

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 16:18
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:34:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 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...	5.229	4.246	492.1E6	168.9E6	20.039	20.131
2)	SA Decachlor...	11.417	9.591	793.5E6	304.7E6	38.716	39.504
Target Compounds							
3)	L1 AR-1016-1	6.551	5.506	189.6E6	71012743	235.931	230.543
4)	L1 AR-1016-2	6.576	5.526	231.3E6	72194401	195.885	168.377
5)	L1 AR-1016-3	6.643	5.720	108.2E6	45830082	151.612	209.217 #
6)	L1 AR-1016-4	6.749	5.769	122.2E6	94366837	203.051	563.509 #
7)	L1 AR-1016-5	7.064	5.999	307.1E6	115.2E6	545.852	539.338
8)	L2 AR-1221-1	5.474	4.501	6456744	1107797	25.317	12.256 #
9)	L2 AR-1221-2	5.582	4.602	8646686	4257791	49.159	67.289 #
10)	L2 AR-1221-3	5.666	4.692	16255471	5324460	27.608	24.692
11)	L3 AR-1232-1	5.666	4.692	16255471	5324460	33.079	29.444
12)	L3 AR-1232-2	6.257	5.526	76139915	72194401	295.837	365.666
13)	L3 AR-1232-3	6.576	5.720	231.3E6	45830082	439.588	465.903
14)	L3 AR-1232-4	6.749	5.814	122.2E6	97870203	466.302	1182.418 #
15)	L3 AR-1232-5	6.846	5.999	266.1E6	115.2E6	1440.404	1294.601
16)	L4 AR-1242-1	6.551	5.506	189.6E6	71012743	275.840	269.571
17)	L4 AR-1242-2	6.576	5.526	231.3E6	72194401	229.057	196.490
18)	L4 AR-1242-3	6.643	5.720	108.2E6	45830082	178.186	240.392 #
19)	L4 AR-1242-4	6.749	5.814	122.2E6	97870203	240.390	554.160 #
20)	L4 AR-1242-5	7.533	6.378	366.4E6	182.3E6	649.419	726.965
21)	L5 AR-1248-1	6.551	5.506	189.6E6	71012743	346.121	345.329
22)	L5 AR-1248-2	6.846	5.769	266.1E6	94366837	346.202	349.141
23)	L5 AR-1248-3	7.064	5.814	307.1E6	97870203	347.849	350.981
24)	L5 AR-1248-4	7.493	5.999	369.2E6	115.2E6	355.089	346.144
25)	L5 AR-1248-5	7.533	6.422	366.4E6	126.2E6	357.657	352.971
26)	L6 AR-1254-1	7.462	6.378	283.4E6	182.3E6	285.234	341.765
27)	L6 AR-1254-2	7.698	6.537	361.5E6	48044378	233.857	105.216 #
28)	L6 AR-1254-3	8.074	6.959	203.5E6	81885680	120.412	108.889
29)	L6 AR-1254-4	8.368	7.196	141.7E6	60575333	112.948	120.061
30)	L6 AR-1254-5	8.797	7.627	41331659	19063864	30.757	28.029
31)	L7 AR-1260-1	8.240	7.108	26255098	42773735	26.272	104.434 #
32)	L7 AR-1260-2	8.498	7.290	43608114	10024146	35.504	18.879 #
33)	L7 AR-1260-3	8.861	7.446	12801278	10111659	13.998	21.158 #
34)	L7 AR-1260-4	9.106	7.932	35107552	1137535	32.585	2.808 #
35)	L7 AR-1260-5	9.457	8.176	7422376	3079970	3.271	2.861
36)	L8 AR-1262-1	8.861	7.627	12801278	19063864	8.131	55.207 #
37)	L8 AR-1262-2	9.457	8.176	7422376	3079970	2.478	2.297
38)	L8 AR-1262-3	9.787	8.482	1463260	335937	0.735	0.642
39)	L8 AR-1262-4	9.865	8.527	3490998	3407108	2.294	3.487 #
40)	L8 AR-1262-5	10.608	9.027	775491	2294237	0.713	5.062 #
41)	L9 AR-1268-1	9.787	8.482	1463260	335937	0.416	0.209 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021521\
 Data File : PQ052252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 16:18
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

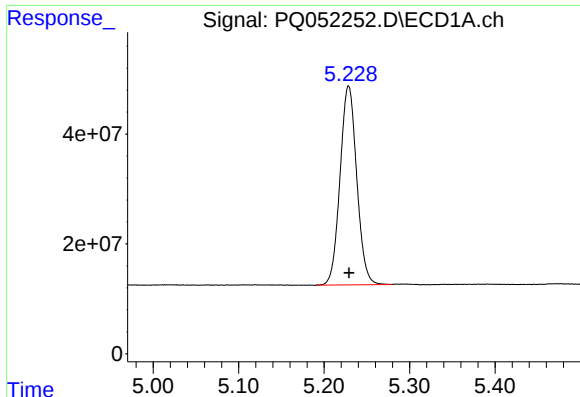
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:34:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 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
42) L9	AR-1268-2	9.865	8.527	3490998	3407108	1.063	2.286 #
43) L9	AR-1268-3	10.136	8.737	4019195	2778337	1.445	2.216 #
44) L9	AR-1268-4	10.608	9.027	775491	2294237	0.636	4.389 #
45) L9	AR-1268-5	11.051	9.332	11361809	1896846	1.163	0.472 #

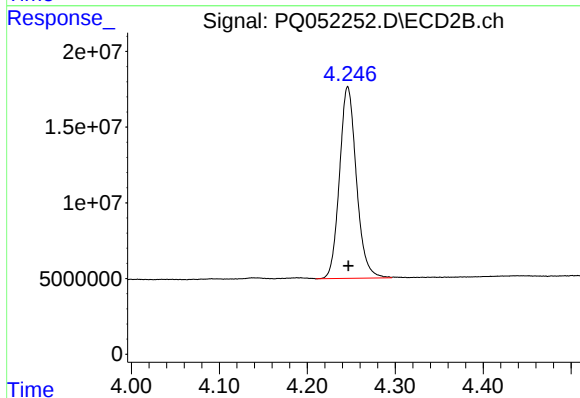
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

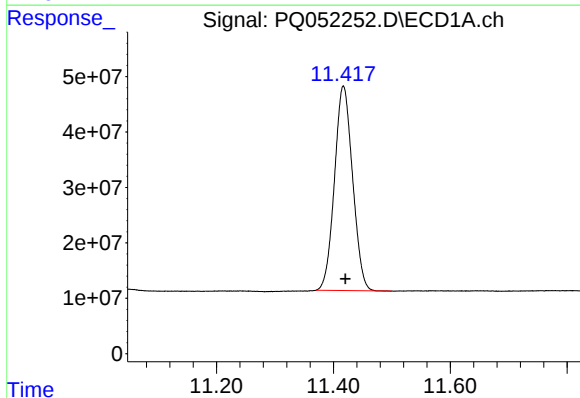
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 492119020
Conc: 20.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



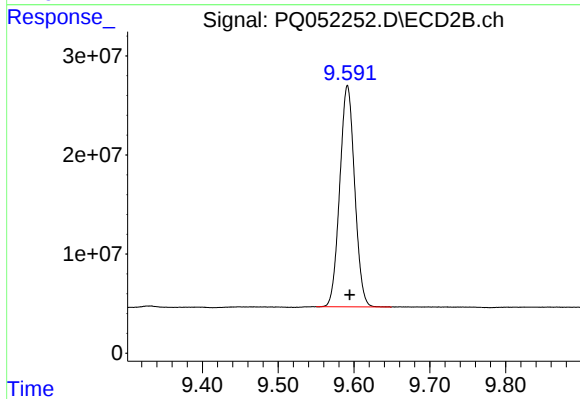
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 168863895
Conc: 20.13 ng/ml



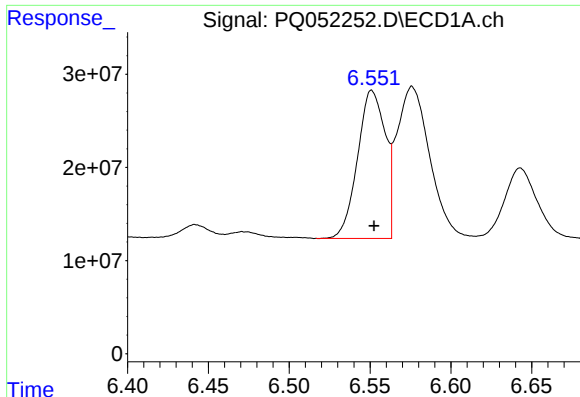
#2 Decachlorobiphenyl

R.T.: 11.417 min
Delta R.T.: -0.004 min
Response: 793486419
Conc: 38.72 ng/ml



#2 Decachlorobiphenyl

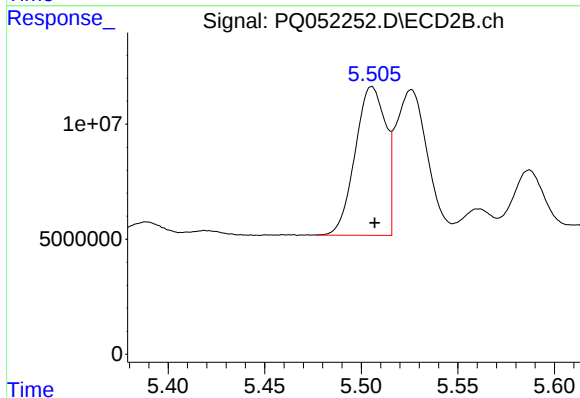
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 304684769
Conc: 39.50 ng/ml



#3 AR-1016-1

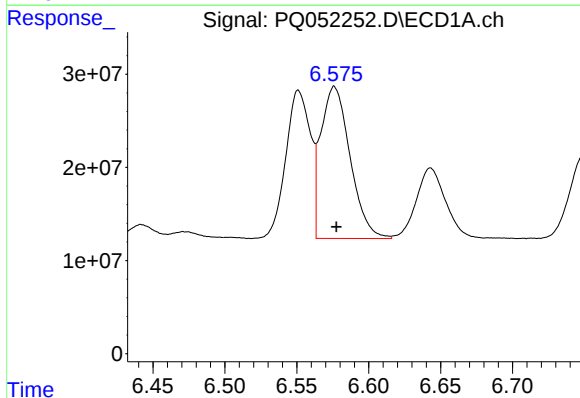
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 189567807
Conc: 235.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



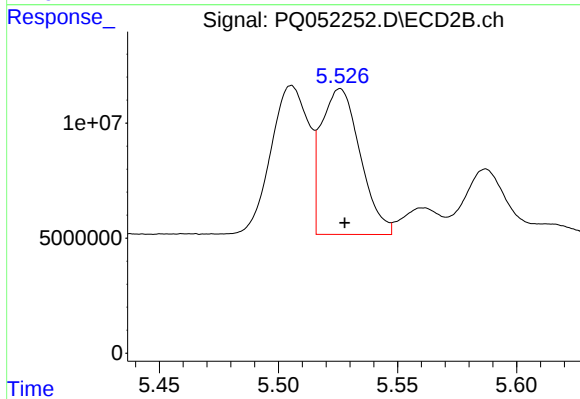
#3 AR-1016-1

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 71012743
Conc: 230.54 ng/ml



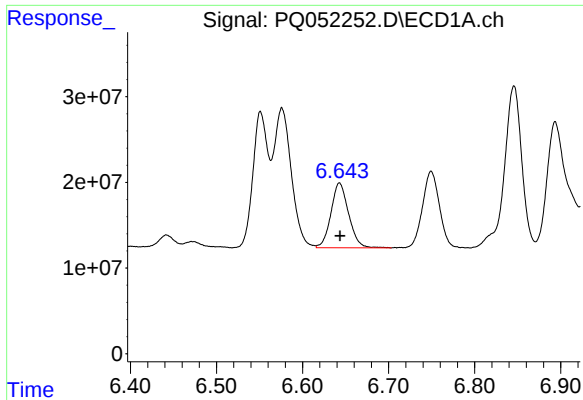
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 231256771
Conc: 195.89 ng/ml



#4 AR-1016-2

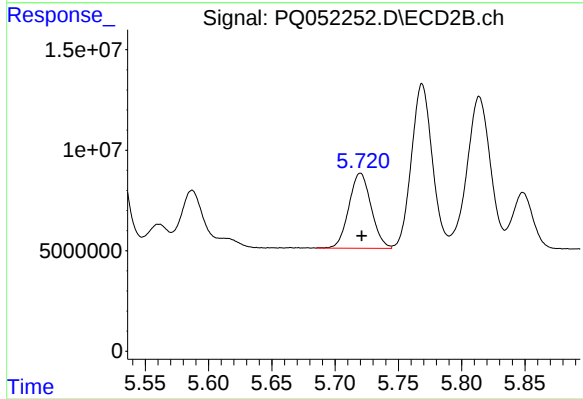
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 72194401
Conc: 168.38 ng/ml



#5 AR-1016-3

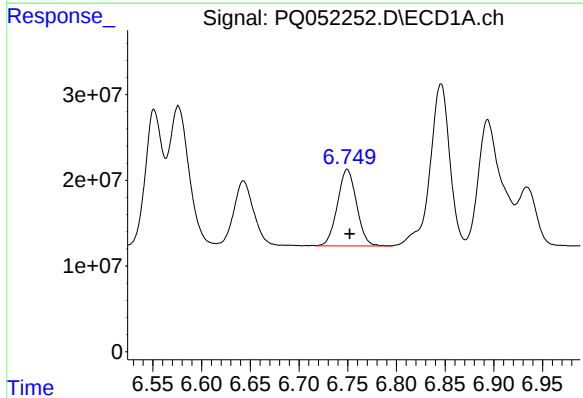
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 108208127
Conc: 151.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



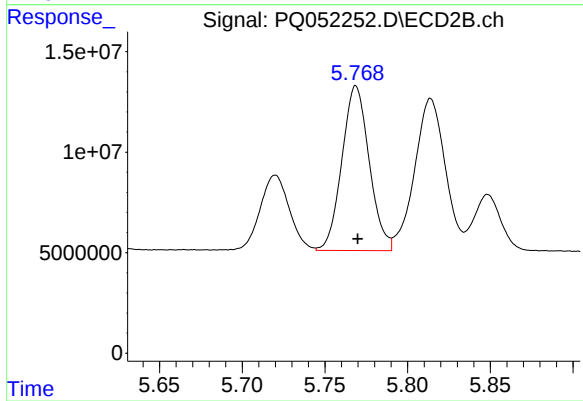
#5 AR-1016-3

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 45830082
Conc: 209.22 ng/ml



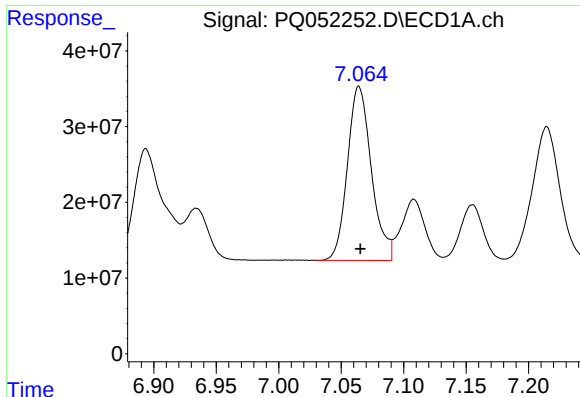
#6 AR-1016-4

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 122239040
Conc: 203.05 ng/ml



#6 AR-1016-4

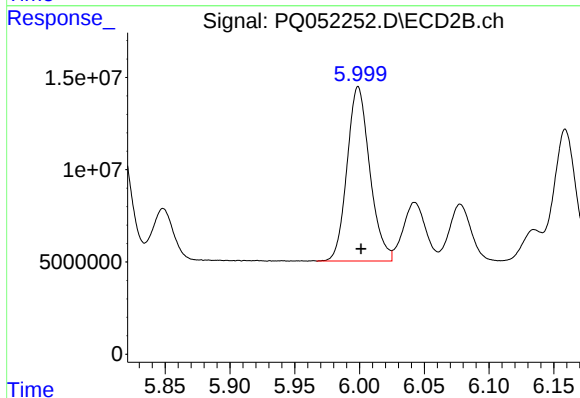
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 94366837
Conc: 563.51 ng/ml



#7 AR-1016-5

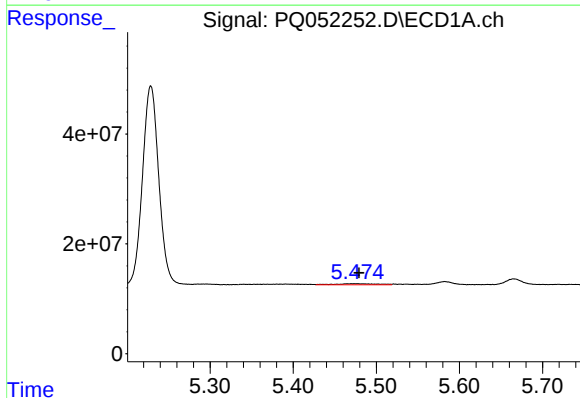
R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 307122161
Conc: 545.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



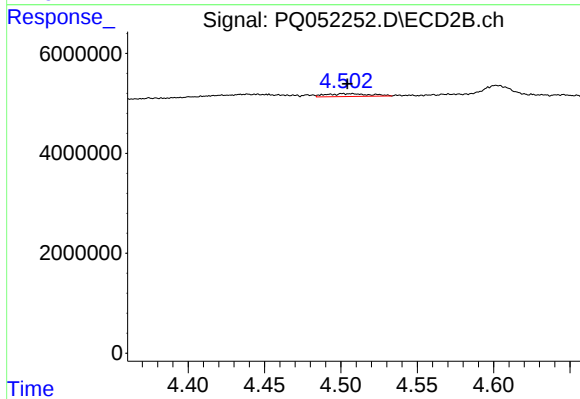
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 115178565
Conc: 539.34 ng/ml



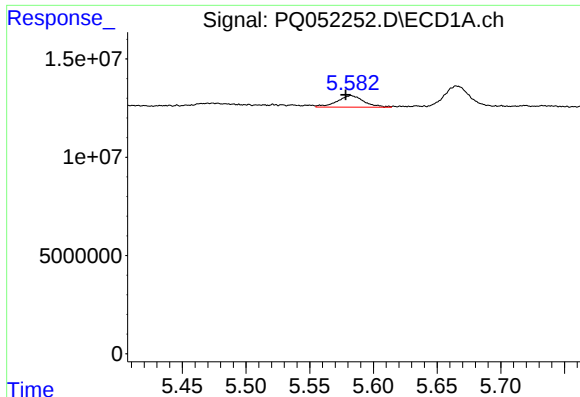
#8 AR-1221-1

R.T.: 5.474 min
Delta R.T.: -0.005 min
Response: 6456744
Conc: 25.32 ng/ml



#8 AR-1221-1

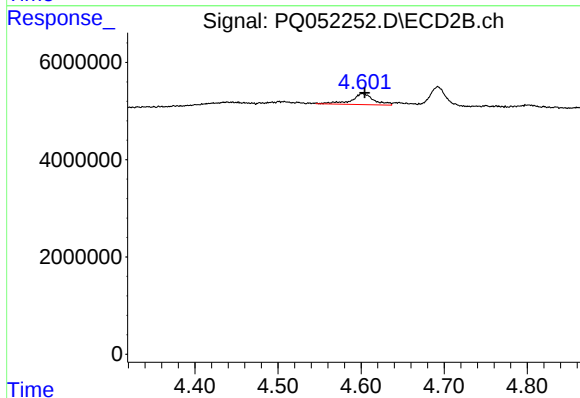
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 1107797
Conc: 12.26 ng/ml



#9 AR-1221-2

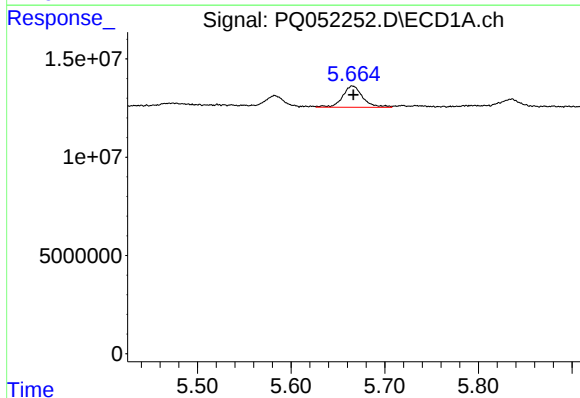
R.T.: 5.582 min
Delta R.T.: 0.004 min
Response: 8646686
Conc: 49.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



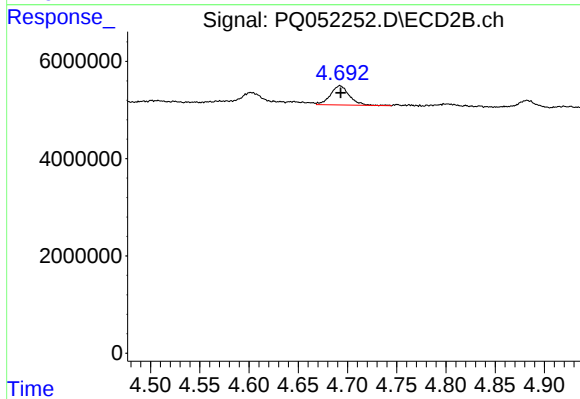
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 4257791
Conc: 67.29 ng/ml



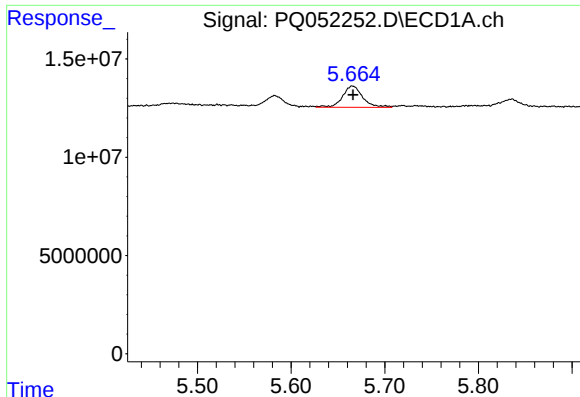
#10 AR-1221-3

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 16255471
Conc: 27.61 ng/ml



#10 AR-1221-3

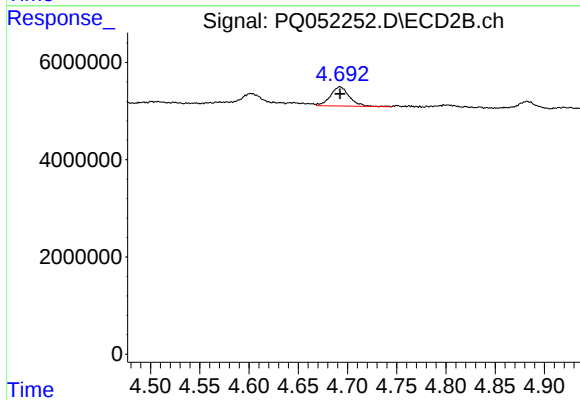
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 5324460
Conc: 24.69 ng/ml



#11 AR-1232-1

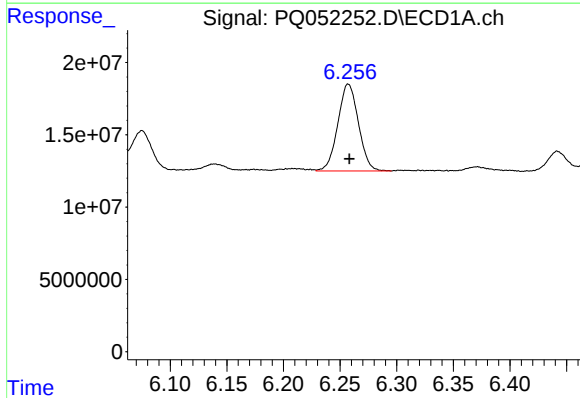
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 16255471
Conc: 33.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



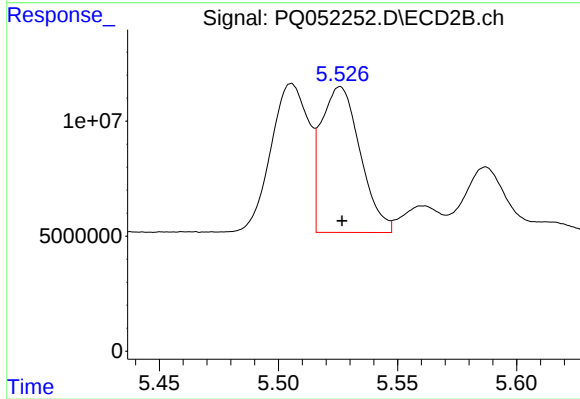
#11 AR-1232-1

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 5324460
Conc: 29.44 ng/ml



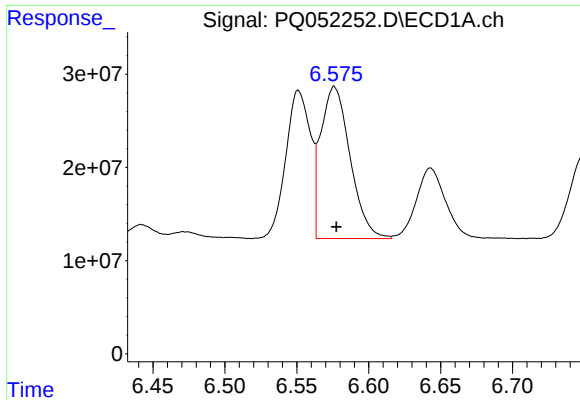
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 76139915
Conc: 295.84 ng/ml



#12 AR-1232-2

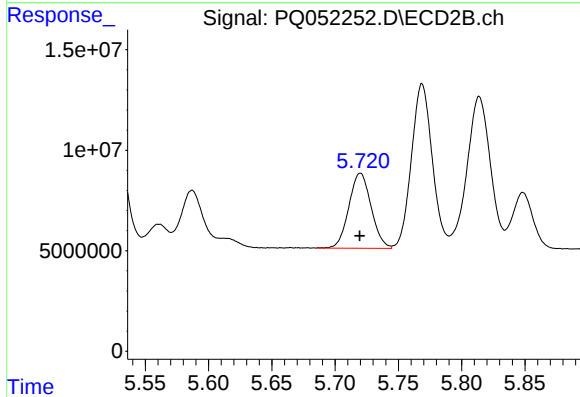
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 72194401
Conc: 365.67 ng/ml



#13 AR-1232-3

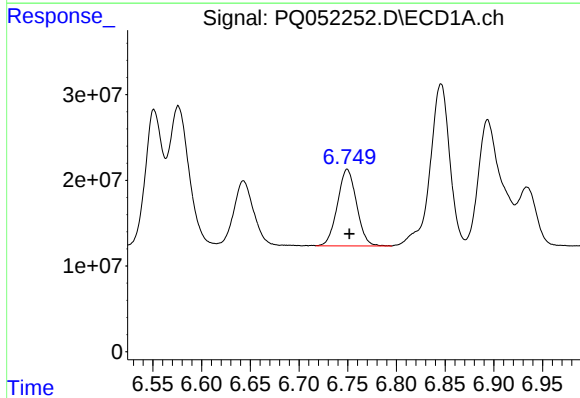
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 231256771
Conc: 439.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



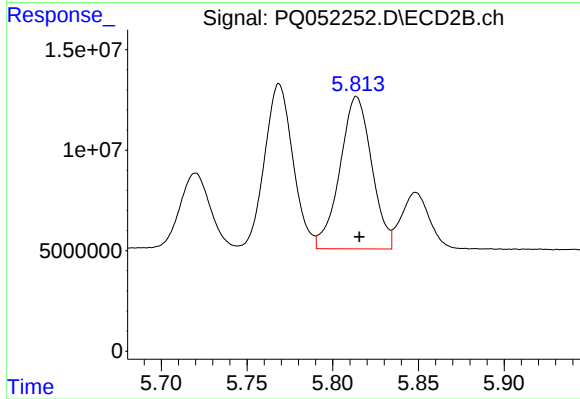
#13 AR-1232-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 45830082
Conc: 465.90 ng/ml



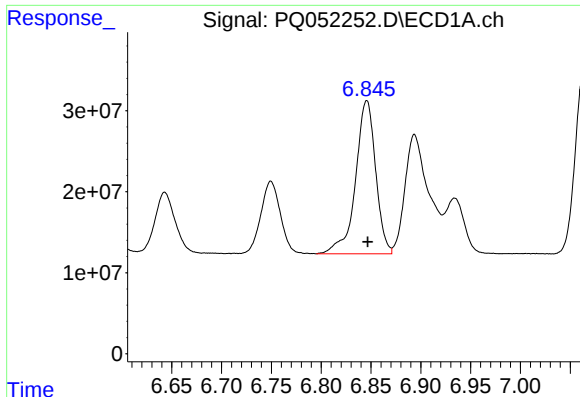
#14 AR-1232-4

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 122239040
Conc: 466.30 ng/ml



#14 AR-1232-4

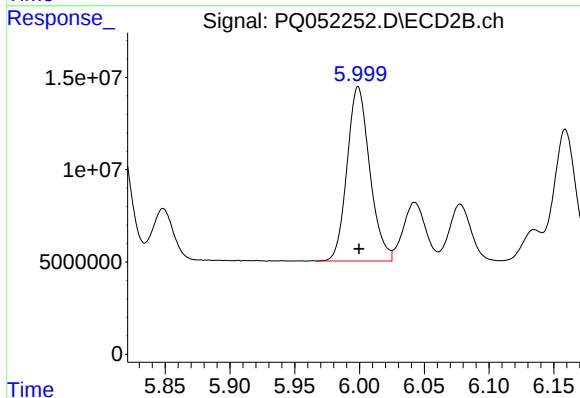
R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 97870203
Conc: 1182.42 ng/ml



#15 AR-1232-5

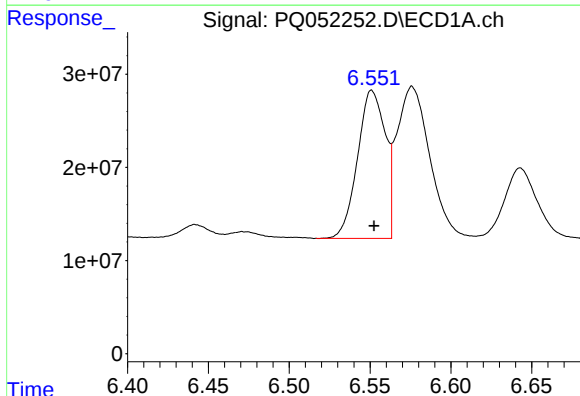
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 266101879
Conc: 1440.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



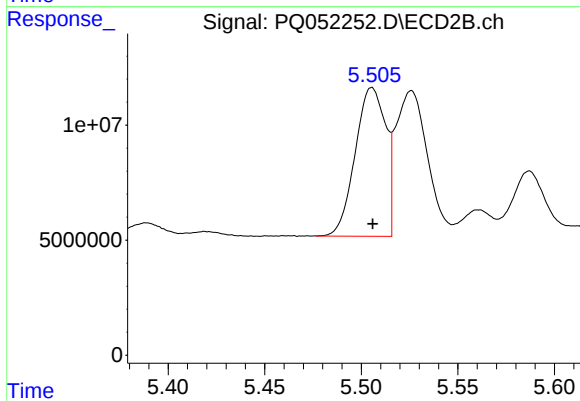
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 115178565
Conc: 1294.60 ng/ml



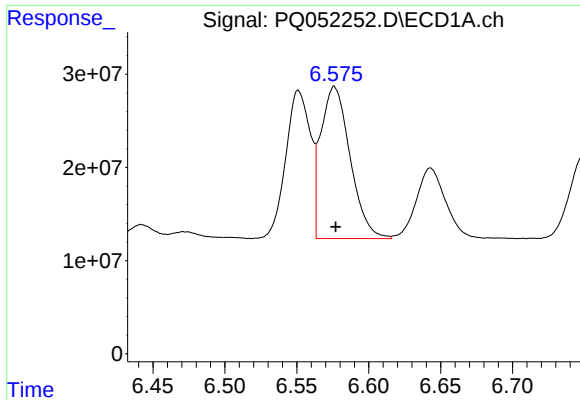
#16 AR-1242-1

R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 189567807
Conc: 275.84 ng/ml



#16 AR-1242-1

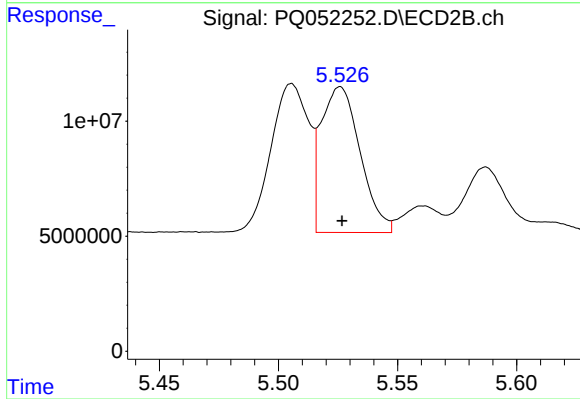
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 71012743
Conc: 269.57 ng/ml



#17 AR-1242-2

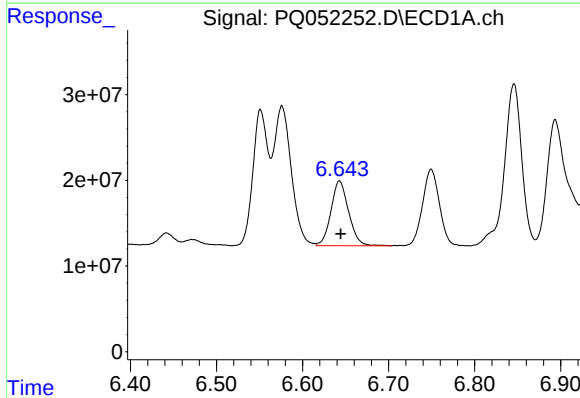
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 231256771
Conc: 229.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



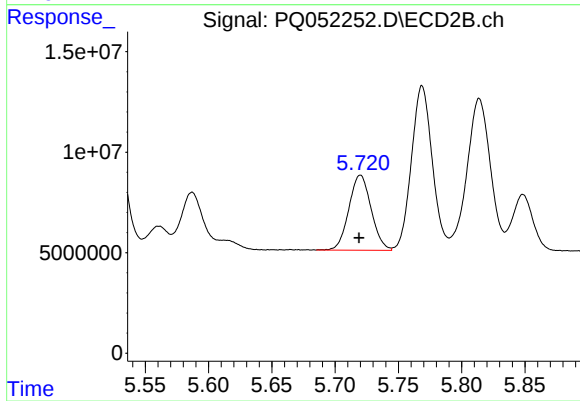
#17 AR-1242-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 72194401
Conc: 196.49 ng/ml



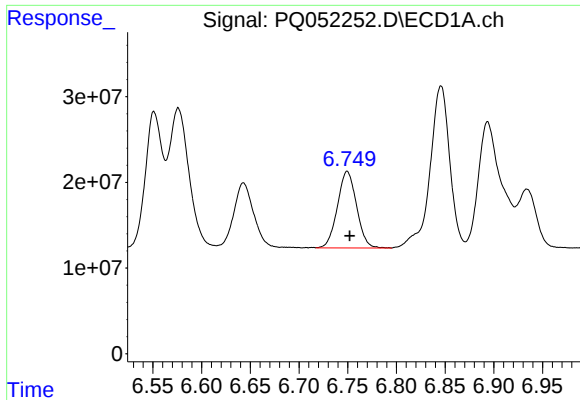
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 108208127
Conc: 178.19 ng/ml



#18 AR-1242-3

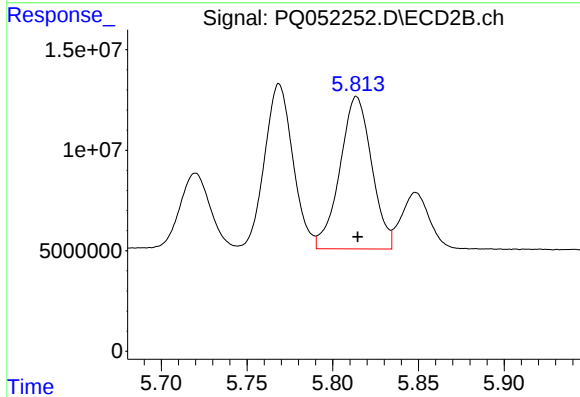
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 45830082
Conc: 240.39 ng/ml



#19 AR-1242-4

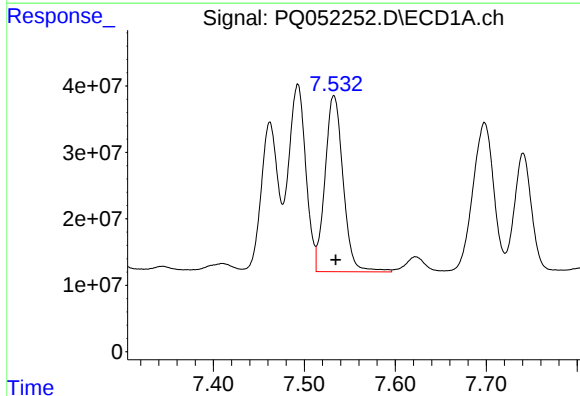
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 122239040
Conc: 240.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



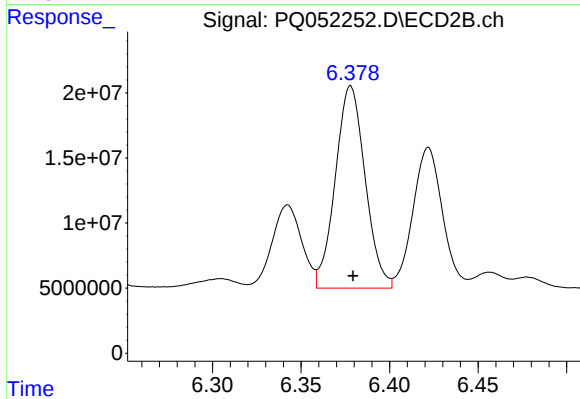
#19 AR-1242-4

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 97870203
Conc: 554.16 ng/ml



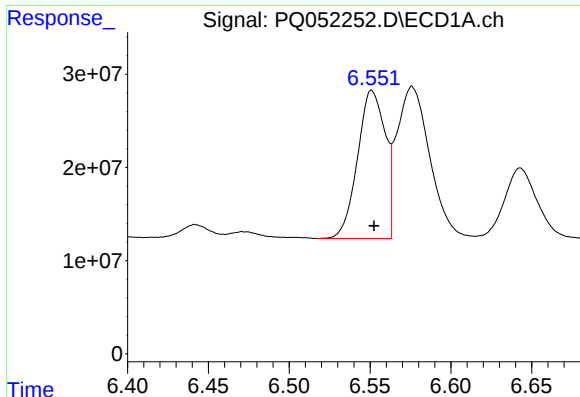
#20 AR-1242-5

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 366378101
Conc: 649.42 ng/ml



#20 AR-1242-5

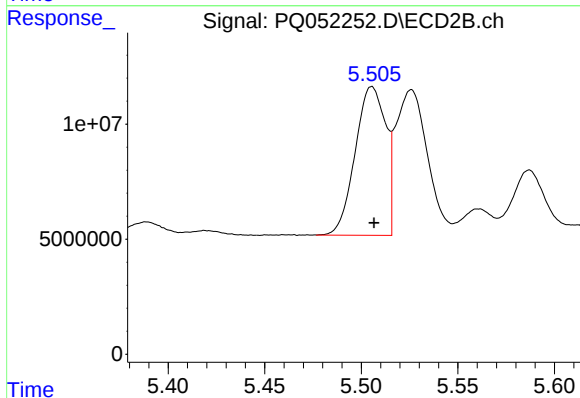
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 182260027
Conc: 726.96 ng/ml



#21 AR-1248-1

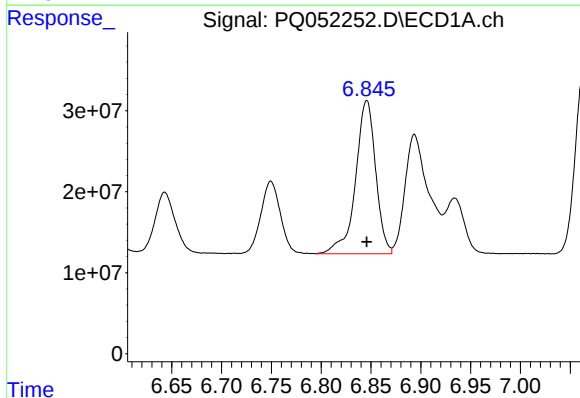
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 189567807
Conc: 346.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



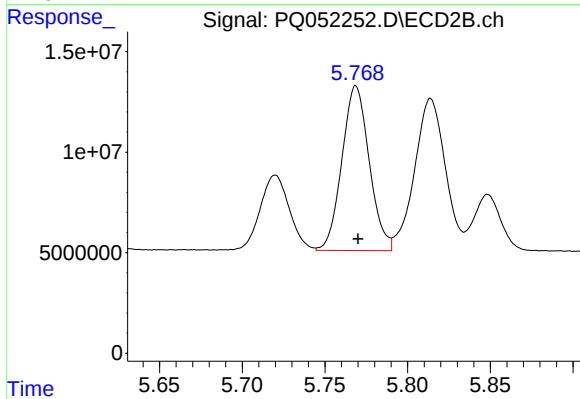
#21 AR-1248-1

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 71012743
Conc: 345.33 ng/ml



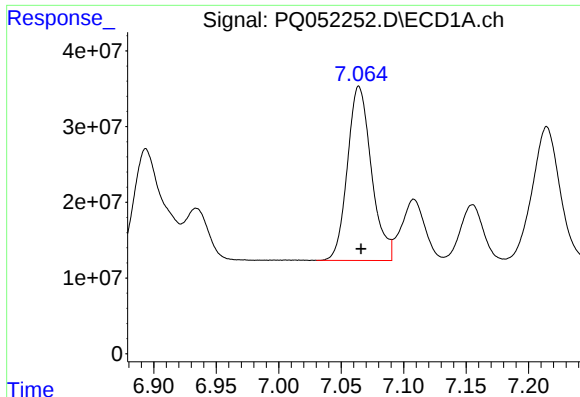
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 266101879
Conc: 346.20 ng/ml



#22 AR-1248-2

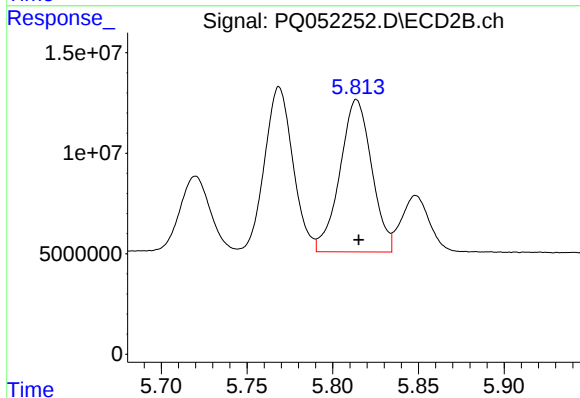
R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 94366837
Conc: 349.14 ng/ml



#23 AR-1248-3

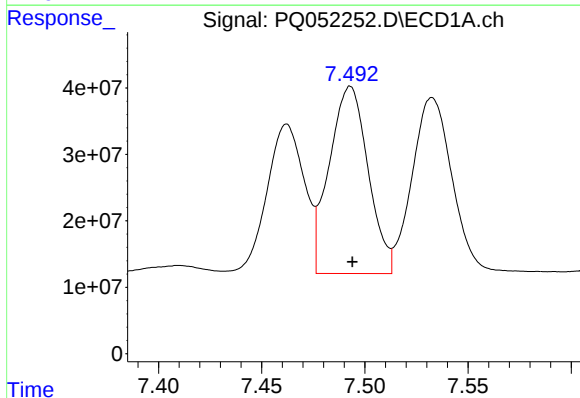
R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 307122161
Conc: 347.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



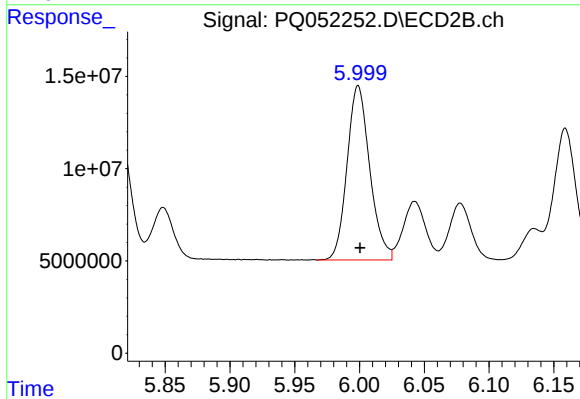
#23 AR-1248-3

R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 97870203
Conc: 350.98 ng/ml



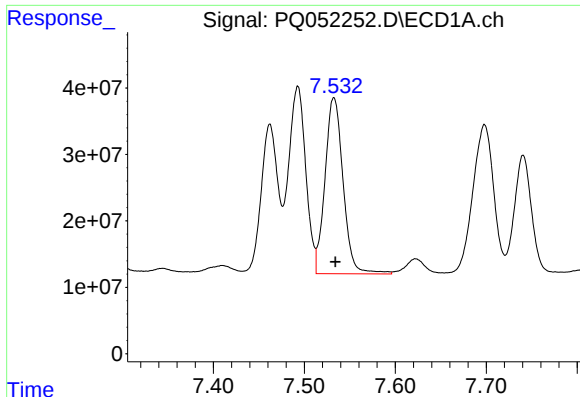
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 369179214
Conc: 355.09 ng/ml



#24 AR-1248-4

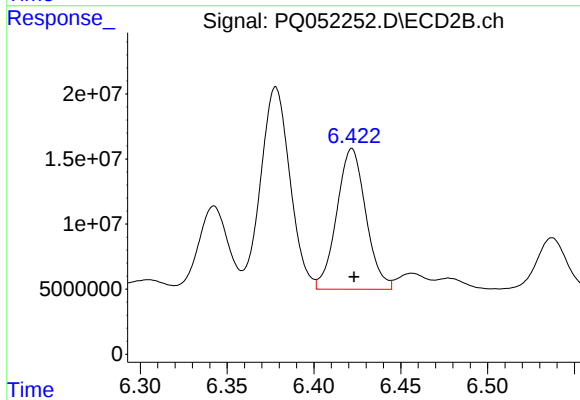
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 115178565
Conc: 346.14 ng/ml



#25 AR-1248-5

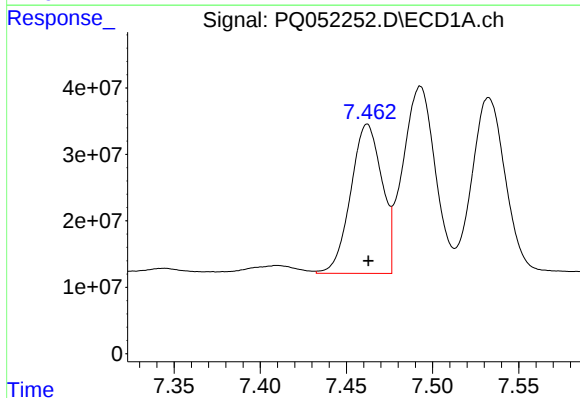
R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 366378101
Conc: 357.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



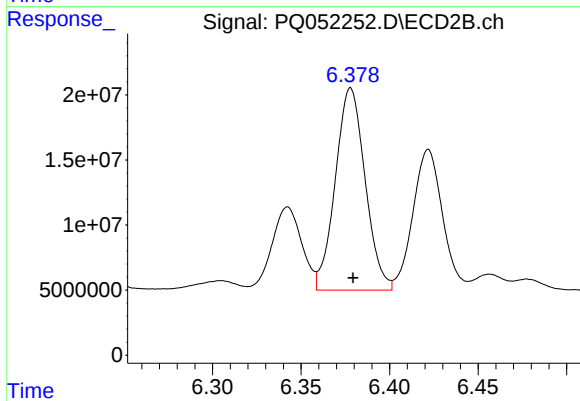
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 126204109
Conc: 352.97 ng/ml



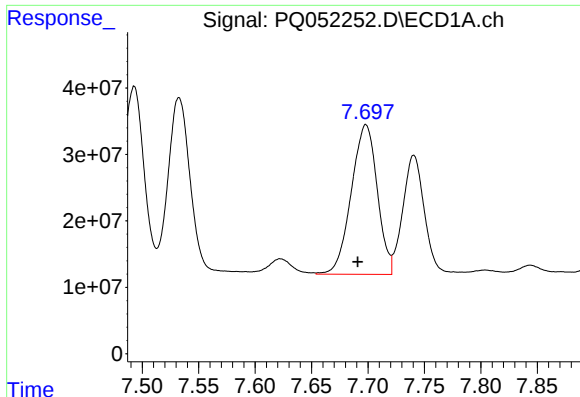
#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 283354170
Conc: 285.23 ng/ml



#26 AR-1254-1

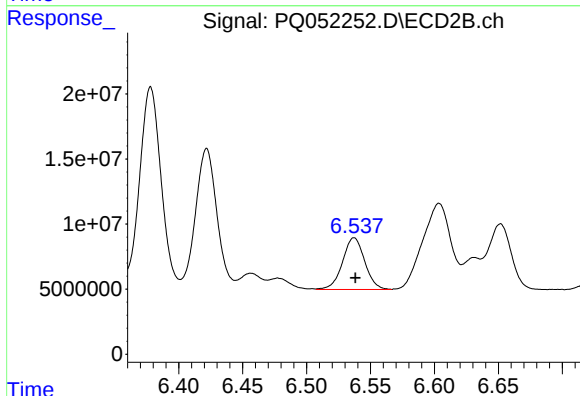
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 182260027
Conc: 341.76 ng/ml



#27 AR-1254-2

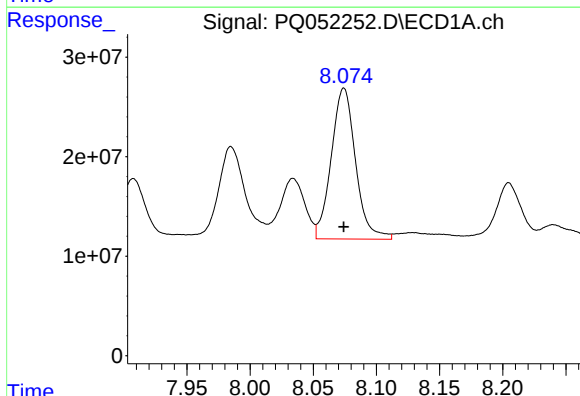
R.T.: 7.698 min
Delta R.T.: 0.007 min
Response: 361455938
Conc: 233.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



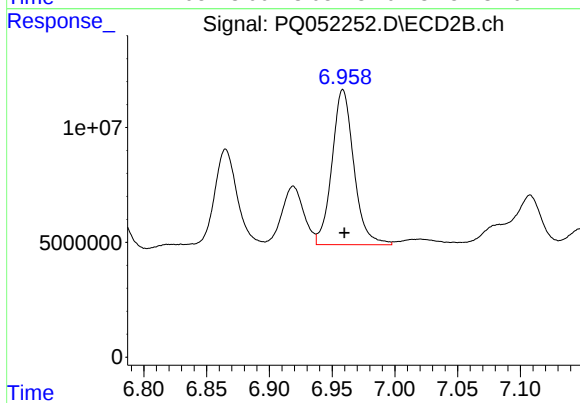
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 48044378
Conc: 105.22 ng/ml



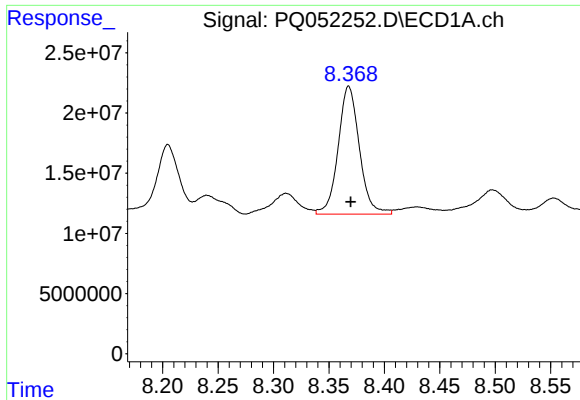
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 203515069
Conc: 120.41 ng/ml



#28 AR-1254-3

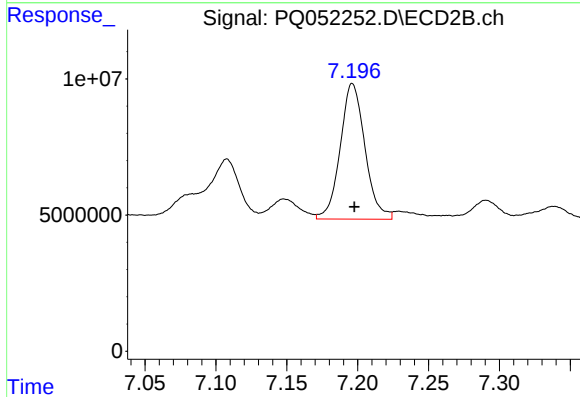
R.T.: 6.959 min
Delta R.T.: -0.001 min
Response: 81885680
Conc: 108.89 ng/ml



#29 AR-1254-4

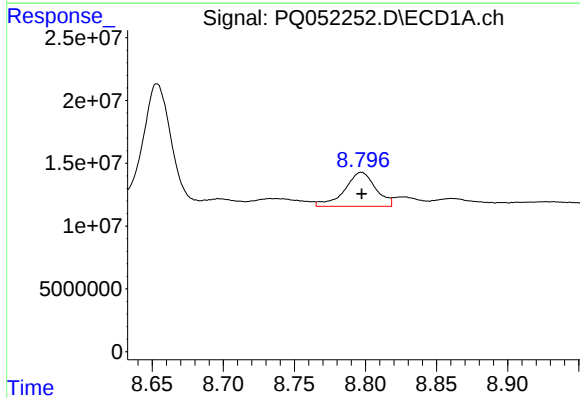
R.T.: 8.368 min
Delta R.T.: -0.002 min
Response: 141671271
Conc: 112.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



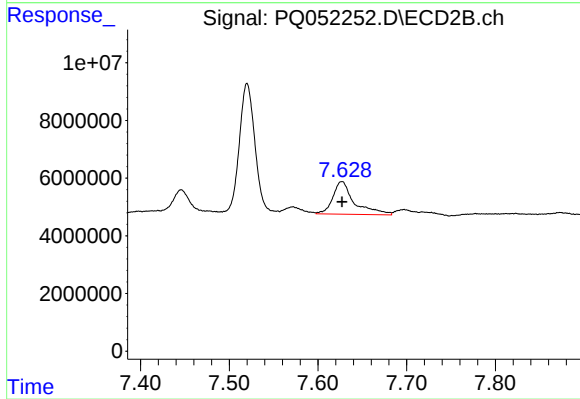
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 60575333
Conc: 120.06 ng/ml



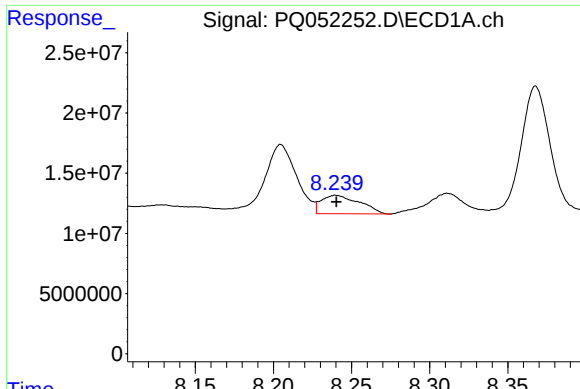
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 41331659
Conc: 30.76 ng/ml



#30 AR-1254-5

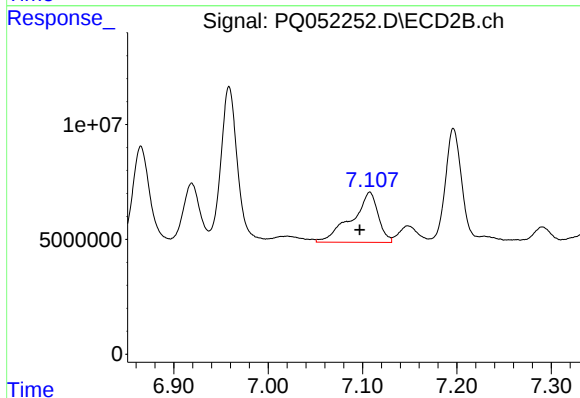
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 19063864
Conc: 28.03 ng/ml



#31 AR-1260-1

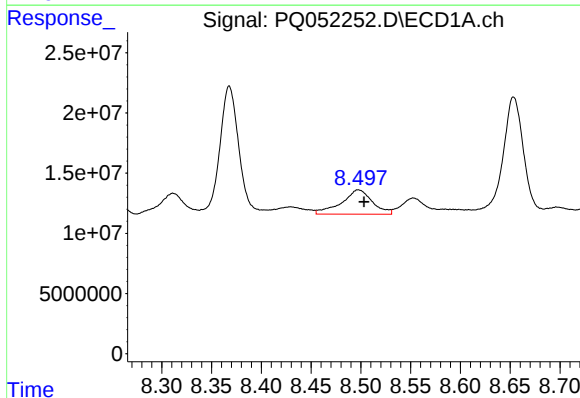
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 26255098
Conc: 26.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



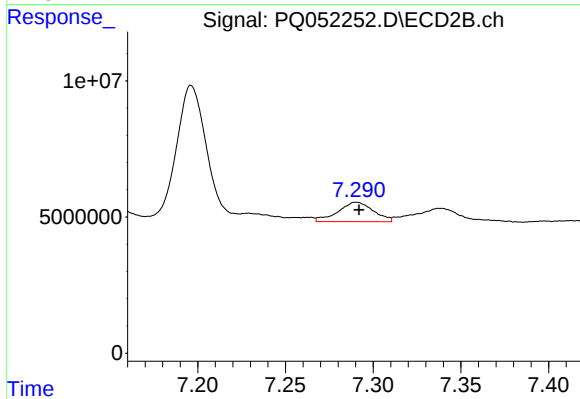
#31 AR-1260-1

R.T.: 7.108 min
Delta R.T.: 0.011 min
Response: 42773735
Conc: 104.43 ng/ml



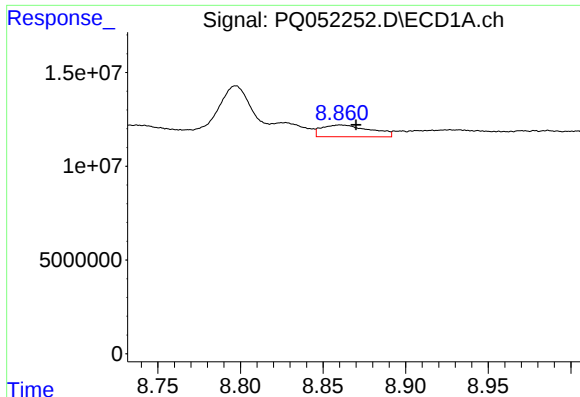
#32 AR-1260-2

R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 43608114
Conc: 35.50 ng/ml



#32 AR-1260-2

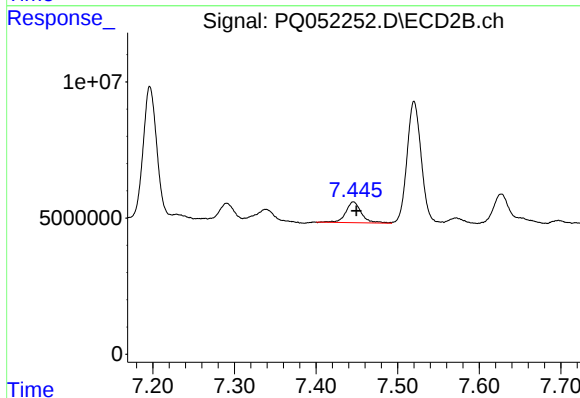
R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 10024146
Conc: 18.88 ng/ml



#33 AR-1260-3

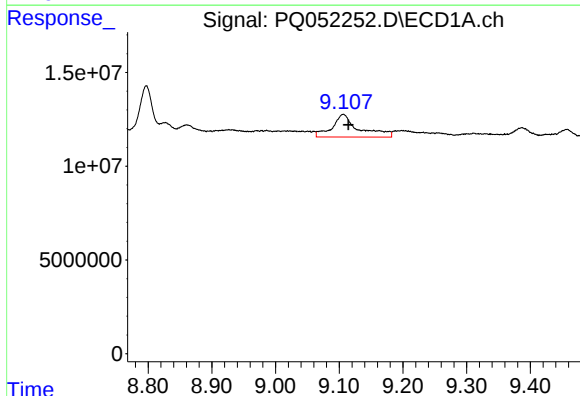
R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 12801278
Conc: 14.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



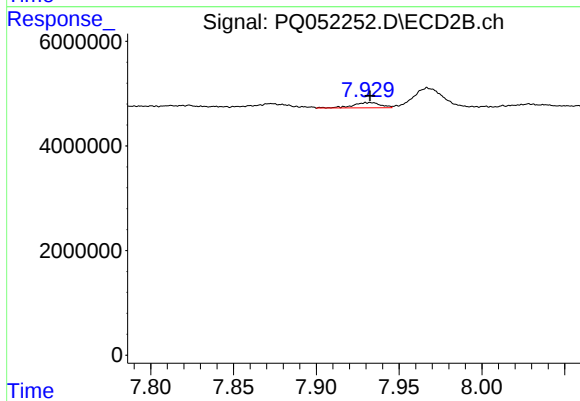
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 10111659
Conc: 21.16 ng/ml



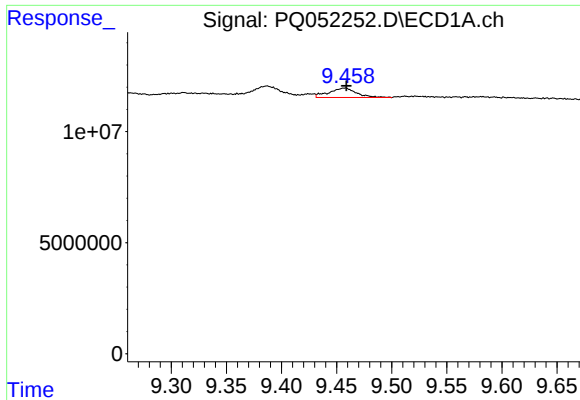
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.008 min
Response: 35107552
Conc: 32.58 ng/ml



#34 AR-1260-4

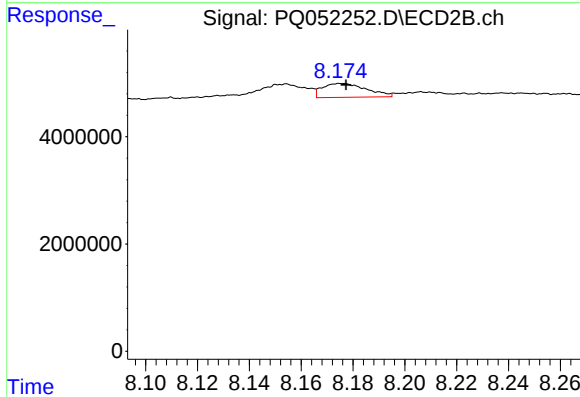
R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 1137535
Conc: 2.81 ng/ml



#35 AR-1260-5

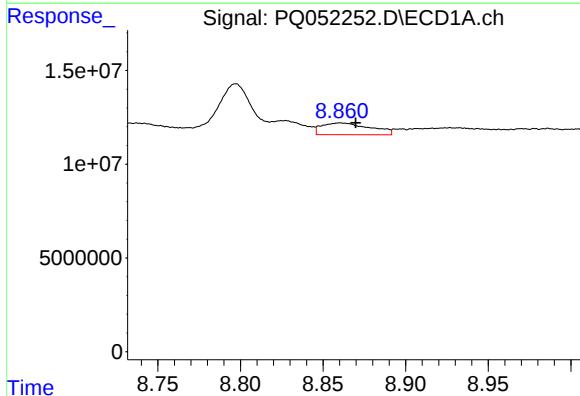
R.T.: 9.457 min
Delta R.T.: -0.001 min
Response: 7422376
Conc: 3.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



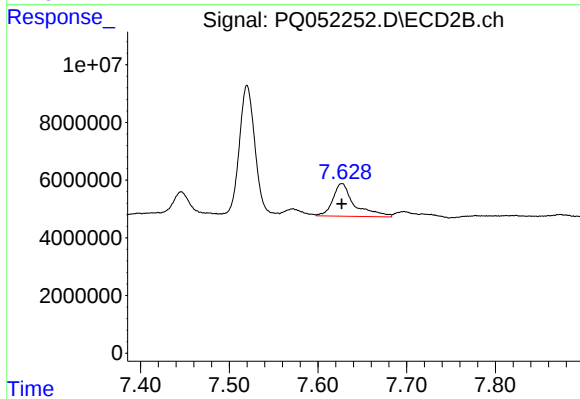
#35 AR-1260-5

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 3079970
Conc: 2.86 ng/ml



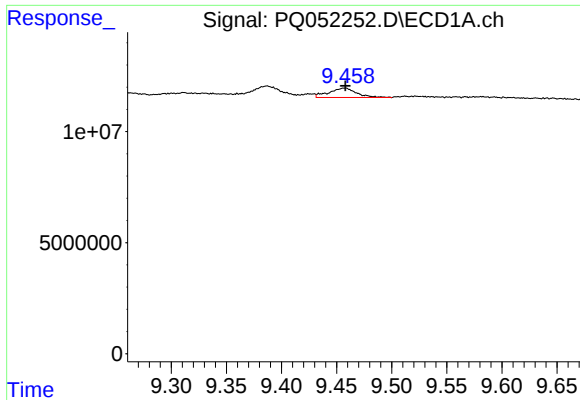
#36 AR-1262-1

R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 12801278
Conc: 8.13 ng/ml



#36 AR-1262-1

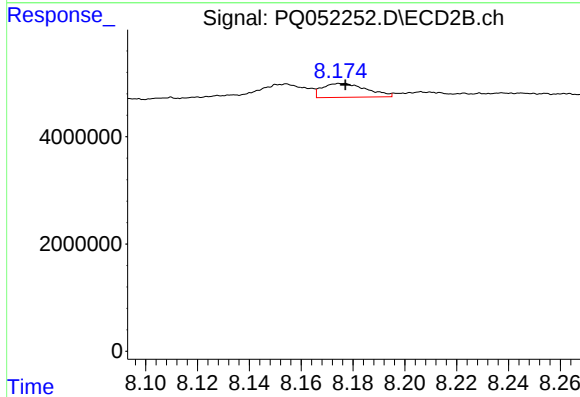
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 19063864
Conc: 55.21 ng/ml



#37 AR-1262-2

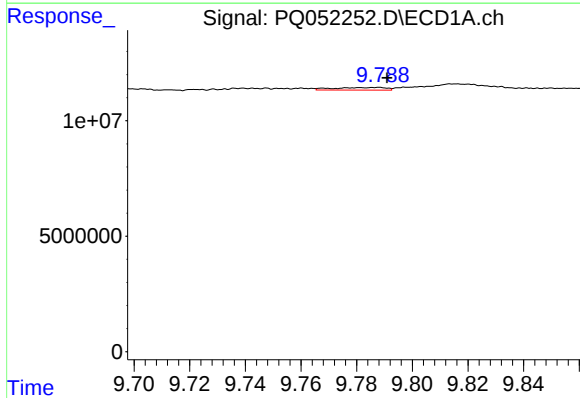
R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 7422376
Conc: 2.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



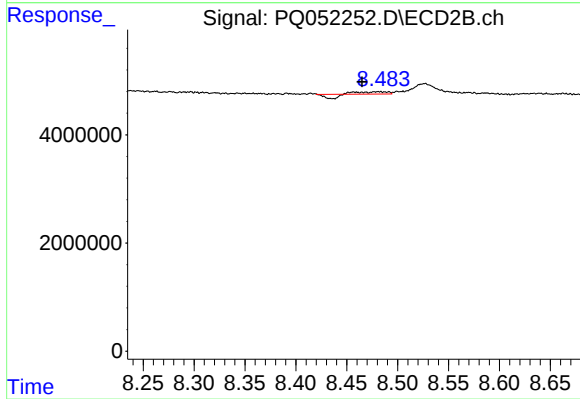
#37 AR-1262-2

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 3079970
Conc: 2.30 ng/ml



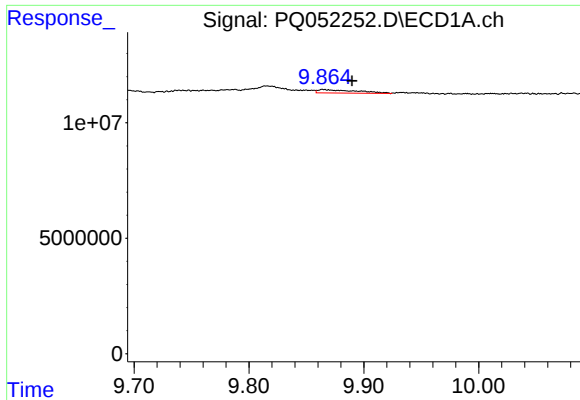
#38 AR-1262-3

R.T.: 9.787 min
Delta R.T.: -0.004 min
Response: 1463260
Conc: 0.74 ng/ml



#38 AR-1262-3

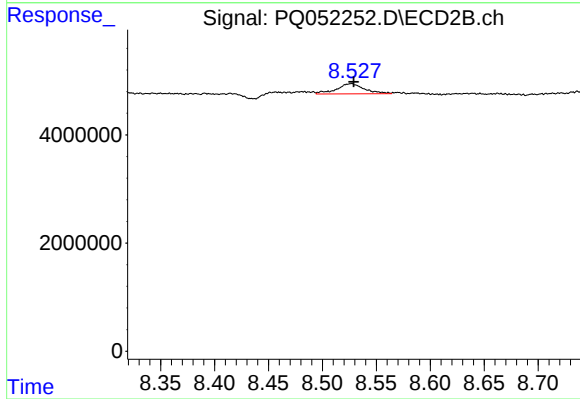
R.T.: 8.482 min
Delta R.T.: 0.016 min
Response: 335937
Conc: 0.64 ng/ml



#39 AR-1262-4

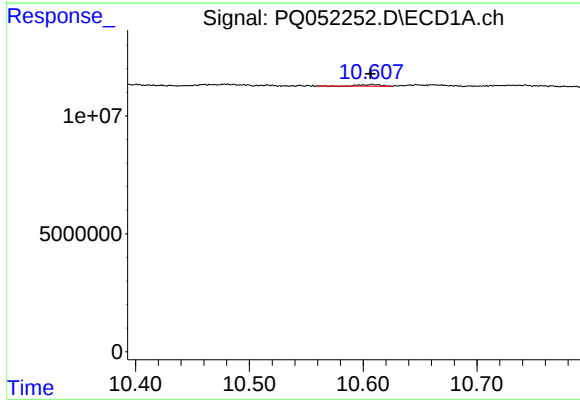
R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 3490998
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



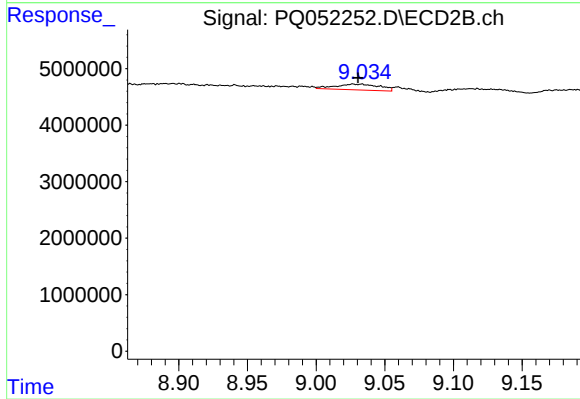
#39 AR-1262-4

R.T.: 8.527 min
Delta R.T.: -0.003 min
Response: 3407108
Conc: 3.49 ng/ml



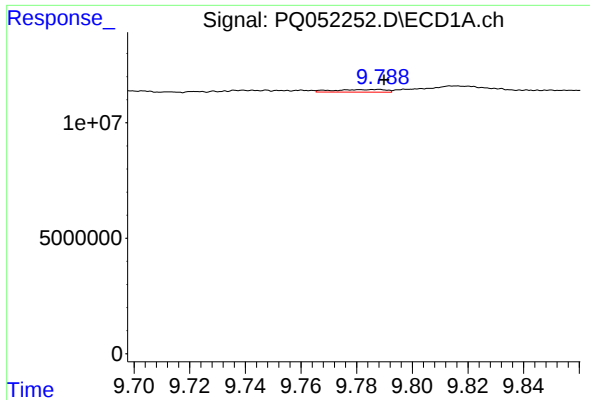
#40 AR-1262-5

R.T.: 10.608 min
Delta R.T.: 0.001 min
Response: 775491
Conc: 0.71 ng/ml



#40 AR-1262-5

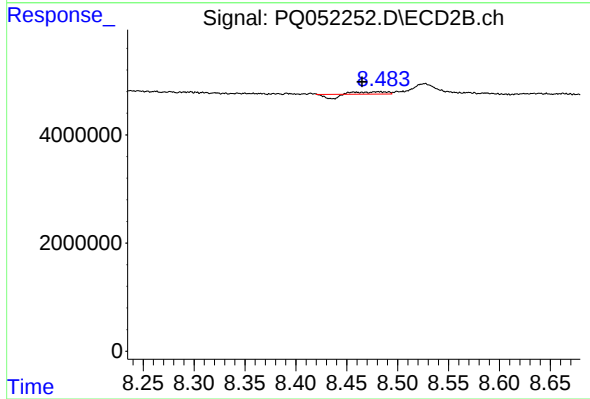
R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 2294237
Conc: 5.06 ng/ml



#41 AR-1268-1

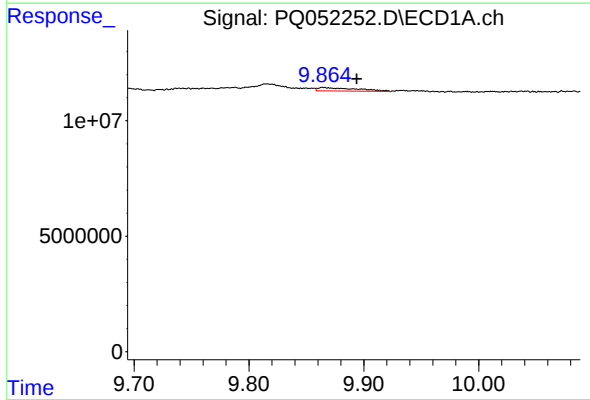
R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 1463260
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



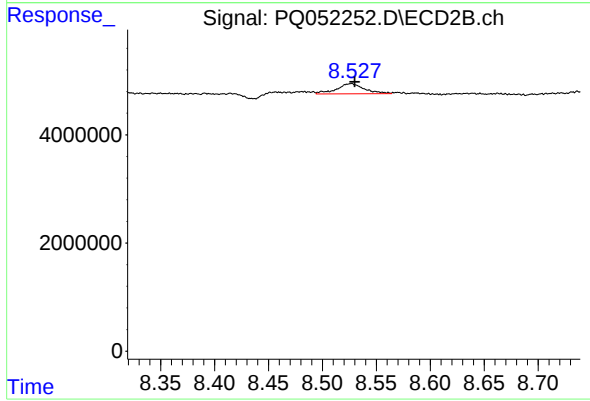
#41 AR-1268-1

R.T.: 8.482 min
Delta R.T.: 0.016 min
Response: 335937
Conc: 0.21 ng/ml



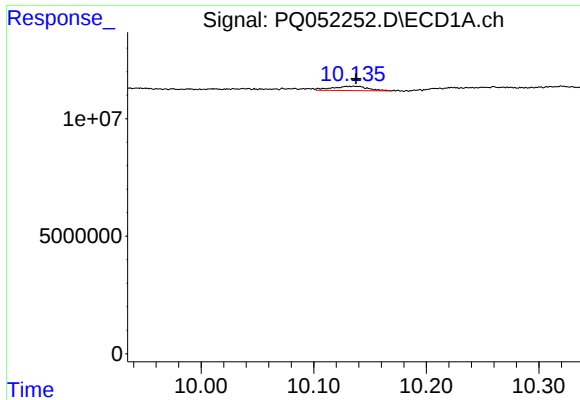
#42 AR-1268-2

R.T.: 9.865 min
Delta R.T.: -0.029 min
Response: 3490998
Conc: 1.06 ng/ml



#42 AR-1268-2

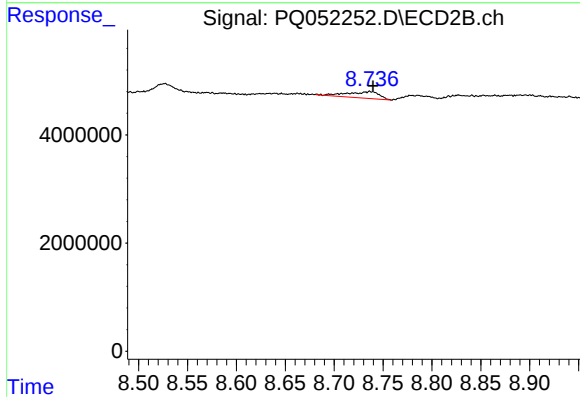
R.T.: 8.527 min
Delta R.T.: -0.003 min
Response: 3407108
Conc: 2.29 ng/ml



#43 AR-1268-3

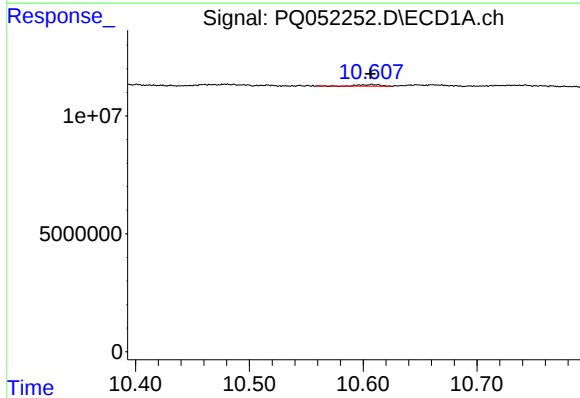
R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 4019195
Conc: 1.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



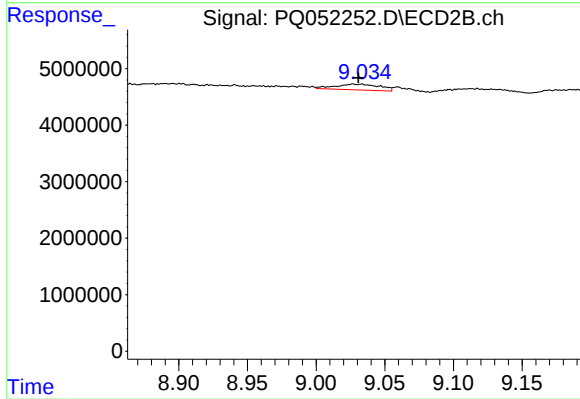
#43 AR-1268-3

R.T.: 8.737 min
Delta R.T.: -0.003 min
Response: 2778337
Conc: 2.22 ng/ml



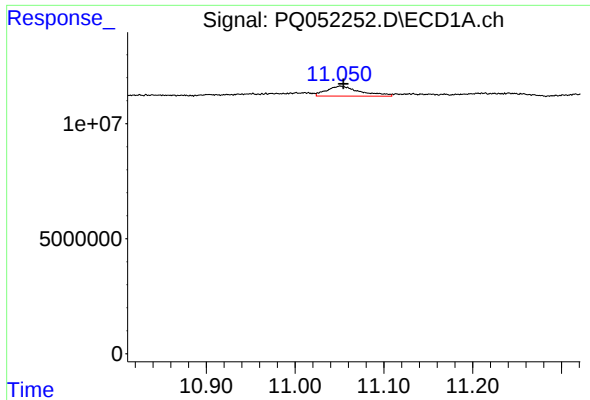
#44 AR-1268-4

R.T.: 10.608 min
Delta R.T.: 0.001 min
Response: 775491
Conc: 0.64 ng/ml



#44 AR-1268-4

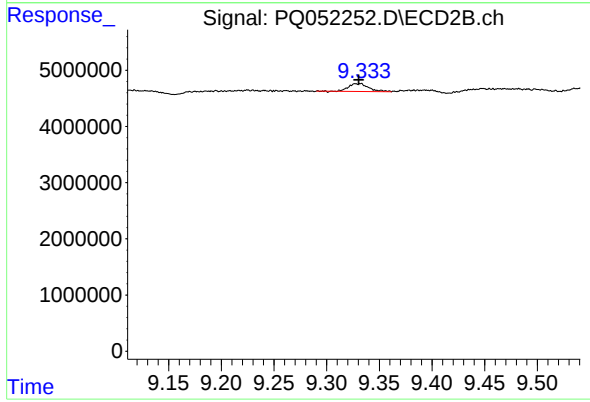
R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 2294237
Conc: 4.39 ng/ml



#45 AR-1268-5

R.T.: 11.051 min
Delta R.T.: -0.004 min
Response: 11361809
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: 0.001 min
Response: 1896846
Conc: 0.47 ng/ml