

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 00:38
 Operator : SM\AJ
 Sample : K4482-21
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ59

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 05:26:05 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...	5.624	4.688	85247558	77799955	28.719	31.044
2)	SA Decachlor...	11.980	10.419	217.0E6	187.0E6	28.744	30.616
Target Compounds							
3)	L1 AR-1016-1	7.070	6.160	37427768	230.2E6	307.573	1999.329 #
4)	L1 AR-1016-2	7.096	6.160	204.1E6	230.2E6	1108.911	1434.158 #
5)	L1 AR-1016-3	7.175	6.374	13547974	91019624	108.957	1061.550 #
6)	L1 AR-1016-4	7.279	6.428	88745073	202.4E6	1004.315	2802.822 #
7)	L1 AR-1016-5	7.613	6.679	203.3E6	226.2E6	2403.617	2525.627
9)	L2 AR-1221-2	6.014	5.105	920234	883463	37.772	36.711
10)	L2 AR-1221-3	0.000	5.272	0	154221	N.D.	1.867 #
11)	L3 AR-1232-1	0.000	5.272	0	154221	N.D.	2.289 #
12)	L3 AR-1232-2	6.753	6.160	34620265	230.2E6	940.562	3013.809 #
13)	L3 AR-1232-3	7.096	6.374	204.1E6	91019624	2441.285	2243.209
14)	L3 AR-1232-4	7.279	6.476	88745073	183.0E6	2176.561	4599.950 #
15)	L3 AR-1232-5	7.384	6.679	184.2E6	226.2E6	7531.028	5704.431
16)	L4 AR-1242-1	7.070	6.160	37427768	230.2E6	358.638	2228.697 #
17)	L4 AR-1242-2	7.096	6.160	204.1E6	230.2E6	1339.787	1624.628
18)	L4 AR-1242-3	7.175	6.374	13547974	91019624	132.935	1202.645 #
19)	L4 AR-1242-4	7.279	6.476	88745073	183.0E6	1153.869	2389.783 #
20)	L4 AR-1242-5	8.102	7.088	241.1E6	204.8E6	2555.416	1827.088 #
21)	L5 AR-1248-1	7.070	6.160	37427768	230.2E6	448.901	2800.766 #
22)	L5 AR-1248-2	7.384	6.428	184.2E6	202.4E6	1803.591	1837.168
23)	L5 AR-1248-3	7.613	6.476	203.3E6	183.0E6	1601.852	1623.812
24)	L5 AR-1248-4	8.061	6.679	120.6E6	226.2E6	727.422	1655.808 #
25)	L5 AR-1248-5	8.102	7.134	241.1E6	249.6E6	1514.452	1585.324
26)	L6 AR-1254-1	8.029	7.088	171.8E6	204.8E6	1171.155	907.660
27)	L6 AR-1254-2	8.272	7.257	223.3E6	91738686	930.776	453.690 #
28)	L6 AR-1254-3	8.662	7.704	137.7E6	173.7E6	482.892	493.135
29)	L6 AR-1254-4	8.966	7.953	85365707	100.1E6	358.027	390.140
30)	L6 AR-1254-5	9.405	8.397	51423201	77330374	199.162	212.815
31)	L7 AR-1260-1	8.835	7.858	19551256	83095890	110.902	407.277 #
32)	L7 AR-1260-2	9.104	8.049	87191127	33081851	362.753	123.497 #
33)	L7 AR-1260-3	9.480	8.211	14278603	29162328	66.042	122.345 #
34)	L7 AR-1260-4	9.715	8.709	27926464	14490480	115.006	63.916 #
35)	L7 AR-1260-5	10.064	8.961	30928212	38944294	52.098	62.533
36)	L8 AR-1262-1	9.542	8.493	6276656	9406970	43.546	54.953 #
37)	L8 AR-1262-2	10.064	8.961	30928212	38944294	41.106	46.618
38)	L8 AR-1262-3	10.414	9.255	21025396	9278508	39.094	26.105 #
39)	L8 AR-1262-4	10.490	9.320	4906138	26563155	11.285	41.195 #
40)	L8 AR-1262-5	11.189	9.839	9536299	8661767	27.802	27.381
41)	L9 AR-1268-1	10.414	9.255	21025396	9278508	21.990	9.243 #
42)	L9 AR-1268-2	10.490	9.320	4906138	26563155	5.268	28.289 #
43)	L9 AR-1268-3	10.732	9.531	2410953	5661677	2.975	7.108 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 00:38
 Operator : SM\AJ
 Sample : K4482-21
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

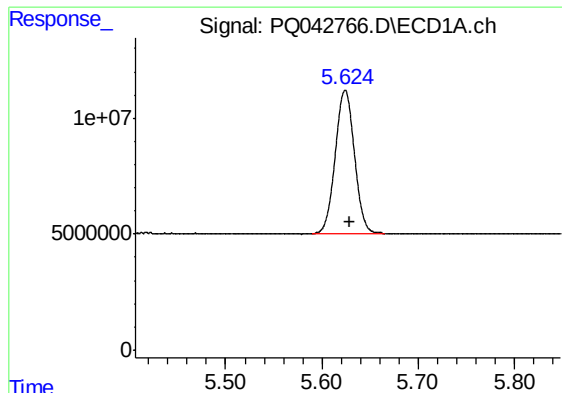
Instrument :
 ECD_Q
 ClientSampleId :
 ETQ59

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 05:26:05 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	11.189	9.839	9536299	8661767	25.701	25.309
45) L9	AR-1268-5	11.624	10.148	6666658	5118599	2.355	1.997

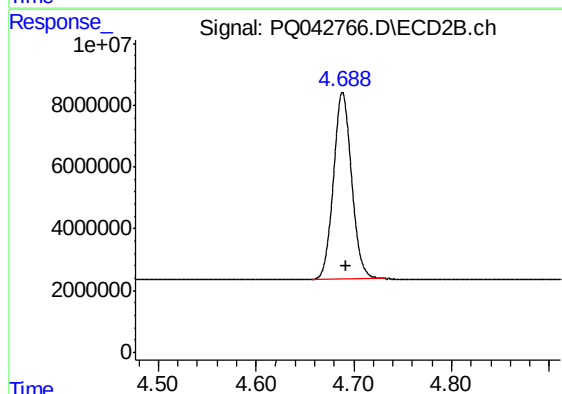
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

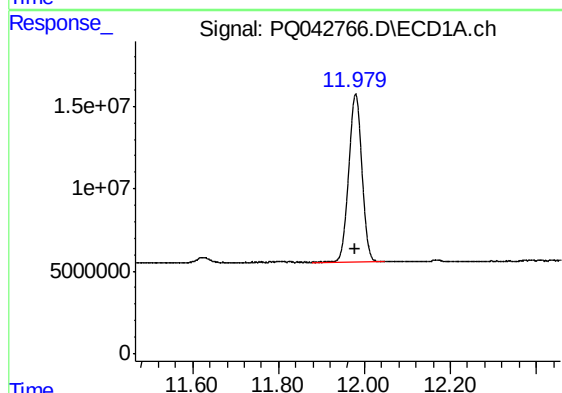
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 85247558
Conc: 28.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



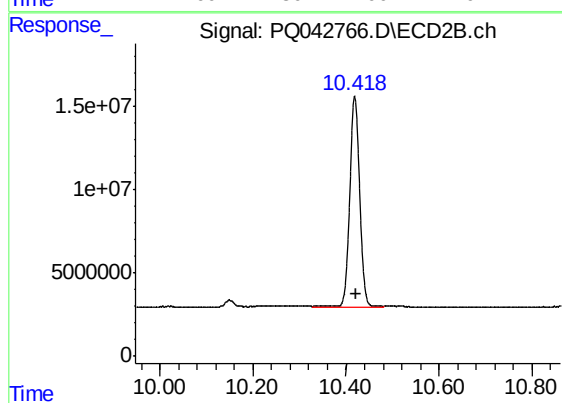
#1 Tetrachloro-m-xylene

R.T.: 4.688 min
Delta R.T.: -0.003 min
Response: 77799955
Conc: 31.04 ng/ml



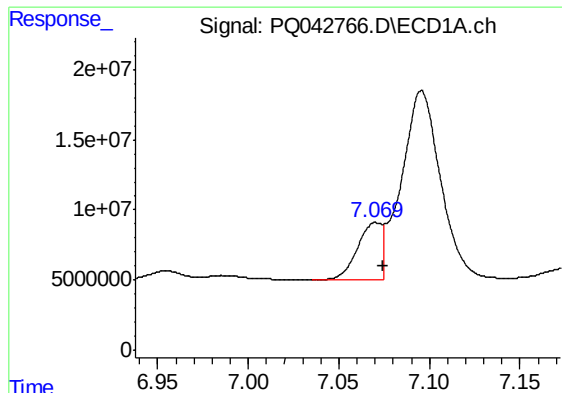
#2 Decachlorobiphenyl

R.T.: 11.980 min
Delta R.T.: 0.001 min
Response: 216977437
Conc: 28.74 ng/ml



#2 Decachlorobiphenyl

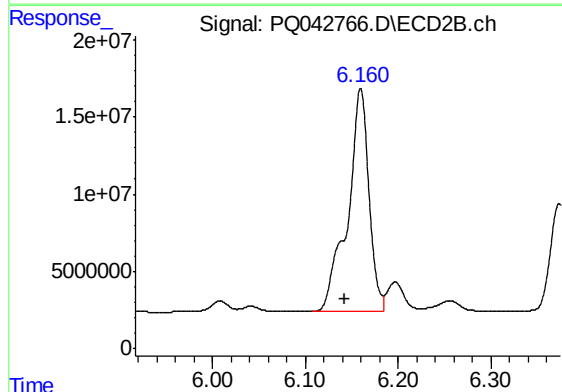
R.T.: 10.419 min
Delta R.T.: -0.003 min
Response: 186958122
Conc: 30.62 ng/ml



#3 AR-1016-1

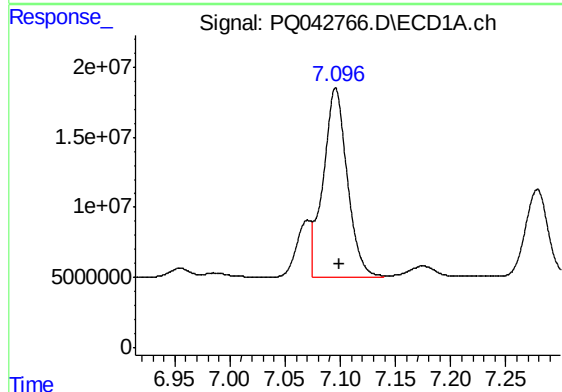
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 37427768
Conc: 307.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



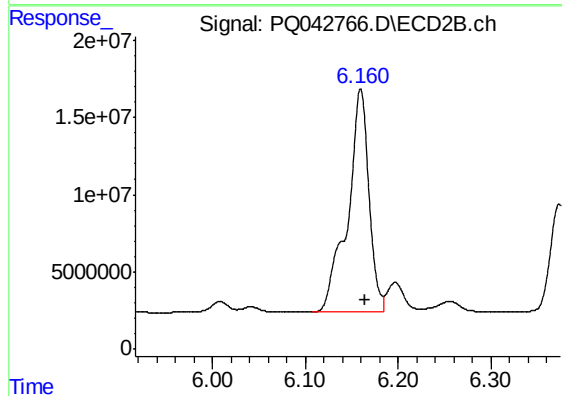
#3 AR-1016-1

R.T.: 6.160 min
Delta R.T.: 0.017 min
Response: 230224636
Conc: 1999.33 ng/ml



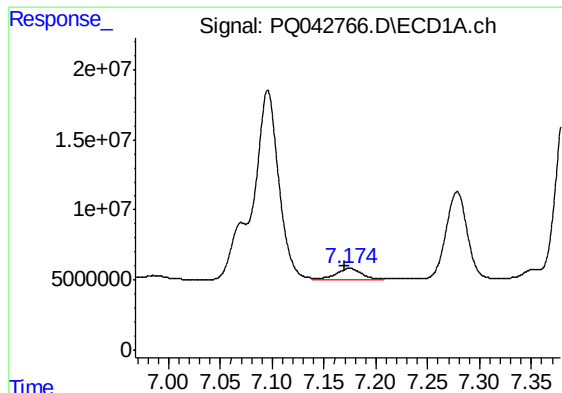
#4 AR-1016-2

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 204082396
Conc: 1108.91 ng/ml



#4 AR-1016-2

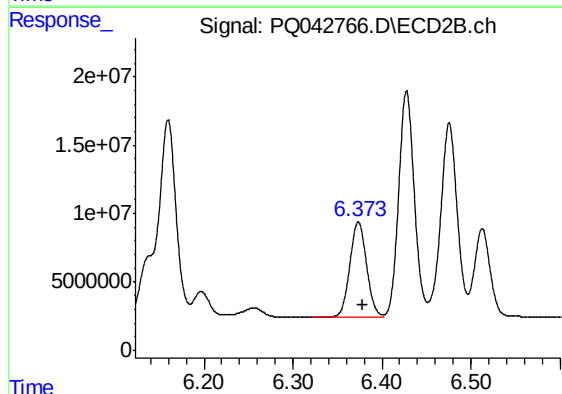
R.T.: 6.160 min
Delta R.T.: -0.005 min
Response: 230224636
Conc: 1434.16 ng/ml



#5 AR-1016-3

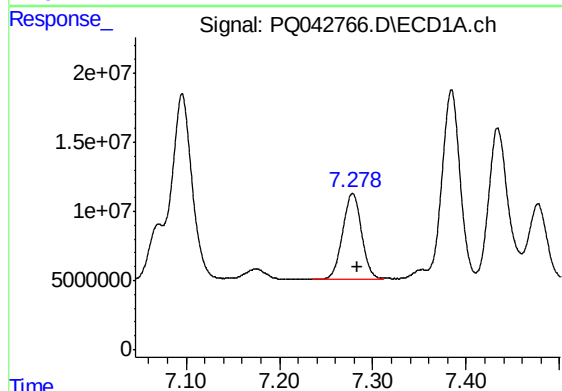
R.T.: 7.175 min
Delta R.T.: 0.005 min
Response: 13547974
Conc: 108.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



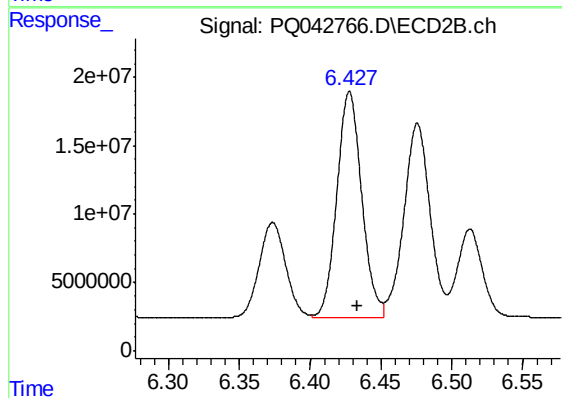
#5 AR-1016-3

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 91019624
Conc: 1061.55 ng/ml



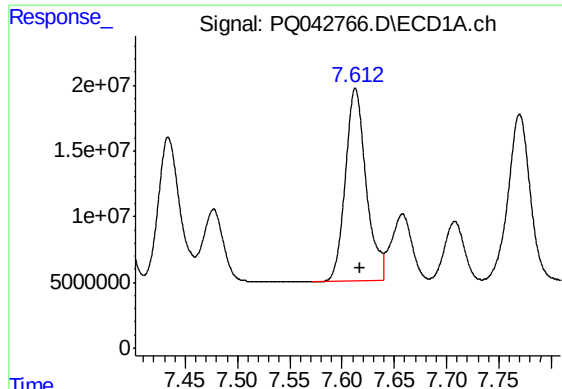
#6 AR-1016-4

R.T.: 7.279 min
Delta R.T.: -0.005 min
Response: 88745073
Conc: 1004.32 ng/ml



#6 AR-1016-4

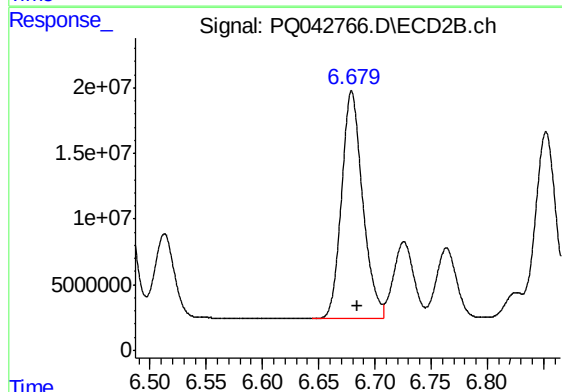
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 202389112
Conc: 2802.82 ng/ml



#7 AR-1016-5

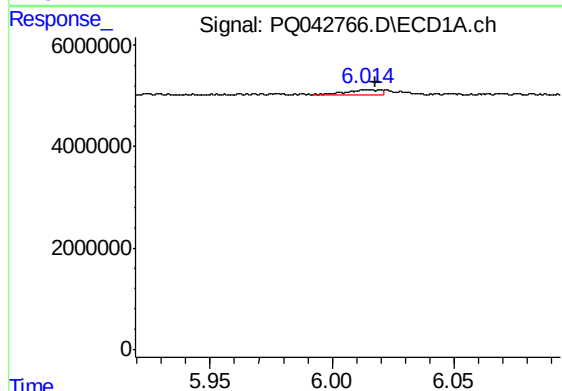
R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 203273305
Conc: 2403.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



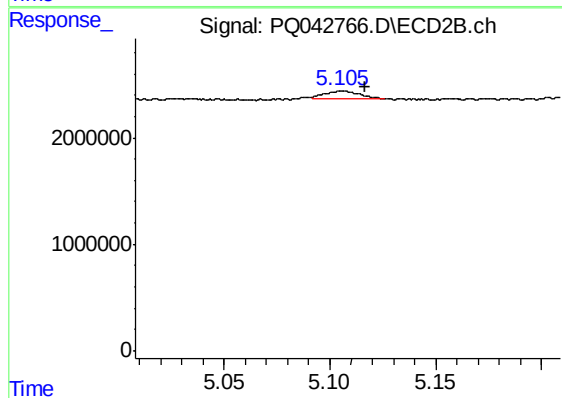
#7 AR-1016-5

R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 226210291
Conc: 2525.63 ng/ml



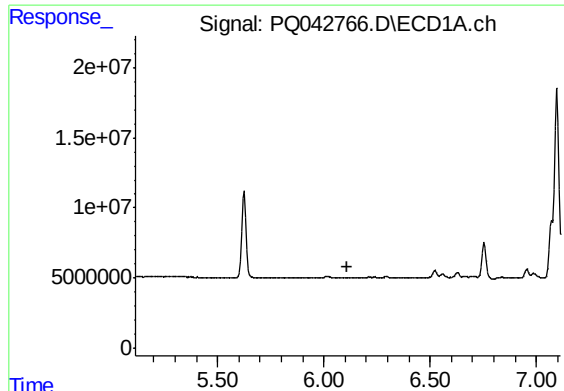
#9 AR-1221-2

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 920234
Conc: 37.77 ng/ml



#9 AR-1221-2

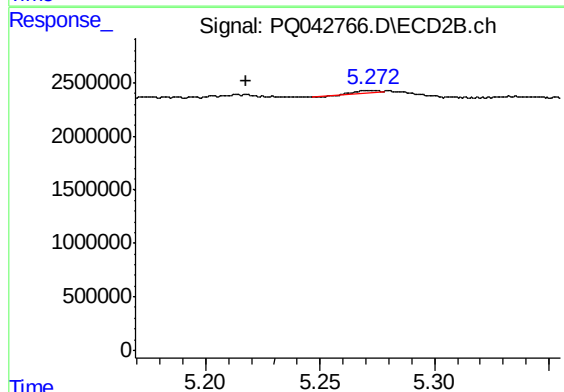
R.T.: 5.105 min
Delta R.T.: -0.012 min
Response: 883463
Conc: 36.71 ng/ml



#10 AR-1221-3

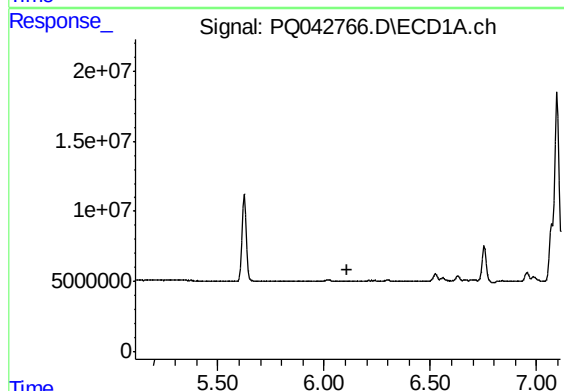
R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ59



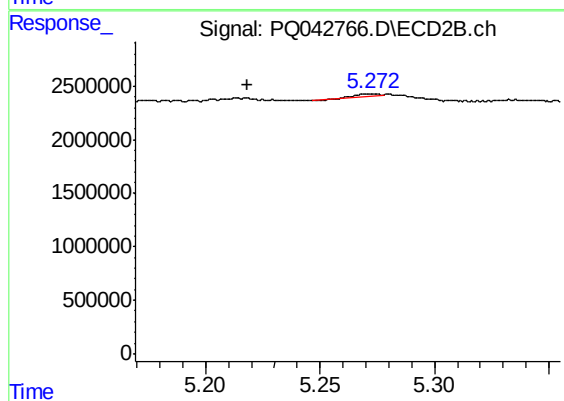
#10 AR-1221-3

R.T.: 5.272 min
Delta R.T.: 0.054 min
Response: 154221
Conc: 1.87 ng/ml



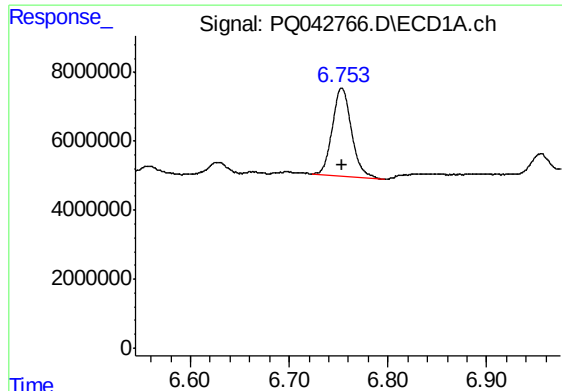
#11 AR-1232-1

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



#11 AR-1232-1

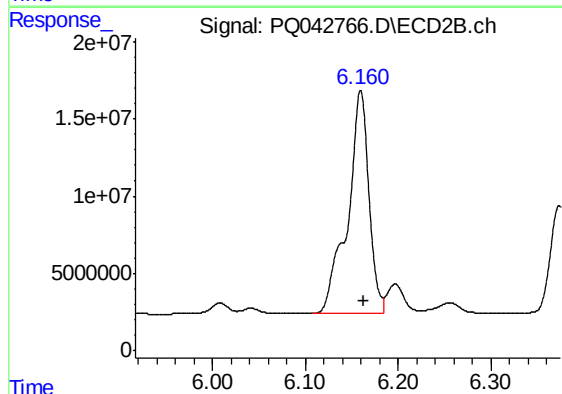
R.T.: 5.272 min
Delta R.T.: 0.054 min
Response: 154221
Conc: 2.29 ng/ml



#12 AR-1232-2

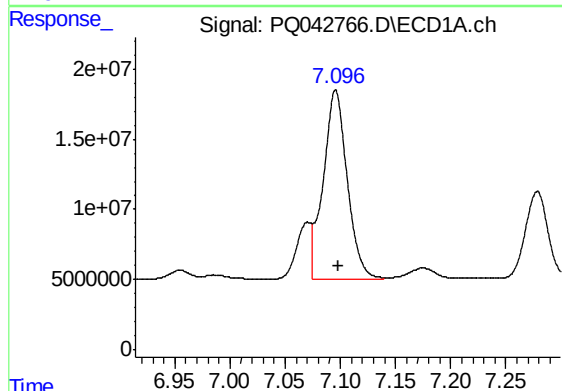
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 34620265
Conc: 940.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



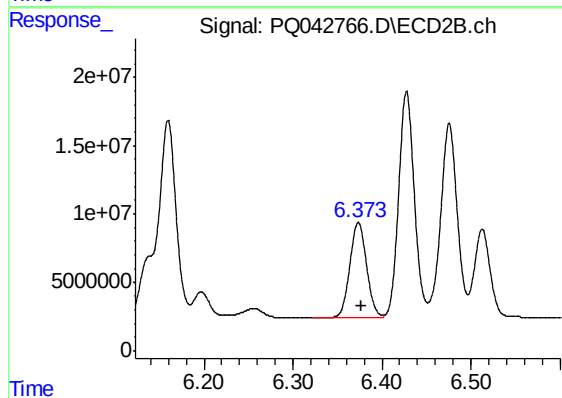
#12 AR-1232-2

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 230224636
Conc: 3013.81 ng/ml



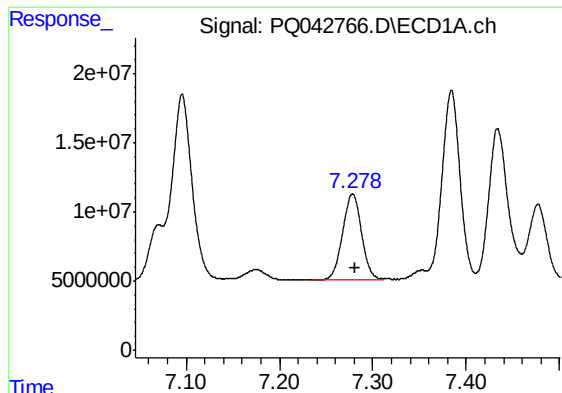
#13 AR-1232-3

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 204082396
Conc: 2441.28 ng/ml



#13 AR-1232-3

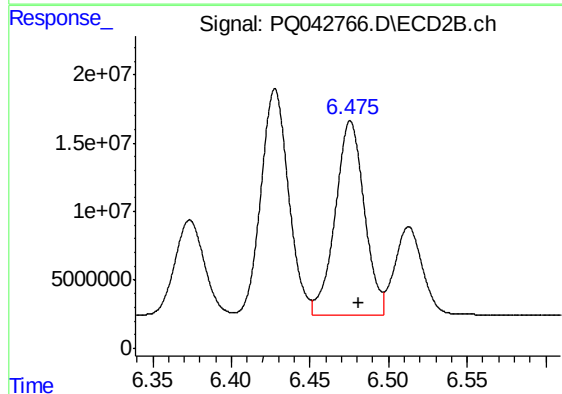
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 91019624
Conc: 2243.21 ng/ml



#14 AR-1232-4

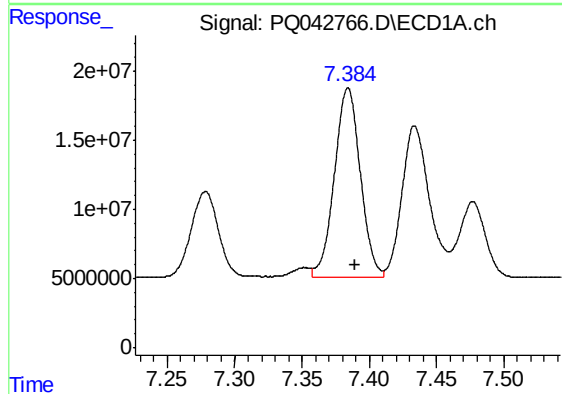
R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 88745073
Conc: 2176.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



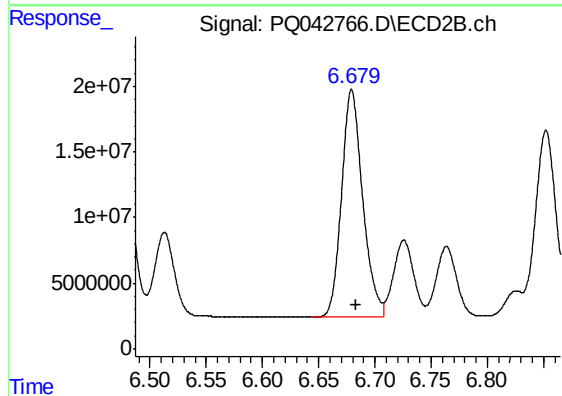
#14 AR-1232-4

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 182996978
Conc: 4599.95 ng/ml



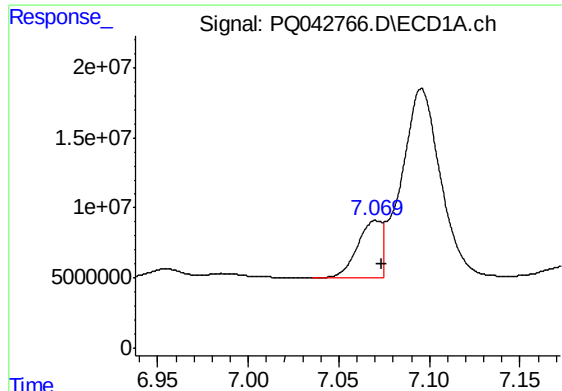
#15 AR-1232-5

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 184201502
Conc: 7531.03 ng/ml



#15 AR-1232-5

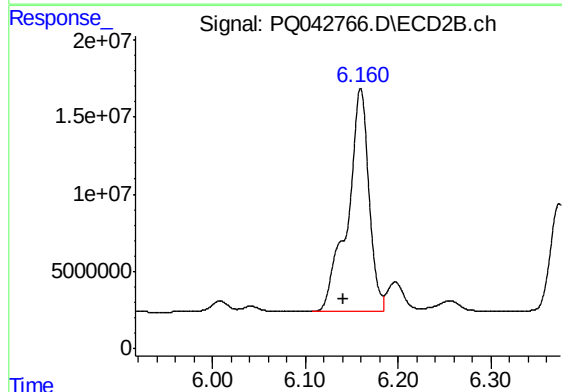
R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 226210291
Conc: 5704.43 ng/ml



#16 AR-1242-1

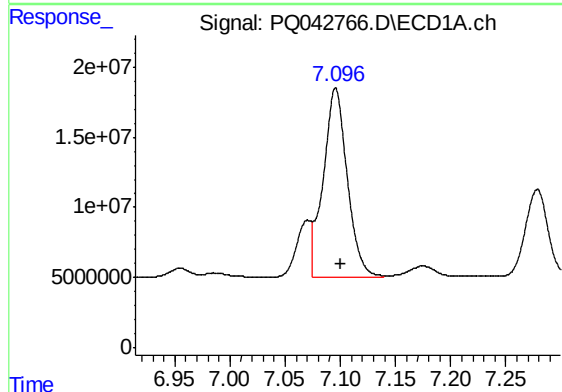
R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 37427768
Conc: 358.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



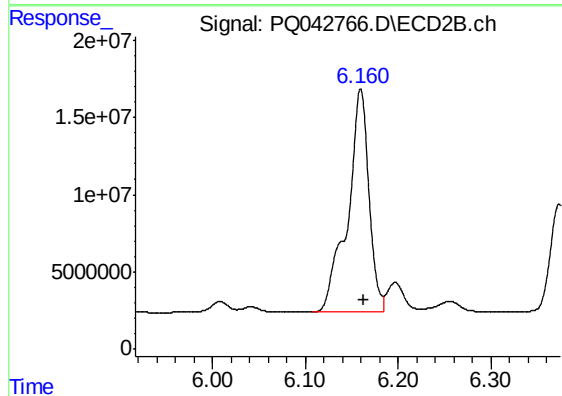
#16 AR-1242-1

R.T.: 6.160 min
Delta R.T.: 0.018 min
Response: 230224636
Conc: 2228.70 ng/ml



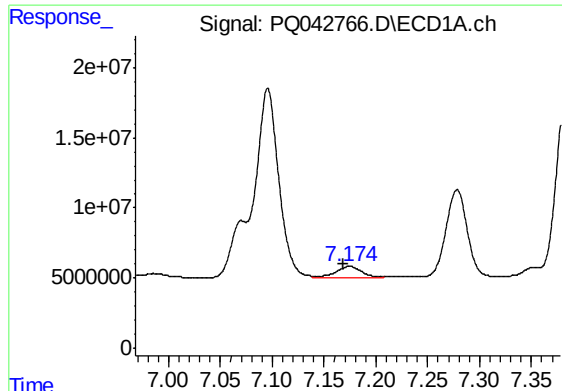
#17 AR-1242-2

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 204082396
Conc: 1339.79 ng/ml



#17 AR-1242-2

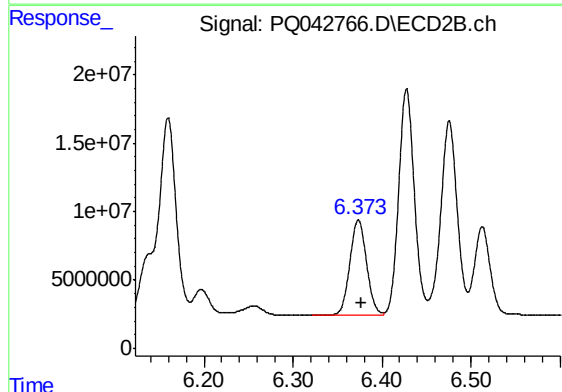
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 230224636
Conc: 1624.63 ng/ml



#18 AR-1242-3

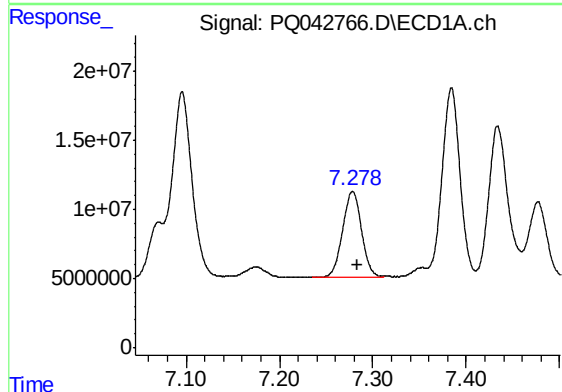
R.T.: 7.175 min
Delta R.T.: 0.006 min
Response: 13547974
Conc: 132.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



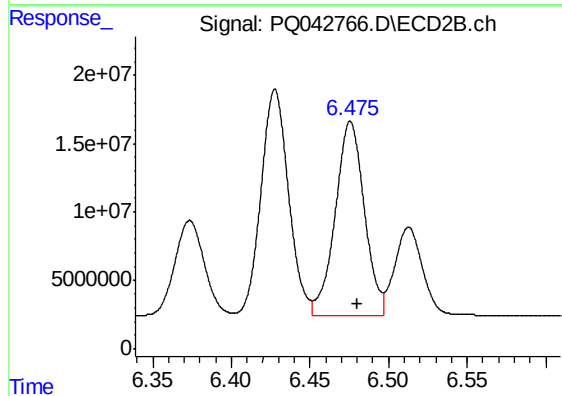
#18 AR-1242-3

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 91019624
Conc: 1202.64 ng/ml



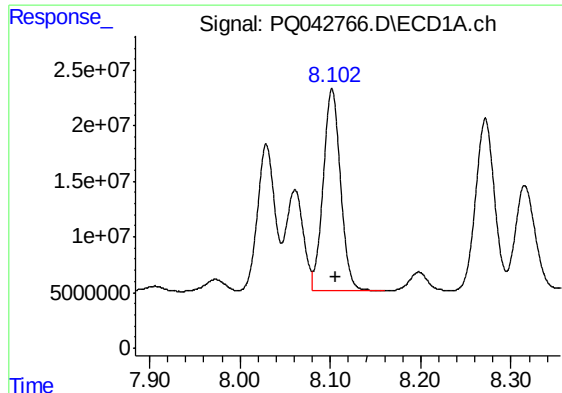
#19 AR-1242-4

R.T.: 7.279 min
Delta R.T.: -0.005 min
Response: 88745073
Conc: 1153.87 ng/ml



#19 AR-1242-4

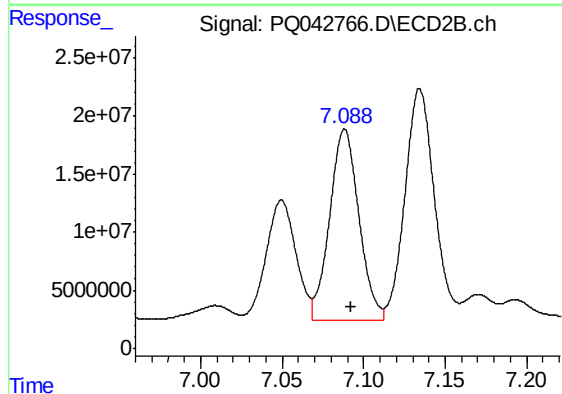
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 182996978
Conc: 2389.78 ng/ml



#20 AR-1242-5

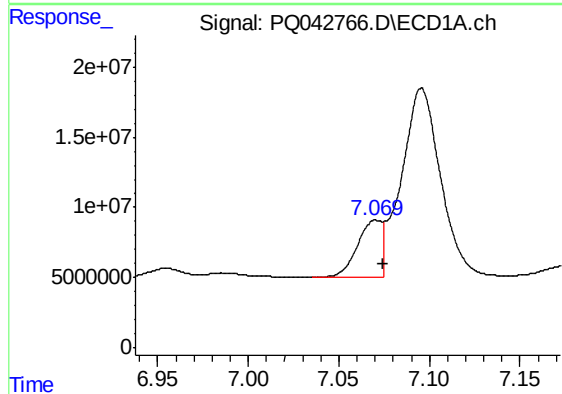
R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 241115611
Conc: 2555.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



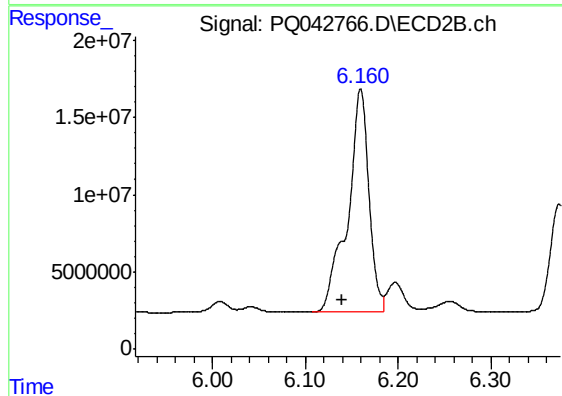
#20 AR-1242-5

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 204809250
Conc: 1827.09 ng/ml



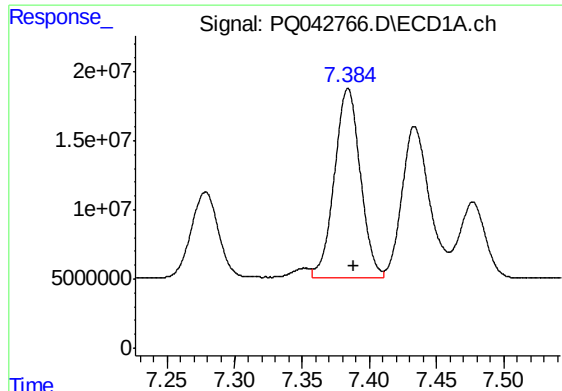
#21 AR-1248-1

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 37427768
Conc: 448.90 ng/ml



#21 AR-1248-1

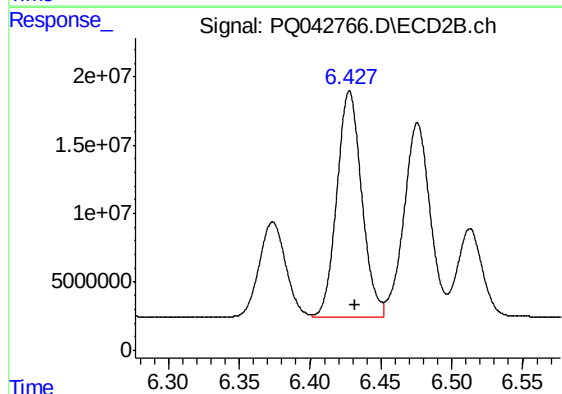
R.T.: 6.160 min
Delta R.T.: 0.020 min
Response: 230224636
Conc: 2800.77 ng/ml



#22 AR-1248-2

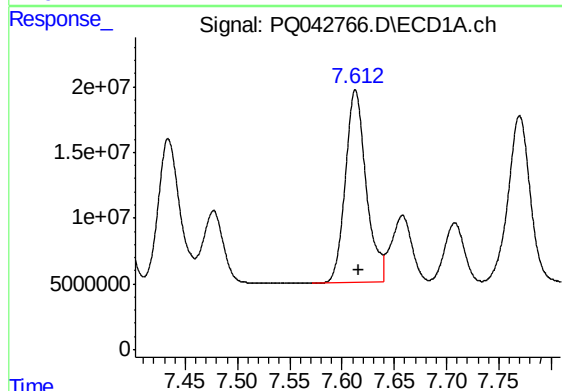
R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 184201502
Conc: 1803.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



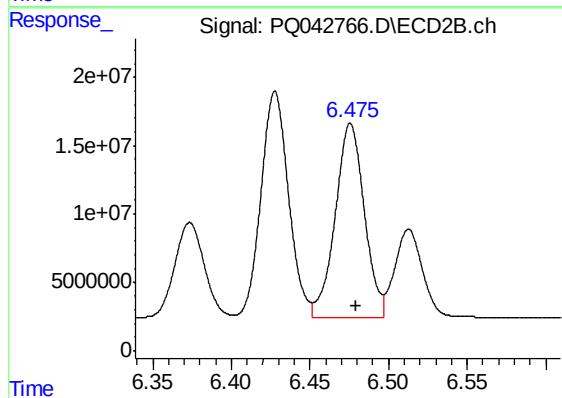
#22 AR-1248-2

R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 202389112
Conc: 1837.17 ng/ml



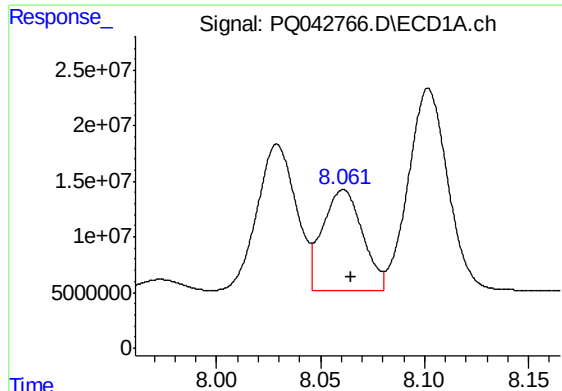
#23 AR-1248-3

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 203273305
Conc: 1601.85 ng/ml



#23 AR-1248-3

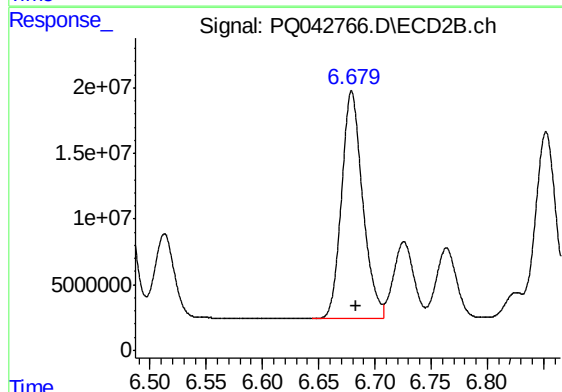
R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 182996978
Conc: 1623.81 ng/ml



#24 AR-1248-4

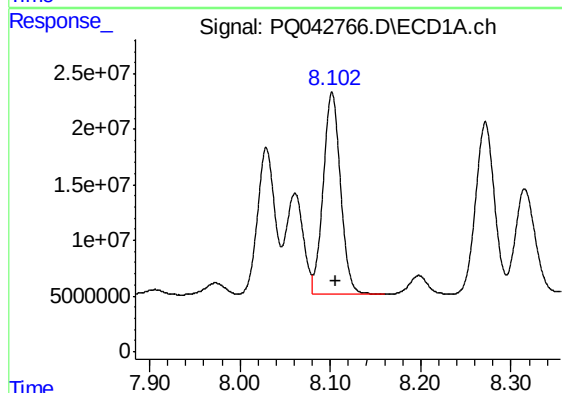
R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 120587454
Conc: 727.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



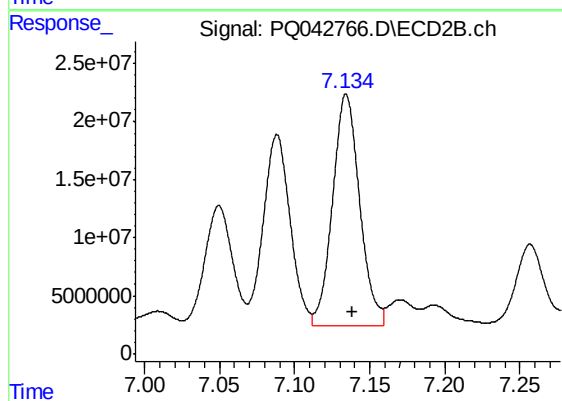
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 226210291
Conc: 1655.81 ng/ml



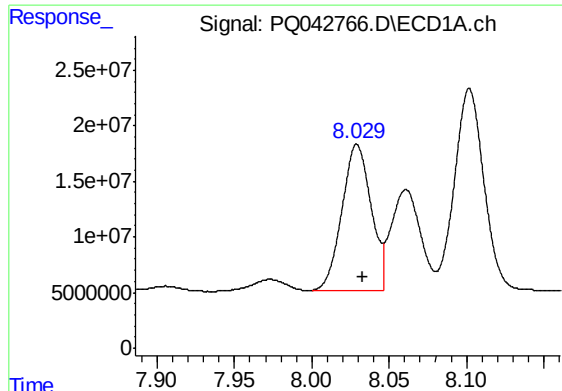
#25 AR-1248-5

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 241115611
Conc: 1514.45 ng/ml



#25 AR-1248-5

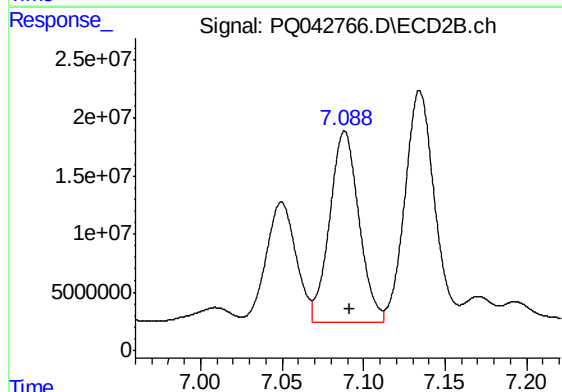
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 249568936
Conc: 1585.32 ng/ml



#26 AR-1254-1

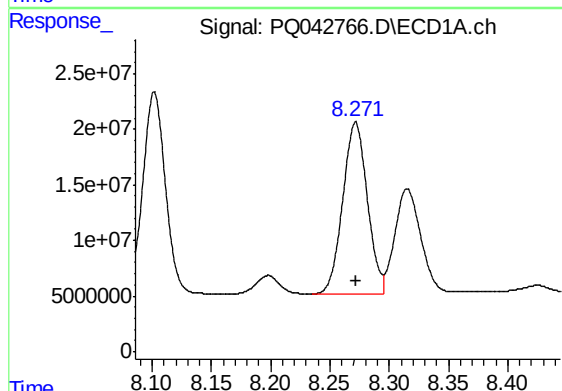
R.T.: 8.029 min
Delta R.T.: -0.004 min
Response: 171842770
Conc: 1171.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



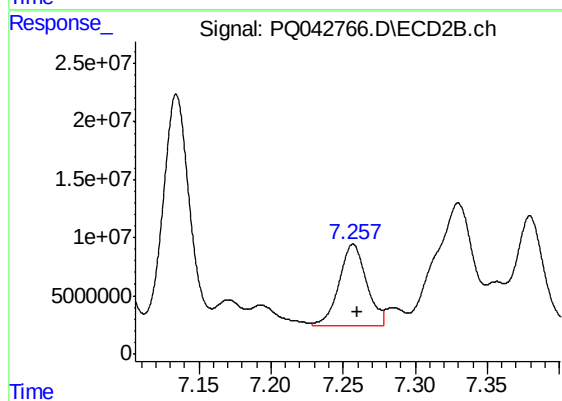
#26 AR-1254-1

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 204809250
Conc: 907.66 ng/ml



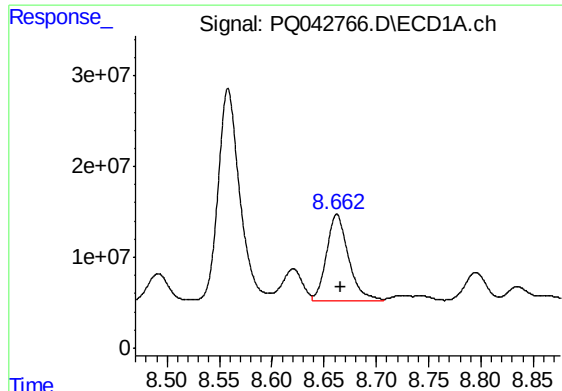
#27 AR-1254-2

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 223269860
Conc: 930.78 ng/ml



#27 AR-1254-2

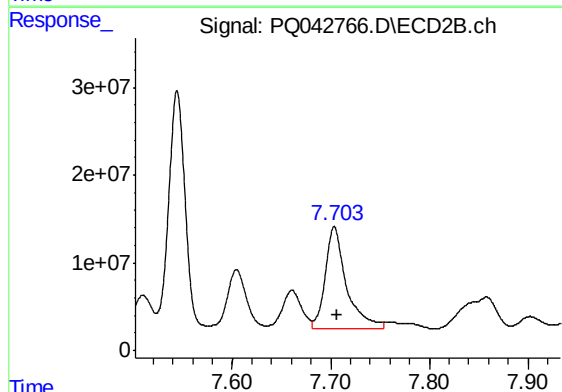
R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 91738686
Conc: 453.69 ng/ml



#28 AR-1254-3

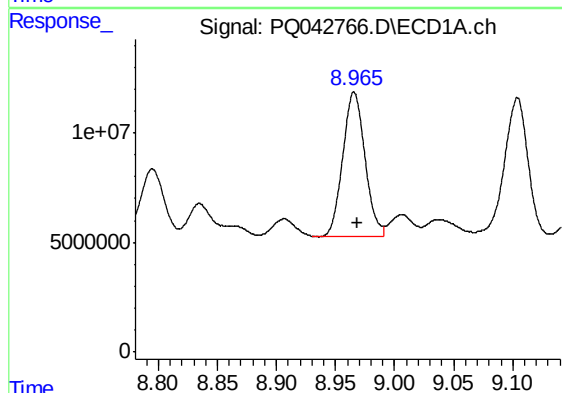
R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 137668352
Conc: 482.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



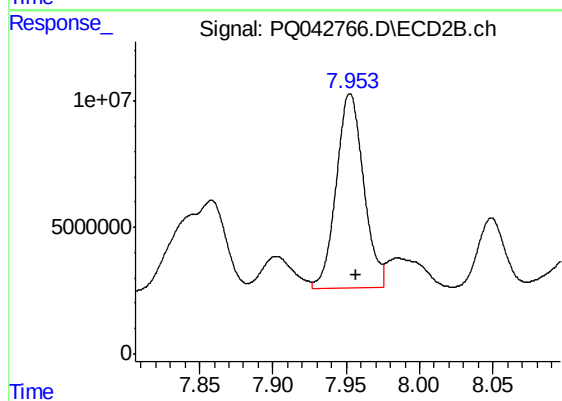
#28 AR-1254-3

R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 173654898
Conc: 493.14 ng/ml



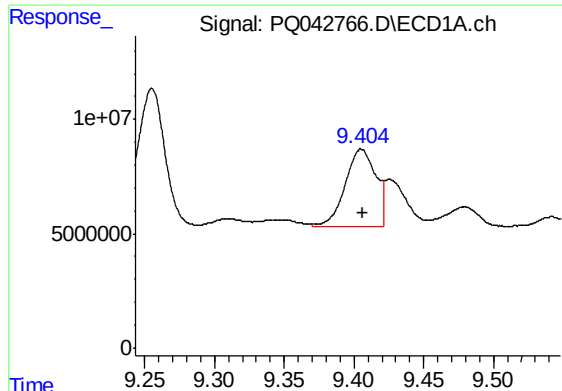
#29 AR-1254-4

R.T.: 8.966 min
Delta R.T.: -0.002 min
Response: 85365707
Conc: 358.03 ng/ml



#29 AR-1254-4

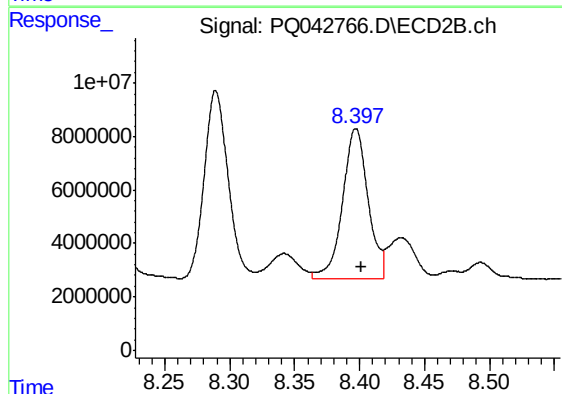
R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 100113553
Conc: 390.14 ng/ml



#30 AR-1254-5

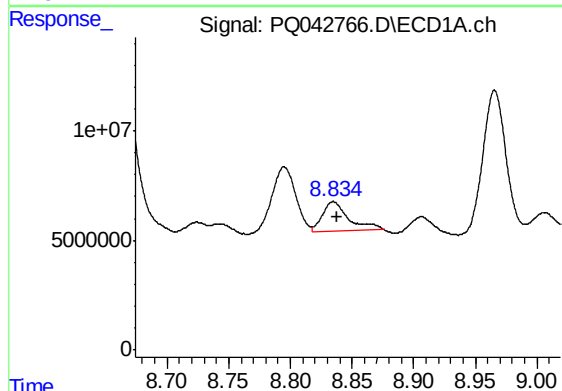
R.T.: 9.405 min
Delta R.T.: 0.000 min
Response: 51423201
Conc: 199.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



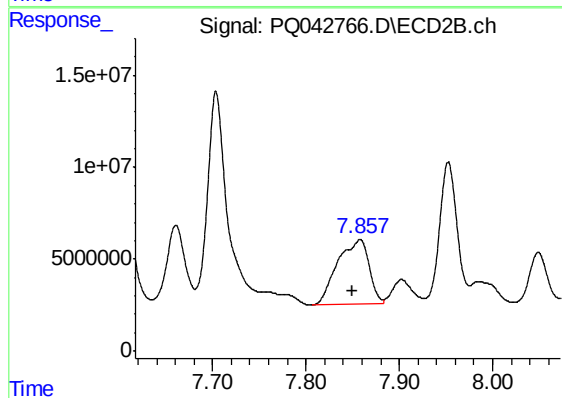
#30 AR-1254-5

R.T.: 8.397 min
Delta R.T.: -0.005 min
Response: 77330374
Conc: 212.82 ng/ml



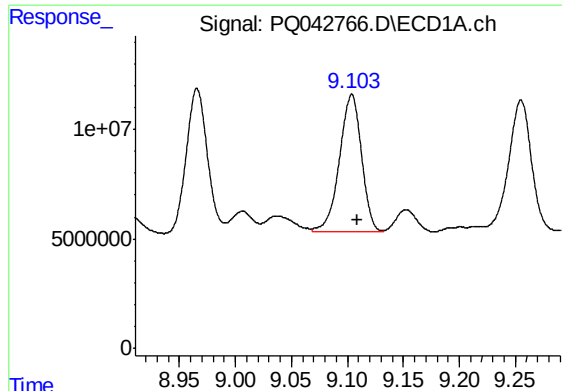
#31 AR-1260-1

R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 19551256
Conc: 110.90 ng/ml



#31 AR-1260-1

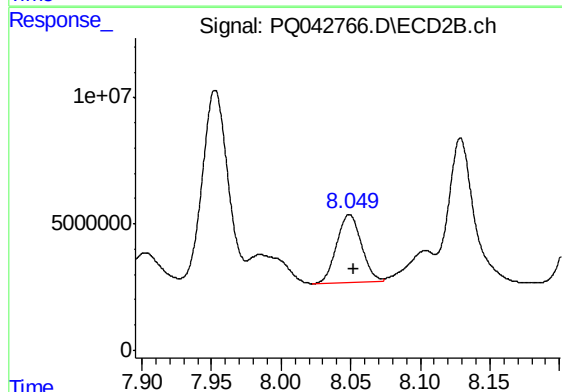
R.T.: 7.858 min
Delta R.T.: 0.008 min
Response: 83095890
Conc: 407.28 ng/ml



#32 AR-1260-2

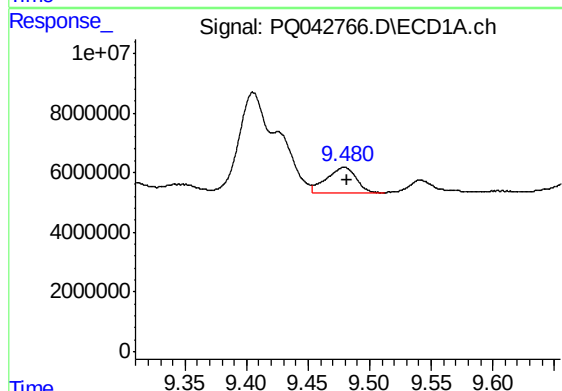
R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 87191127
Conc: 362.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



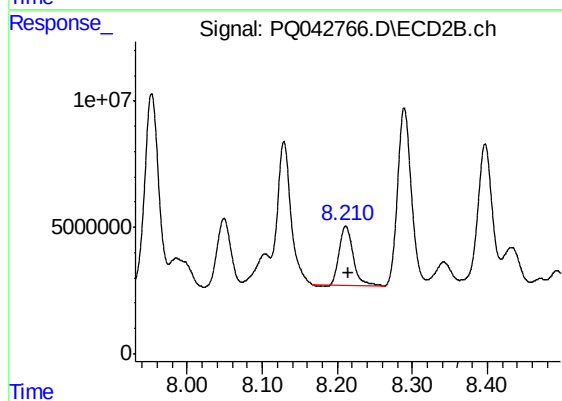
#32 AR-1260-2

R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 33081851
Conc: 123.50 ng/ml



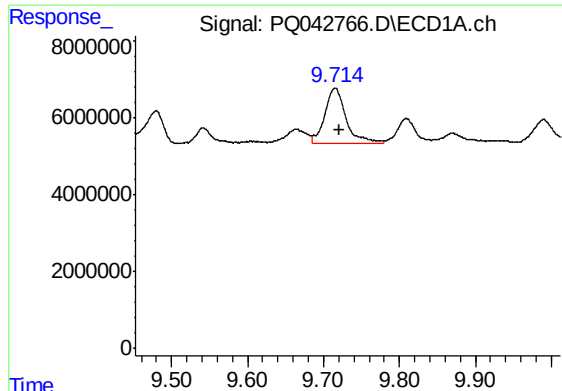
#33 AR-1260-3

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 14278603
Conc: 66.04 ng/ml



#33 AR-1260-3

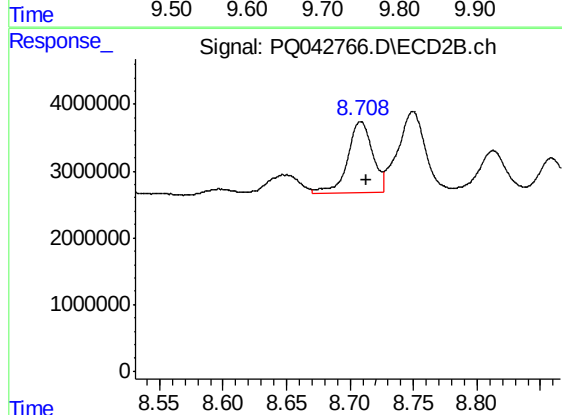
R.T.: 8.211 min
Delta R.T.: -0.004 min
Response: 29162328
Conc: 122.34 ng/ml



#34 AR-1260-4

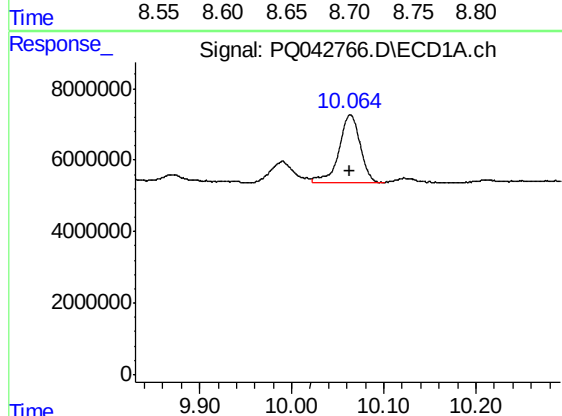
R.T.: 9.715 min
Delta R.T.: -0.007 min
Response: 27926464
Conc: 115.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



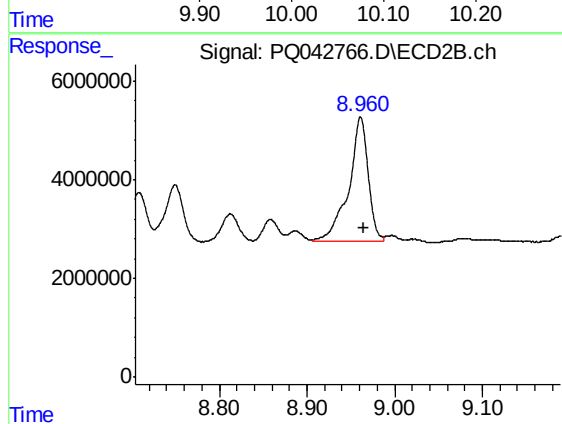
#34 AR-1260-4

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 14490480
Conc: 63.92 ng/ml



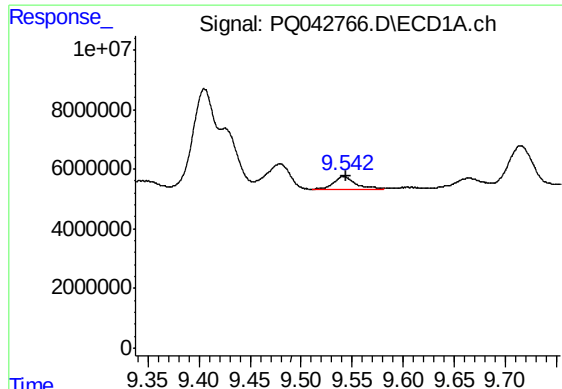
#35 AR-1260-5

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 30928212
Conc: 52.10 ng/ml



#35 AR-1260-5

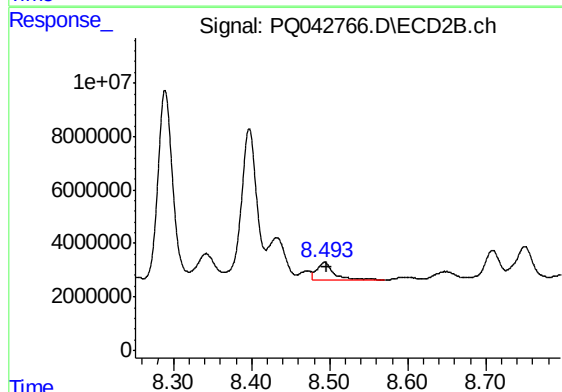
R.T.: 8.961 min
Delta R.T.: -0.004 min
Response: 38944294
Conc: 62.53 ng/ml



#36 AR-1262-1

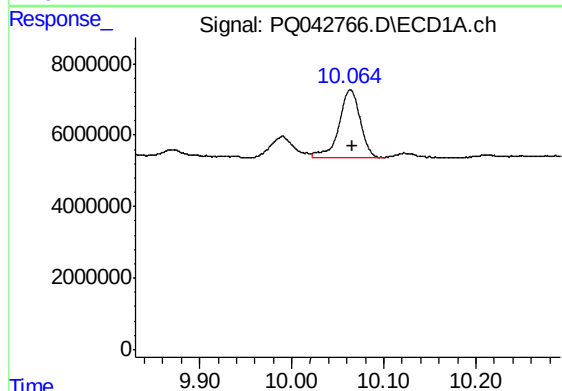
R.T.: 9.542 min
Delta R.T.: -0.002 min
Response: 6276656
Conc: 43.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



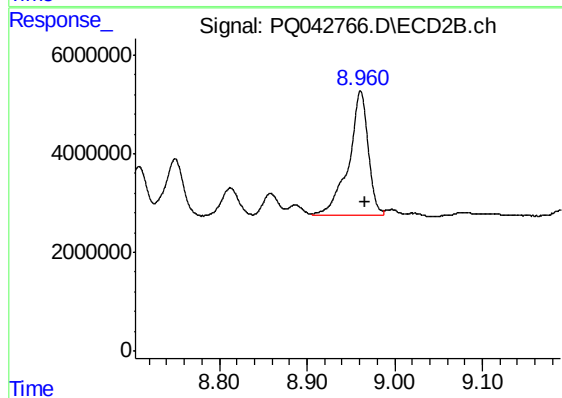
#36 AR-1262-1

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 9406970
Conc: 54.95 ng/ml



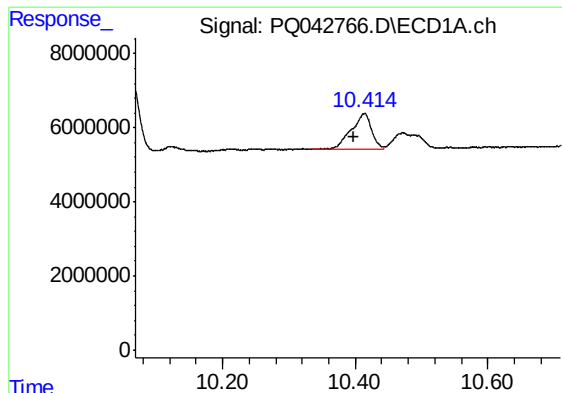
#37 AR-1262-2

R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 30928212
Conc: 41.11 ng/ml



#37 AR-1262-2

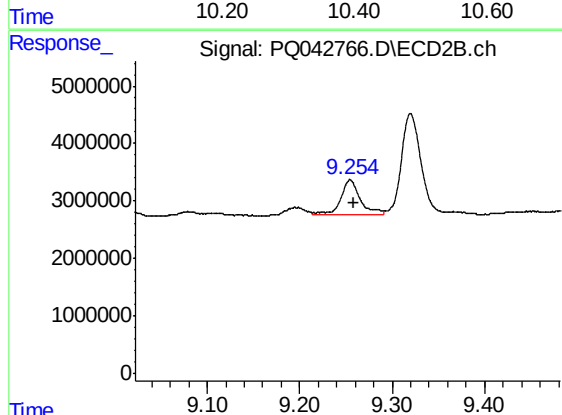
R.T.: 8.961 min
Delta R.T.: -0.005 min
Response: 38944294
Conc: 46.62 ng/ml



#38 AR-1262-3

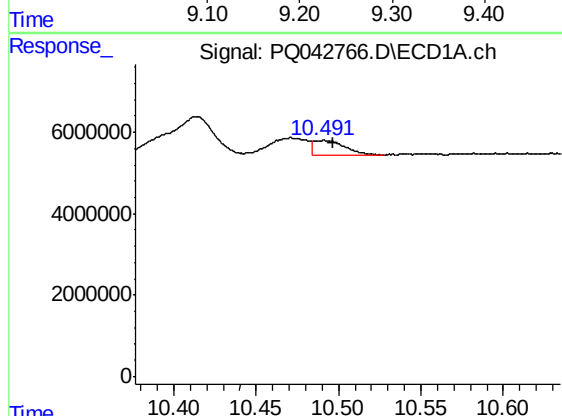
R.T.: 10.414 min
Delta R.T.: 0.016 min
Response: 21025396
Conc: 39.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



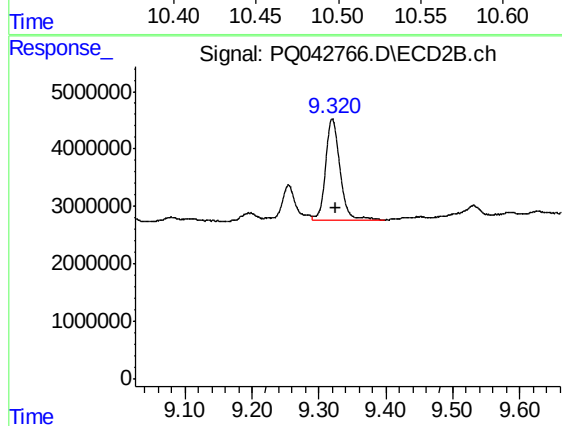
#38 AR-1262-3

R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 9278508
Conc: 26.10 ng/ml



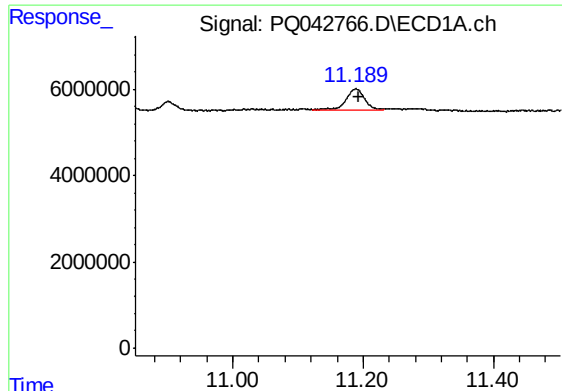
#39 AR-1262-4

R.T.: 10.490 min
Delta R.T.: -0.007 min
Response: 4906138
Conc: 11.29 ng/ml



#39 AR-1262-4

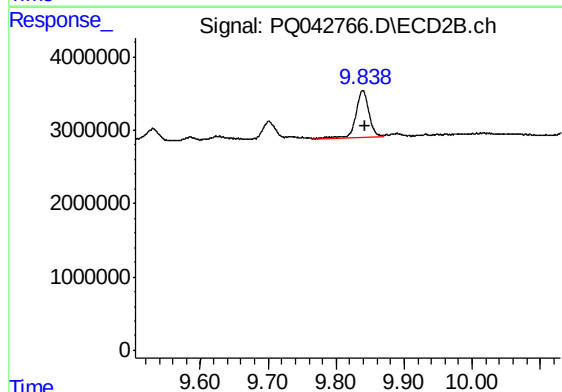
R.T.: 9.320 min
Delta R.T.: -0.006 min
Response: 26563155
Conc: 41.20 ng/ml



#40 AR-1262-5

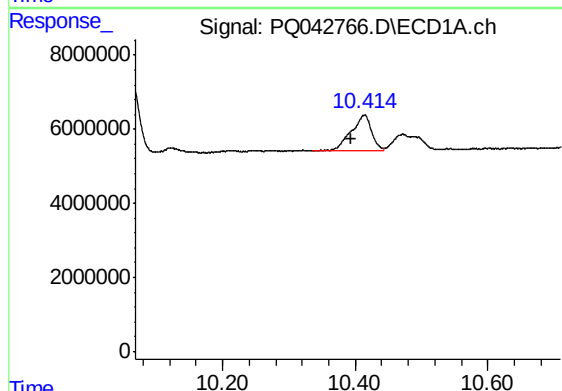
R.T.: 11.189 min
Delta R.T.: -0.004 min
Response: 9536299
Conc: 27.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



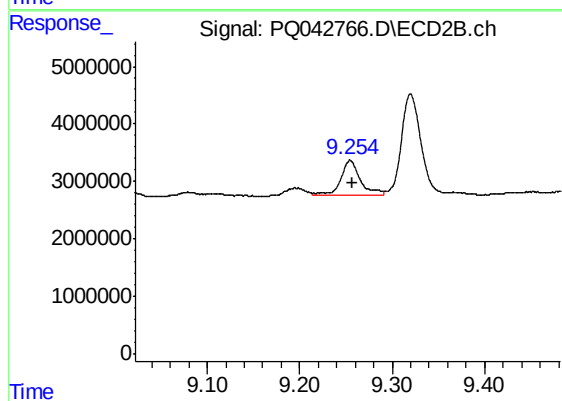
#40 AR-1262-5

R.T.: 9.839 min
Delta R.T.: -0.004 min
Response: 8661767
Conc: 27.38 ng/ml



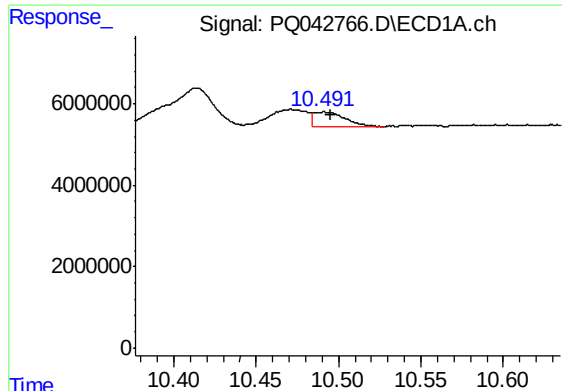
#41 AR-1268-1

R.T.: 10.414 min
Delta R.T.: 0.020 min
Response: 21025396
Conc: 21.99 ng/ml



#41 AR-1268-1

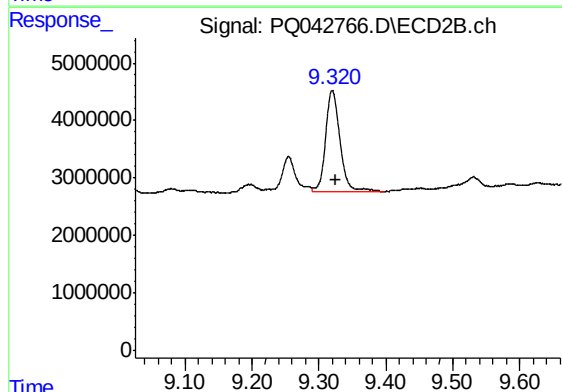
R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 9278508
Conc: 9.24 ng/ml



#42 AR-1268-2

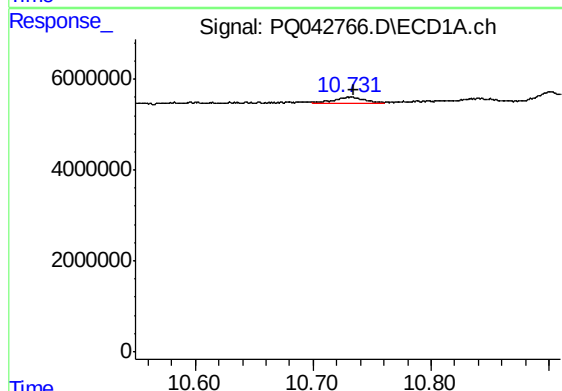
R.T.: 10.490 min
Delta R.T.: -0.005 min
Response: 4906138
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



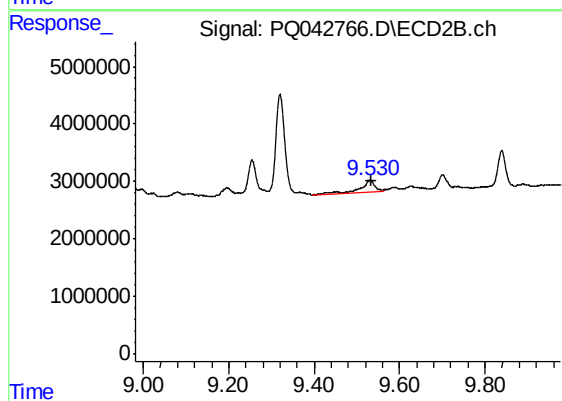
#42 AR-1268-2

R.T.: 9.320 min
Delta R.T.: -0.005 min
Response: 26563155
Conc: 28.29 ng/ml



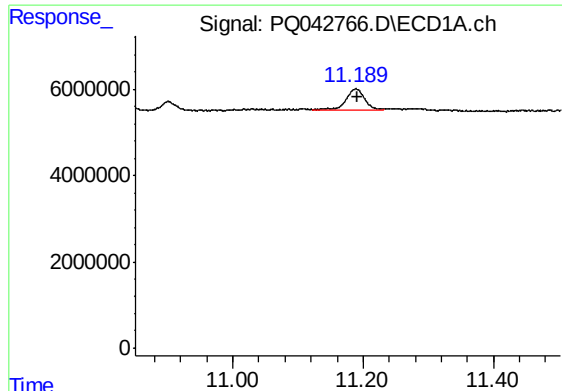
#43 AR-1268-3

R.T.: 10.732 min
Delta R.T.: -0.002 min
Response: 2410953
Conc: 2.98 ng/ml



#43 AR-1268-3

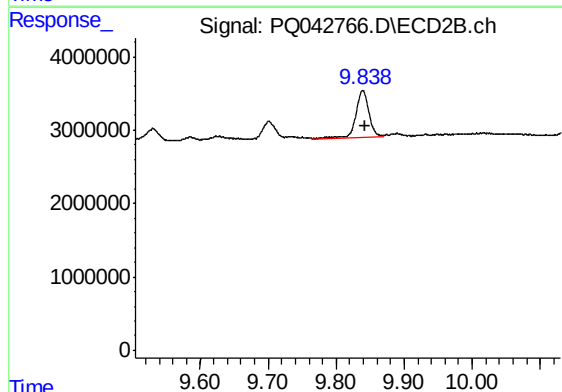
R.T.: 9.531 min
Delta R.T.: -0.005 min
Response: 5661677
Conc: 7.11 ng/ml



#44 AR-1268-4

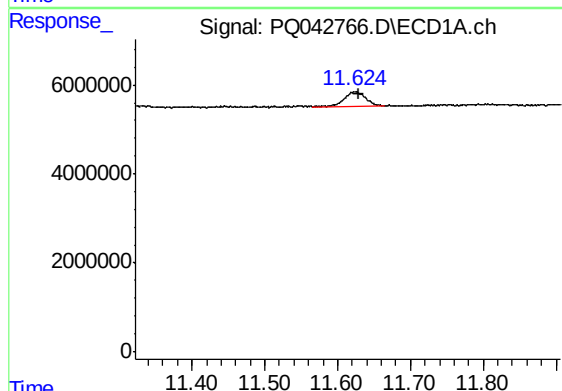
R.T.: 11.189 min
Delta R.T.: -0.002 min
Response: 9536299
Conc: 25.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ59



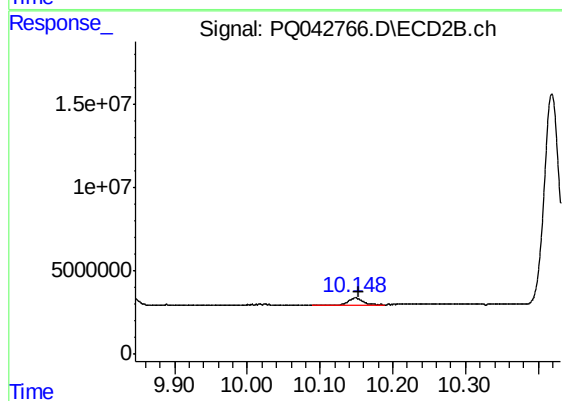
#44 AR-1268-4

R.T.: 9.839 min
Delta R.T.: -0.003 min
Response: 8661767
Conc: 25.31 ng/ml



#45 AR-1268-5

R.T.: 11.624 min
Delta R.T.: -0.004 min
Response: 6666658
Conc: 2.36 ng/ml



#45 AR-1268-5

R.T.: 10.148 min
Delta R.T.: -0.005 min
Response: 5118599
Conc: 2.00 ng/ml