

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 02:44
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:40:46 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	505.4E6	277.8E6	21.966	24.695
2)	SA Decachlor...	8.568	7.527	324.6E6	259.0E6	23.942	24.136
Target Compounds							
3)	L1 AR-1016-1	4.536	3.786	59793991	19471916	75.216	49.910 #
4)	L1 AR-1016-2	4.536	3.802	59793991	29474659	49.965	49.965
5)	L1 AR-1016-3	4.593	3.960	36273767	14785882	48.947	47.029
6)	L1 AR-1016-4	4.683	4.006	29475968	11613731	47.517	47.378
7)	L1 AR-1016-5	4.963	4.199	30541954	15656992	51.914	49.025
8)	L2 AR-1221-1	3.621	2.995	12824861	2357792	53.536	20.977 #
9)	L2 AR-1221-2	3.710	3.066	13517106	6787466	77.330	81.536
10)	L2 AR-1221-3	3.779	3.139	25431449	11858234	48.613	45.896
11)	L3 AR-1232-1	3.779	3.139	25431449	11858234	48.435	44.295
12)	L3 AR-1232-2	4.264	3.802	30644344	29474659	114.747	109.753
13)	L3 AR-1232-3	4.536	3.960	59793991	14785882	109.642	106.172
14)	L3 AR-1232-4	4.683	4.042	29475968	14836004	109.102	125.007
15)	L3 AR-1232-5	4.777	4.199	22641993	15656992	121.296	114.895
16)	L4 AR-1242-1	4.517	3.786	39267244	19471916	63.591	60.554
17)	L4 AR-1242-2	4.536	3.802	59793991	29474659	63.683	61.523
18)	L4 AR-1242-3	4.593	3.960	36273767	14785882	62.798	57.035
19)	L4 AR-1242-4	4.683	4.042	29475968	14836004	60.449	61.984
20)	L4 AR-1242-5	5.383	4.529	31919768	18487826	64.002	59.879
21)	L5 AR-1248-1	4.517	3.786	39267244	19471916	82.356	79.494
22)	L5 AR-1248-2	4.777	4.006	22641993	11613731	36.405	33.726
23)	L5 AR-1248-3	4.963	4.042	30541954	14836004	40.299	42.555
24)	L5 AR-1248-4	5.348	4.199	32900392	15656992	39.395	36.995
25)	L5 AR-1248-5	5.383	4.567	31919768	16397347	38.166	38.523
26)	L6 AR-1254-1	5.321	4.529	26847689	18487826	32.096	28.552
27)	L6 AR-1254-2	5.532	4.672	27526652	4442587	21.514	8.065 #
28)	L6 AR-1254-3	5.883	5.047	11089030	5504356	8.162	6.419
29)	L6 AR-1254-4	6.169	5.269	11455817	3450345	11.551	6.162 #
30)	L6 AR-1254-5	6.582	5.669	3293584	2163033	3.137	2.669
31)	L7 AR-1260-1	6.055	5.180	917328	3674604	0.876	5.983 #
32)	L7 AR-1260-2	6.309	5.357f	1651119	850835	1.331	1.141
33)	L7 AR-1260-3	0.000	5.504	0	6752247	N.D.	9.290 #
34)	L7 AR-1260-4	6.890	5.990f	176533	863884	0.179	1.466 #
35)	L7 AR-1260-5	7.203	6.220	107557	126853	0.055	0.092 #
36)	L8 AR-1262-1	6.638f	5.728f	2379359	931607	2.070	1.191 #
37)	L8 AR-1262-2	7.188	6.203	432129	354326	0.215	0.250
38)	L8 AR-1262-3	0.000	6.456	0	4745951	N.D.	8.360 #
39)	L8 AR-1262-4	7.528	0.000	4857522	0	4.751	N.D. #
40)	L8 AR-1262-5	8.048	7.030	393903	267963	0.606	0.517
41)	L9 AR-1268-1	0.000	6.456f	0	4745951	N.D.	2.803 #

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 Sample : 01627-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 47 Sample Multiplier: 1

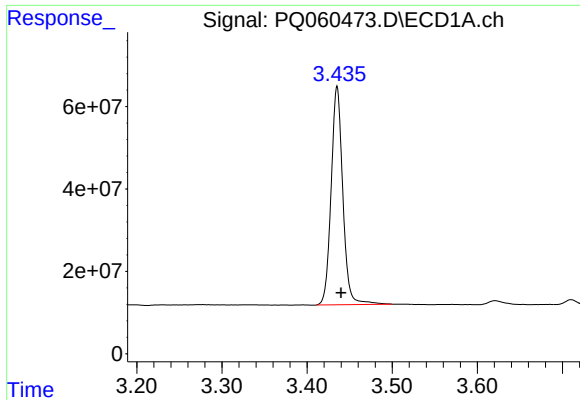
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:40:46 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	7.528f	6.569f	4857522	186895	2.288	0.120 #
43) L9	AR-1268-3	7.726	6.750	888794	1141450	0.511	0.839 #
44) L9	AR-1268-4	8.048	7.030	393903	267963	0.530	0.454
45) L9	AR-1268-5	8.337	7.310	1717011	2640585	0.333	0.619 #

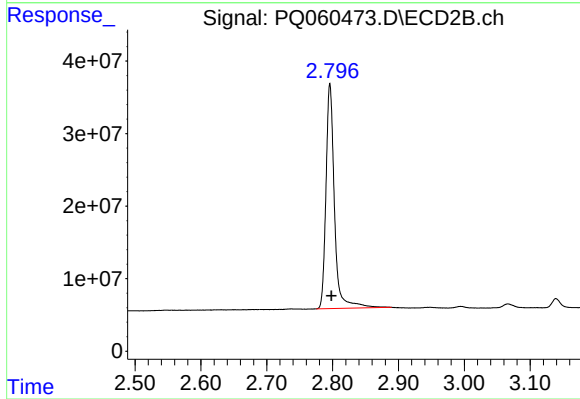
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

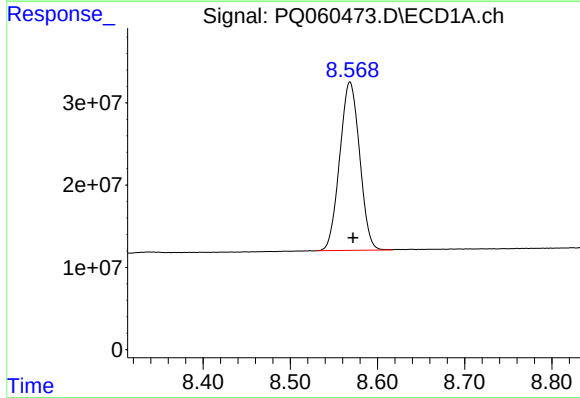
R.T.: 3.435 min
Delta R.T.: -0.005 min
Response: 505445625
Conc: 21.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



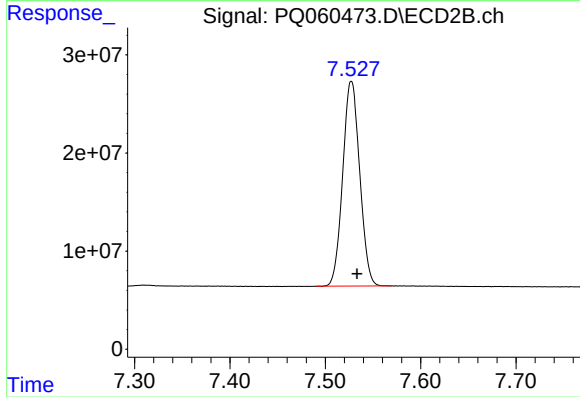
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 277811849
Conc: 24.69 ng/ml



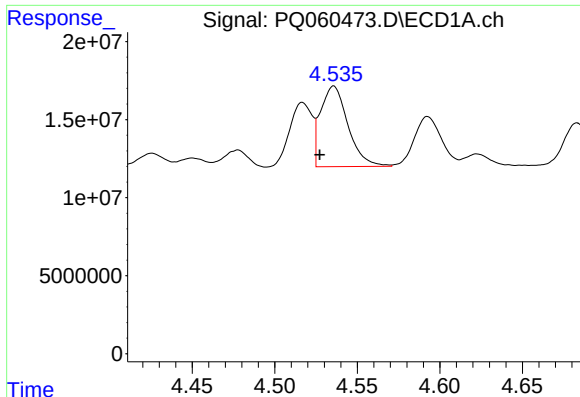
#2 Decachlorobiphenyl

R.T.: 8.568 min
Delta R.T.: -0.003 min
Response: 324635894
Conc: 23.94 ng/ml



#2 Decachlorobiphenyl

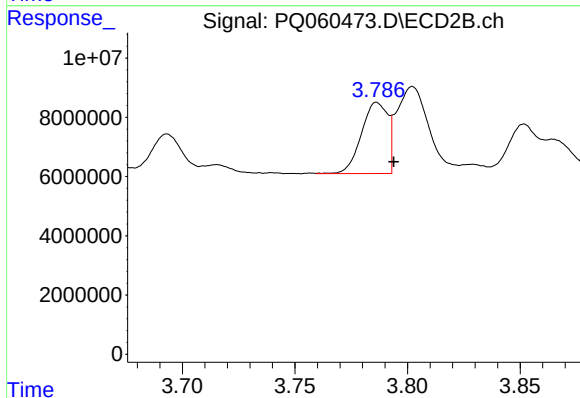
R.T.: 7.527 min
Delta R.T.: -0.006 min
Response: 259038082
Conc: 24.14 ng/ml



#3 AR-1016-1

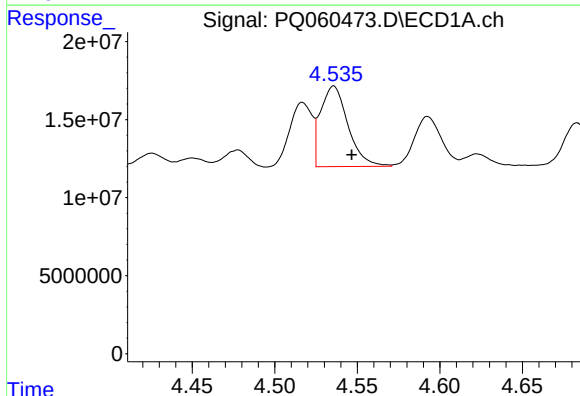
R.T.: 4.536 min
Delta R.T.: 0.009 min
Response: 59793991
Conc: 75.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



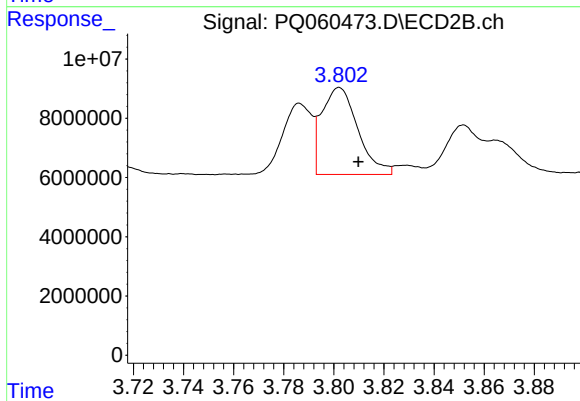
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.008 min
Response: 19471916
Conc: 49.91 ng/ml



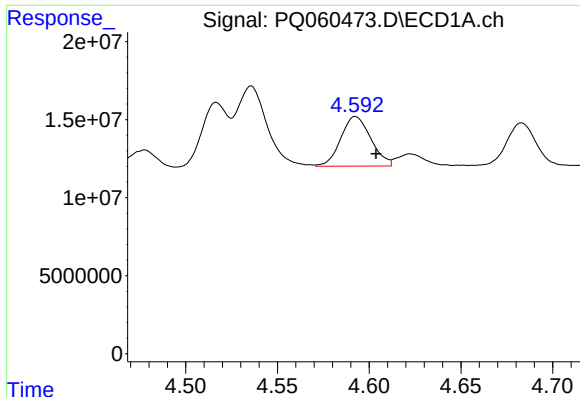
#4 AR-1016-2

R.T.: 4.536 min
Delta R.T.: -0.011 min
Response: 59793991
Conc: 49.97 ng/ml



#4 AR-1016-2

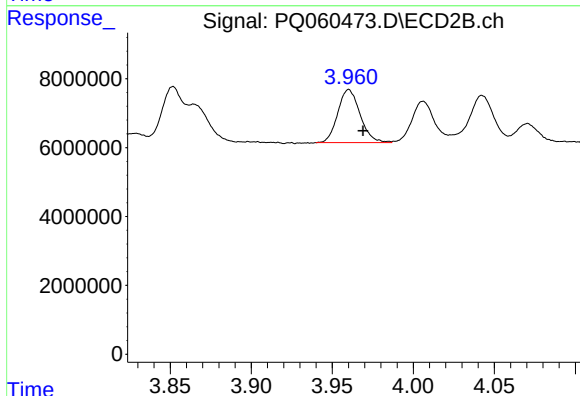
R.T.: 3.802 min
Delta R.T.: -0.007 min
Response: 29474659
Conc: 49.96 ng/ml



#5 AR-1016-3

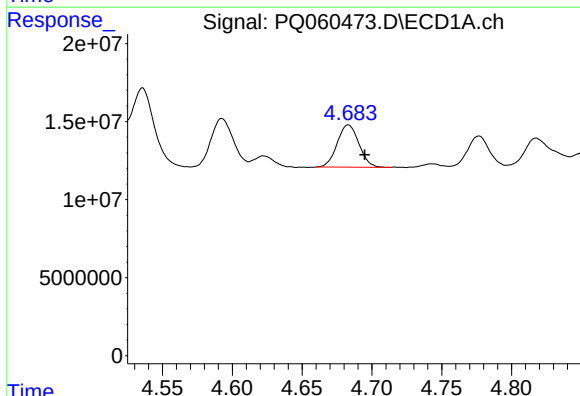
R.T.: 4.593 min
Delta R.T.: -0.011 min
Response: 36273767
Conc: 48.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



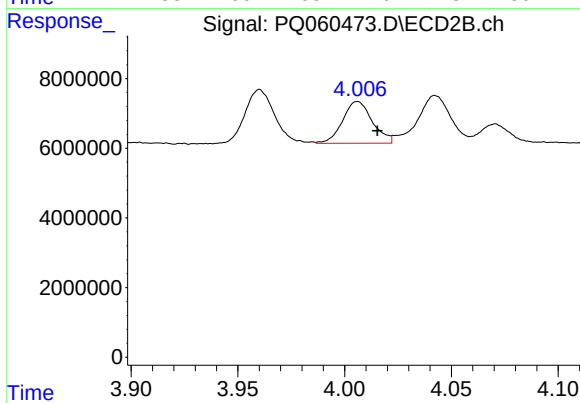
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: -0.009 min
Response: 14785882
Conc: 47.03 ng/ml



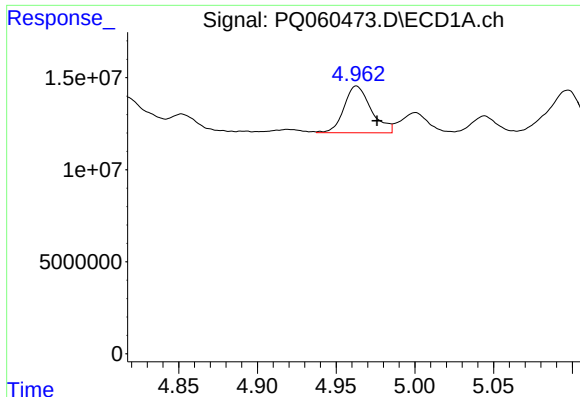
#6 AR-1016-4

R.T.: 4.683 min
Delta R.T.: -0.012 min
Response: 29475968
Conc: 47.52 ng/ml



#6 AR-1016-4

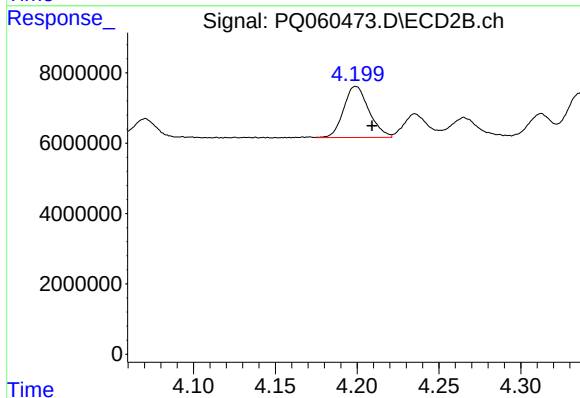
R.T.: 4.006 min
Delta R.T.: -0.009 min
Response: 11613731
Conc: 47.38 ng/ml



#7 AR-1016-5

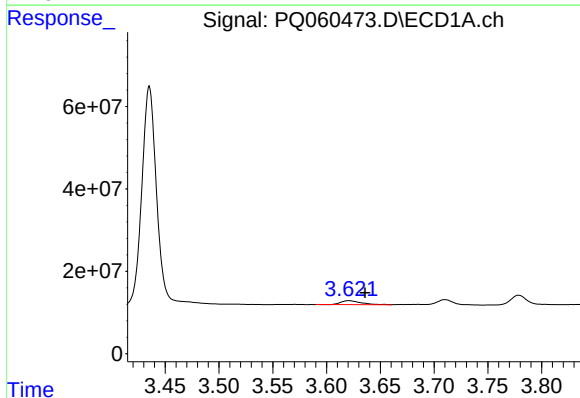
R.T.: 4.963 min
Delta R.T.: -0.013 min
Response: 30541954
Conc: 51.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



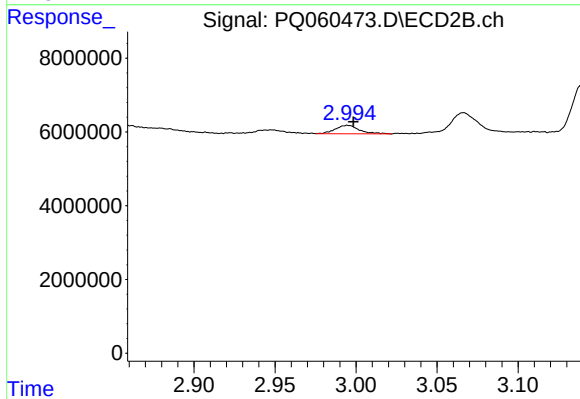
#7 AR-1016-5

R.T.: 4.199 min
Delta R.T.: -0.010 min
Response: 15656992
Conc: 49.03 ng/ml



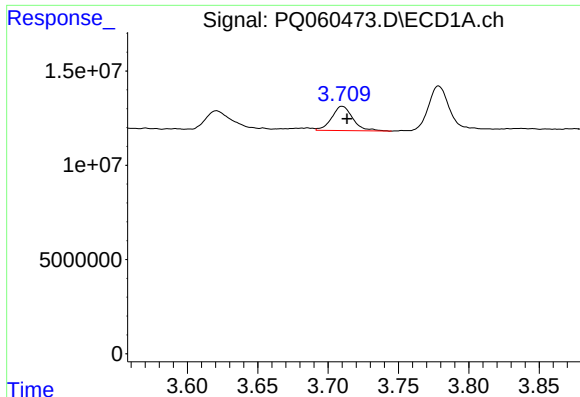
#8 AR-1221-1

R.T.: 3.621 min
Delta R.T.: -0.015 min
Response: 12824861
Conc: 53.54 ng/ml



#8 AR-1221-1

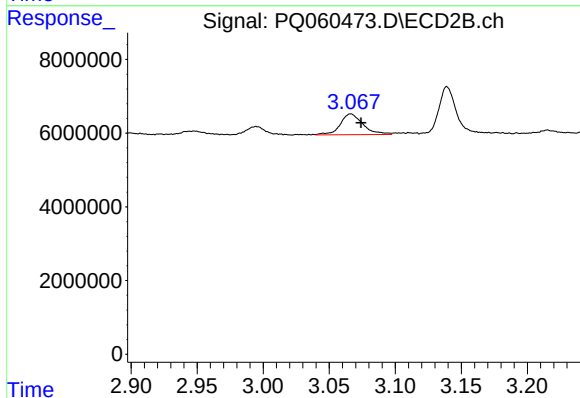
R.T.: 2.995 min
Delta R.T.: -0.004 min
Response: 2357792
Conc: 20.98 ng/ml



#9 AR-1221-2

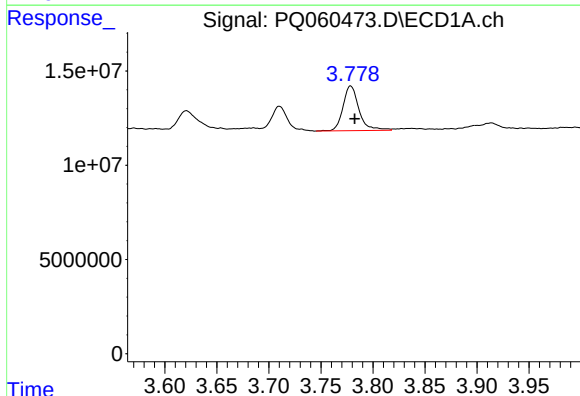
R.T.: 3.710 min
Delta R.T.: -0.003 min
Response: 13517106
Conc: 77.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



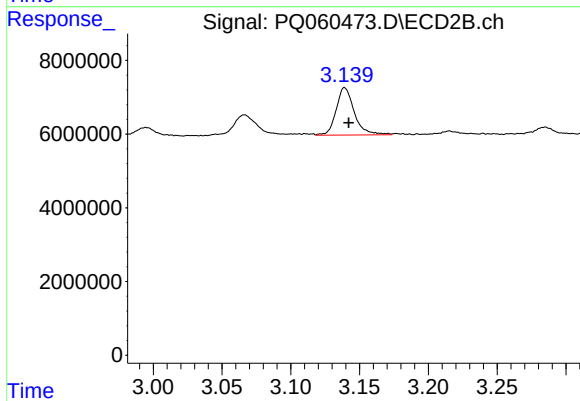
#9 AR-1221-2

R.T.: 3.066 min
Delta R.T.: -0.008 min
Response: 6787466
Conc: 81.54 ng/ml



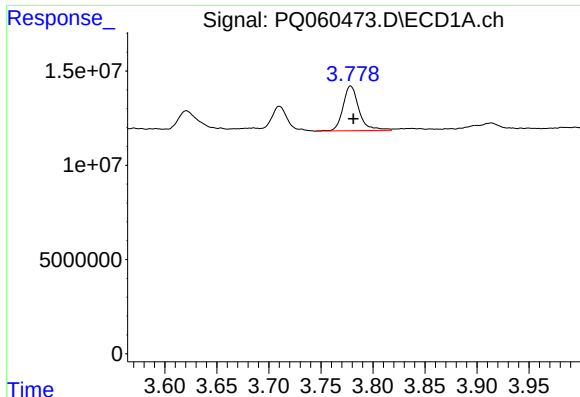
#10 AR-1221-3

R.T.: 3.779 min
Delta R.T.: -0.004 min
Response: 25431449
Conc: 48.61 ng/ml



#10 AR-1221-3

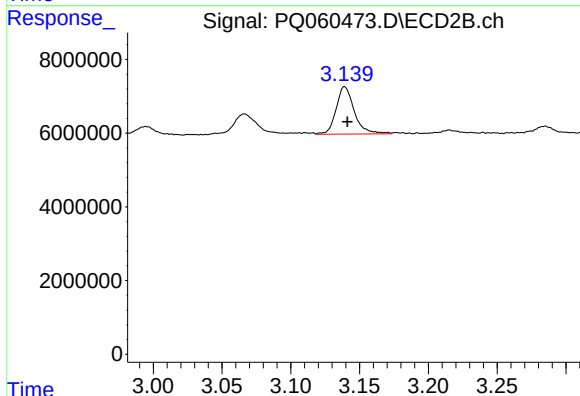
R.T.: 3.139 min
Delta R.T.: -0.003 min
Response: 11858234
Conc: 45.90 ng/ml



#11 AR-1232-1

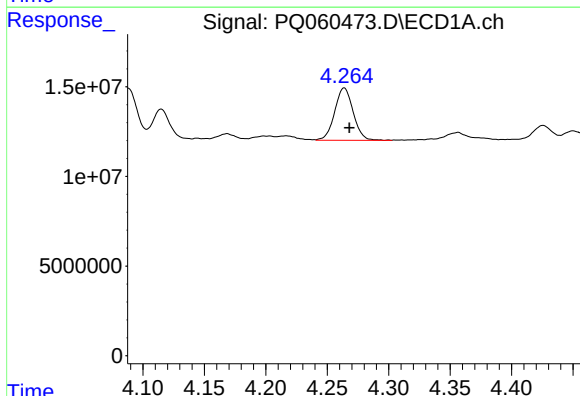
R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 25431449
Conc: 48.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



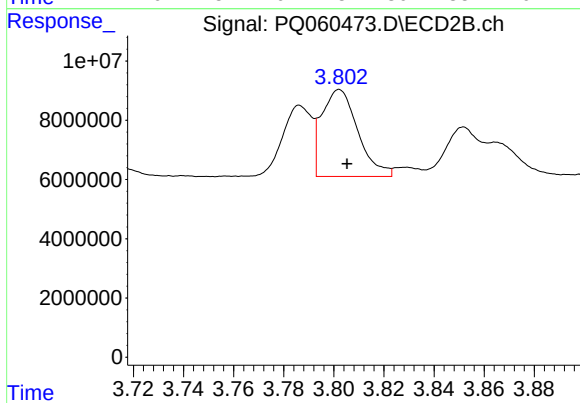
#11 AR-1232-1

R.T.: 3.139 min
Delta R.T.: -0.002 min
Response: 11858234
Conc: 44.30 ng/ml



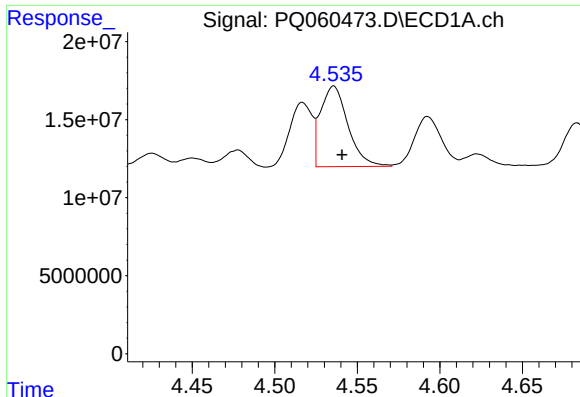
#12 AR-1232-2

R.T.: 4.264 min
Delta R.T.: -0.004 min
Response: 30644344
Conc: 114.75 ng/ml



#12 AR-1232-2

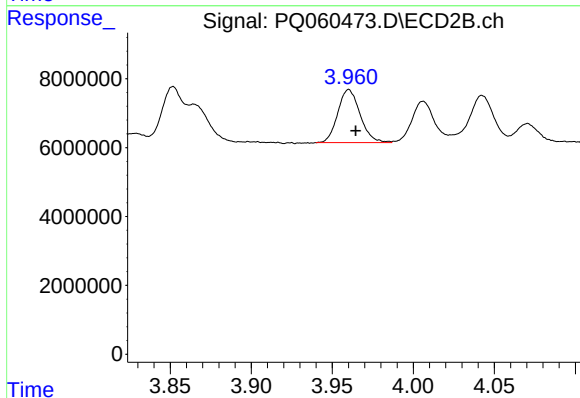
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 29474659
Conc: 109.75 ng/ml



#13 AR-1232-3

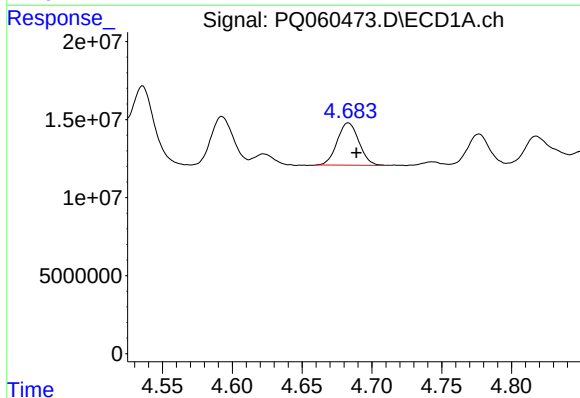
R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 59793991
Conc: 109.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



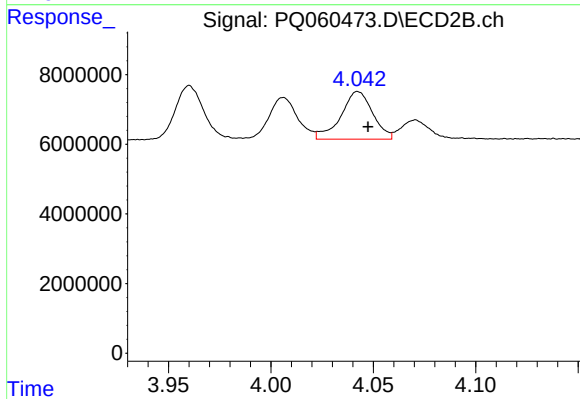
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 14785882
Conc: 106.17 ng/ml



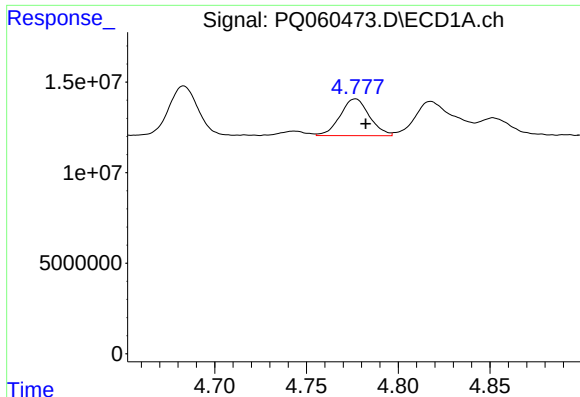
#14 AR-1232-4

R.T.: 4.683 min
Delta R.T.: -0.006 min
Response: 29475968
Conc: 109.10 ng/ml



#14 AR-1232-4

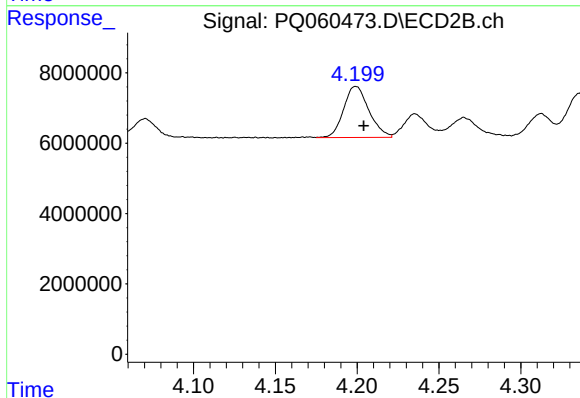
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 14836004
Conc: 125.01 ng/ml



#15 AR-1232-5

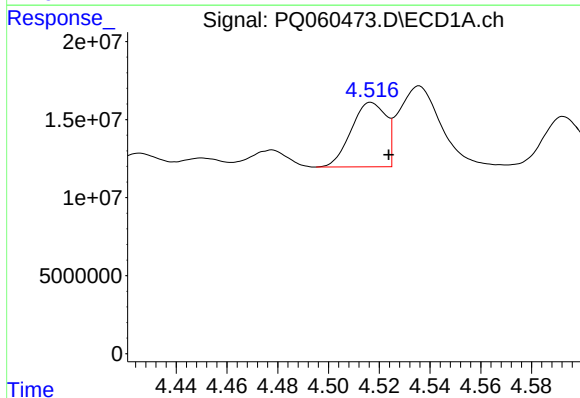
R.T.: 4.777 min
Delta R.T.: -0.006 min
Response: 22641993
Conc: 121.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



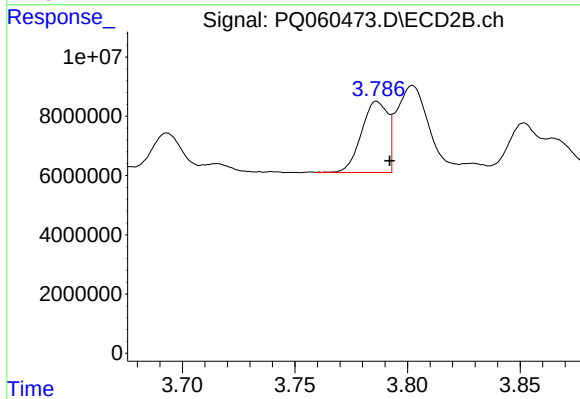
#15 AR-1232-5

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 15656992
Conc: 114.90 ng/ml



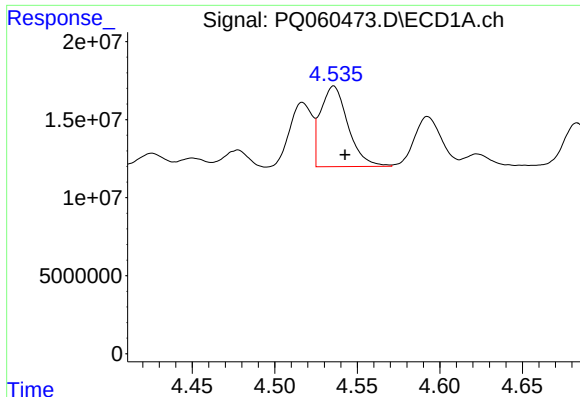
#16 AR-1242-1

R.T.: 4.517 min
Delta R.T.: -0.007 min
Response: 39267244
Conc: 63.59 ng/ml



#16 AR-1242-1

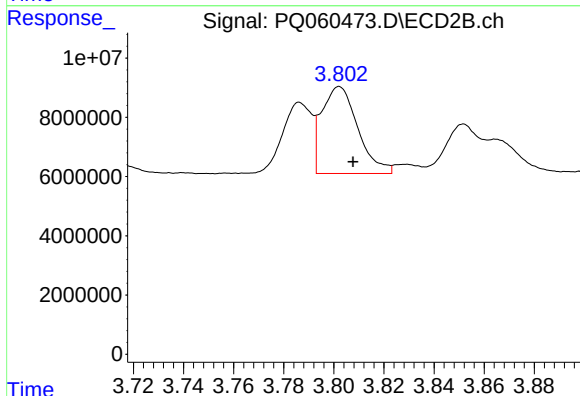
R.T.: 3.786 min
Delta R.T.: -0.006 min
Response: 19471916
Conc: 60.55 ng/ml



#17 AR-1242-2

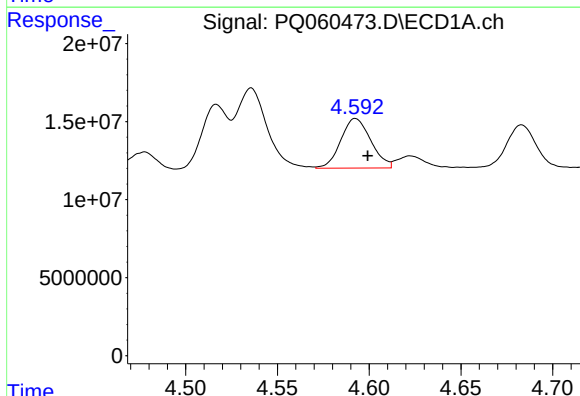
R.T.: 4.536 min
Delta R.T.: -0.007 min
Response: 59793991
Conc: 63.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



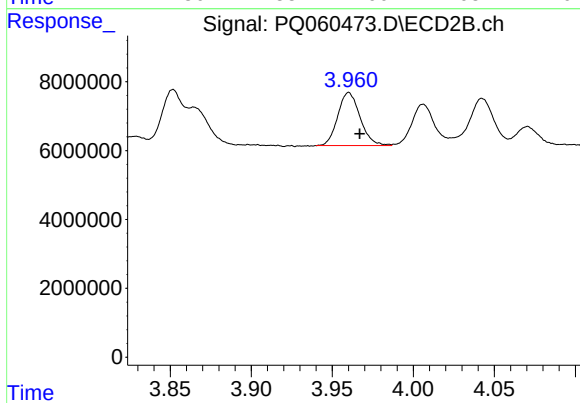
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.005 min
Response: 29474659
Conc: 61.52 ng/ml



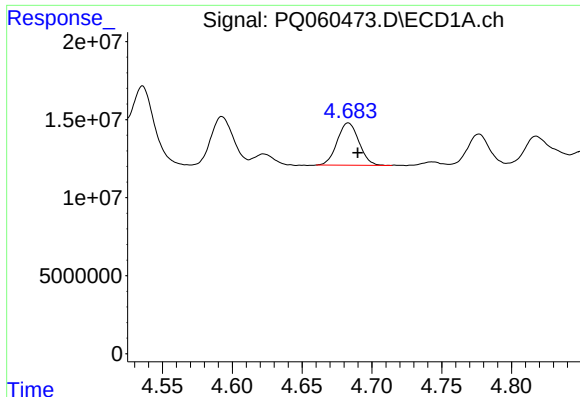
#18 AR-1242-3

R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 36273767
Conc: 62.80 ng/ml



#18 AR-1242-3

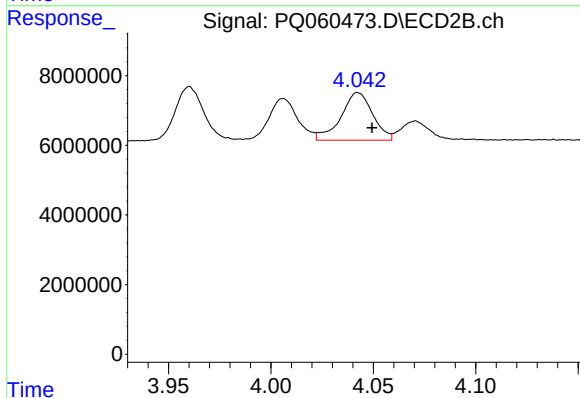
R.T.: 3.960 min
Delta R.T.: -0.007 min
Response: 14785882
Conc: 57.03 ng/ml



#19 AR-1242-4

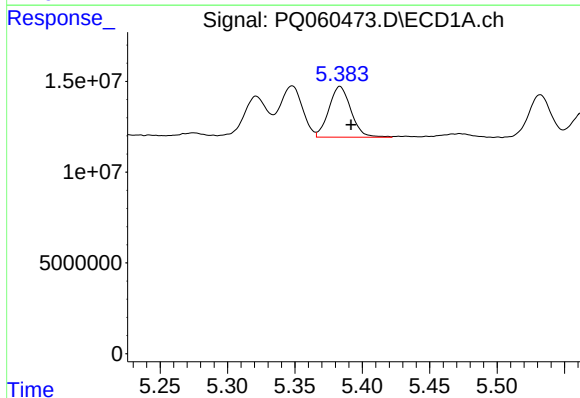
R.T.: 4.683 min
Delta R.T.: -0.007 min
Response: 29475968
Conc: 60.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



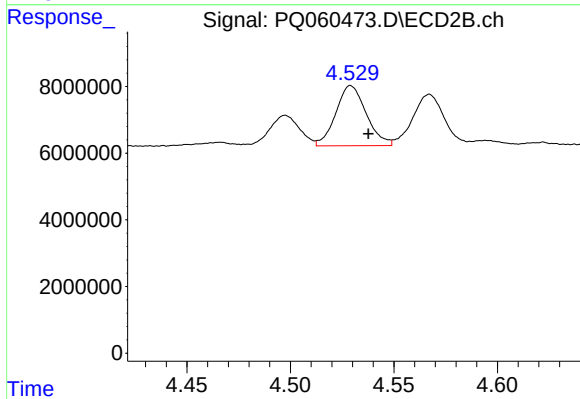
#19 AR-1242-4

R.T.: 4.042 min
Delta R.T.: -0.007 min
Response: 14836004
Conc: 61.98 ng/ml



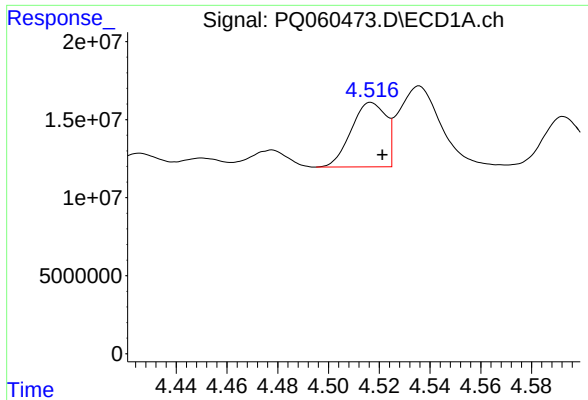
#20 AR-1242-5

R.T.: 5.383 min
Delta R.T.: -0.008 min
Response: 31919768
Conc: 64.00 ng/ml



#20 AR-1242-5

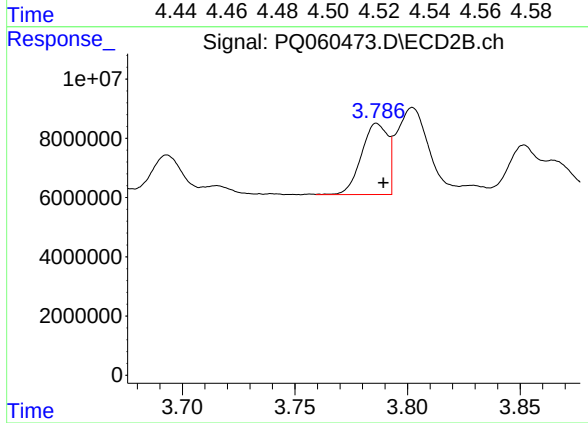
R.T.: 4.529 min
Delta R.T.: -0.008 min
Response: 18487826
Conc: 59.88 ng/ml



#21 AR-1248-1

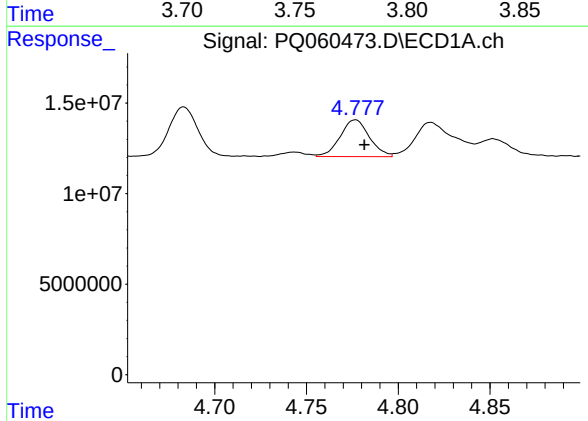
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 39267244
Conc: 82.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



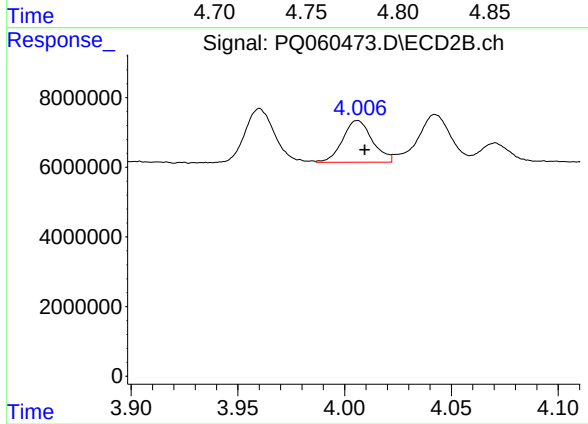
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 19471916
Conc: 79.49 ng/ml



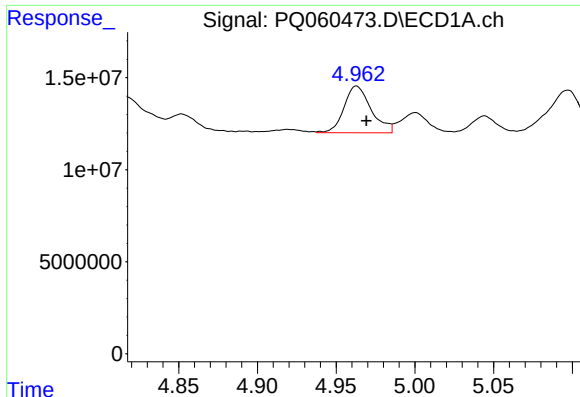
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: -0.005 min
Response: 22641993
Conc: 36.41 ng/ml



#22 AR-1248-2

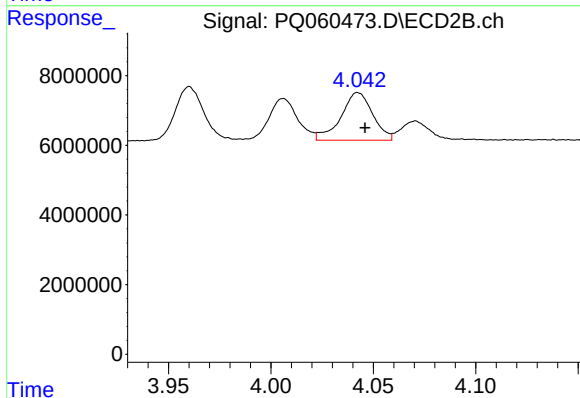
R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 11613731
Conc: 33.73 ng/ml



#23 AR-1248-3

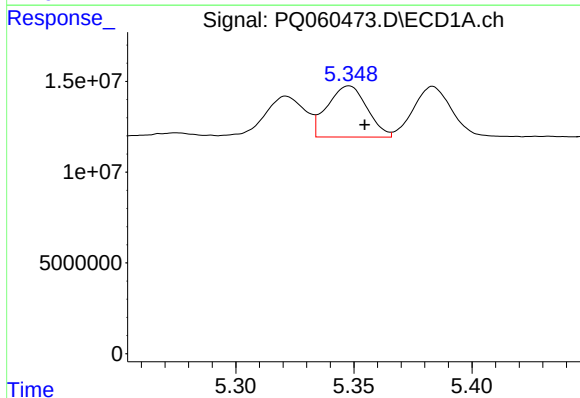
R.T.: 4.963 min
Delta R.T.: -0.006 min
Response: 30541954
Conc: 40.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



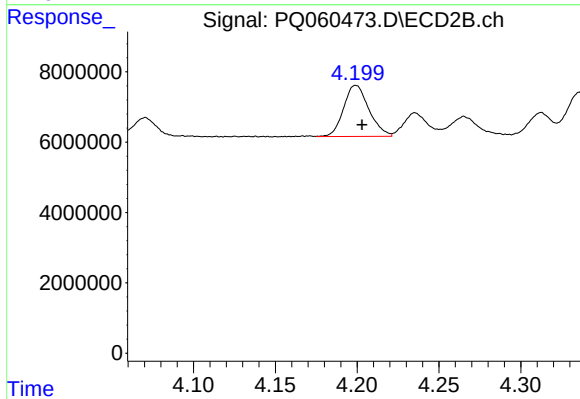
#23 AR-1248-3

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 14836004
Conc: 42.55 ng/ml



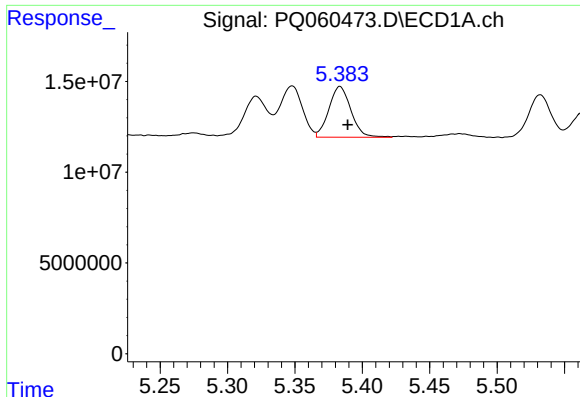
#24 AR-1248-4

R.T.: 5.348 min
Delta R.T.: -0.007 min
Response: 32900392
Conc: 39.39 ng/ml



#24 AR-1248-4

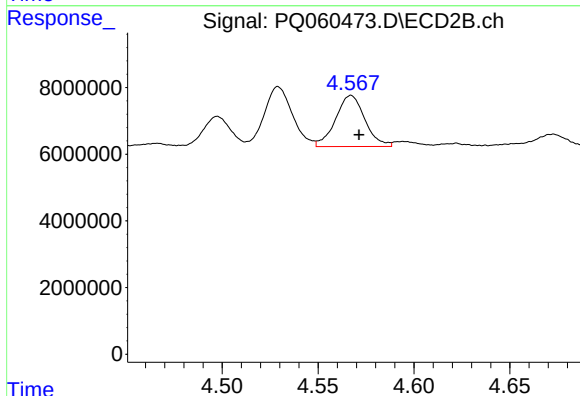
R.T.: 4.199 min
Delta R.T.: -0.004 min
Response: 15656992
Conc: 36.99 ng/ml



#25 AR-1248-5

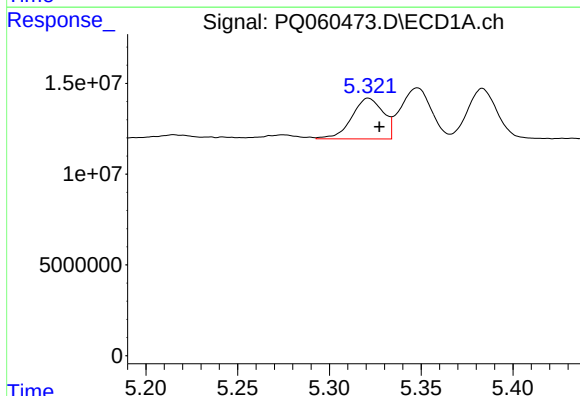
R.T.: 5.383 min
Delta R.T.: -0.006 min
Response: 31919768
Conc: 38.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



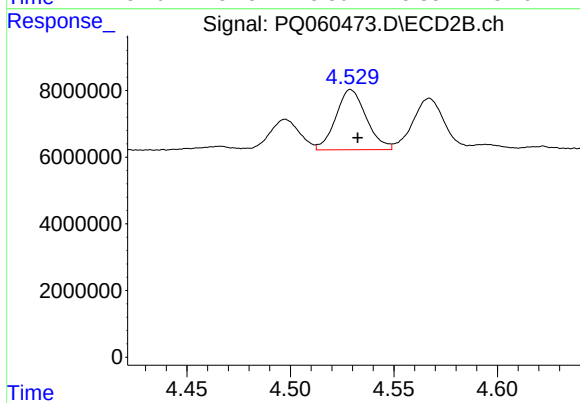
#25 AR-1248-5

R.T.: 4.567 min
Delta R.T.: -0.004 min
Response: 16397347
Conc: 38.52 ng/ml



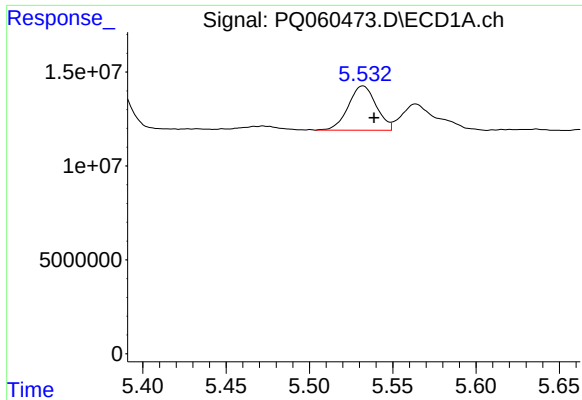
#26 AR-1254-1

R.T.: 5.321 min
Delta R.T.: -0.006 min
Response: 26847689
Conc: 32.10 ng/ml



#26 AR-1254-1

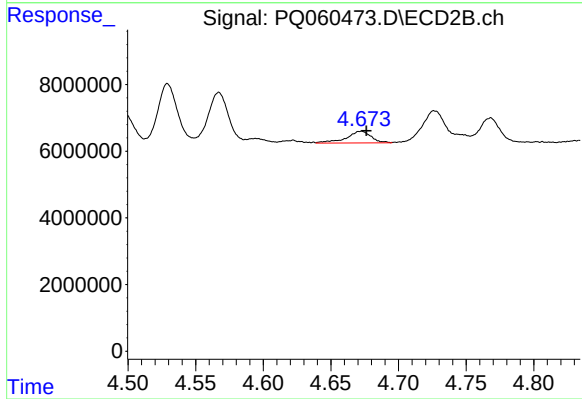
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 18487826
Conc: 28.55 ng/ml



#27 AR-1254-2

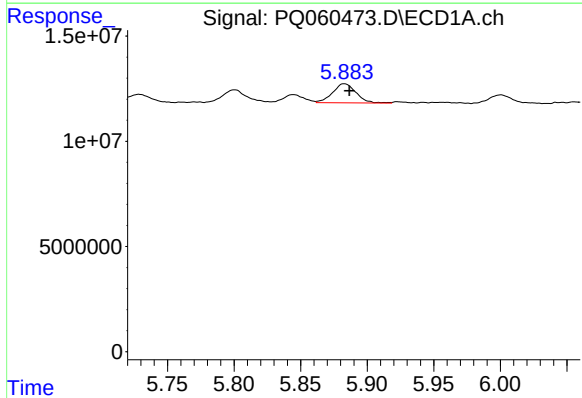
R.T.: 5.532 min
Delta R.T.: -0.007 min
Response: 27526652
Conc: 21.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



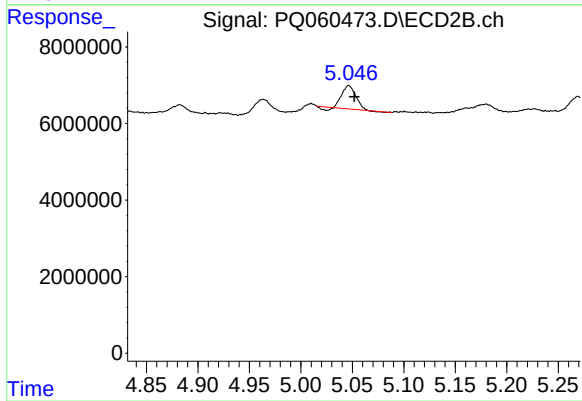
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.004 min
Response: 4442587
Conc: 8.06 ng/ml



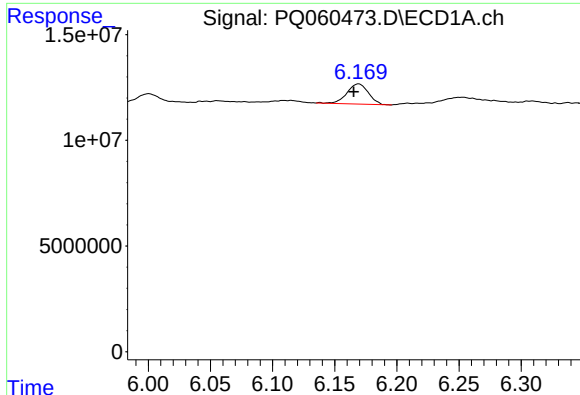
#28 AR-1254-3

R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 11089030
Conc: 8.16 ng/ml



#28 AR-1254-3

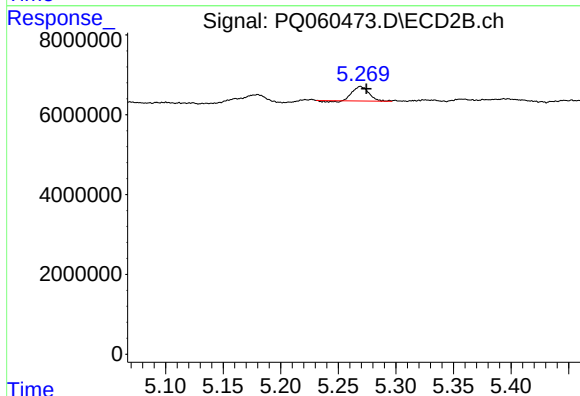
R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 5504356
Conc: 6.42 ng/ml



#29 AR-1254-4

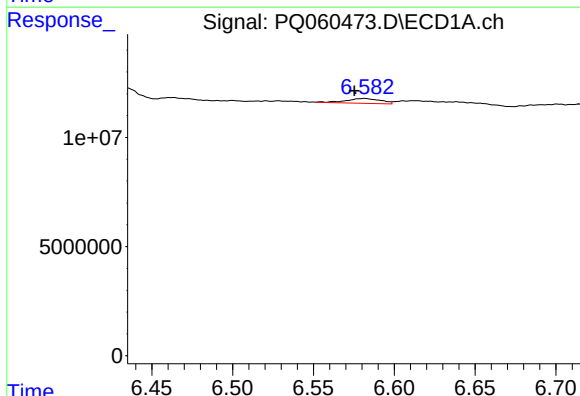
R.T.: 6.169 min
Delta R.T.: 0.004 min
Response: 11455817
Conc: 11.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



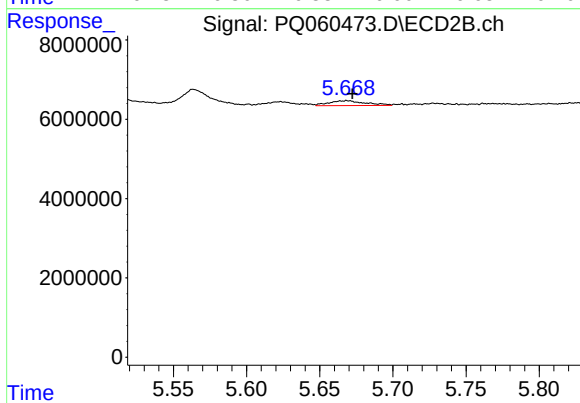
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 3450345
Conc: 6.16 ng/ml



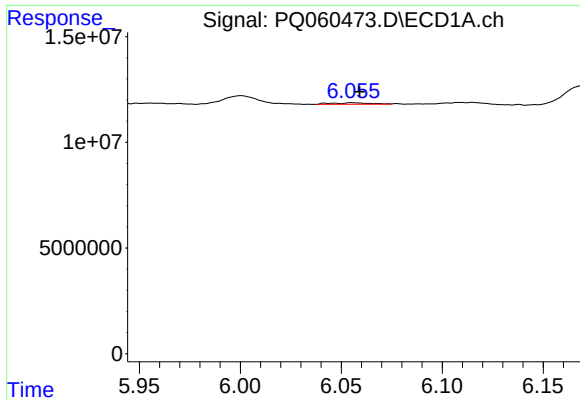
#30 AR-1254-5

R.T.: 6.582 min
Delta R.T.: 0.006 min
Response: 3293584
Conc: 3.14 ng/ml



#30 AR-1254-5

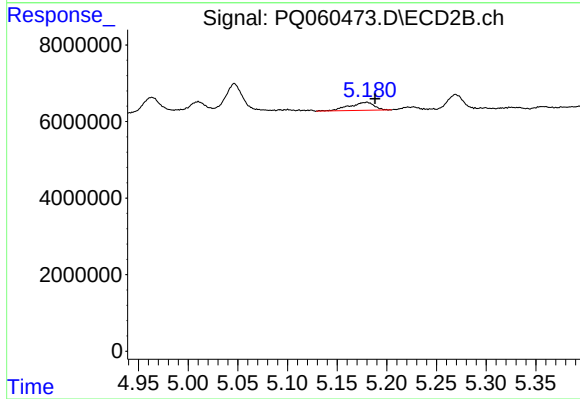
R.T.: 5.669 min
Delta R.T.: -0.004 min
Response: 2163033
Conc: 2.67 ng/ml



#31 AR-1260-1

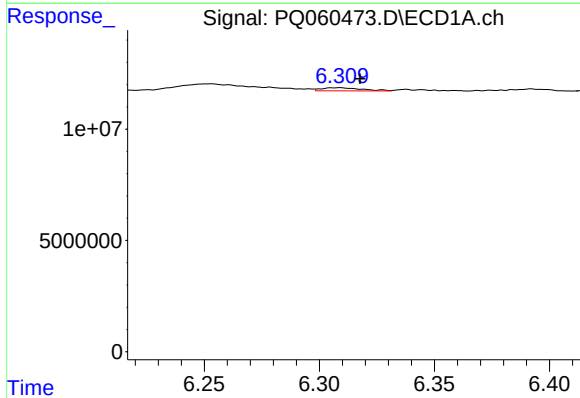
R.T.: 6.055 min
 Delta R.T.: -0.004 min
 Response: 917328
 Conc: 0.88 ng/ml

Instrument :
 ECD_Q
 ClientSampleId :



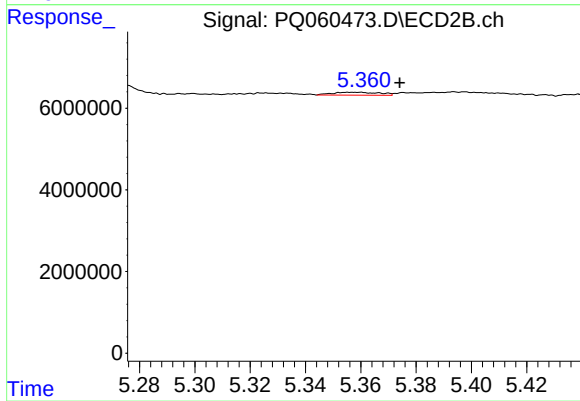
#31 AR-1260-1

R.T.: 5.180 min
 Delta R.T.: -0.008 min
 Response: 3674604
 Conc: 5.98 ng/ml



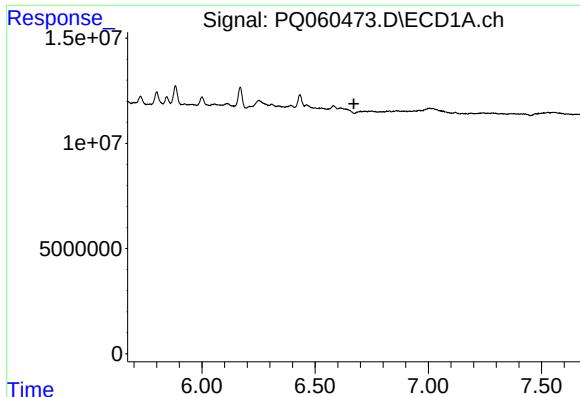
#32 AR-1260-2

R.T.: 6.309 min
 Delta R.T.: -0.009 min
 Response: 1651119
 Conc: 1.33 ng/ml



#32 AR-1260-2

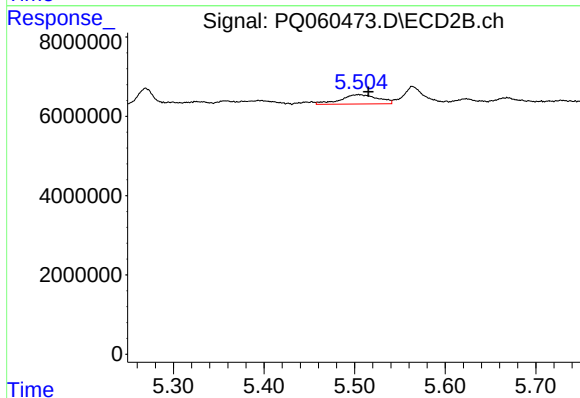
R.T.: 5.357 min
 Delta R.T.: -0.017 min
 Response: 850835
 Conc: 1.14 ng/ml



#33 AR-1260-3

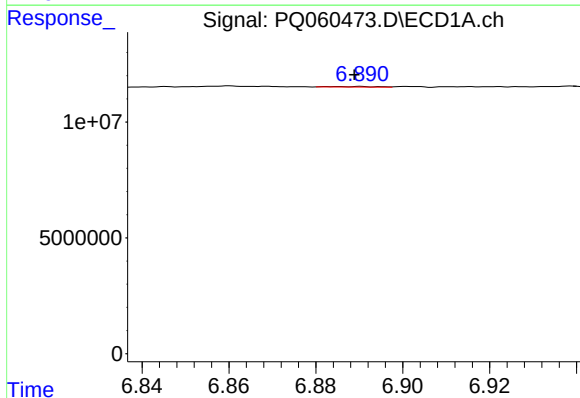
R.T.: 0.000 min
Exp R.T.: 6.671 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



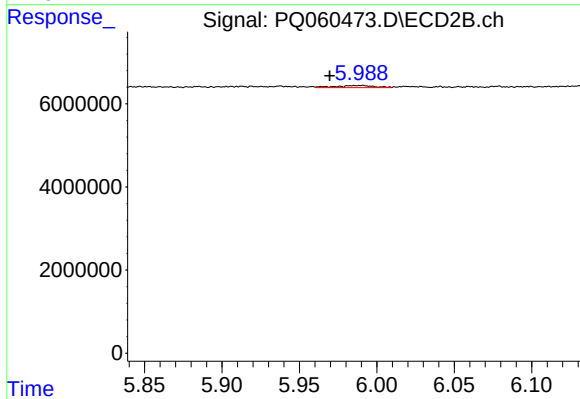
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: -0.011 min
Response: 6752247
Conc: 9.29 ng/ml



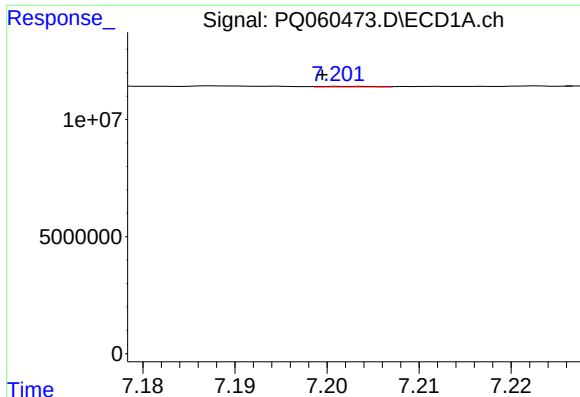
#34 AR-1260-4

R.T.: 6.890 min
Delta R.T.: 0.001 min
Response: 176533
Conc: 0.18 ng/ml



#34 AR-1260-4

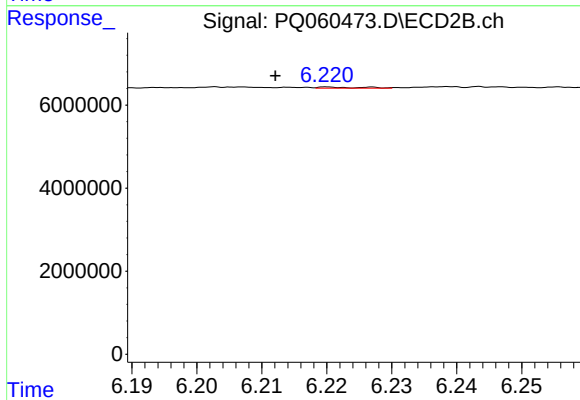
R.T.: 5.990 min
Delta R.T.: 0.021 min
Response: 863884
Conc: 1.47 ng/ml



#35 AR-1260-5

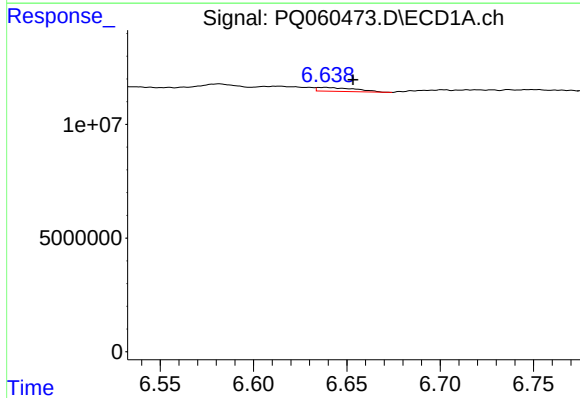
R.T.: 7.203 min
Delta R.T.: 0.003 min
Response: 107557
Conc: 0.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



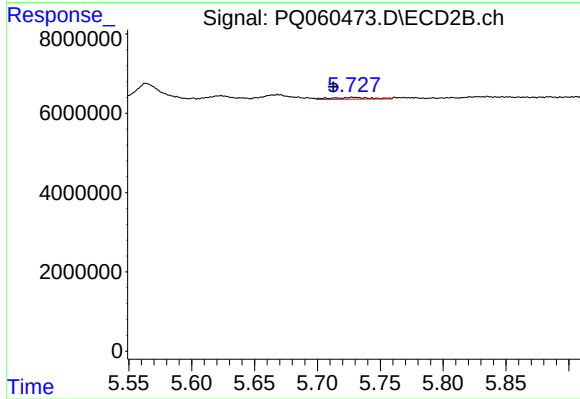
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: 0.008 min
Response: 126853
Conc: 0.09 ng/ml



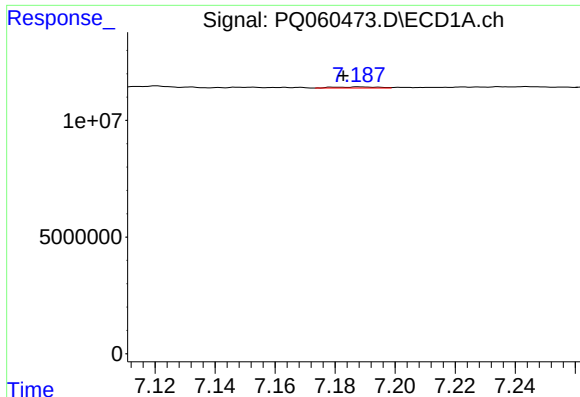
#36 AR-1262-1

R.T.: 6.638 min
Delta R.T.: -0.015 min
Response: 2379359
Conc: 2.07 ng/ml



#36 AR-1262-1

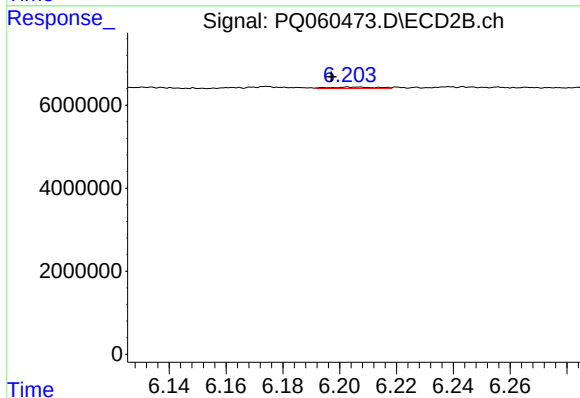
R.T.: 5.728 min
Delta R.T.: 0.015 min
Response: 931607
Conc: 1.19 ng/ml



#37 AR-1262-2

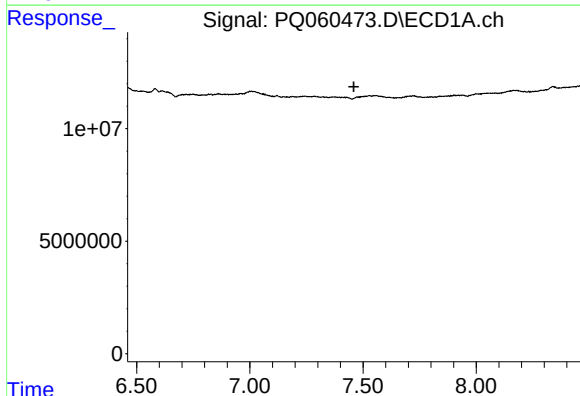
R.T.: 7.188 min
Delta R.T.: 0.006 min
Response: 432129
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



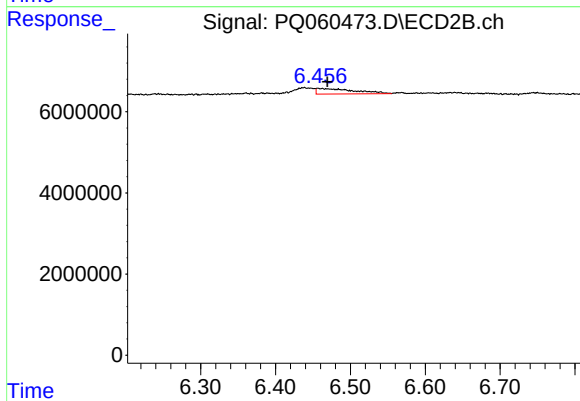
#37 AR-1262-2

R.T.: 6.203 min
Delta R.T.: 0.006 min
Response: 354326
Conc: 0.25 ng/ml



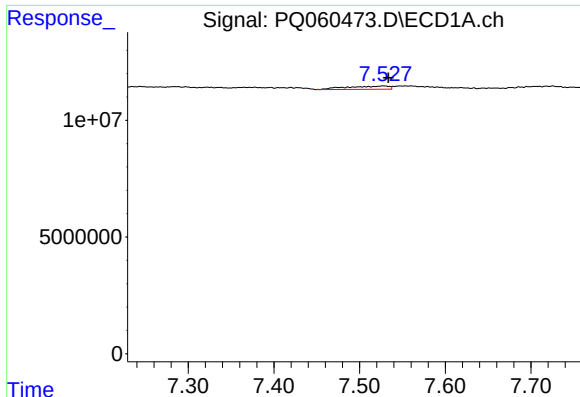
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.460 min
Response: 0
Conc: N.D.



#38 AR-1262-3

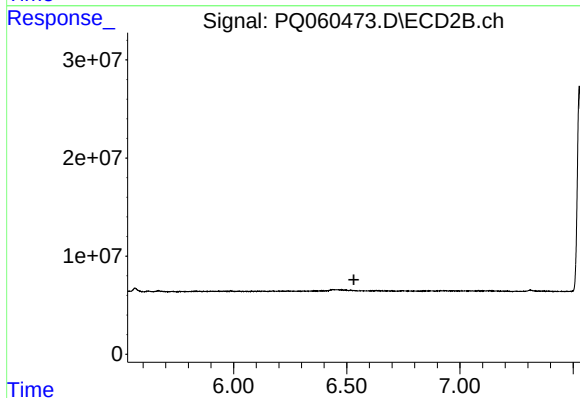
R.T.: 6.456 min
Delta R.T.: -0.013 min
Response: 4745951
Conc: 8.36 ng/ml



#39 AR-1262-4

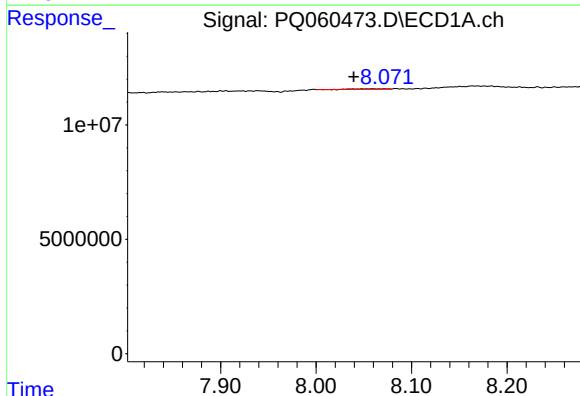
R.T.: 7.528 min
Delta R.T.: -0.006 min
Response: 4857522
Conc: 4.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



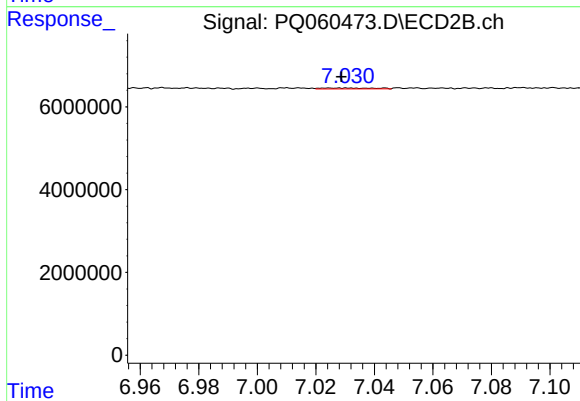
#39 AR-1262-4

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



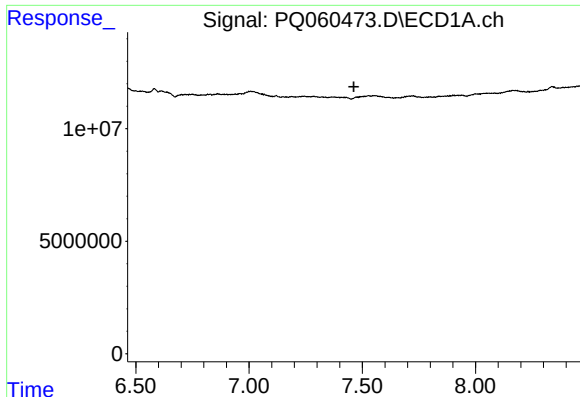
#40 AR-1262-5

R.T.: 8.048 min
Delta R.T.: 0.009 min
Response: 393903
Conc: 0.61 ng/ml



#40 AR-1262-5

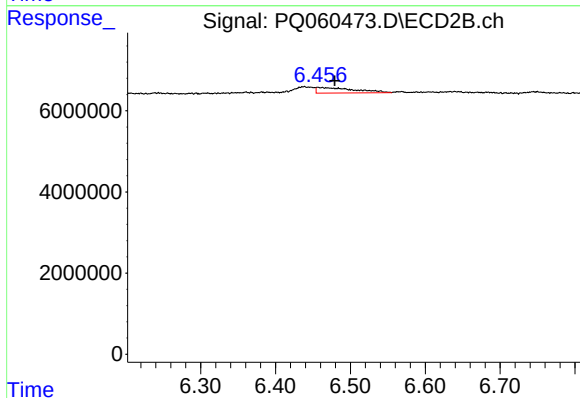
R.T.: 7.030 min
Delta R.T.: 0.001 min
Response: 267963
Conc: 0.52 ng/ml



#41 AR-1268-1

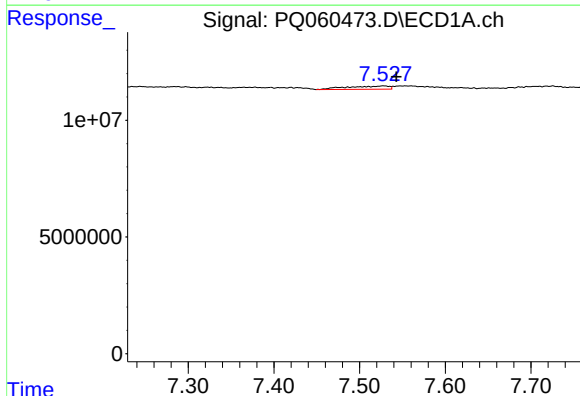
R.T.: 0.000 min
Exp R.T.: 7.463 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



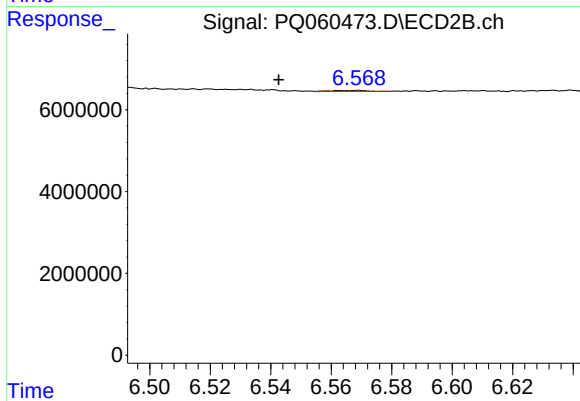
#41 AR-1268-1

R.T.: 6.456 min
Delta R.T.: -0.023 min
Response: 4745951
Conc: 2.80 ng/ml



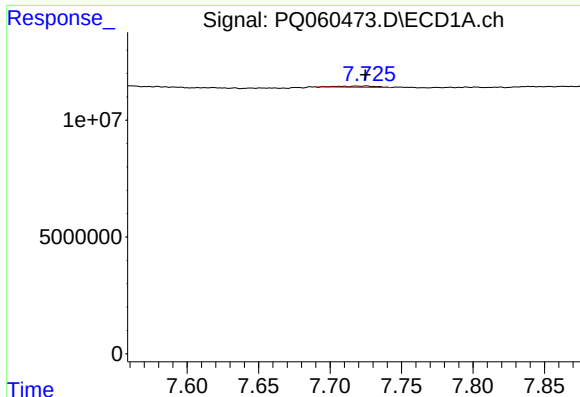
#42 AR-1268-2

R.T.: 7.528 min
Delta R.T.: -0.015 min
Response: 4857522
Conc: 2.29 ng/ml



#42 AR-1268-2

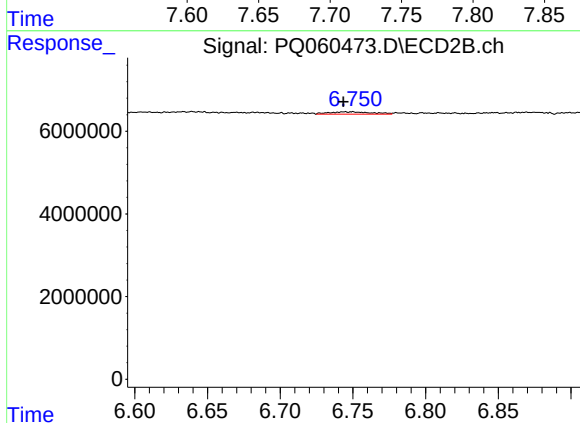
R.T.: 6.569 min
Delta R.T.: 0.026 min
Response: 186895
Conc: 0.12 ng/ml



#43 AR-1268-3

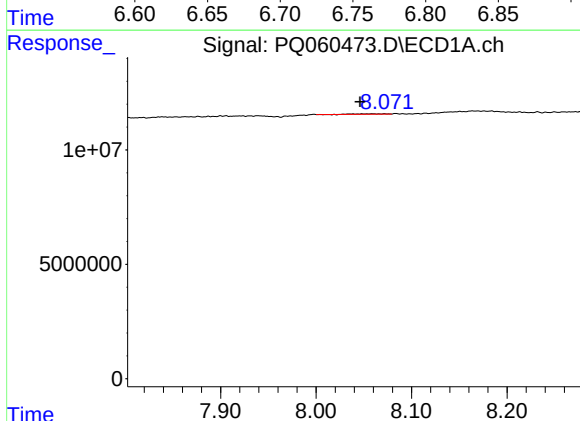
R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 888794
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



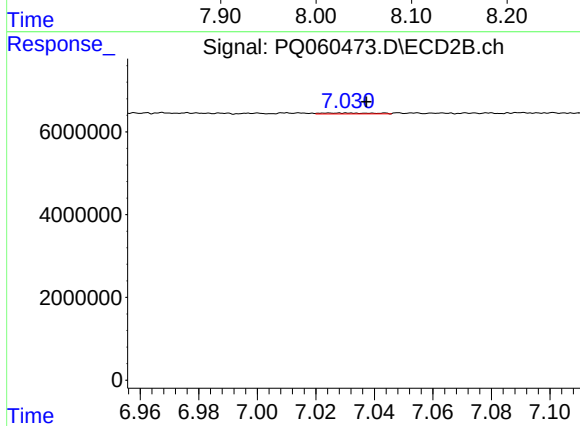
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: 0.006 min
Response: 1141450
Conc: 0.84 ng/ml



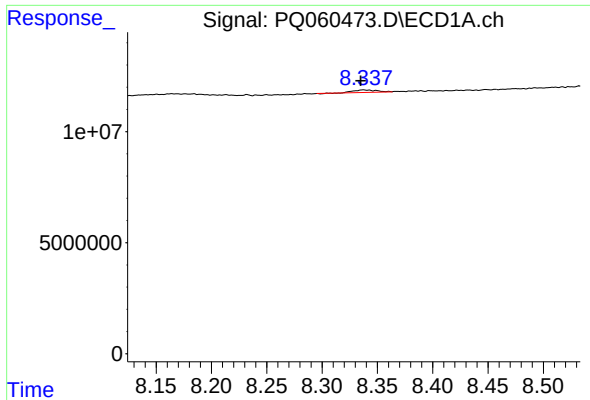
#44 AR-1268-4

R.T.: 8.048 min
Delta R.T.: 0.002 min
Response: 393903
Conc: 0.53 ng/ml



#44 AR-1268-4

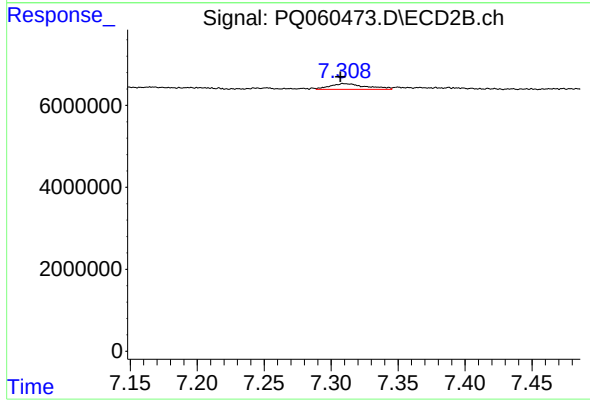
R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 267963
Conc: 0.45 ng/ml



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: 0.002 min
Response: 1717011
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: 0.003 min
Response: 2640585
Conc: 0.62 ng/ml