

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 13:17
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 04:52:47 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...	5.636	4.692	71942866	63784657	24.237	25.452
2)	SA Decachlor...	11.996	10.427	279.2E6	243.7E6	36.992	39.903
Target Compounds							
3)	L1 AR-1016-1	7.081	6.141	34702995	35571297	285.181	308.910
4)	L1 AR-1016-2	7.107	6.163	43446881	39199004	236.075	244.186
5)	L1 AR-1016-3	7.176	6.377	21776193	24067048	175.130	280.691 #
6)	L1 AR-1016-4	7.289	6.432	22710262	49196821	257.009	681.311 #
7)	L1 AR-1016-5	7.624	6.683	54035313	60846359	638.944	679.347
9)	L2 AR-1221-2	6.024	5.111	983956	1636501	40.387	68.002 #
10)	L2 AR-1221-3	6.121	5.219	3899364	4400764	45.412	53.283
11)	L3 AR-1232-1	6.121	5.219	3899364	4400764	56.217	65.325
12)	L3 AR-1232-2	6.764	6.163	13754453	39199004	373.681	513.144 #
13)	L3 AR-1232-3	7.107	6.377	43446881	24067048	519.722	593.140
14)	L3 AR-1232-4	7.289	6.481	22710262	50073242	556.992	1258.679 #
15)	L3 AR-1232-5	7.395	6.683	42854551	60846359	1752.097	1534.386
16)	L4 AR-1242-1	7.081	6.141	34702995	35571297	332.529	344.349
17)	L4 AR-1242-2	7.107	6.163	43446881	39199004	285.226	276.616
18)	L4 AR-1242-3	7.176	6.377	21776193	24067048	213.671	317.999 #
19)	L4 AR-1242-4	7.289	6.481	22710262	50073242	295.280	653.913 #
20)	L4 AR-1242-5	8.113	7.093	67293916	95807532	713.201	854.692
21)	L5 AR-1248-1	7.081	6.141	34702995	35571297	416.221	432.738
22)	L5 AR-1248-2	7.395	6.432	42854551	49196821	419.606	446.580
23)	L5 AR-1248-3	7.624	6.481	54035313	50073242	425.814	444.322
24)	L5 AR-1248-4	8.071	6.683	68100350	60846359	410.803	445.381
25)	L5 AR-1248-5	8.113	7.138	67293916	68288238	422.675	433.784
26)	L6 AR-1254-1	8.040	7.093	48063335	95807532	327.565	424.593 #
27)	L6 AR-1254-2	8.283	7.261	66965483	28764449	279.168	142.253 #
28)	L6 AR-1254-3	8.673	7.708	38701683	45148652	135.752	128.211
29)	L6 AR-1254-4	8.977	7.958	25816686	33624770	108.276	131.035
30)	L6 AR-1254-5	9.416	8.403	6984672	8546469	27.052	23.520
31)	L7 AR-1260-1	8.846	7.865	2638596	22113426	14.967	108.384 #
32)	L7 AR-1260-2	9.114	8.053	6523147	5269839	27.139	19.673 #
33)	L7 AR-1260-3	9.488	8.216	2453875	5600254	11.350	23.495 #
34)	L7 AR-1260-4	9.724	8.715	7756875	1400311	31.944	6.177 #
35)	L7 AR-1260-5	10.075	8.968	4531399	4447920	7.633	7.142
36)	L8 AR-1262-1	9.556	8.476	1145731	459228	7.949	2.683 #
37)	L8 AR-1262-2	10.075	8.968	4531399	4447920	6.023	5.324
38)	L8 AR-1262-3	10.405	9.261	2359639	3278956	4.387	9.225 #
39)	L8 AR-1262-4	10.507	9.328	1022744	3481146	2.353	5.399 #
40)	L8 AR-1262-5	11.208	9.845	1492977	2127998	4.353	6.727 #
41)	L9 AR-1268-1	10.405	9.261	2359639	3278956	2.468	3.266 #
42)	L9 AR-1268-2	10.486	9.328	870727	3481146	0.935	3.707 #
43)	L9 AR-1268-3	10.746	9.538	2982267	3089854	3.680	3.879

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 13:17
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

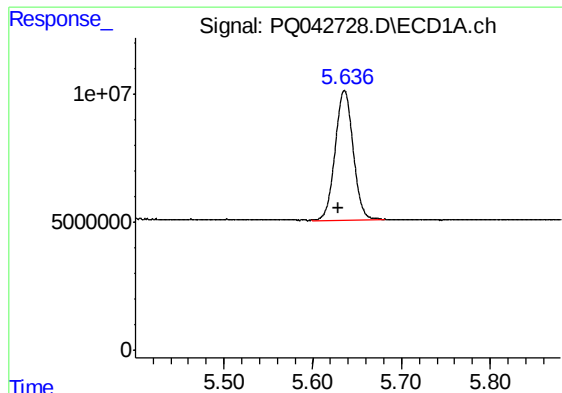
Instrument :
 ECD_Q
 ClientSampleId :
 AR1248312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 04:52:47 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	11.208	9.845	1492977	2127998	4.024	6.218 #
45) L9	AR-1268-5	11.641	10.156	4287615	2022890	1.515	0.789 #

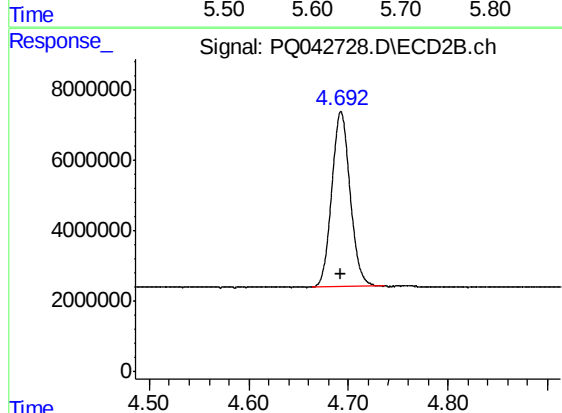
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

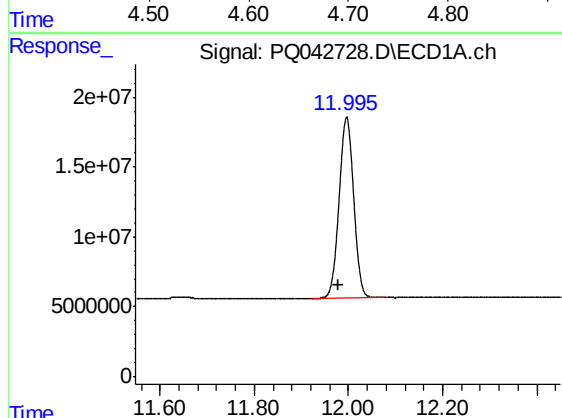
R.T.: 5.636 min
Delta R.T.: 0.007 min
Response: 71942866
Conc: 24.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



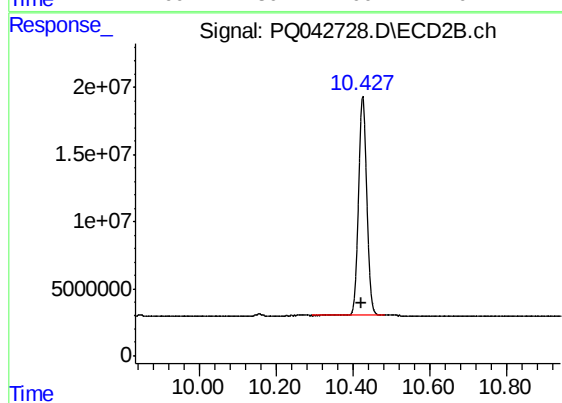
#1 Tetrachloro-m-xylene

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 63784657
Conc: 25.45 ng/ml



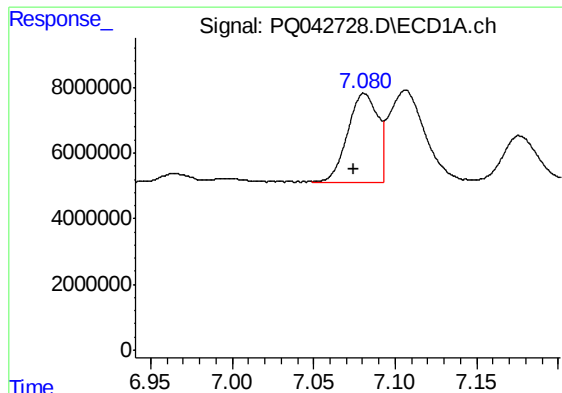
#2 Decachlorobiphenyl

R.T.: 11.996 min
Delta R.T.: 0.018 min
Response: 279242555
Conc: 36.99 ng/ml



#2 Decachlorobiphenyl

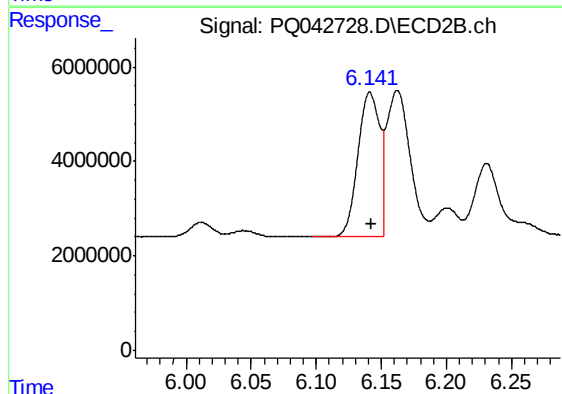
R.T.: 10.427 min
Delta R.T.: 0.005 min
Response: 243667064
Conc: 39.90 ng/ml



#3 AR-1016-1

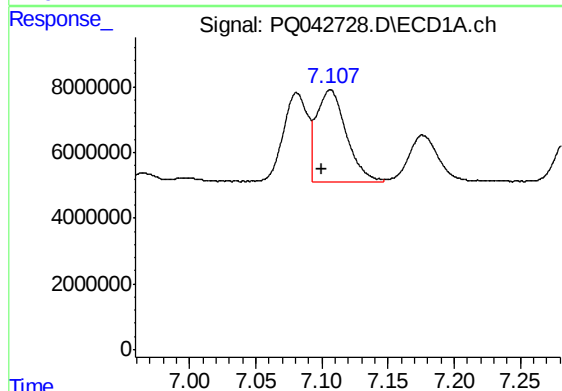
R.T.: 7.081 min
Delta R.T.: 0.006 min
Response: 34702995
Conc: 285.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



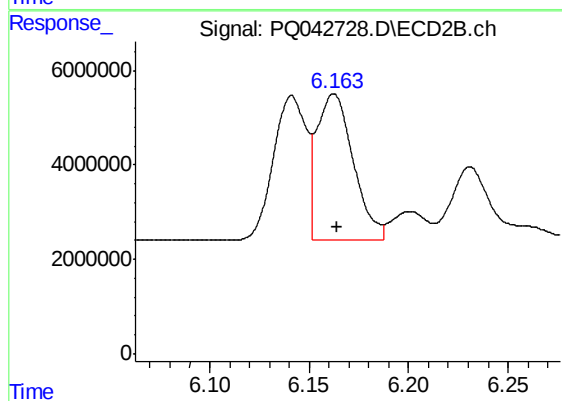
#3 AR-1016-1

R.T.: 6.141 min
Delta R.T.: -0.001 min
Response: 35571297
Conc: 308.91 ng/ml



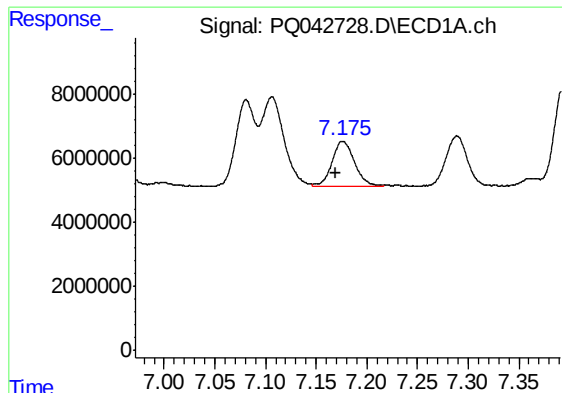
#4 AR-1016-2

R.T.: 7.107 min
Delta R.T.: 0.007 min
Response: 43446881
Conc: 236.07 ng/ml



#4 AR-1016-2

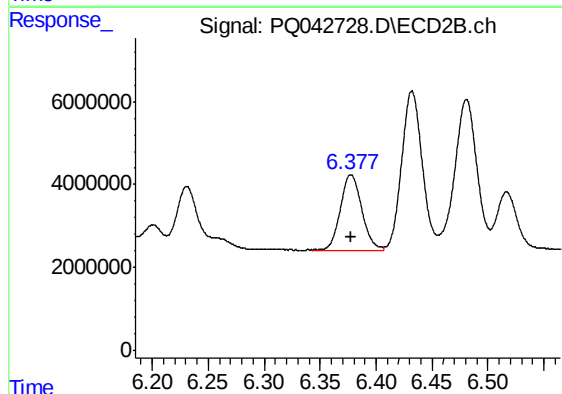
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 39199004
Conc: 244.19 ng/ml



#5 AR-1016-3

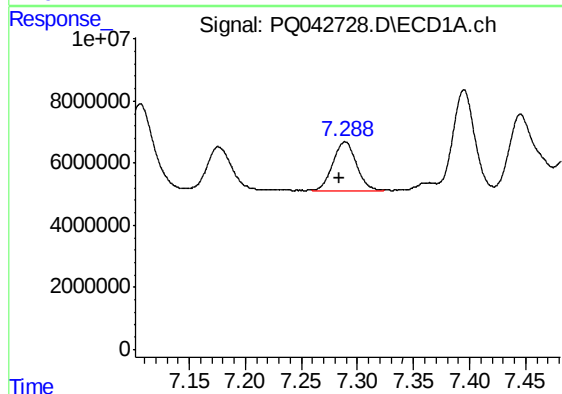
R.T.: 7.176 min
Delta R.T.: 0.006 min
Response: 21776193
Conc: 175.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



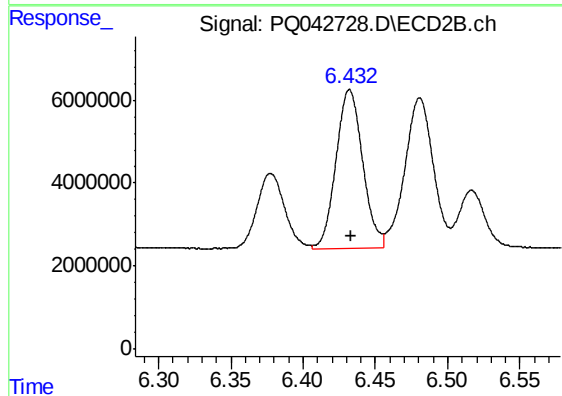
#5 AR-1016-3

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 24067048
Conc: 280.69 ng/ml



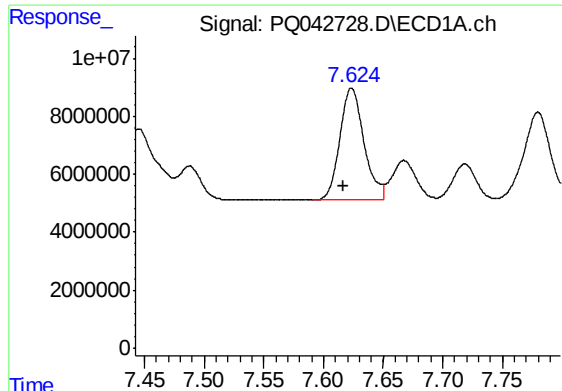
#6 AR-1016-4

R.T.: 7.289 min
Delta R.T.: 0.005 min
Response: 22710262
Conc: 257.01 ng/ml



#6 AR-1016-4

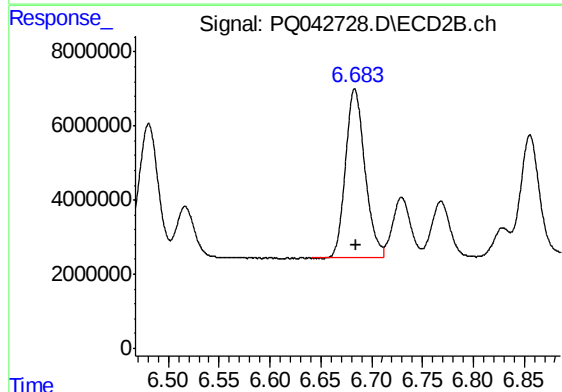
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 49196821
Conc: 681.31 ng/ml



#7 AR-1016-5

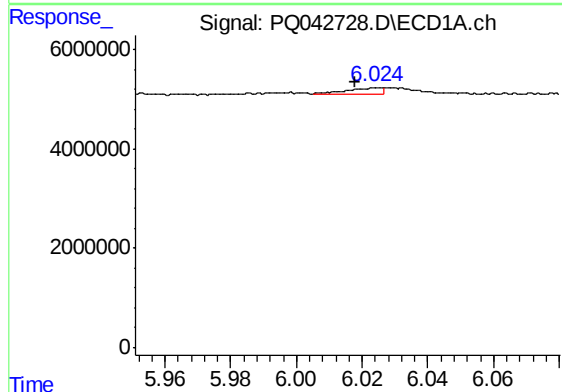
R.T.: 7.624 min
Delta R.T.: 0.006 min
Response: 54035313
Conc: 638.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



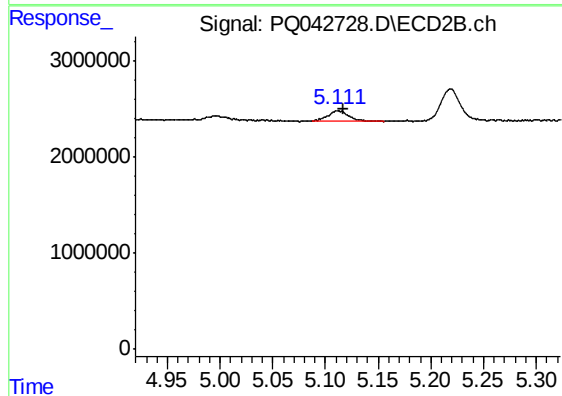
#7 AR-1016-5

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 60846359
Conc: 679.35 ng/ml



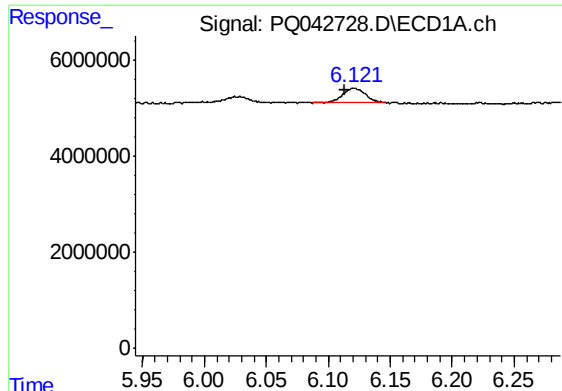
#9 AR-1221-2

R.T.: 6.024 min
Delta R.T.: 0.006 min
Response: 983956
Conc: 40.39 ng/ml



#9 AR-1221-2

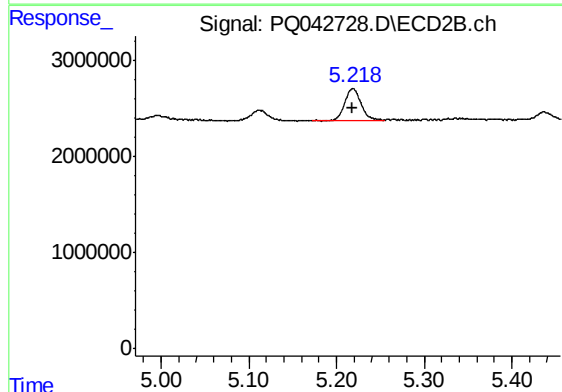
R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 1636501
Conc: 68.00 ng/ml



#10 AR-1221-3

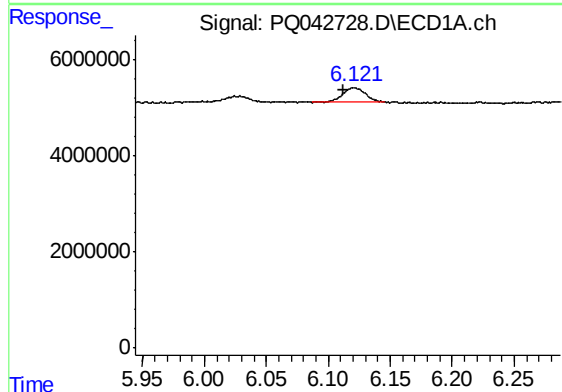
R.T.: 6.121 min
Delta R.T.: 0.008 min
Response: 3899364
Conc: 45.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



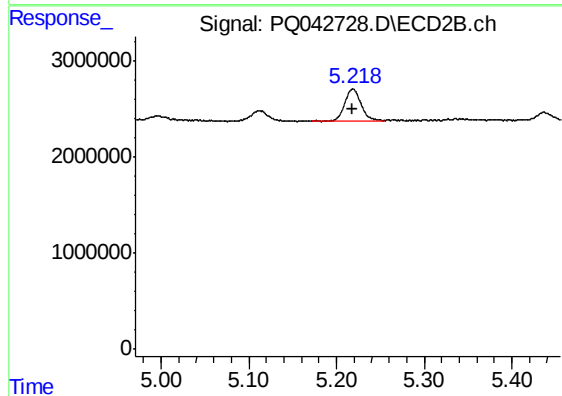
#10 AR-1221-3

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 4400764
Conc: 53.28 ng/ml



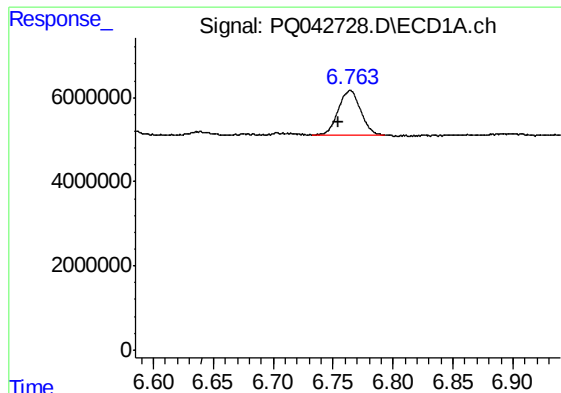
#11 AR-1232-1

R.T.: 6.121 min
Delta R.T.: 0.009 min
Response: 3899364
Conc: 56.22 ng/ml



#11 AR-1232-1

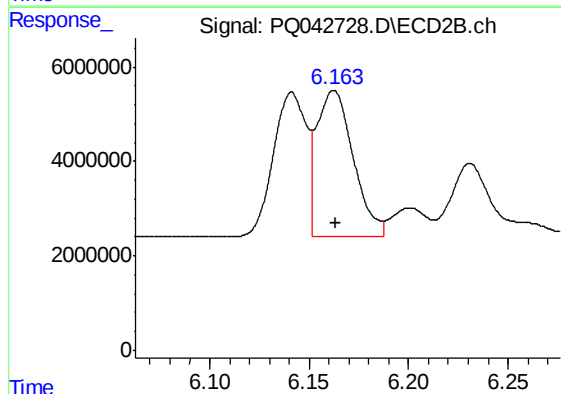
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 4400764
Conc: 65.33 ng/ml



#12 AR-1232-2

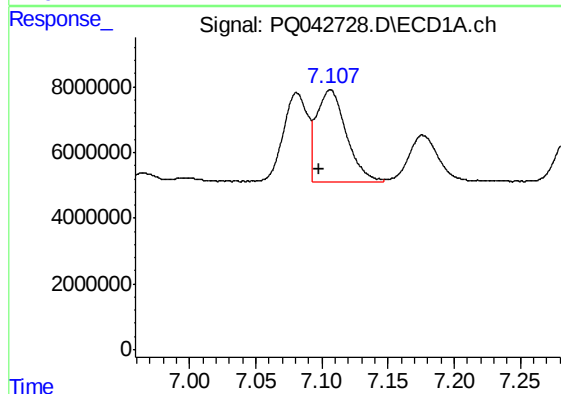
R.T.: 6.764 min
Delta R.T.: 0.010 min
Response: 13754453
Conc: 373.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



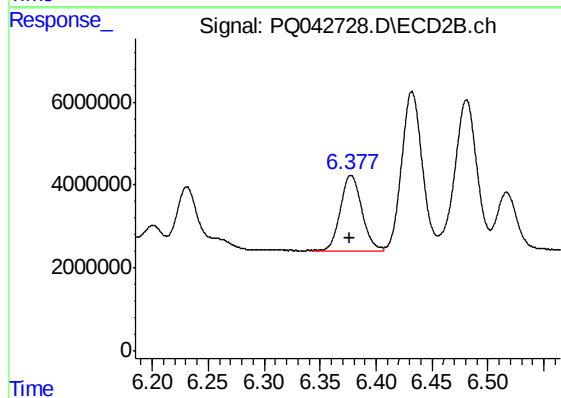
#12 AR-1232-2

R.T.: 6.163 min
Delta R.T.: -0.001 min
Response: 39199004
Conc: 513.14 ng/ml



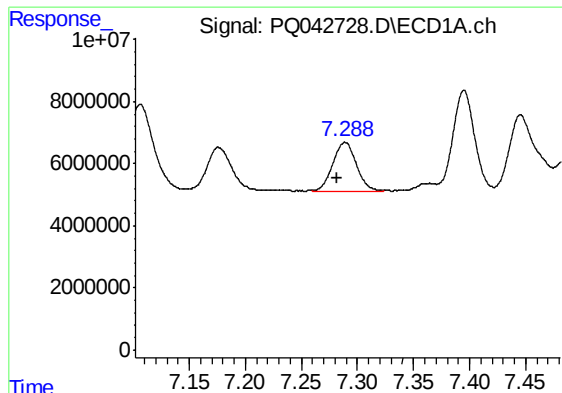
#13 AR-1232-3

R.T.: 7.107 min
Delta R.T.: 0.009 min
Response: 43446881
Conc: 519.72 ng/ml



#13 AR-1232-3

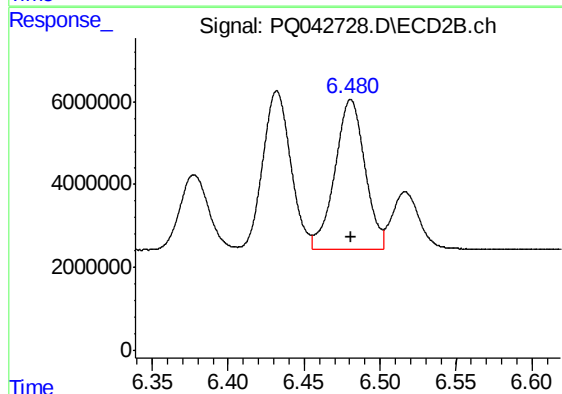
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 24067048
Conc: 593.14 ng/ml



#14 AR-1232-4

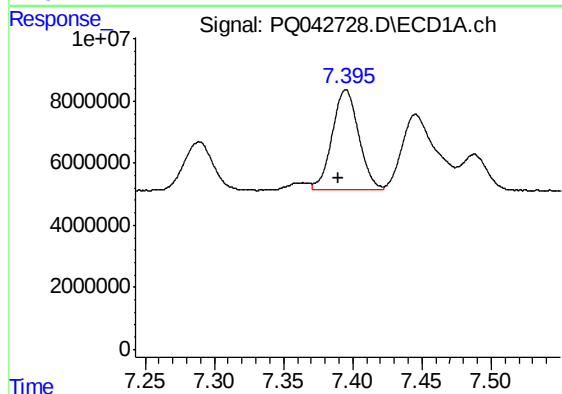
R.T.: 7.289 min
Delta R.T.: 0.007 min
Response: 22710262
Conc: 556.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



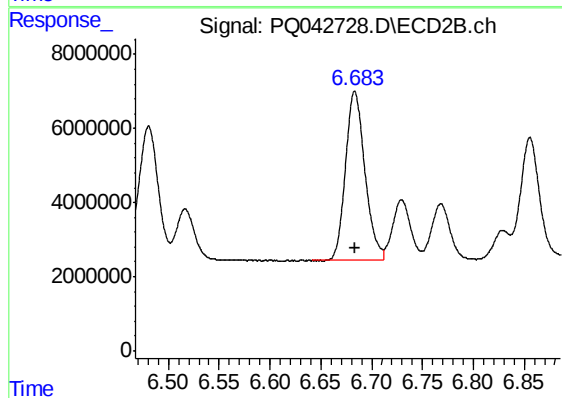
#14 AR-1232-4

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 50073242
Conc: 1258.68 ng/ml



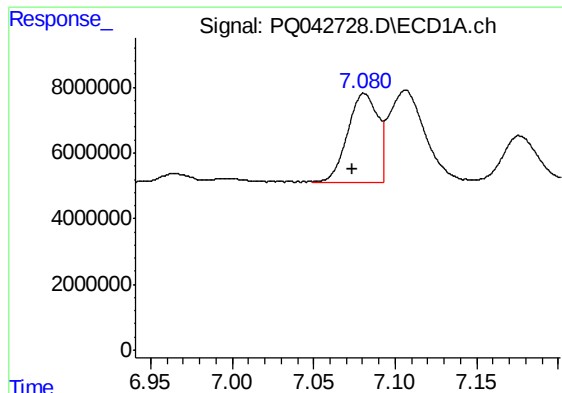
#15 AR-1232-5

R.T.: 7.395 min
Delta R.T.: 0.006 min
Response: 42854551
Conc: 1752.10 ng/ml



#15 AR-1232-5

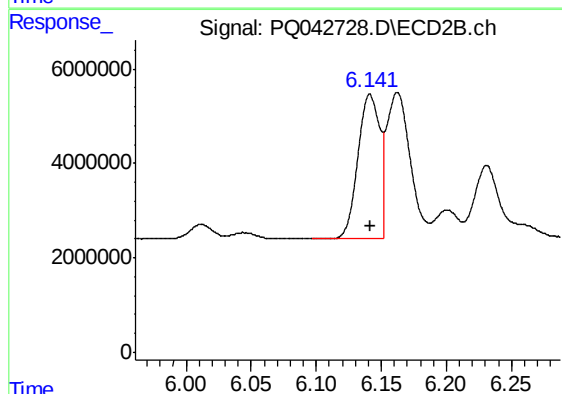
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 60846359
Conc: 1534.39 ng/ml



#16 AR-1242-1

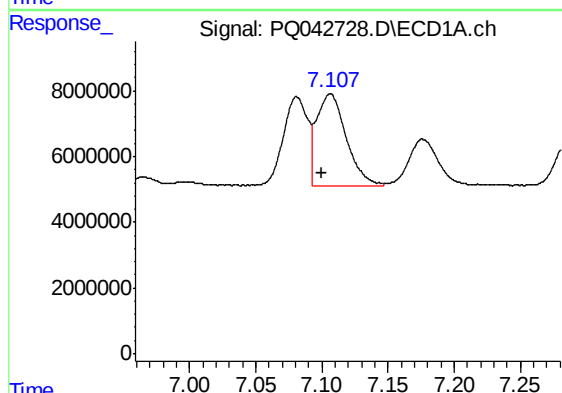
R.T.: 7.081 min
Delta R.T.: 0.006 min
Response: 34702995
Conc: 332.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



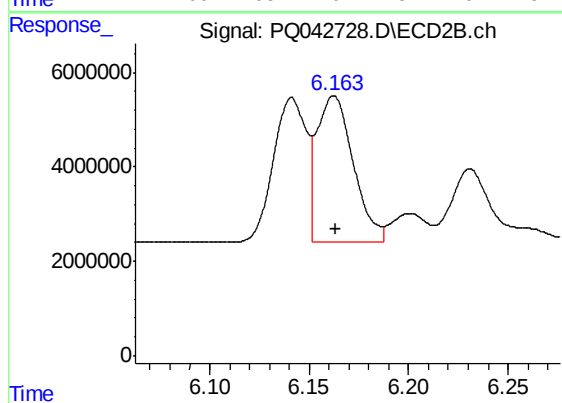
#16 AR-1242-1

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 35571297
Conc: 344.35 ng/ml



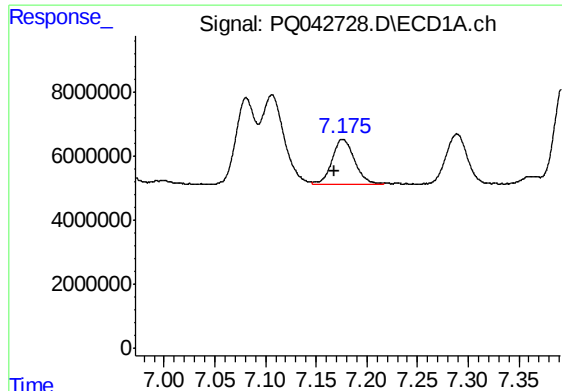
#17 AR-1242-2

R.T.: 7.107 min
Delta R.T.: 0.007 min
Response: 43446881
Conc: 285.23 ng/ml



#17 AR-1242-2

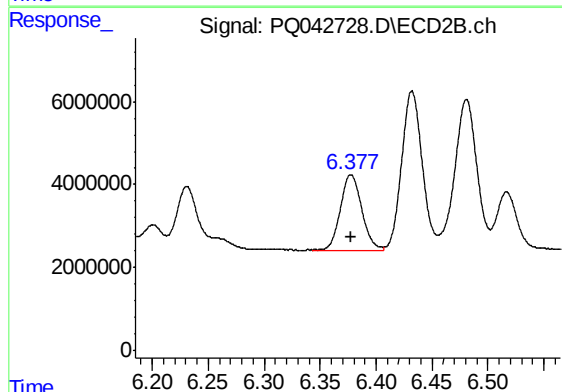
R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 39199004
Conc: 276.62 ng/ml



#18 AR-1242-3

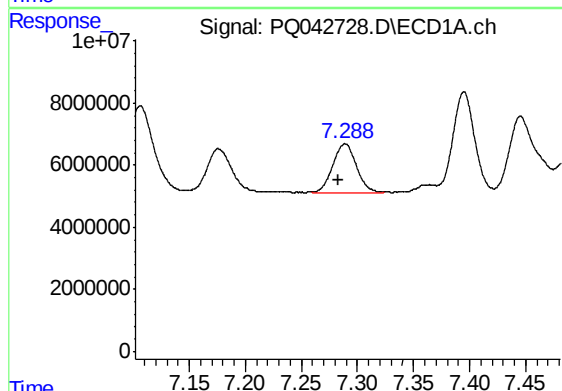
R.T.: 7.176 min
Delta R.T.: 0.007 min
Response: 21776193
Conc: 213.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



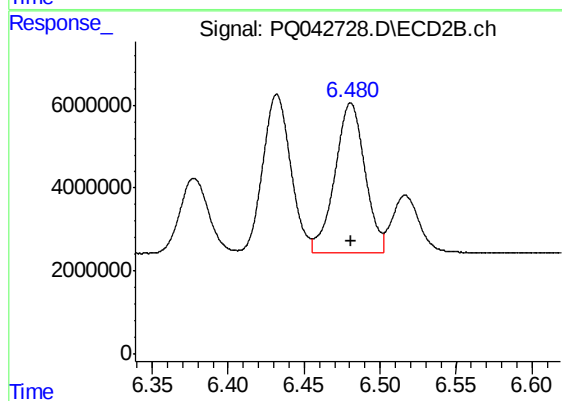
#18 AR-1242-3

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 24067048
Conc: 318.00 ng/ml



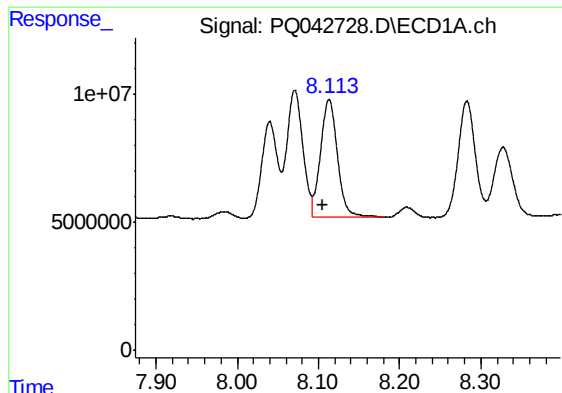
#19 AR-1242-4

R.T.: 7.289 min
Delta R.T.: 0.005 min
Response: 22710262
Conc: 295.28 ng/ml



#19 AR-1242-4

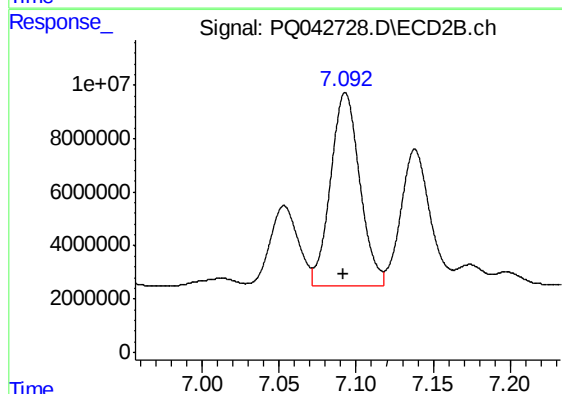
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 50073242
Conc: 653.91 ng/ml



#20 AR-1242-5

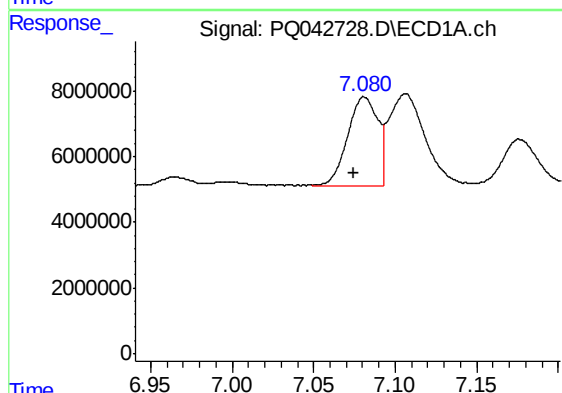
R.T.: 8.113 min
Delta R.T.: 0.007 min
Response: 67293916
Conc: 713.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



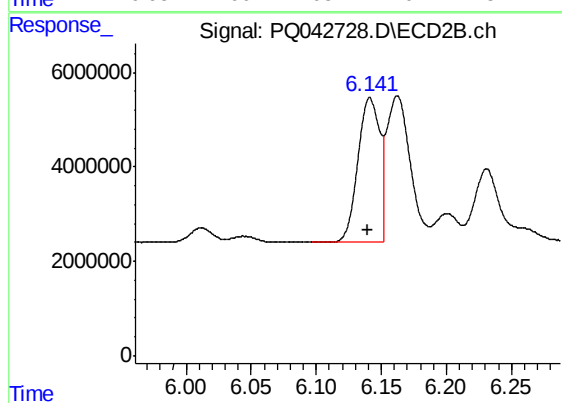
#20 AR-1242-5

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 95807532
Conc: 854.69 ng/ml



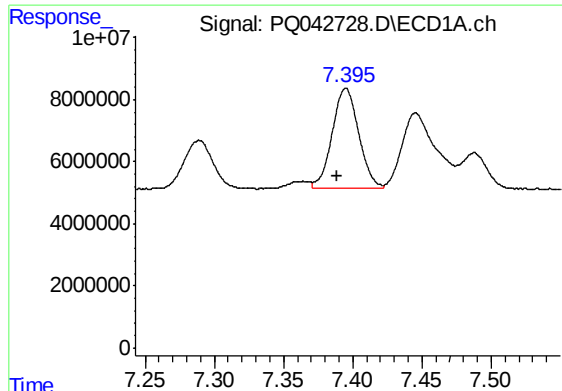
#21 AR-1248-1

R.T.: 7.081 min
Delta R.T.: 0.006 min
Response: 34702995
Conc: 416.22 ng/ml



#21 AR-1248-1

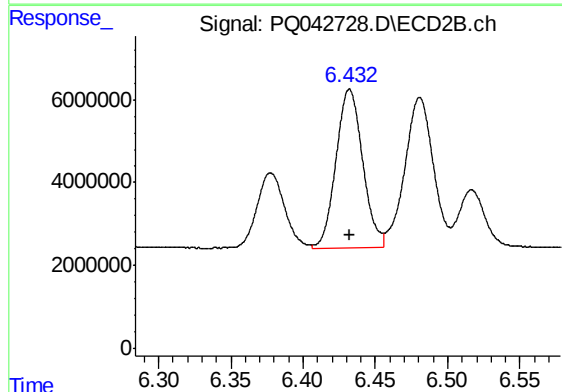
R.T.: 6.141 min
Delta R.T.: 0.001 min
Response: 35571297
Conc: 432.74 ng/ml



#22 AR-1248-2

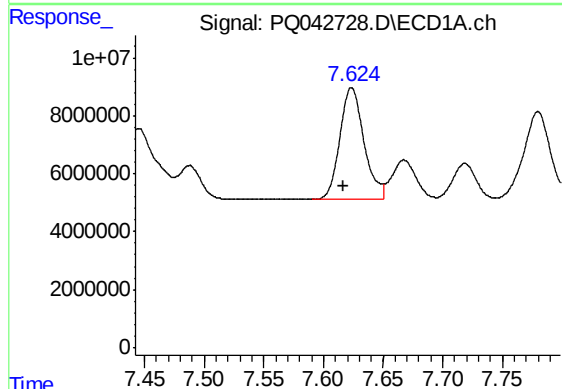
R.T.: 7.395 min
Delta R.T.: 0.006 min
Response: 42854551
Conc: 419.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



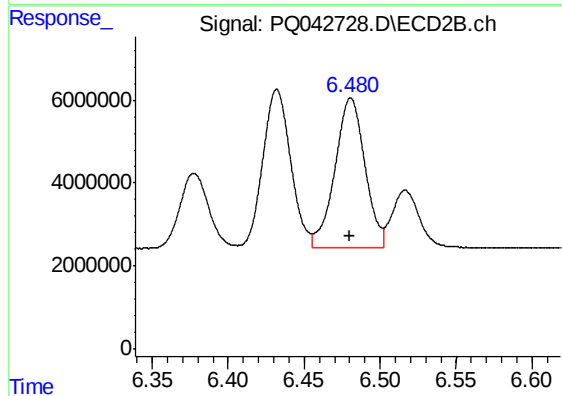
#22 AR-1248-2

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 49196821
Conc: 446.58 ng/ml



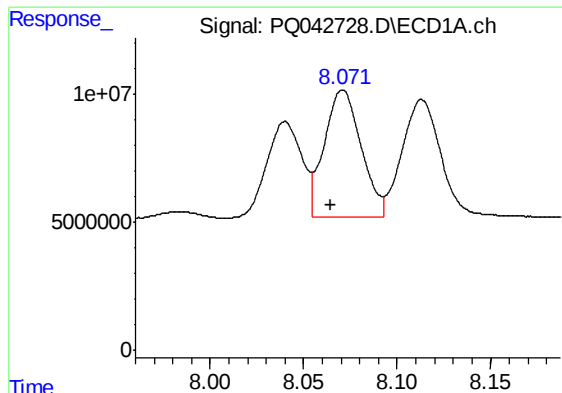
#23 AR-1248-3

R.T.: 7.624 min
Delta R.T.: 0.007 min
Response: 54035313
Conc: 425.81 ng/ml



#23 AR-1248-3

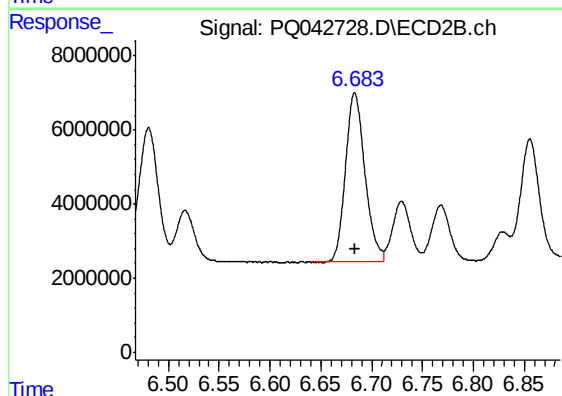
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 50073242
Conc: 444.32 ng/ml



#24 AR-1248-4

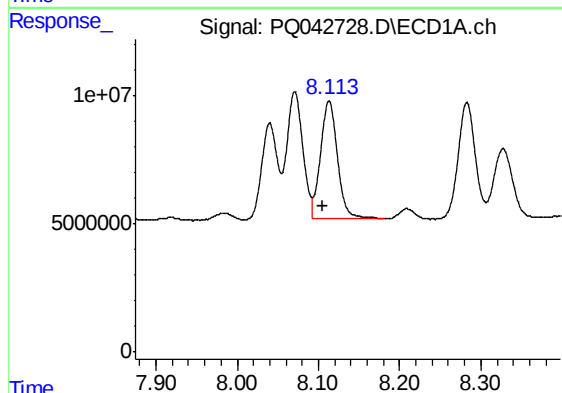
R.T.: 8.071 min
Delta R.T.: 0.006 min
Response: 68100350
Conc: 410.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



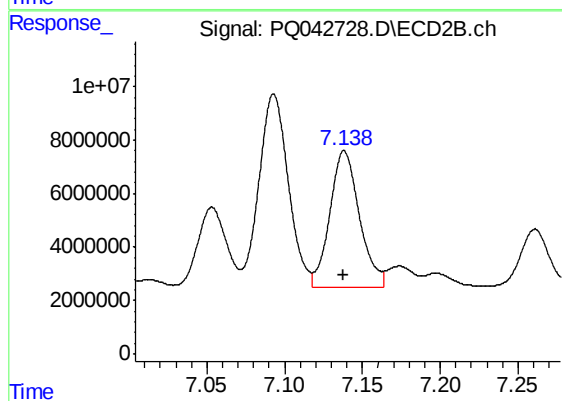
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 60846359
Conc: 445.38 ng/ml



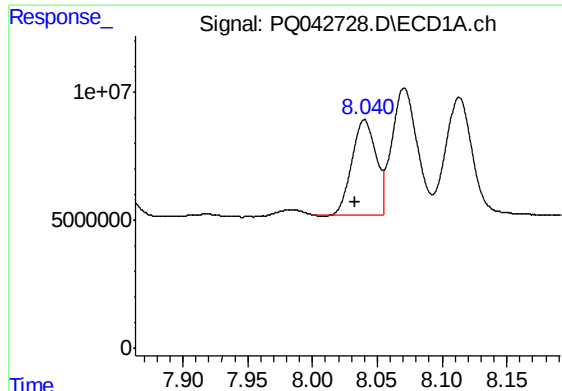
#25 AR-1248-5

R.T.: 8.113 min
Delta R.T.: 0.007 min
Response: 67293916
Conc: 422.67 ng/ml



#25 AR-1248-5

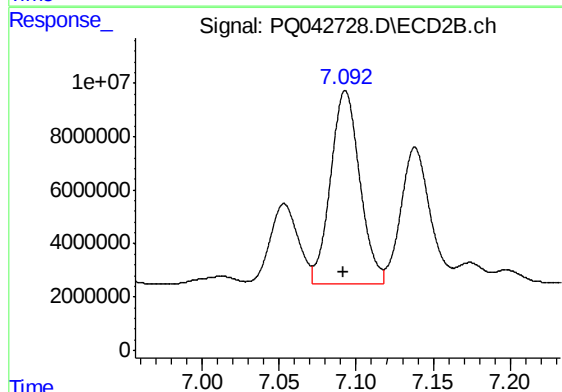
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 68288238
Conc: 433.78 ng/ml



#26 AR-1254-1

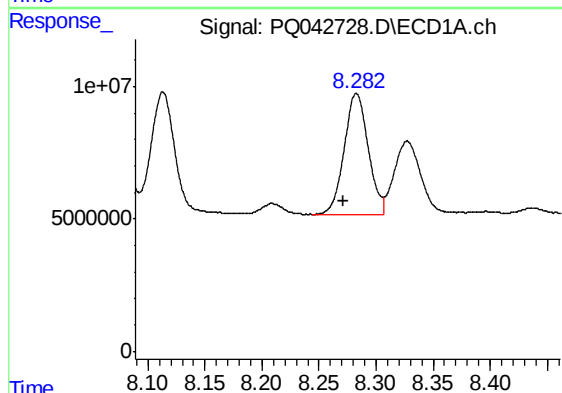
R.T.: 8.040 min
Delta R.T.: 0.007 min
Response: 48063335
Conc: 327.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



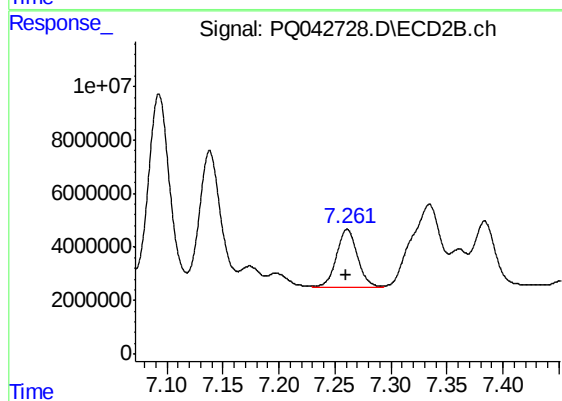
#26 AR-1254-1

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 95807532
Conc: 424.59 ng/ml



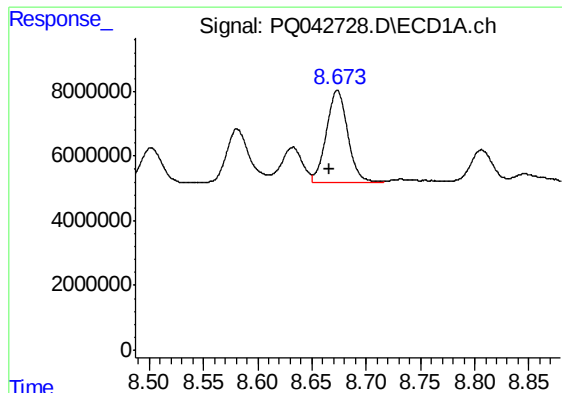
#27 AR-1254-2

R.T.: 8.283 min
Delta R.T.: 0.011 min
Response: 66965483
Conc: 279.17 ng/ml



#27 AR-1254-2

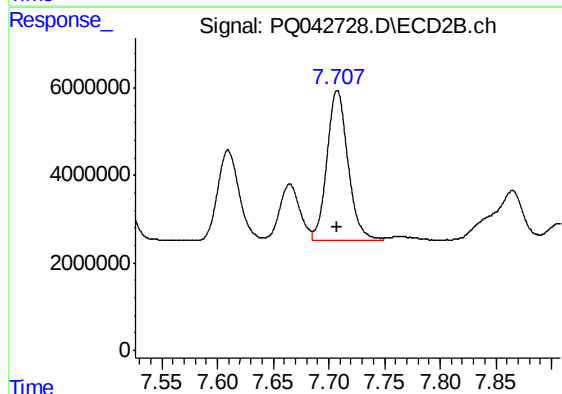
R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 28764449
Conc: 142.25 ng/ml



#28 AR-1254-3

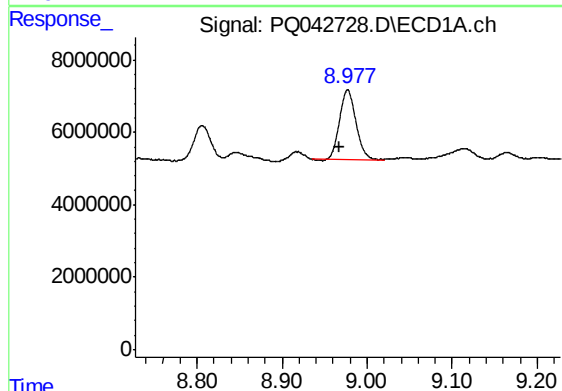
R.T.: 8.673 min
Delta R.T.: 0.007 min
Response: 38701683
Conc: 135.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



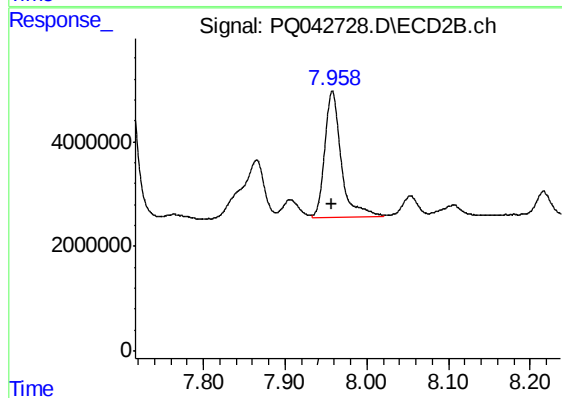
#28 AR-1254-3

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 45148652
Conc: 128.21 ng/ml



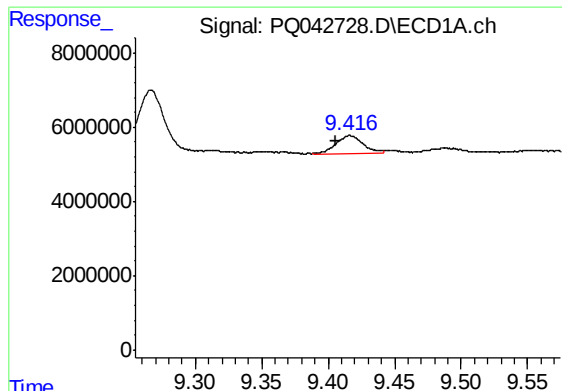
#29 AR-1254-4

R.T.: 8.977 min
Delta R.T.: 0.009 min
Response: 25816686
Conc: 108.28 ng/ml



#29 AR-1254-4

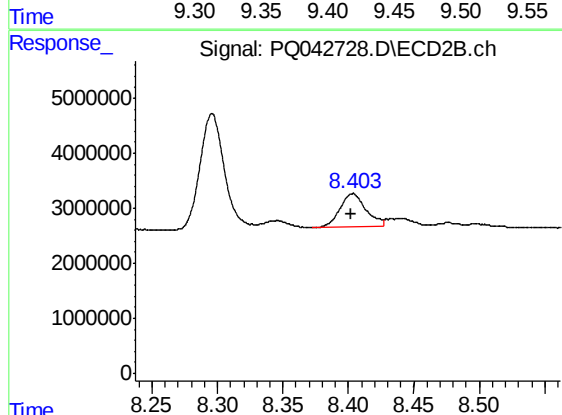
R.T.: 7.958 min
Delta R.T.: 0.001 min
Response: 33624770
Conc: 131.04 ng/ml



#30 AR-1254-5

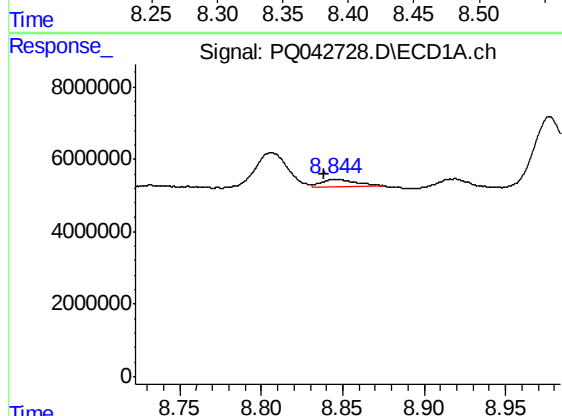
R.T.: 9.416 min
Delta R.T.: 0.010 min
Response: 6984672
Conc: 27.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



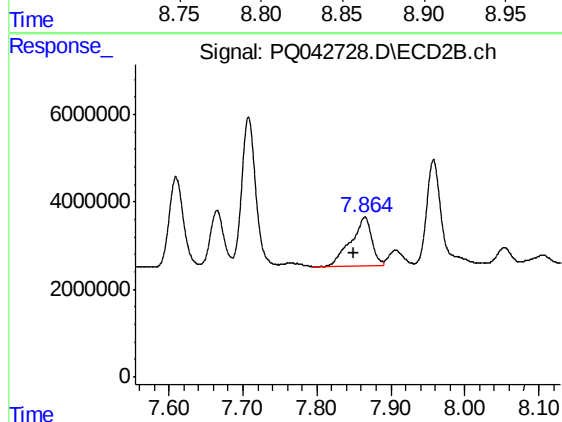
#30 AR-1254-5

R.T.: 8.403 min
Delta R.T.: 0.002 min
Response: 8546469
Conc: 23.52 ng/ml



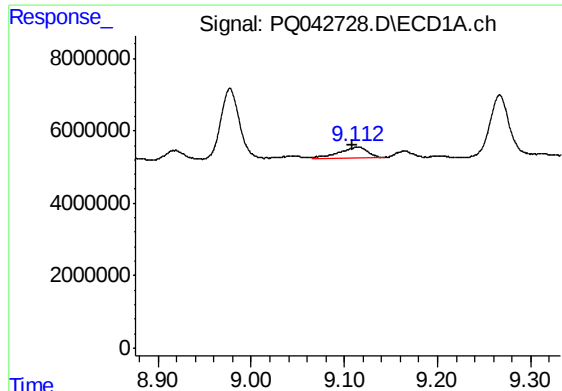
#31 AR-1260-1

R.T.: 8.846 min
Delta R.T.: 0.008 min
Response: 2638596
Conc: 14.97 ng/ml



#31 AR-1260-1

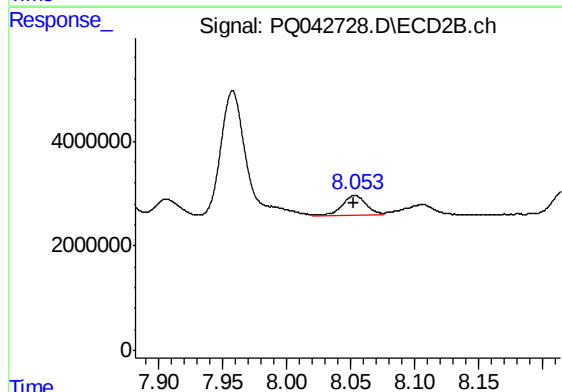
R.T.: 7.865 min
Delta R.T.: 0.015 min
Response: 22113426
Conc: 108.38 ng/ml



#32 AR-1260-2

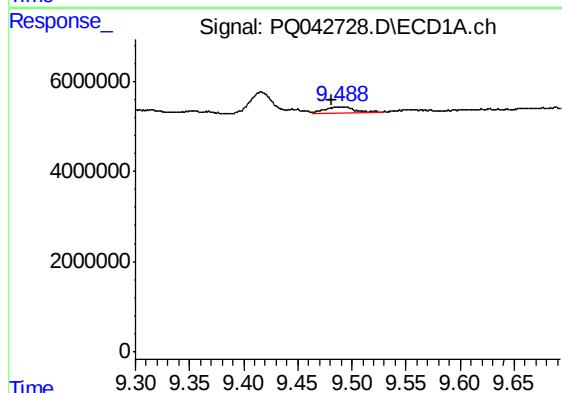
R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 6523147
Conc: 27.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



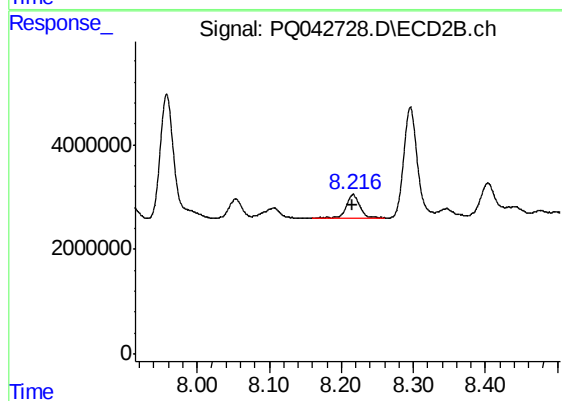
#32 AR-1260-2

R.T.: 8.053 min
Delta R.T.: 0.001 min
Response: 5269839
Conc: 19.67 ng/ml



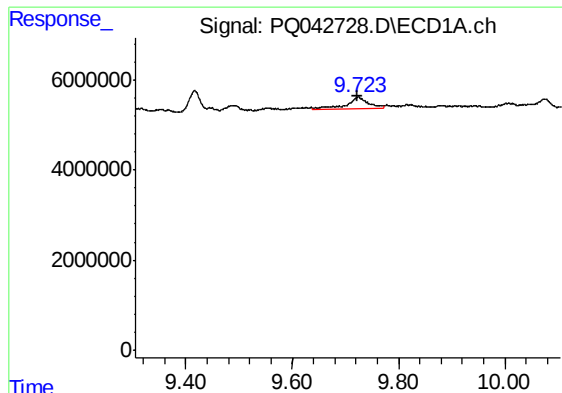
#33 AR-1260-3

R.T.: 9.488 min
Delta R.T.: 0.007 min
Response: 2453875
Conc: 11.35 ng/ml



#33 AR-1260-3

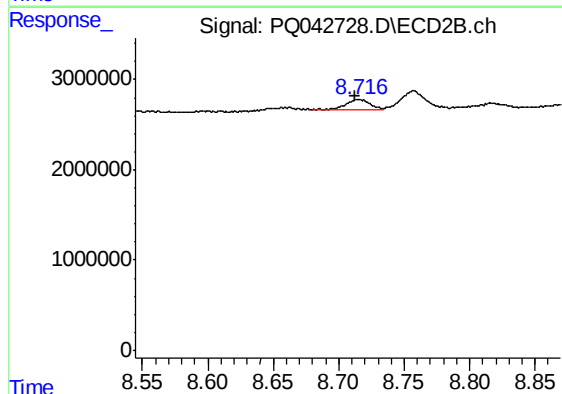
R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 5600254
Conc: 23.49 ng/ml



#34 AR-1260-4

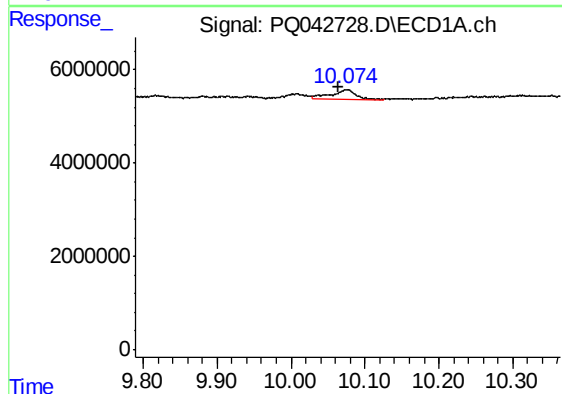
R.T.: 9.724 min
Delta R.T.: 0.002 min
Response: 7756875
Conc: 31.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



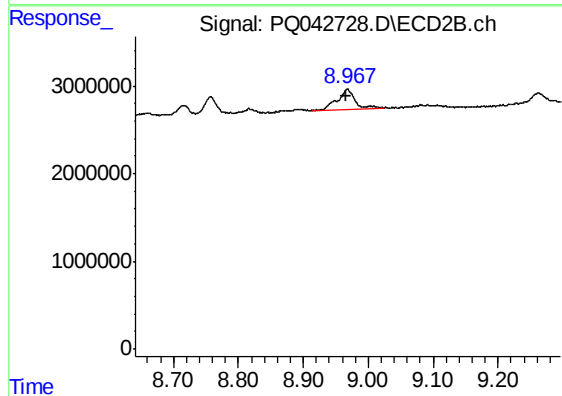
#34 AR-1260-4

R.T.: 8.715 min
Delta R.T.: 0.002 min
Response: 1400311
Conc: 6.18 ng/ml



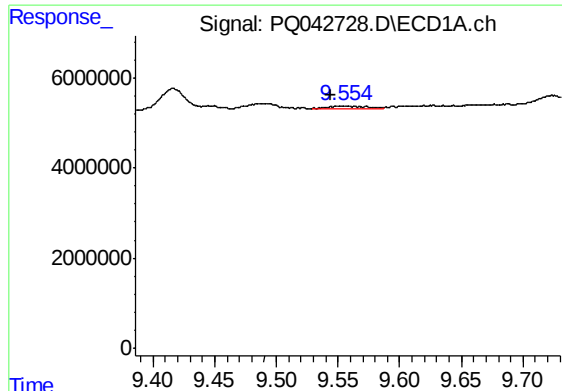
#35 AR-1260-5

R.T.: 10.075 min
Delta R.T.: 0.011 min
Response: 4531399
Conc: 7.63 ng/ml



#35 AR-1260-5

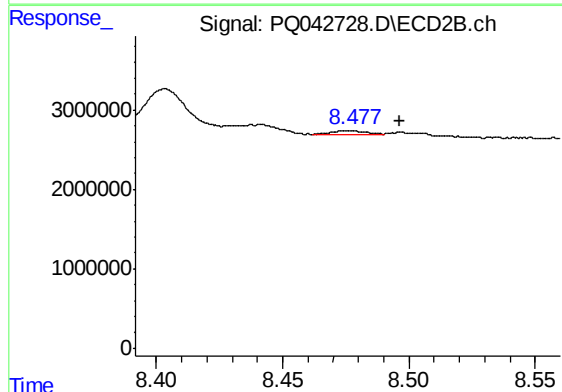
R.T.: 8.968 min
Delta R.T.: 0.003 min
Response: 4447920
Conc: 7.14 ng/ml



#36 AR-1262-1

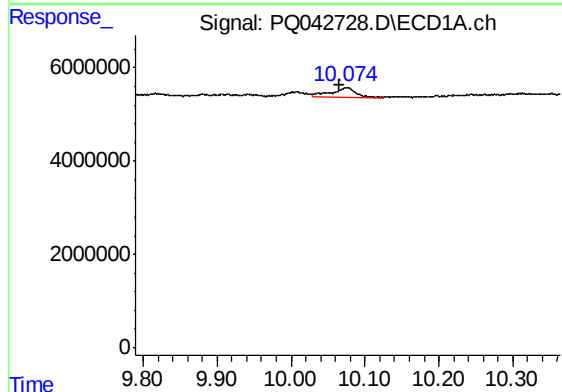
R.T.: 9.556 min
Delta R.T.: 0.012 min
Response: 1145731
Conc: 7.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



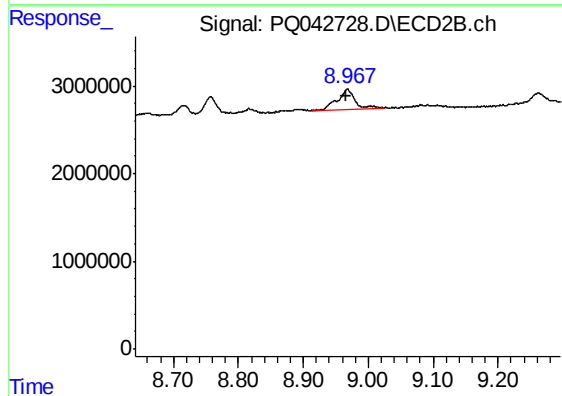
#36 AR-1262-1

R.T.: 8.476 min
Delta R.T.: -0.020 min
Response: 459228
Conc: 2.68 ng/ml



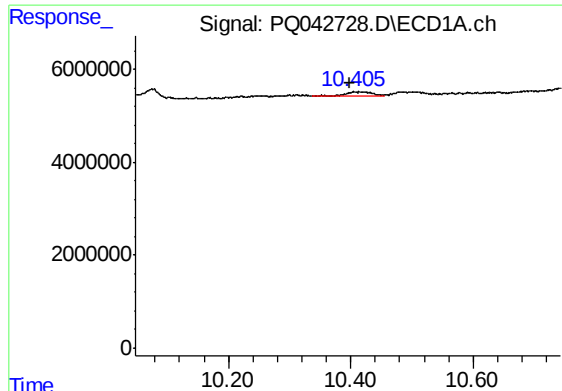
#37 AR-1262-2

R.T.: 10.075 min
Delta R.T.: 0.008 min
Response: 4531399
Conc: 6.02 ng/ml



#37 AR-1262-2

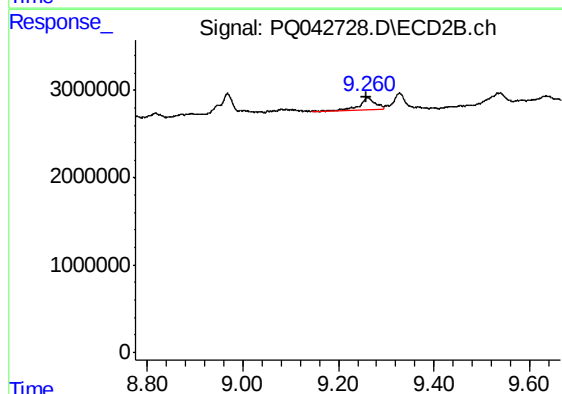
R.T.: 8.968 min
Delta R.T.: 0.002 min
Response: 4447920
Conc: 5.32 ng/ml



#38 AR-1262-3

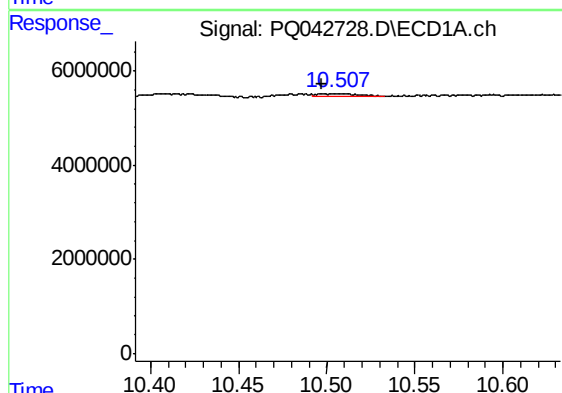
R.T.: 10.405 min
Delta R.T.: 0.007 min
Response: 2359639
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



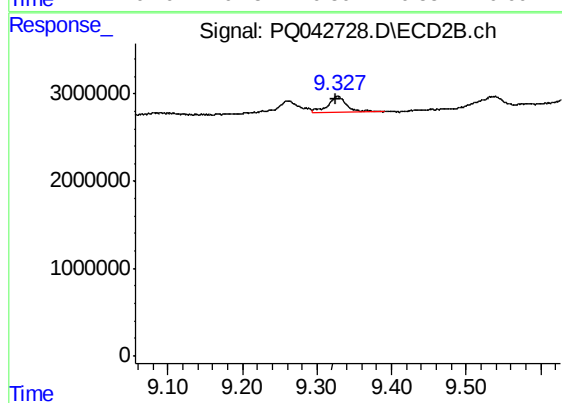
#38 AR-1262-3

R.T.: 9.261 min
Delta R.T.: 0.003 min
Response: 3278956
Conc: 9.23 ng/ml



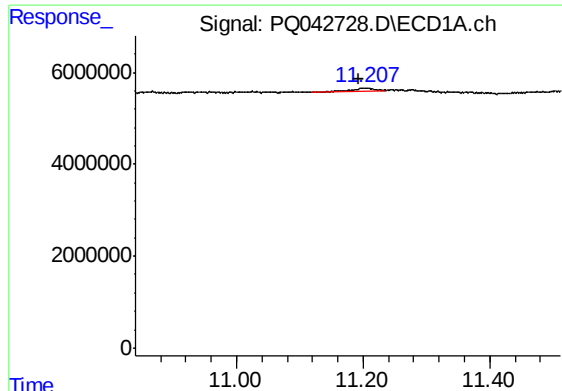
#39 AR-1262-4

R.T.: 10.507 min
Delta R.T.: 0.010 min
Response: 1022744
Conc: 2.35 ng/ml



#39 AR-1262-4

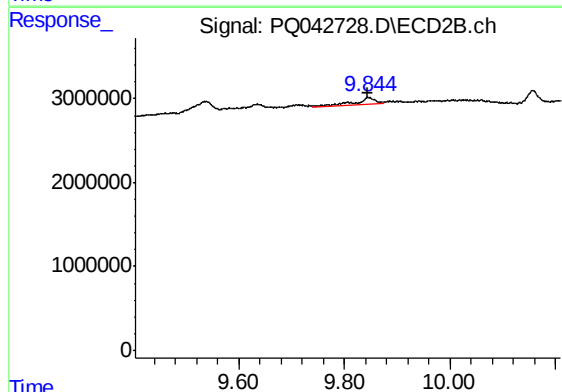
R.T.: 9.328 min
Delta R.T.: 0.002 min
Response: 3481146
Conc: 5.40 ng/ml



#40 AR-1262-5

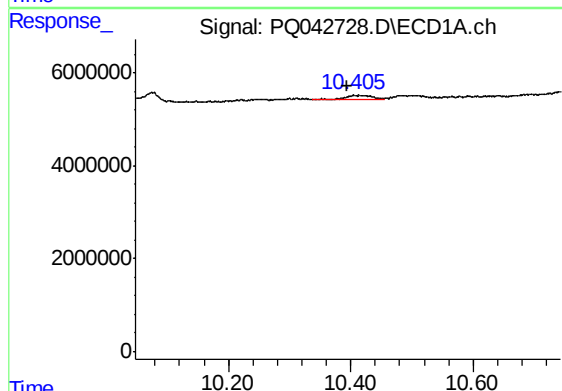
R.T.: 11.208 min
Delta R.T.: 0.016 min
Response: 1492977
Conc: 4.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



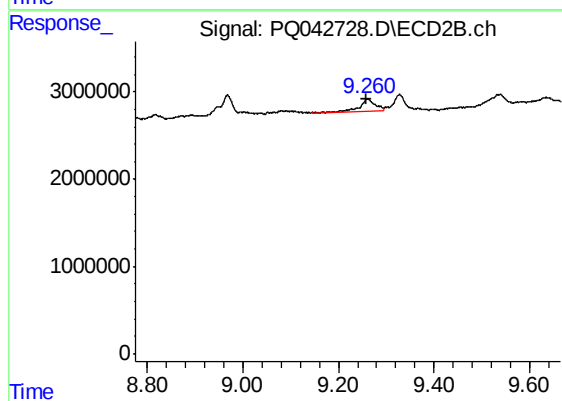
#40 AR-1262-5

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 2127998
Conc: 6.73 ng/ml



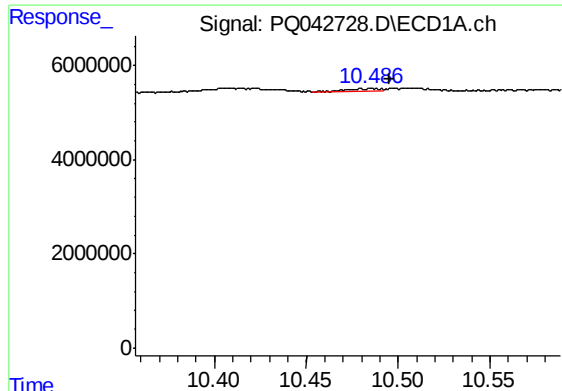
#41 AR-1268-1

R.T.: 10.405 min
Delta R.T.: 0.011 min
Response: 2359639
Conc: 2.47 ng/ml



#41 AR-1268-1

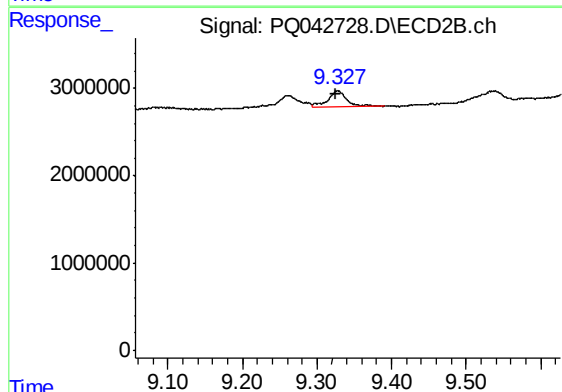
R.T.: 9.261 min
Delta R.T.: 0.004 min
Response: 3278956
Conc: 3.27 ng/ml



#42 AR-1268-2

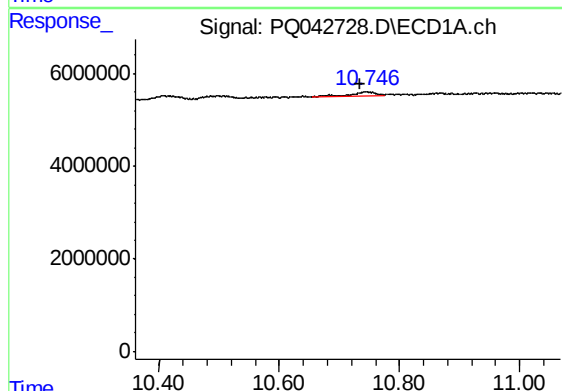
R.T.: 10.486 min
Delta R.T.: -0.010 min
Response: 870727
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



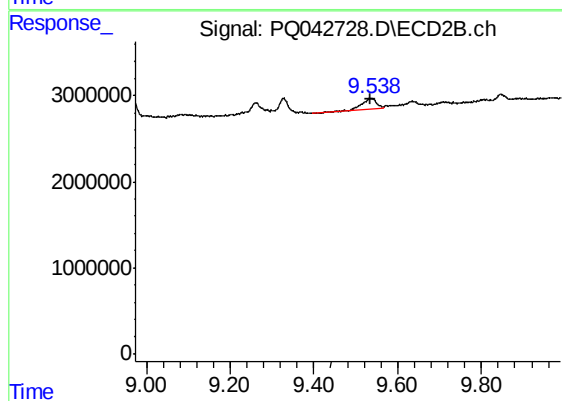
#42 AR-1268-2

R.T.: 9.328 min
Delta R.T.: 0.003 min
Response: 3481146
Conc: 3.71 ng/ml



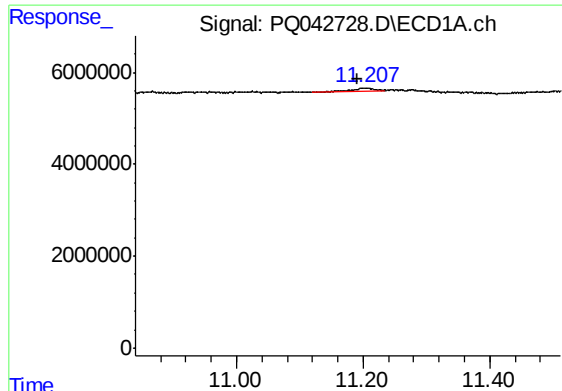
#43 AR-1268-3

R.T.: 10.746 min
Delta R.T.: 0.013 min
Response: 2982267
Conc: 3.68 ng/ml



#43 AR-1268-3

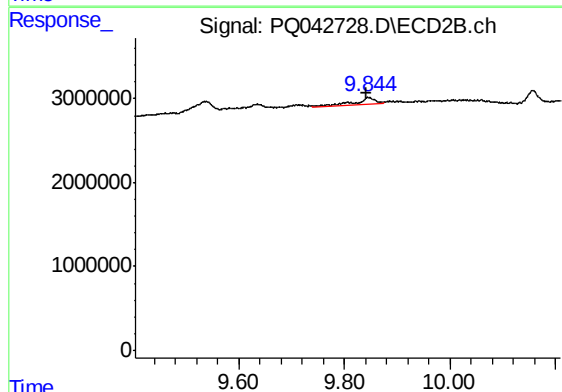
R.T.: 9.538 min
Delta R.T.: 0.003 min
Response: 3089854
Conc: 3.88 ng/ml



#44 AR-1268-4

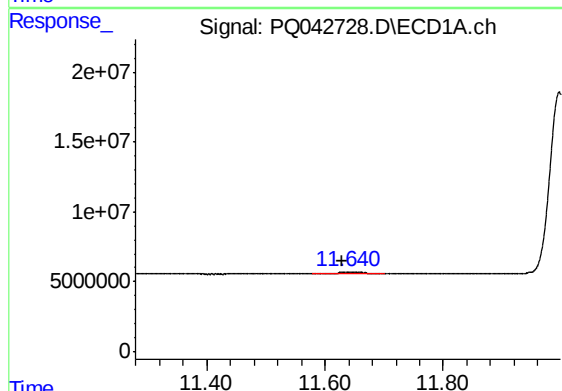
R.T.: 11.208 min
Delta R.T.: 0.018 min
Response: 1492977
Conc: 4.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248312



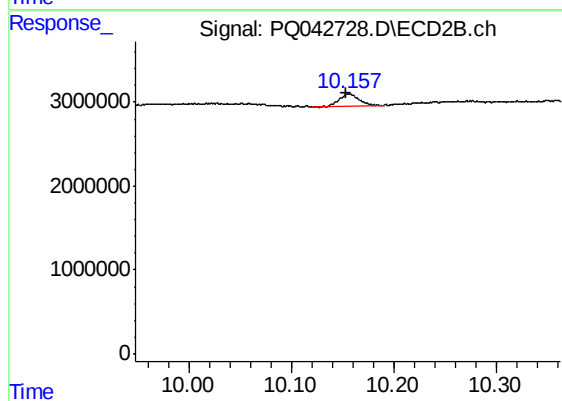
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: 0.002 min
Response: 2127998
Conc: 6.22 ng/ml



#45 AR-1268-5

R.T.: 11.641 min
Delta R.T.: 0.013 min
Response: 4287615
Conc: 1.51 ng/ml



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.003 min
Response: 2022890
Conc: 0.79 ng/ml