

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112019\
 Data File : PQ045259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2019 17:30
 Operator : SM\AJ
 Sample : K5800-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFPZ1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:29:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.097	4.304	113.2E6	84626905	14.261	17.947 #
2)	SA Decachlor...	11.153	9.719	252.4E6	231.1E6	36.444	34.064
Target Compounds							
3)	L1 AR-1016-1	6.409	5.582	14521107	11076207	57.782	60.138
4)	L1 AR-1016-2	6.433	5.603	23732959	15375543	62.762	58.189
5)	L1 AR-1016-3	6.502	5.801	7972726	10266369	34.340	79.550 #
6)	L1 AR-1016-4	6.604	5.847	14836272	21678057	78.362	199.634 #
7)	L1 AR-1016-5	6.920	6.082	34430273	37648715	176.525	246.420 #
9)	L2 AR-1221-2	0.000	4.666	0	1210731	N.D.	30.667 #
10)	L2 AR-1221-3	0.000	4.811	0	3677832	N.D.	28.136 #
11)	L3 AR-1232-1	0.000	4.811	0	3677832	N.D.	31.887 #
12)	L3 AR-1232-2	6.117	5.603	14629603	15375543	163.118	123.622
13)	L3 AR-1232-3	6.433	5.801	23732959	10266369	134.416	173.360 #
14)	L3 AR-1232-4	6.604	5.892	14836272	20159219	167.689	335.348 #
15)	L3 AR-1232-5	6.703	6.082	33080166	37648715	498.646	516.918
16)	L4 AR-1242-1	6.409	5.582	14521107	11076207	67.557	70.645
17)	L4 AR-1242-2	6.433	5.603	23732959	15375543	73.799	68.719
18)	L4 AR-1242-3	6.502	5.801	7972726	10266369	40.182	92.369 #
19)	L4 AR-1242-4	6.604	5.892	14836272	20159219	91.889	169.057 #
20)	L4 AR-1242-5	7.387	6.463	30125438	54250624	166.472	330.389 #
21)	L5 AR-1248-1	6.409	5.582	14521107	11076207	86.220	89.000
22)	L5 AR-1248-2	6.703	5.847	33080166	21678057	135.058	127.346
23)	L5 AR-1248-3	6.920	5.892	34430273	20159219	126.509	112.721
24)	L5 AR-1248-4	7.346	6.082	30726672	37648715	101.453	172.961 #
25)	L5 AR-1248-5	7.387	6.507	30125438	23958090	105.316	107.441
26)	L6 AR-1254-1	7.318	6.463	46836744	54250624	144.756	149.130
27)	L6 AR-1254-2	7.547	6.622	61083295	38434003	123.027	119.330
28)	L6 AR-1254-3	7.927	7.051	46072033	85560857	86.559	154.249 #
29)	L6 AR-1254-4	8.221	7.289	25189657	21566515	65.209	60.339
30)	L6 AR-1254-5	8.651	7.721	94848762	97609368	219.566	195.210
31)	L7 AR-1260-1	8.095	7.185	67885372	69977114	217.355	228.405
32)	L7 AR-1260-2	8.359	7.381	75034264	76471642	183.262	193.670
33)	L7 AR-1260-3	8.726	7.541	40842390	66601963	125.099	194.408 #
34)	L7 AR-1260-4	8.959	8.027	57464475	43881579	151.115	143.097
35)	L7 AR-1260-5	9.292	8.275	94109235	112.8E6	122.252	144.124
36)	L8 AR-1262-1	8.786	7.721	24178504	97609368	115.912	385.665 #
37)	L8 AR-1262-2	9.292	8.275	94109235	112.8E6	104.196	114.313
38)	L8 AR-1262-3	9.632	8.562	60942844	18370054	99.927	47.676 #
39)	L8 AR-1262-4	9.689	8.628	31648690	78324737	69.661	106.318 #
40)	L8 AR-1262-5	10.384	9.142	20078076	21817795	65.637	62.665
41)	L9 AR-1268-1	9.632	8.562	60942844	18370054	54.573	15.277 #
42)	L9 AR-1268-2	9.689	8.628	31648690	78324737	31.134	70.336 #

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 Acq On : 20 Nov 2019 17:30
 Operator : SM\AJ
 Sample : K5800-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

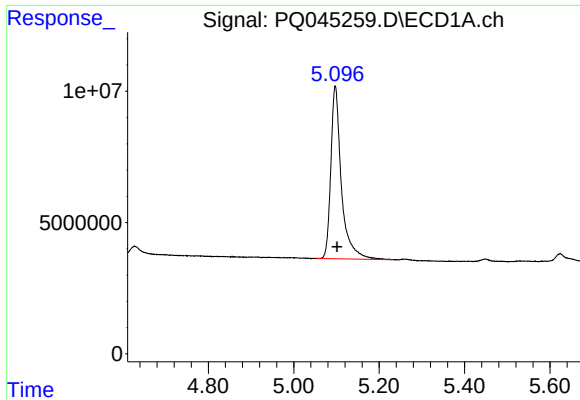
Instrument :
 ECD_Q
 ClientSampleId :
 BFPZ1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:29:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.835	0	2604373	N.D.	2.800 #
44) L9	AR-1268-4	10.384	9.142	20078076	21817795	57.835	54.171
45) L9	AR-1268-5	10.811	9.450	6435351	5001559	2.467	1.655 #

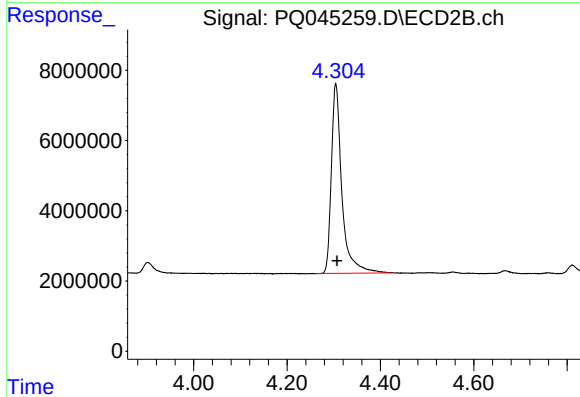
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

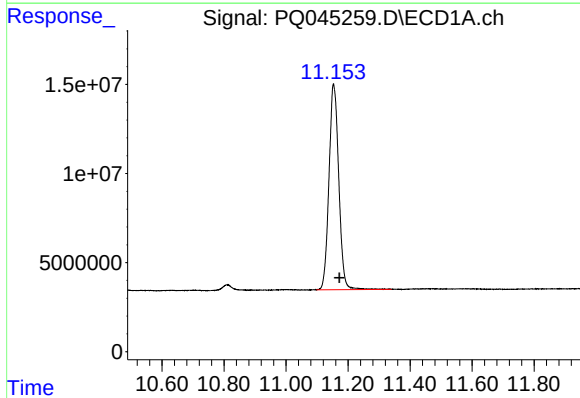
R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 113202670
Conc: 14.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



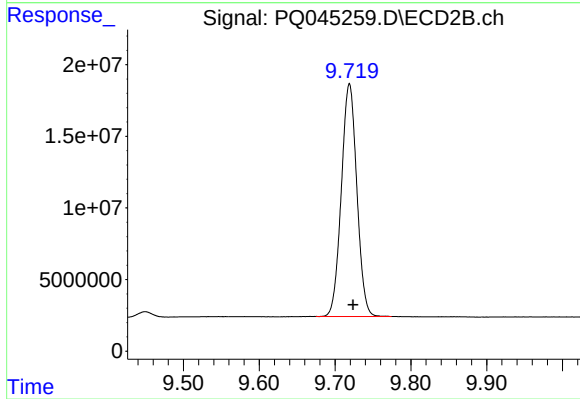
#1 Tetrachloro-m-xylene

R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 84626905
Conc: 17.95 ng/ml



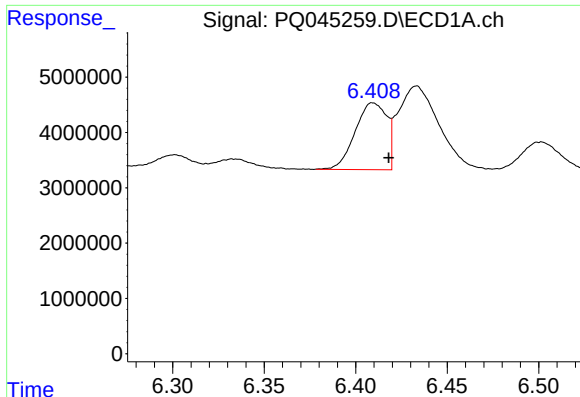
#2 Decachlorobiphenyl

R.T.: 11.153 min
Delta R.T.: -0.019 min
Response: 252405849
Conc: 36.44 ng/ml



#2 Decachlorobiphenyl

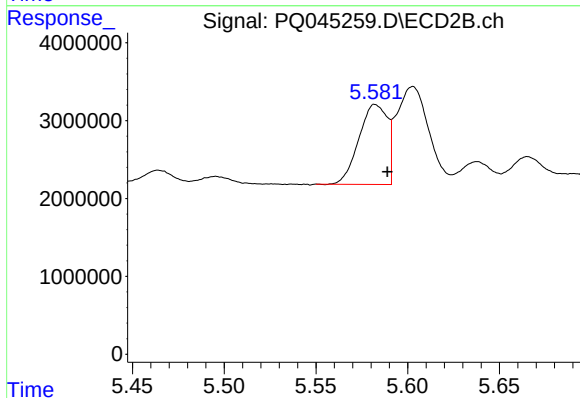
R.T.: 9.719 min
Delta R.T.: -0.005 min
Response: 231128683
Conc: 34.06 ng/ml



#3 AR-1016-1

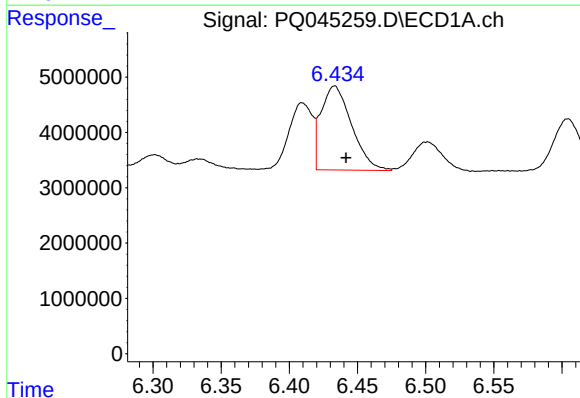
R.T.: 6.409 min
Delta R.T.: -0.009 min
Response: 14521107
Conc: 57.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



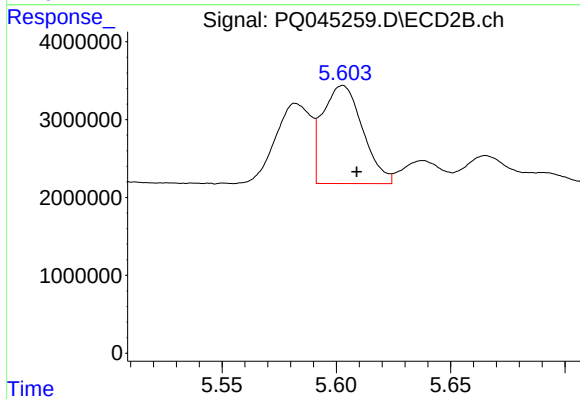
#3 AR-1016-1

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 11076207
Conc: 60.14 ng/ml



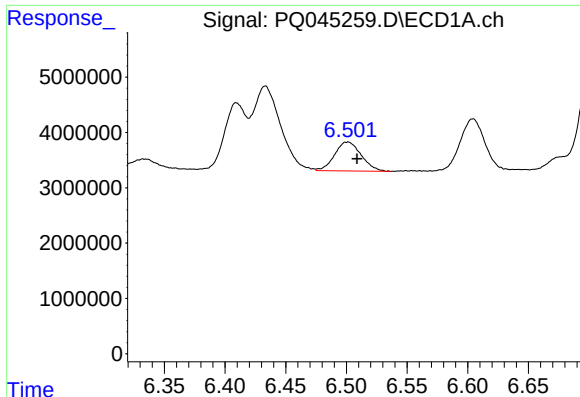
#4 AR-1016-2

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 23732959
Conc: 62.76 ng/ml



#4 AR-1016-2

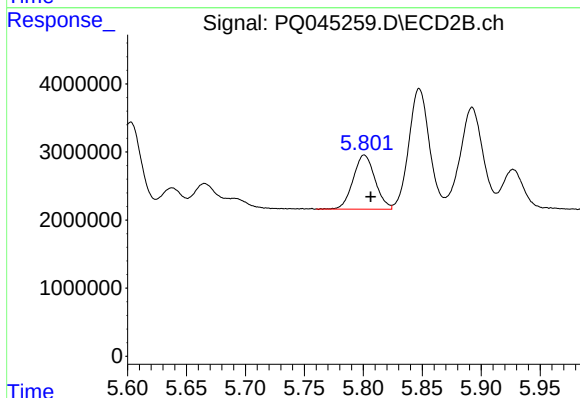
R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 15375543
Conc: 58.19 ng/ml



#5 AR-1016-3

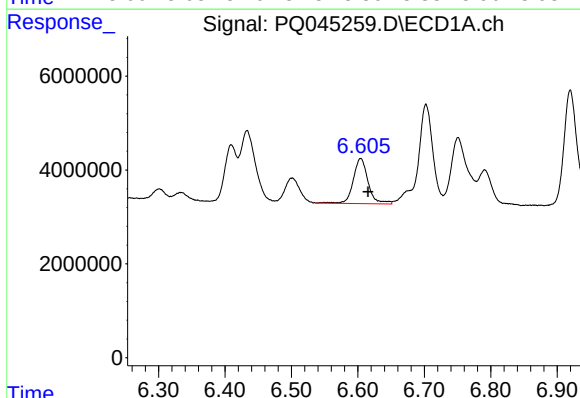
R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 7972726
Conc: 34.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



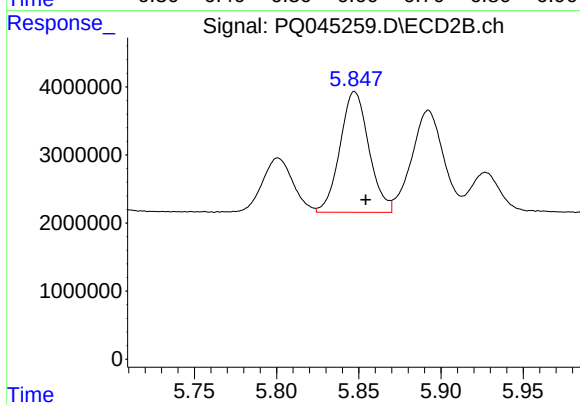
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 10266369
Conc: 79.55 ng/ml



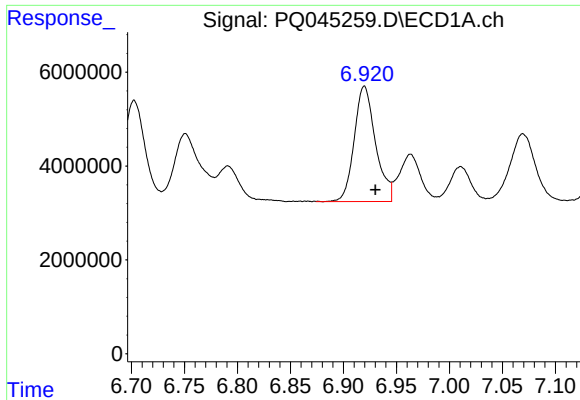
#6 AR-1016-4

R.T.: 6.604 min
Delta R.T.: -0.011 min
Response: 14836272
Conc: 78.36 ng/ml



#6 AR-1016-4

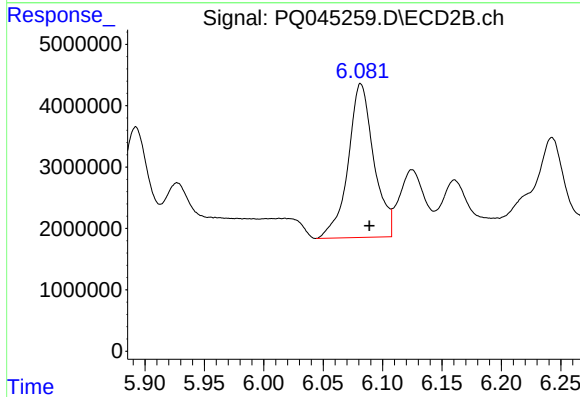
R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 21678057
Conc: 199.63 ng/ml



#7 AR-1016-5

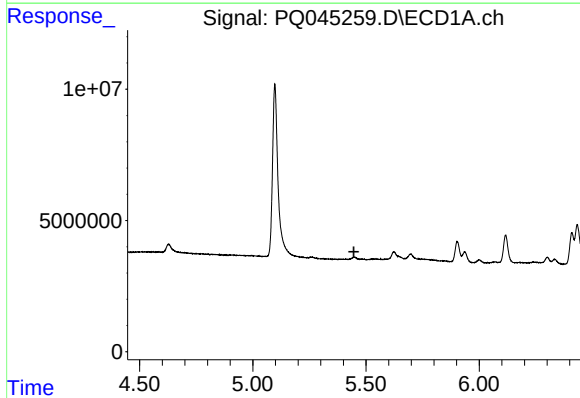
R.T.: 6.920 min
Delta R.T.: -0.010 min
Response: 34430273
Conc: 176.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



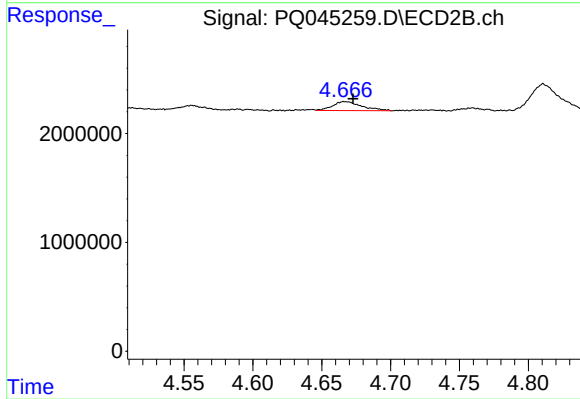
#7 AR-1016-5

R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 37648715
Conc: 246.42 ng/ml



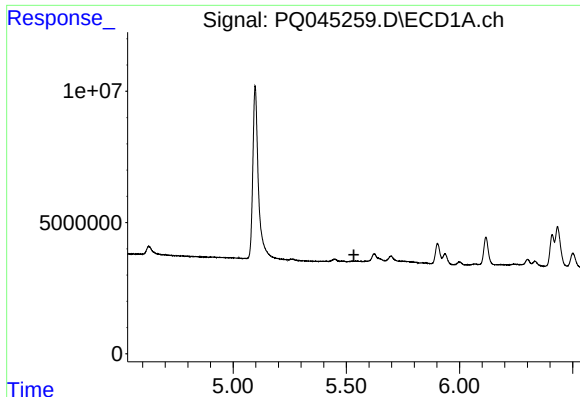
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.446 min
Response: 0
Conc: N.D.



#9 AR-1221-2

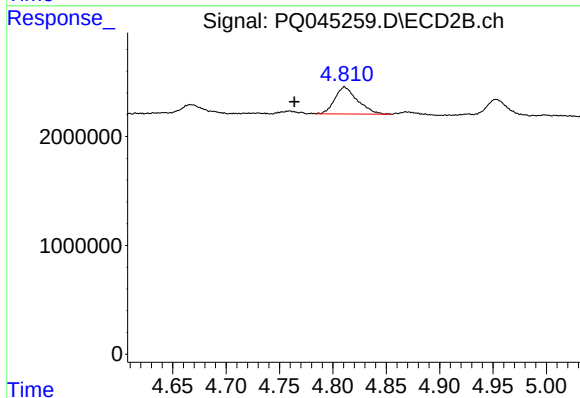
R.T.: 4.666 min
Delta R.T.: -0.007 min
Response: 1210731
Conc: 30.67 ng/ml



#10 AR-1221-3

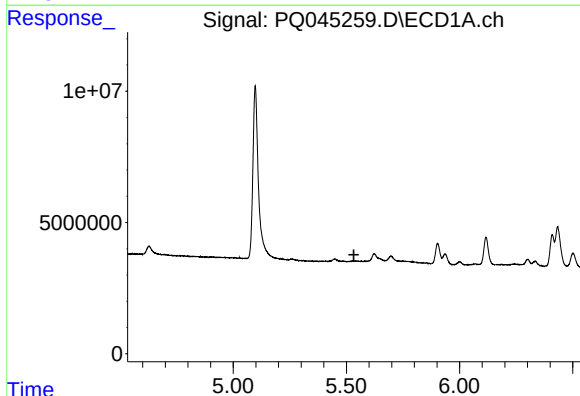
R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



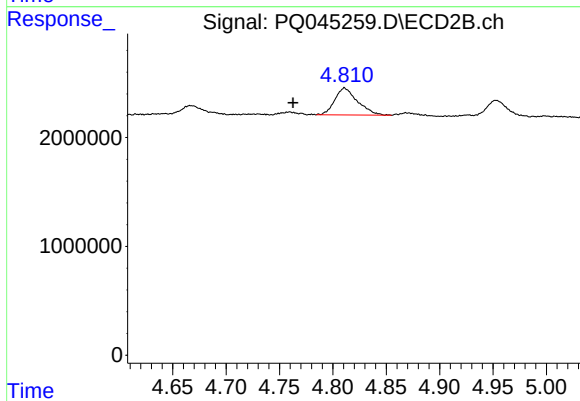
#10 AR-1221-3

R.T.: 4.811 min
Delta R.T.: 0.047 min
Response: 3677832
Conc: 28.14 ng/ml



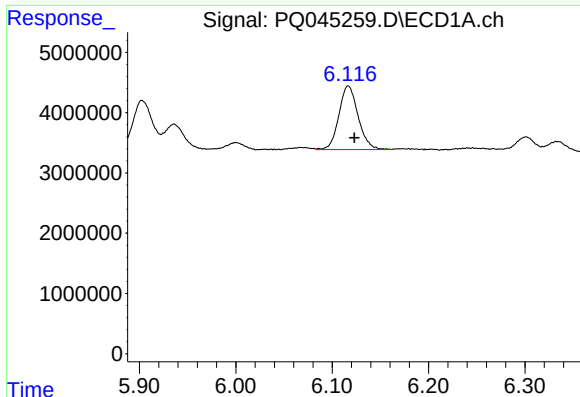
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.



#11 AR-1232-1

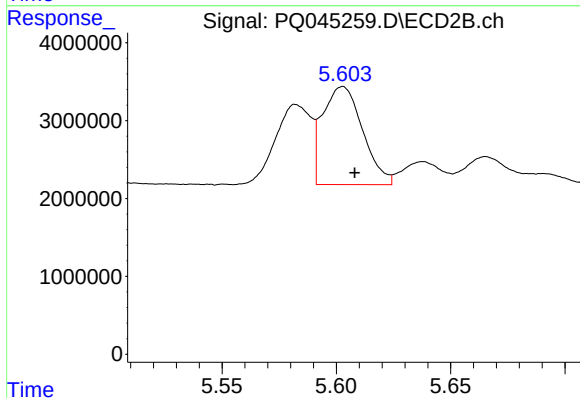
R.T.: 4.811 min
Delta R.T.: 0.048 min
Response: 3677832
Conc: 31.89 ng/ml



#12 AR-1232-2

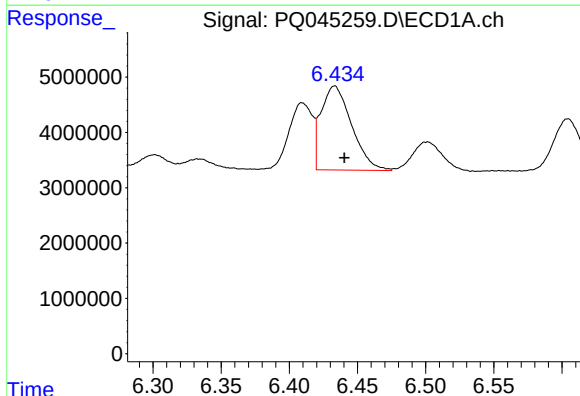
R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 14629603
Conc: 163.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



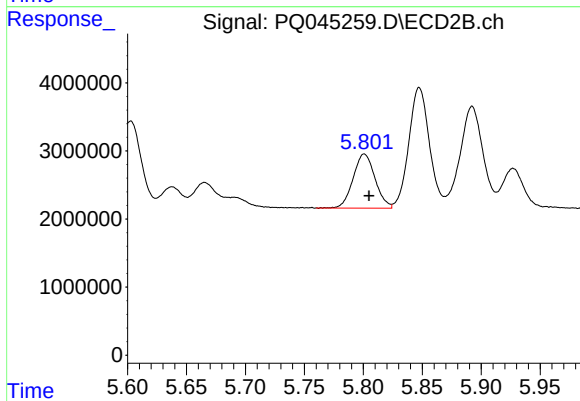
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 15375543
Conc: 123.62 ng/ml



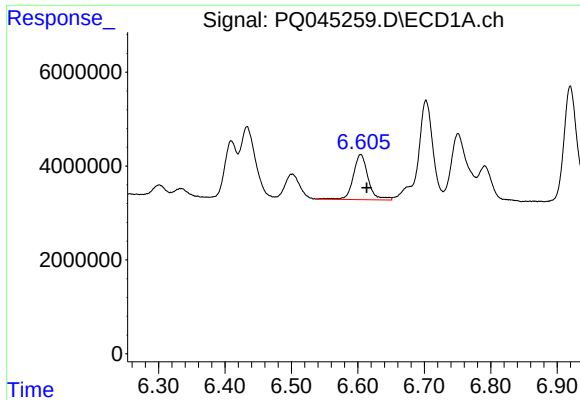
#13 AR-1232-3

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 23732959
Conc: 134.42 ng/ml



#13 AR-1232-3

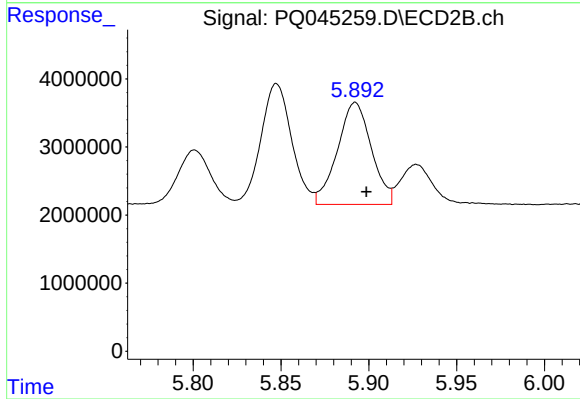
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 10266369
Conc: 173.36 ng/ml



#14 AR-1232-4

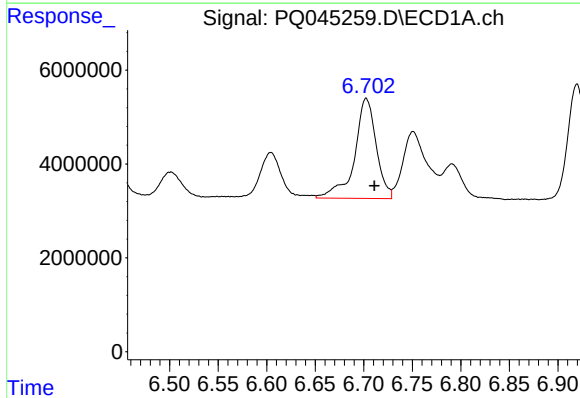
R.T.: 6.604 min
Delta R.T.: -0.009 min
Response: 14836272
Conc: 167.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



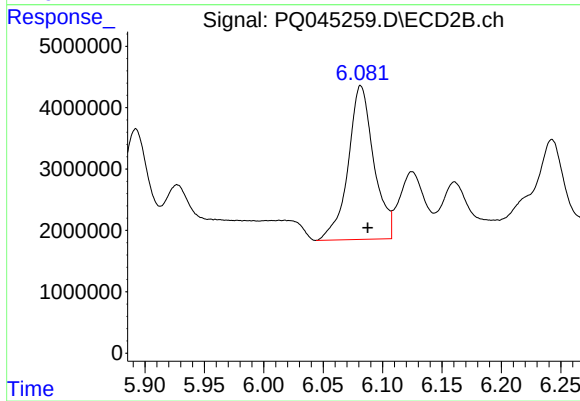
#14 AR-1232-4

R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 20159219
Conc: 335.35 ng/ml



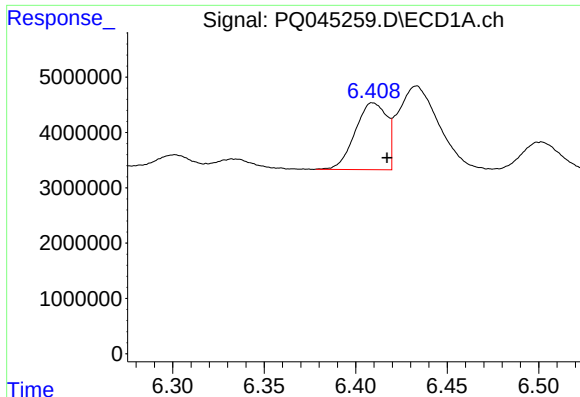
#15 AR-1232-5

R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 33080166
Conc: 498.65 ng/ml



#15 AR-1232-5

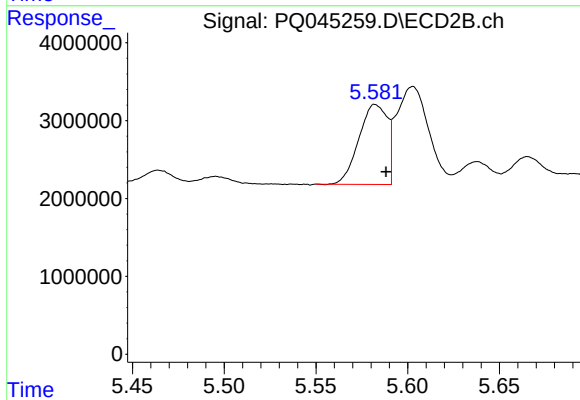
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 37648715
Conc: 516.92 ng/ml



#16 AR-1242-1

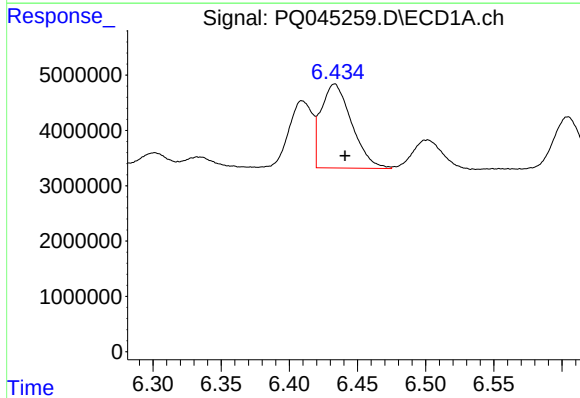
R.T.: 6.409 min
Delta R.T.: -0.008 min
Response: 14521107
Conc: 67.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



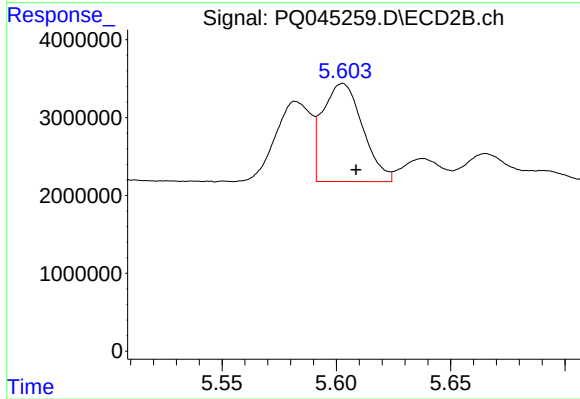
#16 AR-1242-1

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 11076207
Conc: 70.65 ng/ml



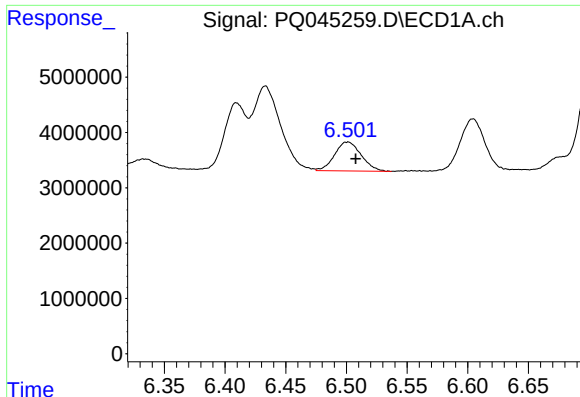
#17 AR-1242-2

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 23732959
Conc: 73.80 ng/ml



#17 AR-1242-2

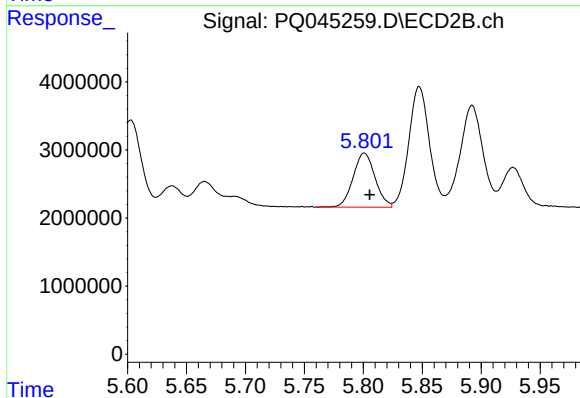
R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 15375543
Conc: 68.72 ng/ml



#18 AR-1242-3

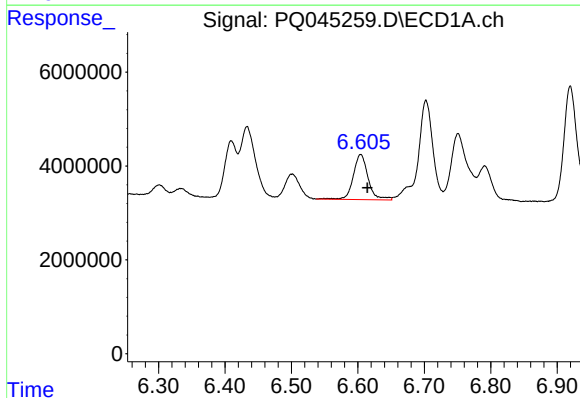
R.T.: 6.502 min
Delta R.T.: -0.006 min
Response: 7972726
Conc: 40.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



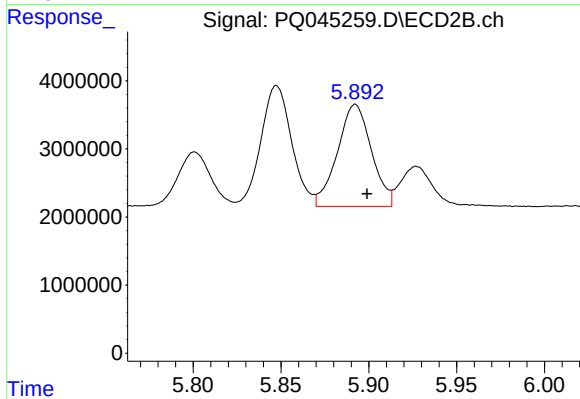
#18 AR-1242-3

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 10266369
Conc: 92.37 ng/ml



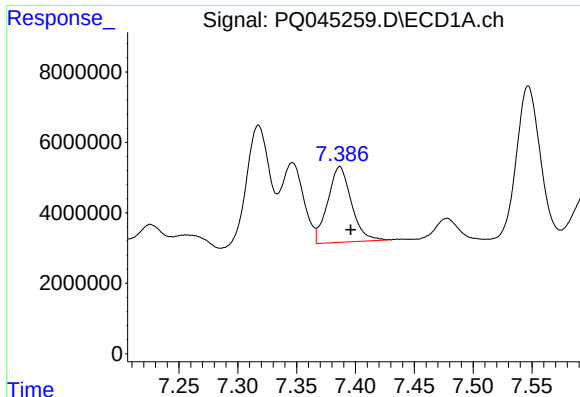
#19 AR-1242-4

R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 14836272
Conc: 91.89 ng/ml



#19 AR-1242-4

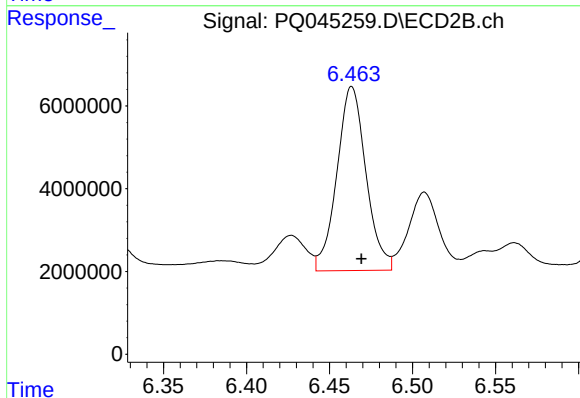
R.T.: 5.892 min
Delta R.T.: -0.007 min
Response: 20159219
Conc: 169.06 ng/ml



#20 AR-1242-5

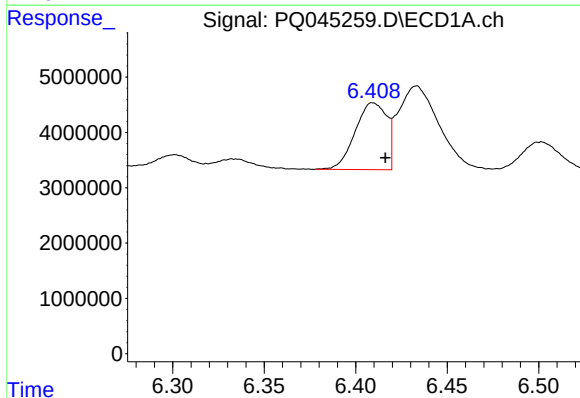
R.T.: 7.387 min
Delta R.T.: -0.009 min
Response: 30125438
Conc: 166.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



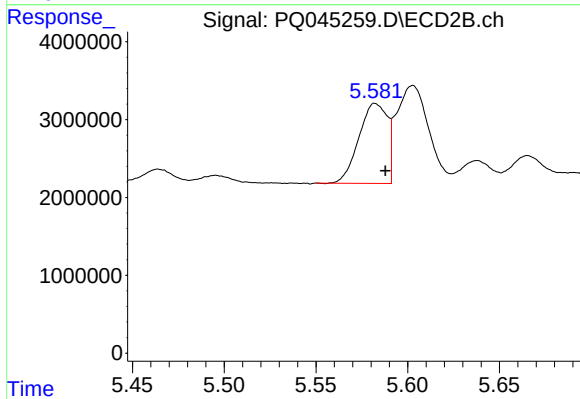
#20 AR-1242-5

R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 54250624
Conc: 330.39 ng/ml



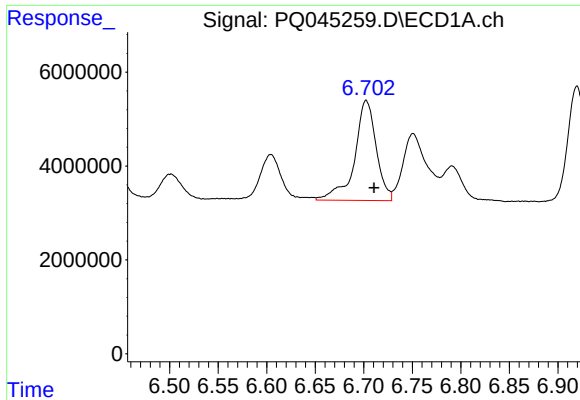
#21 AR-1248-1

R.T.: 6.409 min
Delta R.T.: -0.007 min
Response: 14521107
Conc: 86.22 ng/ml



#21 AR-1248-1

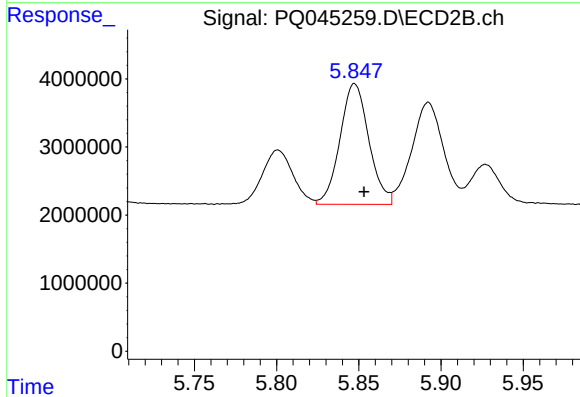
R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 11076207
Conc: 89.00 ng/ml



#22 AR-1248-2

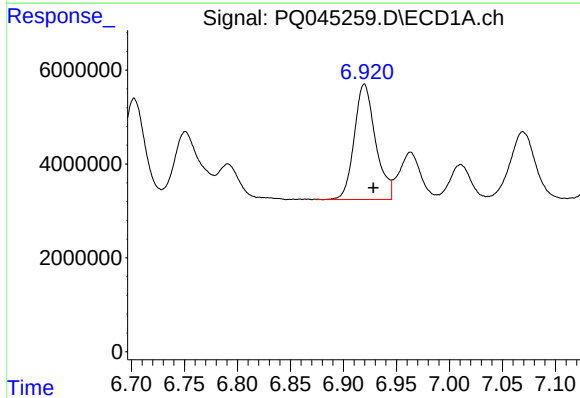
R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 33080166
Conc: 135.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



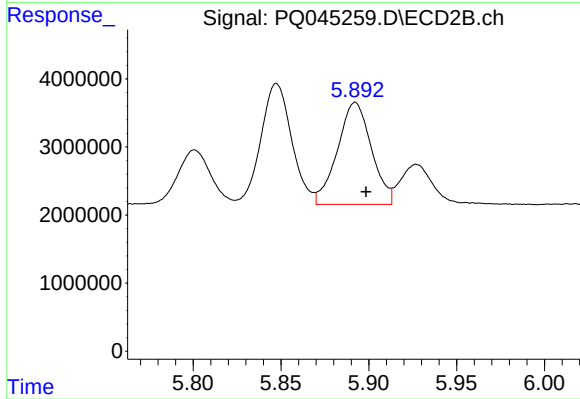
#22 AR-1248-2

R.T.: 5.847 min
Delta R.T.: -0.006 min
Response: 21678057
Conc: 127.35 ng/ml



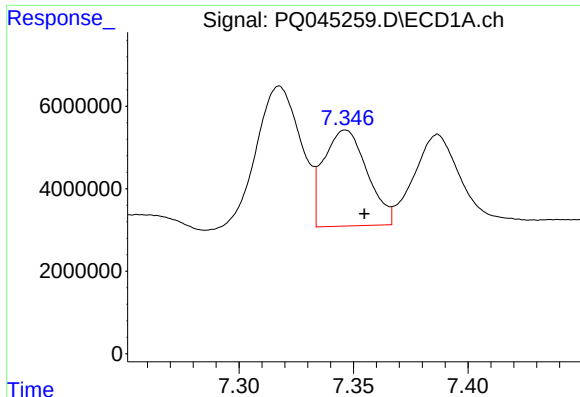
#23 AR-1248-3

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 34430273
Conc: 126.51 ng/ml



#23 AR-1248-3

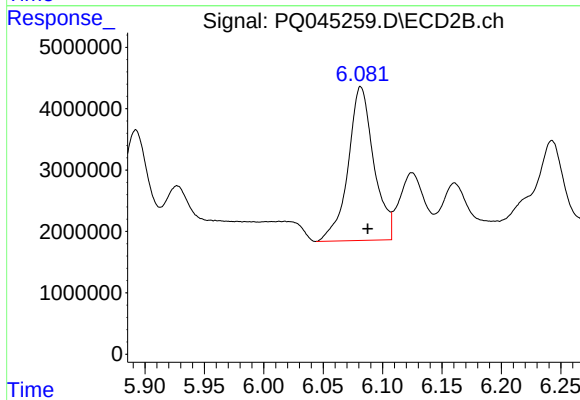
R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 20159219
Conc: 112.72 ng/ml



#24 AR-1248-4

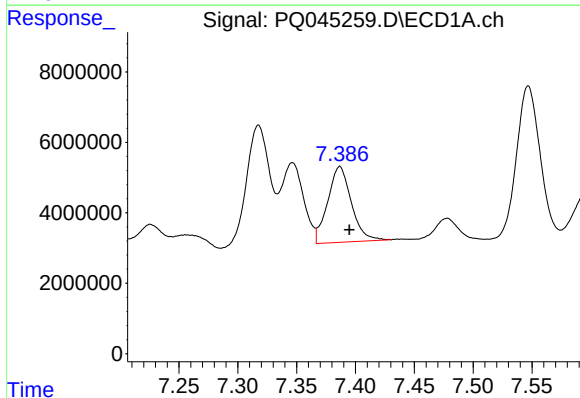
R.T.: 7.346 min
Delta R.T.: -0.008 min
Response: 30726672
Conc: 101.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



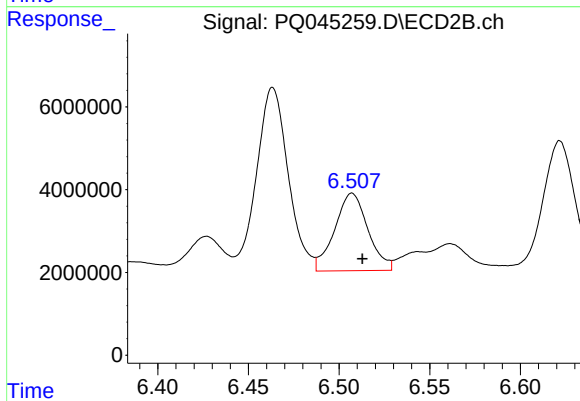
#24 AR-1248-4

R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 37648715
Conc: 172.96 ng/ml



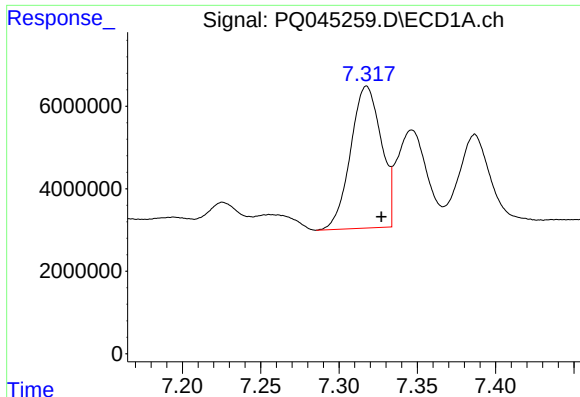
#25 AR-1248-5

R.T.: 7.387 min
Delta R.T.: -0.008 min
Response: 30125438
Conc: 105.32 ng/ml



#25 AR-1248-5

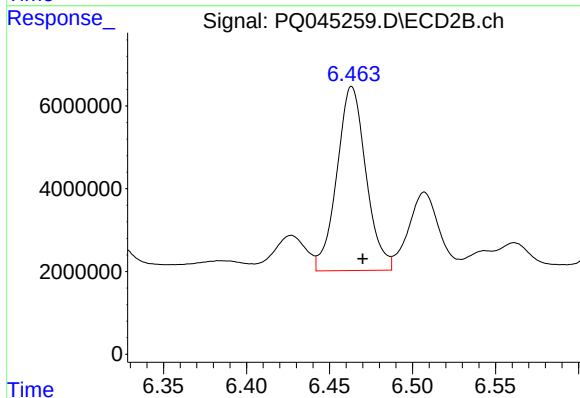
R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 23958090
Conc: 107.44 ng/ml



#26 AR-1254-1

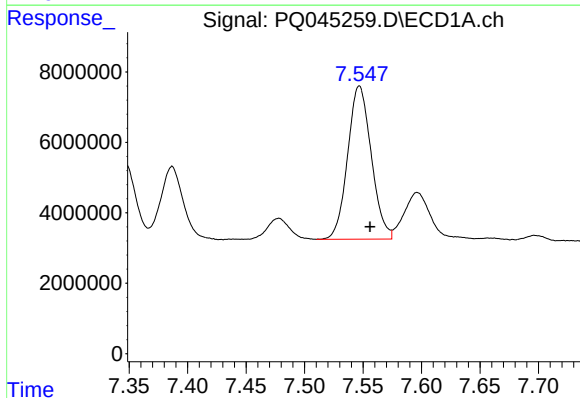
R.T.: 7.318 min
Delta R.T.: -0.009 min
Response: 46836744
Conc: 144.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



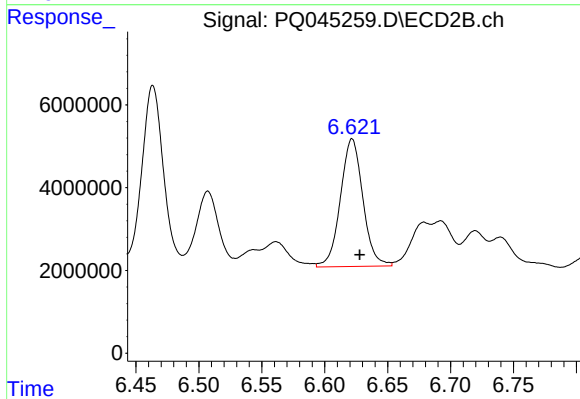
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: -0.007 min
Response: 54250624
Conc: 149.13 ng/ml



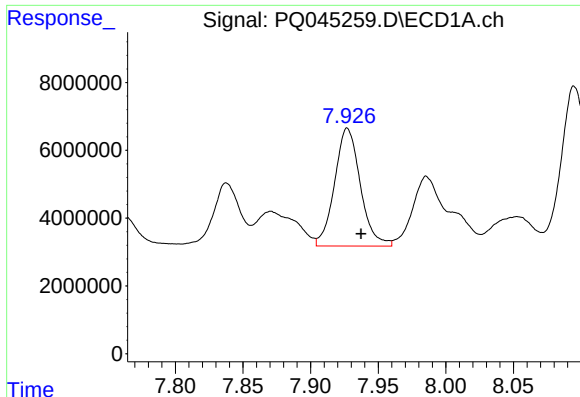
#27 AR-1254-2

R.T.: 7.547 min
Delta R.T.: -0.009 min
Response: 61083295
Conc: 123.03 ng/ml



#27 AR-1254-2

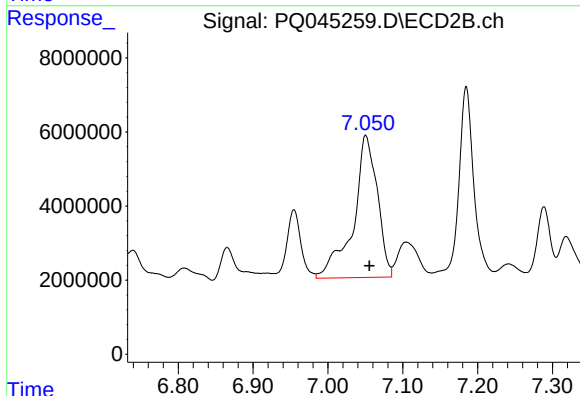
R.T.: 6.622 min
Delta R.T.: -0.006 min
Response: 38434003
Conc: 119.33 ng/ml



#28 AR-1254-3

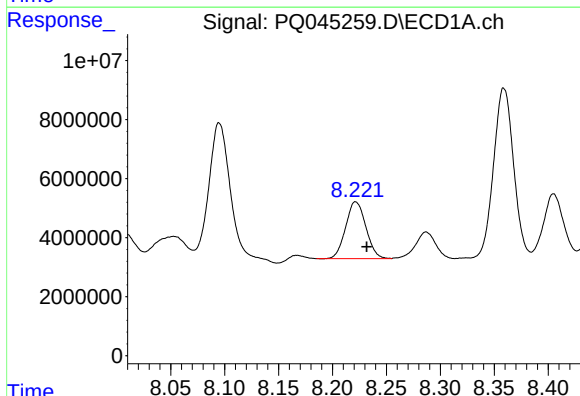
R.T.: 7.927 min
Delta R.T.: -0.010 min
Response: 46072033
Conc: 86.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



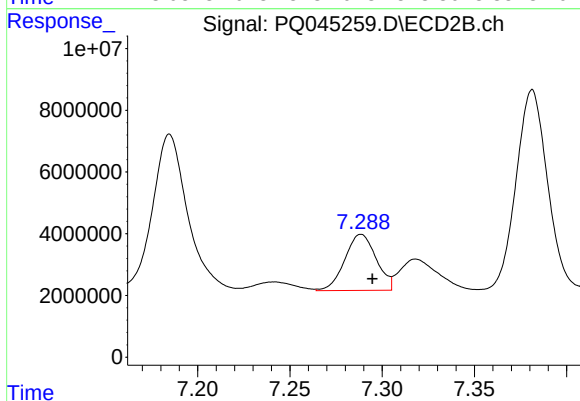
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 85560857
Conc: 154.25 ng/ml



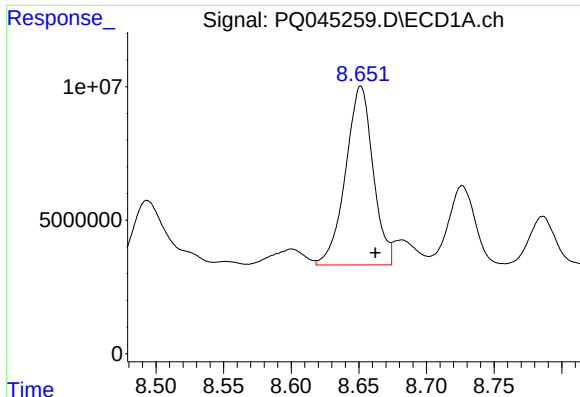
#29 AR-1254-4

R.T.: 8.221 min
Delta R.T.: -0.010 min
Response: 25189657
Conc: 65.21 ng/ml



#29 AR-1254-4

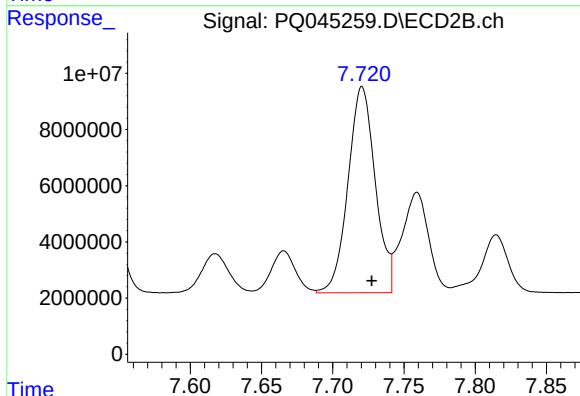
R.T.: 7.289 min
Delta R.T.: -0.006 min
Response: 21566515
Conc: 60.34 ng/ml



#30 AR-1254-5

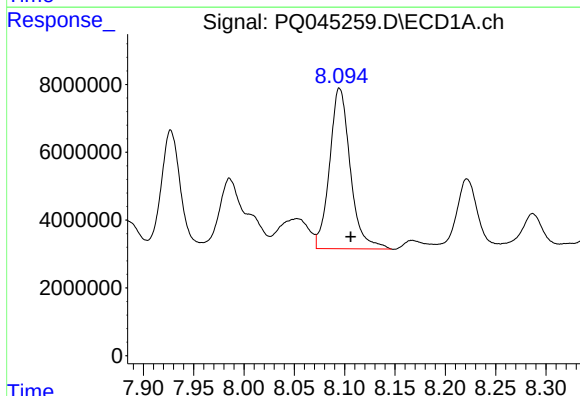
R.T.: 8.651 min
Delta R.T.: -0.011 min
Response: 94848762
Conc: 219.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



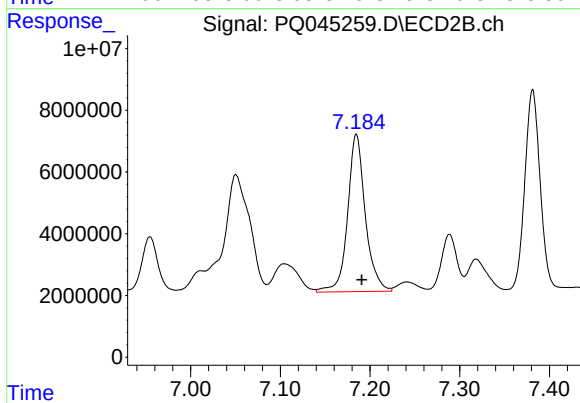
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 97609368
Conc: 195.21 ng/ml



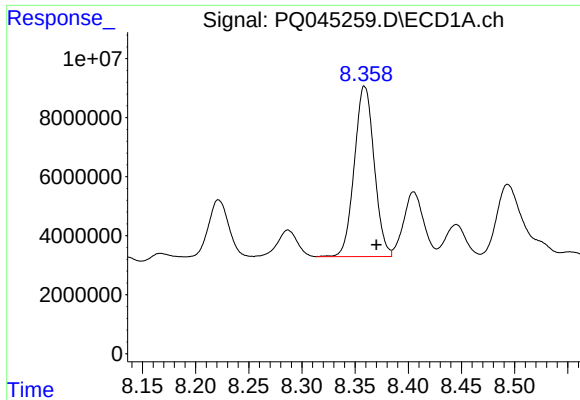
#31 AR-1260-1

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 67885372
Conc: 217.36 ng/ml



#31 AR-1260-1

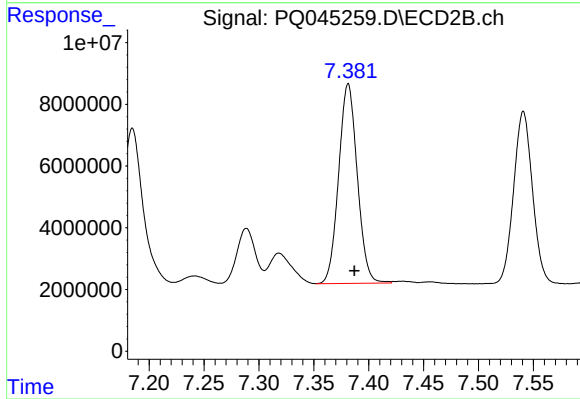
R.T.: 7.185 min
Delta R.T.: -0.006 min
Response: 69977114
Conc: 228.41 ng/ml



#32 AR-1260-2

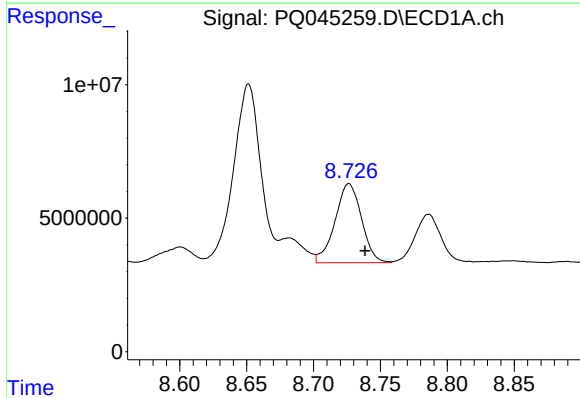
R.T.: 8.359 min
Delta R.T.: -0.011 min
Response: 75034264
Conc: 183.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



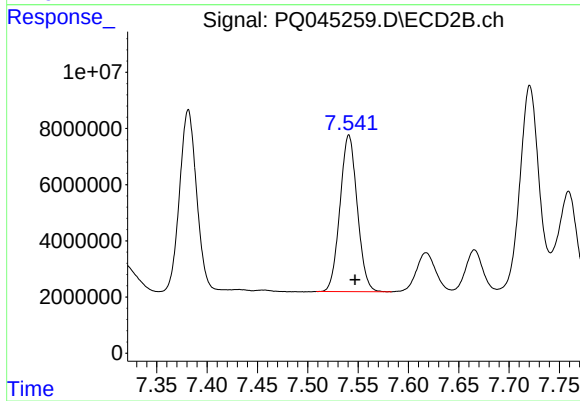
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 76471642
Conc: 193.67 ng/ml



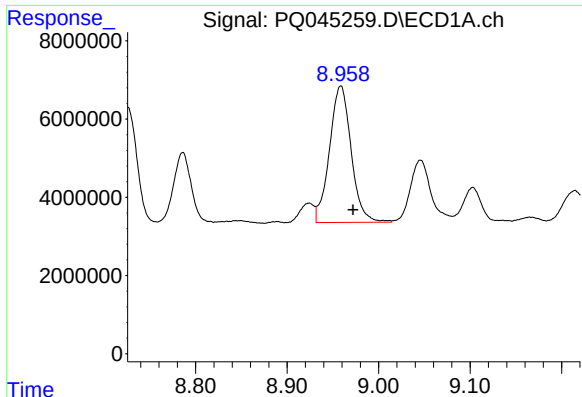
#33 AR-1260-3

R.T.: 8.726 min
Delta R.T.: -0.012 min
Response: 40842390
Conc: 125.10 ng/ml



#33 AR-1260-3

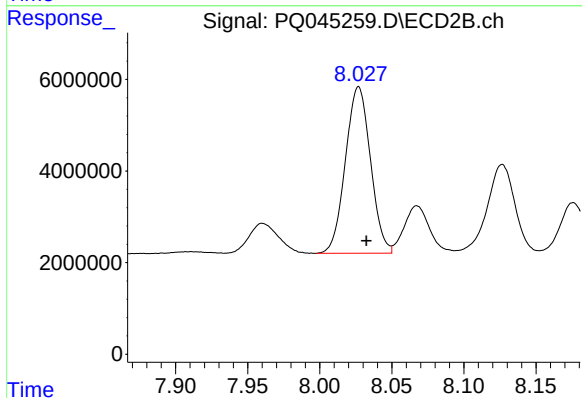
R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 66601963
Conc: 194.41 ng/ml



#34 AR-1260-4

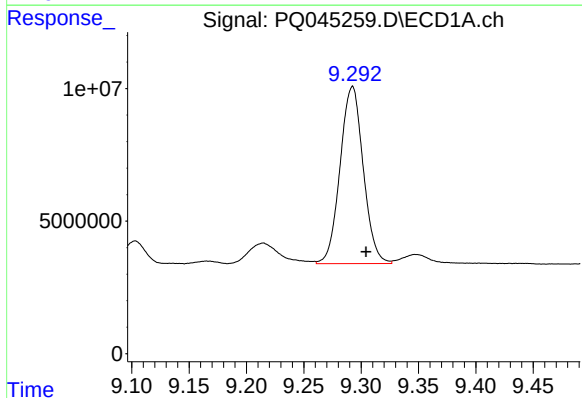
R.T.: 8.959 min
Delta R.T.: -0.013 min
Response: 57464475
Conc: 151.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



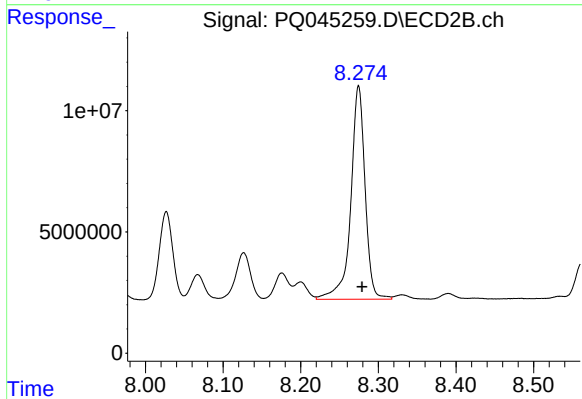
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 43881579
Conc: 143.10 ng/ml



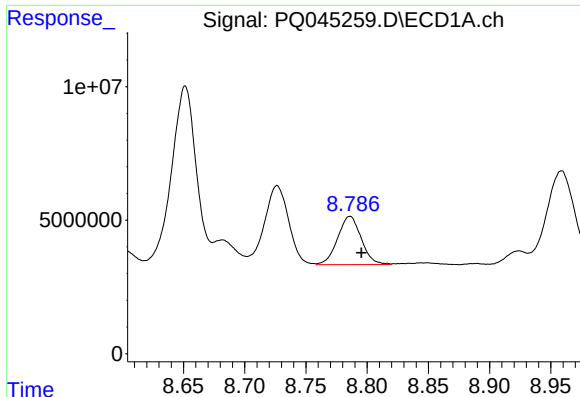
#35 AR-1260-5

R.T.: 9.292 min
Delta R.T.: -0.012 min
Response: 94109235
Conc: 122.25 ng/ml



#35 AR-1260-5

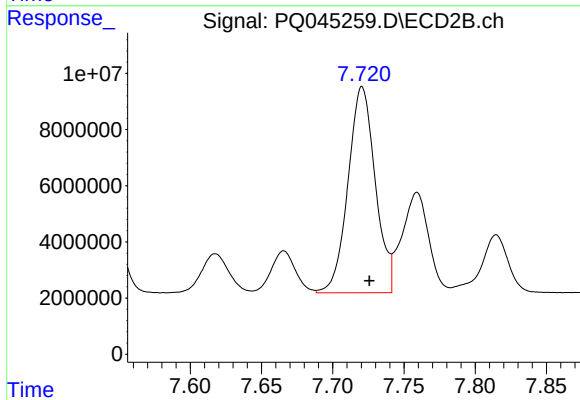
R.T.: 8.275 min
Delta R.T.: -0.004 min
Response: 112795978
Conc: 144.12 ng/ml



#36 AR-1262-1

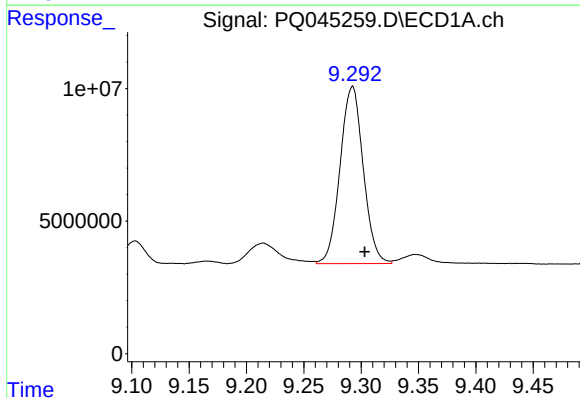
R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 24178504
Conc: 115.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



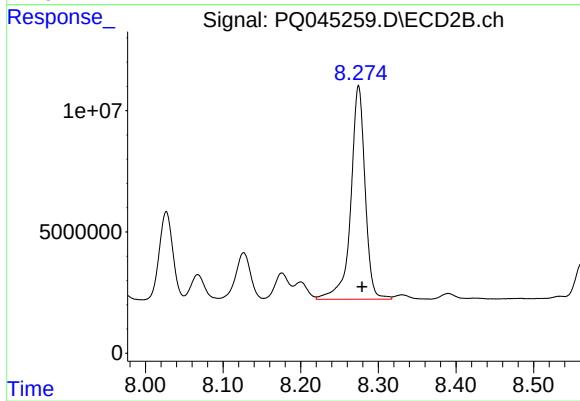
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.005 min
Response: 97609368
Conc: 385.67 ng/ml



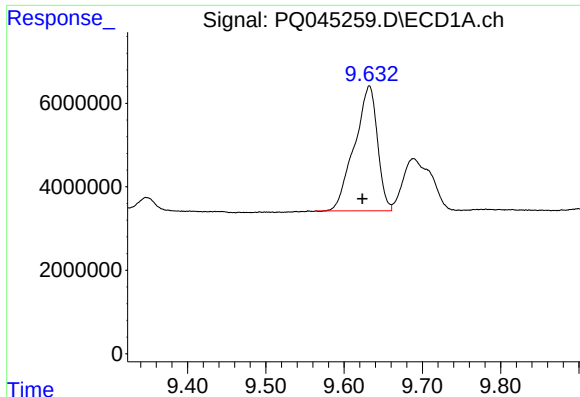
#37 AR-1262-2

R.T.: 9.292 min
Delta R.T.: -0.011 min
Response: 94109235
Conc: 104.20 ng/ml



#37 AR-1262-2

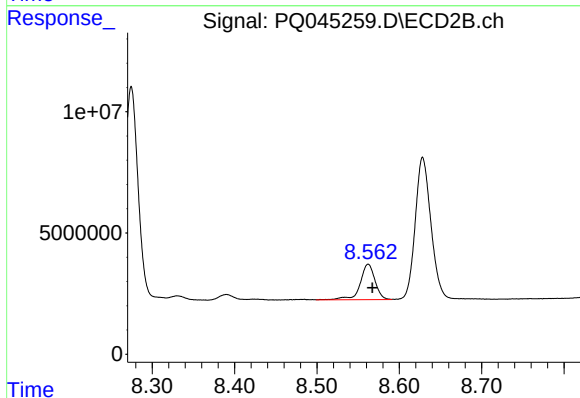
R.T.: 8.275 min
Delta R.T.: -0.005 min
Response: 112795978
Conc: 114.31 ng/ml



#38 AR-1262-3

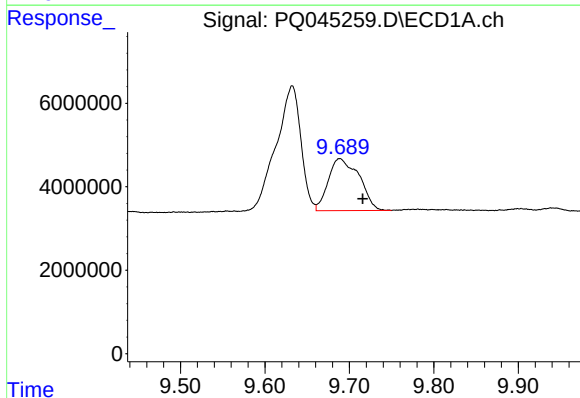
R.T.: 9.632 min
Delta R.T.: 0.009 min
Response: 60942844
Conc: 99.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



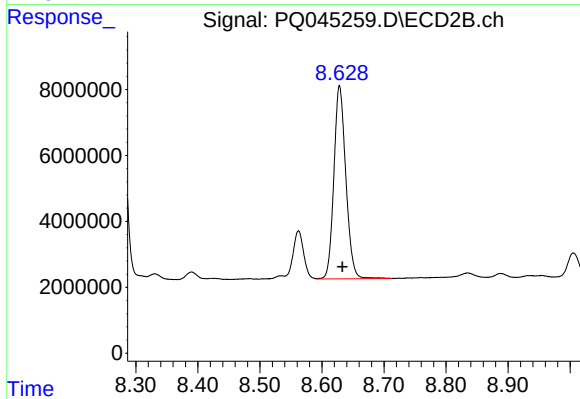
#38 AR-1262-3

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 18370054
Conc: 47.68 ng/ml



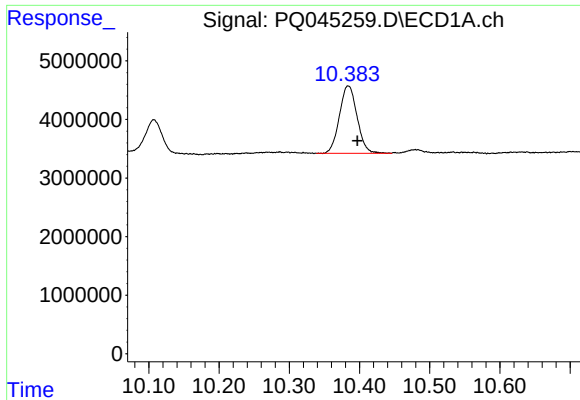
#39 AR-1262-4

R.T.: 9.689 min
Delta R.T.: -0.027 min
Response: 31648690
Conc: 69.66 ng/ml



#39 AR-1262-4

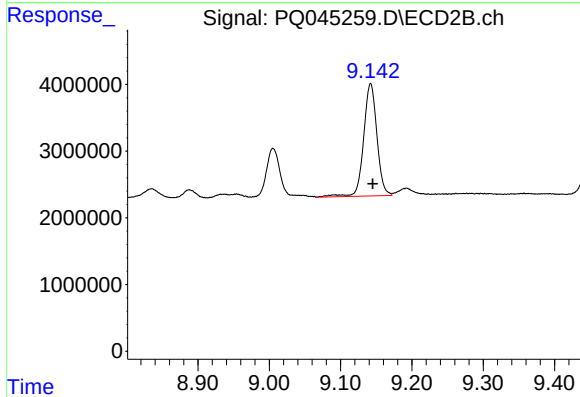
R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 78324737
Conc: 106.32 ng/ml



#40 AR-1262-5

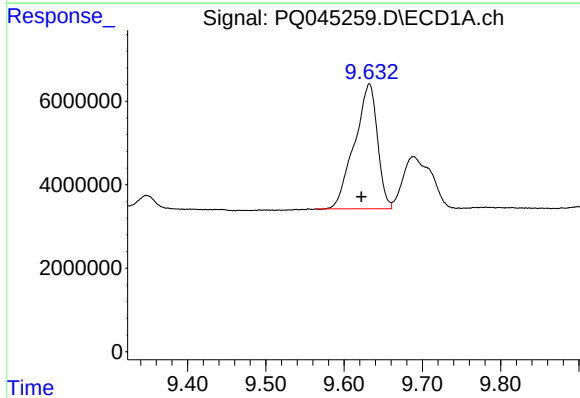
R.T.: 10.384 min
Delta R.T.: -0.013 min
Response: 20078076
Conc: 65.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



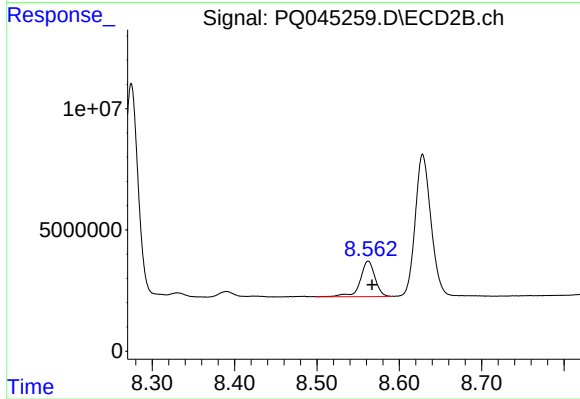
#40 AR-1262-5

R.T.: 9.142 min
Delta R.T.: -0.003 min
Response: 21817795
Conc: 62.67 ng/ml



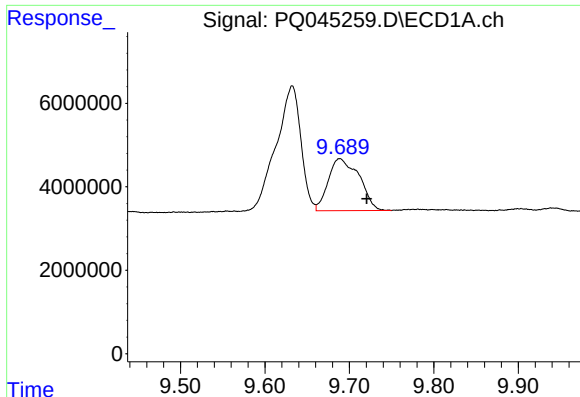
#41 AR-1268-1

R.T.: 9.632 min
Delta R.T.: 0.010 min
Response: 60942844
Conc: 54.57 ng/ml



#41 AR-1268-1

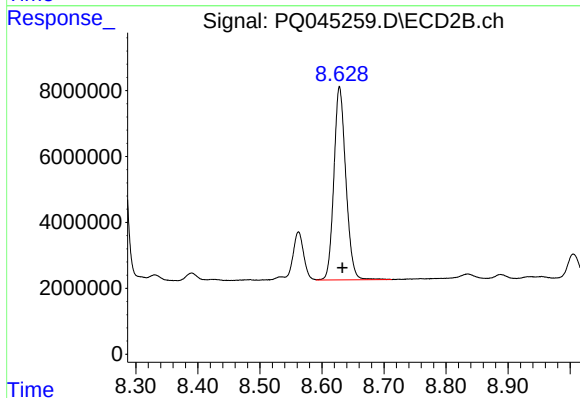
R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 18370054
Conc: 15.28 ng/ml



#42 AR-1268-2

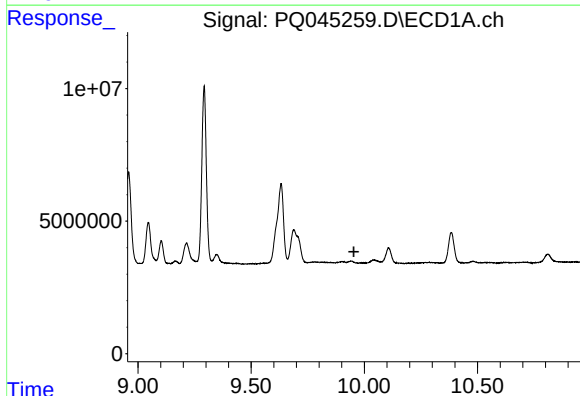
R.T.: 9.689 min
Delta R.T.: -0.032 min
Response: 31648690
Conc: 31.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



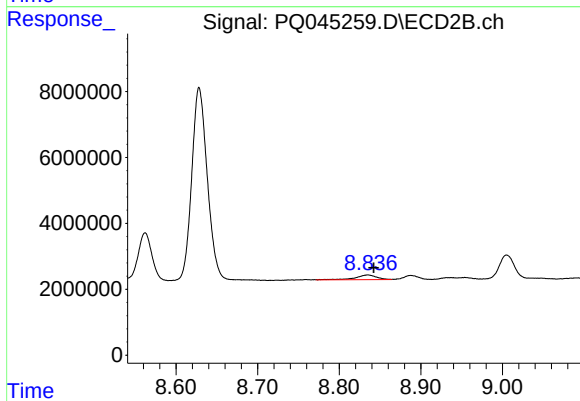
#42 AR-1268-2

R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 78324737
Conc: 70.34 ng/ml



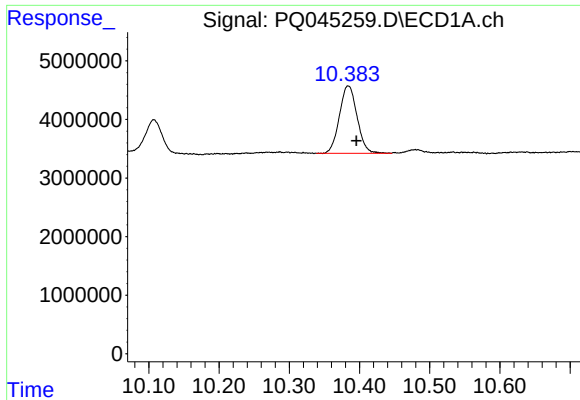
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

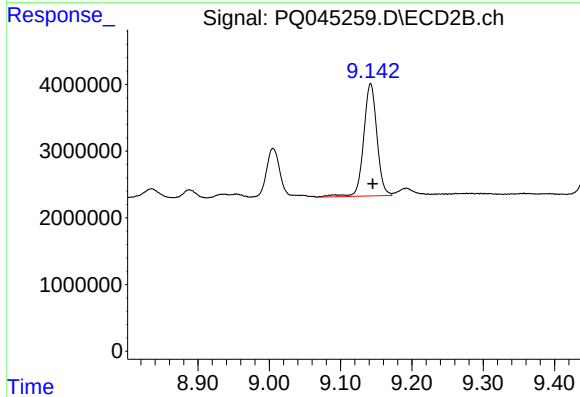
R.T.: 8.835 min
Delta R.T.: -0.007 min
Response: 2604373
Conc: 2.80 ng/ml



#44 AR-1268-4

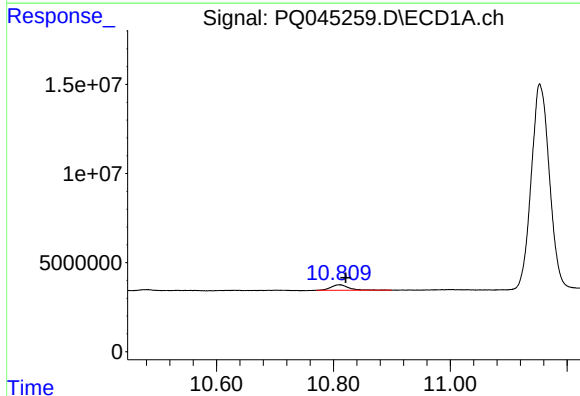
R.T.: 10.384 min
Delta R.T.: -0.011 min
Response: 20078076
Conc: 57.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPZ1



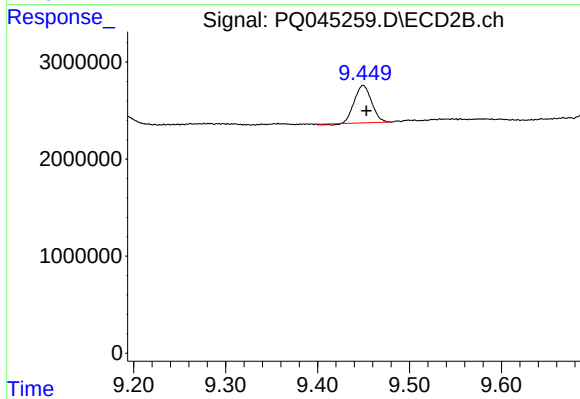
#44 AR-1268-4

R.T.: 9.142 min
Delta R.T.: -0.003 min
Response: 21817795
Conc: 54.17 ng/ml



#45 AR-1268-5

R.T.: 10.811 min
Delta R.T.: -0.010 min
Response: 6435351
Conc: 2.47 ng/ml



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: -0.004 min
Response: 5001559
Conc: 1.65 ng/ml