

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 05:26
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 07:23:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 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...	5.694	4.783	36799827	13246590	23.097	21.869
2)	SA Decachlor...	12.080	10.555	143.6E6	72108545	22.770	23.021
Target Compounds							
3)	L1 AR-1016-1	7.135	6.237	2536201	1048885	37.127	35.557
4)	L1 AR-1016-2	7.162	6.261	4196555	1378778	42.830	35.199
5)	L1 AR-1016-3	7.232	6.476	3055648	753151	50.749	35.803 #
6)	L1 AR-1016-4	7.346	6.527	2240658	552183	44.728	31.695 #
7)	L1 AR-1016-5	7.678	6.781	2222695	670901	41.997	29.976 #
8)	L2 AR-1221-1	0.000	5.091	0	200239	N.D.	34.354 #
9)	L2 AR-1221-2	6.082	5.208	1744537	397114	146.769	82.589 #
10)	L2 AR-1221-3	6.175	5.313	4102255	1344450	100.652	81.913
11)	L3 AR-1232-1	6.175	5.313	4102255	1344450	90.813	72.760
12)	L3 AR-1232-2	6.820	6.261	3195130	1378778	127.266	69.113 #
13)	L3 AR-1232-3	7.162	6.476	4196555	753151	78.490	69.385
14)	L3 AR-1232-4	7.346	6.577	2240658	738977	86.563	72.386
15)	L3 AR-1232-5	0.000	6.781	0	670901	N.D.	61.289 #
16)	L4 AR-1242-1	7.135	6.237	2536201	1048885	61.938	60.713
17)	L4 AR-1242-2	7.162	6.261	4196555	1378778	71.238	59.372
18)	L4 AR-1242-3	7.232	6.476	3055648	753151	82.014	60.938 #
19)	L4 AR-1242-4	7.346	6.577	2240658	738977	75.178	58.160
20)	L4 AR-1242-5	8.166	7.189	2794618	1743714	67.206	87.093 #
21)	L5 AR-1248-1	7.135	6.237	2536201	1048885	80.261	83.283
22)	L5 AR-1248-2	0.000	6.527	0	552183	N.D.	31.179 #
23)	L5 AR-1248-3	7.678	6.577	2222695	738977	41.444	39.472
24)	L5 AR-1248-4	8.125	6.781	2647401	670901	36.704	29.075
25)	L5 AR-1248-5	8.166	7.235	2794618	1808762	38.603	63.819 #
26)	L6 AR-1254-1	8.094	7.189	2366715	1743714	32.966	38.548
27)	L6 AR-1254-2	8.338	7.355	2357771	967361	19.177	21.950
28)	L6 AR-1254-3	0.000	7.805	0	923373	N.D.	12.379 #
29)	L6 AR-1254-4	9.030	8.054	1742629	987558	13.539	17.845 #
30)	L6 AR-1254-5	0.000	8.502	0	758005	N.D.	9.301 #
31)	L7 AR-1260-1	0.000	7.949	0	120821	N.D.	2.081 #
32)	L7 AR-1260-2	0.000	8.140	0	1179970	N.D.	15.434 #
33)	L7 AR-1260-3	0.000	8.326	0	922561	N.D.	13.159 #
34)	L7 AR-1260-4	0.000	8.798	0	228881	N.D.	3.472 #
35)	L7 AR-1260-5	0.000	9.064	0	86070	N.D.	0.458 #
36)	L8 AR-1262-1	0.000	8.550	0	184762	N.D.	1.869 #
37)	L8 AR-1262-2	0.000	9.064	0	86070	N.D.	0.385 #
38)	L8 AR-1262-3	0.000	9.427	0	2243161	N.D.	19.496 #
39)	L8 AR-1262-4	0.000	9.427	0	2243161	N.D.	9.956 #
40)	L8 AR-1262-5	0.000	9.951	0	617130	N.D.	3.995 #
41)	L9 AR-1268-1	0.000	9.427	0	2243161	N.D.	6.861 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2019 05:26
Operator : SM\AJ
Sample : K3591-01
Misc : AR1232 LOD 40 PPB
ALS Vial : 40 Sample Multiplier: 1

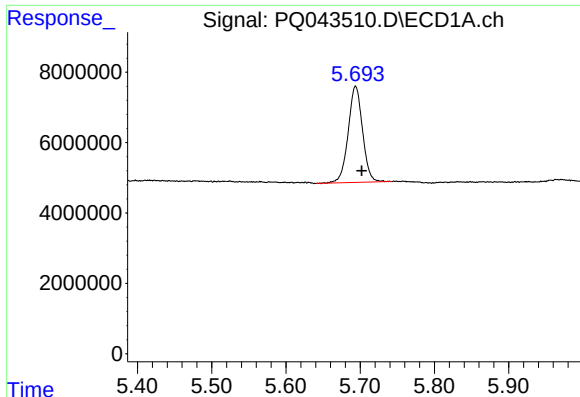
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 07:23:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 12 02:33:14 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	0.000	9.427	0	2243161	N.D.	7.013 #
43)	L9 AR-1268-3	0.000	9.639	0	828462	N.D.	2.923 #
44)	L9 AR-1268-4	0.000	9.951	0	617130	N.D.	3.797 #
45)	L9 AR-1268-5	0.000	10.270	0	636956	N.D.	0.507 #

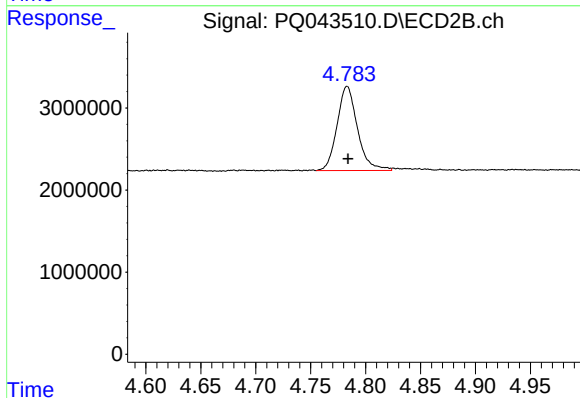
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

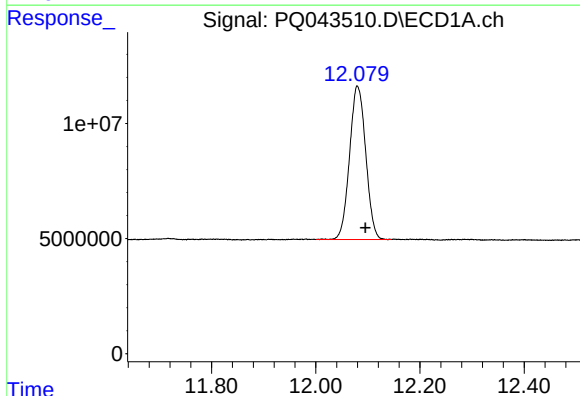
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 36799827
Conc: 23.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



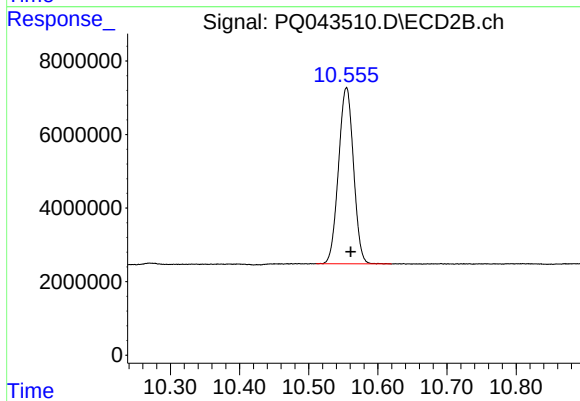
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 13246590
Conc: 21.87 ng/ml



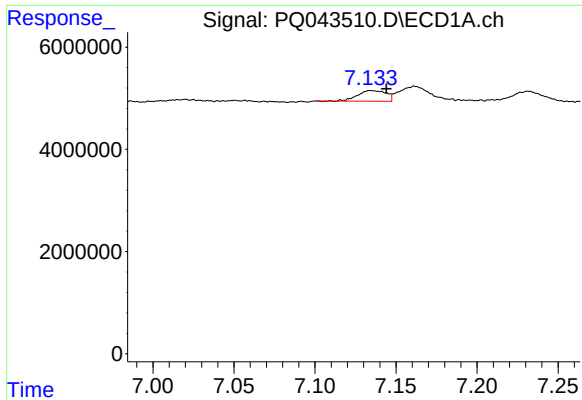
#2 Decachlorobiphenyl

R.T.: 12.080 min
Delta R.T.: -0.016 min
Response: 143611727
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

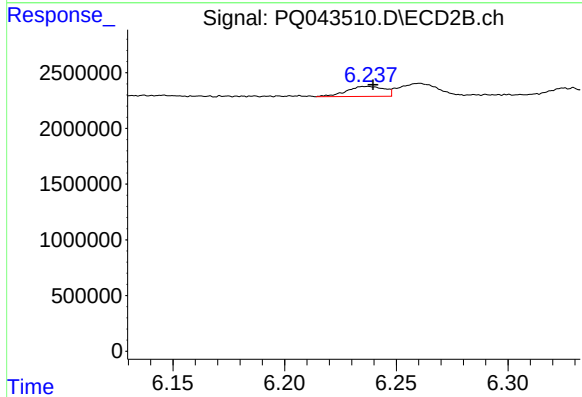
R.T.: 10.555 min
Delta R.T.: -0.006 min
Response: 72108545
Conc: 23.02 ng/ml



#3 AR-1016-1

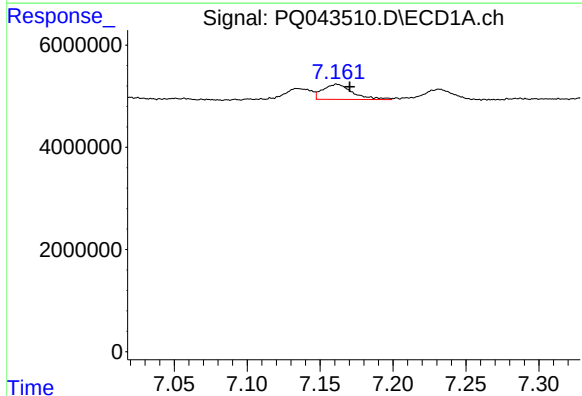
R.T.: 7.135 min
Delta R.T.: -0.009 min
Response: 2536201
Conc: 37.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



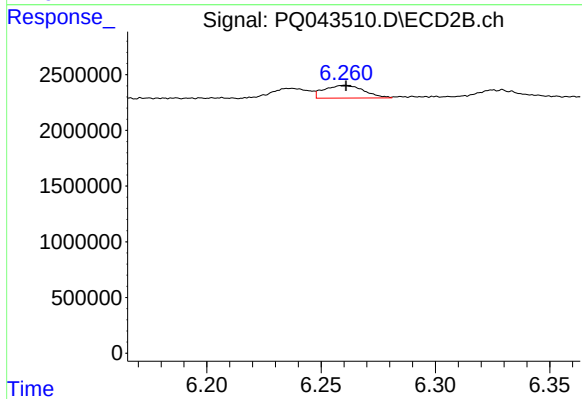
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1048885
Conc: 35.56 ng/ml



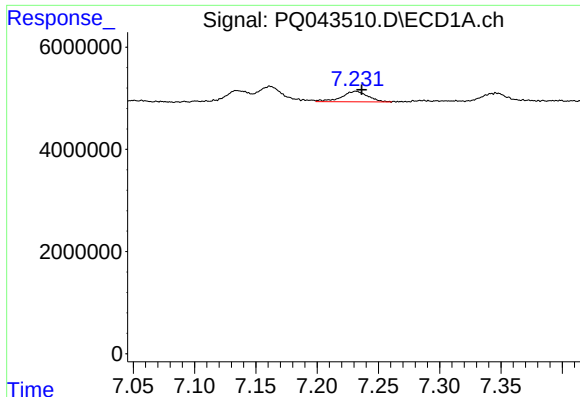
#4 AR-1016-2

R.T.: 7.162 min
Delta R.T.: -0.009 min
Response: 4196555
Conc: 42.83 ng/ml



#4 AR-1016-2

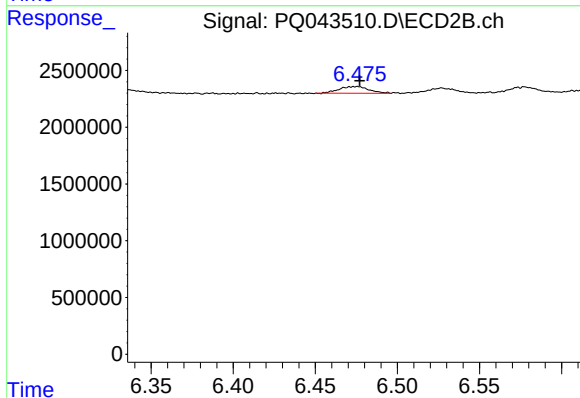
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 1378778
Conc: 35.20 ng/ml



#5 AR-1016-3

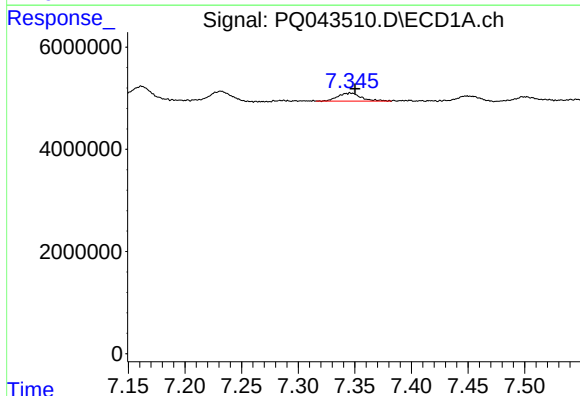
R.T.: 7.232 min
Delta R.T.: -0.005 min
Response: 3055648
Conc: 50.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



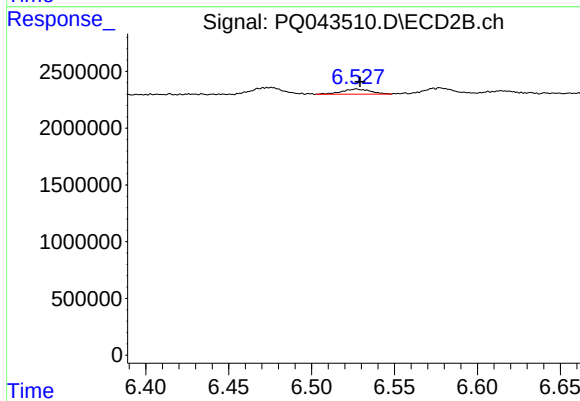
#5 AR-1016-3

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 753151
Conc: 35.80 ng/ml



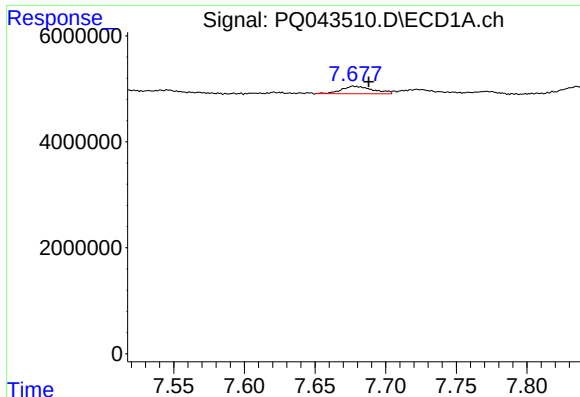
#6 AR-1016-4

R.T.: 7.346 min
Delta R.T.: -0.004 min
Response: 2240658
Conc: 44.73 ng/ml



#6 AR-1016-4

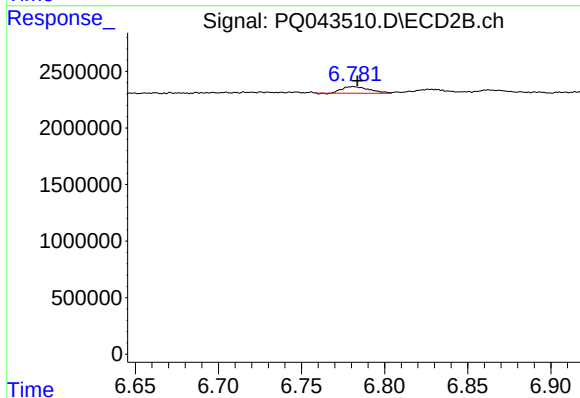
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 552183
Conc: 31.69 ng/ml



#7 AR-1016-5

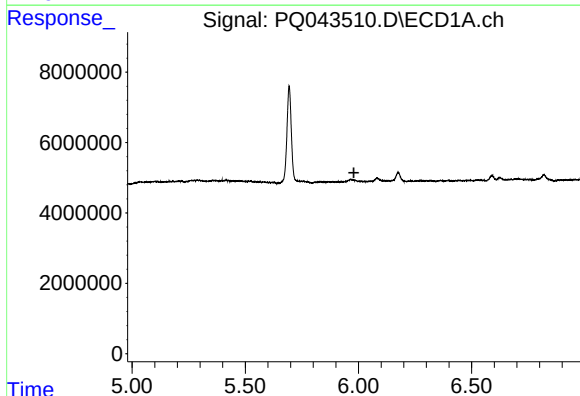
R.T.: 7.678 min
Delta R.T.: -0.011 min
Response: 2222695
Conc: 42.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



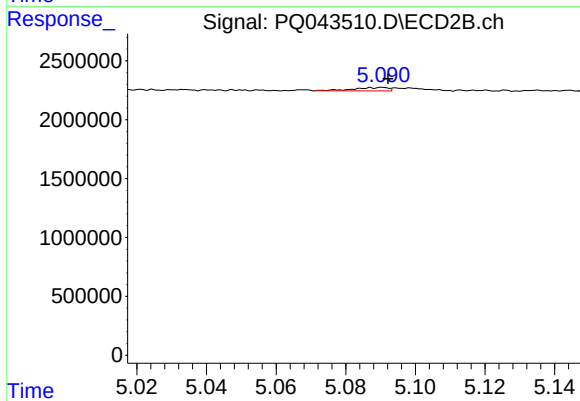
#7 AR-1016-5

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 670901
Conc: 29.98 ng/ml



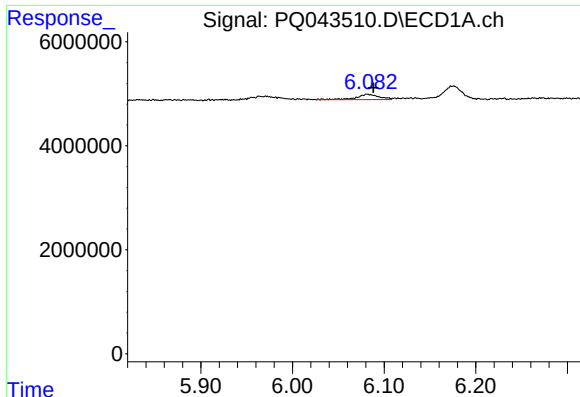
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

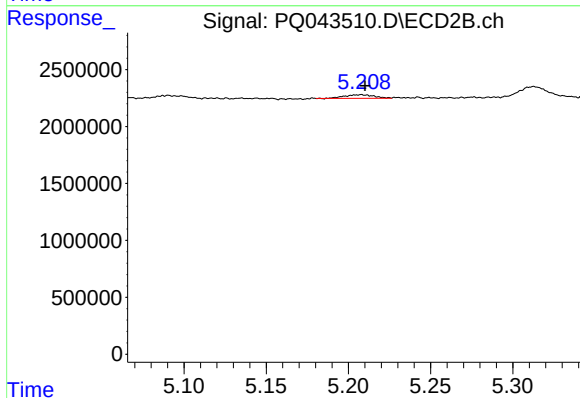
R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 200239
Conc: 34.35 ng/ml



#9 AR-1221-2

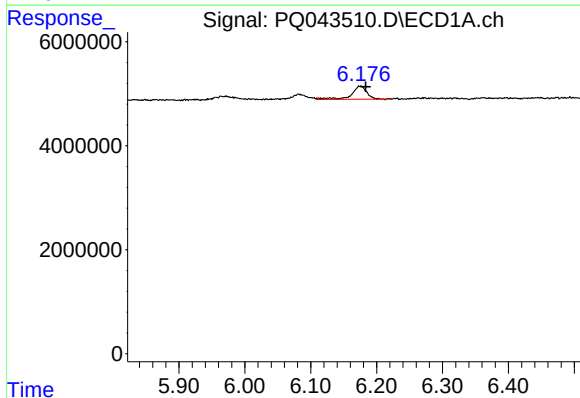
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 1744537
Conc: 146.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



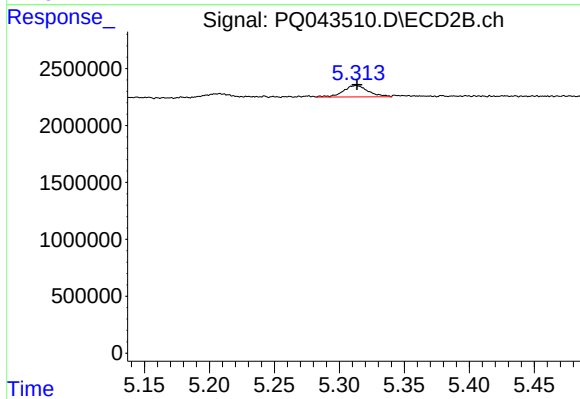
#9 AR-1221-2

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 397114
Conc: 82.59 ng/ml



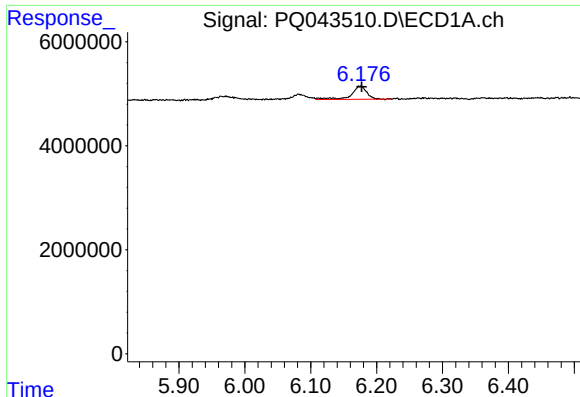
#10 AR-1221-3

R.T.: 6.175 min
Delta R.T.: -0.008 min
Response: 4102255
Conc: 100.65 ng/ml



#10 AR-1221-3

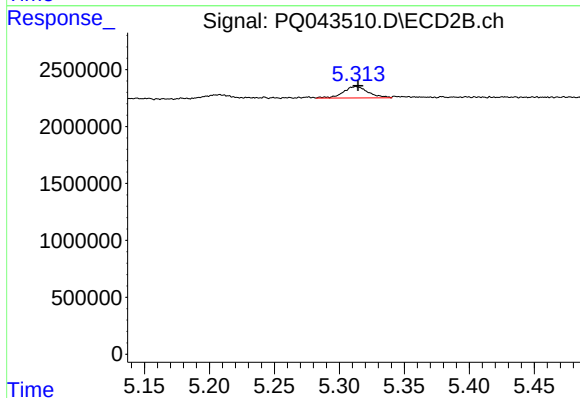
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 1344450
Conc: 81.91 ng/ml



#11 AR-1232-1

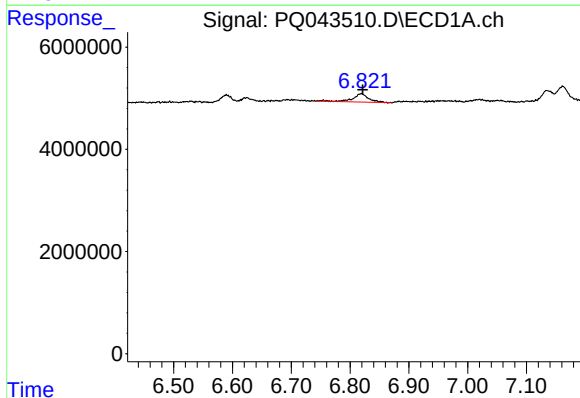
R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 4102255
Conc: 90.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



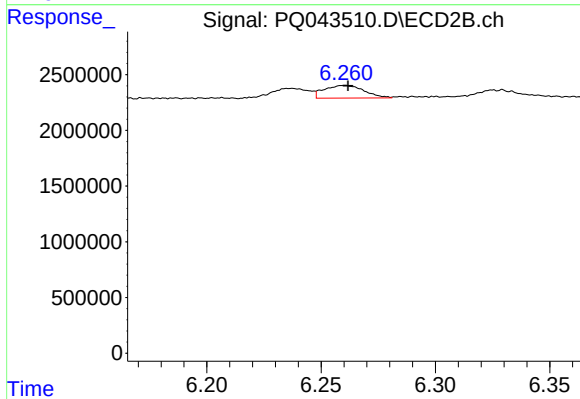
#11 AR-1232-1

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 1344450
Conc: 72.76 ng/ml



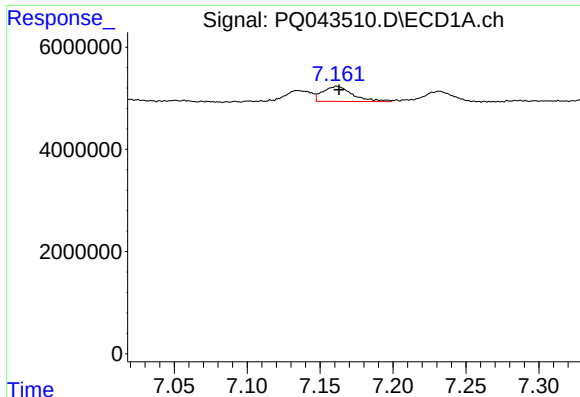
#12 AR-1232-2

R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 3195130
Conc: 127.27 ng/ml



#12 AR-1232-2

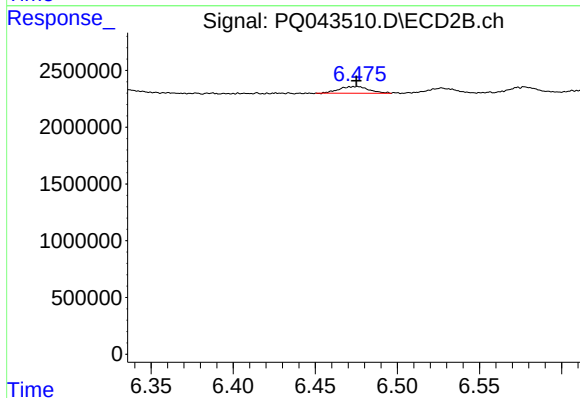
R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 1378778
Conc: 69.11 ng/ml



#13 AR-1232-3

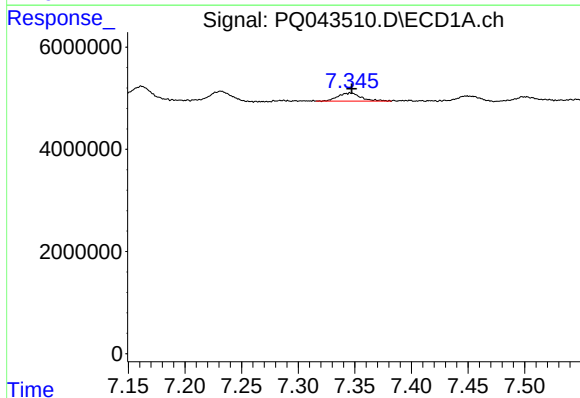
R.T.: 7.162 min
Delta R.T.: -0.001 min
Response: 4196555
Conc: 78.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



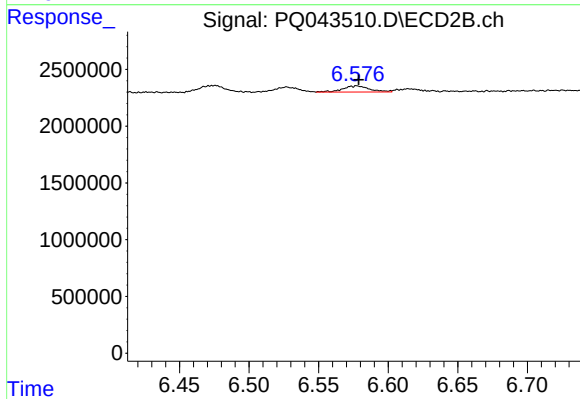
#13 AR-1232-3

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 753151
Conc: 69.38 ng/ml



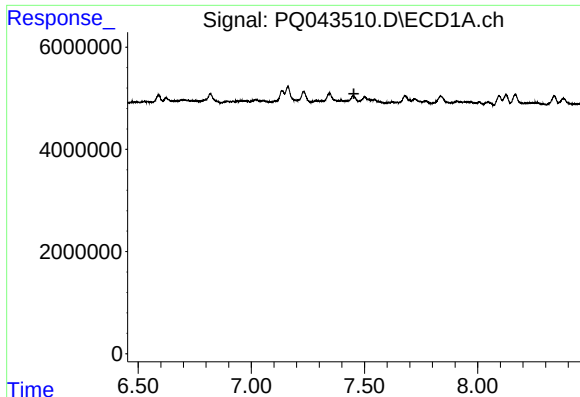
#14 AR-1232-4

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 2240658
Conc: 86.56 ng/ml



#14 AR-1232-4

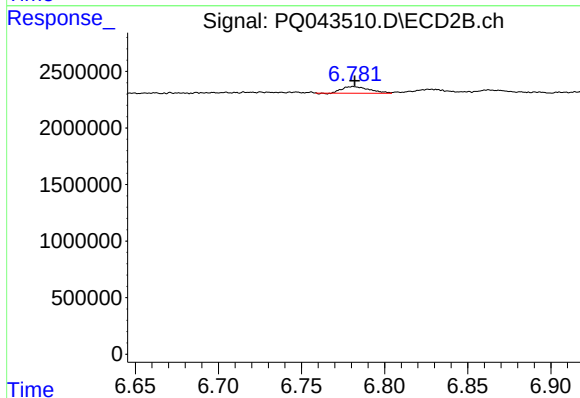
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 738977
Conc: 72.39 ng/ml



#15 AR-1232-5

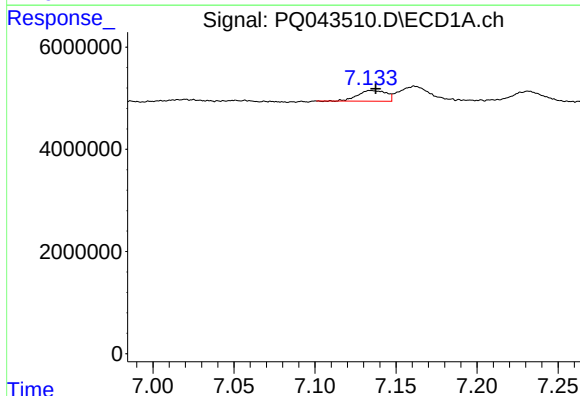
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



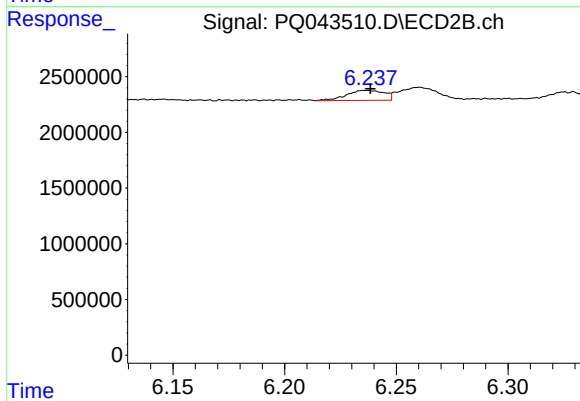
#15 AR-1232-5

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 670901
Conc: 61.29 ng/ml



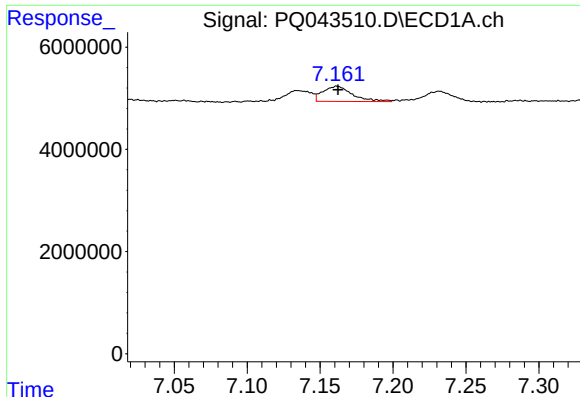
#16 AR-1242-1

R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 2536201
Conc: 61.94 ng/ml



#16 AR-1242-1

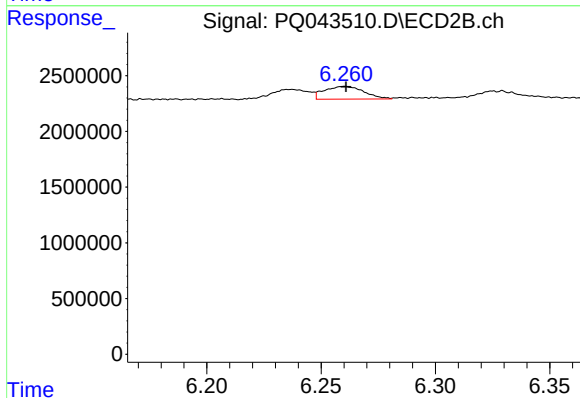
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 1048885
Conc: 60.71 ng/ml



#17 AR-1242-2

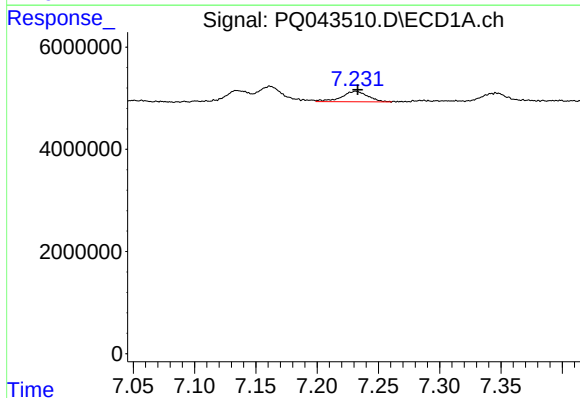
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 4196555
Conc: 71.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



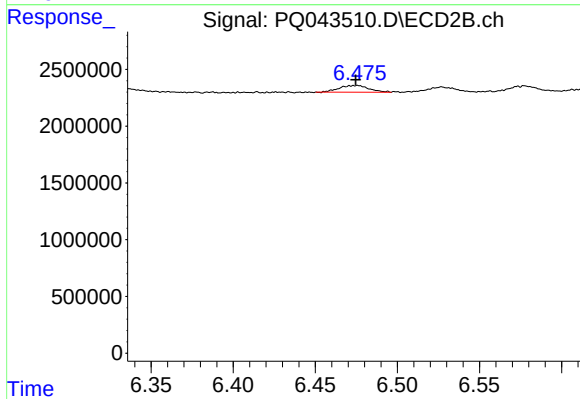
#17 AR-1242-2

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 1378778
Conc: 59.37 ng/ml



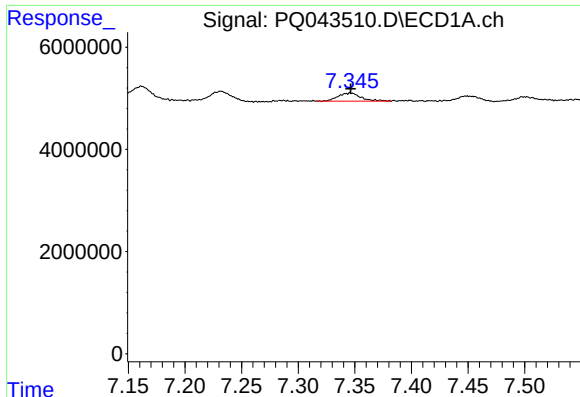
#18 AR-1242-3

R.T.: 7.232 min
Delta R.T.: -0.001 min
Response: 3055648
Conc: 82.01 ng/ml



#18 AR-1242-3

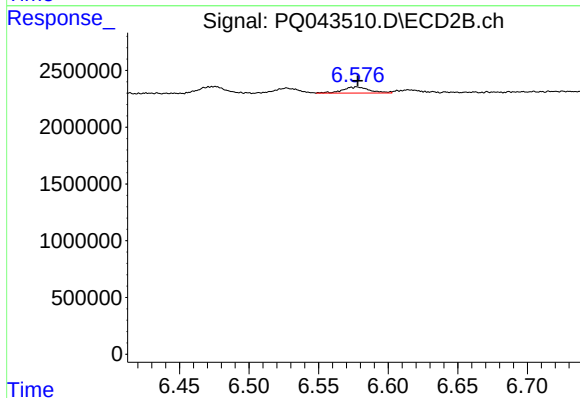
R.T.: 6.476 min
Delta R.T.: 0.001 min
Response: 753151
Conc: 60.94 ng/ml



#19 AR-1242-4

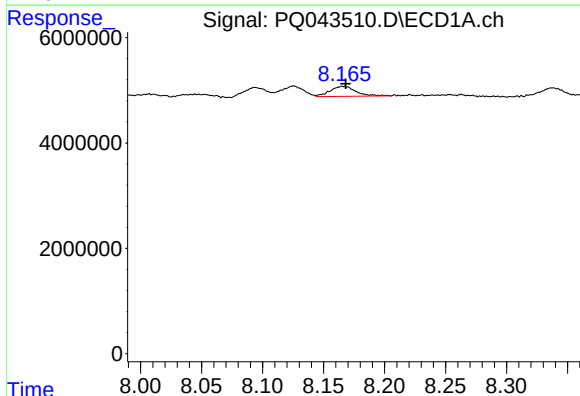
R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 2240658
Conc: 75.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



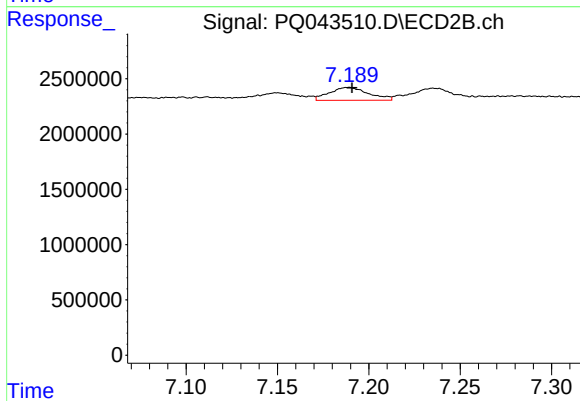
#19 AR-1242-4

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 738977
Conc: 58.16 ng/ml



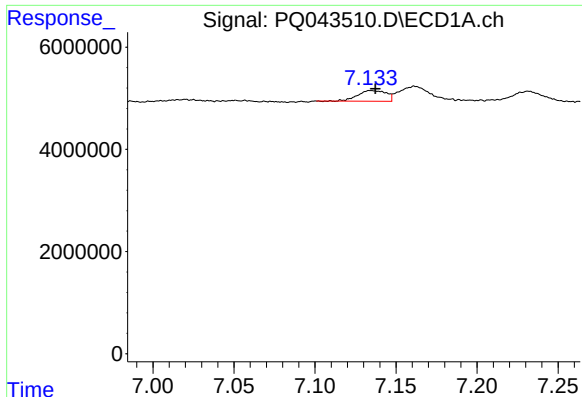
#20 AR-1242-5

R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 2794618
Conc: 67.21 ng/ml



#20 AR-1242-5

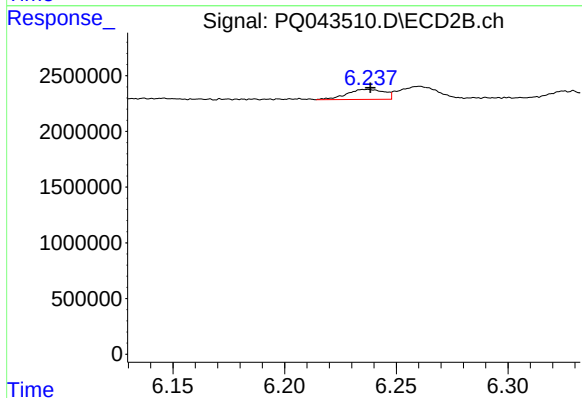
R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 1743714
Conc: 87.09 ng/ml



#21 AR-1248-1

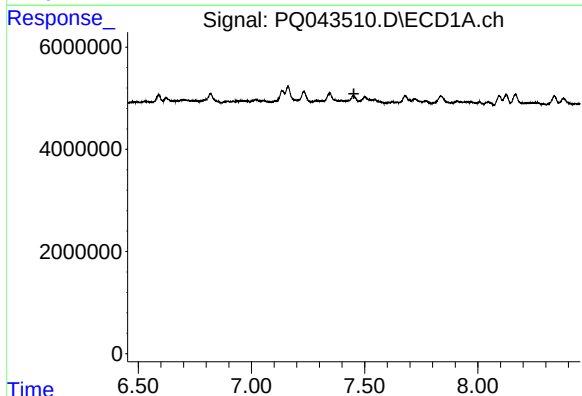
R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 2536201
Conc: 80.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



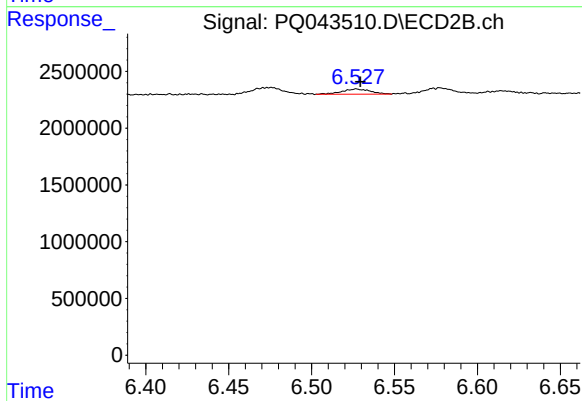
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 1048885
Conc: 83.28 ng/ml



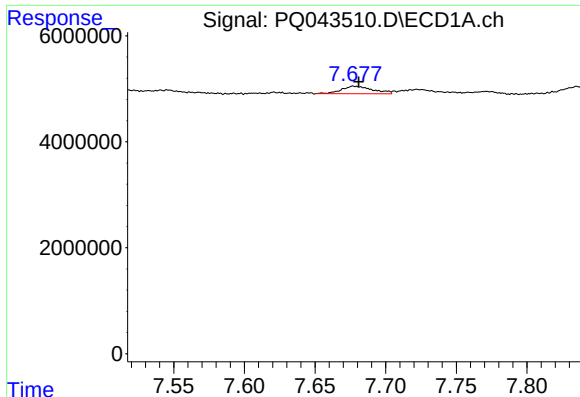
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.453 min
Response: 0
Conc: N.D.



#22 AR-1248-2

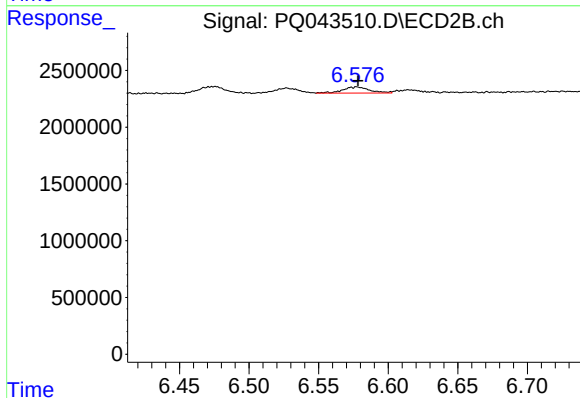
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 552183
Conc: 31.18 ng/ml



#23 AR-1248-3

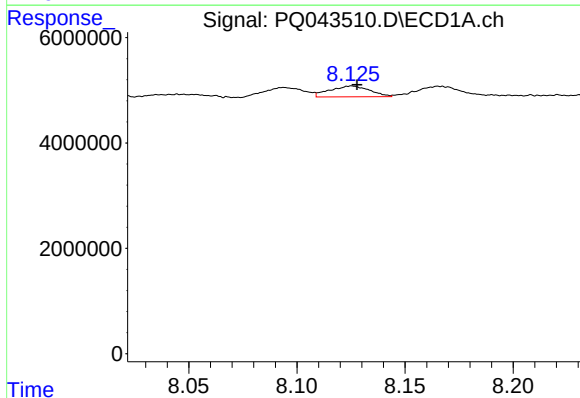
R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 2222695
Conc: 41.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



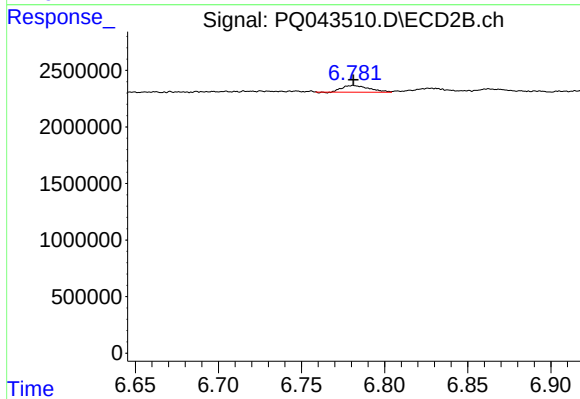
#23 AR-1248-3

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 738977
Conc: 39.47 ng/ml



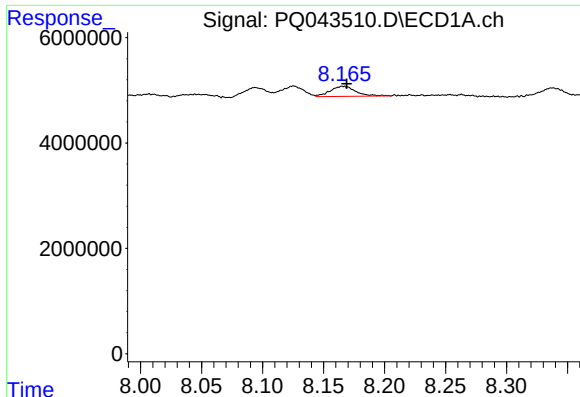
#24 AR-1248-4

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 2647401
Conc: 36.70 ng/ml



#24 AR-1248-4

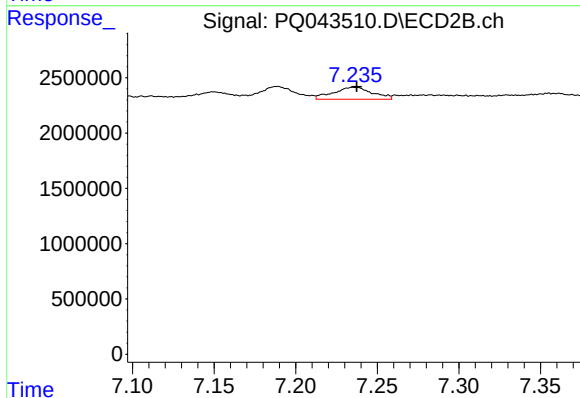
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 670901
Conc: 29.07 ng/ml



#25 AR-1248-5

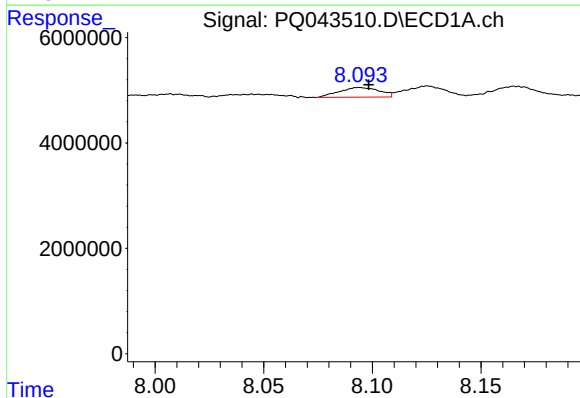
R.T.: 8.166 min
Delta R.T.: -0.003 min
Response: 2794618
Conc: 38.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



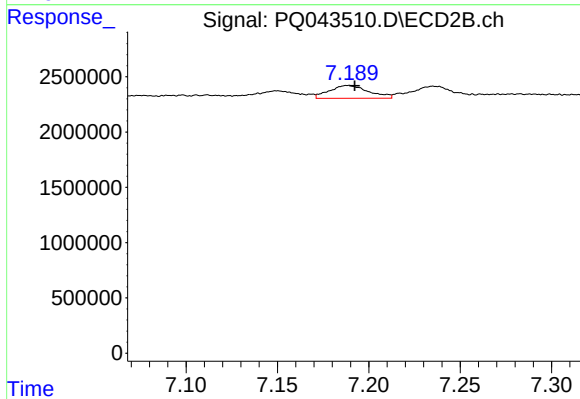
#25 AR-1248-5

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 1808762
Conc: 63.82 ng/ml



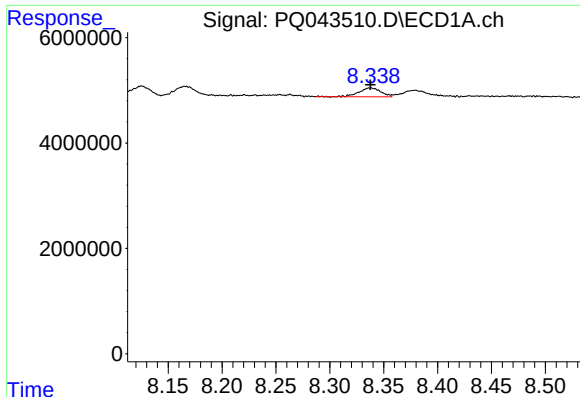
#26 AR-1254-1

R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 2366715
Conc: 32.97 ng/ml



#26 AR-1254-1

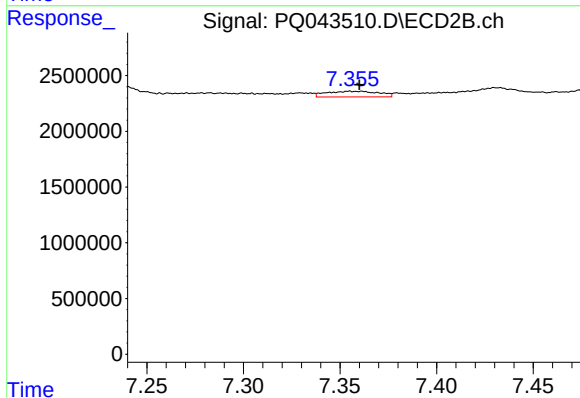
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 1743714
Conc: 38.55 ng/ml



#27 AR-1254-2

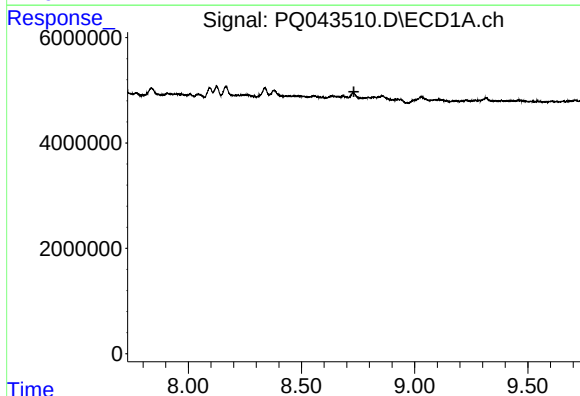
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 2357771
Conc: 19.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



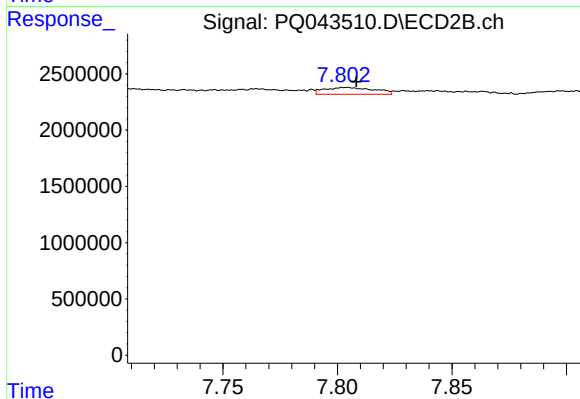
#27 AR-1254-2

R.T.: 7.355 min
Delta R.T.: -0.005 min
Response: 967361
Conc: 21.95 ng/ml



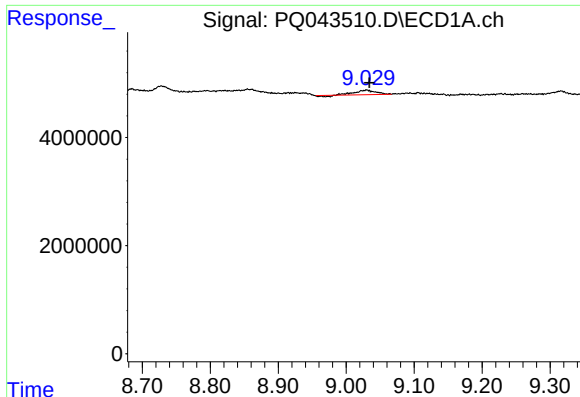
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#28 AR-1254-3

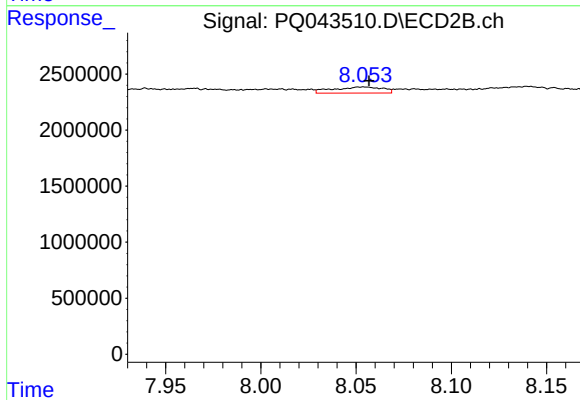
R.T.: 7.805 min
Delta R.T.: -0.004 min
Response: 923373
Conc: 12.38 ng/ml



#29 AR-1254-4

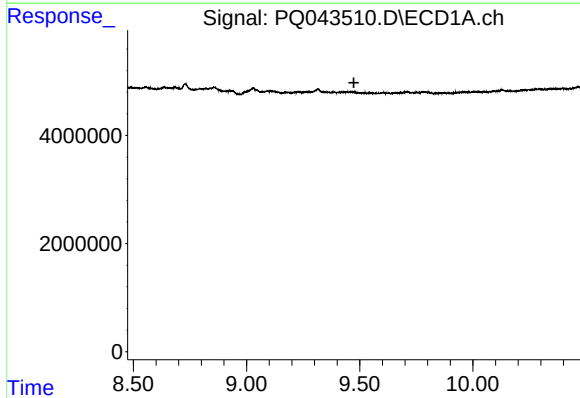
R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 1742629
Conc: 13.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



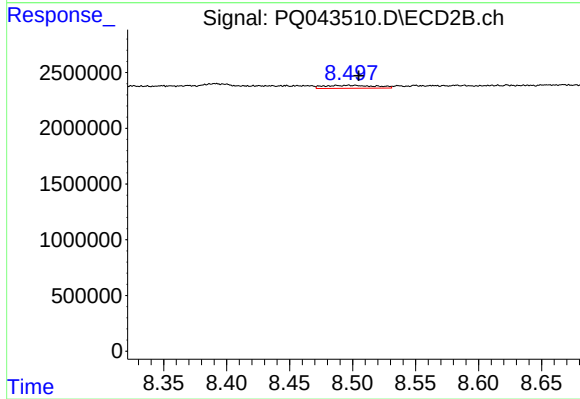
#29 AR-1254-4

R.T.: 8.054 min
Delta R.T.: -0.003 min
Response: 987558
Conc: 17.84 ng/ml



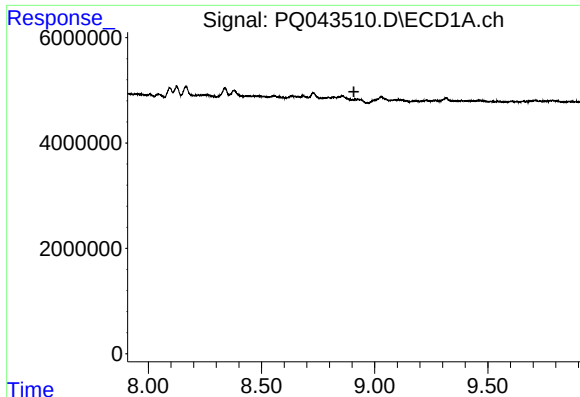
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.474 min
Response: 0
Conc: N.D.



#30 AR-1254-5

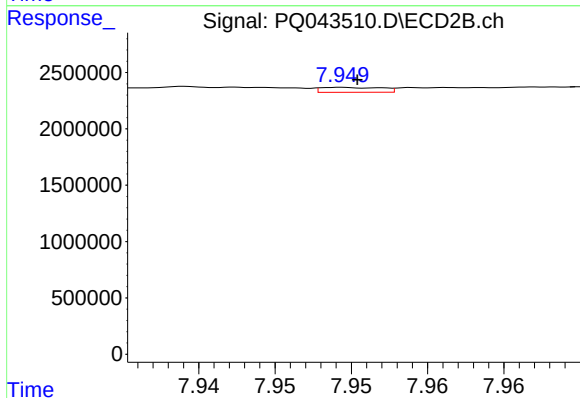
R.T.: 8.502 min
Delta R.T.: -0.003 min
Response: 758005
Conc: 9.30 ng/ml



#31 AR-1260-1

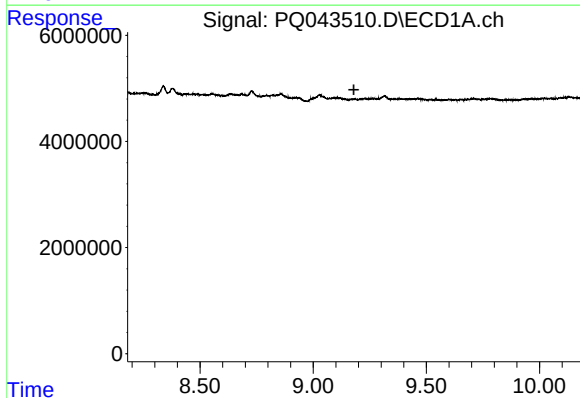
R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



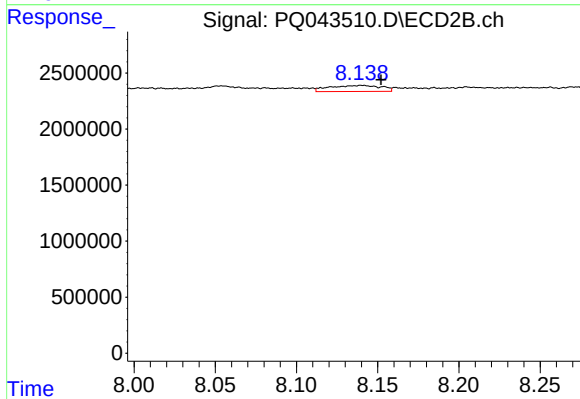
#31 AR-1260-1

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 120821
Conc: 2.08 ng/ml



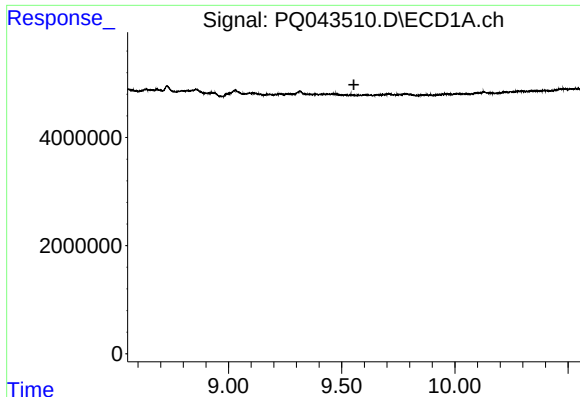
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.



#32 AR-1260-2

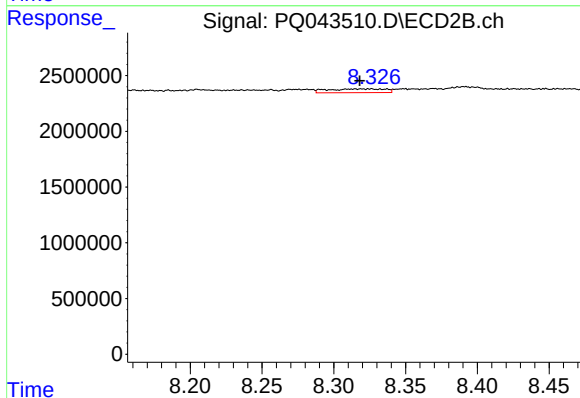
R.T.: 8.140 min
Delta R.T.: -0.012 min
Response: 1179970
Conc: 15.43 ng/ml



#33 AR-1260-3

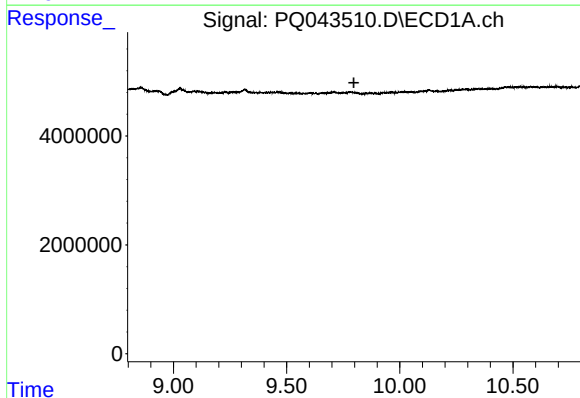
R.T.: 0.000 min
Exp R.T. : 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



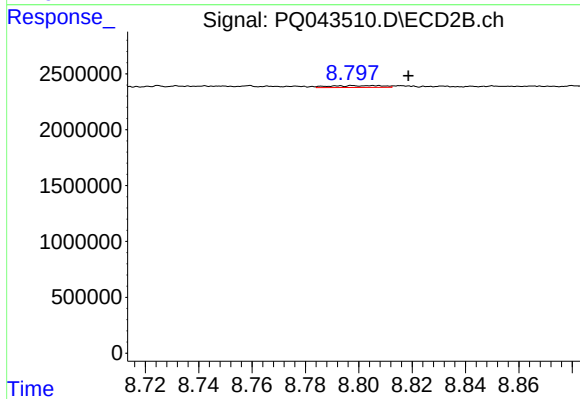
#33 AR-1260-3

R.T.: 8.326 min
Delta R.T.: 0.008 min
Response: 922561
Conc: 13.16 ng/ml



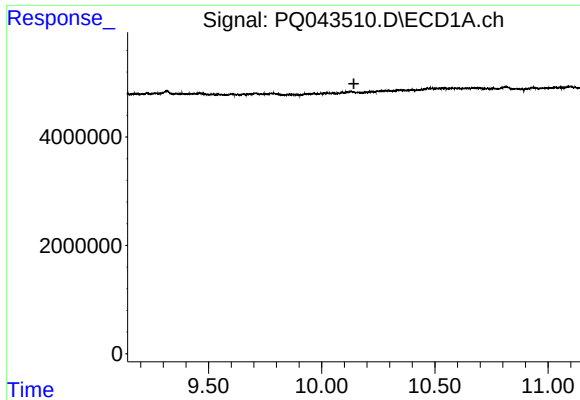
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.797 min
Response: 0
Conc: N.D.



#34 AR-1260-4

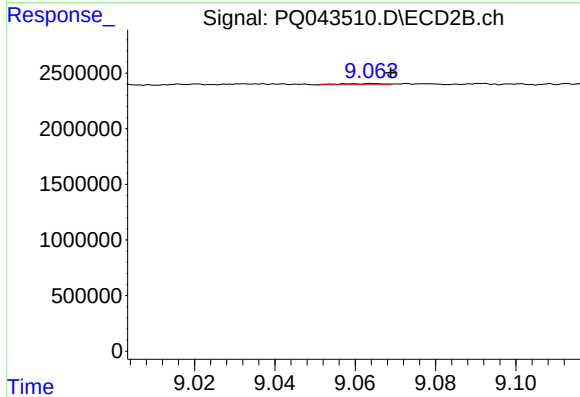
R.T.: 8.798 min
Delta R.T.: -0.021 min
Response: 228881
Conc: 3.47 ng/ml



#35 AR-1260-5

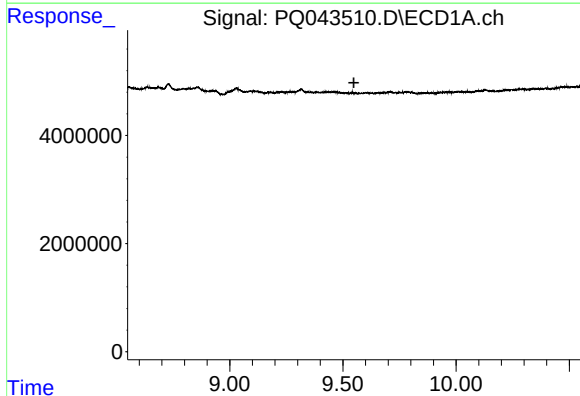
R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



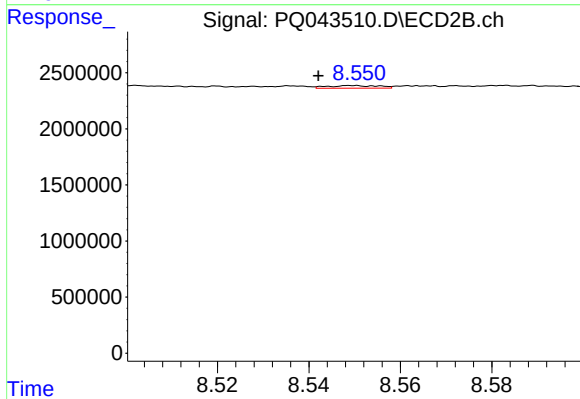
#35 AR-1260-5

R.T.: 9.064 min
Delta R.T.: -0.005 min
Response: 86070
Conc: 0.46 ng/ml



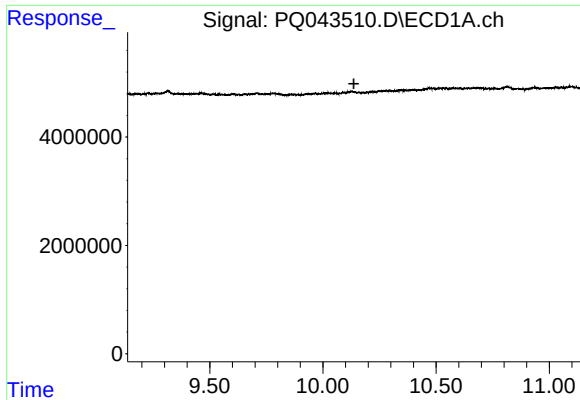
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.549 min
Response: 0
Conc: N.D.



#36 AR-1262-1

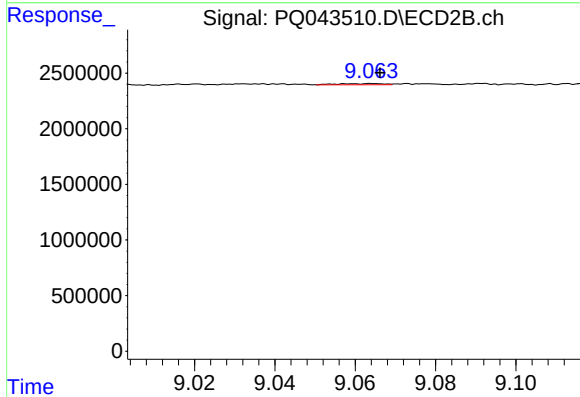
R.T.: 8.550 min
Delta R.T.: 0.007 min
Response: 184762
Conc: 1.87 ng/ml



#37 AR-1262-2

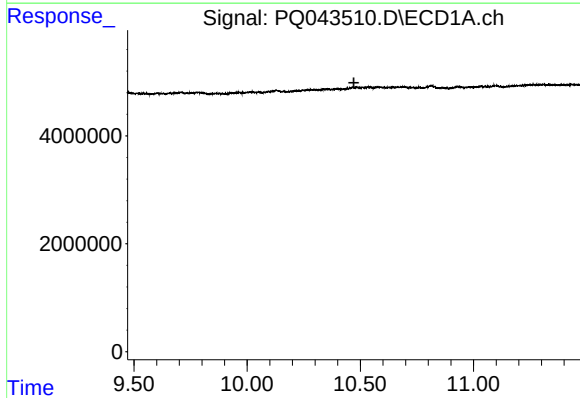
R.T.: 0.000 min
Exp R.T.: 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



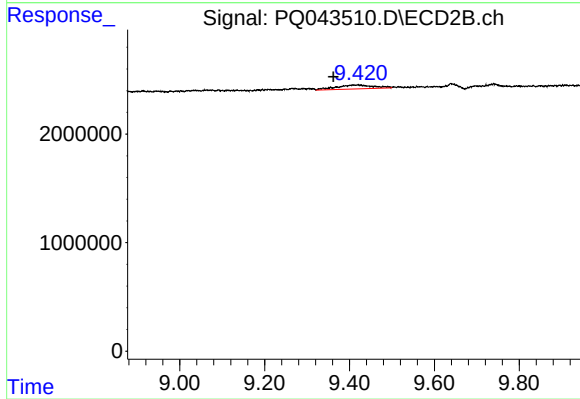
#37 AR-1262-2

R.T.: 9.064 min
Delta R.T.: -0.002 min
Response: 86070
Conc: 0.39 ng/ml



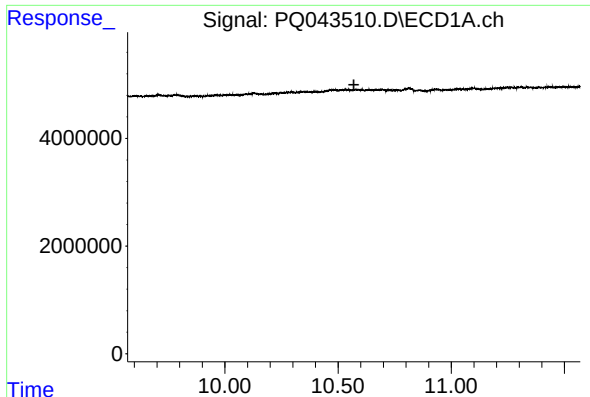
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.472 min
Response: 0
Conc: N.D.



#38 AR-1262-3

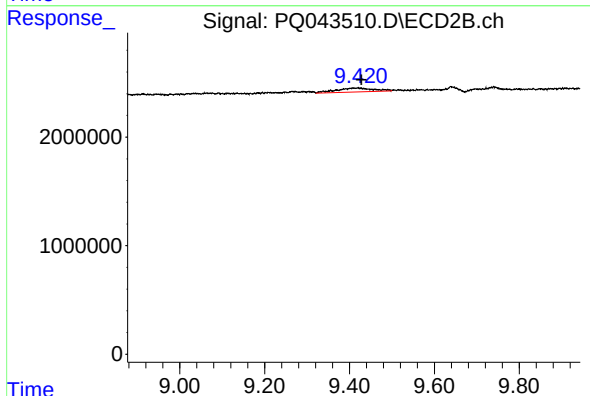
R.T.: 9.427 min
Delta R.T.: 0.065 min
Response: 2243161
Conc: 19.50 ng/ml



#39 AR-1262-4

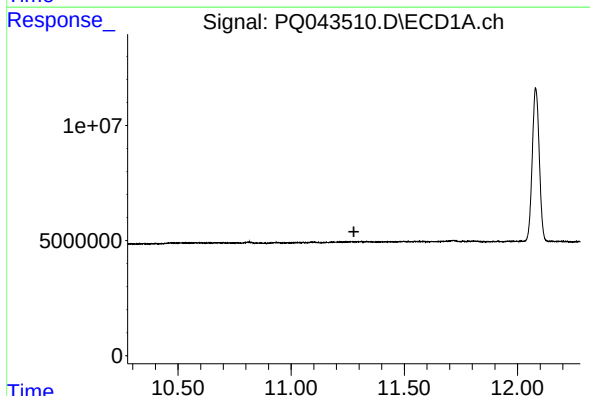
R.T.: 0.000 min
Exp R.T.: 10.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



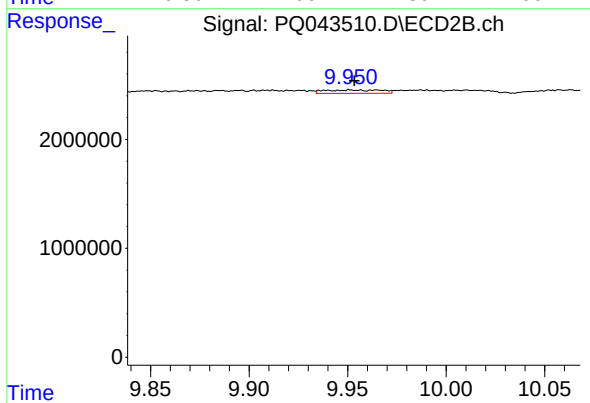
#39 AR-1262-4

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 2243161
Conc: 9.96 ng/ml



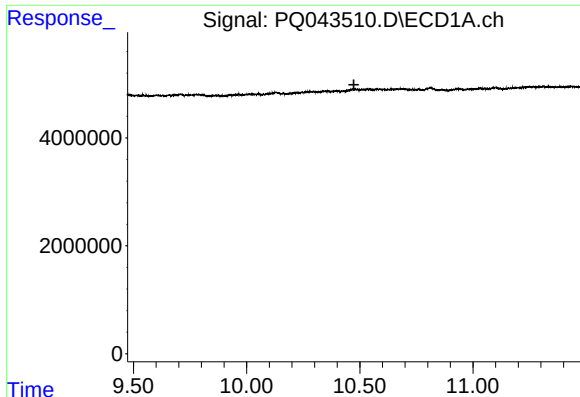
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.277 min
Response: 0
Conc: N.D.



#40 AR-1262-5

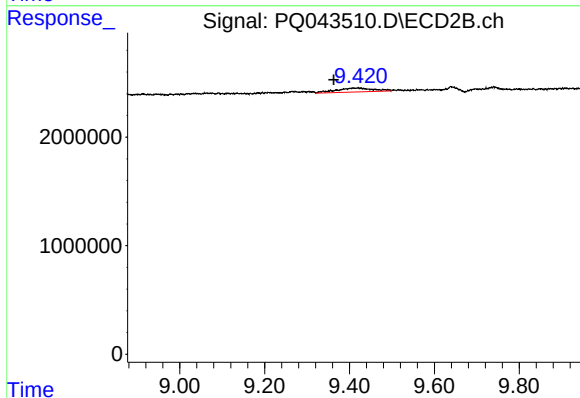
R.T.: 9.951 min
Delta R.T.: -0.002 min
Response: 617130
Conc: 3.99 ng/ml



#41 AR-1268-1

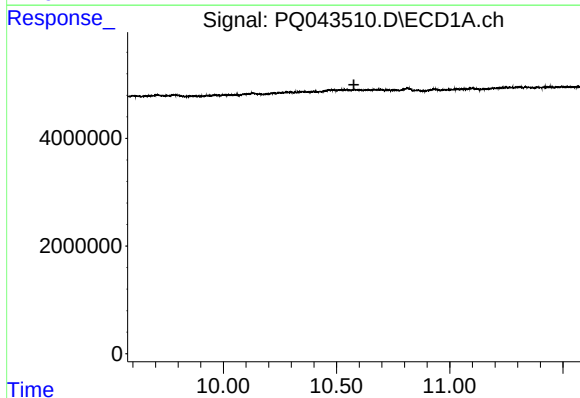
R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



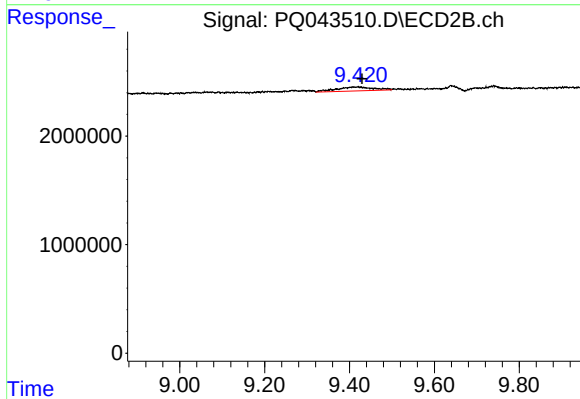
#41 AR-1268-1

R.T.: 9.427 min
Delta R.T.: 0.064 min
Response: 2243161
Conc: 6.86 ng/ml



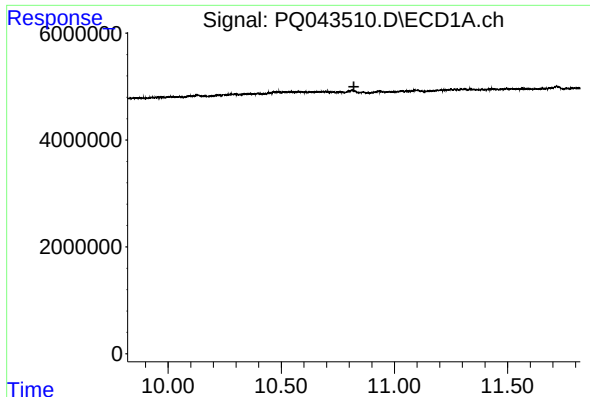
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.577 min
Response: 0
Conc: N.D.



#42 AR-1268-2

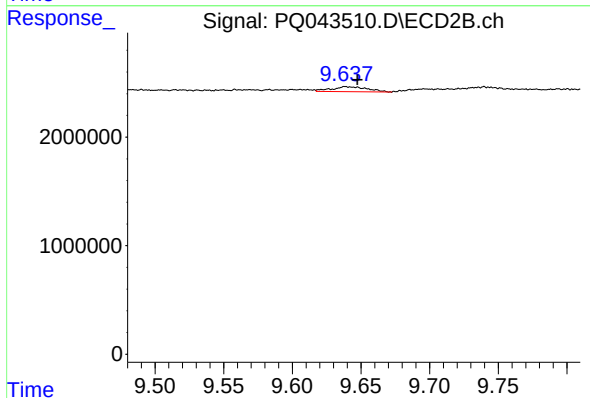
R.T.: 9.427 min
Delta R.T.: -0.003 min
Response: 2243161
Conc: 7.01 ng/ml



#43 AR-1268-3

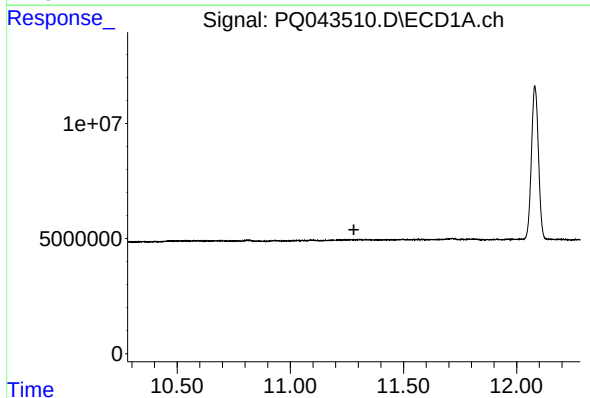
R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



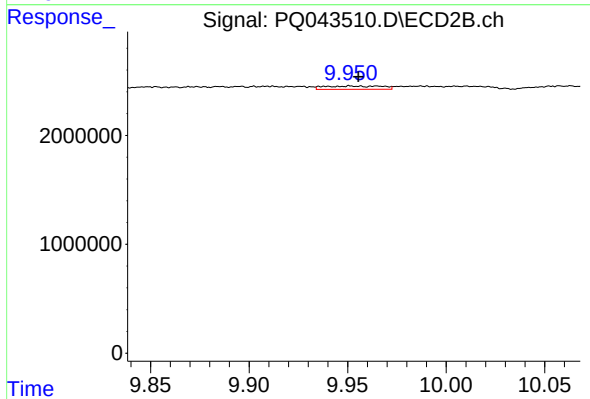
#43 AR-1268-3

R.T.: 9.639 min
Delta R.T.: -0.009 min
Response: 828462
Conc: 2.92 ng/ml



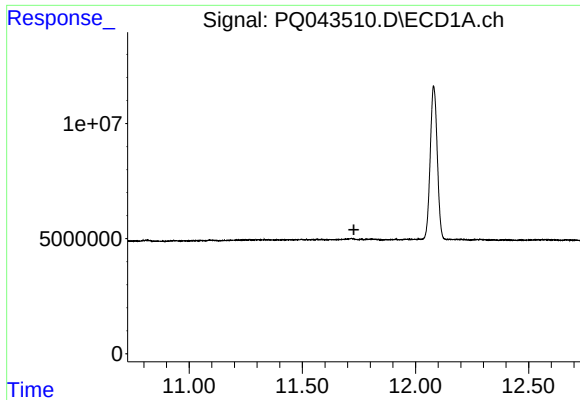
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.



#44 AR-1268-4

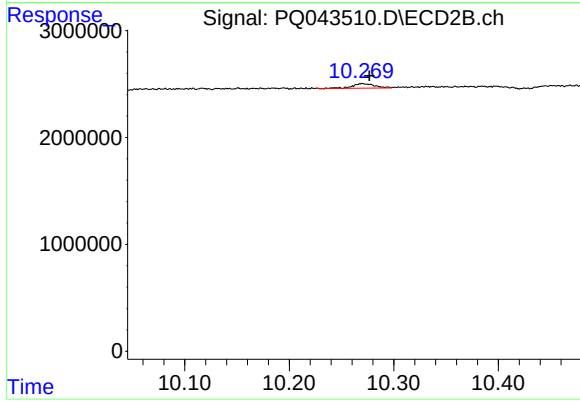
R.T.: 9.951 min
Delta R.T.: -0.004 min
Response: 617130
Conc: 3.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.007 min
Response: 636956
Conc: 0.51 ng/ml