

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 16:10
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248308

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 04:43:04 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...	5.628	4.691	72202905	63563117	24.324	25.363
2)	SA Decachlor...	11.987	10.425	304.4E6	259.5E6	40.326	42.493
Target Compounds							
3)	L1 AR-1016-1	7.074	6.140	34488508	35829542	283.418	311.153
4)	L1 AR-1016-2	7.099	6.162	43318795	37477910	235.379	233.464
5)	L1 AR-1016-3	7.169	6.375	21928010	23327175	176.351	272.062 #
6)	L1 AR-1016-4	7.281	6.431	24080896	47507328	272.520	657.914 #
7)	L1 AR-1016-5	7.616	6.681	53799933	58838566	636.160	656.930
9)	L2 AR-1221-2	6.016	5.112	1701231	1625989	69.828	67.566
10)	L2 AR-1221-3	6.114	5.216	4329620	4202128	50.422	50.878
11)	L3 AR-1232-1	6.114	5.216	4329620	4202128	62.420	62.377
12)	L3 AR-1232-2	6.757	6.162	14873337	37477910	404.078	490.613
13)	L3 AR-1232-3	7.099	6.375	43318795	23327175	518.190	574.906
14)	L3 AR-1232-4	7.281	6.479	24080896	48350653	590.608	1215.378 #
15)	L3 AR-1232-5	7.388	6.681	44140821	58838566	1804.685	1483.754
16)	L4 AR-1242-1	7.074	6.140	34488508	35829542	330.474	346.849
17)	L4 AR-1242-2	7.099	6.162	43318795	37477910	284.385	264.471
18)	L4 AR-1242-3	7.169	6.375	21928010	23327175	215.161	308.223 #
19)	L4 AR-1242-4	7.281	6.479	24080896	48350653	313.101	631.418 #
20)	L4 AR-1242-5	8.106	7.092	68117741	95303260	721.932	850.193
21)	L5 AR-1248-1	7.074	6.140	34488508	35829542	413.648	435.879
22)	L5 AR-1248-2	7.388	6.431	44140821	47507328	432.201	431.243
23)	L5 AR-1248-3	7.616	6.479	53799933	48350653	423.959	429.036
24)	L5 AR-1248-4	8.065	6.681	70084938	58838566	422.775	430.685
25)	L5 AR-1248-5	8.106	7.137	68117741	68266124	427.849	433.643
26)	L6 AR-1254-1	8.034	7.092	51512215	95303260	351.070	422.358
27)	L6 AR-1254-2	8.276	7.260	69615865	27263608	290.217	134.831 #
28)	L6 AR-1254-3	8.667	7.707	39610188	45654635	138.939	129.647
29)	L6 AR-1254-4	8.971	7.955	29909402	36880146	125.441	143.721
30)	L6 AR-1254-5	9.410	8.401	8060306	10949941	31.217	30.134
31)	L7 AR-1260-1	8.841	7.862	4019867	23686005	22.802	116.092 #
32)	L7 AR-1260-2	9.108	8.051	7781267	5852610	32.373	21.848 #
33)	L7 AR-1260-3	9.483	8.214	4231102	6760846	19.570	28.364 #
34)	L7 AR-1260-4	9.718	8.713	11006483	1666336	45.326	7.350 #
35)	L7 AR-1260-5	10.068	8.966	3551992	5028616	5.983	8.074 #
36)	L8 AR-1262-1	9.545	8.497	3061815	1353500	21.242	7.907 #
37)	L8 AR-1262-2	10.068	8.966	3551992	5028616	4.721	6.019 #
38)	L8 AR-1262-3	10.415	9.260	4439117	5329891	8.254	14.995 #
39)	L8 AR-1262-4	10.487	9.324	4114219	3439396	9.464	5.334 #
40)	L8 AR-1262-5	11.194	9.843	2885935	1467707	8.414	4.640 #
41)	L9 AR-1268-1	10.415	9.260	4439117	5329891	4.643	5.309
42)	L9 AR-1268-2	10.487	9.324	4114219	3439396	4.417	3.663
43)	L9 AR-1268-3	10.739	9.535	5241560	3304251	6.469	4.148 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
Data File : PQ042664.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2019 16:10
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

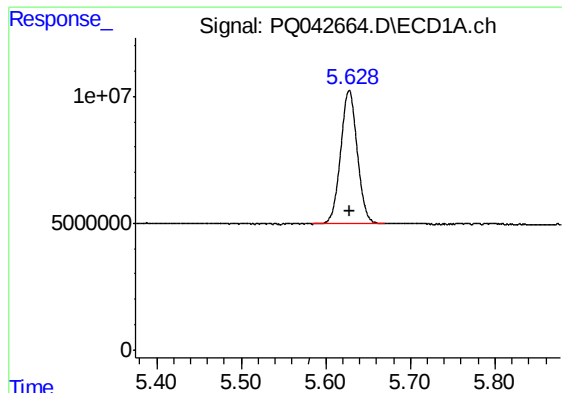
Instrument :
ECD_Q
ClientSampleId :
AR1248308

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 04:43:04 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	11.194	9.843	2885935	1467707	7.778	4.289 #
45)	L9 AR-1268-5	11.636	10.154	5573327	2416204	1.969	0.943 #

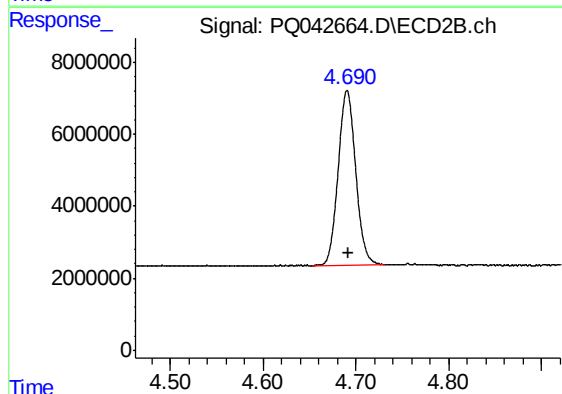
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

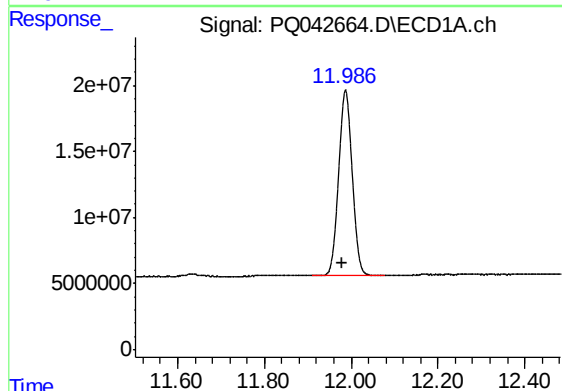
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 72202905
Conc: 24.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



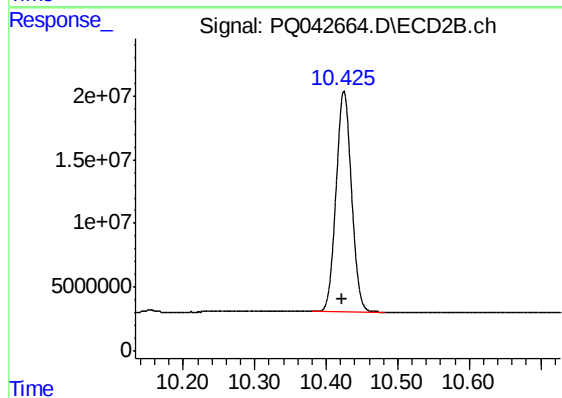
#1 Tetrachloro-m-xylene

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 63563117
Conc: 25.36 ng/ml



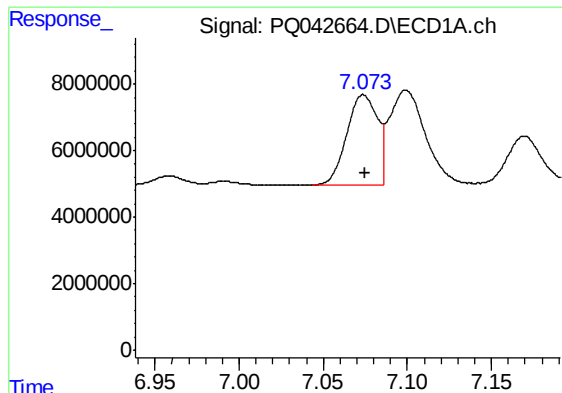
#2 Decachlorobiphenyl

R.T.: 11.987 min
Delta R.T.: 0.009 min
Response: 304412033
Conc: 40.33 ng/ml



#2 Decachlorobiphenyl

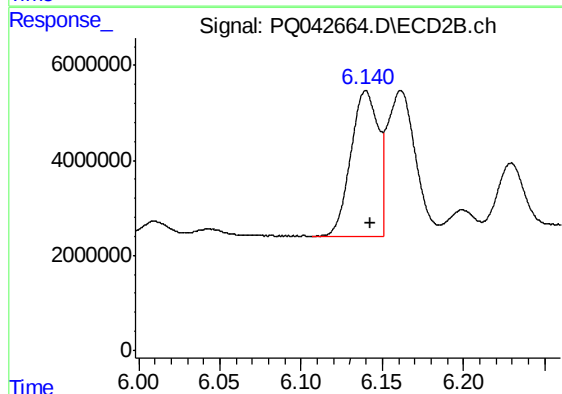
R.T.: 10.425 min
Delta R.T.: 0.003 min
Response: 259483222
Conc: 42.49 ng/ml



#3 AR-1016-1

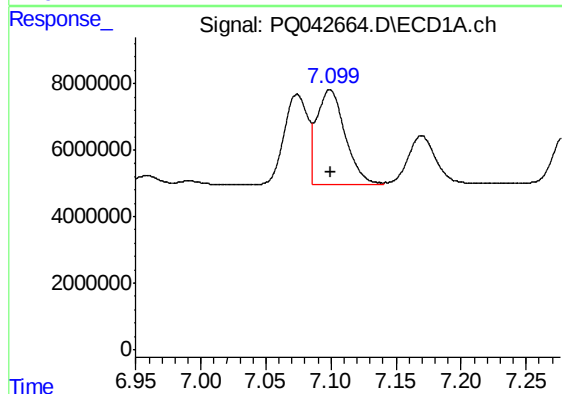
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 34488508
Conc: 283.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



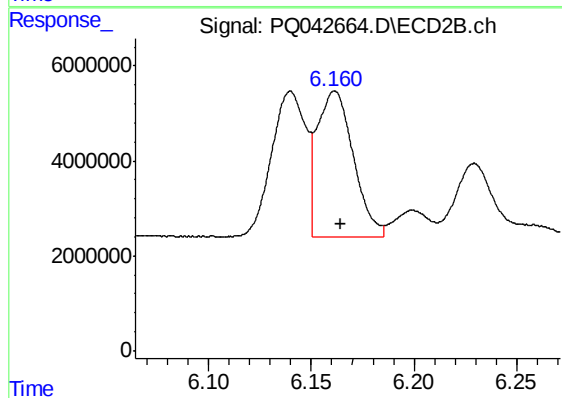
#3 AR-1016-1

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 35829542
Conc: 311.15 ng/ml



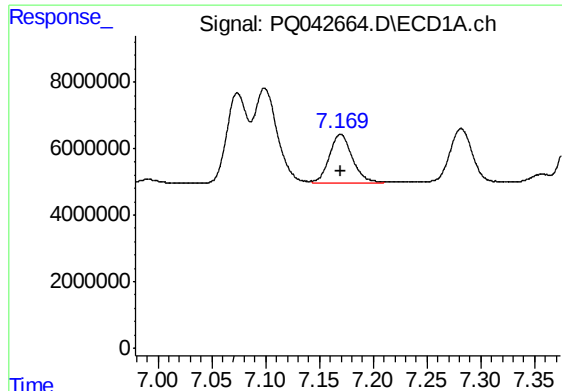
#4 AR-1016-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 43318795
Conc: 235.38 ng/ml



#4 AR-1016-2

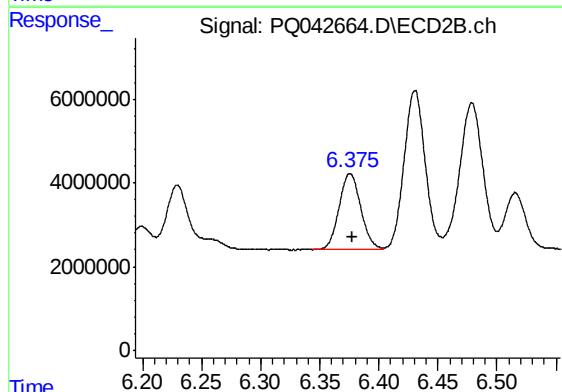
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 37477910
Conc: 233.46 ng/ml



#5 AR-1016-3

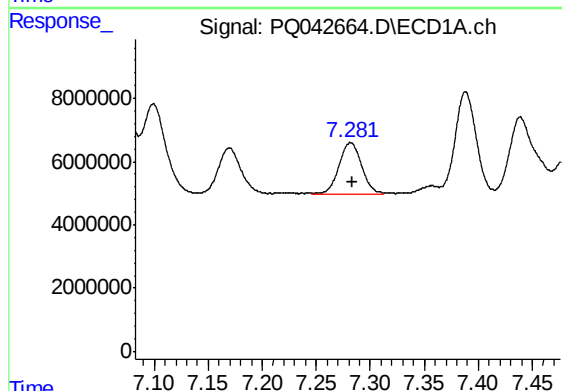
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 21928010
Conc: 176.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



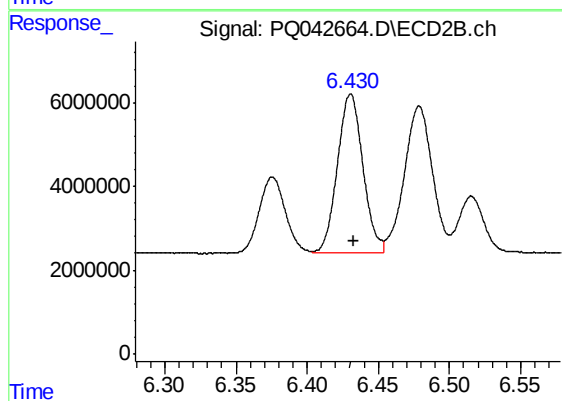
#5 AR-1016-3

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 23327175
Conc: 272.06 ng/ml



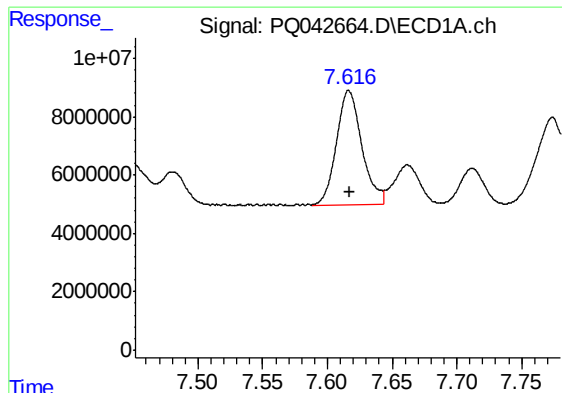
#6 AR-1016-4

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 24080896
Conc: 272.52 ng/ml



#6 AR-1016-4

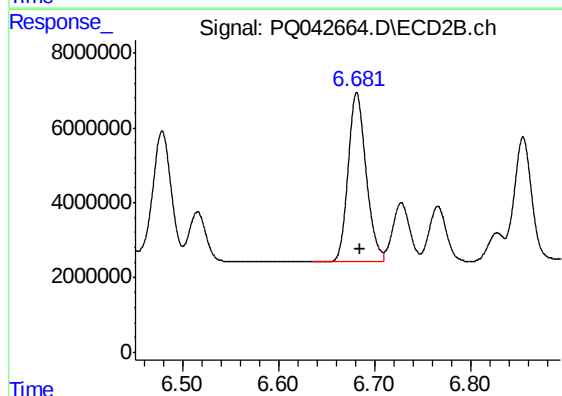
R.T.: 6.431 min
Delta R.T.: -0.002 min
Response: 47507328
Conc: 657.91 ng/ml



#7 AR-1016-5

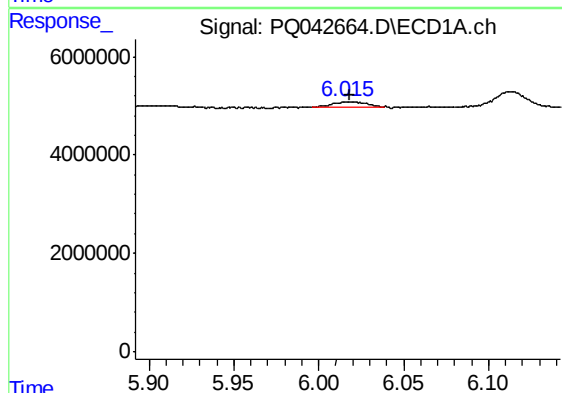
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 53799933
Conc: 636.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



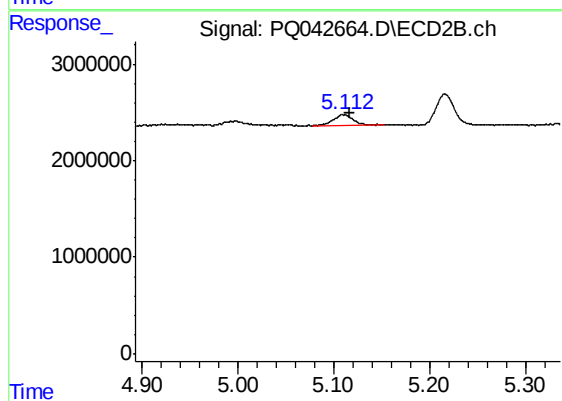
#7 AR-1016-5

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 58838566
Conc: 656.93 ng/ml



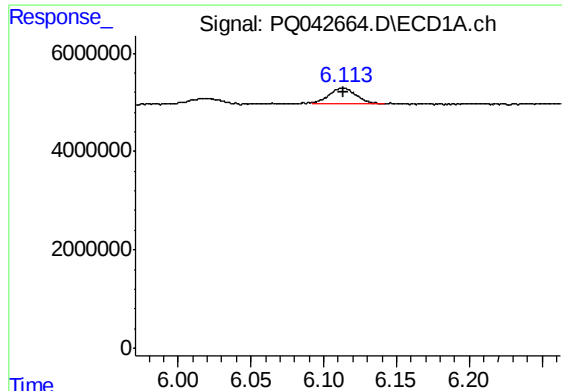
#9 AR-1221-2

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 1701231
Conc: 69.83 ng/ml



#9 AR-1221-2

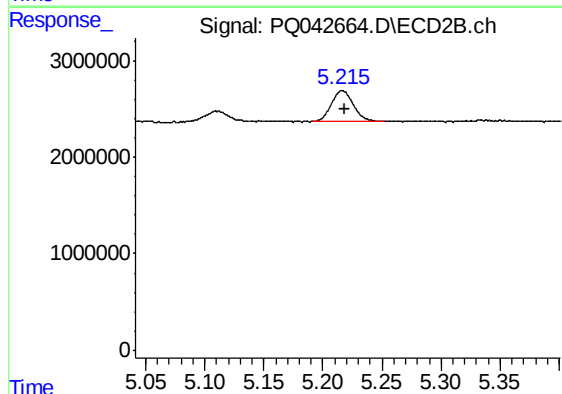
R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 1625989
Conc: 67.57 ng/ml



#10 AR-1221-3

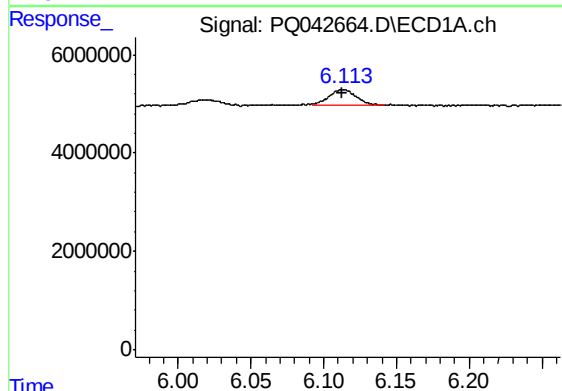
R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 4329620
Conc: 50.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



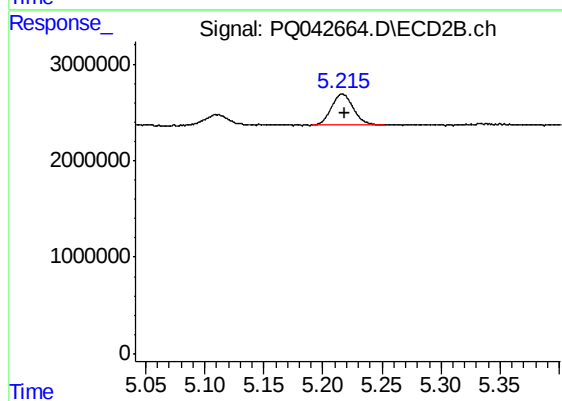
#10 AR-1221-3

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 4202128
Conc: 50.88 ng/ml



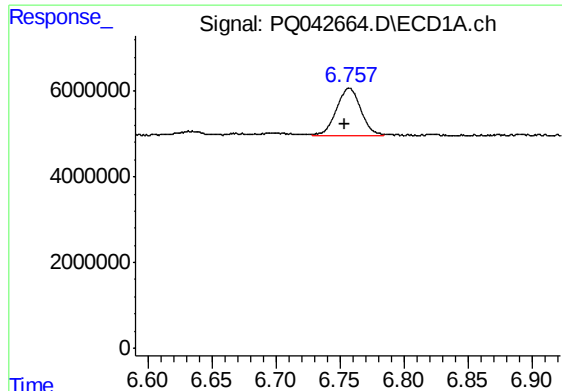
#11 AR-1232-1

R.T.: 6.114 min
Delta R.T.: 0.001 min
Response: 4329620
Conc: 62.42 ng/ml



#11 AR-1232-1

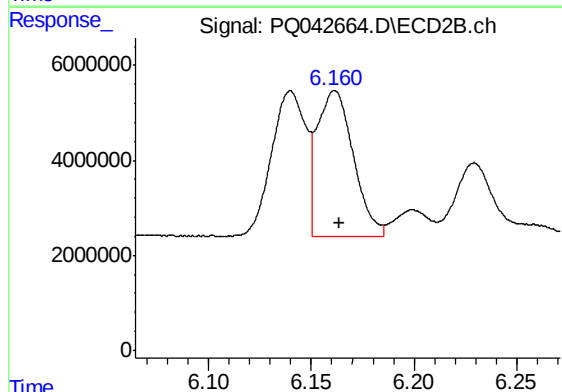
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 4202128
Conc: 62.38 ng/ml



#12 AR-1232-2

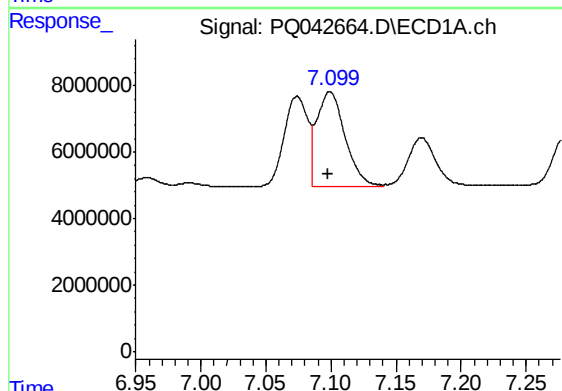
R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 14873337
Conc: 404.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



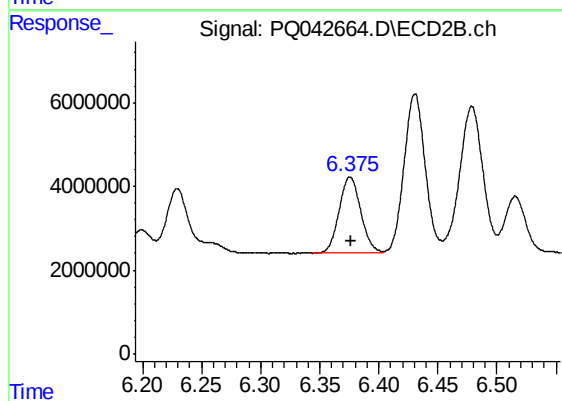
#12 AR-1232-2

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 37477910
Conc: 490.61 ng/ml



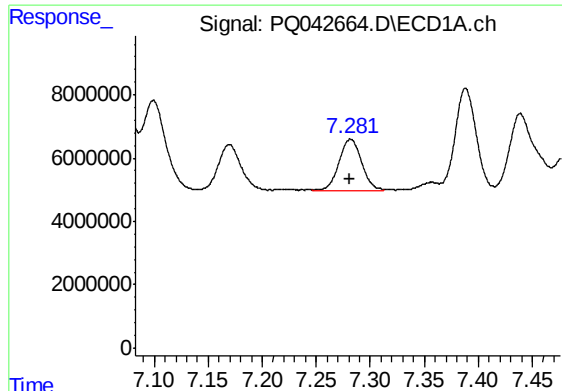
#13 AR-1232-3

R.T.: 7.099 min
Delta R.T.: 0.001 min
Response: 43318795
Conc: 518.19 ng/ml



#13 AR-1232-3

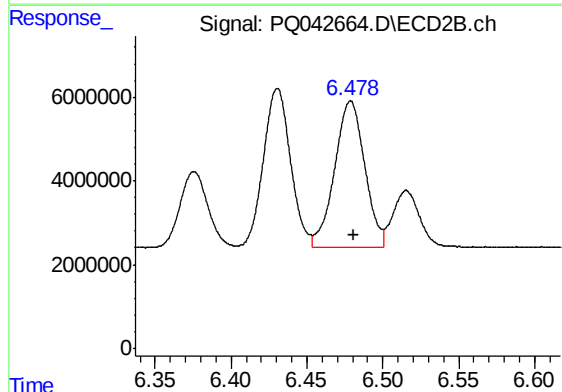
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 23327175
Conc: 574.91 ng/ml



#14 AR-1232-4

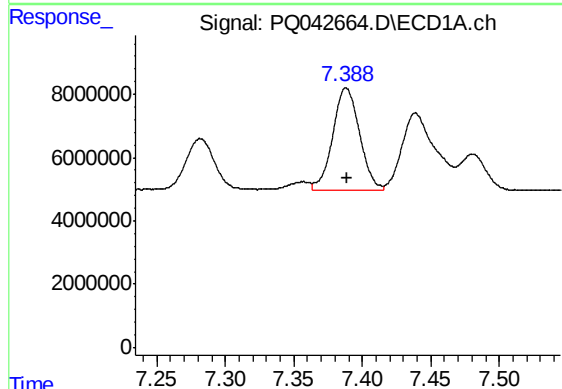
R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 24080896
Conc: 590.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



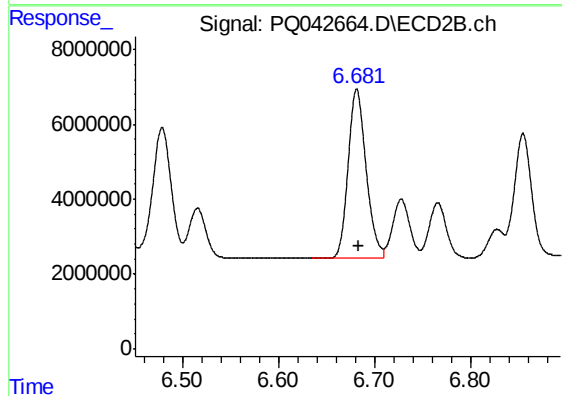
#14 AR-1232-4

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 48350653
Conc: 1215.38 ng/ml



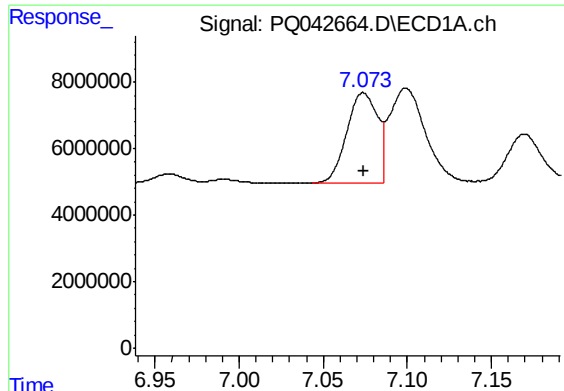
#15 AR-1232-5

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 44140821
Conc: 1804.69 ng/ml



#15 AR-1232-5

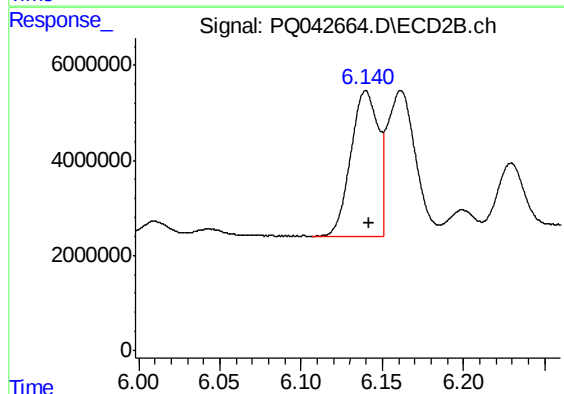
R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 58838566
Conc: 1483.75 ng/ml



#16 AR-1242-1

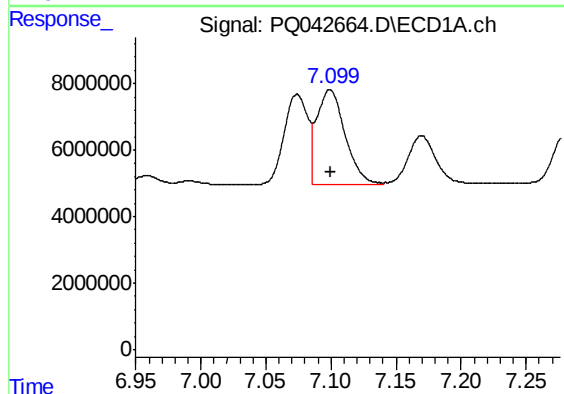
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 34488508
Conc: 330.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



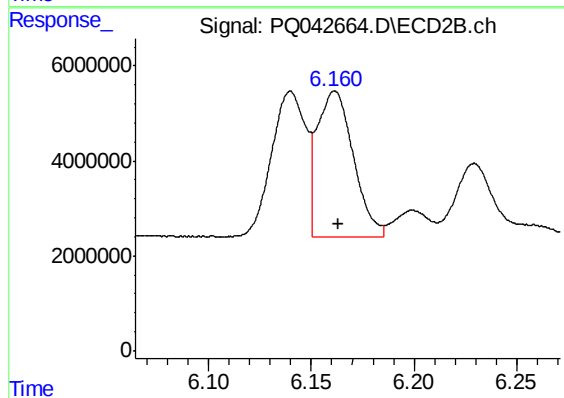
#16 AR-1242-1

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 35829542
Conc: 346.85 ng/ml



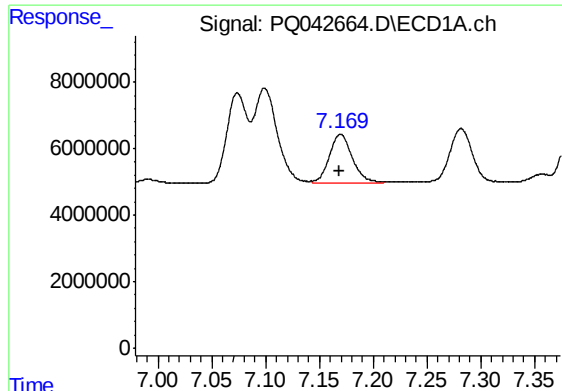
#17 AR-1242-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 43318795
Conc: 284.39 ng/ml



#17 AR-1242-2

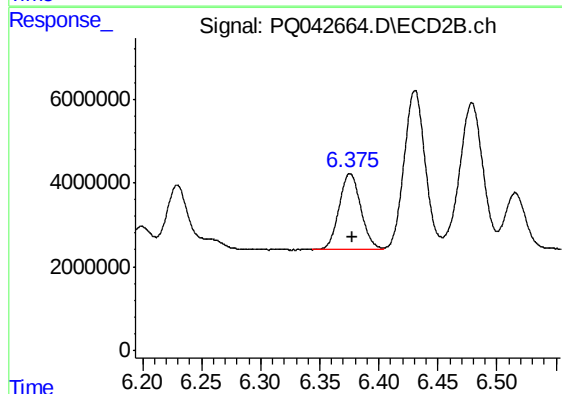
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 37477910
Conc: 264.47 ng/ml



#18 AR-1242-3

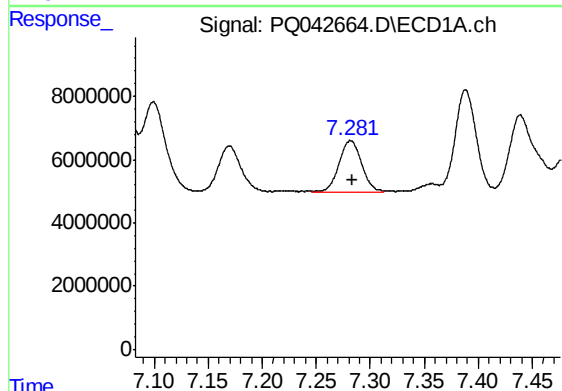
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 21928010
Conc: 215.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



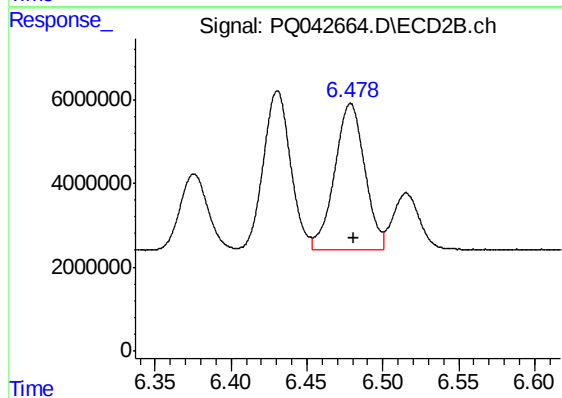
#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 23327175
Conc: 308.22 ng/ml



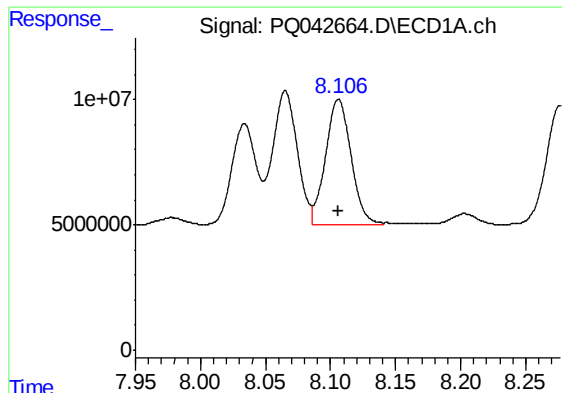
#19 AR-1242-4

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 24080896
Conc: 313.10 ng/ml



#19 AR-1242-4

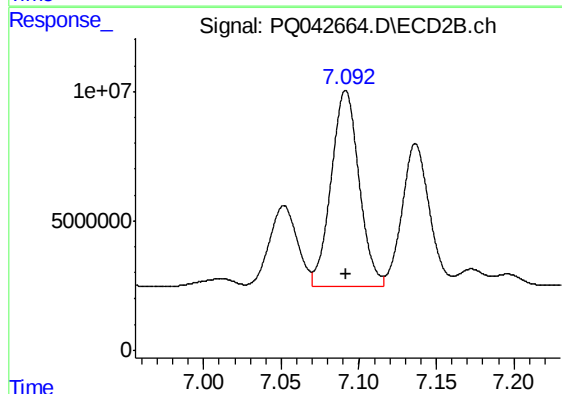
R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 48350653
Conc: 631.42 ng/ml



#20 AR-1242-5

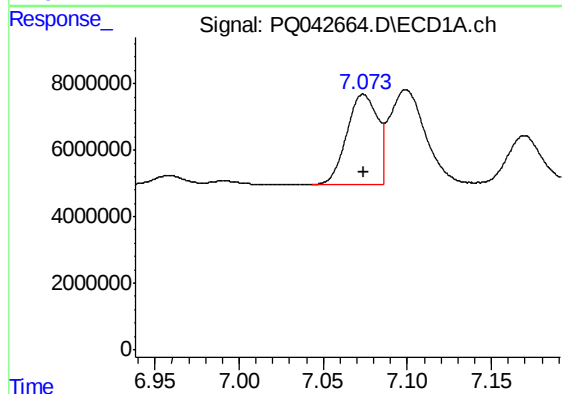
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 68117741
Conc: 721.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



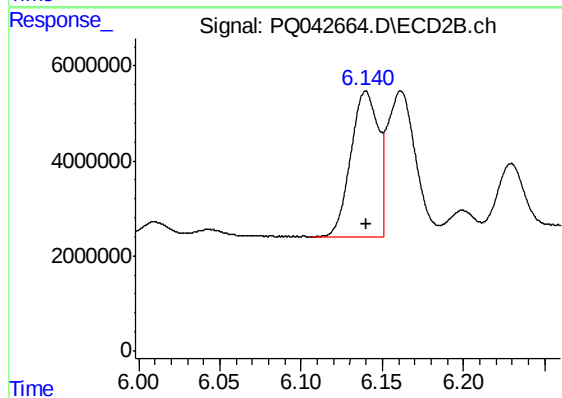
#20 AR-1242-5

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 95303260
Conc: 850.19 ng/ml



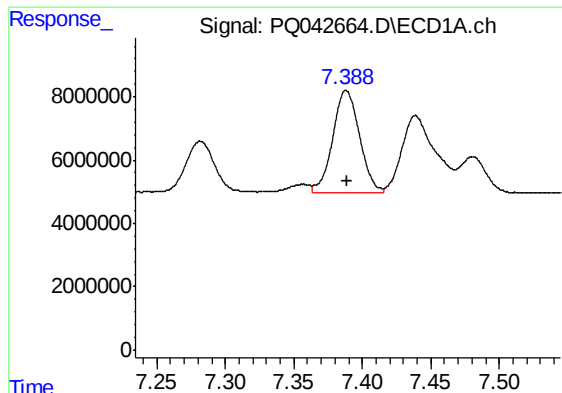
#21 AR-1248-1

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 34488508
Conc: 413.65 ng/ml



#21 AR-1248-1

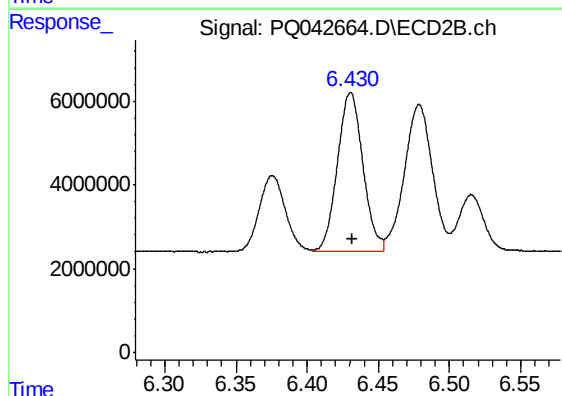
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 35829542
Conc: 435.88 ng/ml



#22 AR-1248-2

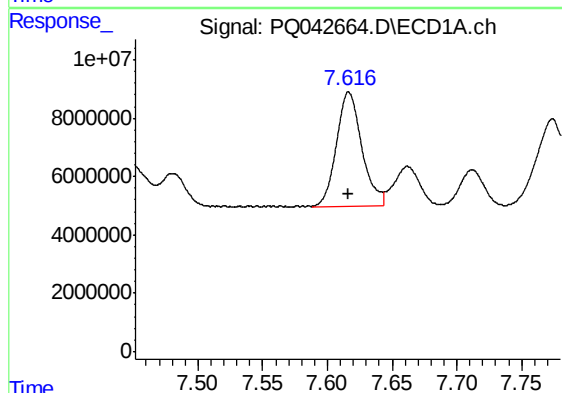
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 44140821
Conc: 432.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



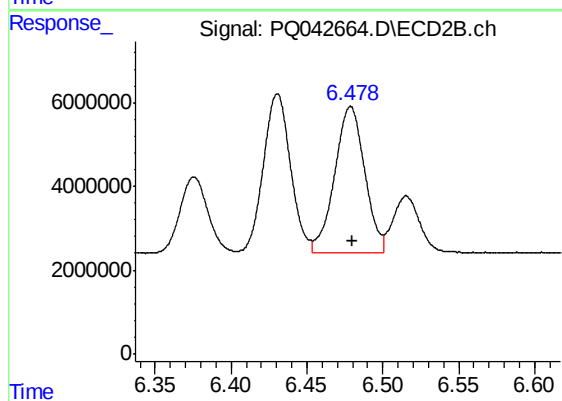
#22 AR-1248-2

R.T.: 6.431 min
Delta R.T.: -0.001 min
Response: 47507328
Conc: 431.24 ng/ml



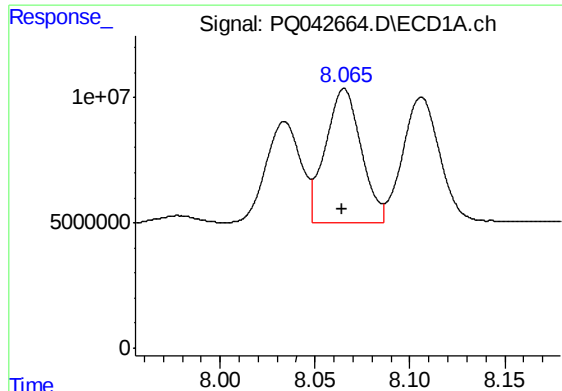
#23 AR-1248-3

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 53799933
Conc: 423.96 ng/ml



#23 AR-1248-3

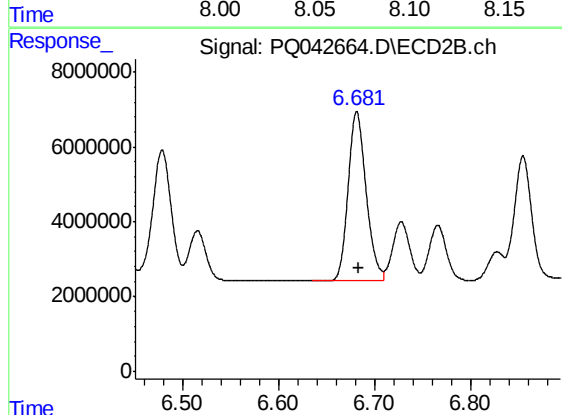
R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 48350653
Conc: 429.04 ng/ml



#24 AR-1248-4

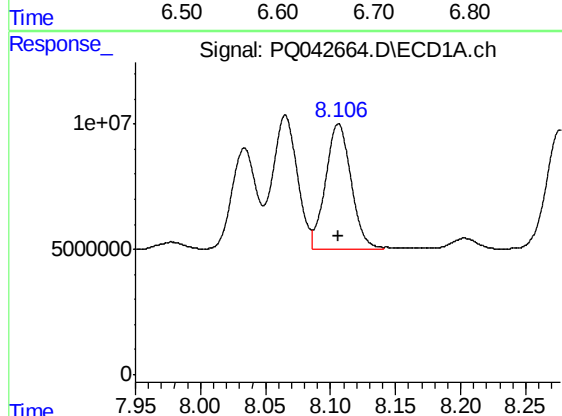
R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 70084938
Conc: 422.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



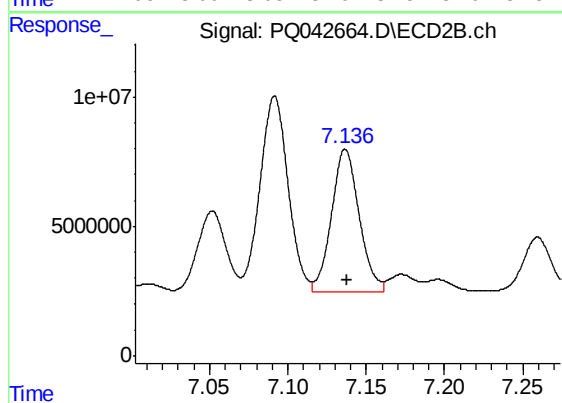
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 58838566
Conc: 430.68 ng/ml



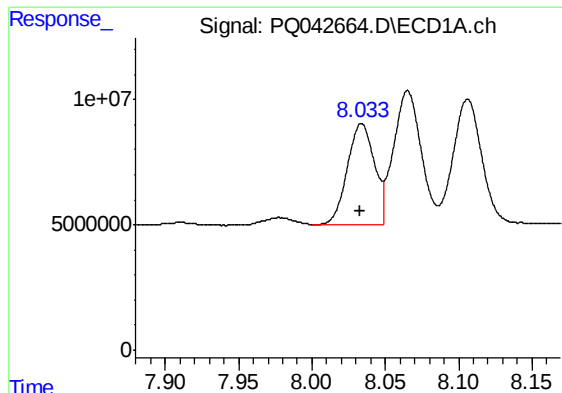
#25 AR-1248-5

R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 68117741
Conc: 427.85 ng/ml



#25 AR-1248-5

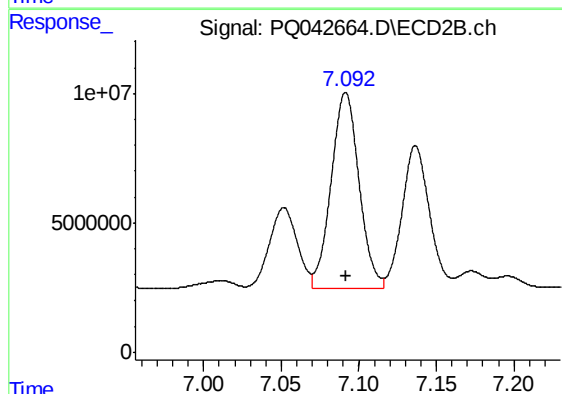
R.T.: 7.137 min
Delta R.T.: -0.002 min
Response: 68266124
Conc: 433.64 ng/ml



#26 AR-1254-1

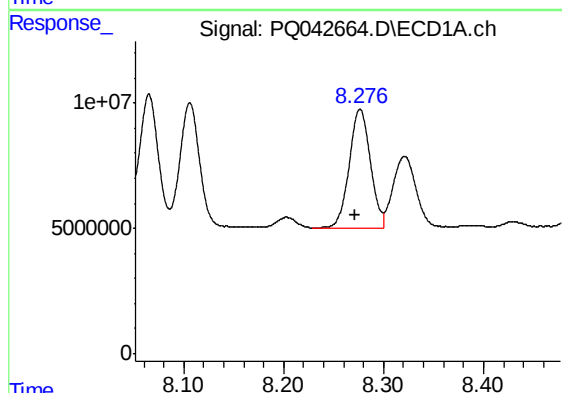
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 51512215
Conc: 351.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



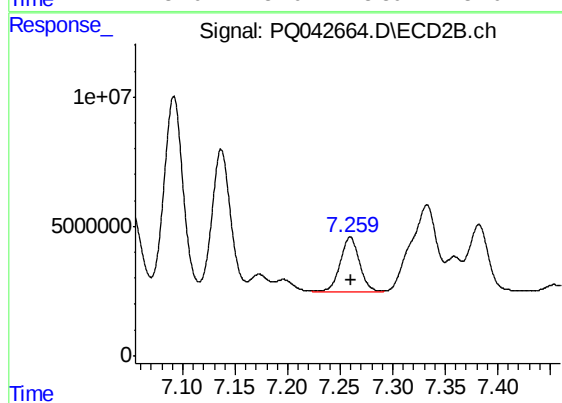
#26 AR-1254-1

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 95303260
Conc: 422.36 ng/ml



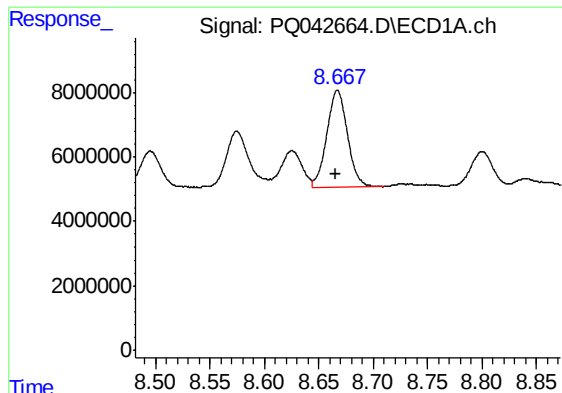
#27 AR-1254-2

R.T.: 8.276 min
Delta R.T.: 0.005 min
Response: 69615865
Conc: 290.22 ng/ml



#27 AR-1254-2

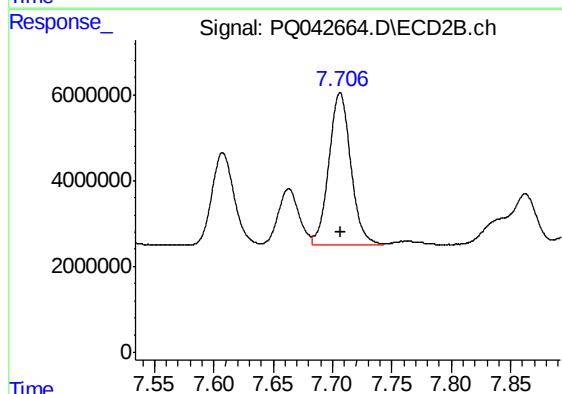
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 27263608
Conc: 134.83 ng/ml



#28 AR-1254-3

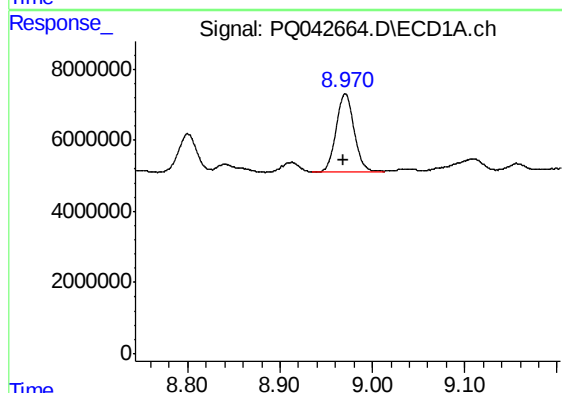
R.T.: 8.667 min
Delta R.T.: 0.001 min
Response: 39610188
Conc: 138.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



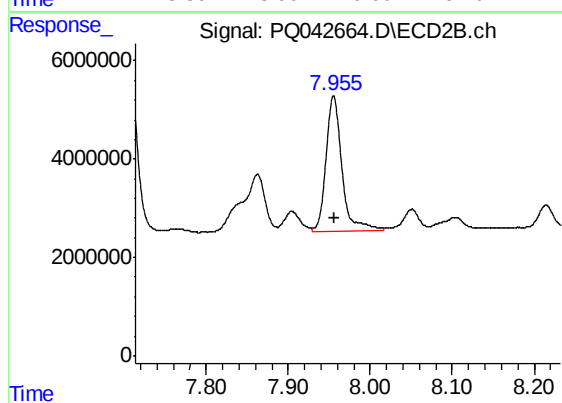
#28 AR-1254-3

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 45654635
Conc: 129.65 ng/ml



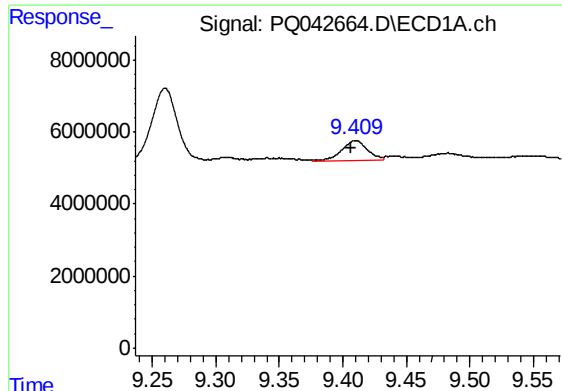
#29 AR-1254-4

R.T.: 8.971 min
Delta R.T.: 0.003 min
Response: 29909402
Conc: 125.44 ng/ml



#29 AR-1254-4

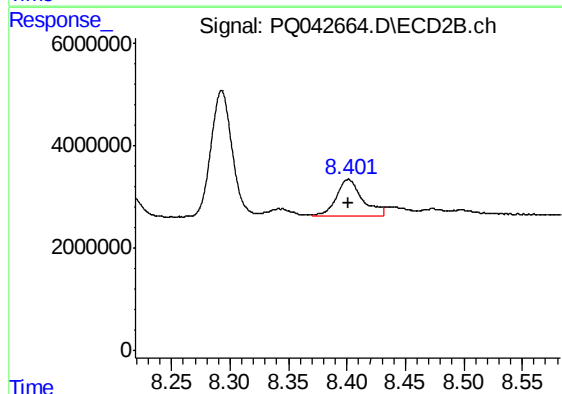
R.T.: 7.955 min
Delta R.T.: -0.001 min
Response: 36880146
Conc: 143.72 ng/ml



#30 AR-1254-5

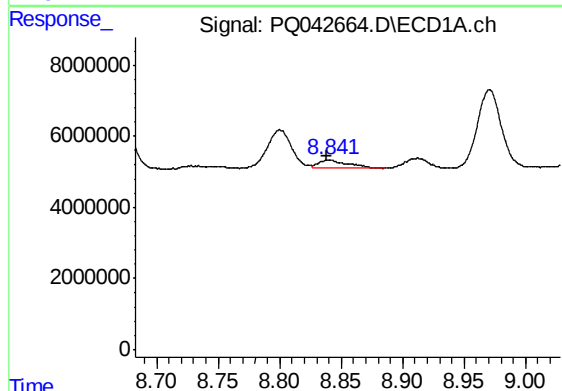
R.T.: 9.410 min
Delta R.T.: 0.004 min
Response: 8060306
Conc: 31.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



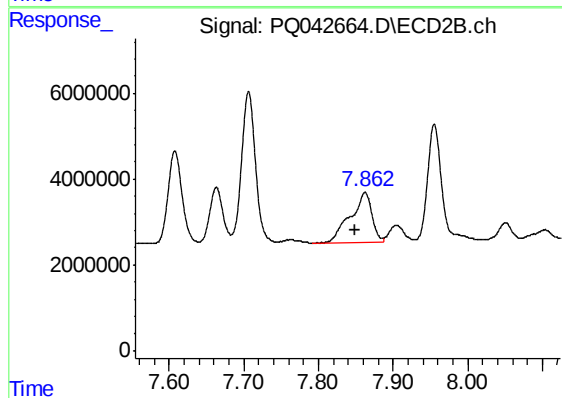
#30 AR-1254-5

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 10949941
Conc: 30.13 ng/ml



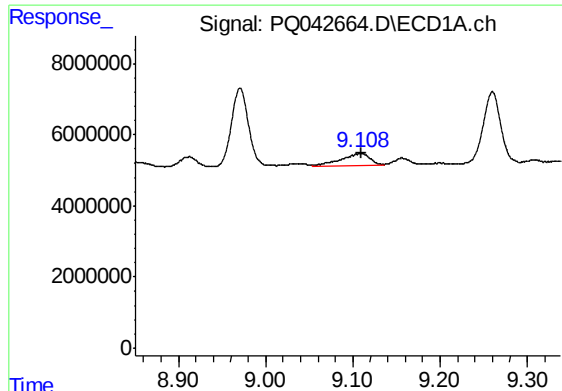
#31 AR-1260-1

R.T.: 8.841 min
Delta R.T.: 0.003 min
Response: 4019867
Conc: 22.80 ng/ml



#31 AR-1260-1

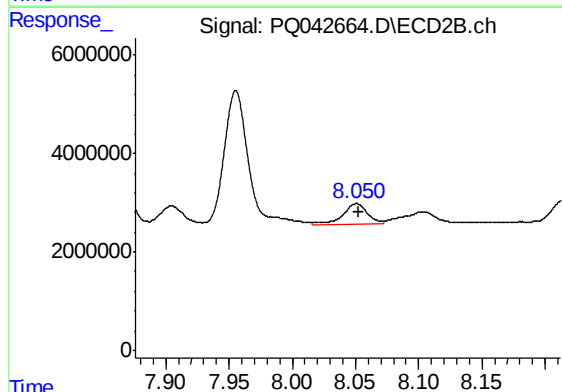
R.T.: 7.862 min
Delta R.T.: 0.013 min
Response: 23686005
Conc: 116.09 ng/ml



#32 AR-1260-2

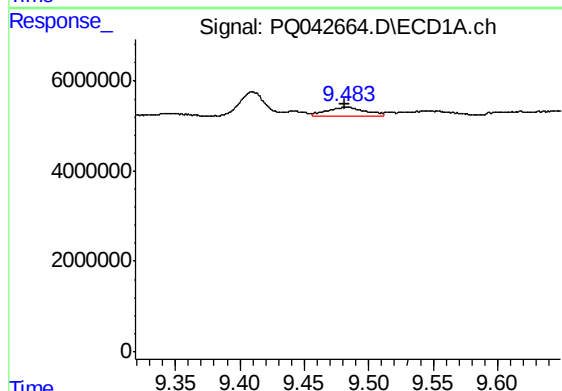
R.T.: 9.108 min
Delta R.T.: -0.001 min
Response: 7781267
Conc: 32.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



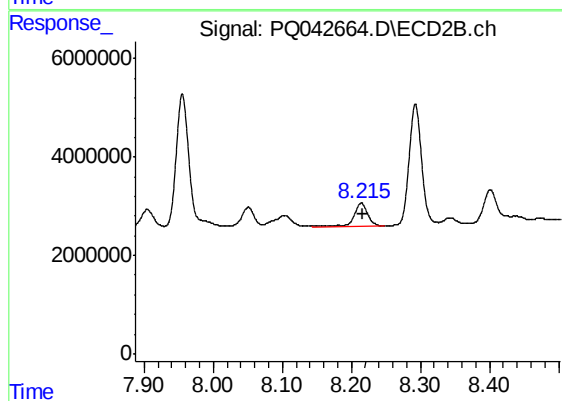
#32 AR-1260-2

R.T.: 8.051 min
Delta R.T.: -0.001 min
Response: 5852610
Conc: 21.85 ng/ml



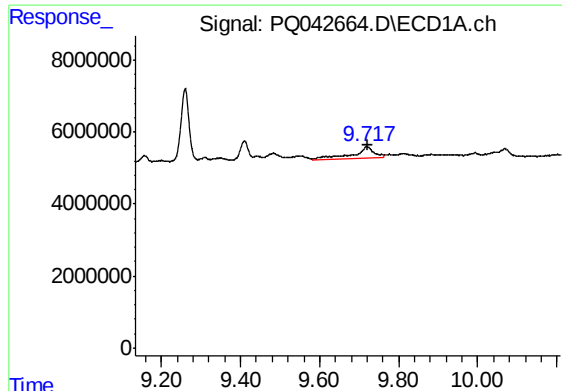
#33 AR-1260-3

R.T.: 9.483 min
Delta R.T.: 0.002 min
Response: 4231102
Conc: 19.57 ng/ml



#33 AR-1260-3

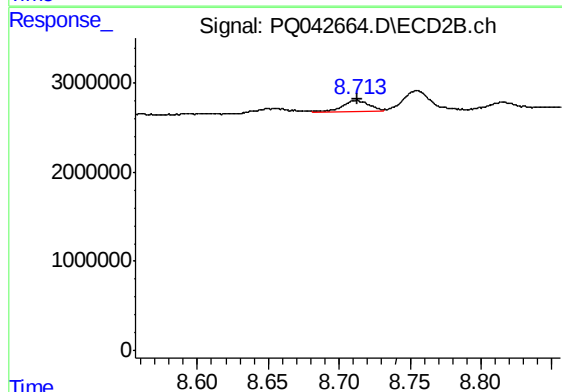
R.T.: 8.214 min
Delta R.T.: -0.001 min
Response: 6760846
Conc: 28.36 ng/ml



#34 AR-1260-4

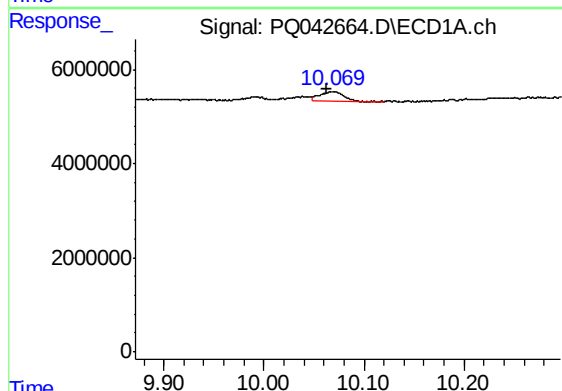
R.T.: 9.718 min
Delta R.T.: -0.004 min
Response: 11006483
Conc: 45.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



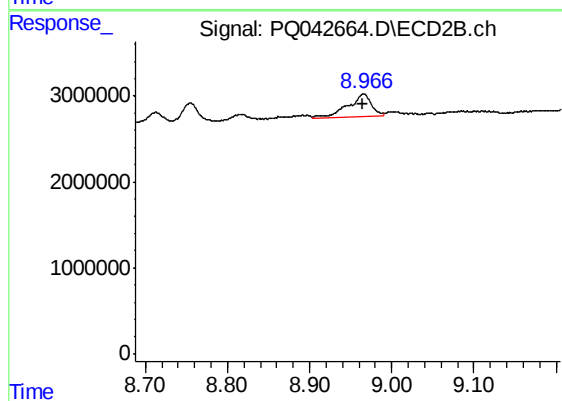
#34 AR-1260-4

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 1666336
Conc: 7.35 ng/ml



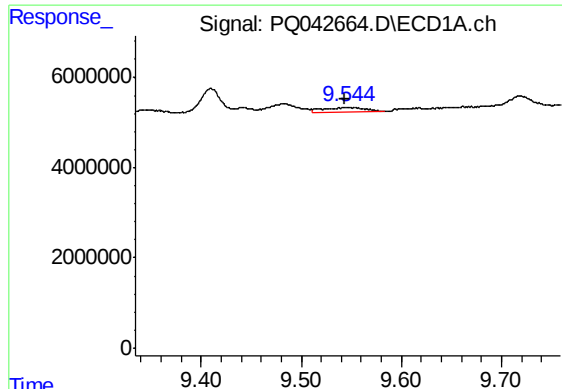
#35 AR-1260-5

R.T.: 10.068 min
Delta R.T.: 0.005 min
Response: 3551992
Conc: 5.98 ng/ml



#35 AR-1260-5

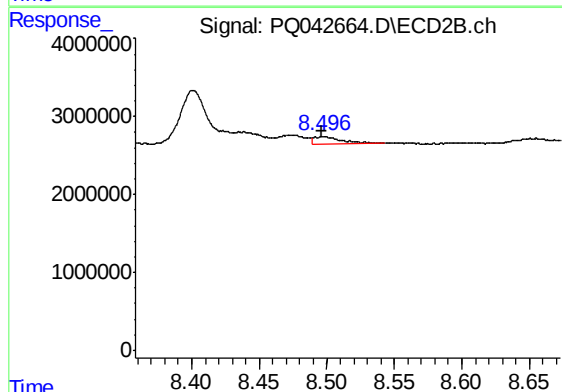
R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 5028616
Conc: 8.07 ng/ml



#36 AR-1262-1

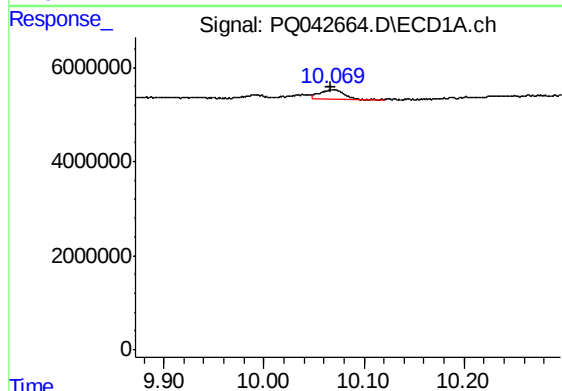
R.T.: 9.545 min
Delta R.T.: 0.002 min
Response: 3061815
Conc: 21.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



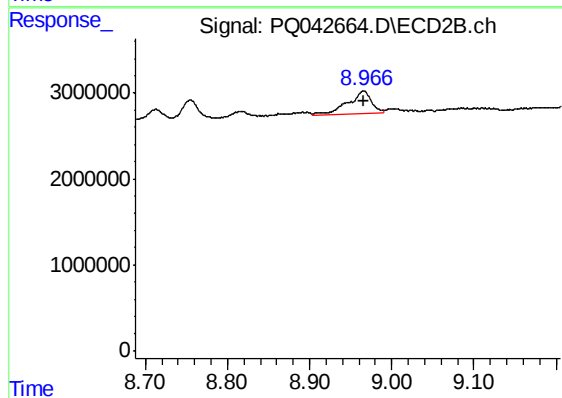
#36 AR-1262-1

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 1353500
Conc: 7.91 ng/ml



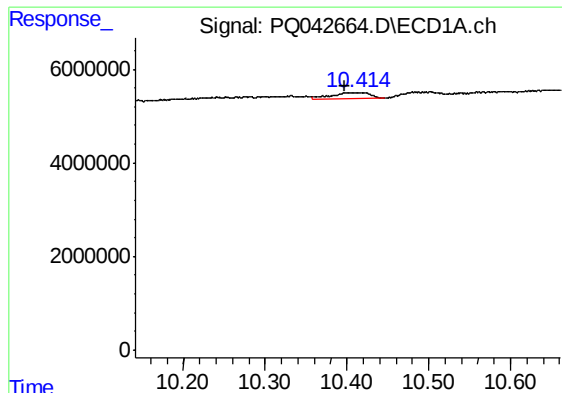
#37 AR-1262-2

R.T.: 10.068 min
Delta R.T.: 0.002 min
Response: 3551992
Conc: 4.72 ng/ml



#37 AR-1262-2

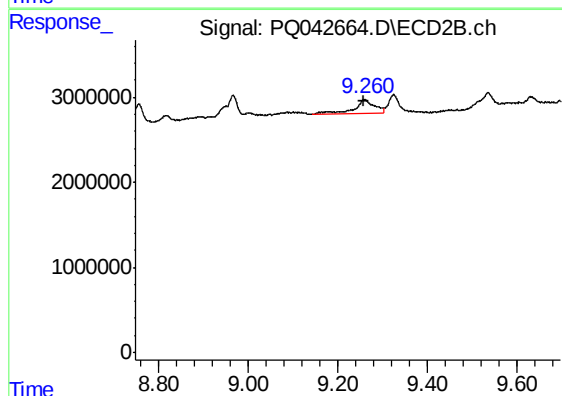
R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 5028616
Conc: 6.02 ng/ml



#38 AR-1262-3

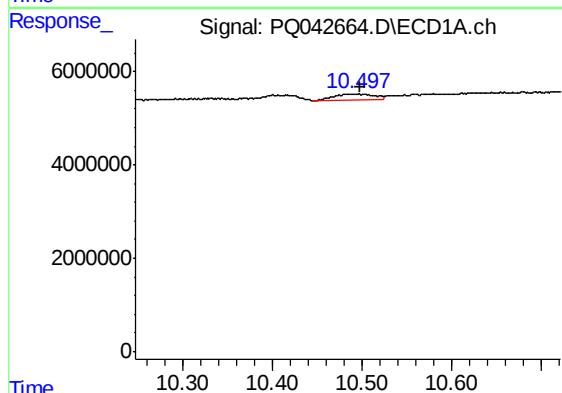
R.T.: 10.415 min
Delta R.T.: 0.017 min
Response: 4439117
Conc: 8.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



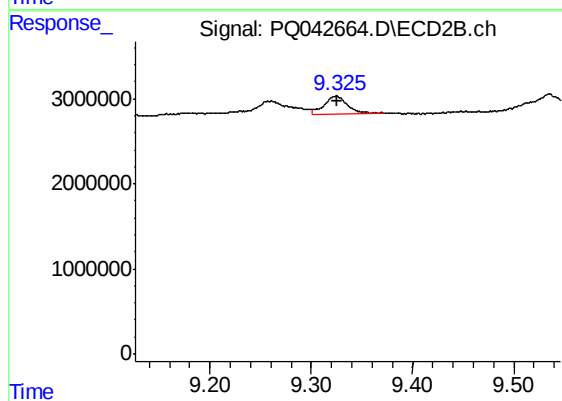
#38 AR-1262-3

R.T.: 9.260 min
Delta R.T.: 0.002 min
Response: 5329891
Conc: 15.00 ng/ml



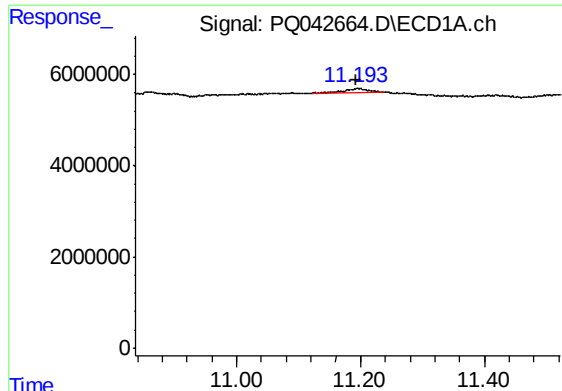
#39 AR-1262-4

R.T.: 10.487 min
Delta R.T.: -0.010 min
Response: 4114219
Conc: 9.46 ng/ml



#39 AR-1262-4

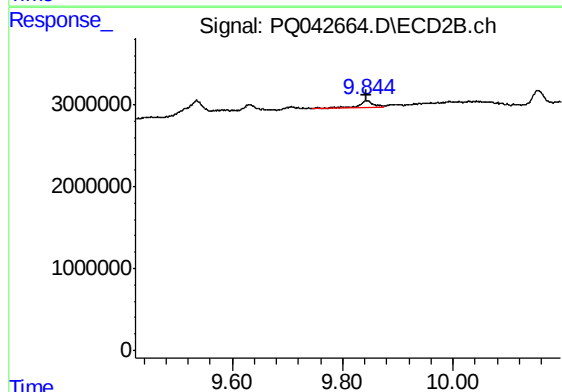
R.T.: 9.324 min
Delta R.T.: -0.002 min
Response: 3439396
Conc: 5.33 ng/ml



#40 AR-1262-5

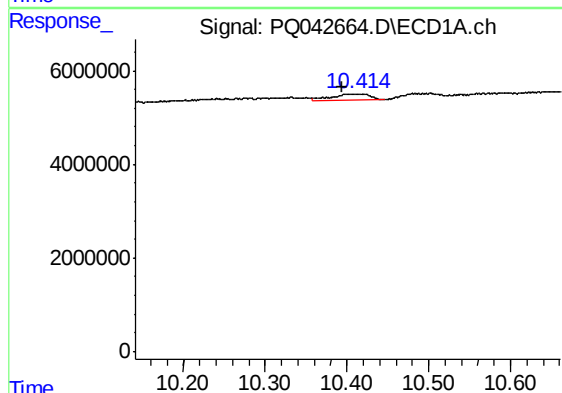
R.T.: 11.194 min
Delta R.T.: 0.002 min
Response: 2885935
Conc: 8.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



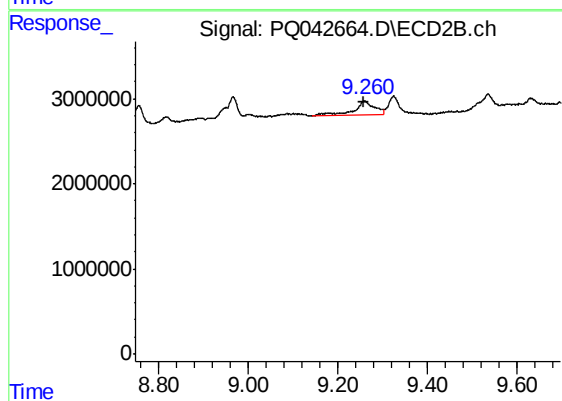
#40 AR-1262-5

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 1467707
Conc: 4.64 ng/ml



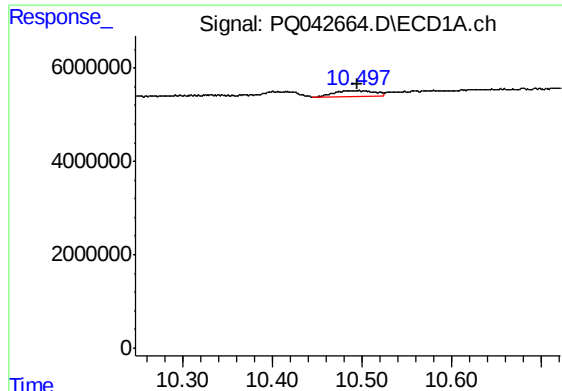
#41 AR-1268-1

R.T.: 10.415 min
Delta R.T.: 0.021 min
Response: 4439117
Conc: 4.64 ng/ml



#41 AR-1268-1

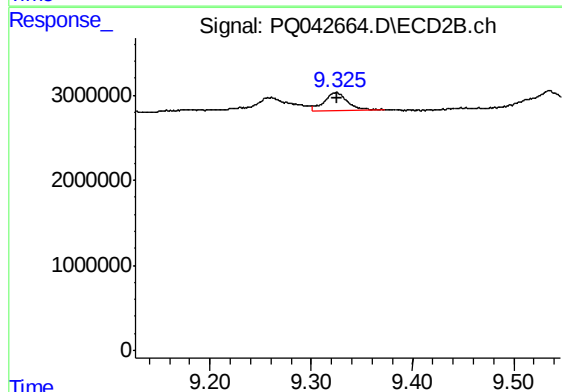
R.T.: 9.260 min
Delta R.T.: 0.003 min
Response: 5329891
Conc: 5.31 ng/ml



#42 AR-1268-2

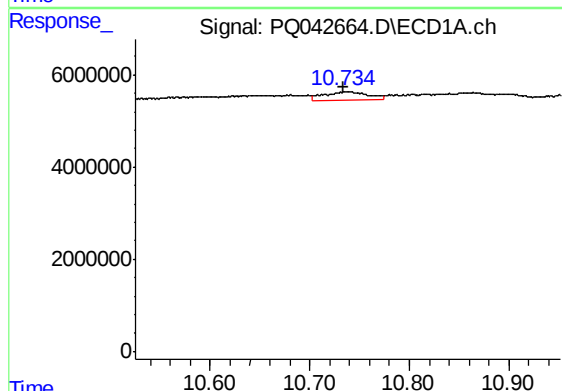
R.T.: 10.487 min
Delta R.T.: -0.008 min
Response: 4114219
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



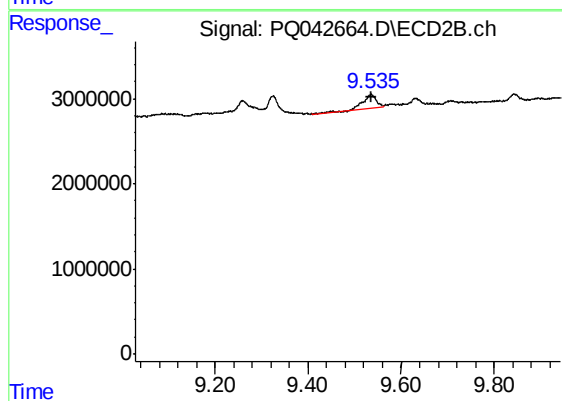
#42 AR-1268-2

R.T.: 9.324 min
Delta R.T.: -0.001 min
Response: 3439396
Conc: 3.66 ng/ml



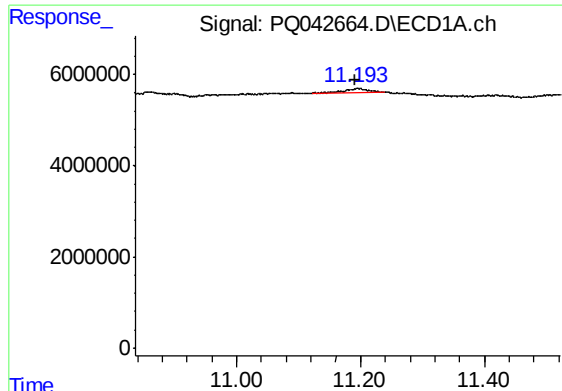
#43 AR-1268-3

R.T.: 10.739 min
Delta R.T.: 0.005 min
Response: 5241560
Conc: 6.47 ng/ml



#43 AR-1268-3

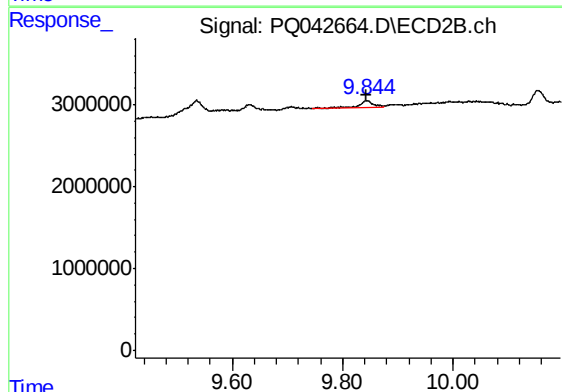
R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 3304251
Conc: 4.15 ng/ml



#44 AR-1268-4

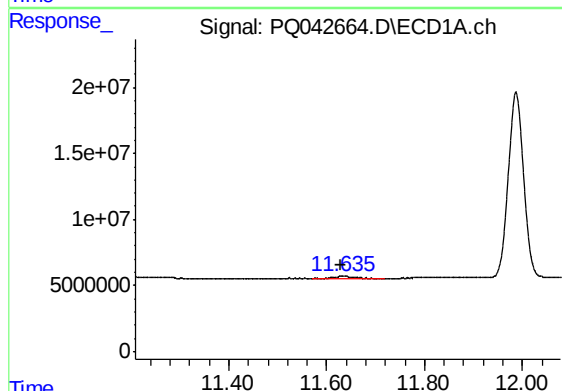
R.T.: 11.194 min
Delta R.T.: 0.004 min
Response: 2885935
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248308



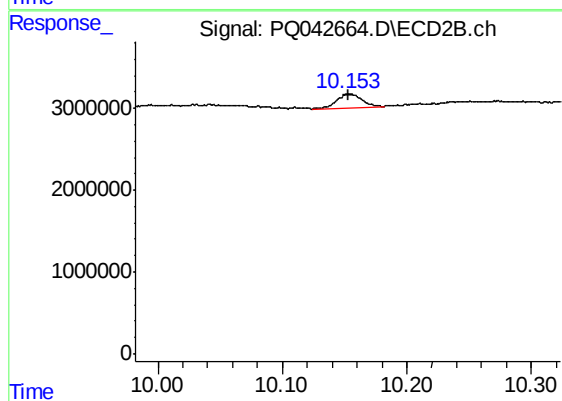
#44 AR-1268-4

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 1467707
Conc: 4.29 ng/ml



#45 AR-1268-5

R.T.: 11.636 min
Delta R.T.: 0.008 min
Response: 5573327
Conc: 1.97 ng/ml



#45 AR-1268-5

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 2416204
Conc: 0.94 ng/ml