

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 02:58
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:41:29 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...	3.438	2.797	495.5E6	275.8E6	21.534	24.518
2)	SA Decachlor...	8.581	7.545	210020	94912	0.015	0.009 #
Target Compounds							
3)	L1 AR-1016-1	4.522	3.789	28917817	14312995	36.377	36.687
4)	L1 AR-1016-2	4.541	3.805	36063854	16218581	30.136	27.493
5)	L1 AR-1016-3	4.599	3.964	19061197	9857481	25.721	31.354
6)	L1 AR-1016-4	4.689	4.009	19674187	20848682	31.716	85.052 #
7)	L1 AR-1016-5	4.973	4.202	50335384	25562975	85.558	80.043
8)	L2 AR-1221-1	3.623	2.990	1301775	640033	5.434	5.694
9)	L2 AR-1221-2	3.713	3.066	9555279	4346934	54.665	52.218
10)	L2 AR-1221-3	3.782	3.142	4964013	1387983	9.489	5.372 #
11)	L3 AR-1232-1	3.782	3.142	4964013	1387983	9.454	5.185 #
12)	L3 AR-1232-2	4.267	3.805	13547096	16218581	50.727	60.392
13)	L3 AR-1232-3	4.541	3.964	36063854	9857481	66.129	70.783
14)	L3 AR-1232-4	4.689	4.046	19674187	21643835	72.822	182.369 #
15)	L3 AR-1232-5	4.784	4.202	39857621	25562975	213.522	187.588
16)	L4 AR-1242-1	4.522	3.789	28917817	14312995	46.831	44.510
17)	L4 AR-1242-2	4.541	3.805	36063854	16218581	38.409	33.853
18)	L4 AR-1242-3	4.599	3.964	19061197	9857481	32.999	38.024
19)	L4 AR-1242-4	4.689	4.046	19674187	21643835	40.348	90.426 #
20)	L4 AR-1242-5	5.396	4.535	53586951	35717744	107.447	115.684
21)	L5 AR-1248-1	4.522	3.789	28917817	14312995	60.650	58.433
22)	L5 AR-1248-2	4.784	4.009	39857621	20848682	64.085	60.543
23)	L5 AR-1248-3	4.973	4.046	50335384	21643835	66.415	62.082
24)	L5 AR-1248-4	5.361	4.202	54925298	25562975	65.767	60.401
25)	L5 AR-1248-5	5.396	4.573	53586951	25679333	64.073	60.329
26)	L6 AR-1254-1	5.334	4.535	46106384	35717744	55.119	55.162
27)	L6 AR-1254-2	5.546	4.680	51904721	9983980	40.568	18.124 #
28)	L6 AR-1254-3	5.896	5.059	28684805	16019501	21.115	18.683
29)	L6 AR-1254-4	6.162	5.282	20462399	10566900	20.632	18.873
30)	L6 AR-1254-5	6.572	5.682	1167152	3037554	1.112	3.748 #
31)	L7 AR-1260-1	6.051	5.193	2193083	7965267	2.093	12.969 #
32)	L7 AR-1260-2	6.317	5.375	1088576	698251	0.878	0.936
33)	L7 AR-1260-3	6.670	5.512	390747	6813216	0.437	9.374 #
34)	L7 AR-1260-4	6.904f	5.964	6553998	556259	6.652	0.944 #
35)	L7 AR-1260-5	7.202	6.226	4656731	617108	2.395	0.449 #
36)	L8 AR-1262-1	6.660	5.707	235233	253463	0.205	0.324 #
37)	L8 AR-1262-2	7.202f	6.188	4656731	801807	2.322	0.565 #
38)	L8 AR-1262-3	7.447	0.000	99142	0	0.076	N.D. #
39)	L8 AR-1262-4	7.532	6.544	389539	296340	0.381	0.277 #
40)	L8 AR-1262-5	8.038	7.037	144202	631165	0.222	1.219 #
41)	L9 AR-1268-1	7.447f	0.000	99142	0	0.043	N.D. #

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 Acq On : 25 Feb 2023 02:58
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

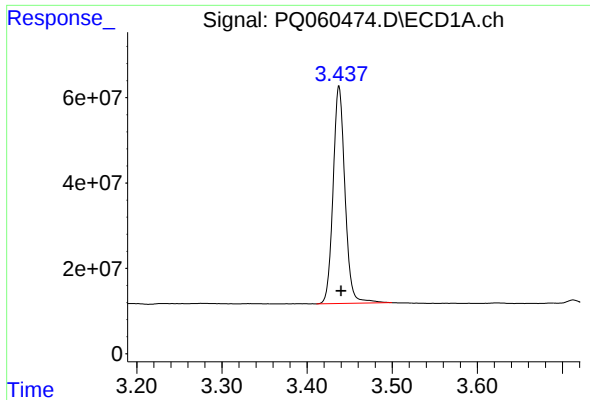
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:41:29 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	7.542	6.544	247734	296340	0.117	0.190 #
43) L9	AR-1268-3	0.000	6.753	0	1597705	N.D.	1.174 #
44) L9	AR-1268-4	8.053	7.037	126311	631165	0.170	1.070 #
45) L9	AR-1268-5	8.324	7.323f	305.8E6	247.9E6	59.364	58.111

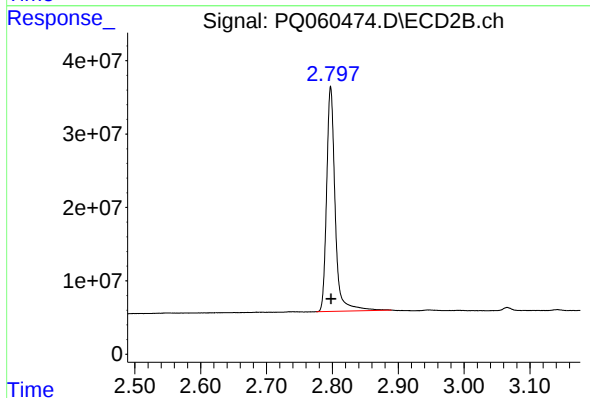
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

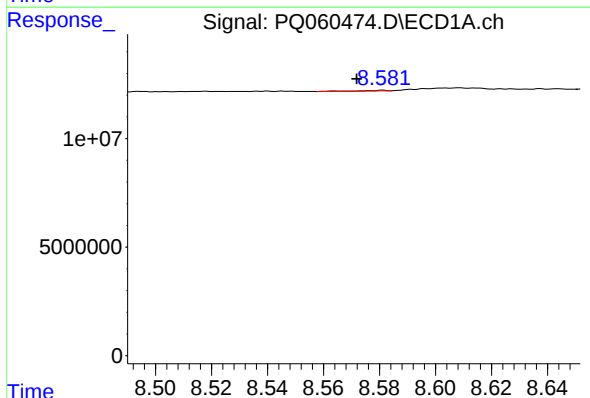
R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 495499607
Conc: 21.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



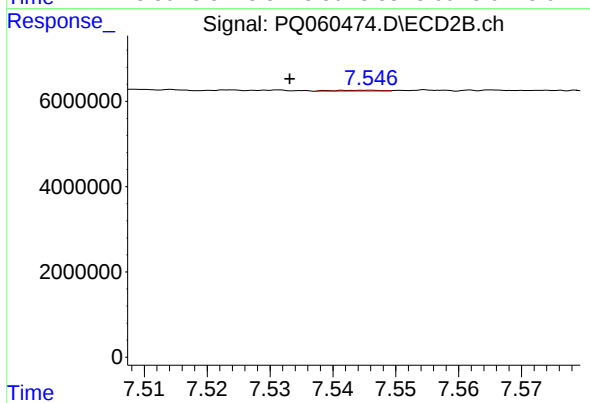
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 275826797
Conc: 24.52 ng/ml



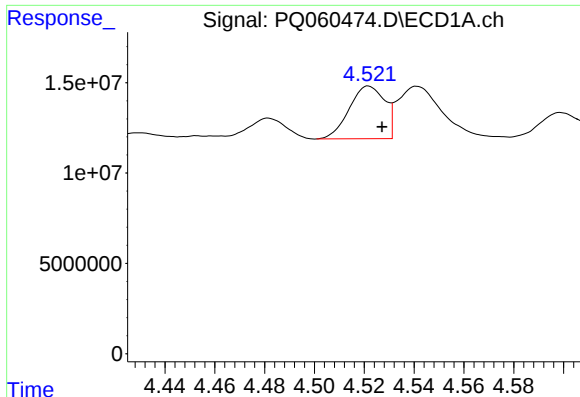
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: 0.009 min
Response: 210020
Conc: 0.02 ng/ml



#2 Decachlorobiphenyl

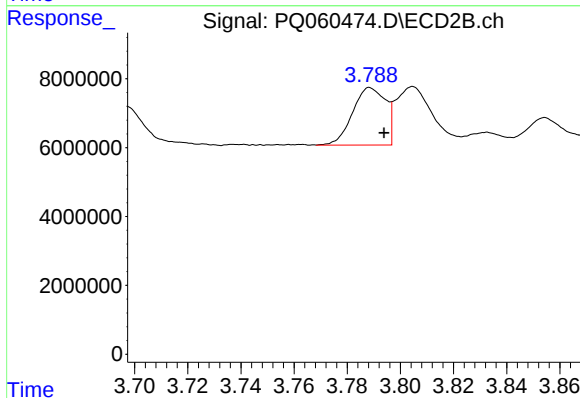
R.T.: 7.545 min
Delta R.T.: 0.012 min
Response: 94912
Conc: 0.01 ng/ml



#3 AR-1016-1

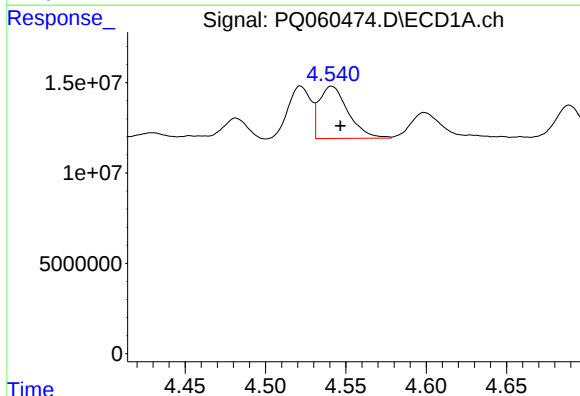
R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 28917817
Conc: 36.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



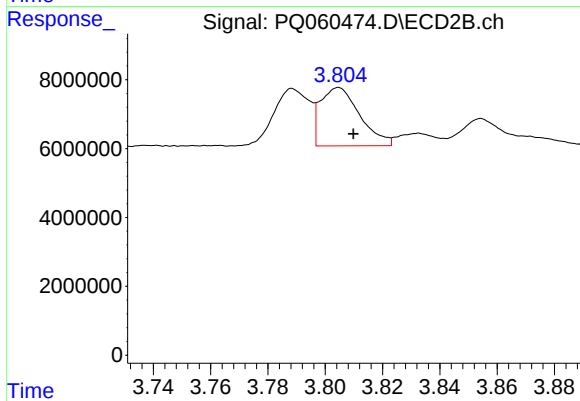
#3 AR-1016-1

R.T.: 3.789 min
Delta R.T.: -0.005 min
Response: 14312995
Conc: 36.69 ng/ml



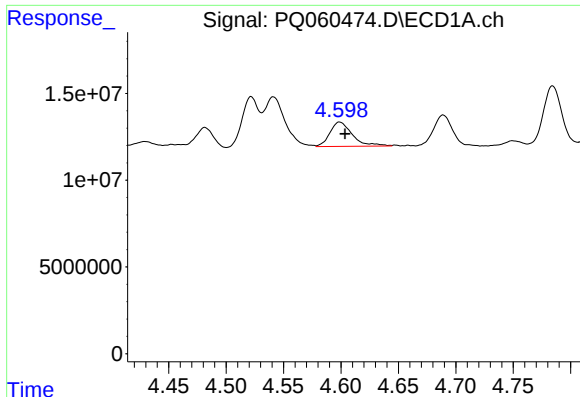
#4 AR-1016-2

R.T.: 4.541 min
Delta R.T.: -0.005 min
Response: 36063854
Conc: 30.14 ng/ml



#4 AR-1016-2

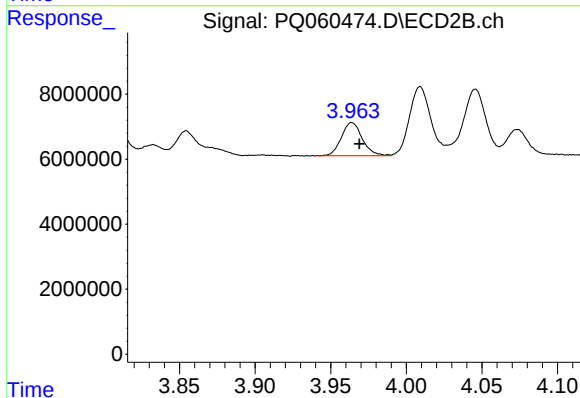
R.T.: 3.805 min
Delta R.T.: -0.005 min
Response: 16218581
Conc: 27.49 ng/ml



#5 AR-1016-3

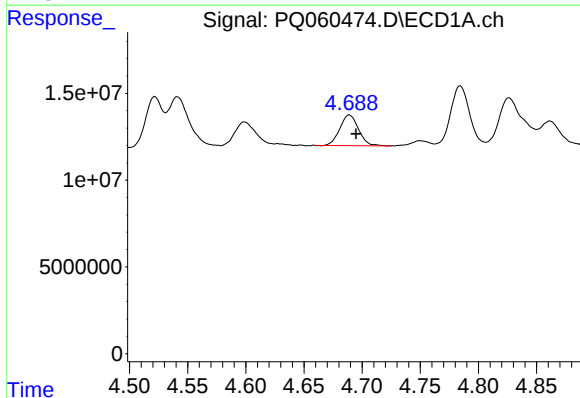
R.T.: 4.599 min
Delta R.T.: -0.005 min
Response: 19061197
Conc: 25.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



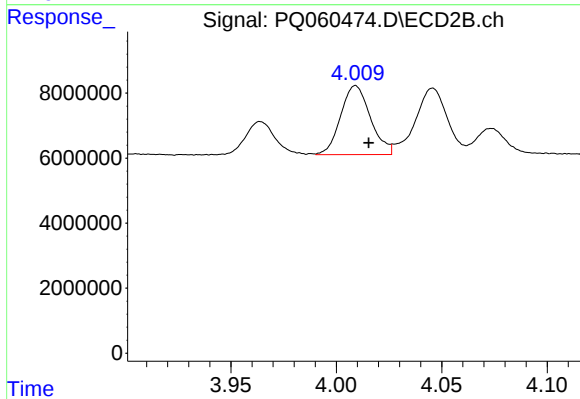
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.005 min
Response: 9857481
Conc: 31.35 ng/ml



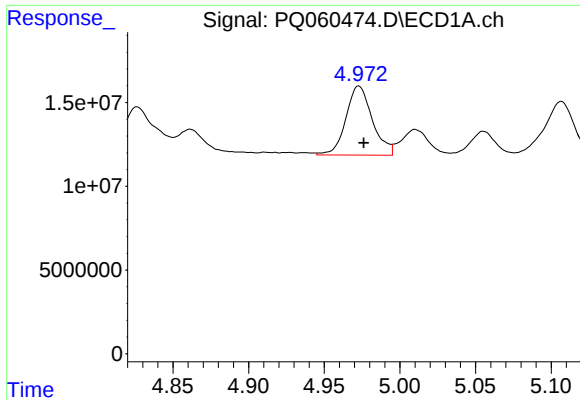
#6 AR-1016-4

R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 19674187
Conc: 31.72 ng/ml



#6 AR-1016-4

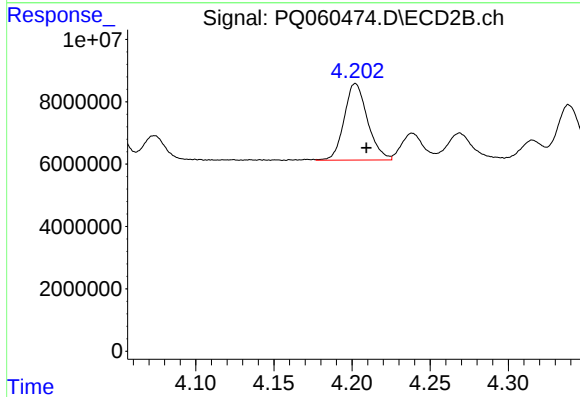
R.T.: 4.009 min
Delta R.T.: -0.006 min
Response: 20848682
Conc: 85.05 ng/ml



#7 AR-1016-5

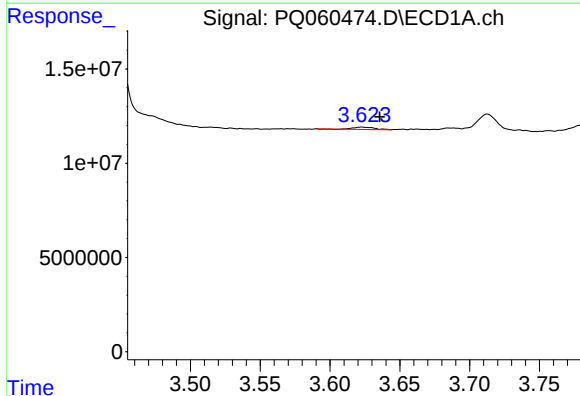
R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 50335384
Conc: 85.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



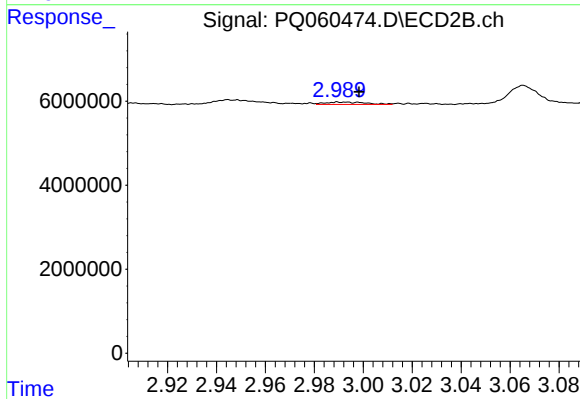
#7 AR-1016-5

R.T.: 4.202 min
Delta R.T.: -0.007 min
Response: 25562975
Conc: 80.04 ng/ml



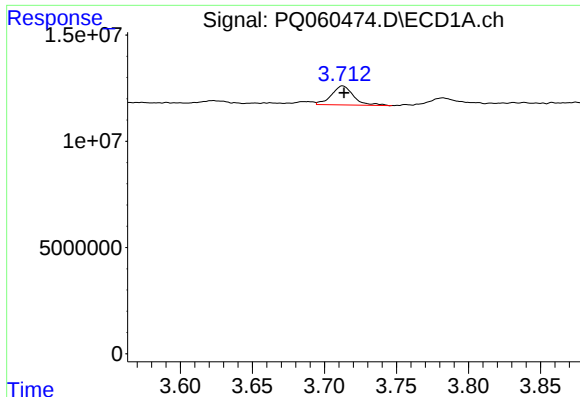
#8 AR-1221-1

R.T.: 3.623 min
Delta R.T.: -0.013 min
Response: 1301775
Conc: 5.43 ng/ml



#8 AR-1221-1

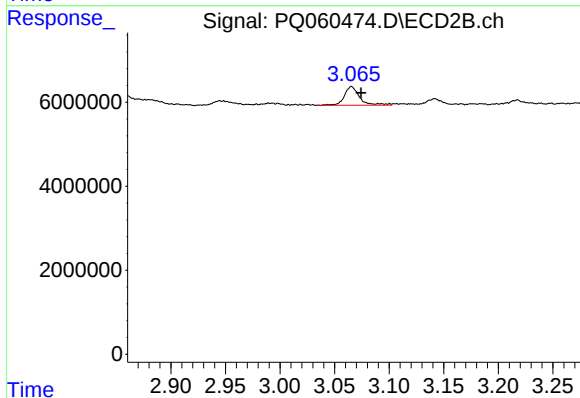
R.T.: 2.990 min
Delta R.T.: -0.009 min
Response: 640033
Conc: 5.69 ng/ml



#9 AR-1221-2

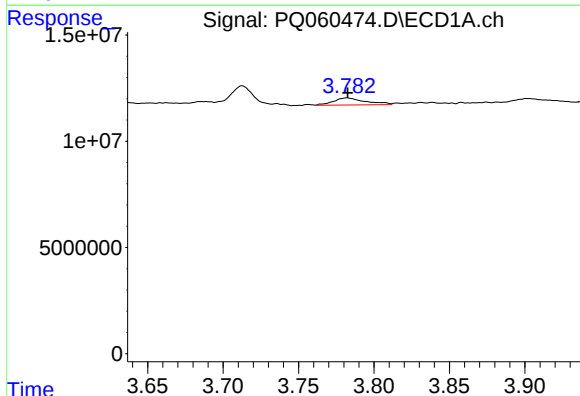
R.T.: 3.713 min
Delta R.T.: 0.000 min
Response: 9555279
Conc: 54.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



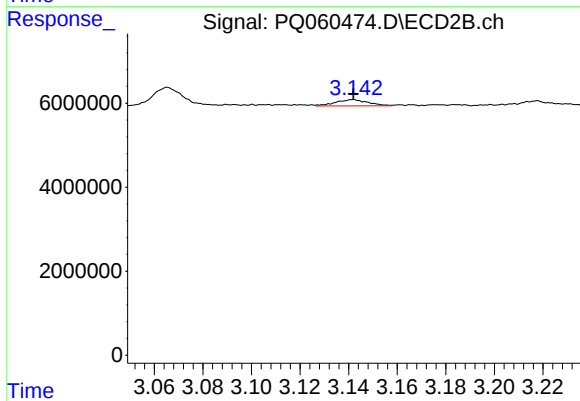
#9 AR-1221-2

R.T.: 3.066 min
Delta R.T.: -0.009 min
Response: 4346934
Conc: 52.22 ng/ml



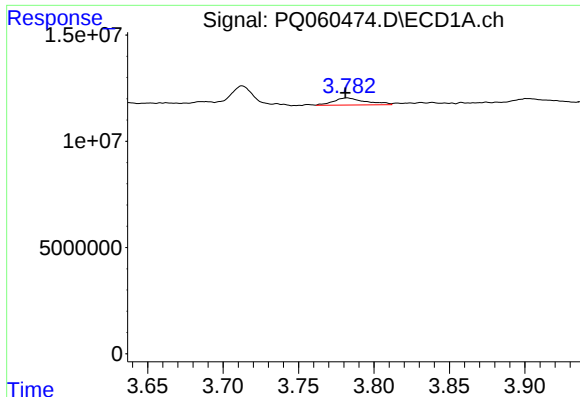
#10 AR-1221-3

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 4964013
Conc: 9.49 ng/ml



#10 AR-1221-3

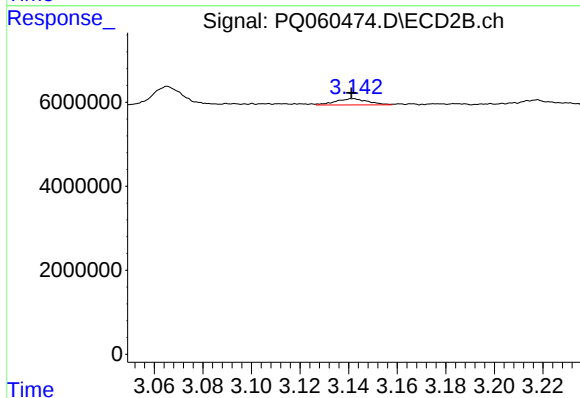
R.T.: 3.142 min
Delta R.T.: 0.000 min
Response: 1387983
Conc: 5.37 ng/ml



#11 AR-1232-1

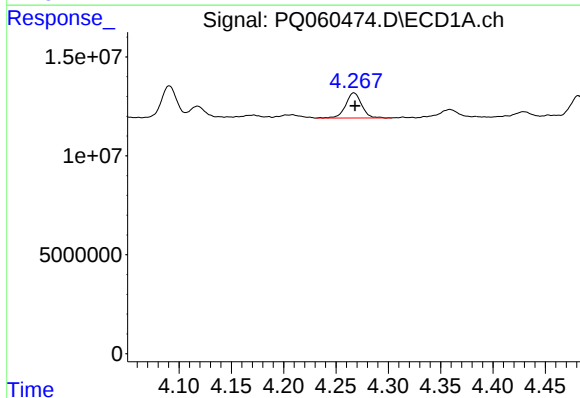
R.T.: 3.782 min
Delta R.T.: 0.001 min
Response: 4964013
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



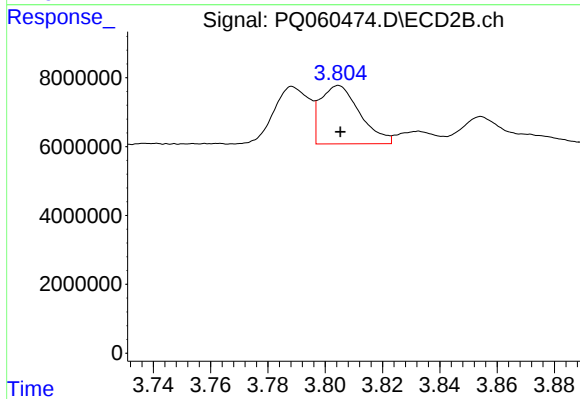
#11 AR-1232-1

R.T.: 3.142 min
Delta R.T.: 0.000 min
Response: 1387983
Conc: 5.18 ng/ml



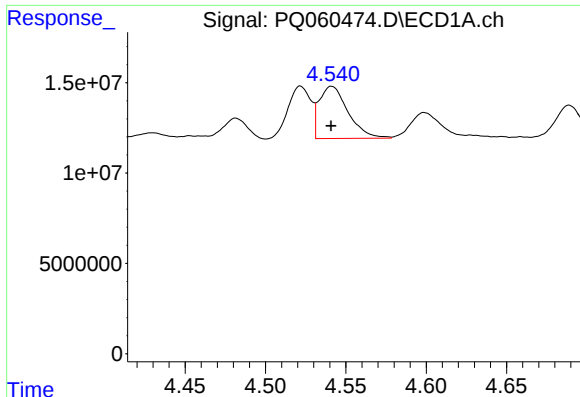
#12 AR-1232-2

R.T.: 4.267 min
Delta R.T.: -0.001 min
Response: 13547096
Conc: 50.73 ng/ml



#12 AR-1232-2

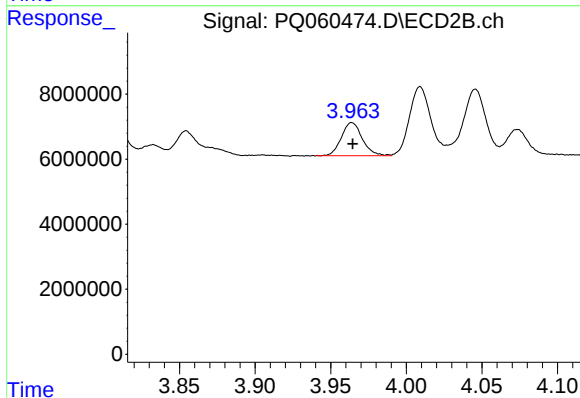
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 16218581
Conc: 60.39 ng/ml



#13 AR-1232-3

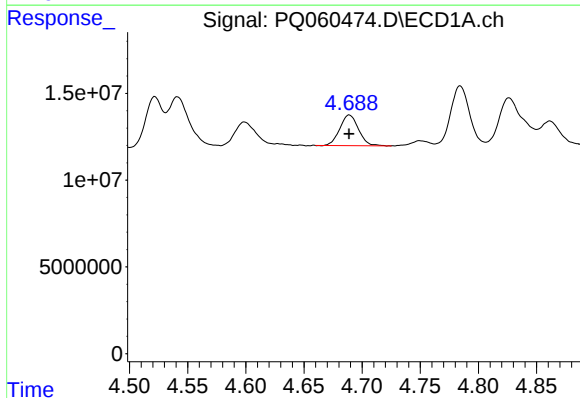
R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 36063854
Conc: 66.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



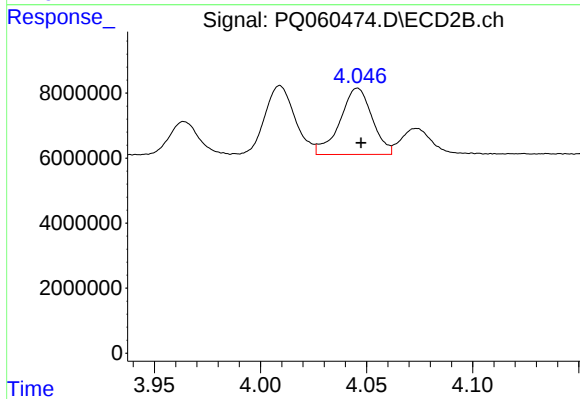
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 9857481
Conc: 70.78 ng/ml



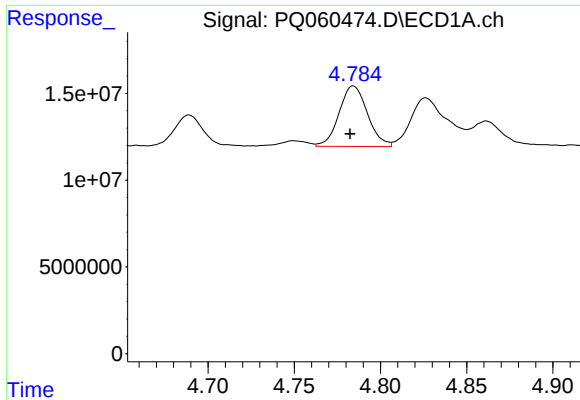
#14 AR-1232-4

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 19674187
Conc: 72.82 ng/ml



#14 AR-1232-4

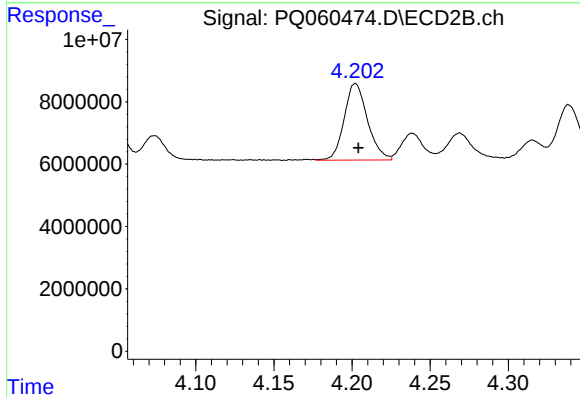
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 21643835
Conc: 182.37 ng/ml



#15 AR-1232-5

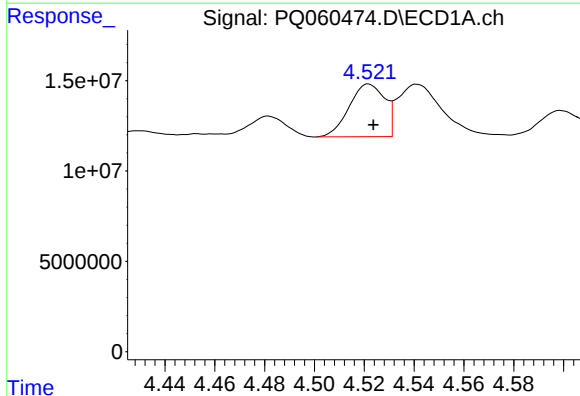
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 39857621
Conc: 213.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



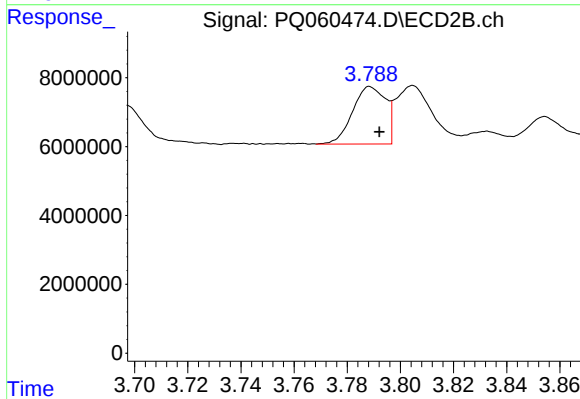
#15 AR-1232-5

R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 25562975
Conc: 187.59 ng/ml



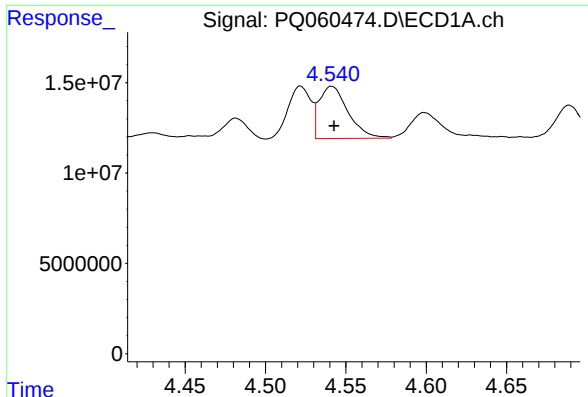
#16 AR-1242-1

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 28917817
Conc: 46.83 ng/ml



#16 AR-1242-1

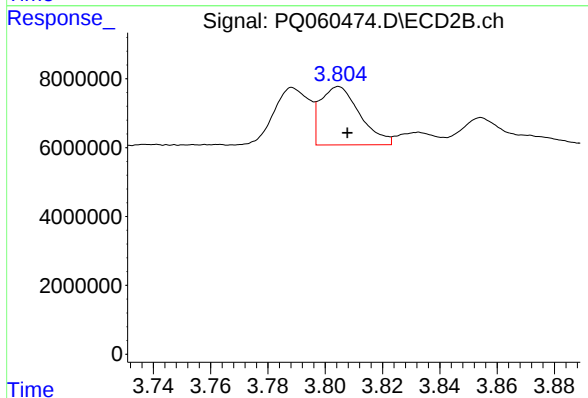
R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 14312995
Conc: 44.51 ng/ml



#17 AR-1242-2

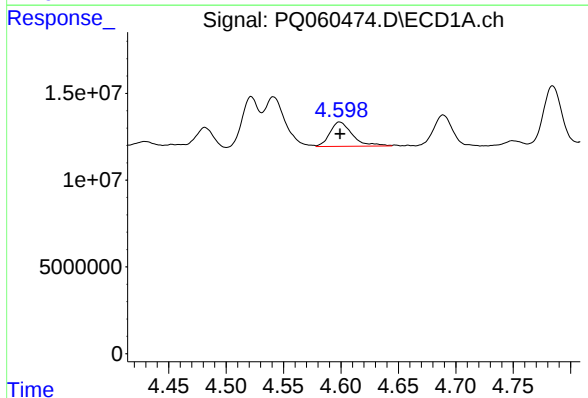
R.T.: 4.541 min
Delta R.T.: -0.001 min
Response: 36063854
Conc: 38.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



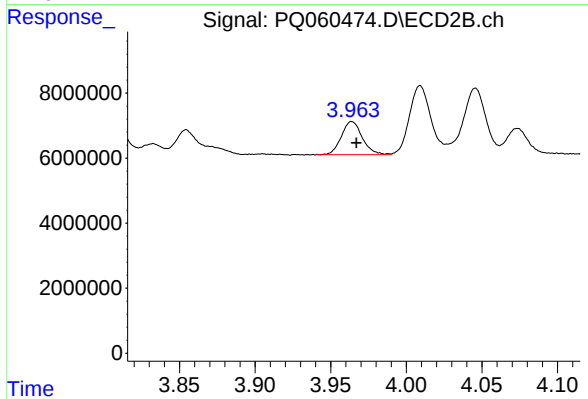
#17 AR-1242-2

R.T.: 3.805 min
Delta R.T.: -0.003 min
Response: 16218581
Conc: 33.85 ng/ml



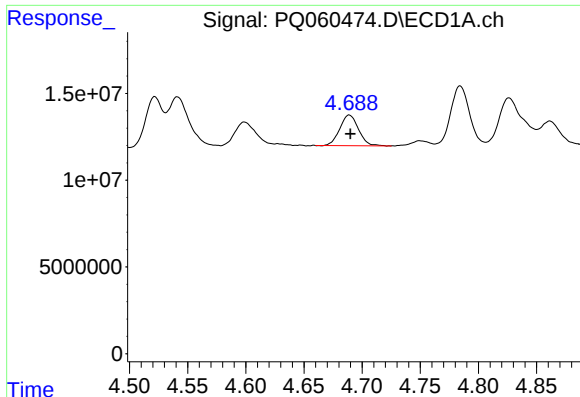
#18 AR-1242-3

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 19061197
Conc: 33.00 ng/ml



#18 AR-1242-3

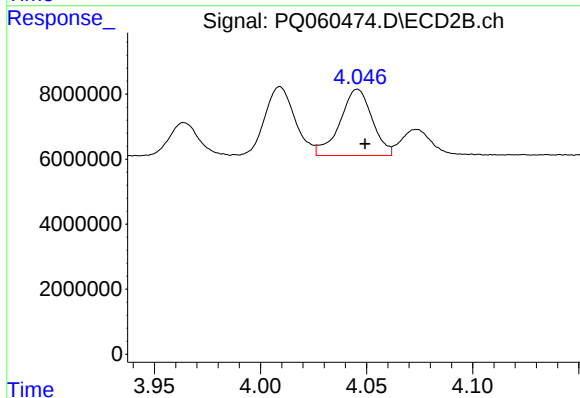
R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 9857481
Conc: 38.02 ng/ml



#19 AR-1242-4

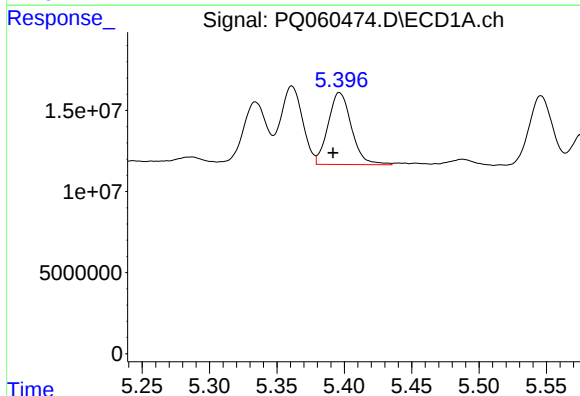
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 19674187
Conc: 40.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



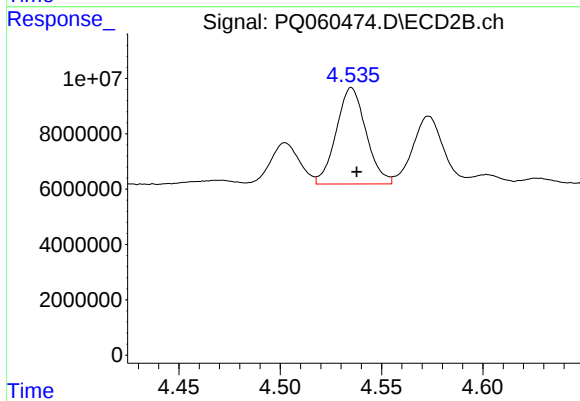
#19 AR-1242-4

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 21643835
Conc: 90.43 ng/ml



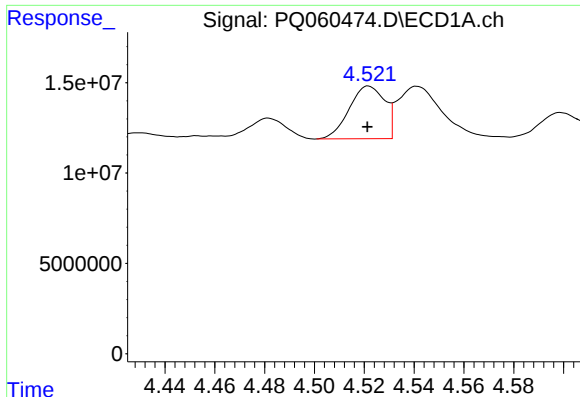
#20 AR-1242-5

R.T.: 5.396 min
Delta R.T.: 0.005 min
Response: 53586951
Conc: 107.45 ng/ml



#20 AR-1242-5

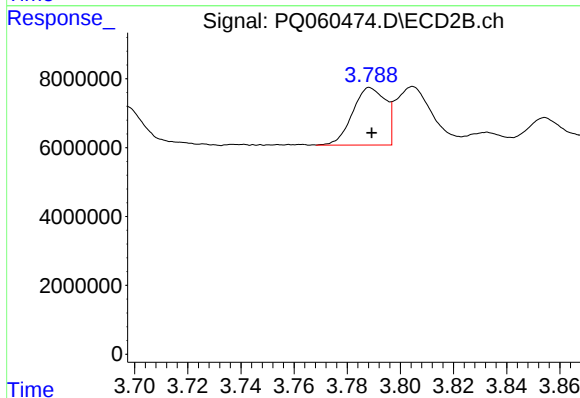
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 35717744
Conc: 115.68 ng/ml



#21 AR-1248-1

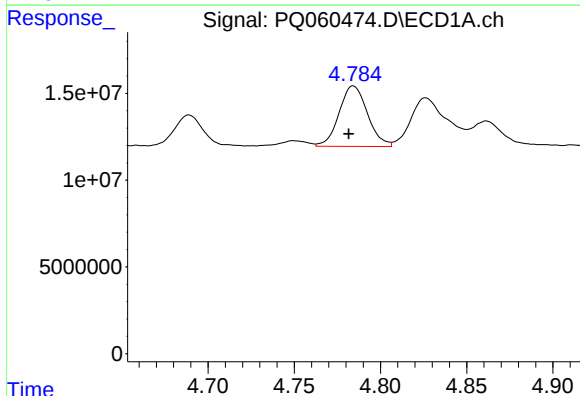
R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 28917817
Conc: 60.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



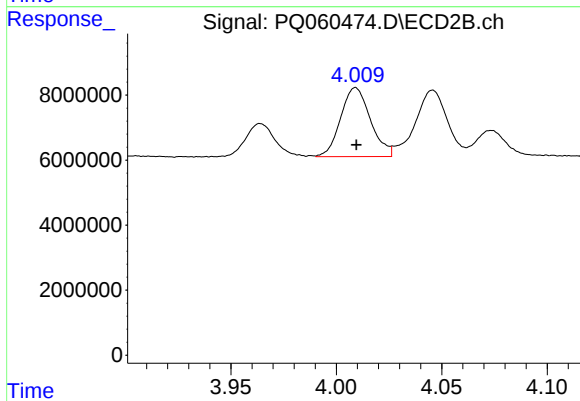
#21 AR-1248-1

R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 14312995
Conc: 58.43 ng/ml



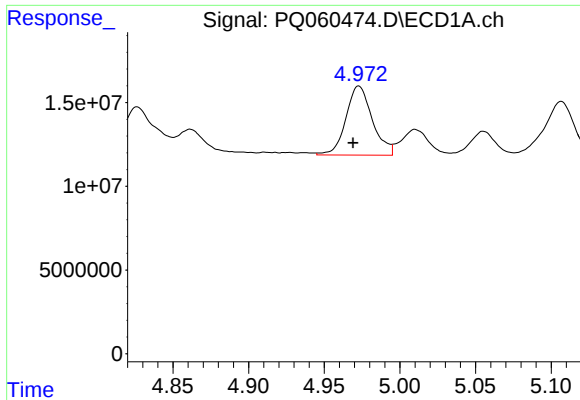
#22 AR-1248-2

R.T.: 4.784 min
Delta R.T.: 0.003 min
Response: 39857621
Conc: 64.09 ng/ml



#22 AR-1248-2

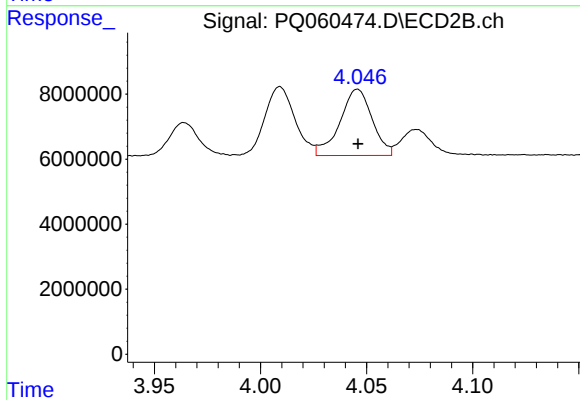
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 20848682
Conc: 60.54 ng/ml



#23 AR-1248-3

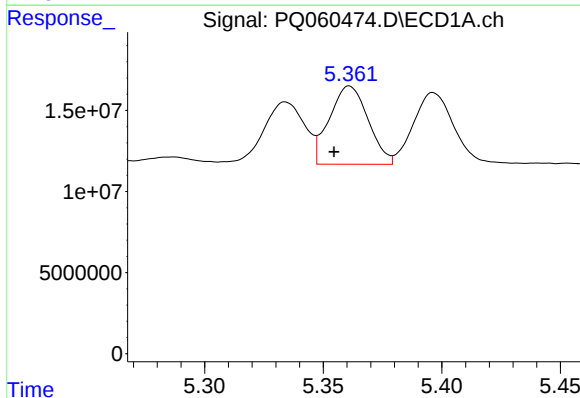
R.T.: 4.973 min
Delta R.T.: 0.004 min
Response: 50335384
Conc: 66.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



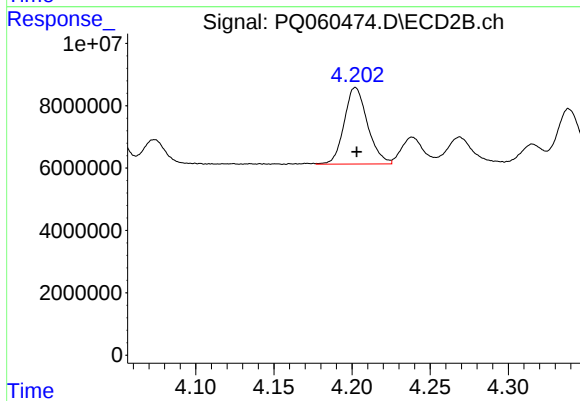
#23 AR-1248-3

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 21643835
Conc: 62.08 ng/ml



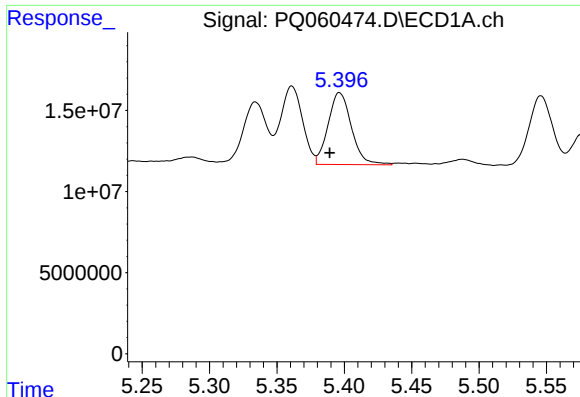
#24 AR-1248-4

R.T.: 5.361 min
Delta R.T.: 0.007 min
Response: 54925298
Conc: 65.77 ng/ml



#24 AR-1248-4

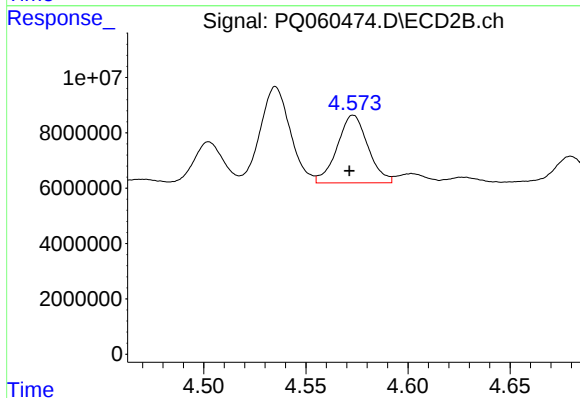
R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 25562975
Conc: 60.40 ng/ml



#25 AR-1248-5

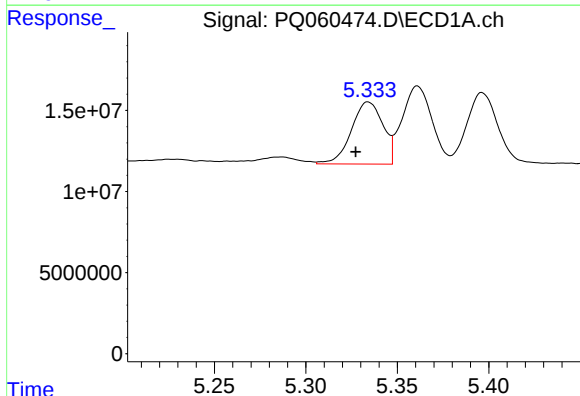
R.T.: 5.396 min
Delta R.T.: 0.007 min
Response: 53586951
Conc: 64.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



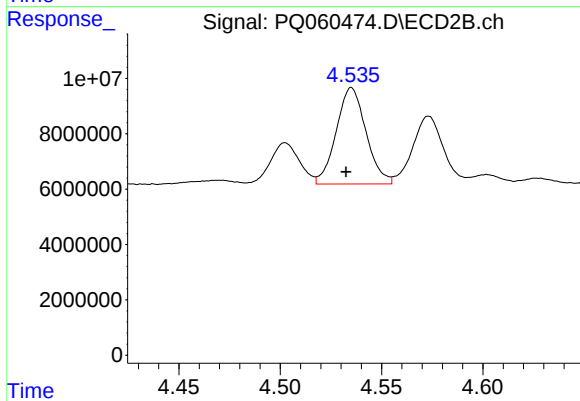
#25 AR-1248-5

R.T.: 4.573 min
Delta R.T.: 0.002 min
Response: 25679333
Conc: 60.33 ng/ml



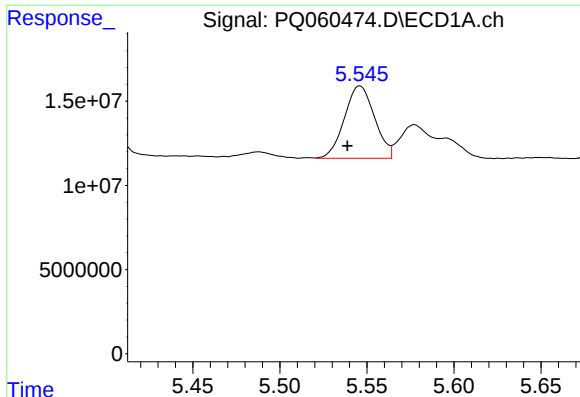
#26 AR-1254-1

R.T.: 5.334 min
Delta R.T.: 0.007 min
Response: 46106384
Conc: 55.12 ng/ml



#26 AR-1254-1

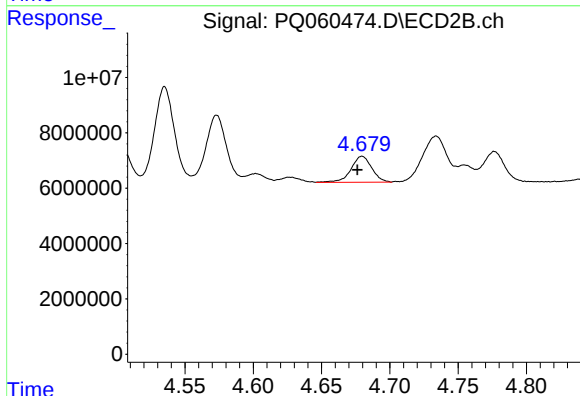
R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 35717744
Conc: 55.16 ng/ml



#27 AR-1254-2

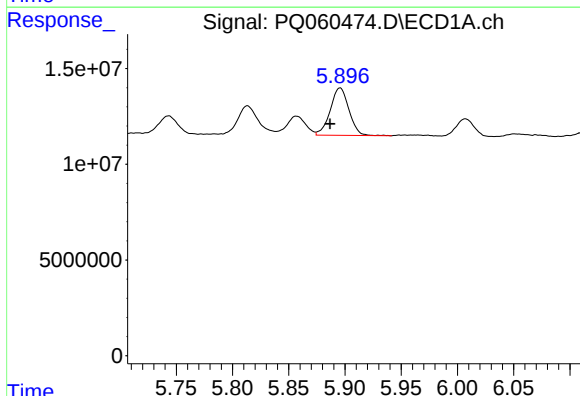
R.T.: 5.546 min
Delta R.T.: 0.007 min
Response: 51904721
Conc: 40.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



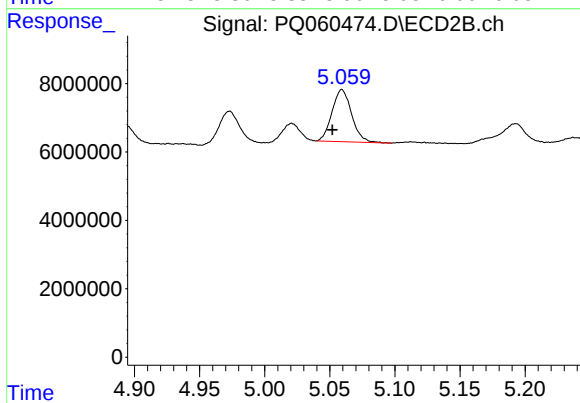
#27 AR-1254-2

R.T.: 4.680 min
Delta R.T.: 0.004 min
Response: 9983980
Conc: 18.12 ng/ml



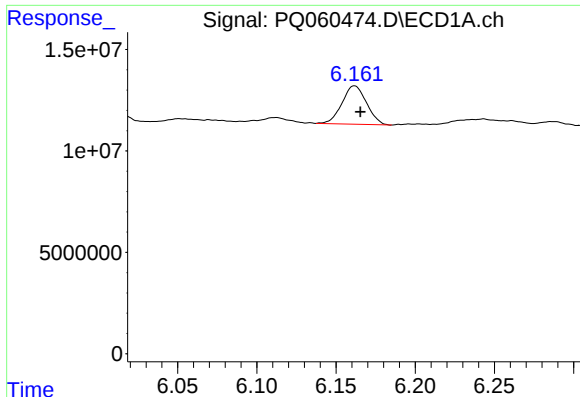
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: 0.009 min
Response: 28684805
Conc: 21.11 ng/ml



#28 AR-1254-3

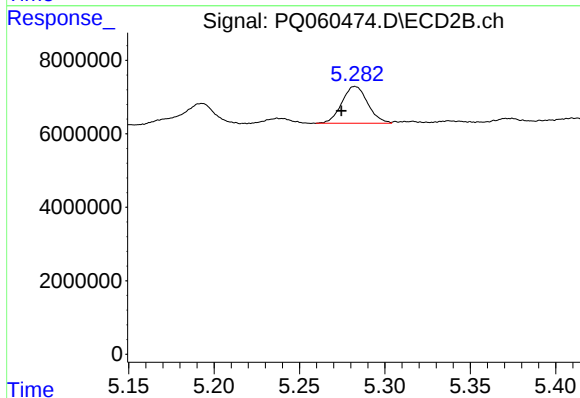
R.T.: 5.059 min
Delta R.T.: 0.007 min
Response: 16019501
Conc: 18.68 ng/ml



#29 AR-1254-4

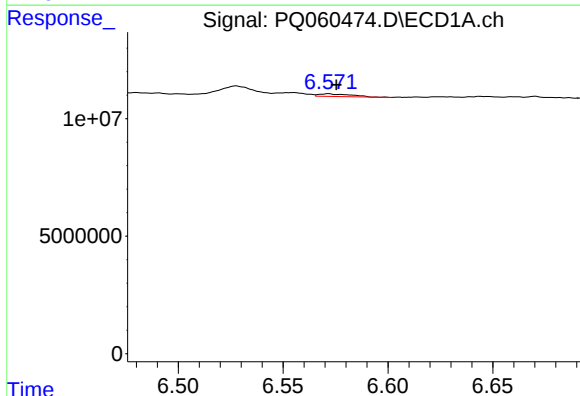
R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 20462399
Conc: 20.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



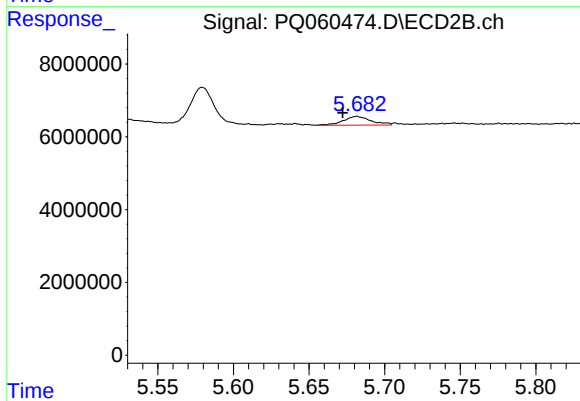
#29 AR-1254-4

R.T.: 5.282 min
Delta R.T.: 0.008 min
Response: 10566900
Conc: 18.87 ng/ml



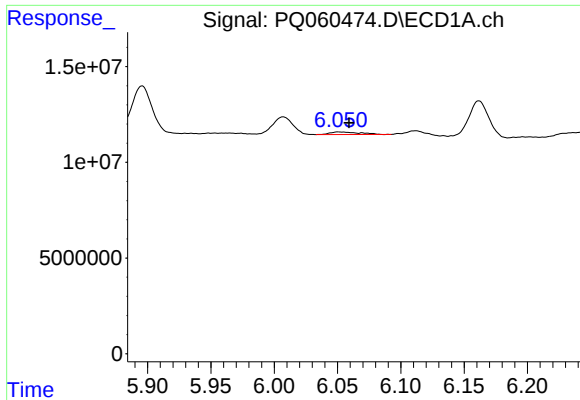
#30 AR-1254-5

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 1167152
Conc: 1.11 ng/ml



#30 AR-1254-5

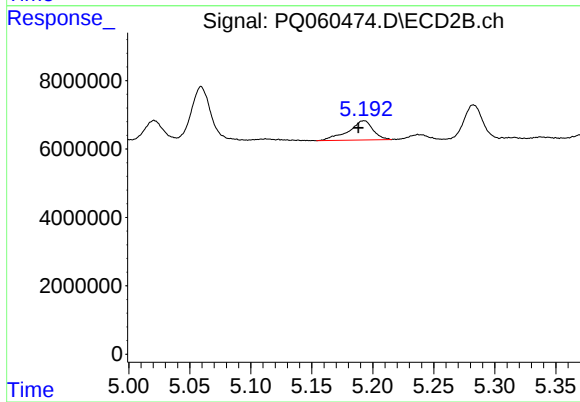
R.T.: 5.682 min
Delta R.T.: 0.009 min
Response: 3037554
Conc: 3.75 ng/ml



#31 AR-1260-1

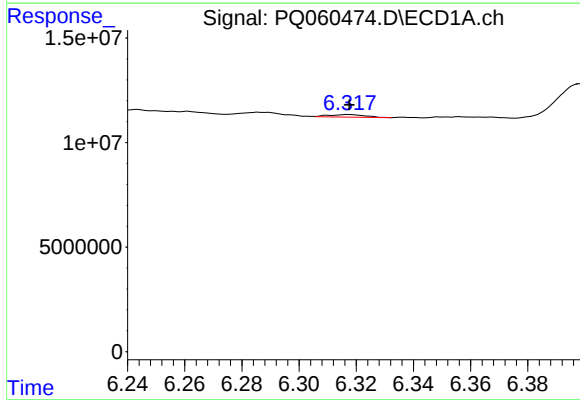
R.T.: 6.051 min
Delta R.T.: -0.008 min
Response: 2193083
Conc: 2.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



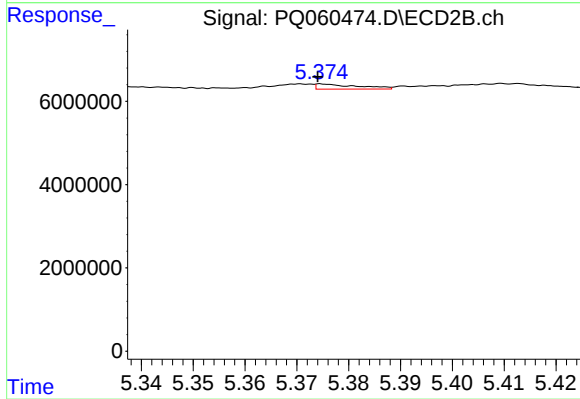
#31 AR-1260-1

R.T.: 5.193 min
Delta R.T.: 0.005 min
Response: 7965267
Conc: 12.97 ng/ml



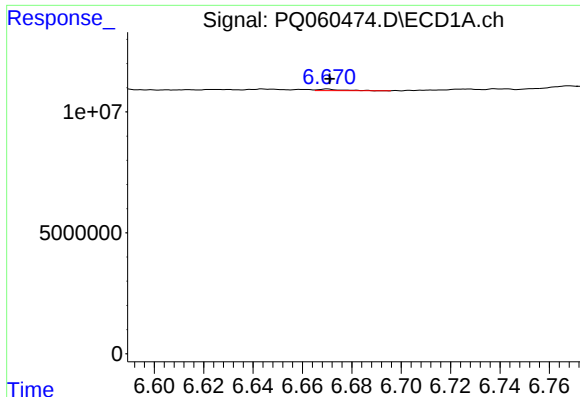
#32 AR-1260-2

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 1088576
Conc: 0.88 ng/ml



#32 AR-1260-2

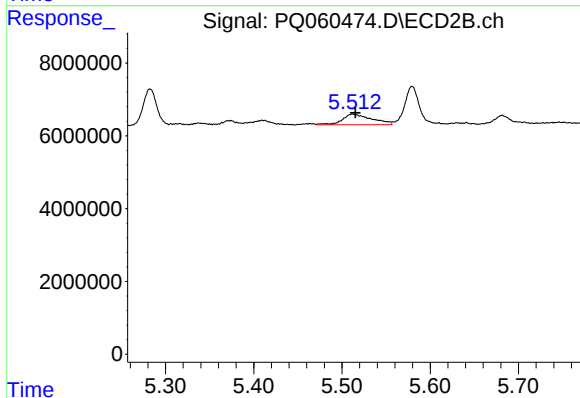
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 698251
Conc: 0.94 ng/ml



#33 AR-1260-3

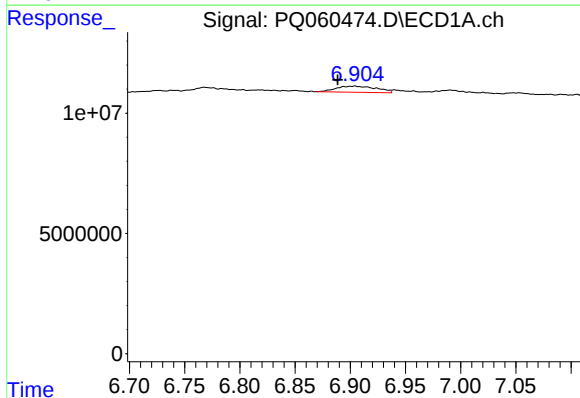
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 390747
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



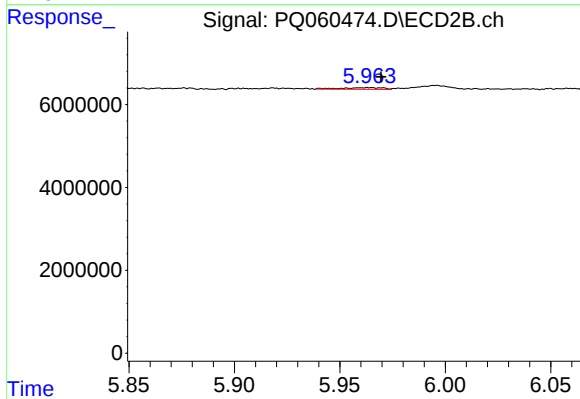
#33 AR-1260-3

R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 6813216
Conc: 9.37 ng/ml



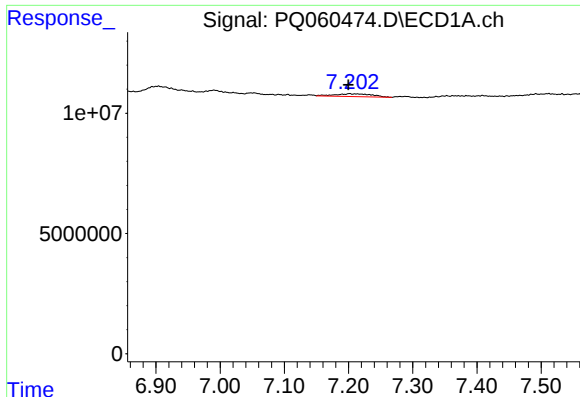
#34 AR-1260-4

R.T.: 6.904 min
Delta R.T.: 0.015 min
Response: 6553998
Conc: 6.65 ng/ml



#34 AR-1260-4

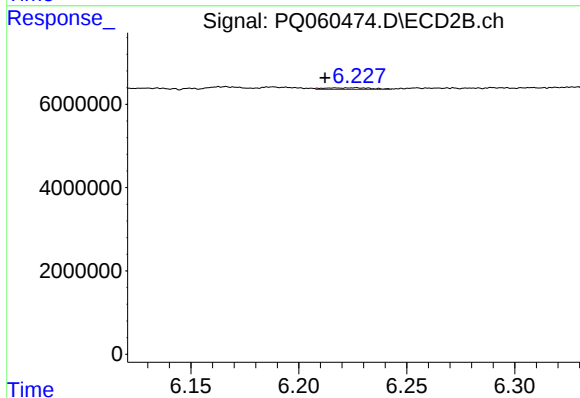
R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 556259
Conc: 0.94 ng/ml



#35 AR-1260-5

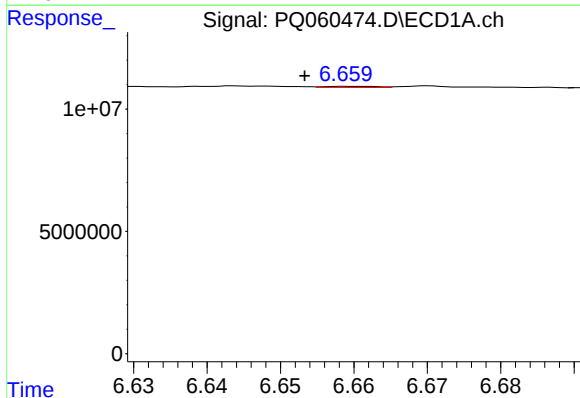
R.T.: 7.202 min
Delta R.T.: 0.002 min
Response: 4656731
Conc: 2.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



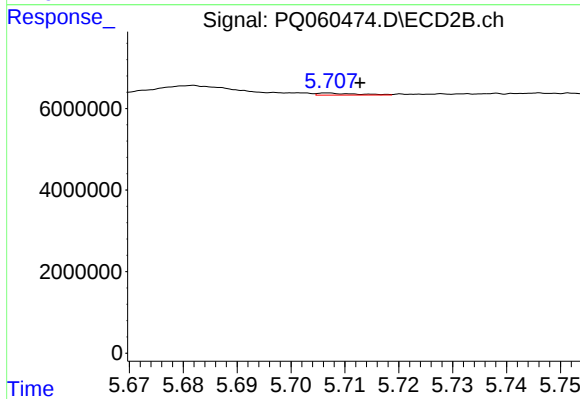
#35 AR-1260-5

R.T.: 6.226 min
Delta R.T.: 0.014 min
Response: 617108
Conc: 0.45 ng/ml



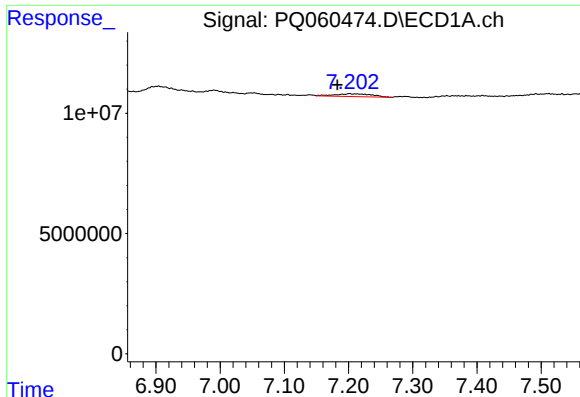
#36 AR-1262-1

R.T.: 6.660 min
Delta R.T.: 0.007 min
Response: 235233
Conc: 0.20 ng/ml



#36 AR-1262-1

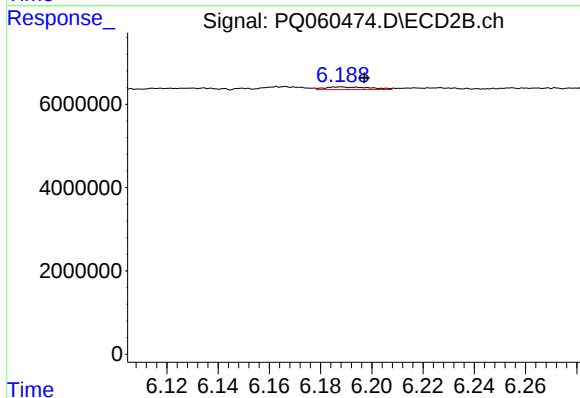
R.T.: 5.707 min
Delta R.T.: -0.006 min
Response: 253463
Conc: 0.32 ng/ml



#37 AR-1262-2

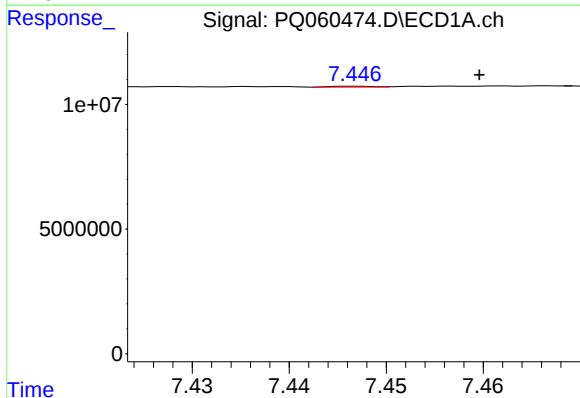
R.T.: 7.202 min
Delta R.T.: 0.019 min
Response: 4656731
Conc: 2.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



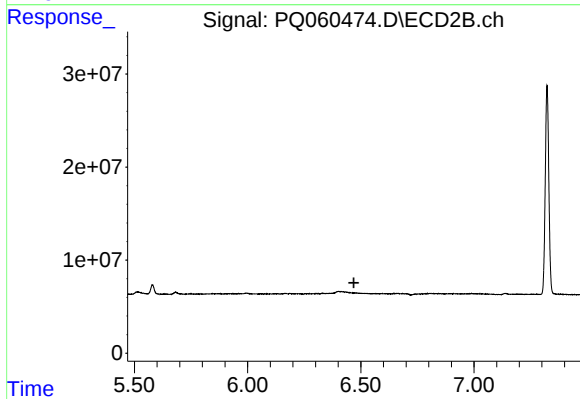
#37 AR-1262-2

R.T.: 6.188 min
Delta R.T.: -0.010 min
Response: 801807
Conc: 0.57 ng/ml



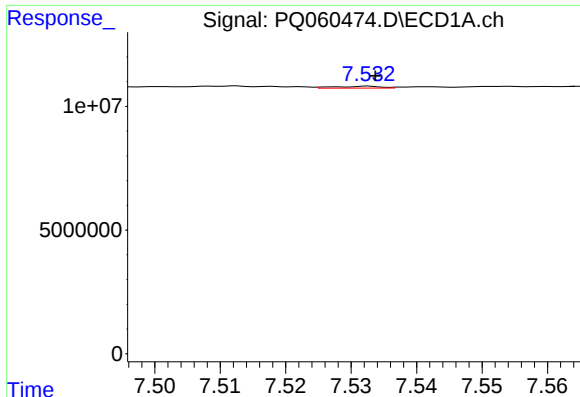
#38 AR-1262-3

R.T.: 7.447 min
Delta R.T.: -0.013 min
Response: 99142
Conc: 0.08 ng/ml



#38 AR-1262-3

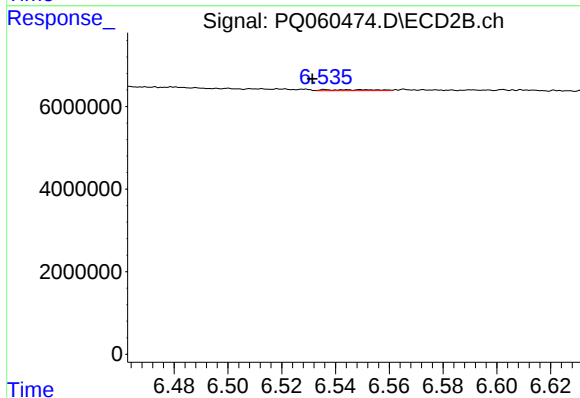
R.T.: 0.000 min
Exp R.T. : 6.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

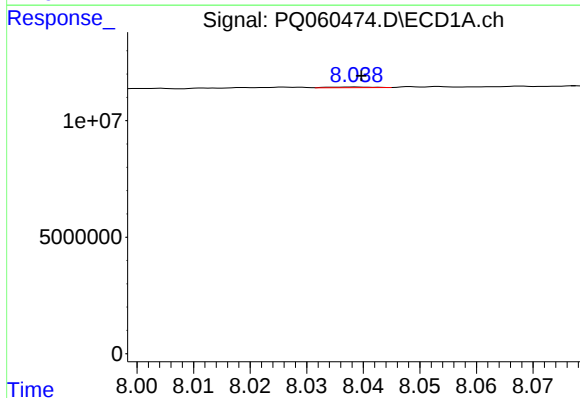
R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 389539
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



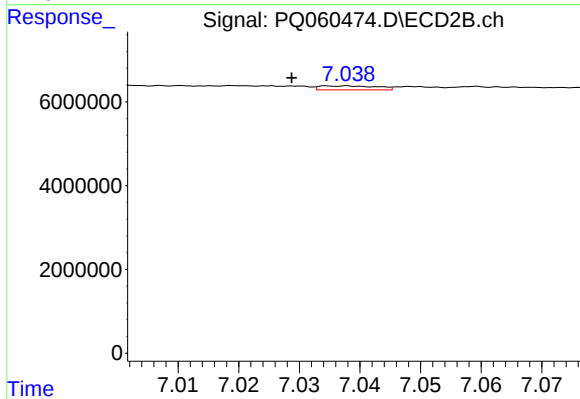
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: 0.012 min
Response: 296340
Conc: 0.28 ng/ml



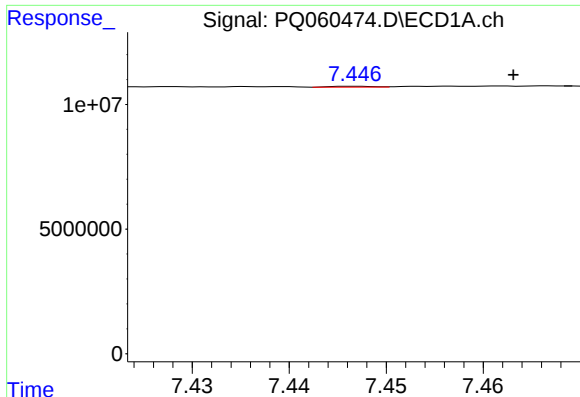
#40 AR-1262-5

R.T.: 8.038 min
Delta R.T.: -0.001 min
Response: 144202
Conc: 0.22 ng/ml



#40 AR-1262-5

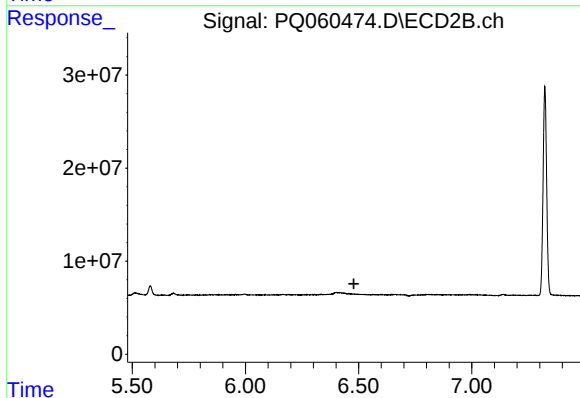
R.T.: 7.037 min
Delta R.T.: 0.009 min
Response: 631165
Conc: 1.22 ng/ml



#41 AR-1268-1

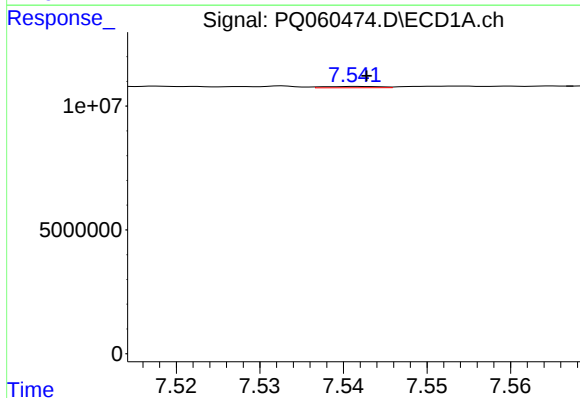
R.T.: 7.447 min
Delta R.T.: -0.016 min
Response: 99142
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



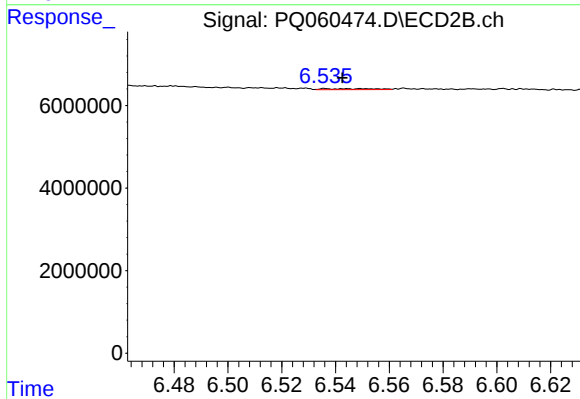
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.479 min
Response: 0
Conc: N.D.



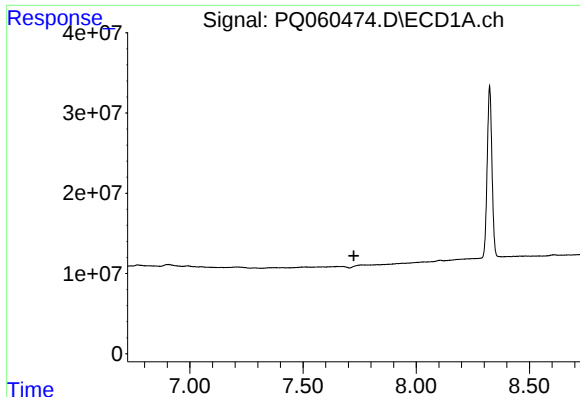
#42 AR-1268-2

R.T.: 7.542 min
Delta R.T.: -0.001 min
Response: 247734
Conc: 0.12 ng/ml



#42 AR-1268-2

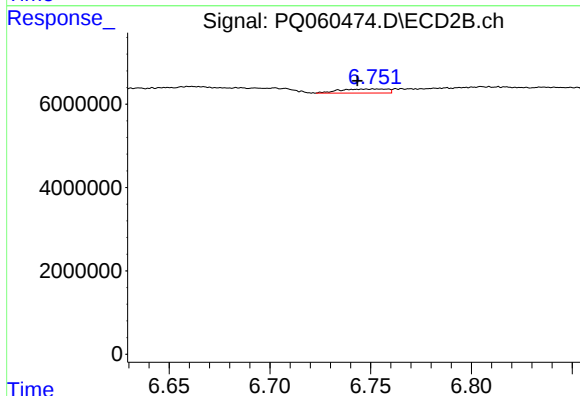
R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 296340
Conc: 0.19 ng/ml



#43 AR-1268-3

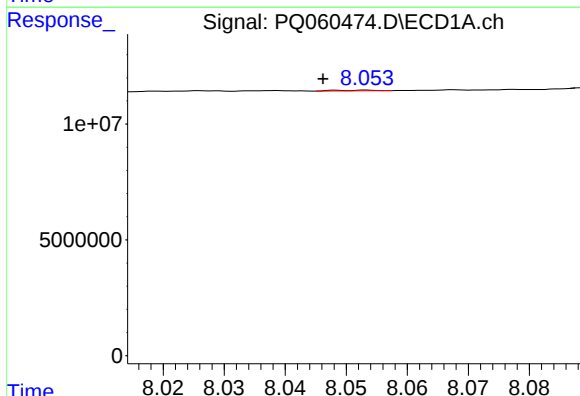
R.T.: 0.000 min
Exp R.T.: 7.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



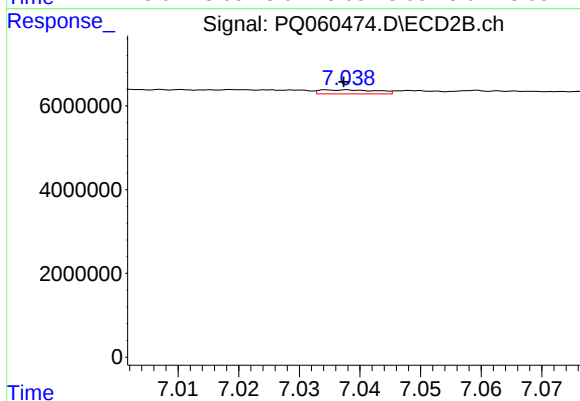
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 1597705
Conc: 1.17 ng/ml



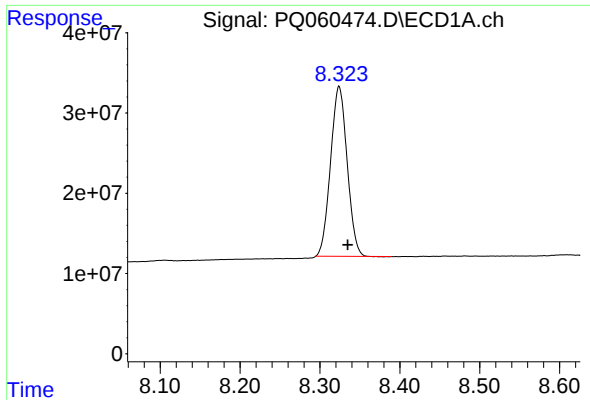
#44 AR-1268-4

R.T.: 8.053 min
Delta R.T.: 0.007 min
Response: 126311
Conc: 0.17 ng/ml



#44 AR-1268-4

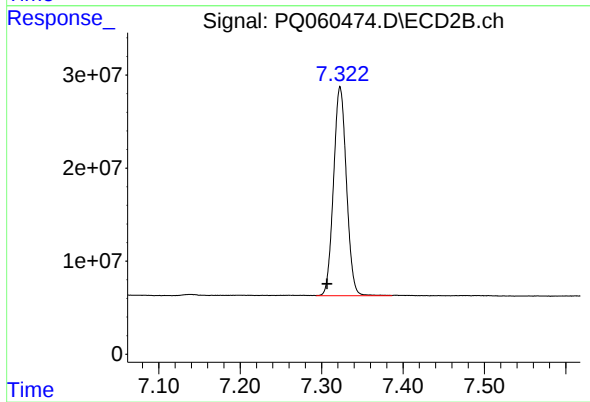
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 631165
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 8.324 min
Delta R.T.: -0.011 min
Response: 305806648
Conc: 59.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.323 min
Delta R.T.: 0.016 min
Response: 247870641
Conc: 58.11 ng/ml