

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 19:03
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:35:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.704	3.985	179.9E6	95605226	24.320	23.330
2)	SA Decachlor...	10.641	9.104	139.2E6	69968309	26.733	22.446
Target Compounds							
3)	L1 AR-1016-1	5.905	0.000	3077697	0	13.450	N.D. #
4)	L1 AR-1016-2	5.905	0.000	3077697	0	9.151	N.D. #
5)	L1 AR-1016-3	5.974	5.322	1572967	-19779	7.838	N.D. #
6)	L1 AR-1016-4	6.085	5.322	2312885	-19779	14.055	N.D. #
7)	L1 AR-1016-5	6.380	0.000	3138637	0	19.840	N.D. #
8)	L2 AR-1221-1	4.905	0.000	611493	0	8.674	N.D. #
9)	L2 AR-1221-2	5.016	4.292	3532130	1805556	70.445	61.390
10)	L2 AR-1221-3	5.074	0.000	867939	0	5.415	N.D. #
11)	L3 AR-1232-1	5.074	0.000	867939	0	6.528	N.D. #
12)	L3 AR-1232-2	5.644	0.000	2119536	0	32.790	N.D. #
13)	L3 AR-1232-3	5.905	5.322	3077697	-19779	23.954	N.D. #
14)	L3 AR-1232-4	6.085	5.322	2312885	-19779	35.443	N.D. #
15)	L3 AR-1232-5	6.153	0.000	2408252	0	48.793	N.D. #
16)	L4 AR-1242-1	5.905	0.000	3077697	0	19.179	N.D. #
17)	L4 AR-1242-2	5.905	0.000	3077697	0	13.049	N.D. #
18)	L4 AR-1242-3	5.974	5.322	1572967	-19779	10.816	N.D. #
19)	L4 AR-1242-4	6.085	5.322	2312885	-19779	19.350	N.D. #
20)	L4 AR-1242-5	6.831	5.895	802059	3328913	7.169	38.467 #
21)	L5 AR-1248-1	5.905	0.000	3077697	0	26.272	N.D. #
22)	L5 AR-1248-2	6.153	5.322	2408252	-19779	15.067	N.D. #
23)	L5 AR-1248-3	6.380	5.322	3138637	-19779	18.273	N.D. #
24)	L5 AR-1248-4	6.780	0.000	219565	0	1.238	N.D. #
25)	L5 AR-1248-5	6.831	5.895	802059	3328913	4.728	30.728 #
26)	L6 AR-1254-1	6.745	5.895	1422522	3328913	7.249	18.038 #
27)	L6 AR-1254-2	6.962	6.039	2104602	1606533	7.252	10.272 #
28)	L6 AR-1254-3	7.336	6.463	1581466	4110363	5.286	15.835 #
29)	L6 AR-1254-4	7.619	6.704	748425	560960	3.759	3.300
30)	L6 AR-1254-5	8.037	7.096	7845694	3419819	29.703	16.210 #
31)	L7 AR-1260-1	7.495	6.579	7496085	4013939	29.498	22.218
32)	L7 AR-1260-2	7.752	6.763	8065132	5098395	27.177	23.438
33)	L7 AR-1260-3	8.114	6.926	11025628	4533507	48.151	22.238 #
34)	L7 AR-1260-4	8.355	7.396	11614997	5775545	43.811	34.236
35)	L7 AR-1260-5	8.694	7.635	18293364	11030797	36.006	27.298
36)	L8 AR-1262-1	8.174	7.132	5051291	7062268	39.843	29.532 #
37)	L8 AR-1262-2	8.694	7.635	18293364	11030797	35.518	26.197 #
38)	L8 AR-1262-3	9.027	7.920	14465888	5233018	41.279	32.793
39)	L8 AR-1262-4	9.125	7.986	9704746	9470925	33.594	31.098
40)	L8 AR-1262-5	9.831	8.503	7293694	7348700	40.262	55.112 #
41)	L9 AR-1268-1	9.027	7.920	14465888	5233018	22.980	11.065 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

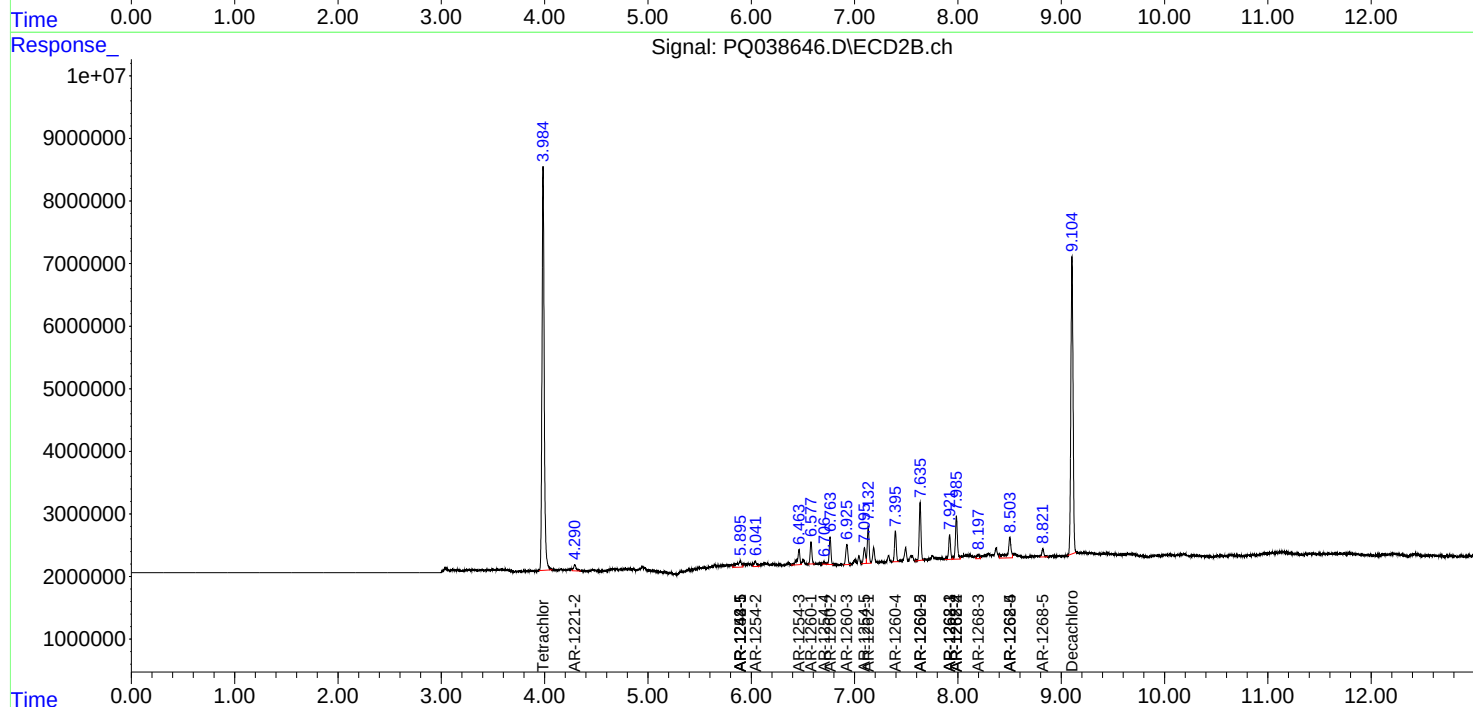
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

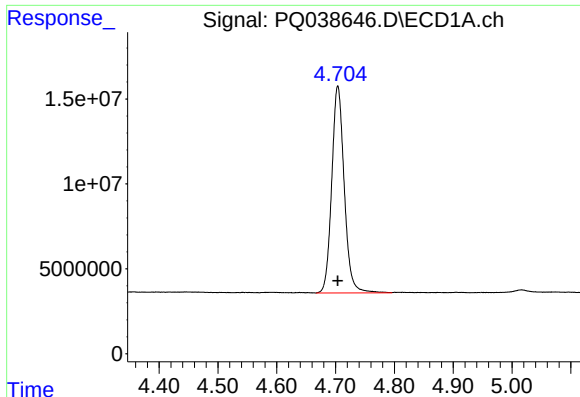
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.125	7.986	9704746	9470925	15.817	21.696 #
43) L9	AR-1268-3	9.373	8.198	4953111	1142533	9.819	3.205 #
44) L9	AR-1268-4	9.831	8.503	7293694	7348700	33.347	48.994 #
45) L9	AR-1268-5	10.278	8.822	6555989	1864002	3.816	1.614 #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

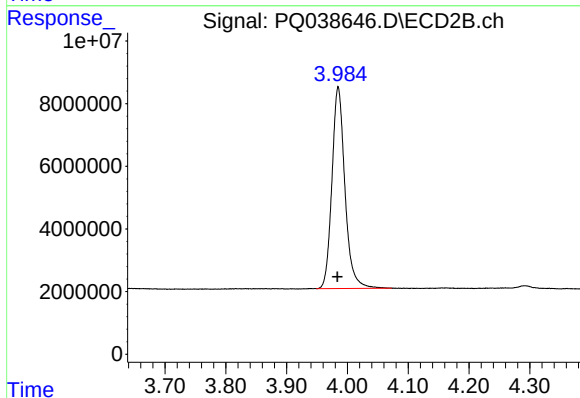




#1 Tetrachloro-m-xylene

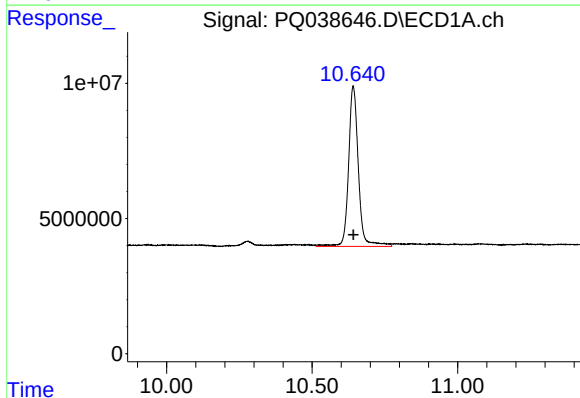
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 179895020
Conc: 24.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



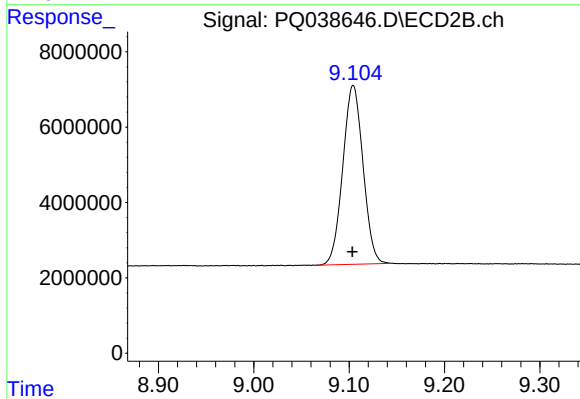
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 95605226
Conc: 23.33 ng/ml



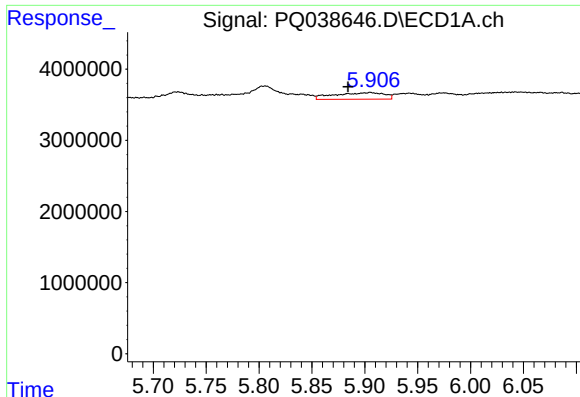
#2 Decachlorobiphenyl

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 139166000
Conc: 26.73 ng/ml



#2 Decachlorobiphenyl

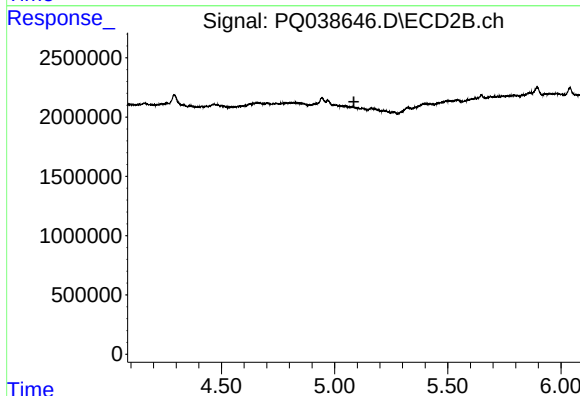
R.T.: 9.104 min
Delta R.T.: 0.000 min
Response: 69968309
Conc: 22.45 ng/ml



#3 AR-1016-1

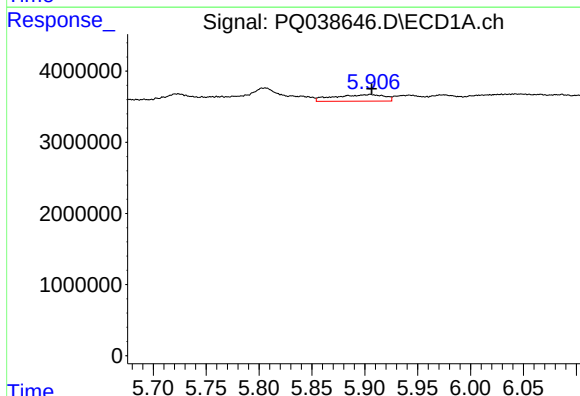
R.T.: 5.905 min
Delta R.T.: 0.021 min
Response: 3077697
Conc: 13.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



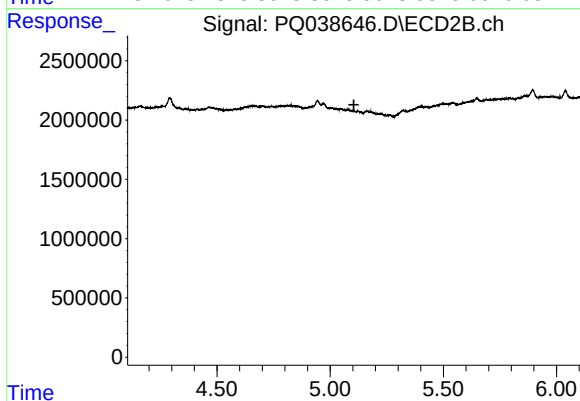
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



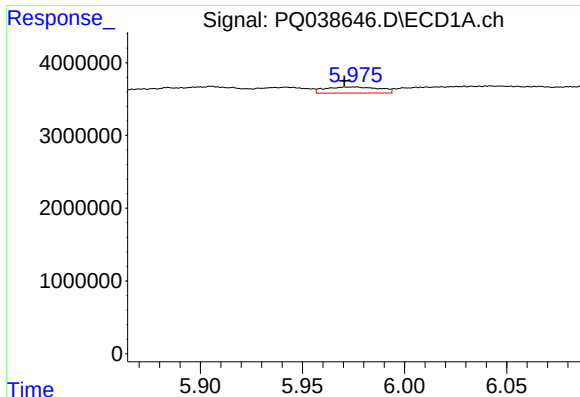
#4 AR-1016-2

R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 3077697
Conc: 9.15 ng/ml



#4 AR-1016-2

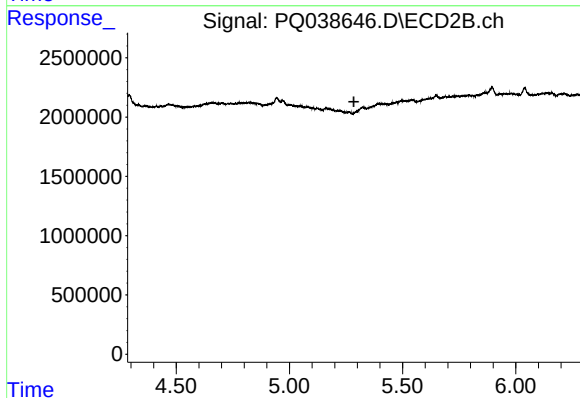
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#5 AR-1016-3

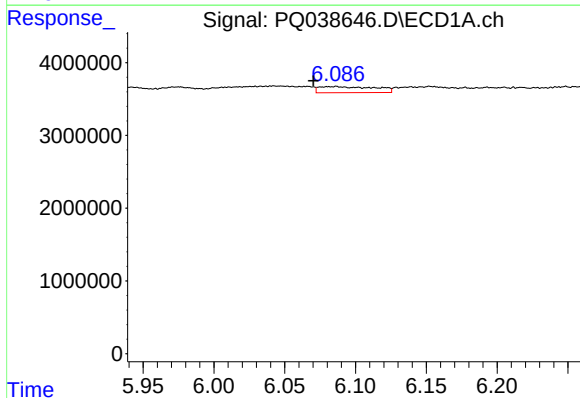
R.T.: 5.974 min
Delta R.T.: 0.004 min
Response: 1572967
Conc: 7.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



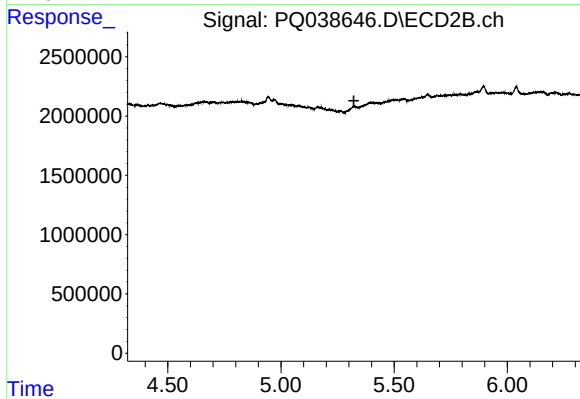
#5 AR-1016-3

R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: -19779
Conc: N.D.



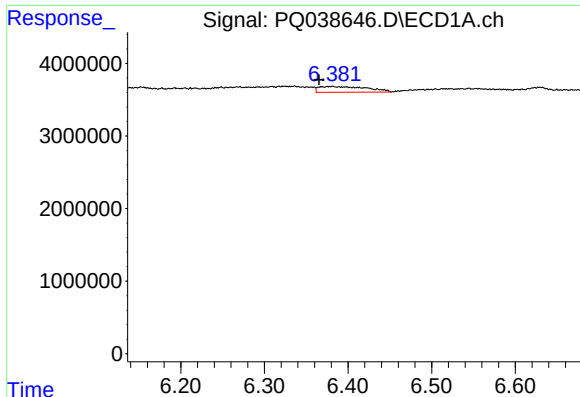
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: 0.014 min
Response: 2312885
Conc: 14.05 ng/ml



#6 AR-1016-4

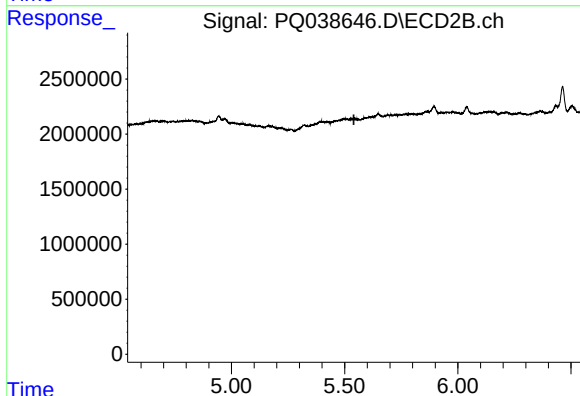
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: -19779
Conc: N.D.



#7 AR-1016-5

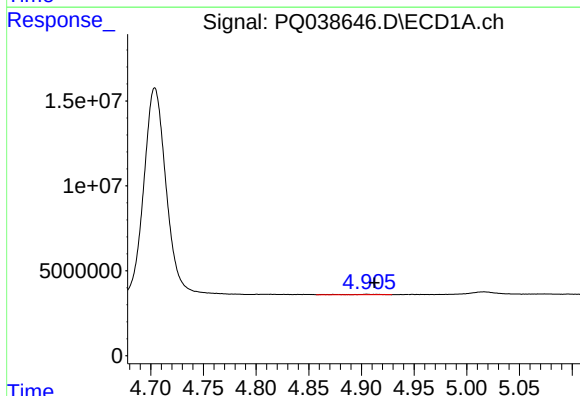
R.T.: 6.380 min
Delta R.T.: 0.014 min
Response: 3138637
Conc: 19.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



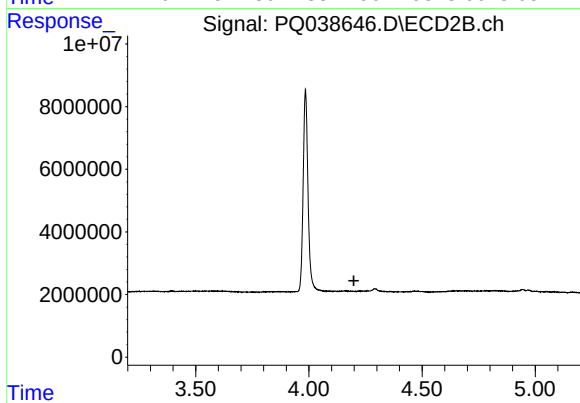
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.541 min
Response: 0
Conc: N.D.



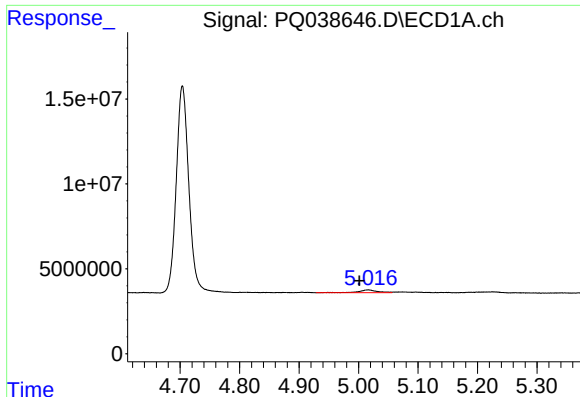
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: -0.007 min
Response: 611493
Conc: 8.67 ng/ml



#8 AR-1221-1

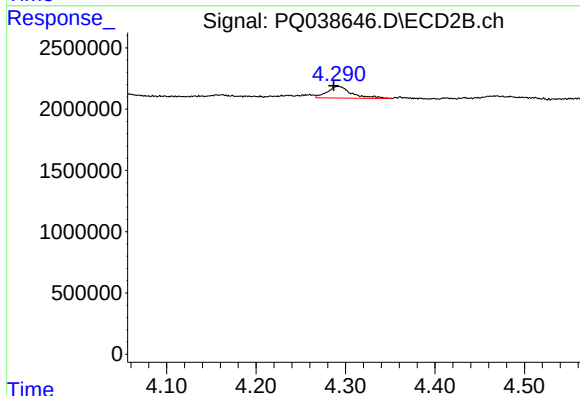
R.T.: 0.000 min
Exp R.T. : 4.199 min
Response: 0
Conc: N.D.



#9 AR-1221-2

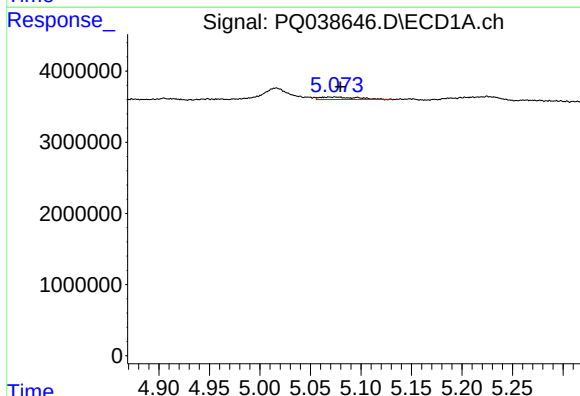
R.T.: 5.016 min
Delta R.T.: 0.015 min
Response: 3532130
Conc: 70.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



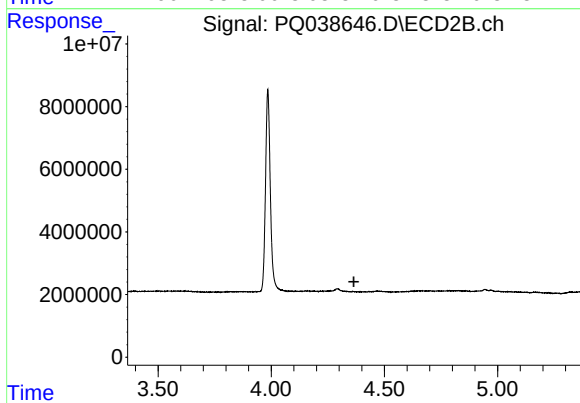
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: 0.005 min
Response: 1805556
Conc: 61.39 ng/ml



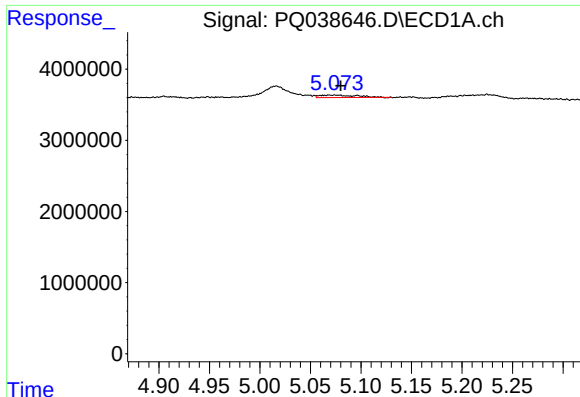
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: -0.005 min
Response: 867939
Conc: 5.41 ng/ml



#10 AR-1221-3

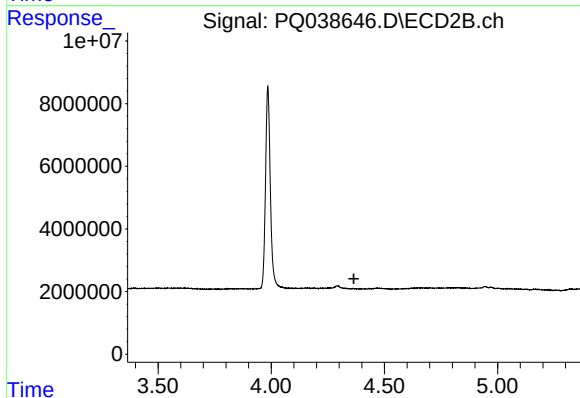
R.T.: 0.000 min
Exp R.T.: 4.365 min
Response: 0
Conc: N.D.



#11 AR-1232-1

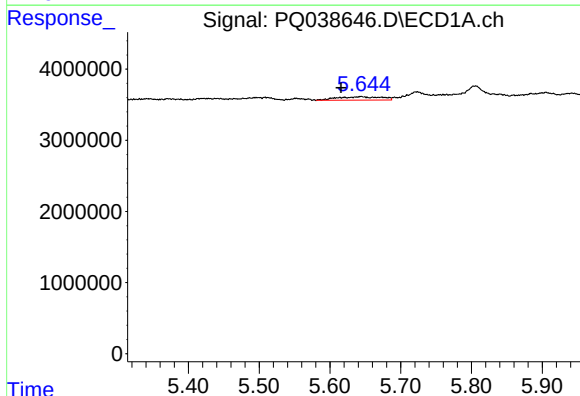
R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 867939
Conc: 6.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



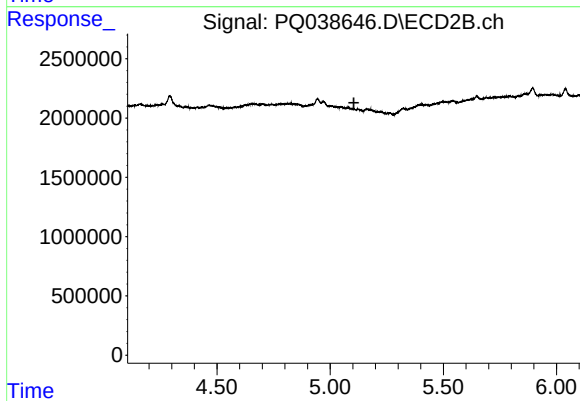
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



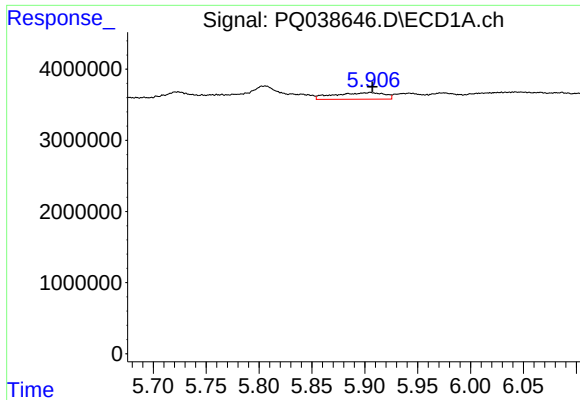
#12 AR-1232-2

R.T.: 5.644 min
Delta R.T.: 0.028 min
Response: 2119536
Conc: 32.79 ng/ml



#12 AR-1232-2

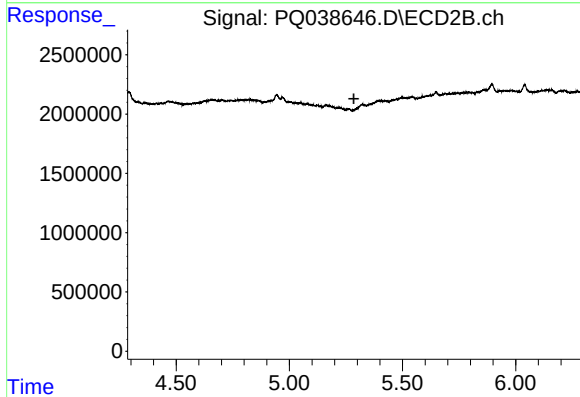
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#13 AR-1232-3

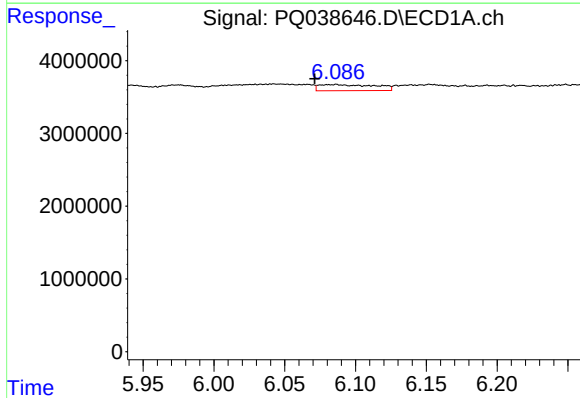
R.T.: 5.905 min
Delta R.T.: -0.002 min
Response: 3077697
Conc: 23.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



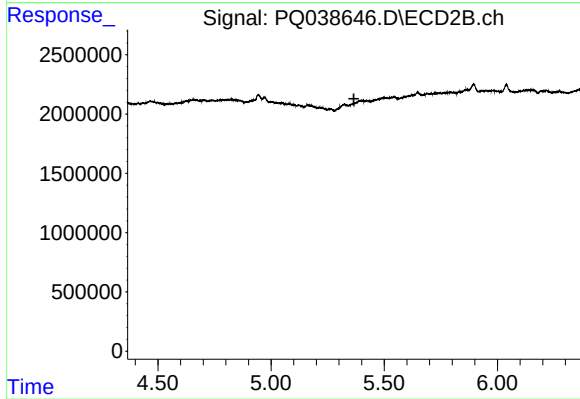
#13 AR-1232-3

R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: -19779
Conc: N.D.



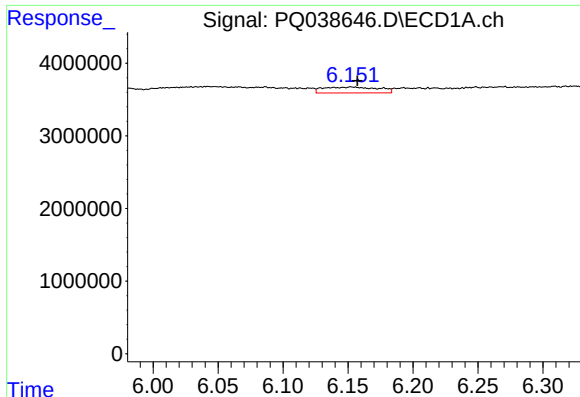
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: 0.014 min
Response: 2312885
Conc: 35.44 ng/ml



#14 AR-1232-4

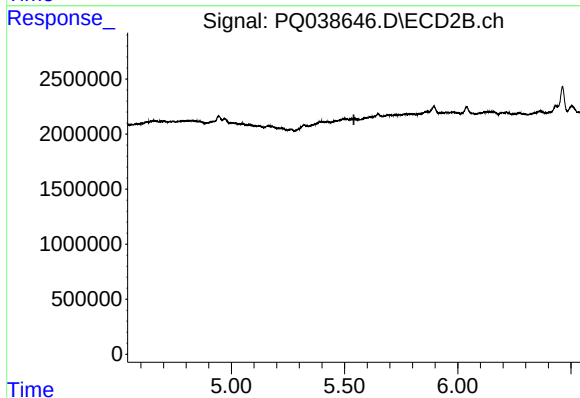
R.T.: 5.322 min
Delta R.T.: -0.044 min
Response: -19779
Conc: N.D.



#15 AR-1232-5

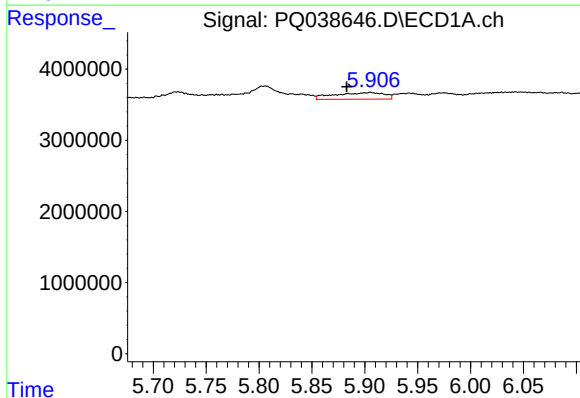
R.T.: 6.153 min
Delta R.T.: -0.005 min
Response: 2408252
Conc: 48.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



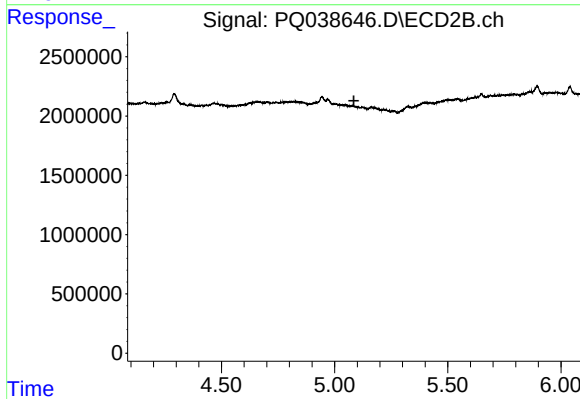
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.541 min
Response: 0
Conc: N.D.



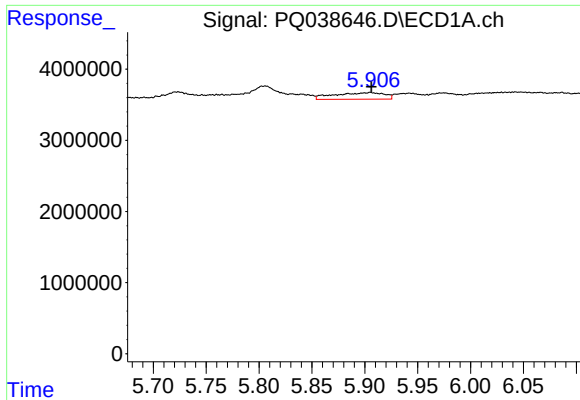
#16 AR-1242-1

R.T.: 5.905 min
Delta R.T.: 0.022 min
Response: 3077697
Conc: 19.18 ng/ml



#16 AR-1242-1

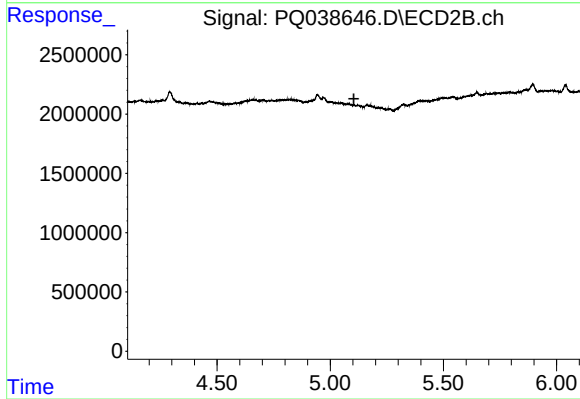
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#17 AR-1242-2

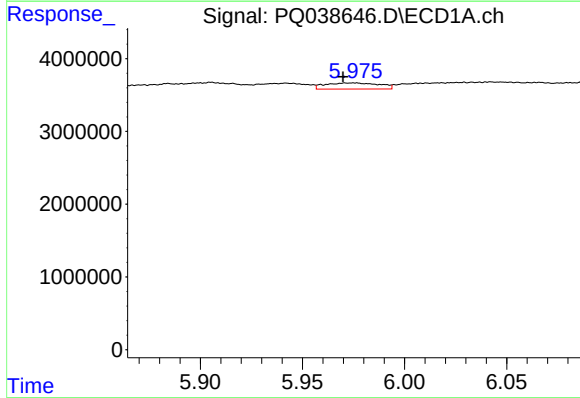
R.T.: 5.905 min
Delta R.T.: -0.001 min
Response: 3077697
Conc: 13.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



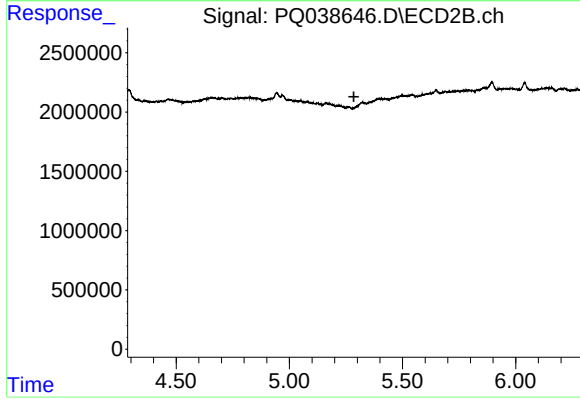
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



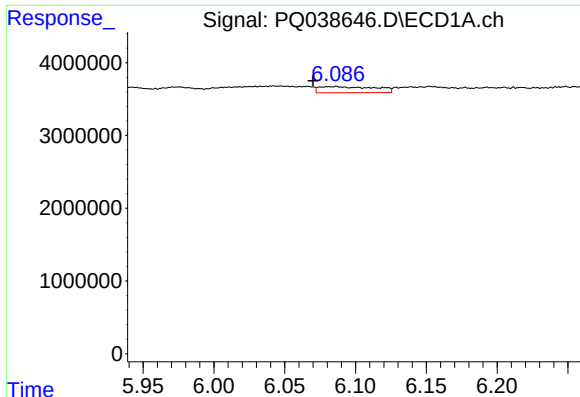
#18 AR-1242-3

R.T.: 5.974 min
Delta R.T.: 0.004 min
Response: 1572967
Conc: 10.82 ng/ml



#18 AR-1242-3

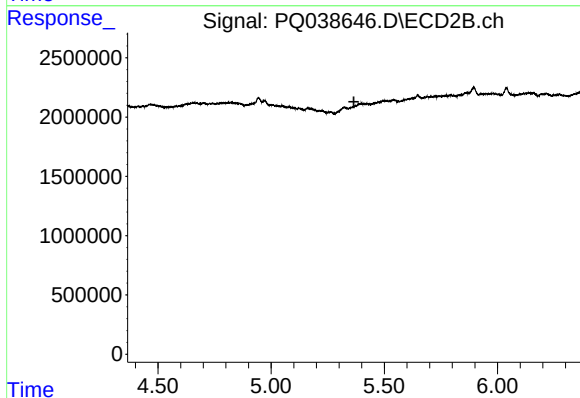
R.T.: 5.322 min
Delta R.T.: 0.037 min
Response: -19779
Conc: N.D.



#19 AR-1242-4

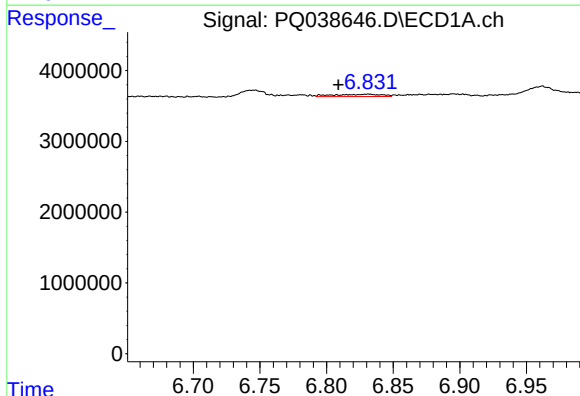
R.T.: 6.085 min
Delta R.T.: 0.015 min
Response: 2312885
Conc: 19.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



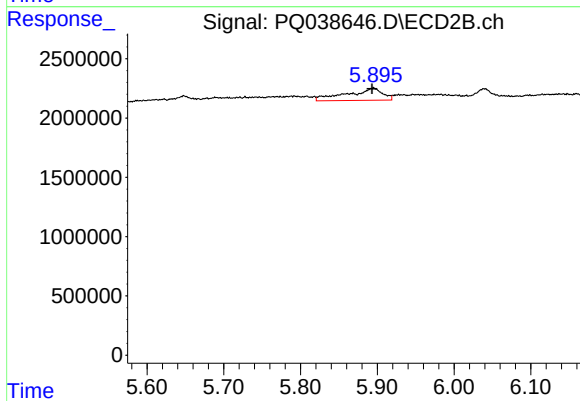
#19 AR-1242-4

R.T.: 5.322 min
Delta R.T.: -0.043 min
Response: -19779
Conc: N.D.



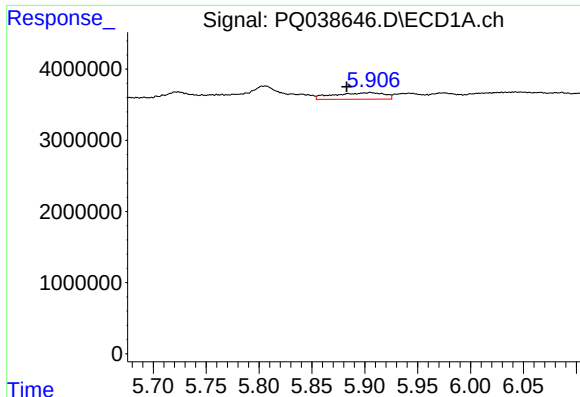
#20 AR-1242-5

R.T.: 6.831 min
Delta R.T.: 0.022 min
Response: 802059
Conc: 7.17 ng/ml



#20 AR-1242-5

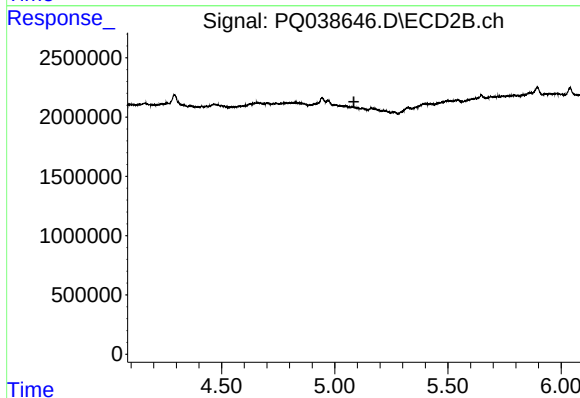
R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 3328913
Conc: 38.47 ng/ml



#21 AR-1248-1

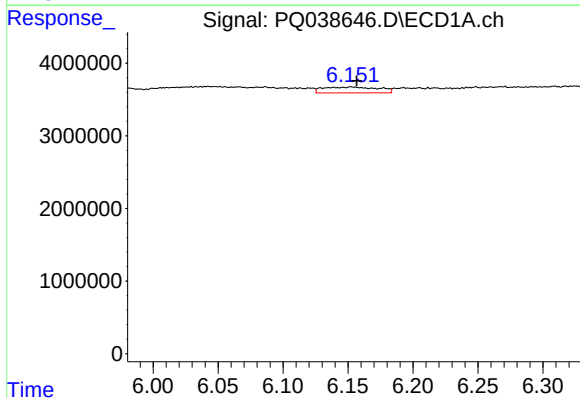
R.T.: 5.905 min
Delta R.T.: 0.022 min
Response: 3077697
Conc: 26.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



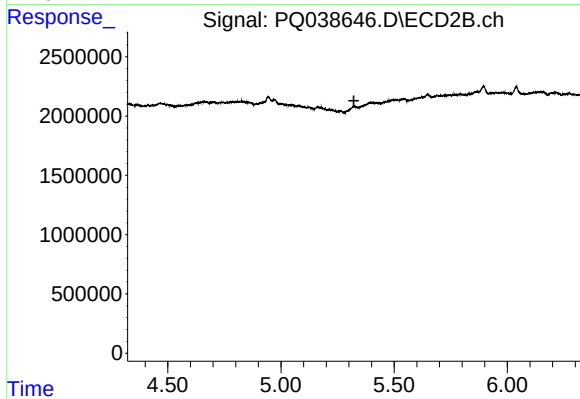
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



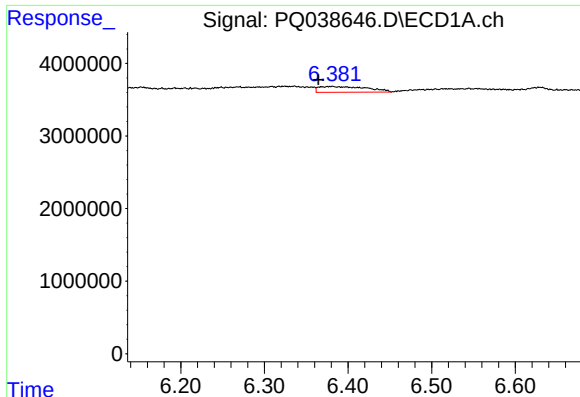
#22 AR-1248-2

R.T.: 6.153 min
Delta R.T.: -0.004 min
Response: 2408252
Conc: 15.07 ng/ml



#22 AR-1248-2

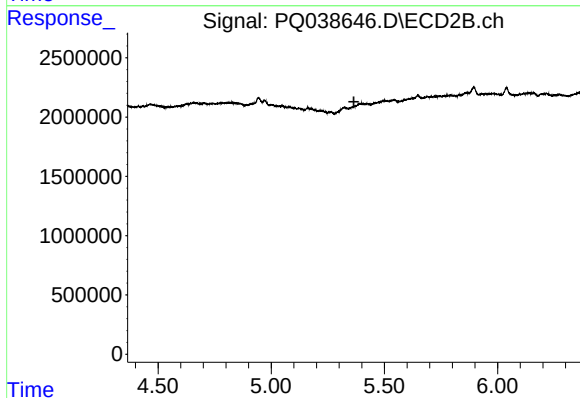
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: -19779
Conc: N.D.



#23 AR-1248-3

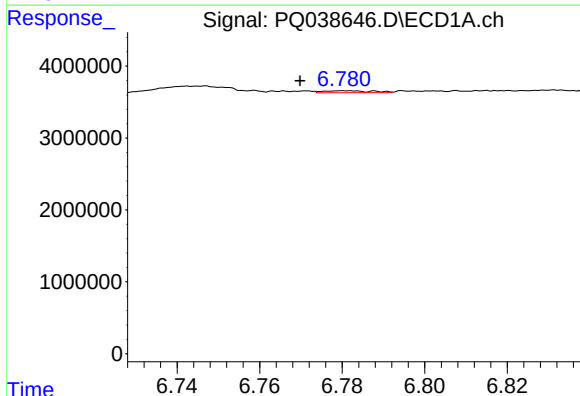
R.T.: 6.380 min
Delta R.T.: 0.015 min
Response: 3138637
Conc: 18.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



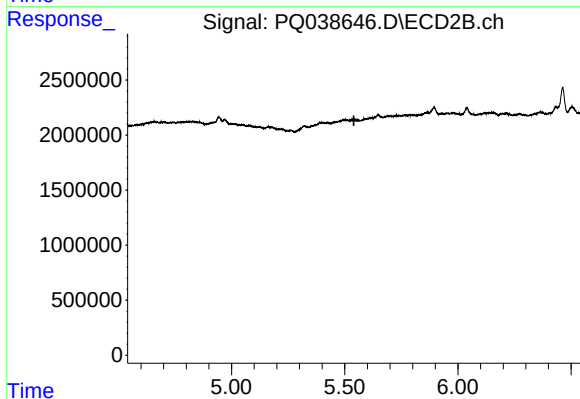
#23 AR-1248-3

R.T.: 5.322 min
Delta R.T.: -0.043 min
Response: -19779
Conc: N.D.



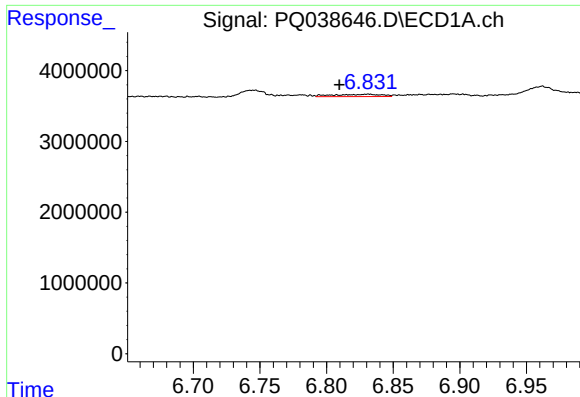
#24 AR-1248-4

R.T.: 6.780 min
Delta R.T.: 0.011 min
Response: 219565
Conc: 1.24 ng/ml



#24 AR-1248-4

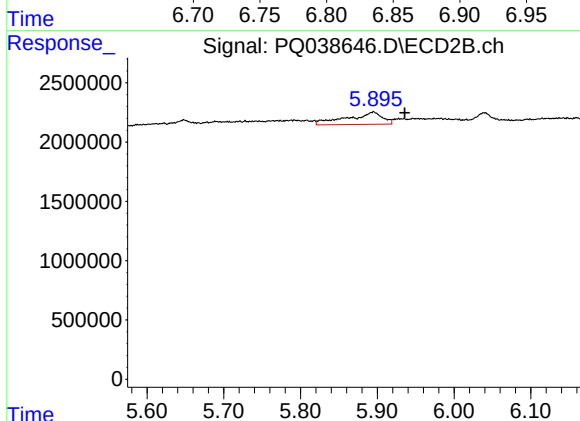
R.T.: 0.000 min
Exp R.T.: 5.541 min
Response: 0
Conc: N.D.



#25 AR-1248-5

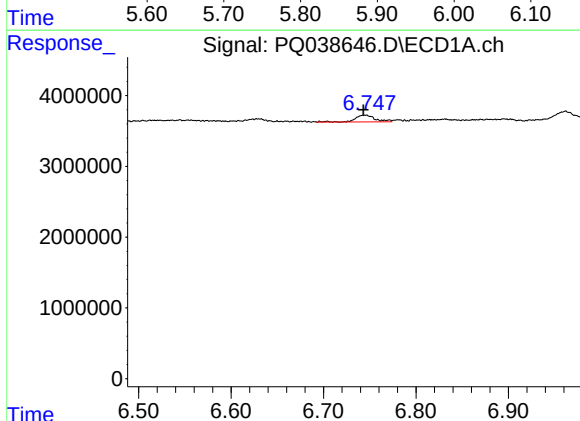
R.T.: 6.831 min
Delta R.T.: 0.021 min
Response: 802059
Conc: 4.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



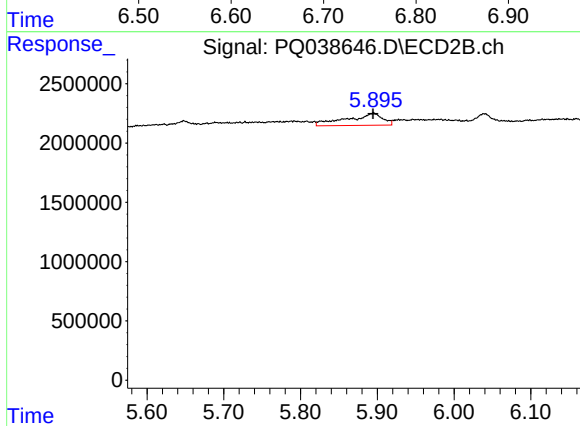
#25 AR-1248-5

R.T.: 5.895 min
Delta R.T.: -0.041 min
Response: 3328913
Conc: 30.73 ng/ml



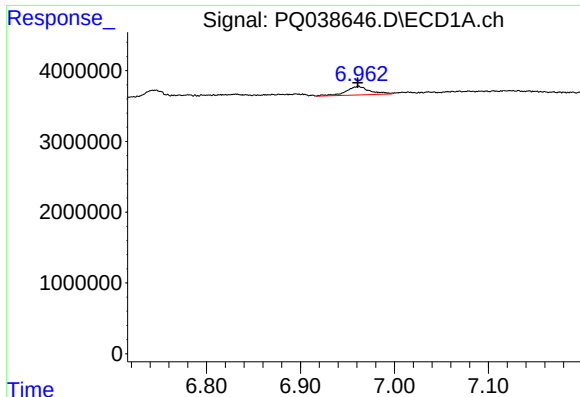
#26 AR-1254-1

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 1422522
Conc: 7.25 ng/ml



#26 AR-1254-1

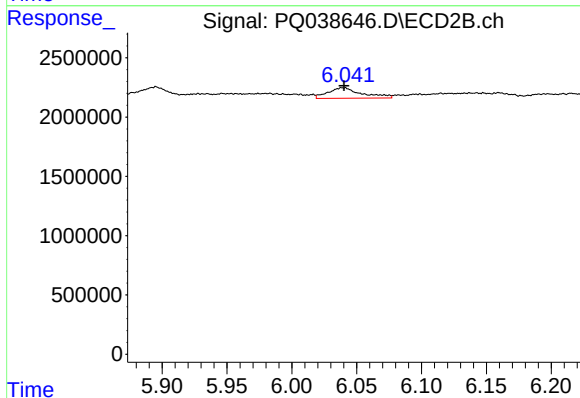
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 3328913
Conc: 18.04 ng/ml



#27 AR-1254-2

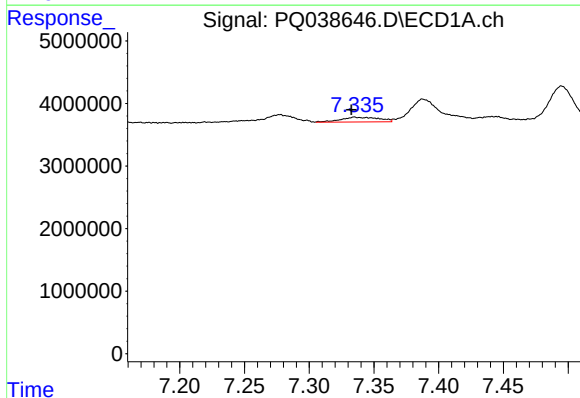
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2104602
Conc: 7.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



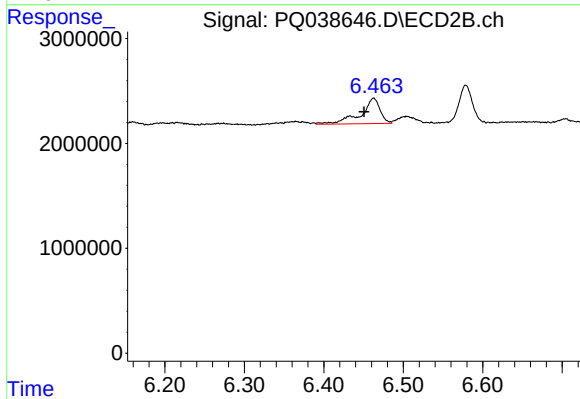
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 1606533
Conc: 10.27 ng/ml



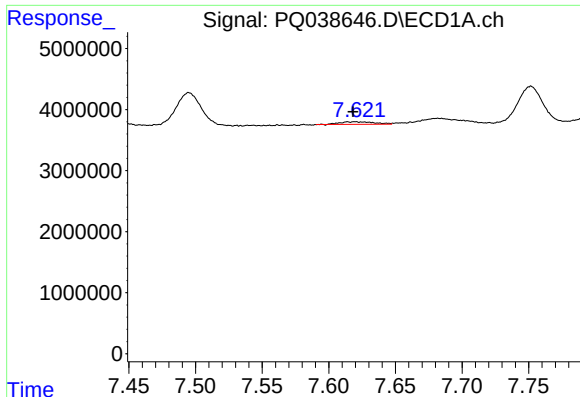
#28 AR-1254-3

R.T.: 7.336 min
Delta R.T.: 0.003 min
Response: 1581466
Conc: 5.29 ng/ml



#28 AR-1254-3

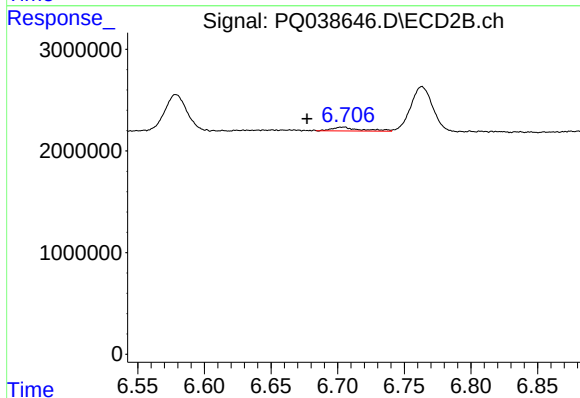
R.T.: 6.463 min
Delta R.T.: 0.012 min
Response: 4110363
Conc: 15.83 ng/ml



#29 AR-1254-4

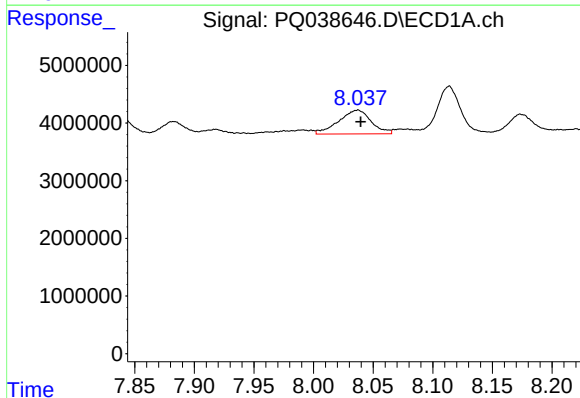
R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 748425
Conc: 3.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



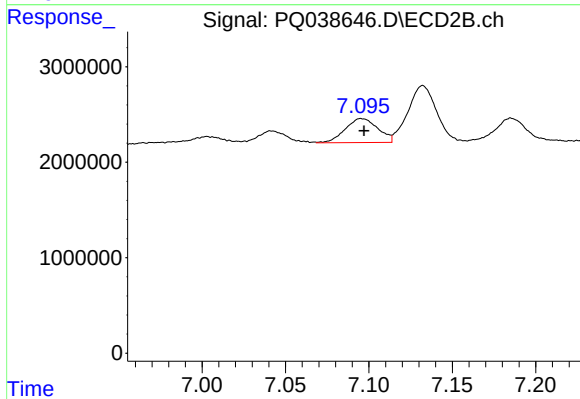
#29 AR-1254-4

R.T.: 6.704 min
Delta R.T.: 0.027 min
Response: 560960
Conc: 3.30 ng/ml



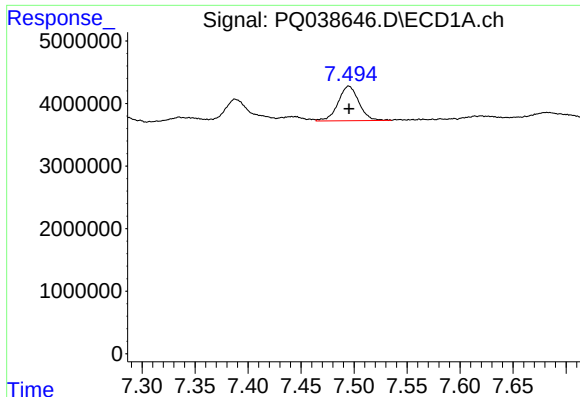
#30 AR-1254-5

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 7845694
Conc: 29.70 ng/ml



#30 AR-1254-5

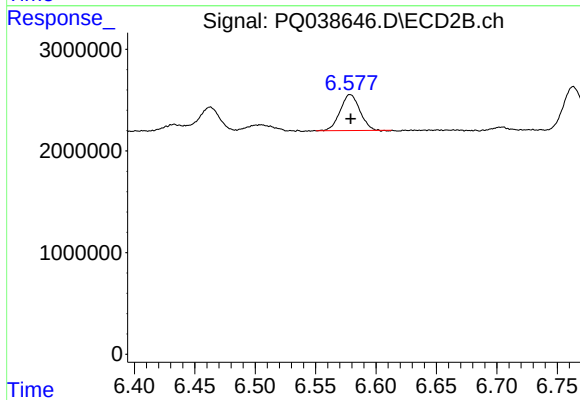
R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 3419819
Conc: 16.21 ng/ml



#31 AR-1260-1

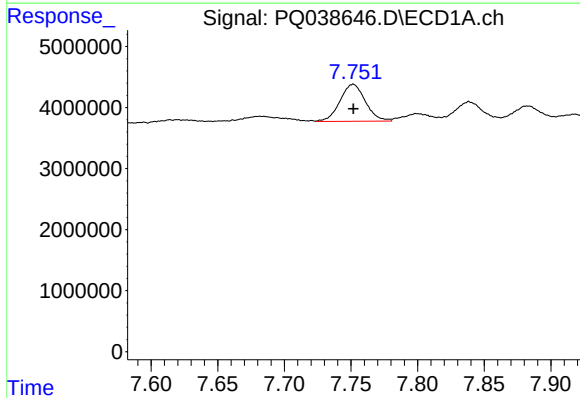
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 7496085
Conc: 29.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



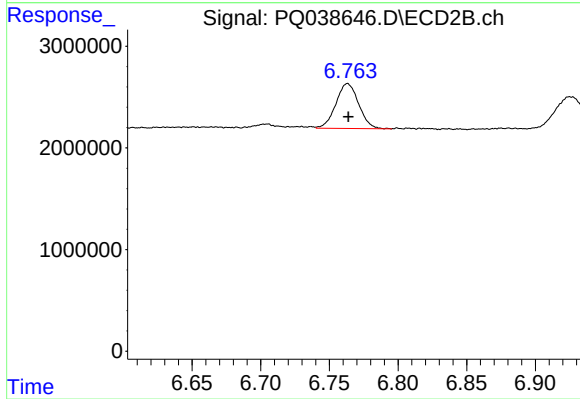
#31 AR-1260-1

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 4013939
Conc: 22.22 ng/ml



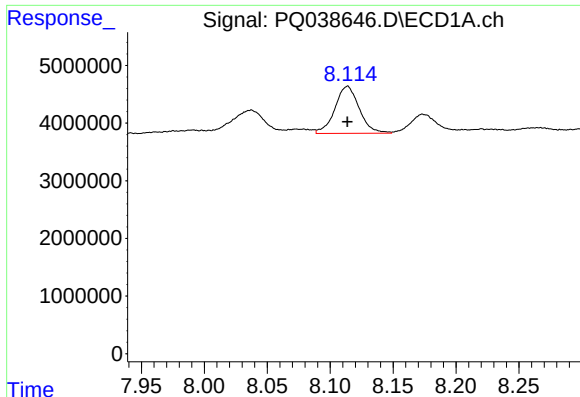
#32 AR-1260-2

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 8065132
Conc: 27.18 ng/ml



#32 AR-1260-2

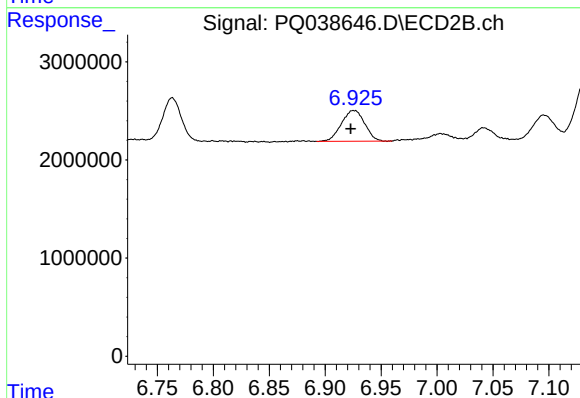
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 5098395
Conc: 23.44 ng/ml



#33 AR-1260-3

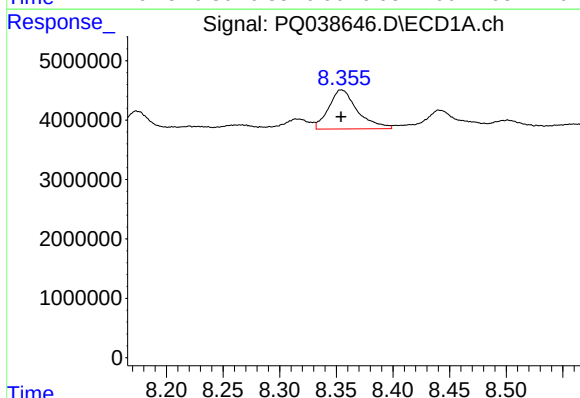
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 11025628
Conc: 48.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



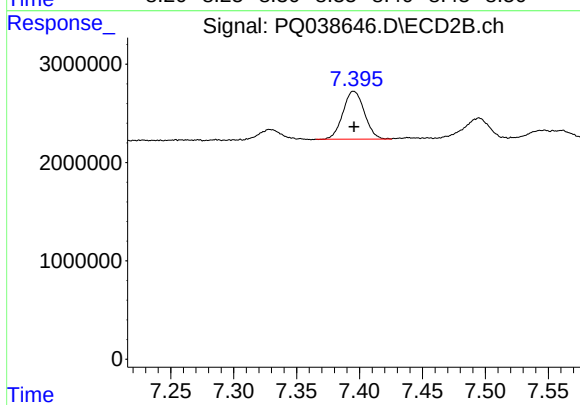
#33 AR-1260-3

R.T.: 6.926 min
Delta R.T.: 0.003 min
Response: 4533507
Conc: 22.24 ng/ml



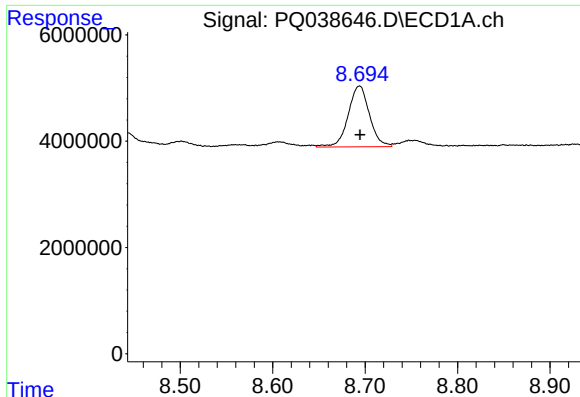
#34 AR-1260-4

R.T.: 8.355 min
Delta R.T.: 0.000 min
Response: 11614997
Conc: 43.81 ng/ml



#34 AR-1260-4

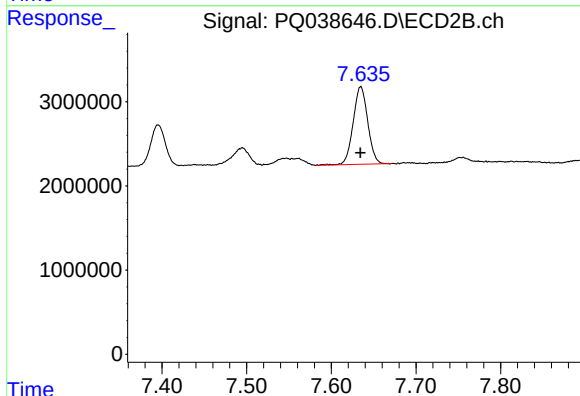
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 5775545
Conc: 34.24 ng/ml



#35 AR-1260-5

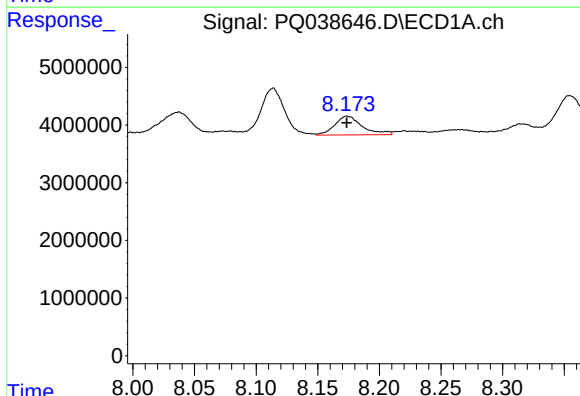
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 18293364
Conc: 36.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



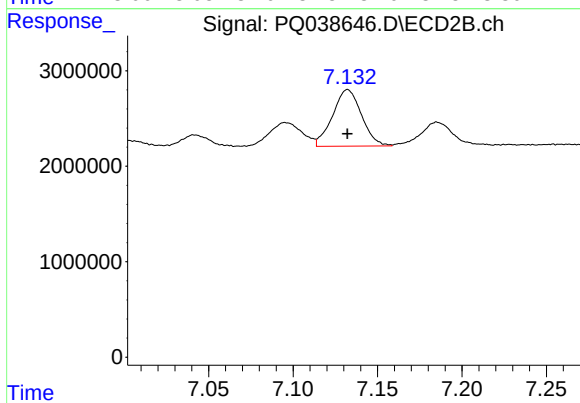
#35 AR-1260-5

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 11030797
Conc: 27.30 ng/ml



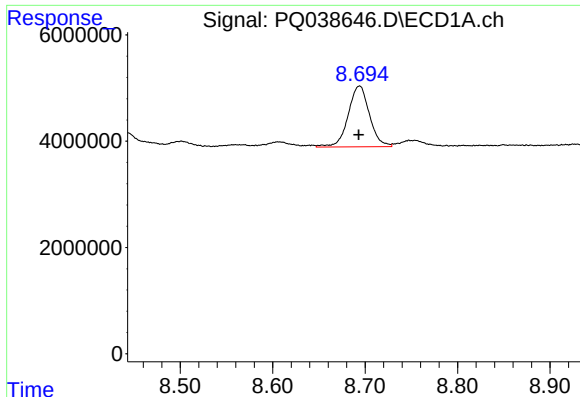
#36 AR-1262-1

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 5051291
Conc: 39.84 ng/ml



#36 AR-1262-1

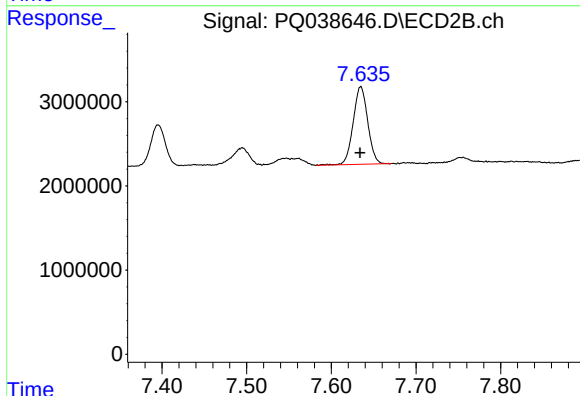
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 7062268
Conc: 29.53 ng/ml



#37 AR-1262-2

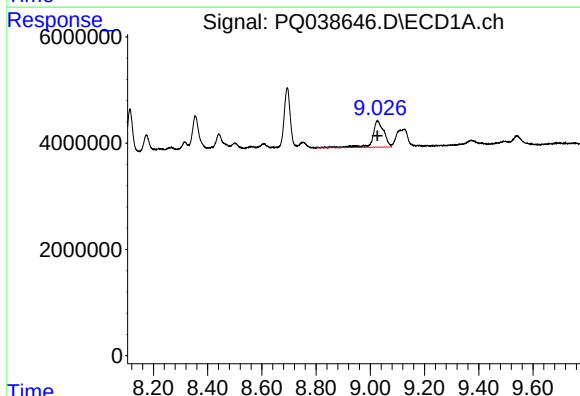
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 18293364
Conc: 35.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



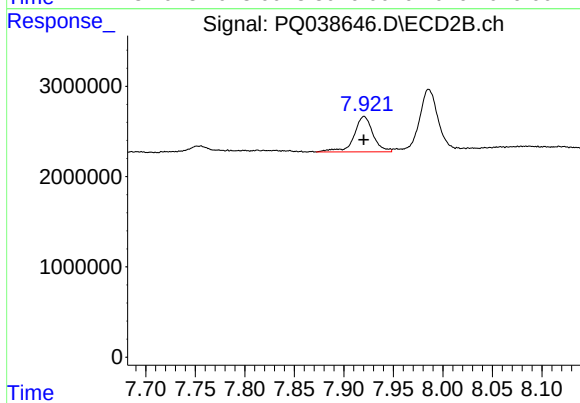
#37 AR-1262-2

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 11030797
Conc: 26.20 ng/ml



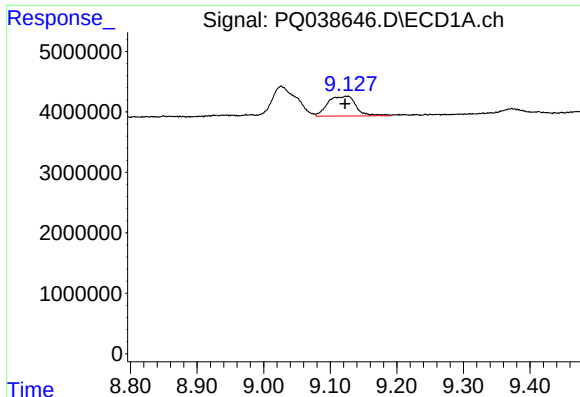
#38 AR-1262-3

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 14465888
Conc: 41.28 ng/ml



#38 AR-1262-3

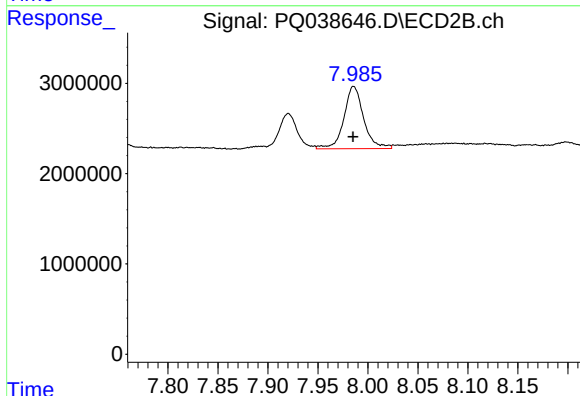
R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 5233018
Conc: 32.79 ng/ml



#39 AR-1262-4

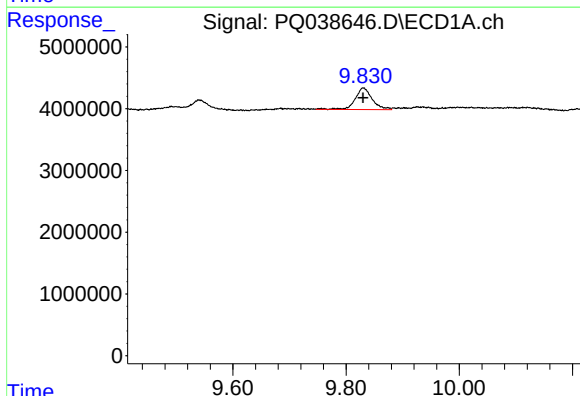
R.T.: 9.125 min
Delta R.T.: 0.003 min
Response: 9704746
Conc: 33.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



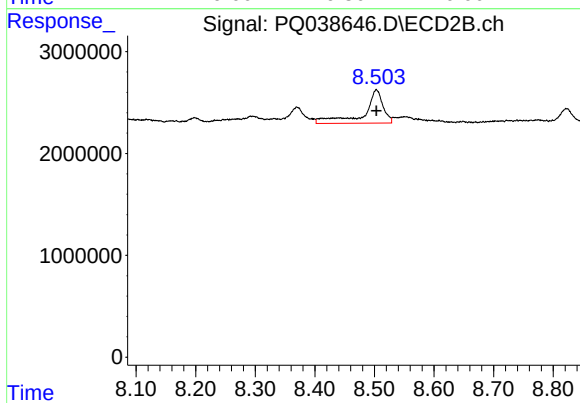
#39 AR-1262-4

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 9470925
Conc: 31.10 ng/ml



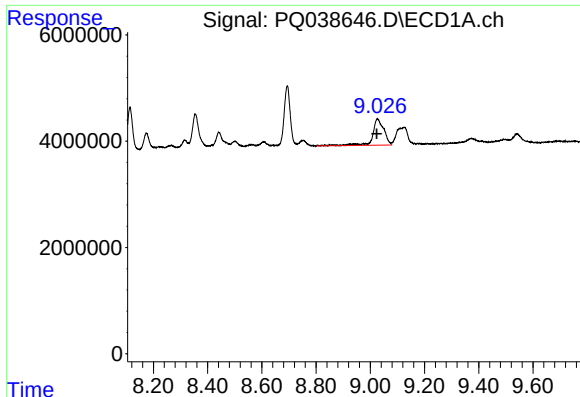
#40 AR-1262-5

R.T.: 9.831 min
Delta R.T.: 0.000 min
Response: 7293694
Conc: 40.26 ng/ml



#40 AR-1262-5

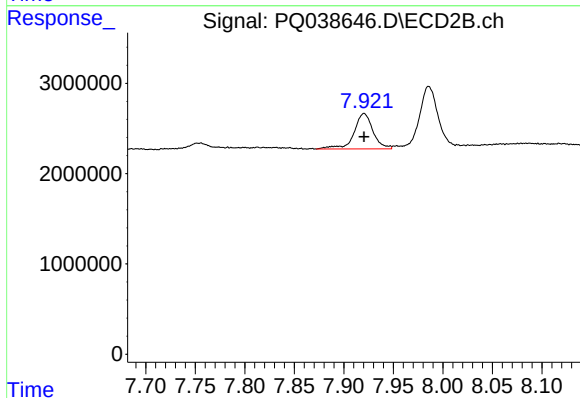
R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 7348700
Conc: 55.11 ng/ml



#41 AR-1268-1

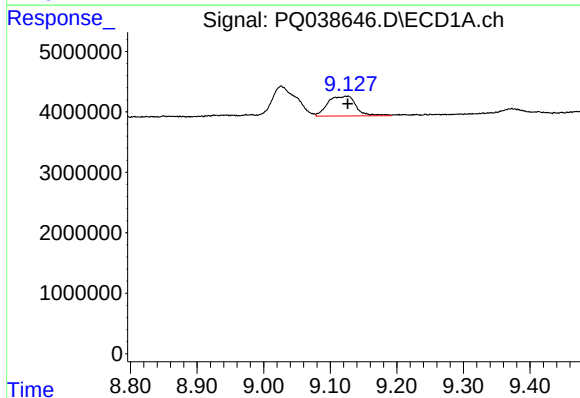
R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 14465888
Conc: 22.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



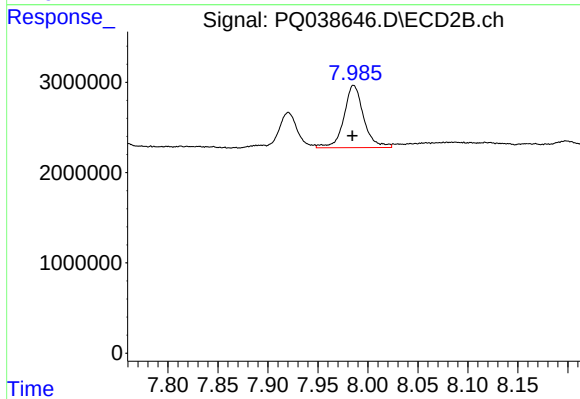
#41 AR-1268-1

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 5233018
Conc: 11.07 ng/ml



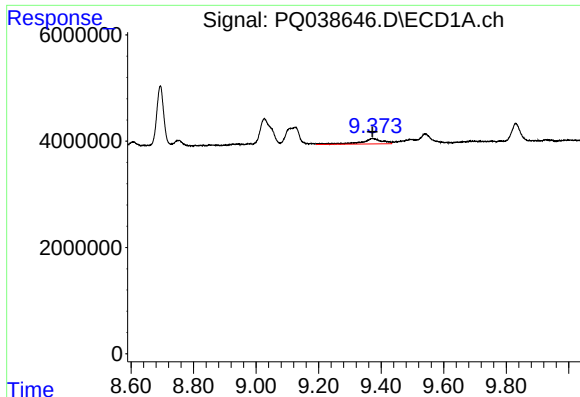
#42 AR-1268-2

R.T.: 9.125 min
Delta R.T.: -0.001 min
Response: 9704746
Conc: 15.82 ng/ml



#42 AR-1268-2

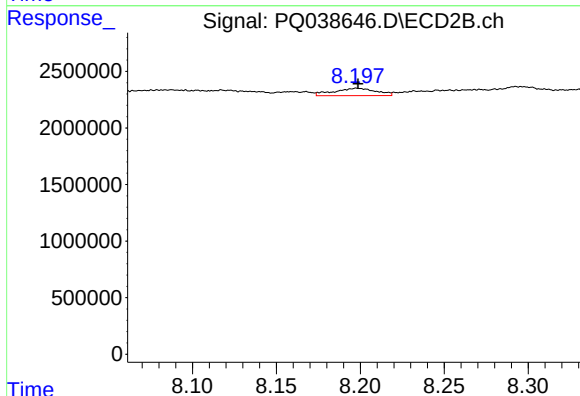
R.T.: 7.986 min
Delta R.T.: 0.001 min
Response: 9470925
Conc: 21.70 ng/ml



#43 AR-1268-3

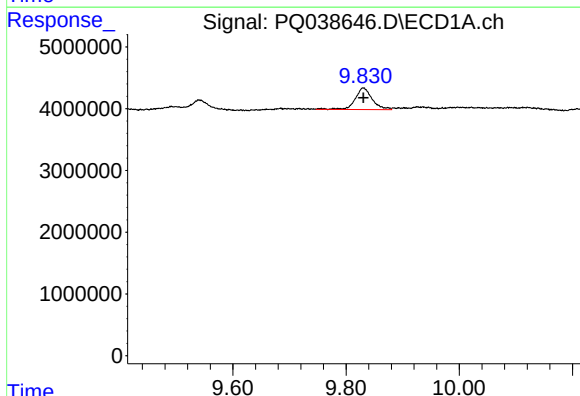
R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 4953111
Conc: 9.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



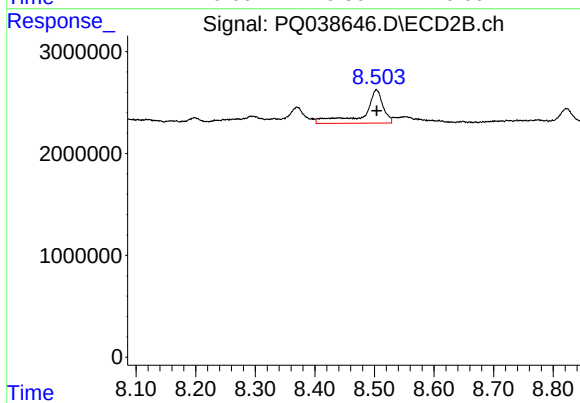
#43 AR-1268-3

R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 1142533
Conc: 3.21 ng/ml



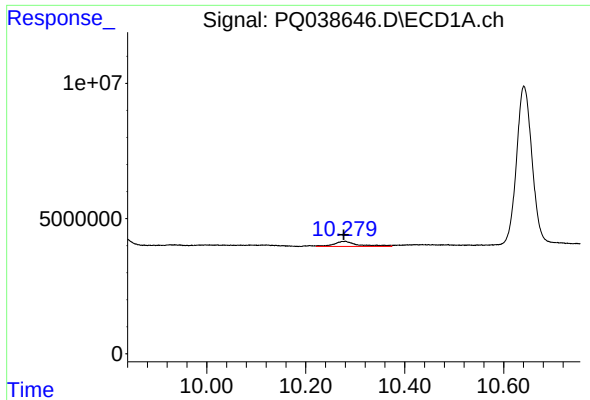
#44 AR-1268-4

R.T.: 9.831 min
Delta R.T.: 0.000 min
Response: 7293694
Conc: 33.35 ng/ml



#44 AR-1268-4

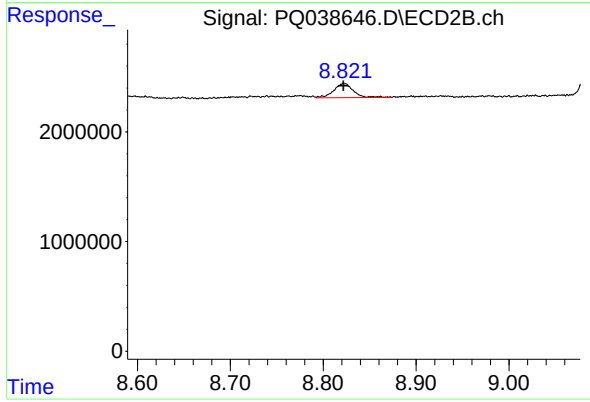
R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 7348700
Conc: 48.99 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.002 min
Response: 6555989
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 1864002
Conc: 1.61 ng/ml