

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102924\
 Data File : PQ069396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 12:34
 Operator : YP\AJ
 Sample : P4562-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:51:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 08 08:10:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.322	2.783f	6372664	5874491	0.539	0.521
2)	SA Decachlor...	8.457	7.475	2546128	4648394	0.608	0.747
Target Compounds							
3)	L1 AR-1016-1	4.419	3.731	131.8E6	141.3E6	349.954	378.385
4)	L1 AR-1016-2	4.437	3.745	206.6E6	221.7E6	369.228	404.424
5)	L1 AR-1016-3	4.495	3.904	123.8E6	115.4E6	364.692	393.233
6)	L1 AR-1016-4	4.586	3.953	102.6E6	96619750	361.909	394.235
7)	L1 AR-1016-5	4.870	4.146	98469963	118.6E6	362.206	382.260
8)	L2 AR-1221-1	3.527	2.937	12928298	13507972	96.782	103.625
9)	L2 AR-1221-2	3.608	3.014	13689487	14551808	150.056	157.543
10)	L2 AR-1221-3	3.676	3.081	71885580	75453440	242.549	256.840
11)	L3 AR-1232-1	3.676	3.081	71885580	75453440	293.713	308.800
12)	L3 AR-1232-2	4.163	3.745	106.0E6	221.7E6	801.150	876.304
13)	L3 AR-1232-3	4.437	3.904	206.6E6	115.4E6	815.355	868.814
14)	L3 AR-1232-4	4.586	3.989	102.6E6	107.1E6	817.746	995.211
15)	L3 AR-1232-5	4.681	4.146	78411882	118.6E6	967.233	924.227
16)	L4 AR-1242-1	4.419	3.731	131.8E6	141.3E6	422.923	428.571
17)	L4 AR-1242-2	4.437	3.745	206.6E6	221.7E6	441.448	464.074
18)	L4 AR-1242-3	4.495	3.904	123.8E6	115.4E6	434.869	447.807
19)	L4 AR-1242-4	4.586	3.989	102.6E6	107.1E6	431.563	461.636
20)	L4 AR-1242-5	5.296	4.479	12647806	94796606	50.877	296.495 #
21)	L5 AR-1248-1	4.419	3.731	131.8E6	141.3E6	571.646	572.661
22)	L5 AR-1248-2	4.681	3.953	78411882	96619750	253.078	269.854
23)	L5 AR-1248-3	4.870	3.989	98469963	107.1E6	261.235	313.067
24)	L5 AR-1248-4	5.261	4.146	14334703	118.6E6	32.966	273.134 #
25)	L5 AR-1248-5	5.296	4.518	12647806	14582501	29.795	32.707
26)	L6 AR-1254-1	5.233	4.479	75226037	94796606	174.268	143.958
27)	L6 AR-1254-2	5.450	4.626	81639786	92133912	121.438	159.869 #
28)	L6 AR-1254-3	5.801	5.004	44899166	46917676	61.662	50.838
29)	L6 AR-1254-4	6.083	5.230	27455754	19667893	51.950	32.679 #
30)	L6 AR-1254-5	6.495	5.632	262.7E6	341.0E6	448.527	403.774
31)	L7 AR-1260-1	5.965	5.133	186.3E6	233.3E6	381.049	405.934
32)	L7 AR-1260-2	6.224	5.322	217.9E6	277.7E6	368.225	392.939
33)	L7 AR-1260-3	6.576	5.462	134.0E6	266.6E6	305.964	398.179 #
34)	L7 AR-1260-4	6.793	5.921	162.1E6	191.0E6	331.429	329.298
35)	L7 AR-1260-5	7.104	6.167	306.7E6	437.4E6	304.119	322.864
36)	L8 AR-1262-1	6.793	5.675	162.1E6	199.0E6	255.341	227.463
37)	L8 AR-1262-2	7.104	5.921	306.7E6	191.0E6	249.449	238.070
38)	L8 AR-1262-3	7.382	6.442	188.1E6	87759804	238.676	136.206 #
39)	L8 AR-1262-4	7.451	6.499	40464223	327.9E6	68.150	281.125 #
40)	L8 AR-1262-5	7.955	6.994	63025974	99231113	161.677	185.018
41)	L9 AR-1268-1	7.382	6.442	188.1E6	87759804	141.197	49.246 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102924\
Data File : PQ069396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:34
Operator : YP\AJ
Sample : P4562-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

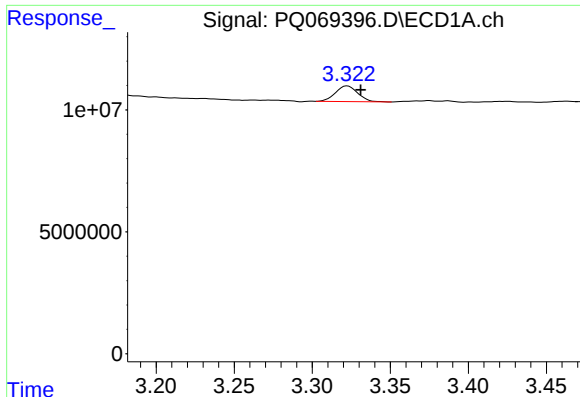
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:51:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 08 08:10:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.451	6.499	40464223	327.9E6	33.509	199.444 #
43)	L9 AR-1268-3	7.633	6.702	5257661	7812200	5.186	5.539
44)	L9 AR-1268-4	7.955	6.994	63025974	99231113	152.922	173.574
45)	L9 AR-1268-5	8.236	7.260	19798547	34205241	6.456	7.884

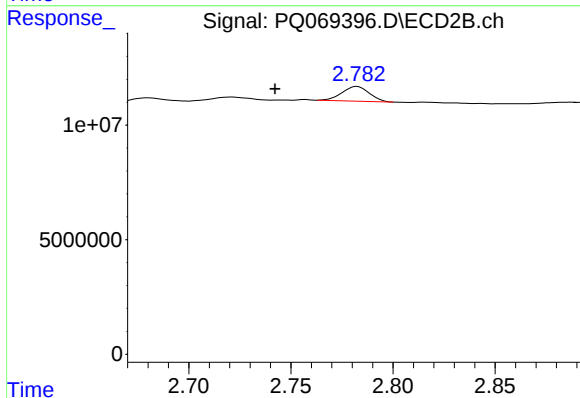
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

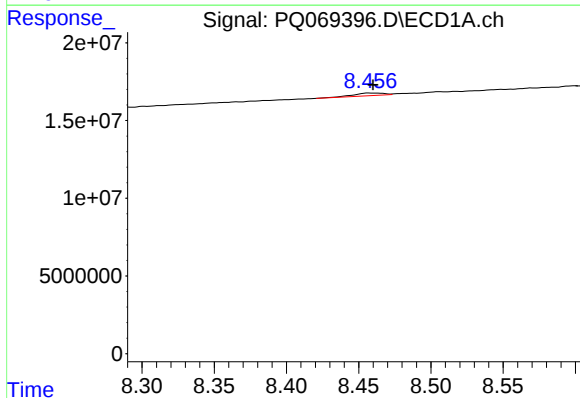
R.T.: 3.322 min
Delta R.T.: -0.009 min
Response: 6372664
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



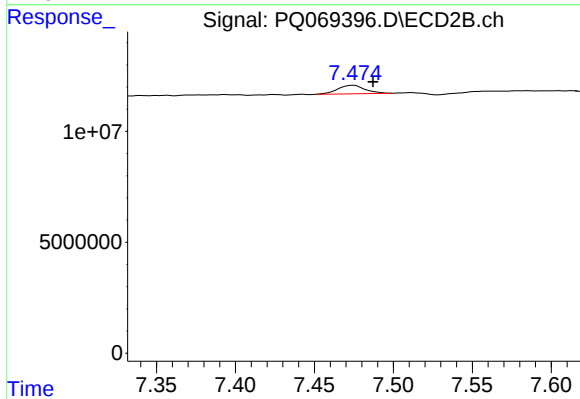
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.040 min
Response: 5874491
Conc: 0.52 ng/ml



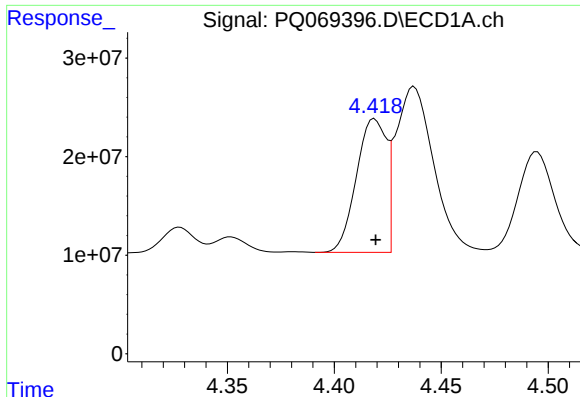
#2 Decachlorobiphenyl

R.T.: 8.457 min
Delta R.T.: -0.003 min
Response: 2546128
Conc: 0.61 ng/ml



#2 Decachlorobiphenyl

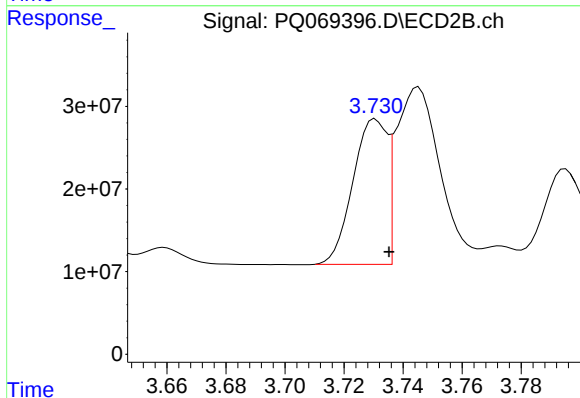
R.T.: 7.475 min
Delta R.T.: -0.012 min
Response: 4648394
Conc: 0.75 ng/ml



#3 AR-1016-1

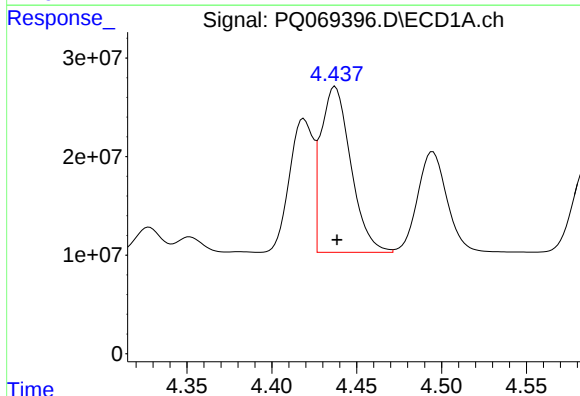
R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 131839107
Conc: 349.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



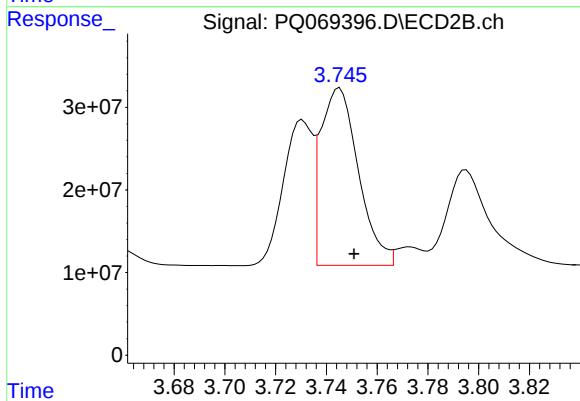
#3 AR-1016-1

R.T.: 3.731 min
Delta R.T.: -0.005 min
Response: 141292835
Conc: 378.38 ng/ml



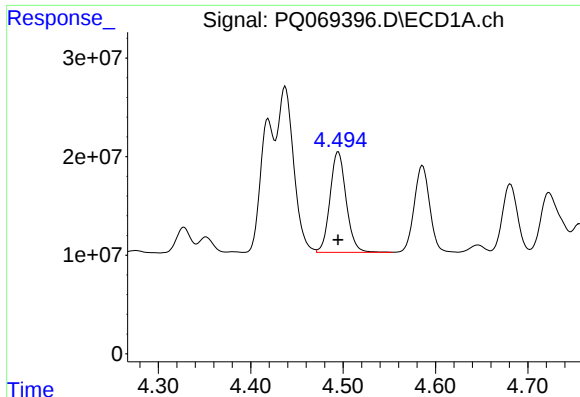
#4 AR-1016-2

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 206648564
Conc: 369.23 ng/ml



#4 AR-1016-2

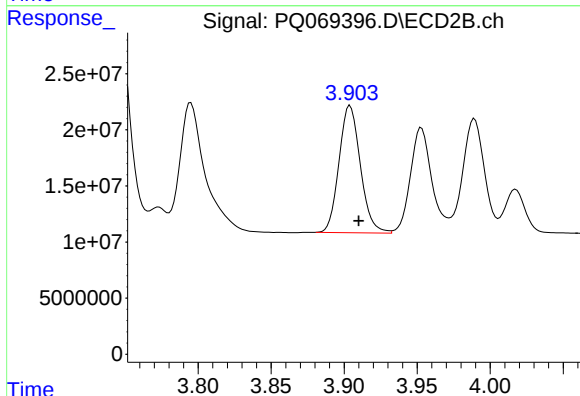
R.T.: 3.745 min
Delta R.T.: -0.006 min
Response: 221747950
Conc: 404.42 ng/ml



#5 AR-1016-3

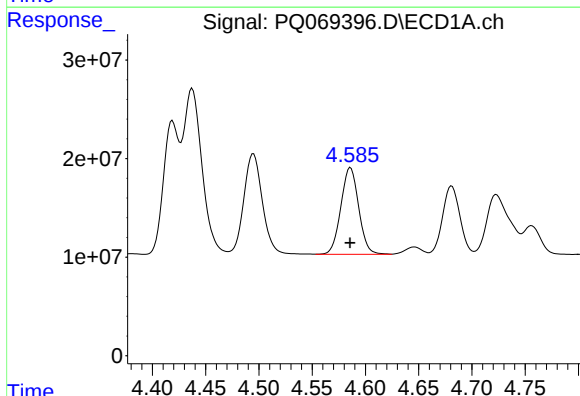
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 123770122
Conc: 364.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



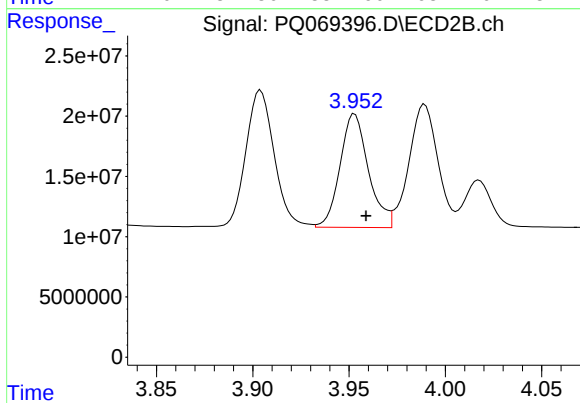
#5 AR-1016-3

R.T.: 3.904 min
Delta R.T.: -0.006 min
Response: 115399963
Conc: 393.23 ng/ml



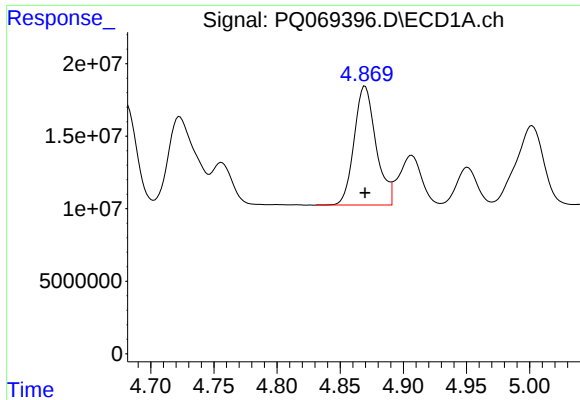
#6 AR-1016-4

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 102643627
Conc: 361.91 ng/ml



#6 AR-1016-4

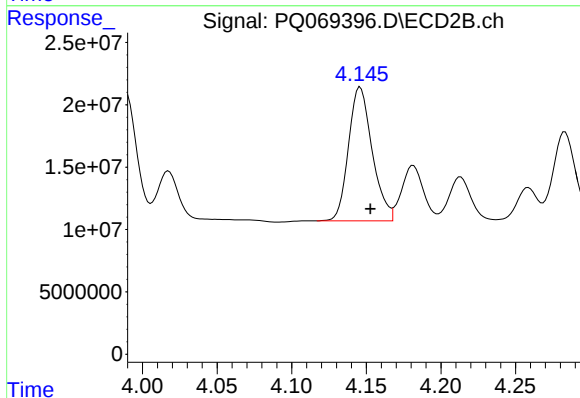
R.T.: 3.953 min
Delta R.T.: -0.006 min
Response: 96619750
Conc: 394.23 ng/ml



#7 AR-1016-5

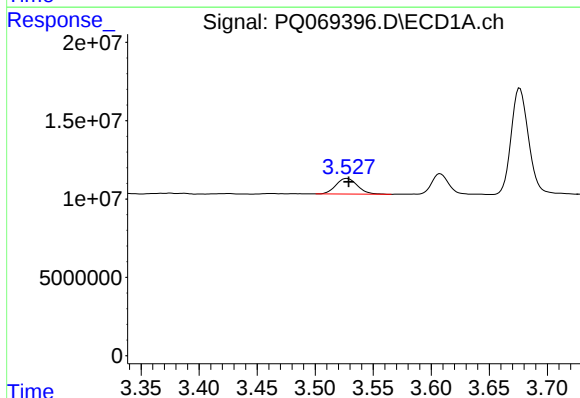
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 98469963
Conc: 362.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



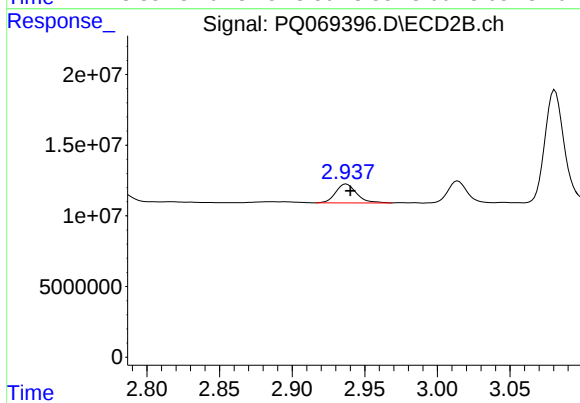
#7 AR-1016-5

R.T.: 4.146 min
Delta R.T.: -0.007 min
Response: 118621186
Conc: 382.26 ng/ml



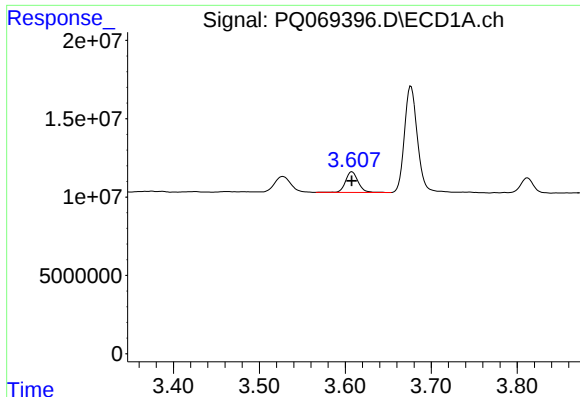
#8 AR-1221-1

R.T.: 3.527 min
Delta R.T.: -0.001 min
Response: 12928298
Conc: 96.78 ng/ml



#8 AR-1221-1

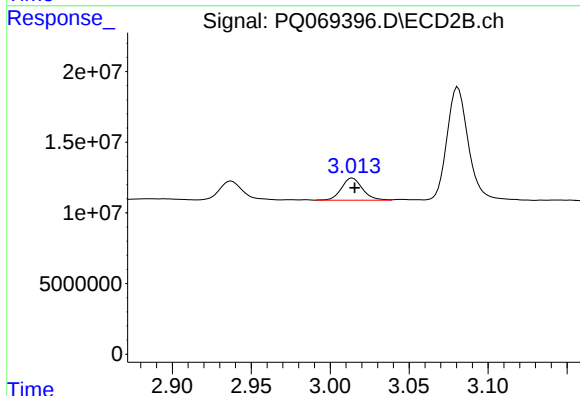
R.T.: 2.937 min
Delta R.T.: -0.003 min
Response: 13507972
Conc: 103.62 ng/ml



#9 AR-1221-2

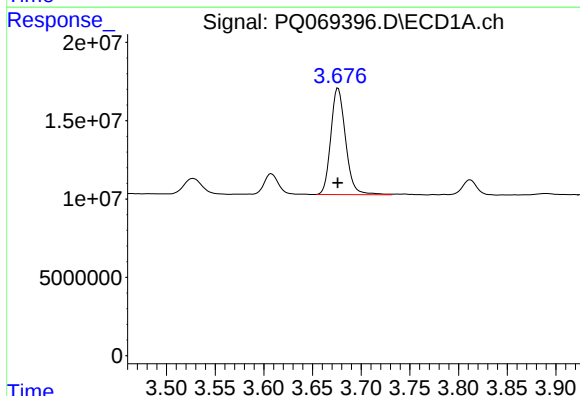
R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 13689487
Conc: 150.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



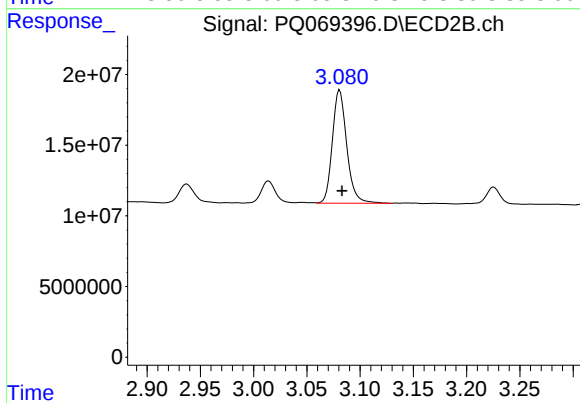
#9 AR-1221-2

R.T.: 3.014 min
Delta R.T.: -0.001 min
Response: 14551808
Conc: 157.54 ng/ml



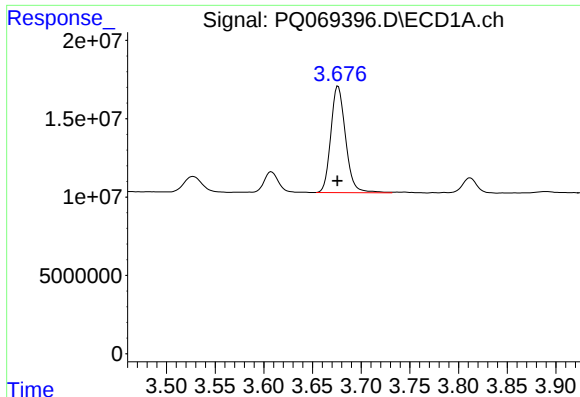
#10 AR-1221-3

R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 71885580
Conc: 242.55 ng/ml



#10 AR-1221-3

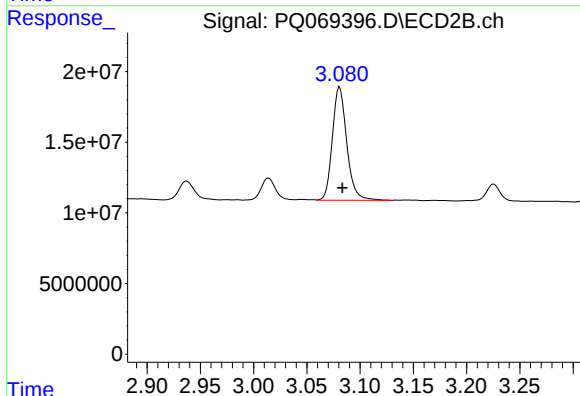
R.T.: 3.081 min
Delta R.T.: -0.002 min
Response: 75453440
Conc: 256.84 ng/ml



#11 AR-1232-1

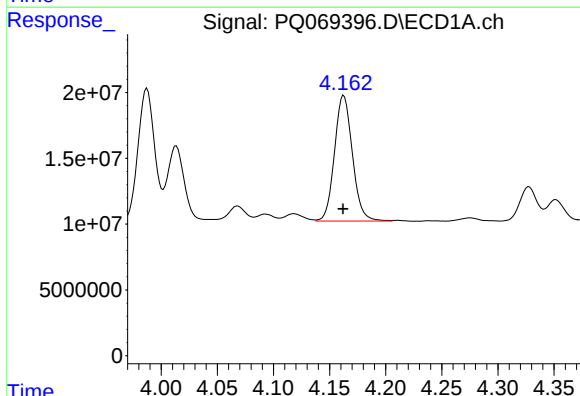
R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 71885580
Conc: 293.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



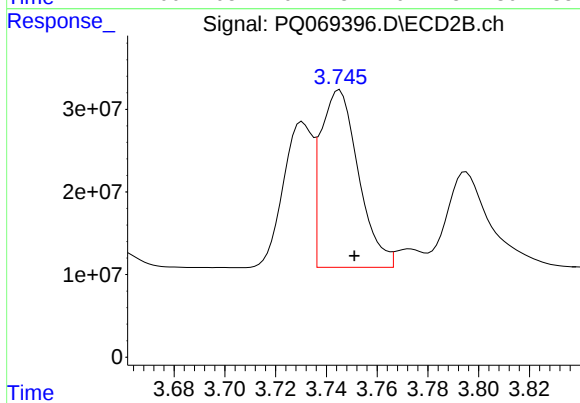
#11 AR-1232-1

R.T.: 3.081 min
Delta R.T.: -0.002 min
Response: 75453440
Conc: 308.80 ng/ml



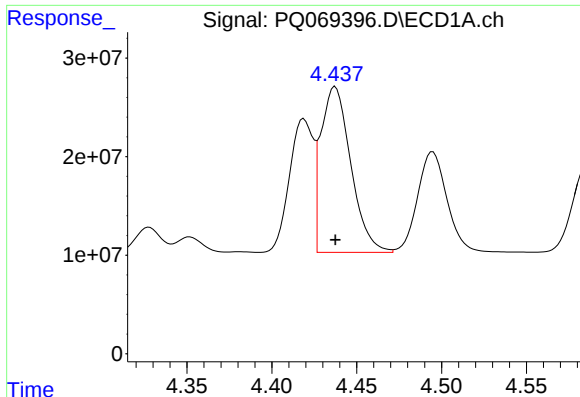
#12 AR-1232-2

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 106043191
Conc: 801.15 ng/ml



#12 AR-1232-2

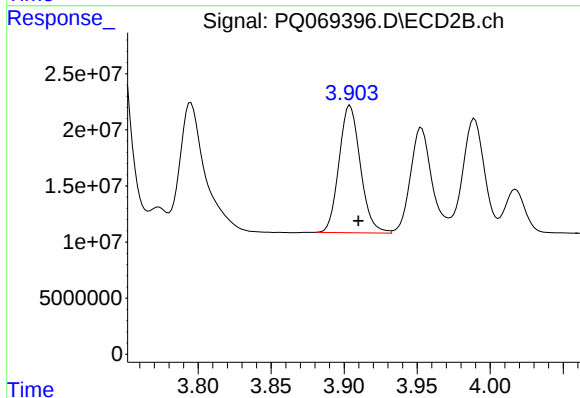
R.T.: 3.745 min
Delta R.T.: -0.006 min
Response: 221747950
Conc: 876.30 ng/ml



#13 AR-1232-3

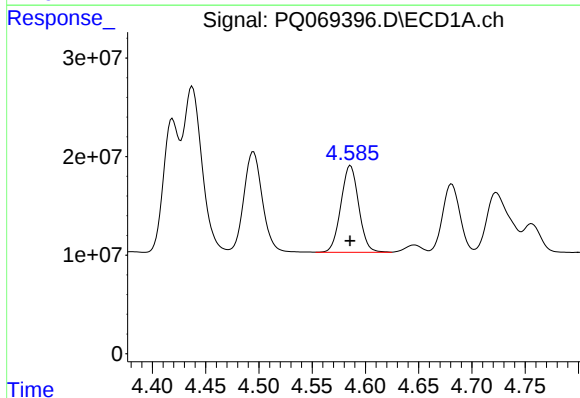
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 206648564
Conc: 815.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



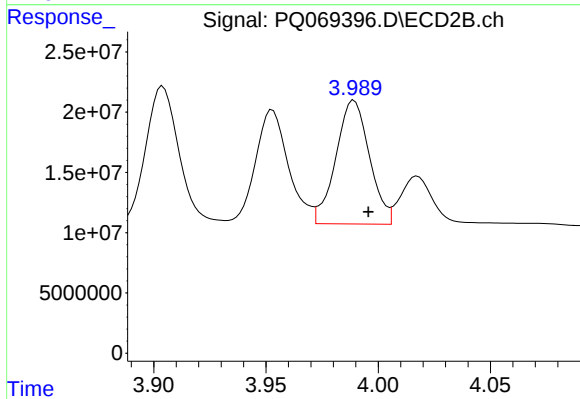
#13 AR-1232-3

R.T.: 3.904 min
Delta R.T.: -0.006 min
Response: 115399963
Conc: 868.81 ng/ml



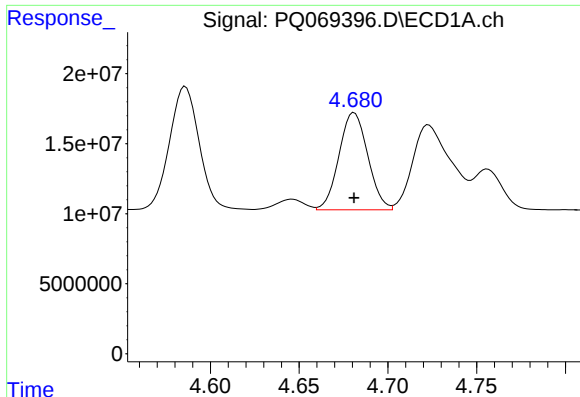
#14 AR-1232-4

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 102643627
Conc: 817.75 ng/ml



#14 AR-1232-4

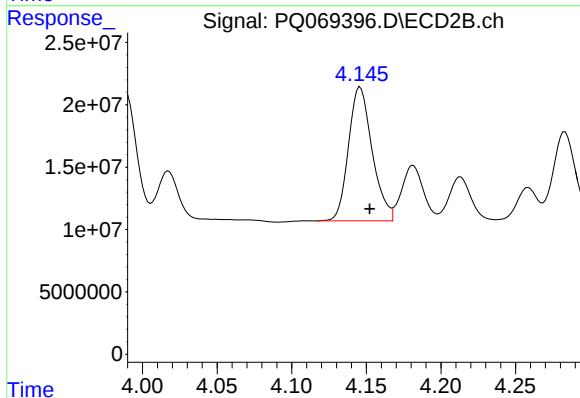
R.T.: 3.989 min
Delta R.T.: -0.006 min
Response: 107112370
Conc: 995.21 ng/ml



#15 AR-1232-5

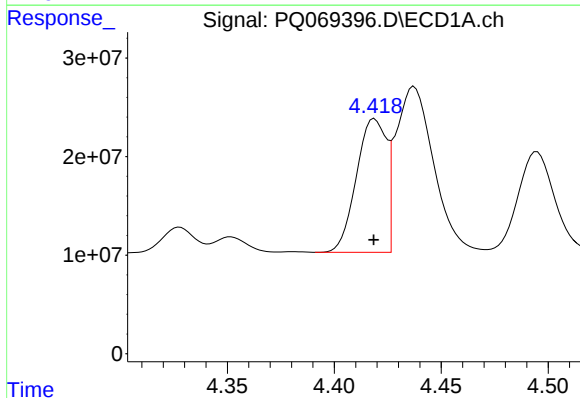
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 78411882
Conc: 967.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



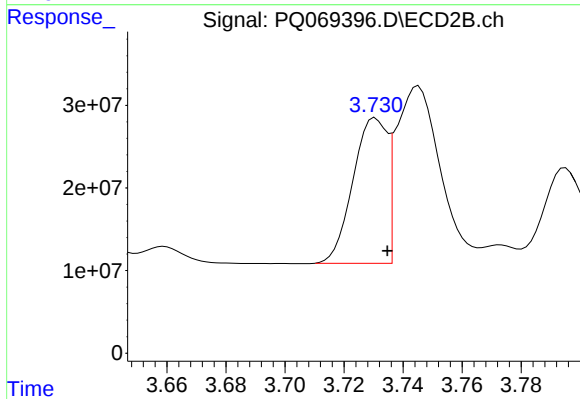
#15 AR-1232-5

R.T.: 4.146 min
Delta R.T.: -0.006 min
Response: 118621186
Conc: 924.23 ng/ml



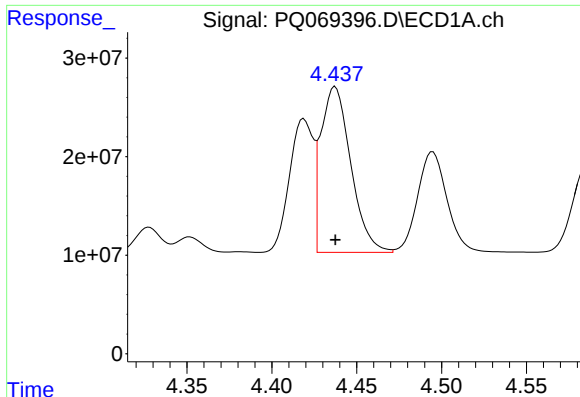
#16 AR-1242-1

R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 131839107
Conc: 422.92 ng/ml



#16 AR-1242-1

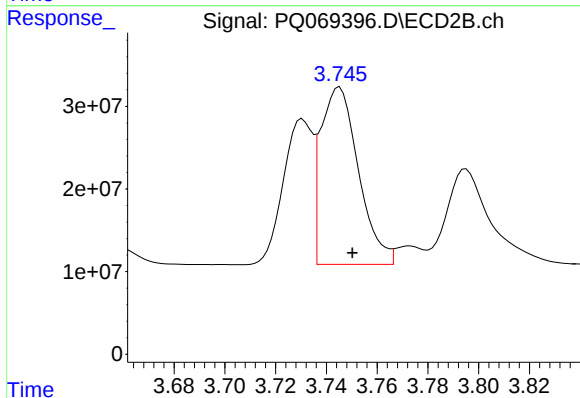
R.T.: 3.731 min
Delta R.T.: -0.004 min
Response: 141292835
Conc: 428.57 ng/ml



#17 AR-1242-2

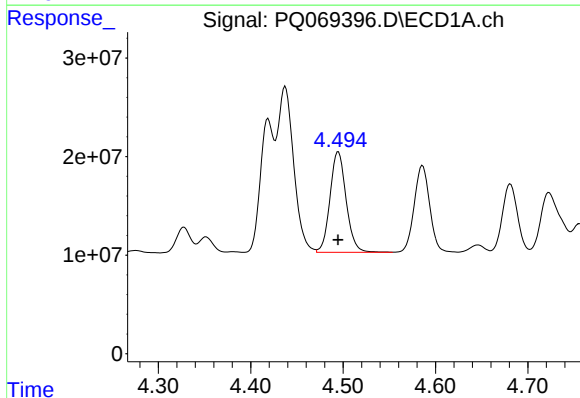
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 206648564
Conc: 441.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



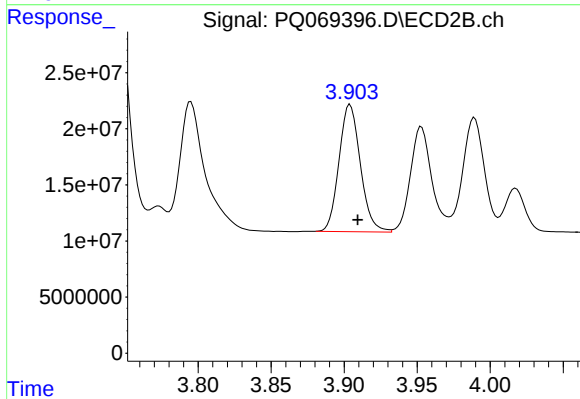
#17 AR-1242-2

R.T.: 3.745 min
Delta R.T.: -0.005 min
Response: 221747950
Conc: 464.07 ng/ml



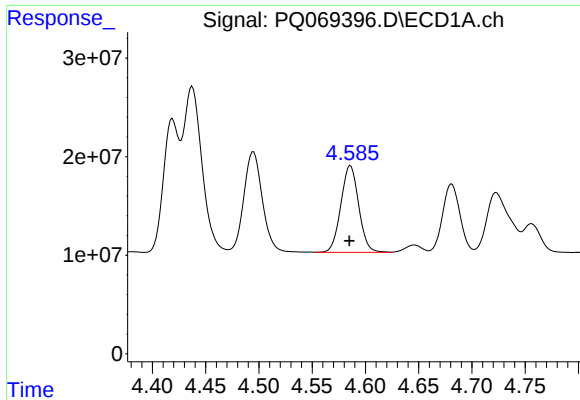
#18 AR-1242-3

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 123770122
Conc: 434.87 ng/ml



#18 AR-1242-3

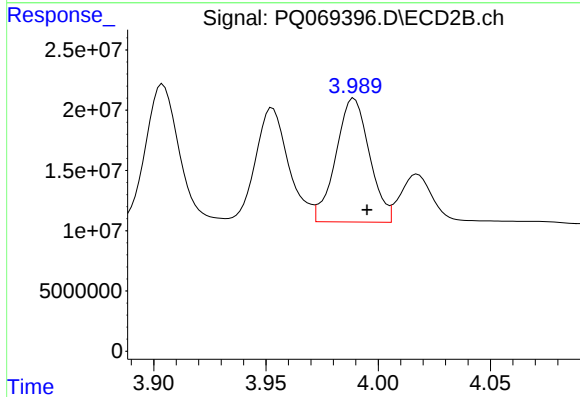
R.T.: 3.904 min
Delta R.T.: -0.005 min
Response: 115399963
Conc: 447.81 ng/ml



#19 AR-1242-4

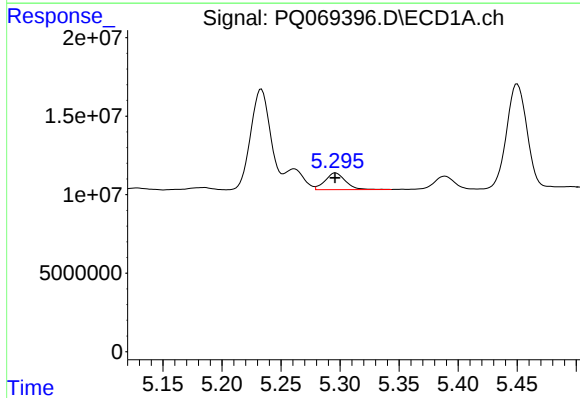
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 102643627
Conc: 431.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



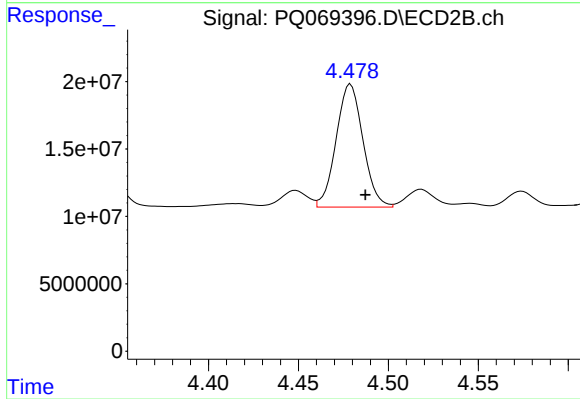
#19 AR-1242-4

R.T.: 3.989 min
Delta R.T.: -0.006 min
Response: 107112370
Conc: 461.64 ng/ml



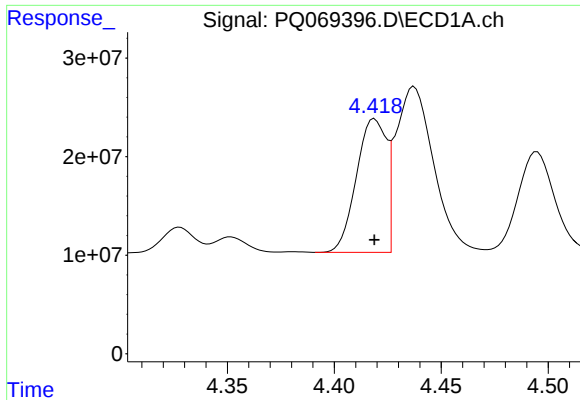
#20 AR-1242-5

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 12647806
Conc: 50.88 ng/ml



#20 AR-1242-5

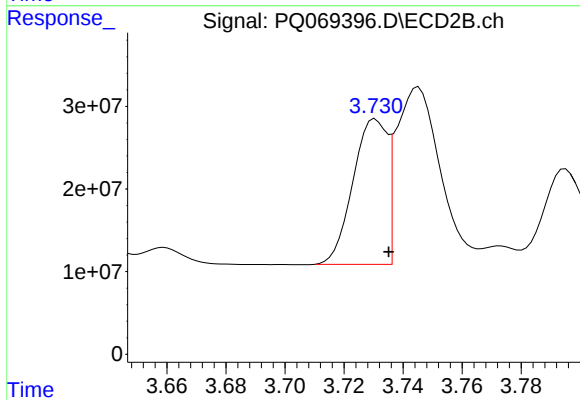
R.T.: 4.479 min
Delta R.T.: -0.008 min
Response: 94796606
Conc: 296.49 ng/ml



#21 AR-1248-1

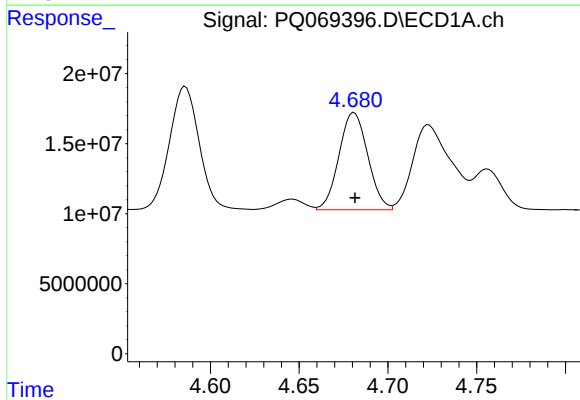
R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 131839107
Conc: 571.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



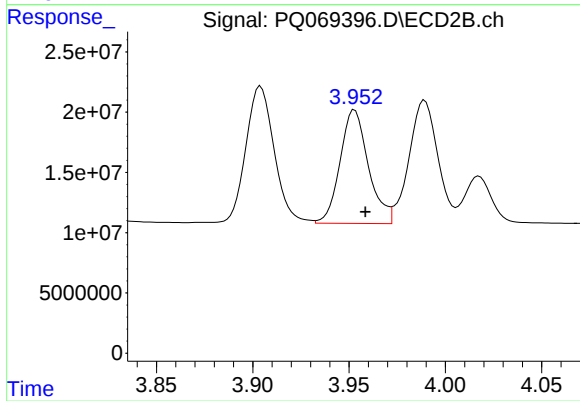
#21 AR-1248-1

R.T.: 3.731 min
Delta R.T.: -0.005 min
Response: 141292835
Conc: 572.66 ng/ml



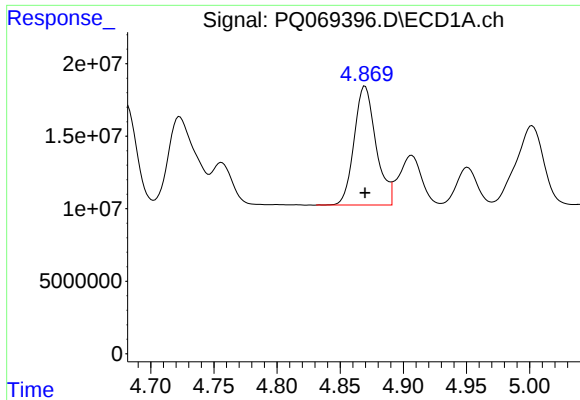
#22 AR-1248-2

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 78411882
Conc: 253.08 ng/ml



#22 AR-1248-2

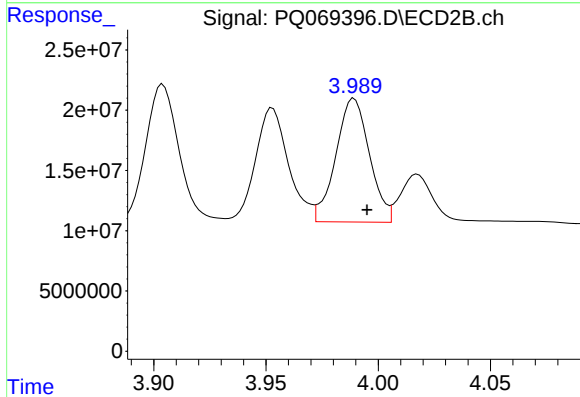
R.T.: 3.953 min
Delta R.T.: -0.006 min
Response: 96619750
Conc: 269.85 ng/ml



#23 AR-1248-3

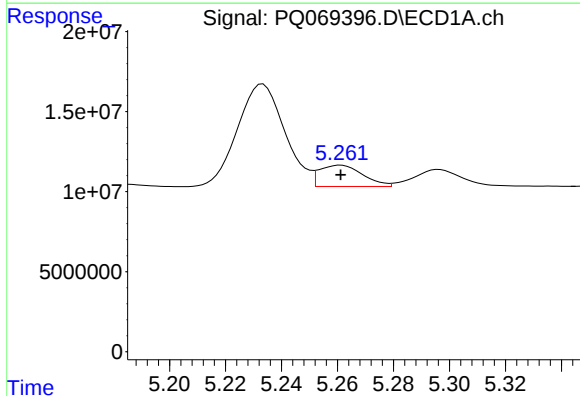
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 98469963
Conc: 261.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



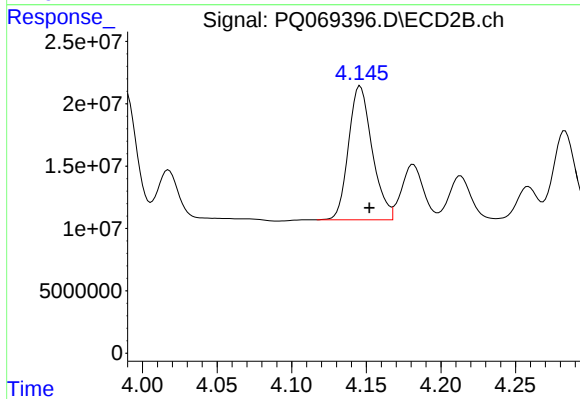
#23 AR-1248-3

R.T.: 3.989 min
Delta R.T.: -0.006 min
Response: 107112370
Conc: 313.07 ng/ml



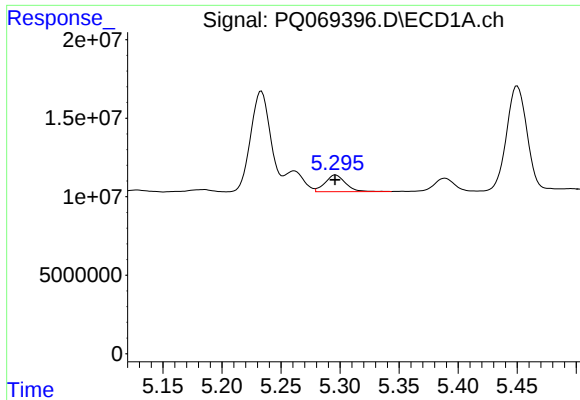
#24 AR-1248-4

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 14334703
Conc: 32.97 ng/ml



#24 AR-1248-4

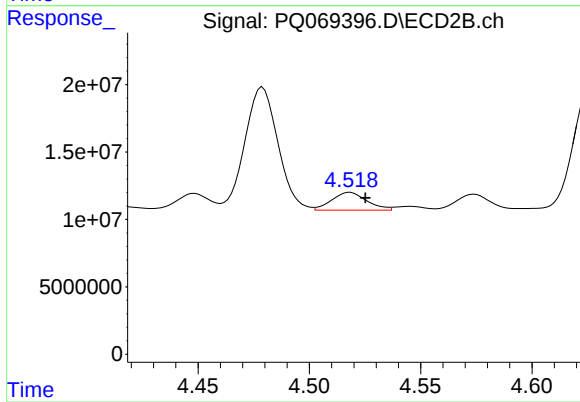
R.T.: 4.146 min
Delta R.T.: -0.006 min
Response: 118621186
Conc: 273.13 ng/ml



#25 AR-1248-5

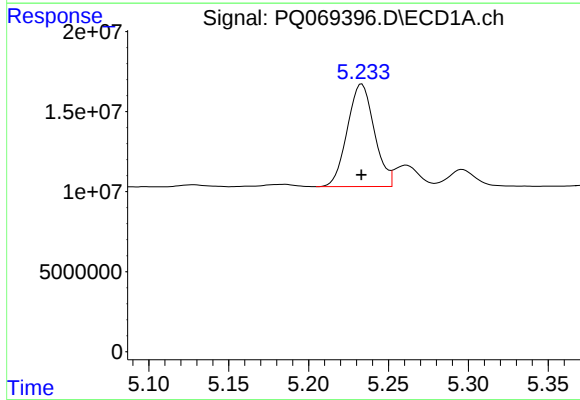
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 12647806
Conc: 29.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



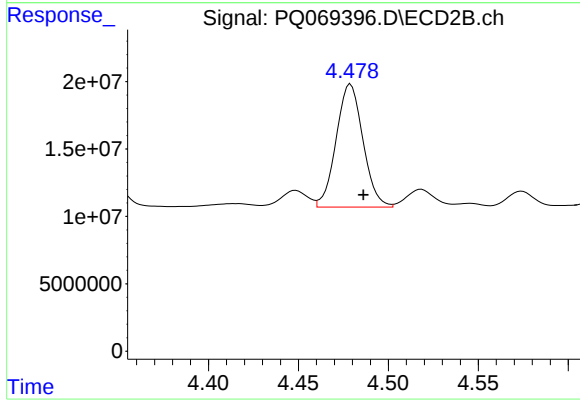
#25 AR-1248-5

R.T.: 4.518 min
Delta R.T.: -0.007 min
Response: 14582501
Conc: 32.71 ng/ml



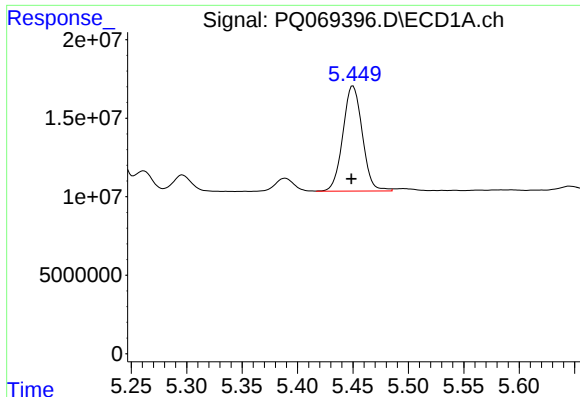
#26 AR-1254-1

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 75226037
Conc: 174.27 ng/ml



#26 AR-1254-1

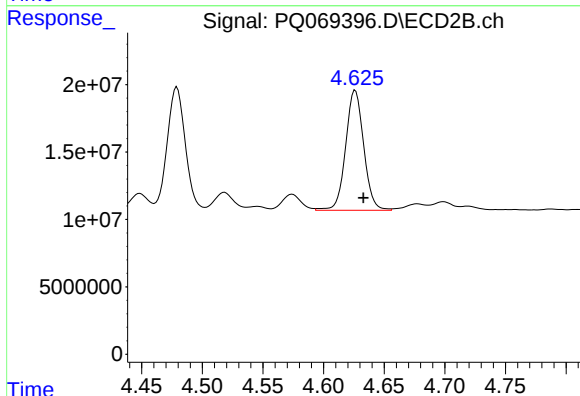
R.T.: 4.479 min
Delta R.T.: -0.007 min
Response: 94796606
Conc: 143.96 ng/ml



#27 AR-1254-2

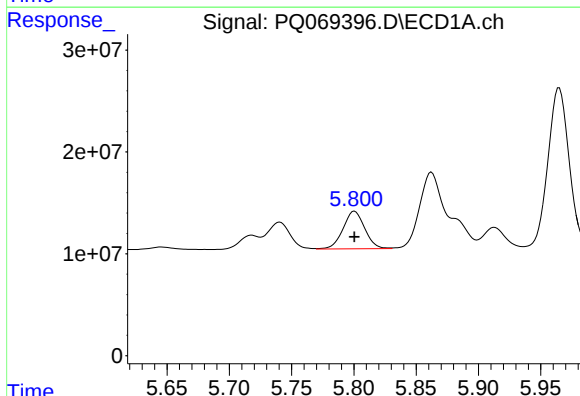
R.T.: 5.450 min
Delta R.T.: 0.001 min
Response: 81639786
Conc: 121.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



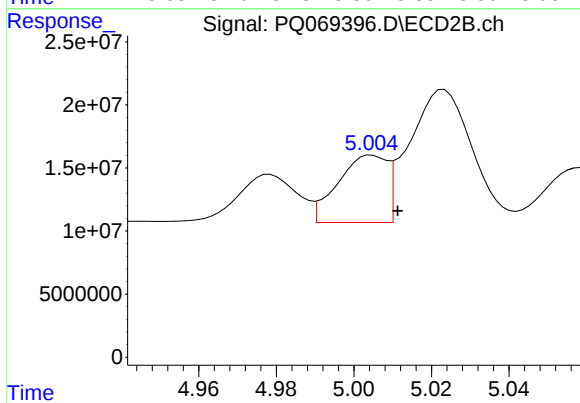
#27 AR-1254-2

R.T.: 4.626 min
Delta R.T.: -0.007 min
Response: 92133912
Conc: 159.87 ng/ml



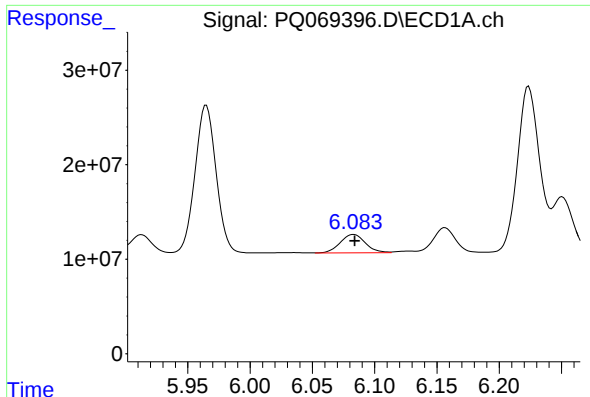
#28 AR-1254-3

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 44899166
Conc: 61.66 ng/ml



#28 AR-1254-3

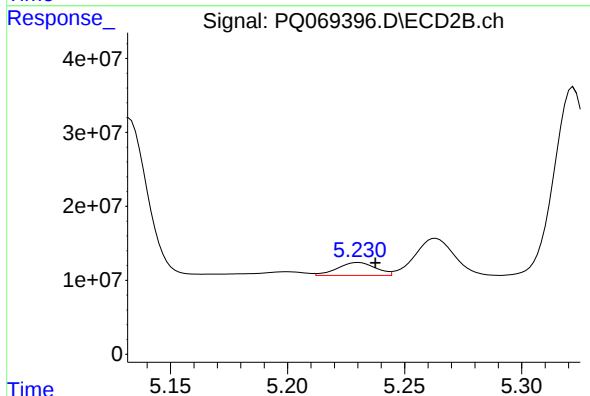
R.T.: 5.004 min
Delta R.T.: -0.007 min
Response: 46917676
Conc: 50.84 ng/ml



#29 AR-1254-4

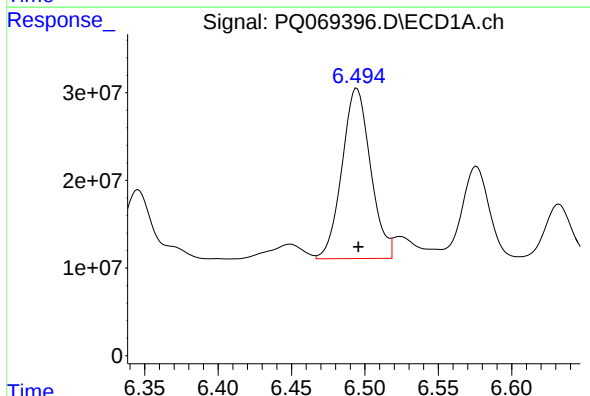
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 27455754
Conc: 51.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



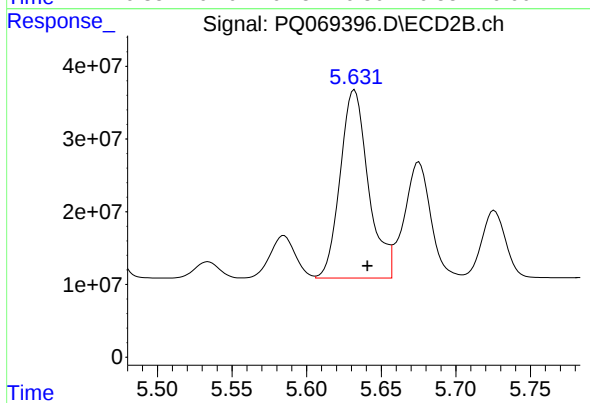
#29 AR-1254-4

R.T.: 5.230 min
Delta R.T.: -0.007 min
Response: 19667893
Conc: 32.68 ng/ml



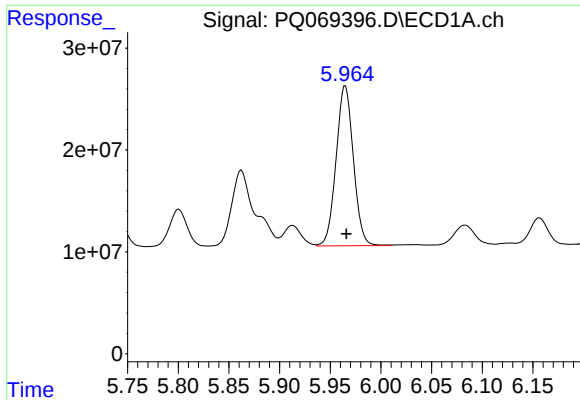
#30 AR-1254-5

R.T.: 6.495 min
Delta R.T.: -0.001 min
Response: 262740151
Conc: 448.53 ng/ml



#30 AR-1254-5

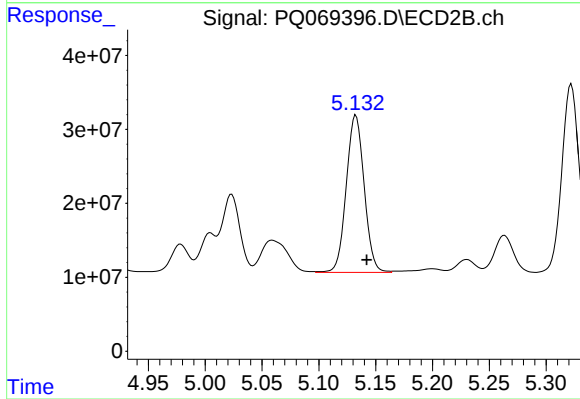
R.T.: 5.632 min
Delta R.T.: -0.009 min
Response: 341034054
Conc: 403.77 ng/ml



#31 AR-1260-1

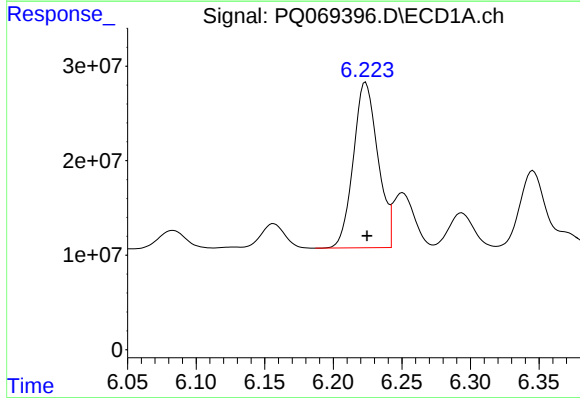
R.T.: 5.965 min
Delta R.T.: -0.001 min
Response: 186292153
Conc: 381.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



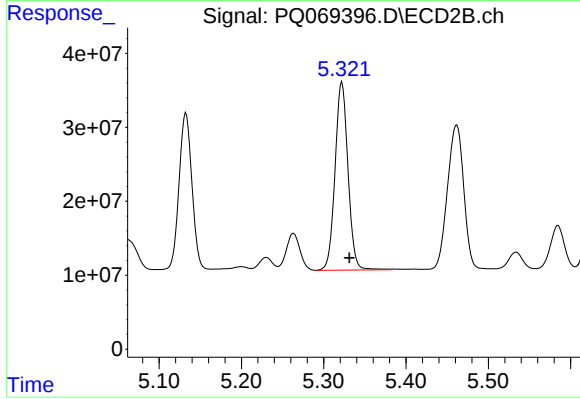
#31 AR-1260-1

R.T.: 5.133 min
Delta R.T.: -0.009 min
Response: 233270898
Conc: 405.93 ng/ml



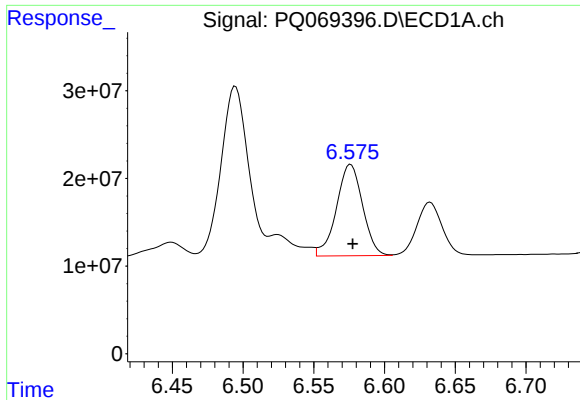
#32 AR-1260-2

R.T.: 6.224 min
Delta R.T.: -0.001 min
Response: 217871997
Conc: 368.23 ng/ml



#32 AR-1260-2

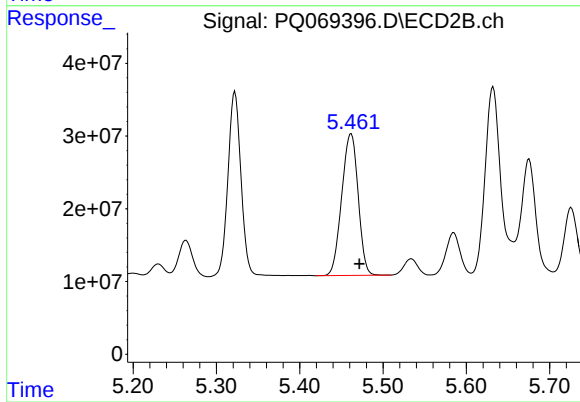
R.T.: 5.322 min
Delta R.T.: -0.009 min
Response: 277703057
Conc: 392.94 ng/ml



#33 AR-1260-3

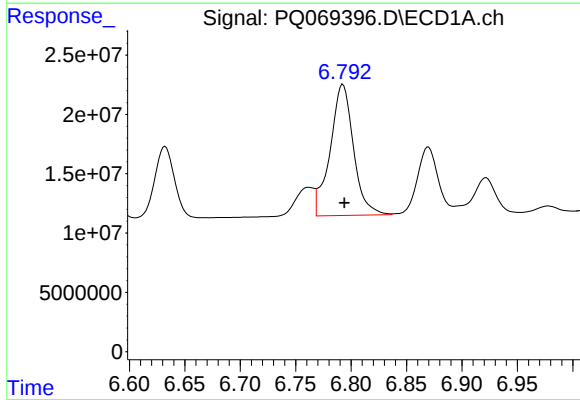
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 133958910
Conc: 305.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



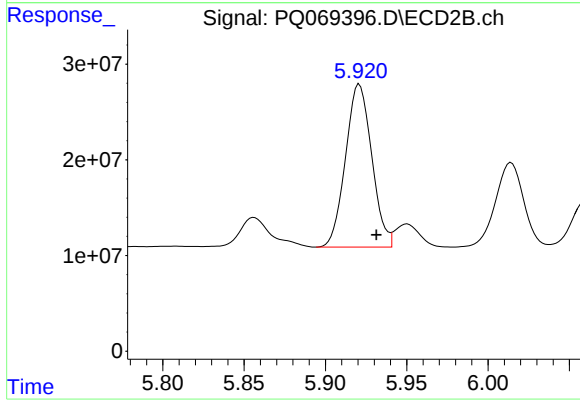
#33 AR-1260-3

R.T.: 5.462 min
Delta R.T.: -0.010 min
Response: 266588922
Conc: 398.18 ng/ml



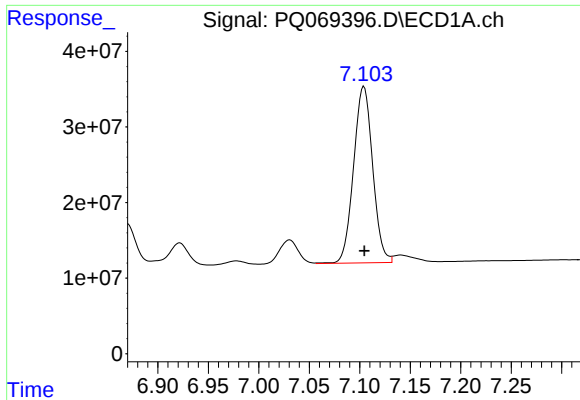
#34 AR-1260-4

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 162145977
Conc: 331.43 ng/ml



#34 AR-1260-4

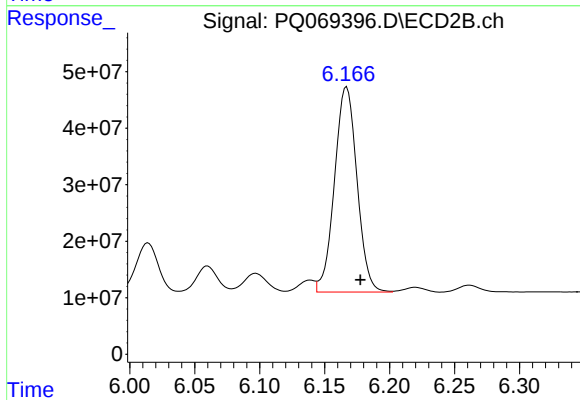
R.T.: 5.921 min
Delta R.T.: -0.010 min
Response: 191018783
Conc: 329.30 ng/ml



#35 AR-1260-5

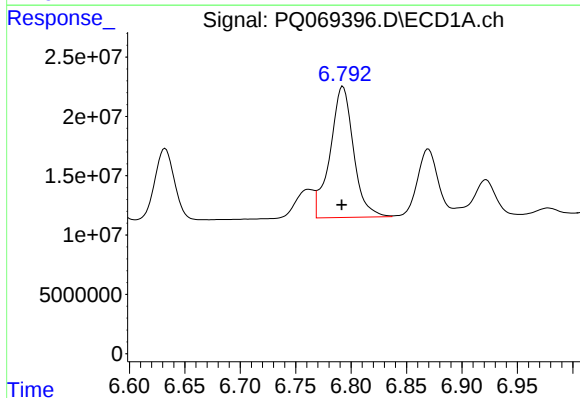
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 306736130
Conc: 304.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



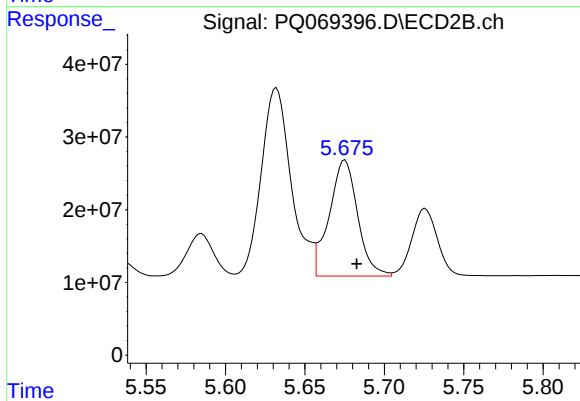
#35 AR-1260-5

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 437384977
Conc: 322.86 ng/ml



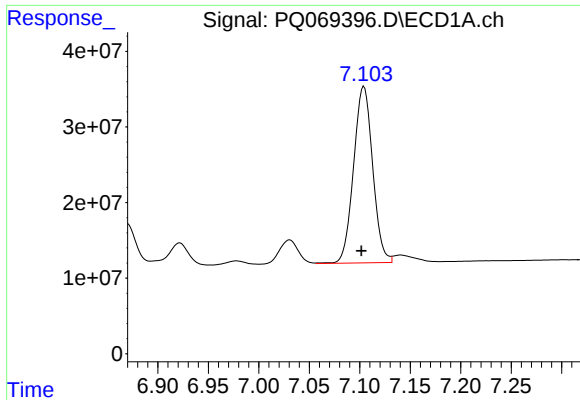
#36 AR-1262-1

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 162145977
Conc: 255.34 ng/ml



#36 AR-1262-1

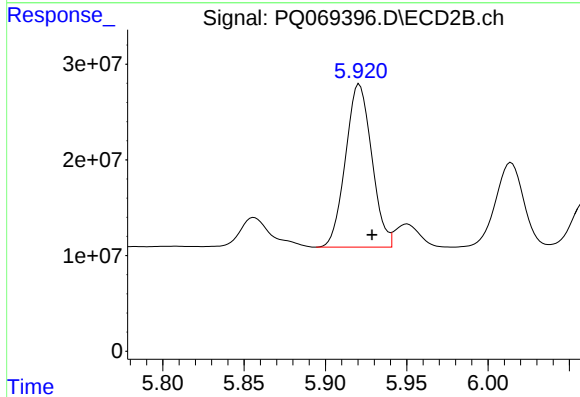
R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 199037210
Conc: 227.46 ng/ml



#37 AR-1262-2

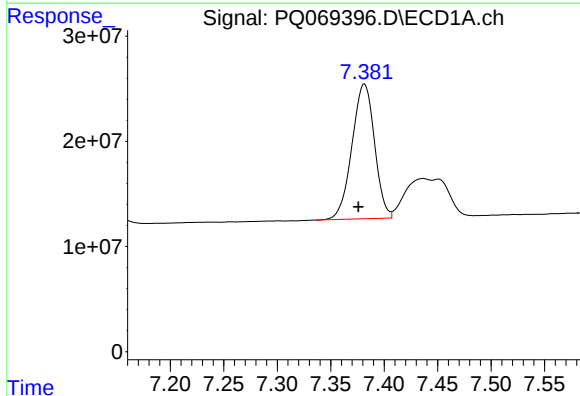
R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 306736130
Conc: 249.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



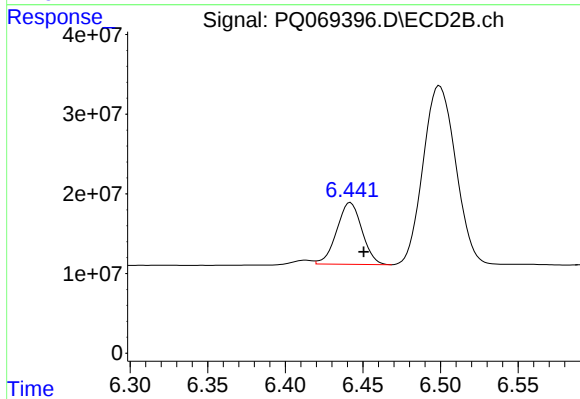
#37 AR-1262-2

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 191018783
Conc: 238.07 ng/ml



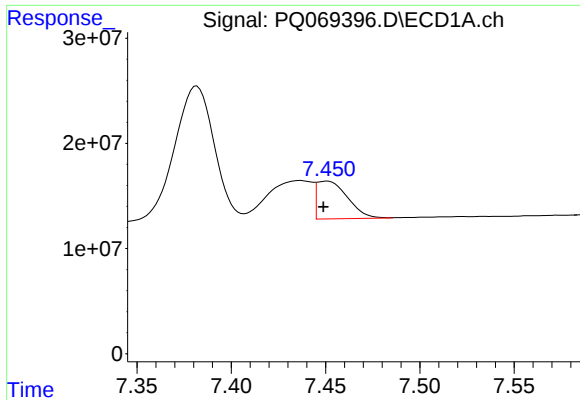
#38 AR-1262-3

R.T.: 7.382 min
Delta R.T.: 0.006 min
Response: 188104873
Conc: 238.68 ng/ml



#38 AR-1262-3

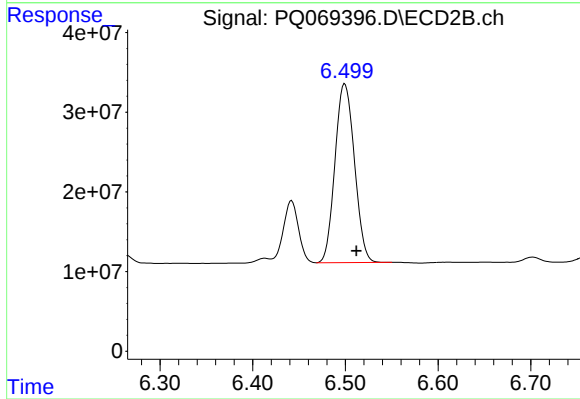
R.T.: 6.442 min
Delta R.T.: -0.009 min
Response: 87759804
Conc: 136.21 ng/ml



#39 AR-1262-4

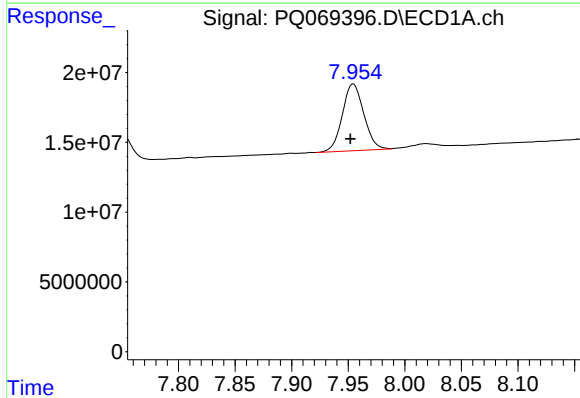
R.T.: 7.451 min
Delta R.T.: 0.002 min
Response: 40464223
Conc: 68.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



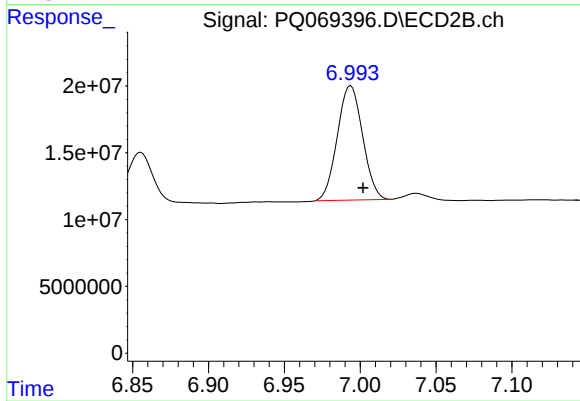
#39 AR-1262-4

R.T.: 6.499 min
Delta R.T.: -0.013 min
Response: 327876197
Conc: 281.12 ng/ml



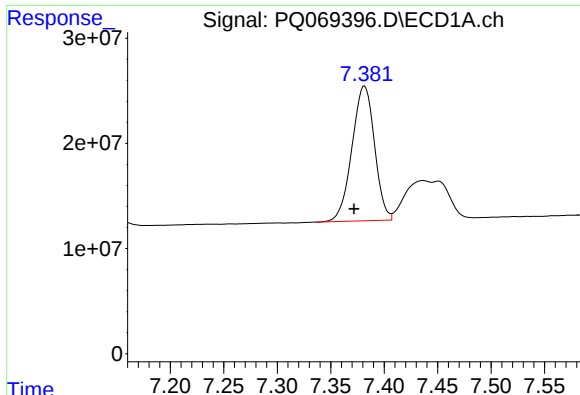
#40 AR-1262-5

R.T.: 7.955 min
Delta R.T.: 0.003 min
Response: 63025974
Conc: 161.68 ng/ml



#40 AR-1262-5

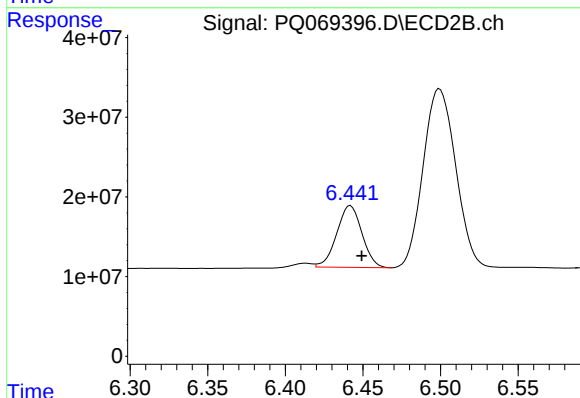
R.T.: 6.994 min
Delta R.T.: -0.008 min
Response: 99231113
Conc: 185.02 ng/ml



#41 AR-1268-1

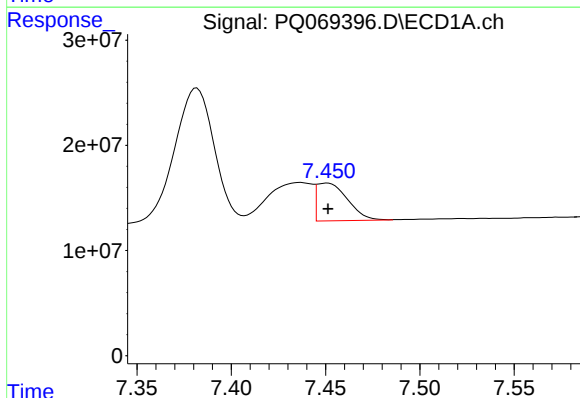
R.T.: 7.382 min
Delta R.T.: 0.010 min
Response: 188104873
Conc: 141.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



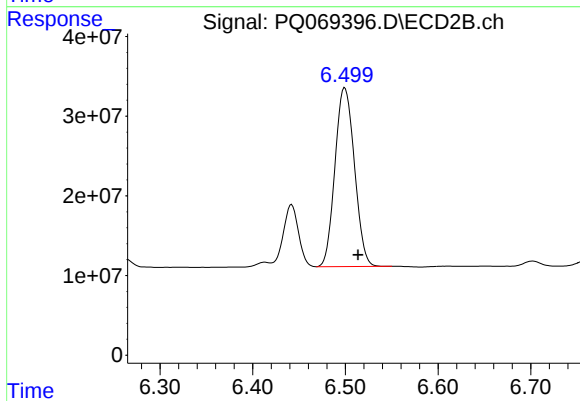
#41 AR-1268-1

R.T.: 6.442 min
Delta R.T.: -0.007 min
Response: 87759804
Conc: 49.25 ng/ml



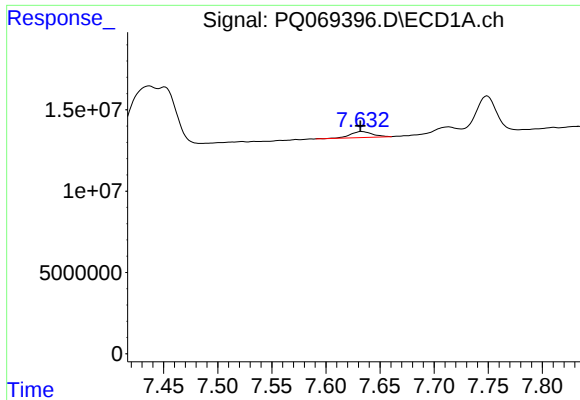
#42 AR-1268-2

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 40464223
Conc: 33.51 ng/ml



#42 AR-1268-2

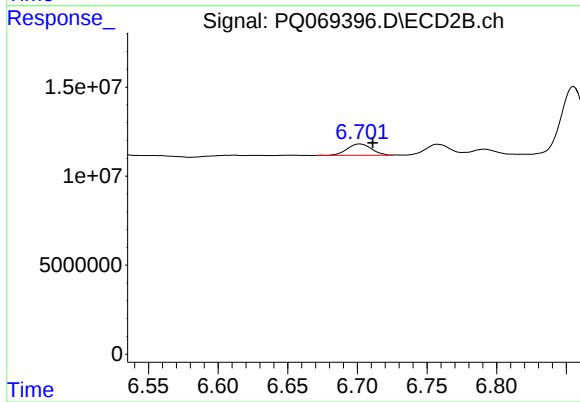
R.T.: 6.499 min
Delta R.T.: -0.014 min
Response: 327876197
Conc: 199.44 ng/ml



#43 AR-1268-3

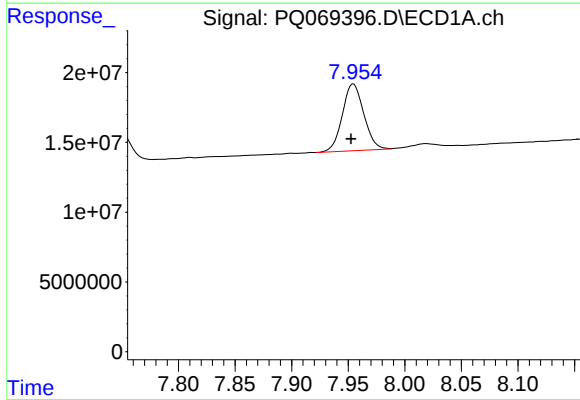
R.T.: 7.633 min
Delta R.T.: 0.001 min
Response: 5257661
Conc: 5.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



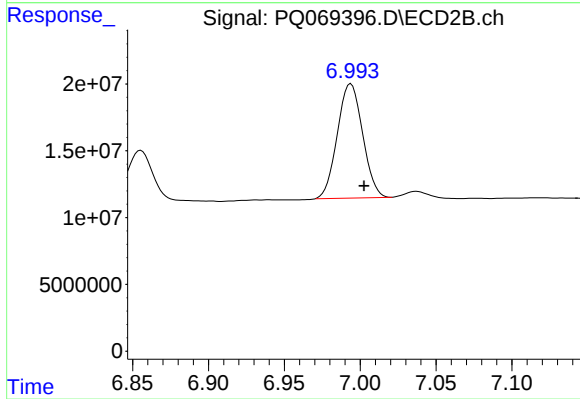
#43 AR-1268-3

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 7812200
Conc: 5.54 ng/ml



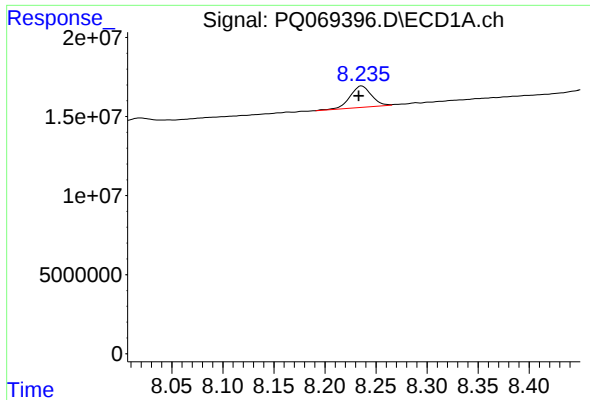
#44 AR-1268-4

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 63025974
Conc: 152.92 ng/ml



#44 AR-1268-4

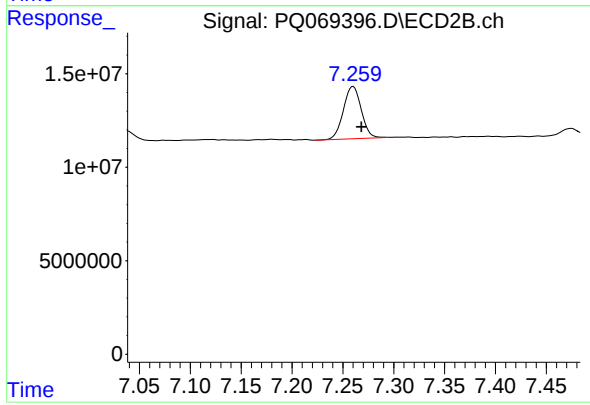
R.T.: 6.994 min
Delta R.T.: -0.009 min
Response: 99231113
Conc: 173.57 ng/ml



#45 AR-1268-5

R.T.: 8.236 min
Delta R.T.: 0.003 min
Response: 19798547
Conc: 6.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.260 min
Delta R.T.: -0.008 min
Response: 34205241
Conc: 7.88 ng/ml