

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 21:26
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:58:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.221	4.236	577.5E6	247.0E6	20.002	19.172
2)	SA Decachlor...	11.408	9.574	626.7E6	294.1E6	20.984	20.715
Target Compounds							
3)	L1 AR-1016-1	6.547	5.495	18961211	9703449	19.148	21.320
4)	L1 AR-1016-2	6.571	5.516	32114603	15088840	20.858	22.269
5)	L1 AR-1016-3	6.639	5.709	20662130	8329126	22.562	24.062
6)	L1 AR-1016-4	6.747	5.758	16439230	8194129	22.308	28.968 #
7)	L1 AR-1016-5	7.059	5.989	21508469	10494020	29.818	29.071
8)	L2 AR-1221-1	5.465	4.490	4753835	2226440	16.294	16.646
9)	L2 AR-1221-2	5.577	4.592	22742902	3385980	107.078	33.758 #
10)	L2 AR-1221-3	5.659	4.682	25233685	5303109	36.156	16.262 #
11)	L3 AR-1232-1	5.659	4.682	25233685	5303109	48.969	22.359 #
12)	L3 AR-1232-2	6.249	5.516	37387052	15088840	134.262	59.650 #
13)	L3 AR-1232-3	6.571	5.709	32114603	8329126	54.700	65.505
14)	L3 AR-1232-4	6.747	5.803	16439230	8516239	60.228	75.925 #
15)	L3 AR-1232-5	6.838	5.989	15828363	10494020	79.590	85.387
16)	L4 AR-1242-1	6.547	5.495	18961211	9703449	27.130	30.232
17)	L4 AR-1242-2	6.571	5.516	32114603	15088840	29.643	31.938
18)	L4 AR-1242-3	6.639	5.709	20662130	8329126	31.819	34.230
19)	L4 AR-1242-4	6.747	5.803	16439230	8516239	31.400	35.940
20)	L4 AR-1242-5	7.526	6.368	17867791	9559648	30.610	29.967
21)	L5 AR-1248-1	6.547	5.495	18961211	9703449	36.435	40.140
22)	L5 AR-1248-2	6.838	5.758	15828363	8194129	20.877	23.760
23)	L5 AR-1248-3	7.059	5.803	21508469	8516239	25.046	24.279
24)	L5 AR-1248-4	7.488	5.989	10544504	10494020	10.840	24.556 #
25)	L5 AR-1248-5	7.526	6.407	17867791	4273044	18.277	10.076 #
26)	L6 AR-1254-1	7.457	6.368	32178682	9559648	33.055	14.123 #
27)	L6 AR-1254-2	7.684	6.526	21332749	10108124	14.133	16.235
28)	L6 AR-1254-3	8.068	6.965f	12700933	13094933	8.128	13.189 #
29)	L6 AR-1254-4	8.361	7.187	7980753	2020926	6.881	3.254 #
30)	L6 AR-1254-5	8.791	7.614	50988486	27055348	39.599	27.979 #
31)	L7 AR-1260-1	8.233	7.083	36190225	21376329	26.572	26.499
32)	L7 AR-1260-2	8.496	7.280	43676267	26215720	25.417	23.093
33)	L7 AR-1260-3	8.863	7.435	29826492	22305136	24.748	23.381
34)	L7 AR-1260-4	9.107	7.918	31730046	17868767	24.913	24.592
35)	L7 AR-1260-5	9.451	8.165	66696187	41863561	24.265	21.855
36)	L8 AR-1262-1	8.863	7.614	29826492	27055348	17.225	56.446 #
37)	L8 AR-1262-2	9.451	8.165	66696187	41863561	22.014	20.441
38)	L8 AR-1262-3	9.784	8.451	15216679	18026424	7.405	21.402 #
39)	L8 AR-1262-4	9.870f	8.515	26324680	35015343	15.422	24.674 #
40)	L8 AR-1262-5	10.599	9.017	21907905	24678957	19.247	40.028 #
41)	L9 AR-1268-1	9.784	8.451	15216679	18026424	4.328	7.780 #

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 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 26 Sample Multiplier: 1

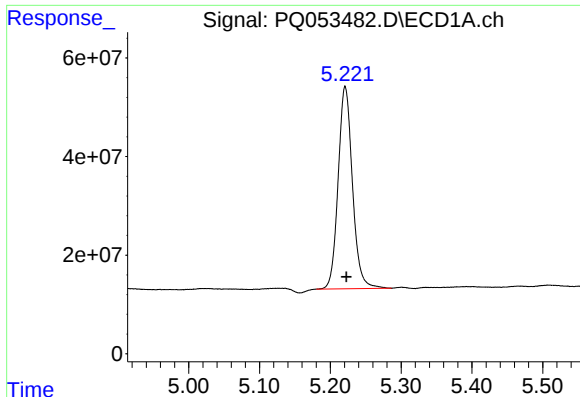
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:58:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.870f	8.515	26324680	35015343	7.884	18.004 #
43) L9	AR-1268-3	10.125	8.725	3923081	5789175	1.338	3.395 #
44) L9	AR-1268-4	10.599	9.017	21907905	24678957	19.008	38.539 #
45) L9	AR-1268-5	11.045	9.315	18785199	21513713	2.010	4.443 #

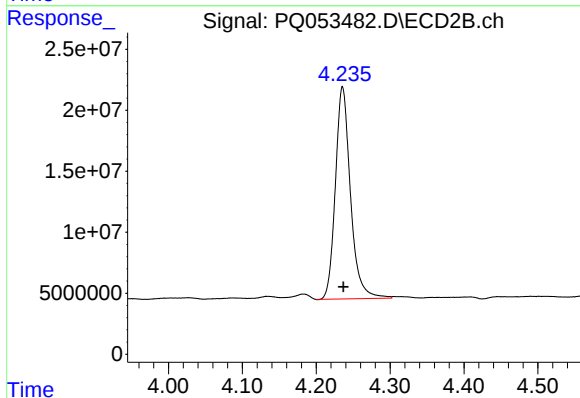
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

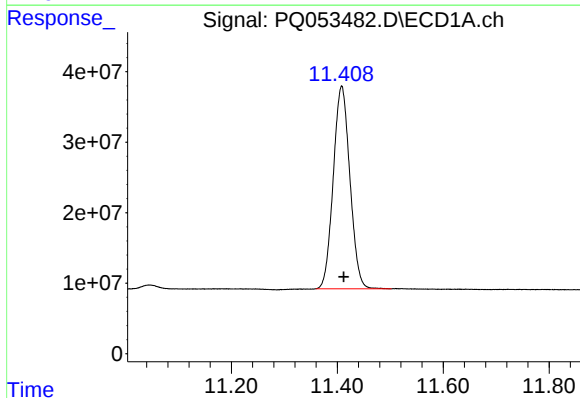
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 577463514
Conc: 20.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



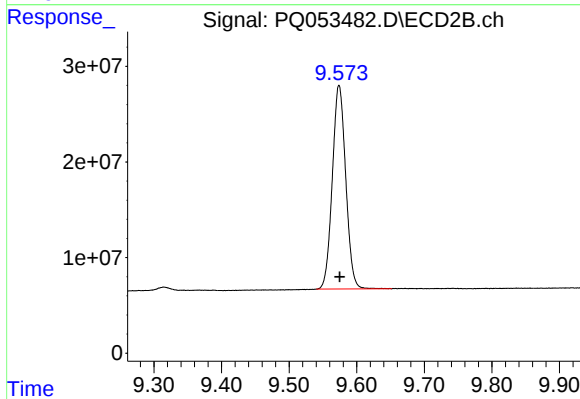
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: -0.001 min
Response: 247030607
Conc: 19.17 ng/ml



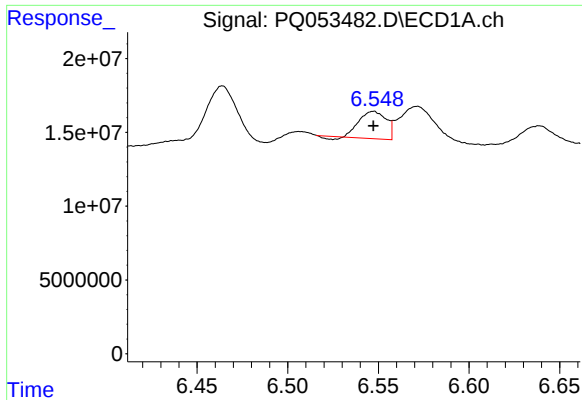
#2 Decachlorobiphenyl

R.T.: 11.408 min
Delta R.T.: -0.004 min
Response: 626713179
Conc: 20.98 ng/ml



#2 Decachlorobiphenyl

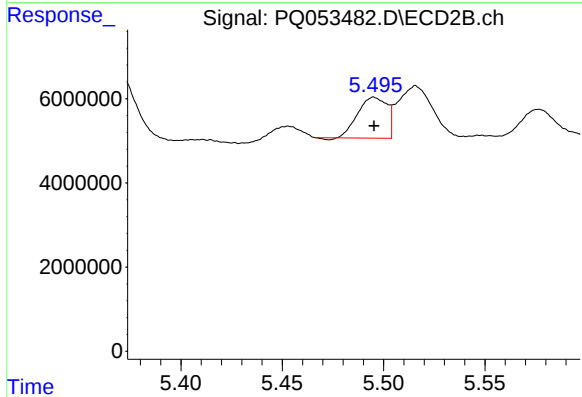
R.T.: 9.574 min
Delta R.T.: -0.001 min
Response: 294114143
Conc: 20.72 ng/ml



#3 AR-1016-1

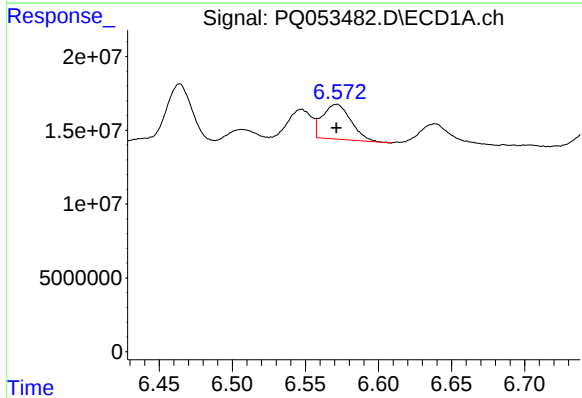
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 18961211
Conc: 19.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



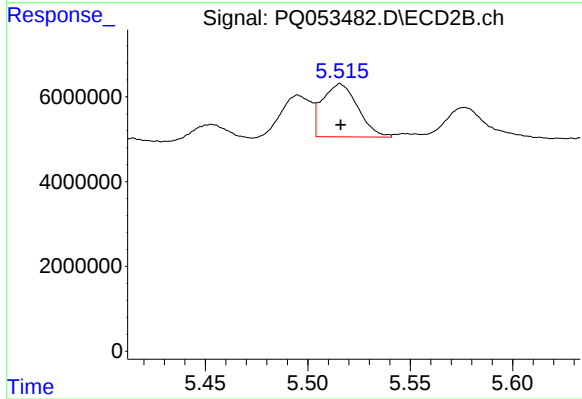
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 9703449
Conc: 21.32 ng/ml



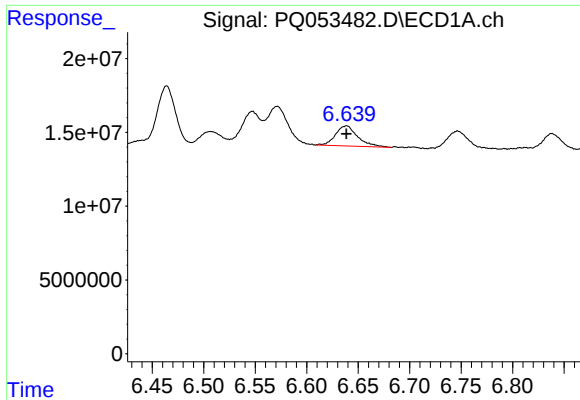
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 32114603
Conc: 20.86 ng/ml



#4 AR-1016-2

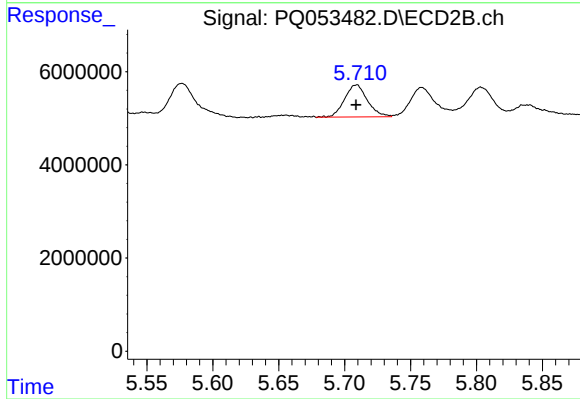
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 15088840
Conc: 22.27 ng/ml



#5 AR-1016-3

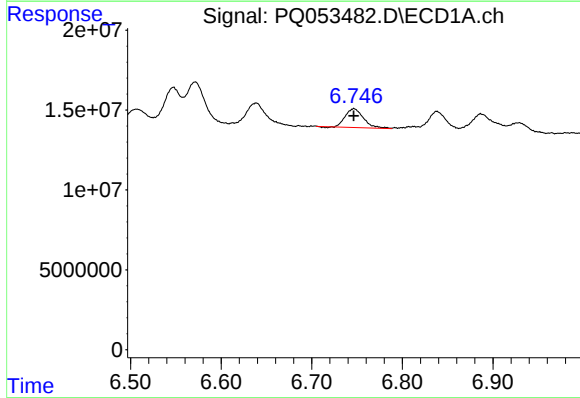
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 20662130
Conc: 22.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



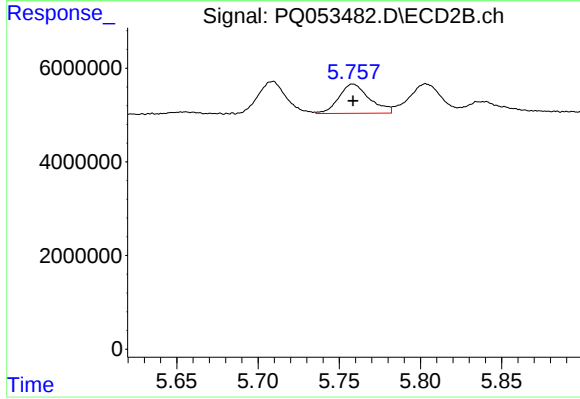
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 8329126
Conc: 24.06 ng/ml



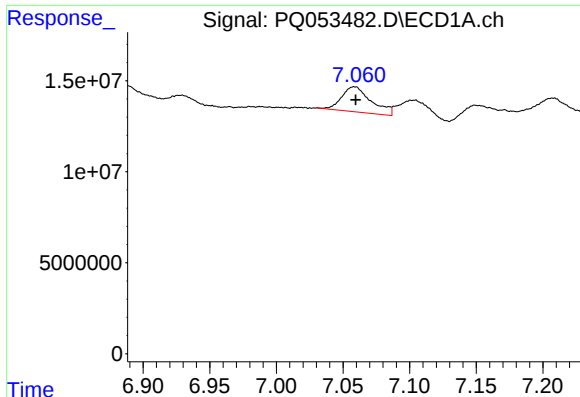
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 16439230
Conc: 22.31 ng/ml



#6 AR-1016-4

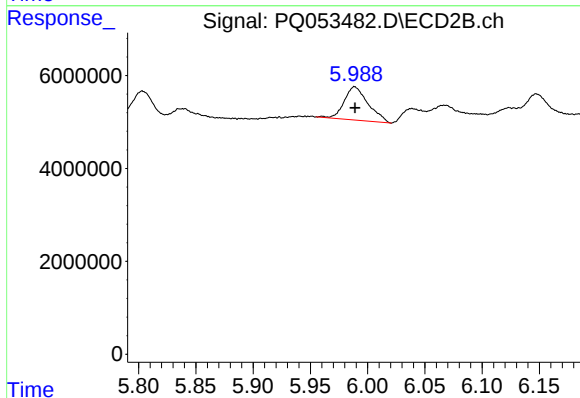
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 8194129
Conc: 28.97 ng/ml



#7 AR-1016-5

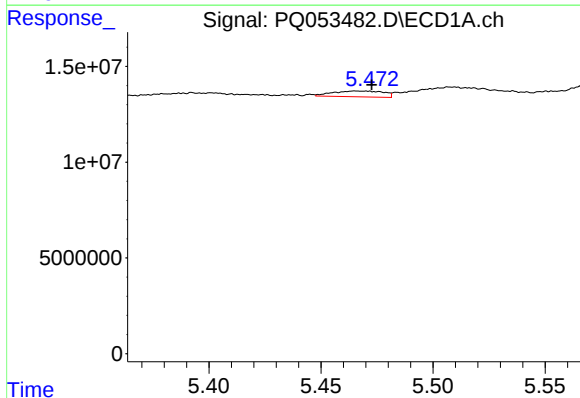
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 21508469
Conc: 29.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



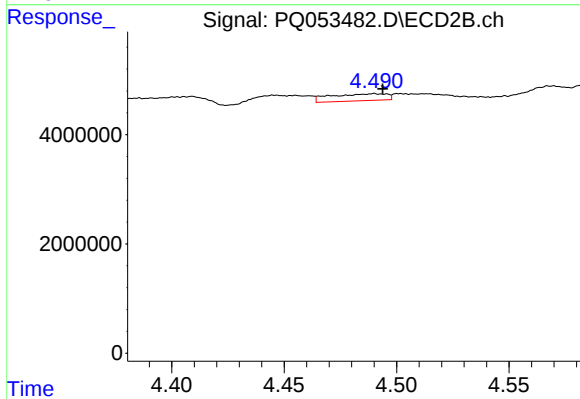
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 10494020
Conc: 29.07 ng/ml



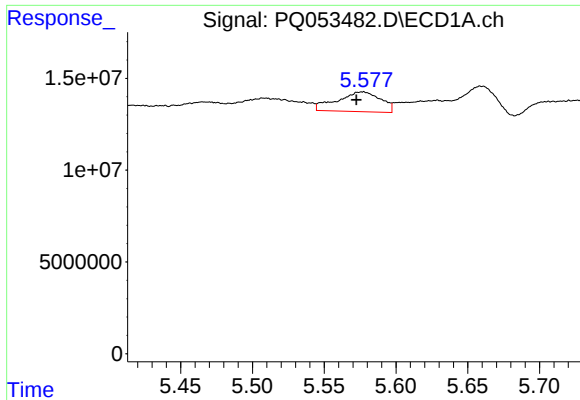
#8 AR-1221-1

R.T.: 5.465 min
Delta R.T.: -0.007 min
Response: 4753835
Conc: 16.29 ng/ml



#8 AR-1221-1

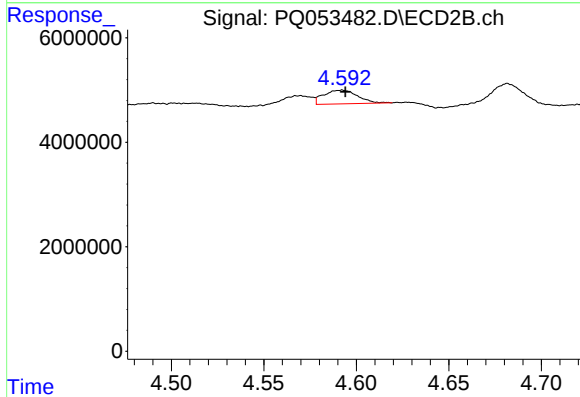
R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 2226440
Conc: 16.65 ng/ml



#9 AR-1221-2

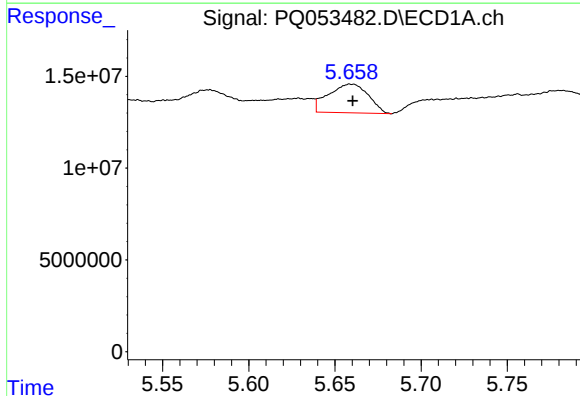
R.T.: 5.577 min
Delta R.T.: 0.005 min
Response: 22742902
Conc: 107.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



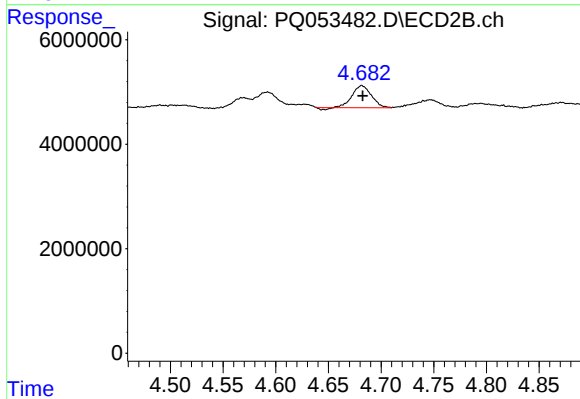
#9 AR-1221-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 3385980
Conc: 33.76 ng/ml



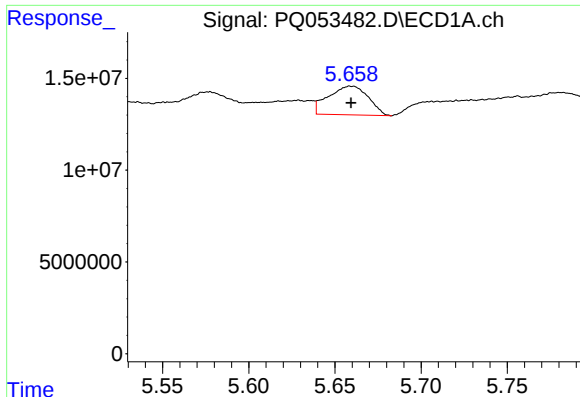
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 25233685
Conc: 36.16 ng/ml



#10 AR-1221-3

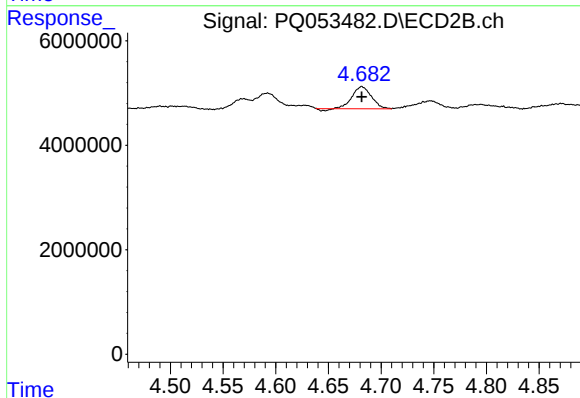
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 5303109
Conc: 16.26 ng/ml



#11 AR-1232-1

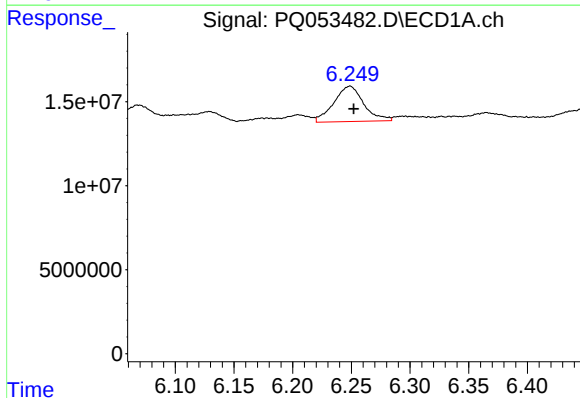
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 25233685
Conc: 48.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



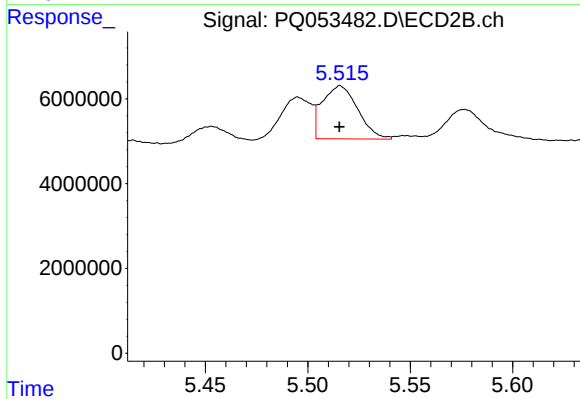
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 5303109
Conc: 22.36 ng/ml



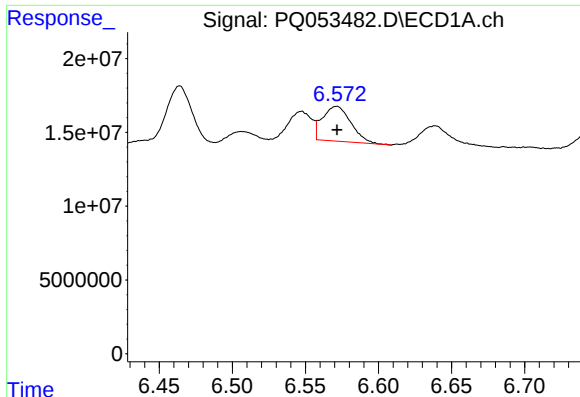
#12 AR-1232-2

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 37387052
Conc: 134.26 ng/ml



#12 AR-1232-2

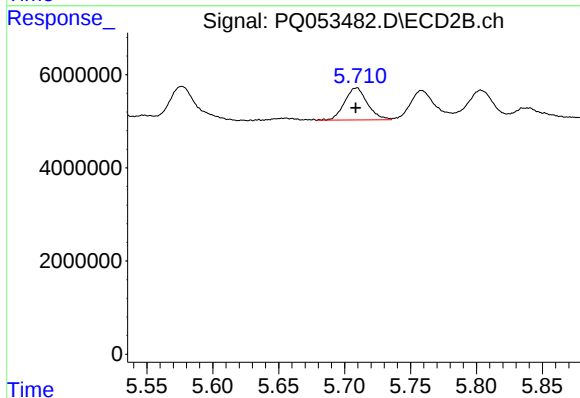
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 15088840
Conc: 59.65 ng/ml



#13 AR-1232-3

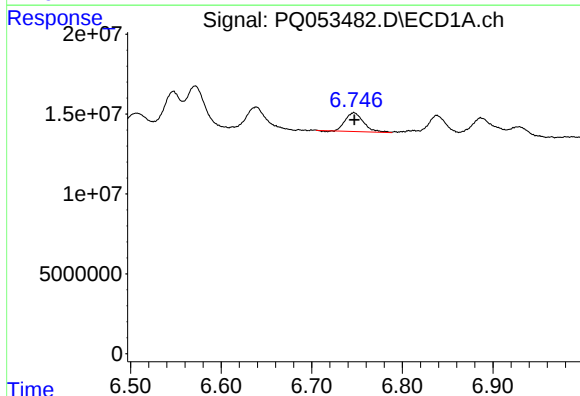
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 32114603
Conc: 54.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



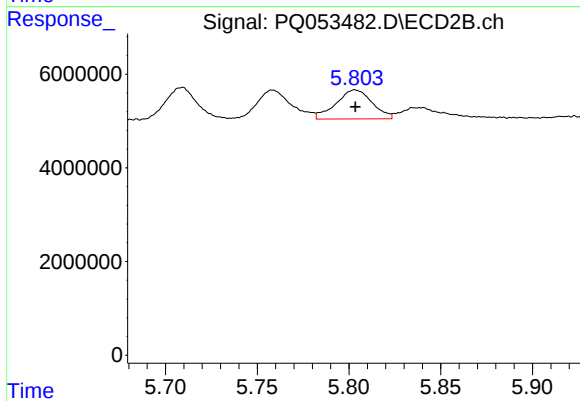
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 8329126
Conc: 65.51 ng/ml



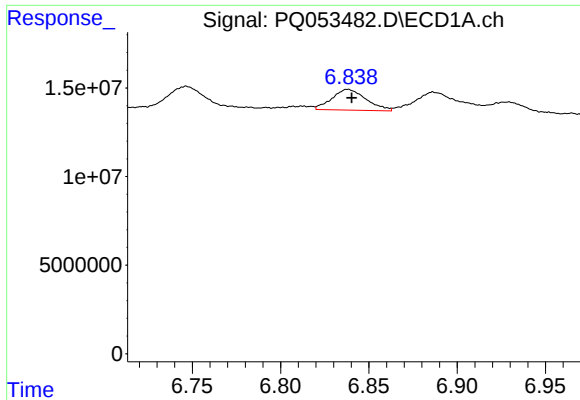
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 16439230
Conc: 60.23 ng/ml



#14 AR-1232-4

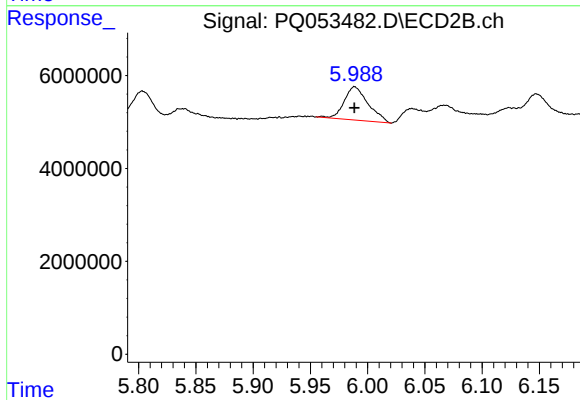
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 8516239
Conc: 75.93 ng/ml



#15 AR-1232-5

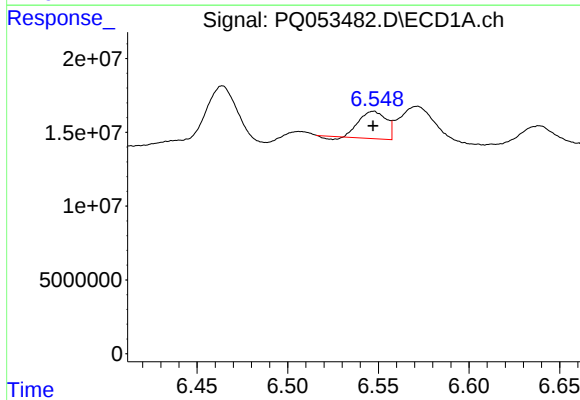
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 15828363
Conc: 79.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



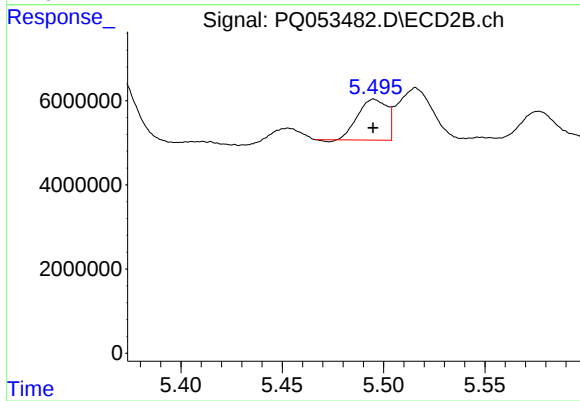
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 10494020
Conc: 85.39 ng/ml



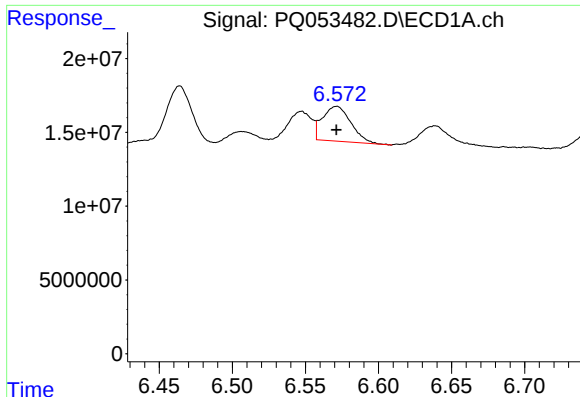
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 18961211
Conc: 27.13 ng/ml



#16 AR-1242-1

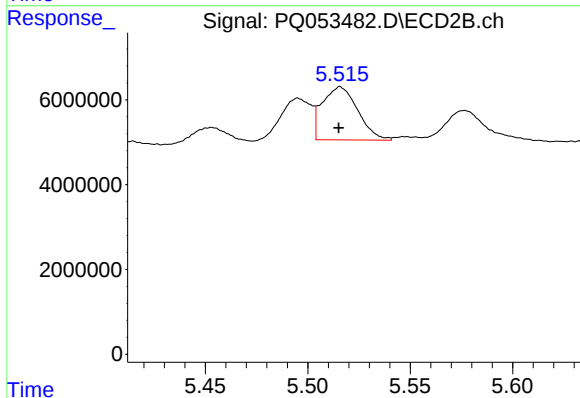
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 9703449
Conc: 30.23 ng/ml



#17 AR-1242-2

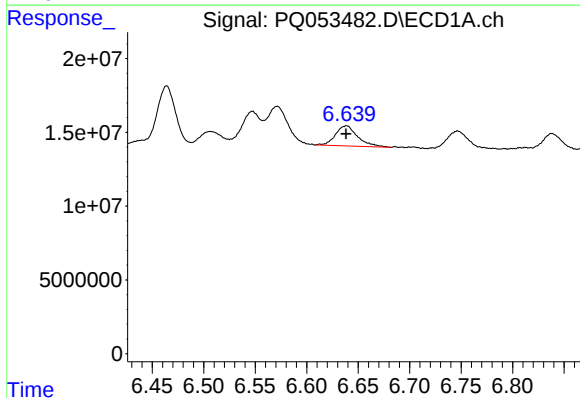
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 32114603
Conc: 29.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



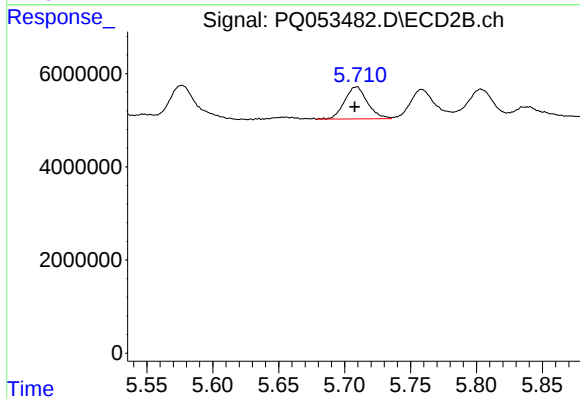
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 15088840
Conc: 31.94 ng/ml



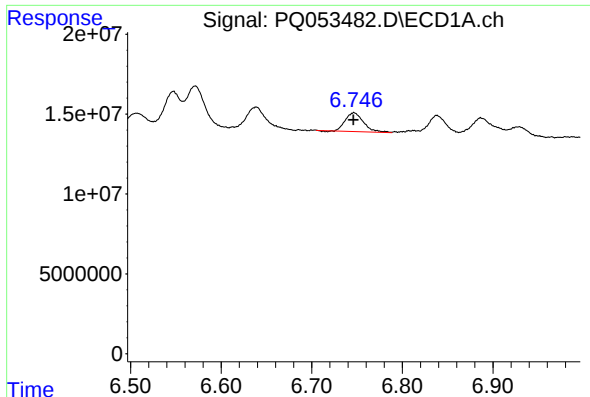
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 20662130
Conc: 31.82 ng/ml



#18 AR-1242-3

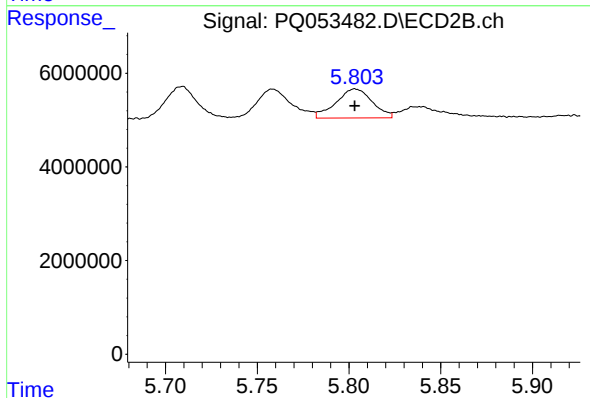
R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 8329126
Conc: 34.23 ng/ml



#19 AR-1242-4

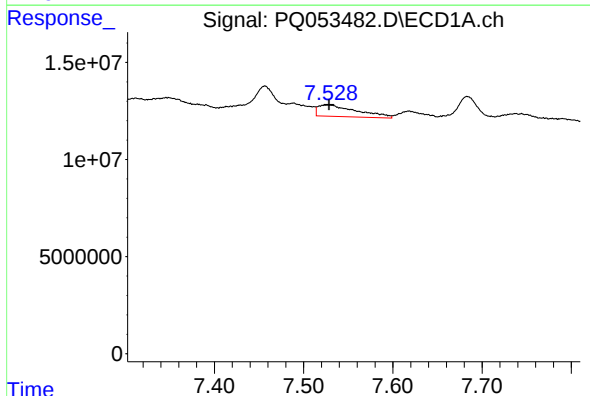
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 16439230
Conc: 31.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



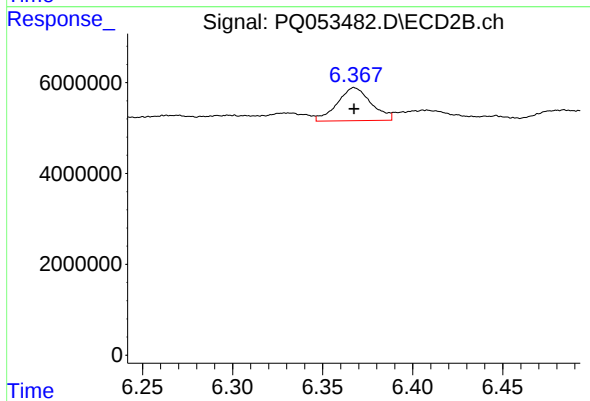
#19 AR-1242-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 8516239
Conc: 35.94 ng/ml



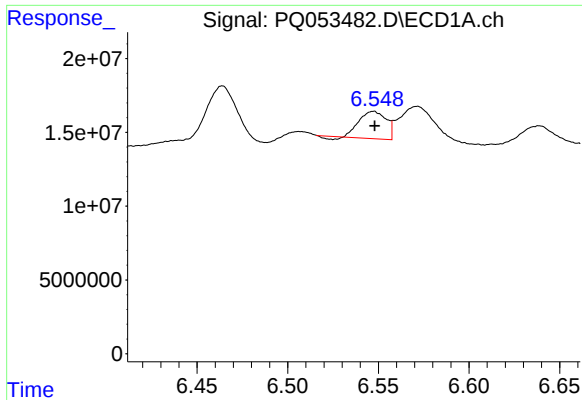
#20 AR-1242-5

R.T.: 7.526 min
Delta R.T.: -0.002 min
Response: 17867791
Conc: 30.61 ng/ml



#20 AR-1242-5

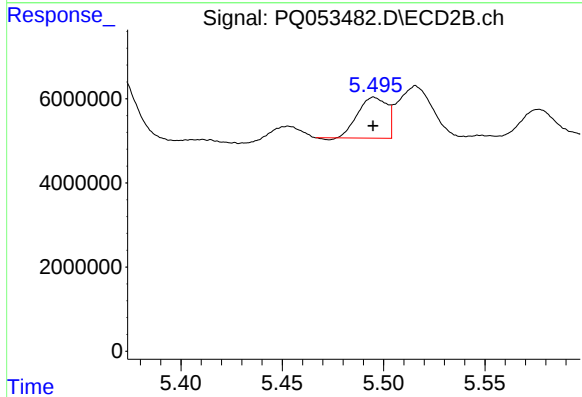
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 9559648
Conc: 29.97 ng/ml



#21 AR-1248-1

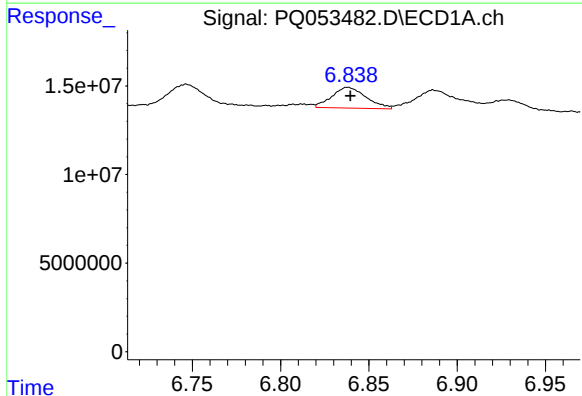
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 18961211
Conc: 36.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



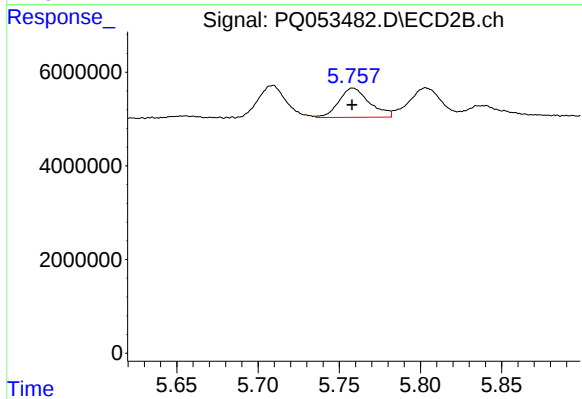
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 9703449
Conc: 40.14 ng/ml



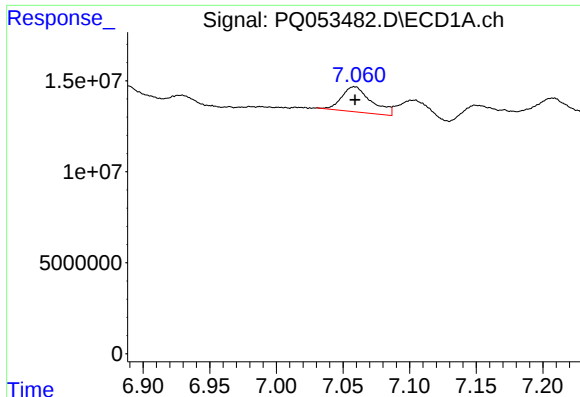
#22 AR-1248-2

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 15828363
Conc: 20.88 ng/ml



#22 AR-1248-2

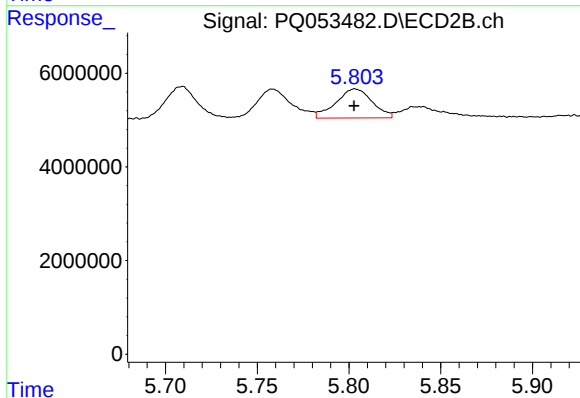
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 8194129
Conc: 23.76 ng/ml



#23 AR-1248-3

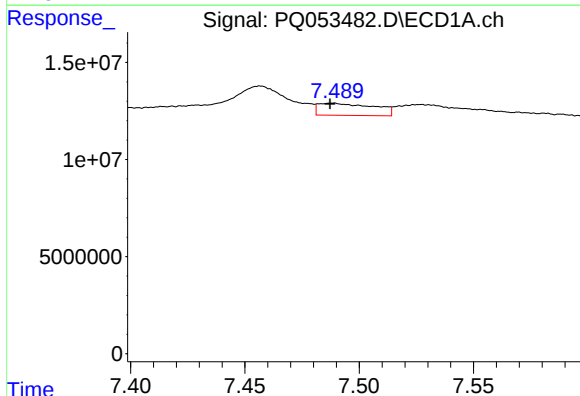
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 21508469
Conc: 25.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



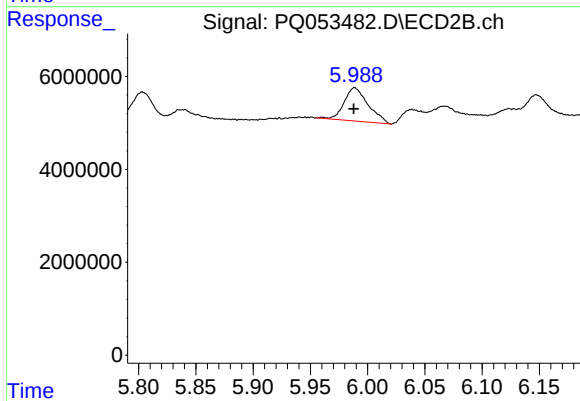
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 8516239
Conc: 24.28 ng/ml



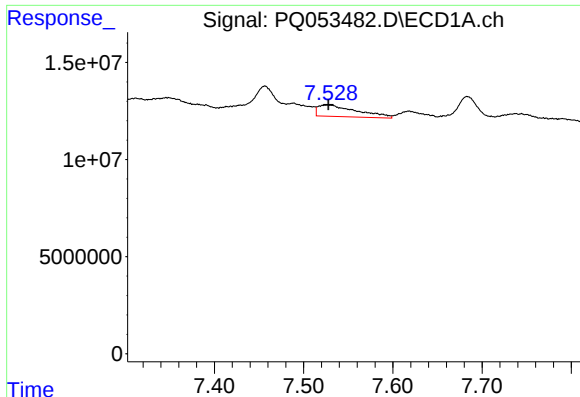
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.001 min
Response: 10544504
Conc: 10.84 ng/ml



#24 AR-1248-4

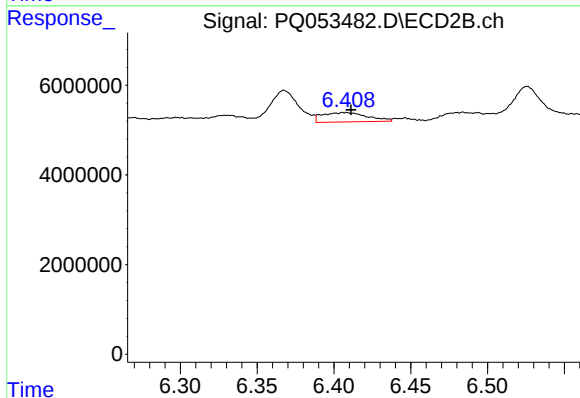
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 10494020
Conc: 24.56 ng/ml



#25 AR-1248-5

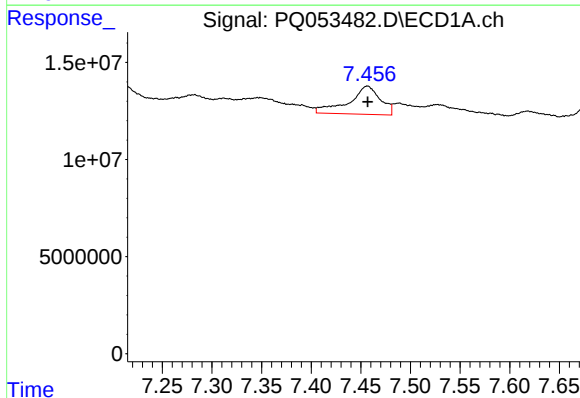
R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 17867791
Conc: 18.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



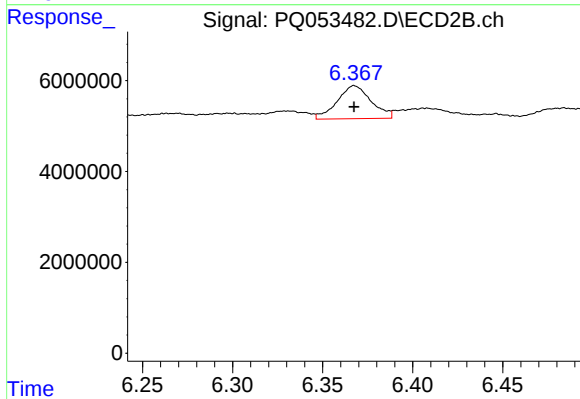
#25 AR-1248-5

R.T.: 6.407 min
Delta R.T.: -0.004 min
Response: 4273044
Conc: 10.08 ng/ml



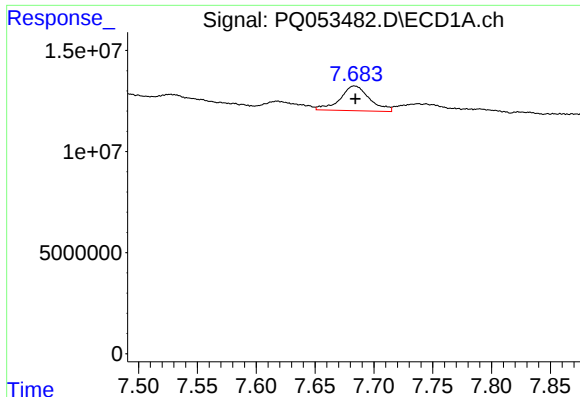
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 32178682
Conc: 33.06 ng/ml



#26 AR-1254-1

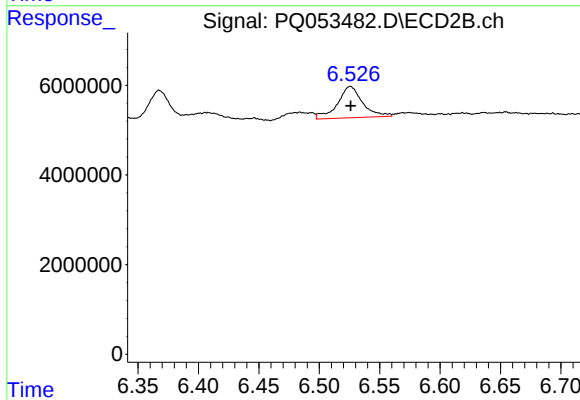
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 9559648
Conc: 14.12 ng/ml



#27 AR-1254-2

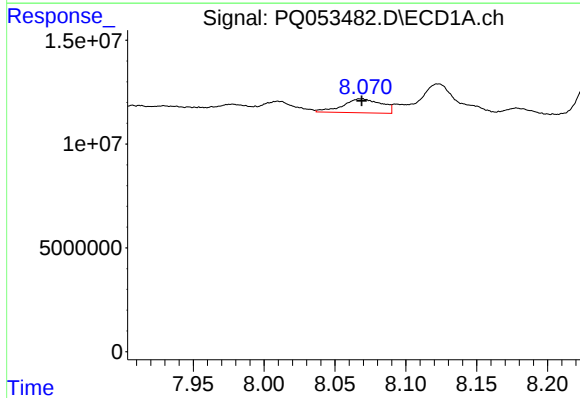
R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 21332749
Conc: 14.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



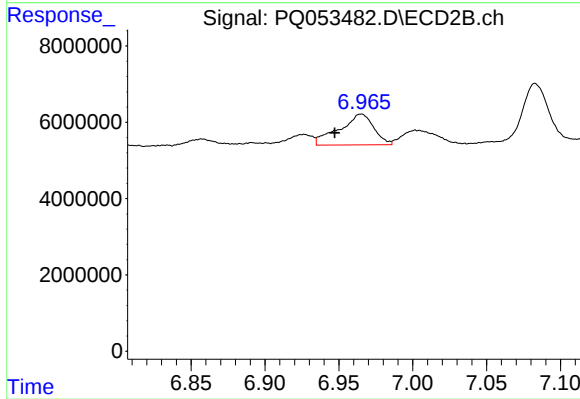
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 10108124
Conc: 16.24 ng/ml



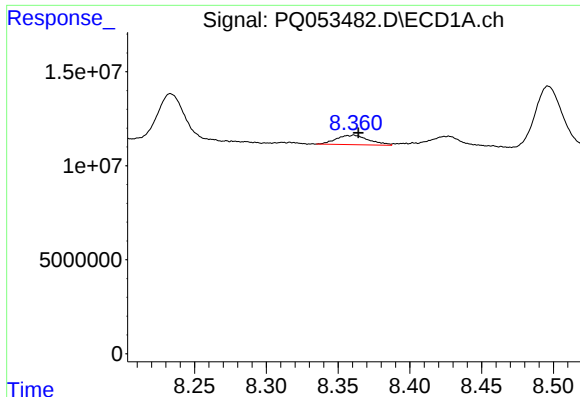
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 12700933
Conc: 8.13 ng/ml



#28 AR-1254-3

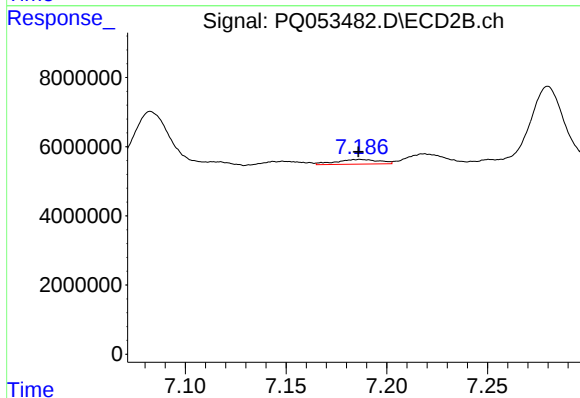
R.T.: 6.965 min
Delta R.T.: 0.018 min
Response: 13094933
Conc: 13.19 ng/ml



#29 AR-1254-4

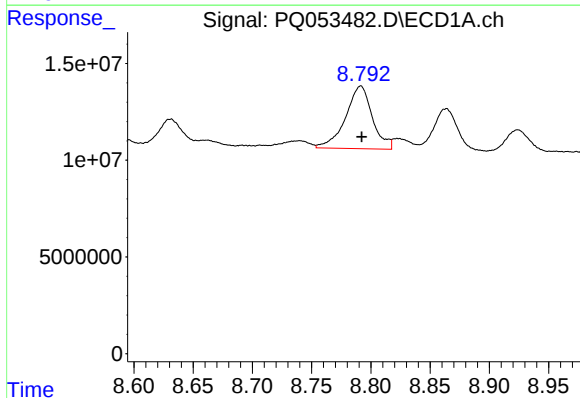
R.T.: 8.361 min
Delta R.T.: -0.003 min
Response: 7980753
Conc: 6.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



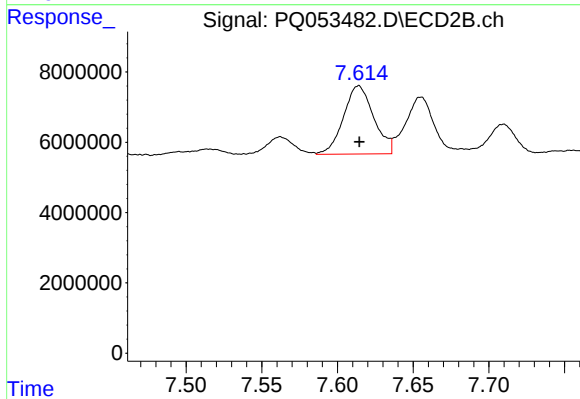
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 2020926
Conc: 3.25 ng/ml



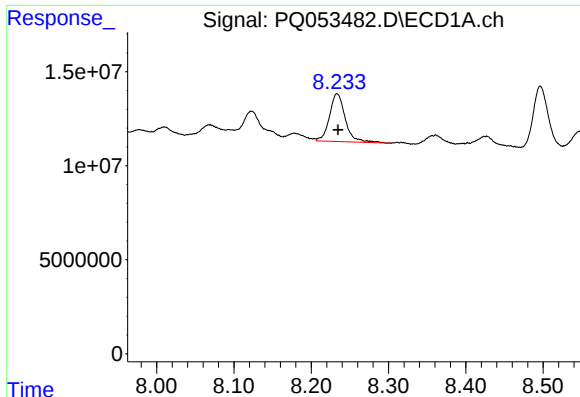
#30 AR-1254-5

R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 50988486
Conc: 39.60 ng/ml



#30 AR-1254-5

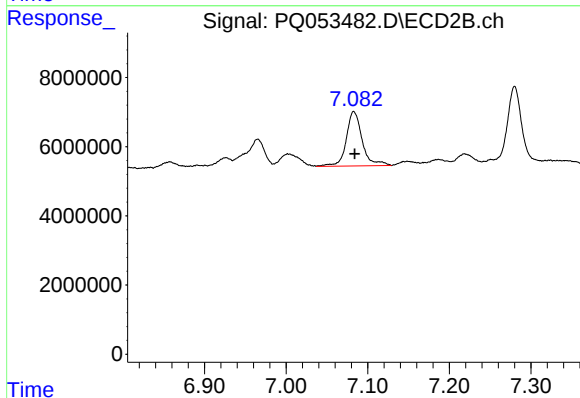
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 27055348
Conc: 27.98 ng/ml



#31 AR-1260-1

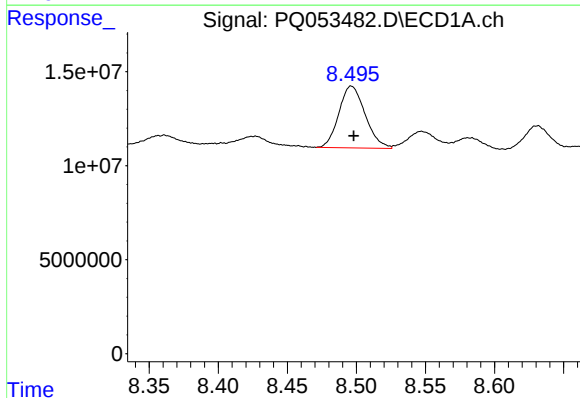
R.T.: 8.233 min
Delta R.T.: -0.001 min
Response: 36190225
Conc: 26.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



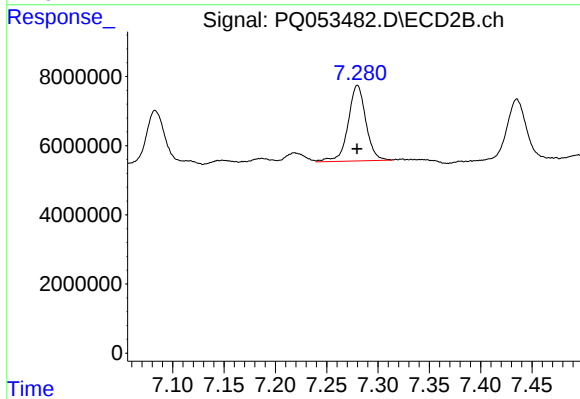
#31 AR-1260-1

R.T.: 7.083 min
Delta R.T.: -0.001 min
Response: 21376329
Conc: 26.50 ng/ml



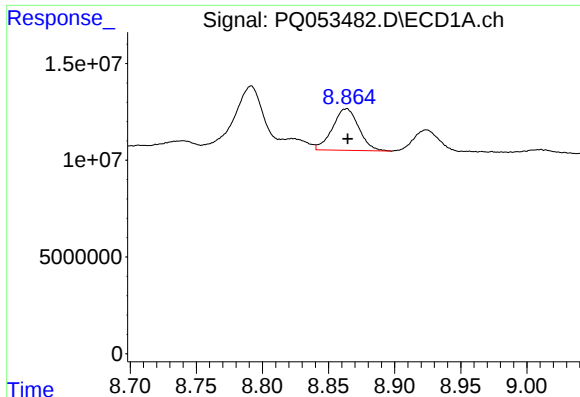
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 43676267
Conc: 25.42 ng/ml



#32 AR-1260-2

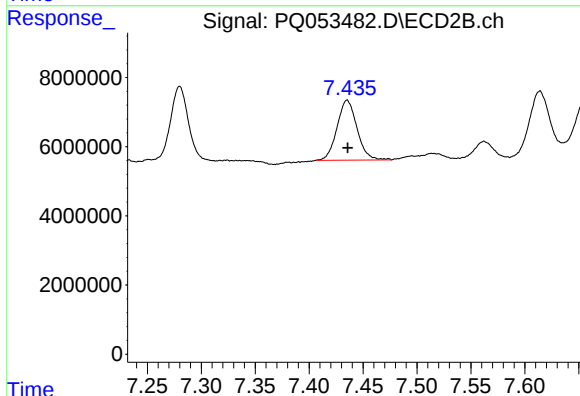
R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 26215720
Conc: 23.09 ng/ml



#33 AR-1260-3

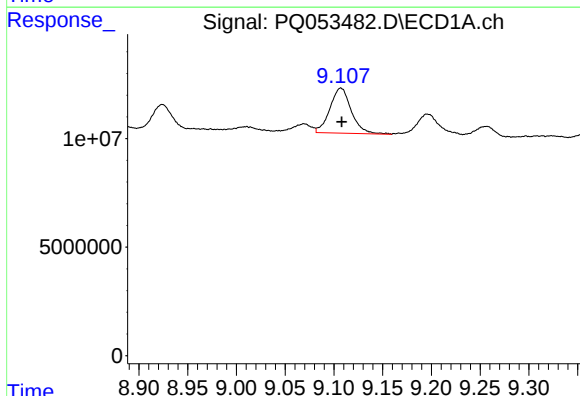
R.T.: 8.863 min
Delta R.T.: -0.001 min
Response: 29826492
Conc: 24.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



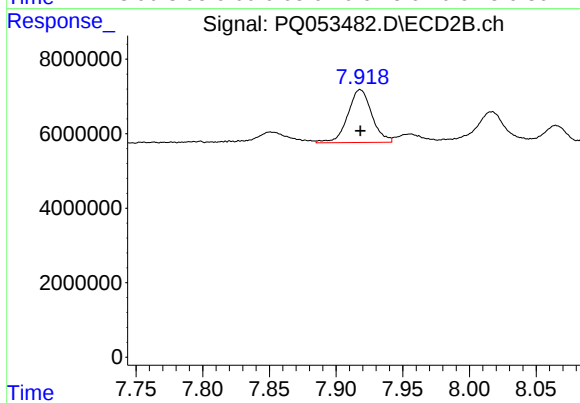
#33 AR-1260-3

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 22305136
Conc: 23.38 ng/ml



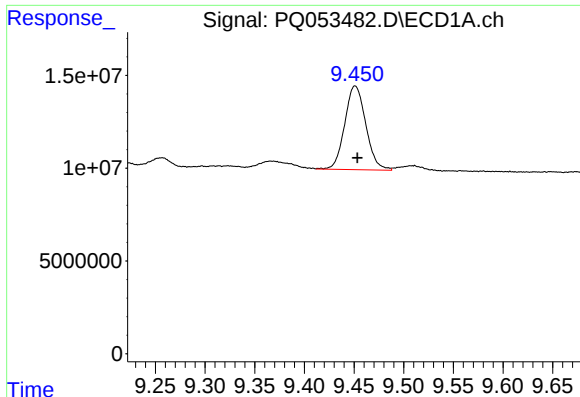
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 31730046
Conc: 24.91 ng/ml



#34 AR-1260-4

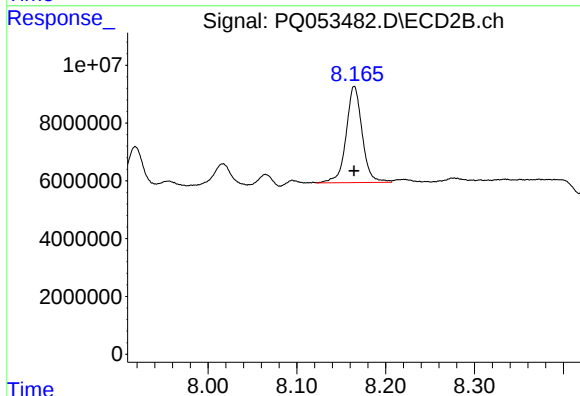
R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 17868767
Conc: 24.59 ng/ml



#35 AR-1260-5

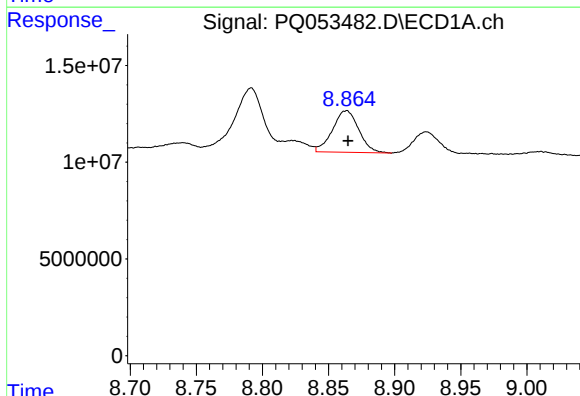
R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 66696187
Conc: 24.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



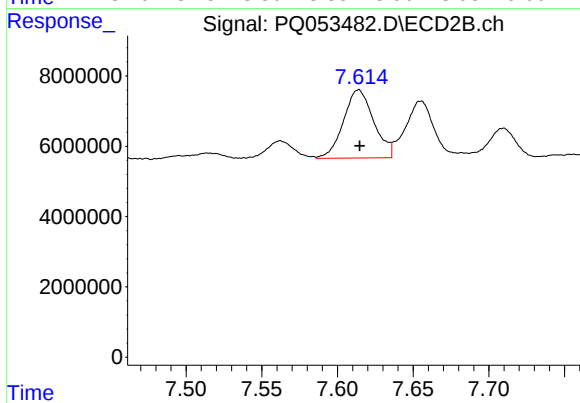
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 41863561
Conc: 21.86 ng/ml



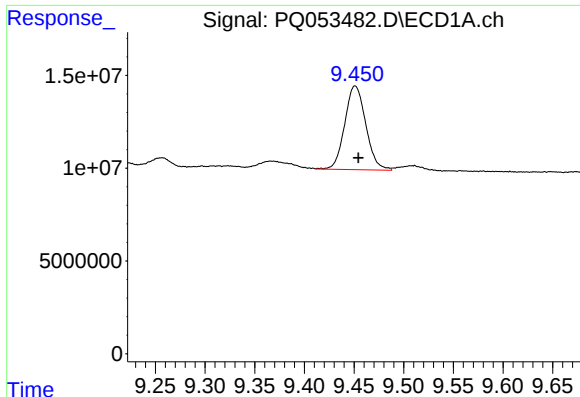
#36 AR-1262-1

R.T.: 8.863 min
Delta R.T.: -0.001 min
Response: 29826492
Conc: 17.23 ng/ml



#36 AR-1262-1

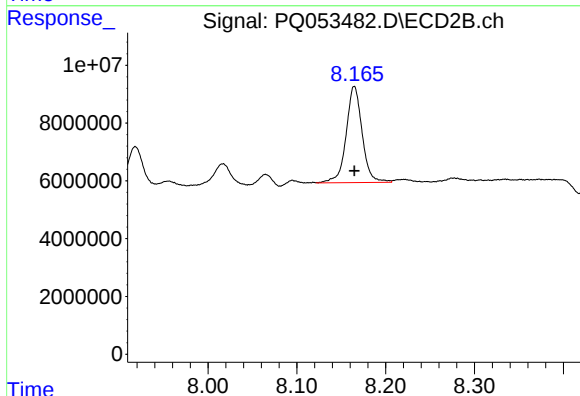
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 27055348
Conc: 56.45 ng/ml



#37 AR-1262-2

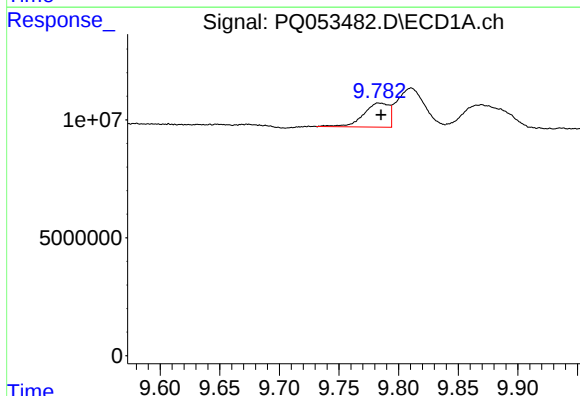
R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 66696187
Conc: 22.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



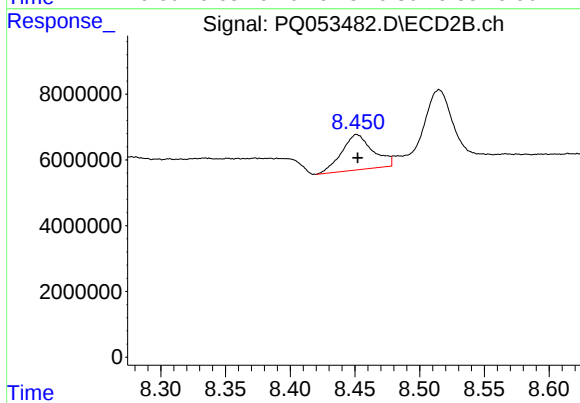
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 41863561
Conc: 20.44 ng/ml



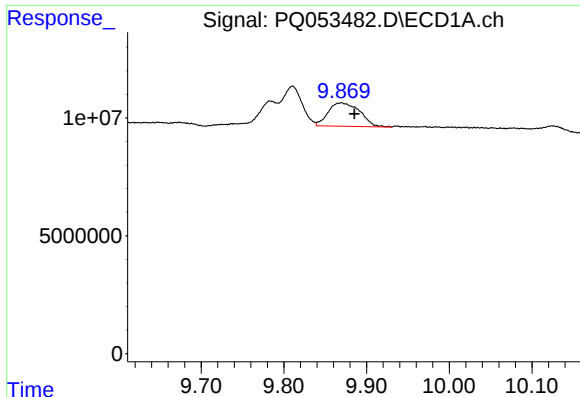
#38 AR-1262-3

R.T.: 9.784 min
Delta R.T.: -0.002 min
Response: 15216679
Conc: 7.41 ng/ml



#38 AR-1262-3

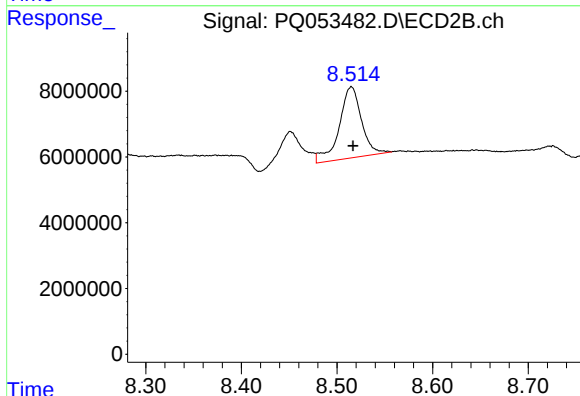
R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 18026424
Conc: 21.40 ng/ml



#39 AR-1262-4

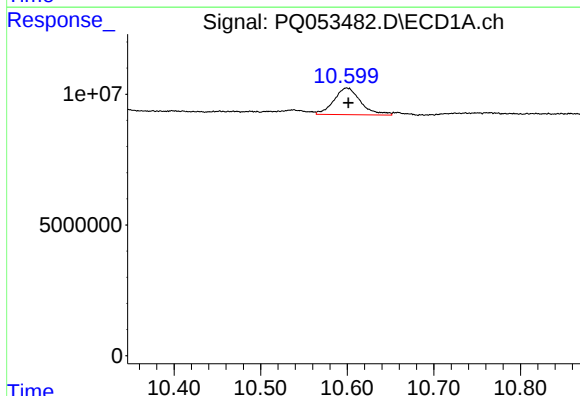
R.T.: 9.870 min
Delta R.T.: -0.016 min
Response: 26324680
Conc: 15.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



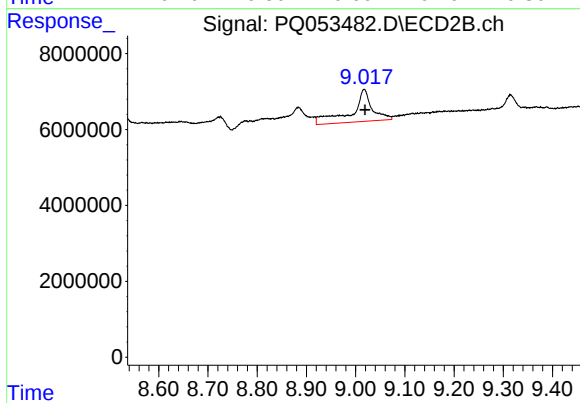
#39 AR-1262-4

R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 35015343
Conc: 24.67 ng/ml



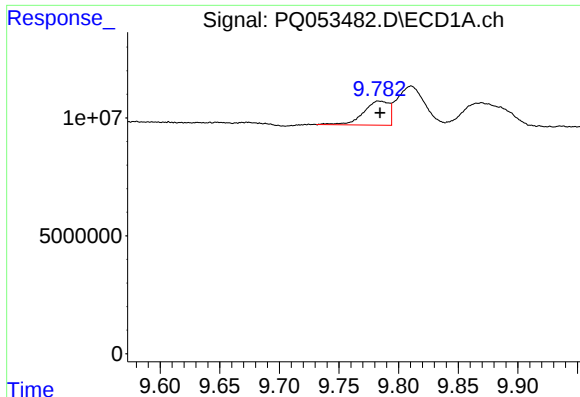
#40 AR-1262-5

R.T.: 10.599 min
Delta R.T.: -0.002 min
Response: 21907905
Conc: 19.25 ng/ml



#40 AR-1262-5

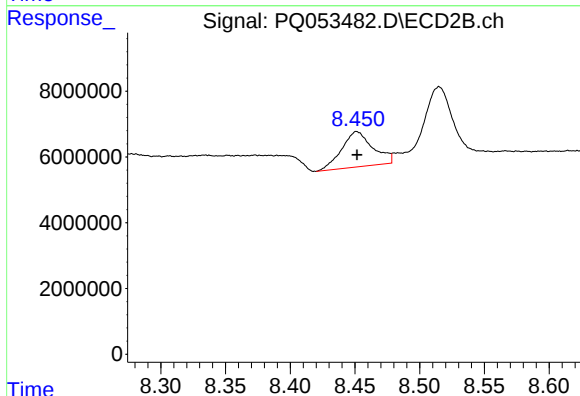
R.T.: 9.017 min
Delta R.T.: -0.001 min
Response: 24678957
Conc: 40.03 ng/ml



#41 AR-1268-1

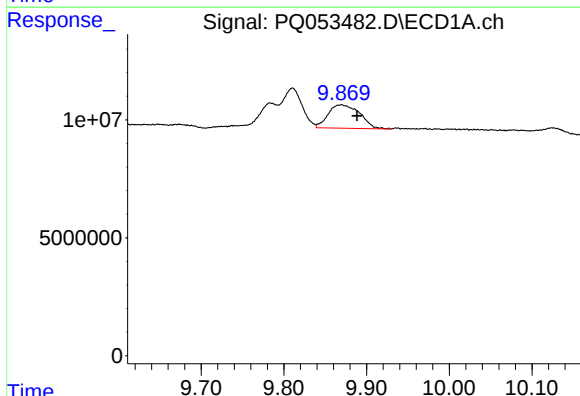
R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 15216679
Conc: 4.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



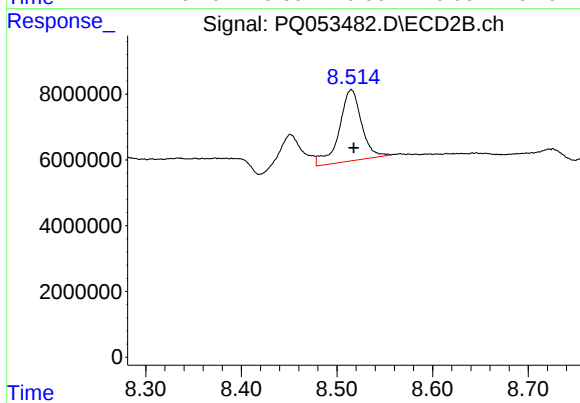
#41 AR-1268-1

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 18026424
Conc: 7.78 ng/ml



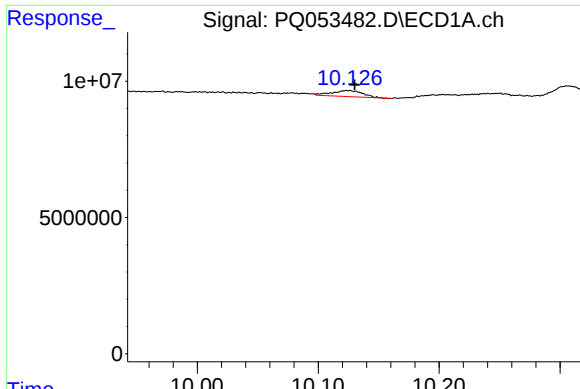
#42 AR-1268-2

R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 26324680
Conc: 7.88 ng/ml



#42 AR-1268-2

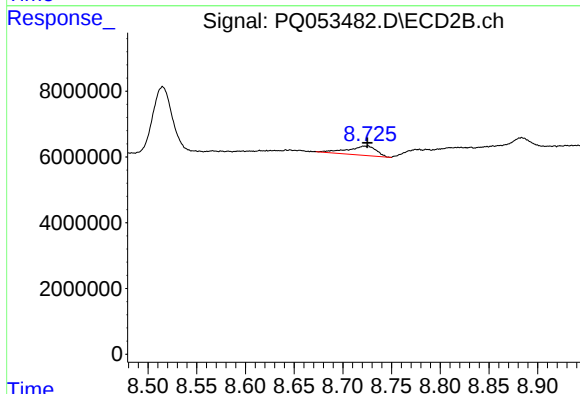
R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 35015343
Conc: 18.00 ng/ml



#43 AR-1268-3

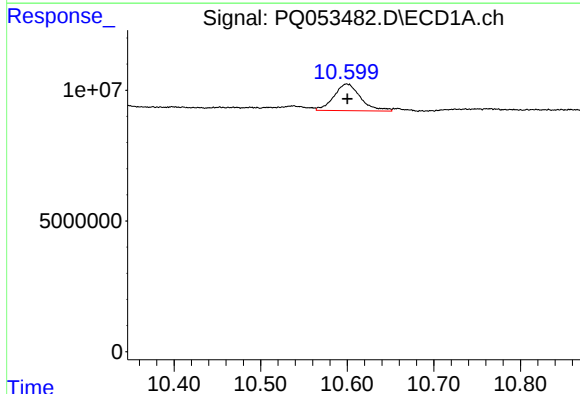
R.T.: 10.125 min
Delta R.T.: -0.006 min
Response: 3923081
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



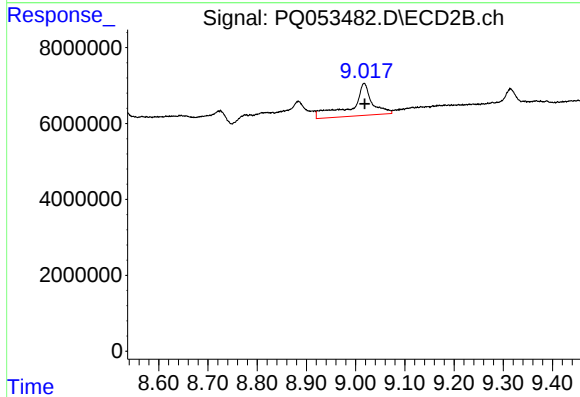
#43 AR-1268-3

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 5789175
Conc: 3.40 ng/ml



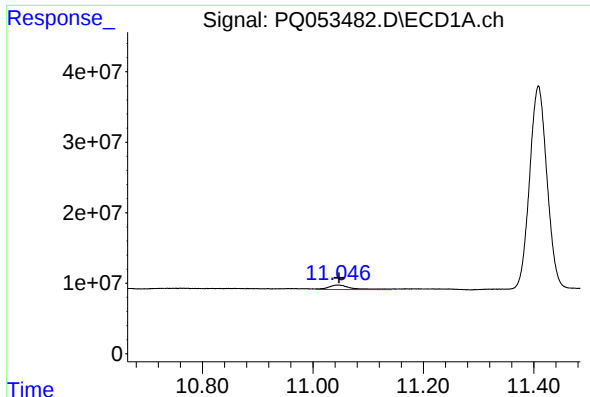
#44 AR-1268-4

R.T.: 10.599 min
Delta R.T.: 0.000 min
Response: 21907905
Conc: 19.01 ng/ml



#44 AR-1268-4

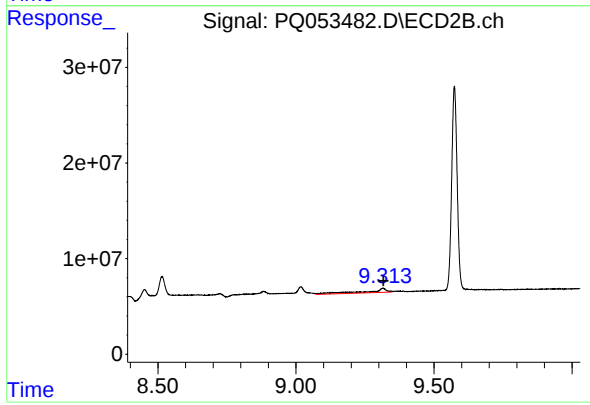
R.T.: 9.017 min
Delta R.T.: -0.001 min
Response: 24678957
Conc: 38.54 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.002 min
Response: 18785199
Conc: 2.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 21513713
Conc: 4.44 ng/ml