

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
 Data File : PQ043250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2019 06:46
 Operator : SM\AJ
 Sample : K4633-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 F2D04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 09:15:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 08:38:32 2019
 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...	5.698	4.789	82024567	43266417	12.550	14.015
2)	SA Decachlor...	12.085	10.569	209.4E6	104.5E6	20.048	17.050
Target Compounds							
3)	L1 AR-1016-1	7.171	6.230	63360731	40583102	249.700	302.398
4)	L1 AR-1016-2	7.171	6.230	63360731	40583102	172.618	222.001 #
5)	L1 AR-1016-3	7.241	6.474	45054627	9658208	202.830	99.256 #
6)	L1 AR-1016-4	7.398	6.534	84353729	14416676	451.595	187.722 #
7)	L1 AR-1016-5	7.669	6.818	22254148	-4758316	124.350	N.D. #
8)	L2 AR-1221-1	0.000	5.059	0	264934	N.D.	9.160 #
12)	L3 AR-1232-2	6.819	6.230	46865234	40583102	640.941	617.888
13)	L3 AR-1232-3	7.171	6.474	63360731	9658208	428.760	281.711 #
14)	L3 AR-1232-4	7.398	6.602	84353729	11036446	1202.394	348.086 #
15)	L3 AR-1232-5	7.448	6.818	8508880	-4758316	197.005	N.D. #
16)	L4 AR-1242-1	7.171	6.230	63360731	40583102	323.598	394.609
17)	L4 AR-1242-2	7.171	6.230	63360731	40583102	220.851	297.714 #
18)	L4 AR-1242-3	7.241	6.474	45054627	9658208	256.123	133.305 #
19)	L4 AR-1242-4	7.398	6.602	84353729	11036446	565.000	153.791 #
20)	L4 AR-1242-5	8.183	7.206	15595115	1130222	87.577	10.284 #
21)	L5 AR-1248-1	7.171	6.230	63360731	40583102	422.681	509.904
22)	L5 AR-1248-2	7.448	6.534	8508880	14416676	44.705	138.832 #
23)	L5 AR-1248-3	7.669	6.602	22254148	11036446	92.017	102.585
24)	L5 AR-1248-4	8.135	6.818	16903163	-4758316	56.283	N.D. #
25)	L5 AR-1248-5	8.183	7.254	15595115	2448322	53.179	16.941 #
26)	L6 AR-1254-1	8.094	7.206	19116252	1130222	65.548	4.993 #
27)	L6 AR-1254-2	8.393	7.370	1073960	9266581	2.178	44.330 #
28)	L6 AR-1254-3	8.750	7.788	36762921	11652434	66.999	31.153 #
29)	L6 AR-1254-4	9.030	8.050	21830003	87677588	51.322	362.942 #
30)	L6 AR-1254-5	9.510	8.513	130.3E6	17731272	286.972	48.922 #
31)	L7 AR-1260-1	8.880	7.958	139.6E6	24818728	401.036	110.426 #
32)	L7 AR-1260-2	9.216	8.157	740778	10393212	1.907	35.107 #
33)	L7 AR-1260-3	9.549	8.324	97570931	18201274	276.266	68.649 #
34)	L7 AR-1260-4	9.842	8.785	280.9E6	167.0E6	648.920	699.517
35)	L7 AR-1260-5	10.139	9.075	224.0E6	35699834	236.312	54.828 #
36)	L8 AR-1262-1	9.549	8.612	97570931	1903581	152.746	12.092 #
37)	L8 AR-1262-2	10.139	9.075	224.0E6	35699834	183.120	44.020 #
38)	L8 AR-1262-3	10.471	9.370	276.2E6	48128553	320.692	146.958 #
39)	L8 AR-1262-4	10.569	9.439	186.7E6	169.1E6	278.802	275.140
40)	L8 AR-1262-5	11.274	9.957	401.9E6	606.0E6	870.195	2019.037 #
41)	L9 AR-1268-1	10.471	9.370	276.2E6	48128553	205.149	57.395 #
42)	L9 AR-1268-2	10.569	9.439	186.7E6	169.1E6	148.053	215.590 #
43)	L9 AR-1268-3	10.815	0.000	3368689	0	3.256	N.D. #
44)	L9 AR-1268-4	11.274	9.957	401.9E6	606.0E6	830.954	2072.719 #

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Acq On : 05 Sep 2019 06:46
Operator : SM\AJ
Sample : K4633-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
F2D04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 09:15:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 05 08:38:32 2019
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
45) L9	AR-1268-5	11.716	10.284	362.2E6	68117098	95.149	32.169 #

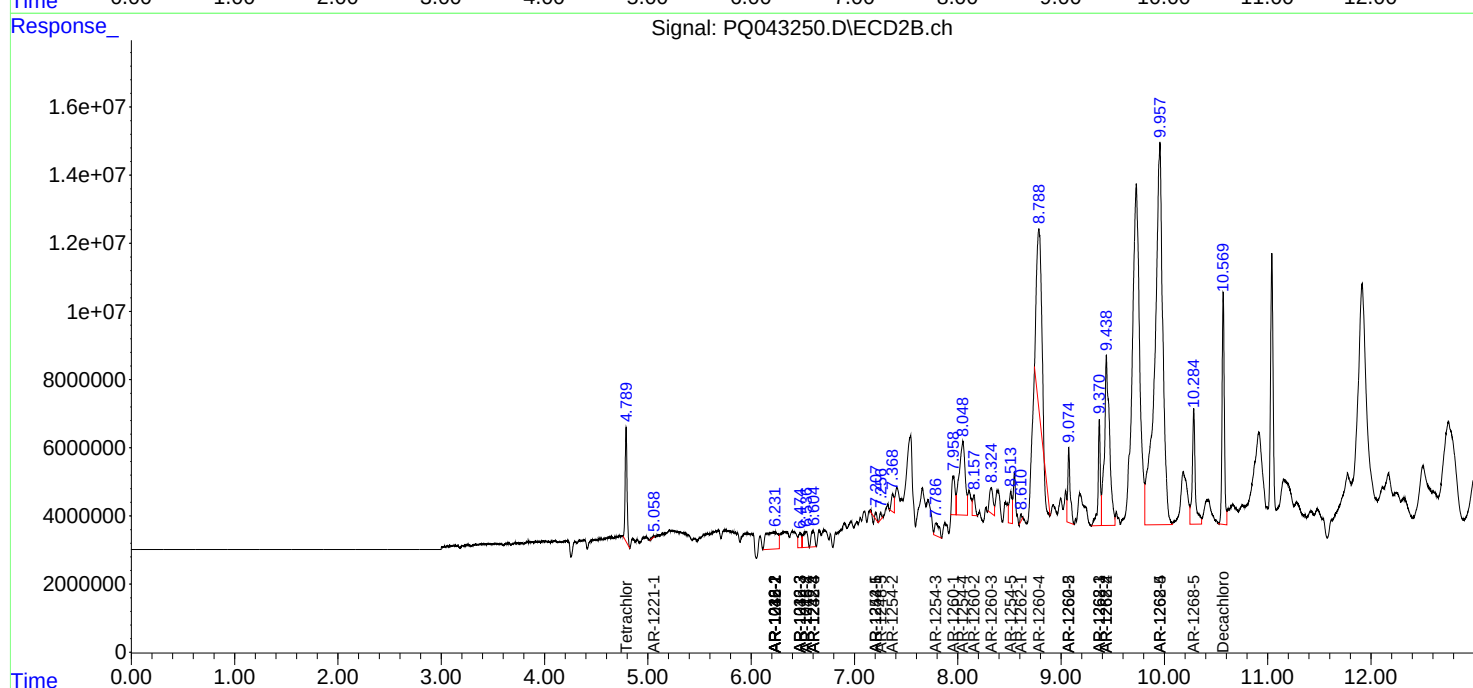
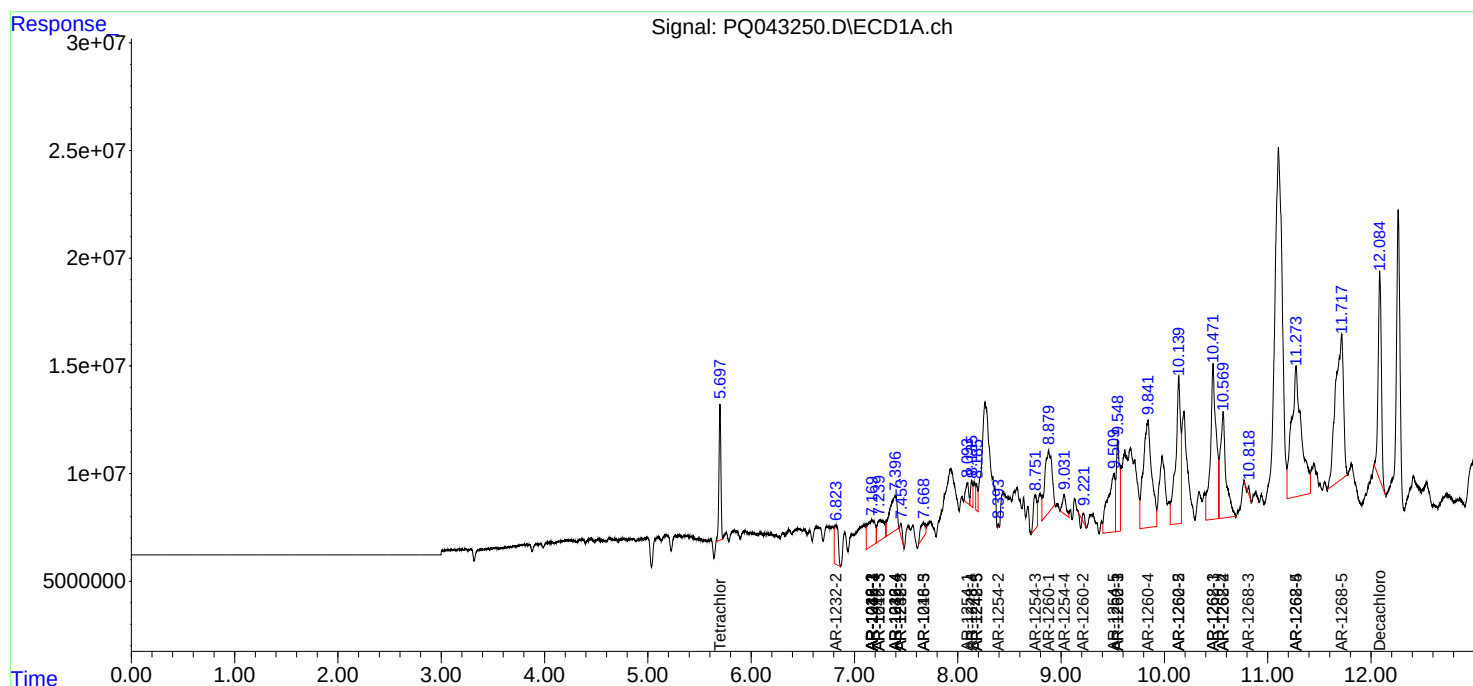
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

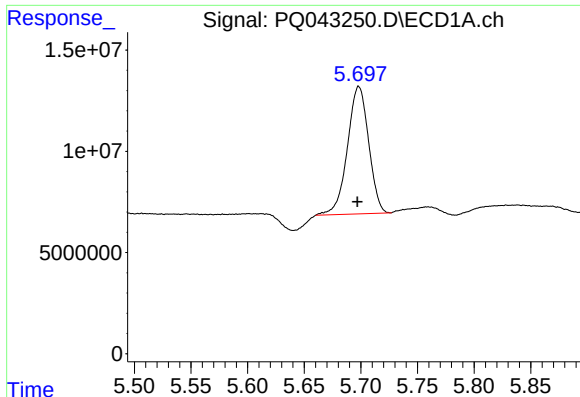
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
Data File : PQ043250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Quant Time: Sep 05 09:15:59 2019
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

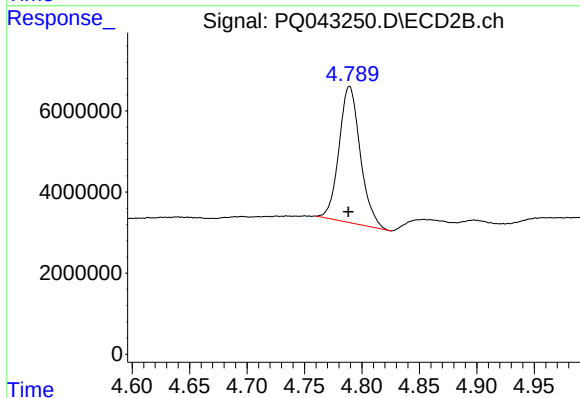




#1 Tetrachloro-m-xylene

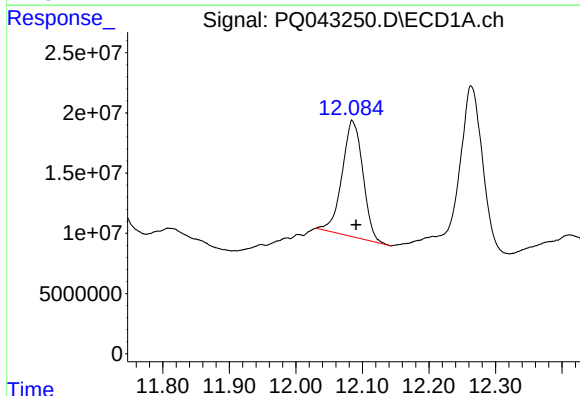
R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 82024567
Conc: 12.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



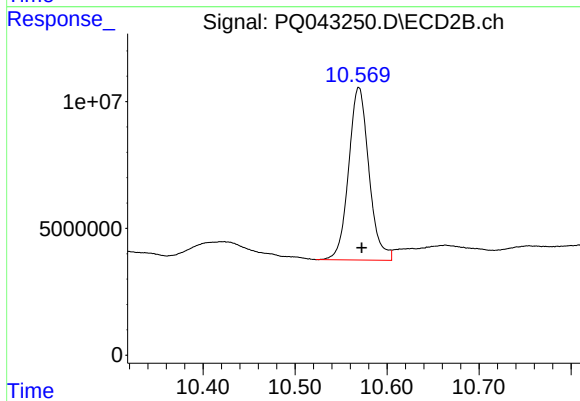
#1 Tetrachloro-m-xylene

R.T.: 4.789 min
Delta R.T.: 0.001 min
Response: 43266417
Conc: 14.01 ng/ml



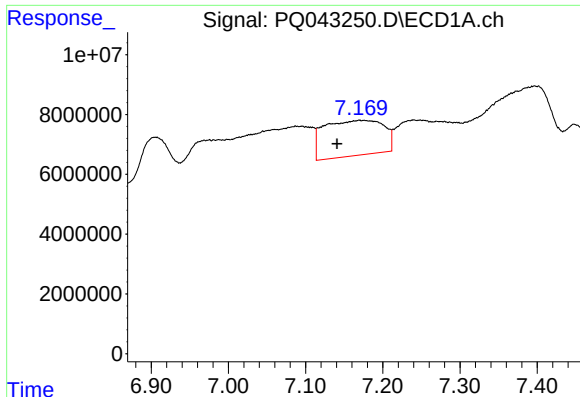
#2 Decachlorobiphenyl

R.T.: 12.085 min
Delta R.T.: -0.005 min
Response: 209409905
Conc: 20.05 ng/ml



#2 Decachlorobiphenyl

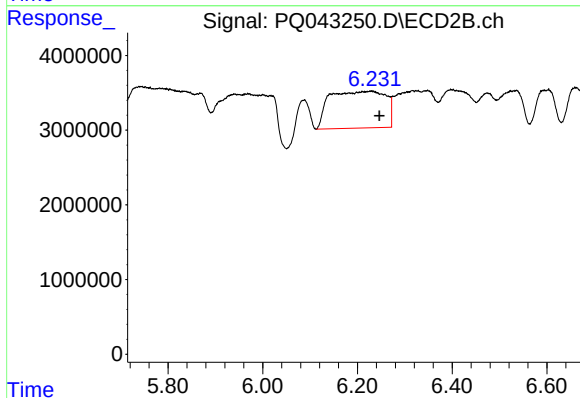
R.T.: 10.569 min
Delta R.T.: -0.003 min
Response: 104532642
Conc: 17.05 ng/ml



#3 AR-1016-1

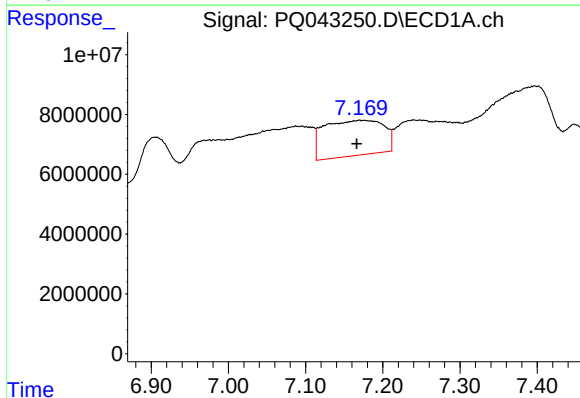
R.T.: 7.171 min
Delta R.T.: 0.030 min
Response: 63360731
Conc: 249.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



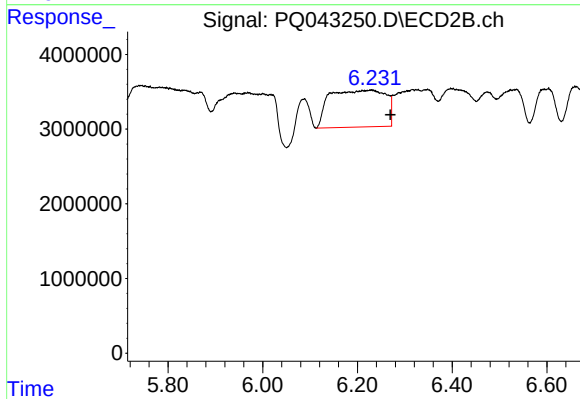
#3 AR-1016-1

R.T.: 6.230 min
Delta R.T.: -0.017 min
Response: 40583102
Conc: 302.40 ng/ml



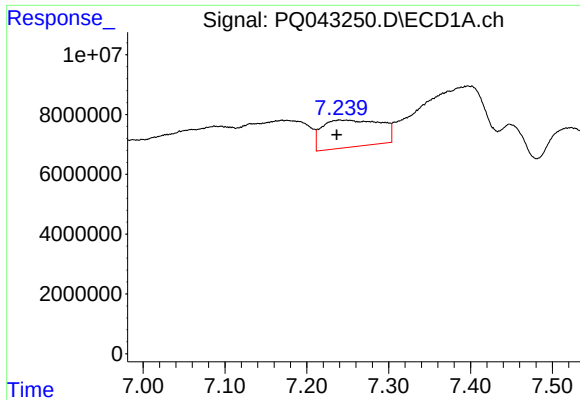
#4 AR-1016-2

R.T.: 7.171 min
Delta R.T.: 0.005 min
Response: 63360731
Conc: 172.62 ng/ml



#4 AR-1016-2

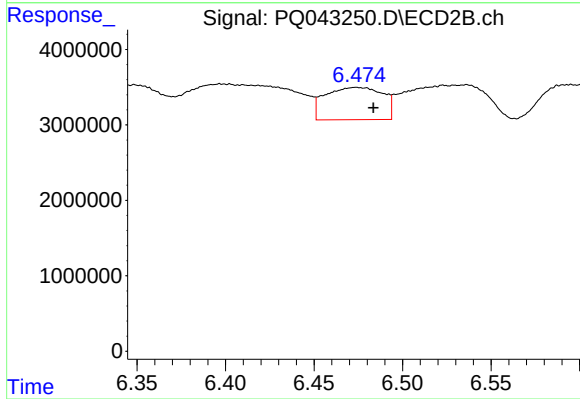
R.T.: 6.230 min
Delta R.T.: -0.040 min
Response: 40583102
Conc: 222.00 ng/ml



#5 AR-1016-3

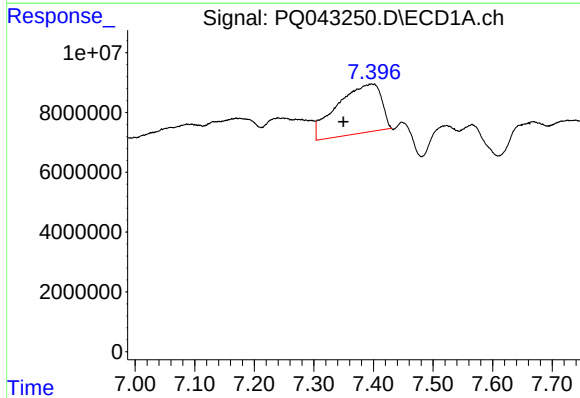
R.T.: 7.241 min
Delta R.T.: 0.004 min
Response: 45054627
Conc: 202.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



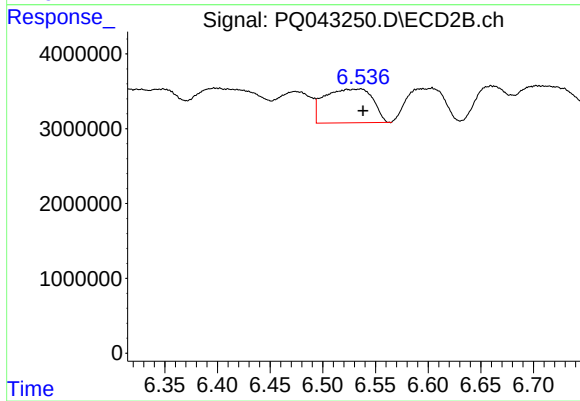
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.009 min
Response: 9658208
Conc: 99.26 ng/ml



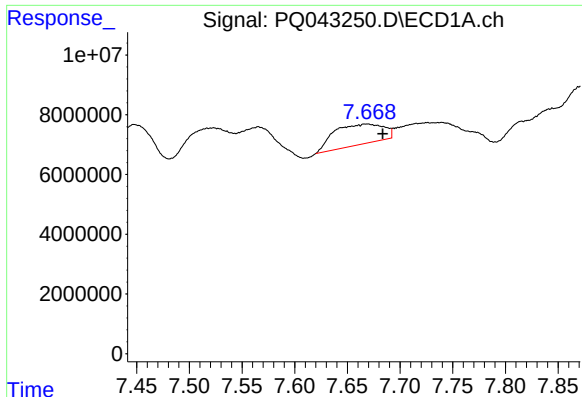
#6 AR-1016-4

R.T.: 7.398 min
Delta R.T.: 0.048 min
Response: 84353729
Conc: 451.59 ng/ml



#6 AR-1016-4

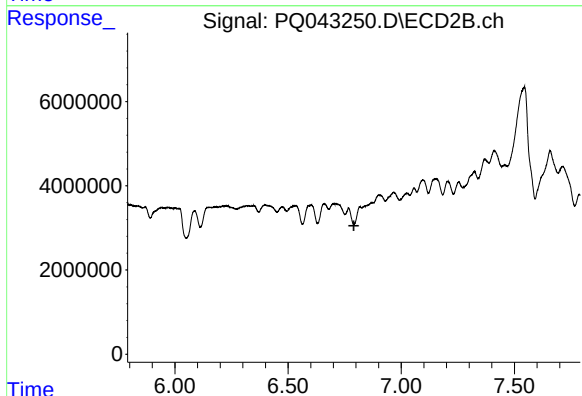
R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 14416676
Conc: 187.72 ng/ml



#7 AR-1016-5

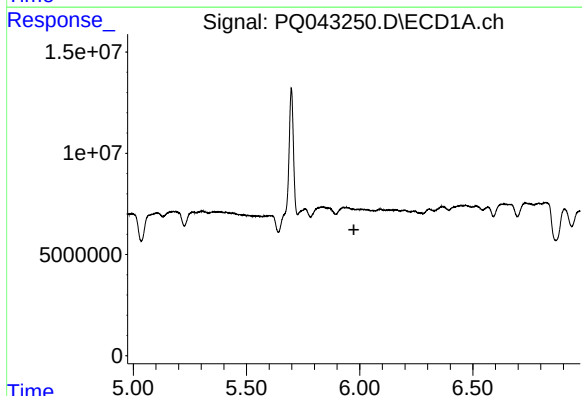
R.T.: 7.669 min
Delta R.T.: -0.015 min
Response: 22254148
Conc: 124.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



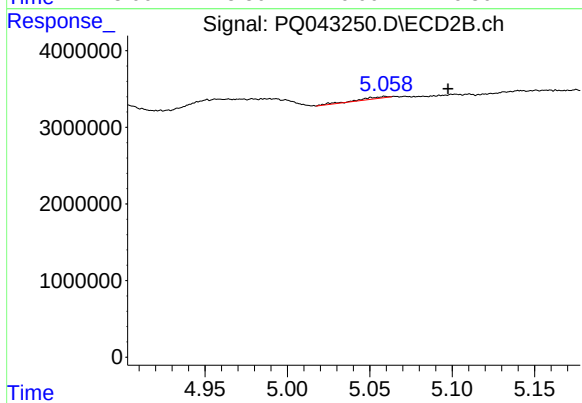
#7 AR-1016-5

R.T.: 6.818 min
Delta R.T.: 0.027 min
Response: -4758316
Conc: N.D.



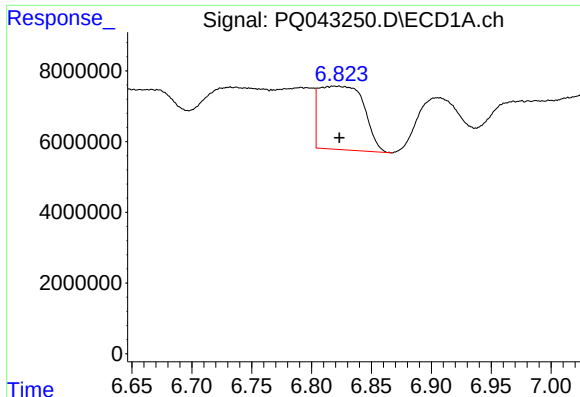
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.975 min
Response: 0
Conc: N.D.



#8 AR-1221-1

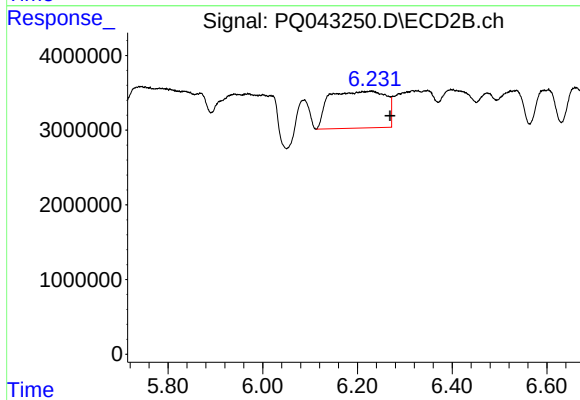
R.T.: 5.059 min
Delta R.T.: -0.038 min
Response: 264934
Conc: 9.16 ng/ml



#12 AR-1232-2

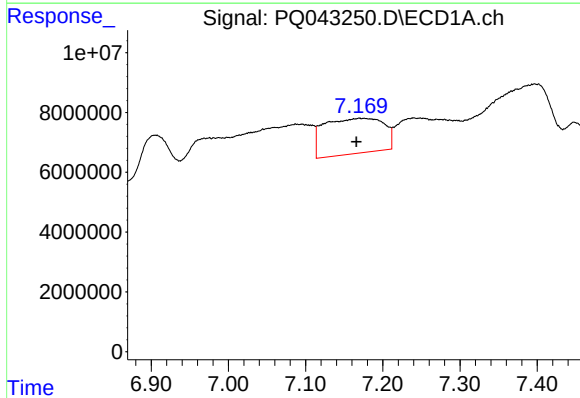
R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 46865234
Conc: 640.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



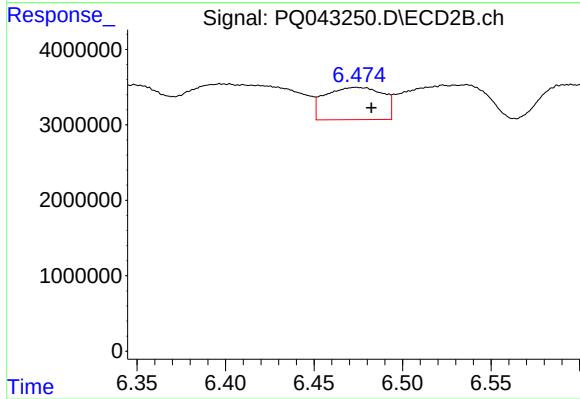
#12 AR-1232-2

R.T.: 6.230 min
Delta R.T.: -0.039 min
Response: 40583102
Conc: 617.89 ng/ml



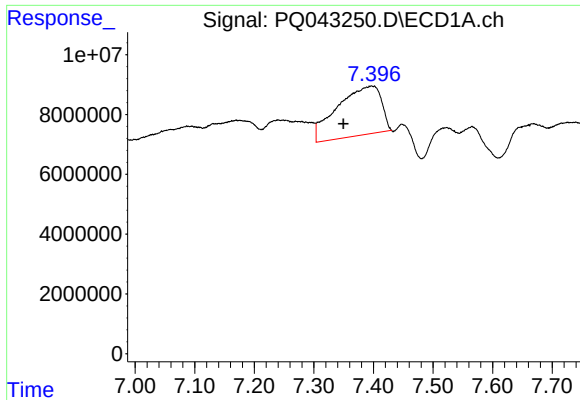
#13 AR-1232-3

R.T.: 7.171 min
Delta R.T.: 0.005 min
Response: 63360731
Conc: 428.76 ng/ml



#13 AR-1232-3

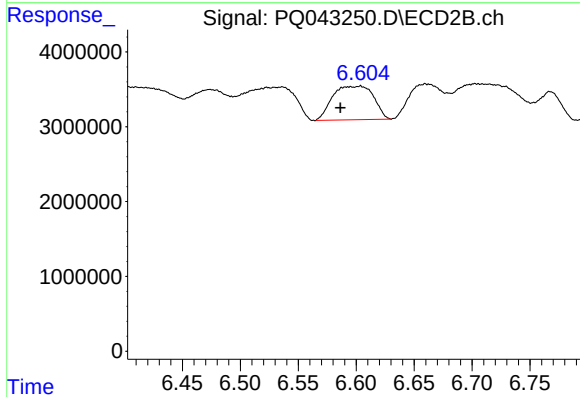
R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 9658208
Conc: 281.71 ng/ml



#14 AR-1232-4

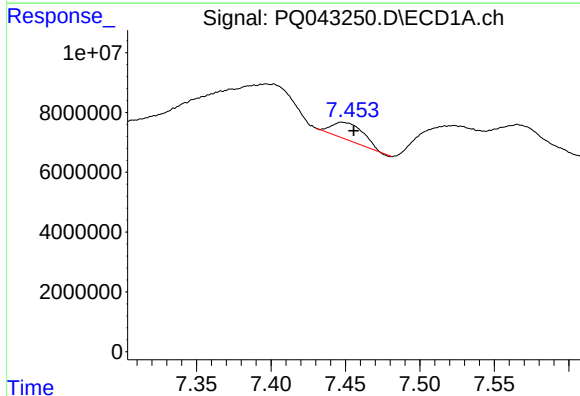
R.T.: 7.398 min
Delta R.T.: 0.048 min
Response: 84353729
Conc: 1202.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



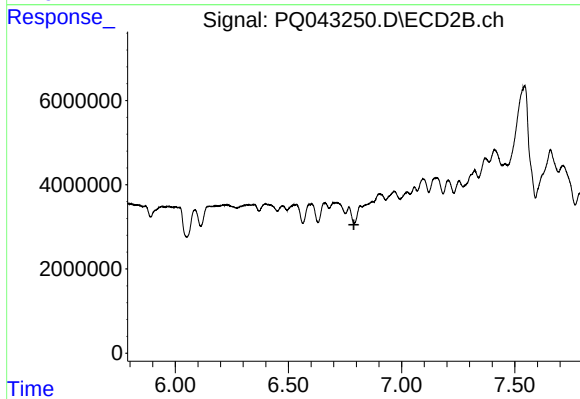
#14 AR-1232-4

R.T.: 6.602 min
Delta R.T.: 0.016 min
Response: 11036446
Conc: 348.09 ng/ml



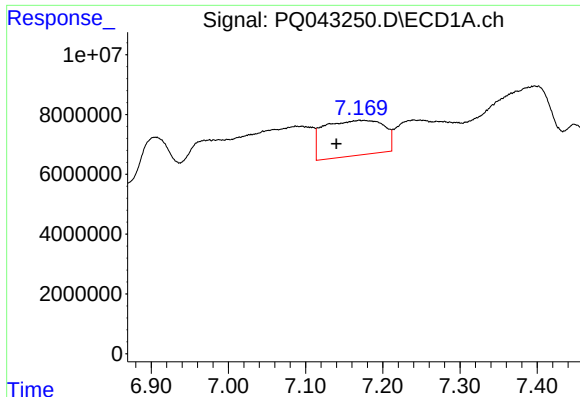
#15 AR-1232-5

R.T.: 7.448 min
Delta R.T.: -0.007 min
Response: 8508880
Conc: 197.01 ng/ml



#15 AR-1232-5

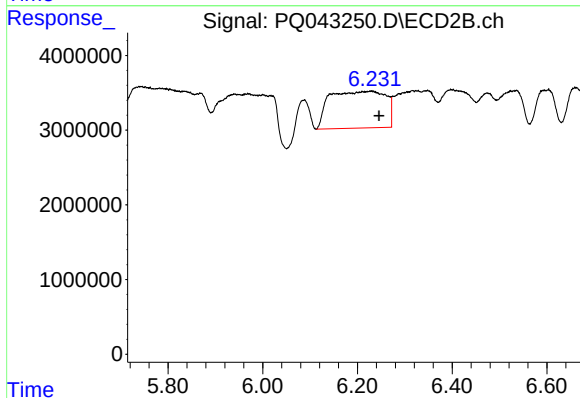
R.T.: 6.818 min
Delta R.T.: 0.028 min
Response: -4758316
Conc: N.D.



#16 AR-1242-1

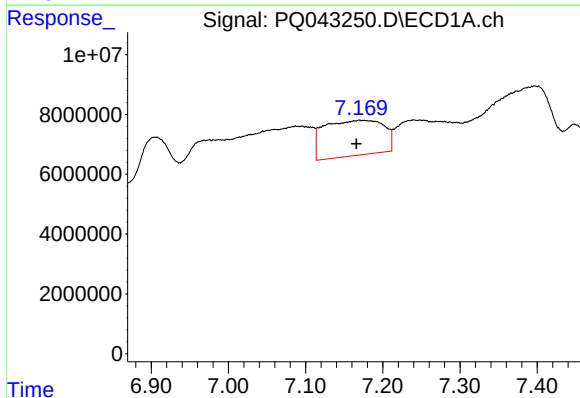
R.T.: 7.171 min
Delta R.T.: 0.031 min
Response: 63360731
Conc: 323.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



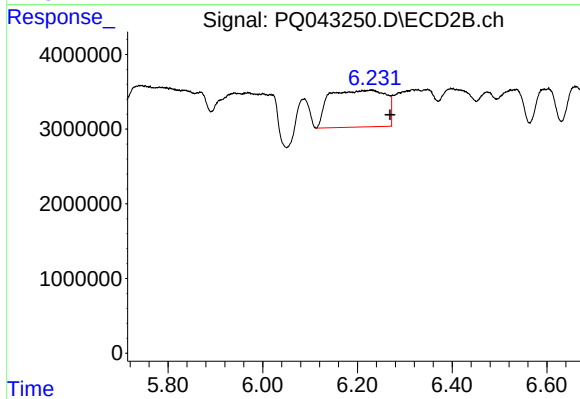
#16 AR-1242-1

R.T.: 6.230 min
Delta R.T.: -0.016 min
Response: 40583102
Conc: 394.61 ng/ml



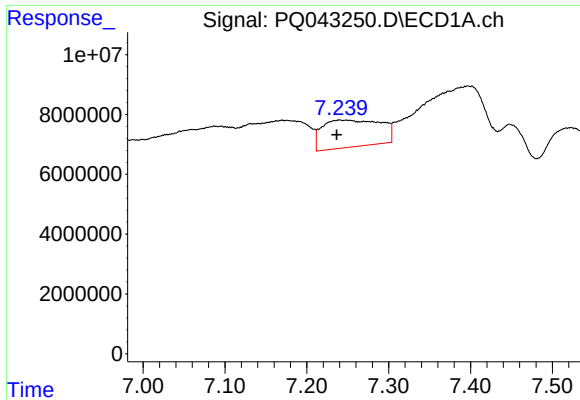
#17 AR-1242-2

R.T.: 7.171 min
Delta R.T.: 0.005 min
Response: 63360731
Conc: 220.85 ng/ml



#17 AR-1242-2

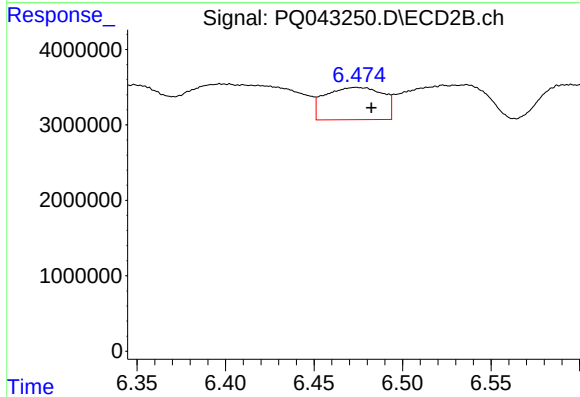
R.T.: 6.230 min
Delta R.T.: -0.039 min
Response: 40583102
Conc: 297.71 ng/ml



#18 AR-1242-3

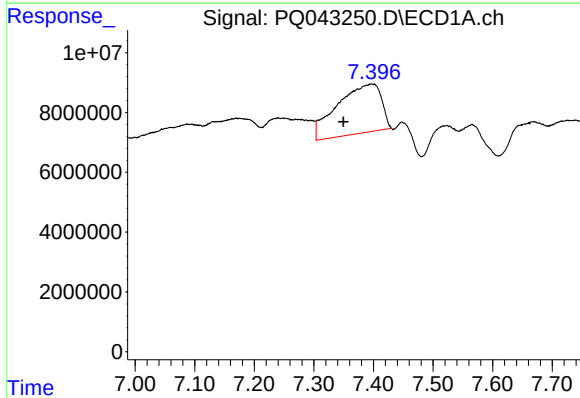
R.T.: 7.241 min
Delta R.T.: 0.004 min
Response: 45054627
Conc: 256.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



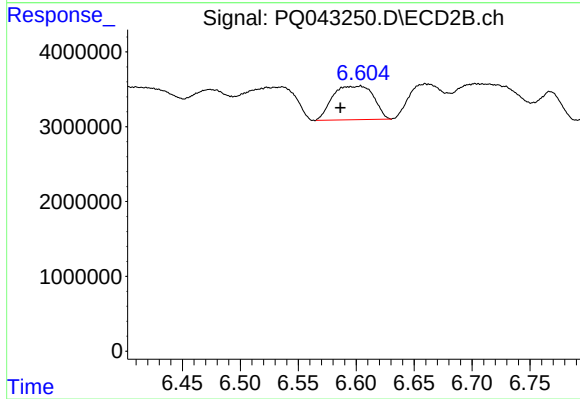
#18 AR-1242-3

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 9658208
Conc: 133.30 ng/ml



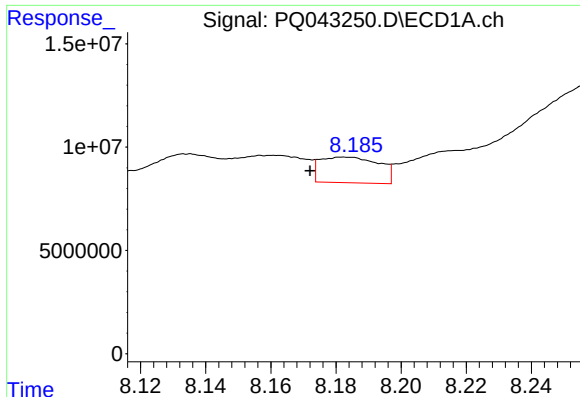
#19 AR-1242-4

R.T.: 7.398 min
Delta R.T.: 0.048 min
Response: 84353729
Conc: 565.00 ng/ml



#19 AR-1242-4

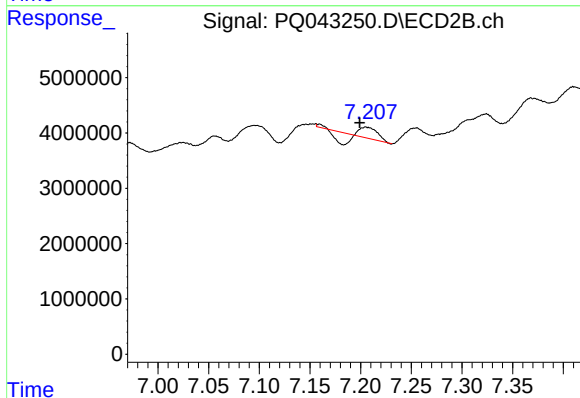
R.T.: 6.602 min
Delta R.T.: 0.016 min
Response: 11036446
Conc: 153.79 ng/ml



#20 AR-1242-5

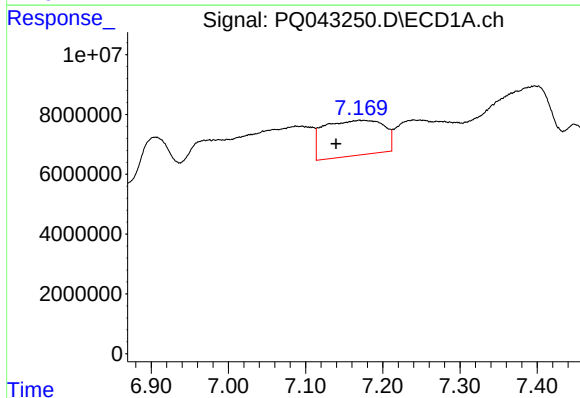
R.T.: 8.183 min
Delta R.T.: 0.011 min
Response: 15595115
Conc: 87.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



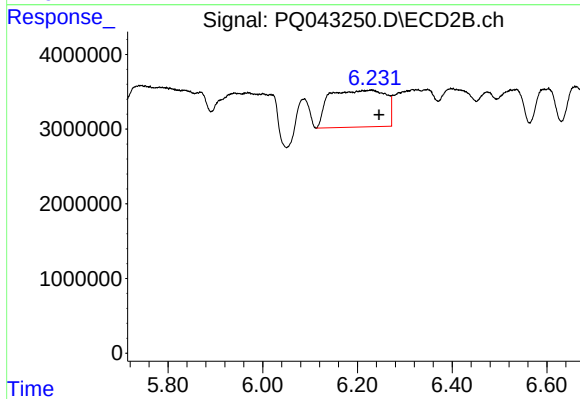
#20 AR-1242-5

R.T.: 7.206 min
Delta R.T.: 0.007 min
Response: 1130222
Conc: 10.28 ng/ml



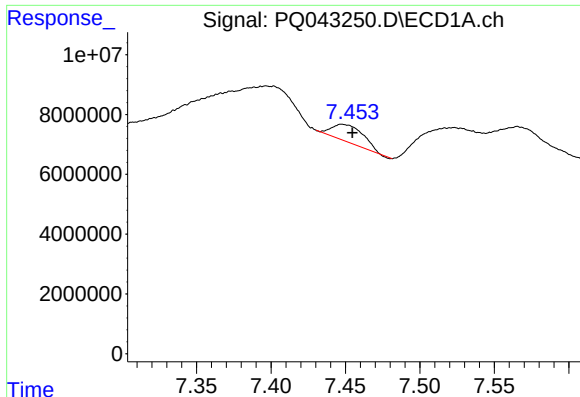
#21 AR-1248-1

R.T.: 7.171 min
Delta R.T.: 0.032 min
Response: 63360731
Conc: 422.68 ng/ml



#21 AR-1248-1

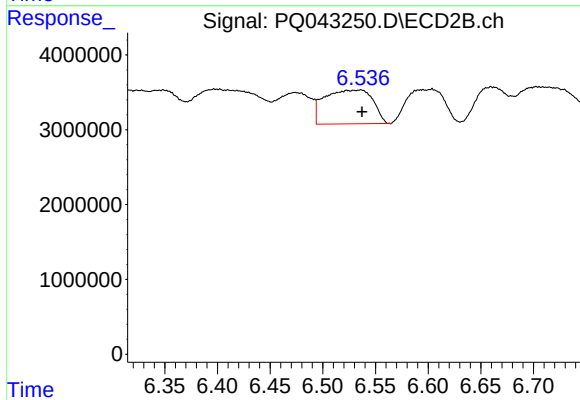
R.T.: 6.230 min
Delta R.T.: -0.016 min
Response: 40583102
Conc: 509.90 ng/ml



#22 AR-1248-2

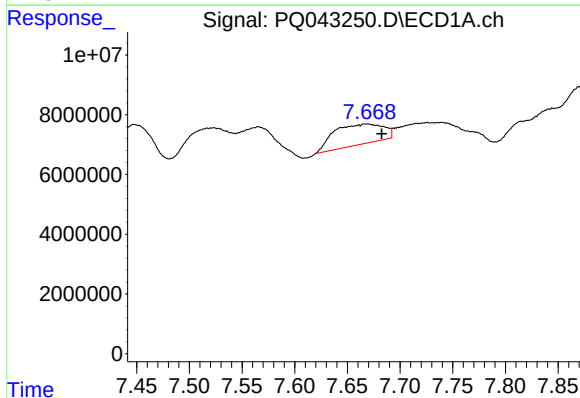
R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 8508880
Conc: 44.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



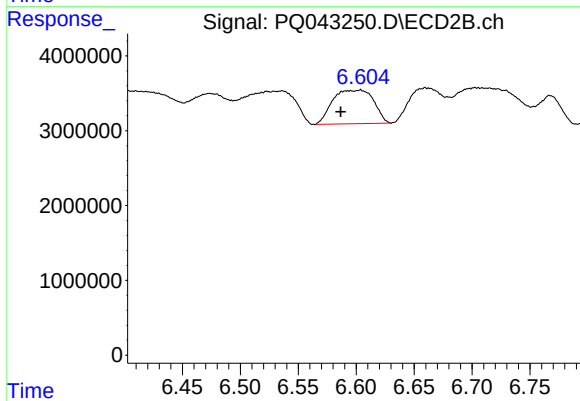
#22 AR-1248-2

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 14416676
Conc: 138.83 ng/ml



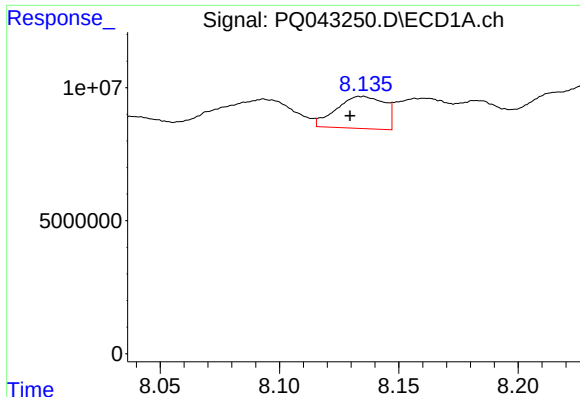
#23 AR-1248-3

R.T.: 7.669 min
Delta R.T.: -0.014 min
Response: 22254148
Conc: 92.02 ng/ml



#23 AR-1248-3

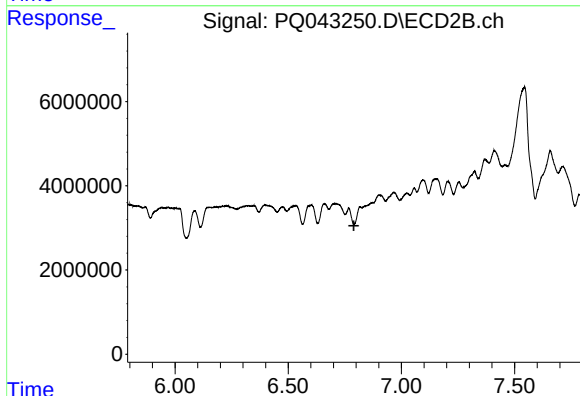
R.T.: 6.602 min
Delta R.T.: 0.016 min
Response: 11036446
Conc: 102.58 ng/ml



#24 AR-1248-4

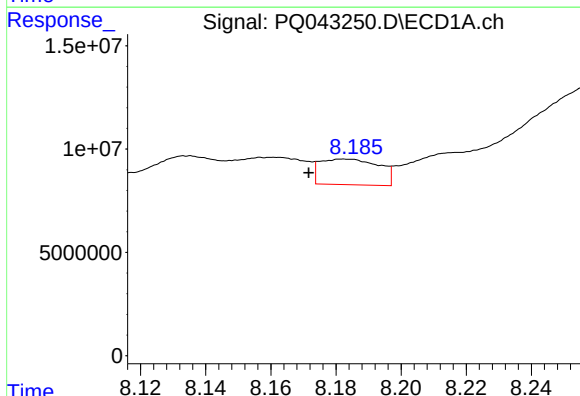
R.T.: 8.135 min
Delta R.T.: 0.005 min
Response: 16903163
Conc: 56.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



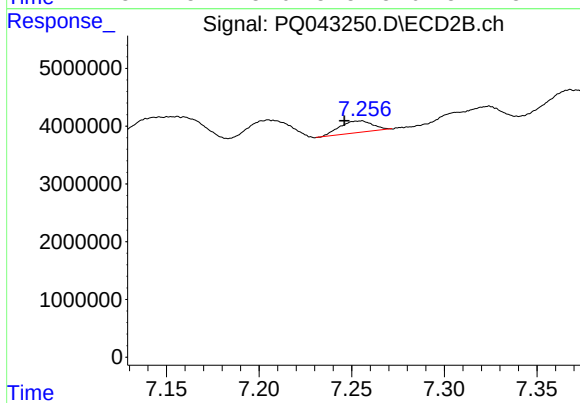
#24 AR-1248-4

R.T.: 6.818 min
Delta R.T.: 0.028 min
Response: -4758316
Conc: N.D.



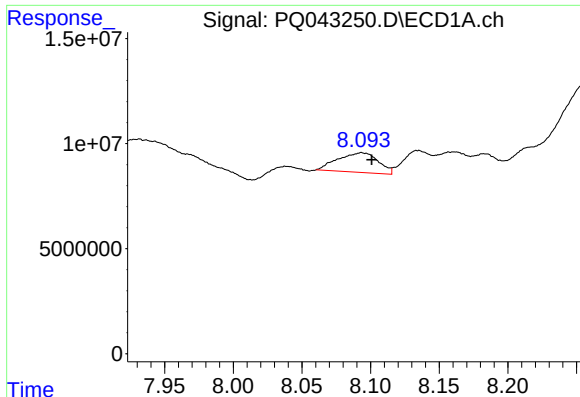
#25 AR-1248-5

R.T.: 8.183 min
Delta R.T.: 0.011 min
Response: 15595115
Conc: 53.18 ng/ml



#25 AR-1248-5

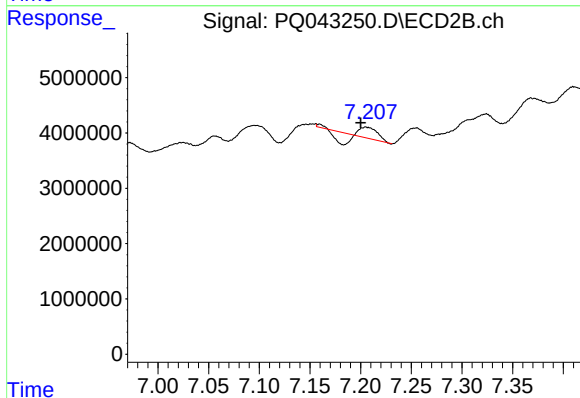
R.T.: 7.254 min
Delta R.T.: 0.008 min
Response: 2448322
Conc: 16.94 ng/ml



#26 AR-1254-1

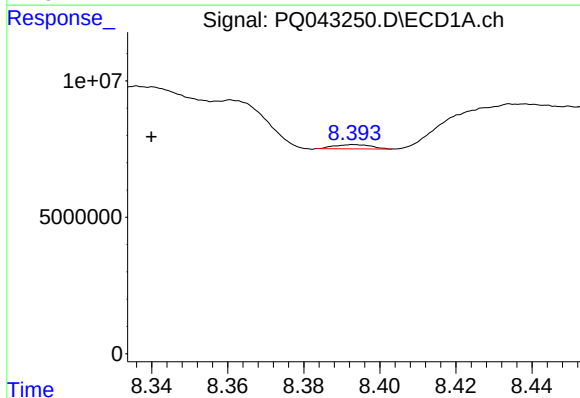
R.T.: 8.094 min
Delta R.T.: -0.007 min
Response: 19116252
Conc: 65.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



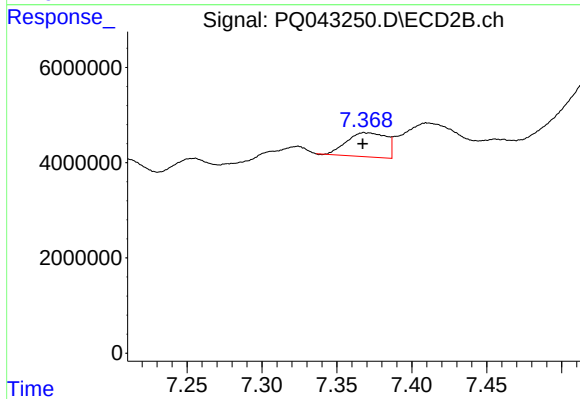
#26 AR-1254-1

R.T.: 7.206 min
Delta R.T.: 0.006 min
Response: 1130222
Conc: 4.99 ng/ml



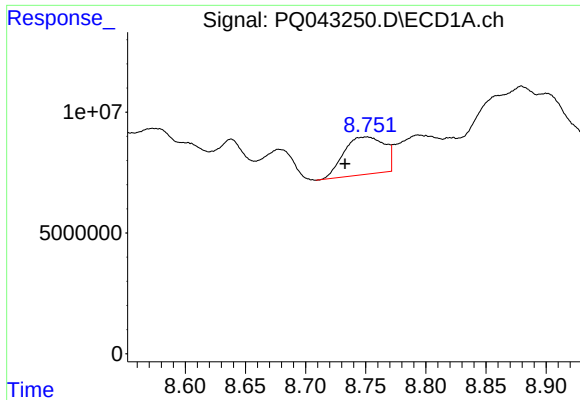
#27 AR-1254-2

R.T.: 8.393 min
Delta R.T.: 0.053 min
Response: 1073960
Conc: 2.18 ng/ml



#27 AR-1254-2

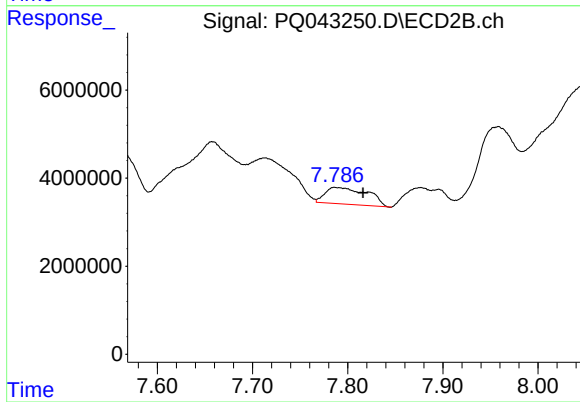
R.T.: 7.370 min
Delta R.T.: 0.003 min
Response: 9266581
Conc: 44.33 ng/ml



#28 AR-1254-3

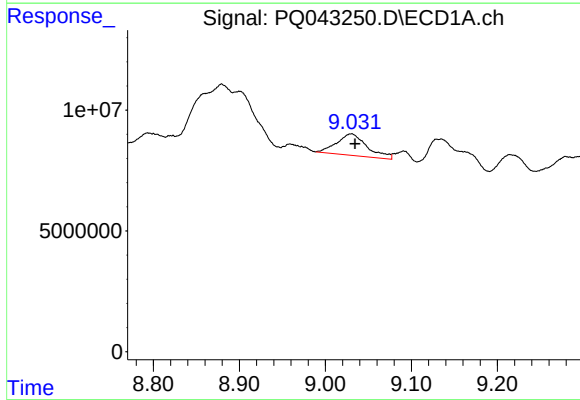
R.T.: 8.750 min
Delta R.T.: 0.017 min
Response: 36762921
Conc: 67.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



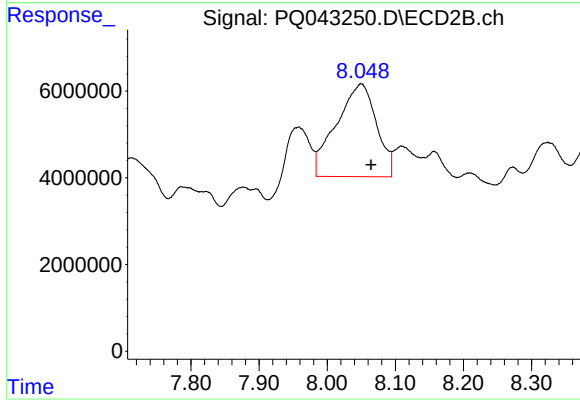
#28 AR-1254-3

R.T.: 7.788 min
Delta R.T.: -0.029 min
Response: 11652434
Conc: 31.15 ng/ml



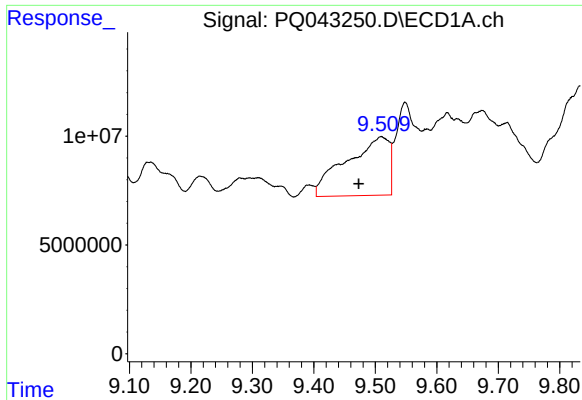
#29 AR-1254-4

R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 21830003
Conc: 51.32 ng/ml



#29 AR-1254-4

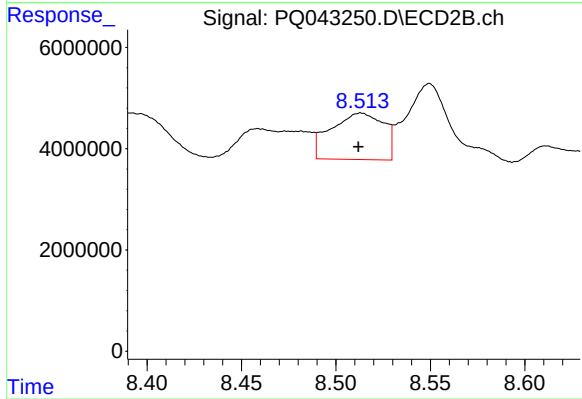
R.T.: 8.050 min
Delta R.T.: -0.015 min
Response: 87677588
Conc: 362.94 ng/ml



#30 AR-1254-5

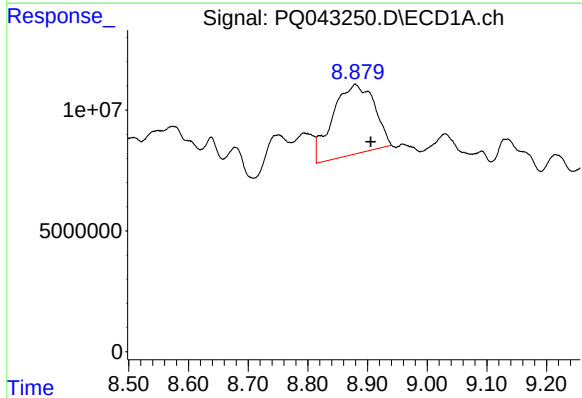
R.T.: 9.510 min
Delta R.T.: 0.037 min
Response: 130297907
Conc: 286.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



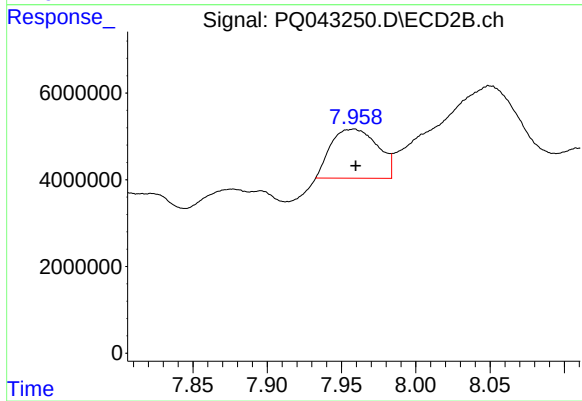
#30 AR-1254-5

R.T.: 8.513 min
Delta R.T.: 0.001 min
Response: 17731272
Conc: 48.92 ng/ml



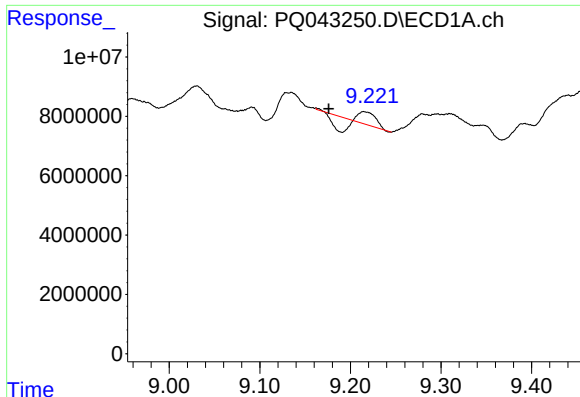
#31 AR-1260-1

R.T.: 8.880 min
Delta R.T.: -0.026 min
Response: 139644795
Conc: 401.04 ng/ml



#31 AR-1260-1

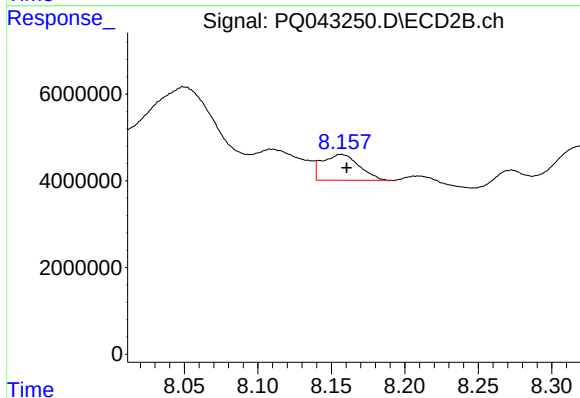
R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 24818728
Conc: 110.43 ng/ml



#32 AR-1260-2

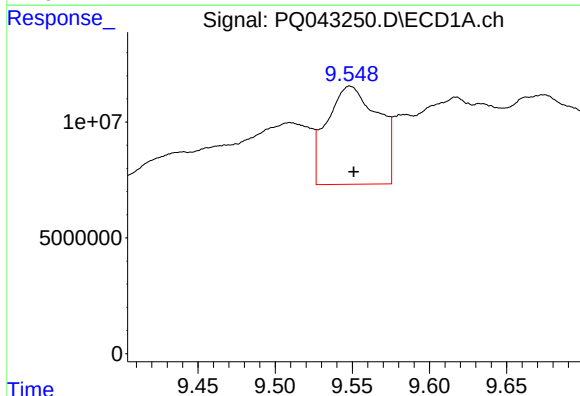
R.T.: 9.216 min
Delta R.T.: 0.040 min
Response: 740778
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



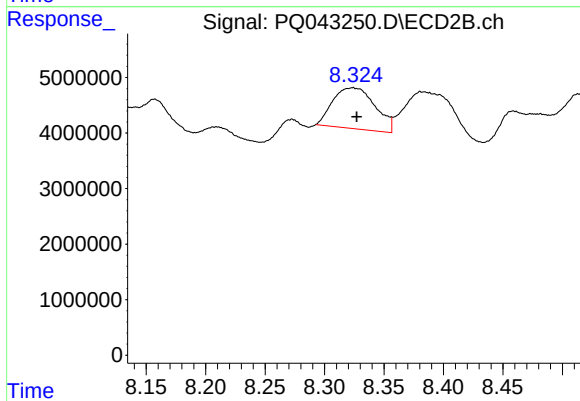
#32 AR-1260-2

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 10393212
Conc: 35.11 ng/ml



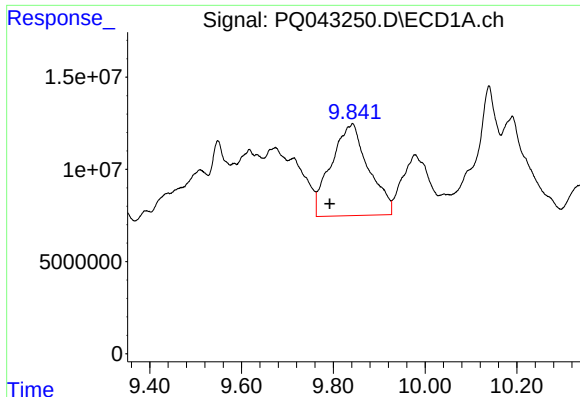
#33 AR-1260-3

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 97570931
Conc: 276.27 ng/ml



#33 AR-1260-3

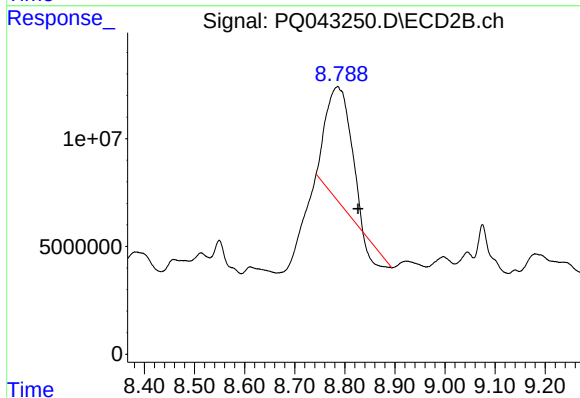
R.T.: 8.324 min
Delta R.T.: -0.004 min
Response: 18201274
Conc: 68.65 ng/ml



#34 AR-1260-4

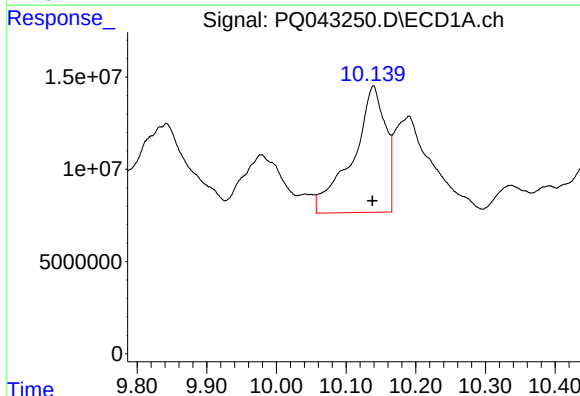
R.T.: 9.842 min
Delta R.T.: 0.049 min
Response: 280919476
Conc: 648.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



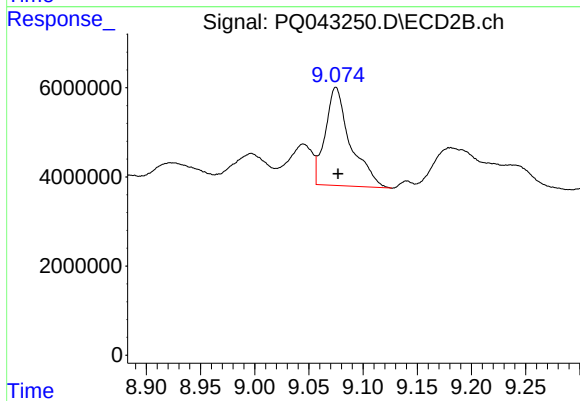
#34 AR-1260-4

R.T.: 8.785 min
Delta R.T.: -0.042 min
Response: 167045822
Conc: 699.52 ng/ml



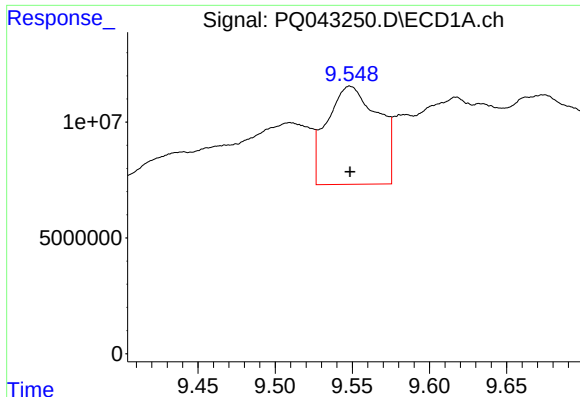
#35 AR-1260-5

R.T.: 10.139 min
Delta R.T.: 0.002 min
Response: 224007767
Conc: 236.31 ng/ml



#35 AR-1260-5

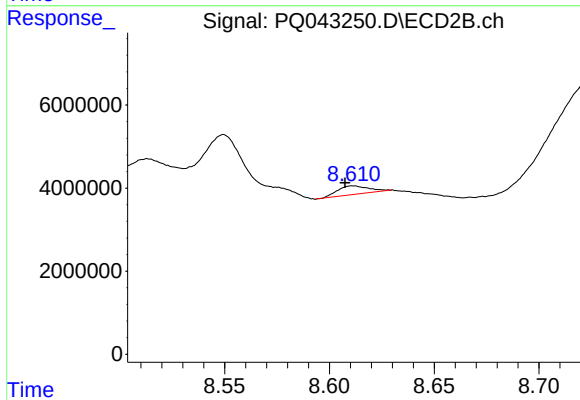
R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 35699834
Conc: 54.83 ng/ml



#36 AR-1262-1

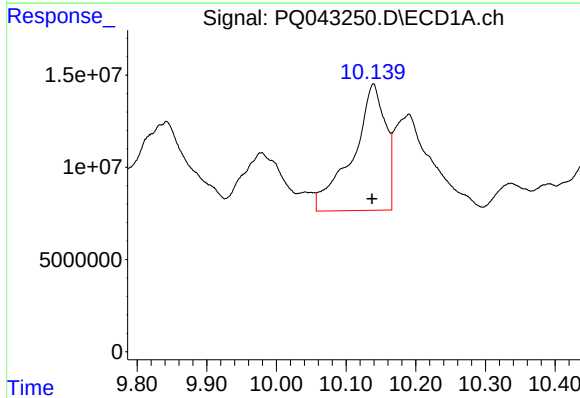
R.T.: 9.549 min
Delta R.T.: 0.000 min
Response: 97570931
Conc: 152.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



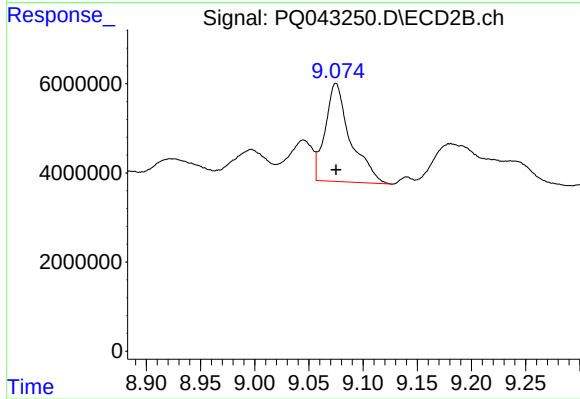
#36 AR-1262-1

R.T.: 8.612 min
Delta R.T.: 0.005 min
Response: 1903581
Conc: 12.09 ng/ml



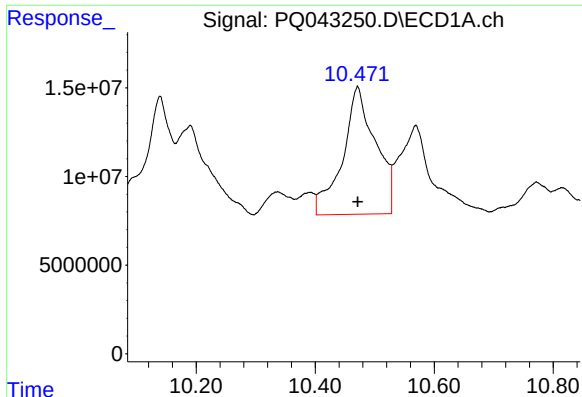
#37 AR-1262-2

R.T.: 10.139 min
Delta R.T.: 0.002 min
Response: 224007767
Conc: 183.12 ng/ml



#37 AR-1262-2

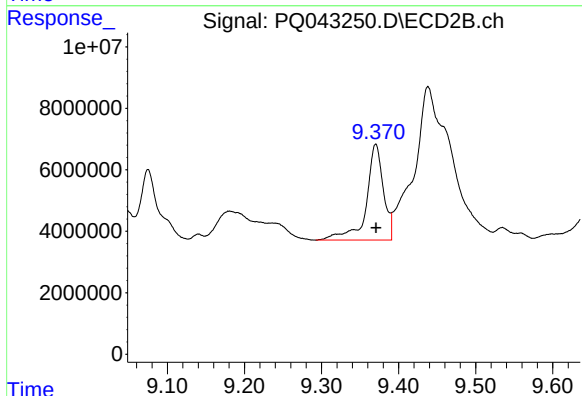
R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 35699834
Conc: 44.02 ng/ml



#38 AR-1262-3

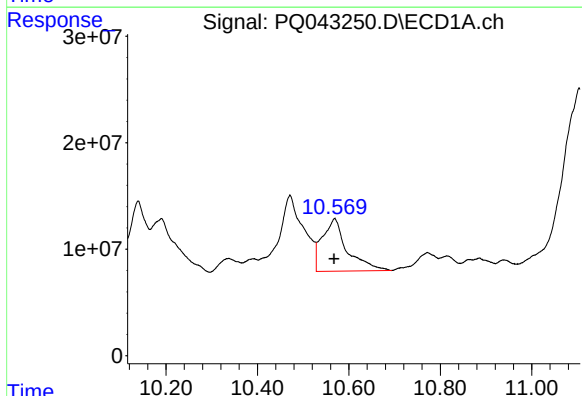
R.T.: 10.471 min
Delta R.T.: 0.000 min
Response: 276239304
Conc: 320.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



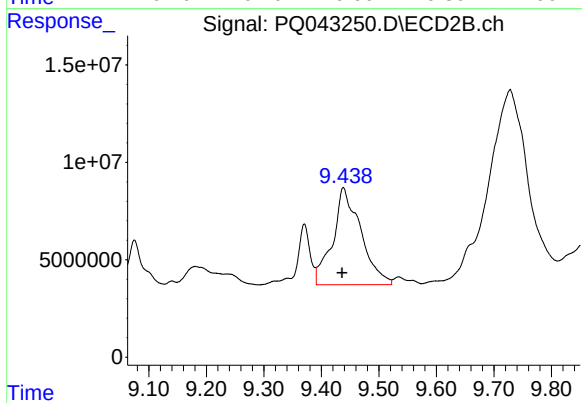
#38 AR-1262-3

R.T.: 9.370 min
Delta R.T.: 0.000 min
Response: 48128553
Conc: 146.96 ng/ml



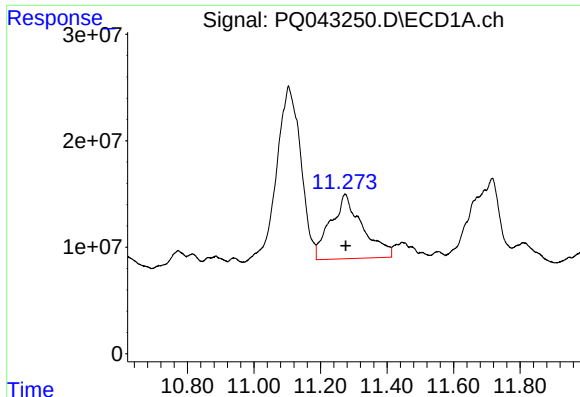
#39 AR-1262-4

R.T.: 10.569 min
Delta R.T.: 0.001 min
Response: 186712165
Conc: 278.80 ng/ml



#39 AR-1262-4

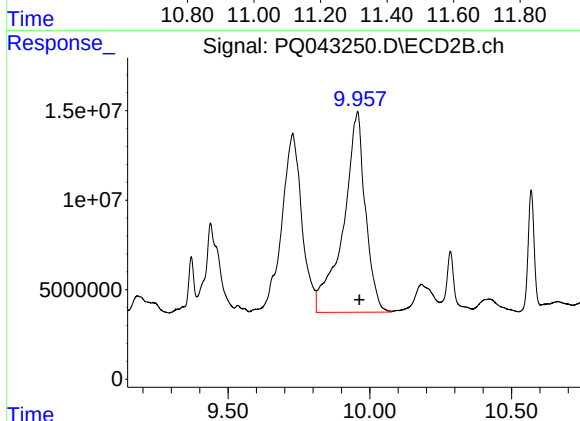
R.T.: 9.439 min
Delta R.T.: 0.002 min
Response: 169085199
Conc: 275.14 ng/ml



#40 AR-1262-5

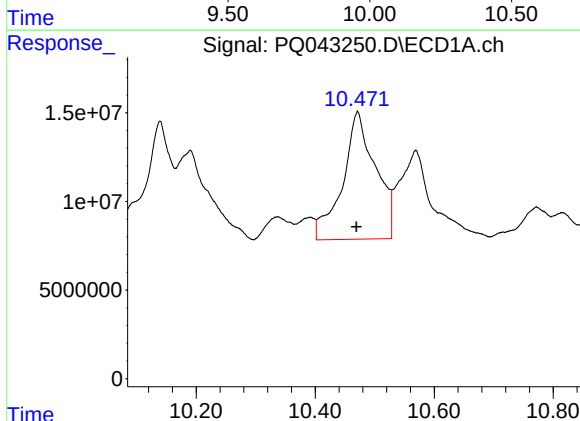
R.T.: 11.274 min
Delta R.T.: -0.002 min
Response: 401913776
Conc: 870.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



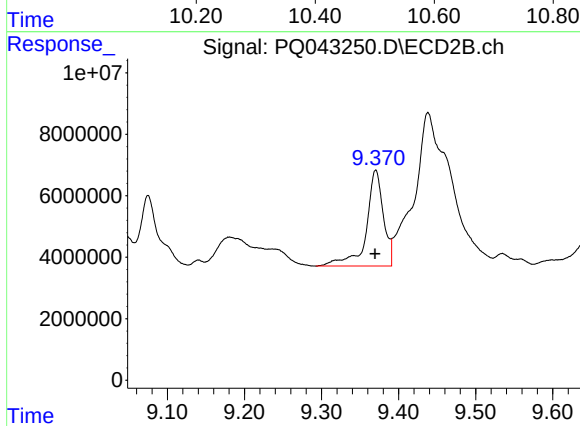
#40 AR-1262-5

R.T.: 9.957 min
Delta R.T.: -0.007 min
Response: 605994658
Conc: 2019.04 ng/ml



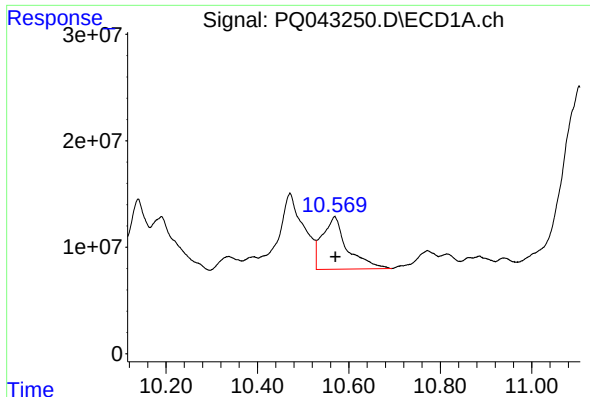
#41 AR-1268-1

R.T.: 10.471 min
Delta R.T.: 0.002 min
Response: 276239304
Conc: 205.15 ng/ml



#41 AR-1268-1

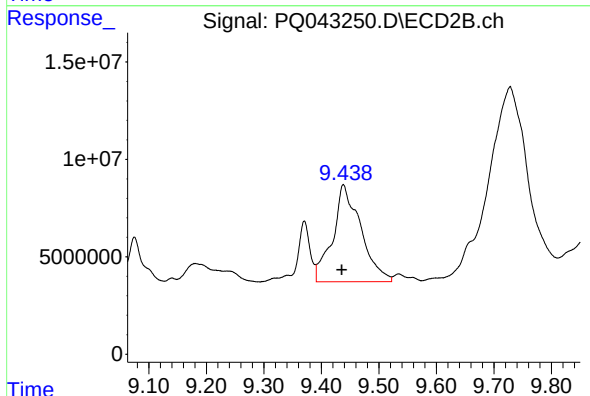
R.T.: 9.370 min
Delta R.T.: 0.000 min
Response: 48128553
Conc: 57.40 ng/ml



#42 AR-1268-2

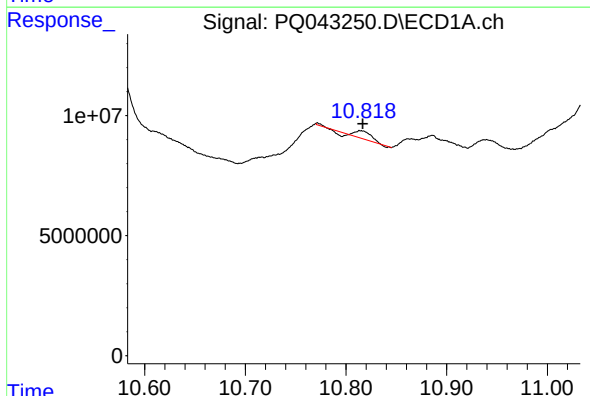
R.T.: 10.569 min
Delta R.T.: -0.002 min
Response: 186712165
Conc: 148.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



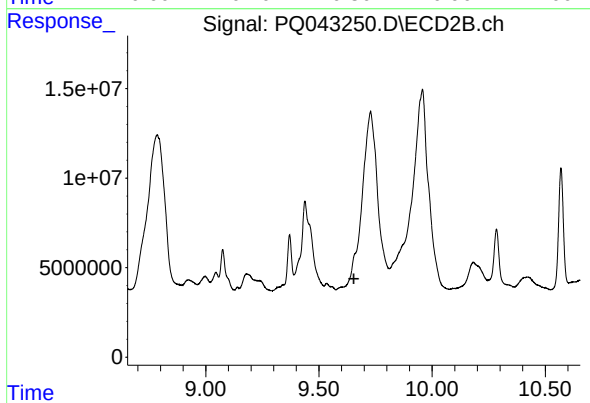
#42 AR-1268-2

R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 169085199
Conc: 215.59 ng/ml



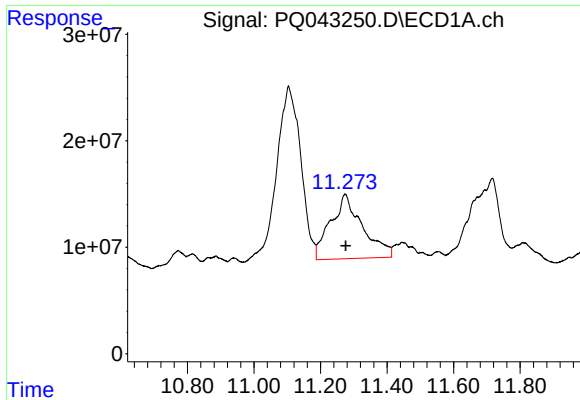
#43 AR-1268-3

R.T.: 10.815 min
Delta R.T.: -0.002 min
Response: 3368689
Conc: 3.26 ng/ml



#43 AR-1268-3

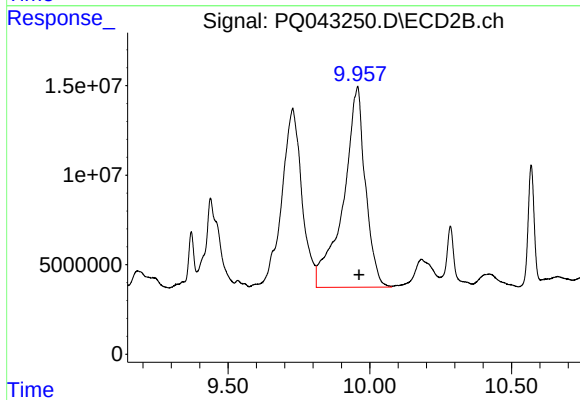
R.T.: 0.000 min
Exp R.T.: 9.654 min
Response: 0
Conc: N.D.



#44 AR-1268-4

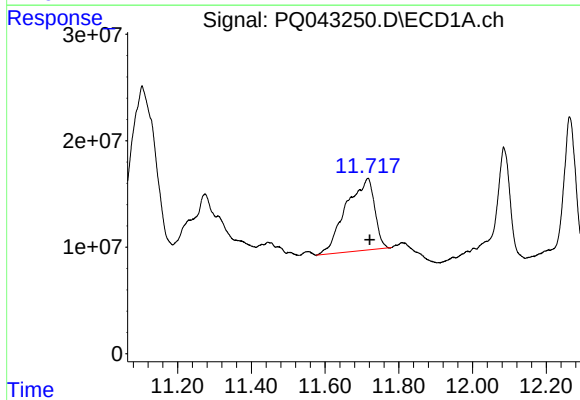
R.T.: 11.274 min
Delta R.T.: -0.002 min
Response: 401913776
Conc: 830.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D04



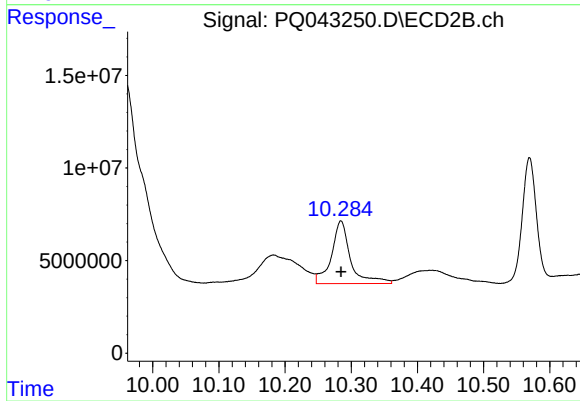
#44 AR-1268-4

R.T.: 9.957 min
Delta R.T.: -0.005 min
Response: 605994658
Conc: 2072.72 ng/ml



#45 AR-1268-5

R.T.: 11.716 min
Delta R.T.: -0.005 min
Response: 362152223
Conc: 95.15 ng/ml



#45 AR-1268-5

R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 68117098
Conc: 32.17 ng/ml