

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 08:09
 Operator : YP\AJ
 Sample : 01627-09
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:56:40 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...	3.435	2.796	491.3E6	276.0E6	21.350	24.535
2)	SA Decachlor...	8.567	7.527	311.3E6	276.1E6	22.958	25.727
Target Compounds							
3)	L1 AR-1016-1	4.534	3.792	6386977	119011	8.034	0.305 #
4)	L1 AR-1016-2	4.534	3.812	6386977	1161041	5.337	1.968 #
5)	L1 AR-1016-3	4.602	3.968	2830004	46343	3.819	0.147 #
6)	L1 AR-1016-4	4.681	4.006	947764	9436975	1.528	38.498 #
7)	L1 AR-1016-5	4.962	4.198	11419756	6325001	19.411	19.805
8)	L2 AR-1221-1	3.619f	2.991	3803197	201198	15.876	1.790 #
9)	L2 AR-1221-2	3.709	3.064	8397643	4123977	48.042	49.540
10)	L2 AR-1221-3	3.785	3.139	1073504	187059	2.052	0.724 #
11)	L3 AR-1232-1	3.785	3.139	1073504	187059	2.045	0.699 #
12)	L3 AR-1232-2	4.249f	3.812	2072705	1161041	7.761	4.323 #
13)	L3 AR-1232-3	4.534	3.968	6386977	46343	11.712	0.333 #
14)	L3 AR-1232-4	4.681	4.040	947764	3295121	3.508	27.764 #
15)	L3 AR-1232-5	4.774	4.198	18120054	6325001	97.071	46.415 #
16)	L4 AR-1242-1	4.534	3.792	6386977	119011	10.343	0.370 #
17)	L4 AR-1242-2	4.534	3.812	6386977	1161041	6.802	2.423 #
18)	L4 AR-1242-3	4.602	3.968	2830004	46343	4.899	0.179 #
19)	L4 AR-1242-4	4.681	4.040	947764	3295121	1.944	13.767 #
20)	L4 AR-1242-5	5.384	4.527	8730744	22781612	17.506	73.786 #
21)	L5 AR-1248-1	4.534	3.792	6386977	119011	13.395	0.486 #
22)	L5 AR-1248-2	4.774	4.006	18120054	9436975	29.134	27.404
23)	L5 AR-1248-3	4.962	4.040	11419756	3295121	15.068	9.452 #
24)	L5 AR-1248-4	5.346	4.198	14409021	6325001	17.253	14.945
25)	L5 AR-1248-5	5.384	4.565	8730744	3397314	10.439	7.981
26)	L6 AR-1254-1	5.320	4.527	30148559	22781612	36.042	35.183
27)	L6 AR-1254-2	5.531	4.670	45062680	19417983	35.220	35.250
28)	L6 AR-1254-3	5.883	5.045	45092078	25698145	33.192	29.970
29)	L6 AR-1254-4	6.167	5.267	35242806	16951814	35.534	30.277
30)	L6 AR-1254-5	6.581	5.665	35576891	27640380	33.890	34.103
31)	L7 AR-1260-1	6.048	5.172f	16436136	14817333	15.690	24.126 #
32)	L7 AR-1260-2	6.307	5.356f	19067799	11963945	15.376	16.045
33)	L7 AR-1260-3	0.000	5.493f	0	16772039	N.D.	23.076 #
34)	L7 AR-1260-4	6.861f	5.955	14144621	1453926	14.356	2.467 #
35)	L7 AR-1260-5	7.193	6.201	4440504	3405394	2.284	2.476
36)	L8 AR-1262-1	6.634f	5.726	4068087	2428618	3.539	3.106
37)	L8 AR-1262-2	7.193	6.201	4440504	3405394	2.214	2.400
38)	L8 AR-1262-3	7.474	6.466	4460210	1509401	3.408	2.659
39)	L8 AR-1262-4	7.529	6.538	1045483	4549135	1.023	4.258 #
40)	L8 AR-1262-5	8.037	7.024	310443	167505	0.477	0.323 #
41)	L9 AR-1268-1	7.474	6.482	4460210	1732665	1.953	1.023 #

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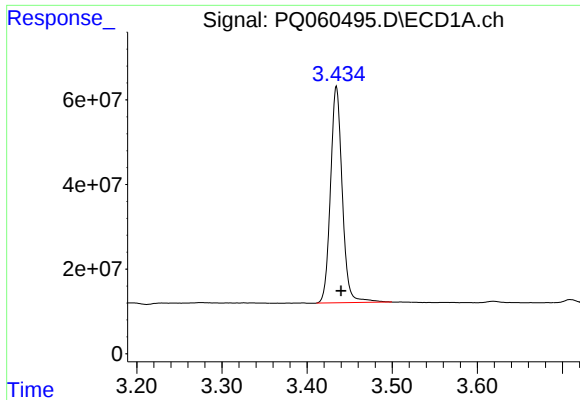
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:56:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
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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	7.545	6.538	2335660	4549135	1.100	2.923 #
43) L9	AR-1268-3	7.724	6.752	982878	1372317	0.565	1.008 #
44) L9	AR-1268-4	8.050	7.043	437760	760305	0.589	1.288 #
45) L9	AR-1268-5	8.340	7.309	1798373	2986789	0.349	0.700 #

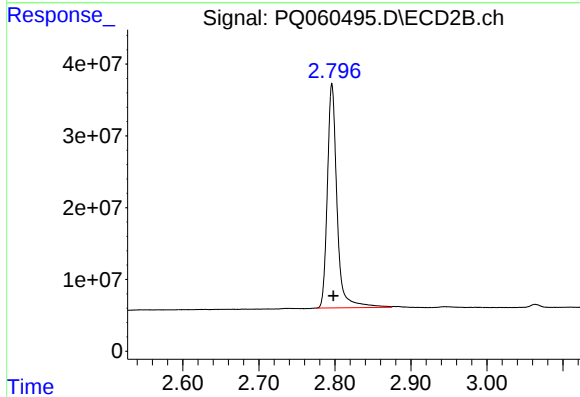
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

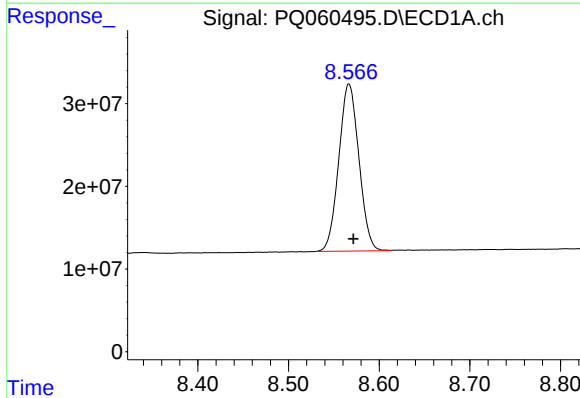
R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 491271671
Conc: 21.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



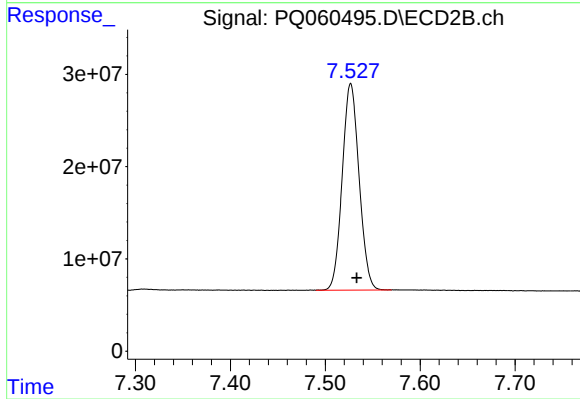
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 276013764
Conc: 24.53 ng/ml



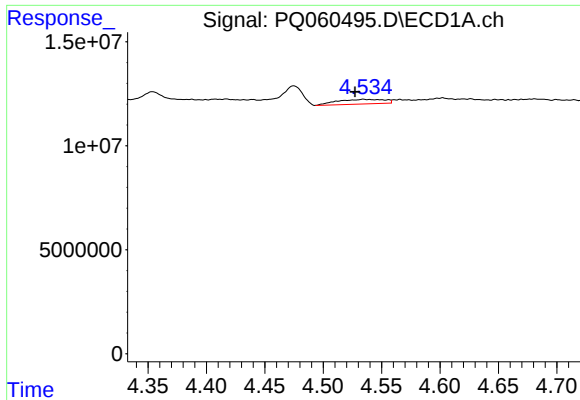
#2 Decachlorobiphenyl

R.T.: 8.567 min
Delta R.T.: -0.005 min
Response: 311288054
Conc: 22.96 ng/ml



#2 Decachlorobiphenyl

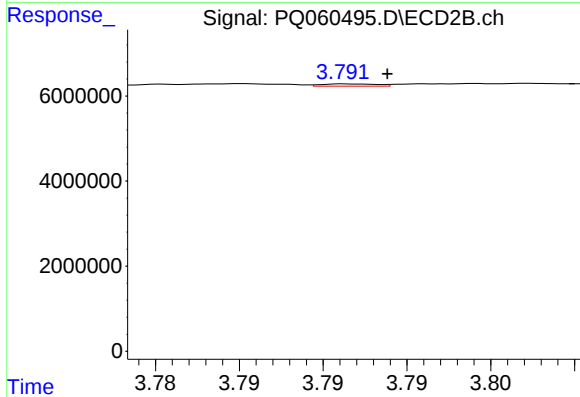
R.T.: 7.527 min
Delta R.T.: -0.006 min
Response: 276109628
Conc: 25.73 ng/ml



#3 AR-1016-1

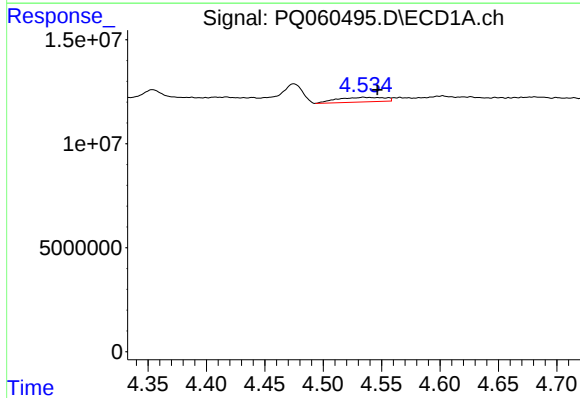
R.T.: 4.534 min
Delta R.T.: 0.007 min
Response: 6386977
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



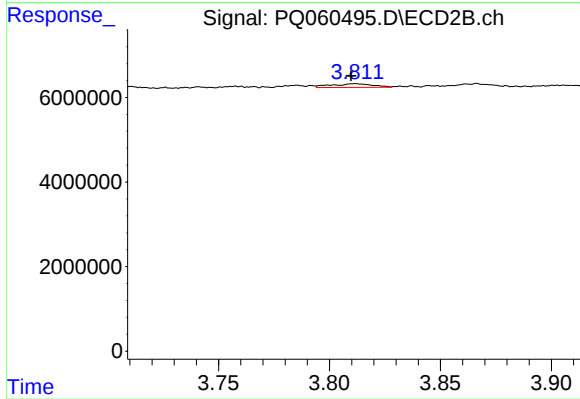
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 119011
Conc: 0.31 ng/ml



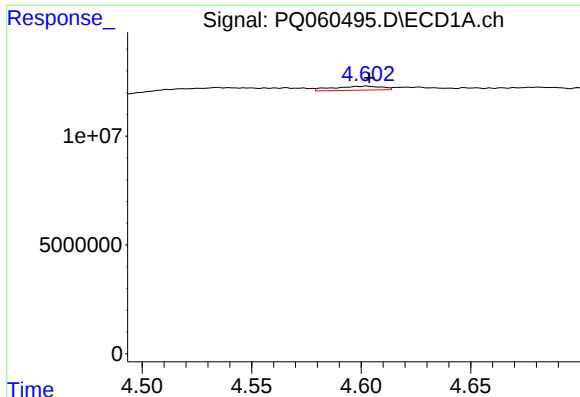
#4 AR-1016-2

R.T.: 4.534 min
Delta R.T.: -0.012 min
Response: 6386977
Conc: 5.34 ng/ml



#4 AR-1016-2

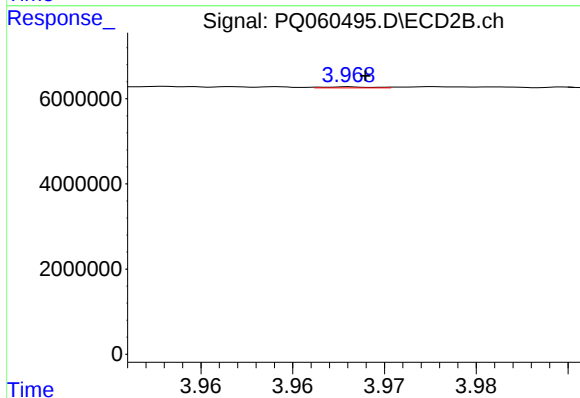
R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 1161041
Conc: 1.97 ng/ml



#5 AR-1016-3

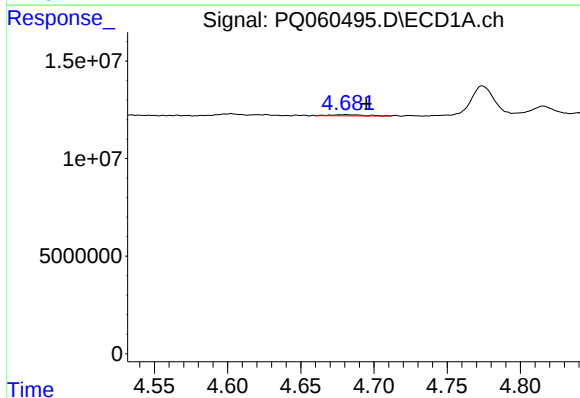
R.T.: 4.602 min
Delta R.T.: -0.001 min
Response: 2830004
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



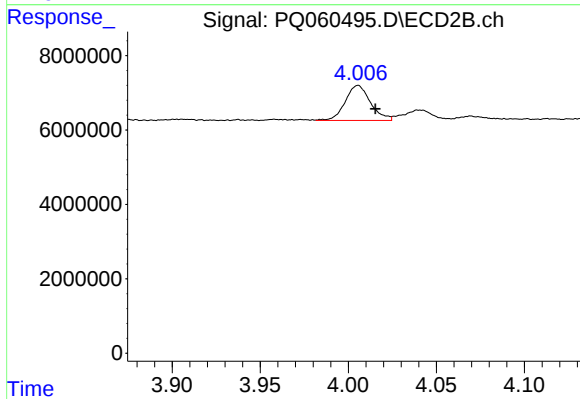
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 46343
Conc: 0.15 ng/ml



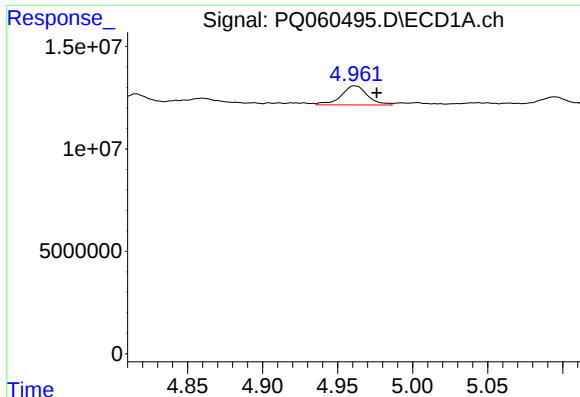
#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: -0.014 min
Response: 947764
Conc: 1.53 ng/ml



#6 AR-1016-4

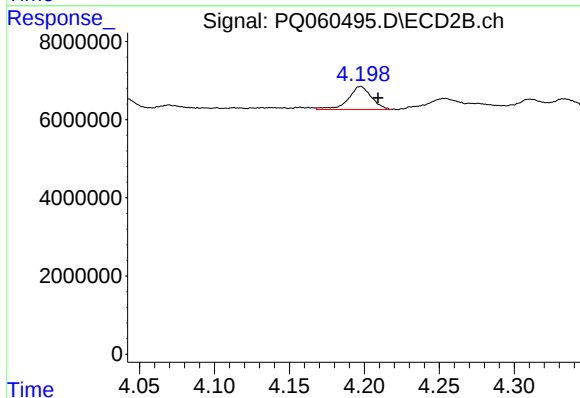
R.T.: 4.006 min
Delta R.T.: -0.010 min
Response: 9436975
Conc: 38.50 ng/ml



#7 AR-1016-5

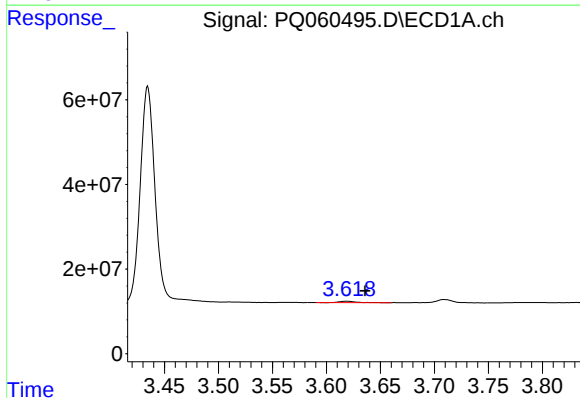
R.T.: 4.962 min
Delta R.T.: -0.014 min
Response: 11419756
Conc: 19.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



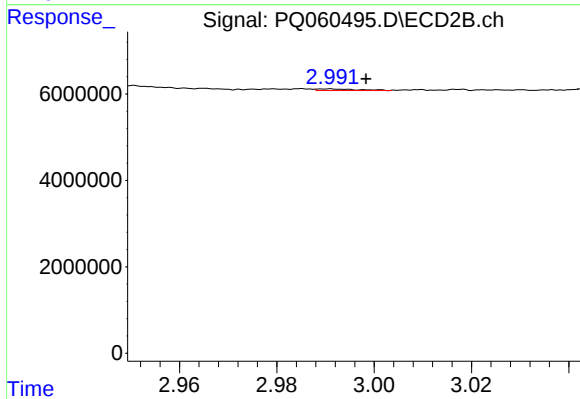
#7 AR-1016-5

R.T.: 4.198 min
Delta R.T.: -0.012 min
Response: 6325001
Conc: 19.80 ng/ml



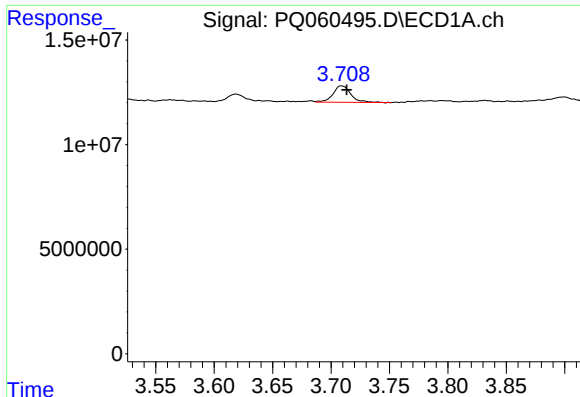
#8 AR-1221-1

R.T.: 3.619 min
Delta R.T.: -0.017 min
Response: 3803197
Conc: 15.88 ng/ml



#8 AR-1221-1

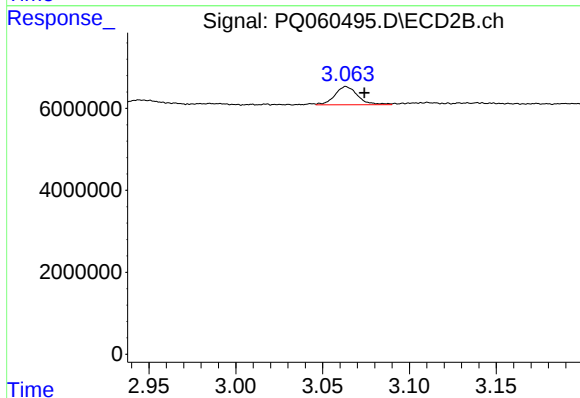
R.T.: 2.991 min
Delta R.T.: -0.007 min
Response: 201198
Conc: 1.79 ng/ml



#9 AR-1221-2

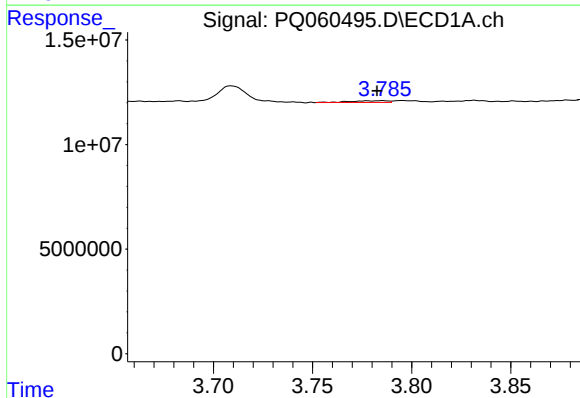
R.T.: 3.709 min
Delta R.T.: -0.005 min
Response: 8397643
Conc: 48.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



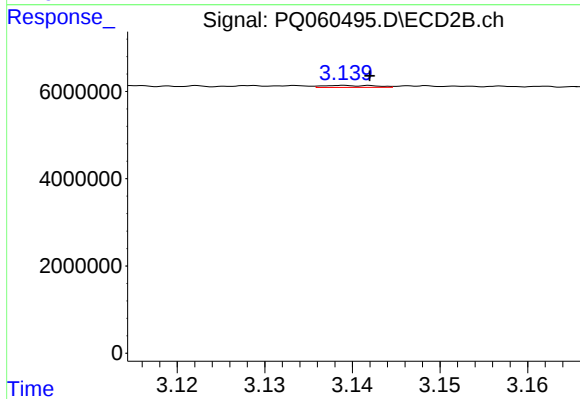
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.011 min
Response: 4123977
Conc: 49.54 ng/ml



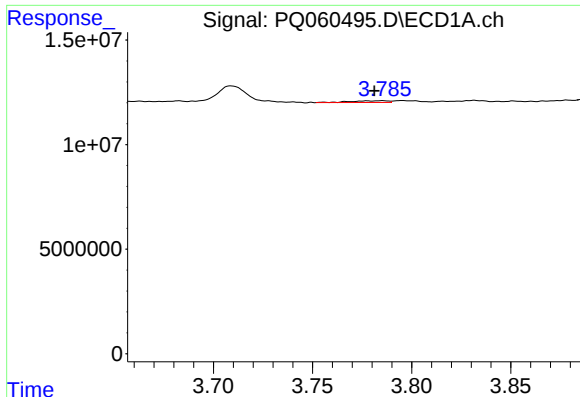
#10 AR-1221-3

R.T.: 3.785 min
Delta R.T.: 0.003 min
Response: 1073504
Conc: 2.05 ng/ml



#10 AR-1221-3

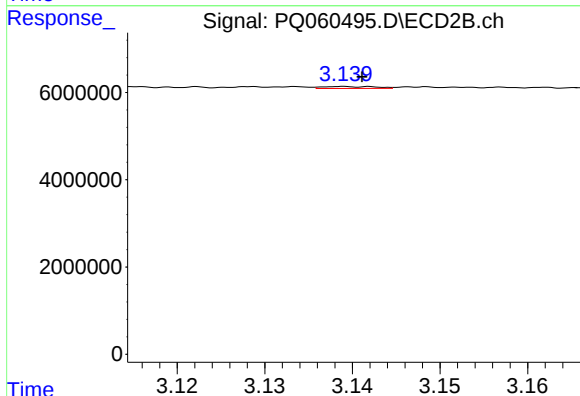
R.T.: 3.139 min
Delta R.T.: -0.003 min
Response: 187059
Conc: 0.72 ng/ml



#11 AR-1232-1

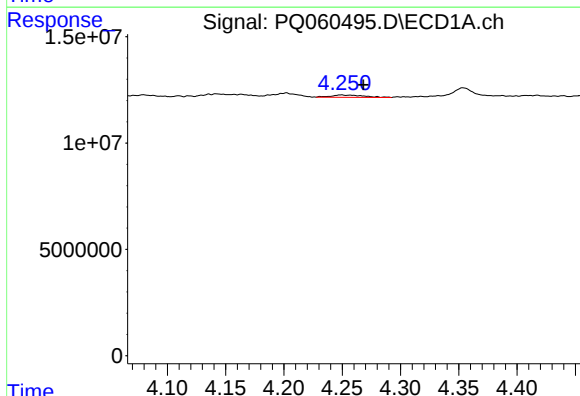
R.T.: 3.785 min
Delta R.T.: 0.004 min
Response: 1073504
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



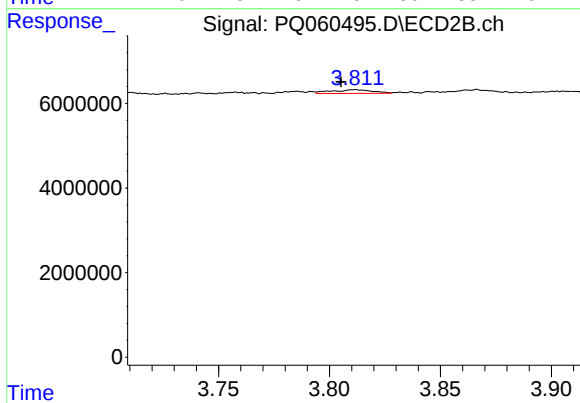
#11 AR-1232-1

R.T.: 3.139 min
Delta R.T.: -0.002 min
Response: 187059
Conc: 0.70 ng/ml



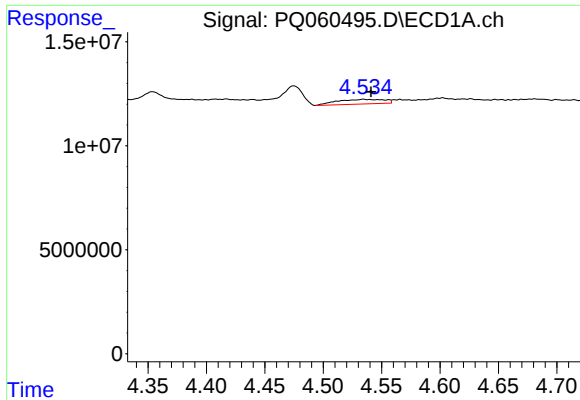
#12 AR-1232-2

R.T.: 4.249 min
Delta R.T.: -0.019 min
Response: 2072705
Conc: 7.76 ng/ml



#12 AR-1232-2

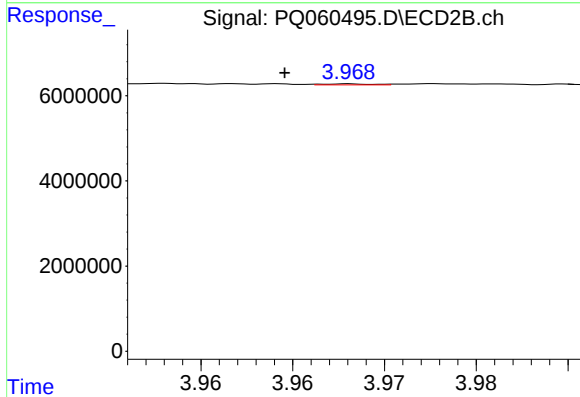
R.T.: 3.812 min
Delta R.T.: 0.007 min
Response: 1161041
Conc: 4.32 ng/ml



#13 AR-1232-3

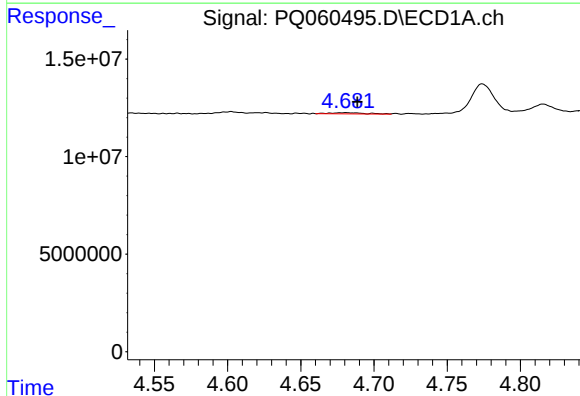
R.T.: 4.534 min
Delta R.T.: -0.007 min
Response: 6386977
Conc: 11.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



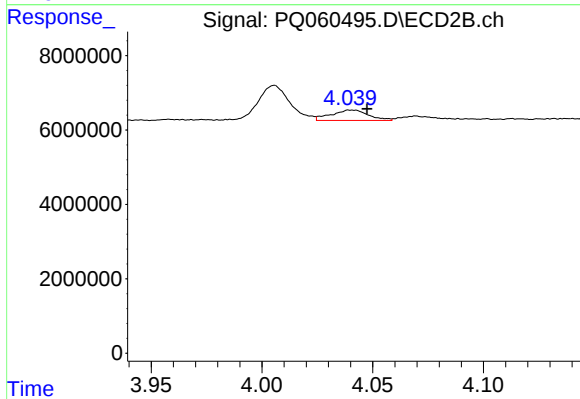
#13 AR-1232-3

R.T.: 3.968 min
Delta R.T.: 0.003 min
Response: 46343
Conc: 0.33 ng/ml



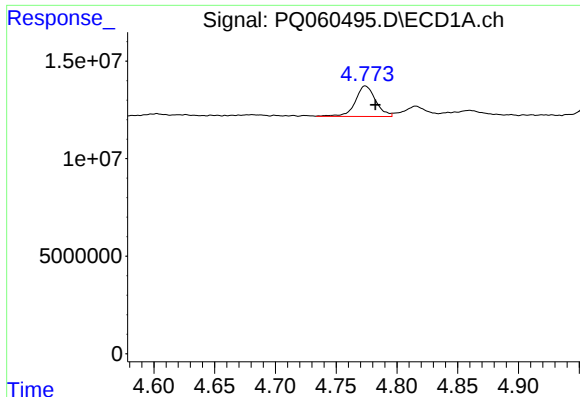
#14 AR-1232-4

R.T.: 4.681 min
Delta R.T.: -0.008 min
Response: 947764
Conc: 3.51 ng/ml



#14 AR-1232-4

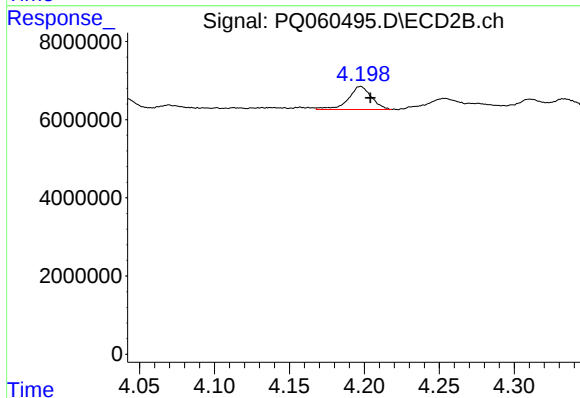
R.T.: 4.040 min
Delta R.T.: -0.008 min
Response: 3295121
Conc: 27.76 ng/ml



#15 AR-1232-5

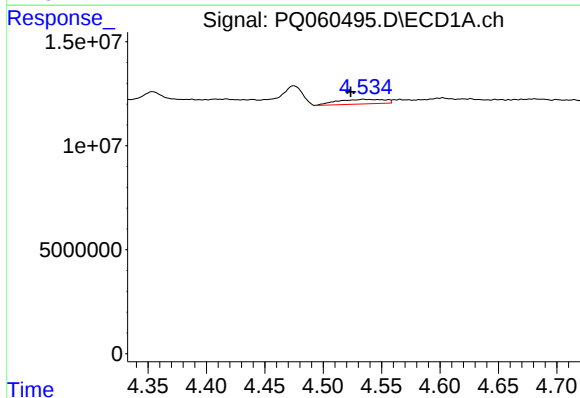
R.T.: 4.774 min
Delta R.T.: -0.008 min
Response: 18120054
Conc: 97.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



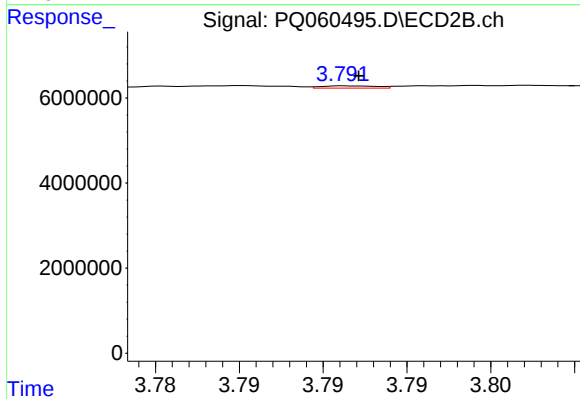
#15 AR-1232-5

R.T.: 4.198 min
Delta R.T.: -0.006 min
Response: 6325001
Conc: 46.41 ng/ml



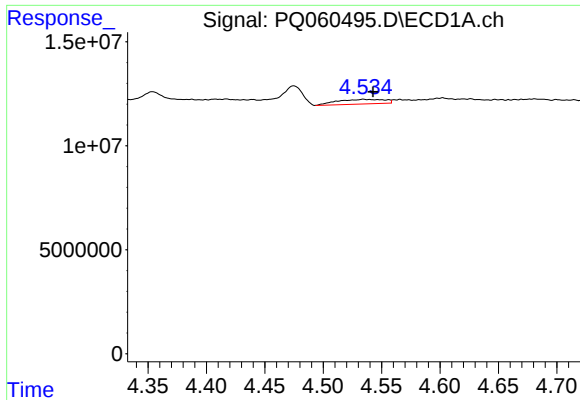
#16 AR-1242-1

R.T.: 4.534 min
Delta R.T.: 0.011 min
Response: 6386977
Conc: 10.34 ng/ml



#16 AR-1242-1

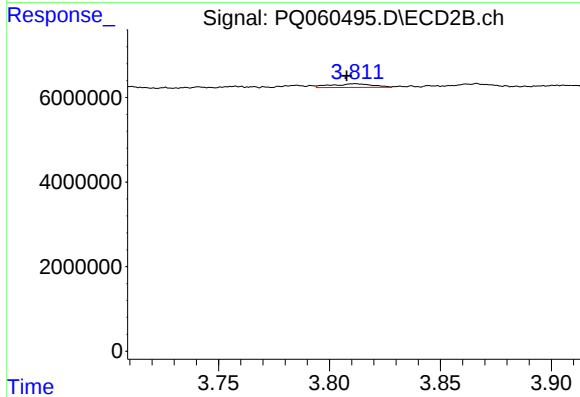
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 119011
Conc: 0.37 ng/ml



#17 AR-1242-2

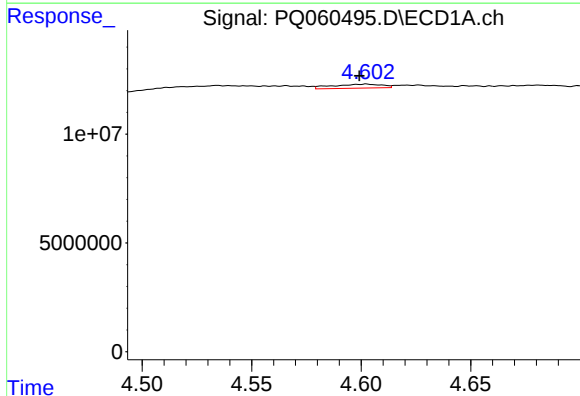
R.T.: 4.534 min
Delta R.T.: -0.008 min
Response: 6386977
Conc: 6.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



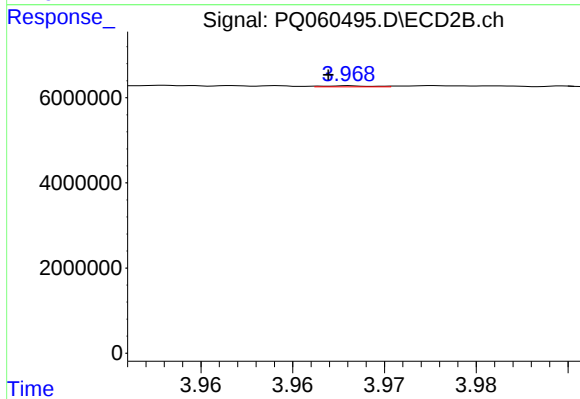
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: 0.004 min
Response: 1161041
Conc: 2.42 ng/ml



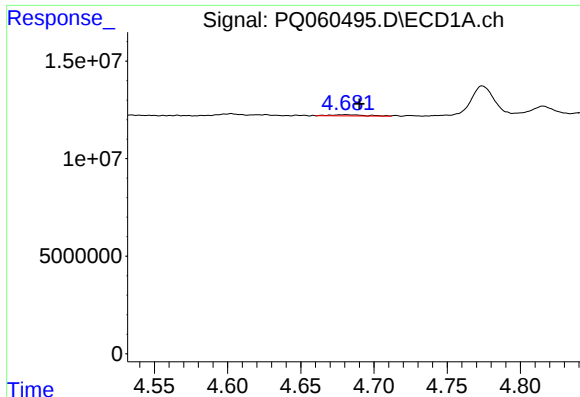
#18 AR-1242-3

R.T.: 4.602 min
Delta R.T.: 0.003 min
Response: 2830004
Conc: 4.90 ng/ml



#18 AR-1242-3

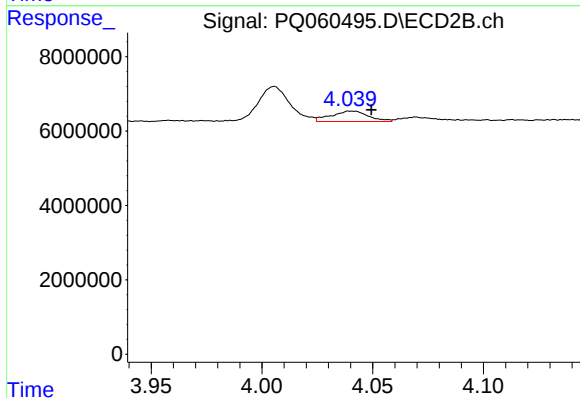
R.T.: 3.968 min
Delta R.T.: 0.001 min
Response: 46343
Conc: 0.18 ng/ml



#19 AR-1242-4

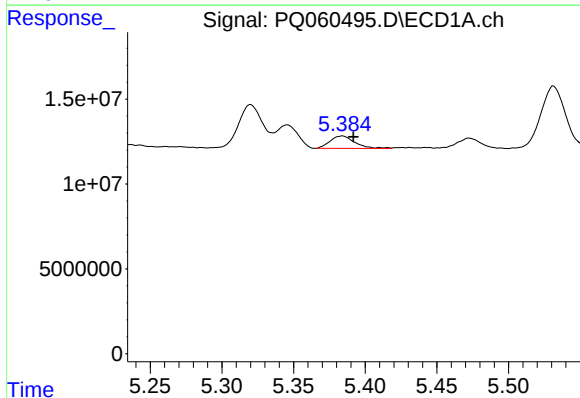
R.T.: 4.681 min
Delta R.T.: -0.009 min
Response: 947764
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



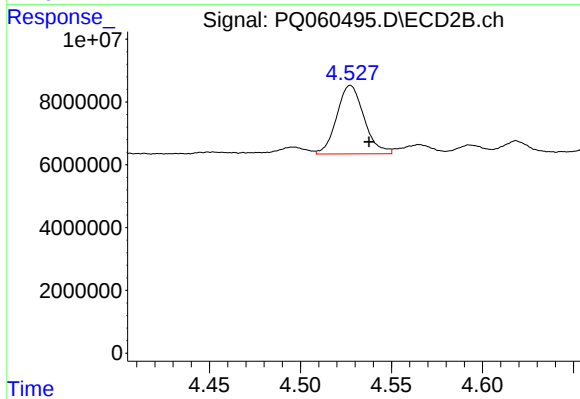
#19 AR-1242-4

R.T.: 4.040 min
Delta R.T.: -0.010 min
Response: 3295121
Conc: 13.77 ng/ml



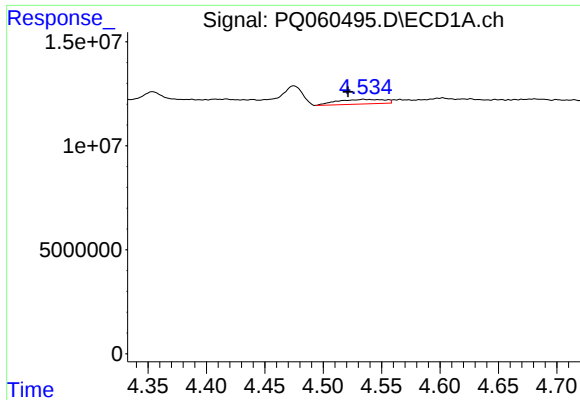
#20 AR-1242-5

R.T.: 5.384 min
Delta R.T.: -0.008 min
Response: 8730744
Conc: 17.51 ng/ml



#20 AR-1242-5

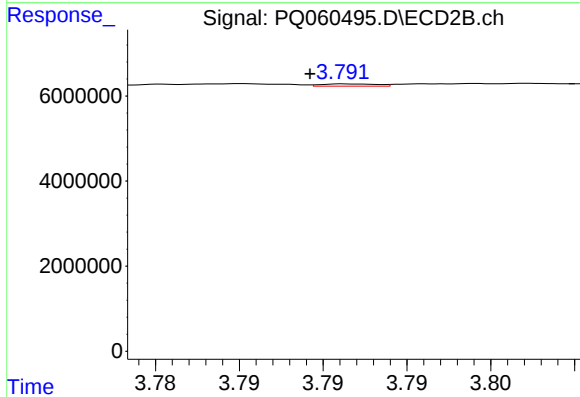
R.T.: 4.527 min
Delta R.T.: -0.010 min
Response: 22781612
Conc: 73.79 ng/ml



#21 AR-1248-1

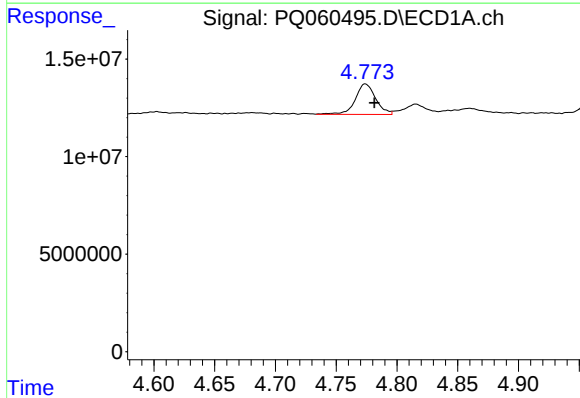
R.T.: 4.534 min
Delta R.T.: 0.013 min
Response: 6386977
Conc: 13.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



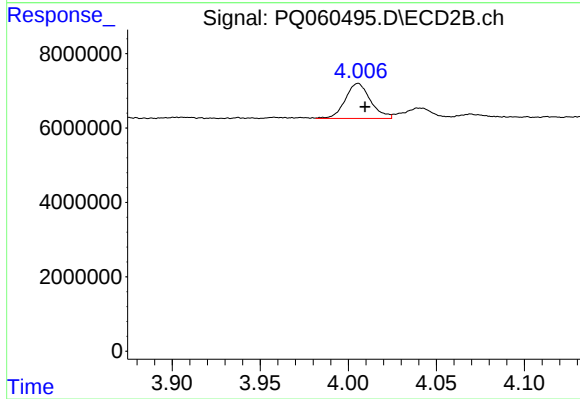
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: 0.003 min
Response: 119011
Conc: 0.49 ng/ml



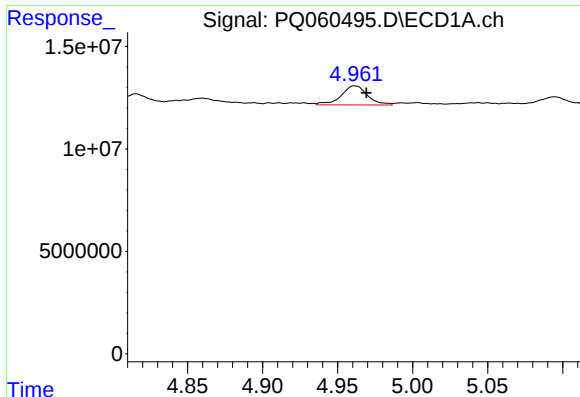
#22 AR-1248-2

R.T.: 4.774 min
Delta R.T.: -0.007 min
Response: 18120054
Conc: 29.13 ng/ml



#22 AR-1248-2

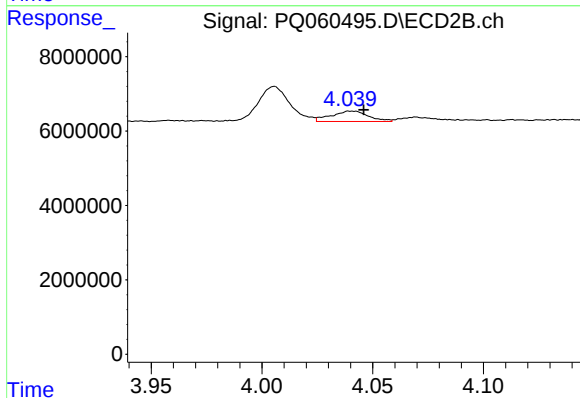
R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 9436975
Conc: 27.40 ng/ml



#23 AR-1248-3

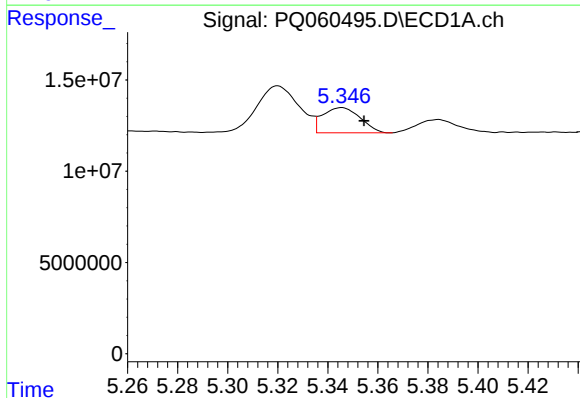
R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 11419756
Conc: 15.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



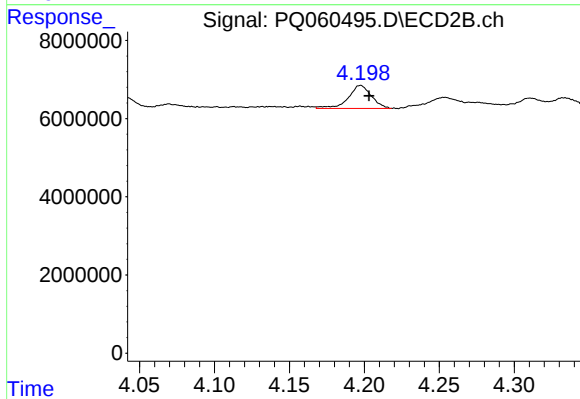
#23 AR-1248-3

R.T.: 4.040 min
Delta R.T.: -0.006 min
Response: 3295121
Conc: 9.45 ng/ml



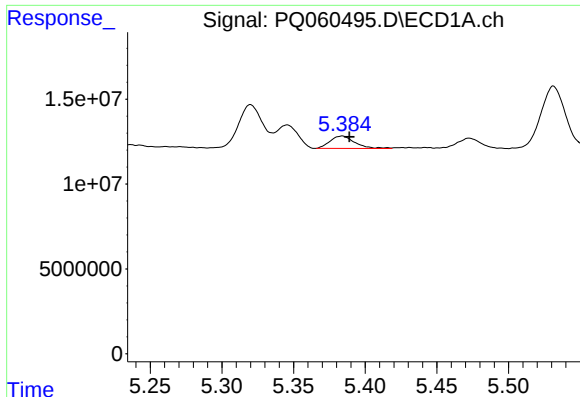
#24 AR-1248-4

R.T.: 5.346 min
Delta R.T.: -0.009 min
Response: 14409021
Conc: 17.25 ng/ml



#24 AR-1248-4

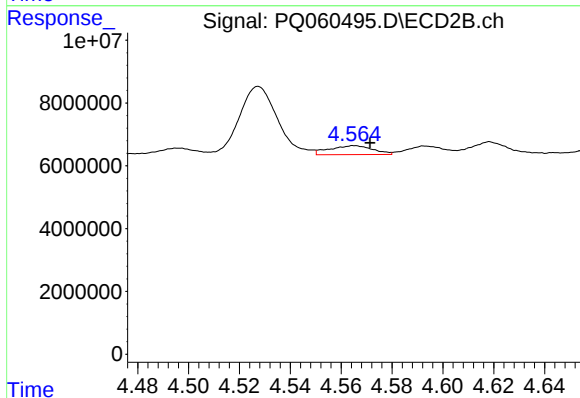
R.T.: 4.198 min
Delta R.T.: -0.005 min
Response: 6325001
Conc: 14.94 ng/ml



#25 AR-1248-5

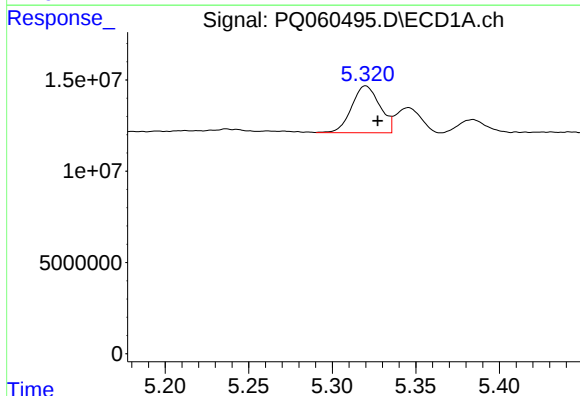
R.T.: 5.384 min
Delta R.T.: -0.005 min
Response: 8730744
Conc: 10.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



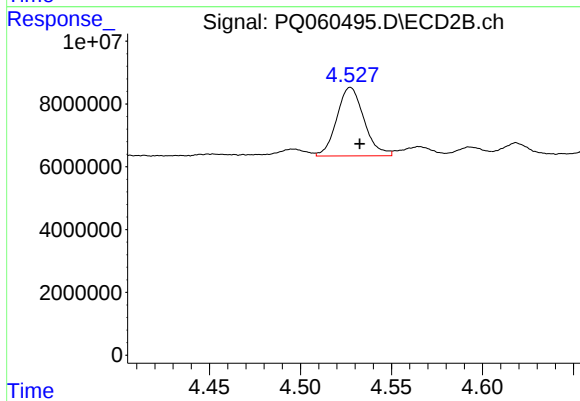
#25 AR-1248-5

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 3397314
Conc: 7.98 ng/ml



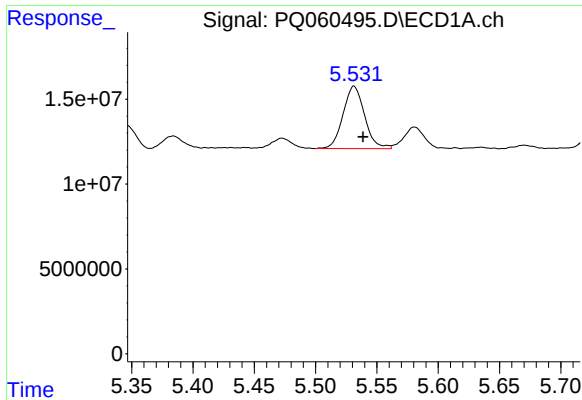
#26 AR-1254-1

R.T.: 5.320 min
Delta R.T.: -0.007 min
Response: 30148559
Conc: 36.04 ng/ml



#26 AR-1254-1

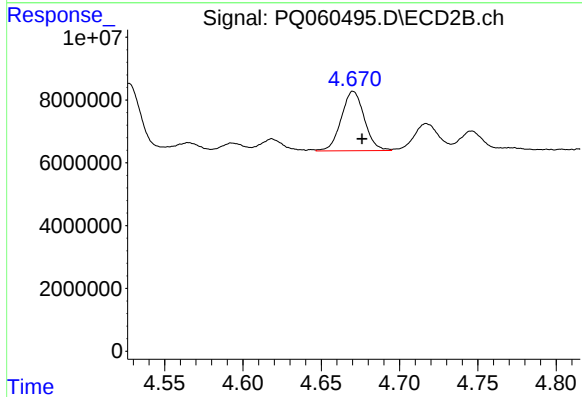
R.T.: 4.527 min
Delta R.T.: -0.005 min
Response: 22781612
Conc: 35.18 ng/ml



#27 AR-1254-2

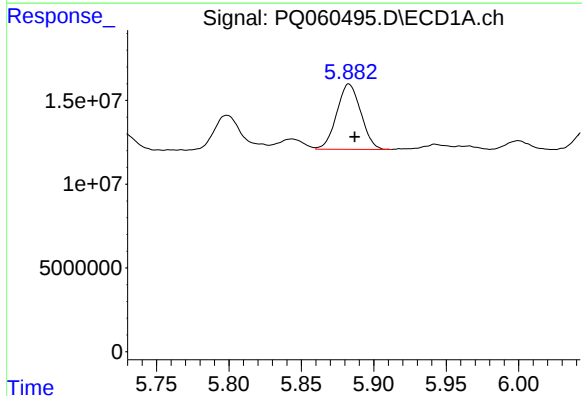
R.T.: 5.531 min
Delta R.T.: -0.007 min
Response: 45062680
Conc: 35.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



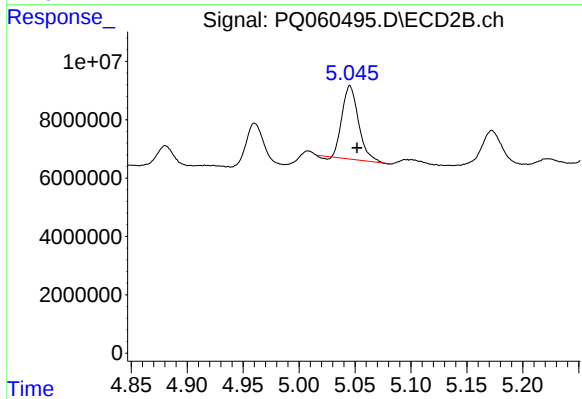
#27 AR-1254-2

R.T.: 4.670 min
Delta R.T.: -0.006 min
Response: 19417983
Conc: 35.25 ng/ml



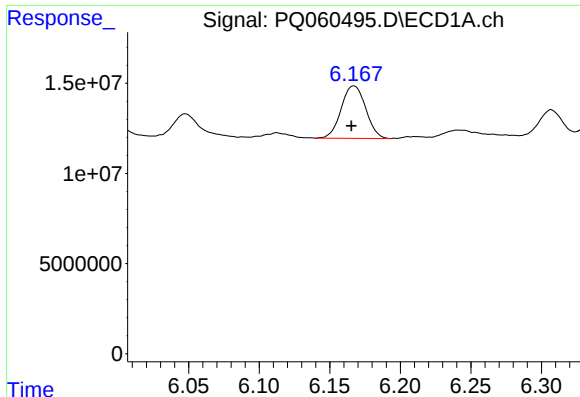
#28 AR-1254-3

R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 45092078
Conc: 33.19 ng/ml



#28 AR-1254-3

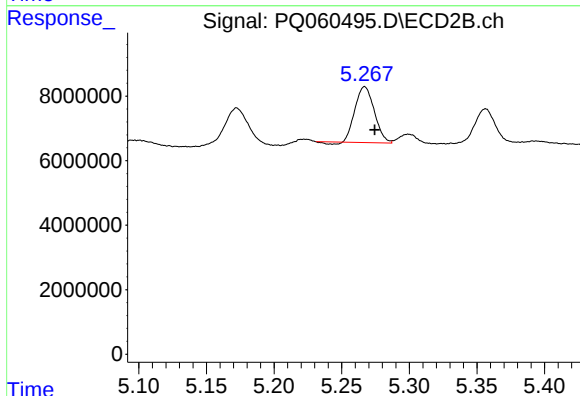
R.T.: 5.045 min
Delta R.T.: -0.006 min
Response: 25698145
Conc: 29.97 ng/ml



#29 AR-1254-4

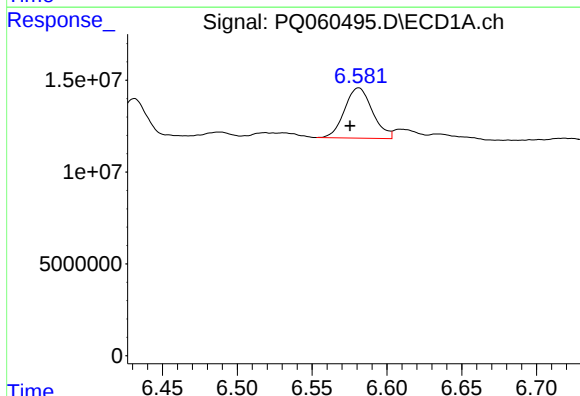
R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 35242806
Conc: 35.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



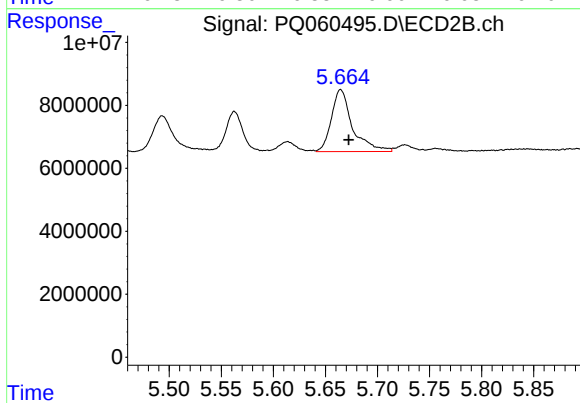
#29 AR-1254-4

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 16951814
Conc: 30.28 ng/ml



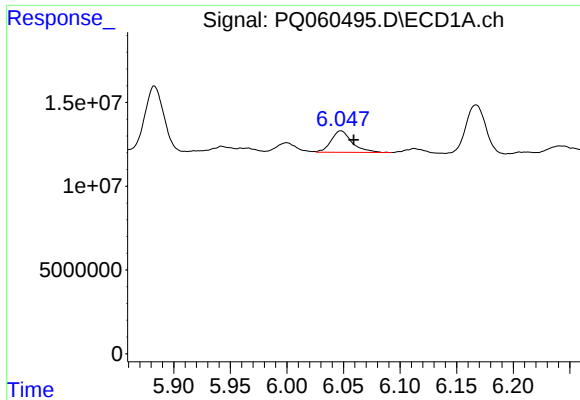
#30 AR-1254-5

R.T.: 6.581 min
Delta R.T.: 0.006 min
Response: 35576891
Conc: 33.89 ng/ml



#30 AR-1254-5

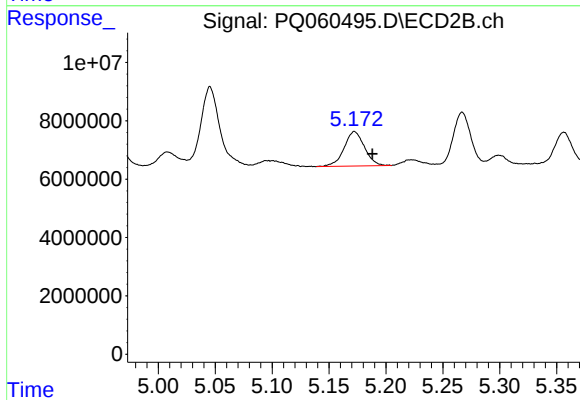
R.T.: 5.665 min
Delta R.T.: -0.008 min
Response: 27640380
Conc: 34.10 ng/ml



#31 AR-1260-1

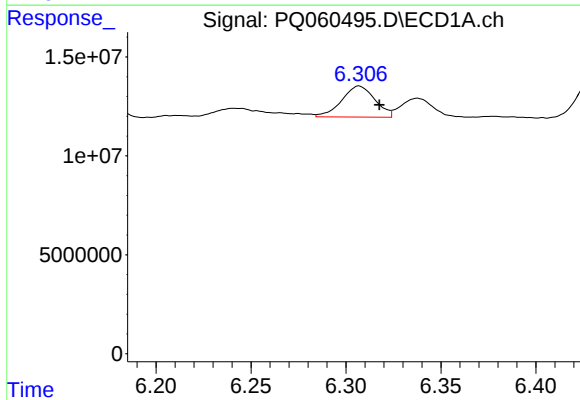
R.T.: 6.048 min
Delta R.T.: -0.011 min
Response: 16436136
Conc: 15.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



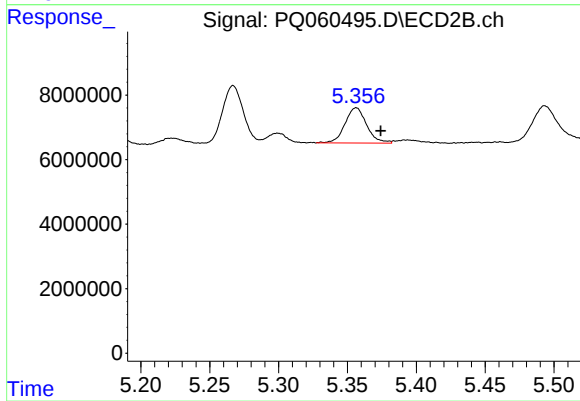
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.016 min
Response: 14817333
Conc: 24.13 ng/ml



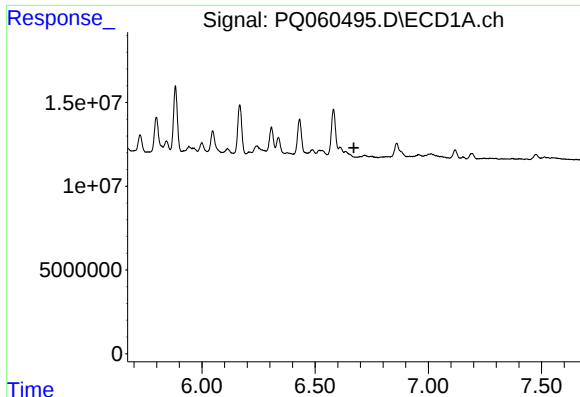
#32 AR-1260-2

R.T.: 6.307 min
Delta R.T.: -0.011 min
Response: 19067799
Conc: 15.38 ng/ml



#32 AR-1260-2

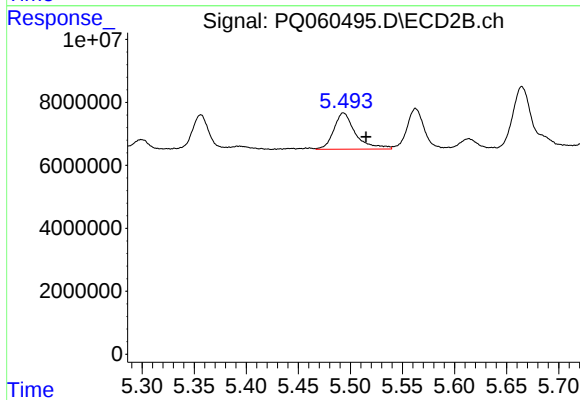
R.T.: 5.356 min
Delta R.T.: -0.018 min
Response: 11963945
Conc: 16.04 ng/ml



#33 AR-1260-3

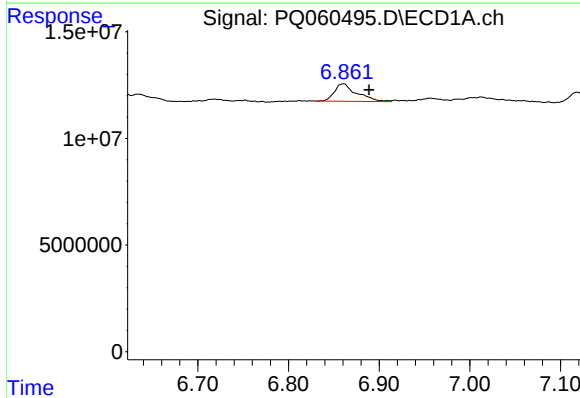
R.T.: 0.000 min
Exp R.T.: 6.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



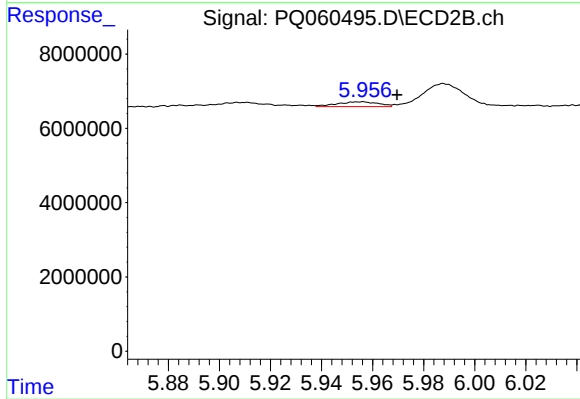
#33 AR-1260-3

R.T.: 5.493 min
Delta R.T.: -0.022 min
Response: 16772039
Conc: 23.08 ng/ml



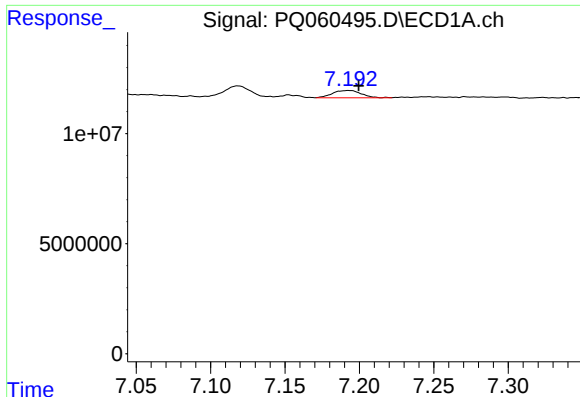
#34 AR-1260-4

R.T.: 6.861 min
Delta R.T.: -0.028 min
Response: 14144621
Conc: 14.36 ng/ml



#34 AR-1260-4

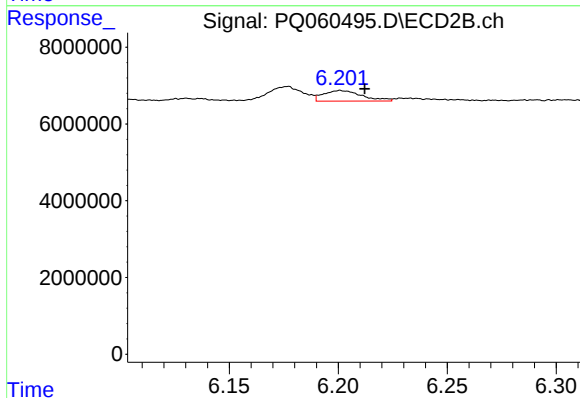
R.T.: 5.955 min
Delta R.T.: -0.014 min
Response: 1453926
Conc: 2.47 ng/ml



#35 AR-1260-5

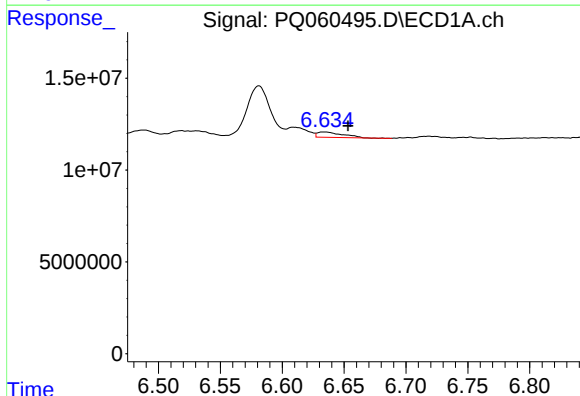
R.T.: 7.193 min
Delta R.T.: -0.006 min
Response: 4440504
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



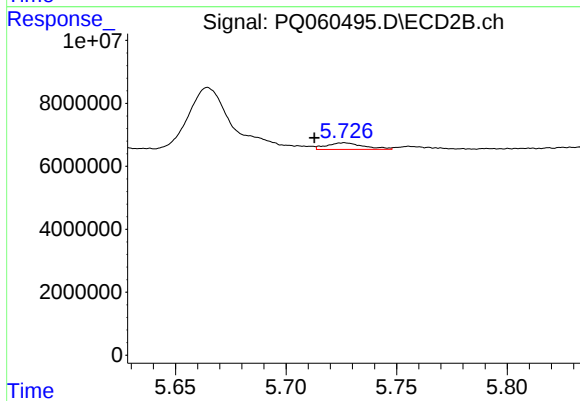
#35 AR-1260-5

R.T.: 6.201 min
Delta R.T.: -0.011 min
Response: 3405394
Conc: 2.48 ng/ml



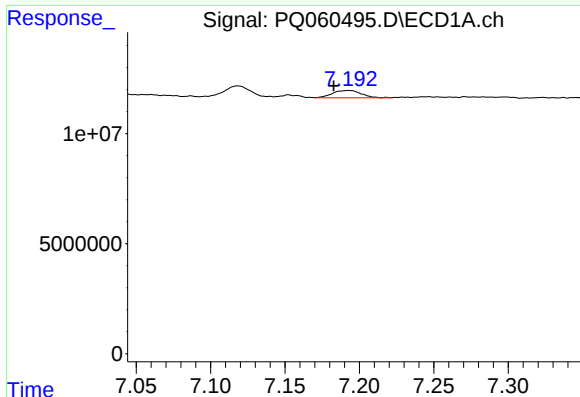
#36 AR-1262-1

R.T.: 6.634 min
Delta R.T.: -0.019 min
Response: 4068087
Conc: 3.54 ng/ml



#36 AR-1262-1

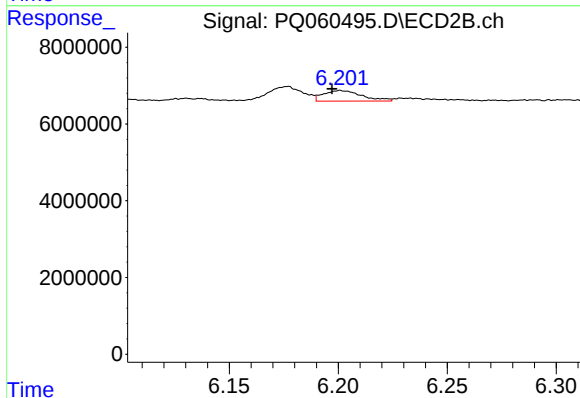
R.T.: 5.726 min
Delta R.T.: 0.014 min
Response: 2428618
Conc: 3.11 ng/ml



#37 AR-1262-2

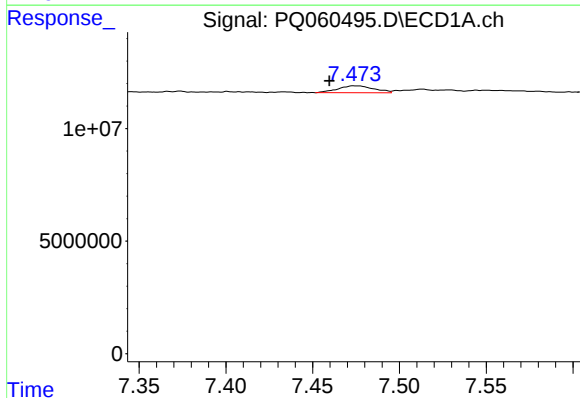
R.T.: 7.193 min
Delta R.T.: 0.010 min
Response: 4440504
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



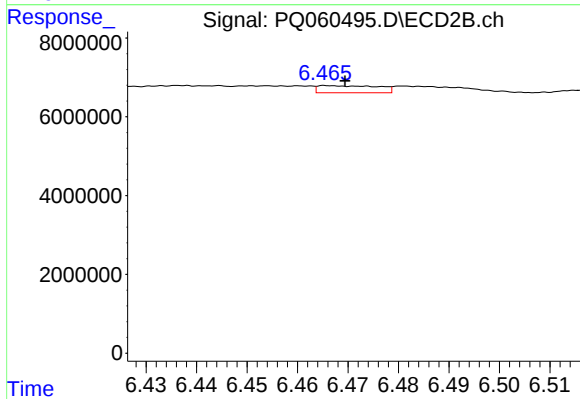
#37 AR-1262-2

R.T.: 6.201 min
Delta R.T.: 0.004 min
Response: 3405394
Conc: 2.40 ng/ml



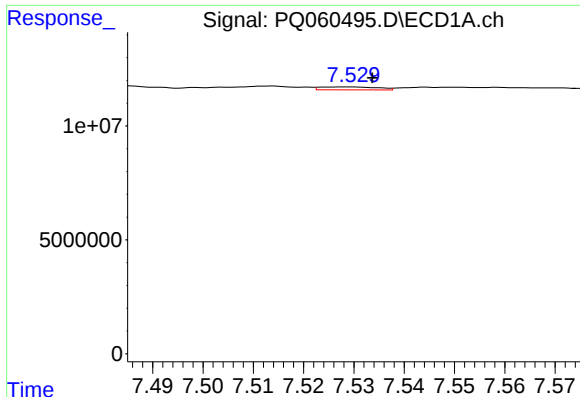
#38 AR-1262-3

R.T.: 7.474 min
Delta R.T.: 0.015 min
Response: 4460210
Conc: 3.41 ng/ml



#38 AR-1262-3

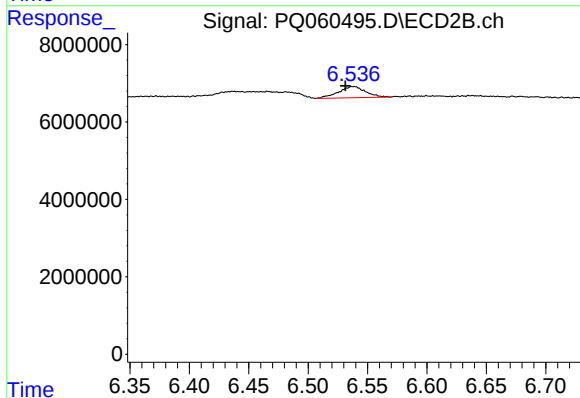
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 1509401
Conc: 2.66 ng/ml



#39 AR-1262-4

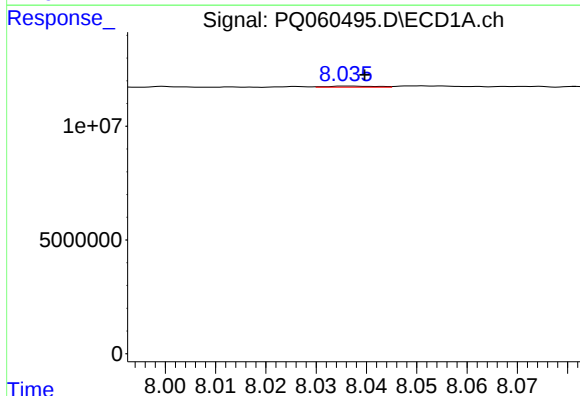
R.T.: 7.529 min
Delta R.T.: -0.005 min
Response: 1045483
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



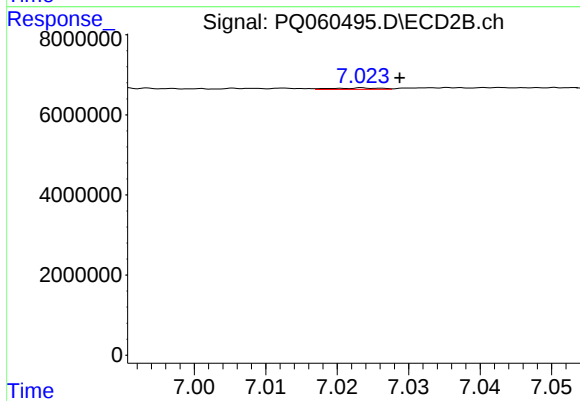
#39 AR-1262-4

R.T.: 6.538 min
Delta R.T.: 0.007 min
Response: 4549135
Conc: 4.26 ng/ml



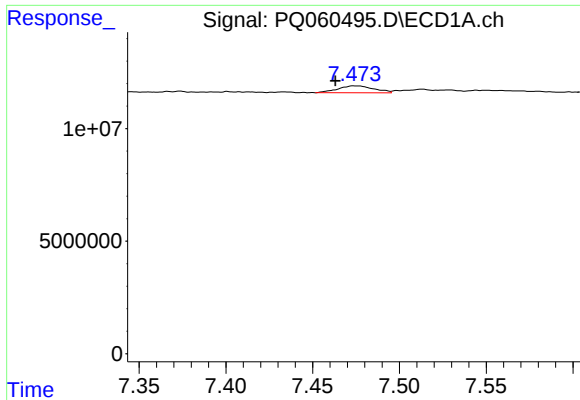
#40 AR-1262-5

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 310443
Conc: 0.48 ng/ml



#40 AR-1262-5

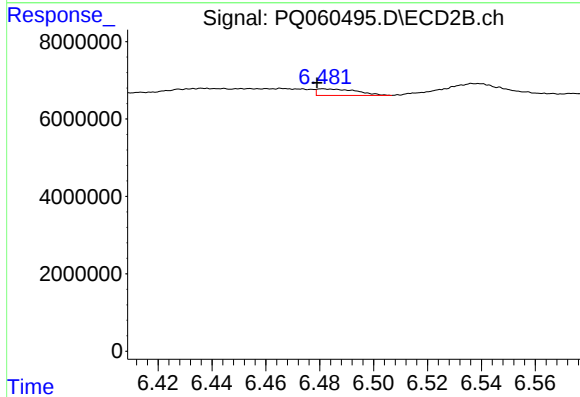
R.T.: 7.024 min
Delta R.T.: -0.005 min
Response: 167505
Conc: 0.32 ng/ml



#41 AR-1268-1

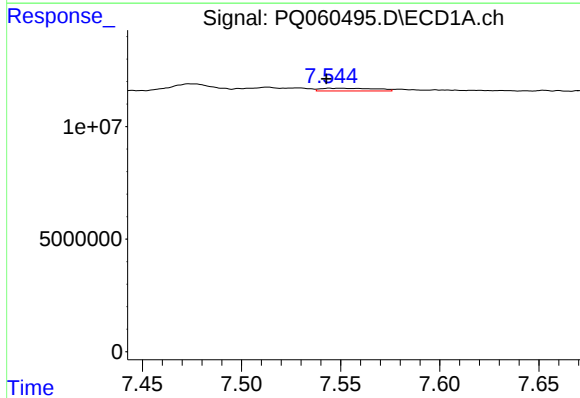
R.T.: 7.474 min
Delta R.T.: 0.011 min
Response: 4460210
Conc: 1.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



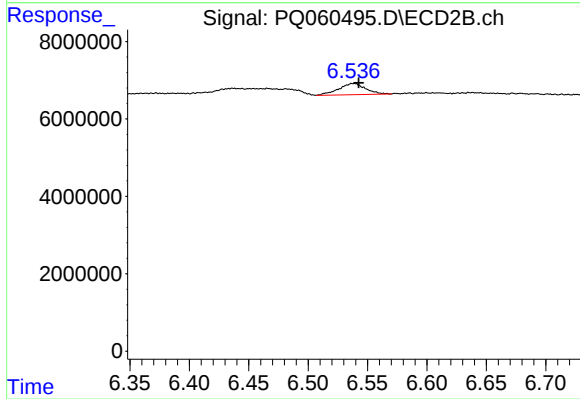
#41 AR-1268-1

R.T.: 6.482 min
Delta R.T.: 0.002 min
Response: 1732665
Conc: 1.02 ng/ml



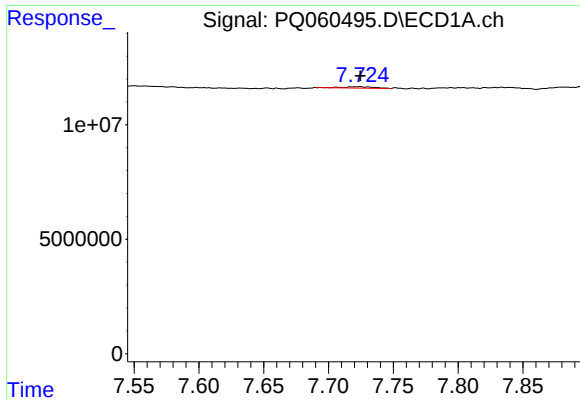
#42 AR-1268-2

R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 2335660
Conc: 1.10 ng/ml



#42 AR-1268-2

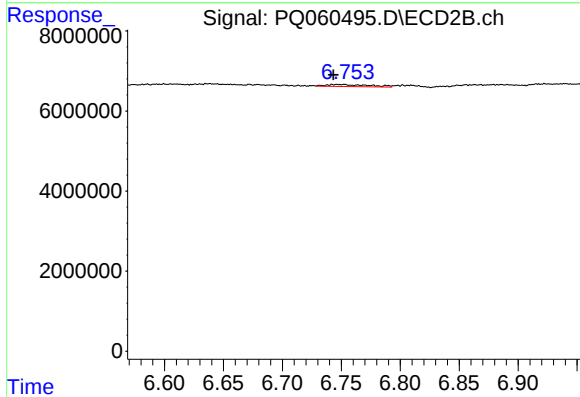
R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 4549135
Conc: 2.92 ng/ml



#43 AR-1268-3

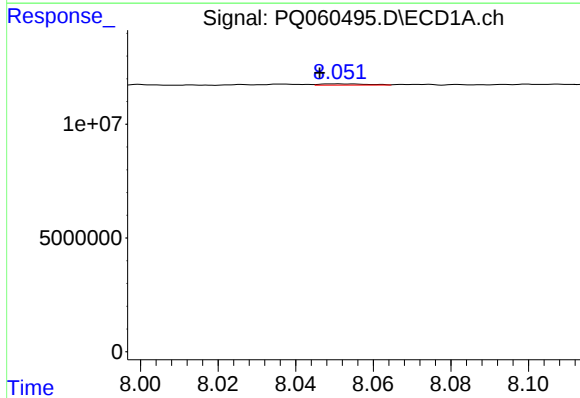
R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 982878
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



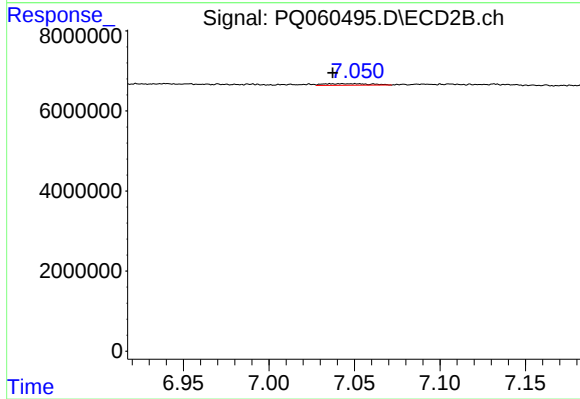
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.009 min
Response: 1372317
Conc: 1.01 ng/ml



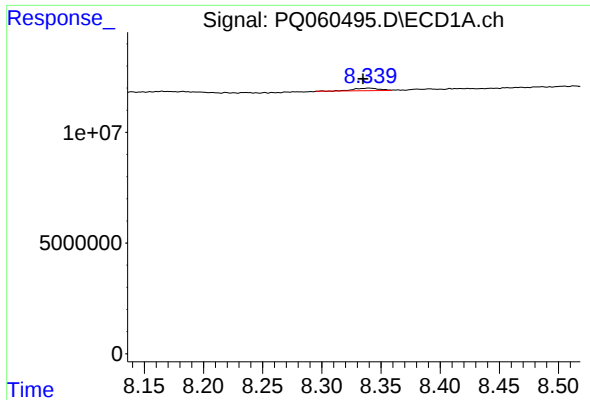
#44 AR-1268-4

R.T.: 8.050 min
Delta R.T.: 0.004 min
Response: 437760
Conc: 0.59 ng/ml



#44 AR-1268-4

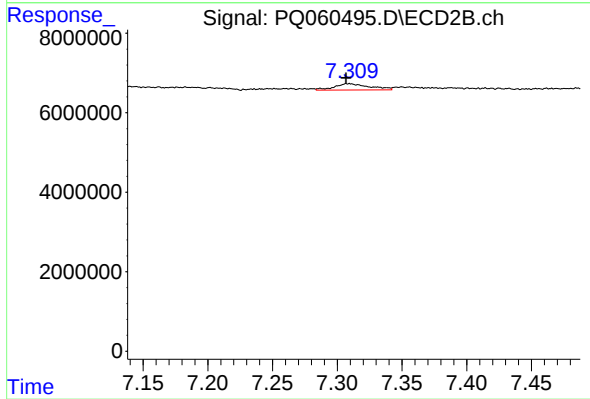
R.T.: 7.043 min
Delta R.T.: 0.005 min
Response: 760305
Conc: 1.29 ng/ml



#45 AR-1268-5

R.T.: 8.340 min
Delta R.T.: 0.005 min
Response: 1798373
Conc: 0.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 2986789
Conc: 0.70 ng/ml