

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 01:13
 Operator : SM\AJ
 Sample : K4503-09
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQA1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 07:08:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.622	4.686	64812697	61878525	21.834	24.691
2)	SA Decachlor...	11.973	10.417	251.1E6	213.8E6	33.261	35.014
Target Compounds							
3)	L1 AR-1016-1	7.069	6.135	20974080	21892833	172.360	190.123
4)	L1 AR-1016-2	7.093	6.157	29312407	28888879	159.273	179.960
5)	L1 AR-1016-3	7.166	6.371	881344	7694387	7.088	89.739 #
6)	L1 AR-1016-4	7.278	6.426	6536721	38198264	73.975	528.996 #
7)	L1 AR-1016-5	7.611	6.677	26438993	27966471	312.629	312.244
9)	L2 AR-1221-2	0.000	5.105	0	1104663	N.D.	45.903 #
10)	L2 AR-1221-3	0.000	5.210	0	620930	N.D.	7.518 #
11)	L3 AR-1232-1	0.000	5.210	0	620930	N.D.	9.217 #
12)	L3 AR-1232-2	6.751	6.157	2428464	28888879	65.976	378.177 #
13)	L3 AR-1232-3	7.093	6.371	29312407	7694387	350.642	189.631 #
14)	L3 AR-1232-4	7.278	6.473	6536721	33865038	160.320	851.257 #
15)	L3 AR-1232-5	7.383	6.677	35042826	27966471	1432.716	705.241 #
16)	L4 AR-1242-1	7.069	6.135	20974080	21892833	200.977	211.934
17)	L4 AR-1242-2	7.093	6.157	29312407	28888879	192.434	203.860
18)	L4 AR-1242-3	7.166	6.371	881344	7694387	8.648	101.666 #
19)	L4 AR-1242-4	7.278	6.473	6536721	33865038	84.991	442.248 #
20)	L4 AR-1242-5	8.100	7.087	117.4E6	125.9E6	1244.212	1123.400
21)	L5 AR-1248-1	7.069	6.135	20974080	21892833	251.559	266.334
22)	L5 AR-1248-2	7.383	6.426	35042826	38198264	343.118	346.741
23)	L5 AR-1248-3	7.611	6.473	26438993	33865038	208.347	300.499 #
24)	L5 AR-1248-4	8.059	6.677	110.1E6	27966471	664.246	204.708 #
25)	L5 AR-1248-5	8.100	7.133	117.4E6	117.5E6	737.375	746.466
26)	L6 AR-1254-1	8.027	7.087	69525540	125.9E6	473.836	558.082
27)	L6 AR-1254-2	8.269	7.255	102.1E6	48175123	425.721	238.248 #
28)	L6 AR-1254-3	8.660	7.701	93112905	116.4E6	326.607	330.602
29)	L6 AR-1254-4	8.963	7.951	73421177	81633299	307.931	318.123
30)	L6 AR-1254-5	9.401	8.396	62515195	63179892	242.121	173.873 #
31)	L7 AR-1260-1	8.833	7.841	18366796	49496094	104.183	242.595 #
32)	L7 AR-1260-2	9.102	8.047	45705808	28427154	190.156	106.120 #
33)	L7 AR-1260-3	9.476	8.210	17905531	23779947	82.818	99.764
34)	L7 AR-1260-4	9.712	8.706	28437137	14760180	117.109	65.105 #
35)	L7 AR-1260-5	10.061	8.960	29188280	42650304	49.167	68.483 #
36)	L8 AR-1262-1	9.540	8.490	10914001	12042954	75.720	70.352
37)	L8 AR-1262-2	10.061	8.960	29188280	42650304	38.794	51.054 #
38)	L8 AR-1262-3	10.411	9.253	25010301	11436455	46.504	32.176 #
39)	L8 AR-1262-4	10.485	9.319	5999412	25148230	13.800	39.001 #
40)	L8 AR-1262-5	11.185	9.837	8568454	10083755	24.981	31.876 #
41)	L9 AR-1268-1	10.411	9.253	25010301	11436455	26.158	11.392 #
42)	L9 AR-1268-2	10.485	9.319	5999412	25148230	6.441	26.782 #
43)	L9 AR-1268-3	10.731	9.528	8256821	6674890	10.190	8.380

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 01:13
 Operator : SM\AJ
 Sample : K4503-09
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

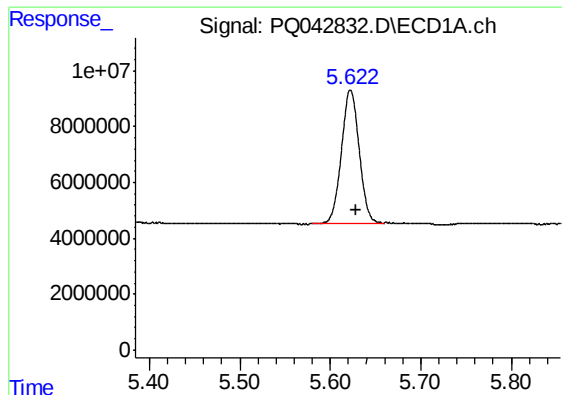
Instrument :
 ECD_Q
 ClientSampleId :
 ETQA1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 07:08:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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
44) L9	AR-1268-4	11.185	9.837	8568454	10083755	23.092	29.464 #
45) L9	AR-1268-5	11.620	10.146	5995582	5461616	2.118	2.131

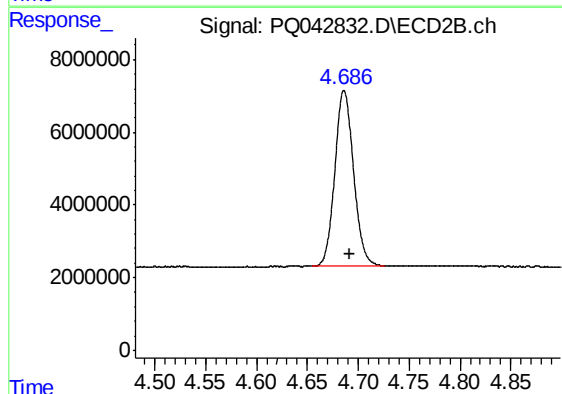
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

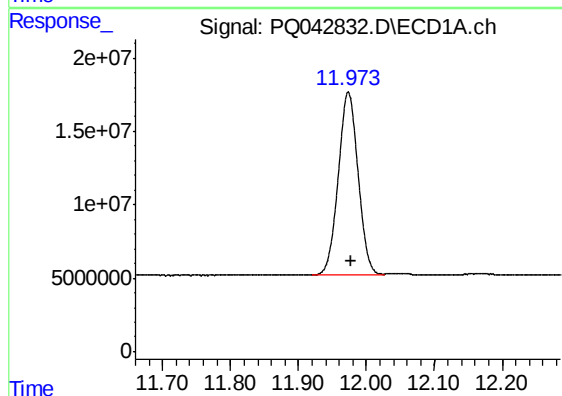
R.T.: 5.622 min
Delta R.T.: -0.007 min
Response: 64812697
Conc: 21.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



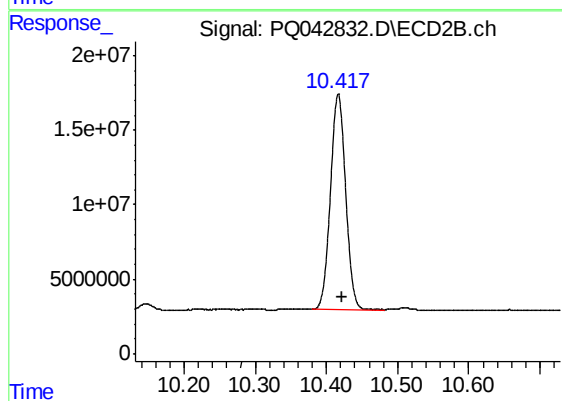
#1 Tetrachloro-m-xylene

R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 61878525
Conc: 24.69 ng/ml



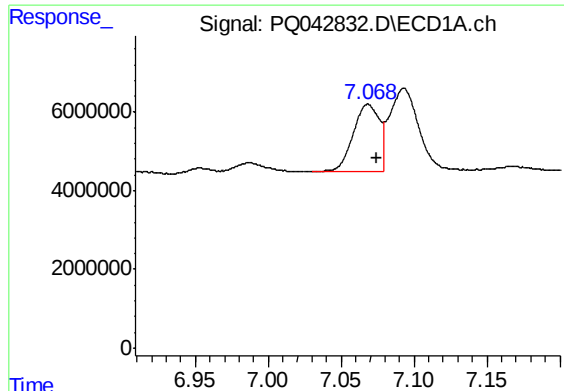
#2 Decachlorobiphenyl

R.T.: 11.973 min
Delta R.T.: -0.005 min
Response: 251078373
Conc: 33.26 ng/ml



#2 Decachlorobiphenyl

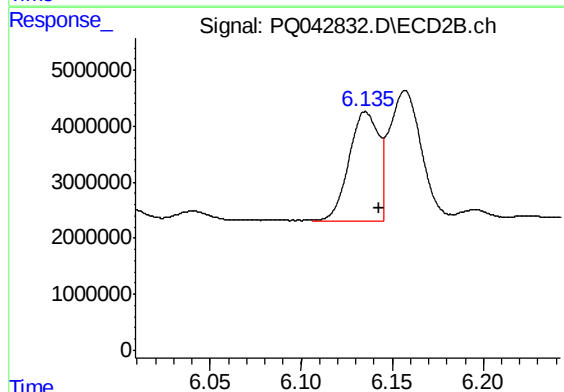
R.T.: 10.417 min
Delta R.T.: -0.005 min
Response: 213811855
Conc: 35.01 ng/ml



#3 AR-1016-1

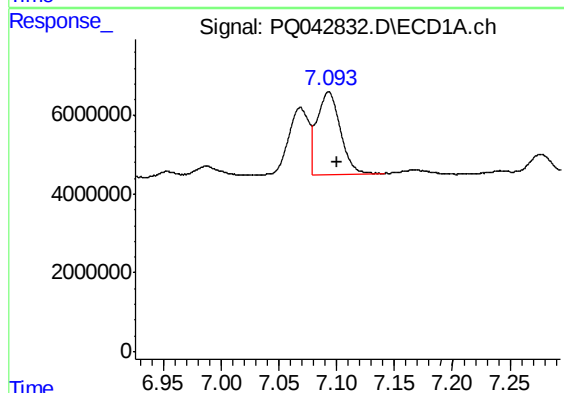
R.T.: 7.069 min
Delta R.T.: -0.006 min
Response: 20974080
Conc: 172.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



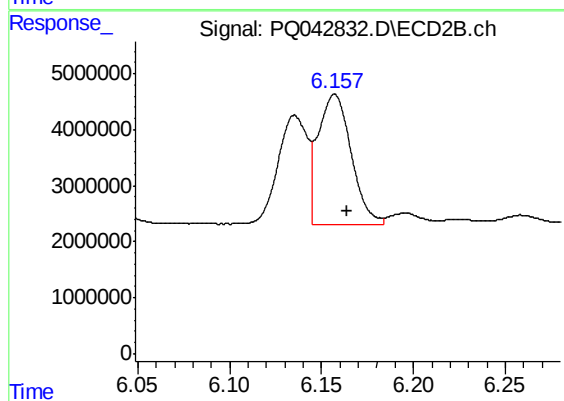
#3 AR-1016-1

R.T.: 6.135 min
Delta R.T.: -0.007 min
Response: 21892833
Conc: 190.12 ng/ml



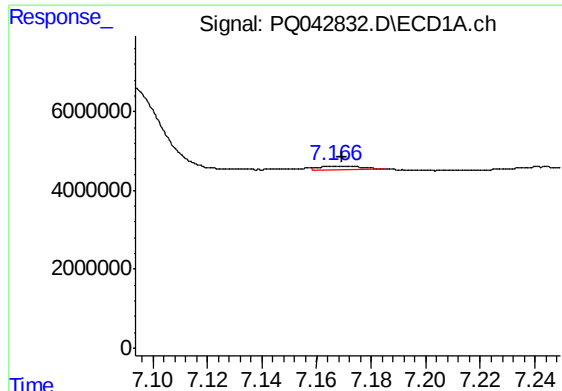
#4 AR-1016-2

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 29312407
Conc: 159.27 ng/ml



#4 AR-1016-2

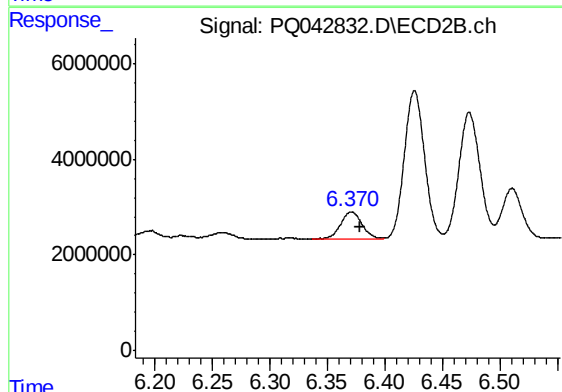
R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 28888879
Conc: 179.96 ng/ml



#5 AR-1016-3

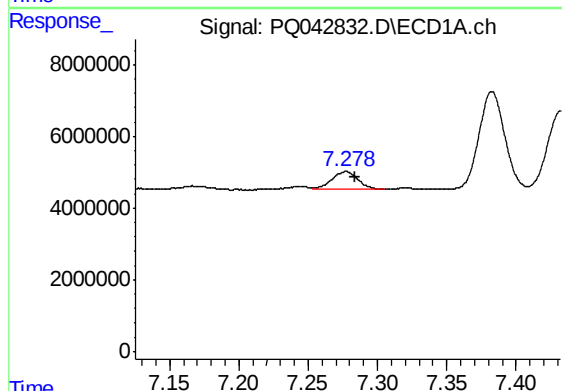
R.T.: 7.166 min
Delta R.T.: -0.003 min
Response: 881344
Conc: 7.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



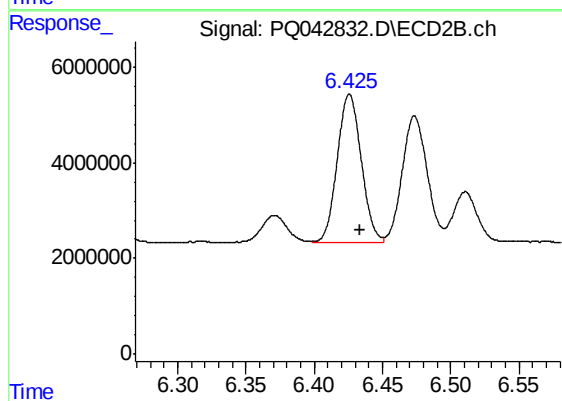
#5 AR-1016-3

R.T.: 6.371 min
Delta R.T.: -0.007 min
Response: 7694387
Conc: 89.74 ng/ml



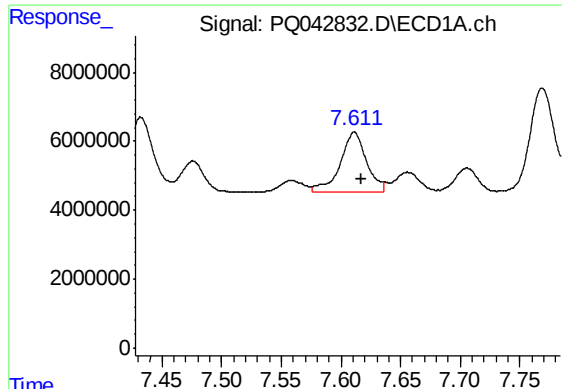
#6 AR-1016-4

R.T.: 7.278 min
Delta R.T.: -0.006 min
Response: 6536721
Conc: 73.98 ng/ml



#6 AR-1016-4

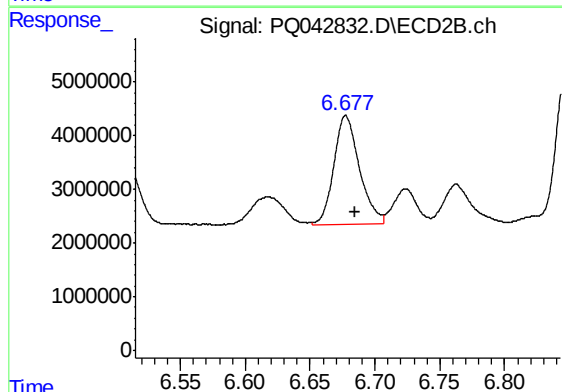
R.T.: 6.426 min
Delta R.T.: -0.007 min
Response: 38198264
Conc: 529.00 ng/ml



#7 AR-1016-5

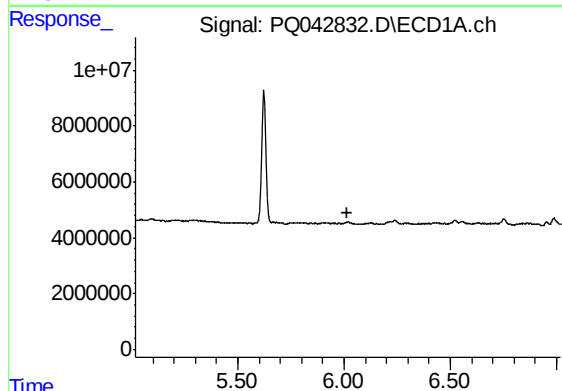
R.T.: 7.611 min
Delta R.T.: -0.006 min
Response: 26438993
Conc: 312.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



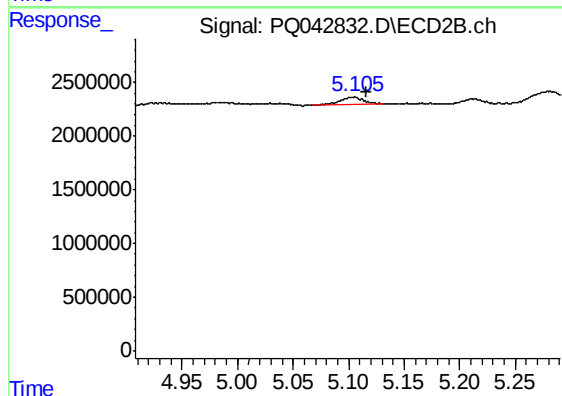
#7 AR-1016-5

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 27966471
Conc: 312.24 ng/ml



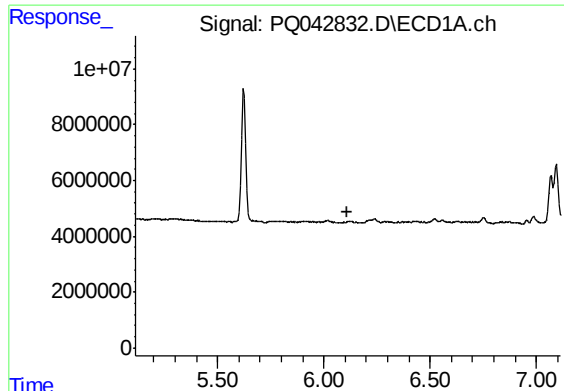
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.018 min
Response: 0
Conc: N.D.



#9 AR-1221-2

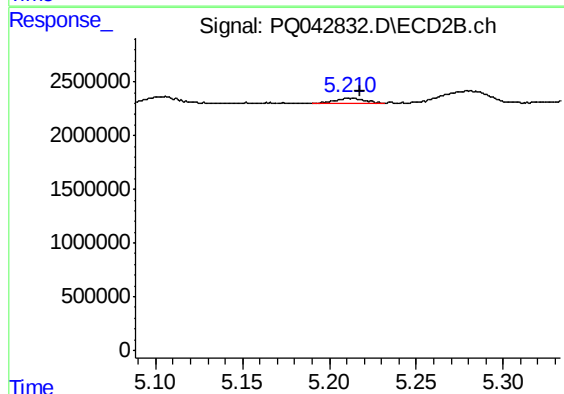
R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 1104663
Conc: 45.90 ng/ml



#10 AR-1221-3

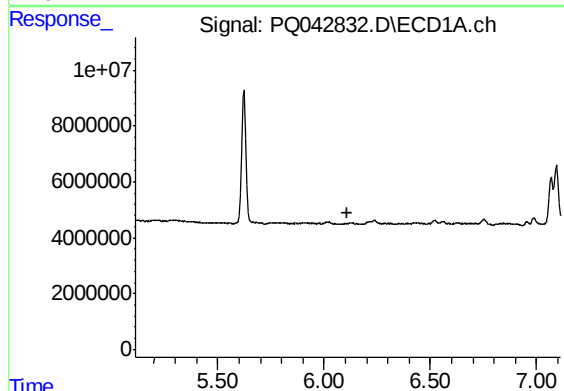
R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQA1



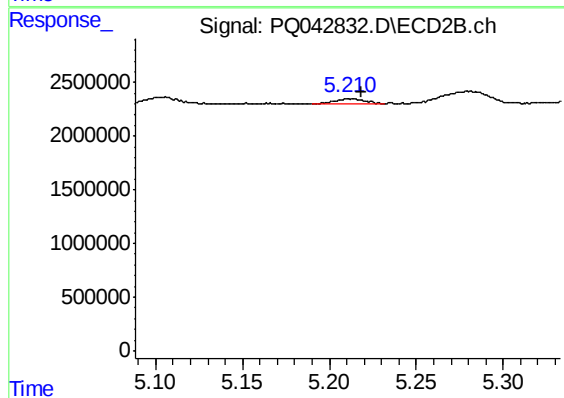
#10 AR-1221-3

R.T.: 5.210 min
Delta R.T.: -0.008 min
Response: 620930
Conc: 7.52 ng/ml



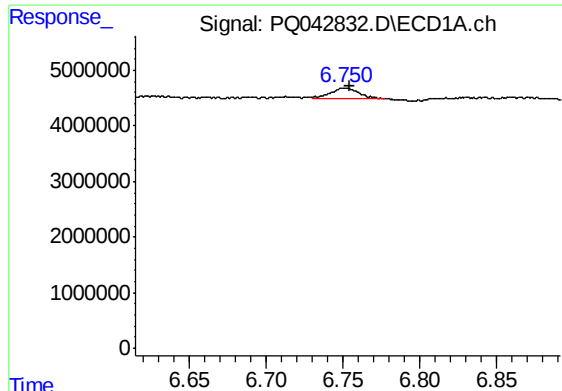
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.112 min
Response: 0
Conc: N.D.



#11 AR-1232-1

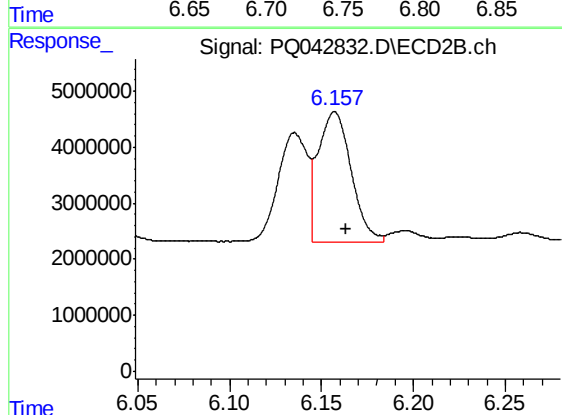
R.T.: 5.210 min
Delta R.T.: -0.008 min
Response: 620930
Conc: 9.22 ng/ml



#12 AR-1232-2

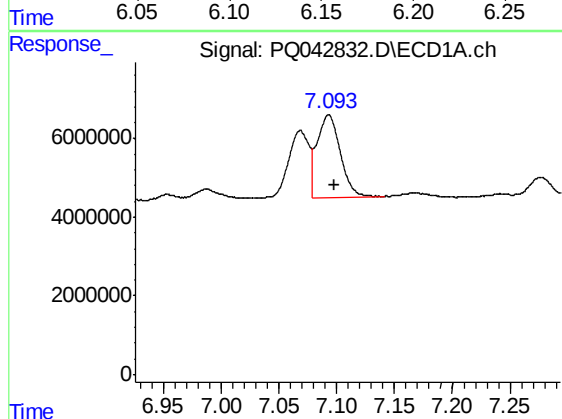
R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 2428464
Conc: 65.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



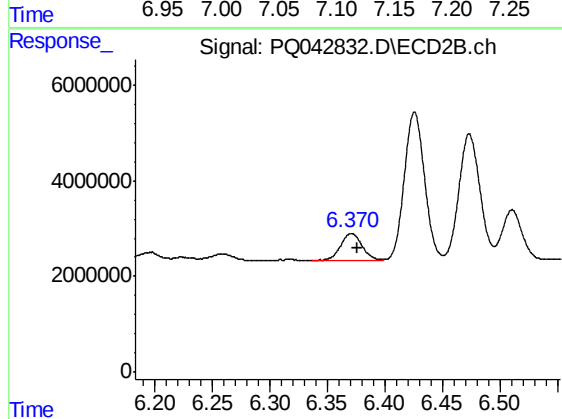
#12 AR-1232-2

R.T.: 6.157 min
Delta R.T.: -0.006 min
Response: 28888879
Conc: 378.18 ng/ml



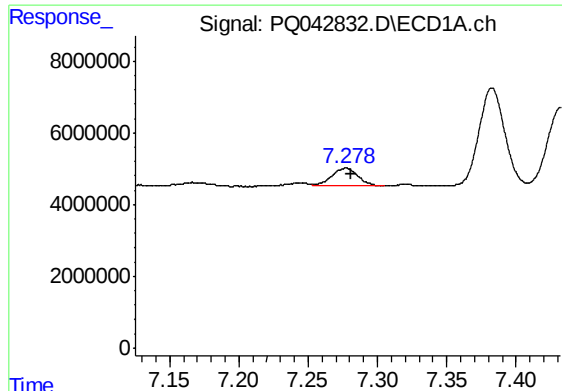
#13 AR-1232-3

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 29312407
Conc: 350.64 ng/ml



#13 AR-1232-3

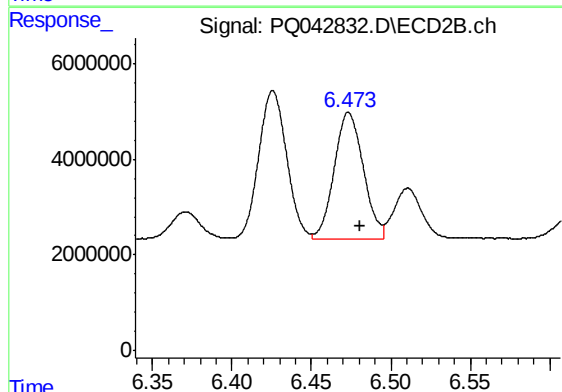
R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 7694387
Conc: 189.63 ng/ml



#14 AR-1232-4

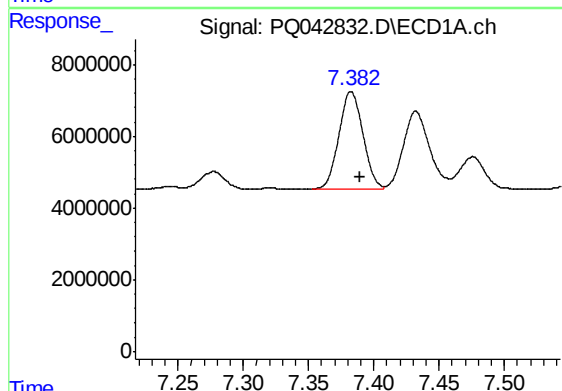
R.T.: 7.278 min
Delta R.T.: -0.004 min
Response: 6536721
Conc: 160.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



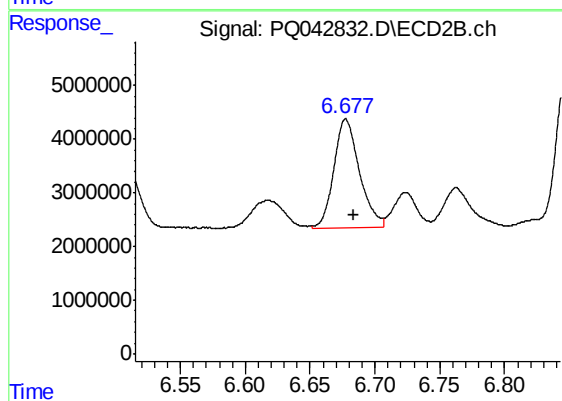
#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 33865038
Conc: 851.26 ng/ml



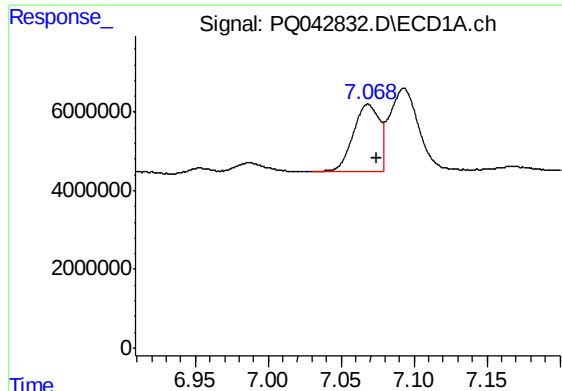
#15 AR-1232-5

R.T.: 7.383 min
Delta R.T.: -0.007 min
Response: 35042826
Conc: 1432.72 ng/ml



#15 AR-1232-5

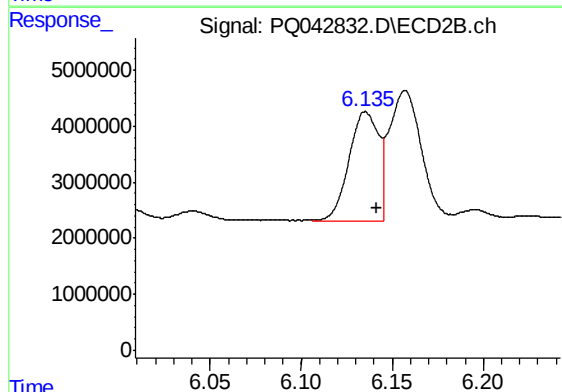
R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 27966471
Conc: 705.24 ng/ml



#16 AR-1242-1

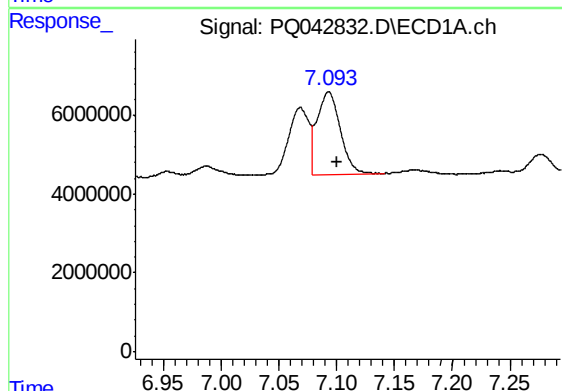
R.T.: 7.069 min
Delta R.T.: -0.006 min
Response: 20974080
Conc: 200.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



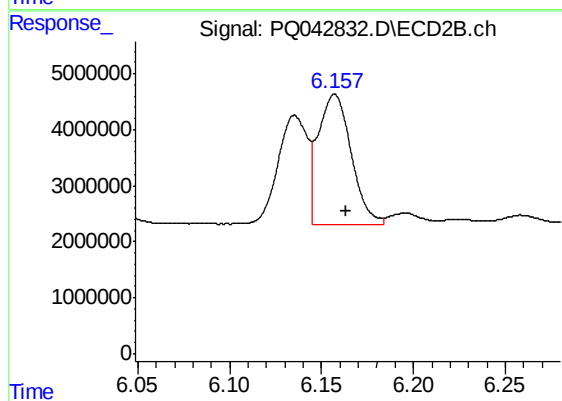
#16 AR-1242-1

R.T.: 6.135 min
Delta R.T.: -0.006 min
Response: 21892833
Conc: 211.93 ng/ml



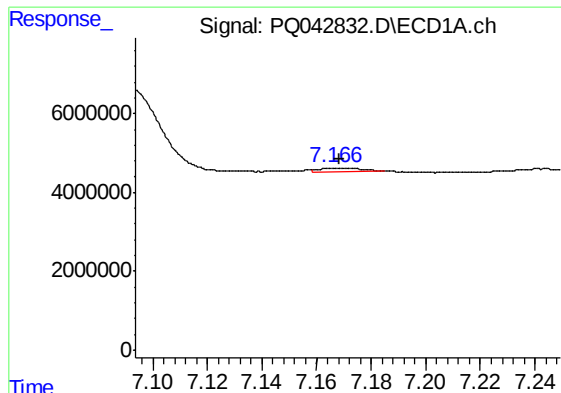
#17 AR-1242-2

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 29312407
Conc: 192.43 ng/ml



#17 AR-1242-2

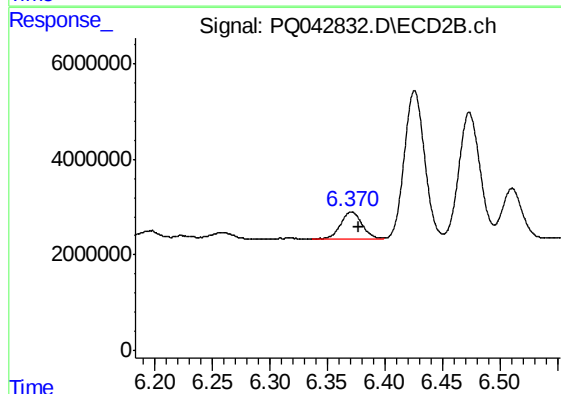
R.T.: 6.157 min
Delta R.T.: -0.006 min
Response: 28888879
Conc: 203.86 ng/ml



#18 AR-1242-3

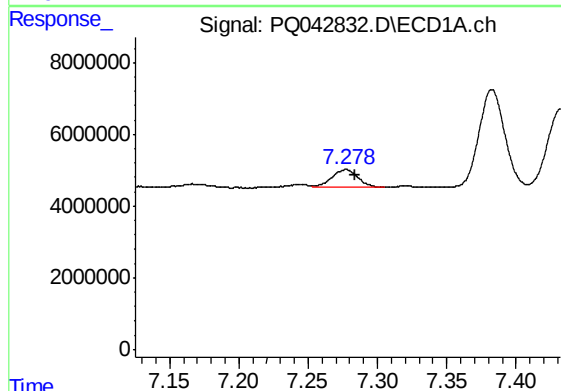
R.T.: 7.166 min
Delta R.T.: -0.002 min
Response: 881344
Conc: 8.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



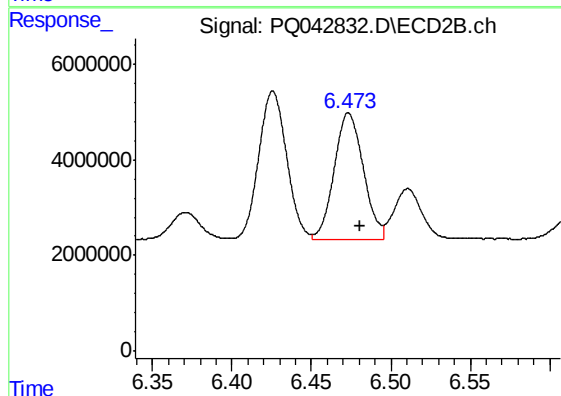
#18 AR-1242-3

R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 7694387
Conc: 101.67 ng/ml



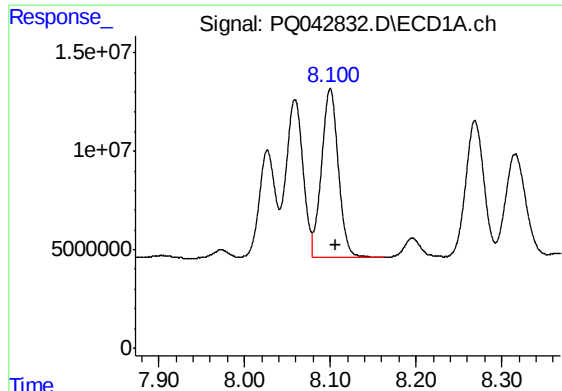
#19 AR-1242-4

R.T.: 7.278 min
Delta R.T.: -0.006 min
Response: 6536721
Conc: 84.99 ng/ml



#19 AR-1242-4

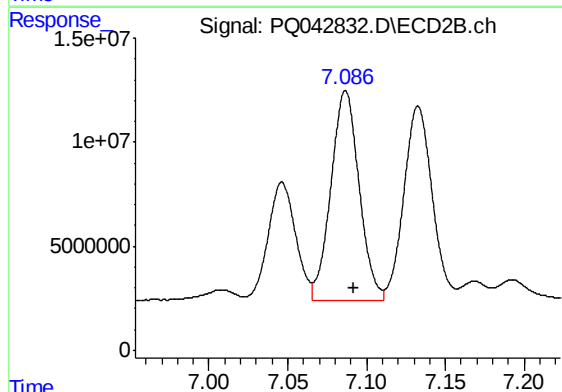
R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 33865038
Conc: 442.25 ng/ml



#20 AR-1242-5

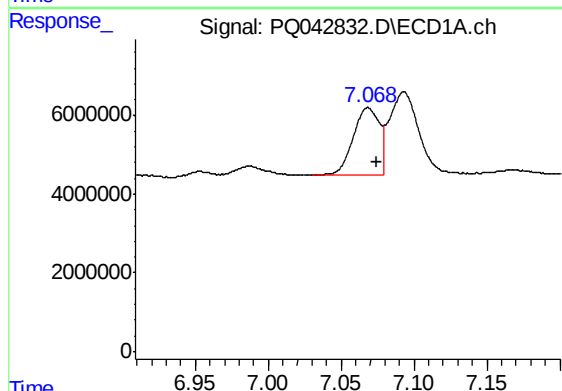
R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 117397329
Conc: 1244.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



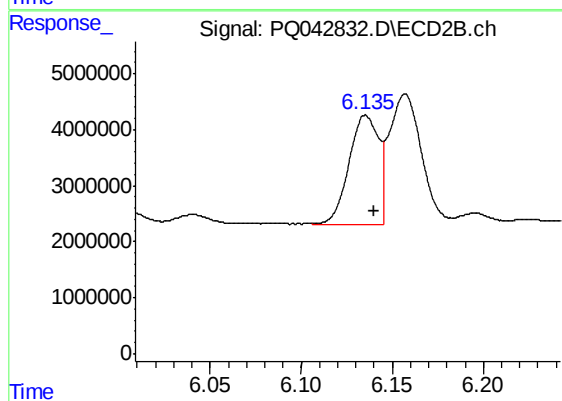
#20 AR-1242-5

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 125928706
Conc: 1123.40 ng/ml



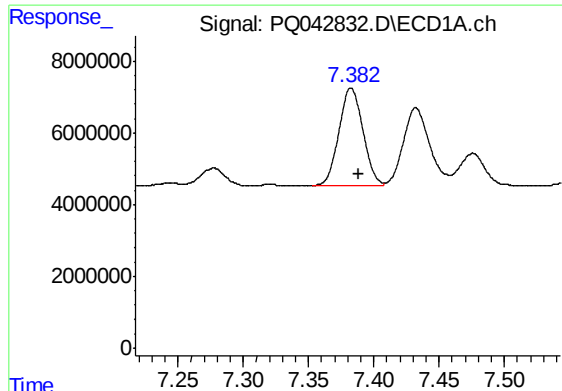
#21 AR-1248-1

R.T.: 7.069 min
Delta R.T.: -0.006 min
Response: 20974080
Conc: 251.56 ng/ml



#21 AR-1248-1

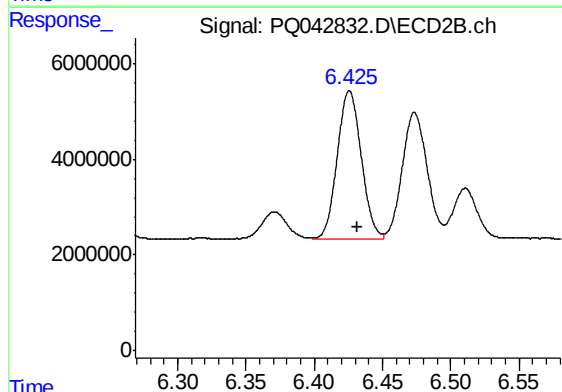
R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 21892833
Conc: 266.33 ng/ml



#22 AR-1248-2

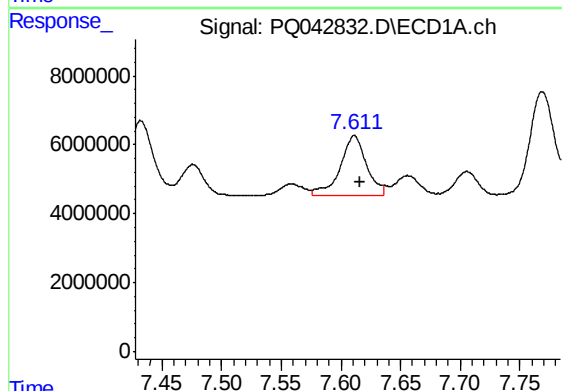
R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 35042826
Conc: 343.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



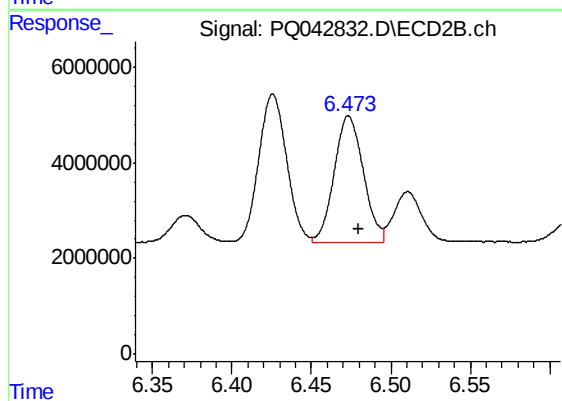
#22 AR-1248-2

R.T.: 6.426 min
Delta R.T.: -0.006 min
Response: 38198264
Conc: 346.74 ng/ml



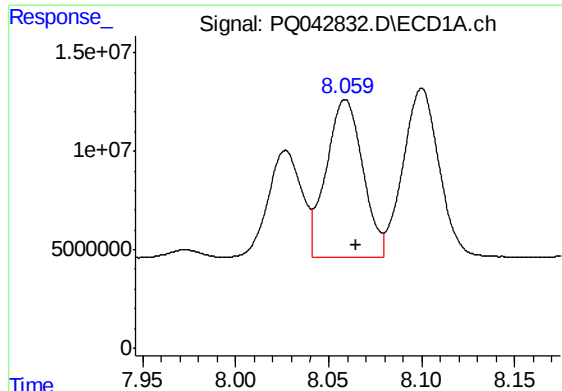
#23 AR-1248-3

R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 26438993
Conc: 208.35 ng/ml



#23 AR-1248-3

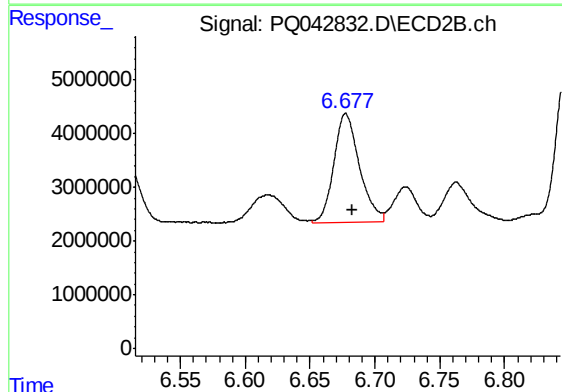
R.T.: 6.473 min
Delta R.T.: -0.006 min
Response: 33865038
Conc: 300.50 ng/ml



#24 AR-1248-4

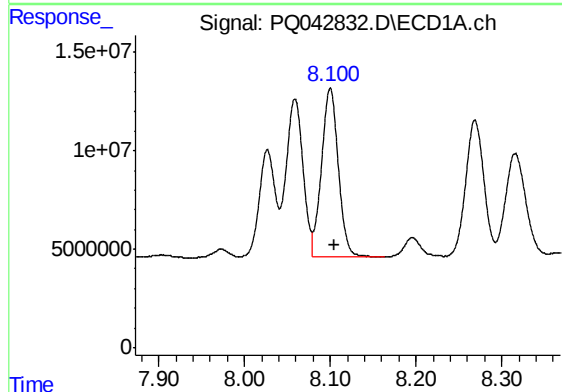
R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 110114425
Conc: 664.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



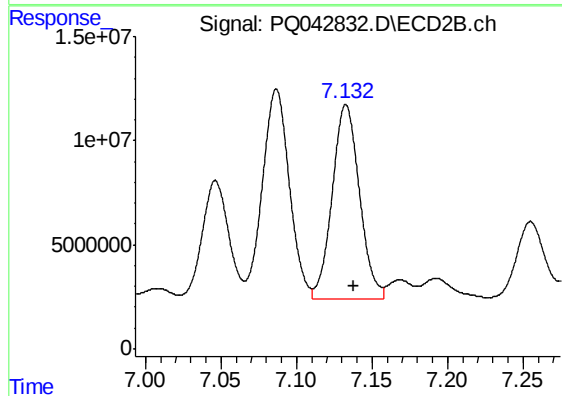
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 27966471
Conc: 204.71 ng/ml



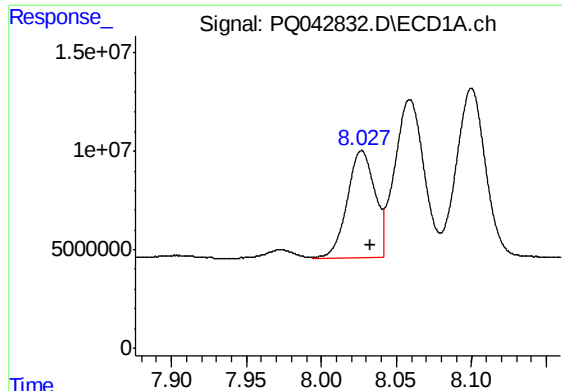
#25 AR-1248-5

R.T.: 8.100 min
Delta R.T.: -0.005 min
Response: 117397329
Conc: 737.38 ng/ml



#25 AR-1248-5

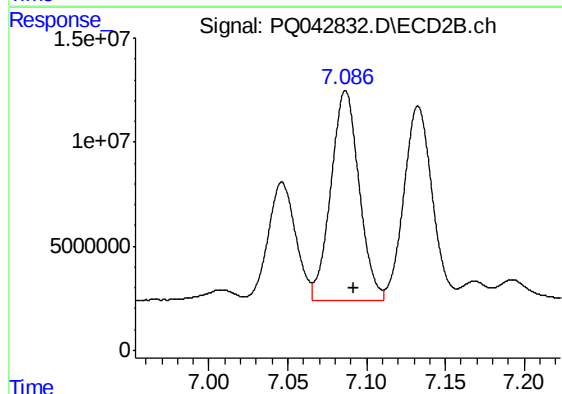
R.T.: 7.133 min
Delta R.T.: -0.005 min
Response: 117512106
Conc: 746.47 ng/ml



#26 AR-1254-1

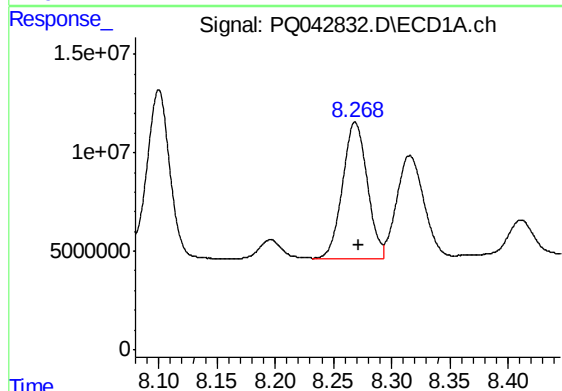
R.T.: 8.027 min
Delta R.T.: -0.006 min
Response: 69525540
Conc: 473.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



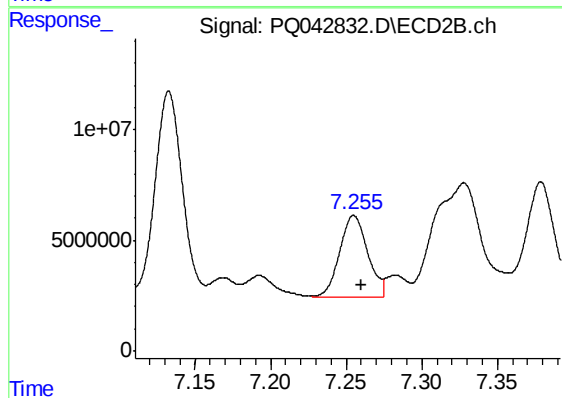
#26 AR-1254-1

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 125928706
Conc: 558.08 ng/ml



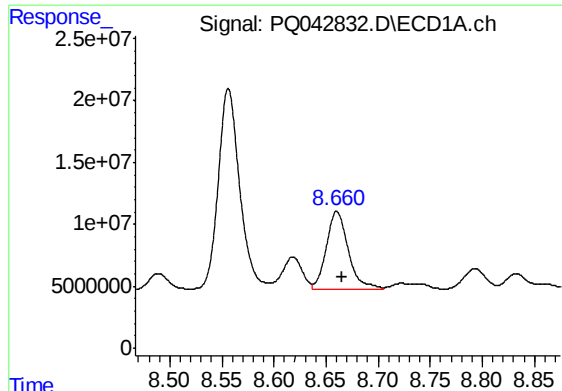
#27 AR-1254-2

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 102119759
Conc: 425.72 ng/ml



#27 AR-1254-2

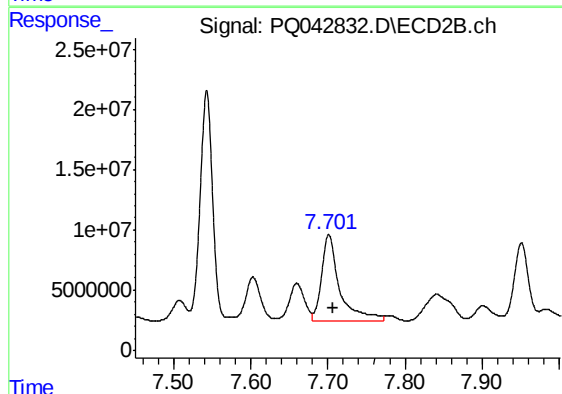
R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 48175123
Conc: 238.25 ng/ml



#28 AR-1254-3

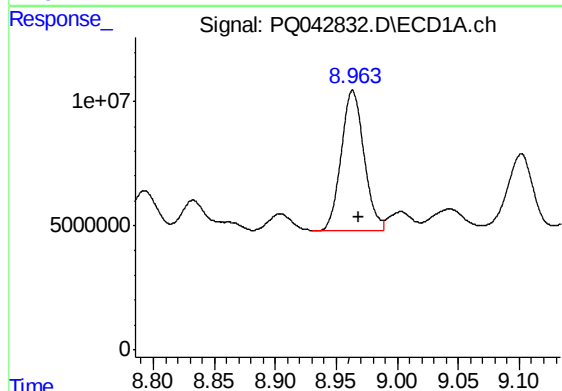
R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 93112905
Conc: 326.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



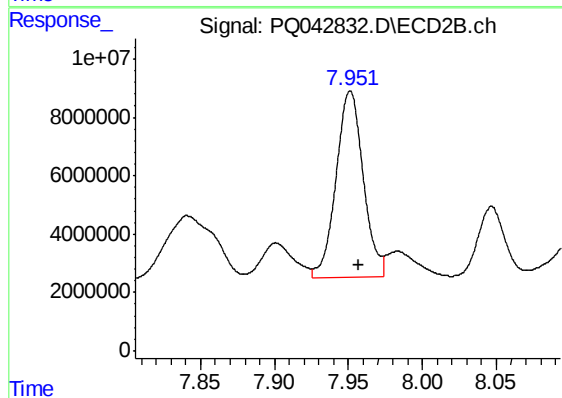
#28 AR-1254-3

R.T.: 7.701 min
Delta R.T.: -0.006 min
Response: 116419555
Conc: 330.60 ng/ml



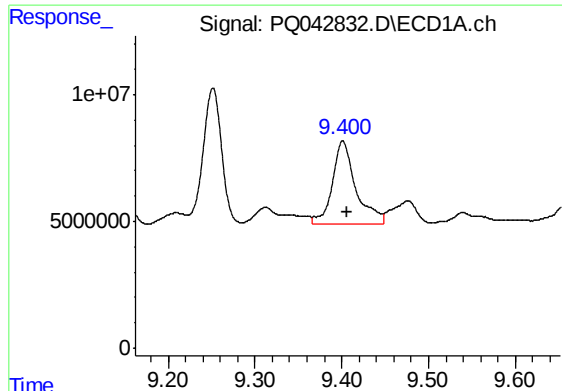
#29 AR-1254-4

R.T.: 8.963 min
Delta R.T.: -0.005 min
Response: 73421177
Conc: 307.93 ng/ml



#29 AR-1254-4

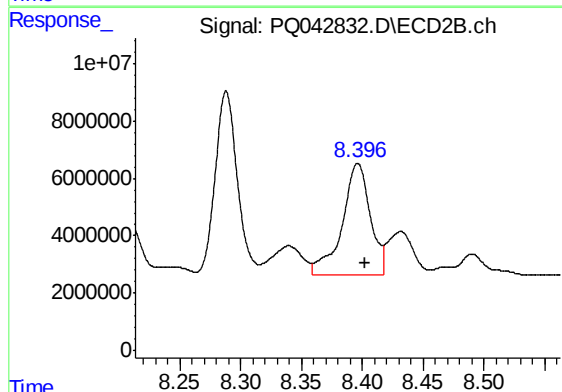
R.T.: 7.951 min
Delta R.T.: -0.005 min
Response: 81633299
Conc: 318.12 ng/ml



#30 AR-1254-5

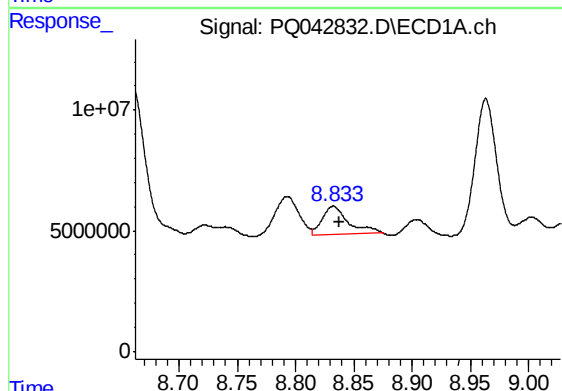
R.T.: 9.401 min
Delta R.T.: -0.005 min
Response: 62515195
Conc: 242.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



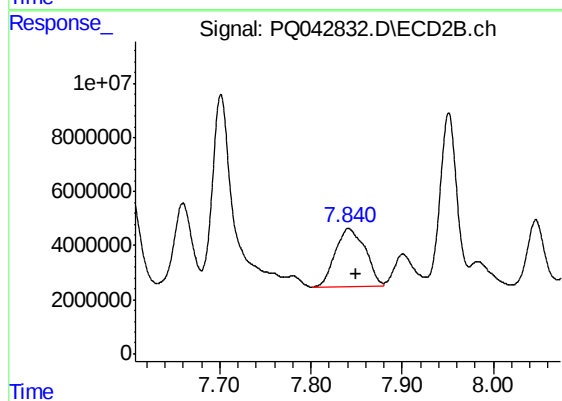
#30 AR-1254-5

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 63179892
Conc: 173.87 ng/ml



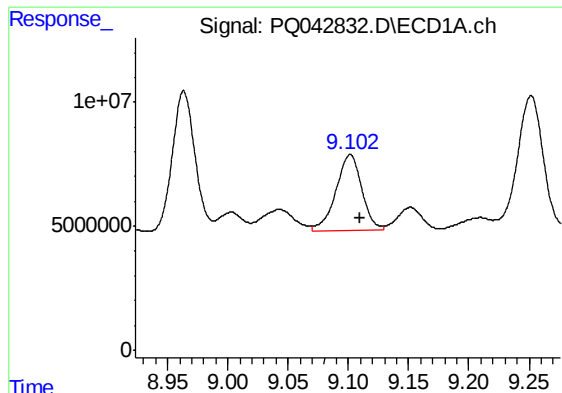
#31 AR-1260-1

R.T.: 8.833 min
Delta R.T.: -0.006 min
Response: 18366796
Conc: 104.18 ng/ml



#31 AR-1260-1

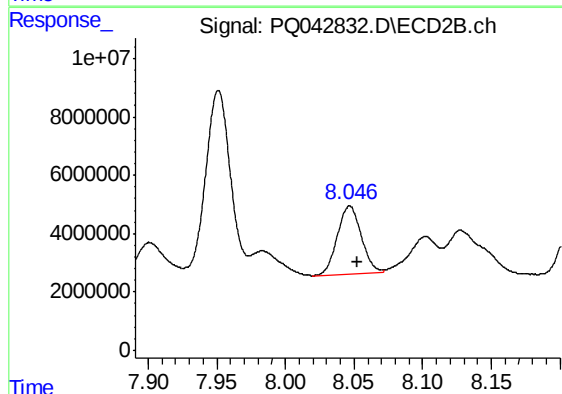
R.T.: 7.841 min
Delta R.T.: -0.009 min
Response: 49496094
Conc: 242.59 ng/ml



#32 AR-1260-2

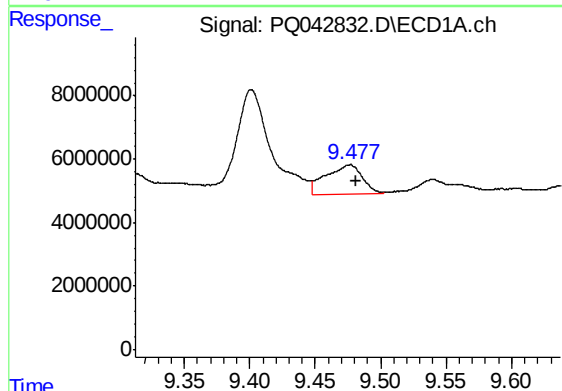
R.T.: 9.102 min
Delta R.T.: -0.008 min
Response: 45705808
Conc: 190.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



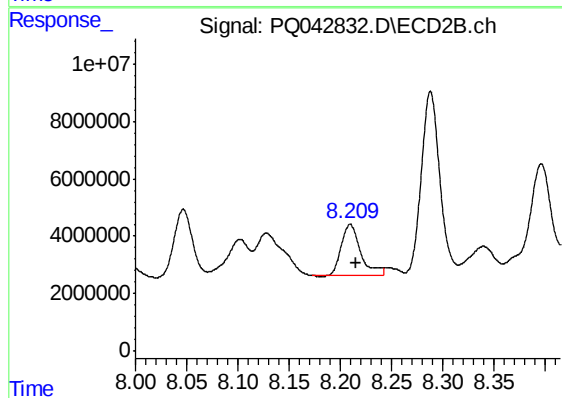
#32 AR-1260-2

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 28427154
Conc: 106.12 ng/ml



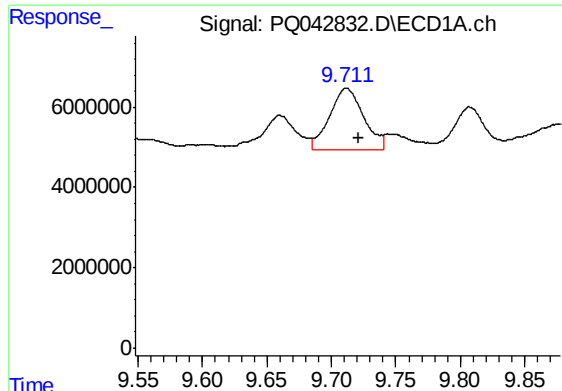
#33 AR-1260-3

R.T.: 9.476 min
Delta R.T.: -0.005 min
Response: 17905531
Conc: 82.82 ng/ml



#33 AR-1260-3

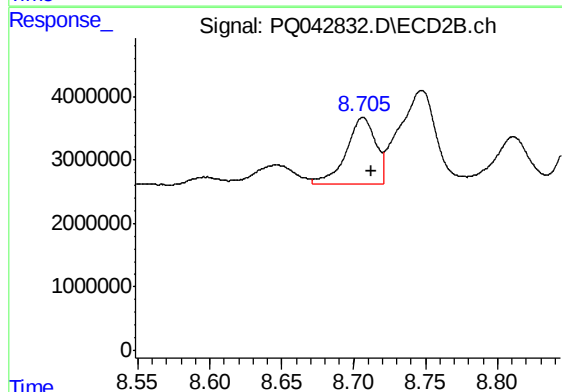
R.T.: 8.210 min
Delta R.T.: -0.006 min
Response: 23779947
Conc: 99.76 ng/ml



#34 AR-1260-4

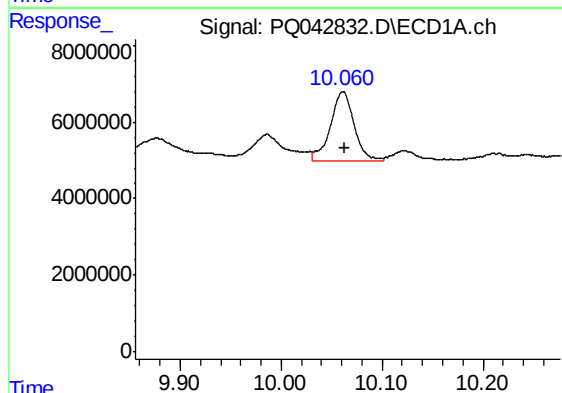
R.T.: 9.712 min
Delta R.T.: -0.010 min
Response: 28437137
Conc: 117.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



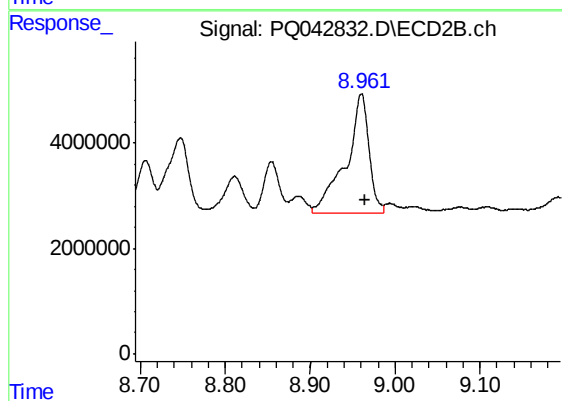
#34 AR-1260-4

R.T.: 8.706 min
Delta R.T.: -0.006 min
Response: 14760180
Conc: 65.11 ng/ml



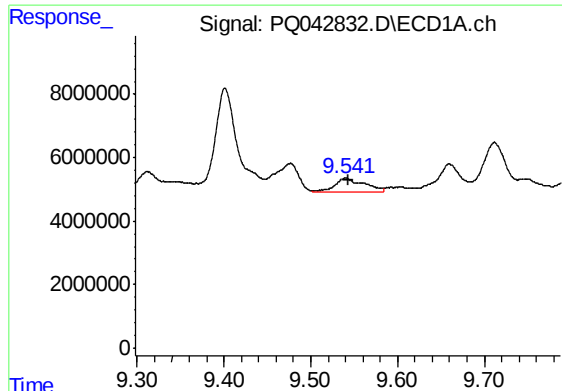
#35 AR-1260-5

R.T.: 10.061 min
Delta R.T.: -0.002 min
Response: 29188280
Conc: 49.17 ng/ml



#35 AR-1260-5

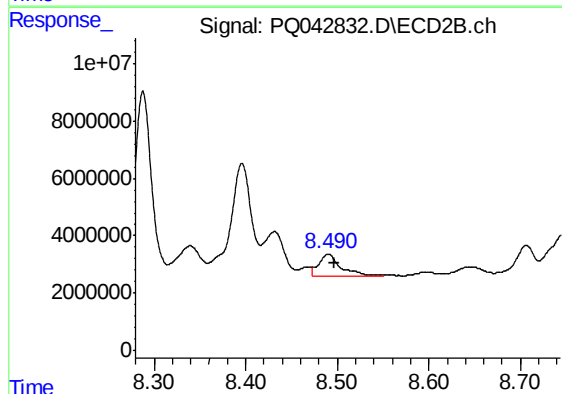
R.T.: 8.960 min
Delta R.T.: -0.004 min
Response: 42650304
Conc: 68.48 ng/ml



#36 AR-1262-1

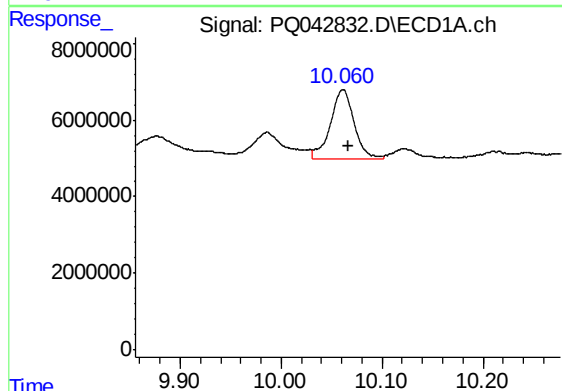
R.T.: 9.540 min
Delta R.T.: -0.004 min
Response: 10914001
Conc: 75.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



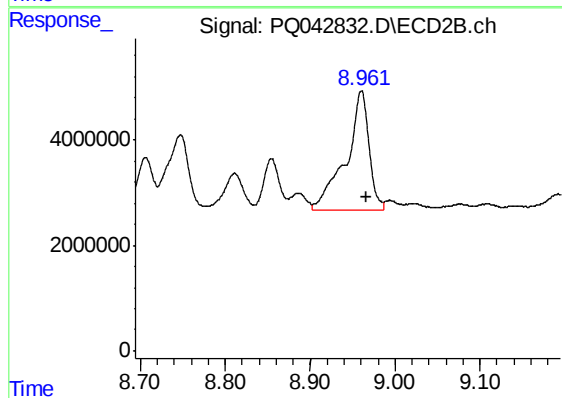
#36 AR-1262-1

R.T.: 8.490 min
Delta R.T.: -0.006 min
Response: 12042954
Conc: 70.35 ng/ml



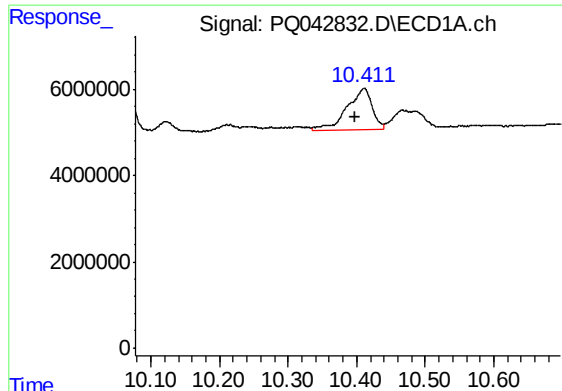
#37 AR-1262-2

R.T.: 10.061 min
Delta R.T.: -0.005 min
Response: 29188280
Conc: 38.79 ng/ml



#37 AR-1262-2

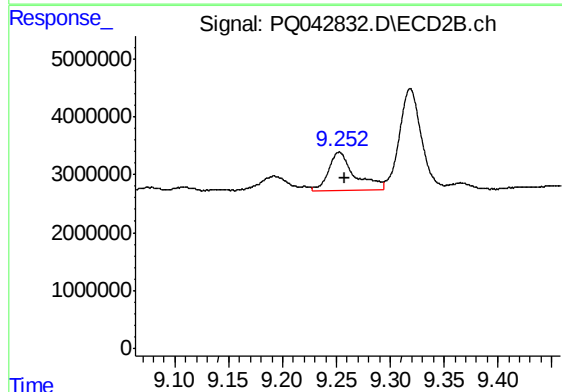
R.T.: 8.960 min
Delta R.T.: -0.006 min
Response: 42650304
Conc: 51.05 ng/ml



#38 AR-1262-3

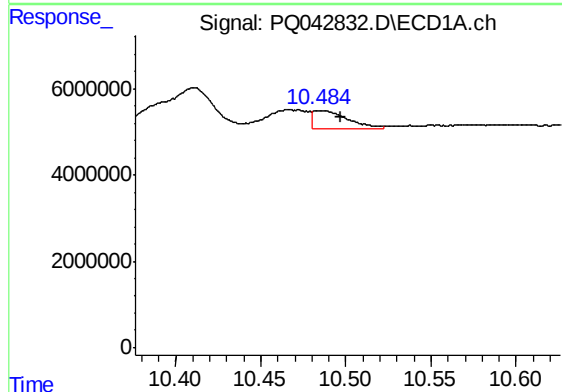
R.T.: 10.411 min
Delta R.T.: 0.013 min
Response: 25010301
Conc: 46.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



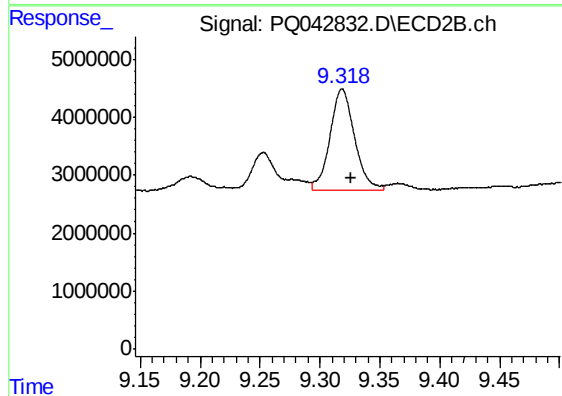
#38 AR-1262-3

R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 11436455
Conc: 32.18 ng/ml



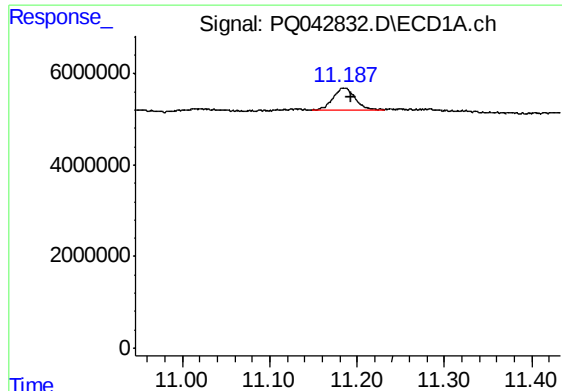
#39 AR-1262-4

R.T.: 10.485 min
Delta R.T.: -0.012 min
Response: 5999412
Conc: 13.80 ng/ml



#39 AR-1262-4

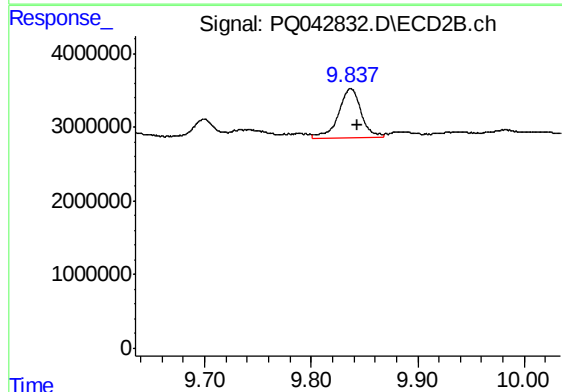
R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 25148230
Conc: 39.00 ng/ml



#40 AR-1262-5

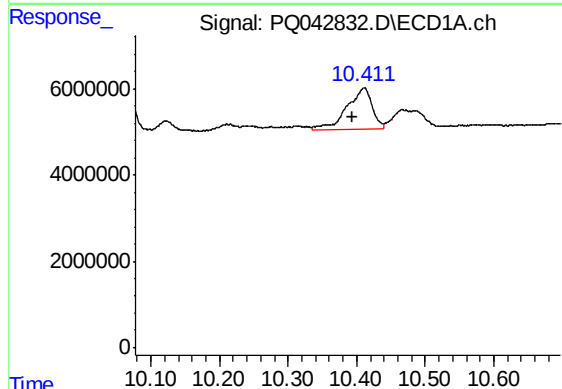
R.T.: 11.185 min
Delta R.T.: -0.008 min
Response: 8568454
Conc: 24.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



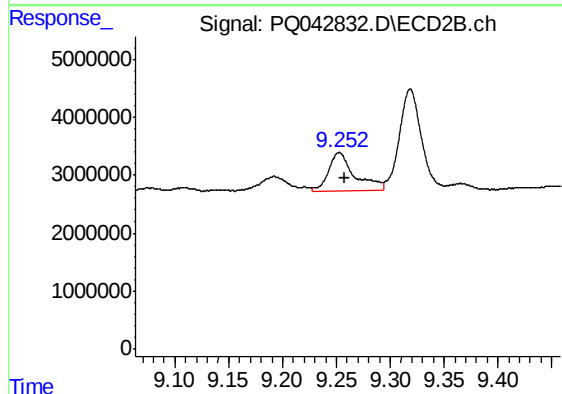
#40 AR-1262-5

R.T.: 9.837 min
Delta R.T.: -0.007 min
Response: 10083755
Conc: 31.88 ng/ml



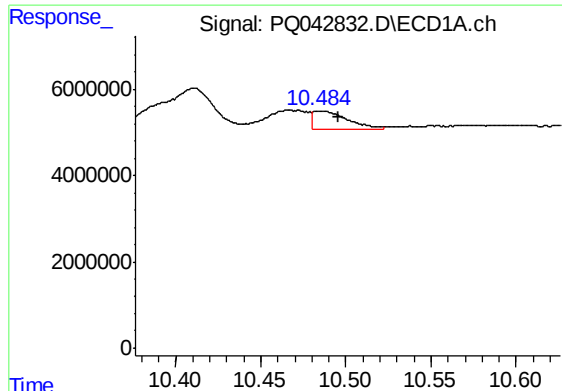
#41 AR-1268-1

R.T.: 10.411 min
Delta R.T.: 0.017 min
Response: 25010301
Conc: 26.16 ng/ml



#41 AR-1268-1

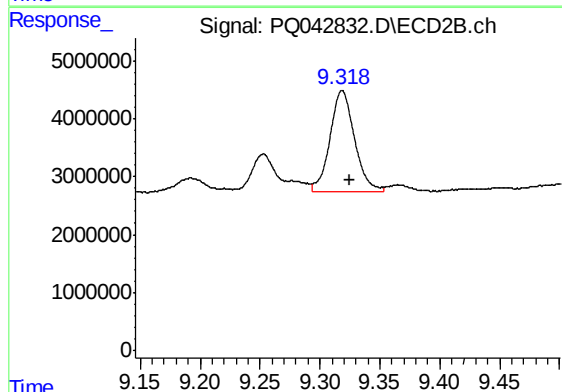
R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 11436455
Conc: 11.39 ng/ml



#42 AR-1268-2

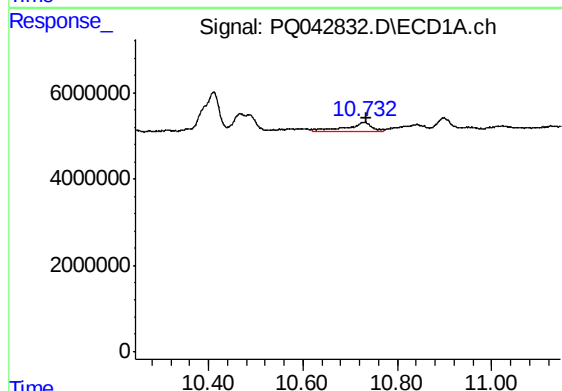
R.T.: 10.485 min
Delta R.T.: -0.010 min
Response: 5999412
Conc: 6.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



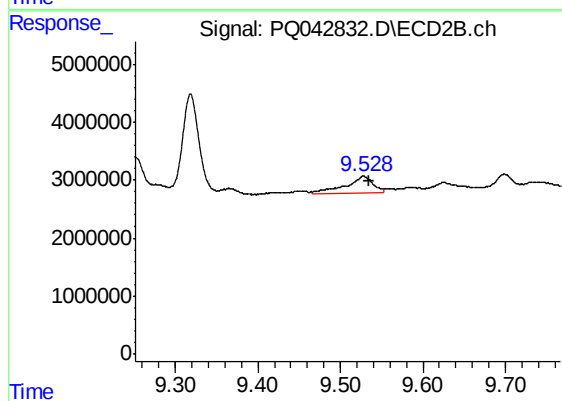
#42 AR-1268-2

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 25148230
Conc: 26.78 ng/ml



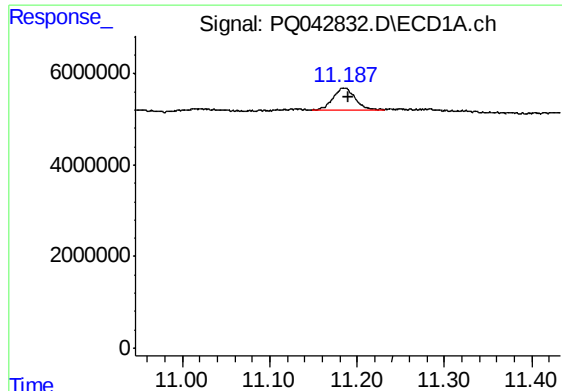
#43 AR-1268-3

R.T.: 10.731 min
Delta R.T.: -0.003 min
Response: 8256821
Conc: 10.19 ng/ml



#43 AR-1268-3

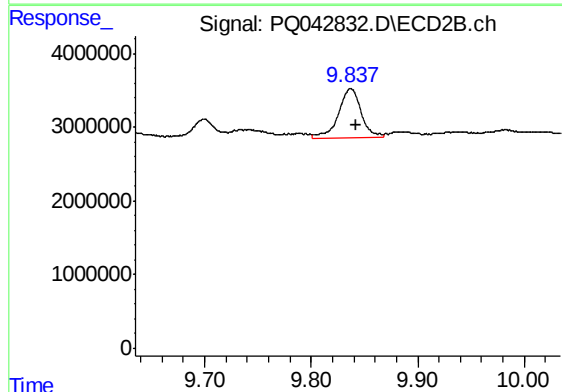
R.T.: 9.528 min
Delta R.T.: -0.007 min
Response: 6674890
Conc: 8.38 ng/ml



#44 AR-1268-4

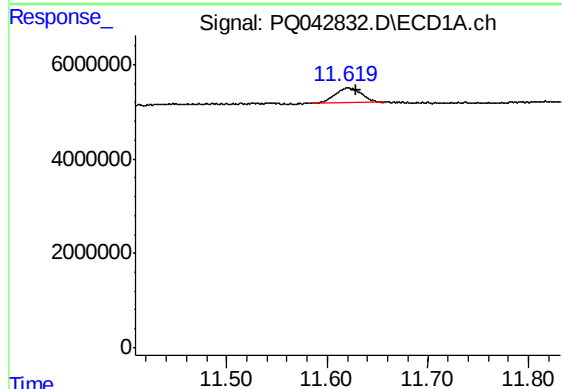
R.T.: 11.185 min
Delta R.T.: -0.006 min
Response: 8568454
Conc: 23.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA1



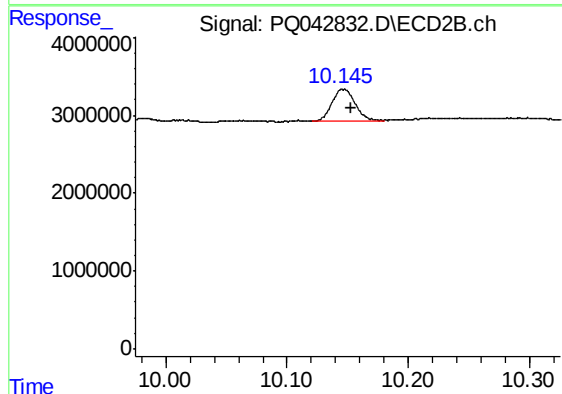
#44 AR-1268-4

R.T.: 9.837 min
Delta R.T.: -0.005 min
Response: 10083755
Conc: 29.46 ng/ml



#45 AR-1268-5

R.T.: 11.620 min
Delta R.T.: -0.008 min
Response: 5995582
Conc: 2.12 ng/ml



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.007 min
Response: 5461616
Conc: 2.13 ng/ml