.42 ng/ml



#7 AR-1016-5

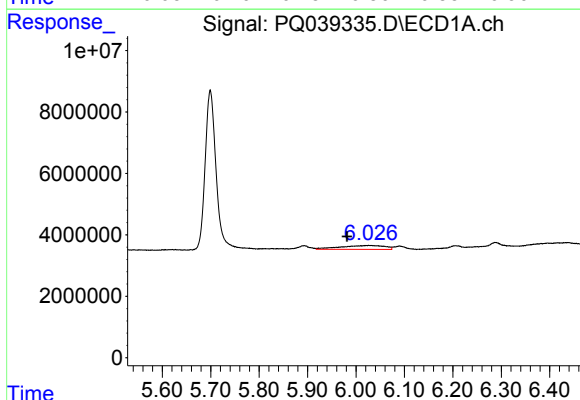
R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 20814809
Conc: 149.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



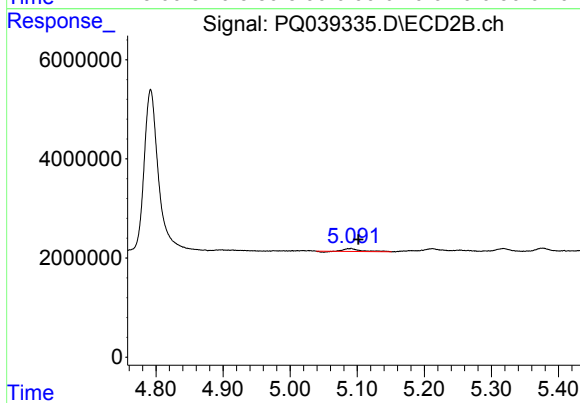
#7 AR-1016-5

R.T.: 6.787 min
Delta R.T.: -0.004 min
Response: 11441219
Conc: 116.93 ng/ml



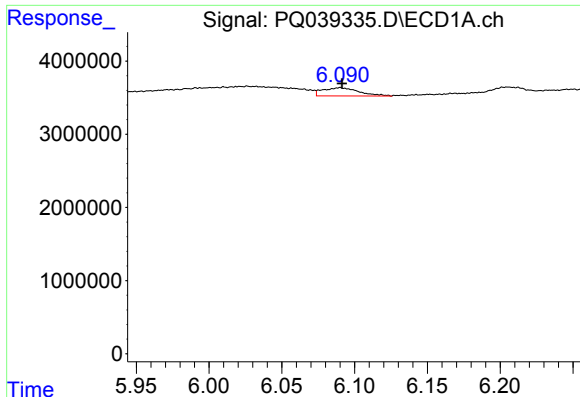
#8 AR-1221-1

R.T.: 6.026 min
Delta R.T.: 0.045 min
Response: 8095226
Conc: 204.44 ng/ml



#8 AR-1221-1

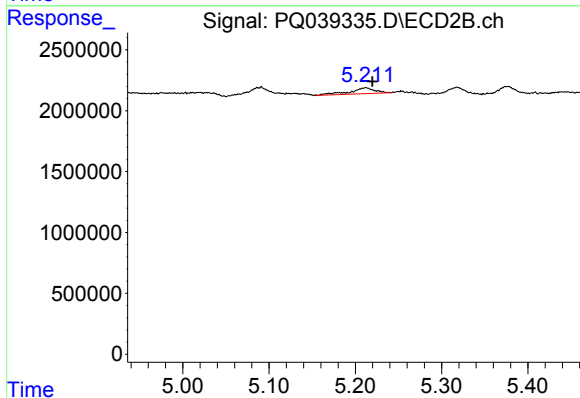
R.T.: 5.091 min
Delta R.T.: -0.011 min
Response: 872476
Conc: 38.32 ng/ml



#9 AR-1221-2

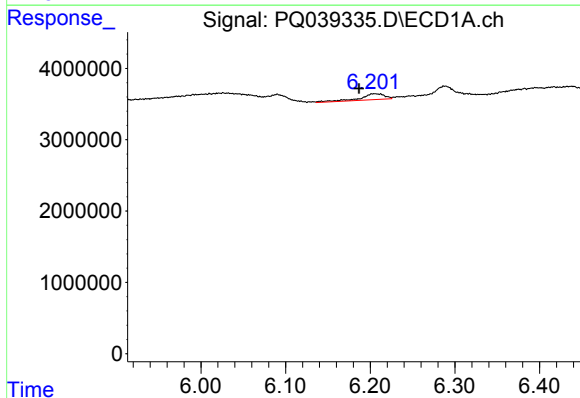
R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 1949436
Conc: 67.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



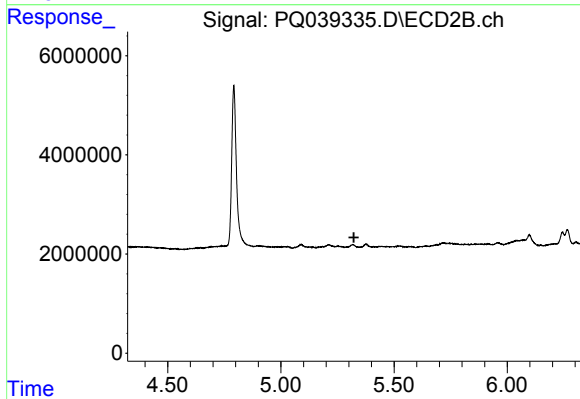
#9 AR-1221-2

R.T.: 5.212 min
Delta R.T.: -0.007 min
Response: 962220
Conc: 58.67 ng/ml



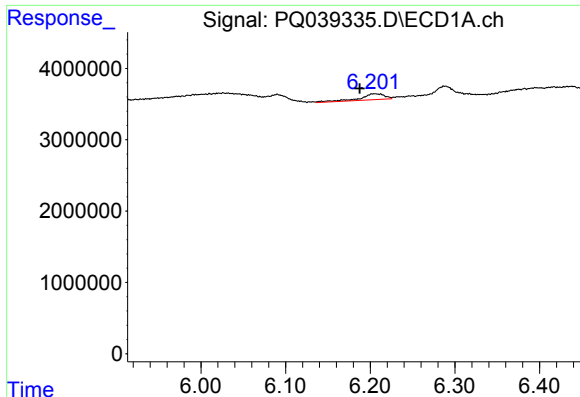
#10 AR-1221-3

R.T.: 6.205 min
Delta R.T.: 0.018 min
Response: 1699188
Conc: 16.99 ng/ml



#10 AR-1221-3

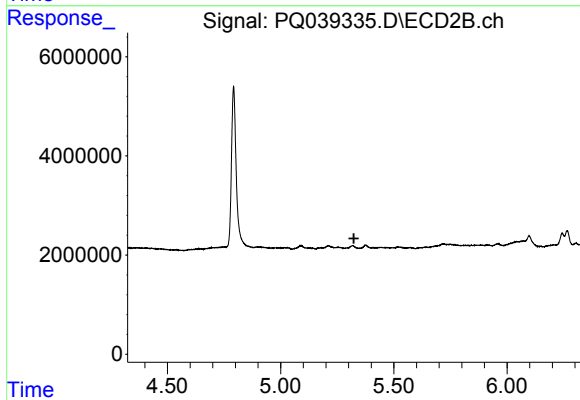
R.T.: 0.000 min
Exp R.T.: 5.322 min
Response: 0
Conc: N.D.



#11 AR-1232-1

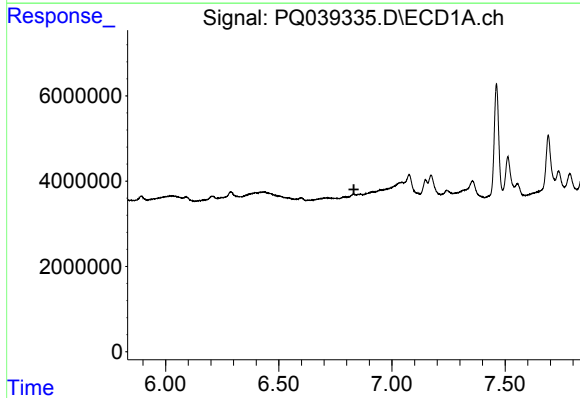
R.T.: 6.205 min
Delta R.T.: 0.018 min
Response: 1699188
Conc: 25.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



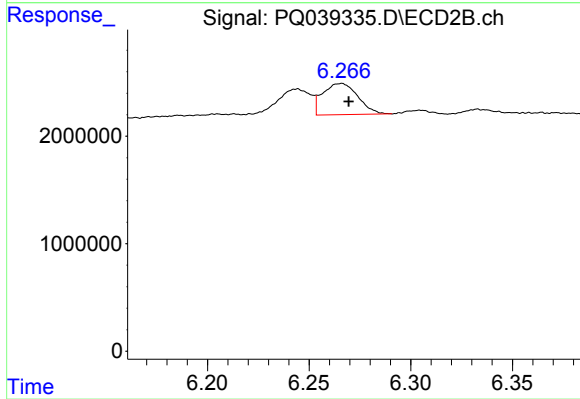
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.323 min
Response: 0
Conc: N.D.



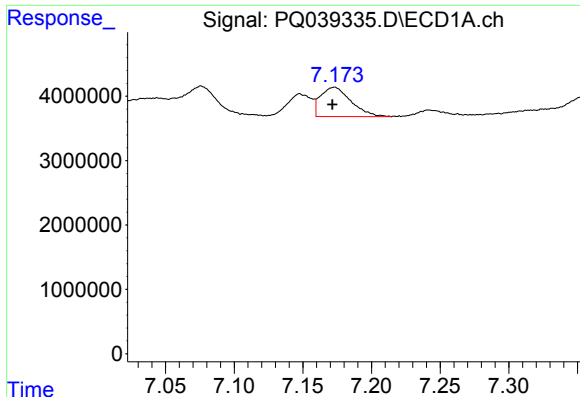
#12 AR-1232-2

R.T.: 6.829 min
Delta R.T.: -0.003 min
Response: -263071
Conc: N.D.



#12 AR-1232-2

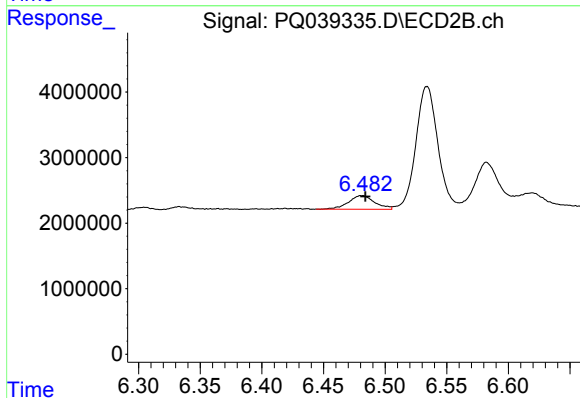
R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 3497407
Conc: 80.74 ng/ml



#13 AR-1232-3

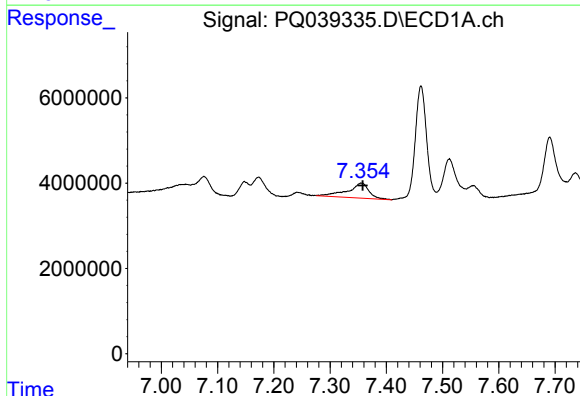
R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 7026762
Conc: 95.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



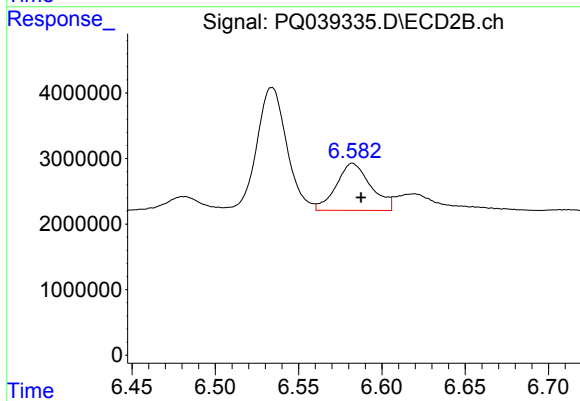
#13 AR-1232-3

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 3097754
Conc: 138.70 ng/ml



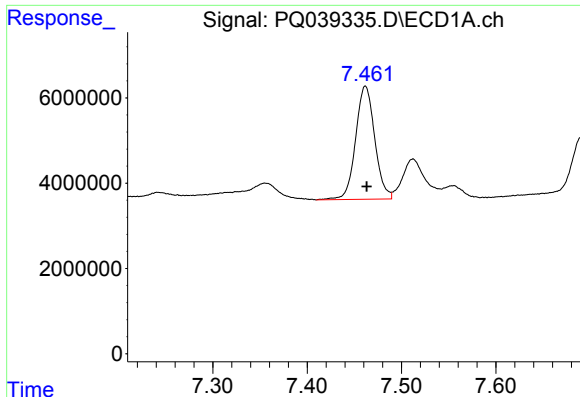
#14 AR-1232-4

R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 9269624
Conc: 237.37 ng/ml



#14 AR-1232-4

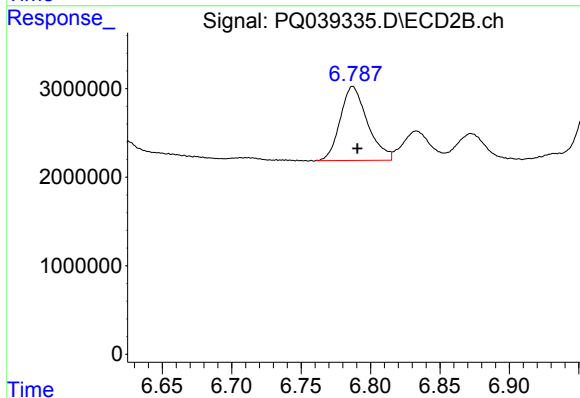
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 10398348
Conc: 475.29 ng/ml



#15 AR-1232-5

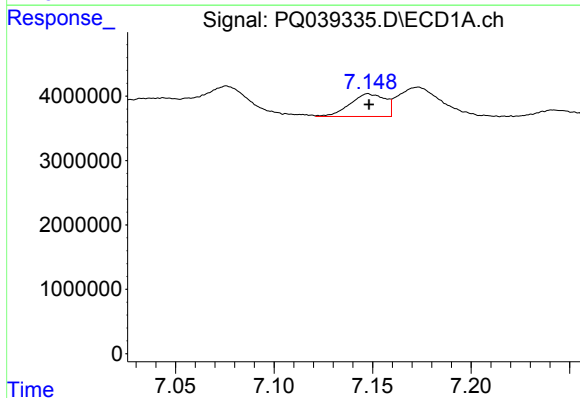
R.T.: 7.462 min
Delta R.T.: -0.001 min
Response: 37360218
Conc: 1331.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



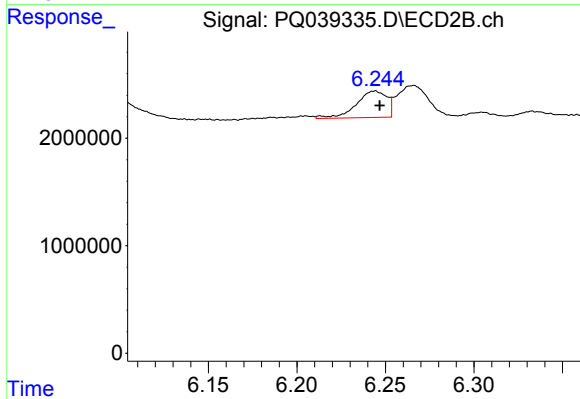
#15 AR-1232-5

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 11441219
Conc: 454.12 ng/ml



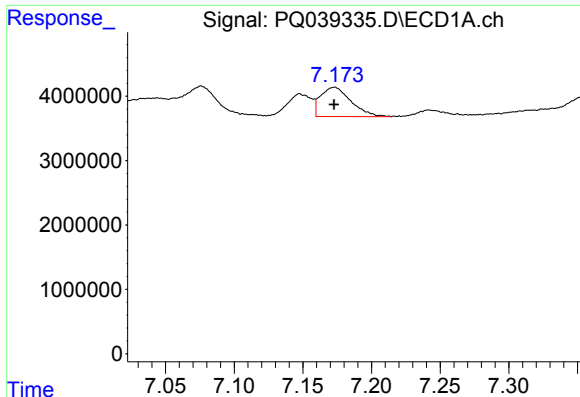
#16 AR-1242-1

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 4376987
Conc: 39.68 ng/ml



#16 AR-1242-1

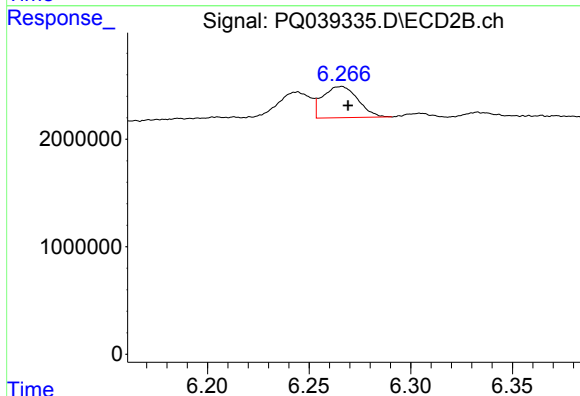
R.T.: 6.244 min
Delta R.T.: -0.003 min
Response: 2960067
Conc: 42.65 ng/ml



#17 AR-1242-2

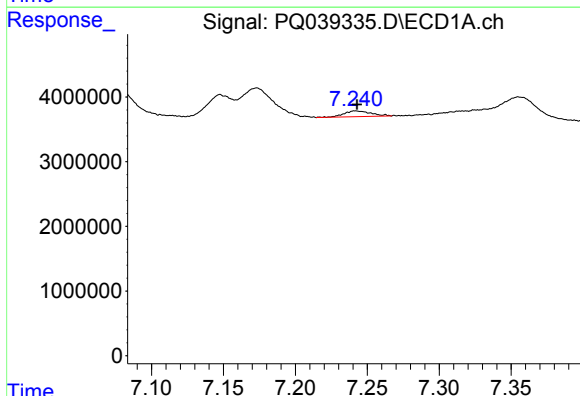
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 7026762
Conc: 42.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



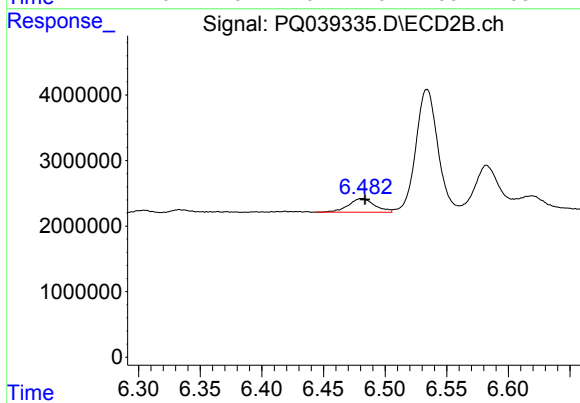
#17 AR-1242-2

R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 3497407
Conc: 35.05 ng/ml



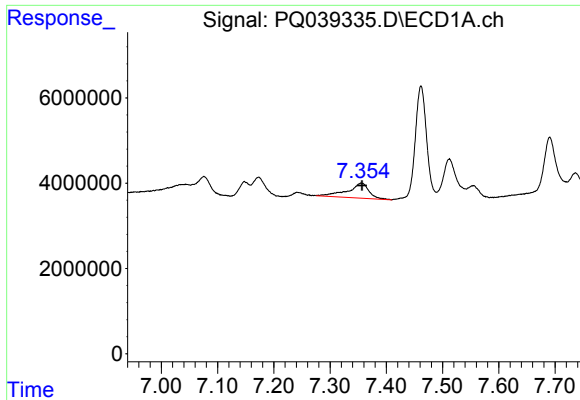
#18 AR-1242-3

R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 1193468
Conc: 11.31 ng/ml



#18 AR-1242-3

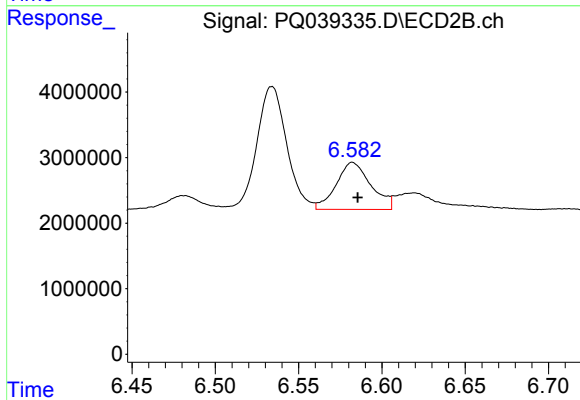
R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 3097754
Conc: 57.70 ng/ml



#19 AR-1242-4

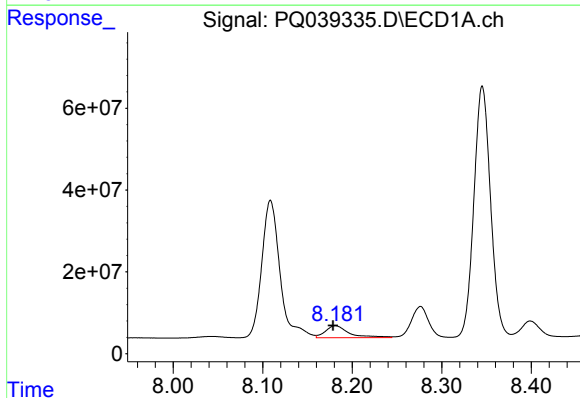
R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 9269624
Conc: 104.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



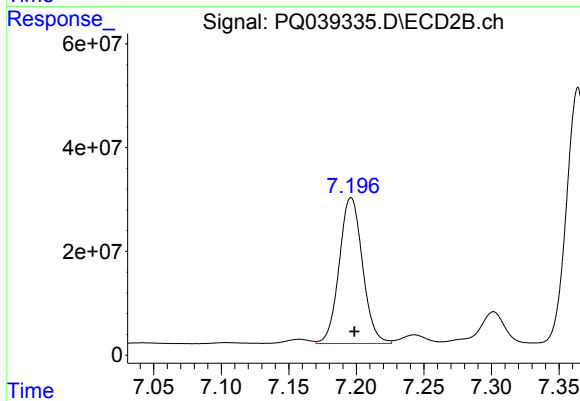
#19 AR-1242-4

R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 10398348
Conc: 186.50 ng/ml



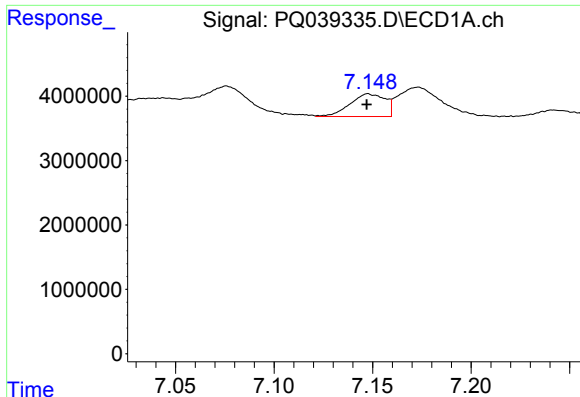
#20 AR-1242-5

R.T.: 8.181 min
Delta R.T.: 0.003 min
Response: 53910260
Conc: 552.10 ng/ml



#20 AR-1242-5

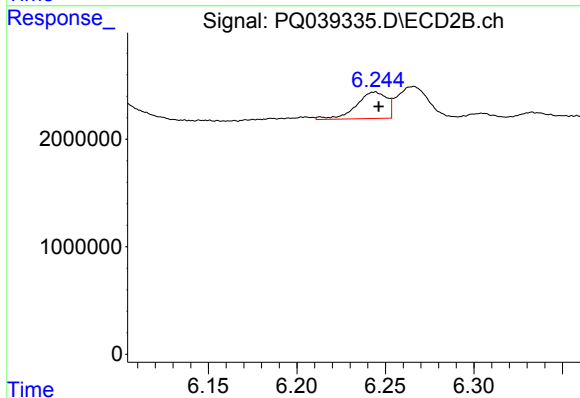
R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 337769897
Conc: 4460.22 ng/ml



#21 AR-1248-1

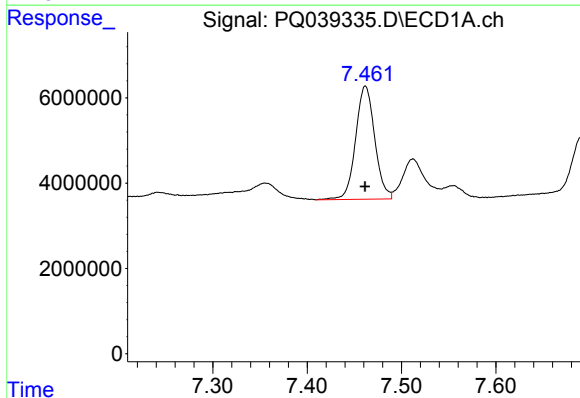
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 4376987
Conc: 37.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



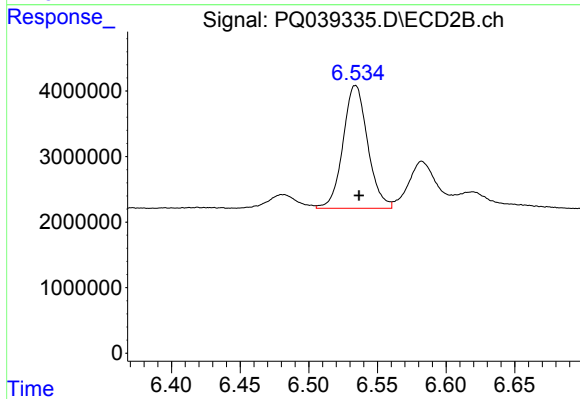
#21 AR-1248-1

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 2960067
Conc: 38.04 ng/ml



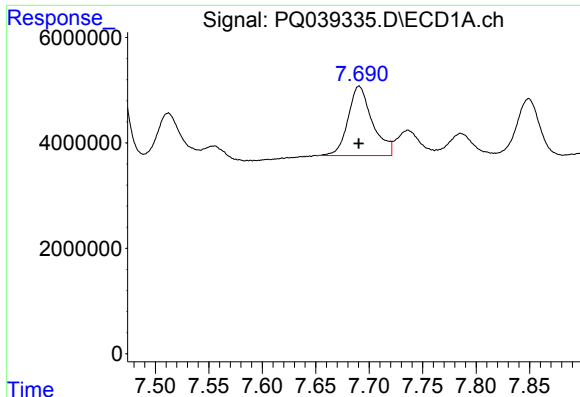
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 37360218
Conc: 228.05 ng/ml



#22 AR-1248-2

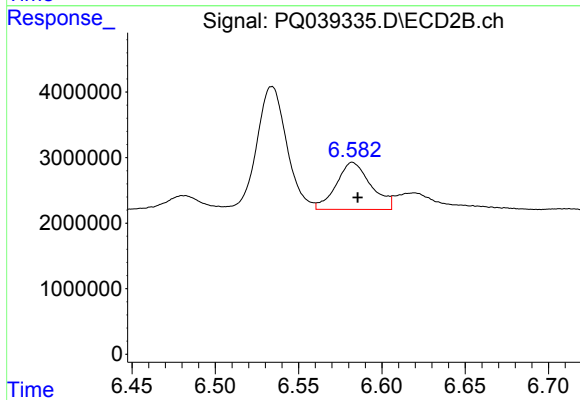
R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 23439885
Conc: 217.20 ng/ml



#23 AR-1248-3

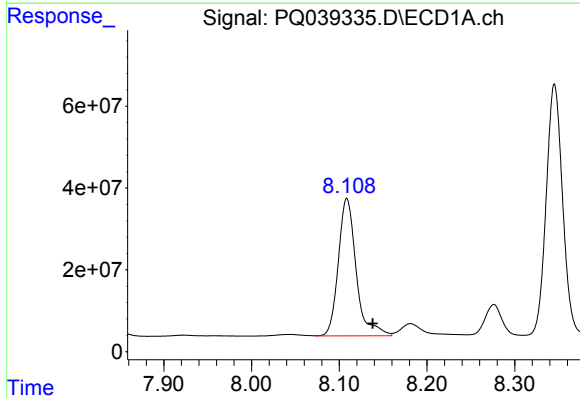
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 20814809
Conc: 106.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



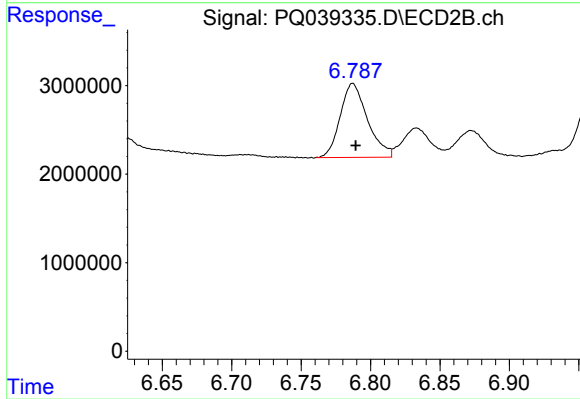
#23 AR-1248-3

R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 10398348
Conc: 91.81 ng/ml



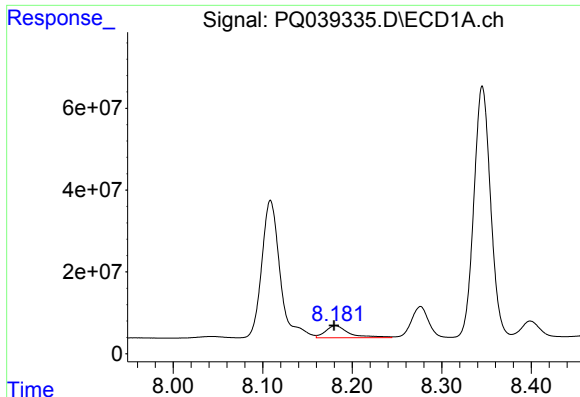
#24 AR-1248-4

R.T.: 8.109 min
Delta R.T.: -0.029 min
Response: 475516210
Conc: 2202.30 ng/ml



#24 AR-1248-4

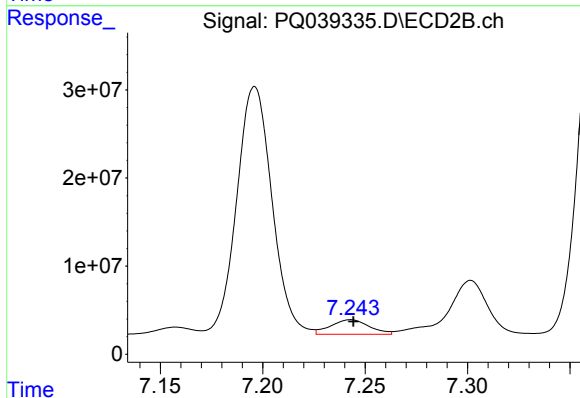
R.T.: 6.787 min
Delta R.T.: -0.002 min
Response: 11441219
Conc: 81.11 ng/ml



#25 AR-1248-5

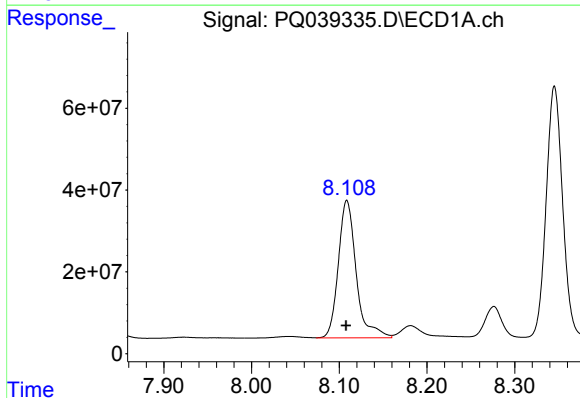
R.T.: 8.181 min
Delta R.T.: 0.002 min
Response: 53910260
Conc: 253.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



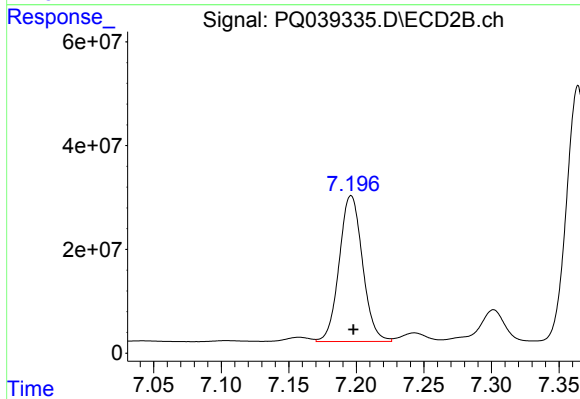
#25 AR-1248-5

R.T.: 7.243 min
Delta R.T.: -0.001 min
Response: 21689603
Conc: 153.76 ng/ml



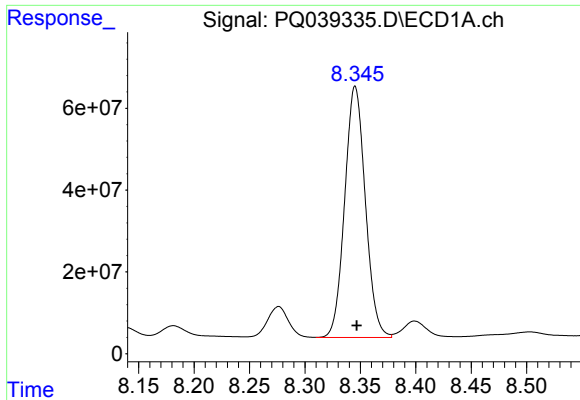
#26 AR-1254-1

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 475516210
Conc: 2361.05 ng/ml



#26 AR-1254-1

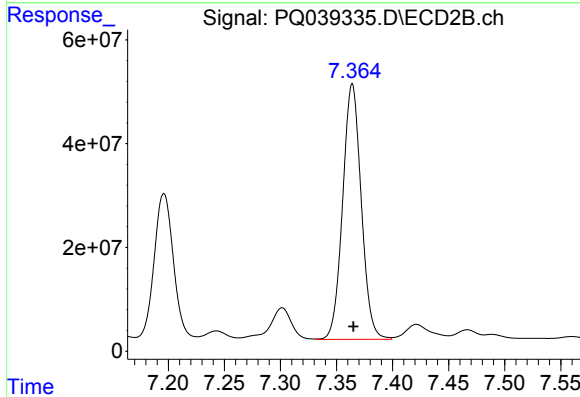
R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 337769897
Conc: 1706.39 ng/ml



#27 AR-1254-2

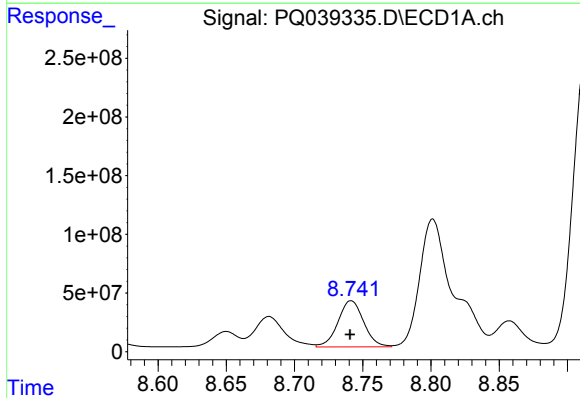
R.T.: 8.345 min
Delta R.T.: -0.001 min
Response: 796104279
Conc: 2500.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



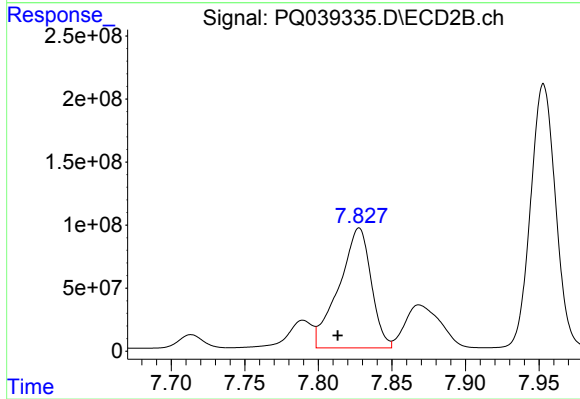
#27 AR-1254-2

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 568547798
Conc: 3223.71 ng/ml



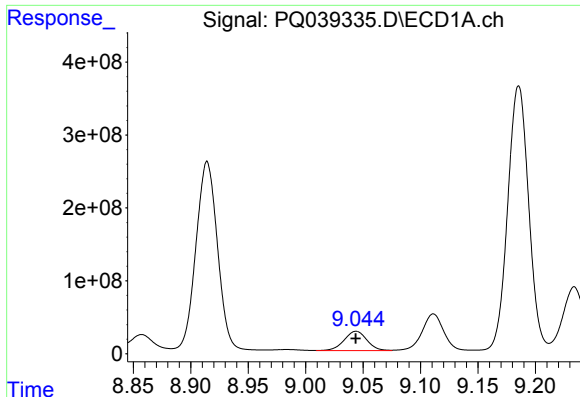
#28 AR-1254-3

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 516122935
Conc: 1514.42 ng/ml



#28 AR-1254-3

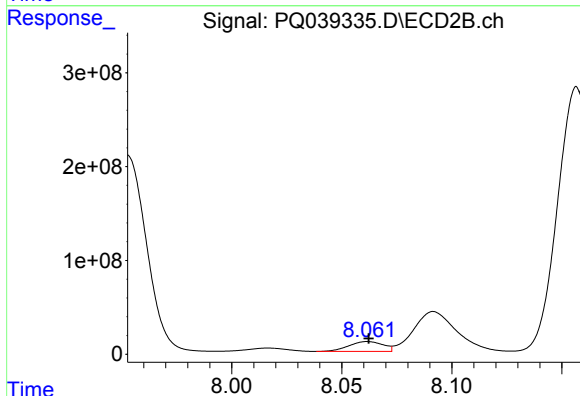
R.T.: 7.828 min
Delta R.T.: 0.015 min
Response: 1447698026
Conc: 4850.18 ng/ml



#29 AR-1254-4

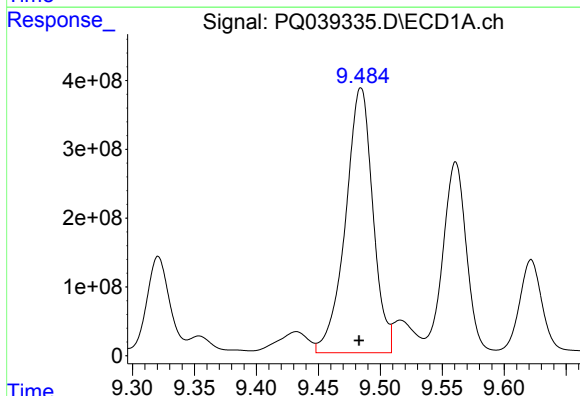
R.T.: 9.044 min
Delta R.T.: 0.000 min
Response: 370661791
Conc: 1566.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



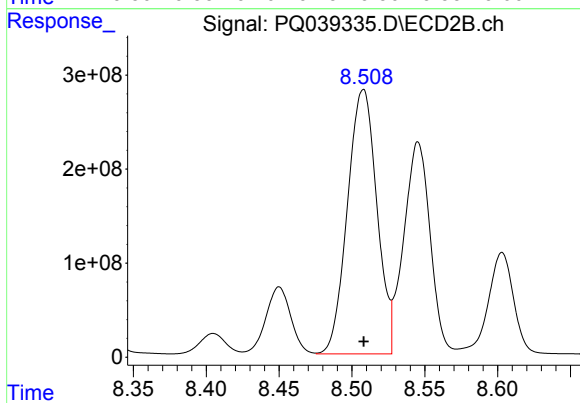
#29 AR-1254-4

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 112988146
Conc: 651.05 ng/ml



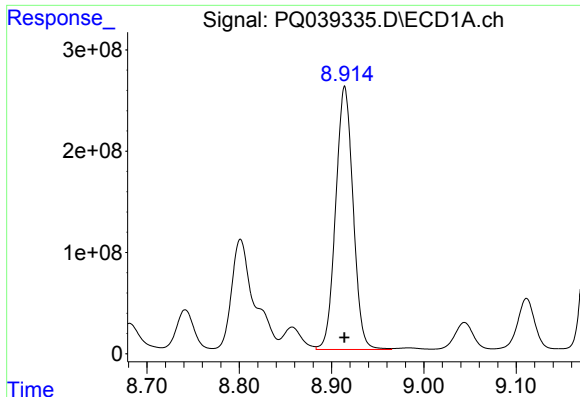
#30 AR-1254-5

R.T.: 9.484 min
Delta R.T.: 0.002 min
Response: 5925427148
Conc: 21735.08 ng/ml



#30 AR-1254-5

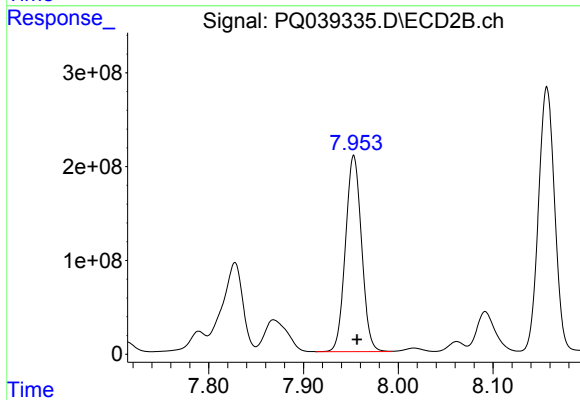
R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 3953742988
Conc: 15413.08 ng/ml



#31 AR-1260-1

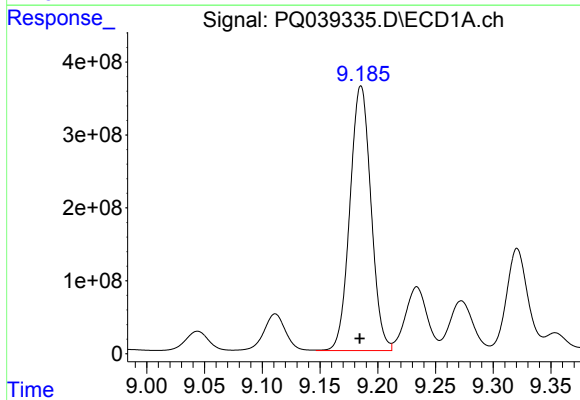
R.T.: 8.914 min
Delta R.T.: 0.000 min
Response: 3404273391
Conc: 10343.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



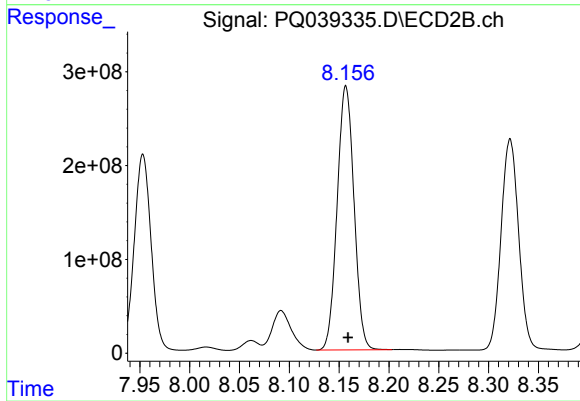
#31 AR-1260-1

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 2463305540
Conc: 10427.12 ng/ml



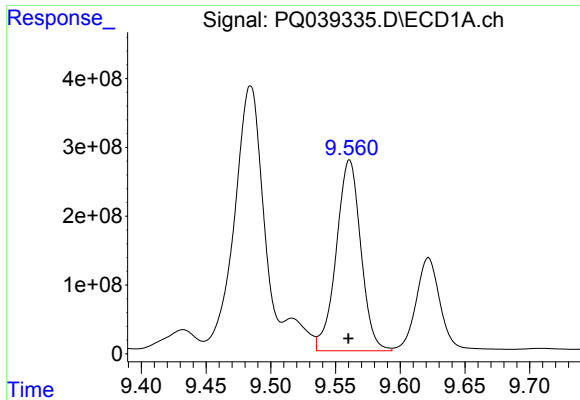
#32 AR-1260-2

R.T.: 9.185 min
Delta R.T.: 0.001 min
Response: 4609368309
Conc: 11651.39 ng/ml



#32 AR-1260-2

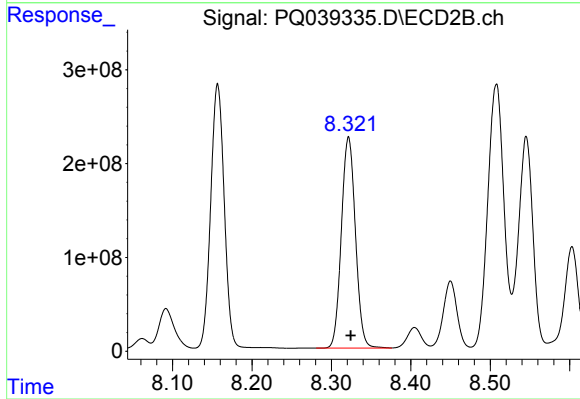
R.T.: 8.157 min
Delta R.T.: -0.002 min
Response: 3315033683
Conc: 11209.79 ng/ml



#33 AR-1260-3

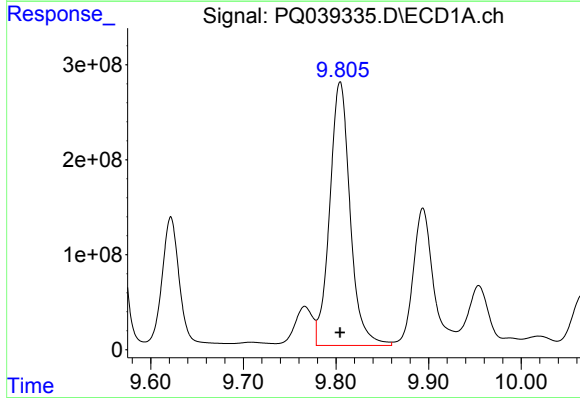
R.T.: 9.561 min
Delta R.T.: 0.000 min
Response: 3660760790
Conc: 11905.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



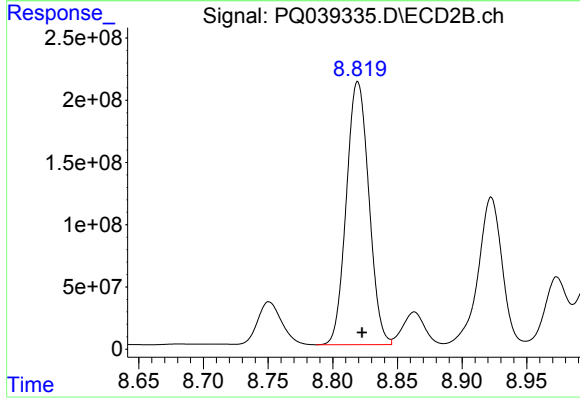
#33 AR-1260-3

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 2765161465
Conc: 9921.48 ng/ml



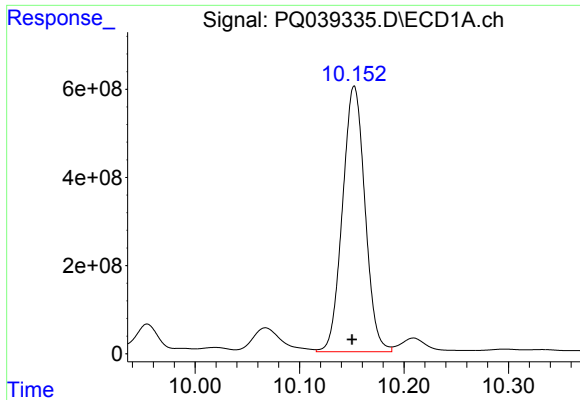
#34 AR-1260-4

R.T.: 9.805 min
Delta R.T.: 0.000 min
Response: 4256158024
Conc: 11739.28 ng/ml



#34 AR-1260-4

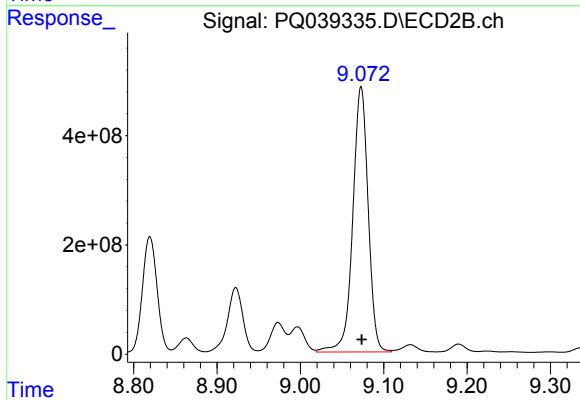
R.T.: 8.819 min
Delta R.T.: -0.003 min
Response: 2564104823
Conc: 10807.78 ng/ml



#35 AR-1260-5

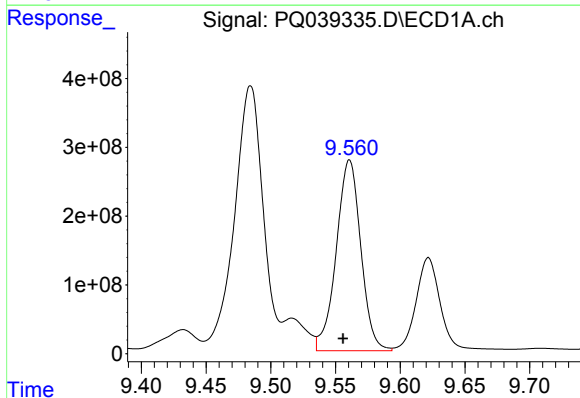
R.T.: 10.152 min
Delta R.T.: 0.002 min
Response: 9015571033
Conc: 11841.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



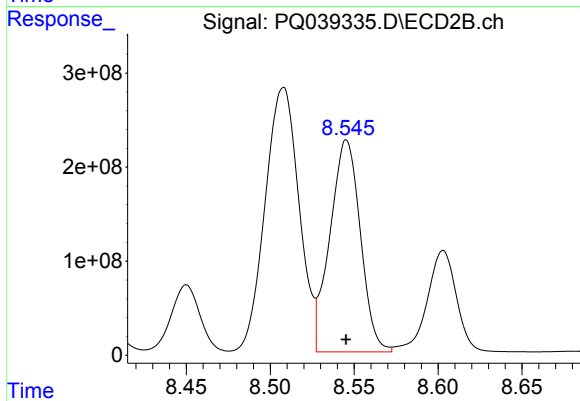
#35 AR-1260-5

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 6234551422
Conc: 10423.94 ng/ml



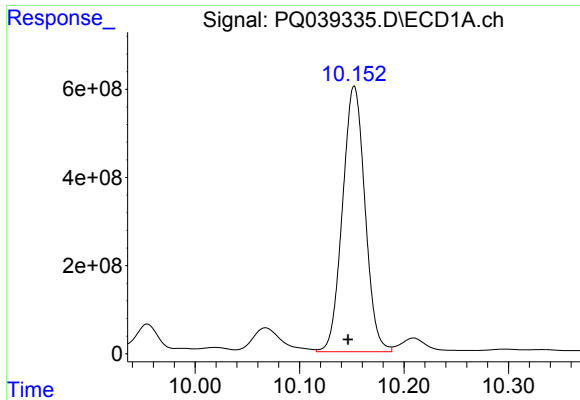
#36 AR-1262-1

R.T.: 9.561 min
Delta R.T.: 0.005 min
Response: 3660760790
Conc: 10685.78 ng/ml



#36 AR-1262-1

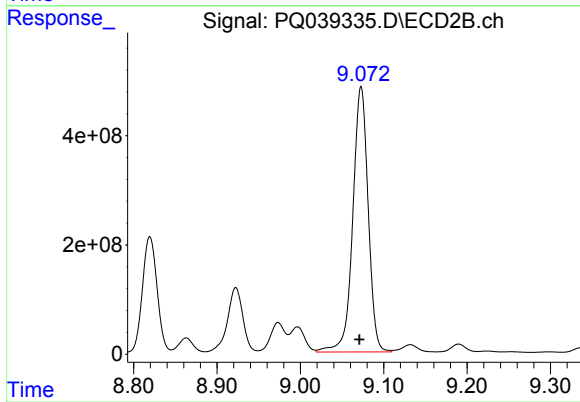
R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 2847933395
Conc: 10309.61 ng/ml



#37 AR-1262-2

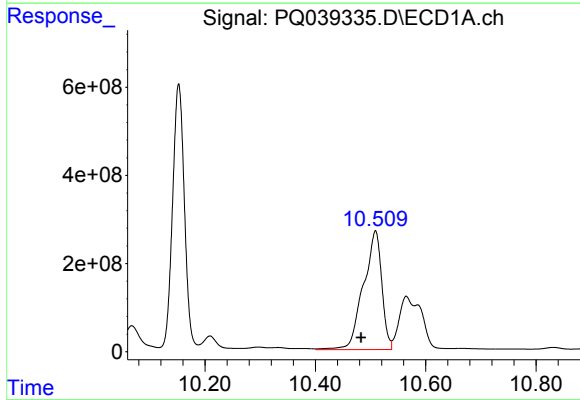
R.T.: 10.152 min
Delta R.T.: 0.006 min
Response: 9015571033
Conc: 14772.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



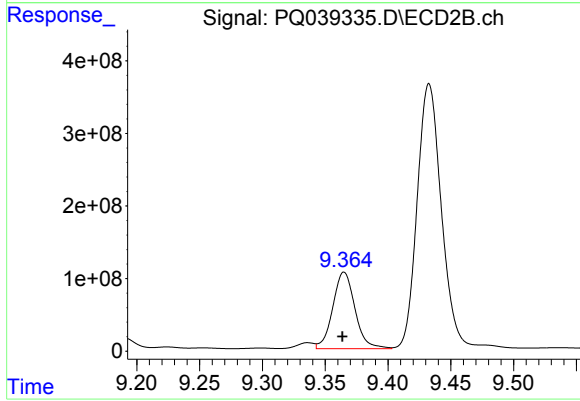
#37 AR-1262-2

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 6234551422
Conc: 12741.15 ng/ml



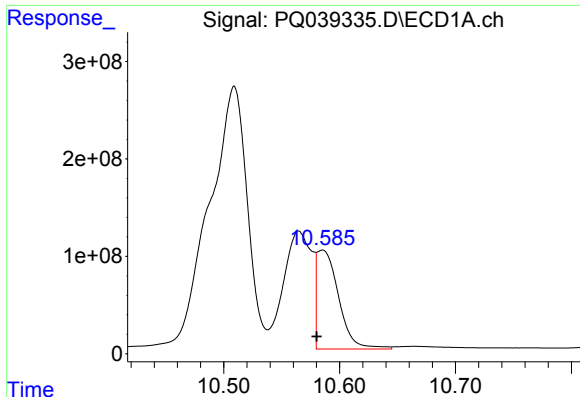
#38 AR-1262-3

R.T.: 10.509 min
Delta R.T.: 0.027 min
Response: 6237315155
Conc: 14807.69 ng/ml



#38 AR-1262-3

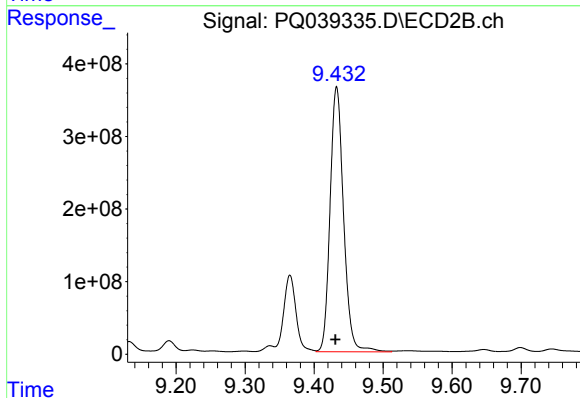
R.T.: 9.365 min
Delta R.T.: 0.001 min
Response: 1300050251
Conc: 6977.30 ng/ml



#39 AR-1262-4

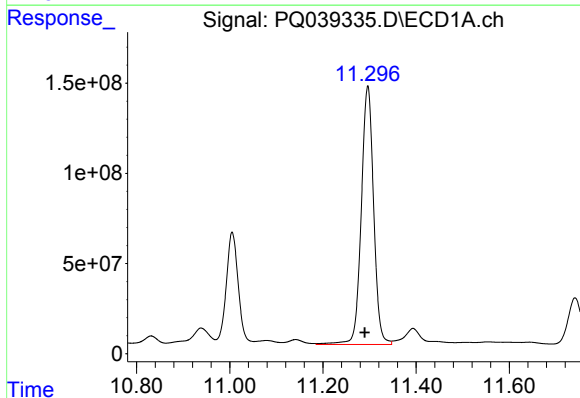
R.T.: 10.585 min
Delta R.T.: 0.005 min
Response: 1336866414
Conc: 3915.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



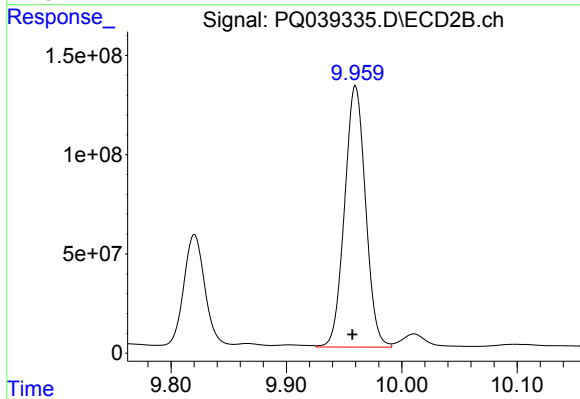
#39 AR-1262-4

R.T.: 9.433 min
Delta R.T.: 0.002 min
Response: 4957388845
Conc: 13777.03 ng/ml



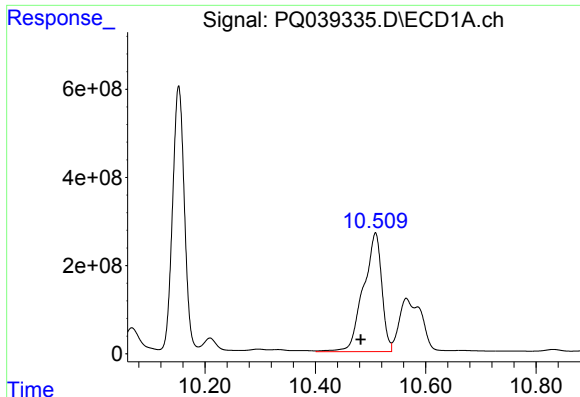
#40 AR-1262-5

R.T.: 11.297 min
Delta R.T.: 0.007 min
Response: 2641206240
Conc: 11749.83 ng/ml



#40 AR-1262-5

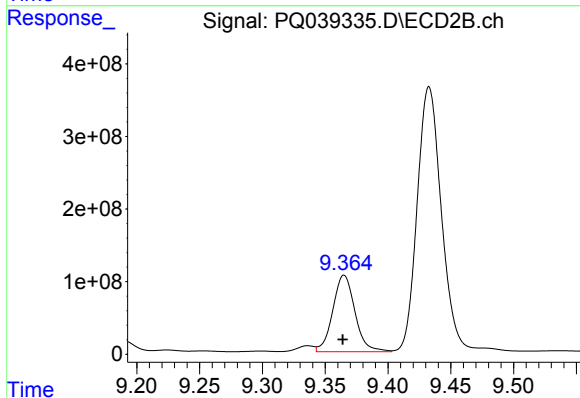
R.T.: 9.960 min
Delta R.T.: 0.003 min
Response: 1664860836
Conc: 11000.15 ng/ml



#41 AR-1268-1

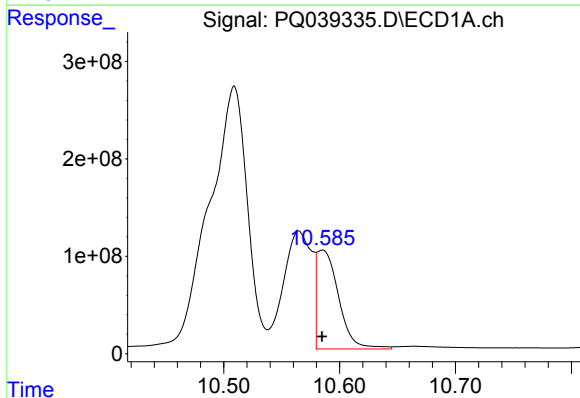
R.T.: 10.509 min
Delta R.T.: 0.027 min
Response: 6237315155
Conc: 4483.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



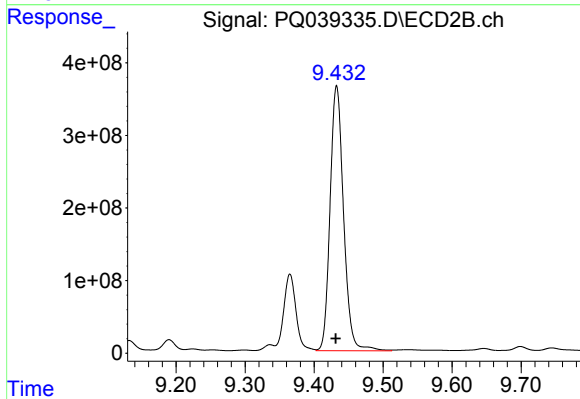
#41 AR-1268-1

R.T.: 9.365 min
Delta R.T.: 0.001 min
Response: 1300050251
Conc: 1235.88 ng/ml



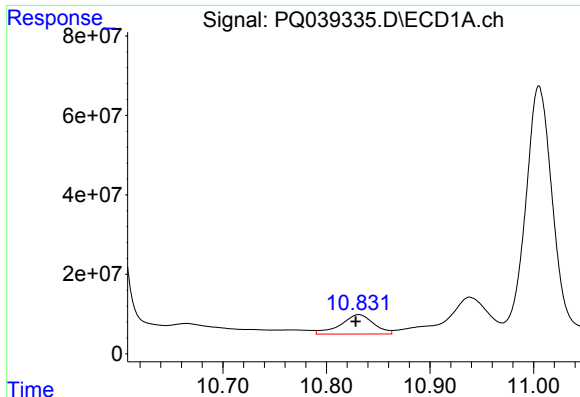
#42 AR-1268-2

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 1336866414
Conc: 995.47 ng/ml



#42 AR-1268-2

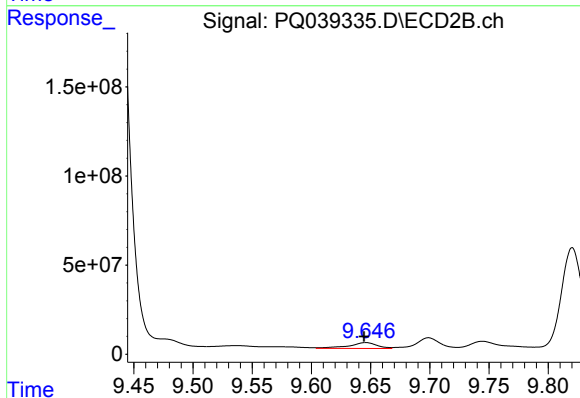
R.T.: 9.433 min
Delta R.T.: 0.001 min
Response: 4957388845
Conc: 5109.45 ng/ml



#43 AR-1268-3

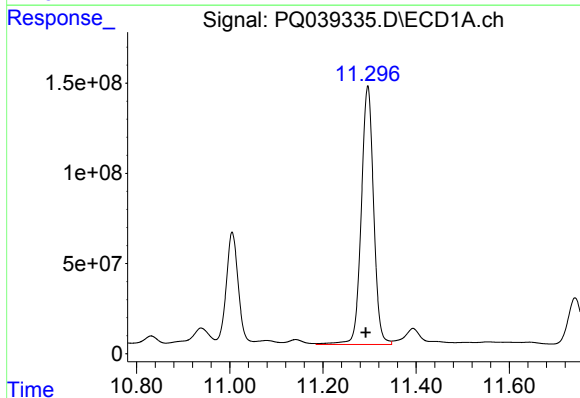
R.T.: 10.831 min
Delta R.T.: 0.003 min
Response: 108743354
Conc: 93.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



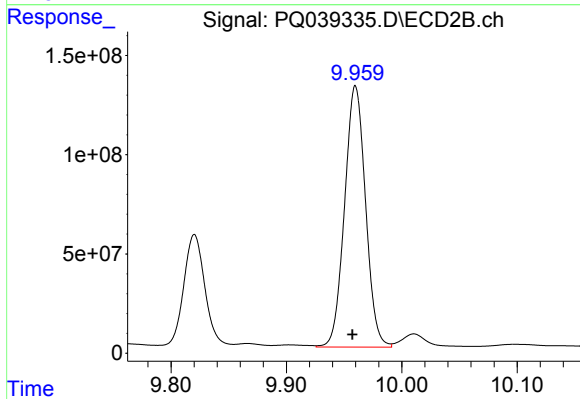
#43 AR-1268-3

R.T.: 9.646 min
Delta R.T.: 0.002 min
Response: 54401256
Conc: 65.98 ng/ml



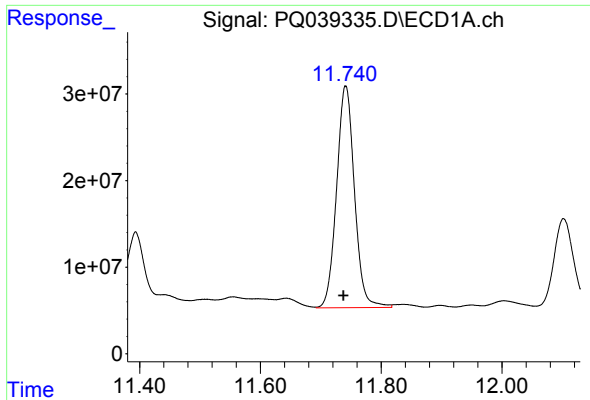
#44 AR-1268-4

R.T.: 11.297 min
Delta R.T.: 0.004 min
Response: 2641206240
Conc: 6169.10 ng/ml



#44 AR-1268-4

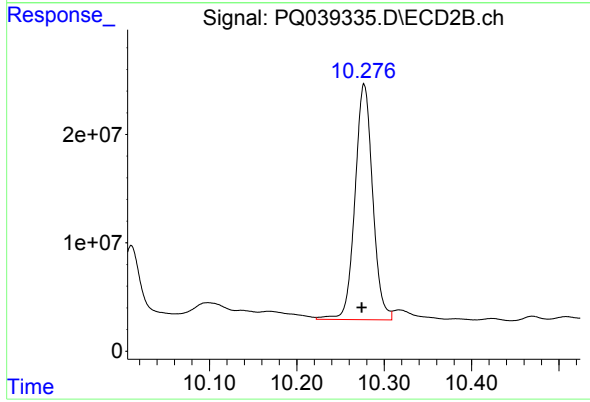
R.T.: 9.960 min
Delta R.T.: 0.003 min
Response: 1664860836
Conc: 5565.68 ng/ml



#45 AR-1268-5

R.T.: 11.741 min
Delta R.T.: 0.004 min
Response: 526590861
Conc: 138.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH59



#45 AR-1268-5

R.T.: 10.277 min
Delta R.T.: 0.003 min
Response: 306232701
Conc: 123.40 ng/ml