

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101421\
 Data File : PQ054966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2021 20:29
 Operator : AJ\MA
 Sample : M4196-12
 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 15 13:57:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
 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...	5.196	4.204	534.6E6	247.8E6	23.082	22.617
2)	SA Decachlor...	11.352	9.524	777.1E6	568.0E6	43.448	40.137
Target Compounds							
3)	L1 AR-1016-1	6.521	5.450	669884	934476	0.950	2.562 #
4)	L1 AR-1016-2	6.521	5.450	669884	934476	0.585	1.416 #
5)	L1 AR-1016-3	0.000	5.694	0	1098696	N.D.	3.691 #
6)	L1 AR-1016-4	0.000	5.746	0	1728041	N.D.	6.828 #
7)	L1 AR-1016-5	7.038	5.948	10083791	5553009	19.111	17.422
8)	L2 AR-1221-1	5.495f	0.000	7868995	0	30.043	N.D. #
9)	L2 AR-1221-2	5.551	4.558	8864378	3442660	50.059	42.983
10)	L2 AR-1221-3	5.642	4.701f	3296940	6944538	5.718	22.690 #
11)	L3 AR-1232-1	5.642	4.701f	3296940	6944538	7.360	28.300 #
12)	L3 AR-1232-2	6.224	5.450	12960221	934476	53.009	3.388 #
13)	L3 AR-1232-3	6.521	5.694	669884	1098696	1.390	8.956 #
14)	L3 AR-1232-4	0.000	5.746	0	1728041	N.D.	15.535 #
15)	L3 AR-1232-5	6.809	5.948	2724055	5553009	16.424	44.814 #
16)	L4 AR-1242-1	6.521	5.450	669884	934476	1.137	2.997 #
17)	L4 AR-1242-2	6.521	5.450	669884	934476	0.701	1.702 #
18)	L4 AR-1242-3	0.000	5.694	0	1098696	N.D.	4.348 #
19)	L4 AR-1242-4	0.000	5.746	0	1728041	N.D.	6.910 #
20)	L4 AR-1242-5	7.501	6.328	8141333	5528812	15.646	15.770
21)	L5 AR-1248-1	6.521	5.450	669884	934476	1.566	4.059 #
22)	L5 AR-1248-2	6.809	5.746	2724055	1728041	4.205	4.806
23)	L5 AR-1248-3	7.038	5.746	10083791	1728041	13.676	4.657 #
24)	L5 AR-1248-4	7.459	5.948	6306054	5553009	7.307	12.338 #
25)	L5 AR-1248-5	7.501	6.375	8141333	1873075	9.235	3.846 #
26)	L6 AR-1254-1	7.411	6.328	58308586	5528812	70.663	7.590 #
27)	L6 AR-1254-2	7.658	6.514	140.0E6	85830411	108.593	133.283
28)	L6 AR-1254-3	8.050	6.930	536.5E6	330.2E6	385.228	316.620
29)	L6 AR-1254-4	8.371f	7.131	1524.9E6	7529326	1495.539	10.698 #
30)	L6 AR-1254-5	8.784	7.575	5257.1E6	4862.8E6	4832.990	4729.362
31)	L7 AR-1260-1	8.200	7.046	17031075	3746279	19.470	5.762 #
32)	L7 AR-1260-2	8.467	7.252	2751.4E6	25967495	2457.542	28.905 #
33)	L7 AR-1260-3	8.784	7.379	5257.1E6	20992151	4294.733	25.710 #
34)	L7 AR-1260-4	9.069	7.875	5048350	2016051	5.520	2.942 #
35)	L7 AR-1260-5	9.413	8.125	3338710	4039292	1.848	2.100
36)	L8 AR-1262-1	8.784f	7.575	5257.1E6	4862.8E6	4148.204	8802.179 #
37)	L8 AR-1262-2	9.413	8.125	3338710	4039292	1.433	1.674
39)	L8 AR-1262-4	9.861	8.476	5317437	4189074	8.144	2.514 #
40)	L8 AR-1262-5	10.594f	8.960	8704151	6335156	10.039	8.063
42)	L9 AR-1268-2	9.861	8.476	5317437	4189074	2.153	1.690
43)	L9 AR-1268-3	10.083	8.684	4809964	5026845	2.306	2.336

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 05 07:08:29 2021
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
44)	L9 AR-1268-4	10.594f	8.960	8704151	6335156	9.254	7.336
45)	L9 AR-1268-5	10.995	9.269	8801309	8070549	1.237	1.284

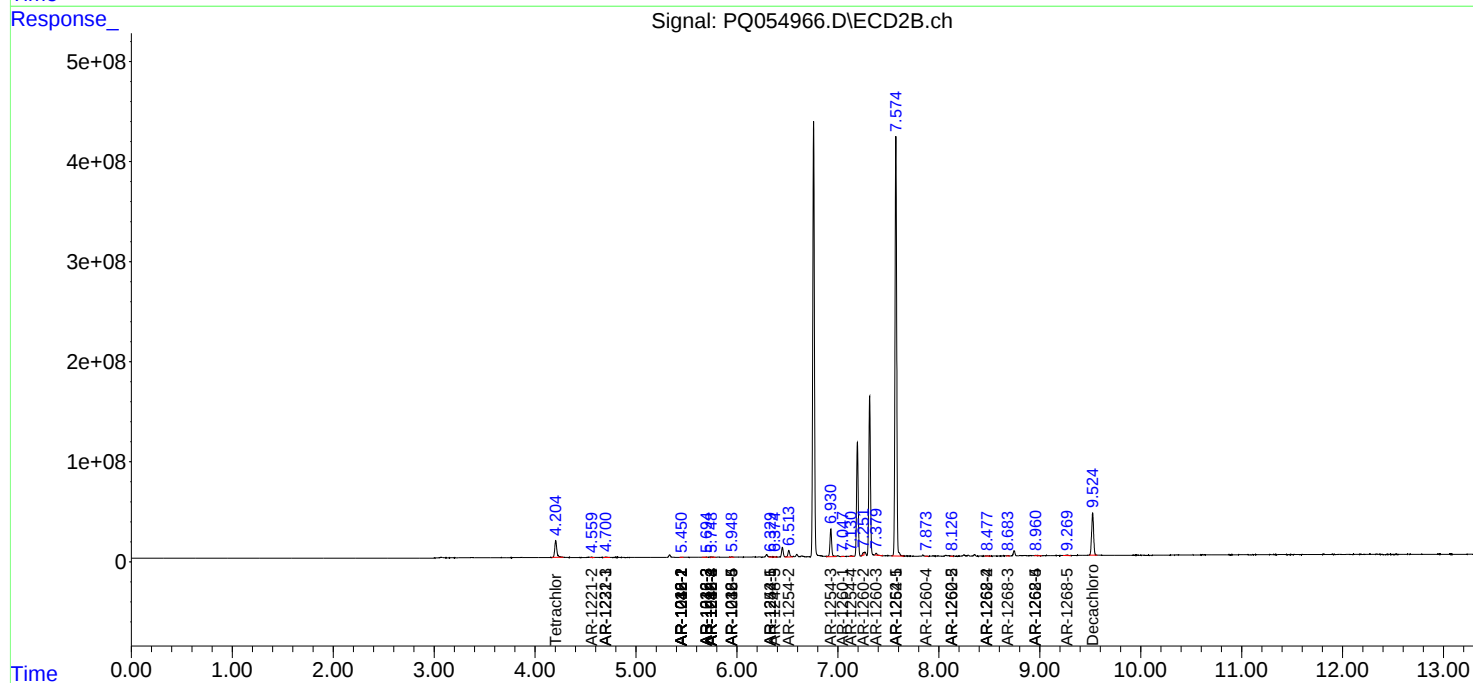
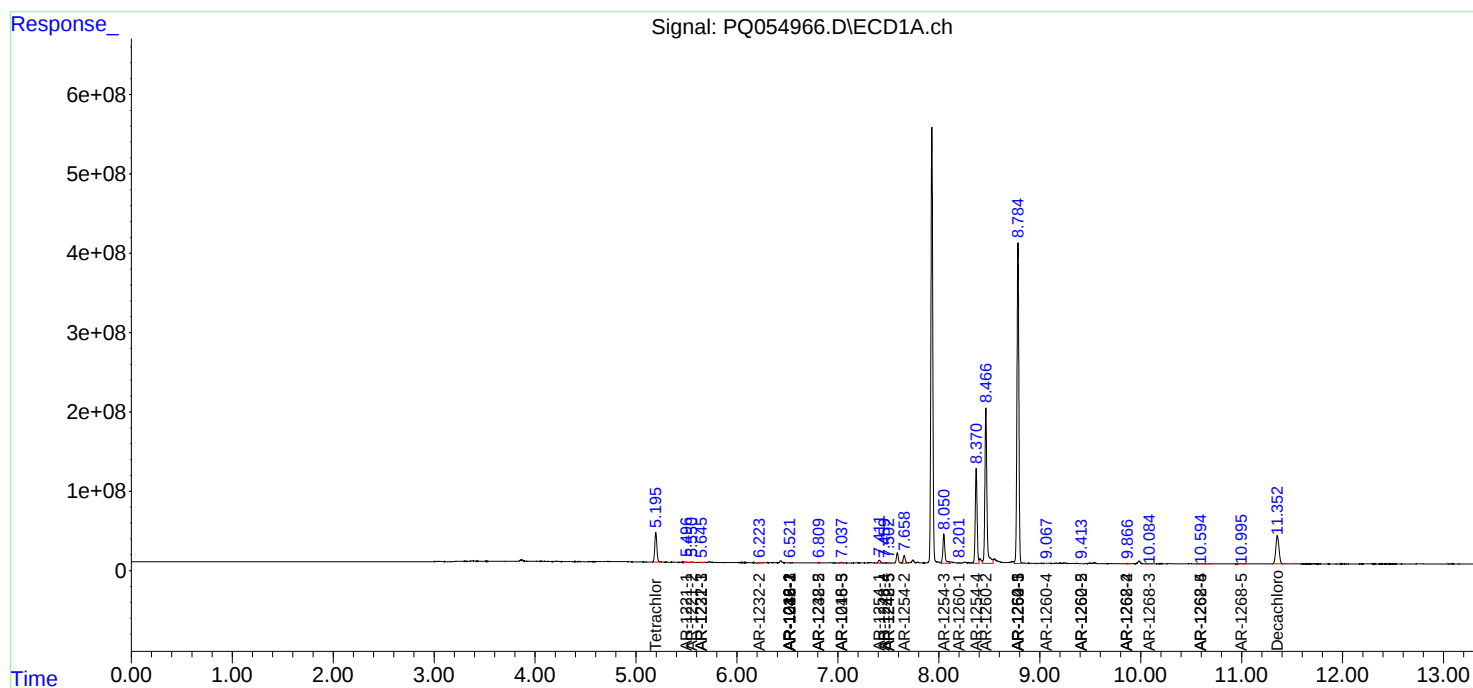
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

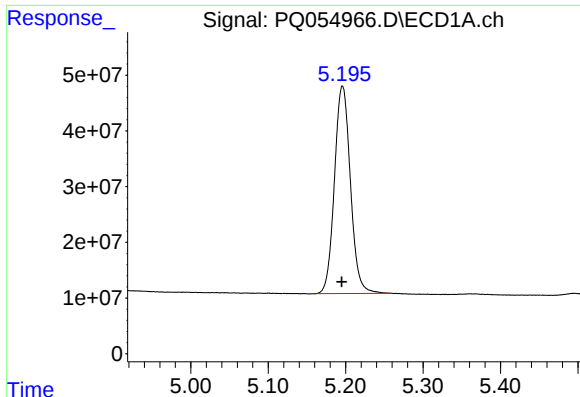
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

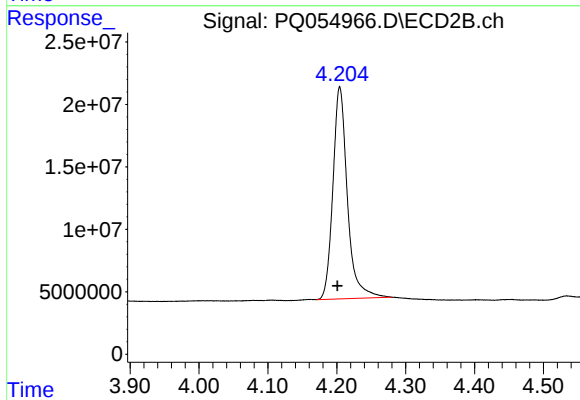




#1 Tetrachloro-m-xylene

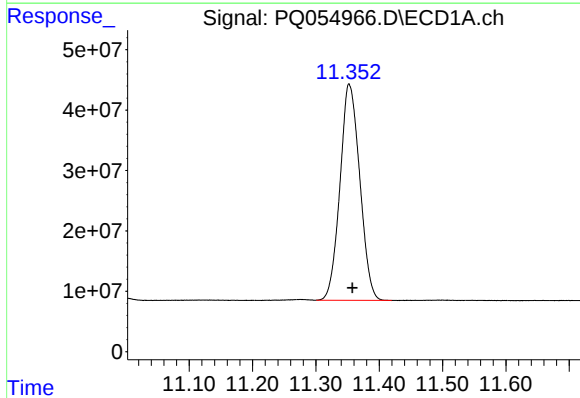
R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 534570783
Conc: 23.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



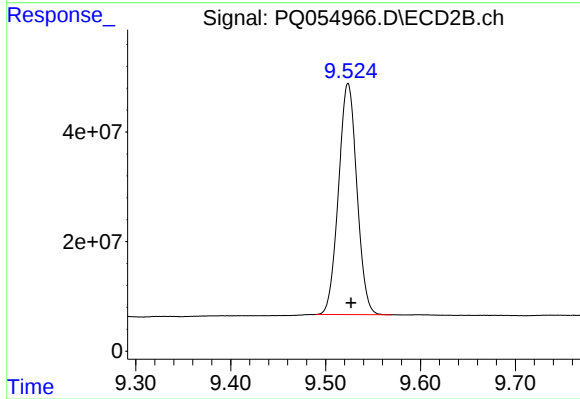
#1 Tetrachloro-m-xylene

R.T.: 4.204 min
Delta R.T.: 0.004 min
Response: 247788009
Conc: 22.62 ng/ml



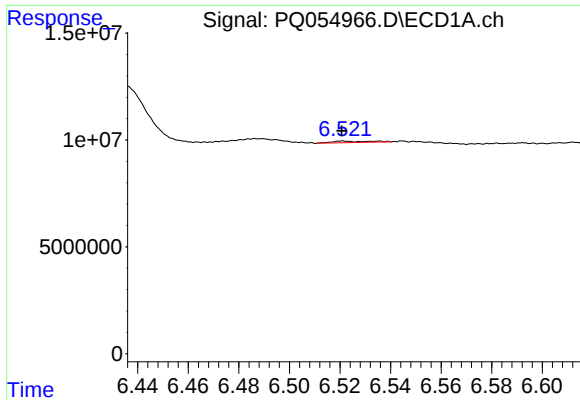
#2 Decachlorobiphenyl

R.T.: 11.352 min
Delta R.T.: -0.005 min
Response: 777064875
Conc: 43.45 ng/ml



#2 Decachlorobiphenyl

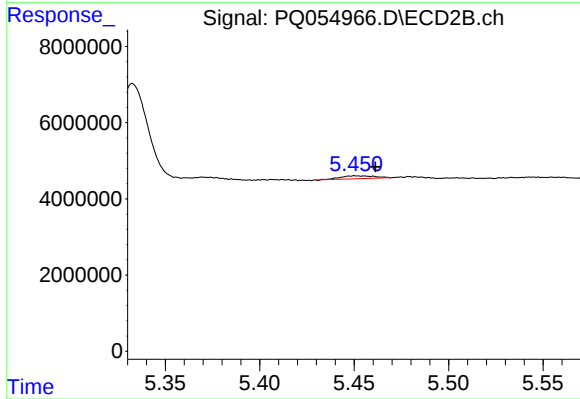
R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 567998131
Conc: 40.14 ng/ml



#3 AR-1016-1

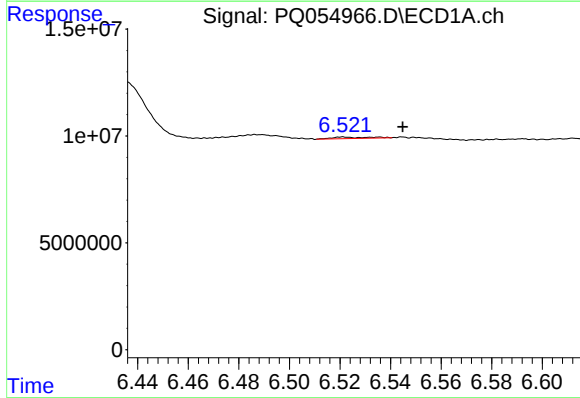
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 669884
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



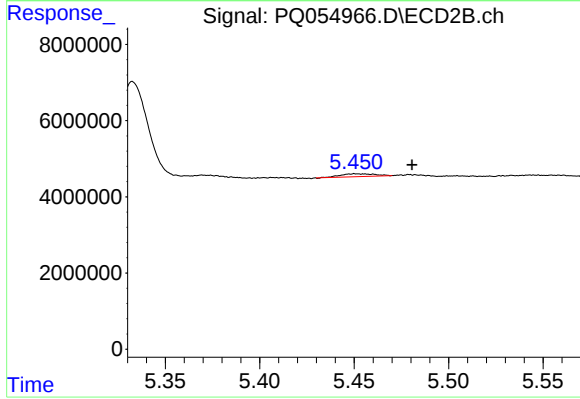
#3 AR-1016-1

R.T.: 5.450 min
Delta R.T.: -0.011 min
Response: 934476
Conc: 2.56 ng/ml



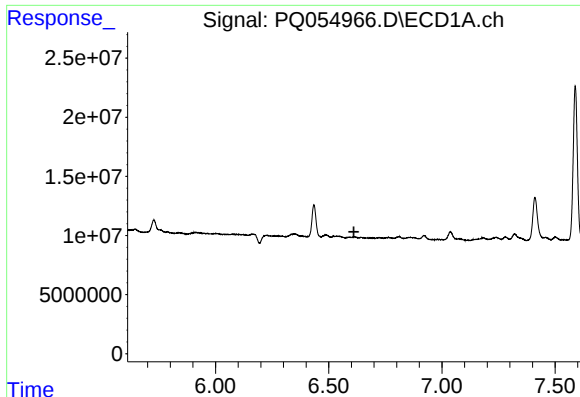
#4 AR-1016-2

R.T.: 6.521 min
Delta R.T.: -0.023 min
Response: 669884
Conc: 0.59 ng/ml



#4 AR-1016-2

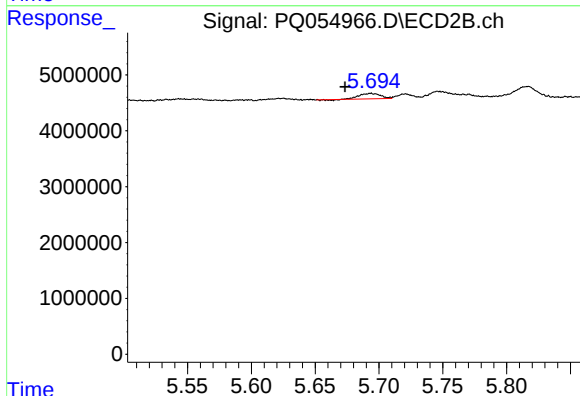
R.T.: 5.450 min
Delta R.T.: -0.030 min
Response: 934476
Conc: 1.42 ng/ml



#5 AR-1016-3

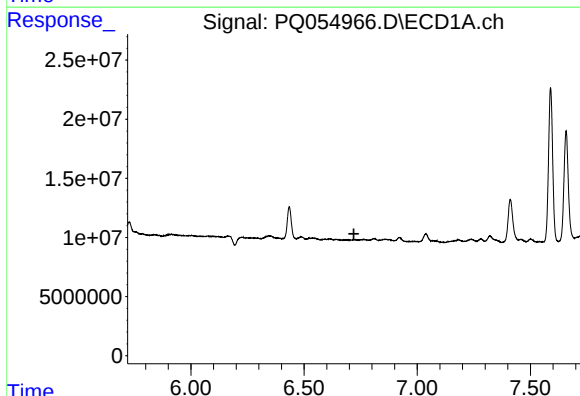
R.T.: 0.000 min
Exp R.T.: 6.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



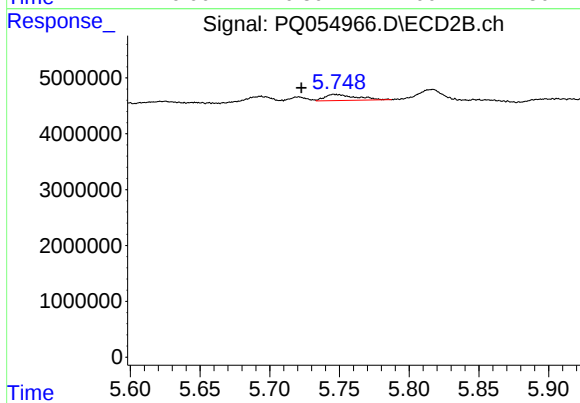
#5 AR-1016-3

R.T.: 5.694 min
Delta R.T.: 0.020 min
Response: 1098696
Conc: 3.69 ng/ml



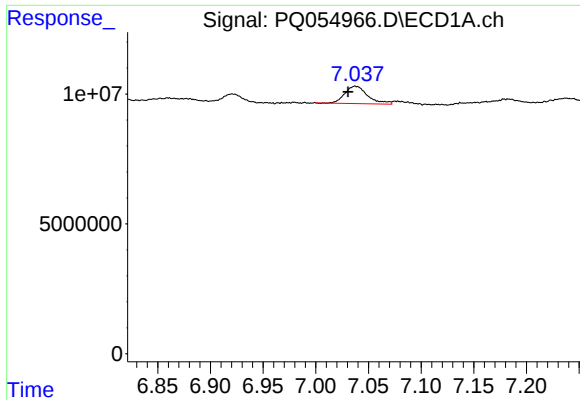
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.720 min
Response: 0
Conc: N.D.



#6 AR-1016-4

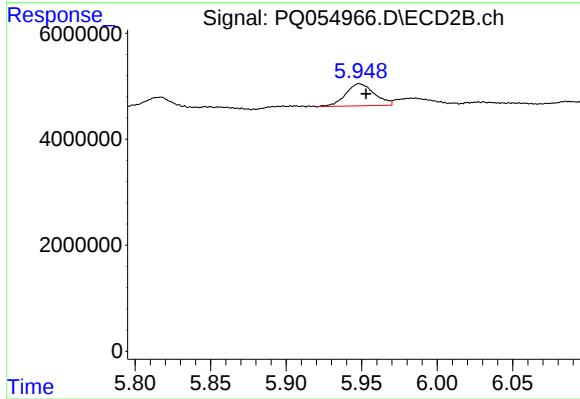
R.T.: 5.746 min
Delta R.T.: 0.023 min
Response: 1728041
Conc: 6.83 ng/ml



#7 AR-1016-5

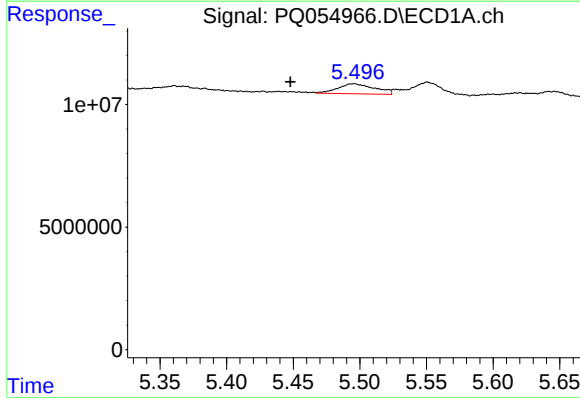
R.T.: 7.038 min
Delta R.T.: 0.007 min
Response: 10083791
Conc: 19.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



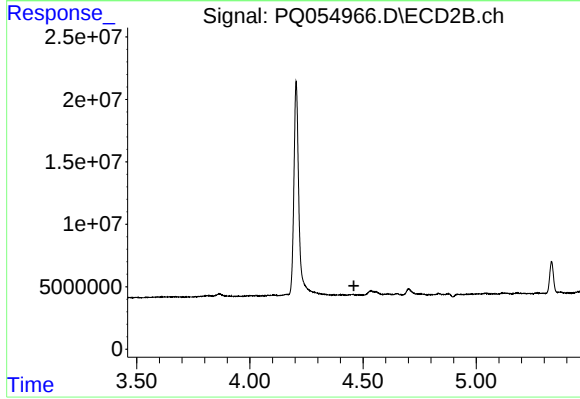
#7 AR-1016-5

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 5553009
Conc: 17.42 ng/ml



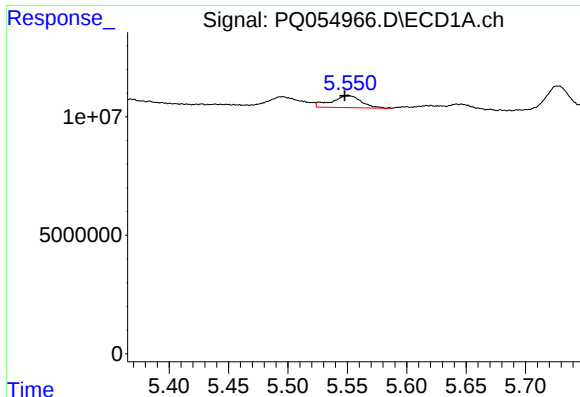
#8 AR-1221-1

R.T.: 5.495 min
Delta R.T.: 0.047 min
Response: 7868995
Conc: 30.04 ng/ml



#8 AR-1221-1

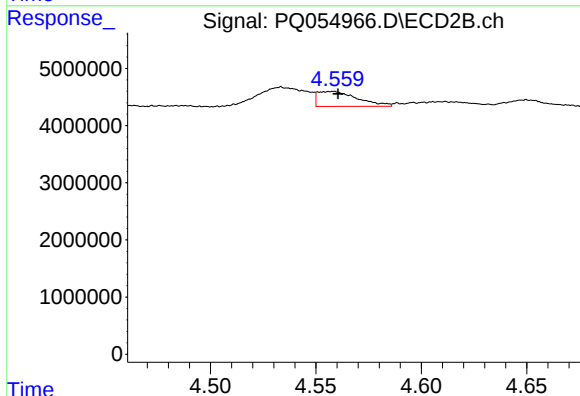
R.T.: 0.000 min
Exp R.T.: 4.460 min
Response: 0
Conc: N.D.



#9 AR-1221-2

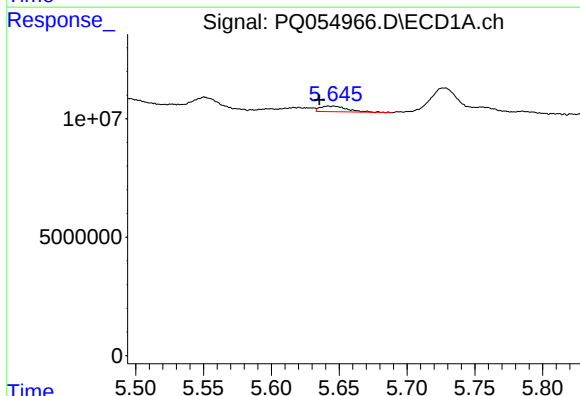
R.T.: 5.551 min
Delta R.T.: 0.003 min
Response: 8864378
Conc: 50.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



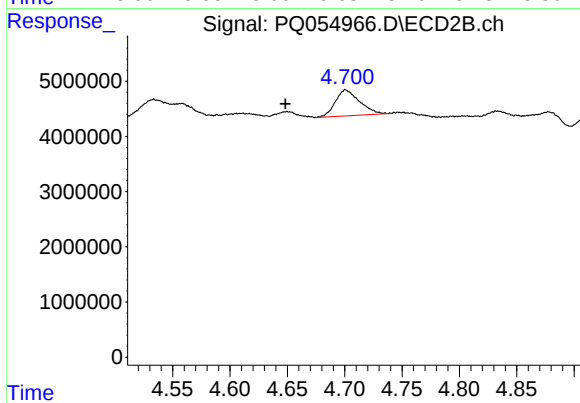
#9 AR-1221-2

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 3442660
Conc: 42.98 ng/ml



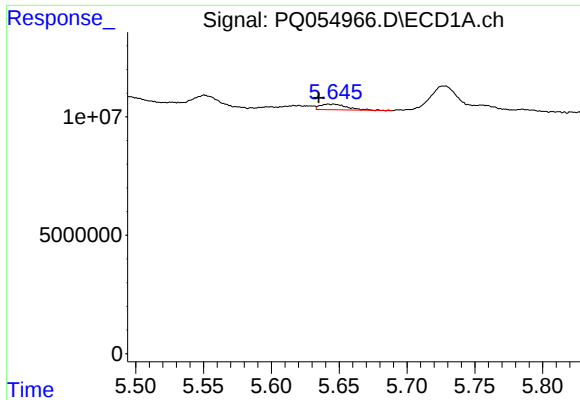
#10 AR-1221-3

R.T.: 5.642 min
Delta R.T.: 0.007 min
Response: 3296940
Conc: 5.72 ng/ml



#10 AR-1221-3

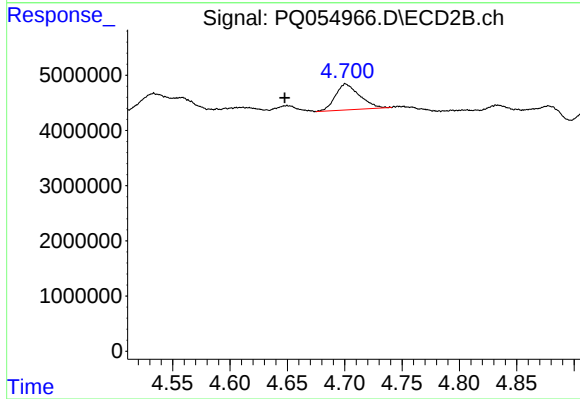
R.T.: 4.701 min
Delta R.T.: 0.052 min
Response: 6944538
Conc: 22.69 ng/ml



#11 AR-1232-1

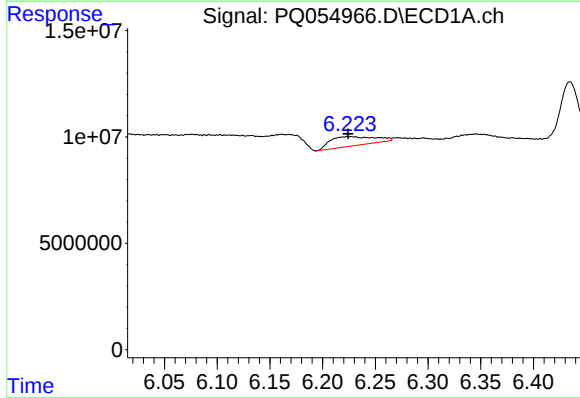
R.T.: 5.642 min
Delta R.T.: 0.008 min
Response: 3296940
Conc: 7.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



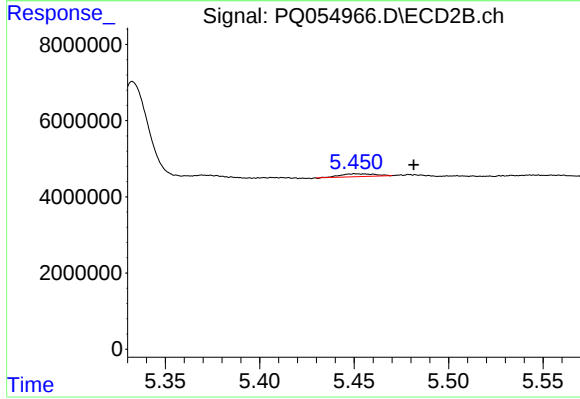
#11 AR-1232-1

R.T.: 4.701 min
Delta R.T.: 0.053 min
Response: 6944538
Conc: 28.30 ng/ml



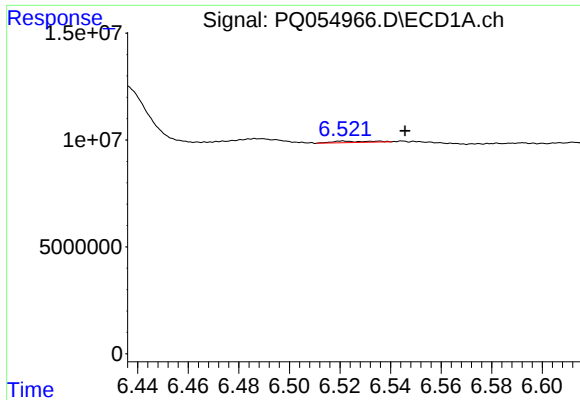
#12 AR-1232-2

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 12960221
Conc: 53.01 ng/ml



#12 AR-1232-2

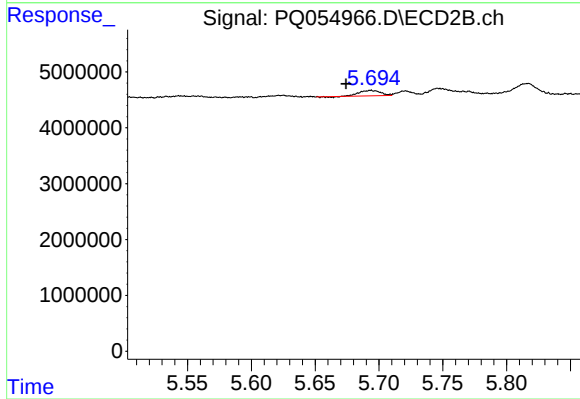
R.T.: 5.450 min
Delta R.T.: -0.031 min
Response: 934476
Conc: 3.39 ng/ml



#13 AR-1232-3

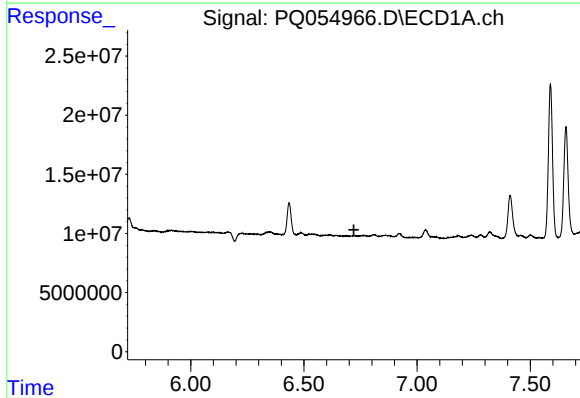
R.T.: 6.521 min
Delta R.T.: -0.024 min
Response: 669884
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



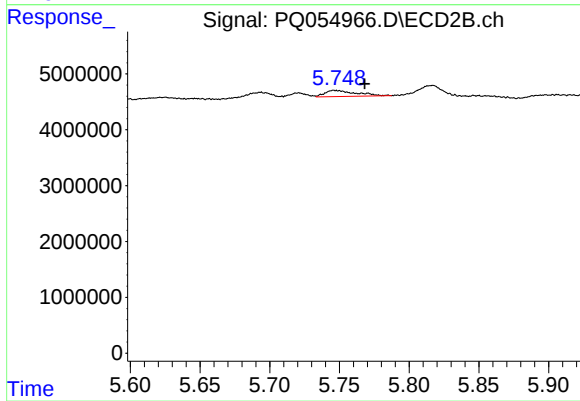
#13 AR-1232-3

R.T.: 5.694 min
Delta R.T.: 0.020 min
Response: 1098696
Conc: 8.96 ng/ml



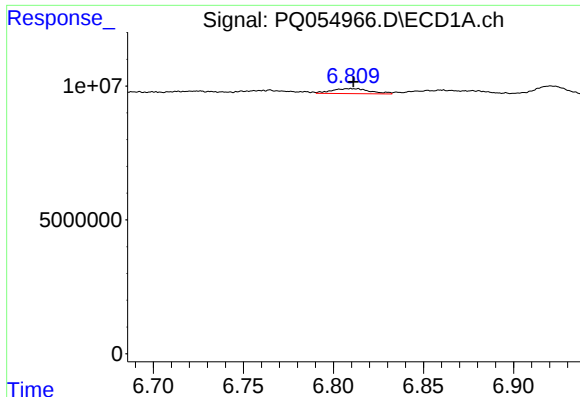
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.721 min
Response: 0
Conc: N.D.



#14 AR-1232-4

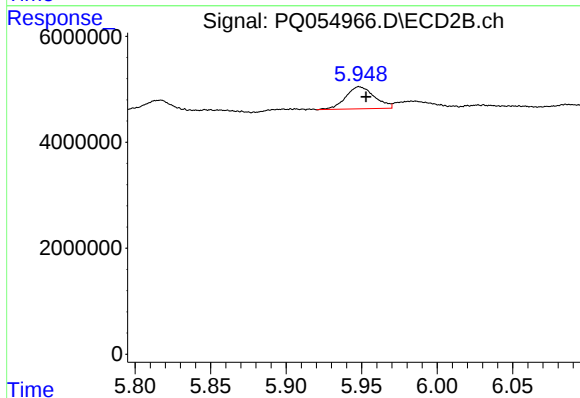
R.T.: 5.746 min
Delta R.T.: -0.022 min
Response: 1728041
Conc: 15.54 ng/ml



#15 AR-1232-5

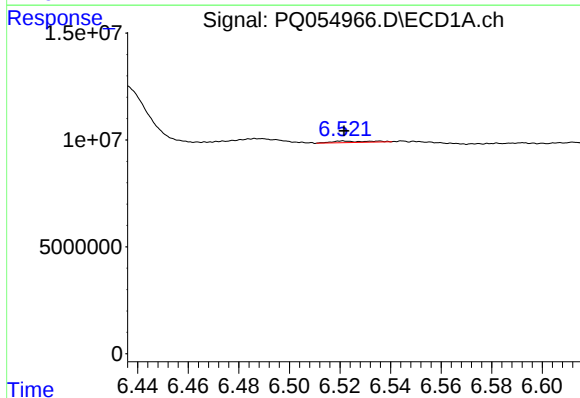
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 2724055
Conc: 16.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



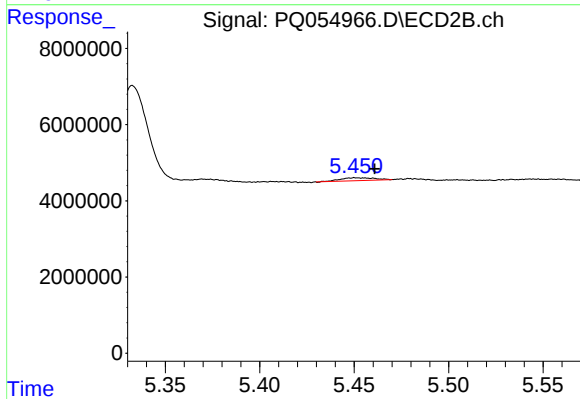
#15 AR-1232-5

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 5553009
Conc: 44.81 ng/ml



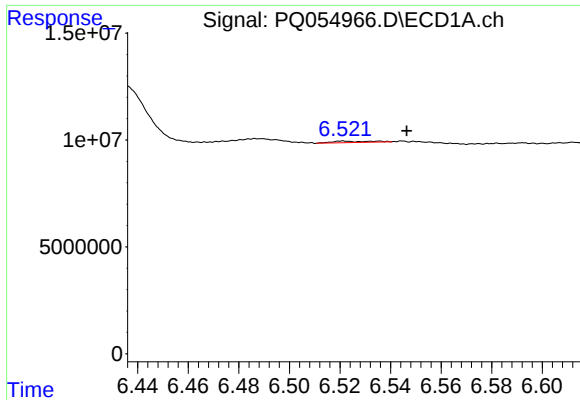
#16 AR-1242-1

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 669884
Conc: 1.14 ng/ml



#16 AR-1242-1

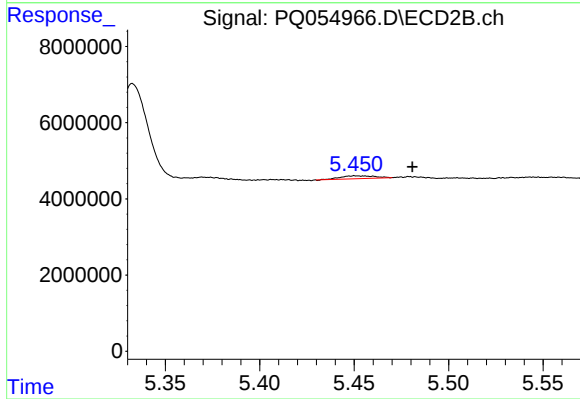
R.T.: 5.450 min
Delta R.T.: -0.011 min
Response: 934476
Conc: 3.00 ng/ml



#17 AR-1242-2

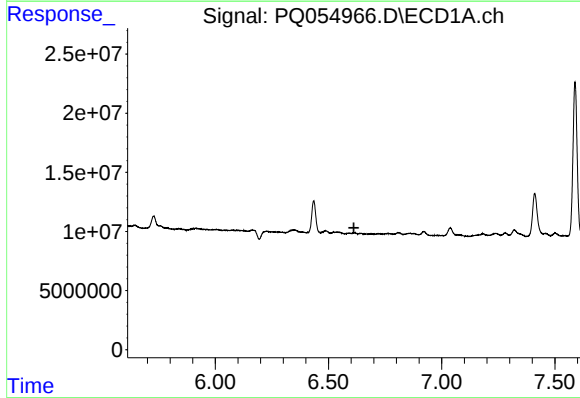
R.T.: 6.521 min
Delta R.T.: -0.025 min
Response: 669884
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



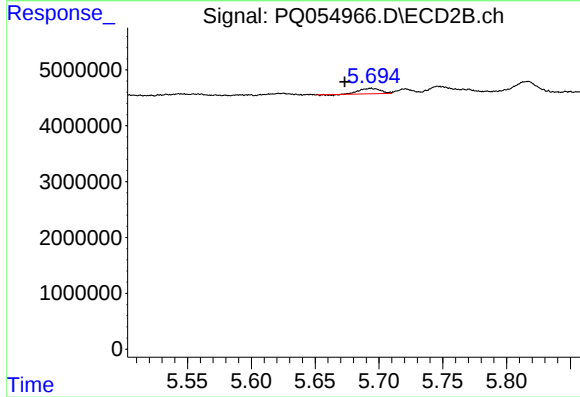
#17 AR-1242-2

R.T.: 5.450 min
Delta R.T.: -0.030 min
Response: 934476
Conc: 1.70 ng/ml



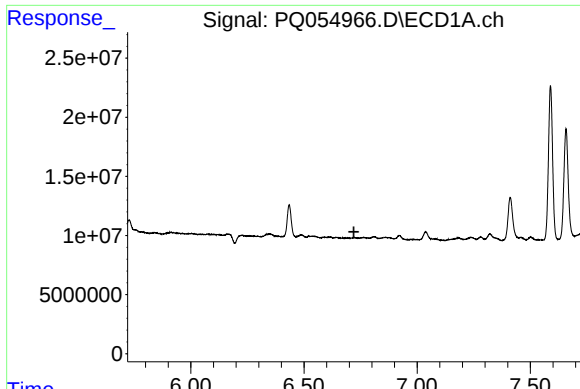
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.612 min
Response: 0
Conc: N.D.



#18 AR-1242-3

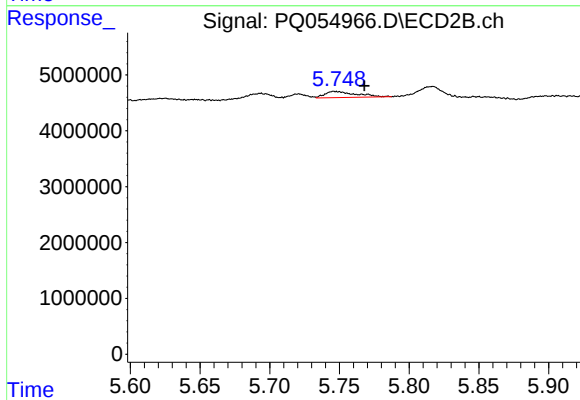
R.T.: 5.694 min
Delta R.T.: 0.021 min
Response: 1098696
Conc: 4.35 ng/ml



#19 AR-1242-4

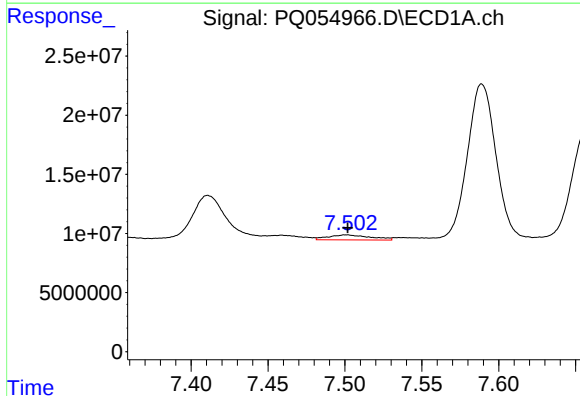
R.T.: 0.000 min
Exp R.T.: 6.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



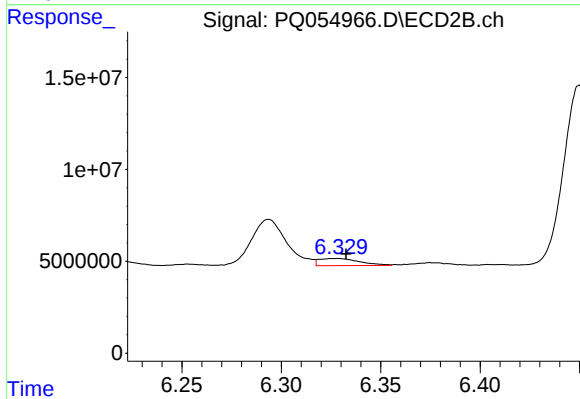
#19 AR-1242-4

R.T.: 5.746 min
Delta R.T.: -0.022 min
Response: 1728041
Conc: 6.91 ng/ml



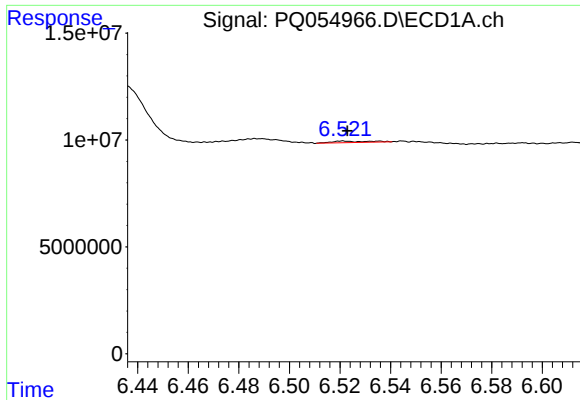
#20 AR-1242-5

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 8141333
Conc: 15.65 ng/ml



#20 AR-1242-5

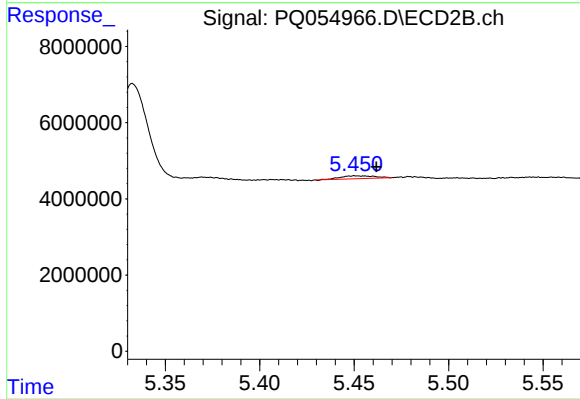
R.T.: 6.328 min
Delta R.T.: -0.005 min
Response: 5528812
Conc: 15.77 ng/ml



#21 AR-1248-1

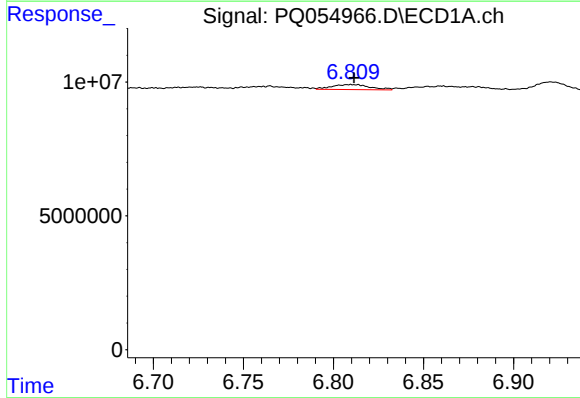
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 669884
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



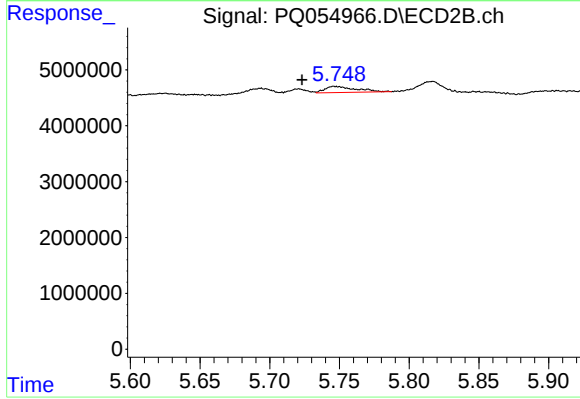
#21 AR-1248-1

R.T.: 5.450 min
Delta R.T.: -0.012 min
Response: 934476
Conc: 4.06 ng/ml



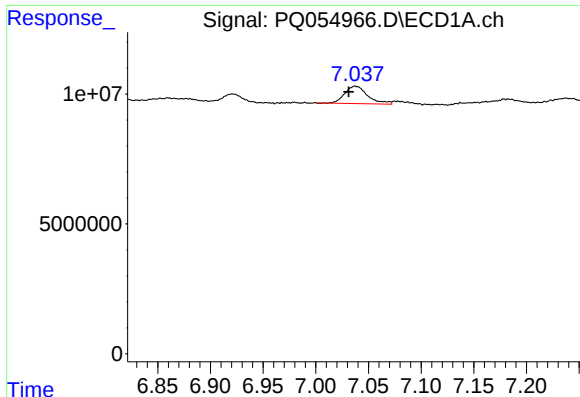
#22 AR-1248-2

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 2724055
Conc: 4.20 ng/ml



#22 AR-1248-2

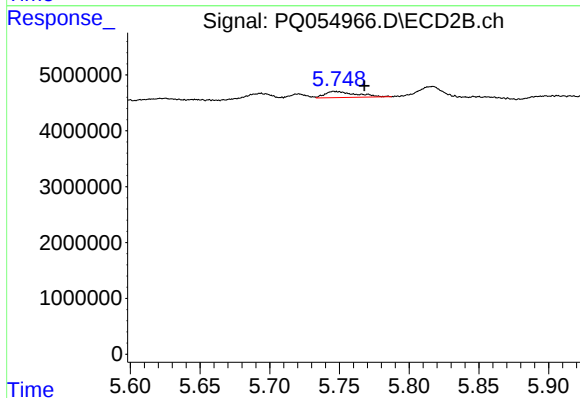
R.T.: 5.746 min
Delta R.T.: 0.023 min
Response: 1728041
Conc: 4.81 ng/ml



#23 AR-1248-3

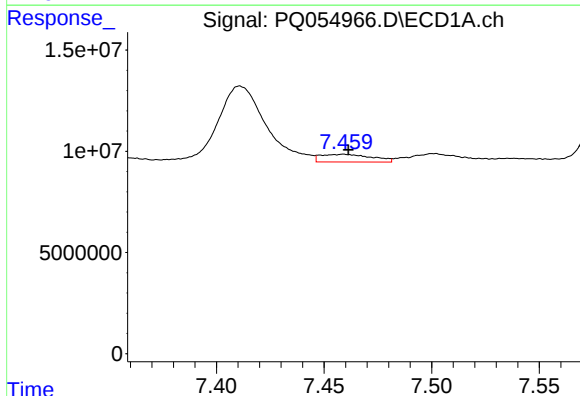
R.T.: 7.038 min
Delta R.T.: 0.006 min
Response: 10083791
Conc: 13.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



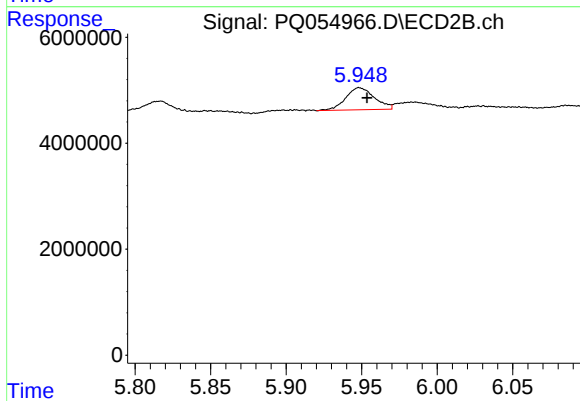
#23 AR-1248-3

R.T.: 5.746 min
Delta R.T.: -0.022 min
Response: 1728041
Conc: 4.66 ng/ml



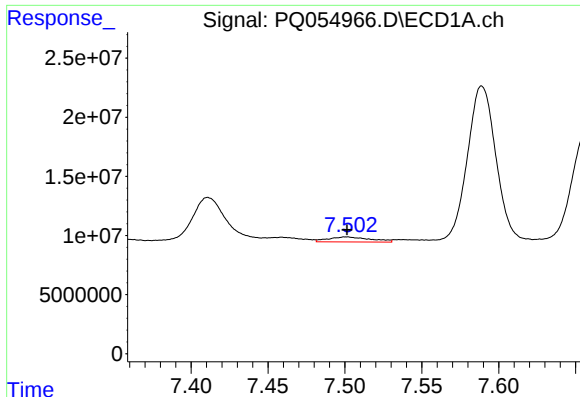
#24 AR-1248-4

R.T.: 7.459 min
Delta R.T.: -0.002 min
Response: 6306054
Conc: 7.31 ng/ml



#24 AR-1248-4

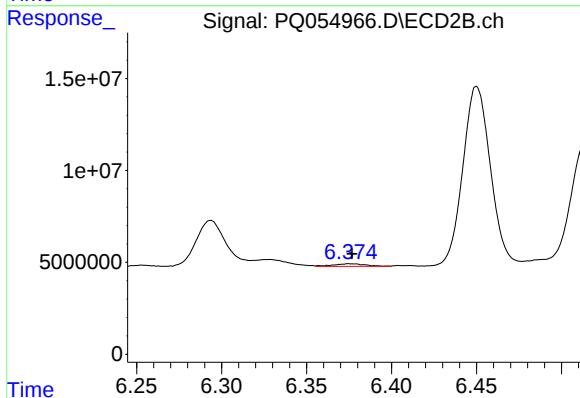
R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 5553009
Conc: 12.34 ng/ml



#25 AR-1248-5

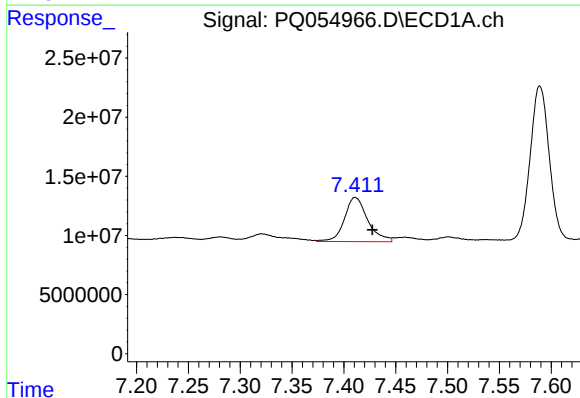
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 8141333
Conc: 9.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



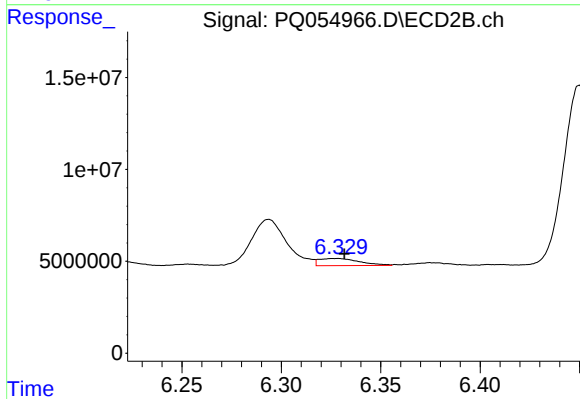
#25 AR-1248-5

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 1873075
Conc: 3.85 ng/ml



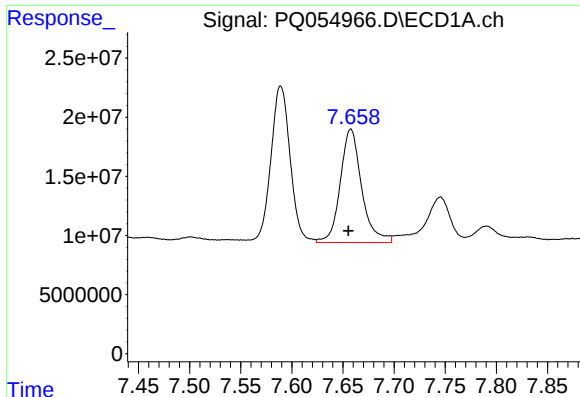
#26 AR-1254-1

R.T.: 7.411 min
Delta R.T.: -0.016 min
Response: 58308586
Conc: 70.66 ng/ml



#26 AR-1254-1

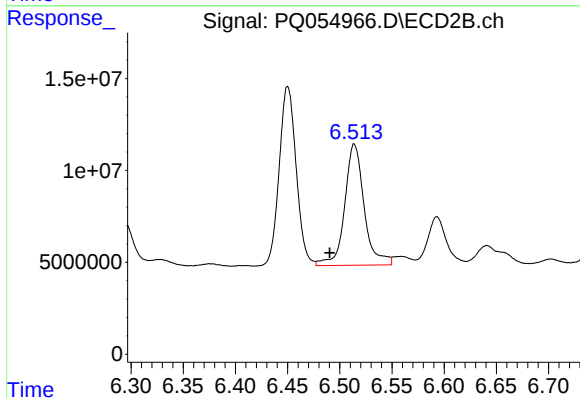
R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 5528812
Conc: 7.59 ng/ml



#27 AR-1254-2

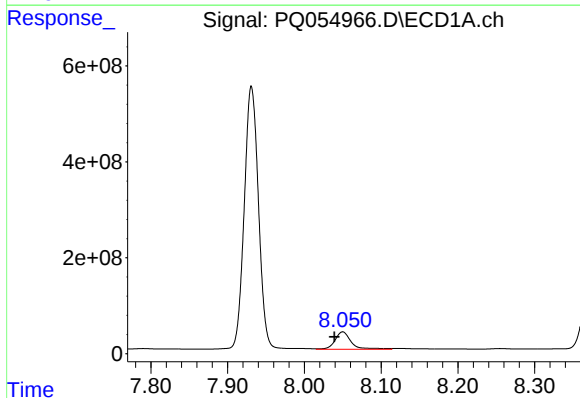
R.T.: 7.658 min
Delta R.T.: 0.002 min
Response: 140047690
Conc: 108.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



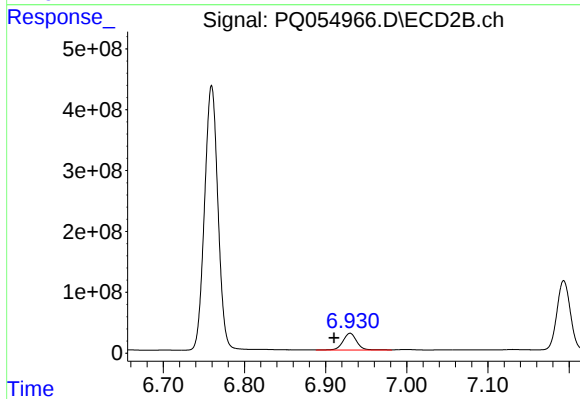
#27 AR-1254-2

R.T.: 6.514 min
Delta R.T.: 0.024 min
Response: 85830411
Conc: 133.28 ng/ml



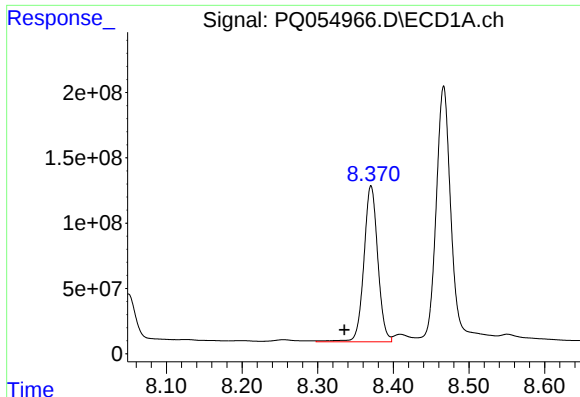
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: 0.011 min
Response: 536532689
Conc: 385.23 ng/ml



#28 AR-1254-3

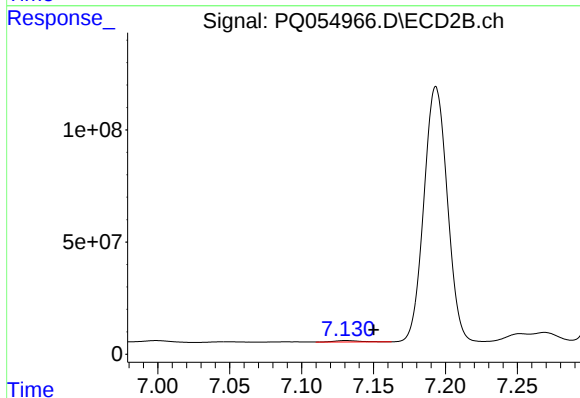
R.T.: 6.930 min
Delta R.T.: 0.020 min
Response: 330182855
Conc: 316.62 ng/ml



#29 AR-1254-4

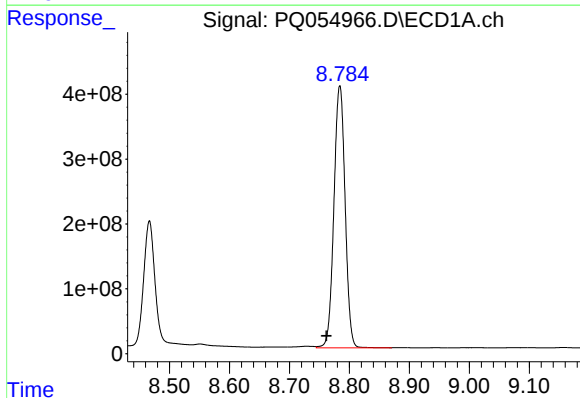
R.T.: 8.371 min
Delta R.T.: 0.035 min
Response: 1524920575
Conc: 1495.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



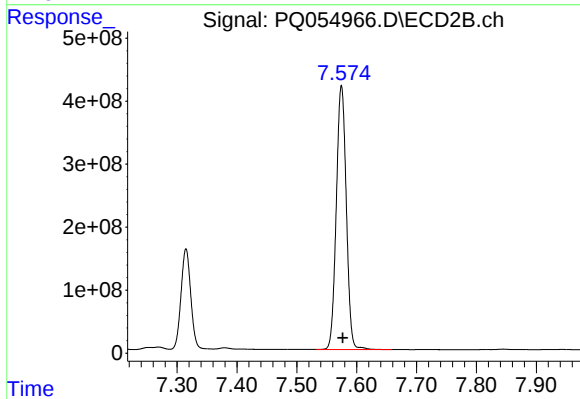
#29 AR-1254-4

R.T.: 7.131 min
Delta R.T.: -0.019 min
Response: 7529326
Conc: 10.70 ng/ml



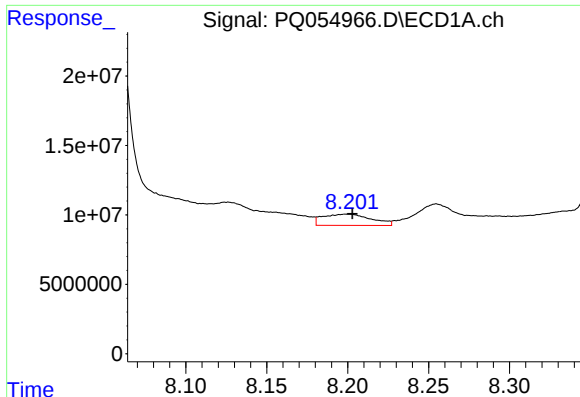
#30 AR-1254-5

R.T.: 8.784 min
Delta R.T.: 0.022 min
Response: 5257075156
Conc: 4832.99 ng/ml



#30 AR-1254-5

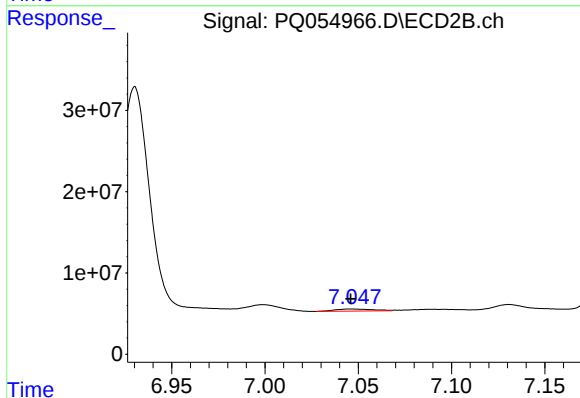
R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 4862778200
Conc: 4729.36 ng/ml



#31 AR-1260-1

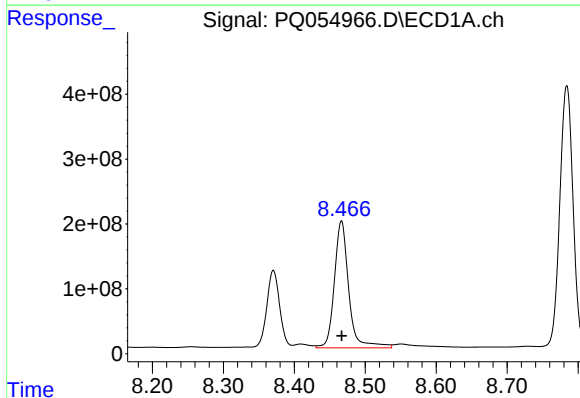
R.T.: 8.200 min
Delta R.T.: -0.003 min
Response: 17031075
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



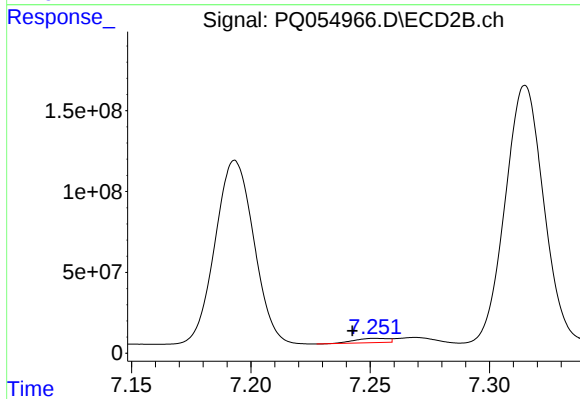
#31 AR-1260-1

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 3746279
Conc: 5.76 ng/ml



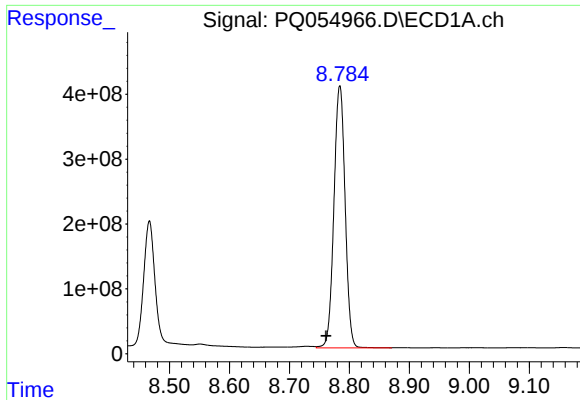
#32 AR-1260-2

R.T.: 8.467 min
Delta R.T.: 0.000 min
Response: 2751392721
Conc: 2457.54 ng/ml



#32 AR-1260-2

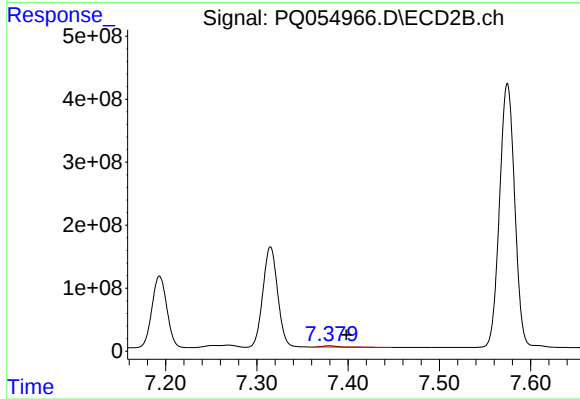
R.T.: 7.252 min
Delta R.T.: 0.010 min
Response: 25967495
Conc: 28.90 ng/ml



#33 AR-1260-3

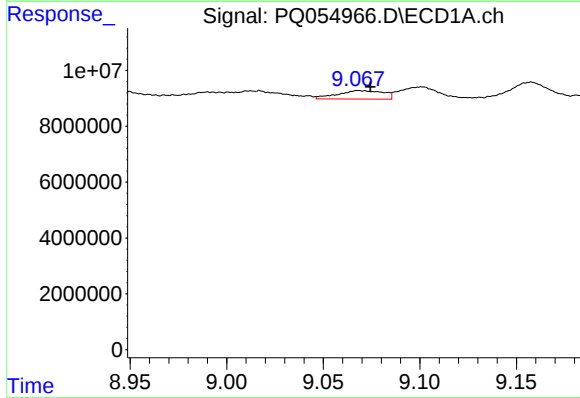
R.T.: 8.784 min
Delta R.T.: 0.023 min
Response: 5257075156
Conc: 4294.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



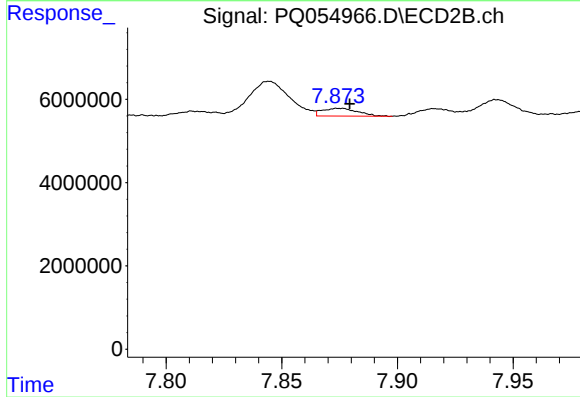
#33 AR-1260-3

R.T.: 7.379 min
Delta R.T.: -0.019 min
Response: 20992151
Conc: 25.71 ng/ml



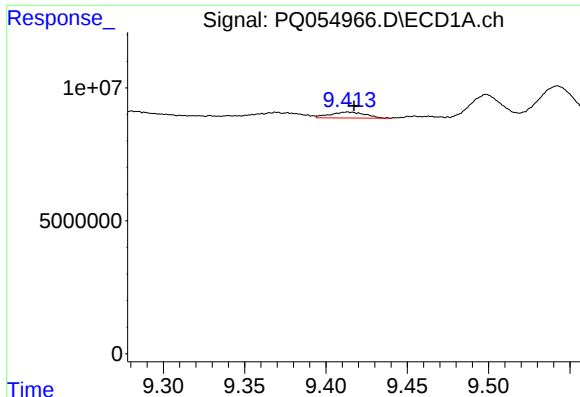
#34 AR-1260-4

R.T.: 9.069 min
Delta R.T.: -0.006 min
Response: 5048350
Conc: 5.52 ng/ml



#34 AR-1260-4

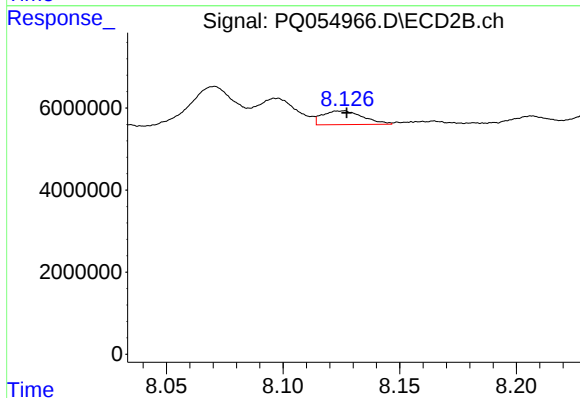
R.T.: 7.875 min
Delta R.T.: -0.004 min
Response: 2016051
Conc: 2.94 ng/ml



#35 AR-1260-5

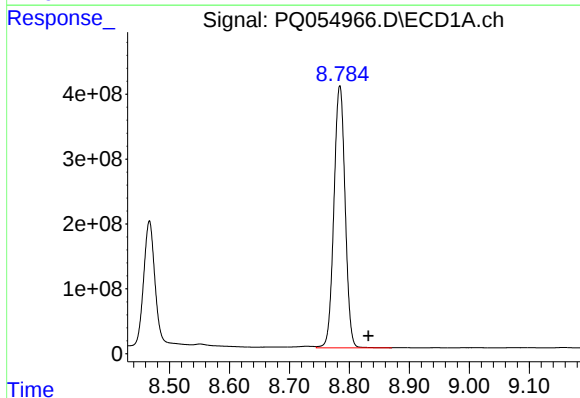
R.T.: 9.413 min
Delta R.T.: -0.004 min
Response: 3338710
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



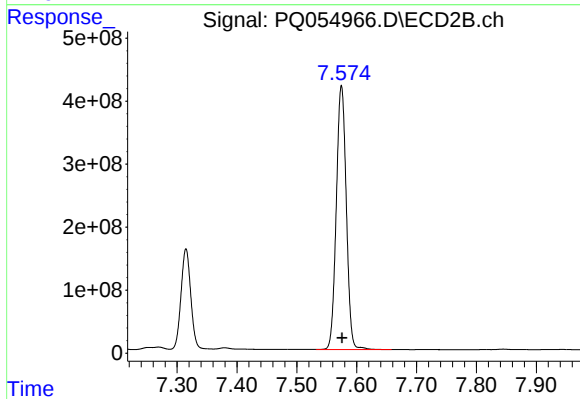
#35 AR-1260-5

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 4039292
Conc: 2.10 ng/ml



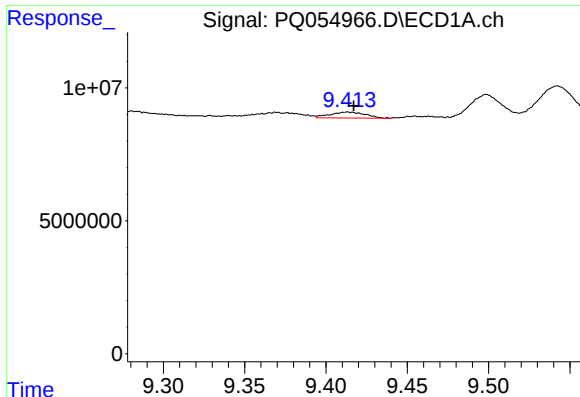
#36 AR-1262-1

R.T.: 8.784 min
Delta R.T.: -0.048 min
Response: 5257075156
Conc: 4148.20 ng/ml



#36 AR-1262-1

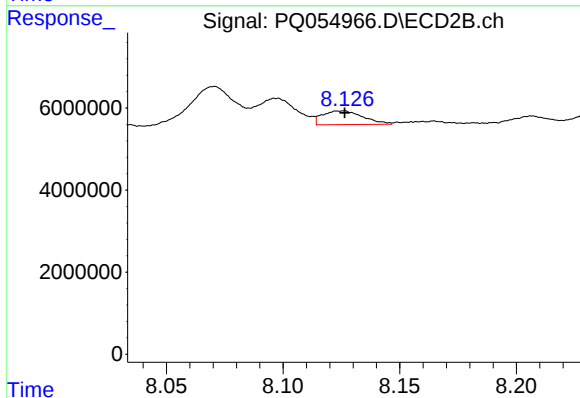
R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 4862778200
Conc: 8802.18 ng/ml



#37 AR-1262-2

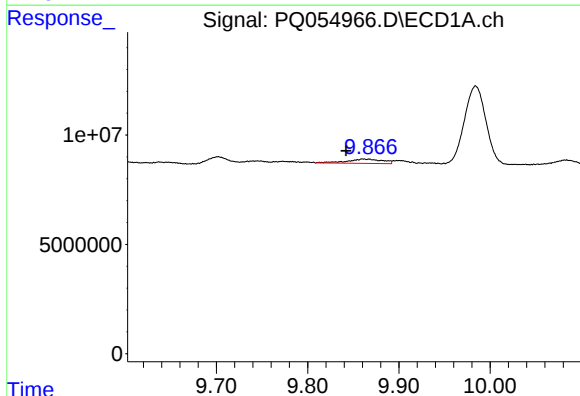
R.T.: 9.413 min
Delta R.T.: -0.004 min
Response: 3338710
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



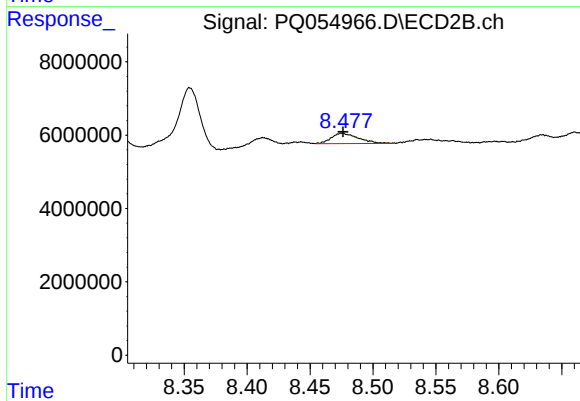
#37 AR-1262-2

R.T.: 8.125 min
Delta R.T.: -0.001 min
Response: 4039292
Conc: 1.67 ng/ml



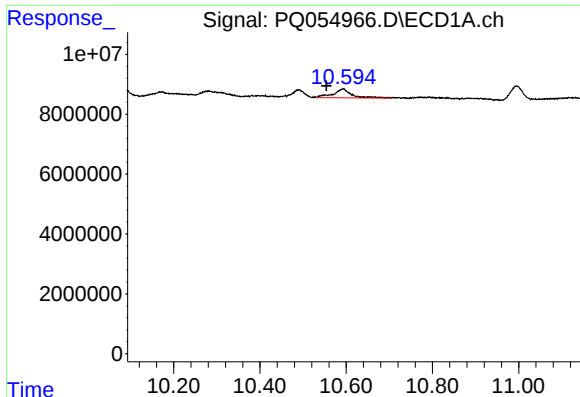
#39 AR-1262-4

R.T.: 9.861 min
Delta R.T.: 0.018 min
Response: 5317437
Conc: 8.14 ng/ml



#39 AR-1262-4

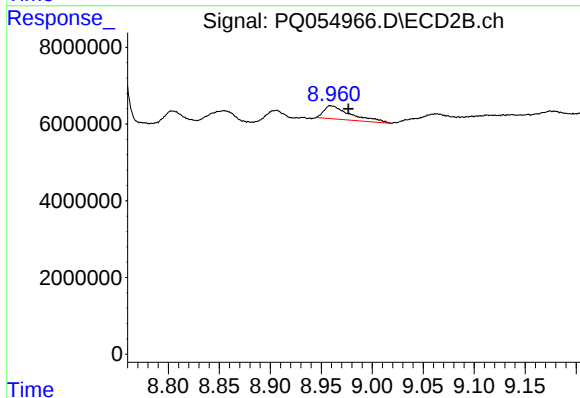
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 4189074
Conc: 2.51 ng/ml



#40 AR-1262-5

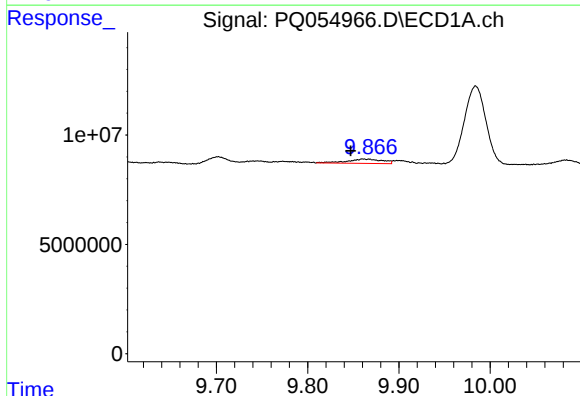
R.T.: 10.594 min
Delta R.T.: 0.039 min
Response: 8704151
Conc: 10.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



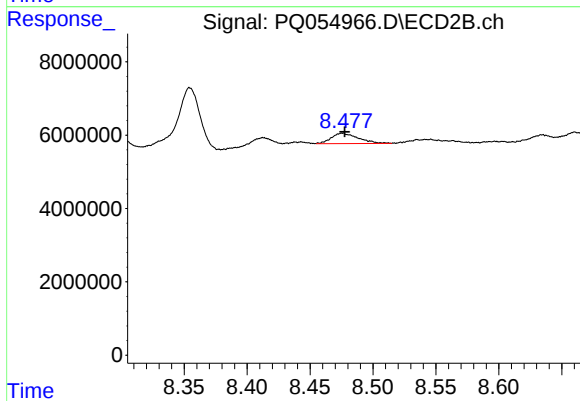
#40 AR-1262-5

R.T.: 8.960 min
Delta R.T.: -0.017 min
Response: 6335156
Conc: 8.06 ng/ml



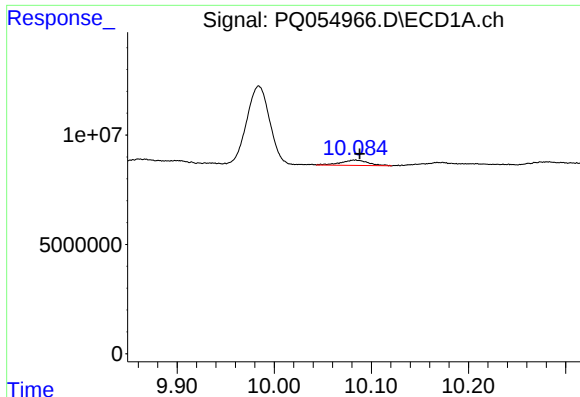
#42 AR-1268-2

R.T.: 9.861 min
Delta R.T.: 0.014 min
Response: 5317437
Conc: 2.15 ng/ml



#42 AR-1268-2

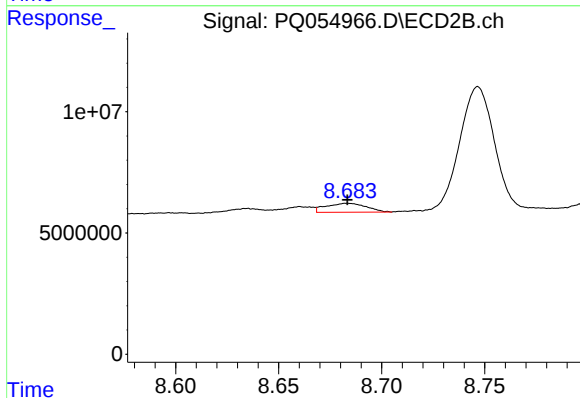
R.T.: 8.476 min
Delta R.T.: -0.002 min
Response: 4189074
Conc: 1.69 ng/ml



#43 AR-1268-3

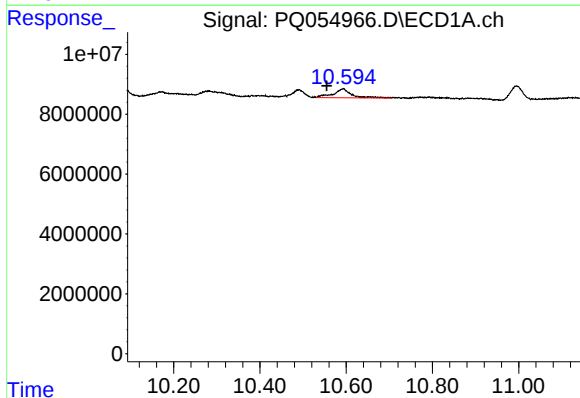
R.T.: 10.083 min
Delta R.T.: -0.005 min
Response: 4809964
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



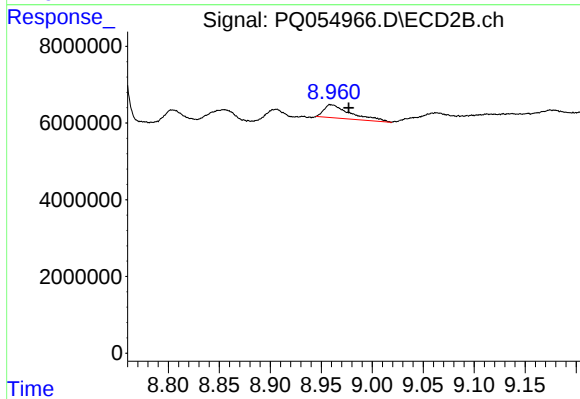
#43 AR-1268-3

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 5026845
Conc: 2.34 ng/ml



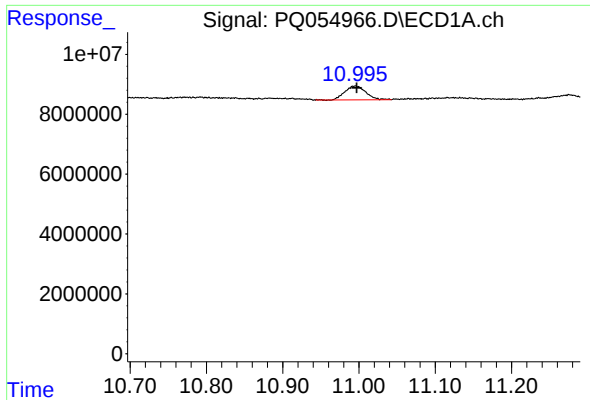
#44 AR-1268-4

R.T.: 10.594 min
Delta R.T.: 0.039 min
Response: 8704151
Conc: 9.25 ng/ml



#44 AR-1268-4

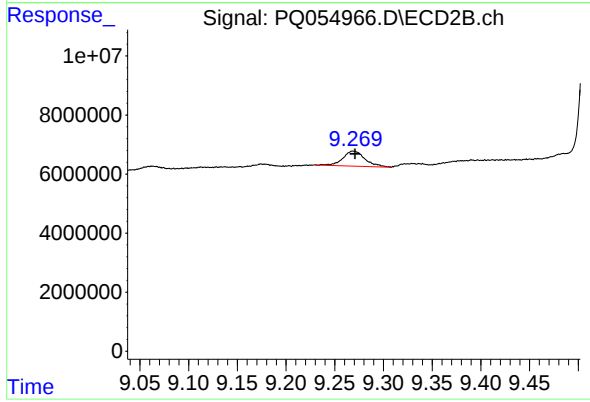
R.T.: 8.960 min
Delta R.T.: -0.017 min
Response: 6335156
Conc: 7.34 ng/ml



#45 AR-1268-5

R.T.: 10.995 min
Delta R.T.: -0.002 min
Response: 8801309
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.269 min
Delta R.T.: -0.002 min
Response: 8070549
Conc: 1.28 ng/ml