

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110118\
 Data File : PQ033987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2018 22:23
 Operator : SM\SJ
 Sample : J5701-16DL 1000X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:45:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 17:29:03 2018
 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...	4.537	3.842	2256132	41522	1.100	0.027 #
2)	SA Decachlor...	10.374	8.872	882657	1043457	0.467	0.649 #
Target Compounds							
3)	L1 AR-1016-1	5.729	4.925	280.2E6	252.3E6	4023.753	4406.537
4)	L1 AR-1016-2	5.752	4.943	567.3E6	443.2E6	5507.659	5561.992
5)	L1 AR-1016-3	5.815	5.121	230.9E6	198.0E6	3688.253	4773.067 #
6)	L1 AR-1016-4	5.914	5.160	183.2E6	138.3E6	3623.758	4036.332
7)	L1 AR-1016-5	6.208	5.375	124.4E6	190.5E6	2415.015	4170.089 #
9)	L2 AR-1221-2	4.851	4.178	20989858	21783	1274.963	1.647 #
10)	L2 AR-1221-3	0.000	4.212	0	8749505	N.D.	191.325 #
11)	L3 AR-1232-1	0.000	4.212	0	8749505	N.D.	252.841 #
12)	L3 AR-1232-2	5.461	4.975	241.9E6	23579681	10240.640	627.081 #
13)	L3 AR-1232-3	5.752	5.160	567.3E6	138.3E6	11866.512	7061.253 #
14)	L3 AR-1232-4	5.914	5.234	183.2E6	69052607	7689.257	4023.291 #
15)	L3 AR-1232-5	6.047	5.416	230.9E6	75641314	12946.137	3879.020 #
16)	L4 AR-1242-1	5.752	4.943	567.3E6	443.2E6	9506.775	9108.436
17)	L4 AR-1242-2	5.752	4.975	567.3E6	23579681	6532.485	349.330 #
18)	L4 AR-1242-3	5.815	5.160	230.9E6	138.3E6	4416.779	3775.533
19)	L4 AR-1242-4	5.914	5.234	183.2E6	69052607	4247.059	1874.747 #
20)	L4 AR-1242-5	6.651	5.768	105.0E6	76635003	2130.915	1595.248 #
21)	L5 AR-1248-1	5.752	4.943	567.3E6	443.2E6	11437.541	10815.094
22)	L5 AR-1248-2	6.047	5.202	230.9E6	194.8E6	3139.044	3545.563
23)	L5 AR-1248-3	6.249	5.234	61170329	69052607	748.495	1233.026 #
24)	L5 AR-1248-4	6.651	5.416	105.0E6	75641314	1121.458	1096.745
25)	L5 AR-1248-5	6.651	5.801	105.0E6	12089183	1182.865	174.882 #
26)	L6 AR-1254-1	6.612	5.768	113.5E6	76635003	1145.392	680.226 #
27)	L6 AR-1254-2	6.849	5.872	24362265	9020701	155.890	91.353 #
28)	L6 AR-1254-3	7.172	6.350	6947289	1012187	40.942	6.091 #
29)	L6 AR-1254-4	7.457	6.536	7995051	394817	64.751	3.711 #
30)	L6 AR-1254-5	7.873	6.923	1353270	2822248	10.223	19.214 #
31)	L7 AR-1260-1	7.341	6.424	1213799	2089793	11.348	22.250 #
32)	L7 AR-1260-2	7.591	6.592	458763	1667516	3.633	14.312 #
33)	L7 AR-1260-3	8.005	6.748	2083632	2294251	26.750	21.274
34)	L7 AR-1260-4	8.189	7.222	327882	1096992	3.239	14.271 #
35)	L7 AR-1260-5	8.548	7.458	2824889	2288310	14.960	11.911
36)	L8 AR-1262-1	8.005	6.995	2083632	1089190	15.459	8.475 #
37)	L8 AR-1262-2	8.548	7.497	2824889	503816	11.424	2.103 #
38)	L8 AR-1262-3	8.848	7.761	513786	1670440	3.106	17.933 #
39)	L8 AR-1262-4	8.951	7.838	1095895	974677	16.080	5.599 #
40)	L8 AR-1262-5	9.655	8.368	1469880	31465	16.800	0.390 #
41)	L9 AR-1268-1	8.848	7.761	513786	1670440	1.401	4.886 #
42)	L9 AR-1268-2	8.951	7.838	1095895	974677	3.288	3.154

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110118\
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 Operator : SM\SJ
 Sample : J5701-16DL 1000X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

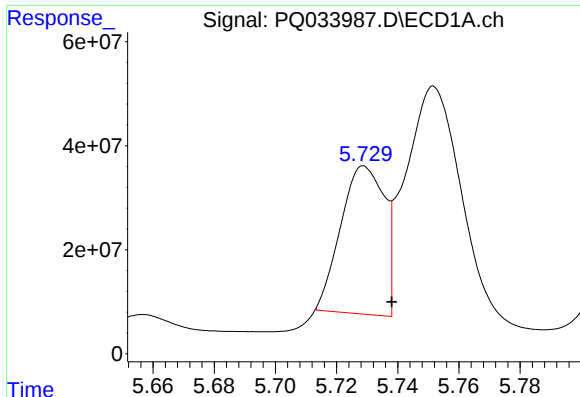
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:45:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	9.182	8.045	368625	2615757	1.308	10.224 #
44) L9	AR-1268-4	9.655	8.368	1469880	31465	12.166	0.285 #
45) L9	AR-1268-5	10.066	8.649	614782	610572	0.665	0.730

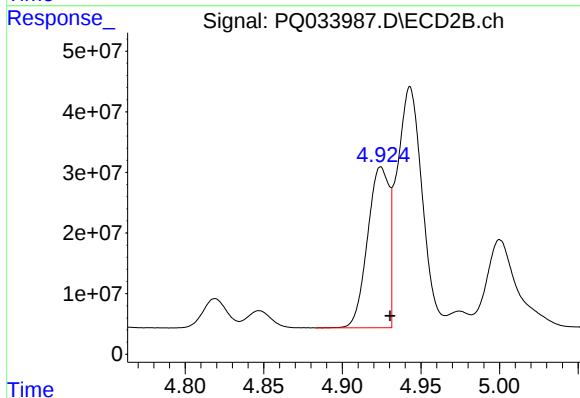
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

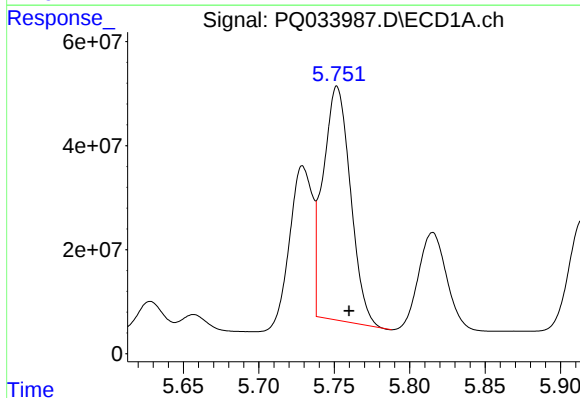
R.T.: 5.729 min
Delta R.T.: -0.009 min
Response: 280172974
Conc: 4023.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



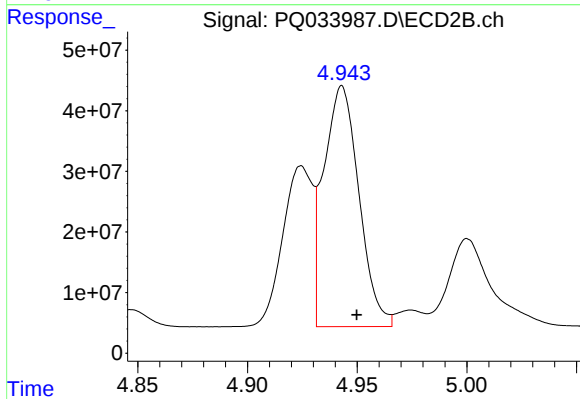
#3 AR-1016-1

R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 252264739
Conc: 4406.54 ng/ml



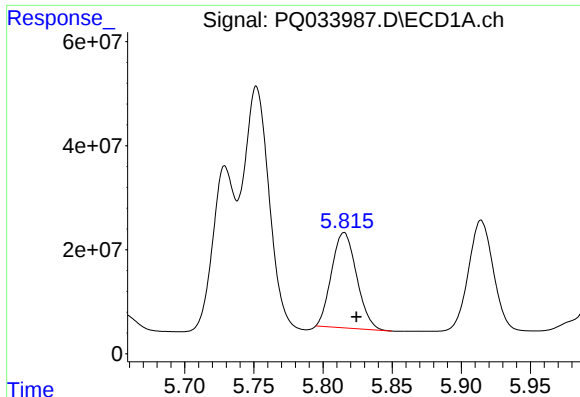
#4 AR-1016-2

R.T.: 5.752 min
Delta R.T.: -0.008 min
Response: 567333177
Conc: 5507.66 ng/ml



#4 AR-1016-2

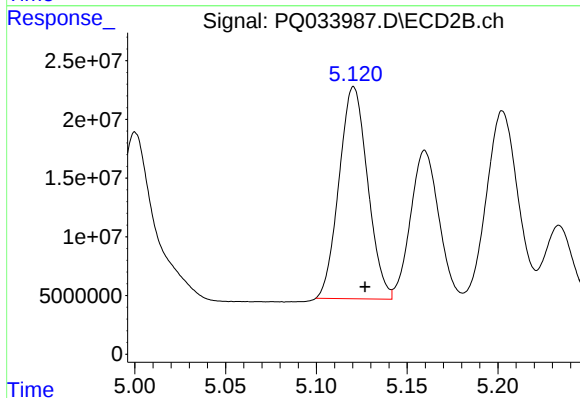
R.T.: 4.943 min
Delta R.T.: -0.007 min
Response: 443200611
Conc: 5561.99 ng/ml



#5 AR-1016-3

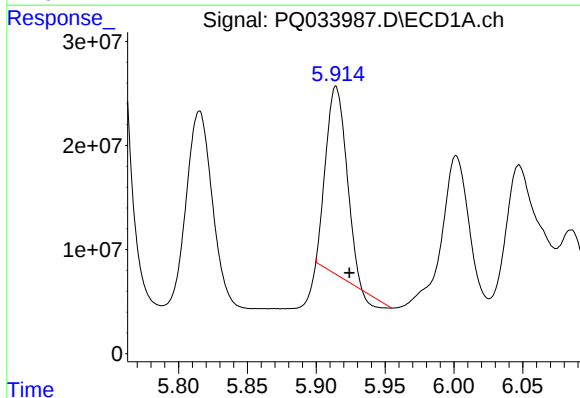
R.T.: 5.815 min
Delta R.T.: -0.009 min
Response: 230948152
Conc: 3688.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



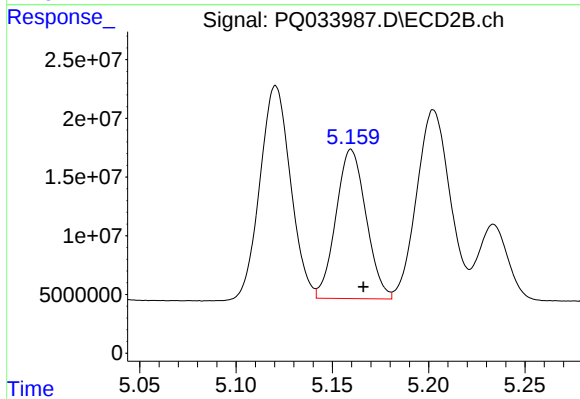
#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: -0.006 min
Response: 197987959
Conc: 4773.07 ng/ml



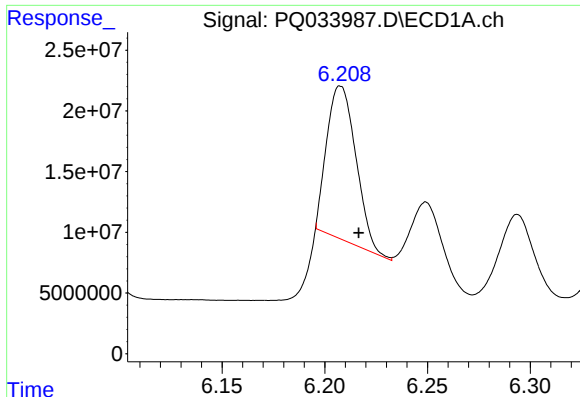
#6 AR-1016-4

R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 183150512
Conc: 3623.76 ng/ml



#6 AR-1016-4

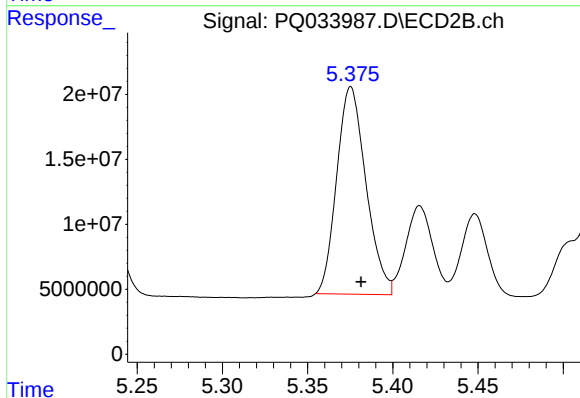
R.T.: 5.160 min
Delta R.T.: -0.006 min
Response: 138300215
Conc: 4036.33 ng/ml



#7 AR-1016-5

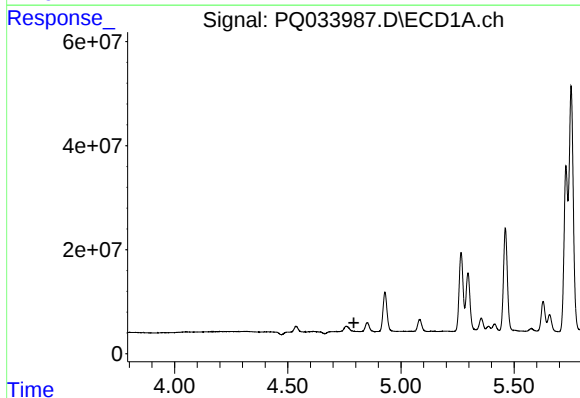
R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 124447952
Conc: 2415.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



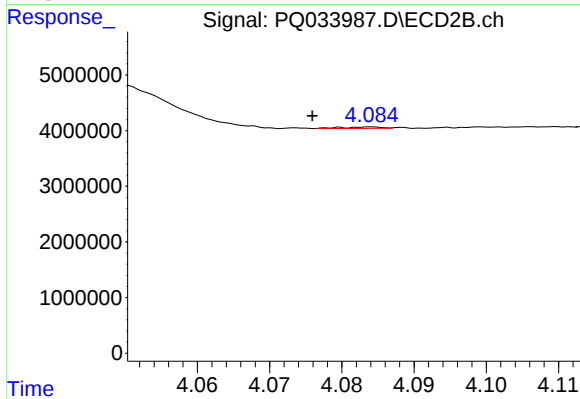
#7 AR-1016-5

R.T.: 5.375 min
Delta R.T.: -0.006 min
Response: 190535407
Conc: 4170.09 ng/ml



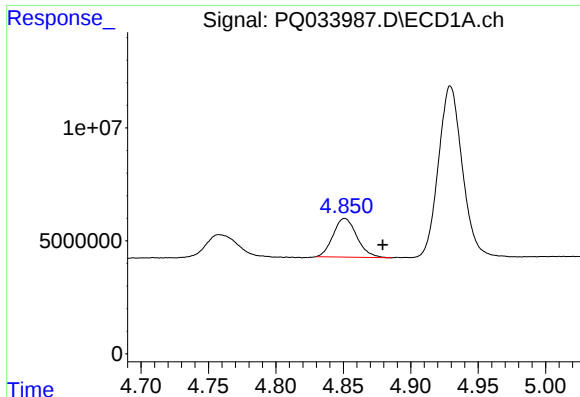
#8 AR-1221-1

R.T.: 4.758 min
Delta R.T.: -0.034 min
Response: -1659667
Conc: N.D.



#8 AR-1221-1

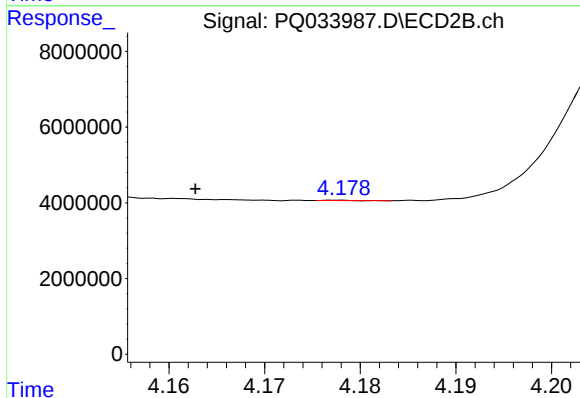
R.T.: 4.084 min
Delta R.T.: 0.008 min
Response: 100477
Conc: 5.44 ng/ml



#9 AR-1221-2

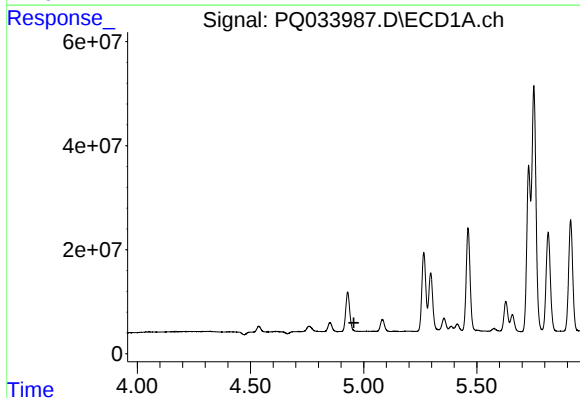
R.T.: 4.851 min
Delta R.T.: -0.028 min
Response: 20989858
Conc: 1274.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



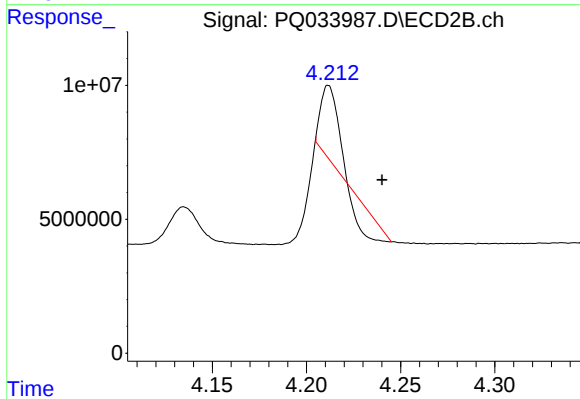
#9 AR-1221-2

R.T.: 4.178 min
Delta R.T.: 0.015 min
Response: 21783
Conc: 1.65 ng/ml



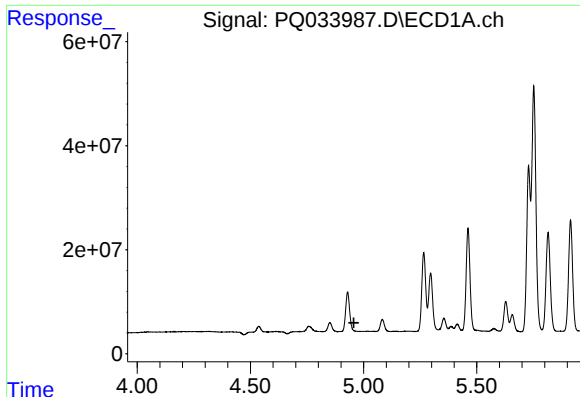
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



#10 AR-1221-3

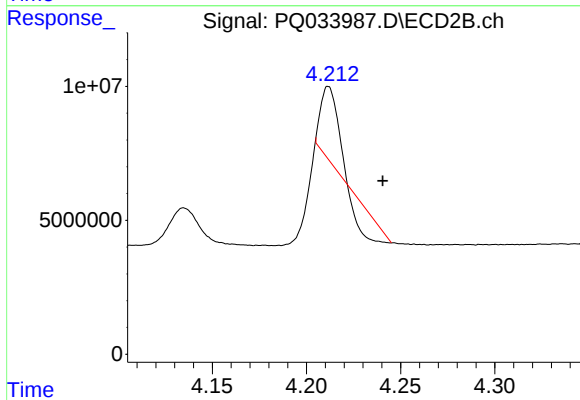
R.T.: 4.212 min
Delta R.T.: -0.028 min
Response: 8749505
Conc: 191.32 ng/ml



#11 AR-1232-1

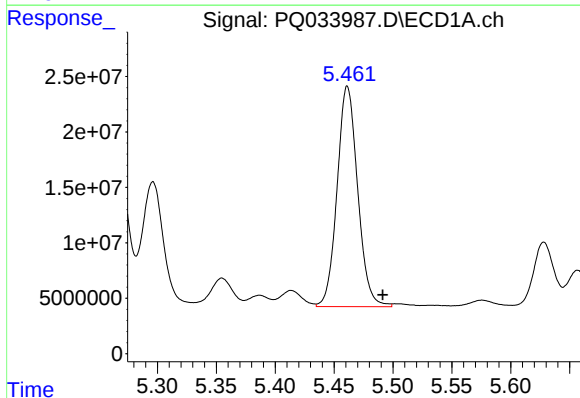
R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



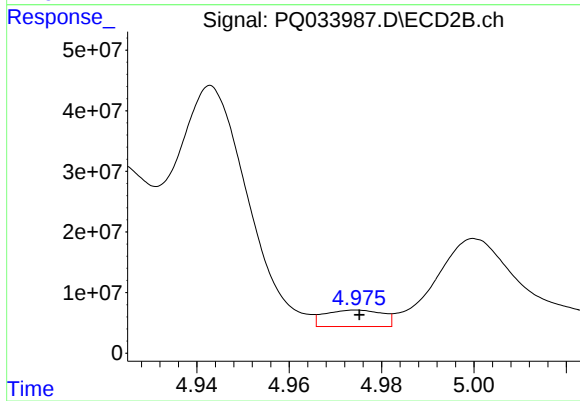
#11 AR-1232-1

R.T.: 4.212 min
Delta R.T.: -0.029 min
Response: 8749505
Conc: 252.84 ng/ml



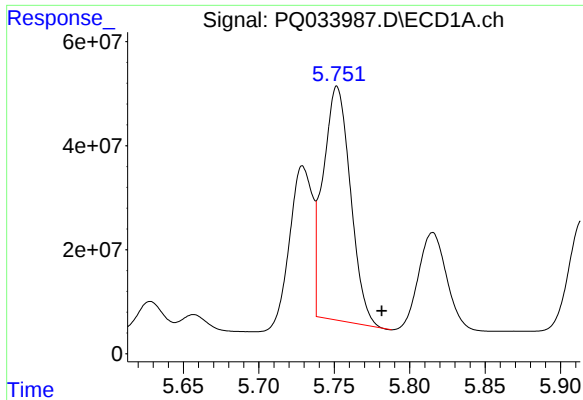
#12 AR-1232-2

R.T.: 5.461 min
Delta R.T.: -0.030 min
Response: 241871810
Conc: 10240.64 ng/ml



#12 AR-1232-2

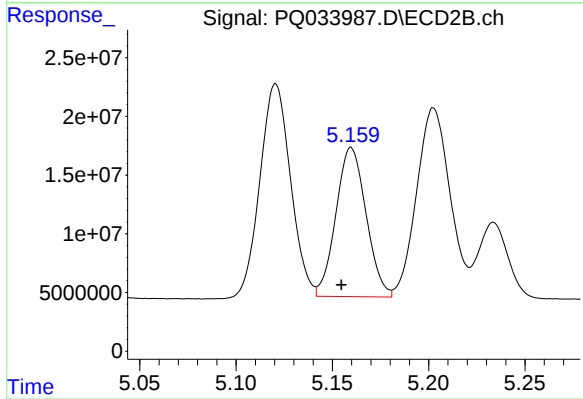
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 23579681
Conc: 627.08 ng/ml



#13 AR-1232-3

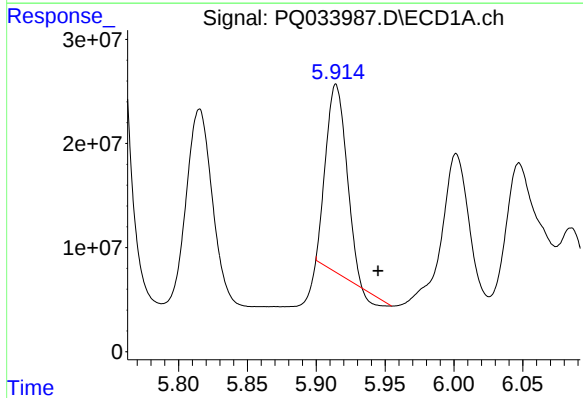
R.T.: 5.752 min
Delta R.T.: -0.030 min
Response: 567333177
Conc: 11866.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



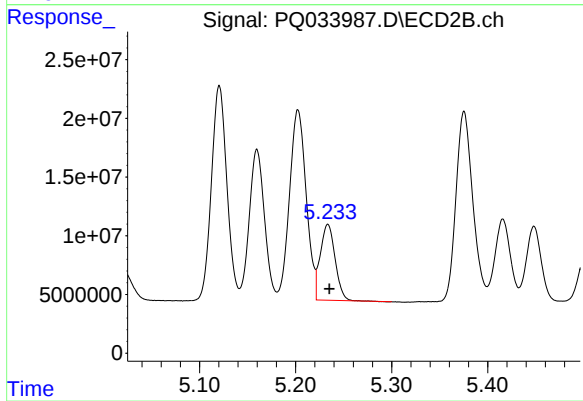
#13 AR-1232-3

R.T.: 5.160 min
Delta R.T.: 0.005 min
Response: 138300215
Conc: 7061.25 ng/ml



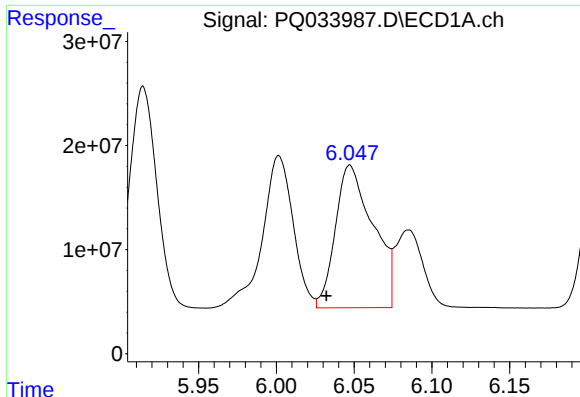
#14 AR-1232-4

R.T.: 5.914 min
Delta R.T.: -0.031 min
Response: 183150512
Conc: 7689.26 ng/ml



#14 AR-1232-4

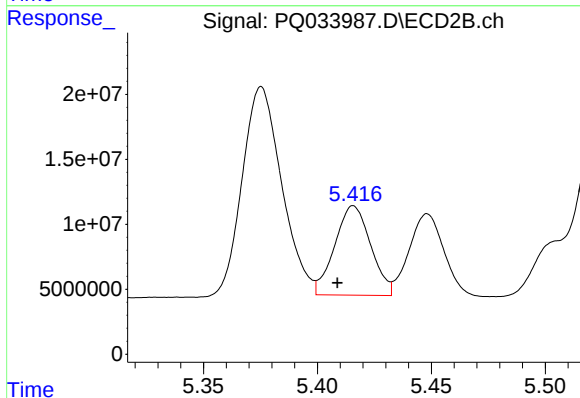
R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 69052607
Conc: 4023.29 ng/ml



#15 AR-1232-5

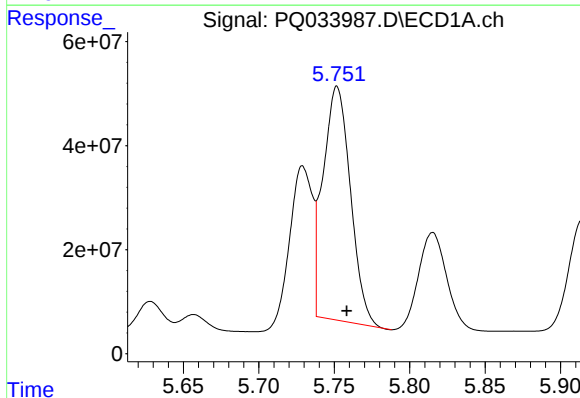
R.T.: 6.047 min
Delta R.T.: 0.015 min
Response: 230883694
Conc: 12946.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



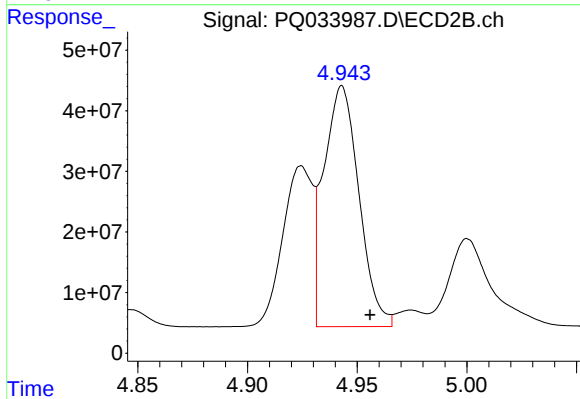
#15 AR-1232-5

R.T.: 5.416 min
Delta R.T.: 0.007 min
Response: 75641314
Conc: 3879.02 ng/ml



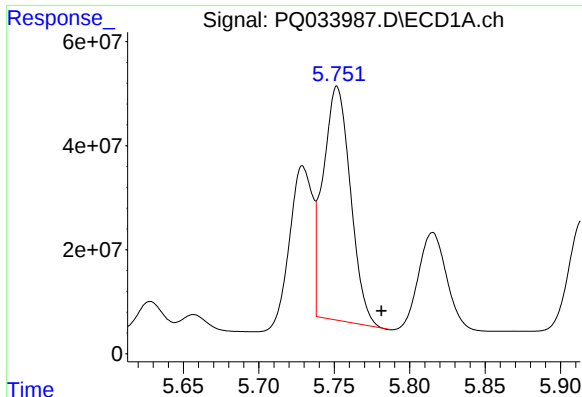
#16 AR-1242-1

R.T.: 5.752 min
Delta R.T.: -0.007 min
Response: 567333177
Conc: 9506.77 ng/ml



#16 AR-1242-1

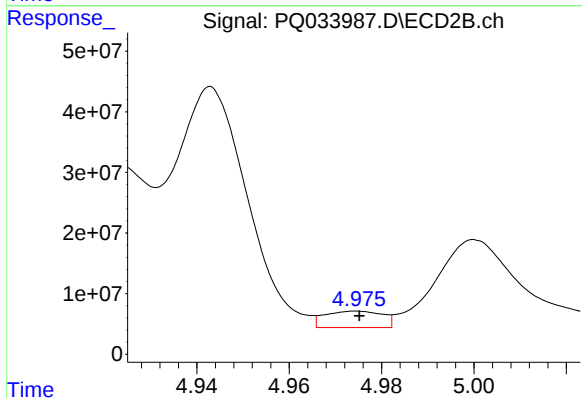
R.T.: 4.943 min
Delta R.T.: -0.013 min
Response: 443200611
Conc: 9108.44 ng/ml



#17 AR-1242-2

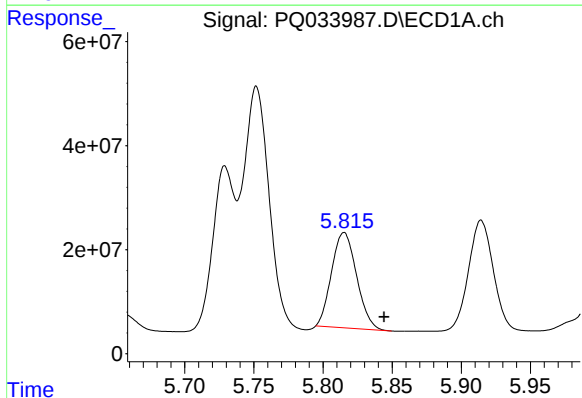
R.T.: 5.752 min
Delta R.T.: -0.029 min
Response: 567333177
Conc: 6532.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



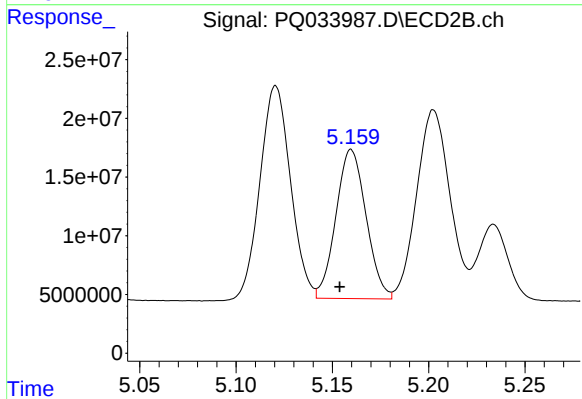
#17 AR-1242-2

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 23579681
Conc: 349.33 ng/ml



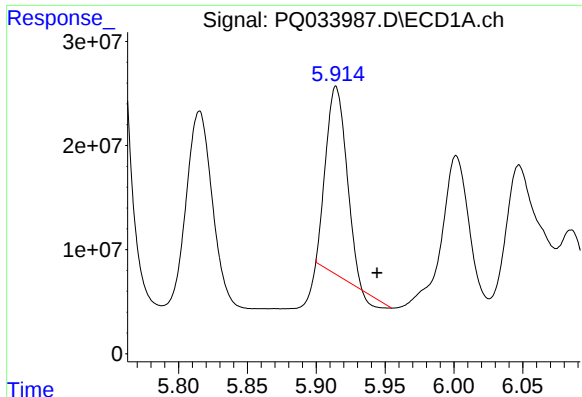
#18 AR-1242-3

R.T.: 5.815 min
Delta R.T.: -0.029 min
Response: 230948152
Conc: 4416.78 ng/ml



#18 AR-1242-3

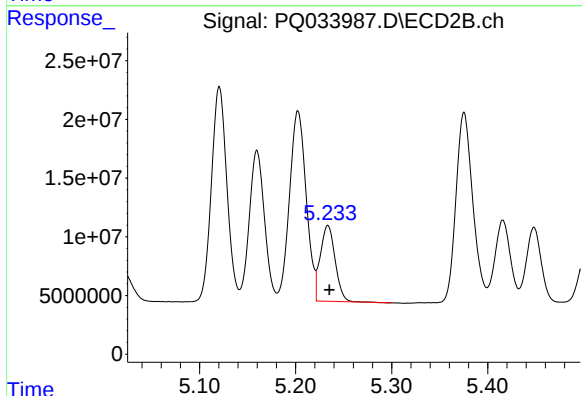
R.T.: 5.160 min
Delta R.T.: 0.006 min
Response: 138300215
Conc: 3775.53 ng/ml



#19 AR-1242-4

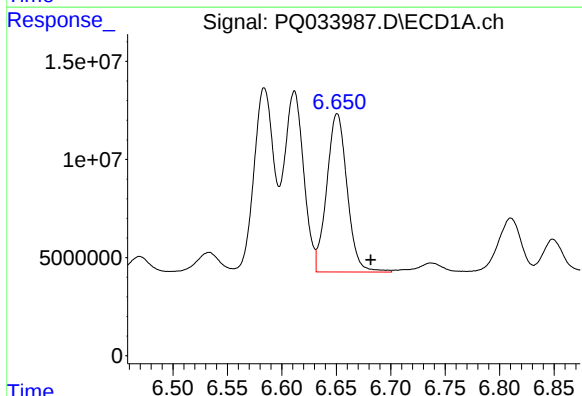
R.T.: 5.914 min
Delta R.T.: -0.030 min
Response: 183150512
Conc: 4247.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



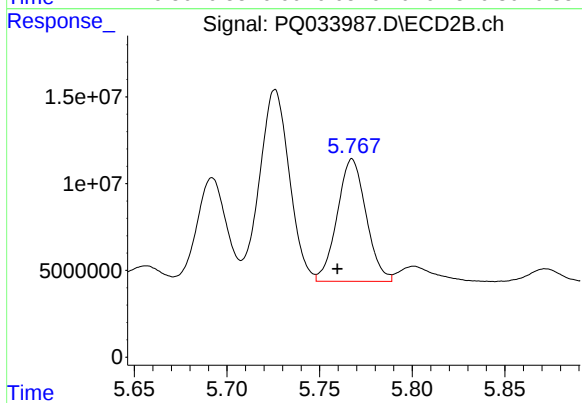
#19 AR-1242-4

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 69052607
Conc: 1874.75 ng/ml



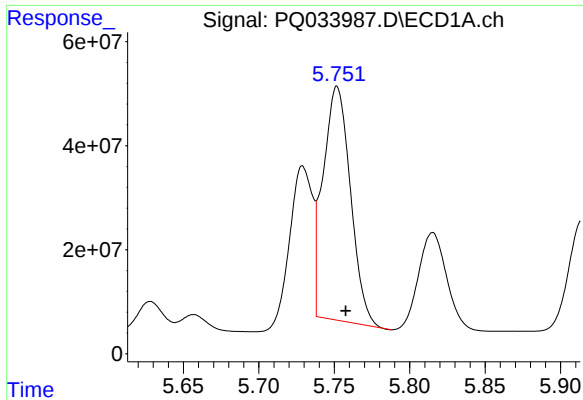
#20 AR-1242-5

R.T.: 6.651 min
Delta R.T.: -0.031 min
Response: 105048455
Conc: 2130.92 ng/ml



#20 AR-1242-5

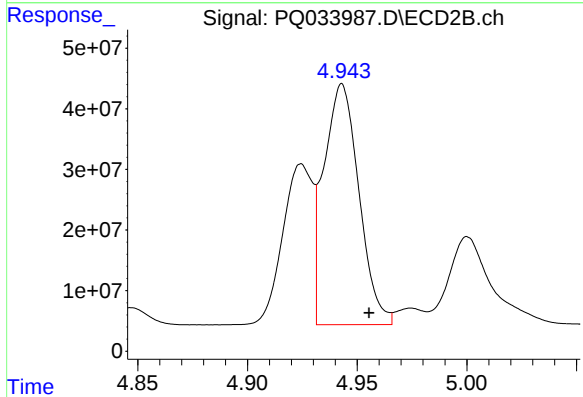
R.T.: 5.768 min
Delta R.T.: 0.008 min
Response: 76635003
Conc: 1595.25 ng/ml



#21 AR-1248-1

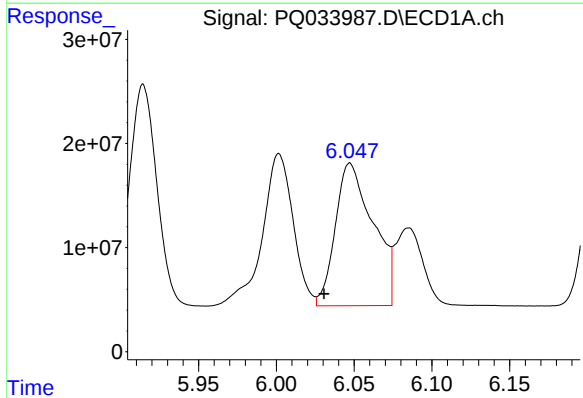
R.T.: 5.752 min
Delta R.T.: -0.006 min
Response: 567333177
Conc: 11437.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



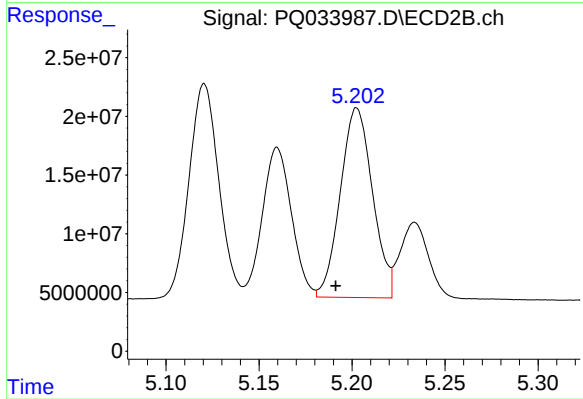
#21 AR-1248-1

R.T.: 4.943 min
Delta R.T.: -0.012 min
Response: 443200611
Conc: 10815.09 ng/ml



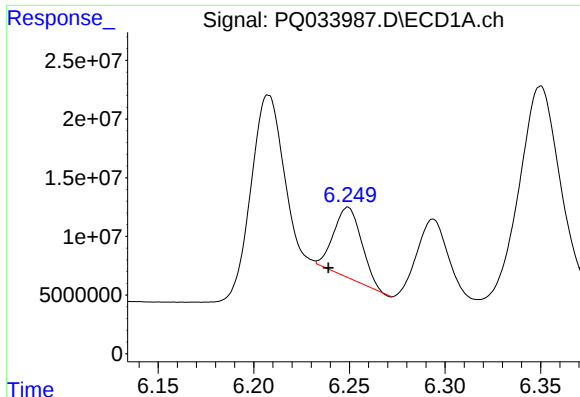
#22 AR-1248-2

R.T.: 6.047 min
Delta R.T.: 0.017 min
Response: 230883694
Conc: 3139.04 ng/ml



#22 AR-1248-2

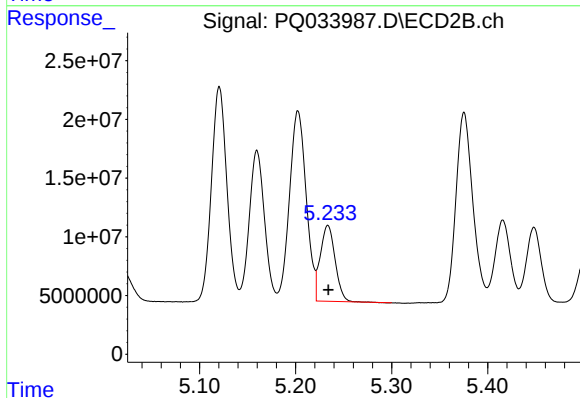
R.T.: 5.202 min
Delta R.T.: 0.011 min
Response: 194791192
Conc: 3545.56 ng/ml



#23 AR-1248-3

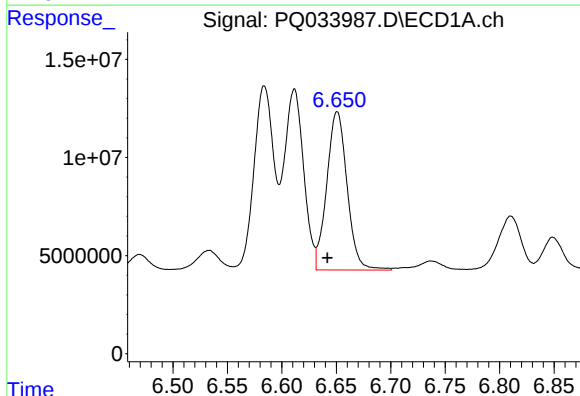
R.T.: 6.249 min
Delta R.T.: 0.010 min
Response: 61170329
Conc: 748.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



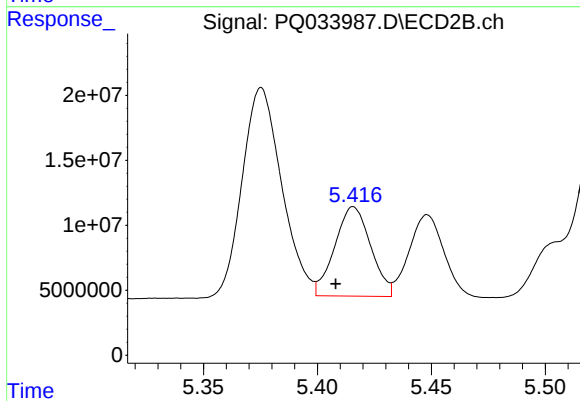
#23 AR-1248-3

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 69052607
Conc: 1233.03 ng/ml



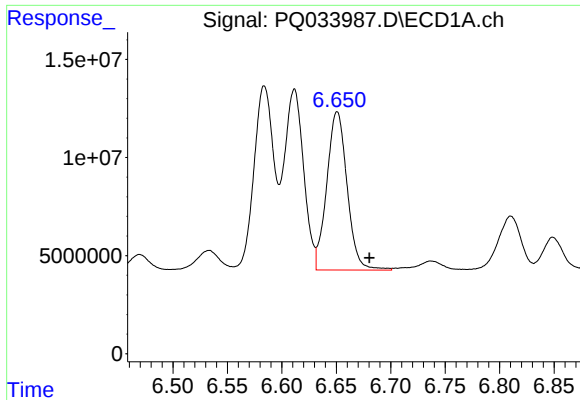
#24 AR-1248-4

R.T.: 6.651 min
Delta R.T.: 0.009 min
Response: 105048455
Conc: 1121.46 ng/ml



#24 AR-1248-4

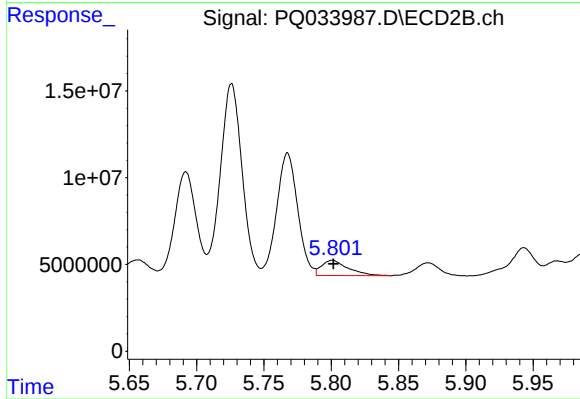
R.T.: 5.416 min
Delta R.T.: 0.008 min
Response: 75641314
Conc: 1096.74 ng/ml



#25 AR-1248-5

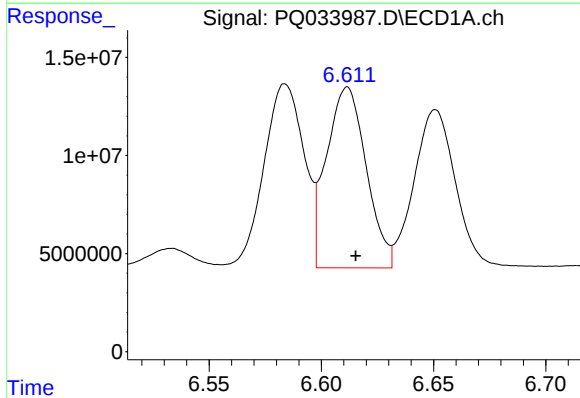
R.T.: 6.651 min
Delta R.T.: -0.029 min
Response: 105048455
Conc: 1182.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



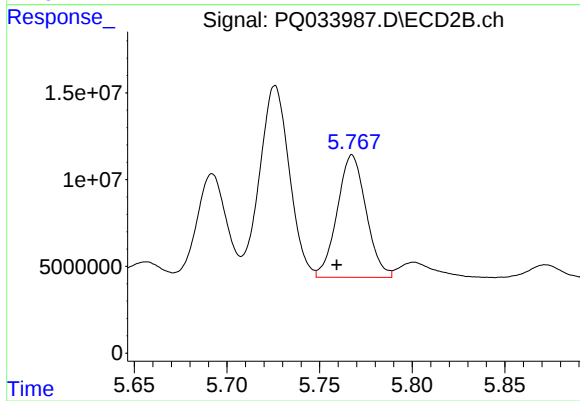
#25 AR-1248-5

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 12089183
Conc: 174.88 ng/ml



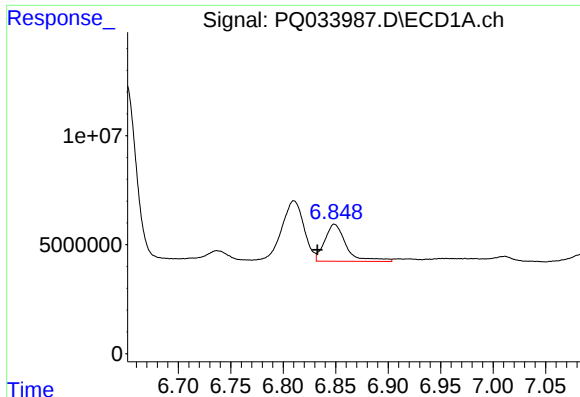
#26 AR-1254-1

R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 113510577
Conc: 1145.39 ng/ml



#26 AR-1254-1

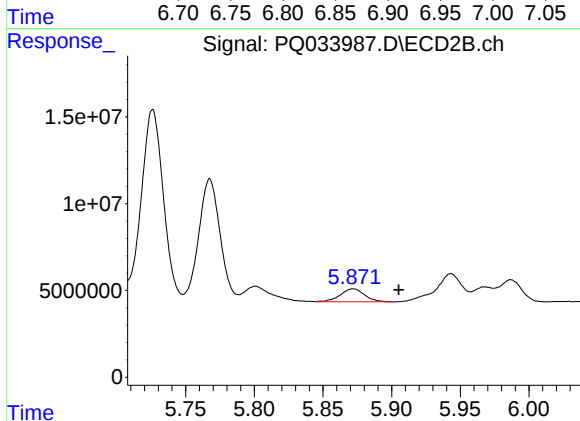
R.T.: 5.768 min
Delta R.T.: 0.008 min
Response: 76635003
Conc: 680.23 ng/ml



#27 AR-1254-2

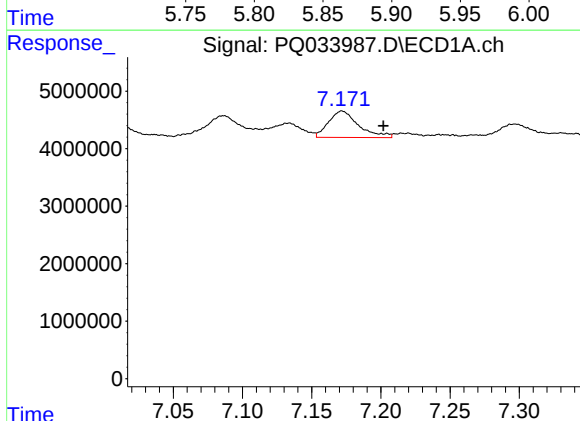
R.T.: 6.849 min
Delta R.T.: 0.016 min
Response: 24362265
Conc: 155.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



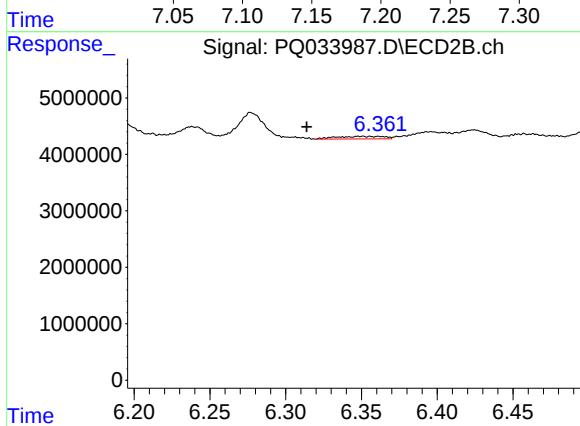
#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.033 min
Response: 9020701
Conc: 91.35 ng/ml



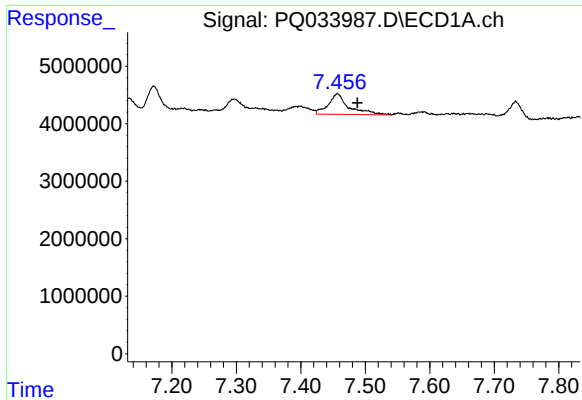
#28 AR-1254-3

R.T.: 7.172 min
Delta R.T.: -0.030 min
Response: 6947289
Conc: 40.94 ng/ml



#28 AR-1254-3

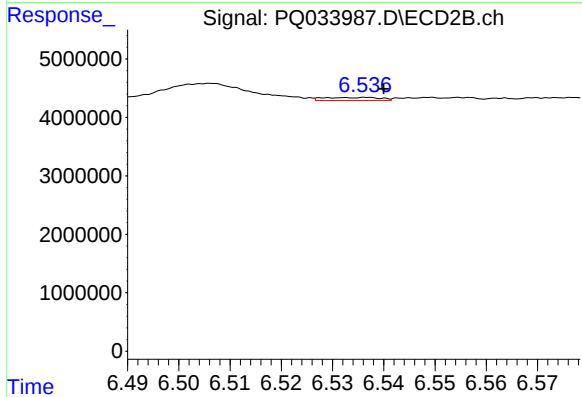
R.T.: 6.350 min
Delta R.T.: 0.036 min
Response: 1012187
Conc: 6.09 ng/ml



#29 AR-1254-4

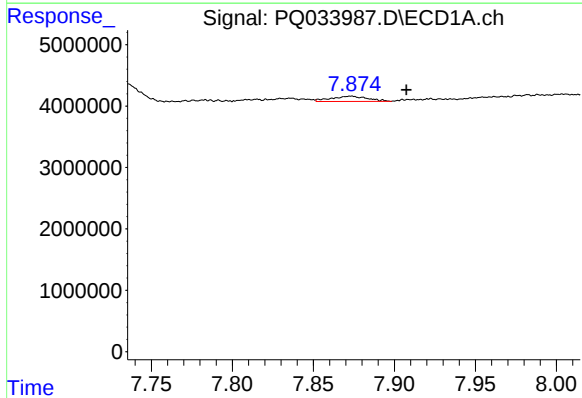
R.T.: 7.457 min
Delta R.T.: -0.031 min
Response: 7995051
Conc: 64.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



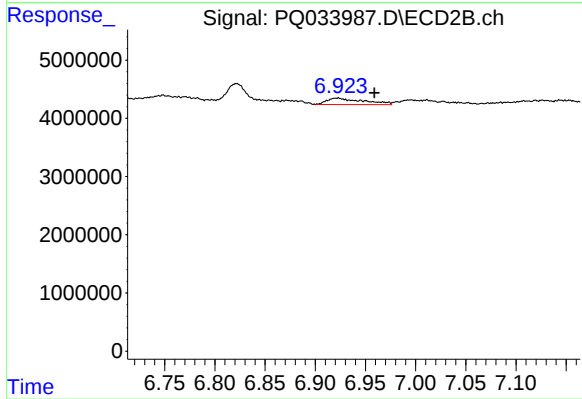
#29 AR-1254-4

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 394817
Conc: 3.71 ng/ml



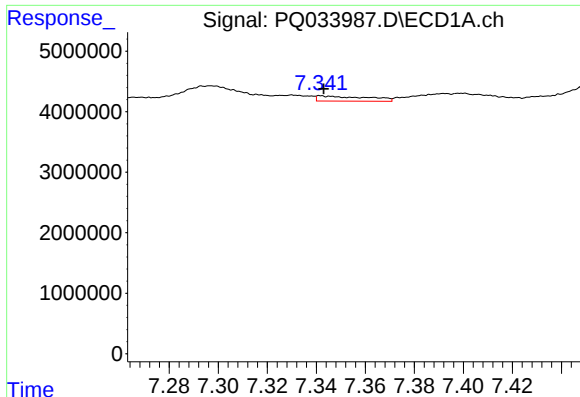
#30 AR-1254-5

R.T.: 7.873 min
Delta R.T.: -0.034 min
Response: 1353270
Conc: 10.22 ng/ml



#30 AR-1254-5

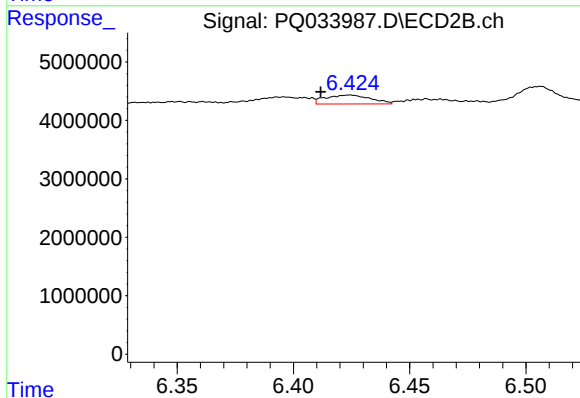
R.T.: 6.923 min
Delta R.T.: -0.036 min
Response: 2822248
Conc: 19.21 ng/ml



#31 AR-1260-1

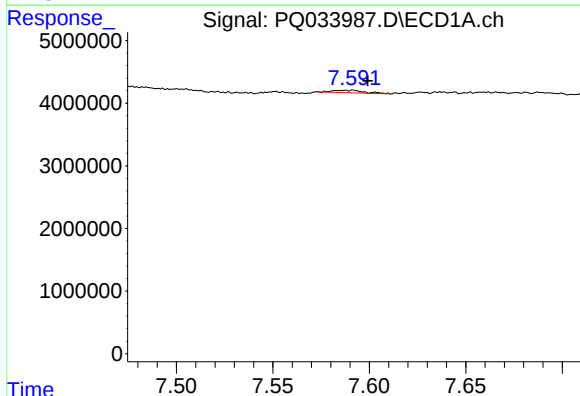
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 1213799
Conc: 11.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



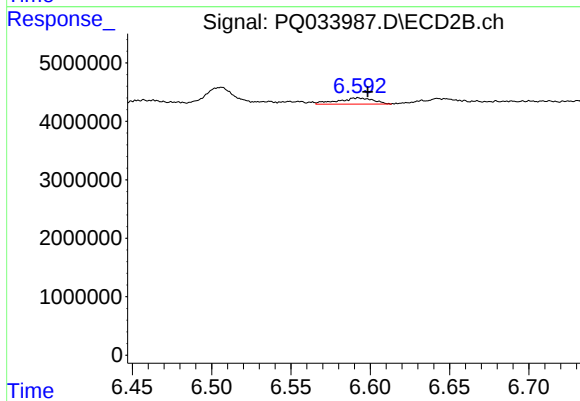
#31 AR-1260-1

R.T.: 6.424 min
Delta R.T.: 0.013 min
Response: 2089793
Conc: 22.25 ng/ml



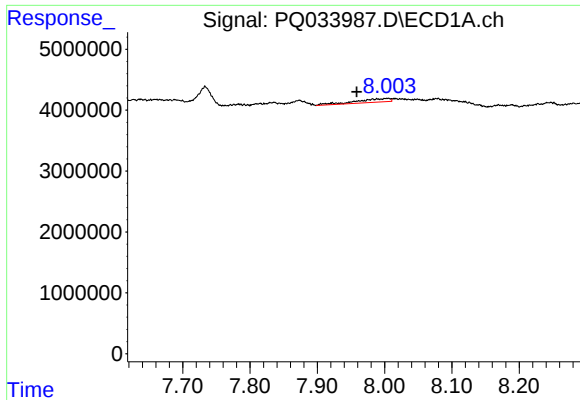
#32 AR-1260-2

R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 458763
Conc: 3.63 ng/ml



#32 AR-1260-2

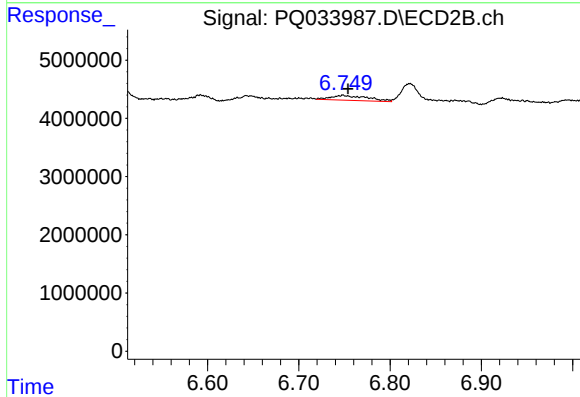
R.T.: 6.592 min
Delta R.T.: -0.006 min
Response: 1667516
Conc: 14.31 ng/ml



#33 AR-1260-3

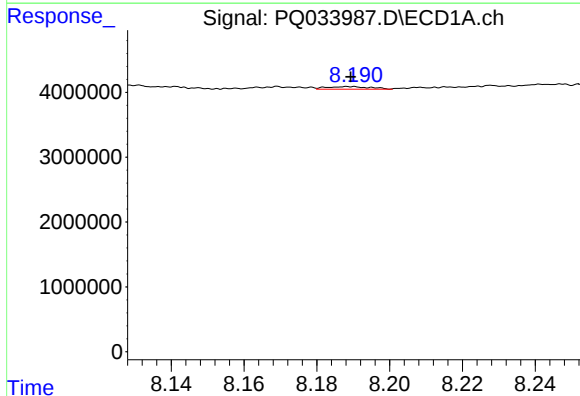
R.T.: 8.005 min
Delta R.T.: 0.046 min
Response: 2083632
Conc: 26.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



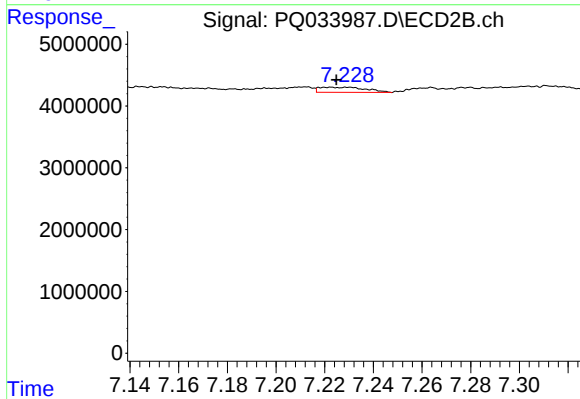
#33 AR-1260-3

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 2294251
Conc: 21.27 ng/ml



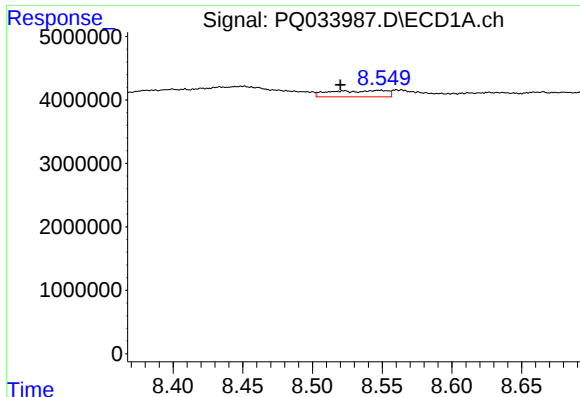
#34 AR-1260-4

R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 327882
Conc: 3.24 ng/ml



#34 AR-1260-4

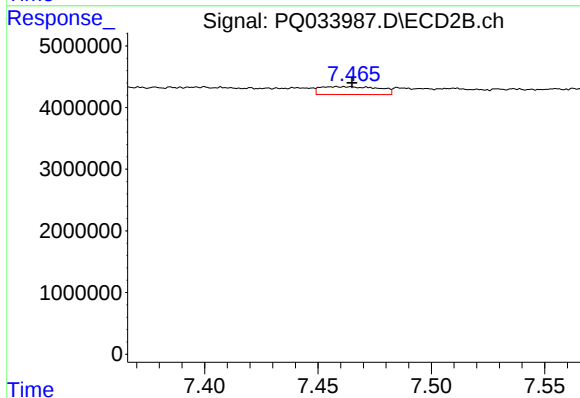
R.T.: 7.222 min
Delta R.T.: -0.002 min
Response: 1096992
Conc: 14.27 ng/ml



#35 AR-1260-5

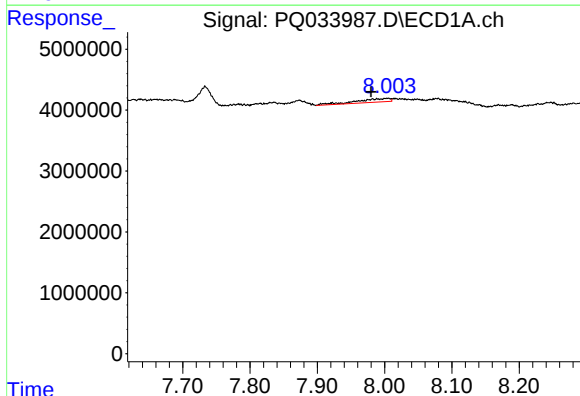
R.T.: 8.548 min
Delta R.T.: 0.028 min
Response: 2824889
Conc: 14.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



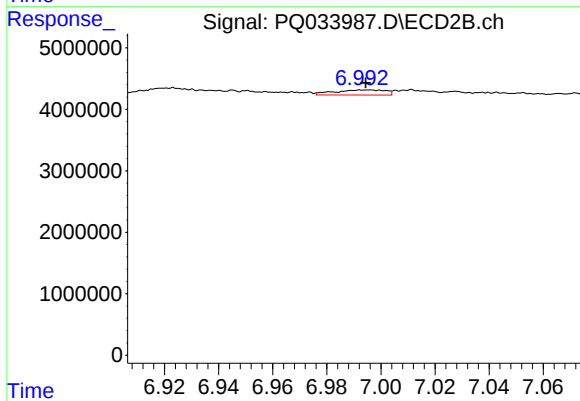
#35 AR-1260-5

R.T.: 7.458 min
Delta R.T.: -0.007 min
Response: 2288310
Conc: 11.91 ng/ml



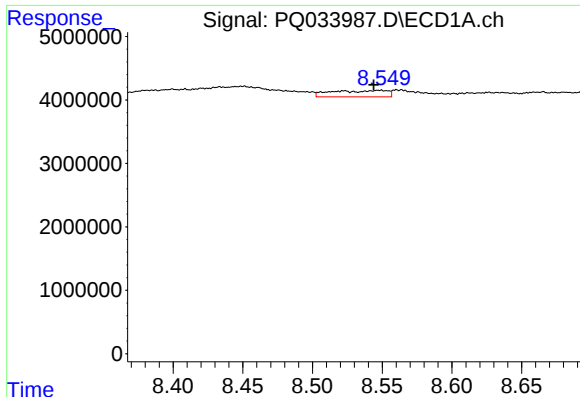
#36 AR-1262-1

R.T.: 8.005 min
Delta R.T.: 0.025 min
Response: 2083632
Conc: 15.46 ng/ml



#36 AR-1262-1

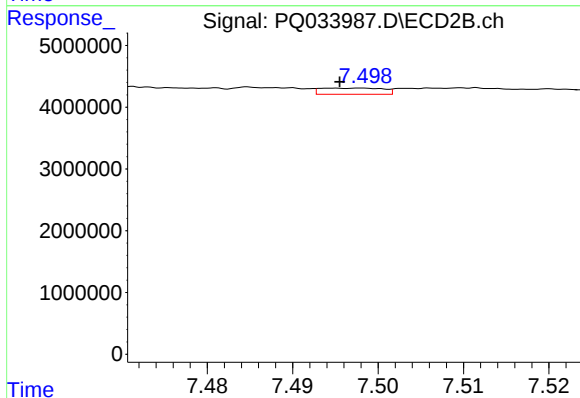
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1089190
Conc: 8.48 ng/ml



#37 AR-1262-2

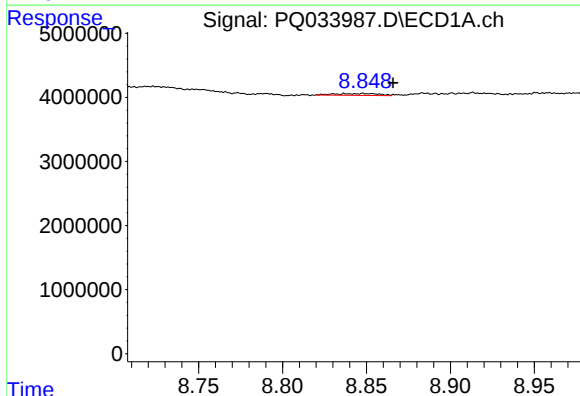
R.T.: 8.548 min
Delta R.T.: 0.004 min
Response: 2824889
Conc: 11.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



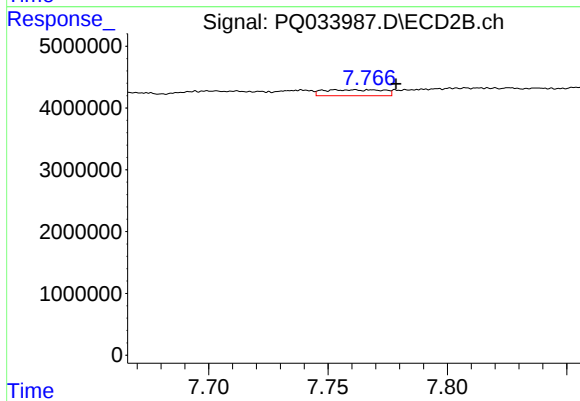
#37 AR-1262-2

R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 503816
Conc: 2.10 ng/ml



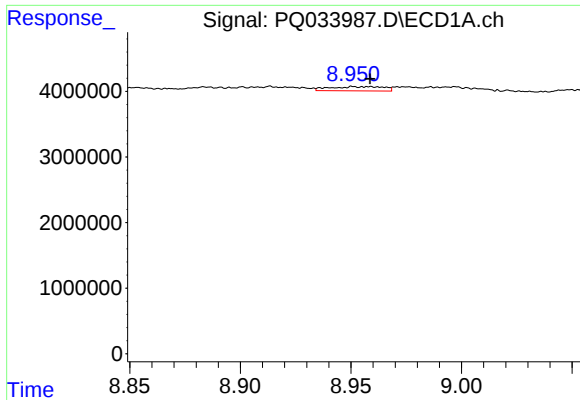
#38 AR-1262-3

R.T.: 8.848 min
Delta R.T.: -0.018 min
Response: 513786
Conc: 3.11 ng/ml



#38 AR-1262-3

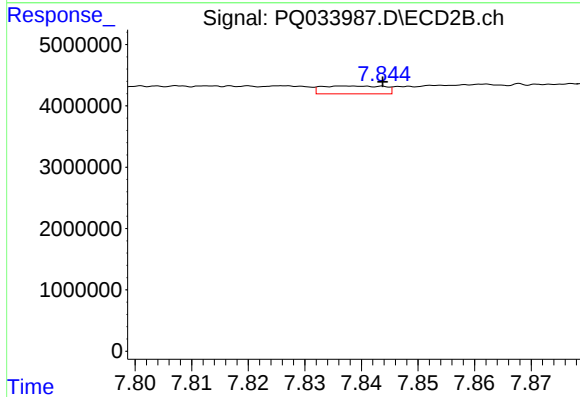
R.T.: 7.761 min
Delta R.T.: -0.017 min
Response: 1670440
Conc: 17.93 ng/ml



#39 AR-1262-4

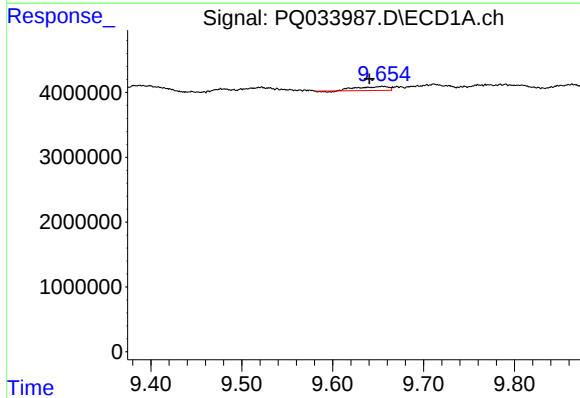
R.T.: 8.951 min
Delta R.T.: -0.008 min
Response: 1095895
Conc: 16.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



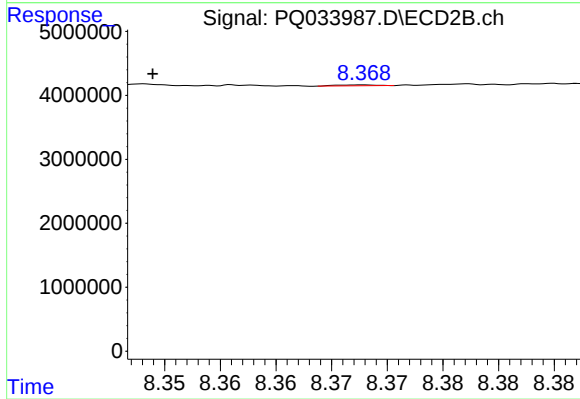
#39 AR-1262-4

R.T.: 7.838 min
Delta R.T.: -0.006 min
Response: 974677
Conc: 5.60 ng/ml



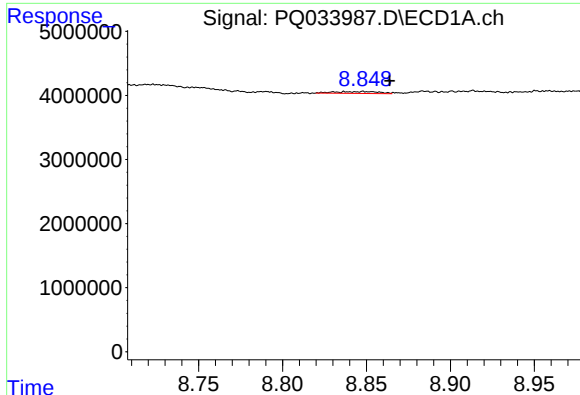
#40 AR-1262-5

R.T.: 9.655 min
Delta R.T.: 0.014 min
Response: 1469880
Conc: 16.80 ng/ml



#40 AR-1262-5

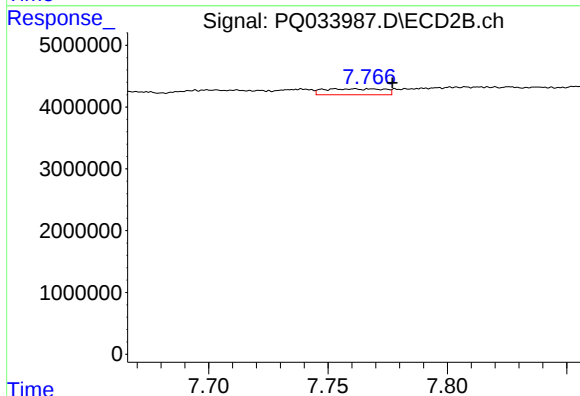
R.T.: 8.368 min
Delta R.T.: 0.019 min
Response: 31465
Conc: 0.39 ng/ml



#41 AR-1268-1

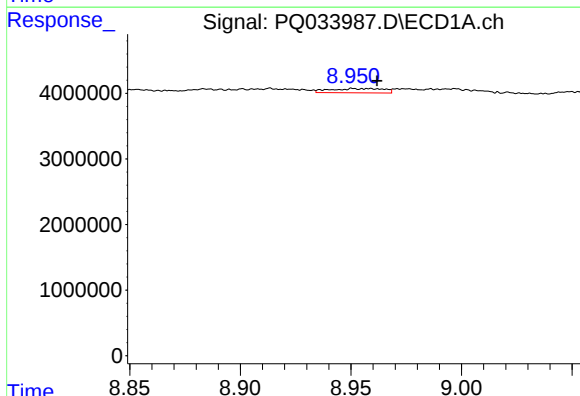
R.T.: 8.848 min
Delta R.T.: -0.016 min
Response: 513786
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



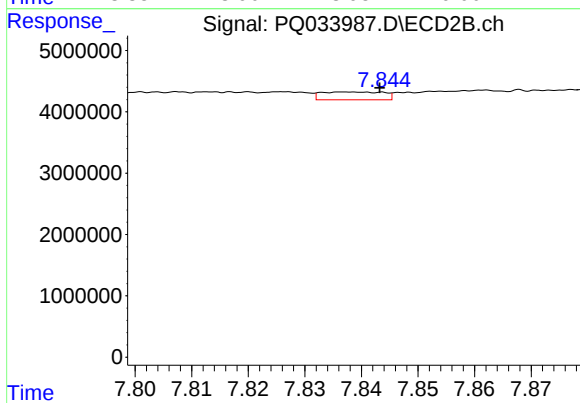
#41 AR-1268-1

R.T.: 7.761 min
Delta R.T.: -0.016 min
Response: 1670440
Conc: 4.89 ng/ml



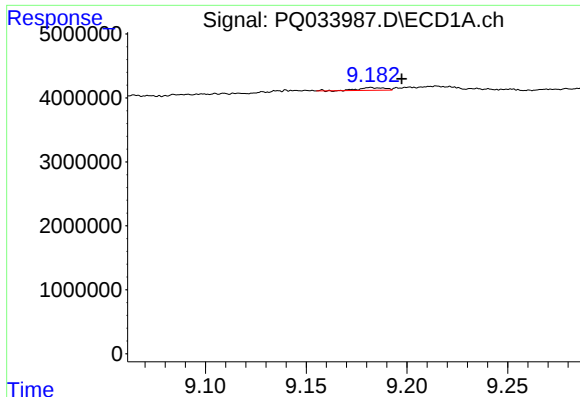
#42 AR-1268-2

R.T.: 8.951 min
Delta R.T.: -0.011 min
Response: 1095895
Conc: 3.29 ng/ml



#42 AR-1268-2

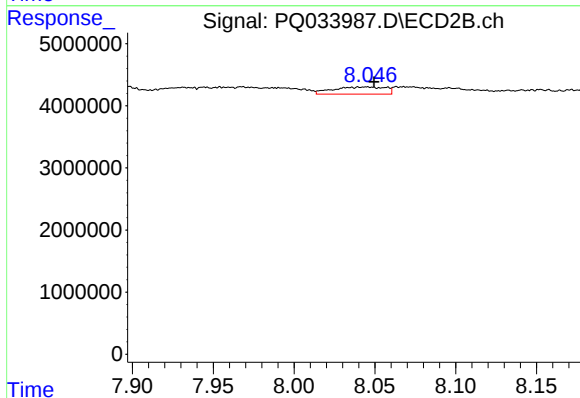
R.T.: 7.838 min
Delta R.T.: -0.005 min
Response: 974677
Conc: 3.15 ng/ml



#43 AR-1268-3

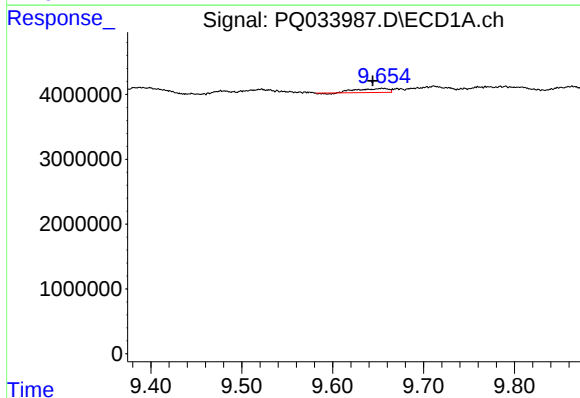
R.T.: 9.182 min
Delta R.T.: -0.015 min
Response: 368625
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



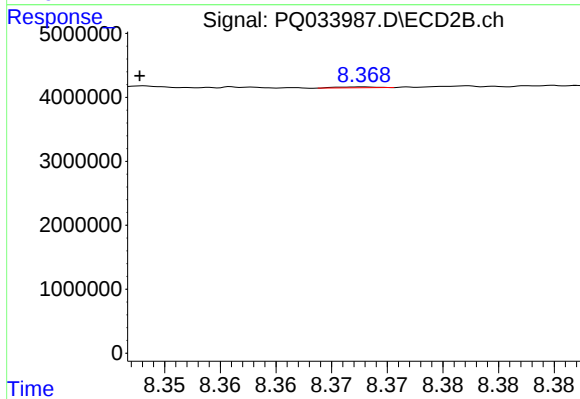
#43 AR-1268-3

R.T.: 8.045 min
Delta R.T.: -0.004 min
Response: 2615757
Conc: 10.22 ng/ml



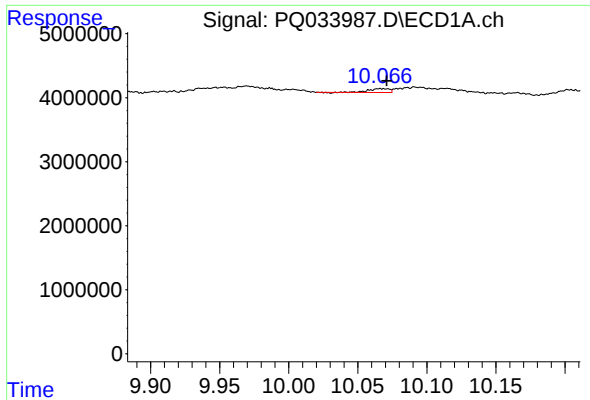
#44 AR-1268-4

R.T.: 9.655 min
Delta R.T.: 0.011 min
Response: 1469880
Conc: 12.17 ng/ml



#44 AR-1268-4

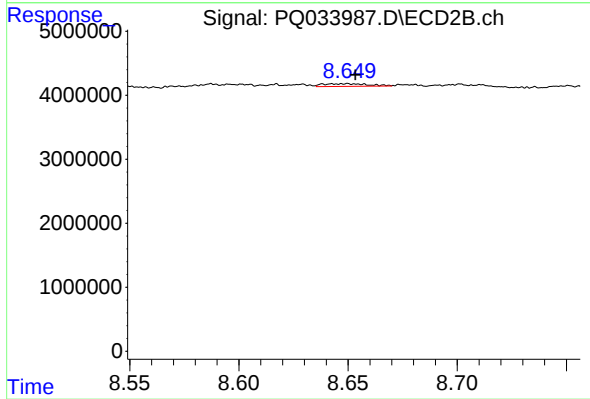
R.T.: 8.368 min
Delta R.T.: 0.020 min
Response: 31465
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 10.066 min
Delta R.T.: -0.005 min
Response: 614782
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.649 min
Delta R.T.: -0.004 min
Response: 610572
Conc: 0.73 ng/ml