

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103018\
 Data File : PQ033912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2018 22:04
 Operator : SM\SJ
 Sample : J5657-18MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 06:12:34 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...	4.558	3.838	46942084	34716028	22.882	22.321
2)	SA Decachlor...	10.373	8.875	48724858	42288042	25.776	26.306
Target Compounds							
3)	L1 AR-1016-1	5.732	4.927	36791534	32659360	528.388	570.491
4)	L1 AR-1016-2	5.756	4.946	104.4E6	63824626	1013.448	800.974
5)	L1 AR-1016-3	5.819	5.125	39221323	92788881	626.366	2236.942 #
6)	L1 AR-1016-4	5.915	5.162	79995956	178.3E6	1582.775	5202.975 #
7)	L1 AR-1016-5	6.210	5.378	204.5E6	253.6E6	3969.116	5549.593 #
8)	L2 AR-1221-1	4.856	4.078	3177788	39633	133.820	2.144 #
9)	L2 AR-1221-2	4.856	4.175	3177788	27813	193.025	2.103 #
10)	L2 AR-1221-3	5.018	4.252	400606	41969	6.982	0.918 #
11)	L3 AR-1232-1	5.018	4.252	400606	41969	9.024	1.213 #
12)	L3 AR-1232-2	5.463	4.977	77334640	24196172	3274.281	643.476 #
13)	L3 AR-1232-3	5.756	5.162	104.4E6	178.3E6	2183.521	9102.206 #
14)	L3 AR-1232-4	5.915	5.236	79995956	93880395	3358.492	5469.860 #
15)	L3 AR-1232-5	6.050	5.418	241.0E6	106.7E6	13511.432	5473.059 #
16)	L4 AR-1242-1	5.756	4.946	104.4E6	63824626	1749.313	1311.692 #
17)	L4 AR-1242-2	5.756	4.977	104.4E6	24196172	1202.023	358.464 #
18)	L4 AR-1242-3	5.819	5.162	39221323	178.3E6	750.090	4866.796 #
19)	L4 AR-1242-4	5.915	5.236	79995956	93880395	1855.018	2548.810 #
20)	L4 AR-1242-5	6.653	5.770	225.0E6	175.4E6	4564.931	3651.007
21)	L5 AR-1248-1	5.756	4.946	104.4E6	63824626	2104.588	1557.465 #
22)	L5 AR-1248-2	6.050	5.204	241.0E6	211.5E6	3276.111	3849.060
23)	L5 AR-1248-3	6.251	5.236	104.0E6	93880395	1272.064	1676.359 #
24)	L5 AR-1248-4	6.653	5.418	225.0E6	106.7E6	2402.432	1547.440 #
25)	L5 AR-1248-5	6.653	5.804	225.0E6	26642998	2533.981	385.417 #
26)	L6 AR-1254-1	6.614	5.770	35966462	175.4E6	362.924	1556.818 #
27)	L6 AR-1254-2	6.851	5.874	153.4E6	60471156	981.278	612.396 #
28)	L6 AR-1254-3	7.230	6.340	30140258	13807646	177.625	83.083
29)	L6 AR-1254-4	7.458	6.531	70733734	9624335	572.861	90.457 #
30)	L6 AR-1254-5	7.909	6.959	5117635	25557972	38.659	174.000 #
31)	L7 AR-1260-1	7.335	6.408	44770816	75382537	418.588	802.589 #
32)	L7 AR-1260-2	7.590	6.595	34756465	37176010	275.243	319.079
33)	L7 AR-1260-3	7.950	6.750	22921545	39973447	294.275	370.664 #
34)	L7 AR-1260-4	8.181	7.220	34156108	28510546	337.420	370.896
35)	L7 AR-1260-5	8.511	7.460	58338000	63131948	308.949	328.611
36)	L8 AR-1262-1	7.950	7.014	22921545	16607073	170.056	129.224
37)	L8 AR-1262-2	8.568	7.515	4357468	4390209	17.622	18.328
38)	L8 AR-1262-3	8.851	7.807	22014136	41474692	133.090	445.254 #
39)	L8 AR-1262-4	8.986	7.861	1755534	1253401	25.759	7.200 #
40)	L8 AR-1262-5	9.602	8.360	15351556	-2741451	175.466	N.D. #
41)	L9 AR-1268-1	8.851	7.807	22014136	41474692	60.030	121.309 #

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 Operator : SM\SJ
 Sample : J5657-18MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

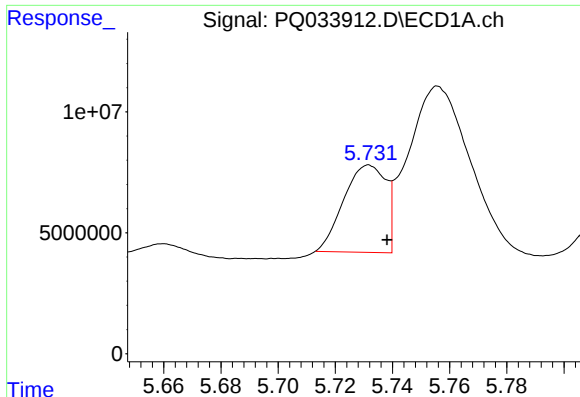
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 06:12:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
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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
42) L9	AR-1268-2	8.986	7.861	1755534	1253401	5.267	4.056
43) L9	AR-1268-3	9.263	8.036	663224	362239	2.353	1.416 #
44) L9	AR-1268-4	9.602	8.360	15351556	-2741451	127.063	N.D. #
45) L9	AR-1268-5	10.029	8.661	975330	393624	1.055	0.471 #

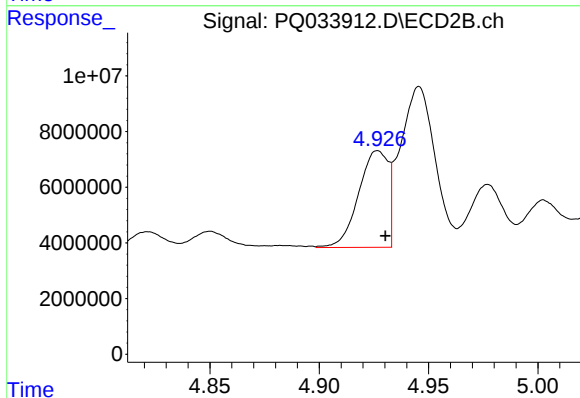
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

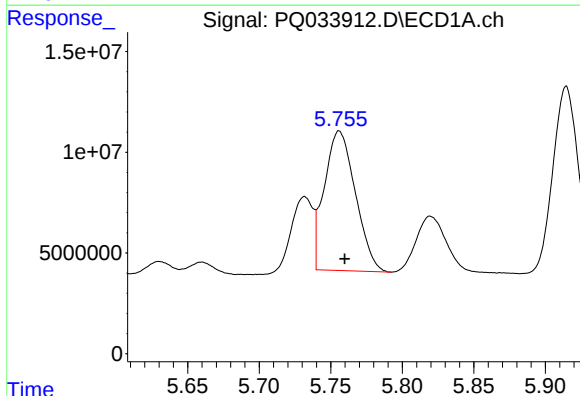
R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 36791534
Conc: 528.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



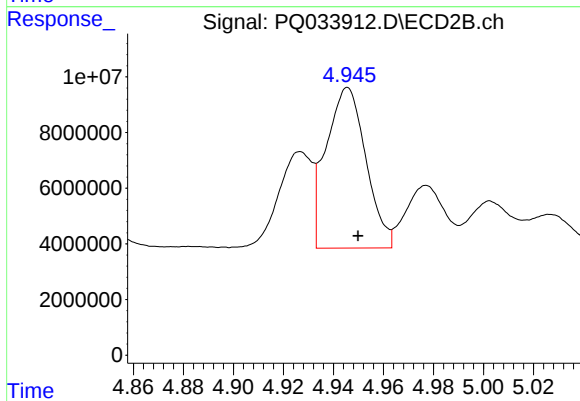
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 32659360
Conc: 570.49 ng/ml



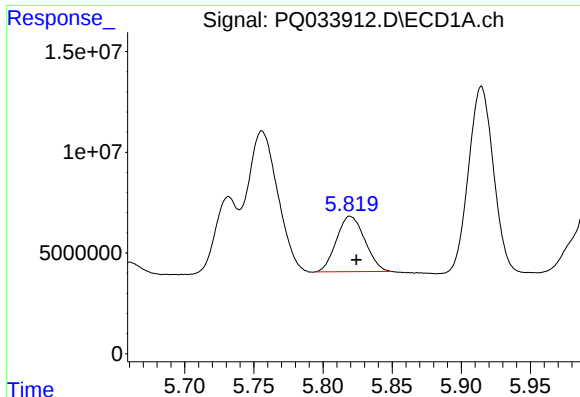
#4 AR-1016-2

R.T.: 5.756 min
Delta R.T.: -0.004 min
Response: 104393276
Conc: 1013.45 ng/ml



#4 AR-1016-2

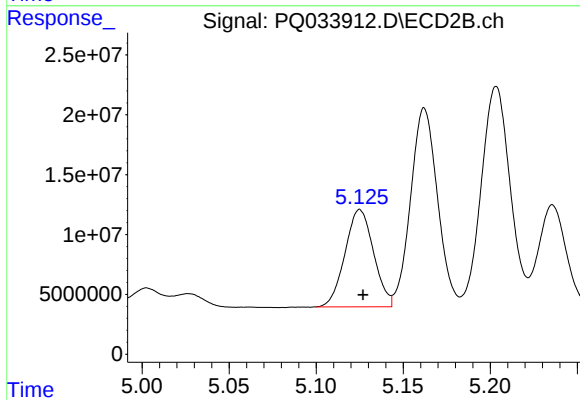
R.T.: 4.946 min
Delta R.T.: -0.004 min
Response: 63824626
Conc: 800.97 ng/ml



#5 AR-1016-3

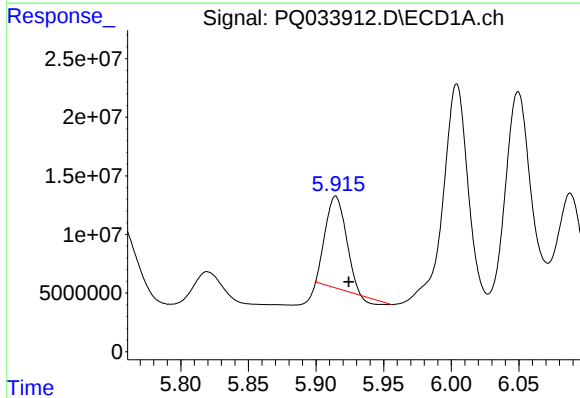
R.T.: 5.819 min
Delta R.T.: -0.005 min
Response: 39221323
Conc: 626.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



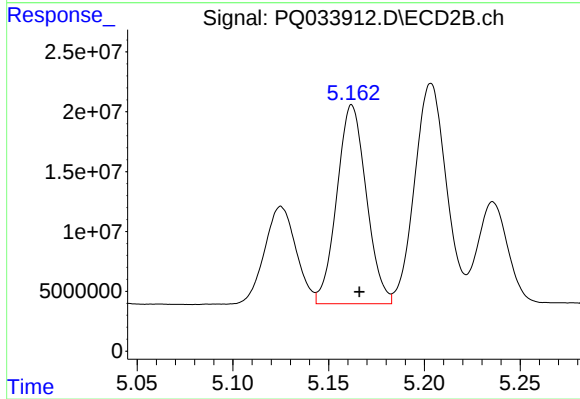
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 92788881
Conc: 2236.94 ng/ml



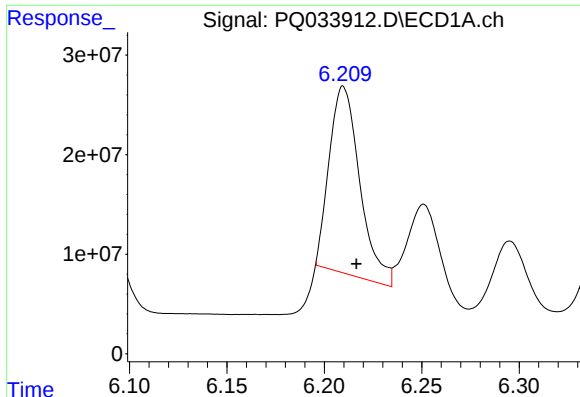
#6 AR-1016-4

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 79995956
Conc: 1582.77 ng/ml



#6 AR-1016-4

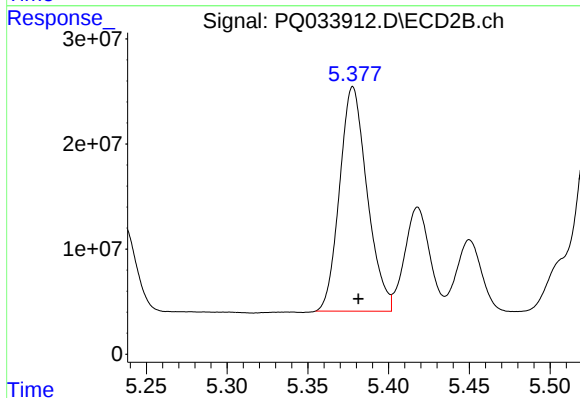
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 178273873
Conc: 5202.98 ng/ml



#7 AR-1016-5

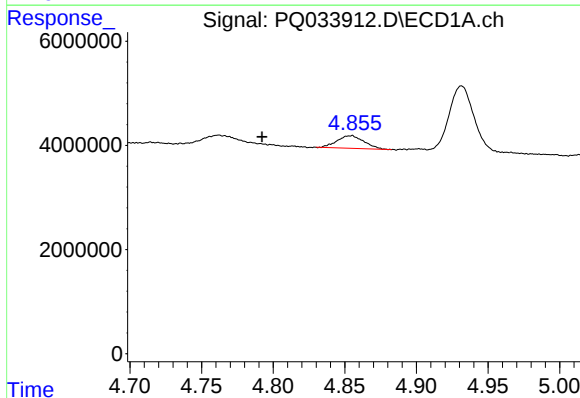
R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 204532230
Conc: 3969.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



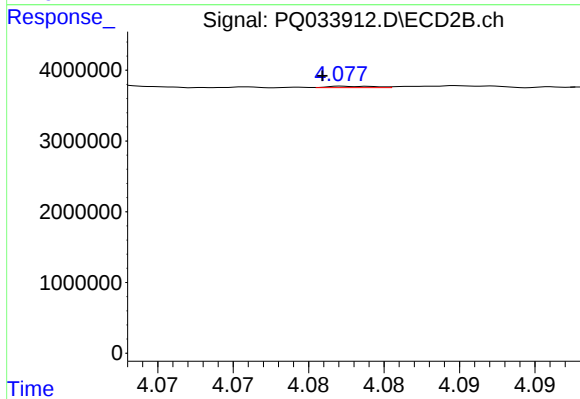
#7 AR-1016-5

R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 253566237
Conc: 5549.59 ng/ml



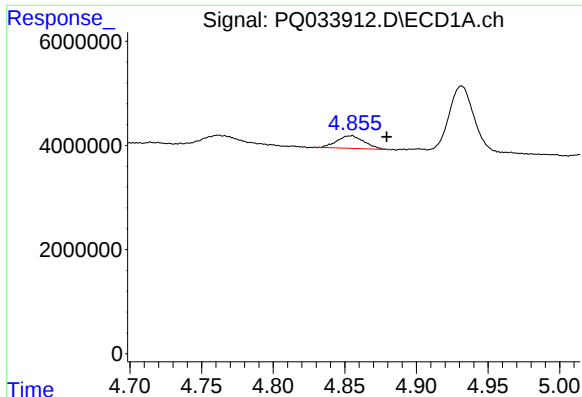
#8 AR-1221-1

R.T.: 4.856 min
Delta R.T.: 0.063 min
Response: 3177788
Conc: 133.82 ng/ml



#8 AR-1221-1

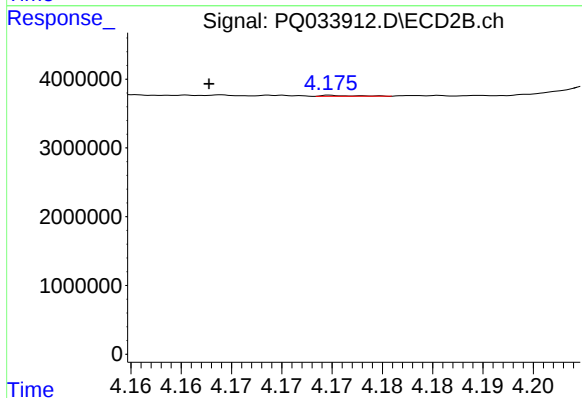
R.T.: 4.078 min
Delta R.T.: 0.002 min
Response: 39633
Conc: 2.14 ng/ml



#9 AR-1221-2

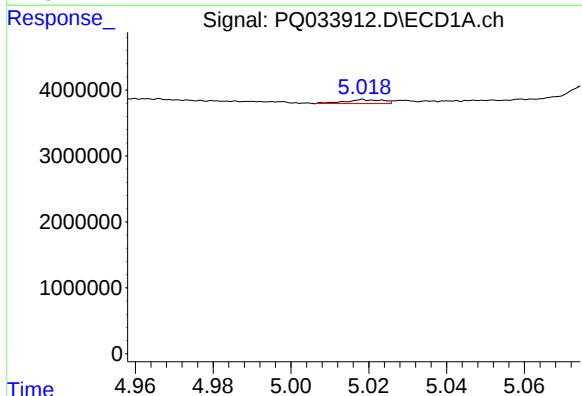
R.T.: 4.856 min
Delta R.T.: -0.024 min
Response: 3177788
Conc: 193.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



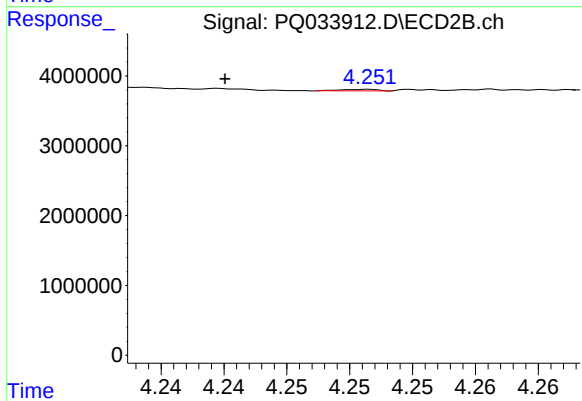
#9 AR-1221-2

R.T.: 4.175 min
Delta R.T.: 0.012 min
Response: 27813
Conc: 2.10 ng/ml



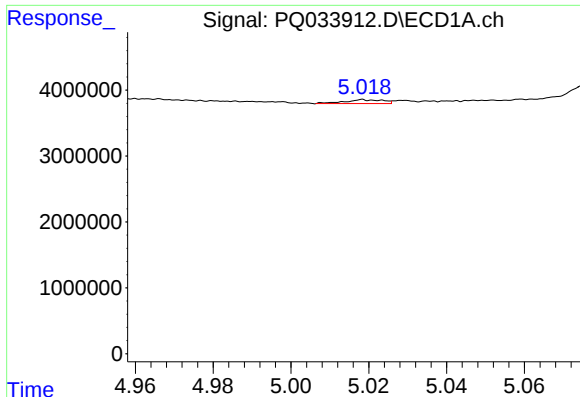
#10 AR-1221-3

R.T.: 5.018 min
Delta R.T.: 0.062 min
Response: 400606
Conc: 6.98 ng/ml



#10 AR-1221-3

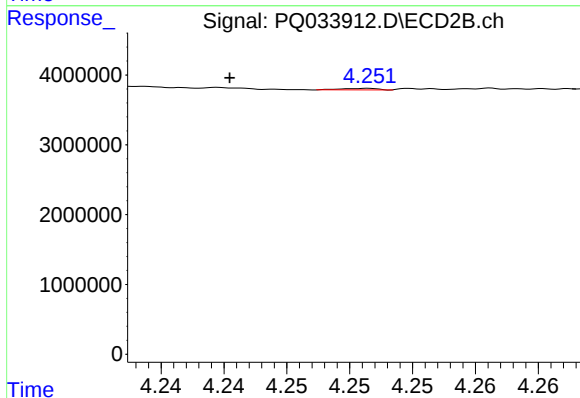
R.T.: 4.252 min
Delta R.T.: 0.011 min
Response: 41969
Conc: 0.92 ng/ml



#11 AR-1232-1

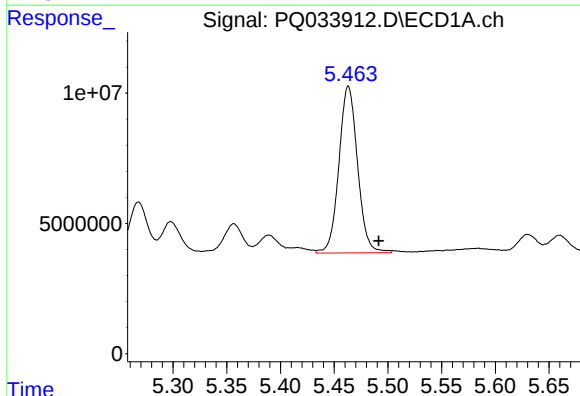
R.T.: 5.018 min
Delta R.T.: 0.061 min
Response: 400606
Conc: 9.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



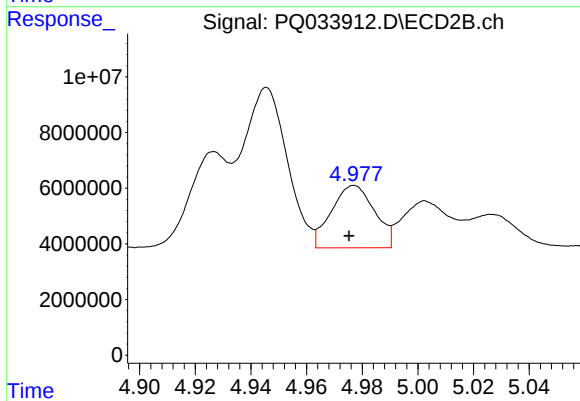
#11 AR-1232-1

R.T.: 4.252 min
Delta R.T.: 0.011 min
Response: 41969
Conc: 1.21 ng/ml



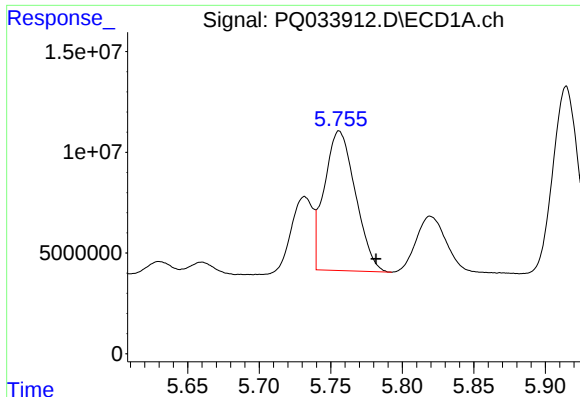
#12 AR-1232-2

R.T.: 5.463 min
Delta R.T.: -0.028 min
Response: 77334640
Conc: 3274.28 ng/ml



#12 AR-1232-2

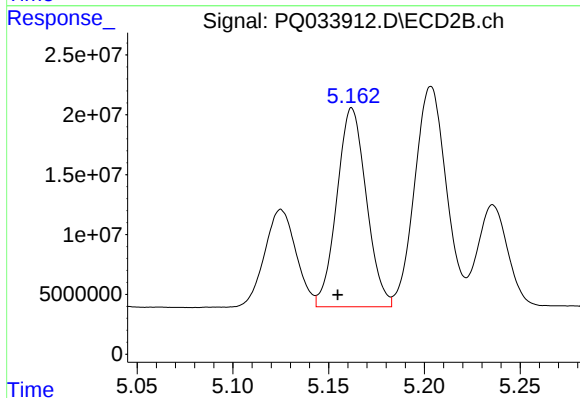
R.T.: 4.977 min
Delta R.T.: 0.002 min
Response: 24196172
Conc: 643.48 ng/ml



#13 AR-1232-3

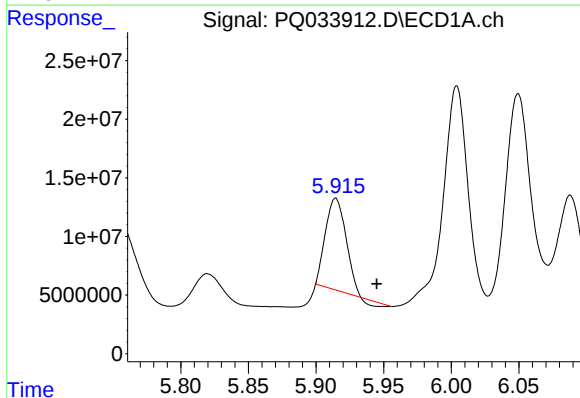
R.T.: 5.756 min
Delta R.T.: -0.026 min
Response: 104393276
Conc: 2183.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



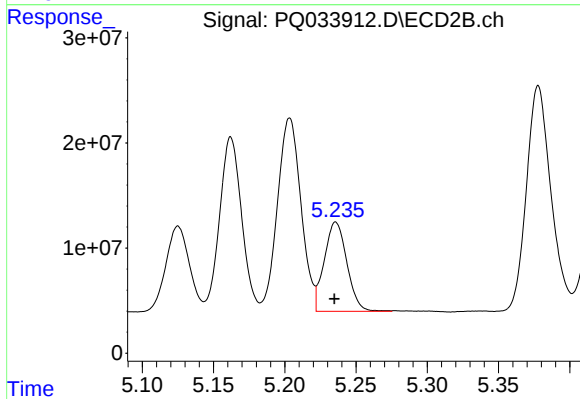
#13 AR-1232-3

R.T.: 5.162 min
Delta R.T.: 0.007 min
Response: 178273873
Conc: 9102.21 ng/ml



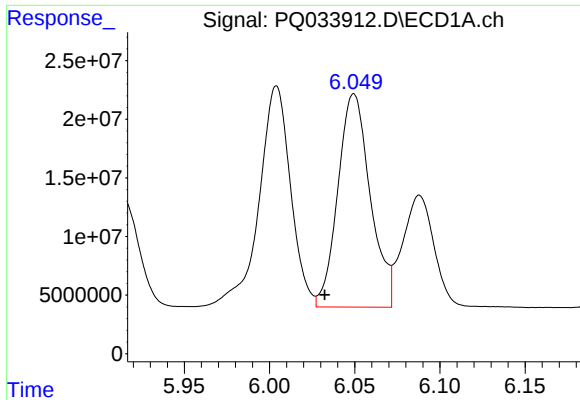
#14 AR-1232-4

R.T.: 5.915 min
Delta R.T.: -0.030 min
Response: 79995956
Conc: 3358.49 ng/ml



#14 AR-1232-4

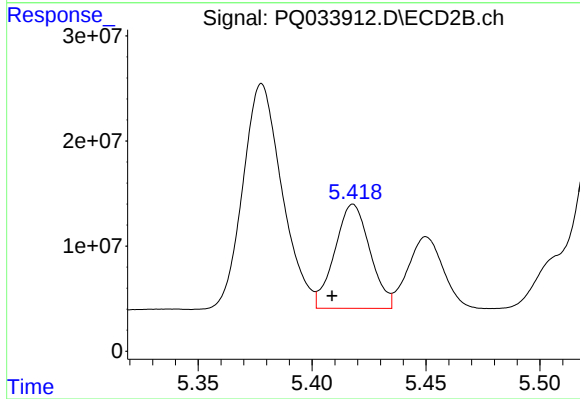
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 93880395
Conc: 5469.86 ng/ml



#15 AR-1232-5

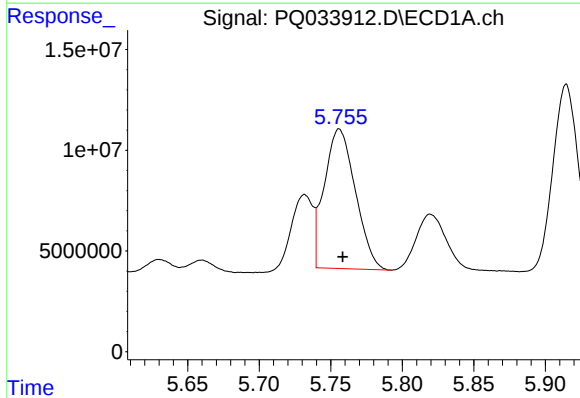
R.T.: 6.050 min
Delta R.T.: 0.017 min
Response: 240965271
Conc: 13511.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



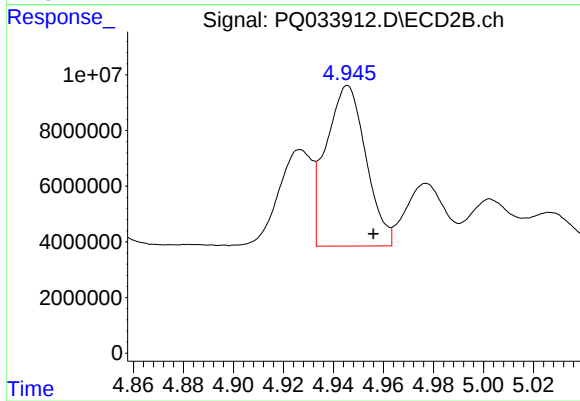
#15 AR-1232-5

R.T.: 5.418 min
Delta R.T.: 0.009 min
Response: 106725255
Conc: 5473.06 ng/ml



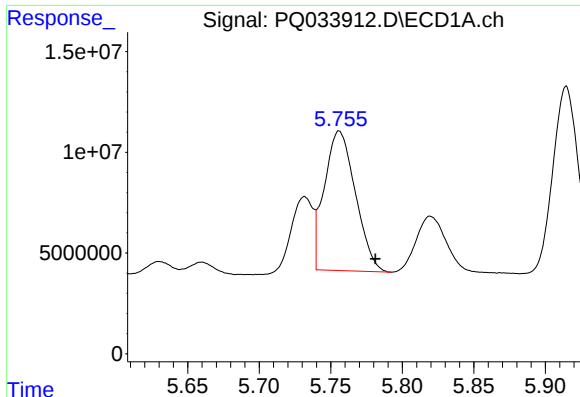
#16 AR-1242-1

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 104393276
Conc: 1749.31 ng/ml



#16 AR-1242-1

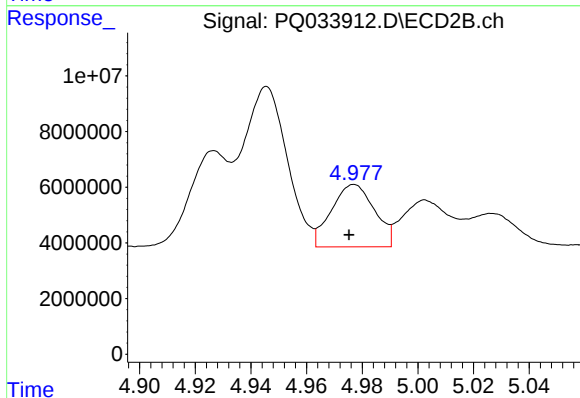
R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 63824626
Conc: 1311.69 ng/ml



#17 AR-1242-2

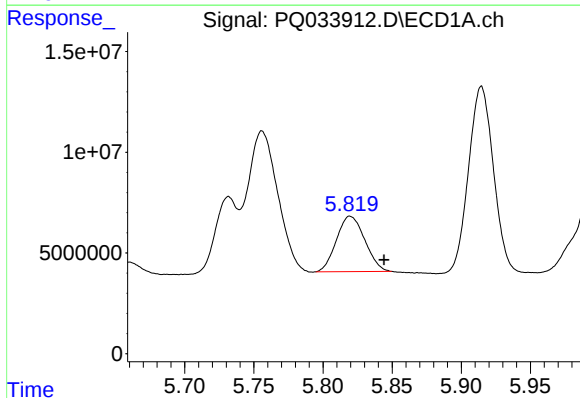
R.T.: 5.756 min
Delta R.T.: -0.025 min
Response: 104393276
Conc: 1202.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



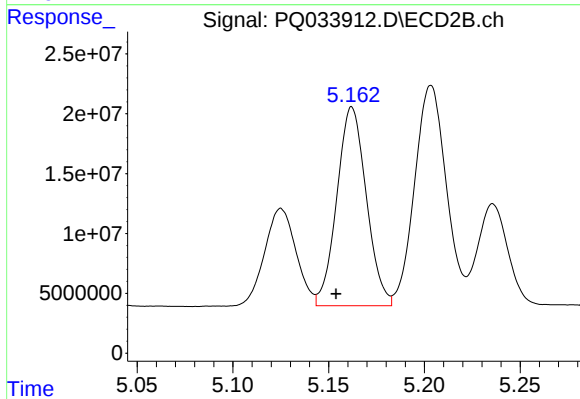
#17 AR-1242-2

R.T.: 4.977 min
Delta R.T.: 0.002 min
Response: 24196172
Conc: 358.46 ng/ml



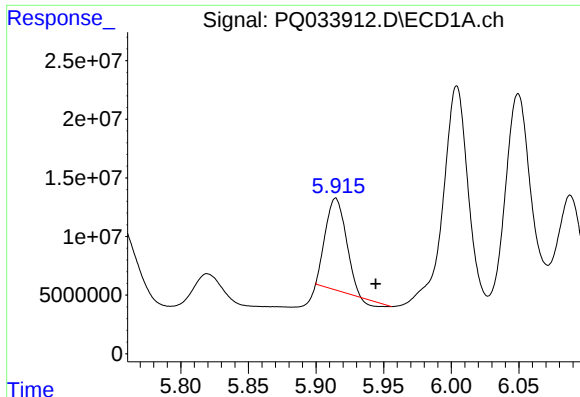
#18 AR-1242-3

R.T.: 5.819 min
Delta R.T.: -0.025 min
Response: 39221323
Conc: 750.09 ng/ml



#18 AR-1242-3

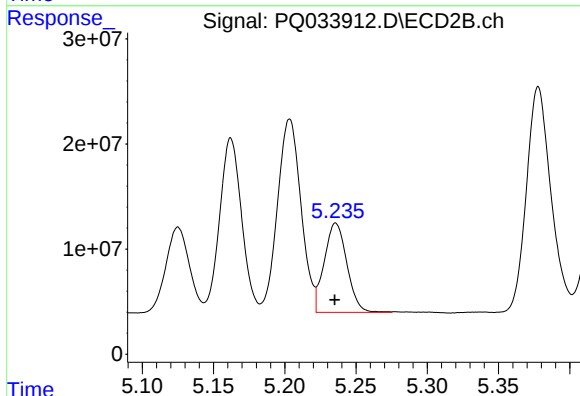
R.T.: 5.162 min
Delta R.T.: 0.008 min
Response: 178273873
Conc: 4866.80 ng/ml



#19 AR-1242-4

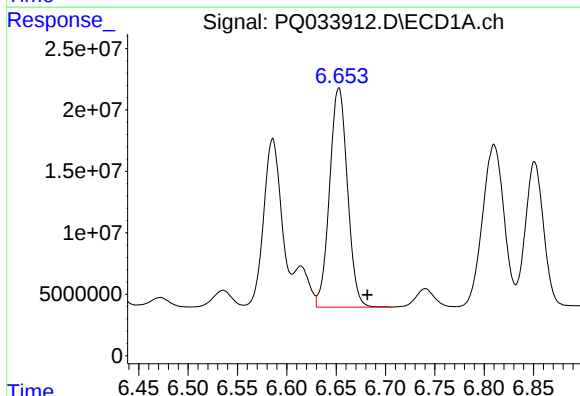
R.T.: 5.915 min
Delta R.T.: -0.030 min
Response: 79995956
Conc: 1855.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



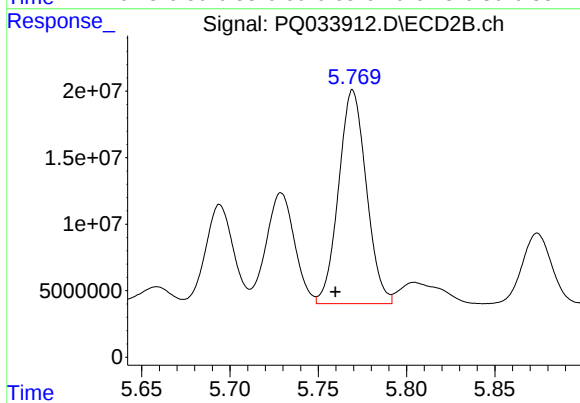
#19 AR-1242-4

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 93880395
Conc: 2548.81 ng/ml



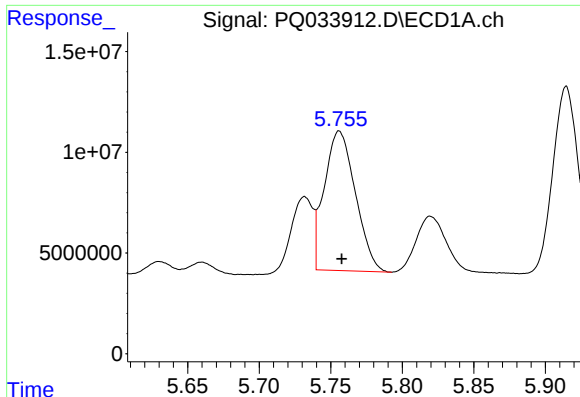
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: -0.029 min
Response: 225038969
Conc: 4564.93 ng/ml



#20 AR-1242-5

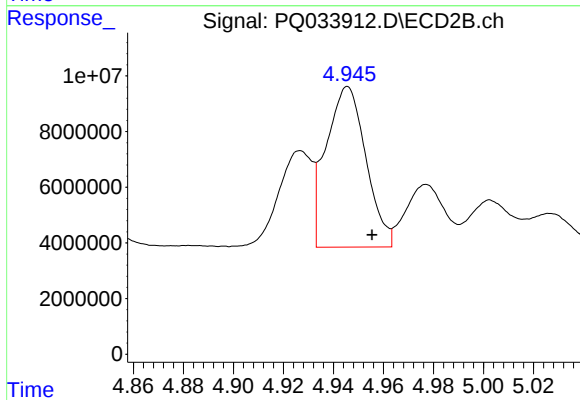
R.T.: 5.770 min
Delta R.T.: 0.010 min
Response: 175392708
Conc: 3651.01 ng/ml



#21 AR-1248-1

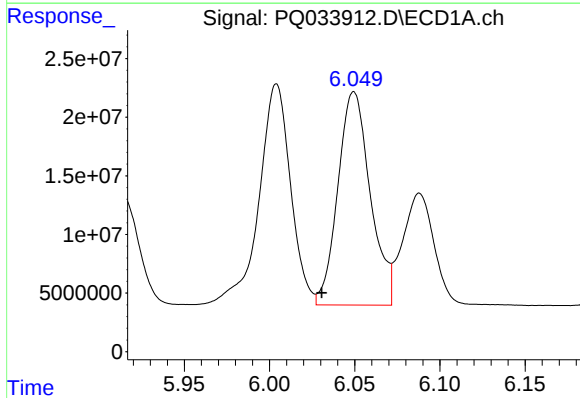
R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 104393276
Conc: 2104.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



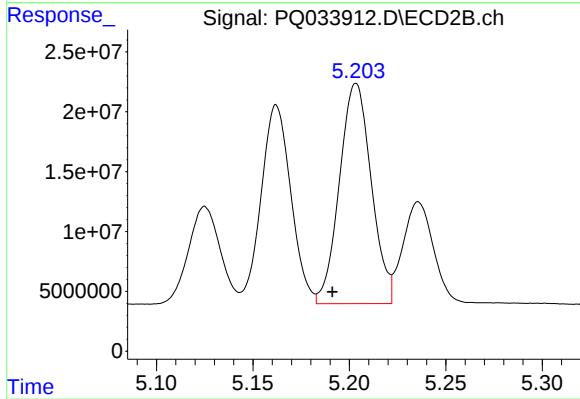
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 63824626
Conc: 1557.46 ng/ml



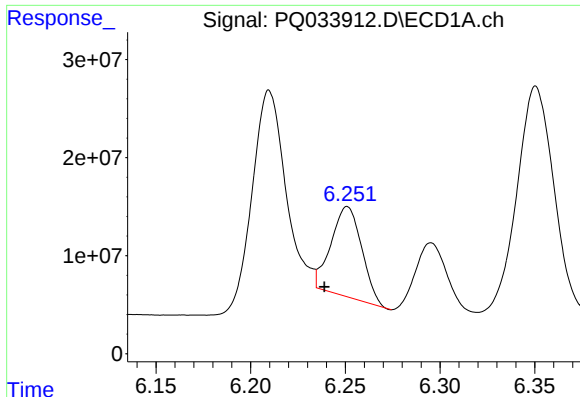
#22 AR-1248-2

R.T.: 6.050 min
Delta R.T.: 0.019 min
Response: 240965271
Conc: 3276.11 ng/ml



#22 AR-1248-2

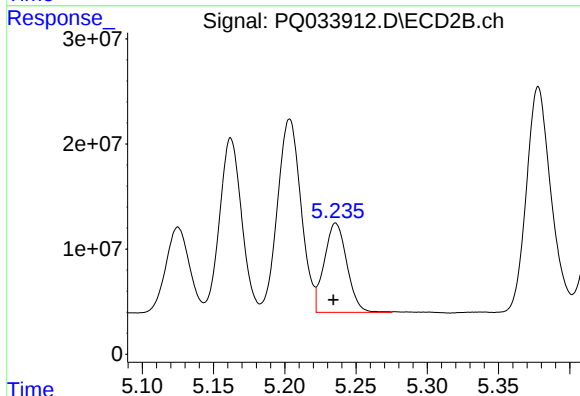
R.T.: 5.204 min
Delta R.T.: 0.012 min
Response: 211465155
Conc: 3849.06 ng/ml



#23 AR-1248-3

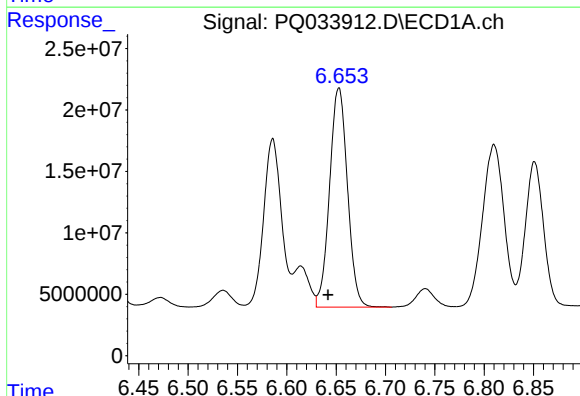
R.T.: 6.251 min
Delta R.T.: 0.012 min
Response: 103958770
Conc: 1272.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



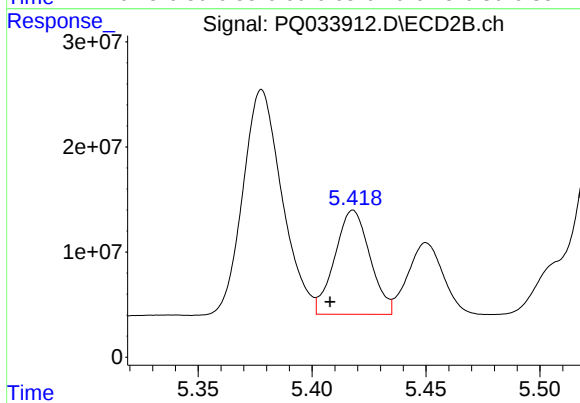
#23 AR-1248-3

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 93880395
Conc: 1676.36 ng/ml



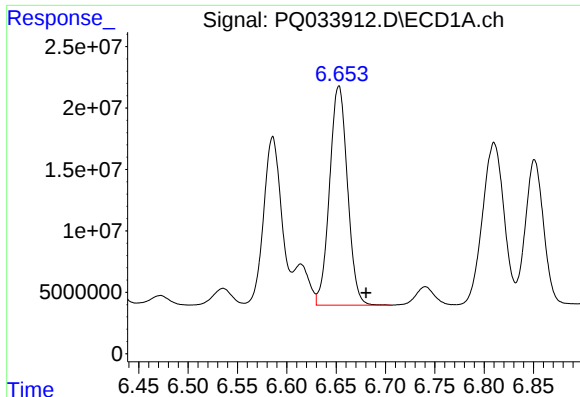
#24 AR-1248-4

R.T.: 6.653 min
Delta R.T.: 0.011 min
Response: 225038969
Conc: 2402.43 ng/ml



#24 AR-1248-4

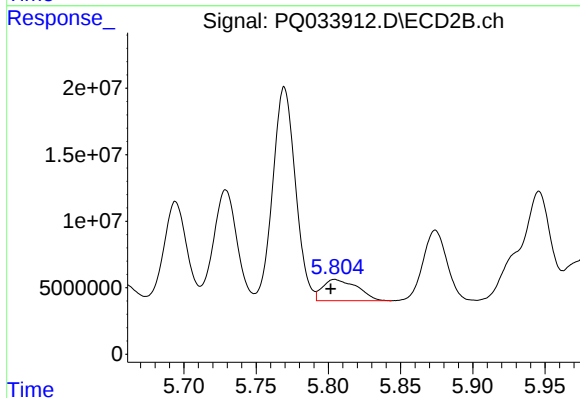
R.T.: 5.418 min
Delta R.T.: 0.010 min
Response: 106725255
Conc: 1547.44 ng/ml



#25 AR-1248-5

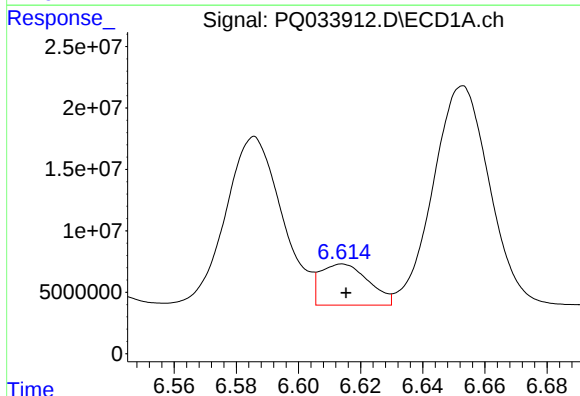
R.T.: 6.653 min
Delta R.T.: -0.027 min
Response: 225038969
Conc: 2533.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



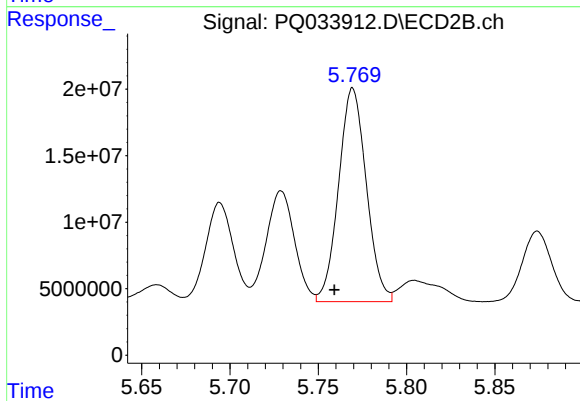
#25 AR-1248-5

R.T.: 5.804 min
Delta R.T.: 0.003 min
Response: 26642998
Conc: 385.42 ng/ml



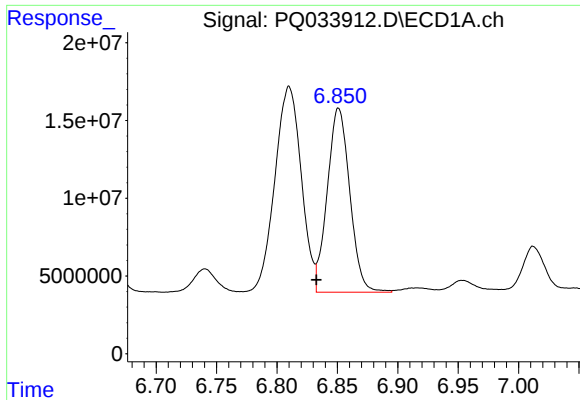
#26 AR-1254-1

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 35966462
Conc: 362.92 ng/ml



#26 AR-1254-1

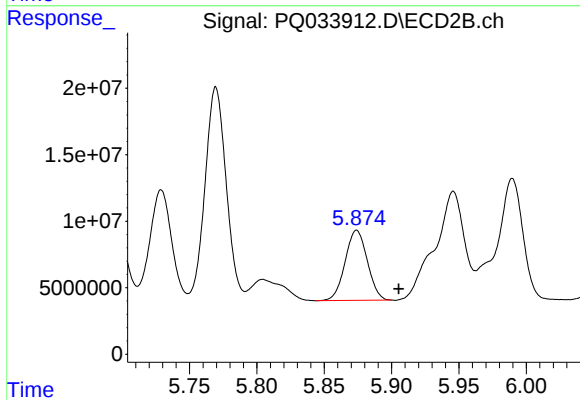
R.T.: 5.770 min
Delta R.T.: 0.010 min
Response: 175392708
Conc: 1556.82 ng/ml



#27 AR-1254-2

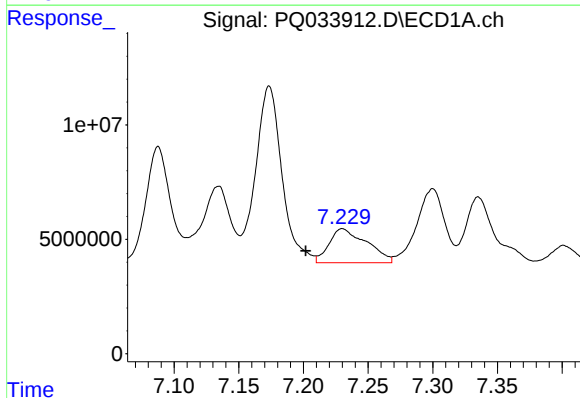
R.T.: 6.851 min
Delta R.T.: 0.018 min
Response: 153352761
Conc: 981.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



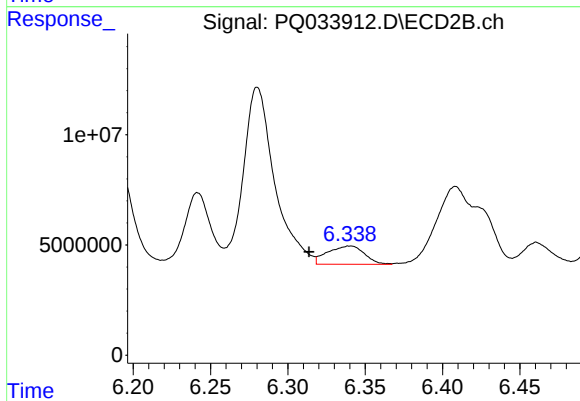
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.031 min
Response: 60471156
Conc: 612.40 ng/ml



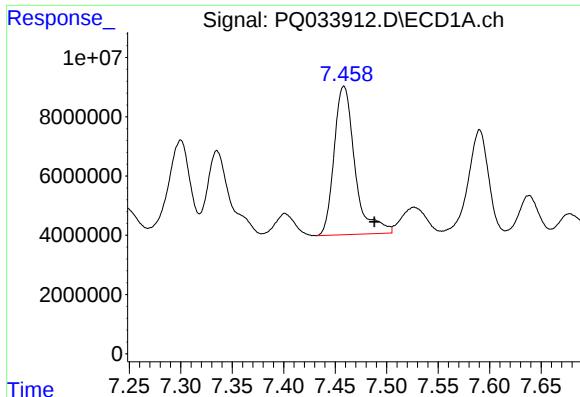
#28 AR-1254-3

R.T.: 7.230 min
Delta R.T.: 0.028 min
Response: 30140258
Conc: 177.63 ng/ml



#28 AR-1254-3

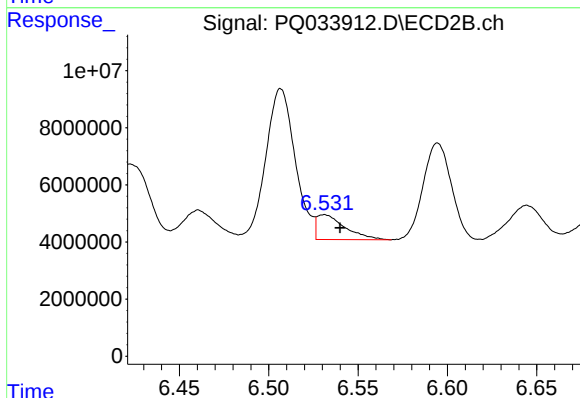
R.T.: 6.340 min
Delta R.T.: 0.027 min
Response: 13807646
Conc: 83.08 ng/ml



#29 AR-1254-4

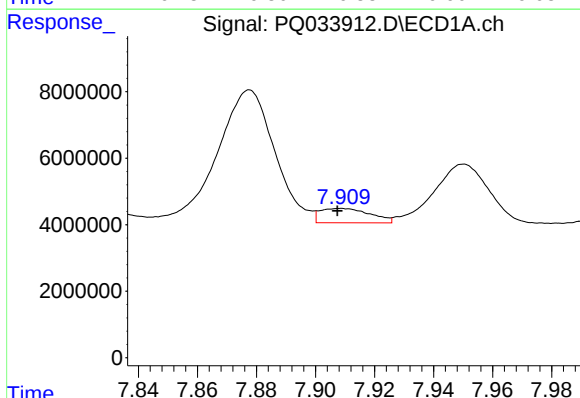
R.T.: 7.458 min
Delta R.T.: -0.030 min
Response: 70733734
Conc: 572.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



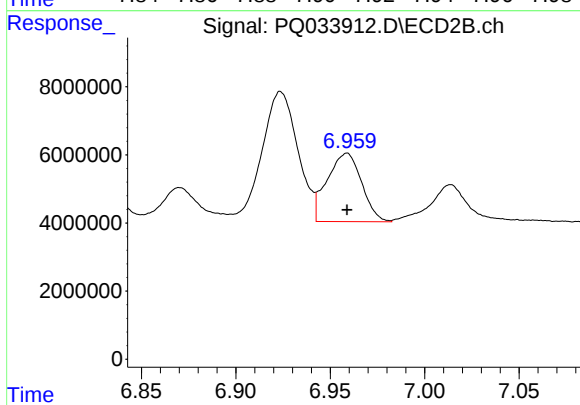
#29 AR-1254-4

R.T.: 6.531 min
Delta R.T.: -0.009 min
Response: 9624335
Conc: 90.46 ng/ml



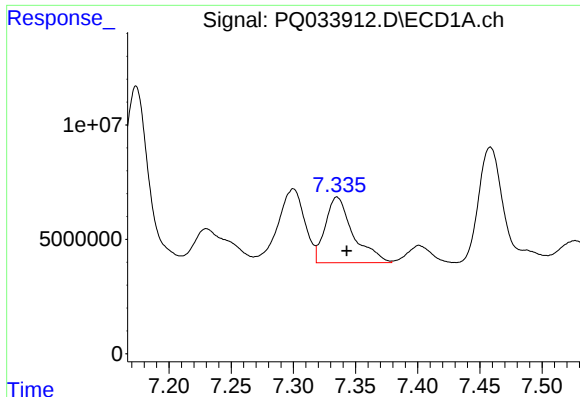
#30 AR-1254-5

R.T.: 7.909 min
Delta R.T.: 0.001 min
Response: 5117635
Conc: 38.66 ng/ml



#30 AR-1254-5

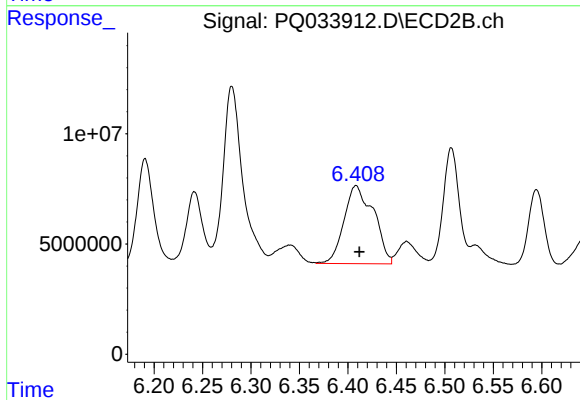
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 25557972
Conc: 174.00 ng/ml



#31 AR-1260-1

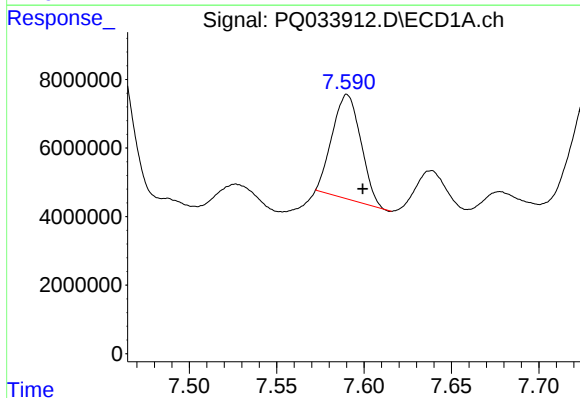
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 44770816
Conc: 418.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



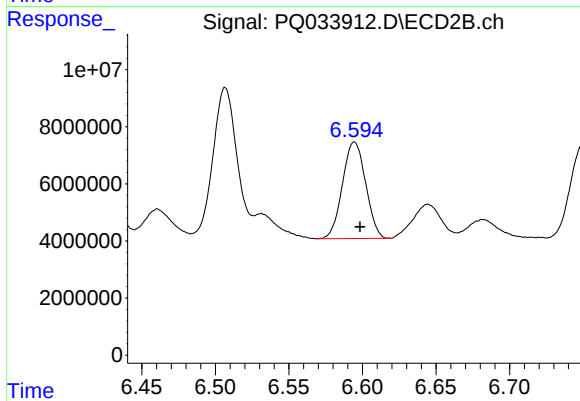
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: -0.003 min
Response: 75382537
Conc: 802.59 ng/ml



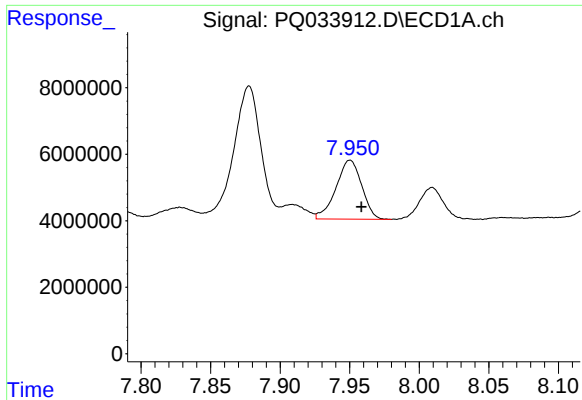
#32 AR-1260-2

R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 34756465
Conc: 275.24 ng/ml



#32 AR-1260-2

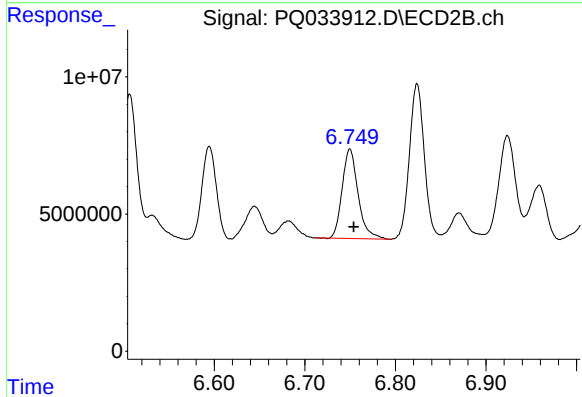
R.T.: 6.595 min
Delta R.T.: -0.004 min
Response: 37176010
Conc: 319.08 ng/ml



#33 AR-1260-3

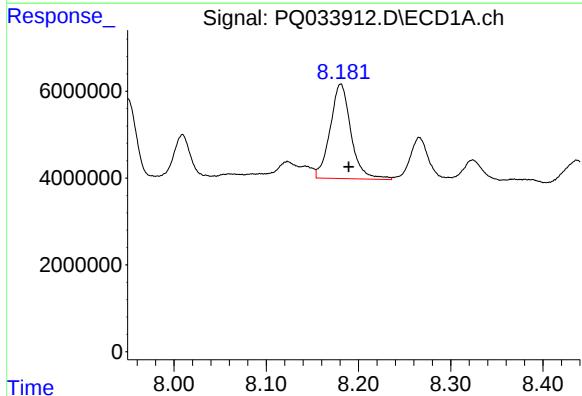
R.T.: 7.950 min
Delta R.T.: -0.008 min
Response: 22921545
Conc: 294.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



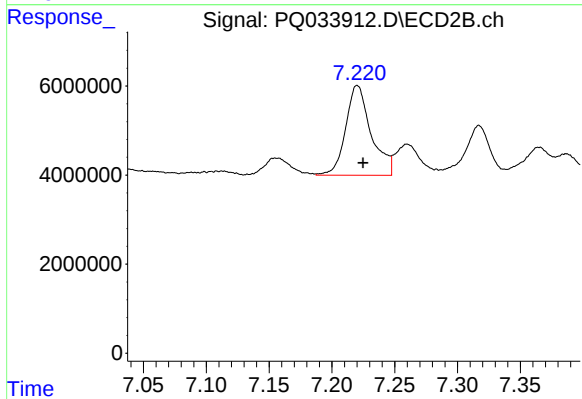
#33 AR-1260-3

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 39973447
Conc: 370.66 ng/ml



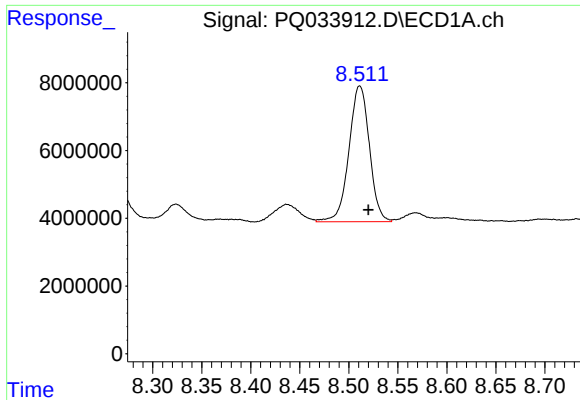
#34 AR-1260-4

R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 34156108
Conc: 337.42 ng/ml



#34 AR-1260-4

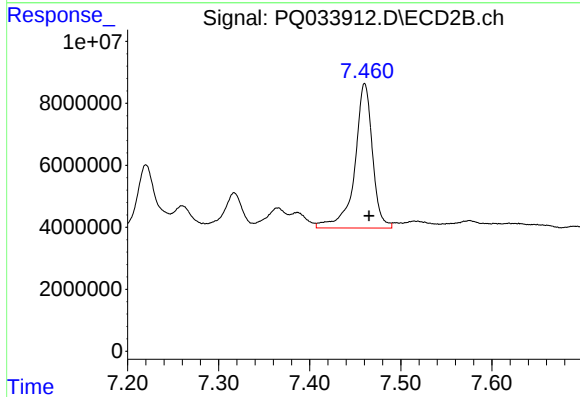
R.T.: 7.220 min
Delta R.T.: -0.005 min
Response: 28510546
Conc: 370.90 ng/ml



#35 AR-1260-5

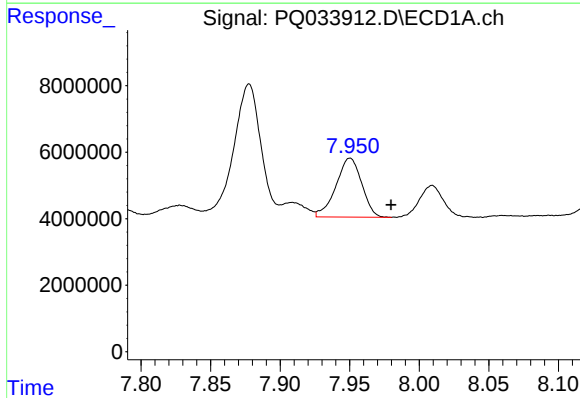
R.T.: 8.511 min
Delta R.T.: -0.009 min
Response: 58338000
Conc: 308.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



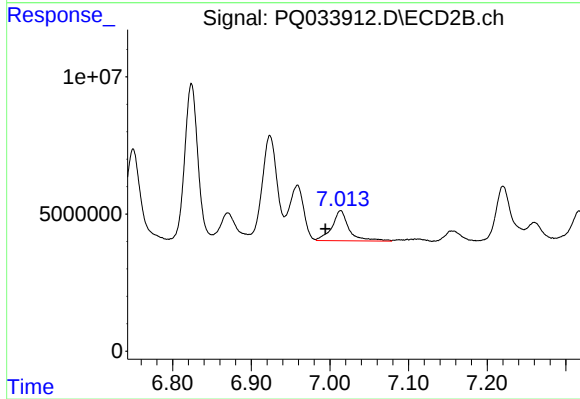
#35 AR-1260-5

R.T.: 7.460 min
Delta R.T.: -0.005 min
Response: 63131948
Conc: 328.61 ng/ml



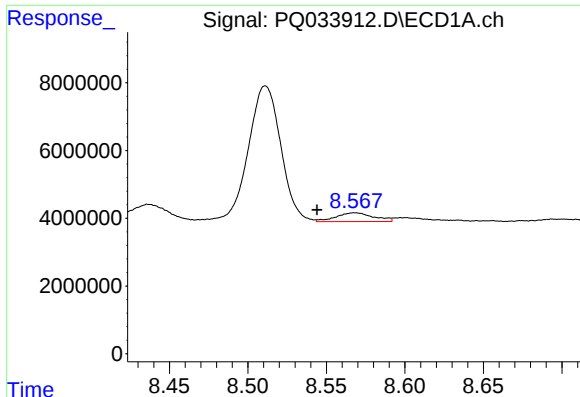
#36 AR-1262-1

R.T.: 7.950 min
Delta R.T.: -0.029 min
Response: 22921545
Conc: 170.06 ng/ml



#36 AR-1262-1

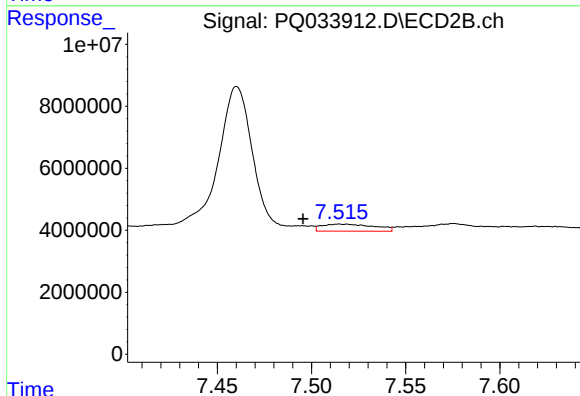
R.T.: 7.014 min
Delta R.T.: 0.019 min
Response: 16607073
Conc: 129.22 ng/ml



#37 AR-1262-2

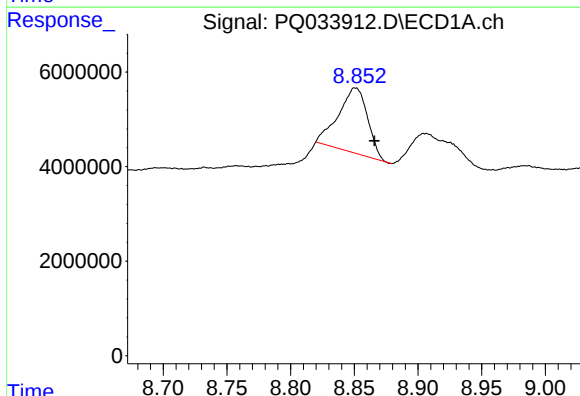
R.T.: 8.568 min
Delta R.T.: 0.024 min
Response: 4357468
Conc: 17.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



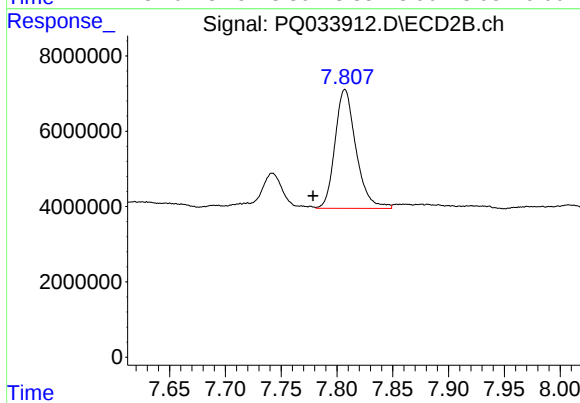
#37 AR-1262-2

R.T.: 7.515 min
Delta R.T.: 0.019 min
Response: 4390209
Conc: 18.33 ng/ml



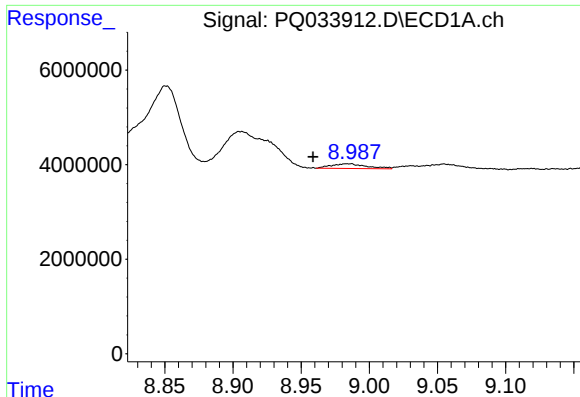
#38 AR-1262-3

R.T.: 8.851 min
Delta R.T.: -0.015 min
Response: 22014136
Conc: 133.09 ng/ml



#38 AR-1262-3

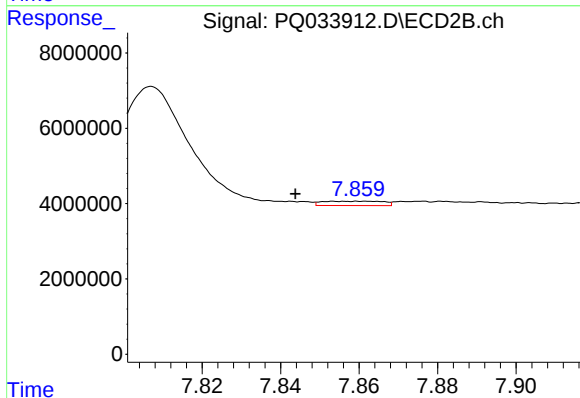
R.T.: 7.807 min
Delta R.T.: 0.029 min
Response: 41474692
Conc: 445.25 ng/ml



#39 AR-1262-4

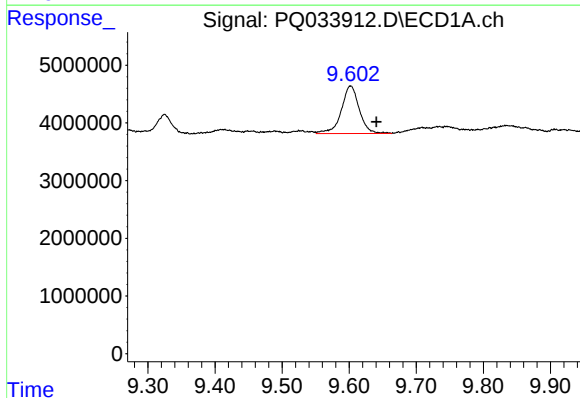
R.T.: 8.986 min
Delta R.T.: 0.027 min
Response: 1755534
Conc: 25.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



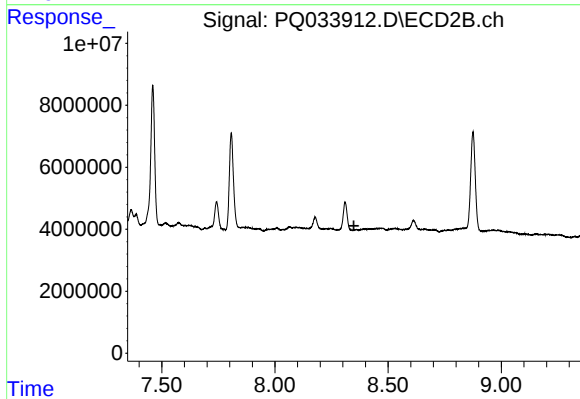
#39 AR-1262-4

R.T.: 7.861 min
Delta R.T.: 0.018 min
Response: 1253401
Conc: 7.20 ng/ml



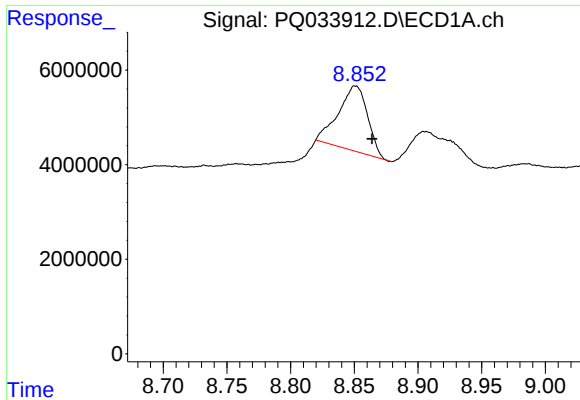
#40 AR-1262-5

R.T.: 9.602 min
Delta R.T.: -0.038 min
Response: 15351556
Conc: 175.47 ng/ml



#40 AR-1262-5

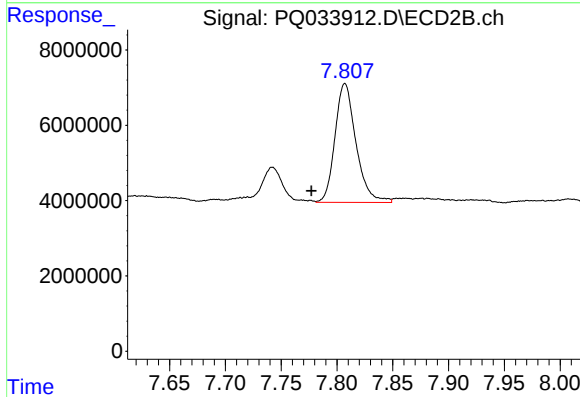
R.T.: 8.360 min
Delta R.T.: 0.011 min
Response: -2741451
Conc: N.D.



#41 AR-1268-1

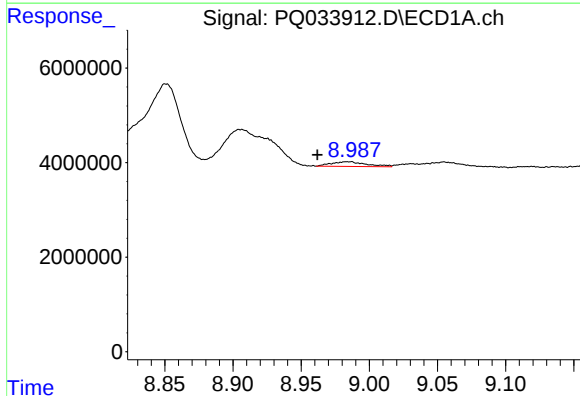
R.T.: 8.851 min
Delta R.T.: -0.013 min
Response: 22014136
Conc: 60.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



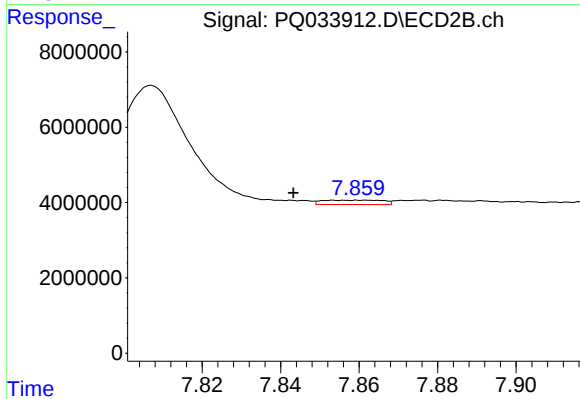
#41 AR-1268-1

R.T.: 7.807 min
Delta R.T.: 0.030 min
Response: 41474692
Conc: 121.31 ng/ml



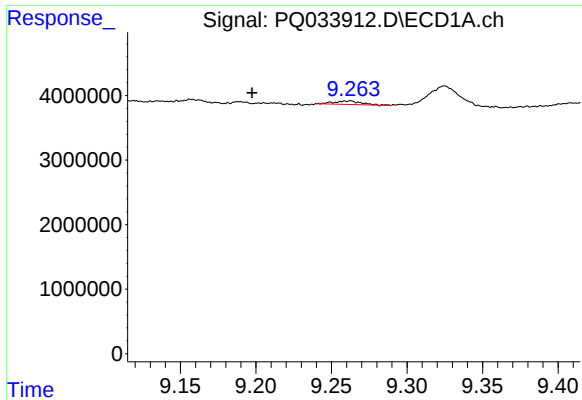
#42 AR-1268-2

R.T.: 8.986 min
Delta R.T.: 0.024 min
Response: 1755534
Conc: 5.27 ng/ml



#42 AR-1268-2

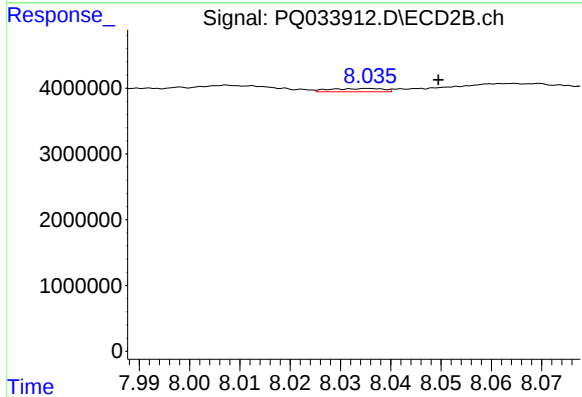
R.T.: 7.861 min
Delta R.T.: 0.018 min
Response: 1253401
Conc: 4.06 ng/ml



#43 AR-1268-3

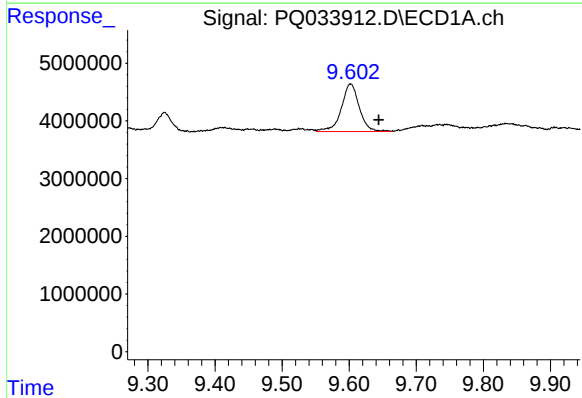
R.T.: 9.263 min
Delta R.T.: 0.065 min
Response: 663224
Conc: 2.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



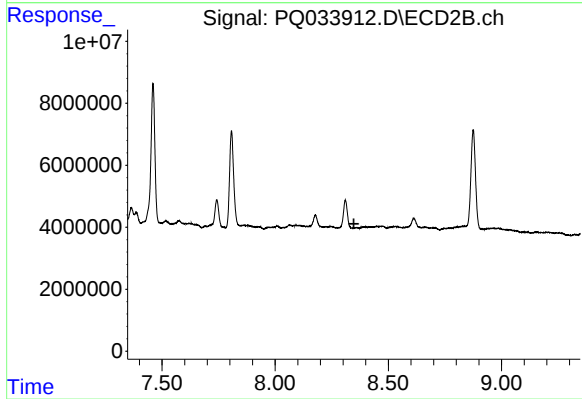
#43 AR-1268-3

R.T.: 8.036 min
Delta R.T.: -0.014 min
Response: 362239
Conc: 1.42 ng/ml



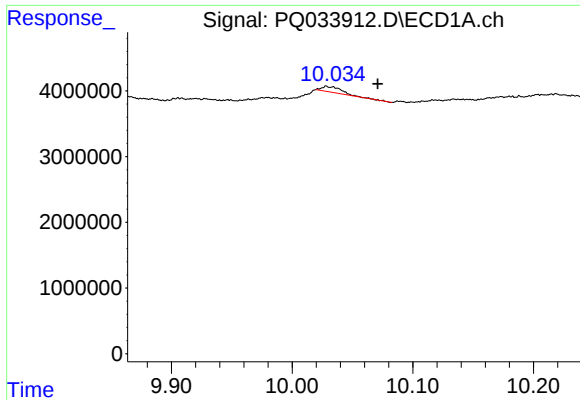
#44 AR-1268-4

R.T.: 9.602 min
Delta R.T.: -0.042 min
Response: 15351556
Conc: 127.06 ng/ml



#44 AR-1268-4

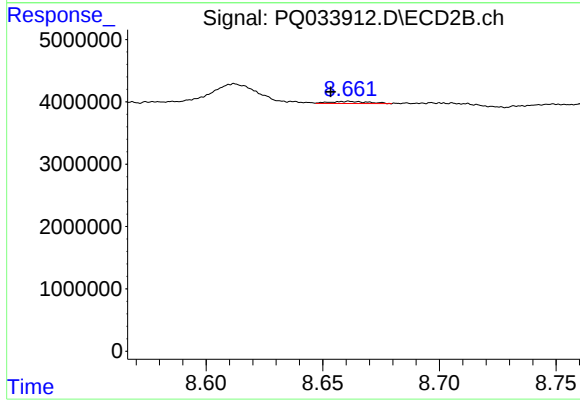
R.T.: 8.360 min
Delta R.T.: 0.013 min
Response: -2741451
Conc: N.D.



#45 AR-1268-5

R.T.: 10.029 min
Delta R.T.: -0.042 min
Response: 975330
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.661 min
Delta R.T.: 0.007 min
Response: 393624
Conc: 0.47 ng/ml