

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 00:59
 Operator : SM\AJ
 Sample : K4456-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ18

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 08:40:06 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...	5.627	4.690	37731304	33271640	12.711	13.276
2)	SA Decachlor...	11.980	10.420	123.9E6	105.2E6	16.414	17.230
Target Compounds							
3)	L1 AR-1016-1	7.074	6.138	1196529	1349939	9.833	11.723
4)	L1 AR-1016-2	7.094	6.161	1827157	1799184	9.928	11.208
5)	L1 AR-1016-3	7.175	6.367	635820	515528	5.113	6.013
6)	L1 AR-1016-4	7.250	6.430	7577067	2057108	85.749	28.488 #
7)	L1 AR-1016-5	7.620	6.686	901939	2673171	10.665	29.846 #
10)	L2 AR-1221-3	0.000	5.216	0	836783	N.D.	10.132 #
11)	L3 AR-1232-1	0.000	5.216	0	836783	N.D.	12.421 #
12)	L3 AR-1232-2	6.717	6.161	823840	1799184	22.382	23.553
13)	L3 AR-1232-3	7.094	6.367	1827157	515528	21.857	12.705 #
14)	L3 AR-1232-4	7.250	6.478	7577067	2224111	185.835	55.907 #
15)	L3 AR-1232-5	7.387	6.686	2656878	2673171	108.626	67.410 #
16)	L4 AR-1242-1	7.074	6.138	1196529	1349939	11.465	13.068
17)	L4 AR-1242-2	7.094	6.161	1827157	1799184	11.995	12.696
18)	L4 AR-1242-3	7.175	6.367	635820	515528	6.239	6.812
19)	L4 AR-1242-4	7.250	6.478	7577067	2224111	98.517	29.045 #
20)	L4 AR-1242-5	8.065	7.092	36972662	15067312	391.847	134.414 #
21)	L5 AR-1248-1	7.074	6.138	1196529	1349939	14.351	16.422
22)	L5 AR-1248-2	7.387	6.430	2656878	2057108	26.015	18.673 #
23)	L5 AR-1248-3	7.620	6.478	901939	2224111	7.108	19.736 #
24)	L5 AR-1248-4	8.065	6.686	36972662	2673171	223.031	19.567 #
25)	L5 AR-1248-5	8.065	7.138	36972662	4672323	232.226	29.680 #
26)	L6 AR-1254-1	8.011	7.092	1311060	15067312	8.935	66.774 #
27)	L6 AR-1254-2	8.276	7.258	16071152	5665719	66.998	28.020 #
28)	L6 AR-1254-3	8.672	7.705	22259675	7115504	78.079	20.206 #
29)	L6 AR-1254-4	8.966	7.955	2867303	6054506	12.026	23.594 #
30)	L6 AR-1254-5	9.412	8.398	5240603	9420883	20.297	25.926 #
31)	L7 AR-1260-1	8.837	7.846	1505569	7482799	8.540	36.675 #
32)	L7 AR-1260-2	9.103	8.050	29505838	5598791	122.757	20.901 #
33)	L7 AR-1260-3	9.477	8.214	2644348	3211041	12.231	13.471
34)	L7 AR-1260-4	9.718	8.711	2200030	2739821	9.060	12.085 #
35)	L7 AR-1260-5	10.066	8.963	2847355	6992617	4.796	11.228 #
36)	L8 AR-1262-1	9.541	8.498	251153	3537823	1.742	20.667 #
37)	L8 AR-1262-2	10.066	8.963	2847355	6992617	3.784	8.370 #
38)	L8 AR-1262-3	10.394	9.256	1511431	4080371	2.810	11.480 #
39)	L8 AR-1262-4	10.491	9.322	3464833	5428005	7.970	8.418
40)	L8 AR-1262-5	11.190	9.839	2230613	3129318	6.503	9.892 #
41)	L9 AR-1268-1	10.394	9.256	1511431	4080371	1.581	4.065 #
42)	L9 AR-1268-2	10.491	9.322	3464833	5428005	3.720	5.781 #
43)	L9 AR-1268-3	10.727	9.534	-7761	8459074	N.D.	10.620 #
44)	L9 AR-1268-4	11.190	9.839	2230613	3129318	6.012	9.144 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 00:59
Operator : SM\AJ
Sample : K4456-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

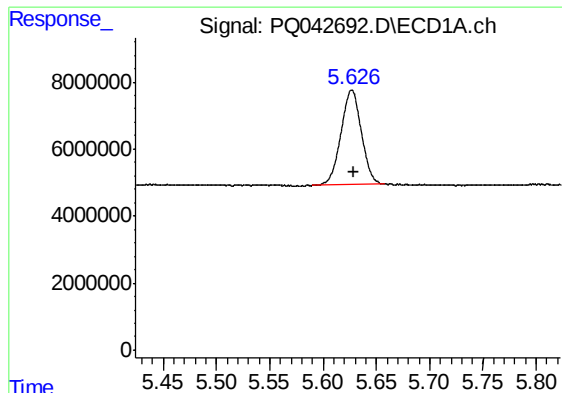
Instrument :
ECD_Q
ClientSampleId :
ETQ18

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 08:40:06 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
45) L9	AR-1268-5	11.629	10.151	3442664	1225314	1.216	0.478 #

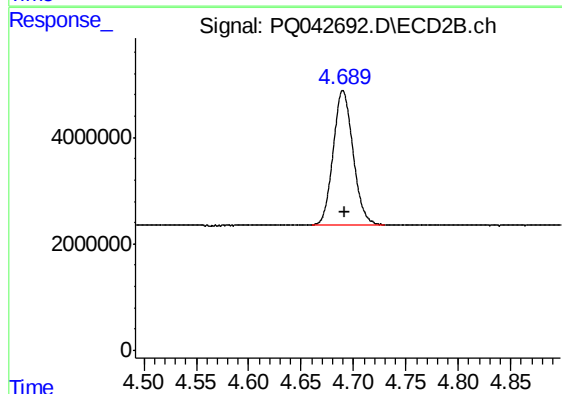
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

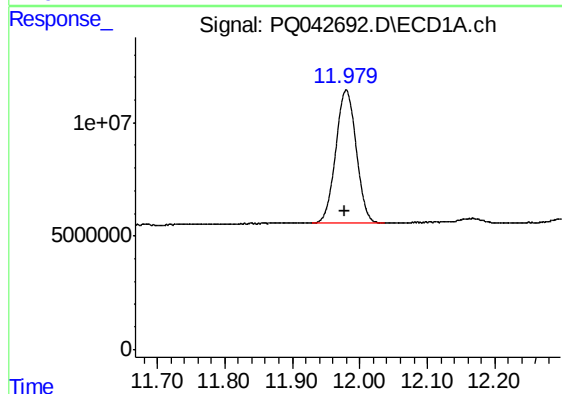
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 37731304
Conc: 12.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



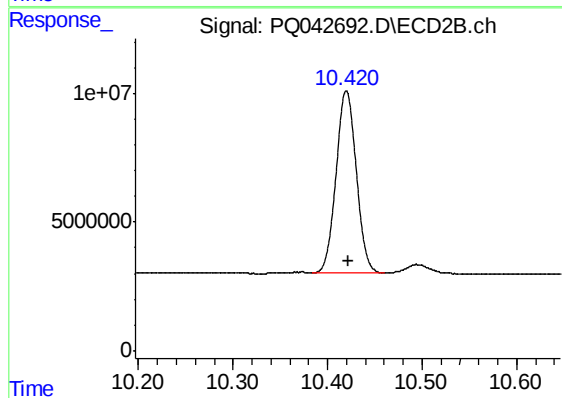
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 33271640
Conc: 13.28 ng/ml



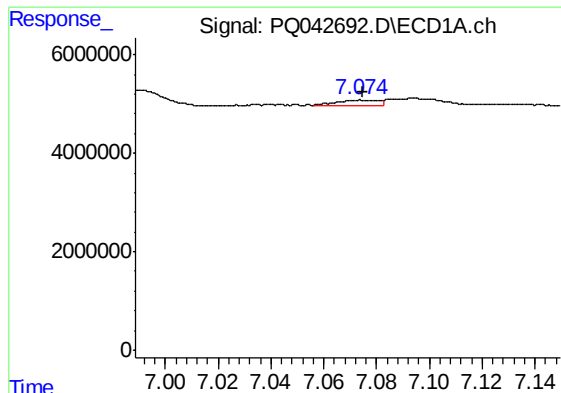
#2 Decachlorobiphenyl

R.T.: 11.980 min
Delta R.T.: 0.002 min
Response: 123906637
Conc: 16.41 ng/ml



#2 Decachlorobiphenyl

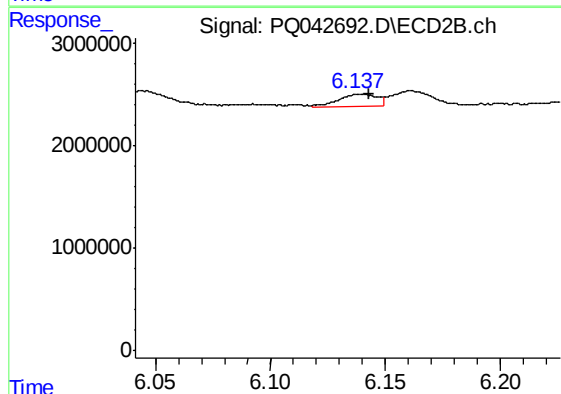
R.T.: 10.420 min
Delta R.T.: -0.002 min
Response: 105212546
Conc: 17.23 ng/ml



#3 AR-1016-1

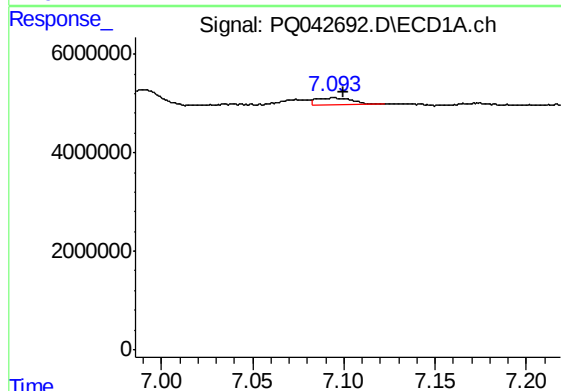
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 1196529
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



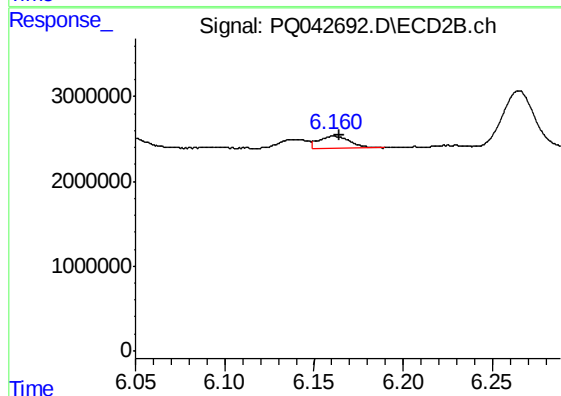
#3 AR-1016-1

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 1349939
Conc: 11.72 ng/ml



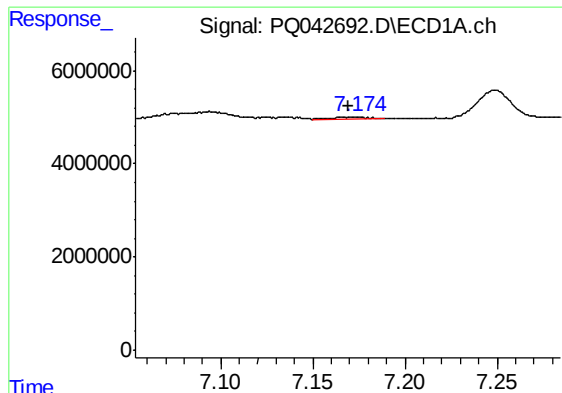
#4 AR-1016-2

R.T.: 7.094 min
Delta R.T.: -0.006 min
Response: 1827157
Conc: 9.93 ng/ml



#4 AR-1016-2

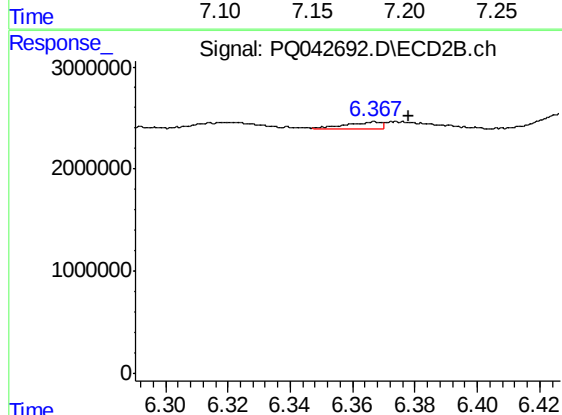
R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 1799184
Conc: 11.21 ng/ml



#5 AR-1016-3

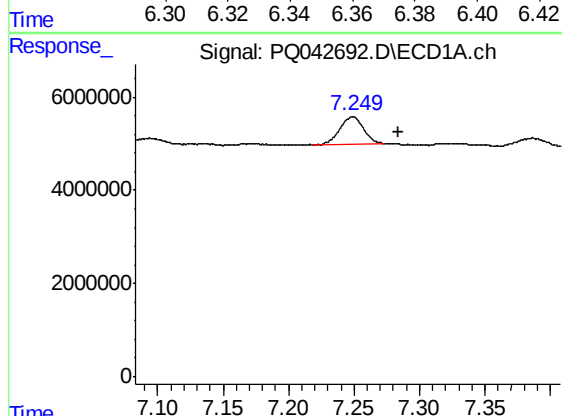
R.T.: 7.175 min
Delta R.T.: 0.005 min
Response: 635820
Conc: 5.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



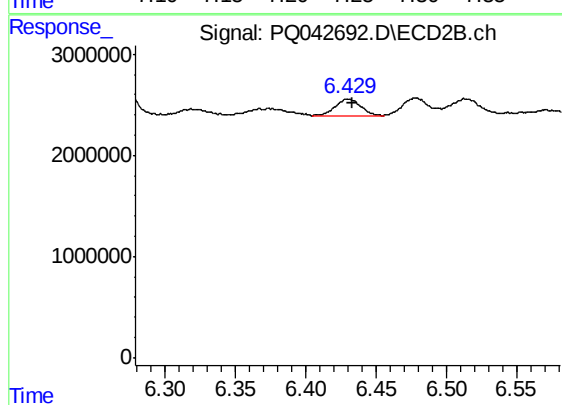
#5 AR-1016-3

R.T.: 6.367 min
Delta R.T.: -0.011 min
Response: 515528
Conc: 6.01 ng/ml



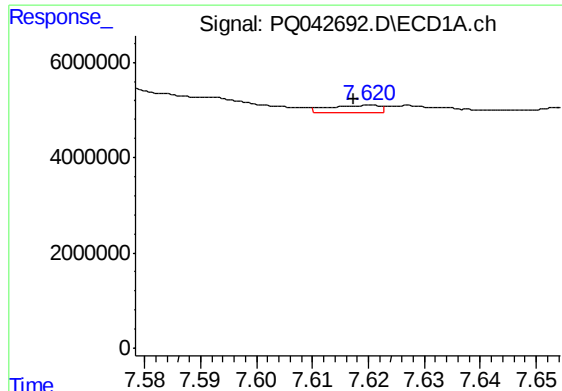
#6 AR-1016-4

R.T.: 7.250 min
Delta R.T.: -0.034 min
Response: 7577067
Conc: 85.75 ng/ml



#6 AR-1016-4

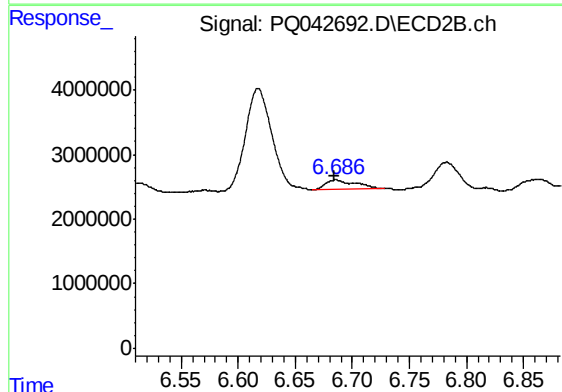
R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 2057108
Conc: 28.49 ng/ml



#7 AR-1016-5

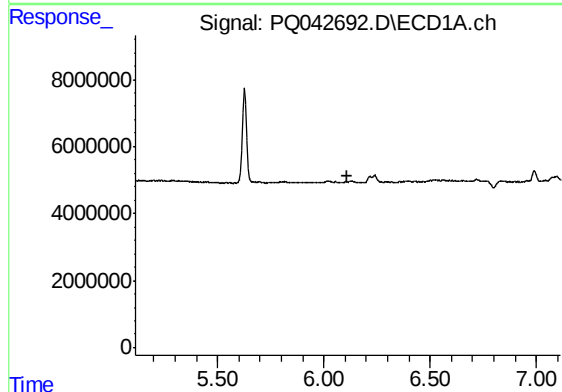
R.T.: 7.620 min
Delta R.T.: 0.003 min
Response: 901939
Conc: 10.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



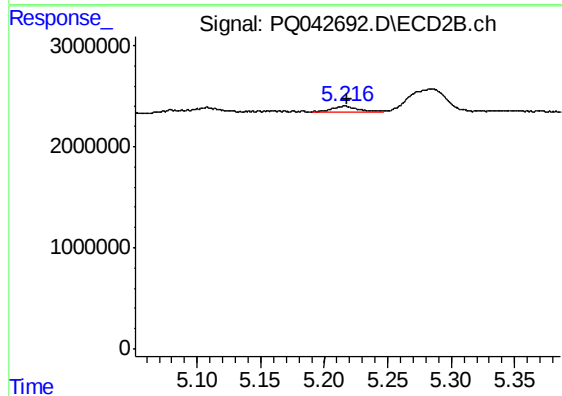
#7 AR-1016-5

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 2673171
Conc: 29.85 ng/ml



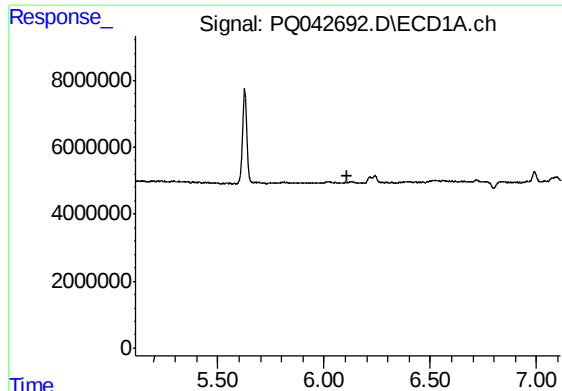
#10 AR-1221-3

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



#10 AR-1221-3

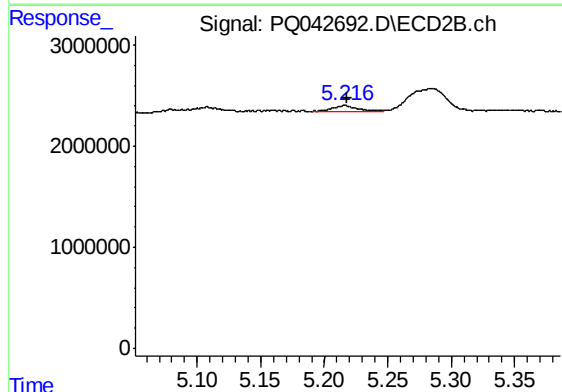
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 836783
Conc: 10.13 ng/ml



#11 AR-1232-1

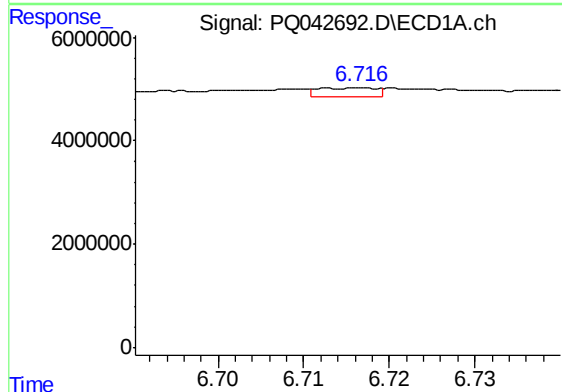
R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ18



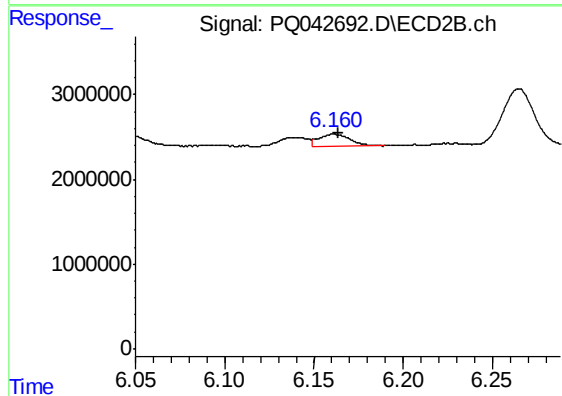
#11 AR-1232-1

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 836783
Conc: 12.42 ng/ml



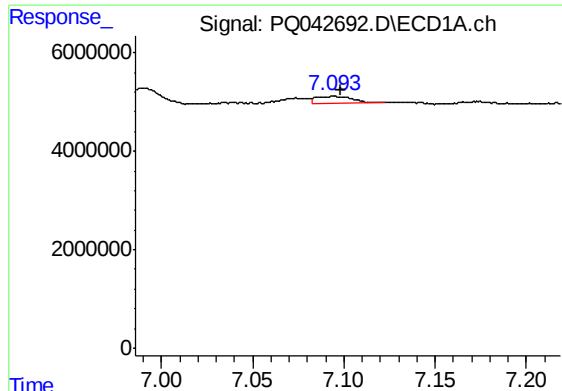
#12 AR-1232-2

R.T.: 6.717 min
Delta R.T.: -0.037 min
Response: 823840
Conc: 22.38 ng/ml



#12 AR-1232-2

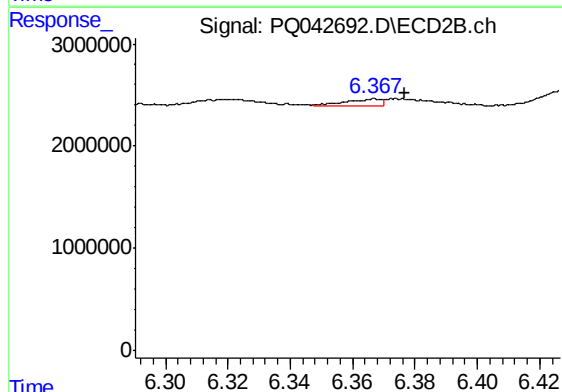
R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 1799184
Conc: 23.55 ng/ml



#13 AR-1232-3

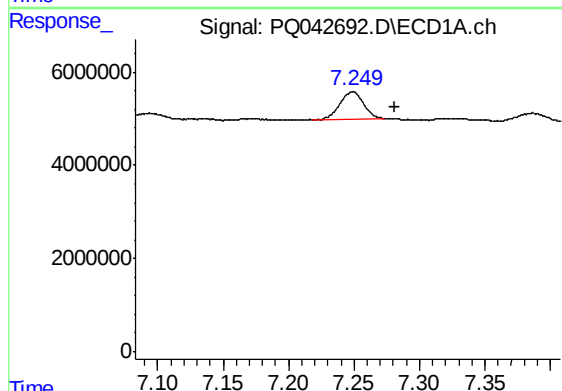
R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 1827157
Conc: 21.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



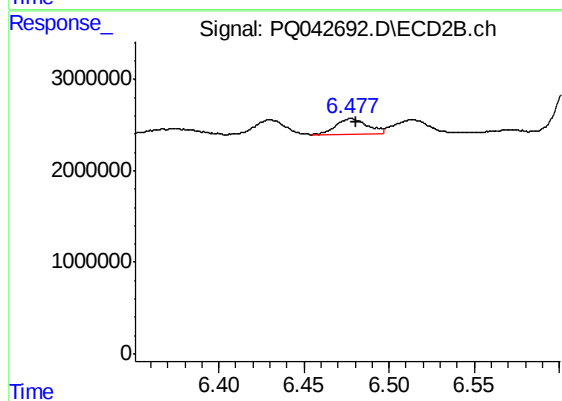
#13 AR-1232-3

R.T.: 6.367 min
Delta R.T.: -0.010 min
Response: 515528
Conc: 12.71 ng/ml



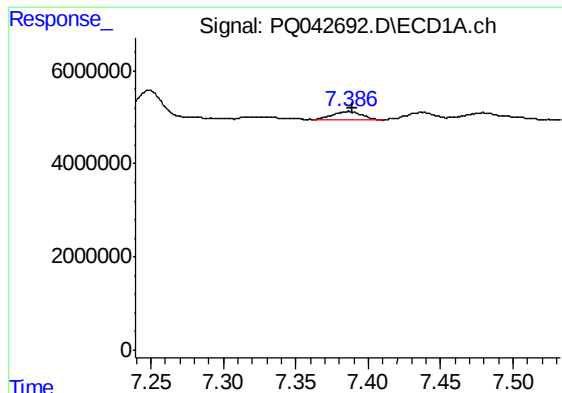
#14 AR-1232-4

R.T.: 7.250 min
Delta R.T.: -0.032 min
Response: 7577067
Conc: 185.84 ng/ml



#14 AR-1232-4

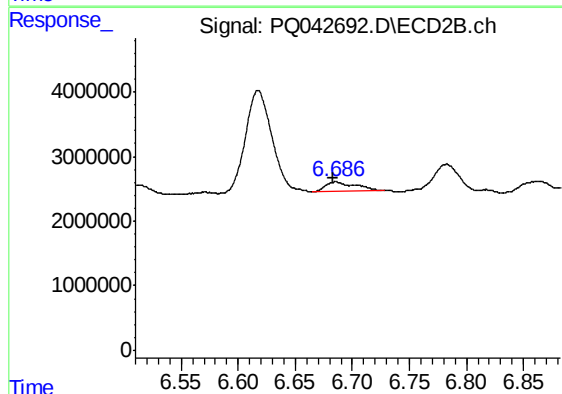
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 2224111
Conc: 55.91 ng/ml



#15 AR-1232-5

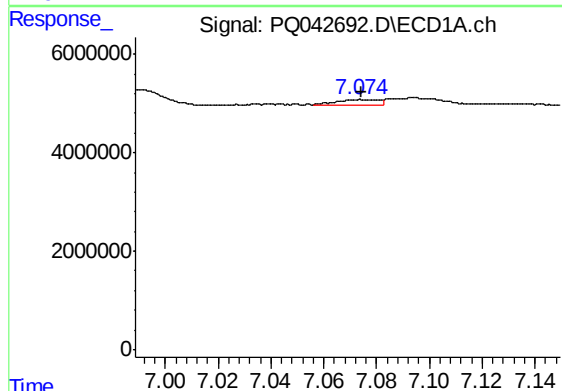
R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 2656878
Conc: 108.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



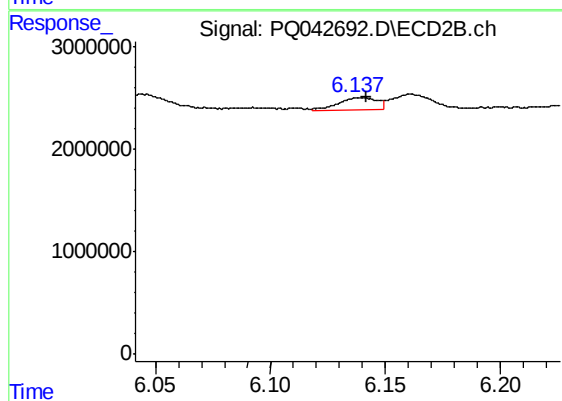
#15 AR-1232-5

R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 2673171
Conc: 67.41 ng/ml



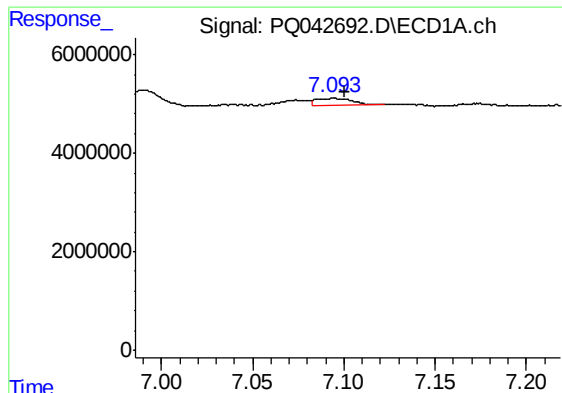
#16 AR-1242-1

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 1196529
Conc: 11.47 ng/ml



#16 AR-1242-1

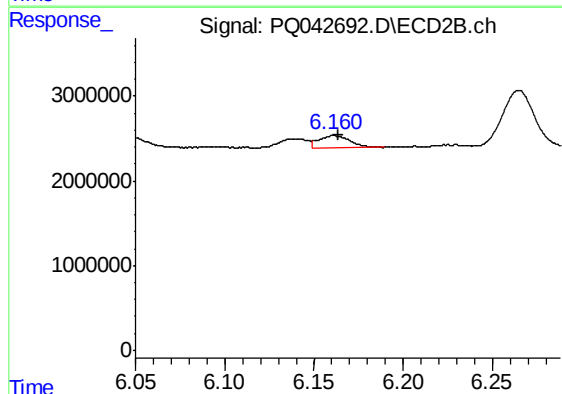
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 1349939
Conc: 13.07 ng/ml



#17 AR-1242-2

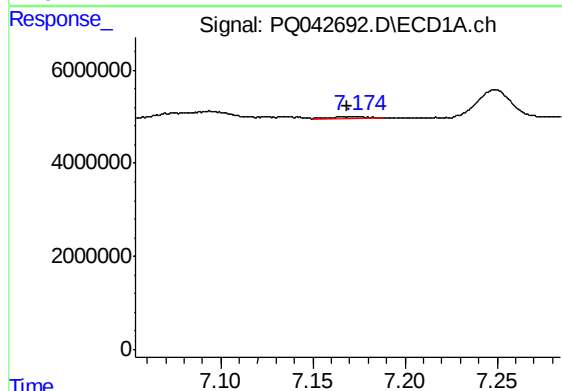
R.T.: 7.094 min
Delta R.T.: -0.006 min
Response: 1827157
Conc: 12.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



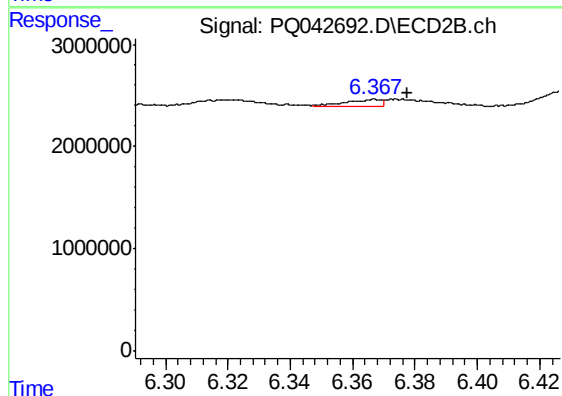
#17 AR-1242-2

R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 1799184
Conc: 12.70 ng/ml



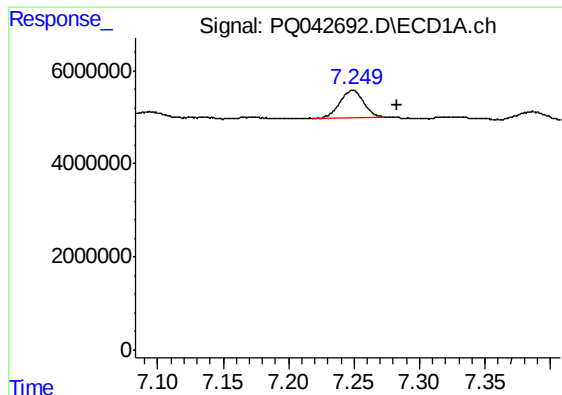
#18 AR-1242-3

R.T.: 7.175 min
Delta R.T.: 0.006 min
Response: 635820
Conc: 6.24 ng/ml



#18 AR-1242-3

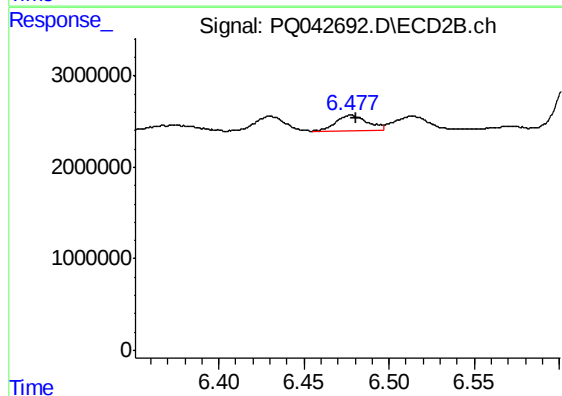
R.T.: 6.367 min
Delta R.T.: -0.010 min
Response: 515528
Conc: 6.81 ng/ml



#19 AR-1242-4

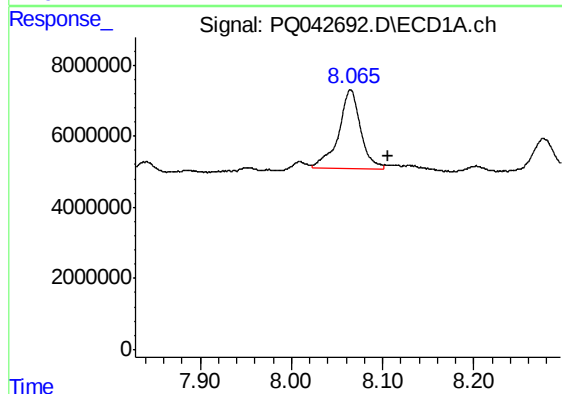
R.T.: 7.250 min
Delta R.T.: -0.034 min
Response: 7577067
Conc: 98.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



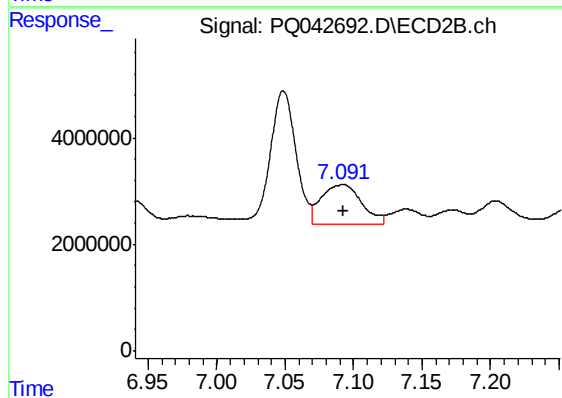
#19 AR-1242-4

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 2224111
Conc: 29.04 ng/ml



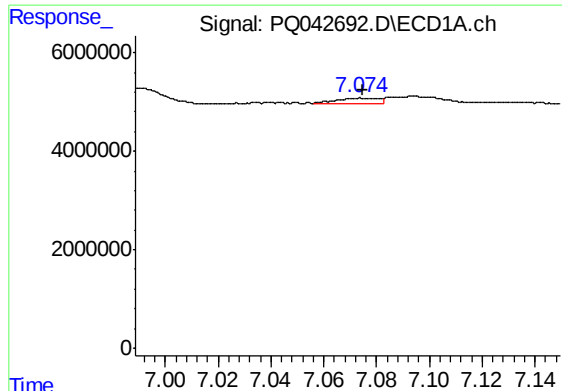
#20 AR-1242-5

R.T.: 8.065 min
Delta R.T.: -0.041 min
Response: 36972662
Conc: 391.85 ng/ml



#20 AR-1242-5

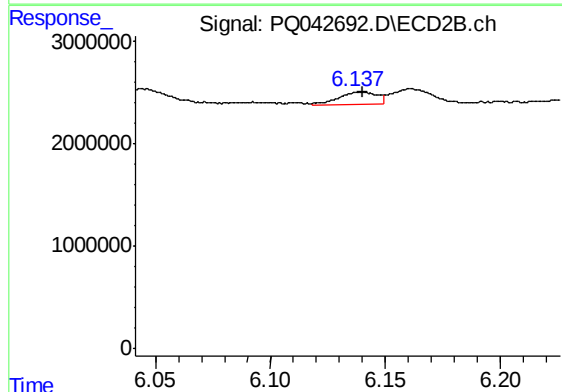
R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 15067312
Conc: 134.41 ng/ml



#21 AR-1248-1

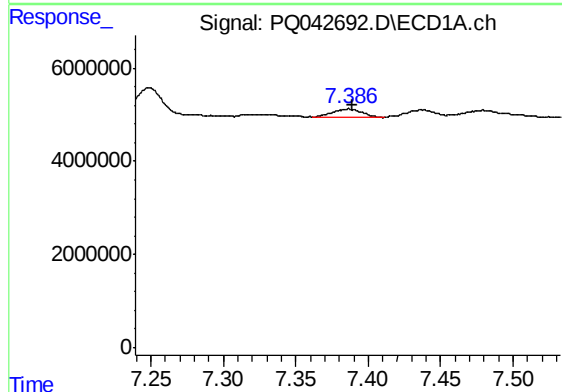
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 1196529
Conc: 14.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



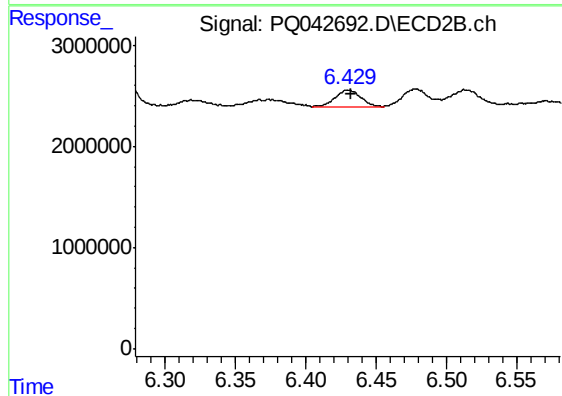
#21 AR-1248-1

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 1349939
Conc: 16.42 ng/ml



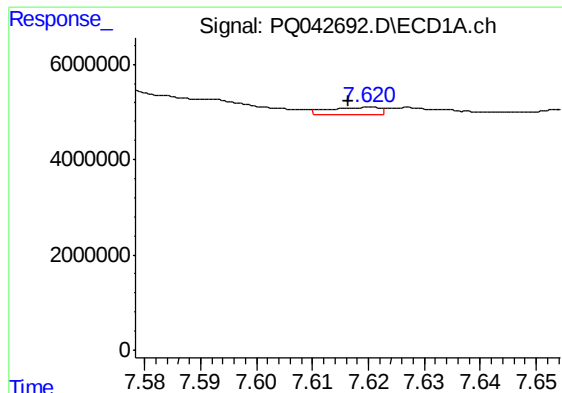
#22 AR-1248-2

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 2656878
Conc: 26.01 ng/ml



#22 AR-1248-2

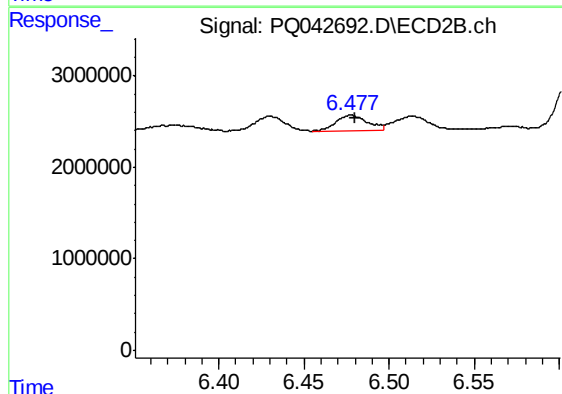
R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 2057108
Conc: 18.67 ng/ml



#23 AR-1248-3

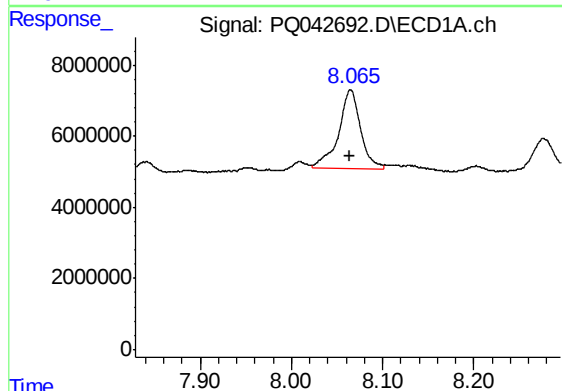
R.T.: 7.620 min
Delta R.T.: 0.004 min
Response: 901939
Conc: 7.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



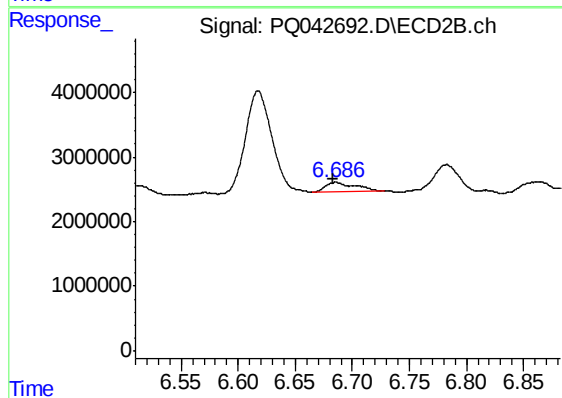
#23 AR-1248-3

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 2224111
Conc: 19.74 ng/ml



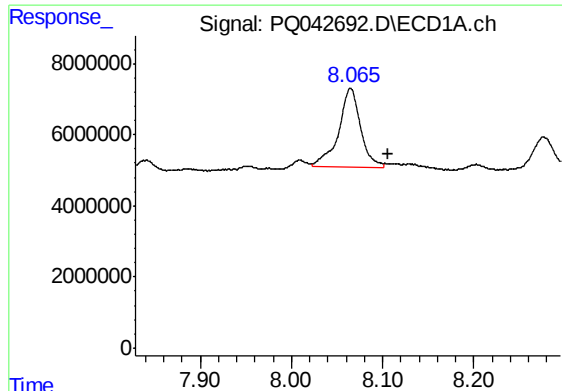
#24 AR-1248-4

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 36972662
Conc: 223.03 ng/ml



#24 AR-1248-4

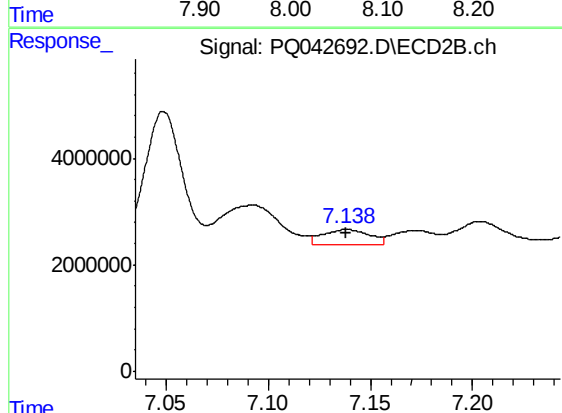
R.T.: 6.686 min
Delta R.T.: 0.003 min
Response: 2673171
Conc: 19.57 ng/ml



#25 AR-1248-5

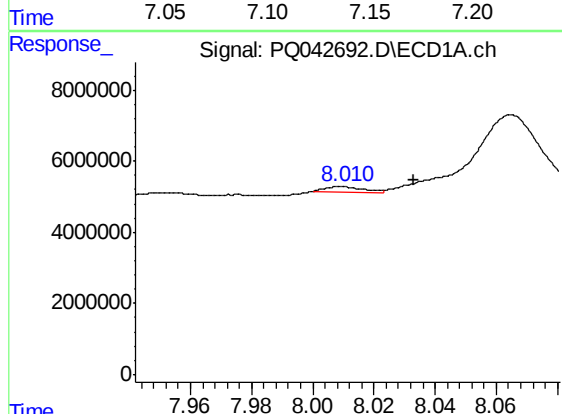
R.T.: 8.065 min
Delta R.T.: -0.040 min
Response: 36972662
Conc: 232.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



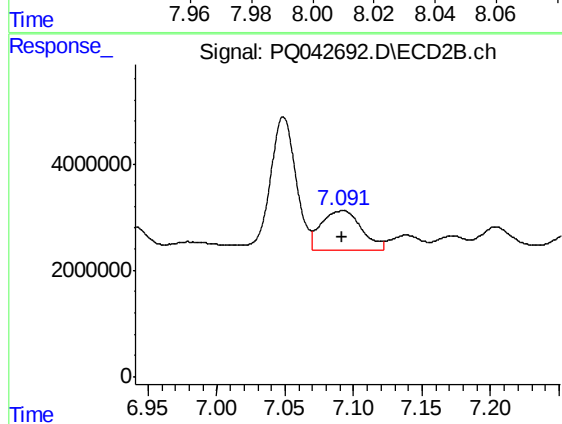
#25 AR-1248-5

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 4672323
Conc: 29.68 ng/ml



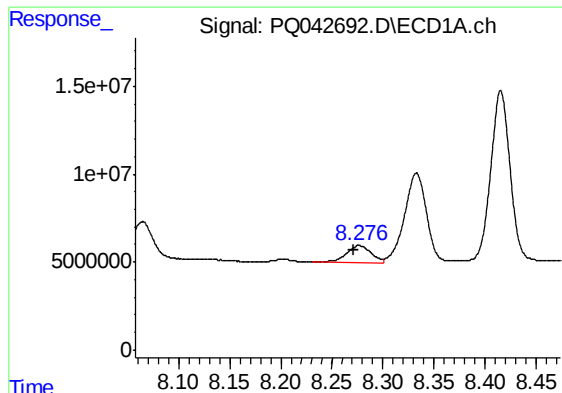
#26 AR-1254-1

R.T.: 8.011 min
Delta R.T.: -0.022 min
Response: 1311060
Conc: 8.94 ng/ml



#26 AR-1254-1

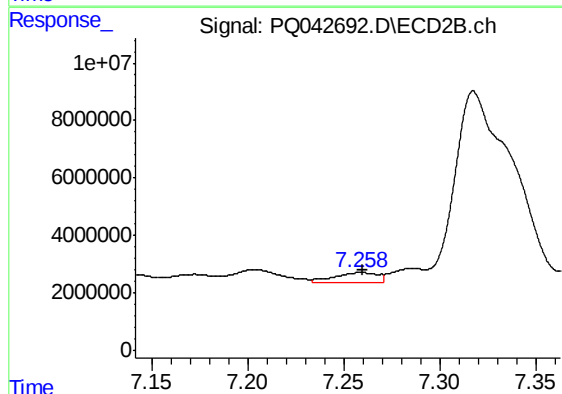
R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 15067312
Conc: 66.77 ng/ml



#27 AR-1254-2

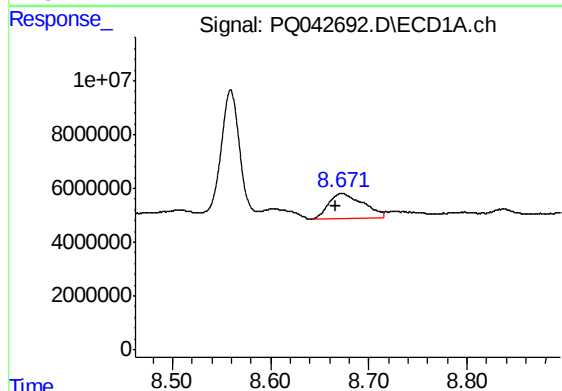
R.T.: 8.276 min
Delta R.T.: 0.004 min
Response: 16071152
Conc: 67.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



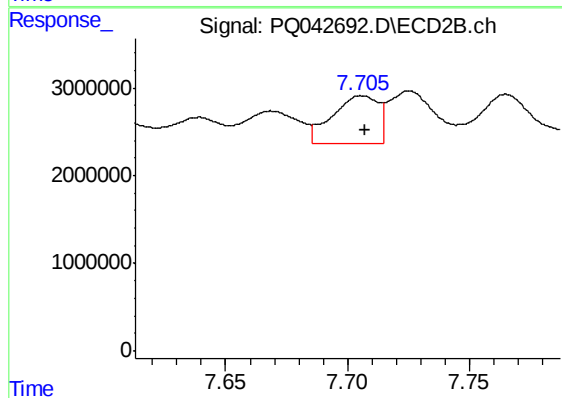
#27 AR-1254-2

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 5665719
Conc: 28.02 ng/ml



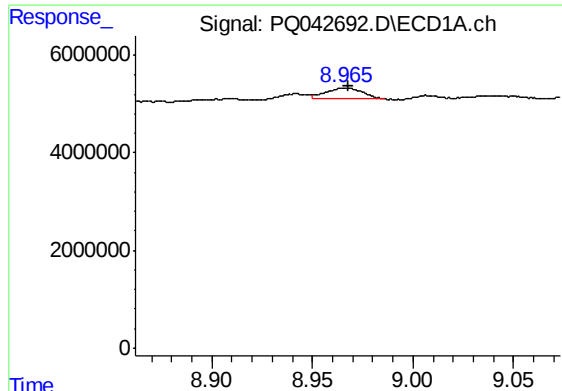
#28 AR-1254-3

R.T.: 8.672 min
Delta R.T.: 0.006 min
Response: 22259675
Conc: 78.08 ng/ml



#28 AR-1254-3

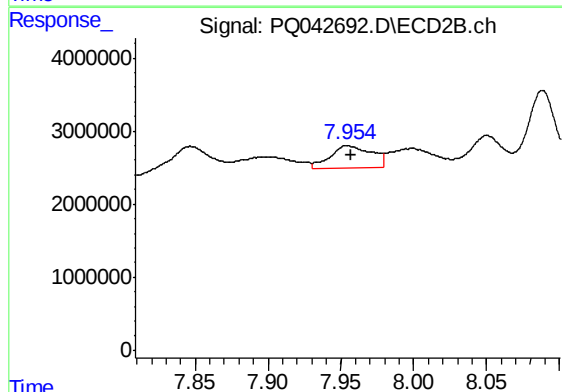
R.T.: 7.705 min
Delta R.T.: -0.002 min
Response: 7115504
Conc: 20.21 ng/ml



#29 AR-1254-4

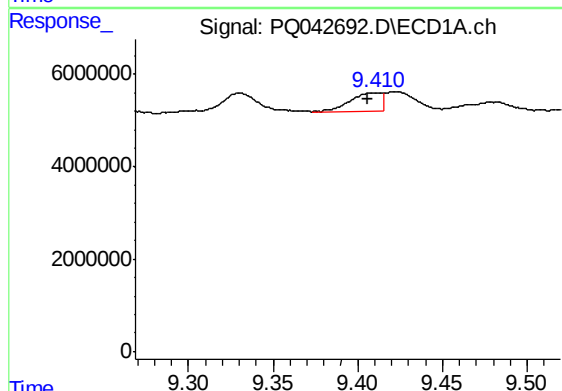
R.T.: 8.966 min
Delta R.T.: -0.002 min
Response: 2867303
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



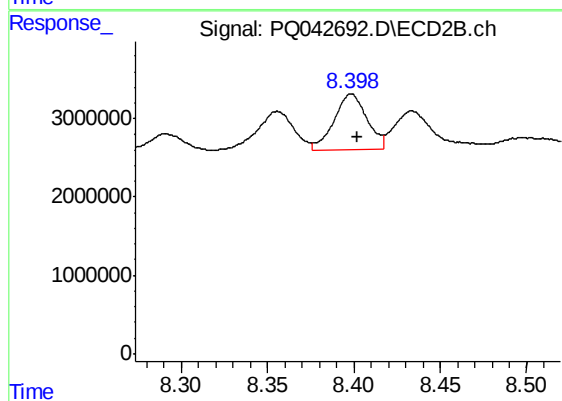
#29 AR-1254-4

R.T.: 7.955 min
Delta R.T.: -0.002 min
Response: 6054506
Conc: 23.59 ng/ml



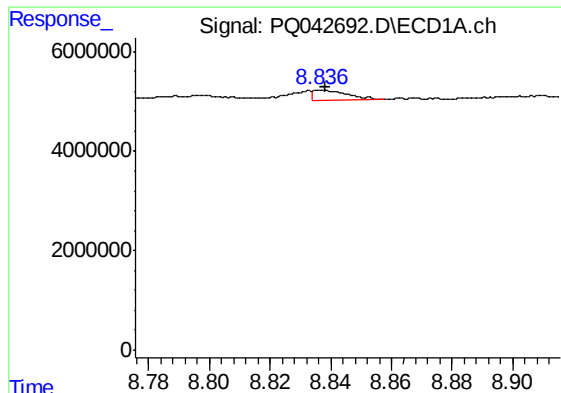
#30 AR-1254-5

R.T.: 9.412 min
Delta R.T.: 0.006 min
Response: 5240603
Conc: 20.30 ng/ml



#30 AR-1254-5

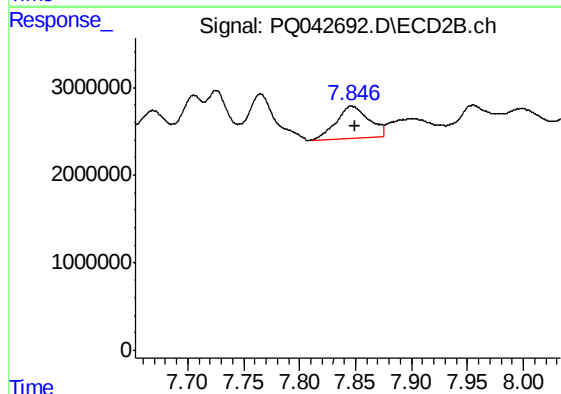
R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 9420883
Conc: 25.93 ng/ml



#31 AR-1260-1

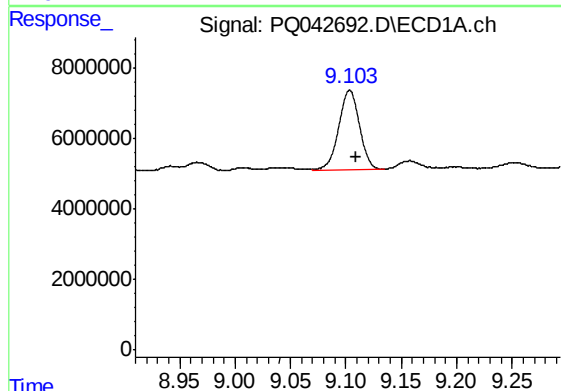
R.T.: 8.837 min
Delta R.T.: -0.002 min
Response: 1505569
Conc: 8.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



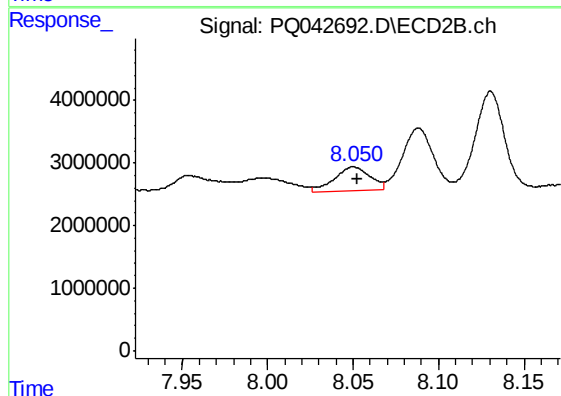
#31 AR-1260-1

R.T.: 7.846 min
Delta R.T.: -0.003 min
Response: 7482799
Conc: 36.68 ng/ml



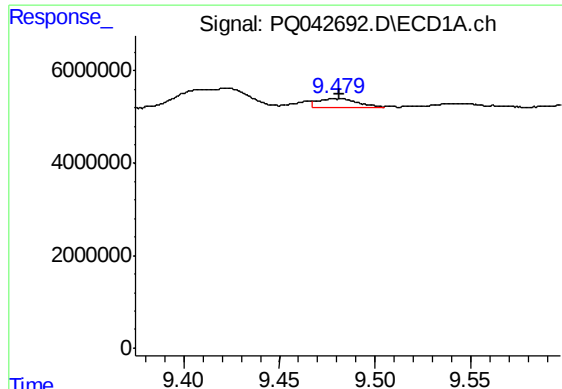
#32 AR-1260-2

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 29505838
Conc: 122.76 ng/ml



#32 AR-1260-2

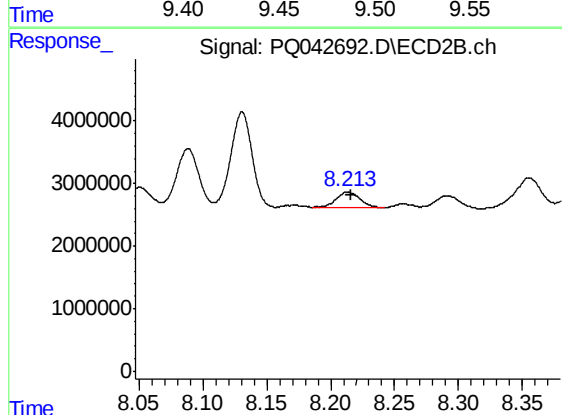
R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 5598791
Conc: 20.90 ng/ml



#33 AR-1260-3

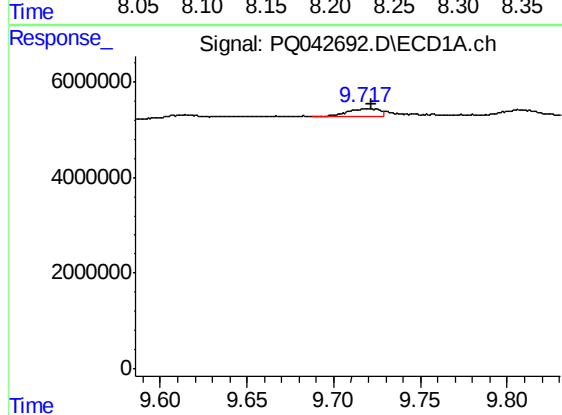
R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 2644348
Conc: 12.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



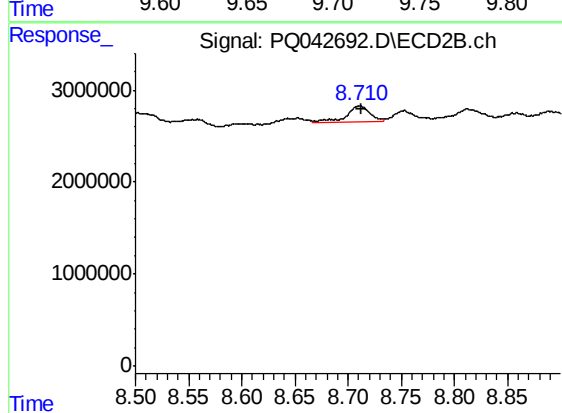
#33 AR-1260-3

R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 3211041
Conc: 13.47 ng/ml



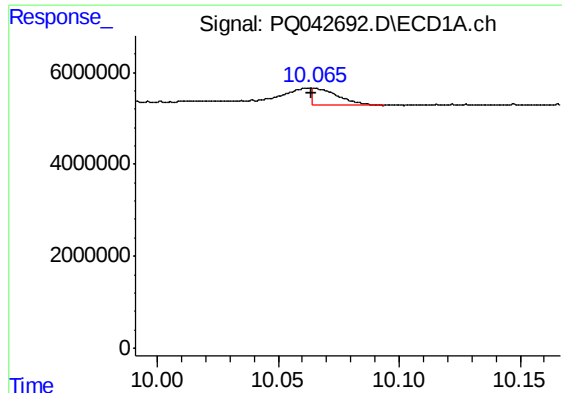
#34 AR-1260-4

R.T.: 9.718 min
Delta R.T.: -0.004 min
Response: 2200030
Conc: 9.06 ng/ml



#34 AR-1260-4

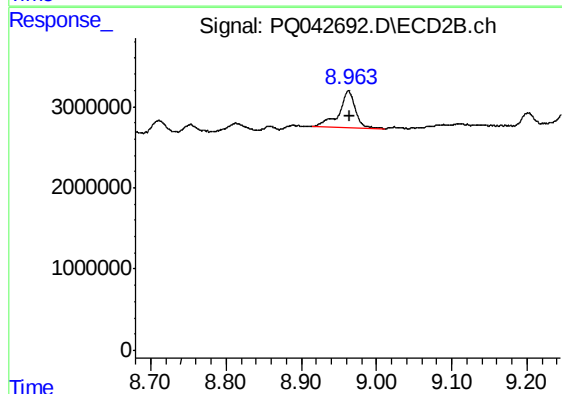
R.T.: 8.711 min
Delta R.T.: -0.002 min
Response: 2739821
Conc: 12.09 ng/ml



#35 AR-1260-5

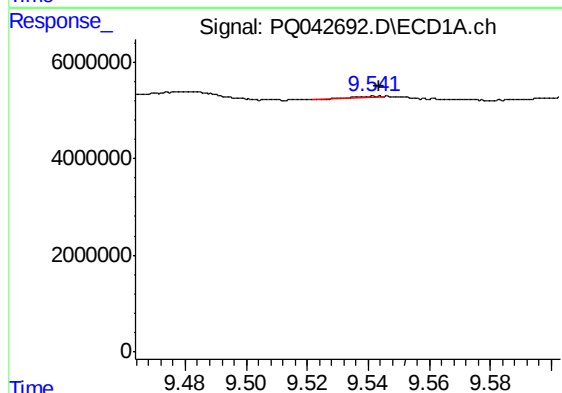
R.T.: 10.066 min
Delta R.T.: 0.002 min
Response: 2847355
Conc: 4.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



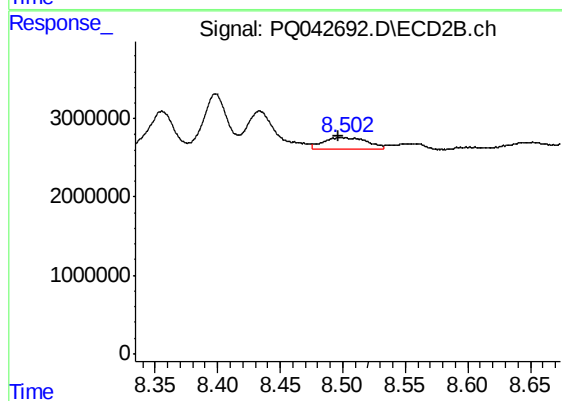
#35 AR-1260-5

R.T.: 8.963 min
Delta R.T.: -0.002 min
Response: 6992617
Conc: 11.23 ng/ml



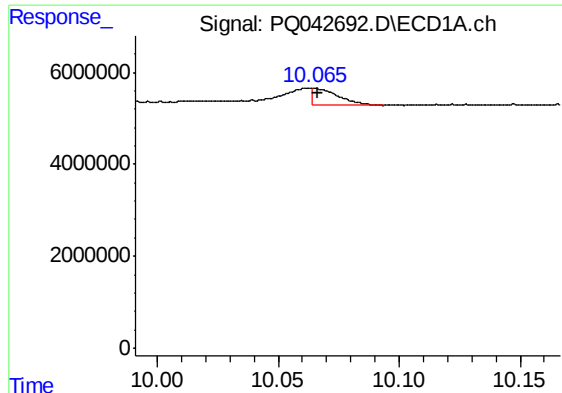
#36 AR-1262-1

R.T.: 9.541 min
Delta R.T.: -0.002 min
Response: 251153
Conc: 1.74 ng/ml



#36 AR-1262-1

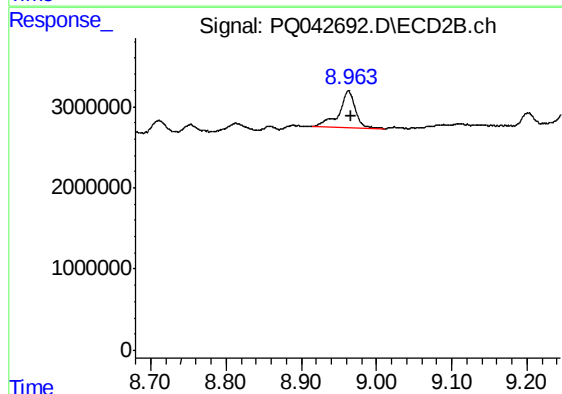
R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3537823
Conc: 20.67 ng/ml



#37 AR-1262-2

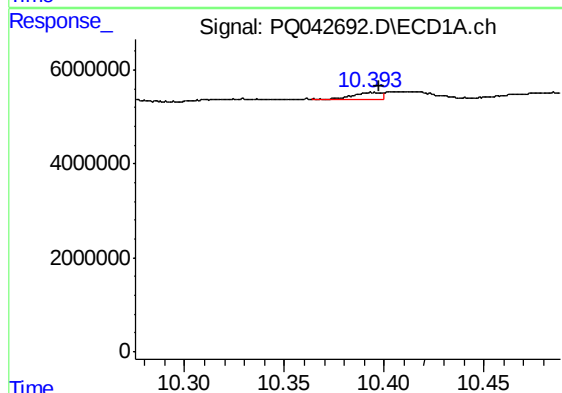
R.T.: 10.066 min
Delta R.T.: 0.000 min
Response: 2847355
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



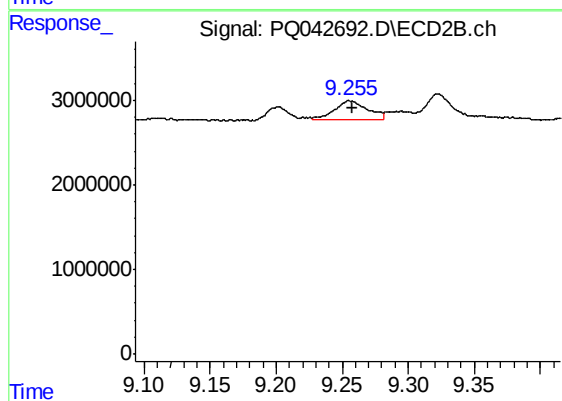
#37 AR-1262-2

R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 6992617
Conc: 8.37 ng/ml



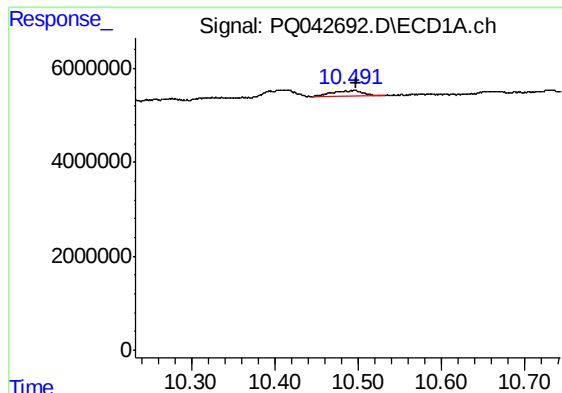
#38 AR-1262-3

R.T.: 10.394 min
Delta R.T.: -0.004 min
Response: 1511431
Conc: 2.81 ng/ml



#38 AR-1262-3

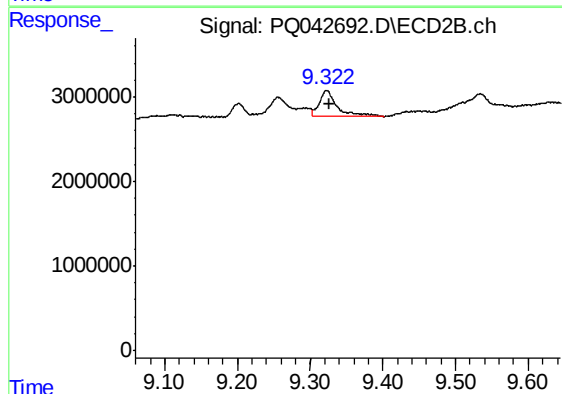
R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 4080371
Conc: 11.48 ng/ml



#39 AR-1262-4

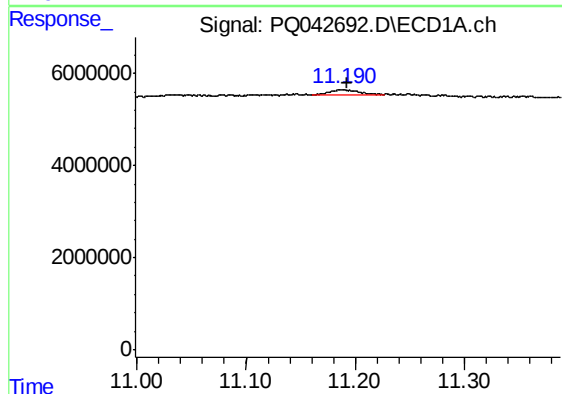
R.T.: 10.491 min
Delta R.T.: -0.006 min
Response: 3464833
Conc: 7.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



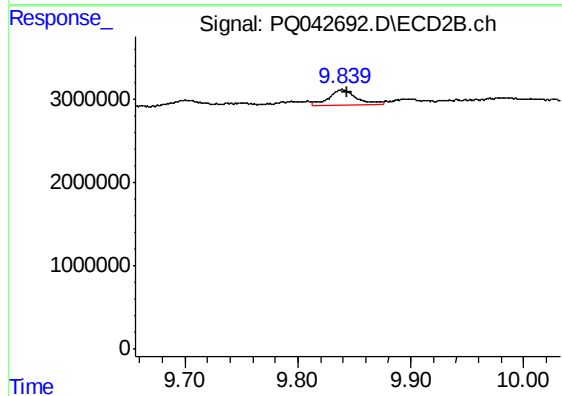
#39 AR-1262-4

R.T.: 9.322 min
Delta R.T.: -0.003 min
Response: 5428005
Conc: 8.42 ng/ml



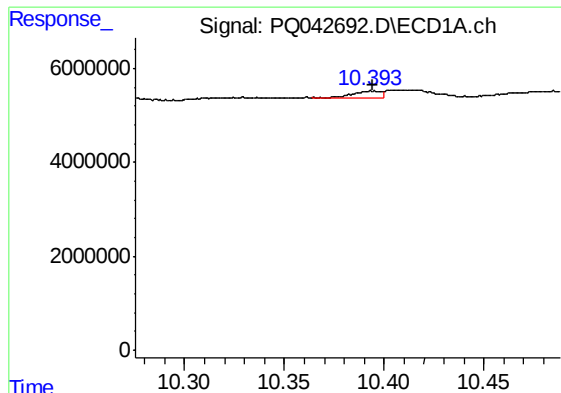
#40 AR-1262-5

R.T.: 11.190 min
Delta R.T.: -0.003 min
Response: 2230613
Conc: 6.50 ng/ml



#40 AR-1262-5

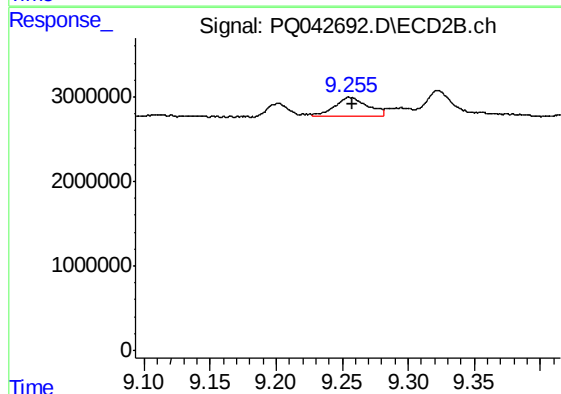
R.T.: 9.839 min
Delta R.T.: -0.004 min
Response: 3129318
Conc: 9.89 ng/ml



#41 AR-1268-1

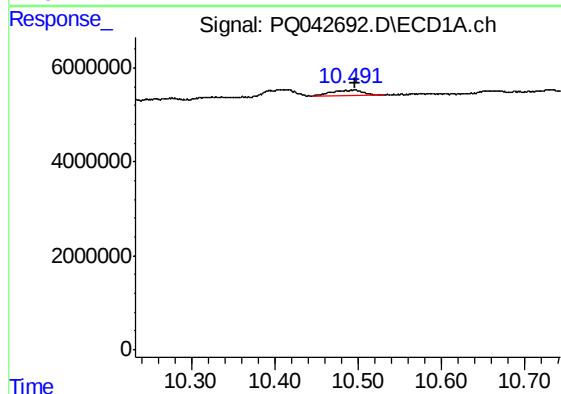
R.T.: 10.394 min
Delta R.T.: 0.000 min
Response: 1511431
Conc: 1.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



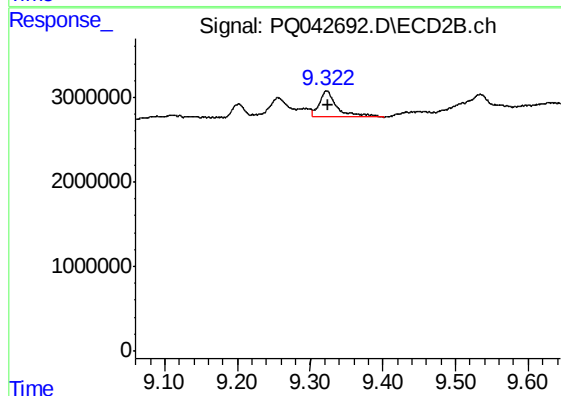
#41 AR-1268-1

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 4080371
Conc: 4.06 ng/ml



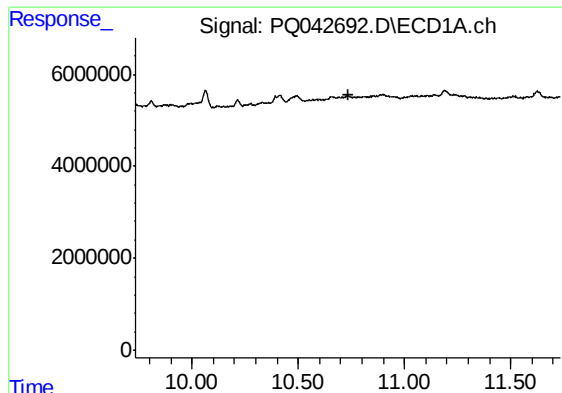
#42 AR-1268-2

R.T.: 10.491 min
Delta R.T.: -0.004 min
Response: 3464833
Conc: 3.72 ng/ml



#42 AR-1268-2

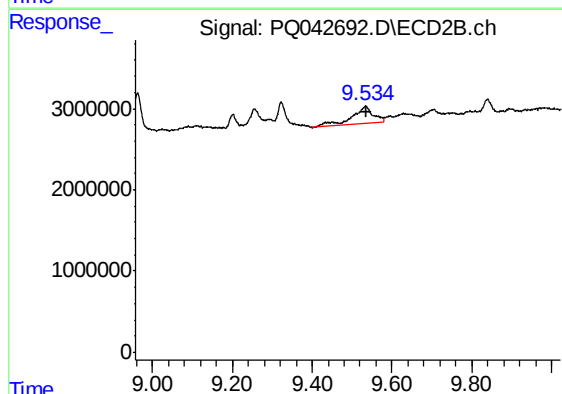
R.T.: 9.322 min
Delta R.T.: -0.003 min
Response: 5428005
Conc: 5.78 ng/ml



#43 AR-1268-3

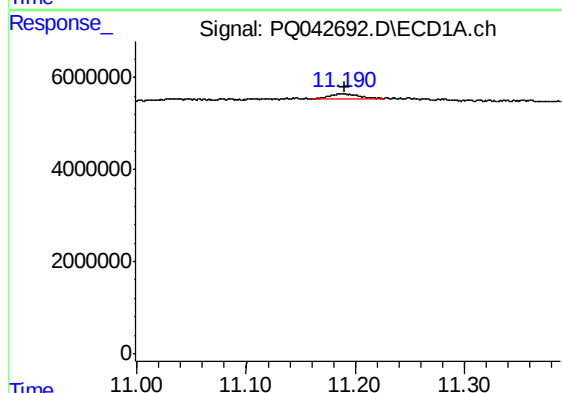
R.T.: 10.727 min
Delta R.T.: -0.007 min
Response: -7761
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ18



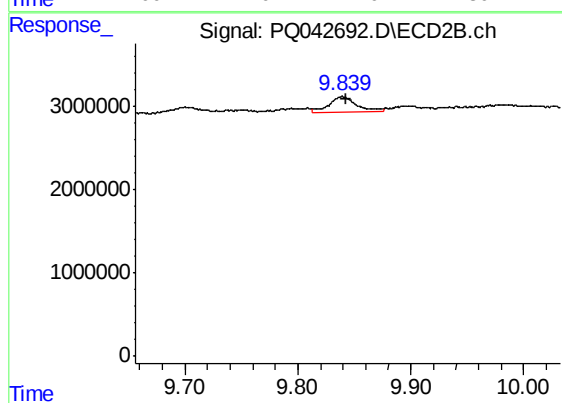
#43 AR-1268-3

R.T.: 9.534 min
Delta R.T.: -0.002 min
Response: 8459074
Conc: 10.62 ng/ml



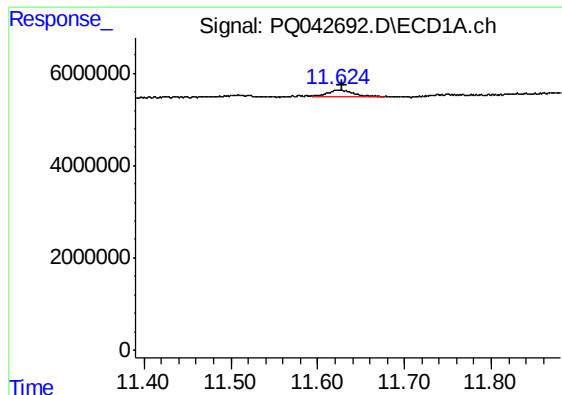
#44 AR-1268-4

R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 2230613
Conc: 6.01 ng/ml



#44 AR-1268-4

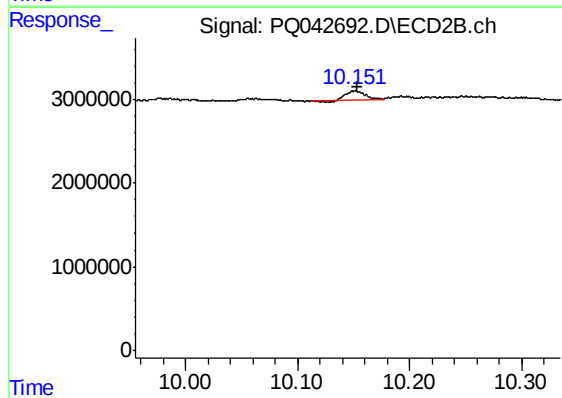
R.T.: 9.839 min
Delta R.T.: -0.003 min
Response: 3129318
Conc: 9.14 ng/ml



#45 AR-1268-5

R.T.: 11.629 min
Delta R.T.: 0.000 min
Response: 3442664
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ18



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.002 min
Response: 1225314
Conc: 0.48 ng/ml