

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
 Data File : PQ039924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2019 12:11
 Operator : SM\AJ
 Sample : K2916-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMC2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:09:10 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...	5.621	4.742	125.7E6	95039684	18.651	19.788
2)	SA Decachlor...	11.957	10.473	117.0E6	64626547	18.742	16.739
Target Compounds							
3)	L1 AR-1016-1	7.070	6.188	23734323	17514590	73.514	68.958
4)	L1 AR-1016-2	7.095	6.210	65317312	36536796	137.882	100.490 #
5)	L1 AR-1016-3	7.175	6.425	6322734	30067477	22.309	163.968 #
6)	L1 AR-1016-4	7.276	6.478	36255195	143.8E6	155.995	1110.476 #
7)	L1 AR-1016-5	7.612	6.729	177.0E6	143.2E6	791.723	761.180
8)	L2 AR-1221-1	0.000	4.980	0	1872325	N.D.	36.956 #
9)	L2 AR-1221-2	6.013	5.160	2382247	1688209	49.415	49.465
10)	L2 AR-1221-3	6.127	0.000	1817972	0	11.053	N.D. #
11)	L3 AR-1232-1	6.127	0.000	1817972	0	14.561	N.D. #
12)	L3 AR-1232-2	6.753	6.210	11670957	36536796	192.993	394.511 #
13)	L3 AR-1232-3	7.095	6.425	65317312	30067477	524.118	608.590
14)	L3 AR-1232-4	7.276	6.526	36255195	117.9E6	588.275	2864.873 #
15)	L3 AR-1232-5	7.383	6.729	199.2E6	143.2E6	5001.206	3184.140 #
16)	L4 AR-1242-1	7.070	6.188	23734323	17514590	151.114	141.866
17)	L4 AR-1242-2	7.095	6.210	65317312	36536796	282.572	207.662 #
18)	L4 AR-1242-3	7.175	6.425	6322734	30067477	45.635	331.100 #
19)	L4 AR-1242-4	7.276	6.526	36255195	117.9E6	318.356	1393.672 #
20)	L4 AR-1242-5	8.101	7.139	288.7E6	246.9E6	2389.225	2303.205
21)	L5 AR-1248-1	7.070	6.188	23734323	17514590	182.762	173.328
22)	L5 AR-1248-2	7.383	6.478	199.2E6	143.8E6	1213.124	1135.781
23)	L5 AR-1248-3	7.612	6.526	177.0E6	117.9E6	912.057	889.273
24)	L5 AR-1248-4	8.059	6.729	192.6E6	143.2E6	892.294	873.792
25)	L5 AR-1248-5	8.101	7.185	288.7E6	219.4E6	1385.078	1353.890
26)	L6 AR-1254-1	8.028	7.139	206.5E6	246.9E6	894.444	932.386
27)	L6 AR-1254-2	8.270	7.306	335.1E6	113.9E6	929.778	499.078 #
28)	L6 AR-1254-3	8.662	7.754	259.6E6	236.1E6	683.682	638.915
29)	L6 AR-1254-4	8.964	8.004	121.9E6	99298978	446.606	432.643
30)	L6 AR-1254-5	9.402	8.448	89077036	103.8E6	296.409	333.336
31)	L7 AR-1260-1	8.832	7.893	67180193	97335784	150.562	264.226 #
32)	L7 AR-1260-2	9.103	8.098	114.8E6	42207567	213.567	92.781 #
33)	L7 AR-1260-3	9.476	8.261	31471110	41408565	78.441	98.579 #
34)	L7 AR-1260-4	9.715	8.758	43789936	20559966	95.210	62.118 #
35)	L7 AR-1260-5	10.059	9.011	52561083	69029094	54.522	84.152 #
36)	L8 AR-1262-1	9.536	8.541	15792519	20902140	102.926	156.380 #
37)	L8 AR-1262-2	10.059	9.011	52561083	69029094	77.740	115.230 #
38)	L8 AR-1262-3	10.410	9.303	31921514	9096059	69.503	39.460 #
39)	L8 AR-1262-4	10.466	9.371	19329932	30656360	52.523	72.106 #
40)	L8 AR-1262-5	11.179	9.893	11280566	10456907	46.924	58.381
41)	L9 AR-1268-1	10.410	9.303	31921514	9096059	26.360	8.792 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
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 Acq On : 18 May 2019 12:11
 Operator : SM\AJ
 Sample : K2916-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

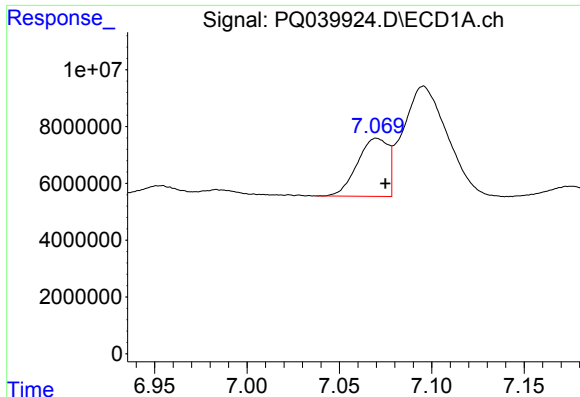
Instrument :
 ECD_Q
 ClientSampleId :
 ETMC2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:09:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
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 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	10.466	9.371	19329932	30656360	16.794	32.037 #
43) L9	AR-1268-3	10.719	9.577	2250018	1707357	2.218	2.123
44) L9	AR-1268-4	11.179	9.893	11280566	10456907	29.848	34.861
45) L9	AR-1268-5	11.606	10.204	5605586	2412586	1.692	0.981 #

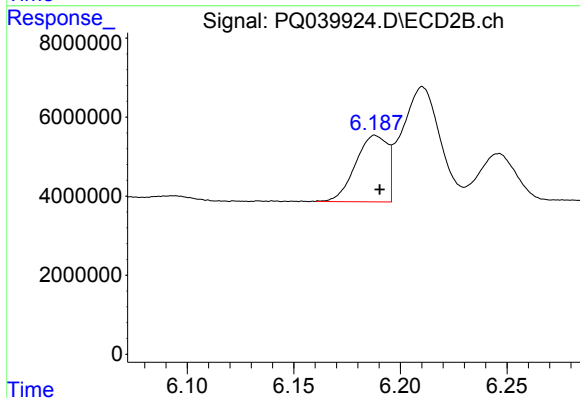
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

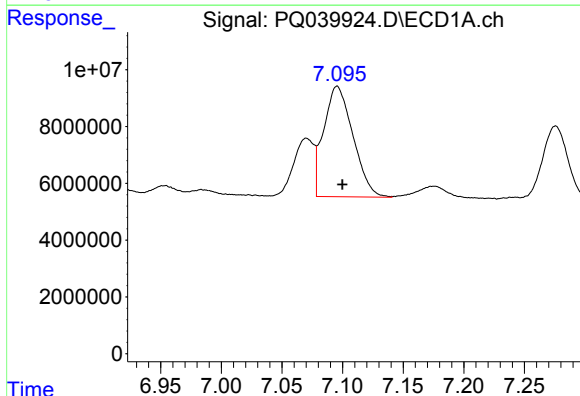
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 23734323
Conc: 73.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



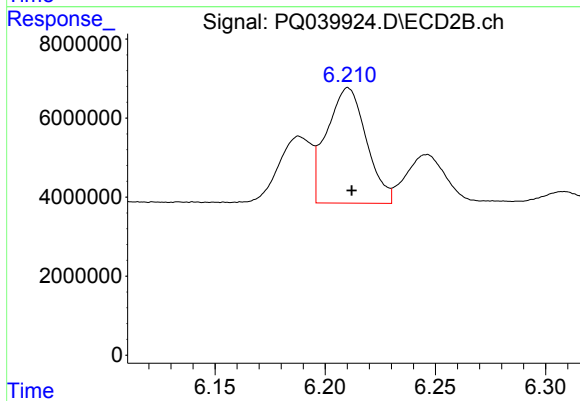
#3 AR-1016-1

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 17514590
Conc: 68.96 ng/ml



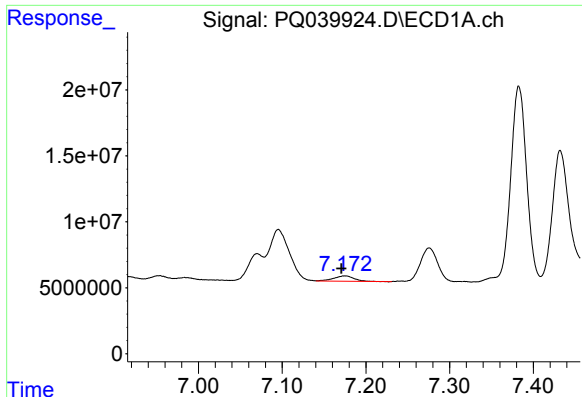
#4 AR-1016-2

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 65317312
Conc: 137.88 ng/ml



#4 AR-1016-2

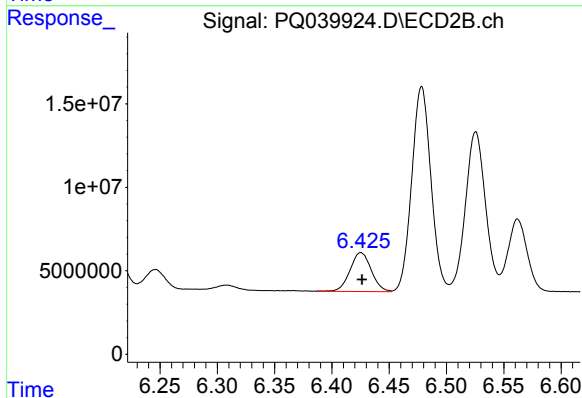
R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 36536796
Conc: 100.49 ng/ml



#5 AR-1016-3

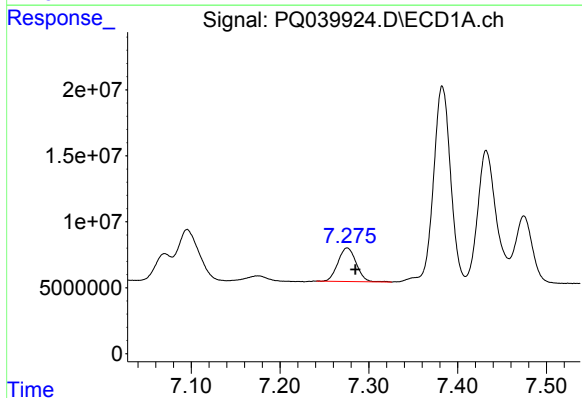
R.T.: 7.175 min
Delta R.T.: 0.004 min
Response: 6322734
Conc: 22.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



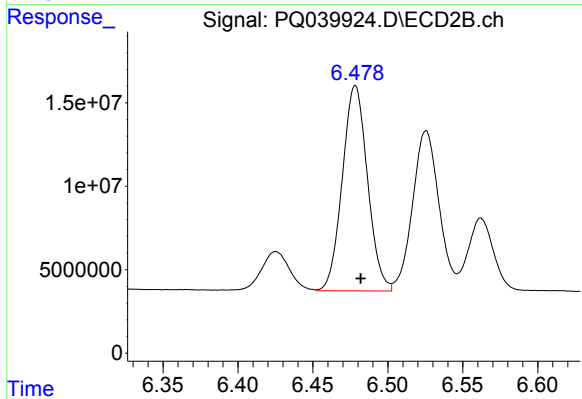
#5 AR-1016-3

R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 30067477
Conc: 163.97 ng/ml



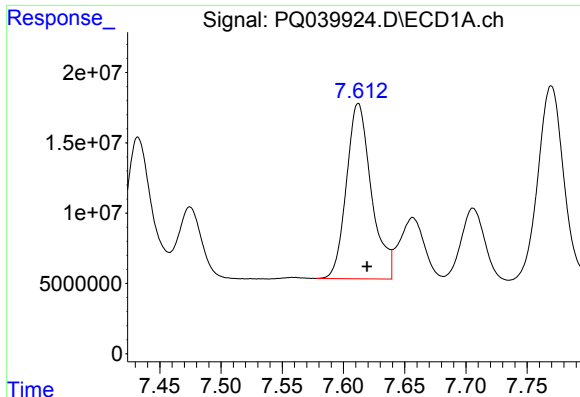
#6 AR-1016-4

R.T.: 7.276 min
Delta R.T.: -0.009 min
Response: 36255195
Conc: 155.99 ng/ml



#6 AR-1016-4

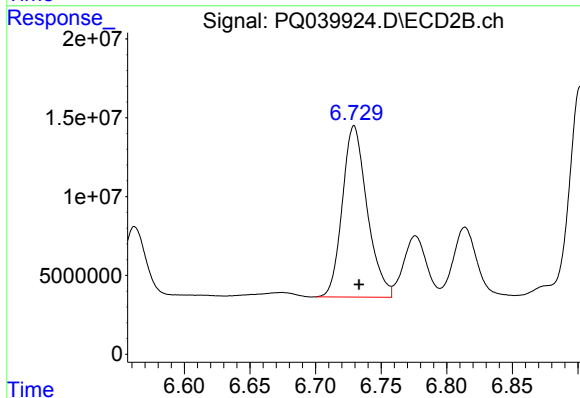
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 143819815
Conc: 1110.48 ng/ml



#7 AR-1016-5

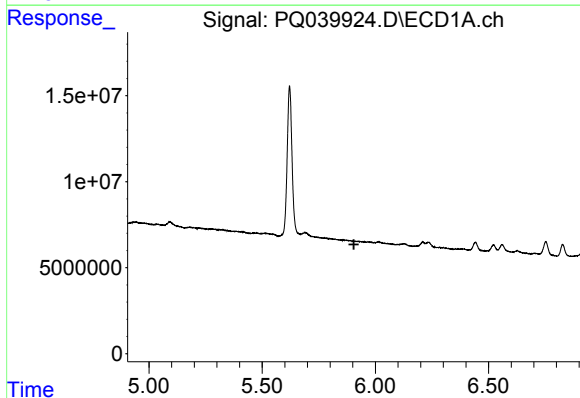
R.T.: 7.612 min
Delta R.T.: -0.007 min
Response: 177025477
Conc: 791.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



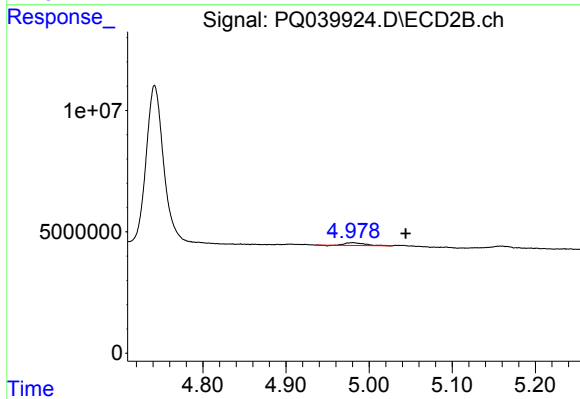
#7 AR-1016-5

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 143155871
Conc: 761.18 ng/ml



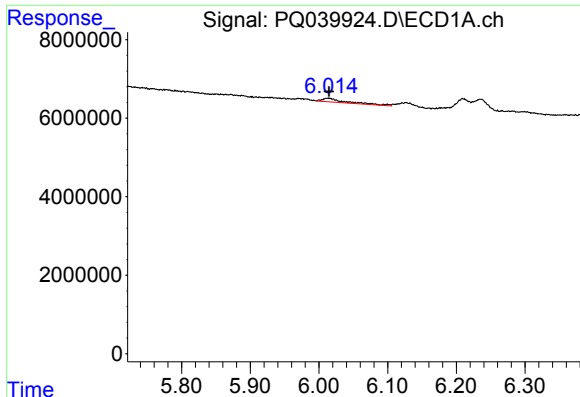
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.905 min
Response: 0
Conc: N.D.



#8 AR-1221-1

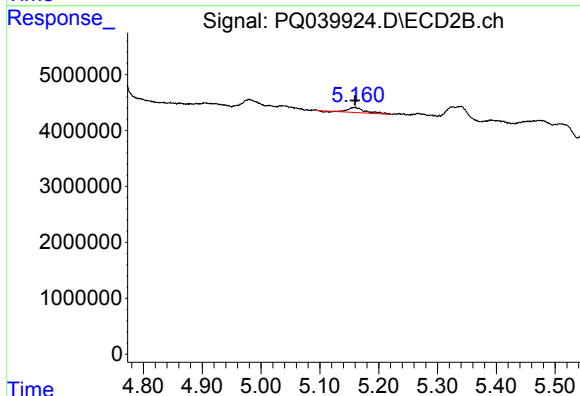
R.T.: 4.980 min
Delta R.T.: -0.064 min
Response: 1872325
Conc: 36.96 ng/ml



#9 AR-1221-2

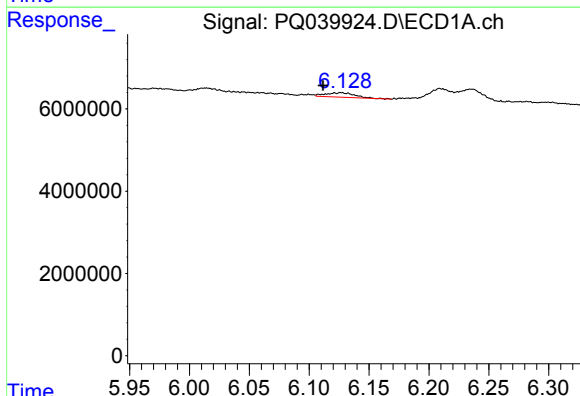
R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 2382247
Conc: 49.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



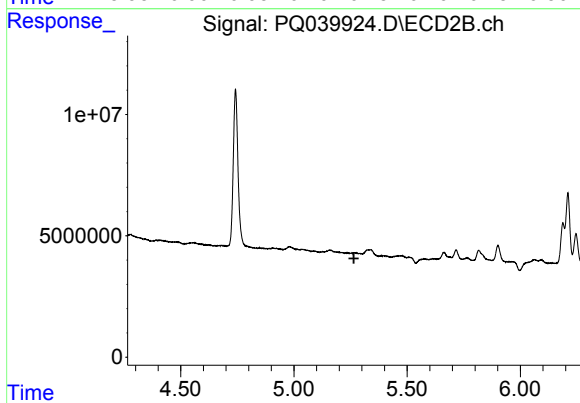
#9 AR-1221-2

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 1688209
Conc: 49.46 ng/ml



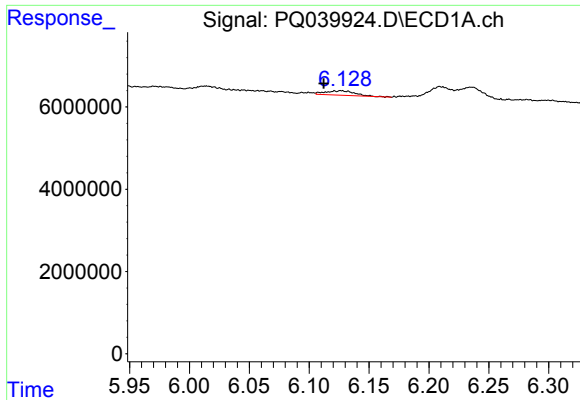
#10 AR-1221-3

R.T.: 6.127 min
Delta R.T.: 0.015 min
Response: 1817972
Conc: 11.05 ng/ml



#10 AR-1221-3

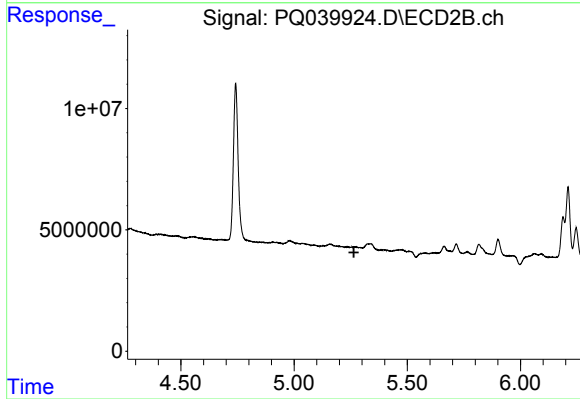
R.T.: 0.000 min
Exp R.T.: 5.265 min
Response: 0
Conc: N.D.



#11 AR-1232-1

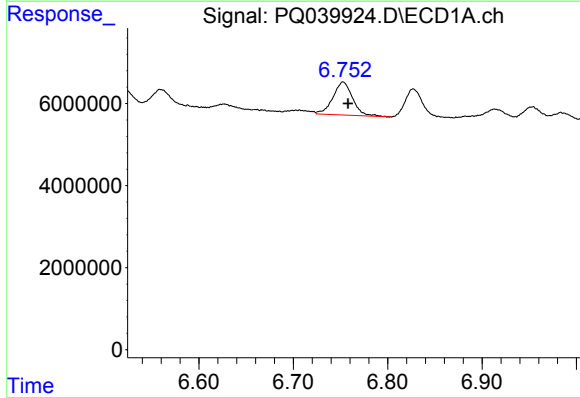
R.T.: 6.127 min
Delta R.T.: 0.015 min
Response: 1817972
Conc: 14.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



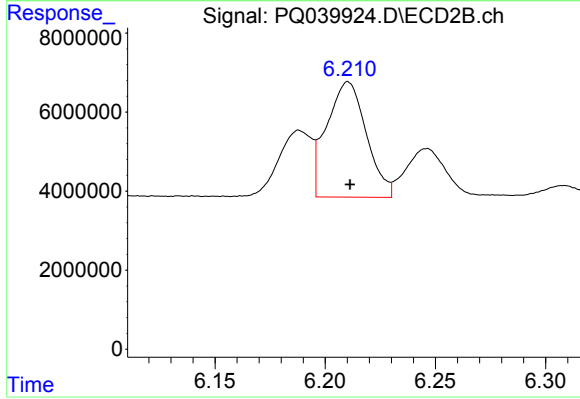
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



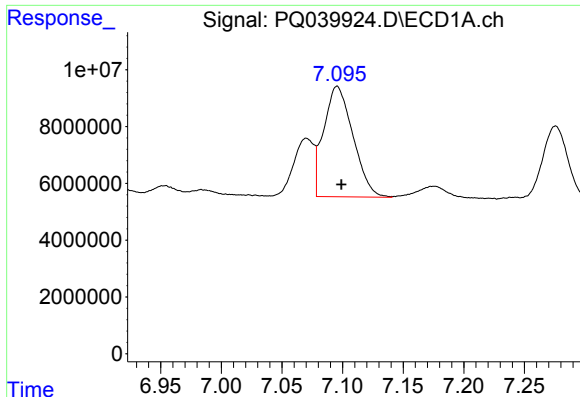
#12 AR-1232-2

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 11670957
Conc: 192.99 ng/ml



#12 AR-1232-2

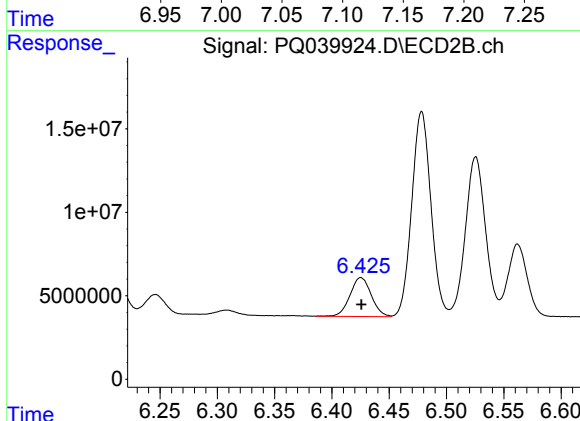
R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 36536796
Conc: 394.51 ng/ml



#13 AR-1232-3

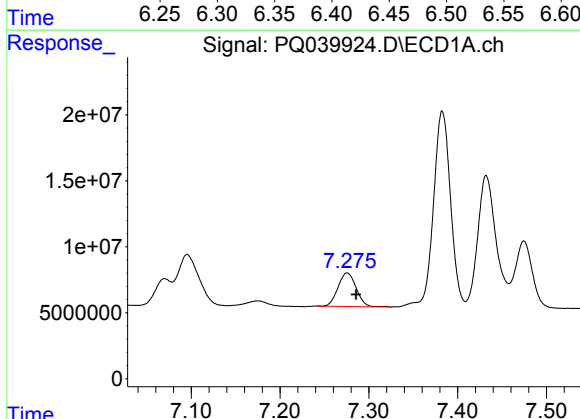
R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 65317312
Conc: 524.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



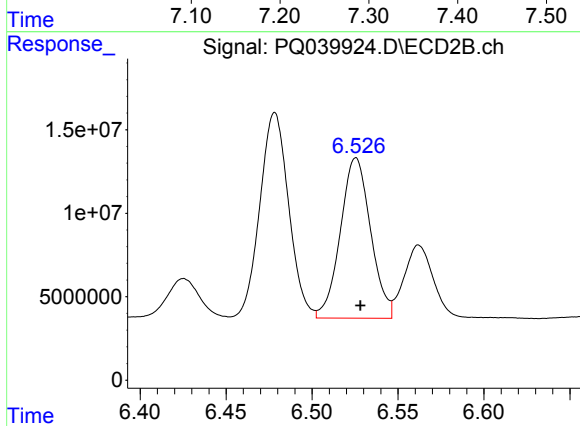
#13 AR-1232-3

R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 30067477
Conc: 608.59 ng/ml



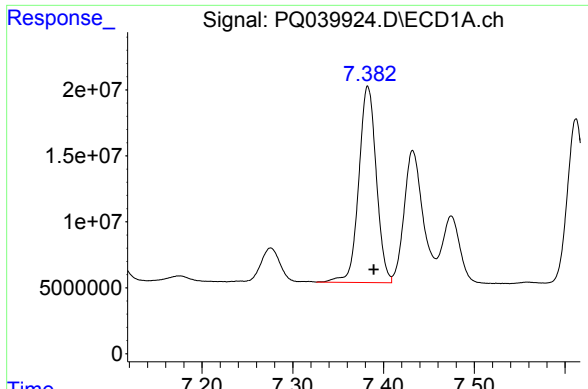
#14 AR-1232-4

R.T.: 7.276 min
Delta R.T.: -0.010 min
Response: 36255195
Conc: 588.28 ng/ml



#14 AR-1232-4

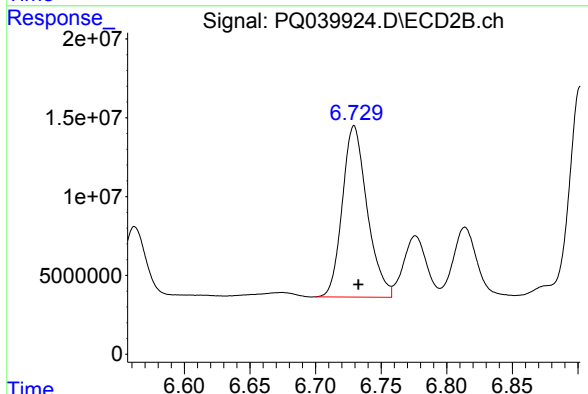
R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 117947590
Conc: 2864.87 ng/ml



#15 AR-1232-5

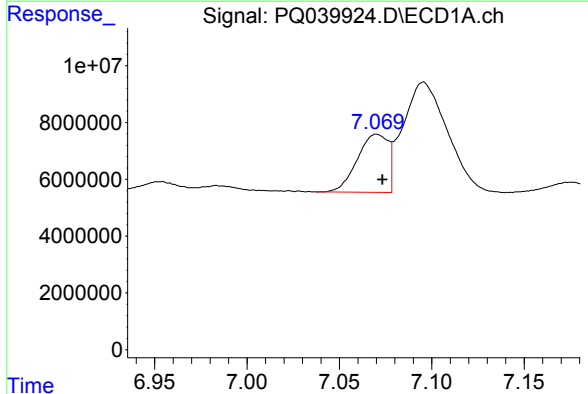
R.T.: 7.383 min
Delta R.T.: -0.007 min
Response: 199175625
Conc: 5001.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



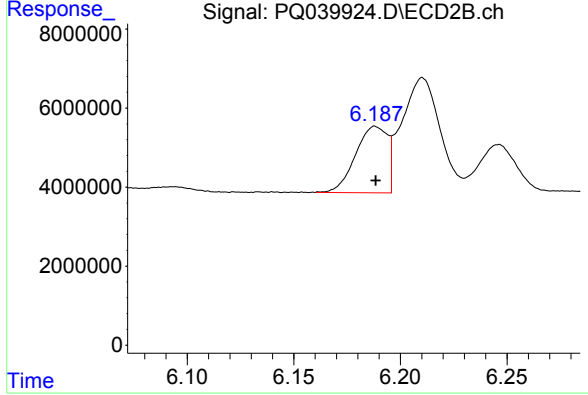
#15 AR-1232-5

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 143155871
Conc: 3184.14 ng/ml



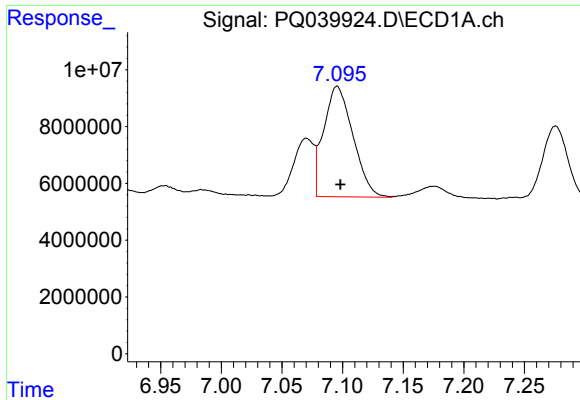
#16 AR-1242-1

R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 23734323
Conc: 151.11 ng/ml



#16 AR-1242-1

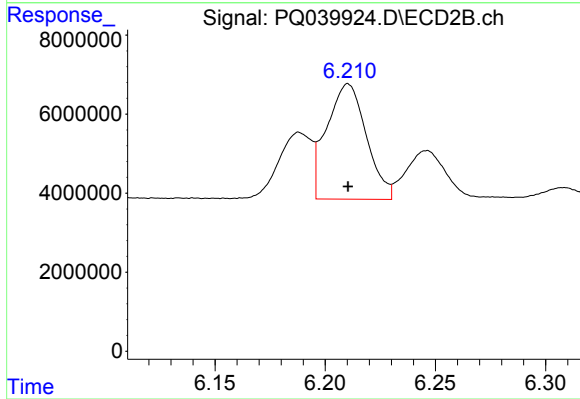
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 17514590
Conc: 141.87 ng/ml



#17 AR-1242-2

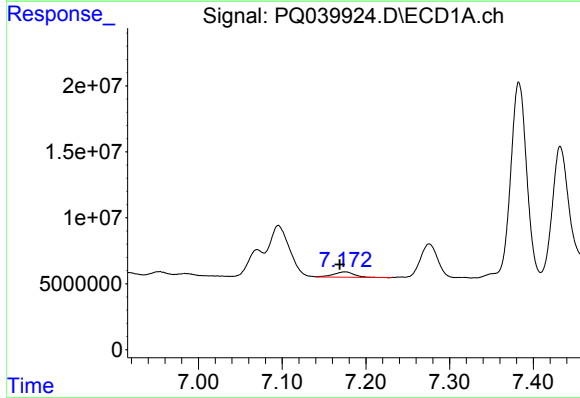
R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 65317312
Conc: 282.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



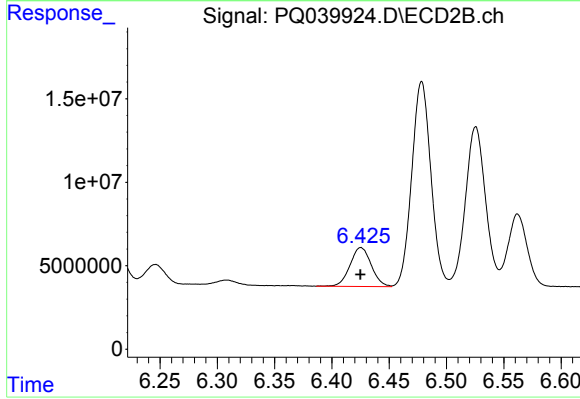
#17 AR-1242-2

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 36536796
Conc: 207.66 ng/ml



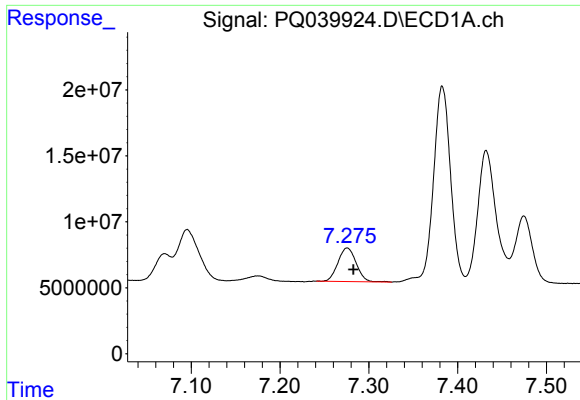
#18 AR-1242-3

R.T.: 7.175 min
Delta R.T.: 0.006 min
Response: 6322734
Conc: 45.63 ng/ml



#18 AR-1242-3

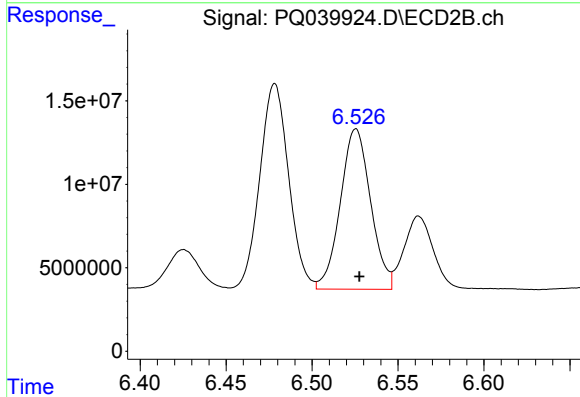
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 30067477
Conc: 331.10 ng/ml



#19 AR-1242-4

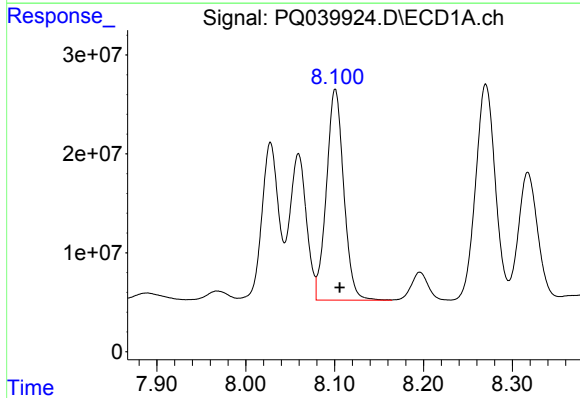
R.T.: 7.276 min
Delta R.T.: -0.007 min
Response: 36255195
Conc: 318.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



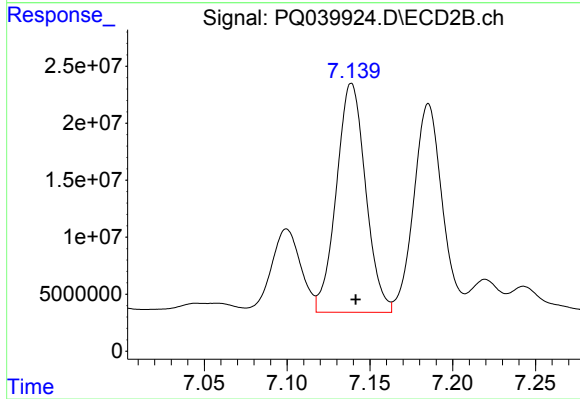
#19 AR-1242-4

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 117947590
Conc: 1393.67 ng/ml



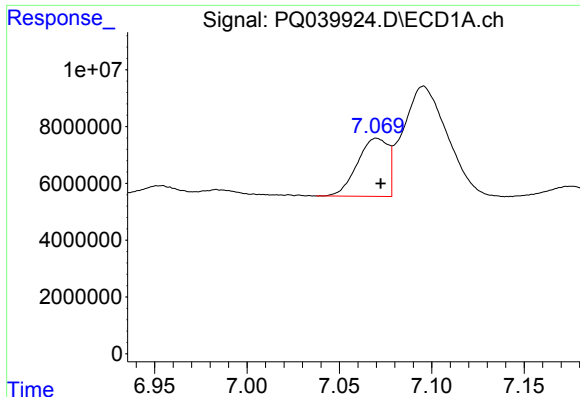
#20 AR-1242-5

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 288721563
Conc: 2389.23 ng/ml



#20 AR-1242-5

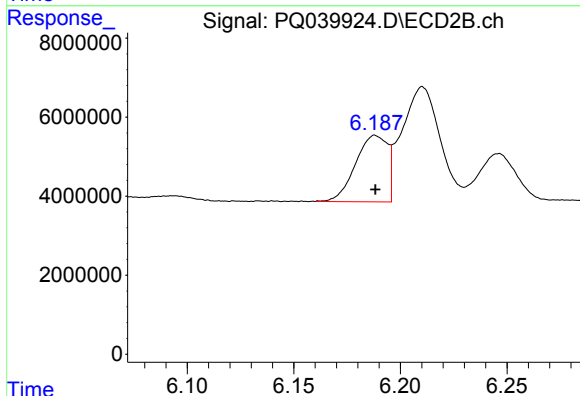
R.T.: 7.139 min
Delta R.T.: -0.003 min
Response: 246941077
Conc: 2303.21 ng/ml



#21 AR-1248-1

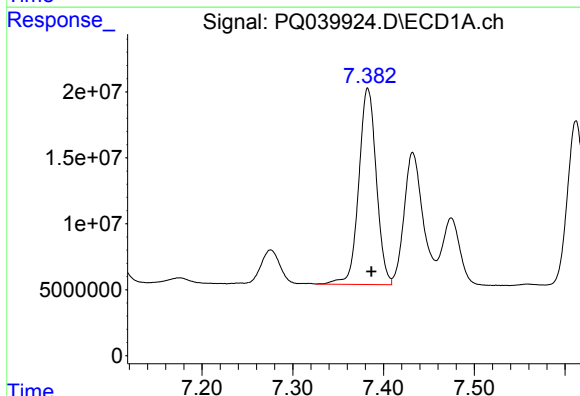
R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 23734323
Conc: 182.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



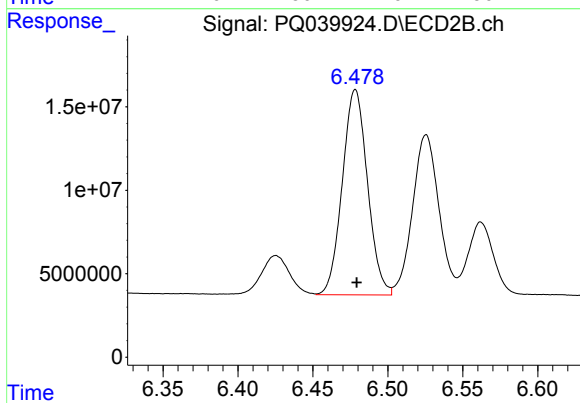
#21 AR-1248-1

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 17514590
Conc: 173.33 ng/ml



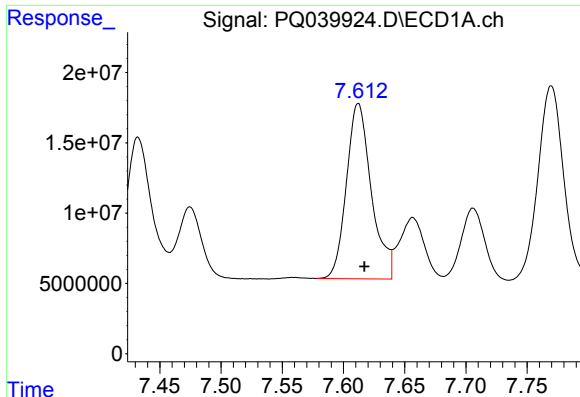
#22 AR-1248-2

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 199175625
Conc: 1213.12 ng/ml



#22 AR-1248-2

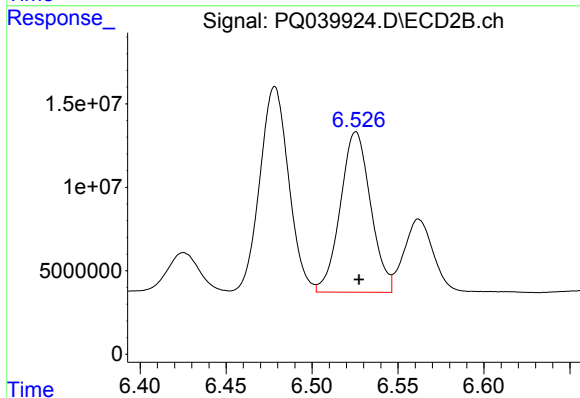
R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 143819815
Conc: 1135.78 ng/ml



#23 AR-1248-3

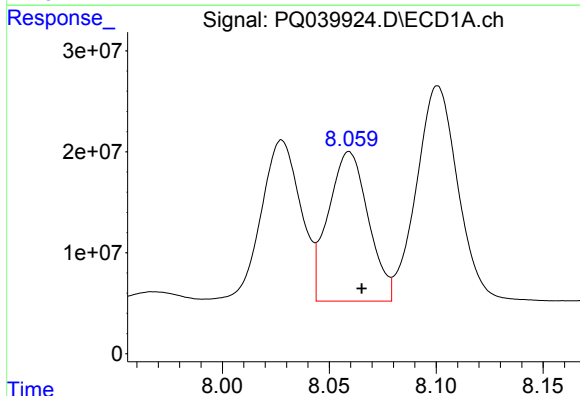
R.T.: 7.612 min
Delta R.T.: -0.005 min
Response: 177025477
Conc: 912.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



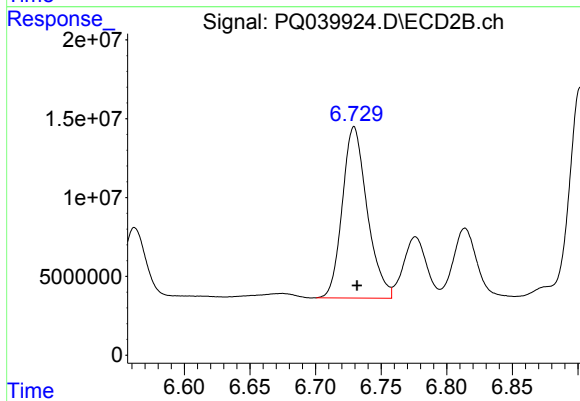
#23 AR-1248-3

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 117947590
Conc: 889.27 ng/ml



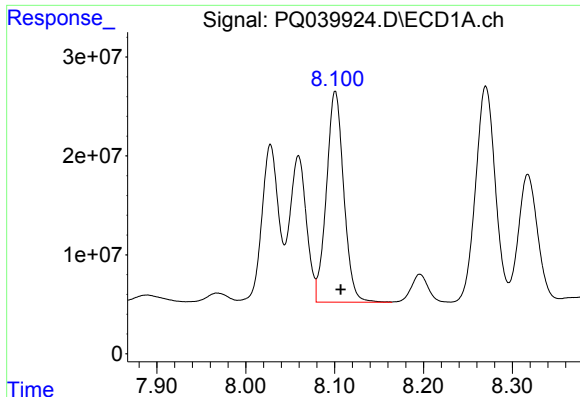
#24 AR-1248-4

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 192577480
Conc: 892.29 ng/ml



#24 AR-1248-4

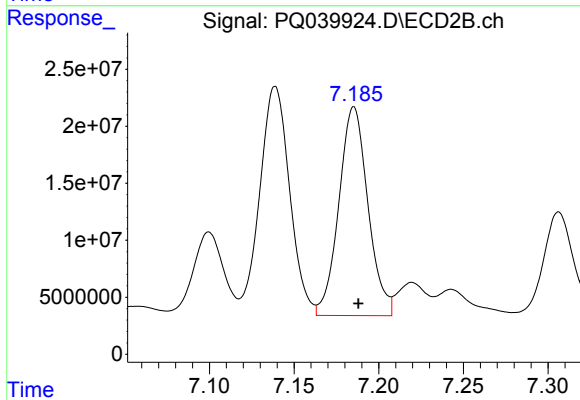
R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 143155871
Conc: 873.79 ng/ml



#25 AR-1248-5

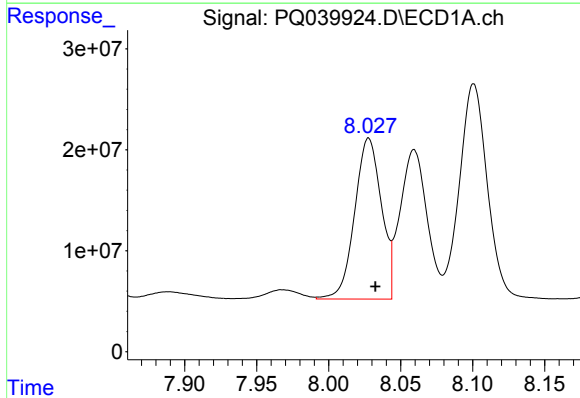
R.T.: 8.101 min
Delta R.T.: -0.006 min
Response: 288721563
Conc: 1385.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



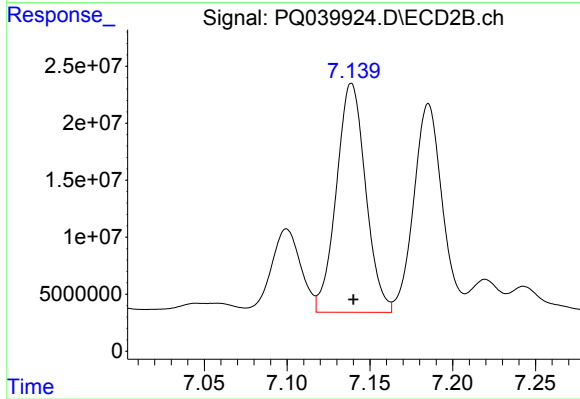
#25 AR-1248-5

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 219382891
Conc: 1353.89 ng/ml



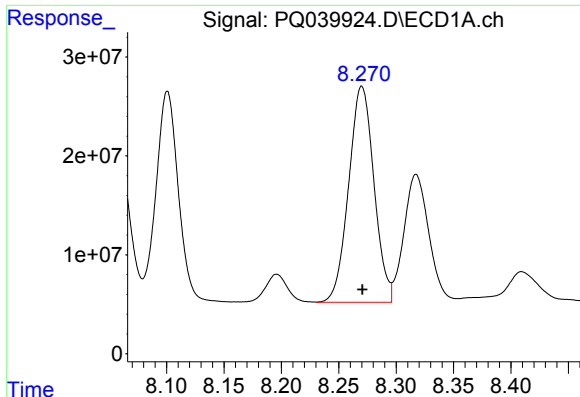
#26 AR-1254-1

R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 206477623
Conc: 894.44 ng/ml



#26 AR-1254-1

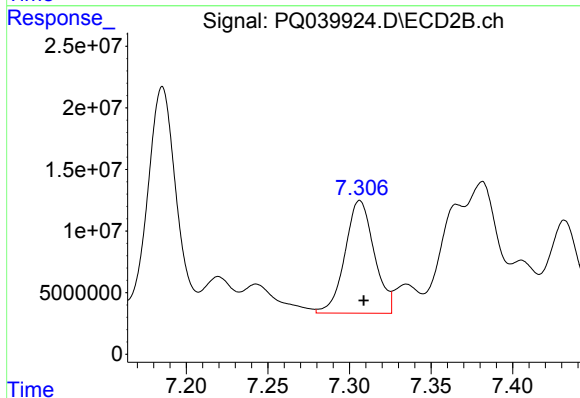
R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 246941077
Conc: 932.39 ng/ml



#27 AR-1254-2

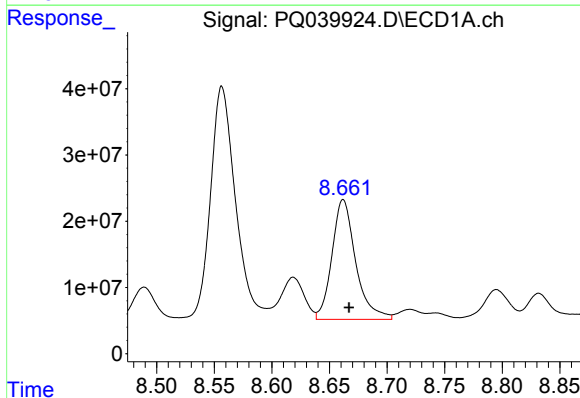
R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 335073695
Conc: 929.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



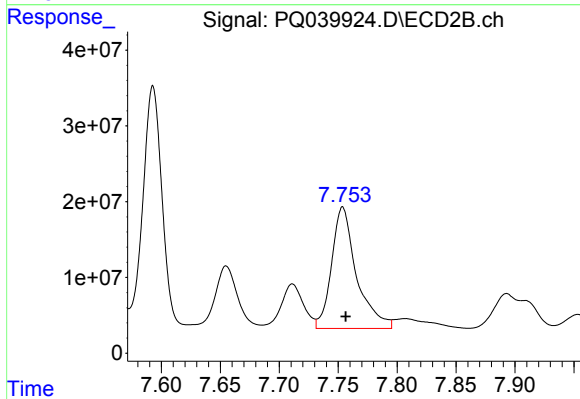
#27 AR-1254-2

R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 113931297
Conc: 499.08 ng/ml



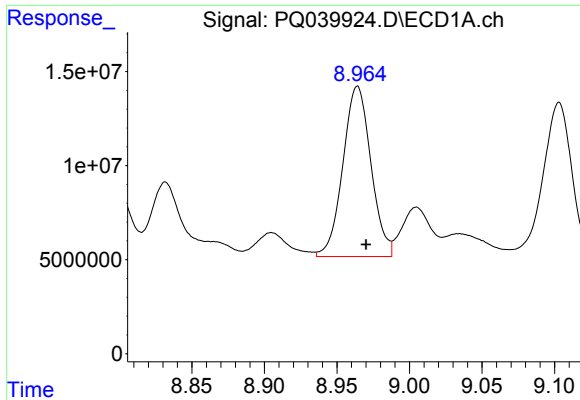
#28 AR-1254-3

R.T.: 8.662 min
Delta R.T.: -0.005 min
Response: 259552683
Conc: 683.68 ng/ml



#28 AR-1254-3

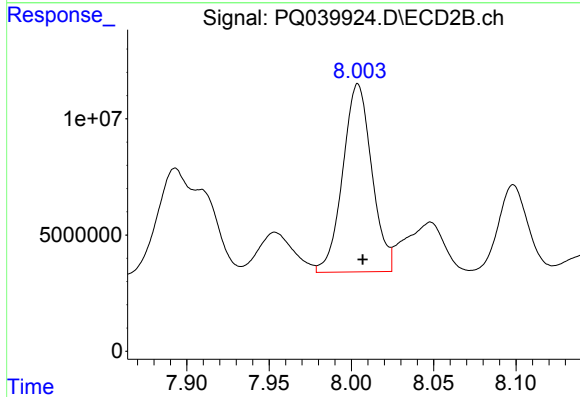
R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 236074136
Conc: 638.92 ng/ml



#29 AR-1254-4

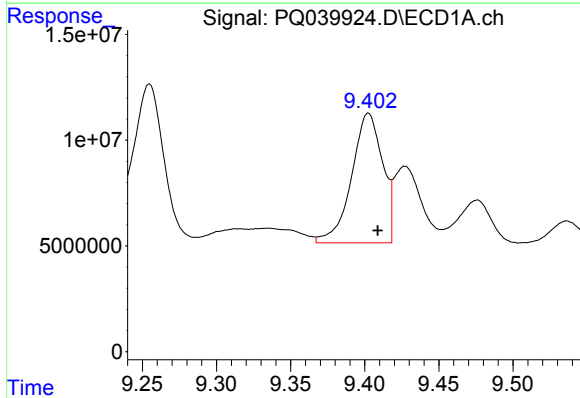
R.T.: 8.964 min
Delta R.T.: -0.006 min
Response: 121895362
Conc: 446.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



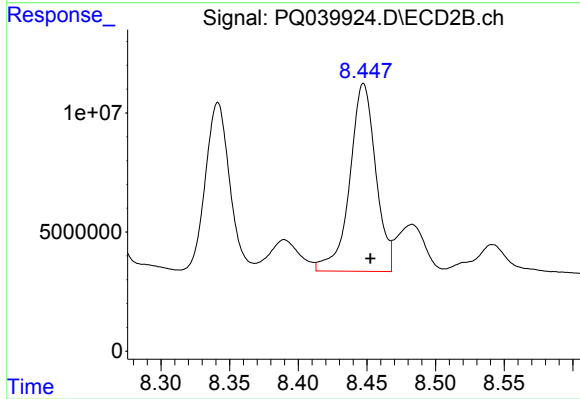
#29 AR-1254-4

R.T.: 8.004 min
Delta R.T.: -0.003 min
Response: 99298978
Conc: 432.64 ng/ml



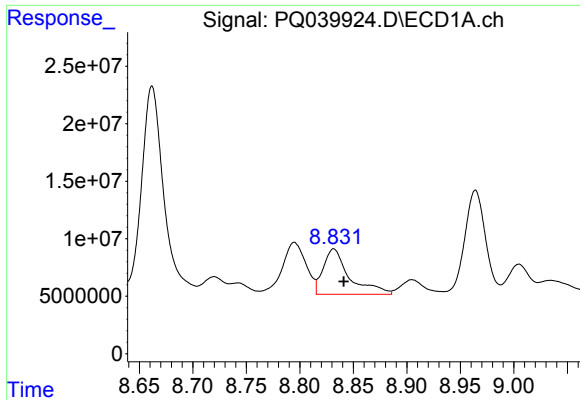
#30 AR-1254-5

R.T.: 9.402 min
Delta R.T.: -0.006 min
Response: 89077036
Conc: 296.41 ng/ml



#30 AR-1254-5

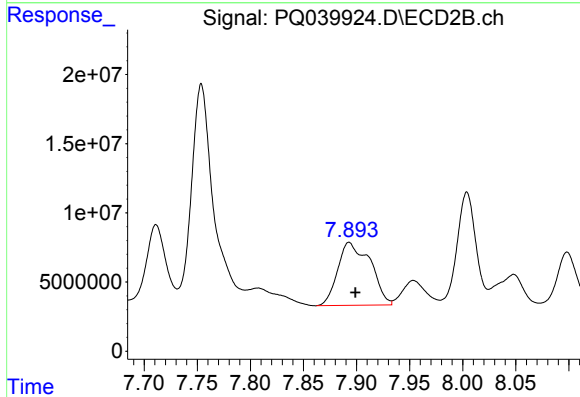
R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 103781352
Conc: 333.34 ng/ml



#31 AR-1260-1

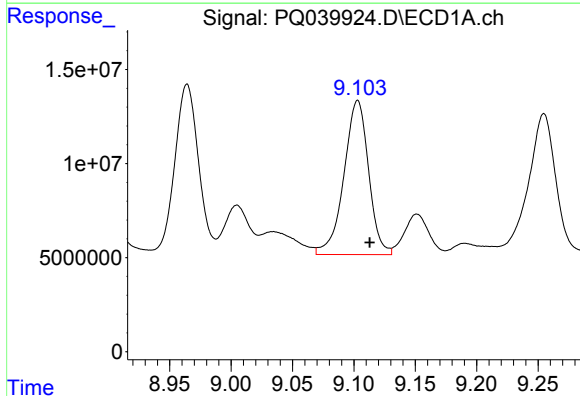
R.T.: 8.832 min
Delta R.T.: -0.009 min
Response: 67180193
Conc: 150.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



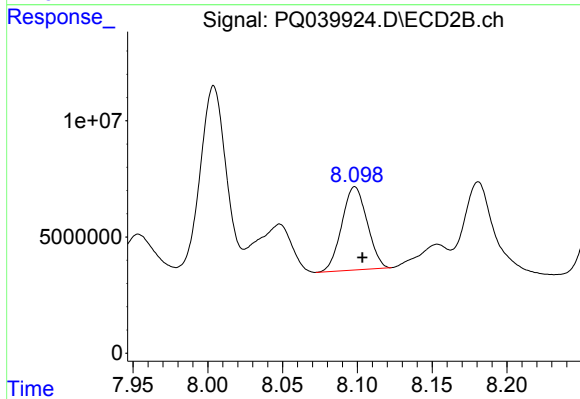
#31 AR-1260-1

R.T.: 7.893 min
Delta R.T.: -0.006 min
Response: 97335784
Conc: 264.23 ng/ml



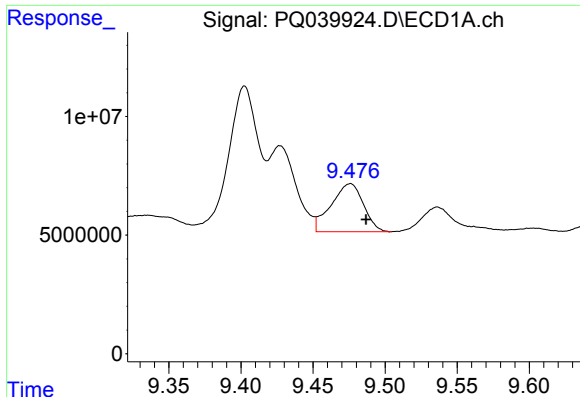
#32 AR-1260-2

R.T.: 9.103 min
Delta R.T.: -0.010 min
Response: 114781065
Conc: 213.57 ng/ml



#32 AR-1260-2

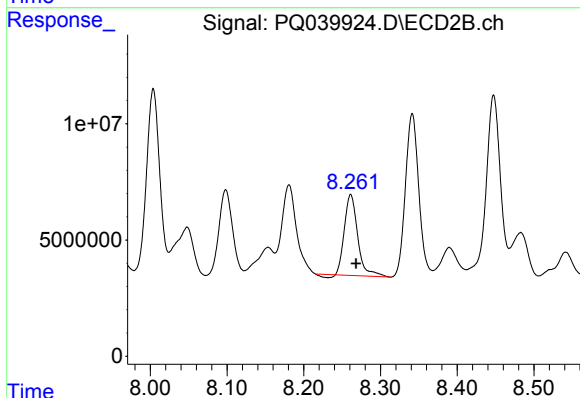
R.T.: 8.098 min
Delta R.T.: -0.005 min
Response: 42207567
Conc: 92.78 ng/ml



#33 AR-1260-3

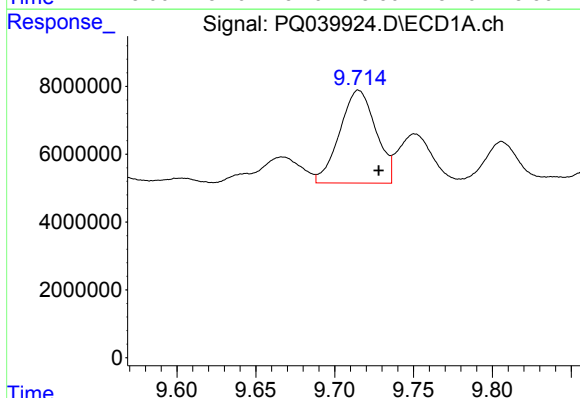
R.T.: 9.476 min
Delta R.T.: -0.011 min
Response: 31471110
Conc: 78.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



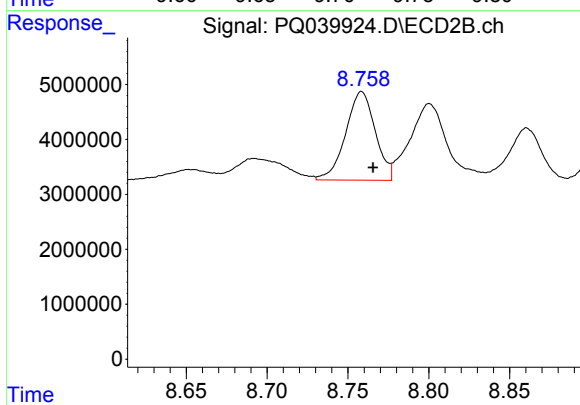
#33 AR-1260-3

R.T.: 8.261 min
Delta R.T.: -0.007 min
Response: 41408565
Conc: 98.58 ng/ml



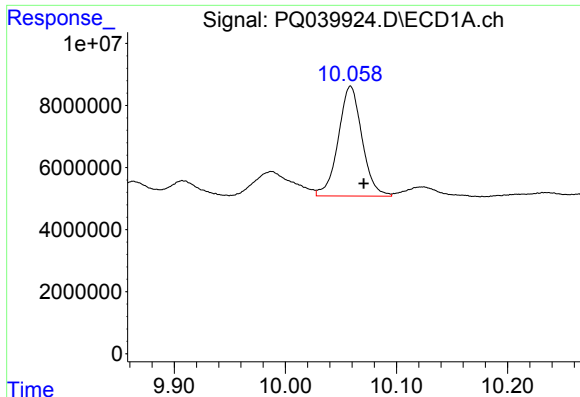
#34 AR-1260-4

R.T.: 9.715 min
Delta R.T.: -0.013 min
Response: 43789936
Conc: 95.21 ng/ml



#34 AR-1260-4

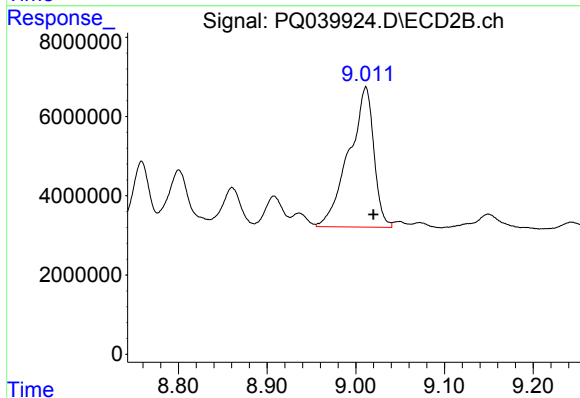
R.T.: 8.758 min
Delta R.T.: -0.007 min
Response: 20559966
Conc: 62.12 ng/ml



#35 AR-1260-5

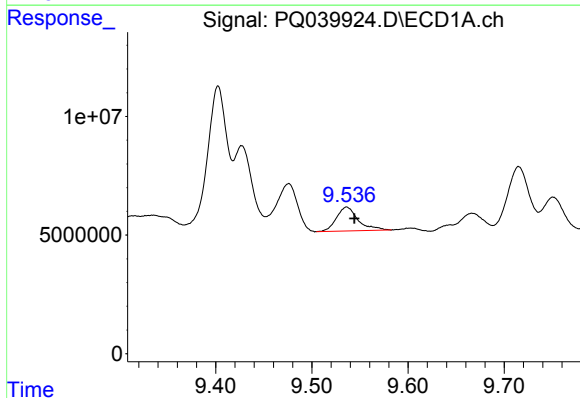
R.T.: 10.059 min
Delta R.T.: -0.012 min
Response: 52561083
Conc: 54.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



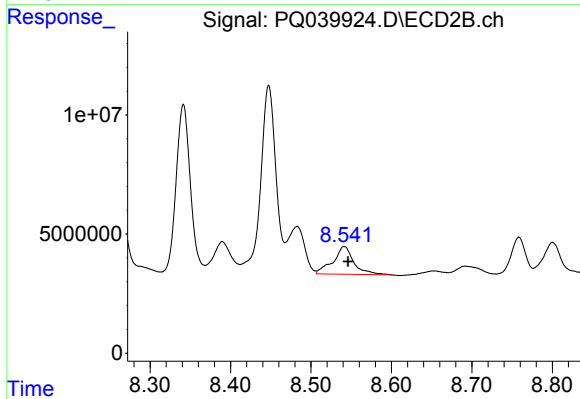
#35 AR-1260-5

R.T.: 9.011 min
Delta R.T.: -0.008 min
Response: 69029094
Conc: 84.15 ng/ml



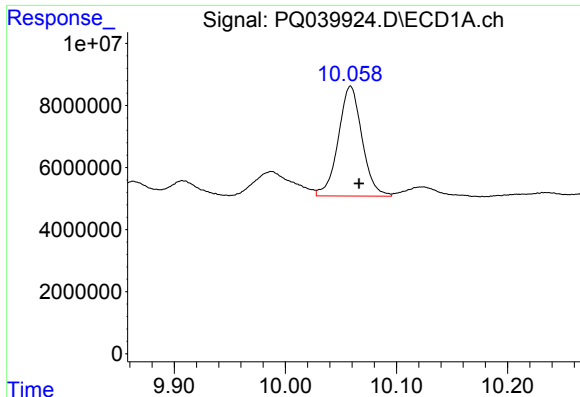
#36 AR-1262-1

R.T.: 9.536 min
Delta R.T.: -0.008 min
Response: 15792519
Conc: 102.93 ng/ml



#36 AR-1262-1

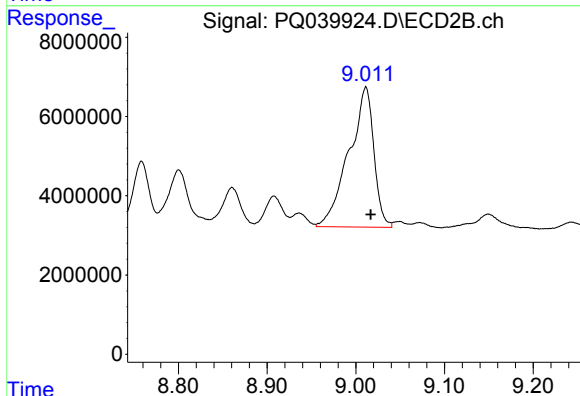
R.T.: 8.541 min
Delta R.T.: -0.005 min
Response: 20902140
Conc: 156.38 ng/ml



#37 AR-1262-2

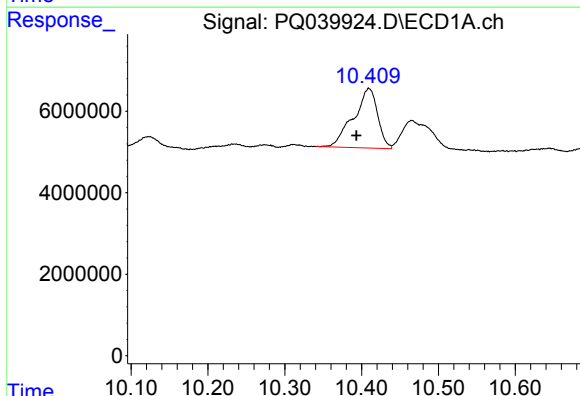
R.T.: 10.059 min
Delta R.T.: -0.008 min
Response: 52561083
Conc: 77.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



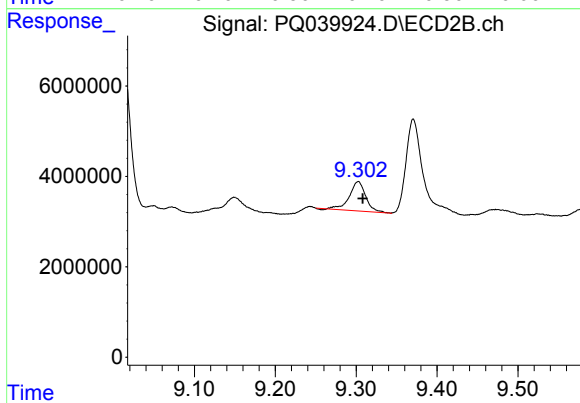
#37 AR-1262-2

R.T.: 9.011 min
Delta R.T.: -0.005 min
Response: 69029094
Conc: 115.23 ng/ml



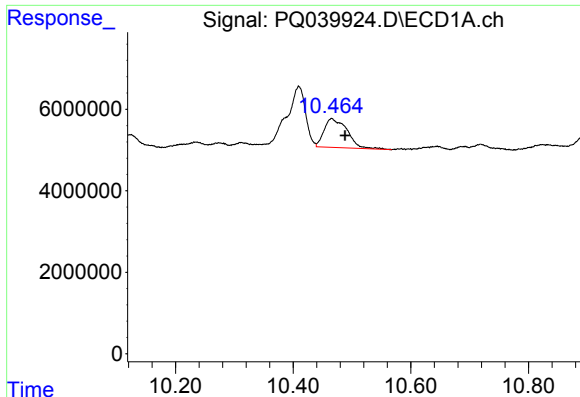
#38 AR-1262-3

R.T.: 10.410 min
Delta R.T.: 0.016 min
Response: 31921514
Conc: 69.50 ng/ml



#38 AR-1262-3

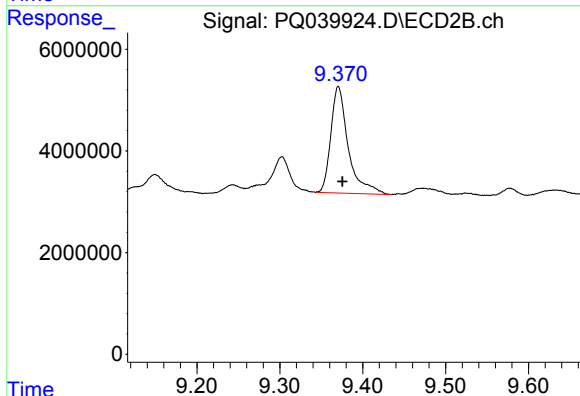
R.T.: 9.303 min
Delta R.T.: -0.005 min
Response: 9096059
Conc: 39.46 ng/ml



#39 AR-1262-4

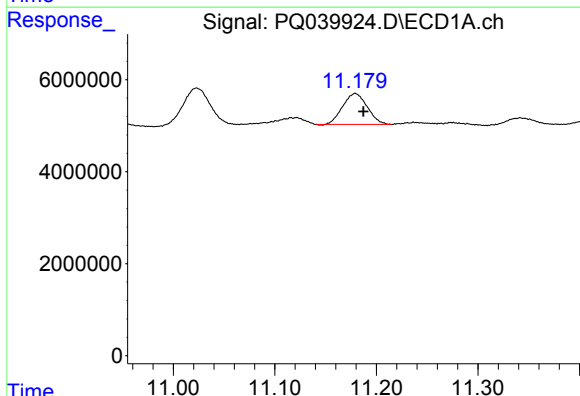
R.T.: 10.466 min
Delta R.T.: -0.023 min
Response: 19329932
Conc: 52.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



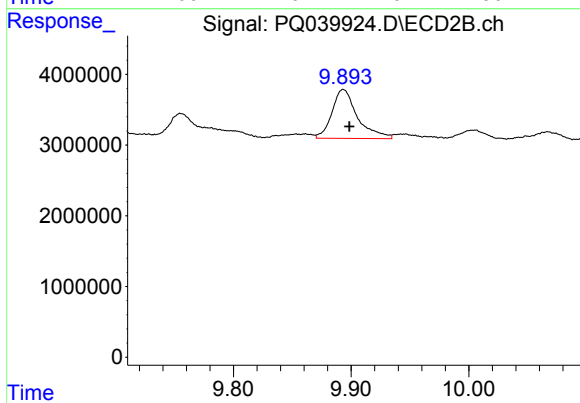
#39 AR-1262-4

R.T.: 9.371 min
Delta R.T.: -0.005 min
Response: 30656360
Conc: 72.11 ng/ml



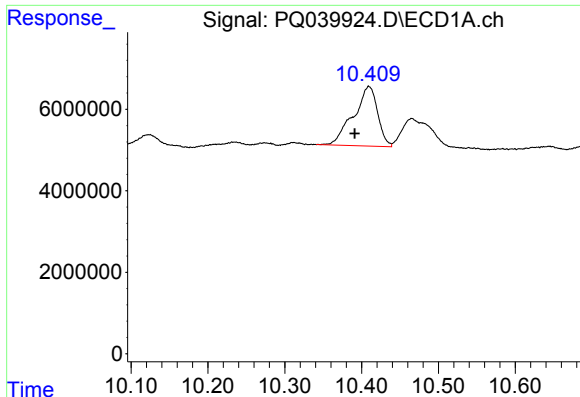
#40 AR-1262-5

R.T.: 11.179 min
Delta R.T.: -0.008 min
Response: 11280566
Conc: 46.92 ng/ml



#40 AR-1262-5

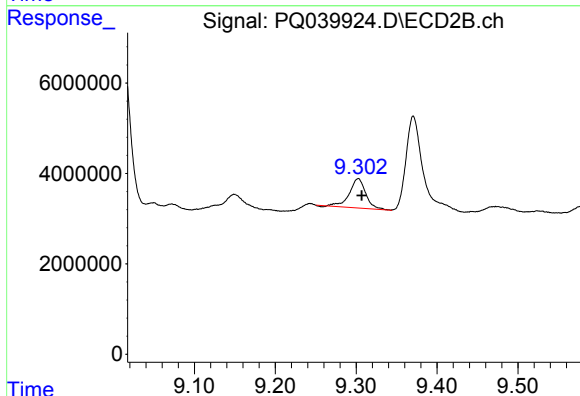
R.T.: 9.893 min
Delta R.T.: -0.005 min
Response: 10456907
Conc: 58.38 ng/ml



#41 AR-1268-1

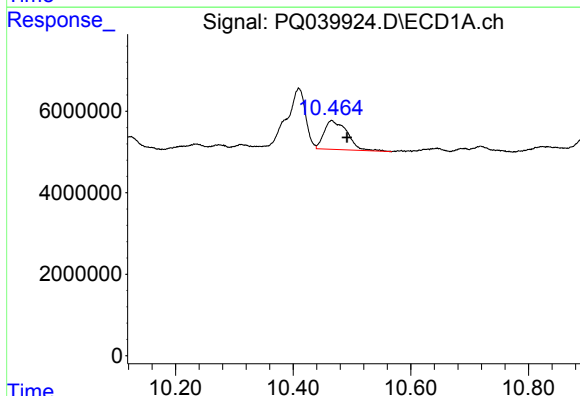
R.T.: 10.410 min
Delta R.T.: 0.019 min
Response: 31921514
Conc: 26.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



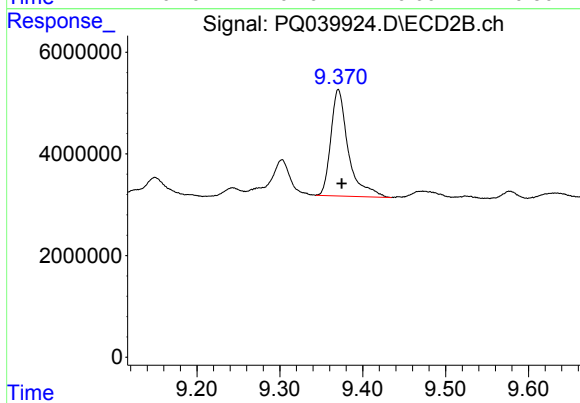
#41 AR-1268-1

R.T.: 9.303 min
Delta R.T.: -0.004 min
Response: 9096059
Conc: 8.79 ng/ml



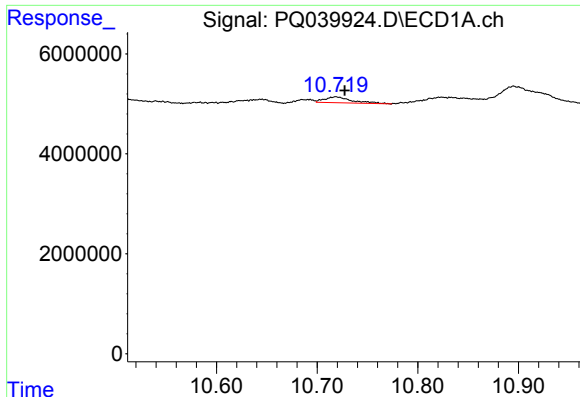
#42 AR-1268-2

R.T.: 10.466 min
Delta R.T.: -0.026 min
Response: 19329932
Conc: 16.79 ng/ml



#42 AR-1268-2

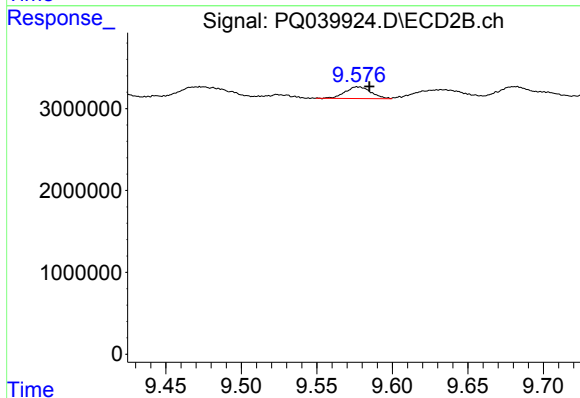
R.T.: 9.371 min
Delta R.T.: -0.004 min
Response: 30656360
Conc: 32.04 ng/ml



#43 AR-1268-3

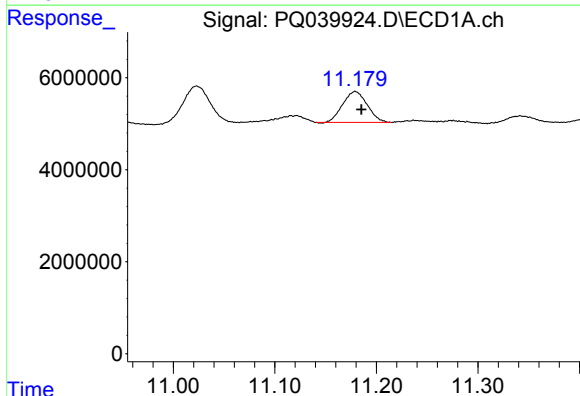
R.T.: 10.719 min
Delta R.T.: -0.009 min
Response: 2250018
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



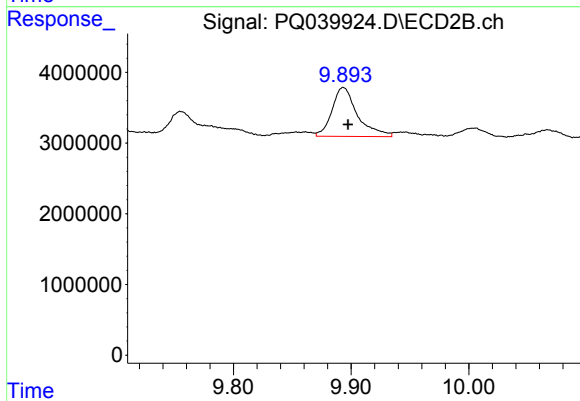
#43 AR-1268-3

R.T.: 9.577 min
Delta R.T.: -0.008 min
Response: 1707357
Conc: 2.12 ng/ml



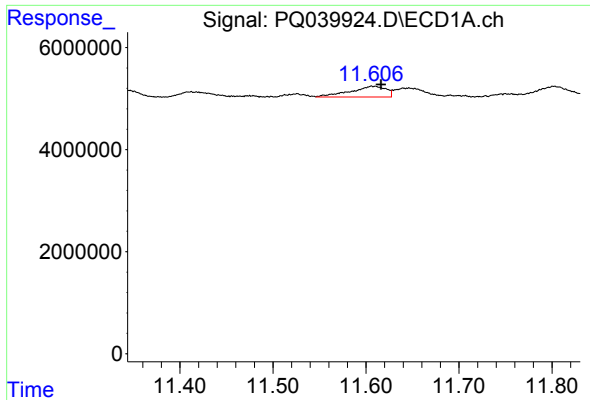
#44 AR-1268-4

R.T.: 11.179 min
Delta R.T.: -0.006 min
Response: 11280566
Conc: 29.85 ng/ml



#44 AR-1268-4

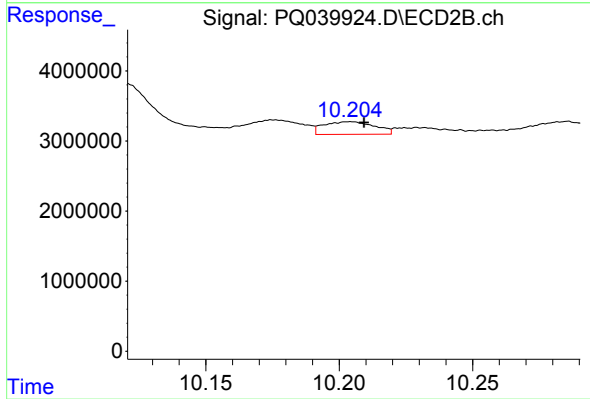
R.T.: 9.893 min
Delta R.T.: -0.004 min
Response: 10456907
Conc: 34.86 ng/ml



#45 AR-1268-5

R.T.: 11.606 min
Delta R.T.: -0.010 min
Response: 5605586
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC2



#45 AR-1268-5

R.T.: 10.204 min
Delta R.T.: -0.005 min
Response: 2412586
Conc: 0.98 ng/ml