

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062123\
 Data File : PQ061597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 09:16
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 17:06:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.406	2.759	223.1E6	120.2E6	49.642	45.024
2)	SA Decachlor...	8.585	7.531	166.2E6	158.7E6	49.344	47.291
Target Compounds							
3)	L1 AR-1016-1	4.506	3.761	59448341	36423250	386.158	353.139
4)	L1 AR-1016-2	4.525	3.777	86753616	52273359	380.224	350.865
5)	L1 AR-1016-3	4.582	3.937	54283523	27953053	382.005	353.721
6)	L1 AR-1016-4	4.675	3.986	45029506	25444324	391.092	358.333
7)	L1 AR-1016-5	4.962	4.181	46649472	31849885	403.638	372.019
8)	L2 AR-1221-1	3.603	2.960	6516596	3800883	116.138	106.748
9)	L2 AR-1221-2	3.685	3.037	9999419	5729769	236.952	208.034
10)	L2 AR-1221-3	3.754	3.105	34633626	20049702	264.215	236.601
11)	L3 AR-1232-1	3.754	3.105	34633626	20049702	362.320	325.573
12)	L3 AR-1232-2	4.247	3.777	45088224	52273359	820.745	758.710
13)	L3 AR-1232-3	4.525	3.937	86753616	27953053	830.497	773.034
14)	L3 AR-1232-4	4.675	4.023	45029506	27616047	848.692	856.820
15)	L3 AR-1232-5	4.772	4.181	36397614	31849885	965.135	831.062
16)	L4 AR-1242-1	4.506	3.761	59448341	36423250	523.919	475.566
17)	L4 AR-1242-2	4.525	3.777	86753616	52273359	510.921	471.679
18)	L4 AR-1242-3	4.582	3.937	54283523	27953053	507.414	472.320
19)	L4 AR-1242-4	4.675	4.023	45029506	27616047	518.832	461.147
20)	L4 AR-1242-5	5.390	4.517	46359548	38564461	522.724	481.635
21)	L5 AR-1248-1	4.506	3.761	59448341	36423250	659.775	585.248
22)	L5 AR-1248-2	4.772	3.986	36397614	25444324	286.313	263.246
23)	L5 AR-1248-3	4.962	4.023	46649472	27616047	302.839	302.101
24)	L5 AR-1248-4	5.355	4.181	45468961	31849885	267.860	281.282
25)	L5 AR-1248-5	5.390	4.554	46359548	30049574	282.976	272.841
26)	L6 AR-1254-1	5.327	4.517	37688327	38564461	220.656	234.511
27)	L6 AR-1254-2	5.542	4.663	45232568	11199771	169.167	74.464 #
28)	L6 AR-1254-3	5.899	5.045	22454410	16791861	80.354	72.161
29)	L6 AR-1254-4	6.184	5.271	16351003	11482984	79.884	79.926
30)	L6 AR-1254-5	6.596	5.677	8689496	7863943	36.838	34.474
31)	L7 AR-1260-1	6.064	5.176	4277128	7605650	19.251	44.216 #
32)	L7 AR-1260-2	6.324	5.364	5123987	3500606	19.260	16.892
33)	L7 AR-1260-3	6.652f	5.501	937263	3956762	5.574	19.922 #
34)	L7 AR-1260-4	6.874	5.966	3448193	437288	17.181	2.973 #
35)	L7 AR-1260-5	7.207	6.214	1114457	968383	2.928	2.982
36)	L8 AR-1262-1	6.652f	5.739	937263	872450	3.131	3.600
37)	L8 AR-1262-2	7.207	6.214	1114457	968383	2.210	2.216
38)	L8 AR-1262-3	7.487	6.498	1413199	219554	4.182	1.218 #
39)	L8 AR-1262-4	7.555	6.547	106170	1514618	0.413	4.567 #
40)	L8 AR-1262-5	8.103f	7.043	49779	526522	0.292	3.282 #
41)	L9 AR-1268-1	7.487	6.498	1413199	219554	2.566	0.447 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062123\
 Data File : PQ061597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 09:16
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

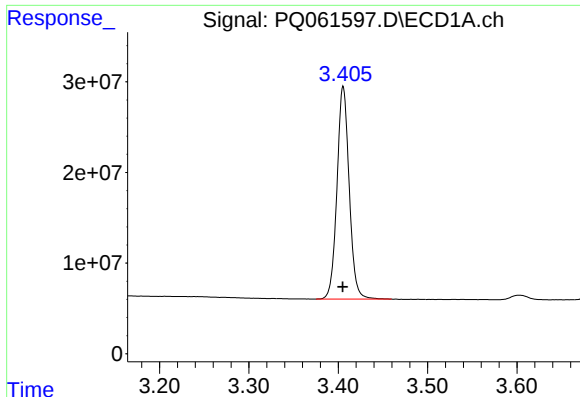
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 17:06:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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
42) L9	AR-1268-2	7.555	6.547	106170	1514618	0.215	3.404 #
43) L9	AR-1268-3	7.738	6.753	305512	825295	0.741	2.108 #
44) L9	AR-1268-4	8.103f	7.043	49779	526522	0.281	3.136 #
45) L9	AR-1268-5	8.351	7.313	929969	1369774	0.782	1.105 #

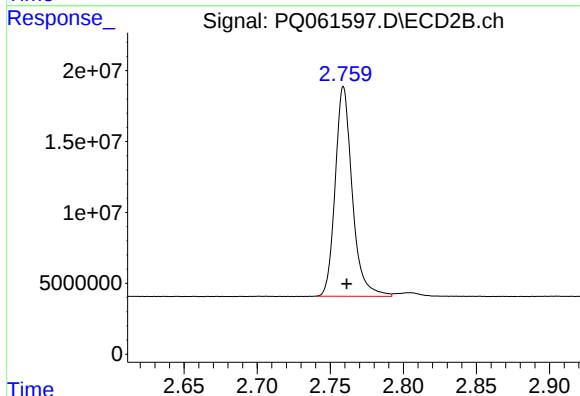
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

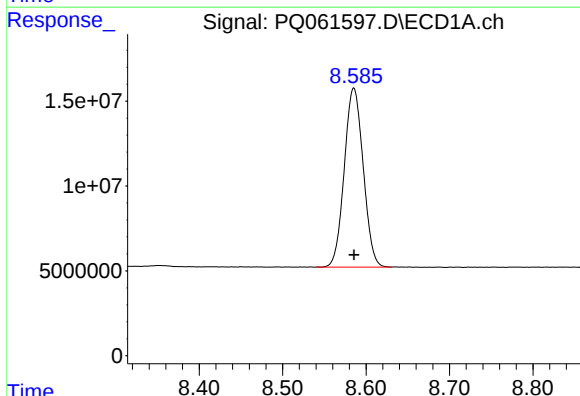
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 223140536
Conc: 49.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



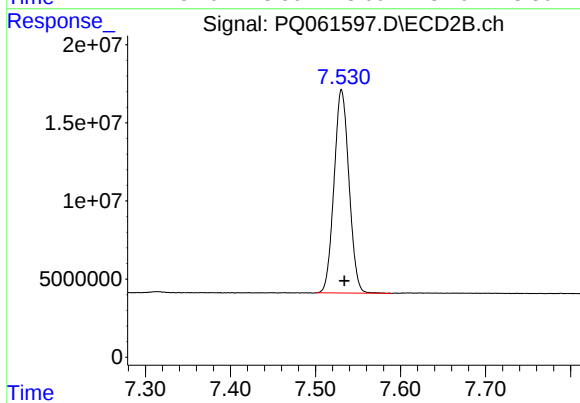
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 120230309
Conc: 45.02 ng/ml



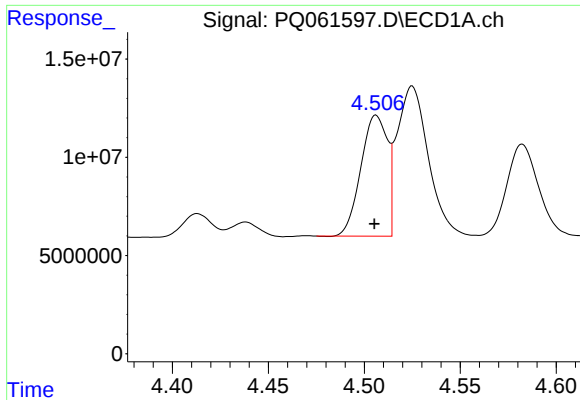
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 166224473
Conc: 49.34 ng/ml



#2 Decachlorobiphenyl

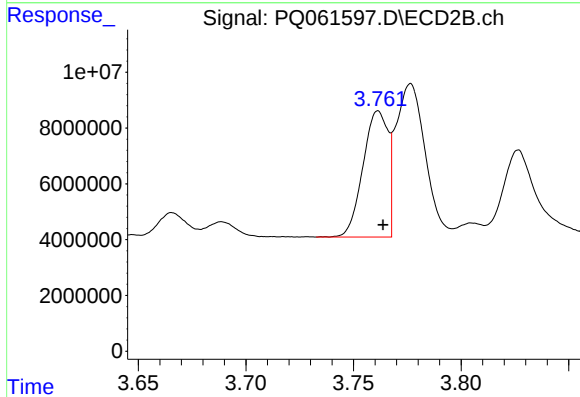
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 158732484
Conc: 47.29 ng/ml



#3 AR-1016-1

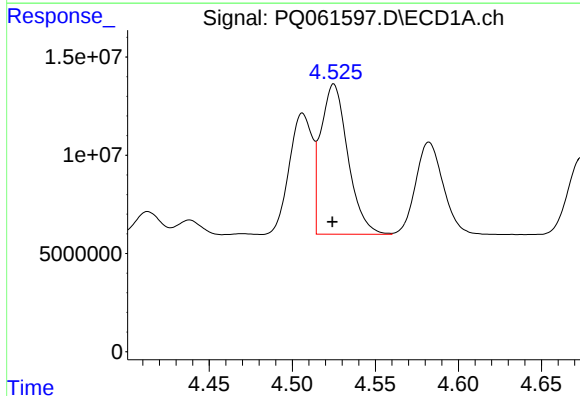
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 59448341
Conc: 386.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



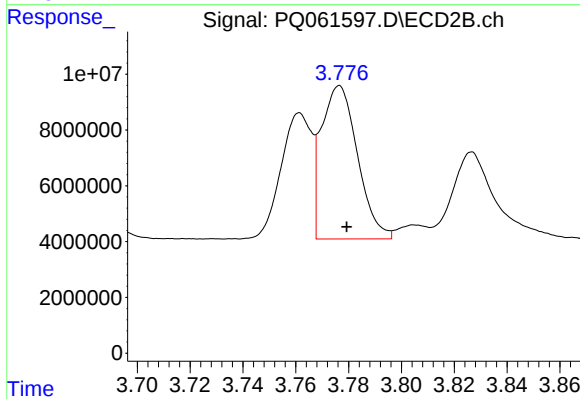
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 36423250
Conc: 353.14 ng/ml



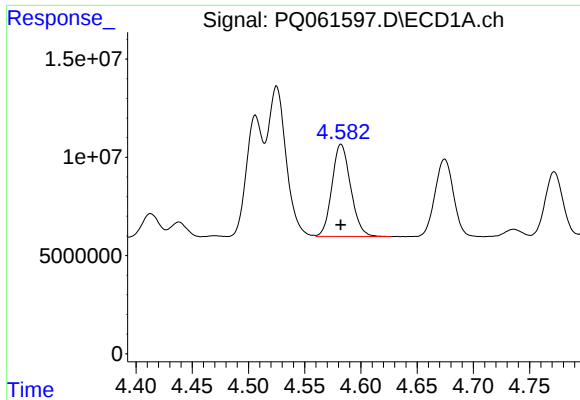
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 86753616
Conc: 380.22 ng/ml



#4 AR-1016-2

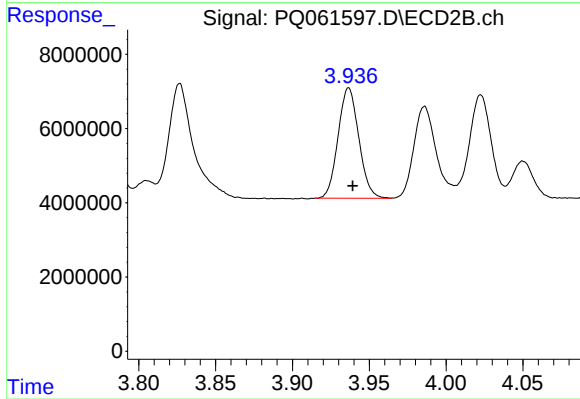
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 52273359
Conc: 350.86 ng/ml



#5 AR-1016-3

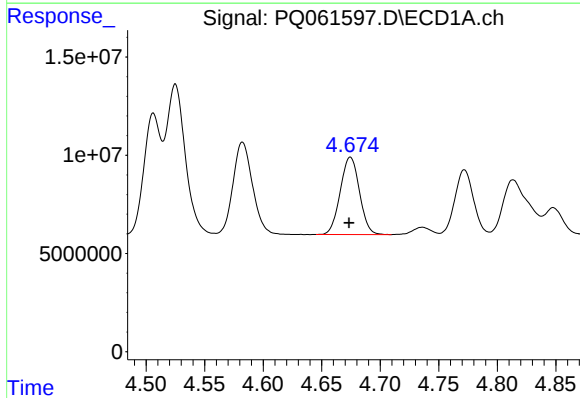
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 54283523
Conc: 382.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



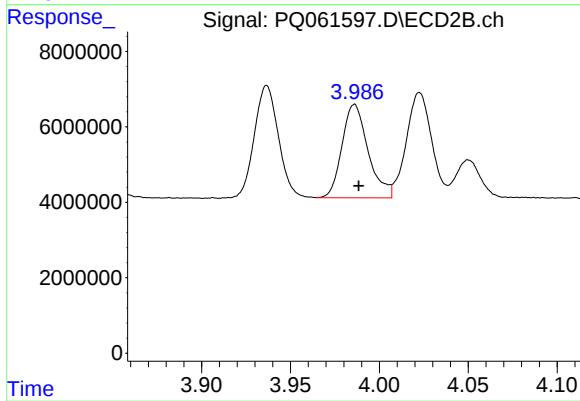
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 27953053
Conc: 353.72 ng/ml



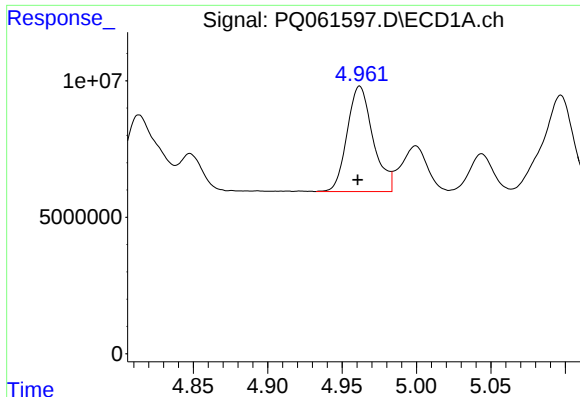
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 45029506
Conc: 391.09 ng/ml



#6 AR-1016-4

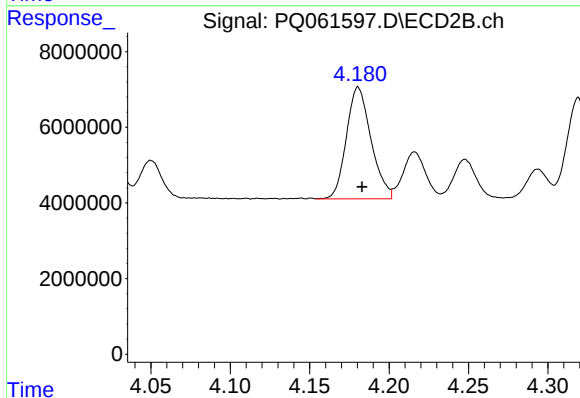
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 25444324
Conc: 358.33 ng/ml



#7 AR-1016-5

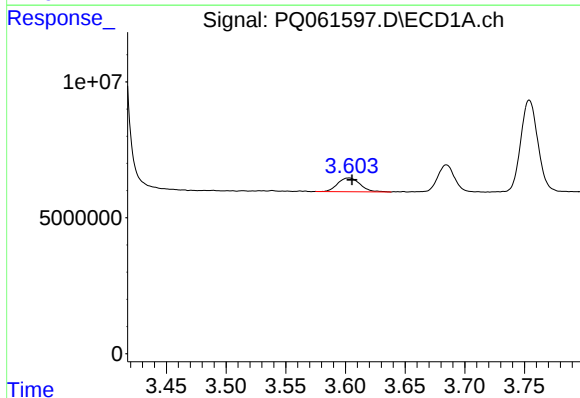
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 46649472
Conc: 403.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



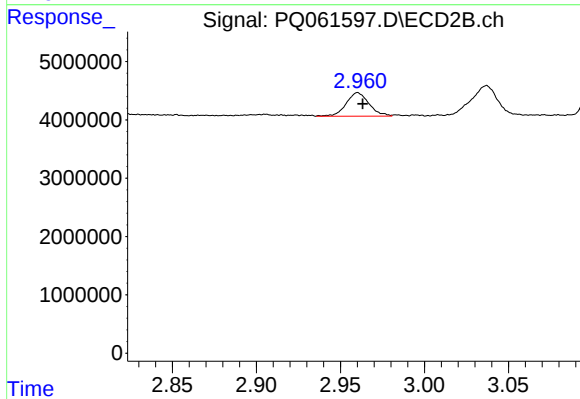
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.003 min
Response: 31849885
Conc: 372.02 ng/ml



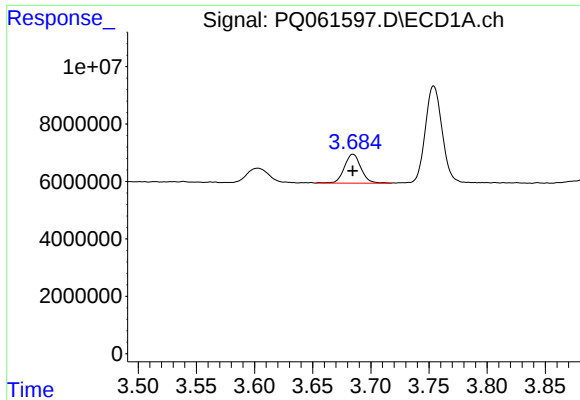
#8 AR-1221-1

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 6516596
Conc: 116.14 ng/ml



#8 AR-1221-1

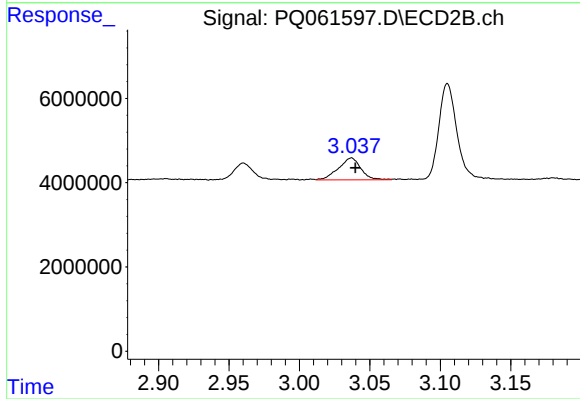
R.T.: 2.960 min
Delta R.T.: -0.003 min
Response: 3800883
Conc: 106.75 ng/ml



#9 AR-1221-2

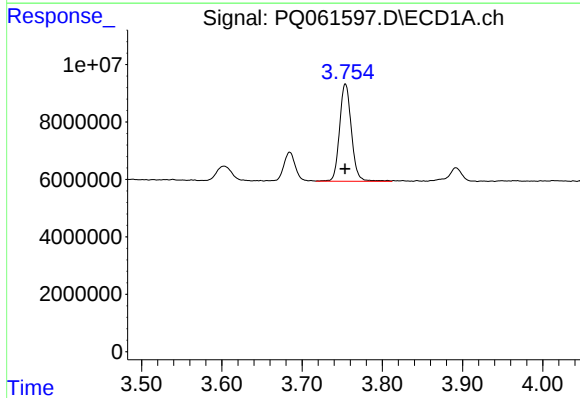
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 9999419
Conc: 236.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



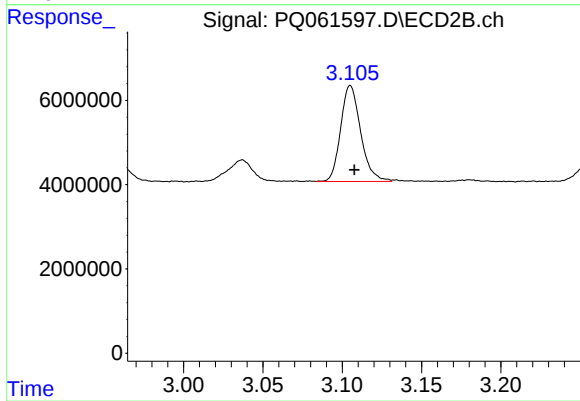
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: -0.003 min
Response: 5729769
Conc: 208.03 ng/ml



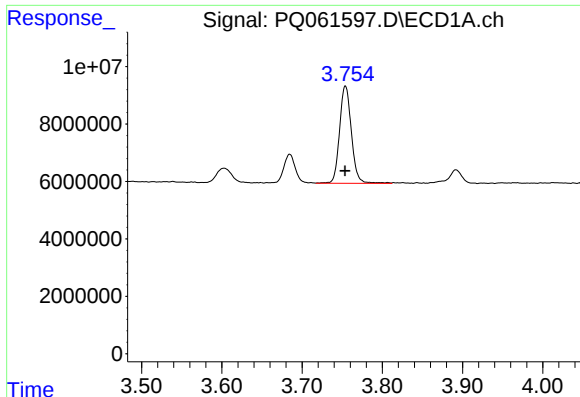
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 34633626
Conc: 264.21 ng/ml



#10 AR-1221-3

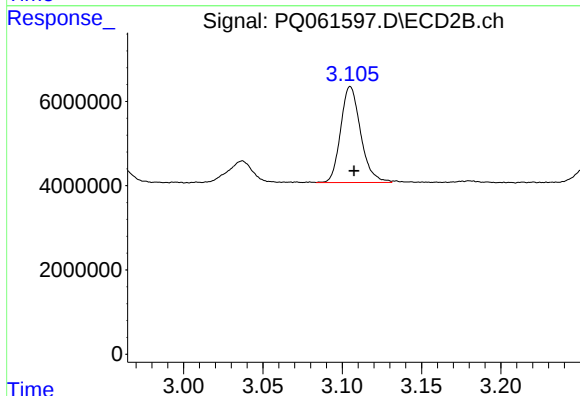
R.T.: 3.105 min
Delta R.T.: -0.003 min
Response: 20049702
Conc: 236.60 ng/ml



#11 AR-1232-1

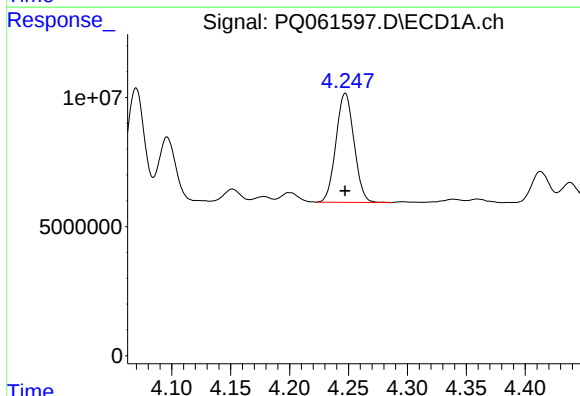
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 34633626
Conc: 362.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



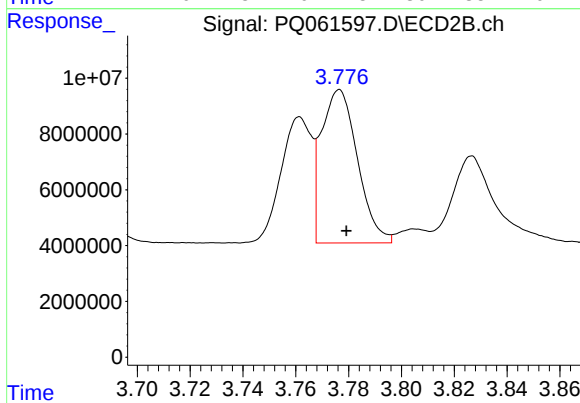
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 20049702
Conc: 325.57 ng/ml



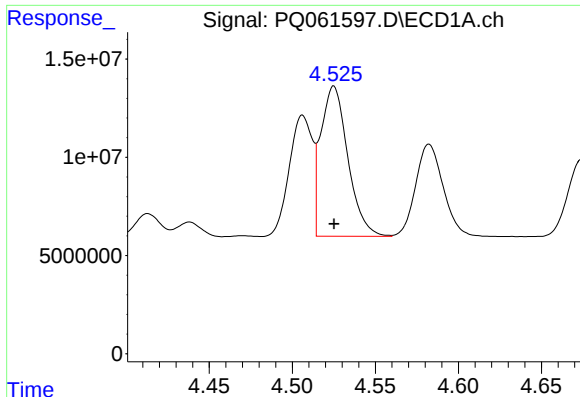
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 45088224
Conc: 820.75 ng/ml



#12 AR-1232-2

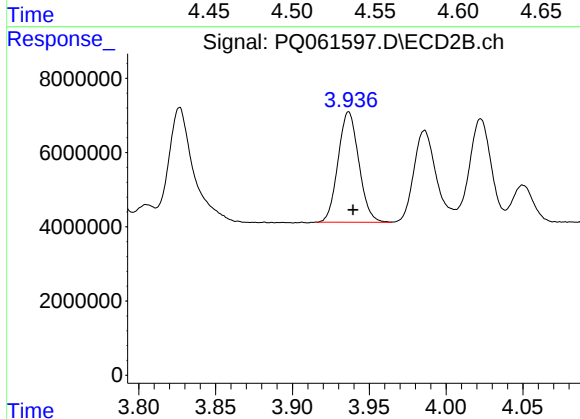
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 52273359
Conc: 758.71 ng/ml



#13 AR-1232-3

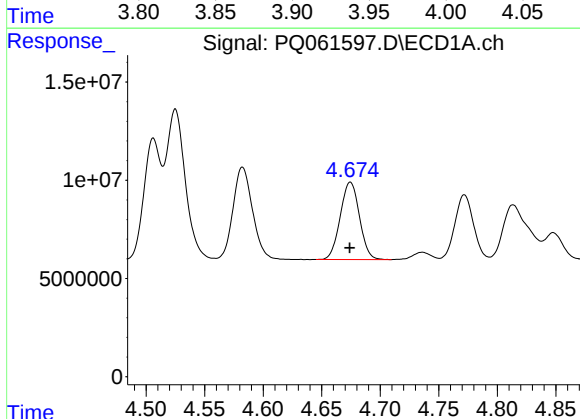
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 86753616
Conc: 830.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



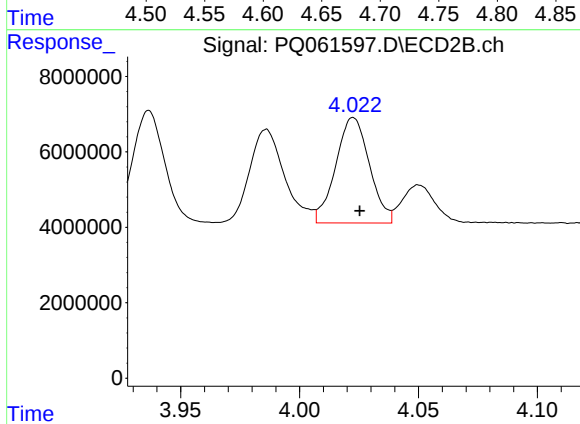
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 27953053
Conc: 773.03 ng/ml



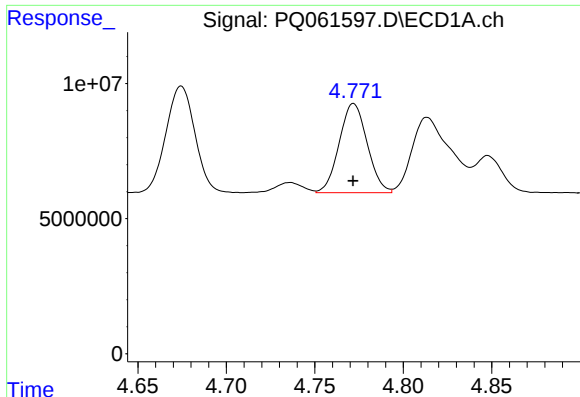
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 45029506
Conc: 848.69 ng/ml



#14 AR-1232-4

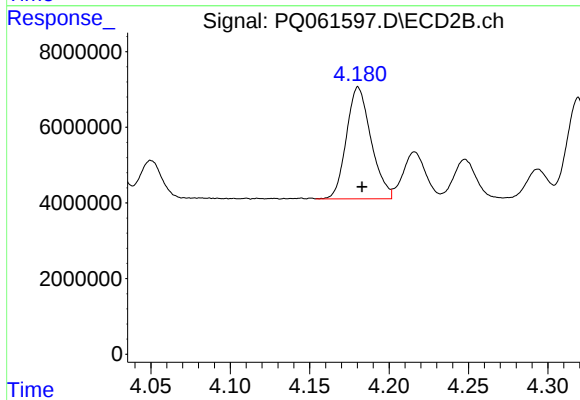
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 27616047
Conc: 856.82 ng/ml



#15 AR-1232-5

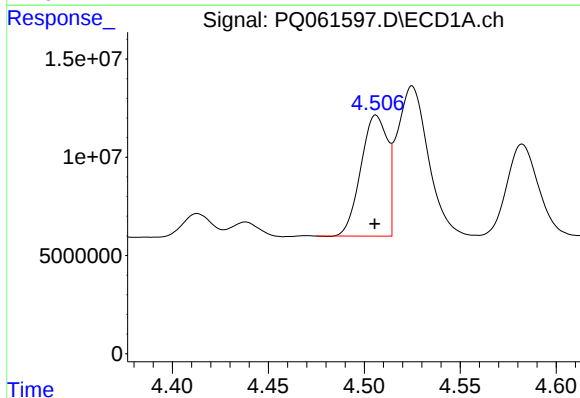
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 36397614
Conc: 965.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



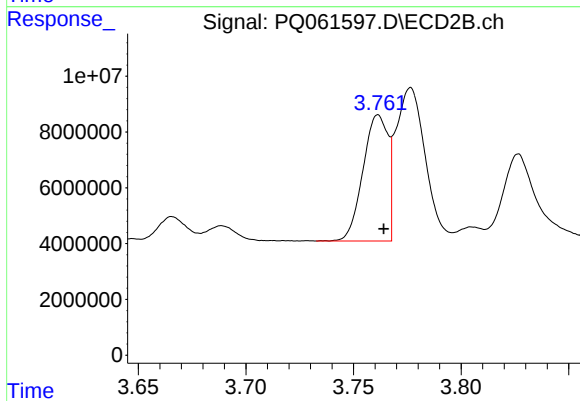
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.003 min
Response: 31849885
Conc: 831.06 ng/ml



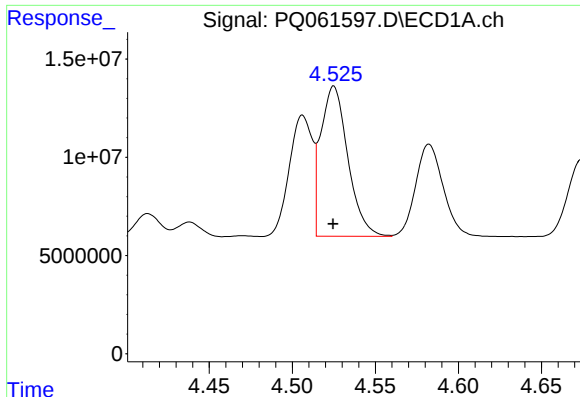
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 59448341
Conc: 523.92 ng/ml



#16 AR-1242-1

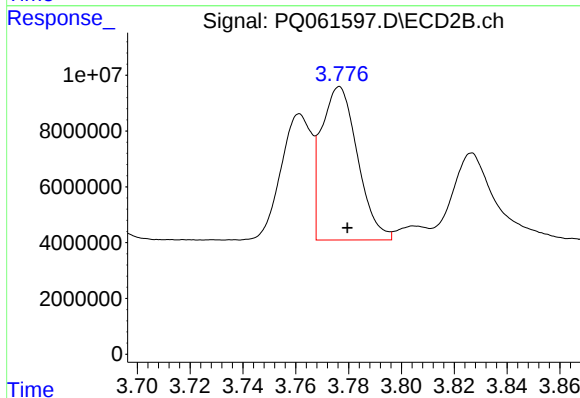
R.T.: 3.761 min
Delta R.T.: -0.003 min
Response: 36423250
Conc: 475.57 ng/ml



#17 AR-1242-2

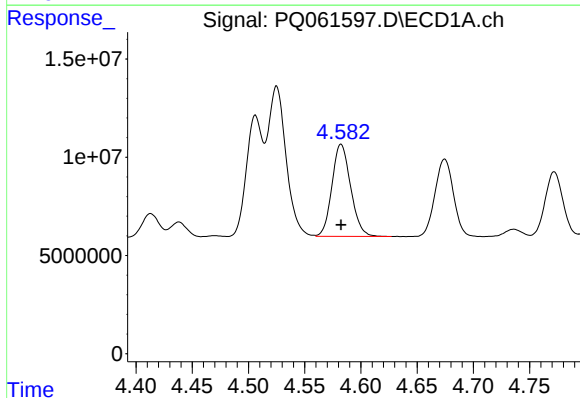
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 86753616
Conc: 510.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



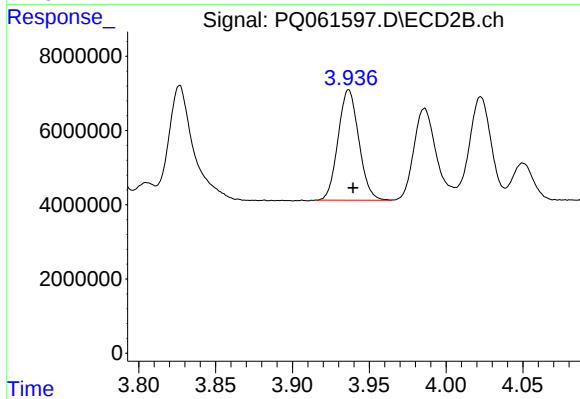
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 52273359
Conc: 471.68 ng/ml



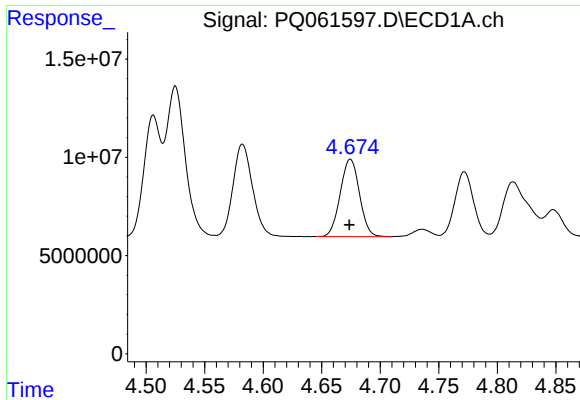
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 54283523
Conc: 507.41 ng/ml



#18 AR-1242-3

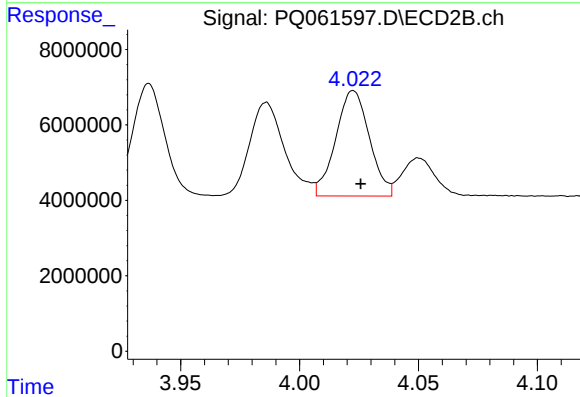
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 27953053
Conc: 472.32 ng/ml



#19 AR-1242-4

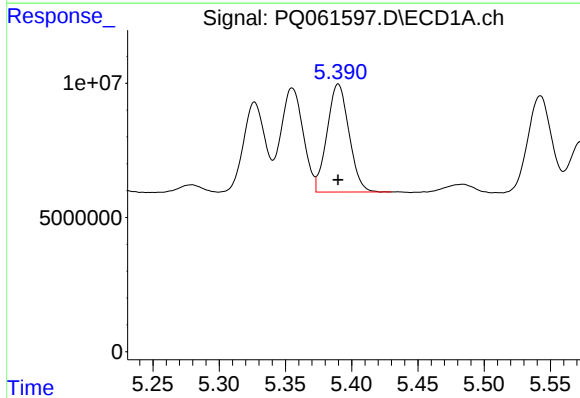
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 45029506
Conc: 518.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



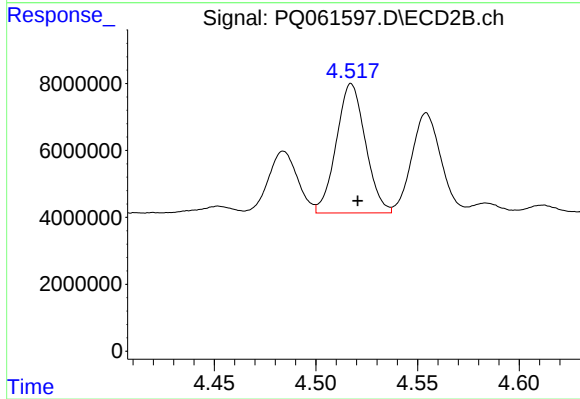
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 27616047
Conc: 461.15 ng/ml



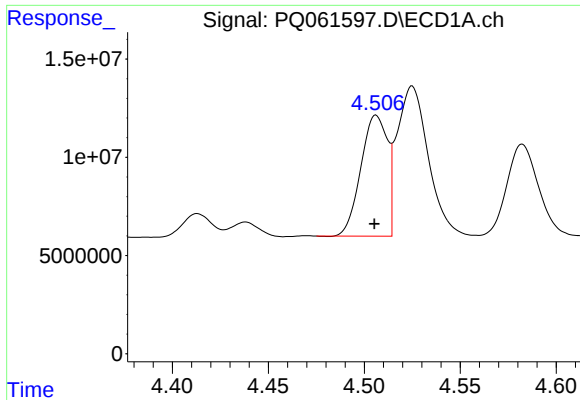
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 46359548
Conc: 522.72 ng/ml



#20 AR-1242-5

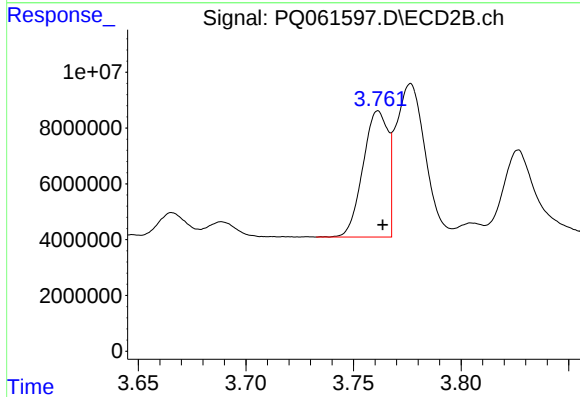
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 38564461
Conc: 481.63 ng/ml



#21 AR-1248-1

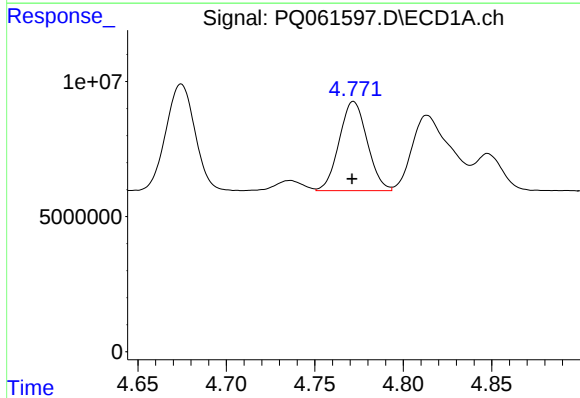
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 59448341
Conc: 659.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



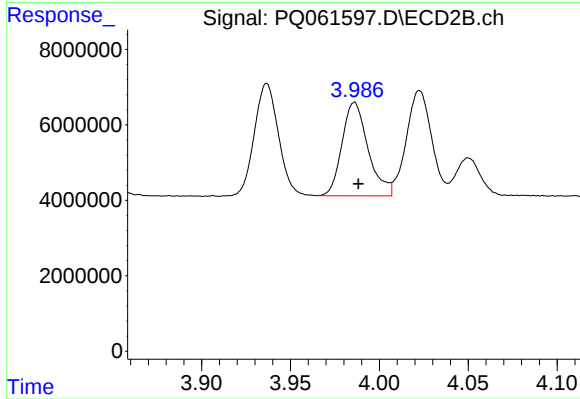
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 36423250
Conc: 585.25 ng/ml



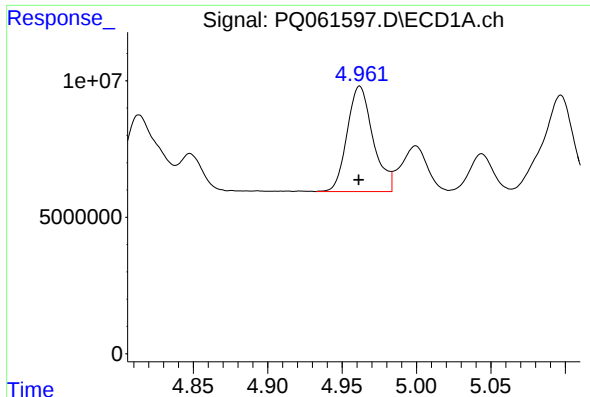
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 36397614
Conc: 286.31 ng/ml



#22 AR-1248-2

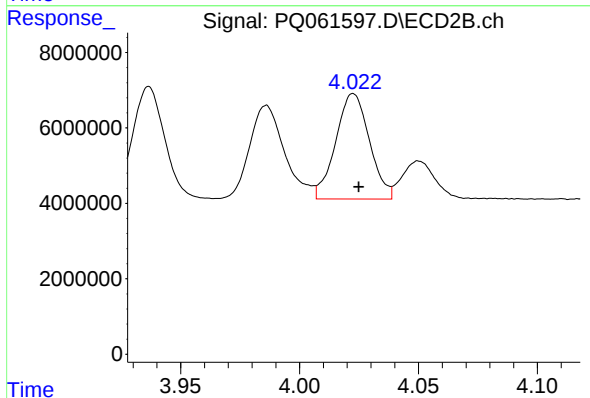
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 25444324
Conc: 263.25 ng/ml



#23 AR-1248-3

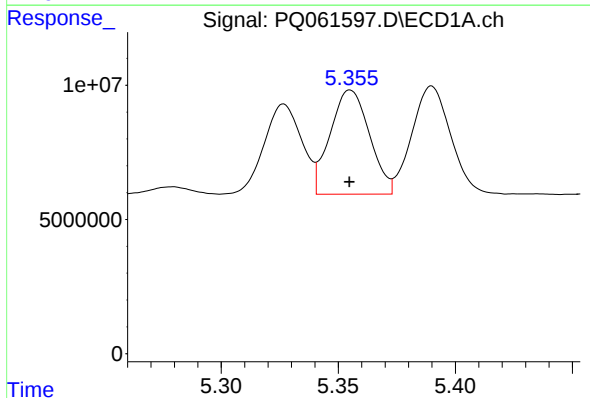
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 46649472
Conc: 302.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



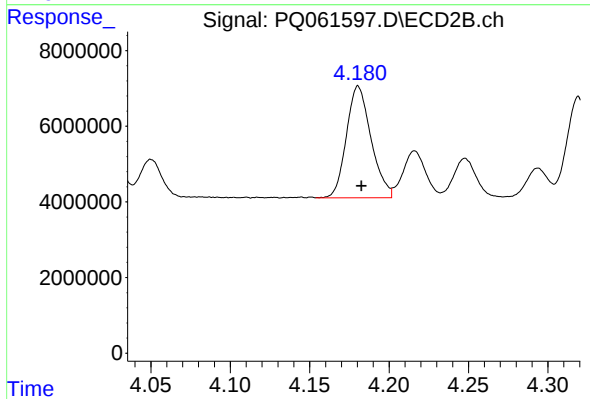
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 27616047
Conc: 302.10 ng/ml



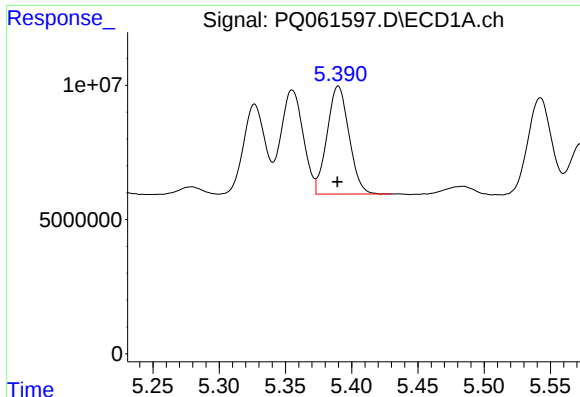
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 45468961
Conc: 267.86 ng/ml



#24 AR-1248-4

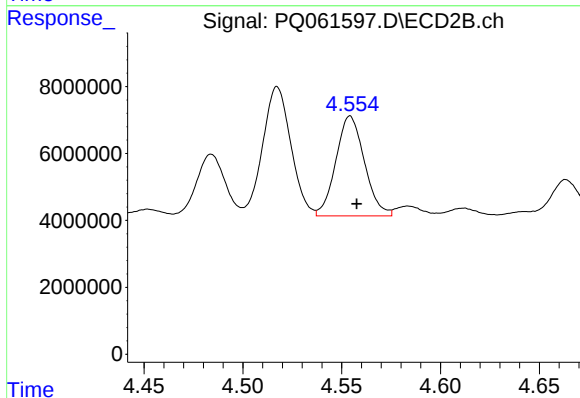
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 31849885
Conc: 281.28 ng/ml



#25 AR-1248-5

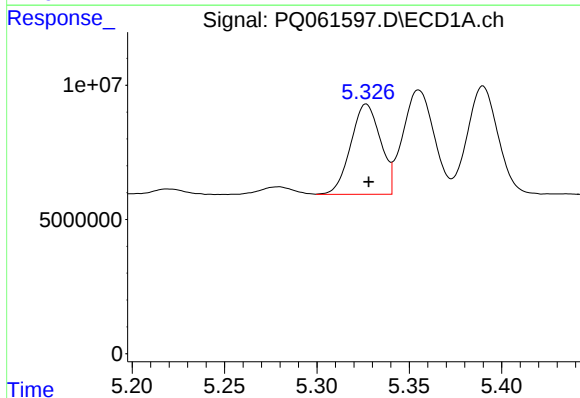
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 46359548
Conc: 282.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



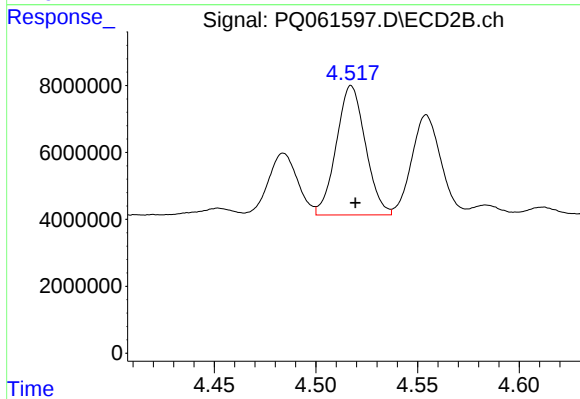
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 30049574
Conc: 272.84 ng/ml



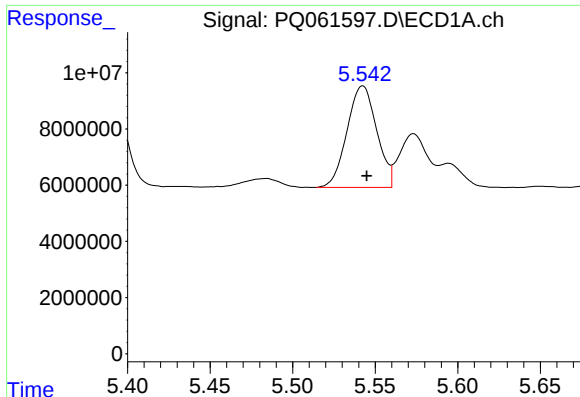
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 37688327
Conc: 220.66 ng/ml



#26 AR-1254-1

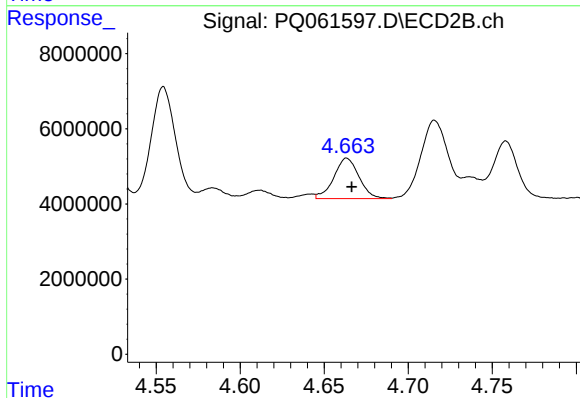
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 38564461
Conc: 234.51 ng/ml



#27 AR-1254-2

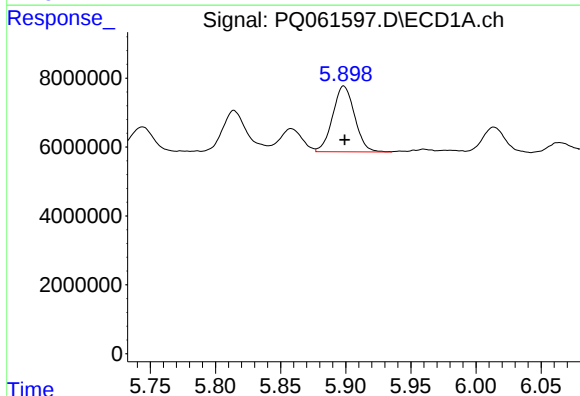
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 45232568
Conc: 169.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



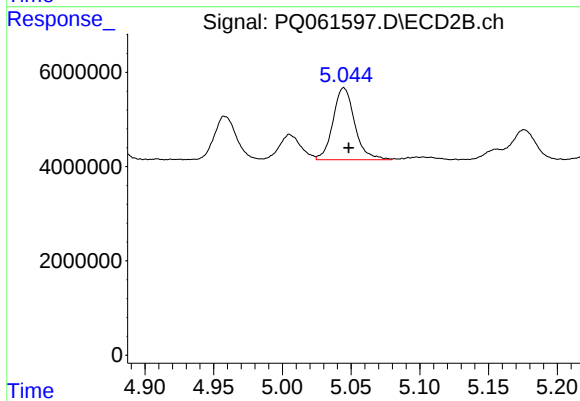
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 11199771
Conc: 74.46 ng/ml



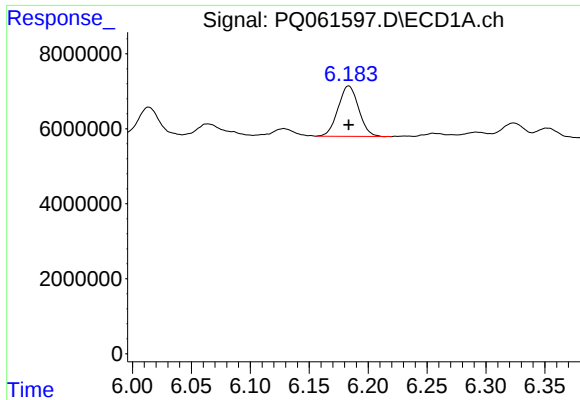
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 22454410
Conc: 80.35 ng/ml



#28 AR-1254-3

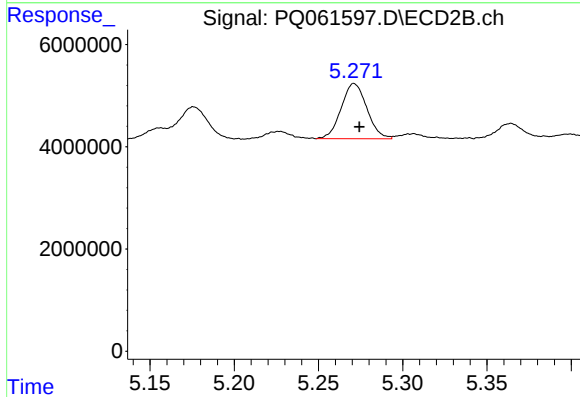
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 16791861
Conc: 72.16 ng/ml



#29 AR-1254-4

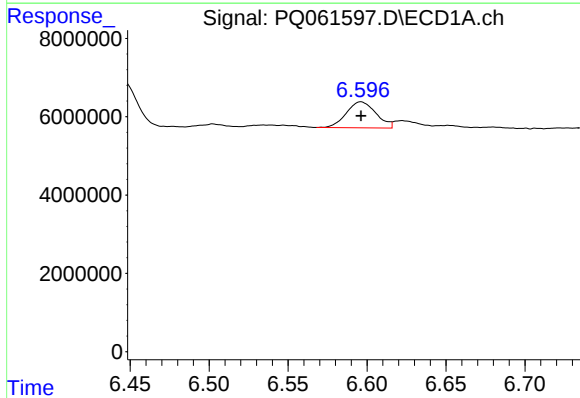
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 16351003
Conc: 79.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



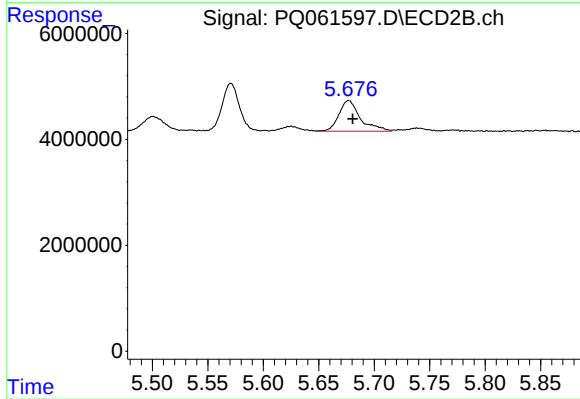
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 11482984
Conc: 79.93 ng/ml



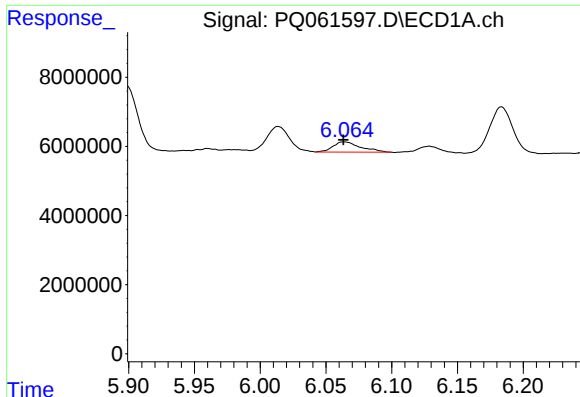
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 8689496
Conc: 36.84 ng/ml



#30 AR-1254-5

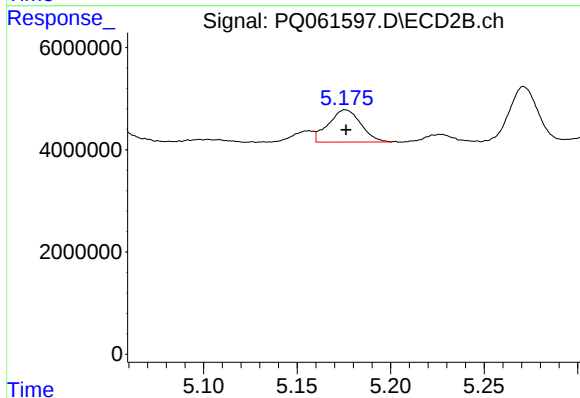
R.T.: 5.677 min
Delta R.T.: -0.004 min
Response: 7863943
Conc: 34.47 ng/ml



#31 AR-1260-1

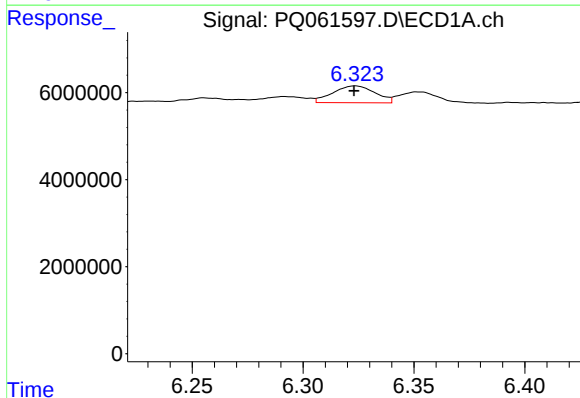
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 4277128
Conc: 19.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



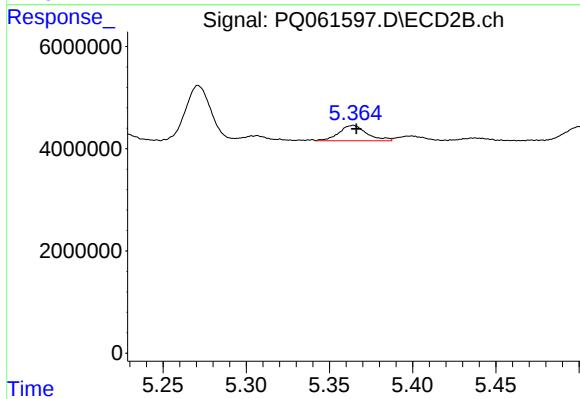
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 7605650
Conc: 44.22 ng/ml



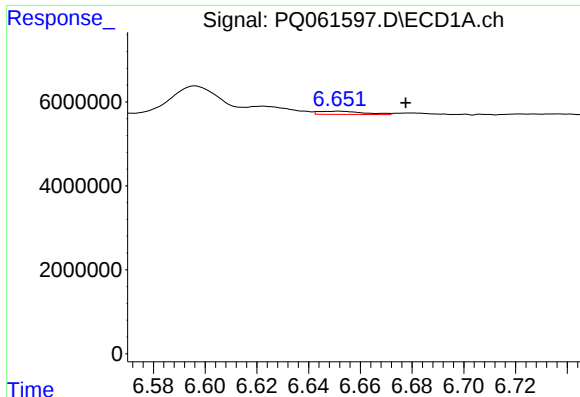
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 5123987
Conc: 19.26 ng/ml



#32 AR-1260-2

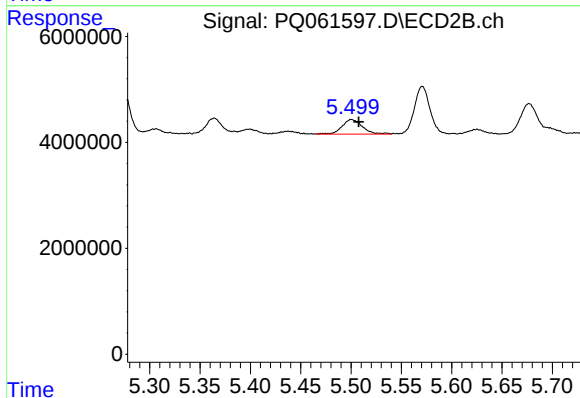
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 3500606
Conc: 16.89 ng/ml



#33 AR-1260-3

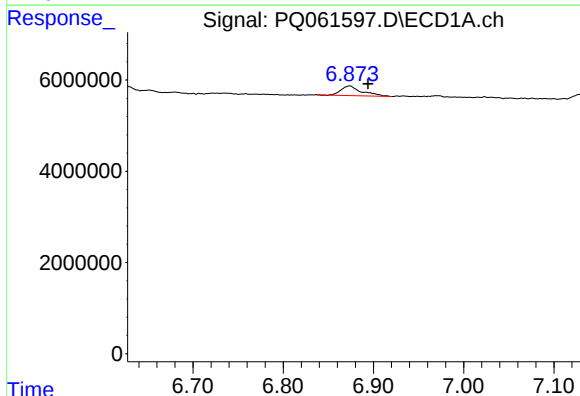
R.T.: 6.652 min
Delta R.T.: -0.026 min
Response: 937263
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



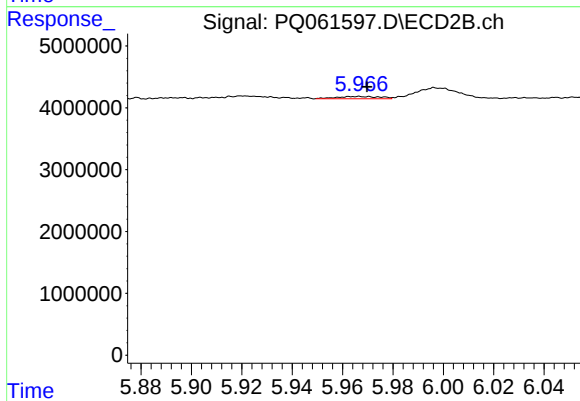
#33 AR-1260-3

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 3956762
Conc: 19.92 ng/ml



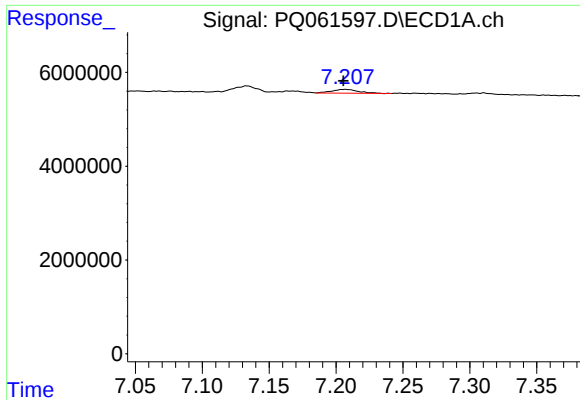
#34 AR-1260-4

R.T.: 6.874 min
Delta R.T.: -0.020 min
Response: 3448193
Conc: 17.18 ng/ml



#34 AR-1260-4

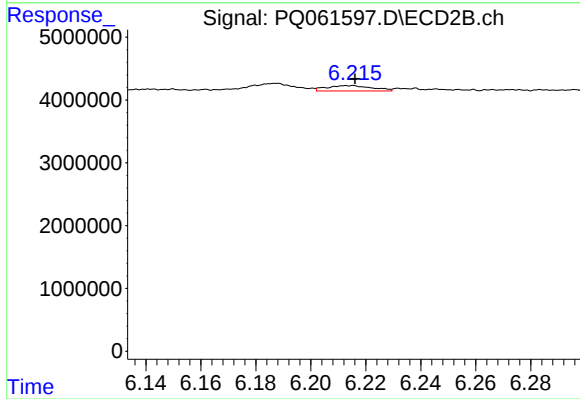
R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 437288
Conc: 2.97 ng/ml



#35 AR-1260-5

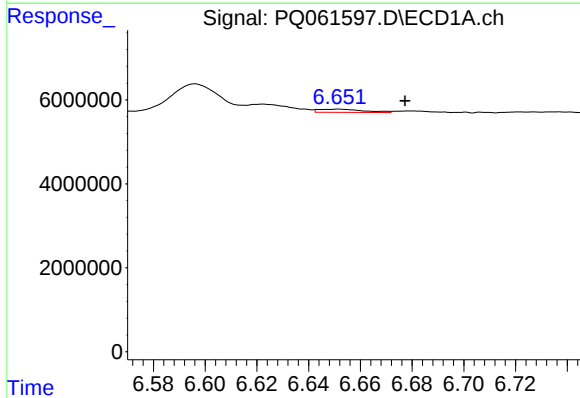
R.T.: 7.207 min
Delta R.T.: 0.001 min
Response: 1114457
Conc: 2.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



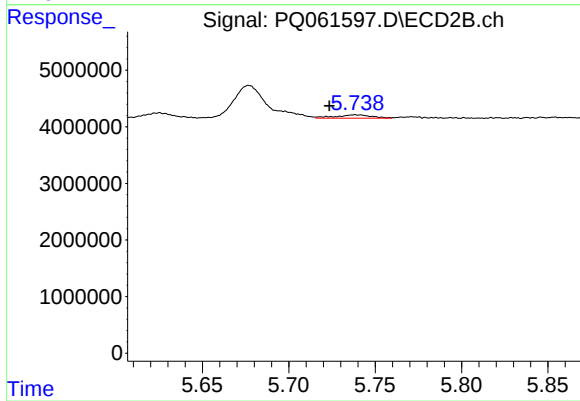
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 968383
Conc: 2.98 ng/ml



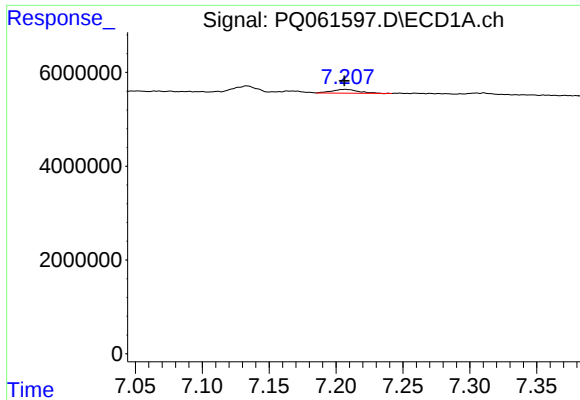
#36 AR-1262-1

R.T.: 6.652 min
Delta R.T.: -0.026 min
Response: 937263
Conc: 3.13 ng/ml



#36 AR-1262-1

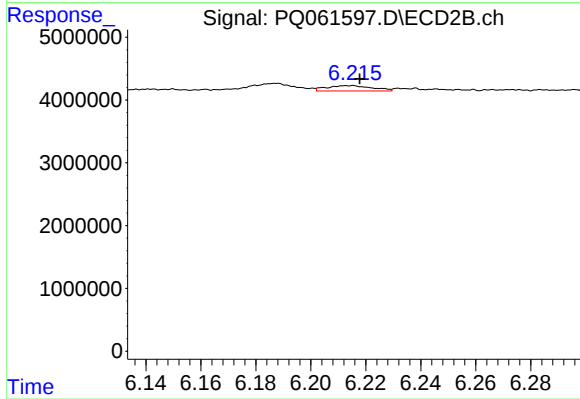
R.T.: 5.739 min
Delta R.T.: 0.015 min
Response: 872450
Conc: 3.60 ng/ml



#37 AR-1262-2

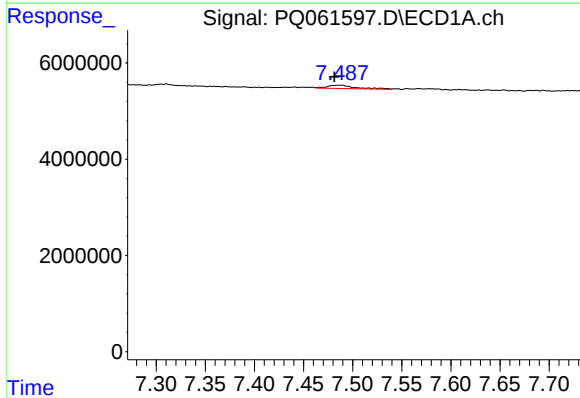
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 1114457
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



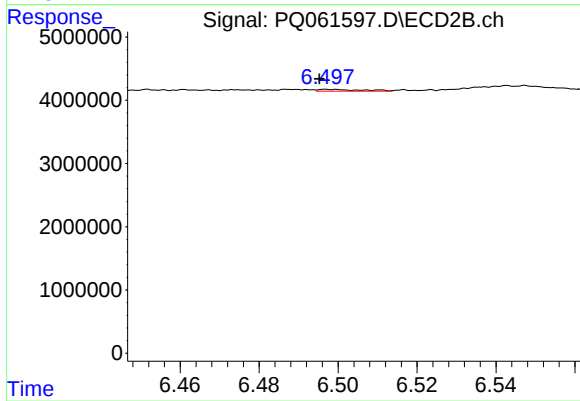
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 968383
Conc: 2.22 ng/ml



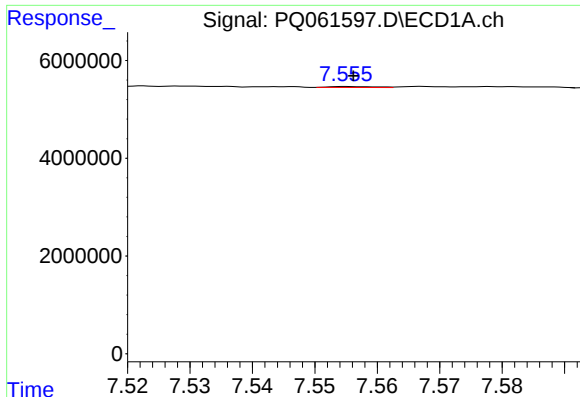
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.005 min
Response: 1413199
Conc: 4.18 ng/ml



#38 AR-1262-3

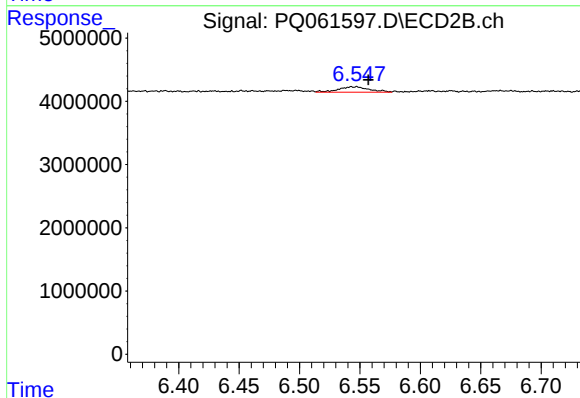
R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 219554
Conc: 1.22 ng/ml



#39 AR-1262-4

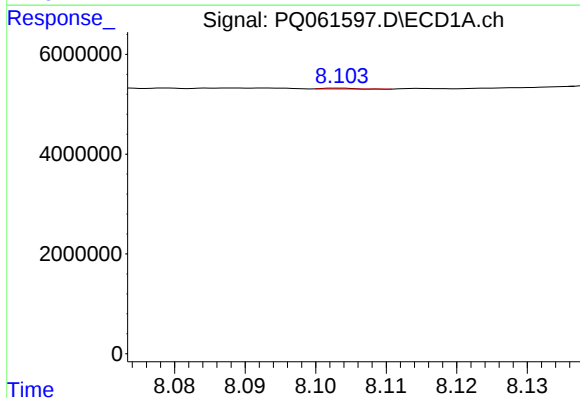
R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 106170
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



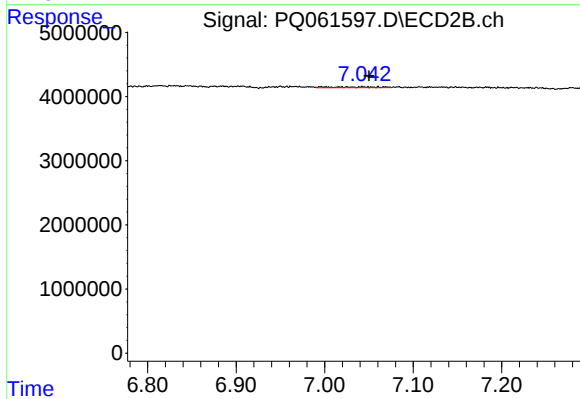
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.010 min
Response: 1514618
Conc: 4.57 ng/ml



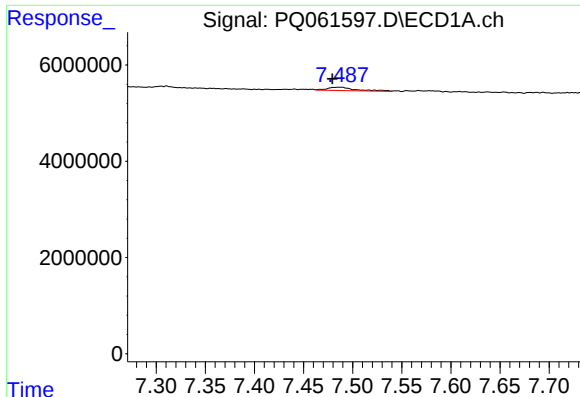
#40 AR-1262-5

R.T.: 8.103 min
Delta R.T.: 0.043 min
Response: 49779
Conc: 0.29 ng/ml



#40 AR-1262-5

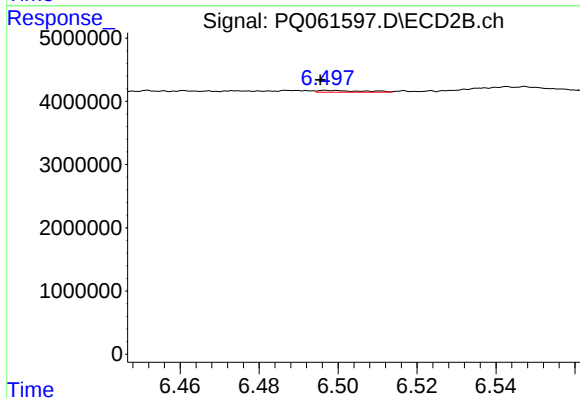
R.T.: 7.043 min
Delta R.T.: -0.007 min
Response: 526522
Conc: 3.28 ng/ml



#41 AR-1268-1

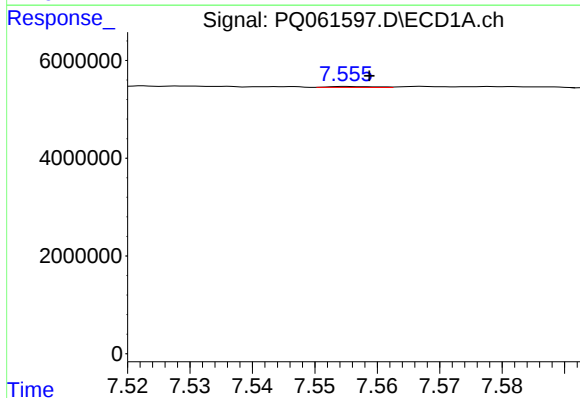
R.T.: 7.487 min
Delta R.T.: 0.007 min
Response: 1413199
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



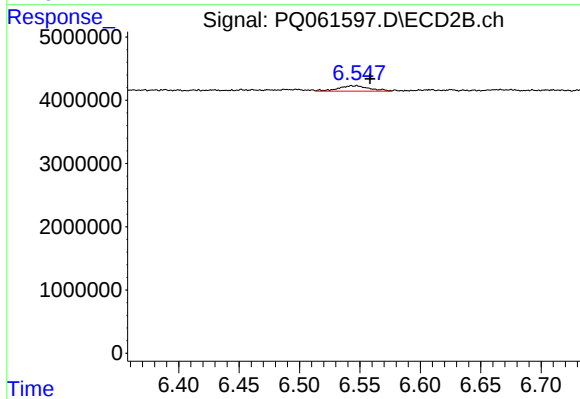
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 219554
Conc: 0.45 ng/ml



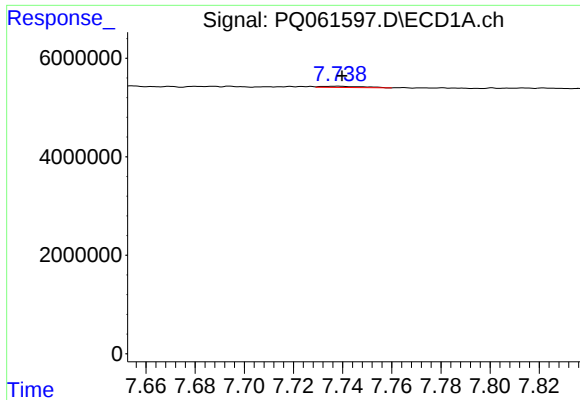
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.004 min
Response: 106170
Conc: 0.22 ng/ml



#42 AR-1268-2

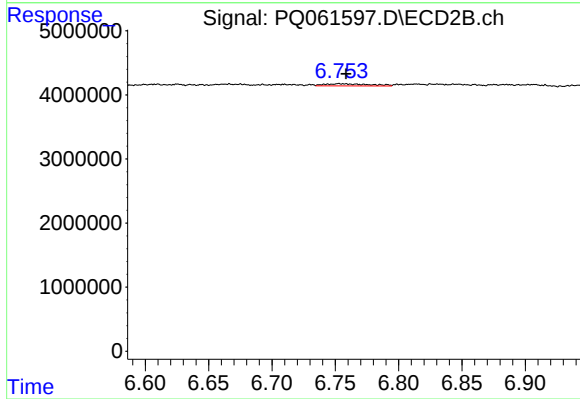
R.T.: 6.547 min
Delta R.T.: -0.011 min
Response: 1514618
Conc: 3.40 ng/ml



#43 AR-1268-3

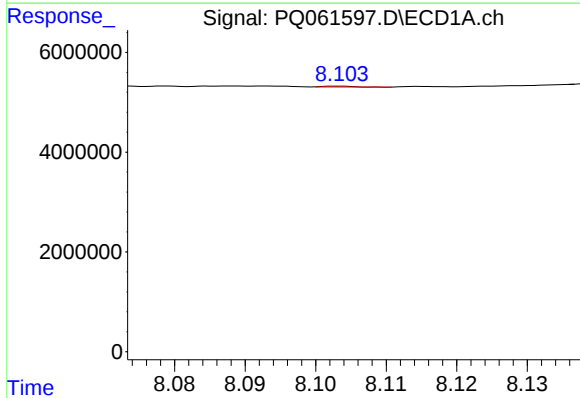
R.T.: 7.738 min
Delta R.T.: -0.002 min
Response: 305512
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



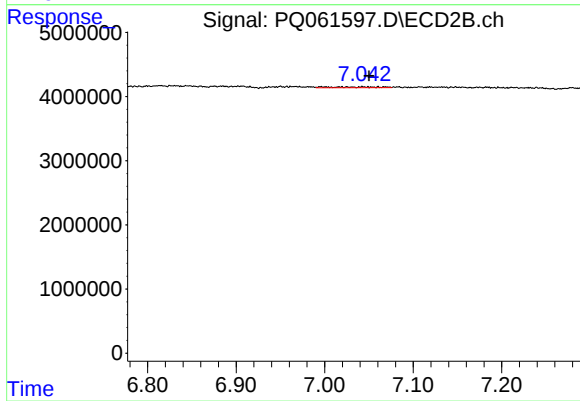
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: -0.006 min
Response: 825295
Conc: 2.11 ng/ml



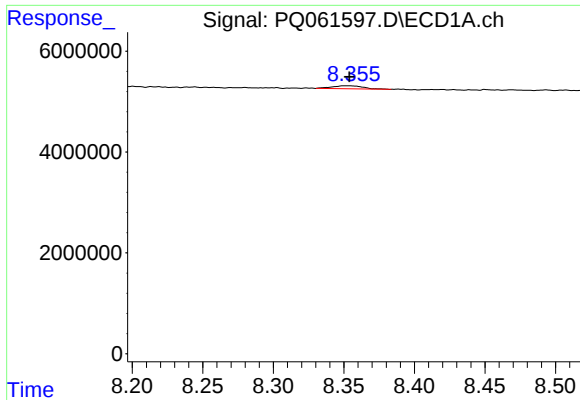
#44 AR-1268-4

R.T.: 8.103 min
Delta R.T.: 0.042 min
Response: 49779
Conc: 0.28 ng/ml



#44 AR-1268-4

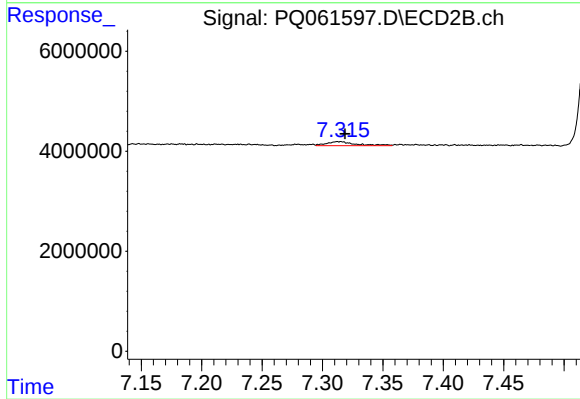
R.T.: 7.043 min
Delta R.T.: -0.007 min
Response: 526522
Conc: 3.14 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 929969
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: -0.005 min
Response: 1369774
Conc: 1.10 ng/ml