

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 04:57
 Operator : YP\AJ
 Sample : 01627-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:46:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 2023
 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...	3.437	2.798	491.4E6	273.1E6	21.357	24.274
2)	SA Decachlor...	8.574	7.534	308.3E6	275.0E6	22.735	25.621
Target Compounds							
3)	L1 AR-1016-1	4.519	3.788	11073940	5222770	13.930	13.387
4)	L1 AR-1016-2	4.538	3.804	17112173	9112046	14.299	15.447
5)	L1 AR-1016-3	4.595	3.962	11253534	3581778	15.185	11.393
6)	L1 AR-1016-4	4.685	4.008	7433075	2947788	11.983	12.025
7)	L1 AR-1016-5	4.965	4.200	9072797	5537377	15.421	17.339
8)	L2 AR-1221-1	3.633	2.997	6878702	2610271	28.714	23.223
9)	L2 AR-1221-2	3.712	3.068	12655159	5946873	72.399	71.438
10)	L2 AR-1221-3	3.780	3.141	18436599	8890302	35.242	34.409
11)	L3 AR-1232-1	3.780	3.141	18436599	8890302	35.113	33.209
12)	L3 AR-1232-2	4.266	3.804	9394992	9112046	35.179	33.930
13)	L3 AR-1232-3	4.538	3.962	17112173	3581778	31.378	25.719
14)	L3 AR-1232-4	4.685	4.044	7433075	3807109	27.513	32.078
15)	L3 AR-1232-5	4.779	4.200	6520286	5537377	34.930	40.635
16)	L4 AR-1242-1	4.519	3.788	11073940	5222770	17.934	16.242
17)	L4 AR-1242-2	4.538	3.804	17112173	9112046	18.225	19.020
18)	L4 AR-1242-3	4.595	3.962	11253534	3581778	19.482	13.816 #
19)	L4 AR-1242-4	4.685	4.044	7433075	3807109	15.244	15.906
20)	L4 AR-1242-5	5.387	4.531	9987664	5332866	20.026	17.272
21)	L5 AR-1248-1	4.519	3.788	11073940	5222770	23.226	21.322
22)	L5 AR-1248-2	4.779	4.008	6520286	2947788	10.484	8.560
23)	L5 AR-1248-3	4.965	4.044	9072797	3807109	11.971	10.920
24)	L5 AR-1248-4	5.351	4.200	8910997	5537377	10.670	13.084
25)	L5 AR-1248-5	5.387	4.568	9987664	5763908	11.942	13.541
26)	L6 AR-1254-1	5.324	4.531	8004079	5332866	9.569	8.236
27)	L6 AR-1254-2	5.535	4.673	7838422	1696796	6.126	3.080 #
28)	L6 AR-1254-3	5.890	5.046	4274673	2273716	3.147	2.652
29)	L6 AR-1254-4	6.175	5.272	4044843	1474966	4.078	2.634 #
30)	L6 AR-1254-5	6.595f	5.671	916729	1183059	0.873	1.460 #
31)	L7 AR-1260-1	6.055	5.180	200186	1453049	0.191	2.366 #
32)	L7 AR-1260-2	6.312	5.369	3604233	707942	2.906	0.949 #
33)	L7 AR-1260-3	6.698f	5.505	214766	5603651	0.240	7.710 #
34)	L7 AR-1260-4	6.886	5.966	570390	505337	0.579	0.857 #
35)	L7 AR-1260-5	7.194	6.214	430206	222624	0.221	0.162 #
36)	L8 AR-1262-1	6.640	5.709	594864	272044	0.517	0.348 #
37)	L8 AR-1262-2	7.194	6.203	430206	210055	0.215	0.148 #
38)	L8 AR-1262-3	7.443f	6.460	228262	1655134	0.174	2.915 #
39)	L8 AR-1262-4	7.529	0.000	4364127	0	4.268	N.D. #
40)	L8 AR-1262-5	8.031	7.022	291267	238172	0.448	0.460
41)	L9 AR-1268-1	7.443f	6.489	228262	1031669	0.100	0.609 #

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 Acq On : 25 Feb 2023 04:57
 Operator : YP\AJ
 Sample : 01627-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 54 Sample Multiplier: 1

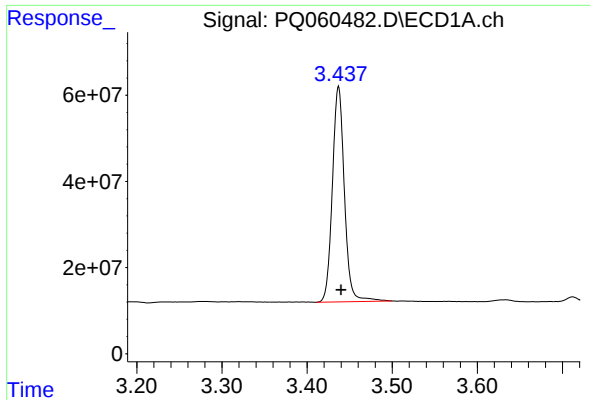
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:46:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
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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	7.529	0.000	4364127	0	2.056	N.D. #
43) L9	AR-1268-3	7.729	6.755	1305705	1722533	0.750	1.266 #
44) L9	AR-1268-4	8.051	7.042	346847	470881	0.467	0.798 #
45) L9	AR-1268-5	8.347	7.318	1803557	2684795	0.350	0.629 #

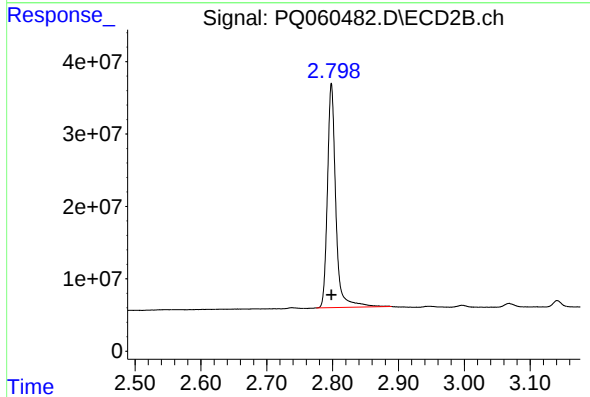
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

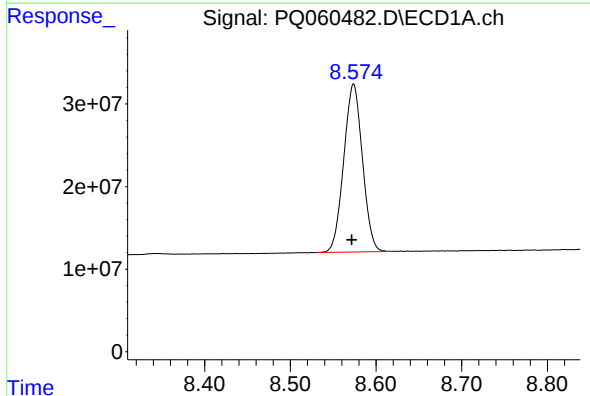
R.T.: 3.437 min
Delta R.T.: -0.003 min
Response: 491437056
Conc: 21.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



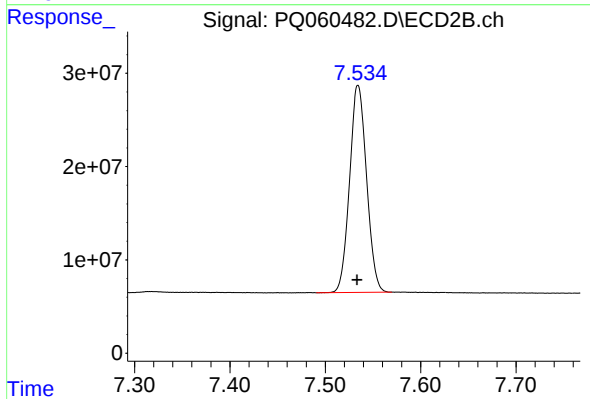
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 273077294
Conc: 24.27 ng/ml



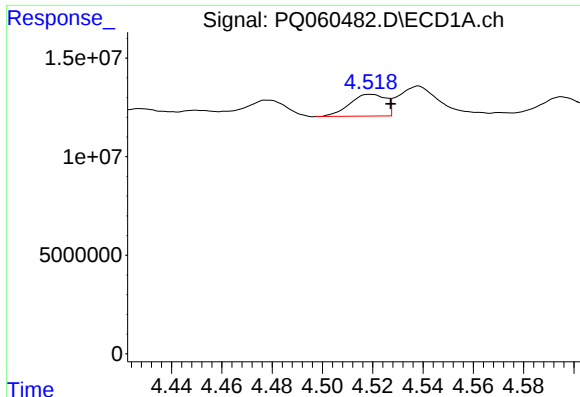
#2 Decachlorobiphenyl

R.T.: 8.574 min
Delta R.T.: 0.002 min
Response: 308272485
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

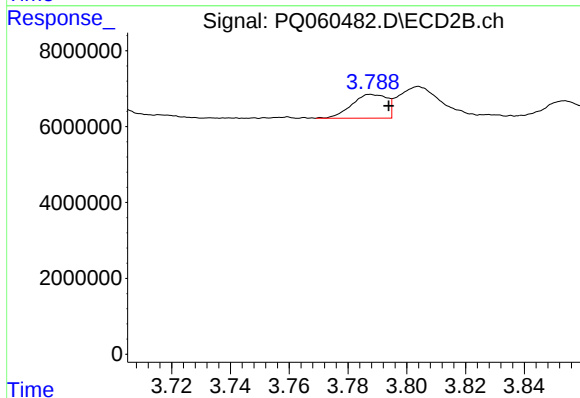
R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 274975585
Conc: 25.62 ng/ml



#3 AR-1016-1

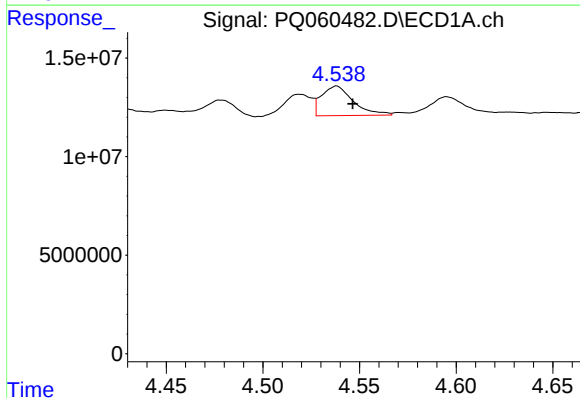
R.T.: 4.519 min
Delta R.T.: -0.008 min
Response: 11073940
Conc: 13.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



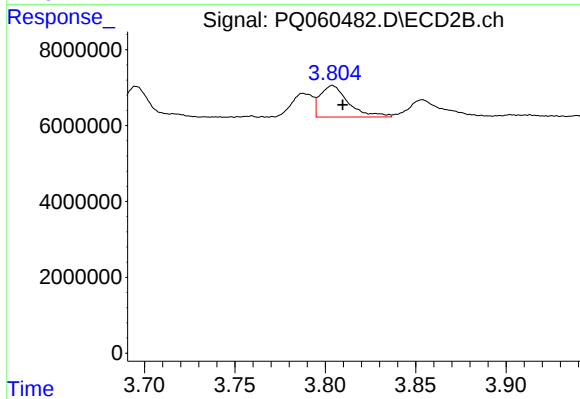
#3 AR-1016-1

R.T.: 3.788 min
Delta R.T.: -0.006 min
Response: 5222770
Conc: 13.39 ng/ml



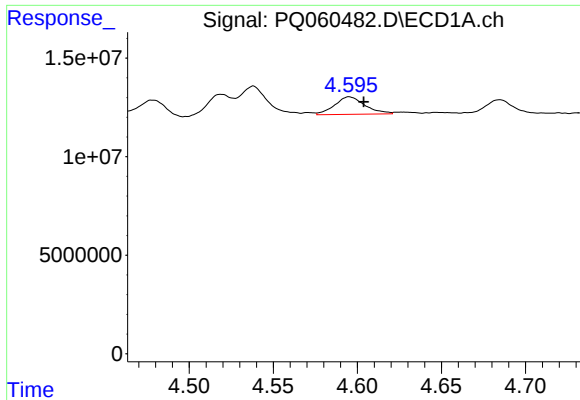
#4 AR-1016-2

R.T.: 4.538 min
Delta R.T.: -0.008 min
Response: 17112173
Conc: 14.30 ng/ml



#4 AR-1016-2

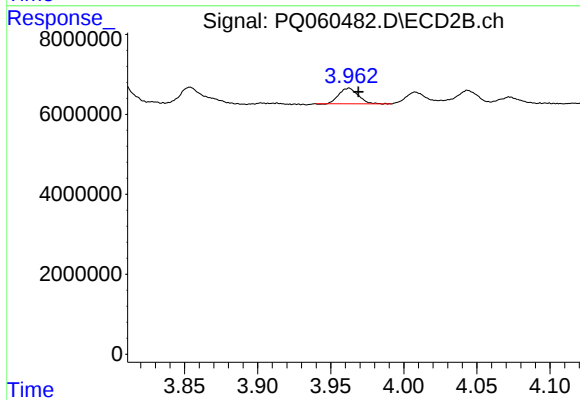
R.T.: 3.804 min
Delta R.T.: -0.006 min
Response: 9112046
Conc: 15.45 ng/ml



#5 AR-1016-3

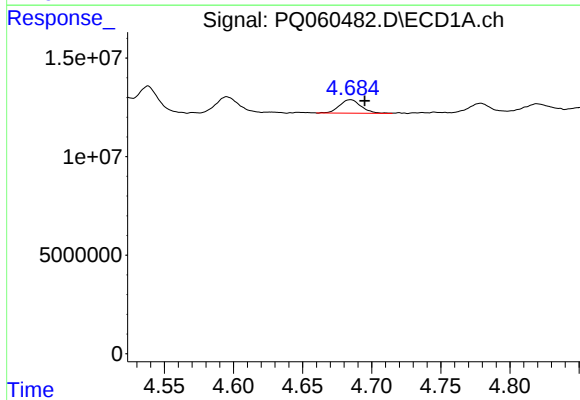
R.T.: 4.595 min
Delta R.T.: -0.008 min
Response: 11253534
Conc: 15.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



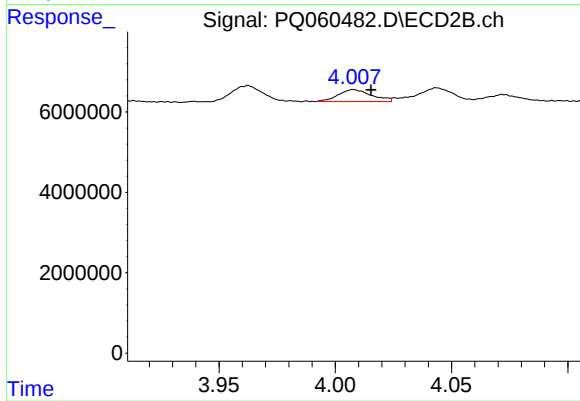
#5 AR-1016-3

R.T.: 3.962 min
Delta R.T.: -0.007 min
Response: 3581778
Conc: 11.39 ng/ml



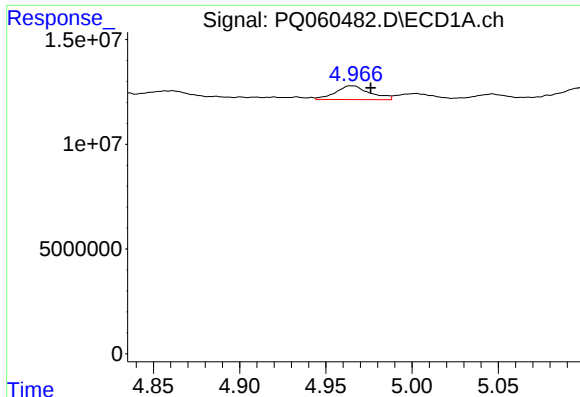
#6 AR-1016-4

R.T.: 4.685 min
Delta R.T.: -0.010 min
Response: 7433075
Conc: 11.98 ng/ml



#6 AR-1016-4

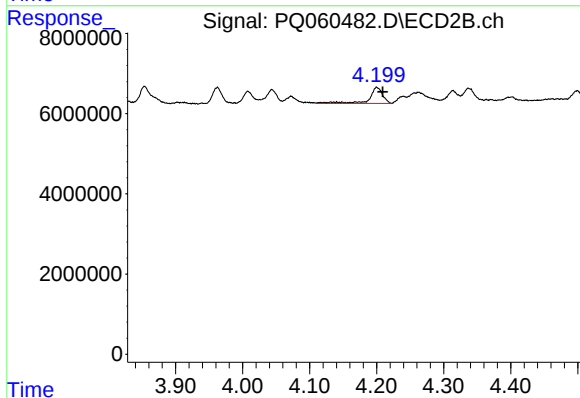
R.T.: 4.008 min
Delta R.T.: -0.007 min
Response: 2947788
Conc: 12.03 ng/ml



#7 AR-1016-5

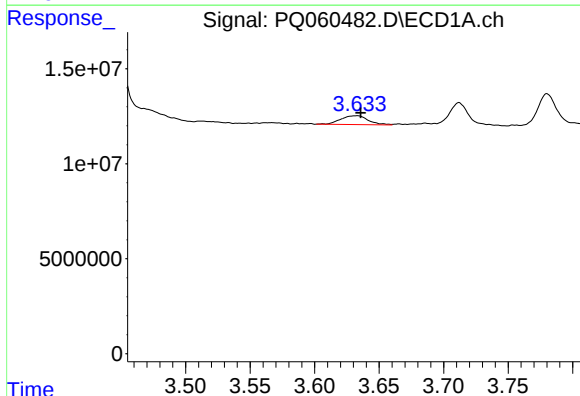
R.T.: 4.965 min
Delta R.T.: -0.011 min
Response: 9072797
Conc: 15.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



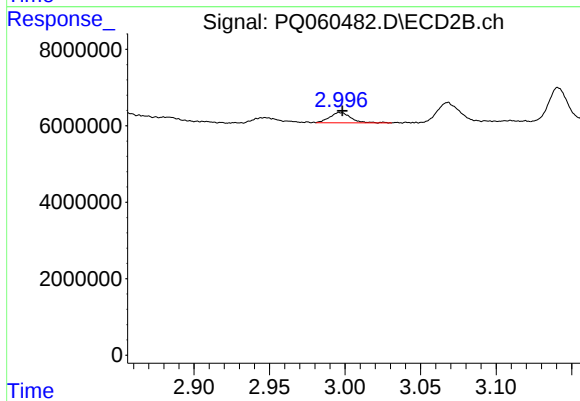
#7 AR-1016-5

R.T.: 4.200 min
Delta R.T.: -0.009 min
Response: 5537377
Conc: 17.34 ng/ml



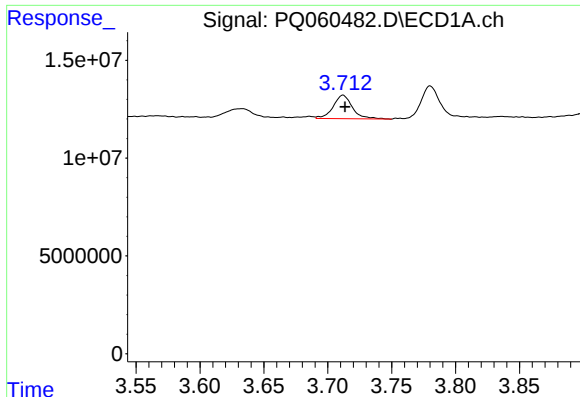
#8 AR-1221-1

R.T.: 3.633 min
Delta R.T.: -0.003 min
Response: 6878702
Conc: 28.71 ng/ml



#8 AR-1221-1

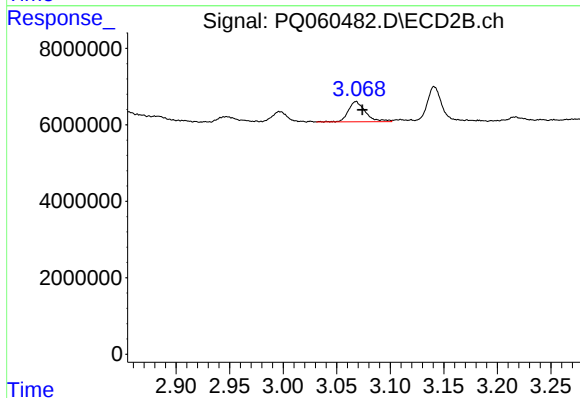
R.T.: 2.997 min
Delta R.T.: -0.001 min
Response: 2610271
Conc: 23.22 ng/ml



#9 AR-1221-2

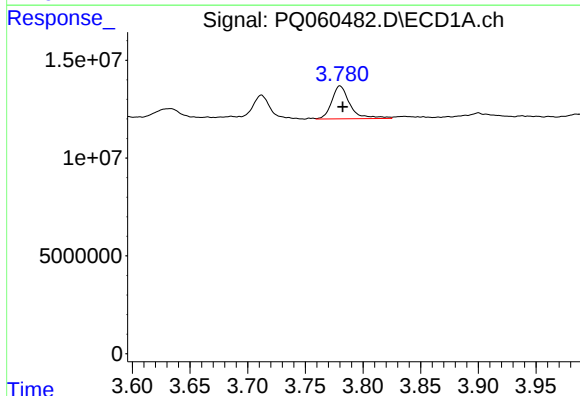
R.T.: 3.712 min
Delta R.T.: -0.002 min
Response: 12655159
Conc: 72.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



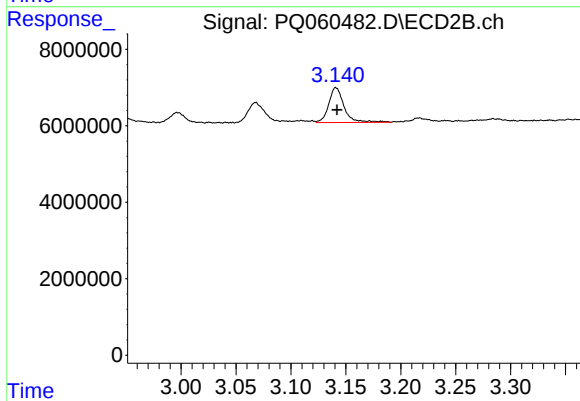
#9 AR-1221-2

R.T.: 3.068 min
Delta R.T.: -0.006 min
Response: 5946873
Conc: 71.44 ng/ml



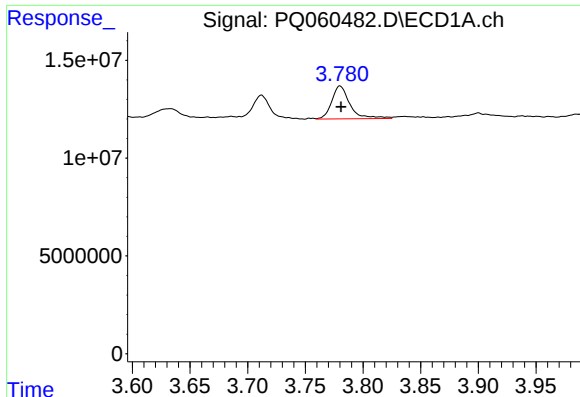
#10 AR-1221-3

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 18436599
Conc: 35.24 ng/ml



#10 AR-1221-3

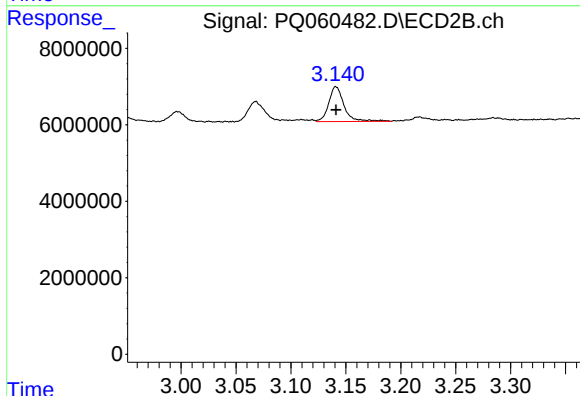
R.T.: 3.141 min
Delta R.T.: 0.000 min
Response: 8890302
Conc: 34.41 ng/ml



#11 AR-1232-1

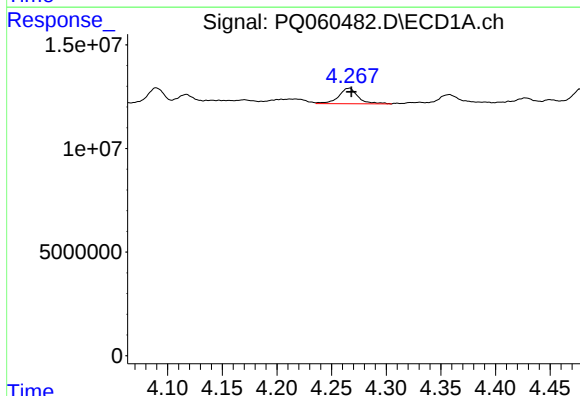
R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 18436599
Conc: 35.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



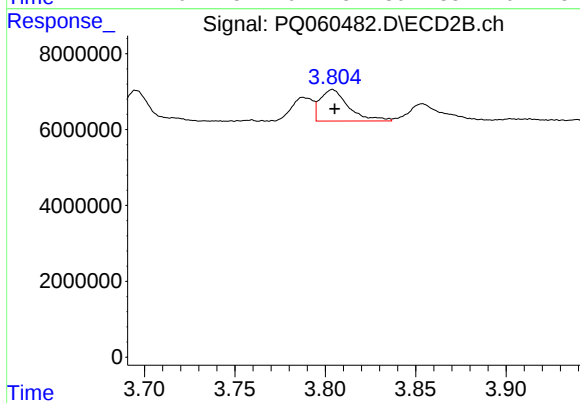
#11 AR-1232-1

R.T.: 3.141 min
Delta R.T.: 0.000 min
Response: 8890302
Conc: 33.21 ng/ml



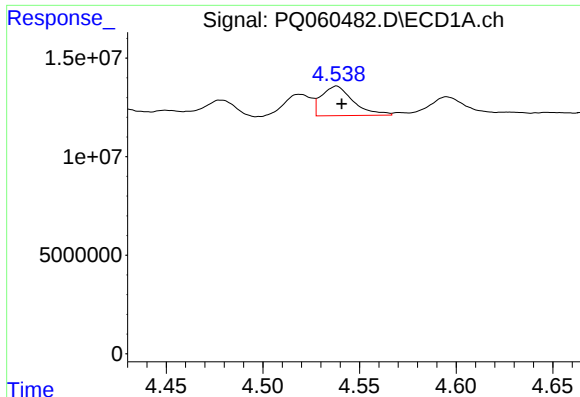
#12 AR-1232-2

R.T.: 4.266 min
Delta R.T.: -0.002 min
Response: 9394992
Conc: 35.18 ng/ml



#12 AR-1232-2

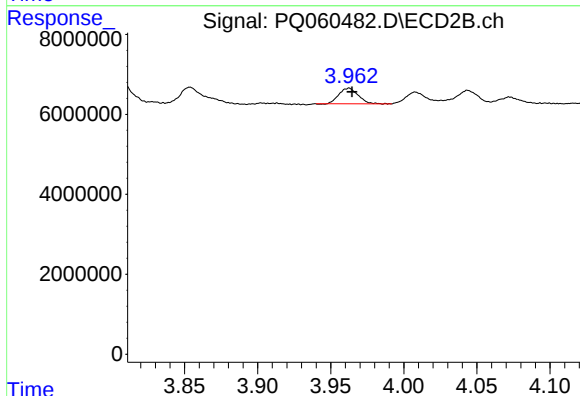
R.T.: 3.804 min
Delta R.T.: -0.001 min
Response: 9112046
Conc: 33.93 ng/ml



#13 AR-1232-3

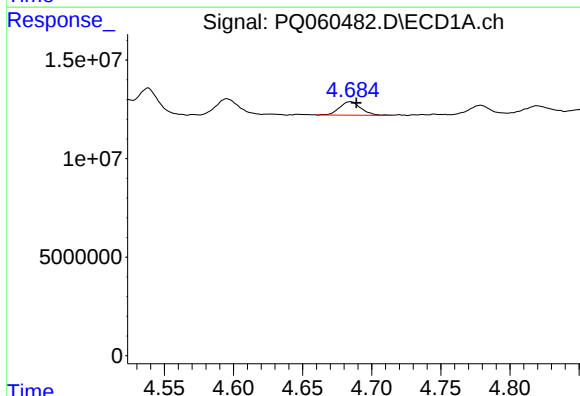
R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 17112173
Conc: 31.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



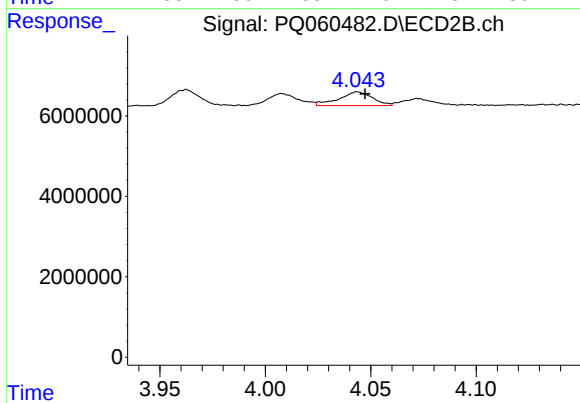
#13 AR-1232-3

R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 3581778
Conc: 25.72 ng/ml



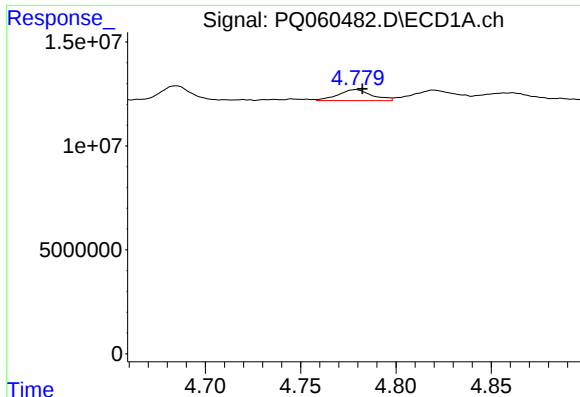
#14 AR-1232-4

R.T.: 4.685 min
Delta R.T.: -0.004 min
Response: 7433075
Conc: 27.51 ng/ml



#14 AR-1232-4

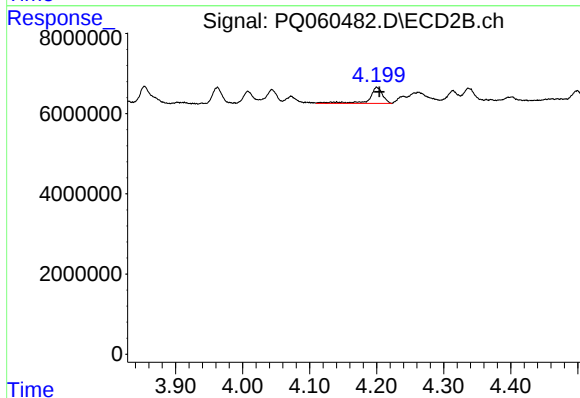
R.T.: 4.044 min
Delta R.T.: -0.004 min
Response: 3807109
Conc: 32.08 ng/ml



#15 AR-1232-5

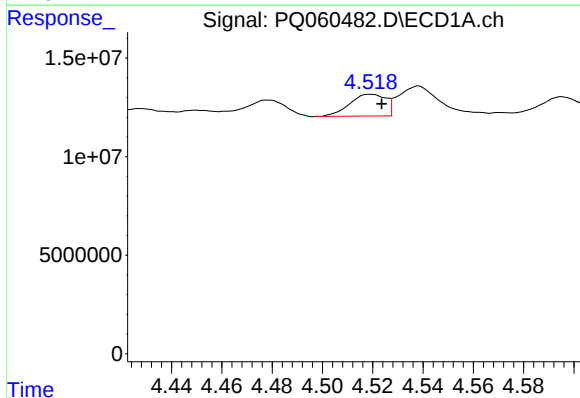
R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 6520286
Conc: 34.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



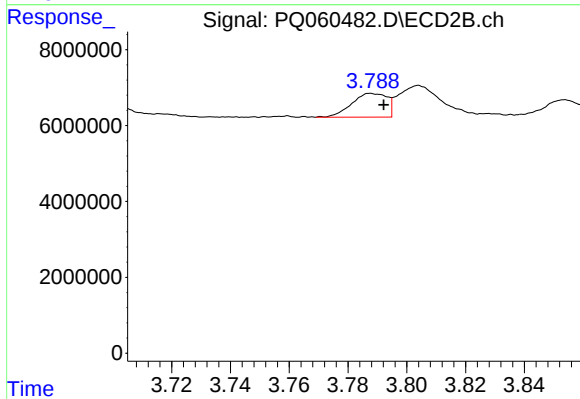
#15 AR-1232-5

R.T.: 4.200 min
Delta R.T.: -0.004 min
Response: 5537377
Conc: 40.63 ng/ml



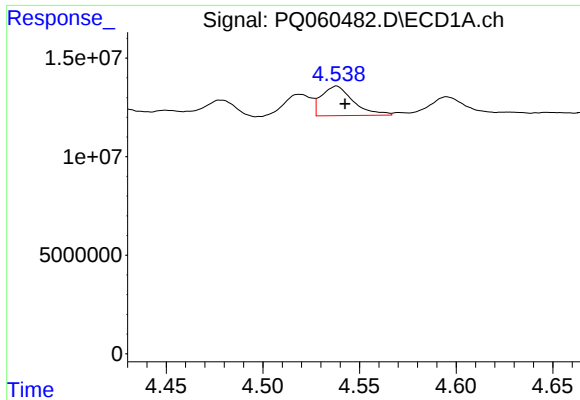
#16 AR-1242-1

R.T.: 4.519 min
Delta R.T.: -0.005 min
Response: 11073940
Conc: 17.93 ng/ml



#16 AR-1242-1

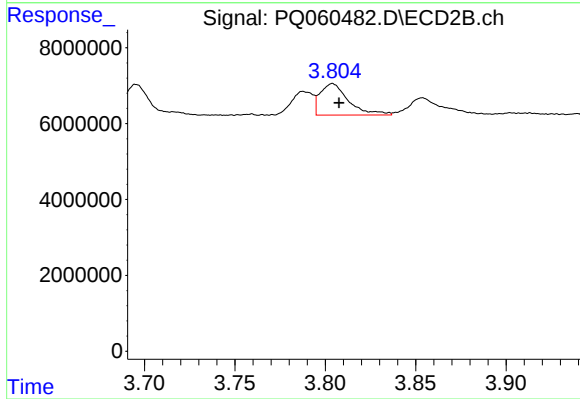
R.T.: 3.788 min
Delta R.T.: -0.004 min
Response: 5222770
Conc: 16.24 ng/ml



#17 AR-1242-2

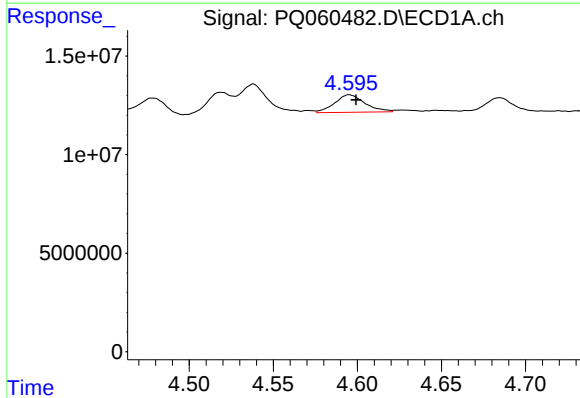
R.T.: 4.538 min
Delta R.T.: -0.005 min
Response: 17112173
Conc: 18.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



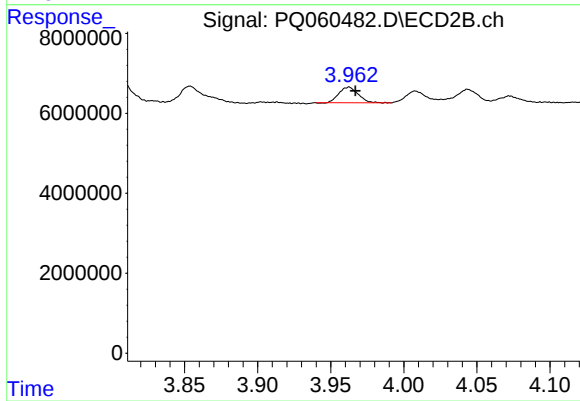
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: -0.004 min
Response: 9112046
Conc: 19.02 ng/ml



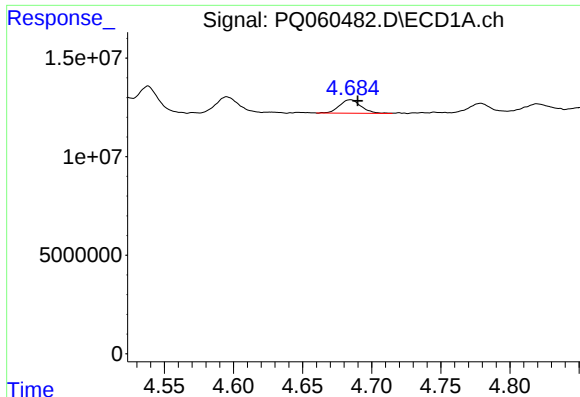
#18 AR-1242-3

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 11253534
Conc: 19.48 ng/ml



#18 AR-1242-3

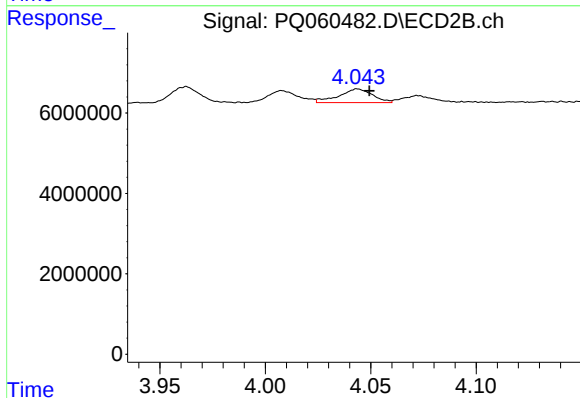
R.T.: 3.962 min
Delta R.T.: -0.005 min
Response: 3581778
Conc: 13.82 ng/ml



#19 AR-1242-4

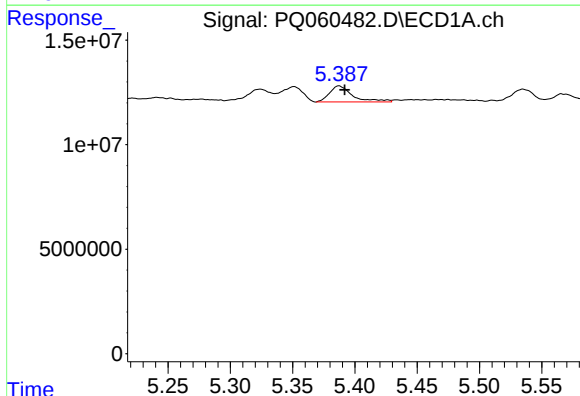
R.T.: 4.685 min
Delta R.T.: -0.005 min
Response: 7433075
Conc: 15.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



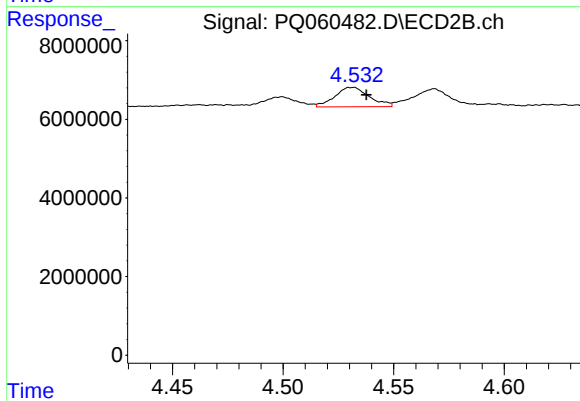
#19 AR-1242-4

R.T.: 4.044 min
Delta R.T.: -0.006 min
Response: 3807109
Conc: 15.91 ng/ml



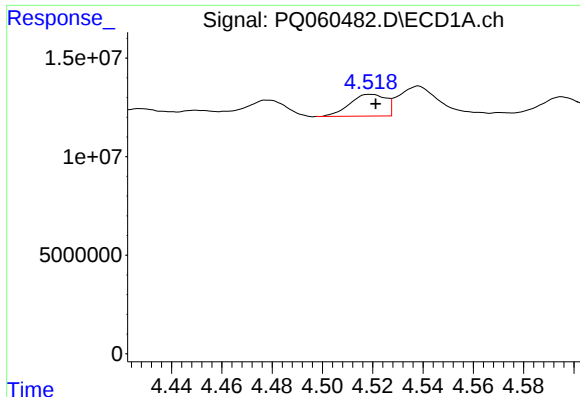
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.005 min
Response: 9987664
Conc: 20.03 ng/ml



#20 AR-1242-5

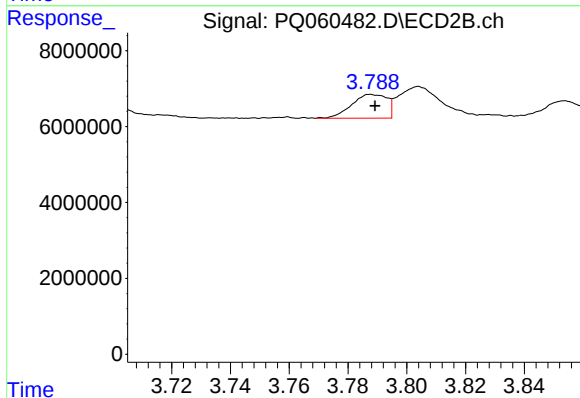
R.T.: 4.531 min
Delta R.T.: -0.006 min
Response: 5332866
Conc: 17.27 ng/ml



#21 AR-1248-1

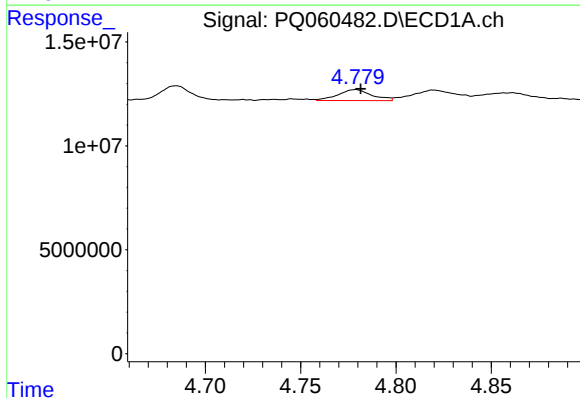
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 11073940
Conc: 23.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



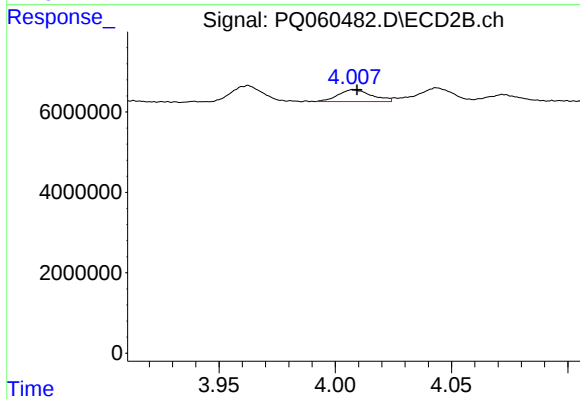
#21 AR-1248-1

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 5222770
Conc: 21.32 ng/ml



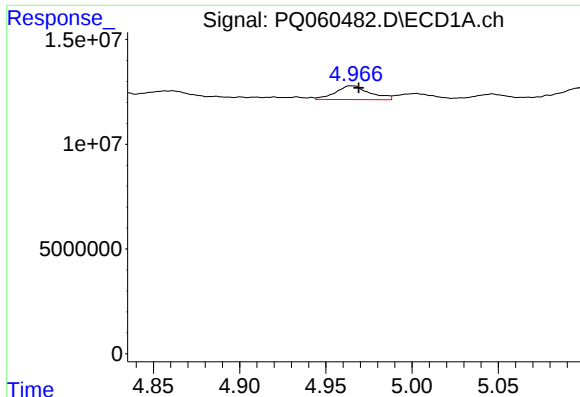
#22 AR-1248-2

R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 6520286
Conc: 10.48 ng/ml



#22 AR-1248-2

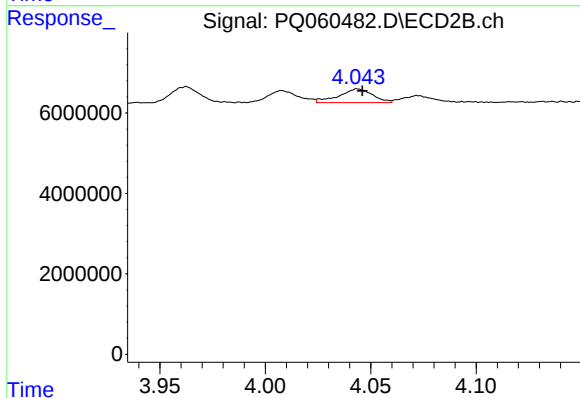
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 2947788
Conc: 8.56 ng/ml



#23 AR-1248-3

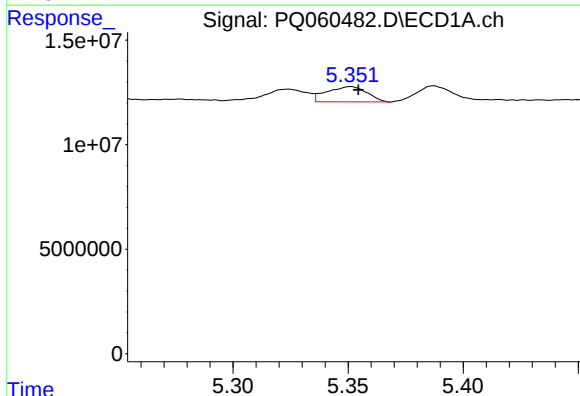
R.T.: 4.965 min
Delta R.T.: -0.004 min
Response: 9072797
Conc: 11.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



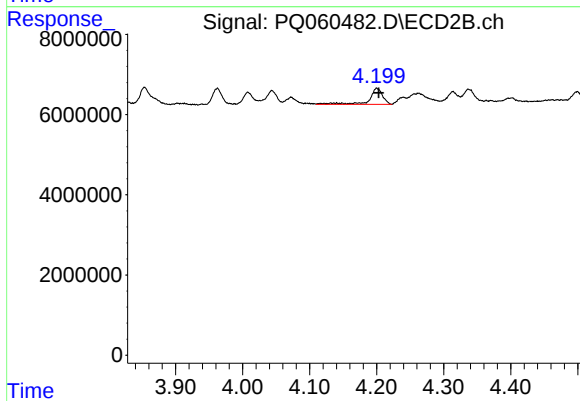
#23 AR-1248-3

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 3807109
Conc: 10.92 ng/ml



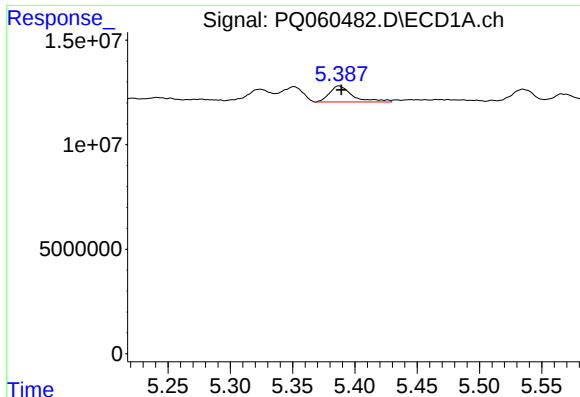
#24 AR-1248-4

R.T.: 5.351 min
Delta R.T.: -0.003 min
Response: 8910997
Conc: 10.67 ng/ml



#24 AR-1248-4

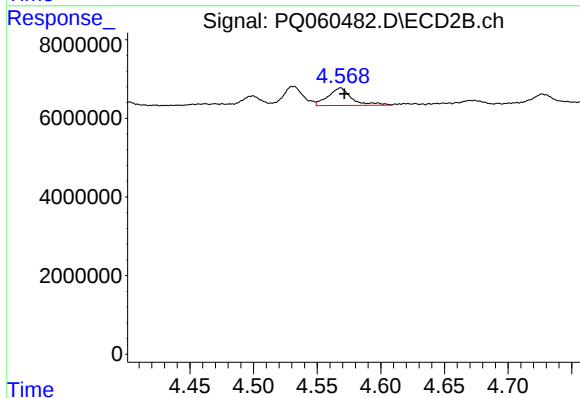
R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 5537377
Conc: 13.08 ng/ml



#25 AR-1248-5

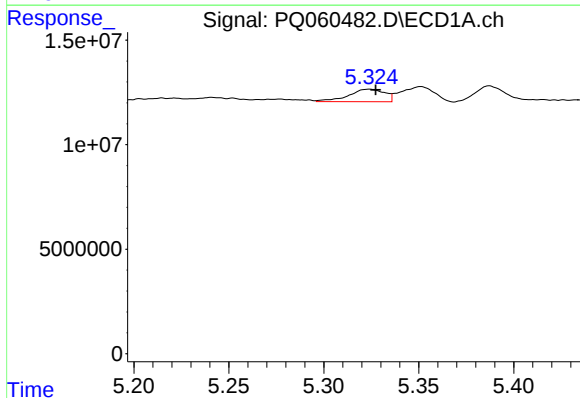
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 9987664
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



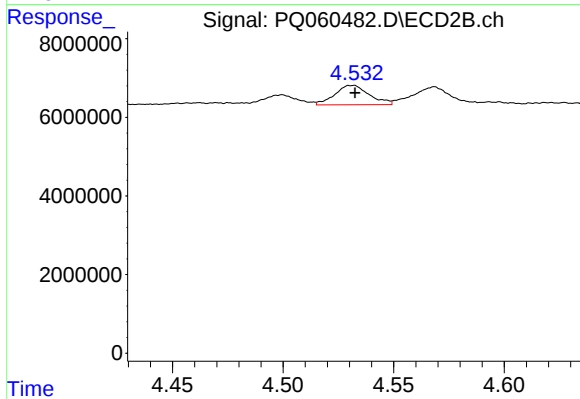
#25 AR-1248-5

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 5763908
Conc: 13.54 ng/ml



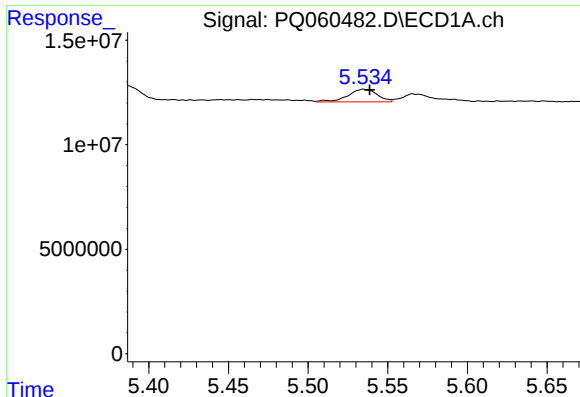
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.003 min
Response: 8004079
Conc: 9.57 ng/ml



#26 AR-1254-1

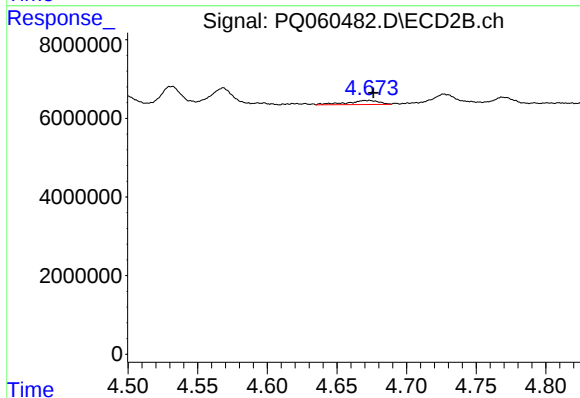
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 5332866
Conc: 8.24 ng/ml



#27 AR-1254-2

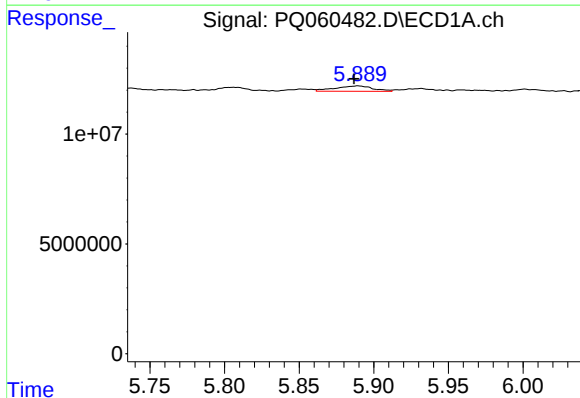
R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 7838422
Conc: 6.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



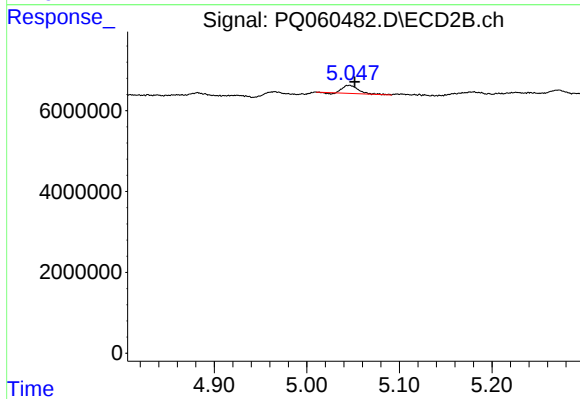
#27 AR-1254-2

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 1696796
Conc: 3.08 ng/ml



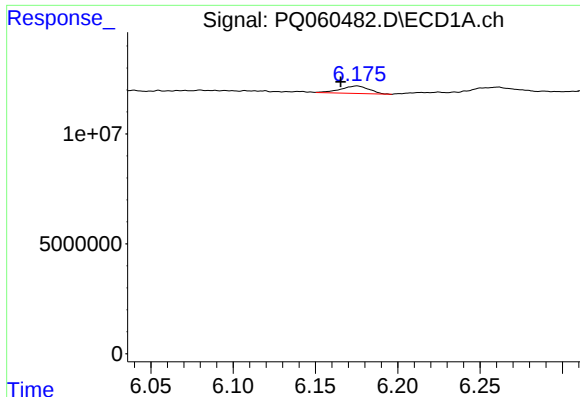
#28 AR-1254-3

R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 4274673
Conc: 3.15 ng/ml



#28 AR-1254-3

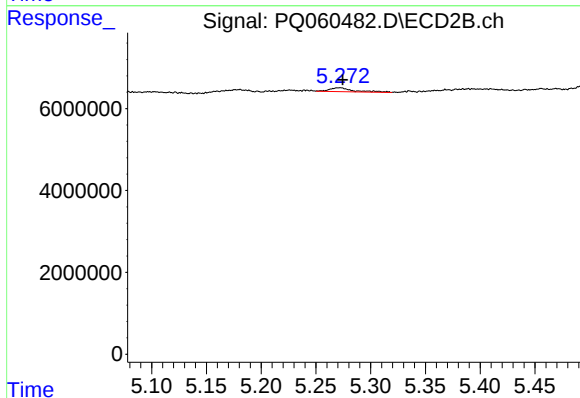
R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 2273716
Conc: 2.65 ng/ml



#29 AR-1254-4

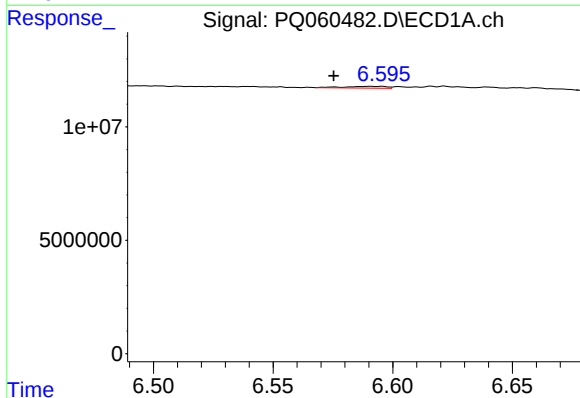
R.T.: 6.175 min
Delta R.T.: 0.010 min
Response: 4044843
Conc: 4.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



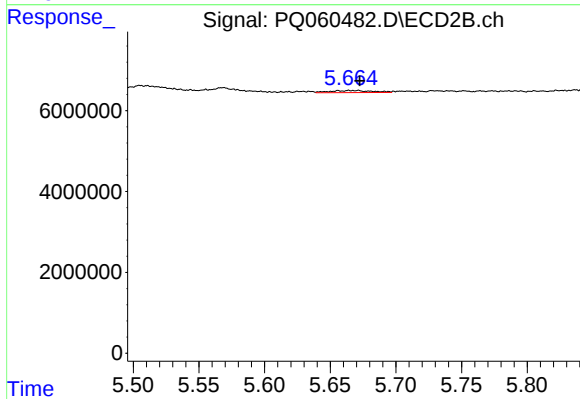
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 1474966
Conc: 2.63 ng/ml



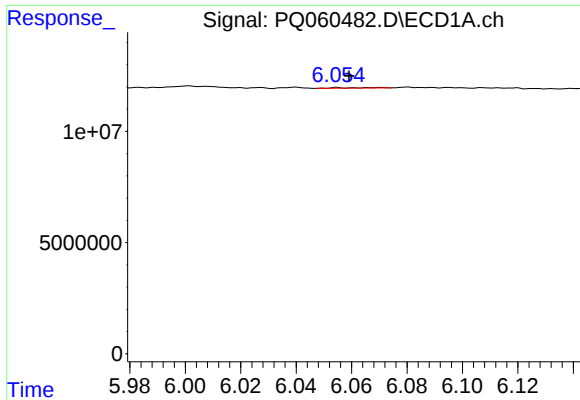
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.019 min
Response: 916729
Conc: 0.87 ng/ml



#30 AR-1254-5

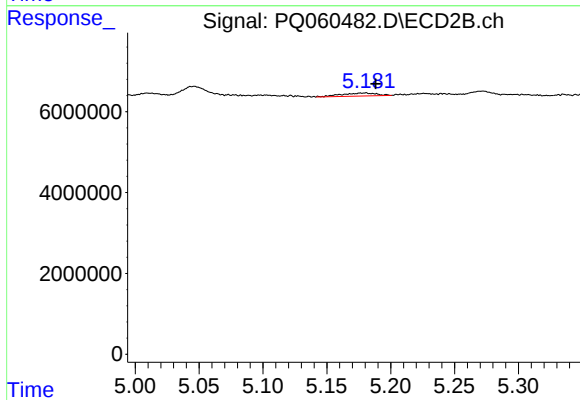
R.T.: 5.671 min
Delta R.T.: -0.001 min
Response: 1183059
Conc: 1.46 ng/ml



#31 AR-1260-1

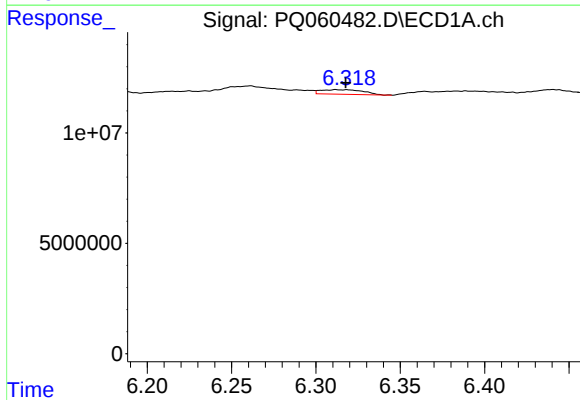
R.T.: 6.055 min
Delta R.T.: -0.004 min
Response: 200186
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



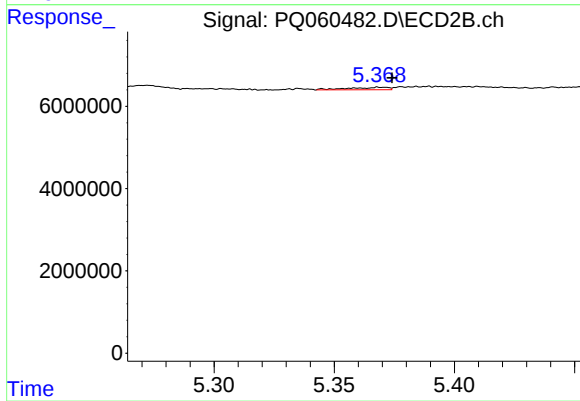
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: -0.008 min
Response: 1453049
Conc: 2.37 ng/ml



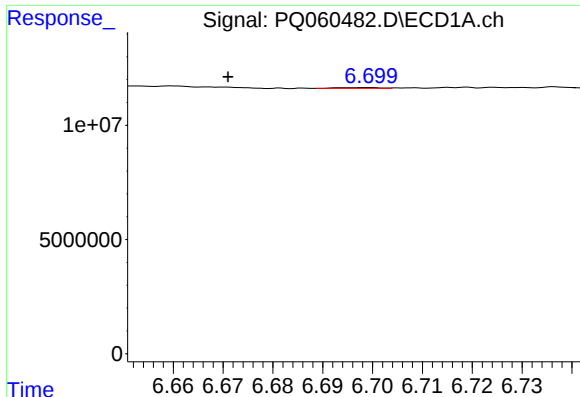
#32 AR-1260-2

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 3604233
Conc: 2.91 ng/ml



#32 AR-1260-2

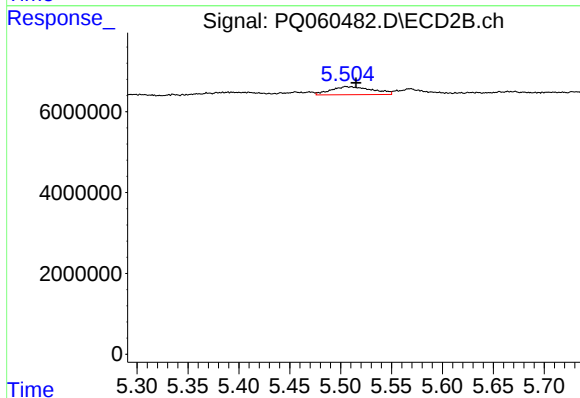
R.T.: 5.369 min
Delta R.T.: -0.005 min
Response: 707942
Conc: 0.95 ng/ml



#33 AR-1260-3

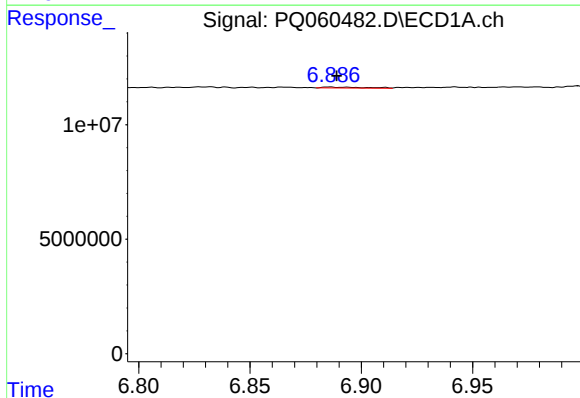
R.T.: 6.698 min
Delta R.T.: 0.027 min
Response: 214766
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



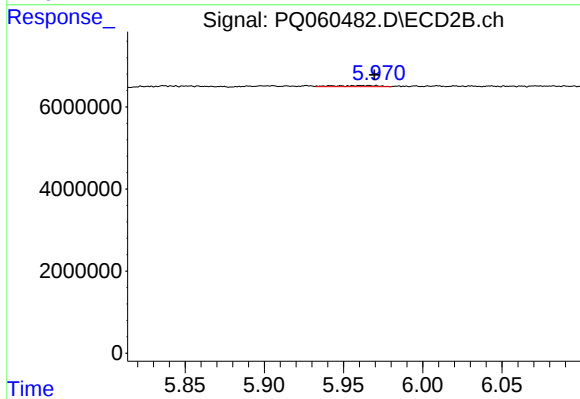
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.010 min
Response: 5603651
Conc: 7.71 ng/ml



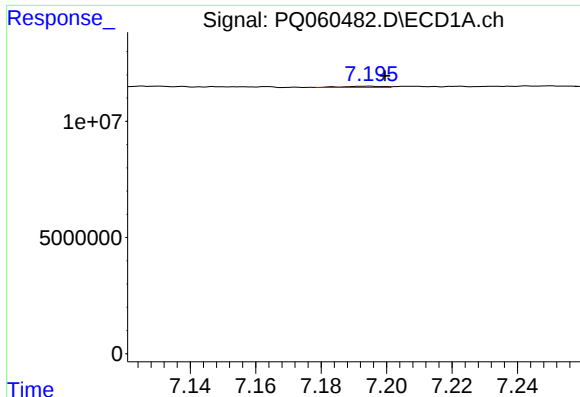
#34 AR-1260-4

R.T.: 6.886 min
Delta R.T.: -0.003 min
Response: 570390
Conc: 0.58 ng/ml



#34 AR-1260-4

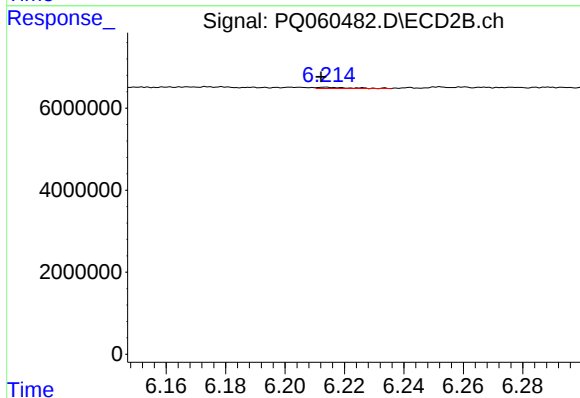
R.T.: 5.966 min
Delta R.T.: -0.004 min
Response: 505337
Conc: 0.86 ng/ml



#35 AR-1260-5

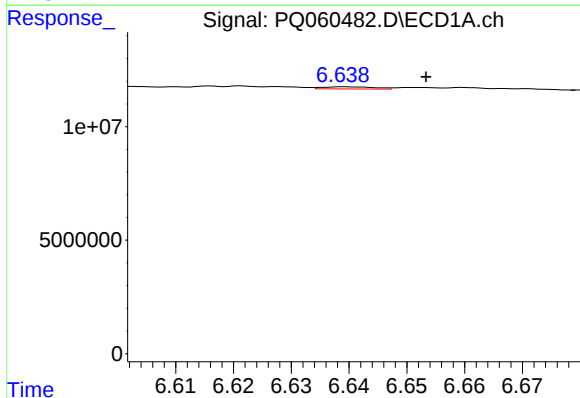
R.T.: 7.194 min
Delta R.T.: -0.005 min
Response: 430206
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



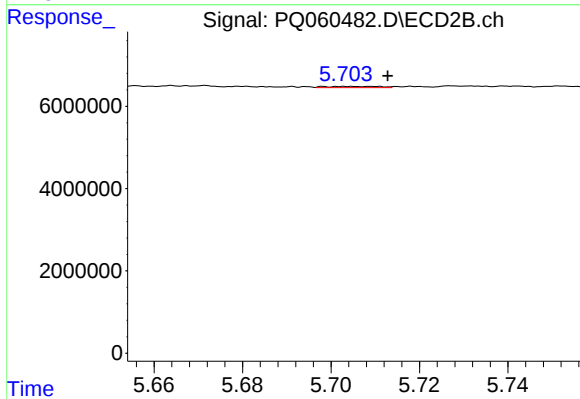
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: 0.002 min
Response: 222624
Conc: 0.16 ng/ml



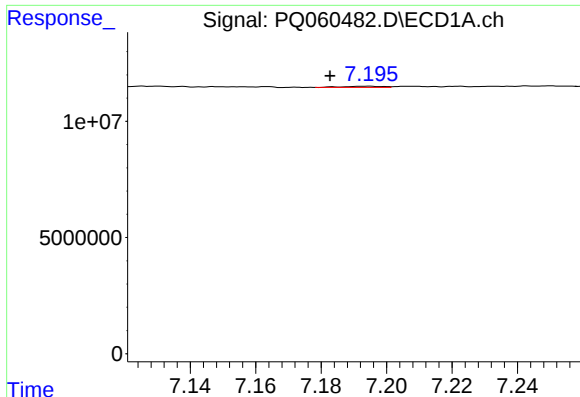
#36 AR-1262-1

R.T.: 6.640 min
Delta R.T.: -0.014 min
Response: 594864
Conc: 0.52 ng/ml



#36 AR-1262-1

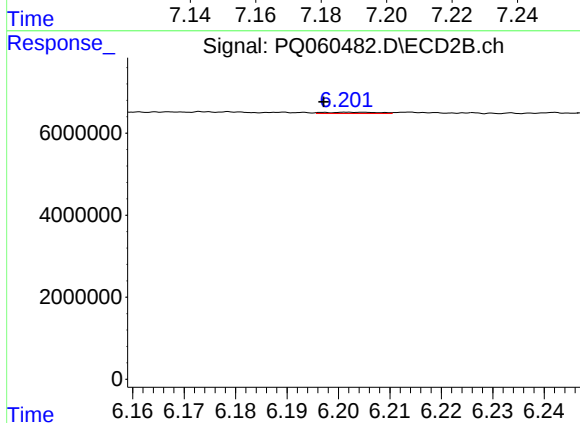
R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 272044
Conc: 0.35 ng/ml



#37 AR-1262-2

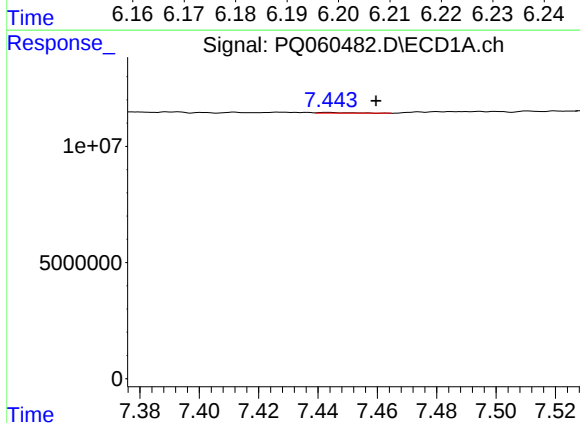
R.T.: 7.194 min
Delta R.T.: 0.011 min
Response: 430206
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



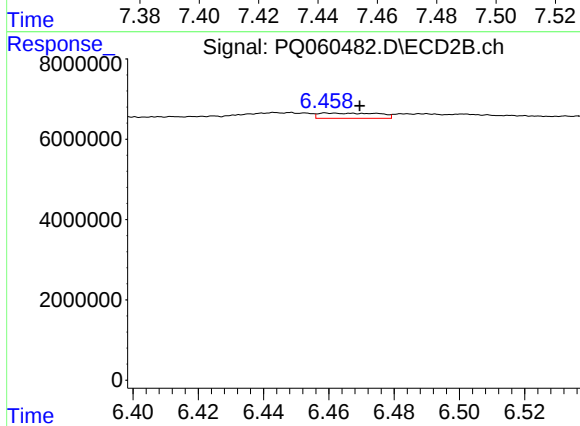
#37 AR-1262-2

R.T.: 6.203 min
Delta R.T.: 0.006 min
Response: 210055
Conc: 0.15 ng/ml



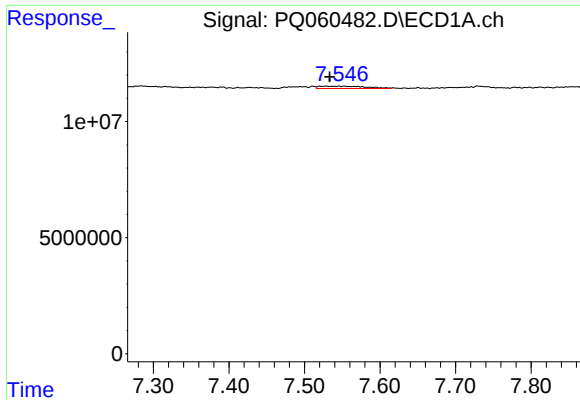
#38 AR-1262-3

R.T.: 7.443 min
Delta R.T.: -0.016 min
Response: 228262
Conc: 0.17 ng/ml



#38 AR-1262-3

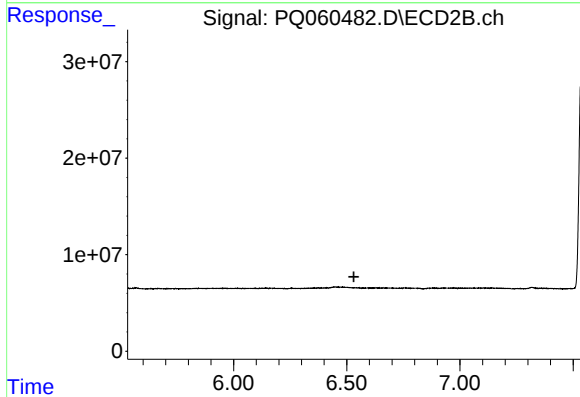
R.T.: 6.460 min
Delta R.T.: -0.009 min
Response: 1655134
Conc: 2.92 ng/ml



#39 AR-1262-4

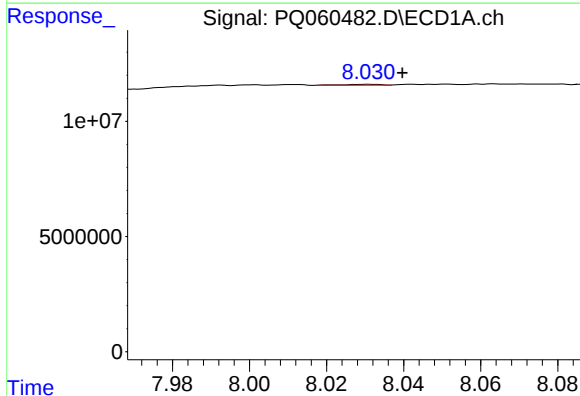
R.T.: 7.529 min
Delta R.T.: -0.005 min
Response: 4364127
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



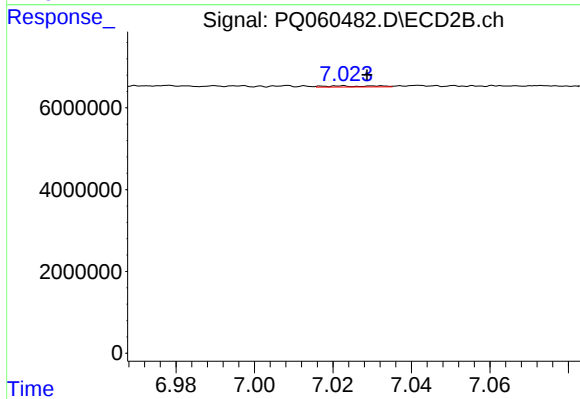
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



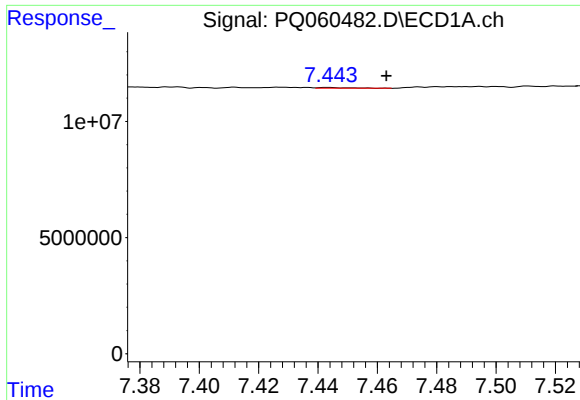
#40 AR-1262-5

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 291267
Conc: 0.45 ng/ml



#40 AR-1262-5

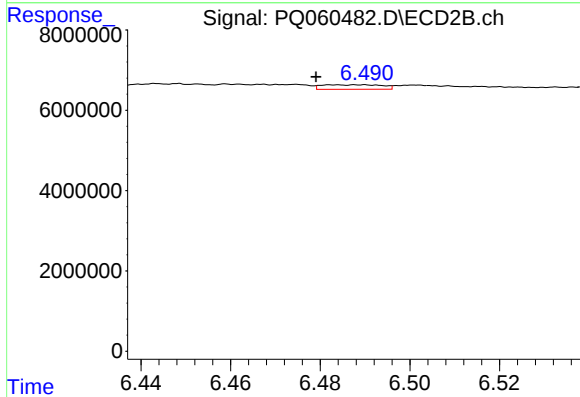
R.T.: 7.022 min
Delta R.T.: -0.007 min
Response: 238172
Conc: 0.46 ng/ml



#41 AR-1268-1

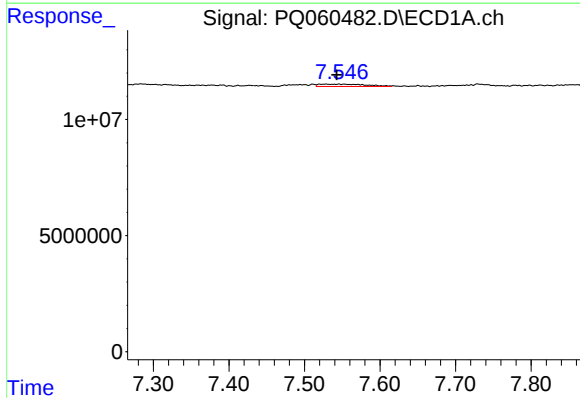
R.T.: 7.443 min
Delta R.T.: -0.020 min
Response: 228262
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



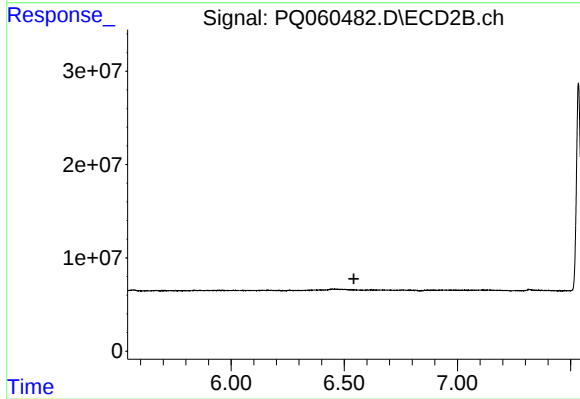
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.010 min
Response: 1031669
Conc: 0.61 ng/ml



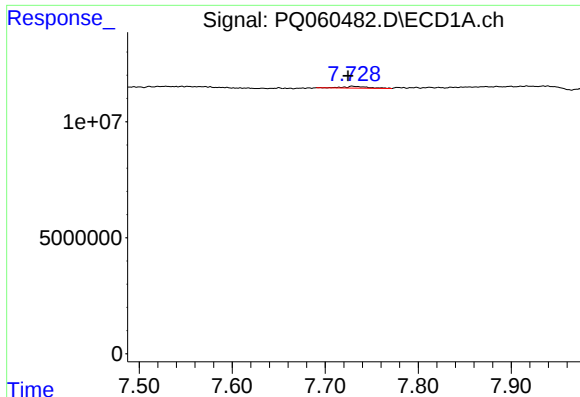
#42 AR-1268-2

R.T.: 7.529 min
Delta R.T.: -0.014 min
Response: 4364127
Conc: 2.06 ng/ml



#42 AR-1268-2

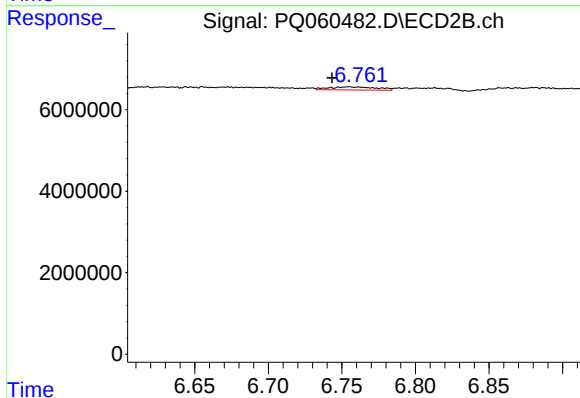
R.T.: 0.000 min
Exp R.T.: 6.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

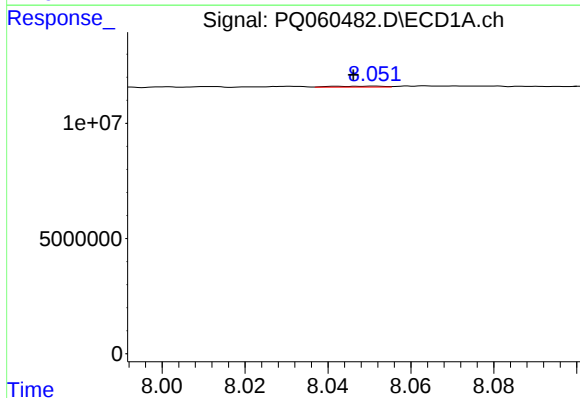
R.T.: 7.729 min
Delta R.T.: 0.004 min
Response: 1305705
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



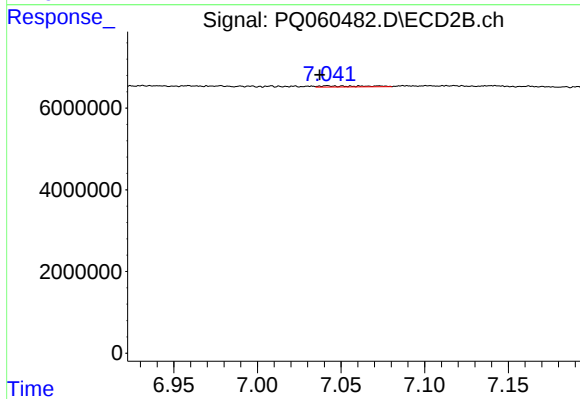
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: 0.011 min
Response: 1722533
Conc: 1.27 ng/ml



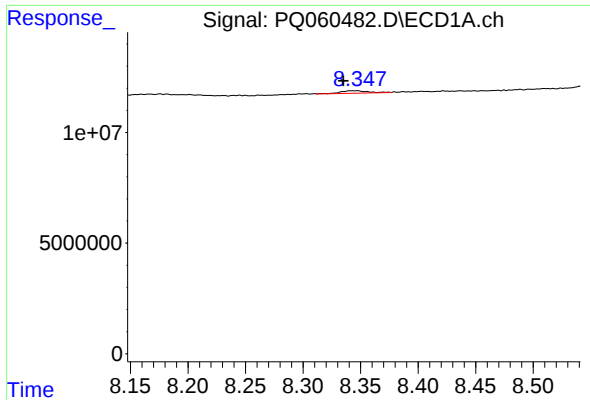
#44 AR-1268-4

R.T.: 8.051 min
Delta R.T.: 0.005 min
Response: 346847
Conc: 0.47 ng/ml



#44 AR-1268-4

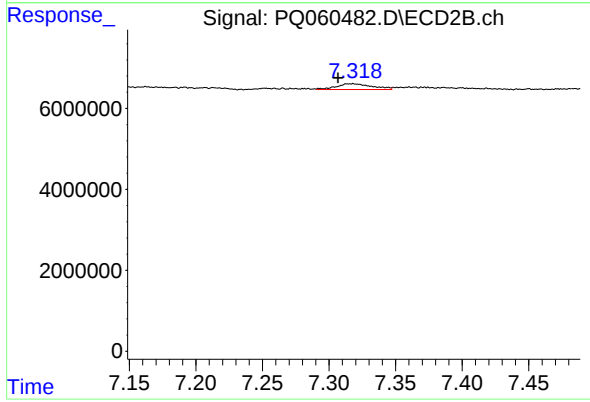
R.T.: 7.042 min
Delta R.T.: 0.004 min
Response: 470881
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: 0.012 min
Response: 1803557
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.011 min
Response: 2684795
Conc: 0.63 ng/ml