

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 01:34
 Operator : SM\AJ
 Sample : K4456-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ20

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 08:41:43 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...	5.626	4.690	54710173	48830382	18.431	19.484
2)	SA Decachlor...	11.977	10.420	181.9E6	151.8E6	24.103	24.857
Target Compounds							
3)	L1 AR-1016-1	7.070	6.161	354356	804877	2.912	6.990 #
4)	L1 AR-1016-2	7.086	6.161	1028488	804877	5.588	5.014
6)	L1 AR-1016-4	7.248	6.476	3142192	515176	35.560	7.135 #
7)	L1 AR-1016-5	7.592	6.683	379816	76163	4.491	0.850 #
9)	L2 AR-1221-2	6.019	5.108	209009	144768	8.579	6.016 #
10)	L2 AR-1221-3	0.000	5.274	0	1202818	N.D.	14.563 #
11)	L3 AR-1232-1	0.000	5.274	0	1202818	N.D.	17.855 #
12)	L3 AR-1232-2	6.822	6.161	1046296	804877	28.426	10.536 #
13)	L3 AR-1232-3	7.086	0.000	1028488	0	12.303	N.D. #
14)	L3 AR-1232-4	7.248	6.476	3142192	515176	77.065	12.950 #
15)	L3 AR-1232-5	7.385	6.683	681767	76163	27.874	1.921 #
16)	L4 AR-1242-1	7.070	6.161	354356	804877	3.395	7.792 #
17)	L4 AR-1242-2	7.086	6.161	1028488	804877	6.752	5.680
19)	L4 AR-1242-4	7.248	6.476	3142192	515176	40.855	6.728 #
20)	L4 AR-1242-5	8.063	7.094	18931173	5632751	200.638	50.249 #
21)	L5 AR-1248-1	7.070	6.161	354356	804877	4.250	9.792 #
22)	L5 AR-1248-2	7.385	6.476	681767	515176	6.675	4.676 #
23)	L5 AR-1248-3	7.592	6.476	379816	515176	2.993	4.571 #
24)	L5 AR-1248-4	8.063	6.683	18931173	76163	114.199	0.557 #
25)	L5 AR-1248-5	8.063	7.135	18931173	1509487	118.907	9.589 #
26)	L6 AR-1254-1	8.063	7.094	18931173	5632751	129.021	24.963 #
27)	L6 AR-1254-2	8.275	7.260	5740176	2216652	23.930	10.962 #
28)	L6 AR-1254-3	8.674	7.706	8188524	1540299	28.722	4.374 #
29)	L6 AR-1254-4	8.968	7.956	2318767	2439828	9.725	9.508
30)	L6 AR-1254-5	9.405	8.398	375142	3992091	1.453	10.986 #
31)	L7 AR-1260-1	8.834	7.849	406354	3513350	2.305	17.220 #
32)	L7 AR-1260-2	9.104	8.048	13043578	2744966	54.267	10.247 #
33)	L7 AR-1260-3	9.475	8.212	927466	1449757	4.290	6.082 #
34)	L7 AR-1260-4	9.723	8.710	576856	984222	2.376	4.341 #
35)	L7 AR-1260-5	10.066	8.962	1084959	1805181	1.828	2.899 #
36)	L8 AR-1262-1	9.539	8.494	57438	1535529	0.398	8.970 #
37)	L8 AR-1262-2	10.066	8.962	1084959	1805181	1.442	2.161 #
38)	L8 AR-1262-3	10.397	9.259	623926	2751862	1.160	7.742 #
39)	L8 AR-1262-4	10.494	9.322	2751059	1948273	6.328	3.021 #
40)	L8 AR-1262-5	11.184	9.841	45582	372107	0.133	1.176 #
41)	L9 AR-1268-1	10.397	9.259	623926	2751862	0.653	2.741 #
42)	L9 AR-1268-2	10.494	9.322	2751059	1948273	2.954	2.075 #
43)	L9 AR-1268-3	0.000	9.532	0	4648958	N.D.	5.837 #
44)	L9 AR-1268-4	11.184	9.841	45582	372107	0.123	1.087 #
45)	L9 AR-1268-5	11.625	10.151	1770581	1418788	0.626	0.553

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Acq On : 22 Aug 2019 01:34
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Sample : K4456-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETQ20

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 08:41:43 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

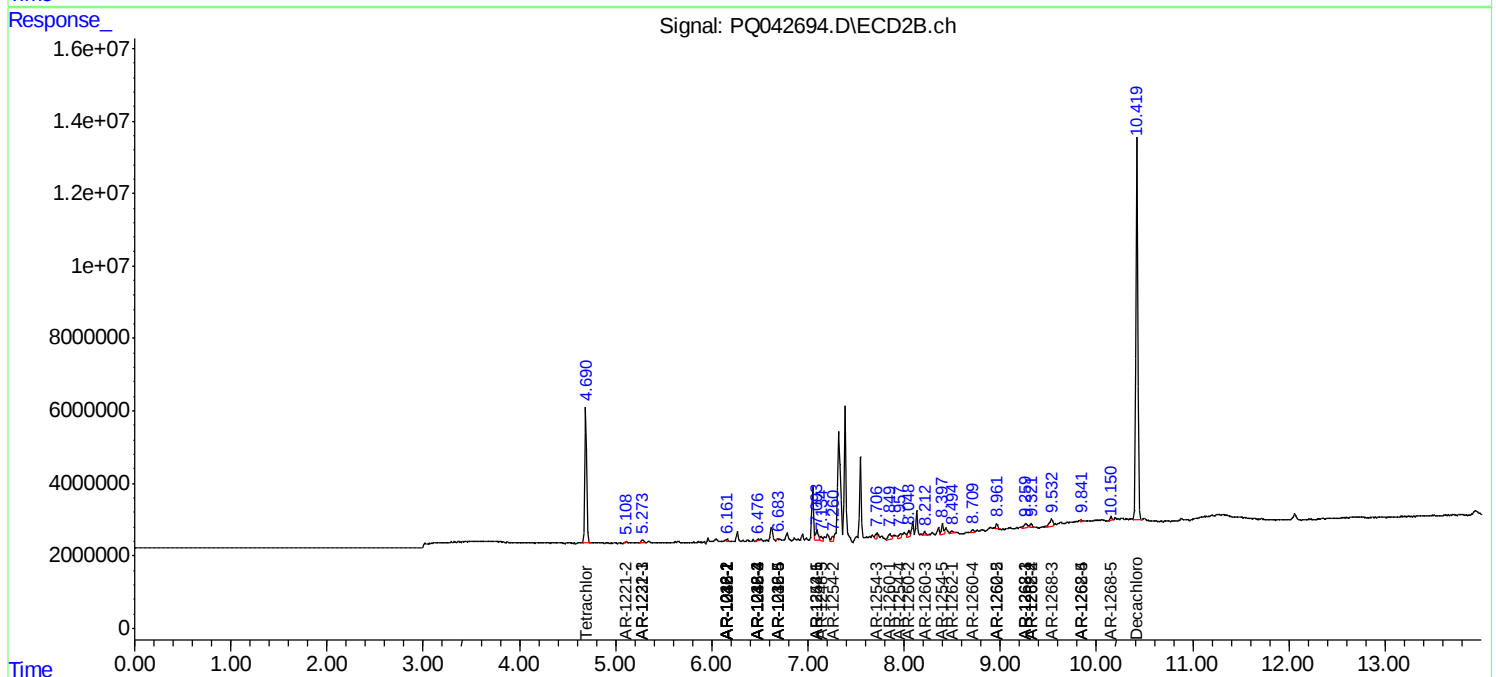
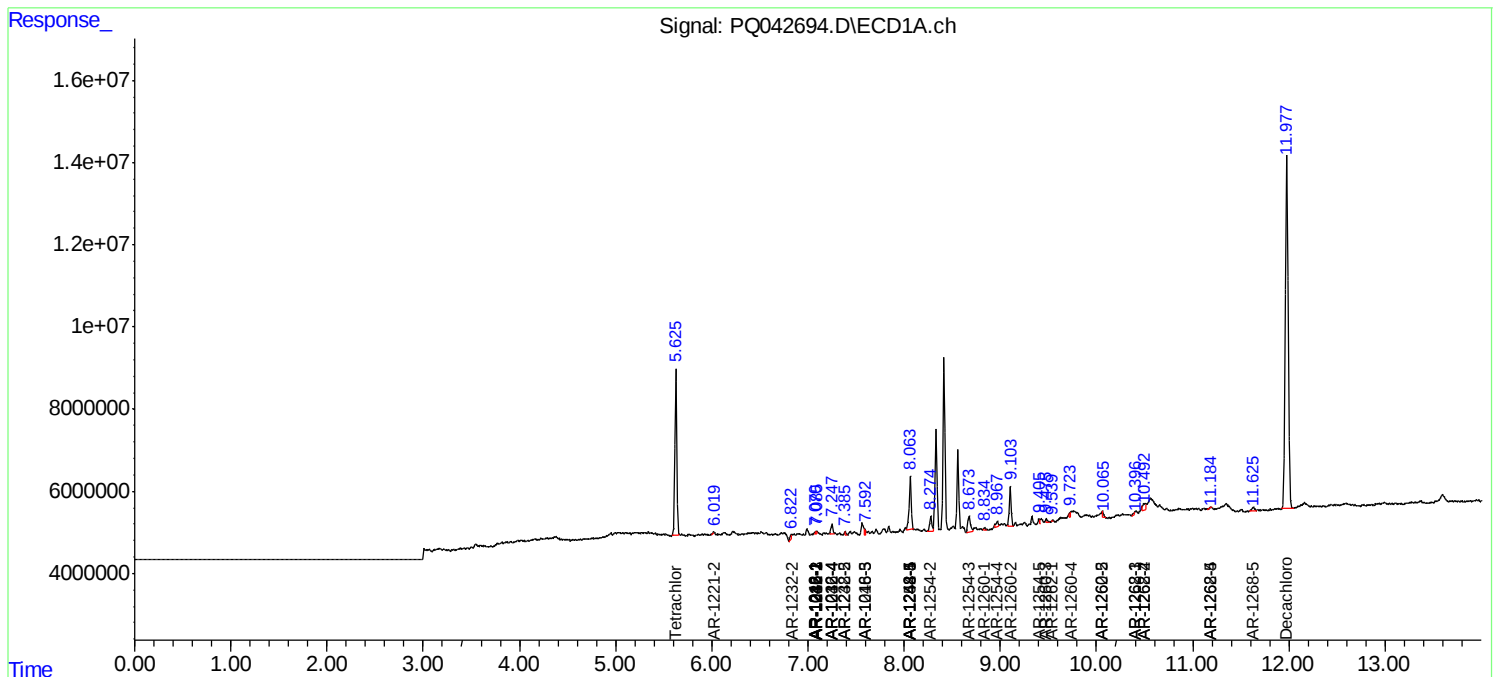
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

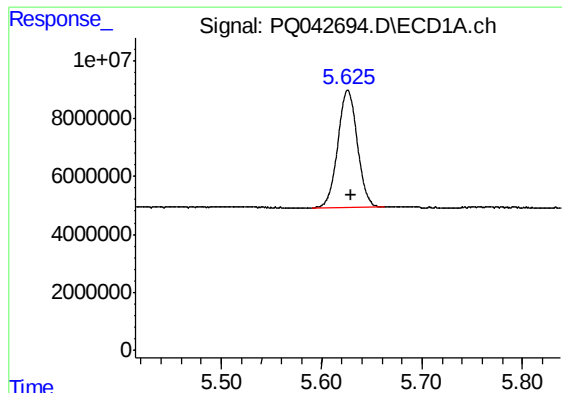
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042694.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

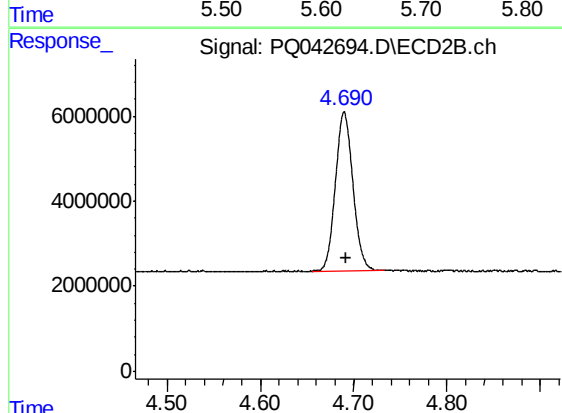




#1 Tetrachloro-m-xylene

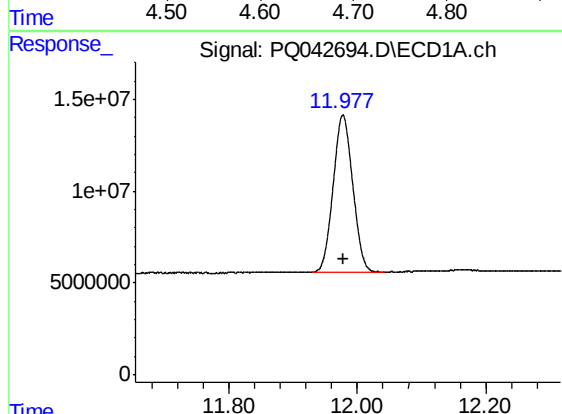
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 54710173
Conc: 18.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



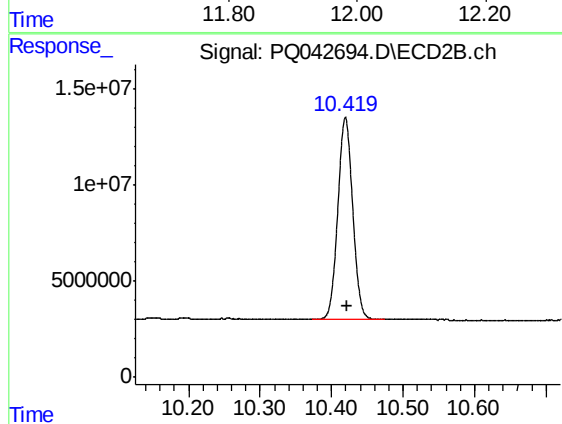
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 48830382
Conc: 19.48 ng/ml



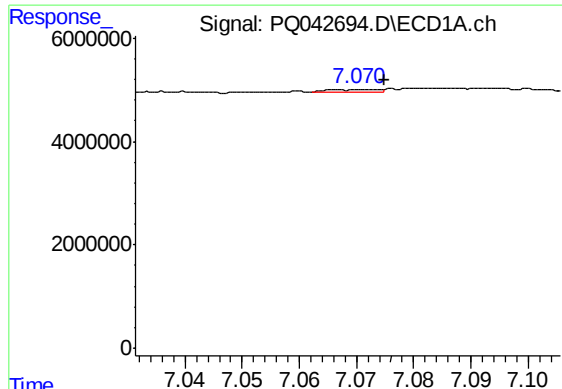
#2 Decachlorobiphenyl

R.T.: 11.977 min
Delta R.T.: 0.000 min
Response: 181948503
Conc: 24.10 ng/ml



#2 Decachlorobiphenyl

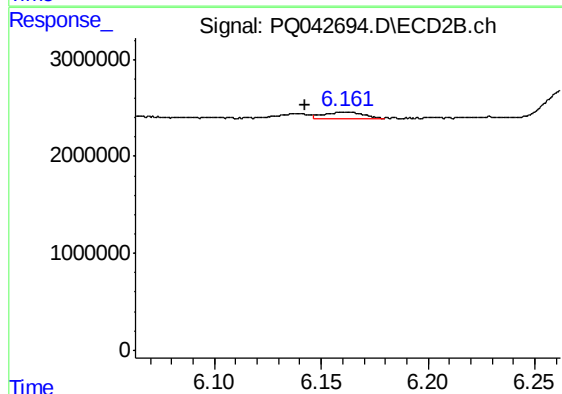
R.T.: 10.420 min
Delta R.T.: -0.002 min
Response: 151790921
Conc: 24.86 ng/ml



#3 AR-1016-1

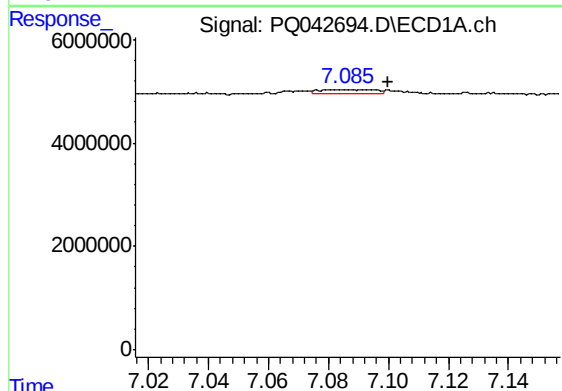
R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 354356
Conc: 2.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



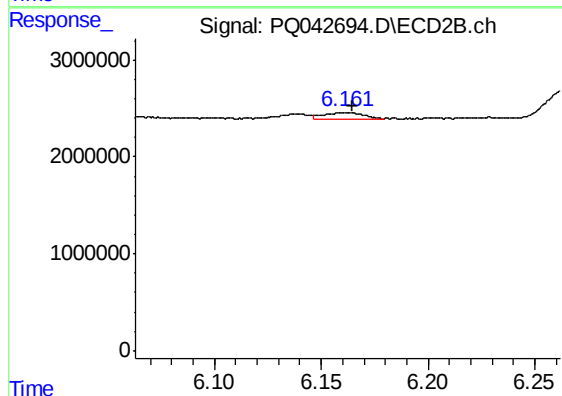
#3 AR-1016-1

R.T.: 6.161 min
Delta R.T.: 0.019 min
Response: 804877
Conc: 6.99 ng/ml



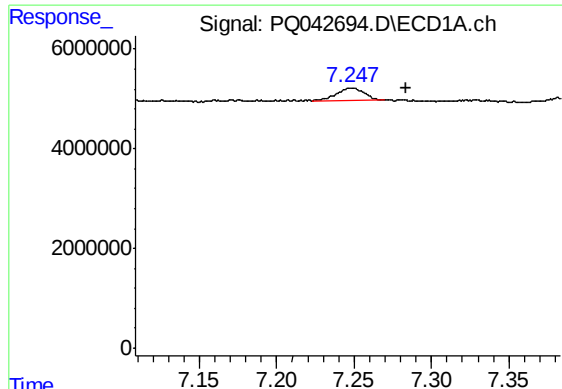
#4 AR-1016-2

R.T.: 7.086 min
Delta R.T.: -0.014 min
Response: 1028488
Conc: 5.59 ng/ml



#4 AR-1016-2

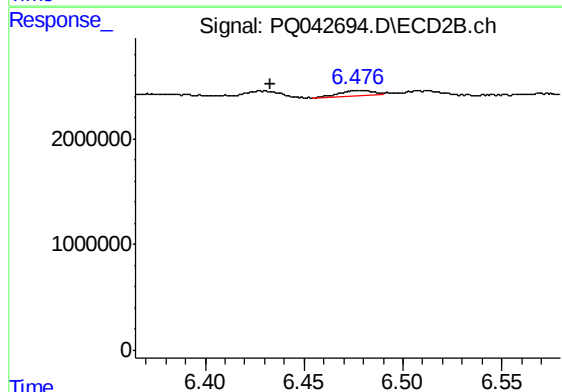
R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 804877
Conc: 5.01 ng/ml



#6 AR-1016-4

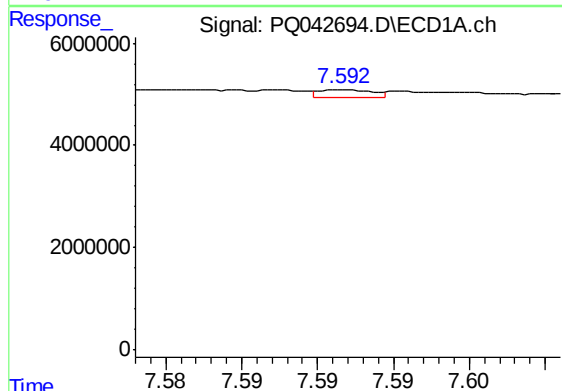
R.T.: 7.248 min
Delta R.T.: -0.036 min
Response: 3142192
Conc: 35.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



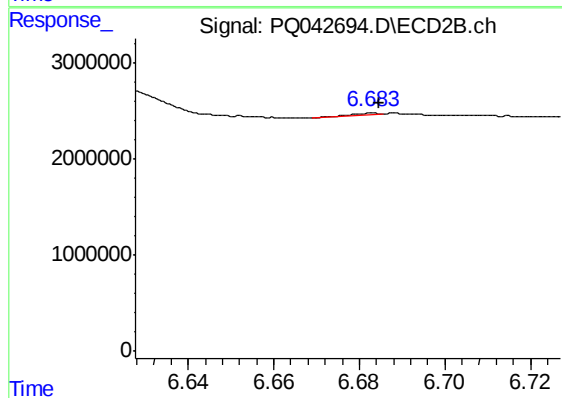
#6 AR-1016-4

R.T.: 6.476 min
Delta R.T.: 0.043 min
Response: 515176
Conc: 7.13 ng/ml



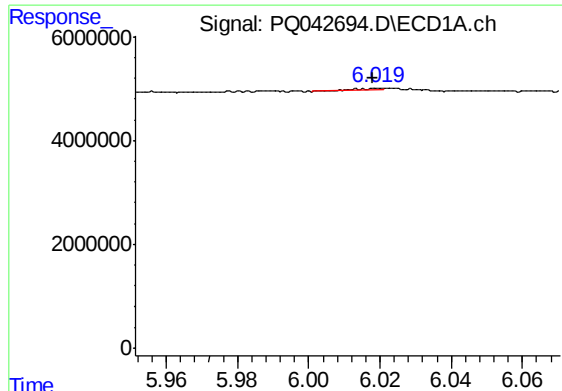
#7 AR-1016-5

R.T.: 7.592 min
Delta R.T.: -0.025 min
Response: 379816
Conc: 4.49 ng/ml



#7 AR-1016-5

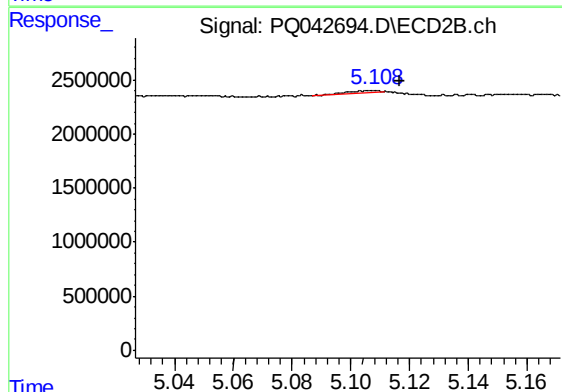
R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 76163
Conc: 0.85 ng/ml



#9 AR-1221-2

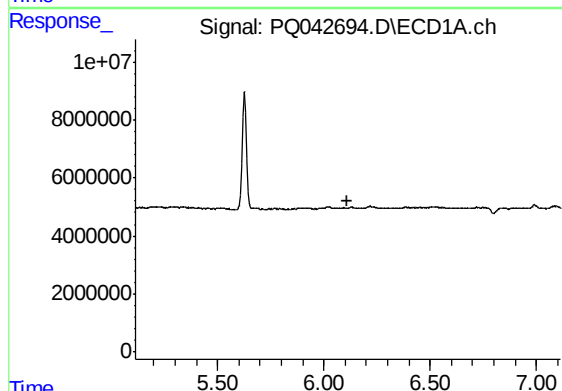
R.T.: 6.019 min
Delta R.T.: 0.001 min
Response: 209009
Conc: 8.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



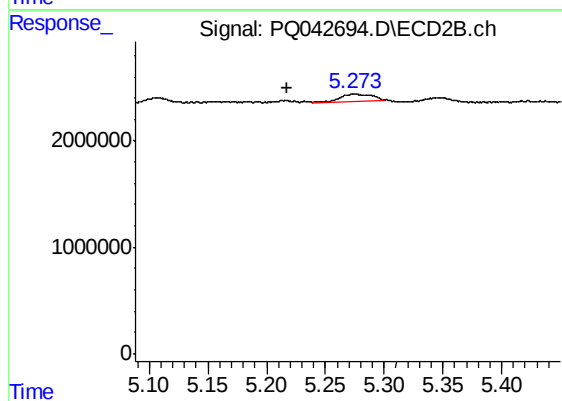
#9 AR-1221-2

R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 144768
Conc: 6.02 ng/ml



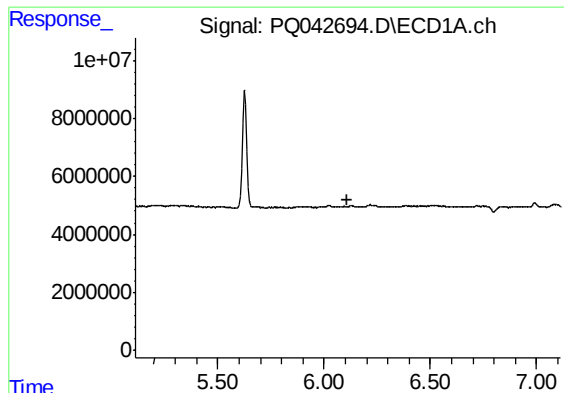
#10 AR-1221-3

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



#10 AR-1221-3

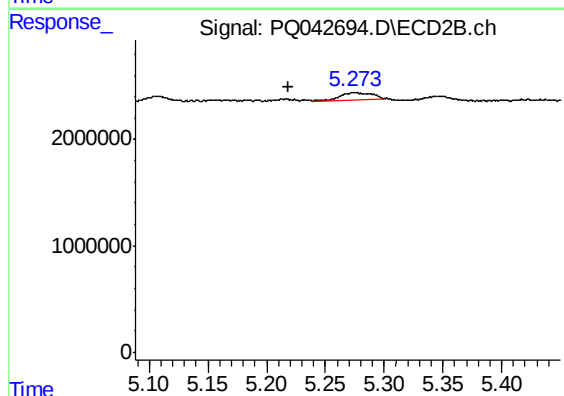
R.T.: 5.274 min
Delta R.T.: 0.056 min
Response: 1202818
Conc: 14.56 ng/ml



#11 AR-1232-1

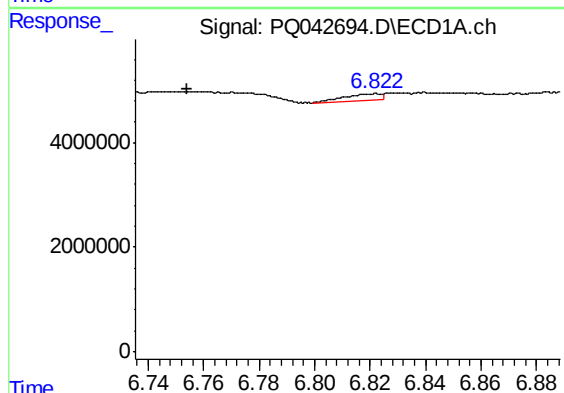
R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ20



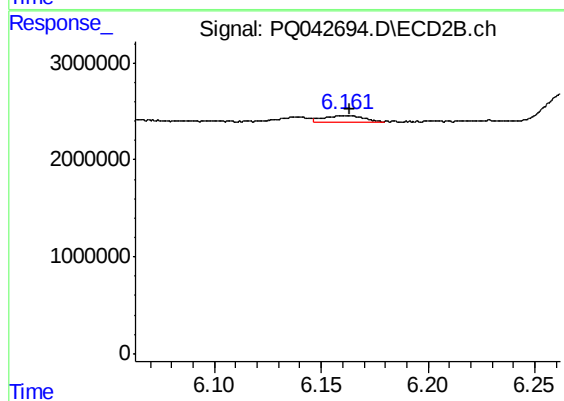
#11 AR-1232-1

R.T.: 5.274 min
Delta R.T.: 0.056 min
Response: 1202818
Conc: 17.85 ng/ml



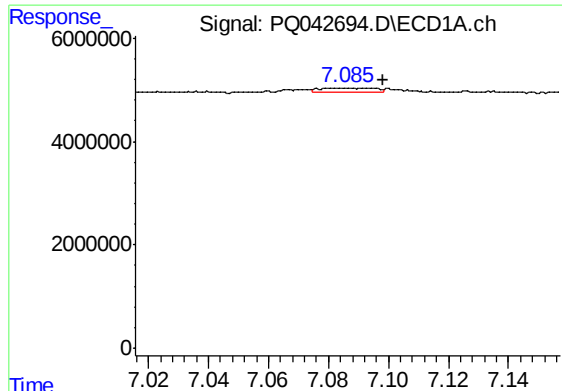
#12 AR-1232-2

R.T.: 6.822 min
Delta R.T.: 0.068 min
Response: 1046296
Conc: 28.43 ng/ml



#12 AR-1232-2

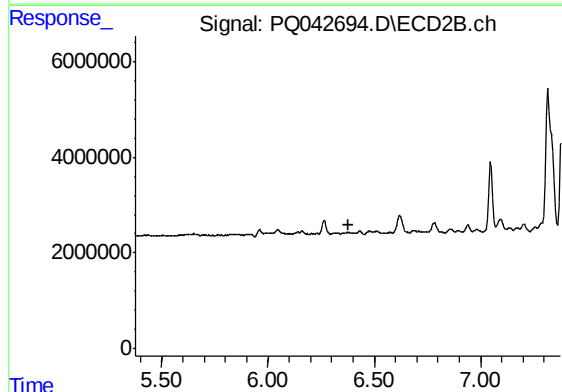
R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 804877
Conc: 10.54 ng/ml



#13 AR-1232-3

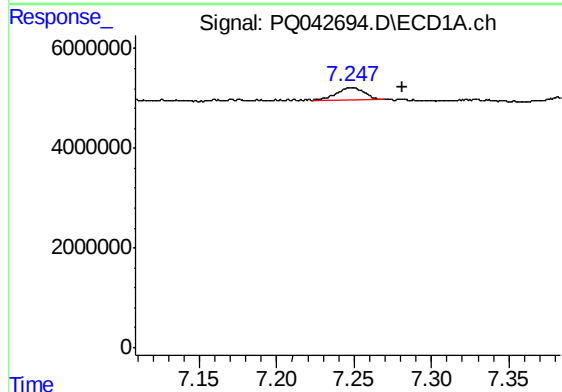
R.T.: 7.086 min
Delta R.T.: -0.012 min
Response: 1028488
Conc: 12.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



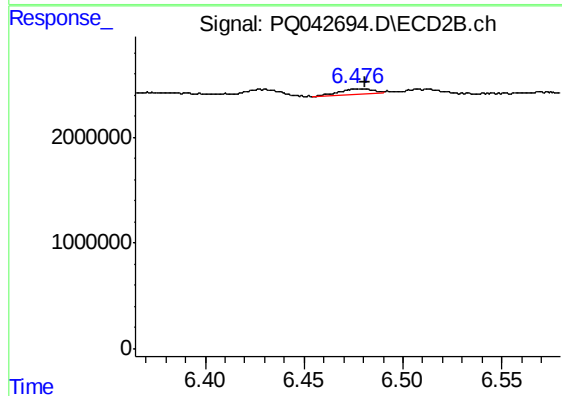
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.



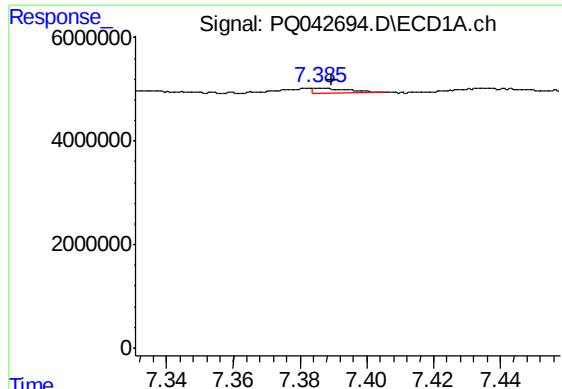
#14 AR-1232-4

R.T.: 7.248 min
Delta R.T.: -0.034 min
Response: 3142192
Conc: 77.07 ng/ml



#14 AR-1232-4

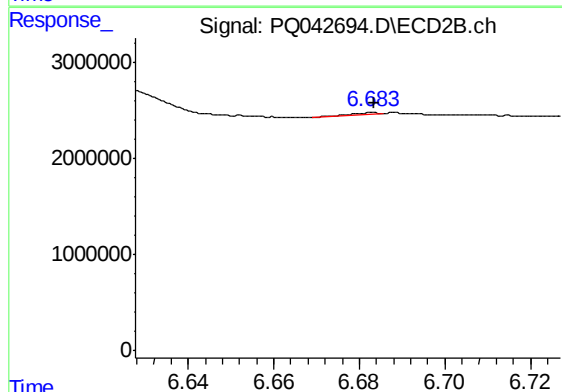
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 515176
Conc: 12.95 ng/ml



#15 AR-1232-5

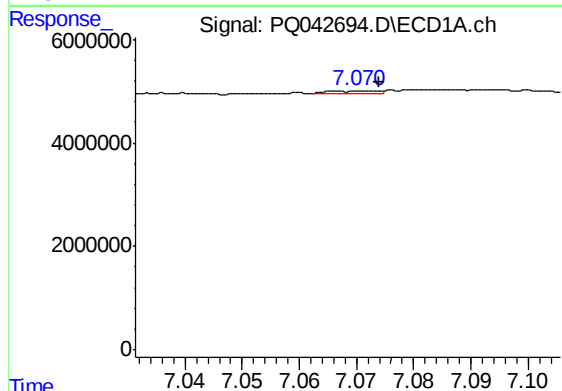
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 681767
Conc: 27.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



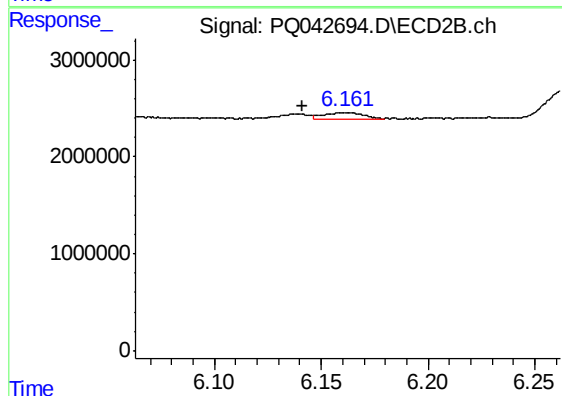
#15 AR-1232-5

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 76163
Conc: 1.92 ng/ml



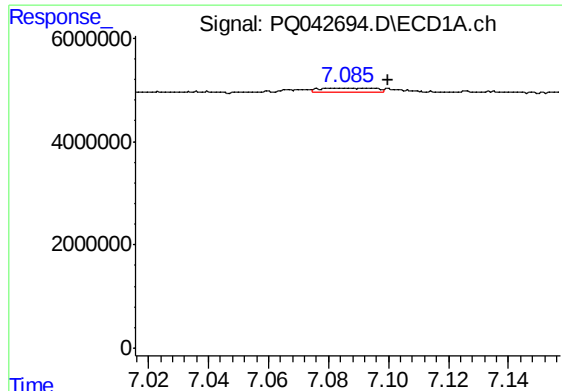
#16 AR-1242-1

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 354356
Conc: 3.40 ng/ml



#16 AR-1242-1

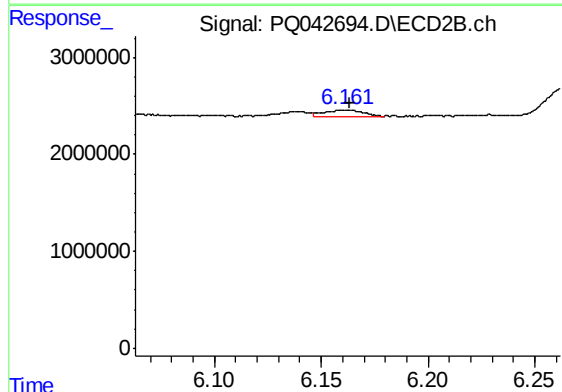
R.T.: 6.161 min
Delta R.T.: 0.020 min
Response: 804877
Conc: 7.79 ng/ml



#17 AR-1242-2

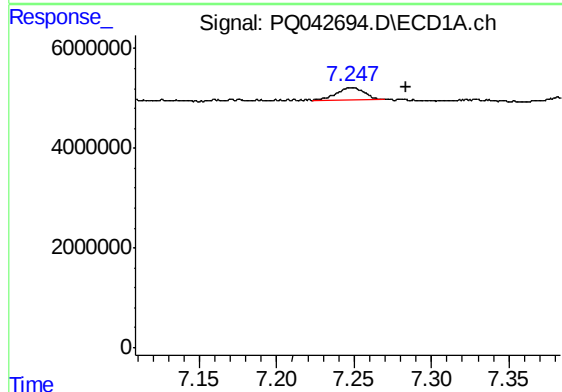
R.T.: 7.086 min
Delta R.T.: -0.014 min
Response: 1028488
Conc: 6.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



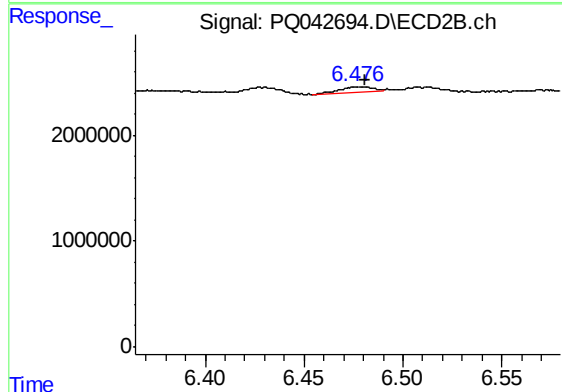
#17 AR-1242-2

R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 804877
Conc: 5.68 ng/ml



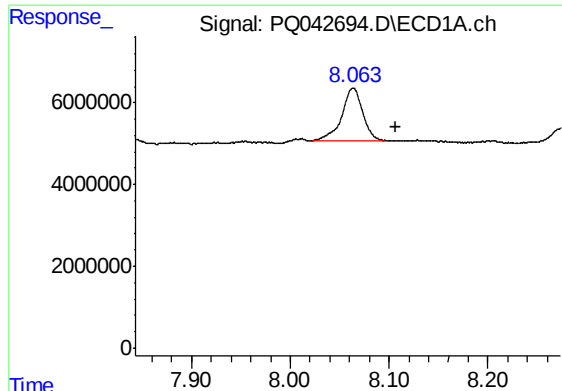
#19 AR-1242-4

R.T.: 7.248 min
Delta R.T.: -0.036 min
Response: 3142192
Conc: 40.85 ng/ml



#19 AR-1242-4

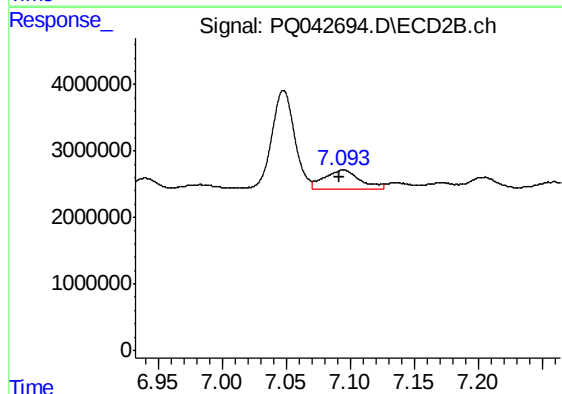
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 515176
Conc: 6.73 ng/ml



#20 AR-1242-5

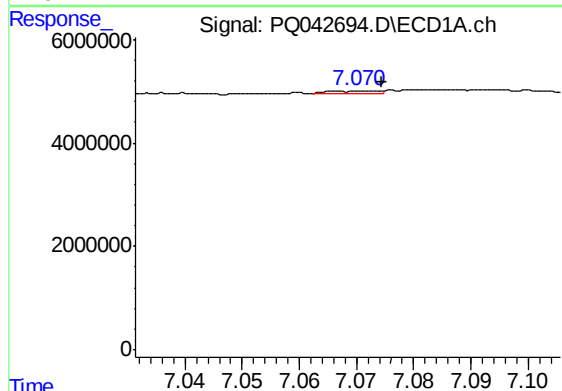
R.T.: 8.063 min
Delta R.T.: -0.043 min
Response: 18931173
Conc: 200.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



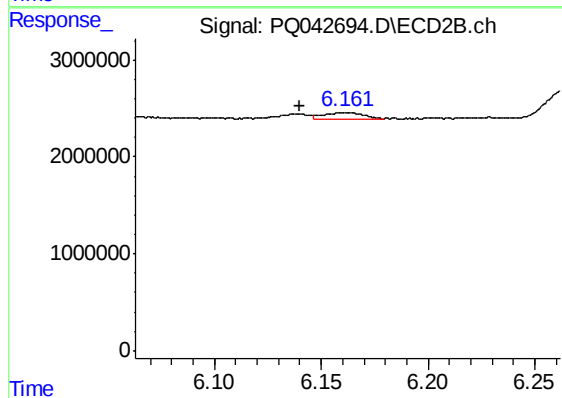
#20 AR-1242-5

R.T.: 7.094 min
Delta R.T.: 0.001 min
Response: 5632751
Conc: 50.25 ng/ml



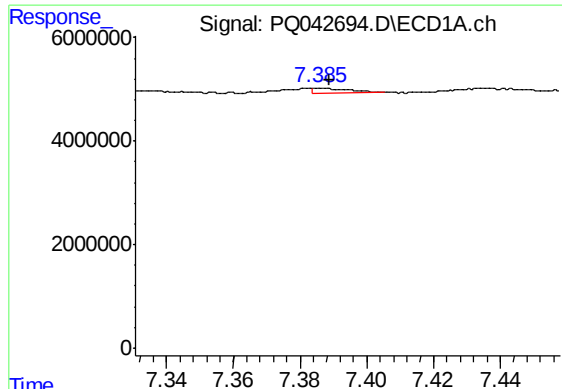
#21 AR-1248-1

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 354356
Conc: 4.25 ng/ml



#21 AR-1248-1

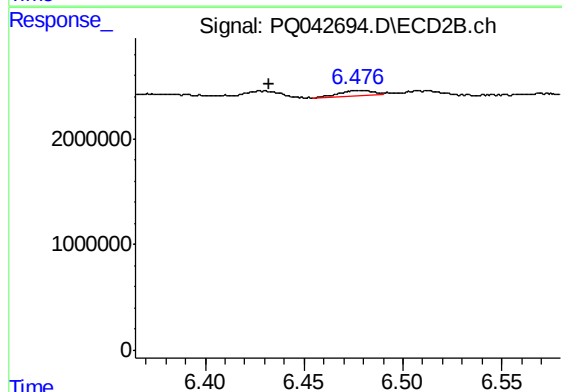
R.T.: 6.161 min
Delta R.T.: 0.021 min
Response: 804877
Conc: 9.79 ng/ml



#22 AR-1248-2

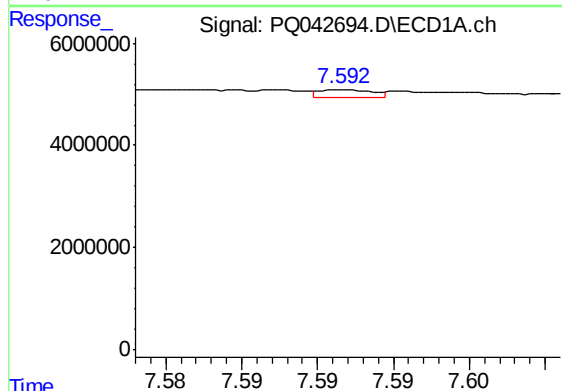
R.T.: 7.385 min
Delta R.T.: -0.003 min
Response: 681767
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



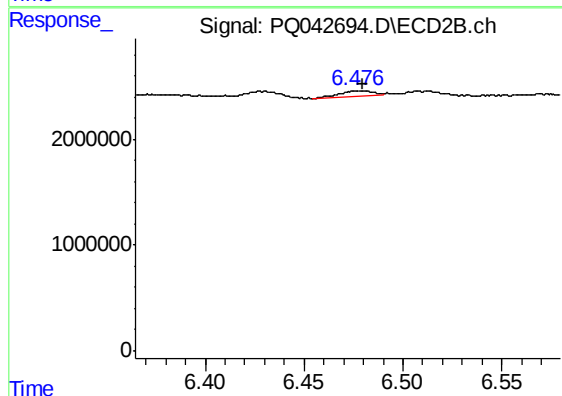
#22 AR-1248-2

R.T.: 6.476 min
Delta R.T.: 0.044 min
Response: 515176
Conc: 4.68 ng/ml



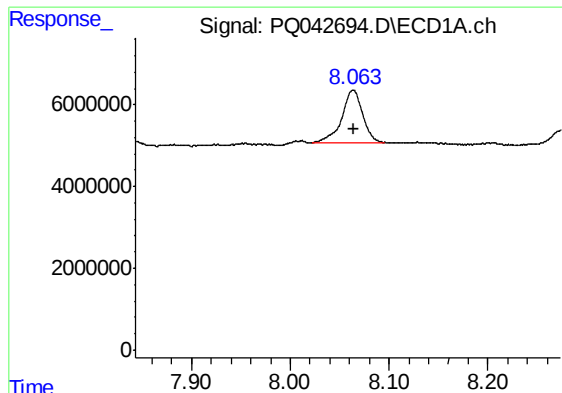
#23 AR-1248-3

R.T.: 7.592 min
Delta R.T.: -0.025 min
Response: 379816
Conc: 2.99 ng/ml



#23 AR-1248-3

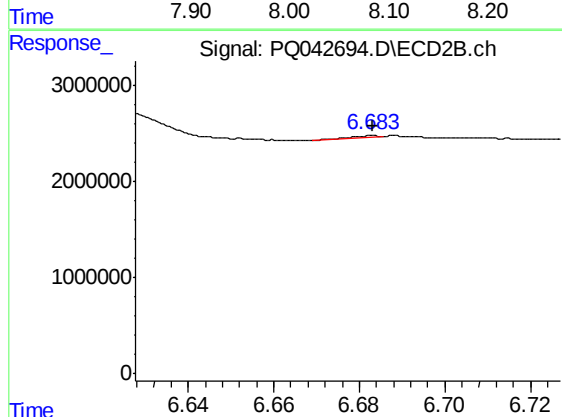
R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 515176
Conc: 4.57 ng/ml



#24 AR-1248-4

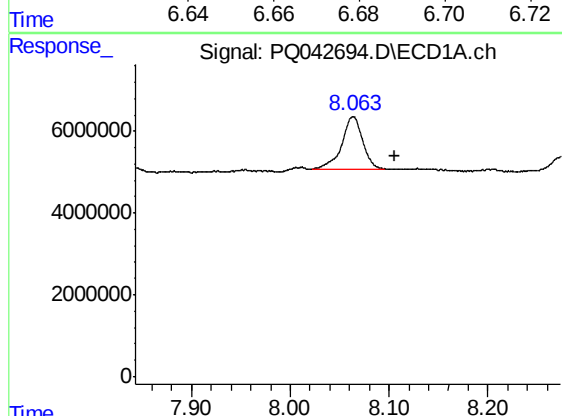
R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 18931173
Conc: 114.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



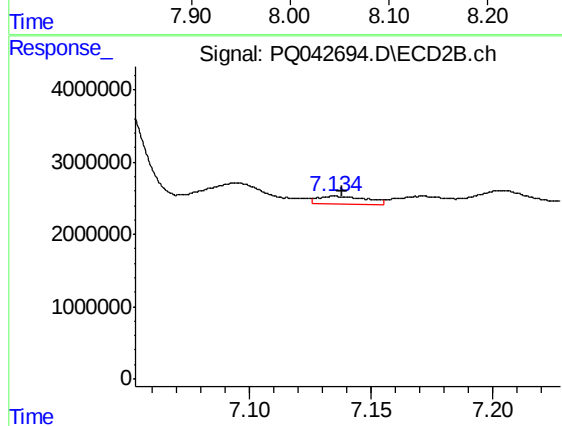
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 76163
Conc: 0.56 ng/ml



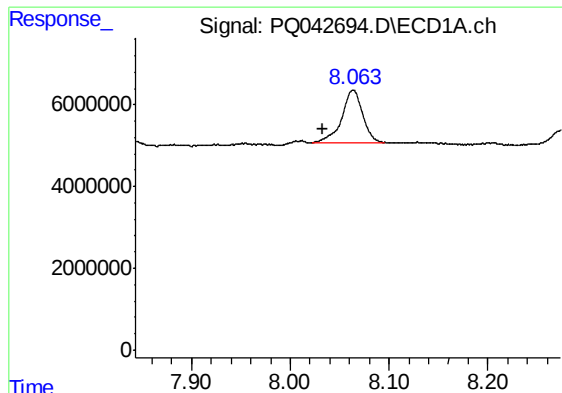
#25 AR-1248-5

R.T.: 8.063 min
Delta R.T.: -0.042 min
Response: 18931173
Conc: 118.91 ng/ml



#25 AR-1248-5

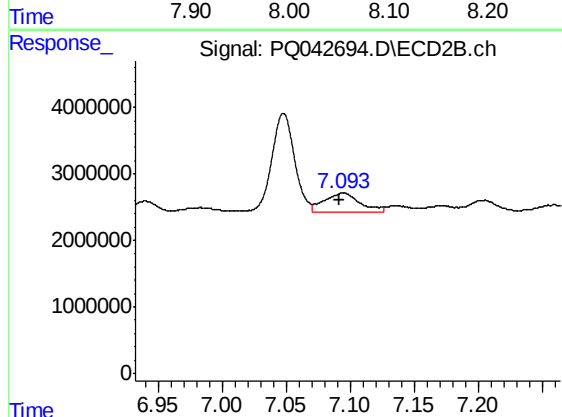
R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 1509487
Conc: 9.59 ng/ml



#26 AR-1254-1

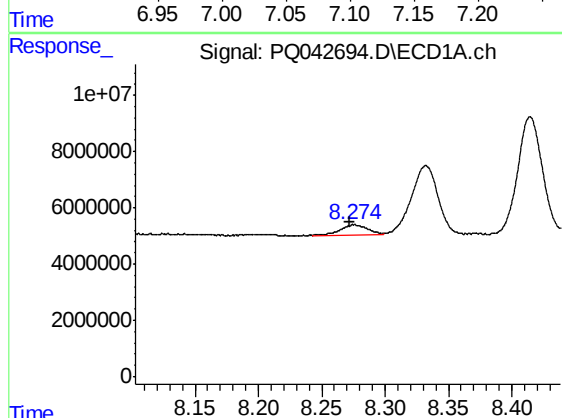
R.T.: 8.063 min
Delta R.T.: 0.030 min
Response: 18931173
Conc: 129.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



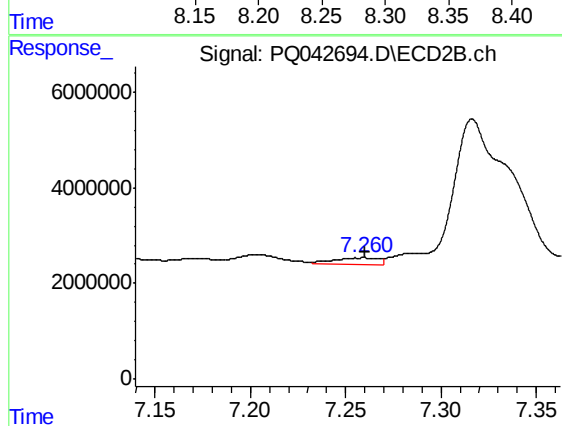
#26 AR-1254-1

R.T.: 7.094 min
Delta R.T.: 0.002 min
Response: 5632751
Conc: 24.96 ng/ml



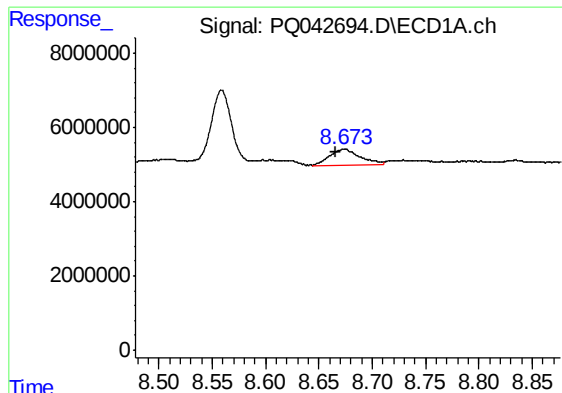
#27 AR-1254-2

R.T.: 8.275 min
Delta R.T.: 0.003 min
Response: 5740176
Conc: 23.93 ng/ml



#27 AR-1254-2

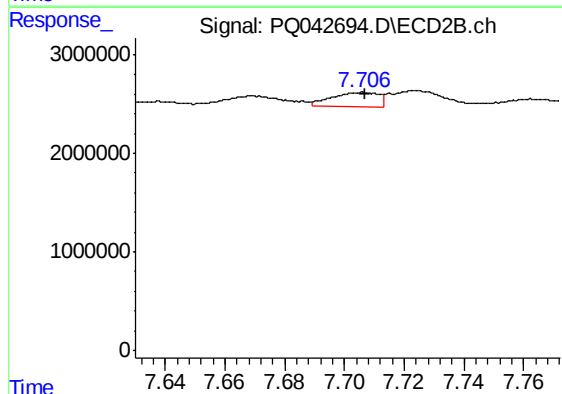
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 2216652
Conc: 10.96 ng/ml



#28 AR-1254-3

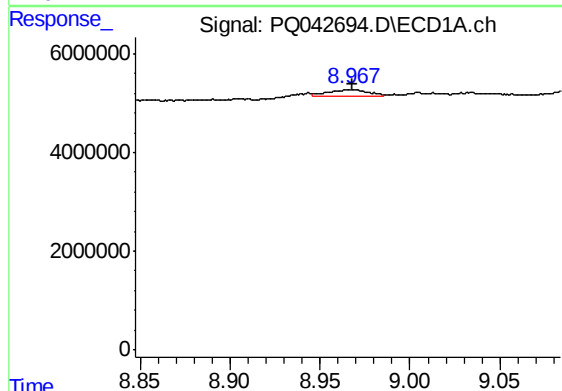
R.T.: 8.674 min
Delta R.T.: 0.008 min
Response: 8188524
Conc: 28.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



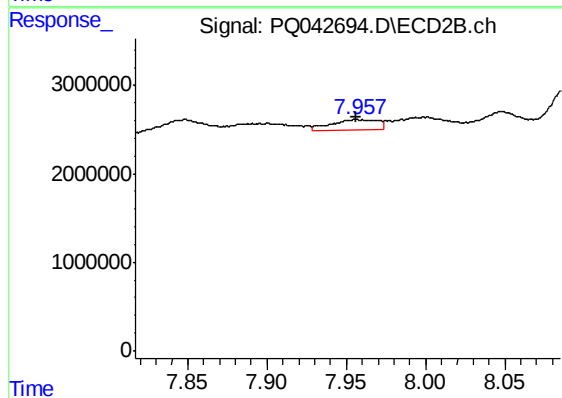
#28 AR-1254-3

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 1540299
Conc: 4.37 ng/ml



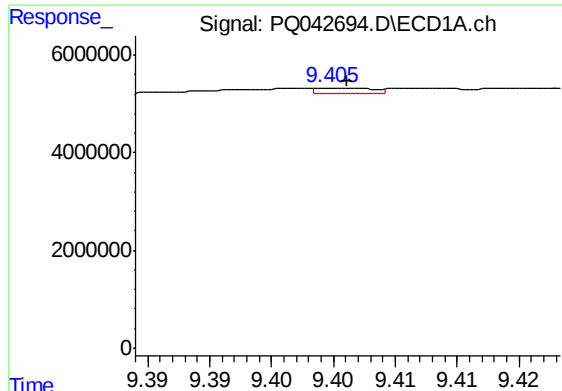
#29 AR-1254-4

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 2318767
Conc: 9.72 ng/ml



#29 AR-1254-4

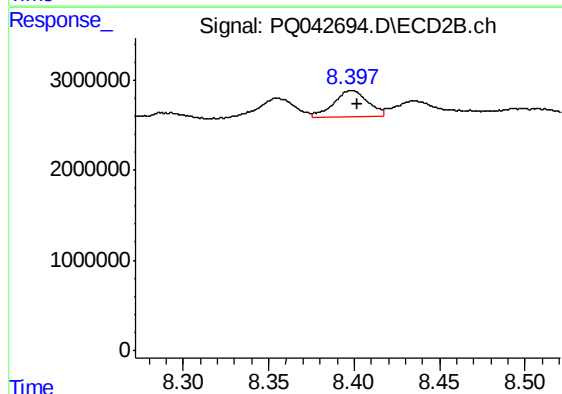
R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 2439828
Conc: 9.51 ng/ml



#30 AR-1254-5

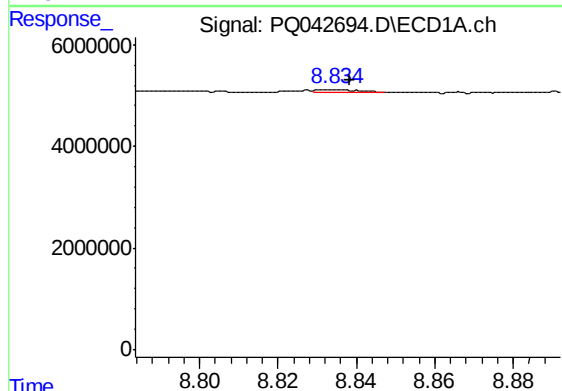
R.T.: 9.405 min
Delta R.T.: -0.001 min
Response: 375142
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



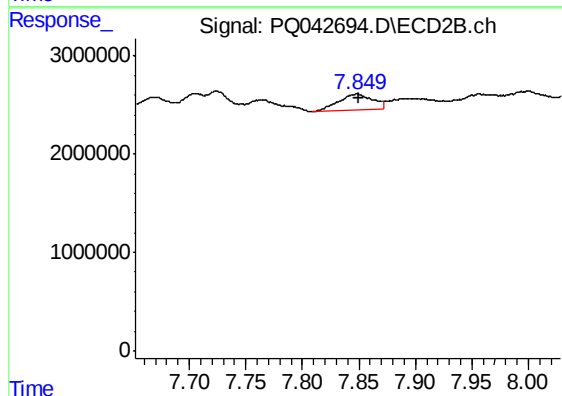
#30 AR-1254-5

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 3992091
Conc: 10.99 ng/ml



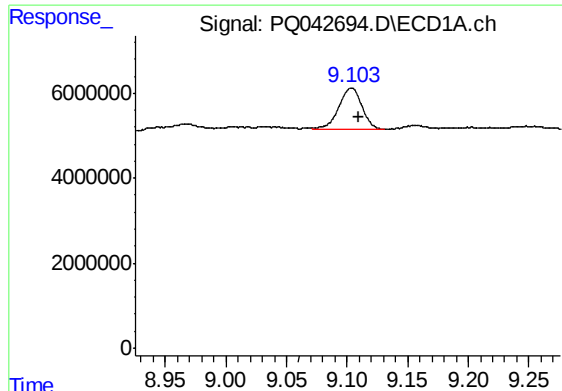
#31 AR-1260-1

R.T.: 8.834 min
Delta R.T.: -0.004 min
Response: 406354
Conc: 2.30 ng/ml



#31 AR-1260-1

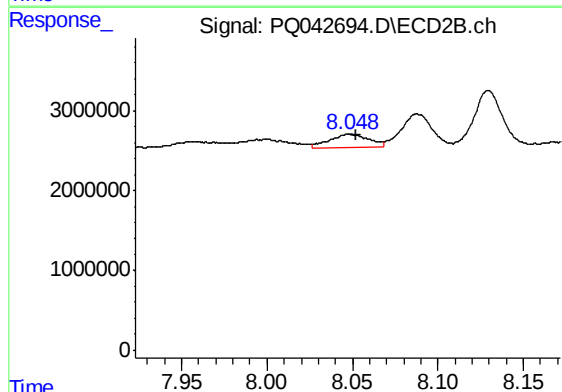
R.T.: 7.849 min
Delta R.T.: -0.001 min
Response: 3513350
Conc: 17.22 ng/ml



#32 AR-1260-2

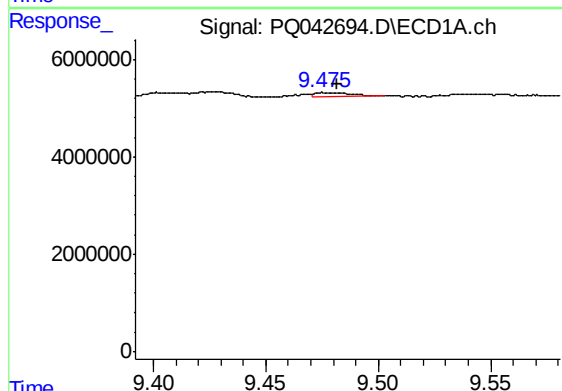
R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 13043578
Conc: 54.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



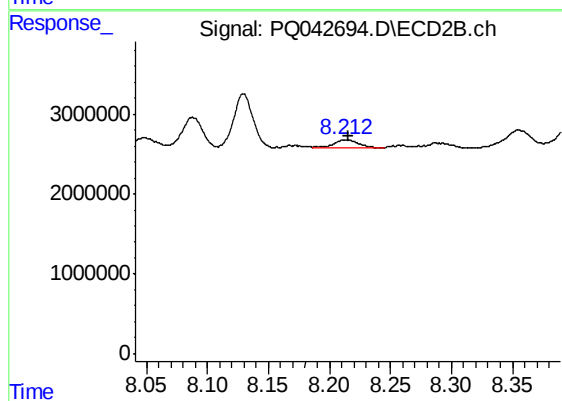
#32 AR-1260-2

R.T.: 8.048 min
Delta R.T.: -0.004 min
Response: 2744966
Conc: 10.25 ng/ml



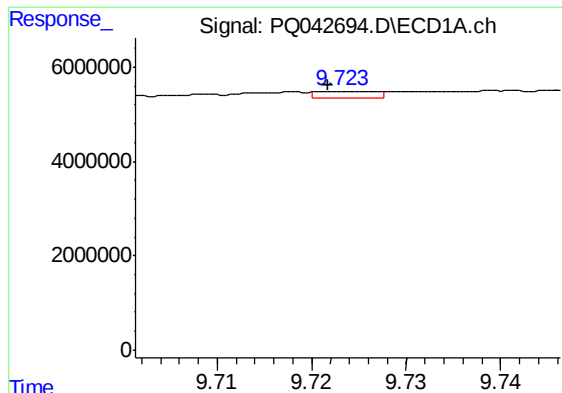
#33 AR-1260-3

R.T.: 9.475 min
Delta R.T.: -0.006 min
Response: 927466
Conc: 4.29 ng/ml



#33 AR-1260-3

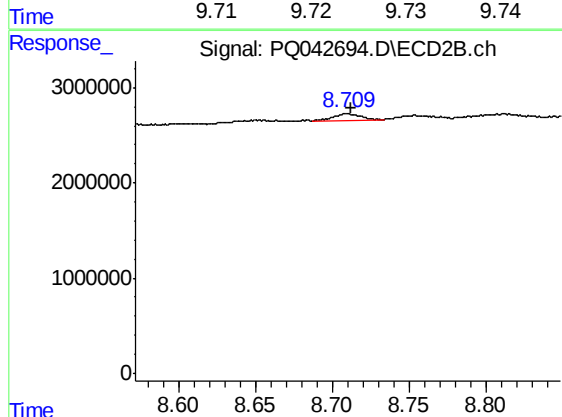
R.T.: 8.212 min
Delta R.T.: -0.003 min
Response: 1449757
Conc: 6.08 ng/ml



#34 AR-1260-4

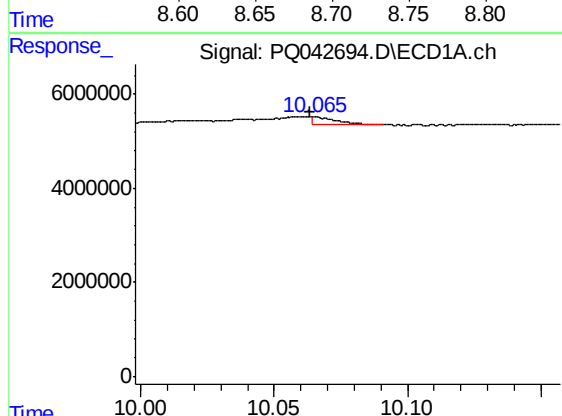
R.T.: 9.723 min
Delta R.T.: 0.002 min
Response: 576856
Conc: 2.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



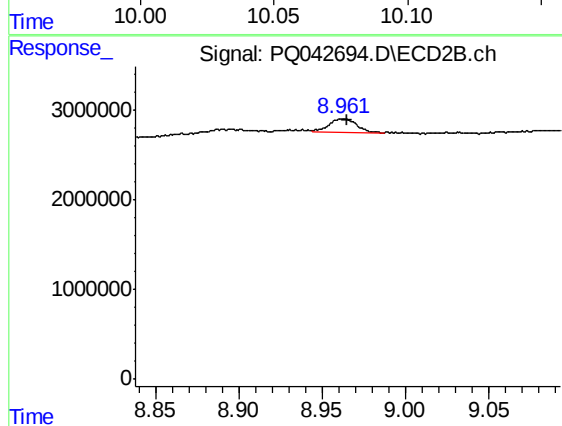
#34 AR-1260-4

R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 984222
Conc: 4.34 ng/ml



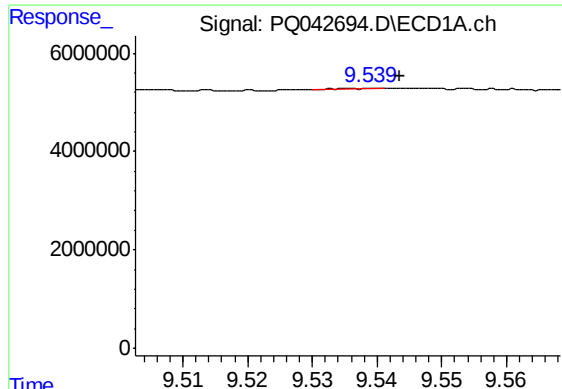
#35 AR-1260-5

R.T.: 10.066 min
Delta R.T.: 0.002 min
Response: 1084959
Conc: 1.83 ng/ml



#35 AR-1260-5

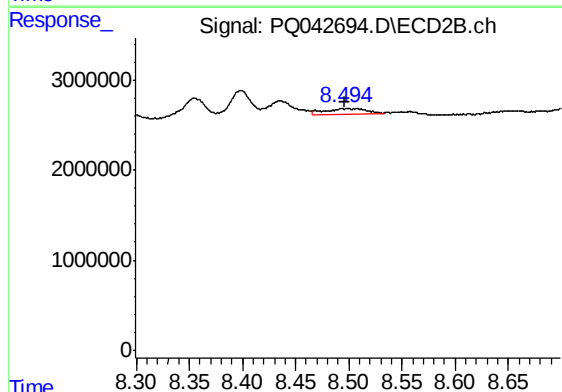
R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 1805181
Conc: 2.90 ng/ml



#36 AR-1262-1

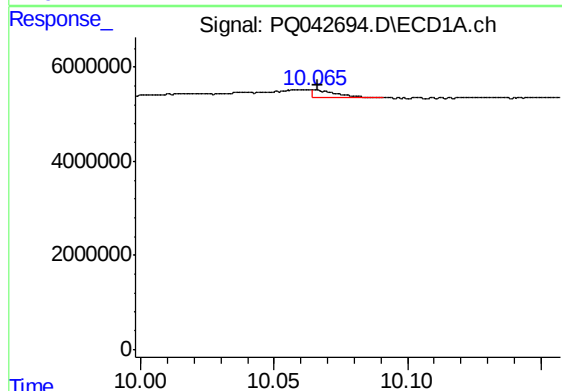
R.T.: 9.539 min
Delta R.T.: -0.004 min
Response: 57438
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



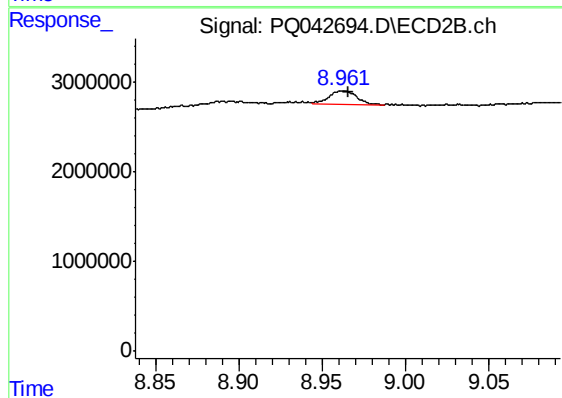
#36 AR-1262-1

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 1535529
Conc: 8.97 ng/ml



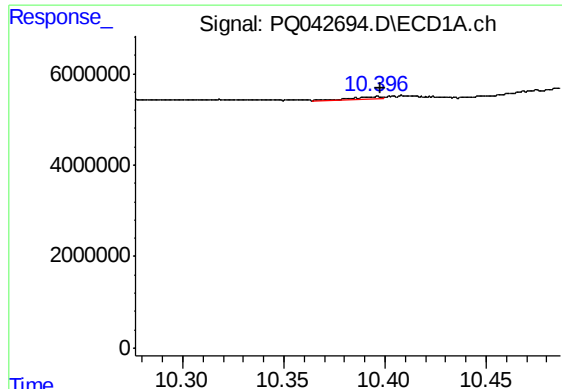
#37 AR-1262-2

R.T.: 10.066 min
Delta R.T.: 0.000 min
Response: 1084959
Conc: 1.44 ng/ml



#37 AR-1262-2

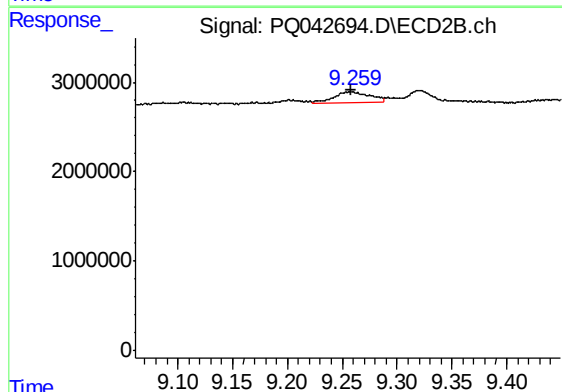
R.T.: 8.962 min
Delta R.T.: -0.004 min
Response: 1805181
Conc: 2.16 ng/ml



#38 AR-1262-3

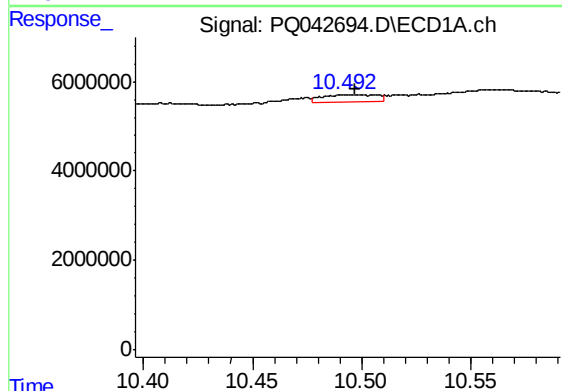
R.T.: 10.397 min
Delta R.T.: -0.001 min
Response: 623926
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



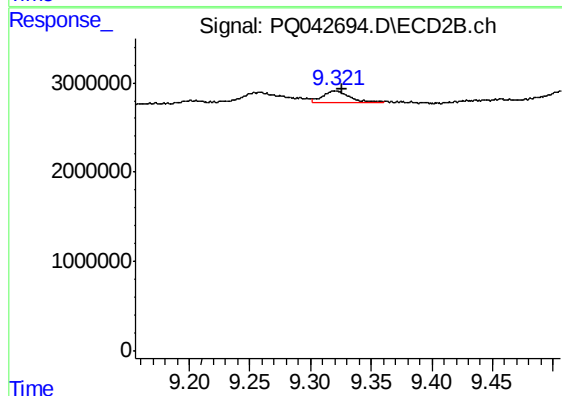
#38 AR-1262-3

R.T.: 9.259 min
Delta R.T.: 0.001 min
Response: 2751862
Conc: 7.74 ng/ml



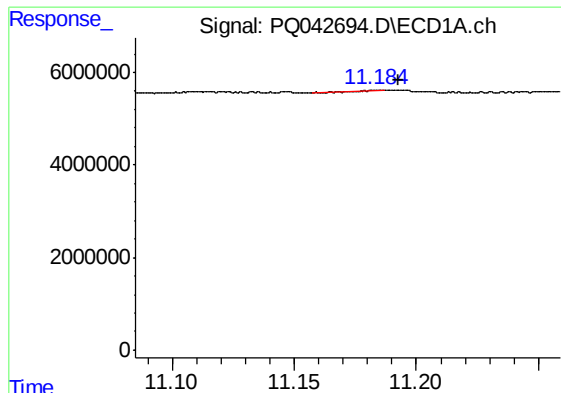
#39 AR-1262-4

R.T.: 10.494 min
Delta R.T.: -0.003 min
Response: 2751059
Conc: 6.33 ng/ml



#39 AR-1262-4

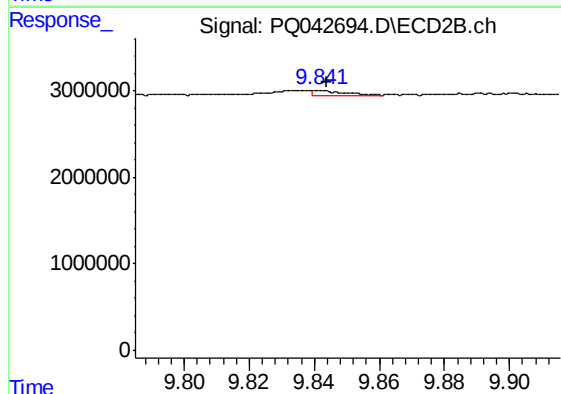
R.T.: 9.322 min
Delta R.T.: -0.004 min
Response: 1948273
Conc: 3.02 ng/ml



#40 AR-1262-5

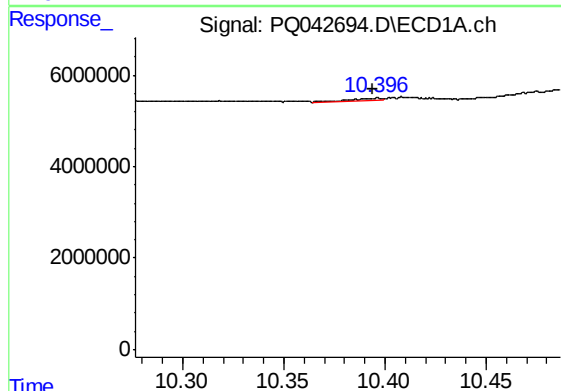
R.T.: 11.184 min
Delta R.T.: -0.008 min
Response: 45582
Conc: 0.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



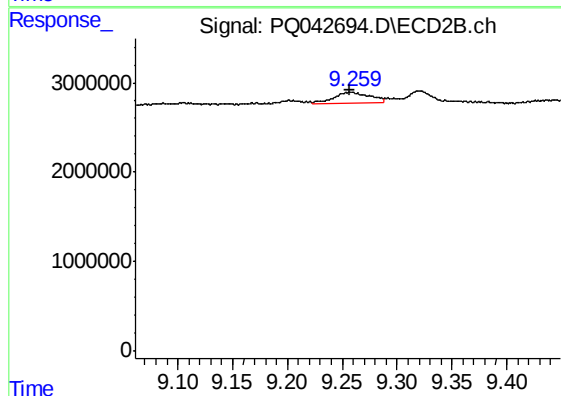
#40 AR-1262-5

R.T.: 9.841 min
Delta R.T.: -0.002 min
Response: 372107
Conc: 1.18 ng/ml



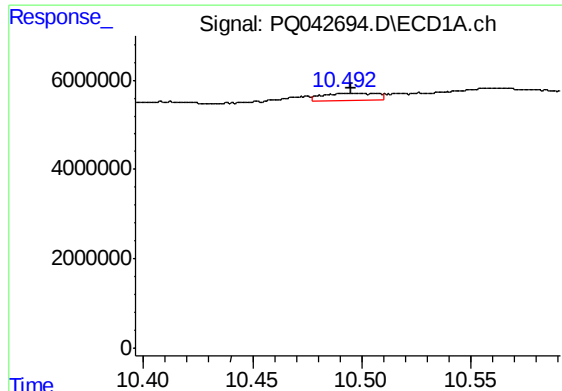
#41 AR-1268-1

R.T.: 10.397 min
Delta R.T.: 0.002 min
Response: 623926
Conc: 0.65 ng/ml



#41 AR-1268-1

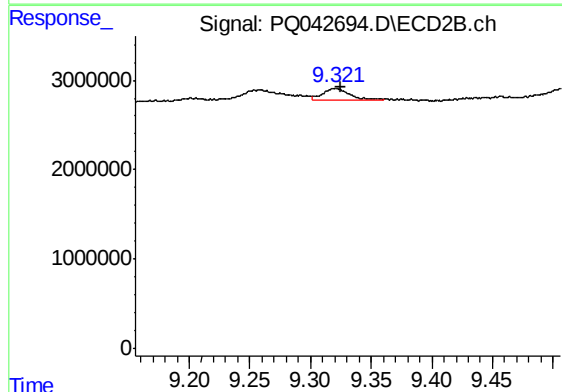
R.T.: 9.259 min
Delta R.T.: 0.002 min
Response: 2751862
Conc: 2.74 ng/ml



#42 AR-1268-2

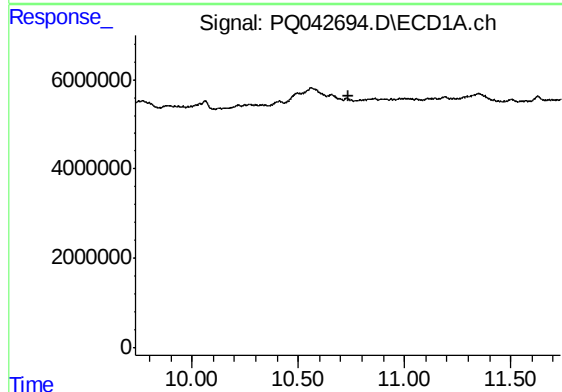
R.T.: 10.494 min
Delta R.T.: -0.002 min
Response: 2751059
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



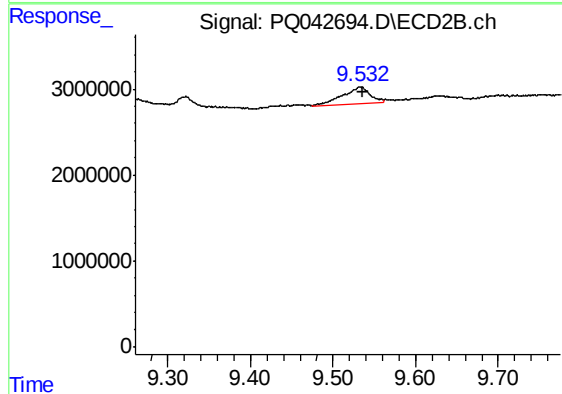
#42 AR-1268-2

R.T.: 9.322 min
Delta R.T.: -0.004 min
Response: 1948273
Conc: 2.07 ng/ml



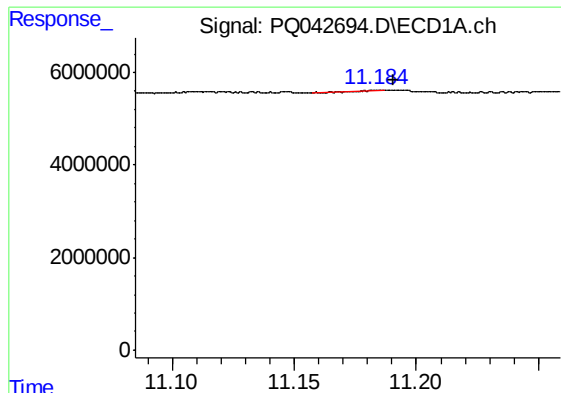
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.734 min
Response: 0
Conc: N.D.



#43 AR-1268-3

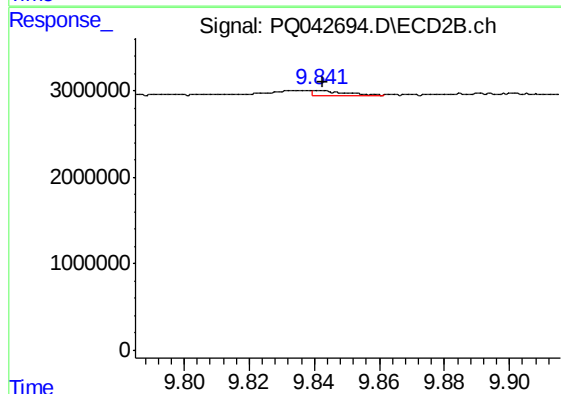
R.T.: 9.532 min
Delta R.T.: -0.003 min
Response: 4648958
Conc: 5.84 ng/ml



#44 AR-1268-4

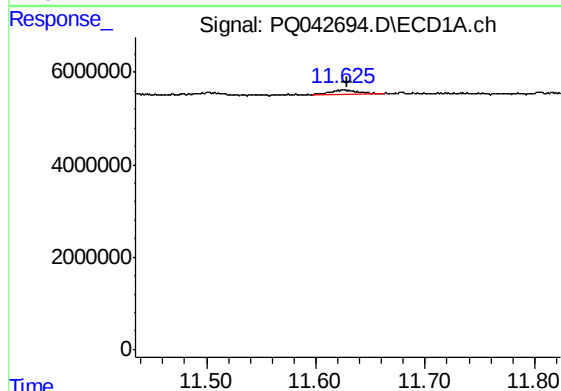
R.T.: 11.184 min
Delta R.T.: -0.006 min
Response: 45582
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ20



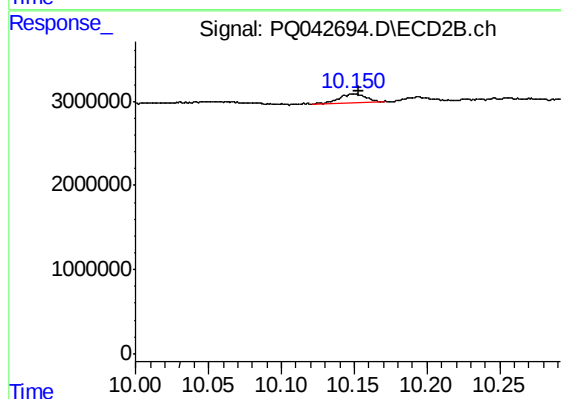
#44 AR-1268-4

R.T.: 9.841 min
Delta R.T.: -0.001 min
Response: 372107
Conc: 1.09 ng/ml



#45 AR-1268-5

R.T.: 11.625 min
Delta R.T.: -0.003 min
Response: 1770581
Conc: 0.63 ng/ml



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.002 min
Response: 1418788
Conc: 0.55 ng/ml