

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012821\
 Data File : PQ051981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2021 02:10
 Operator : DD\AJ
 Sample : M1239-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 02:54:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 02:22:28 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...	5.240	4.260	334.1E6	114.4E6	14.701	15.704
2)	SA Decachlor...	11.427	9.596	345.3E6	119.9E6	17.519	17.379
Target Compounds							
4)	L1 AR-1016-2	0.000	5.550f	0	3655761	N.D.	9.754 #
5)	L1 AR-1016-3	0.000	5.693f	0	2904601	N.D.	15.081 #
6)	L1 AR-1016-4	6.771f	5.775	3254907	2143583	5.424	13.956 #
7)	L1 AR-1016-5	0.000	6.010	0	1874193	N.D.	9.607 #
8)	L2 AR-1221-1	5.494	0.000	6672511	0	28.069	N.D. #
9)	L2 AR-1221-2	5.595	4.614	6478889	2364827	37.282	41.010
10)	L2 AR-1221-3	5.666	4.705	6184385	4321846	11.144	22.883 #
11)	L3 AR-1232-1	5.666	4.705	6184385	4321846	13.882	28.689 #
12)	L3 AR-1232-2	6.236f	5.550f	1686156	3655761	7.001	23.169 #
13)	L3 AR-1232-3	0.000	5.693f	0	2904601	N.D.	36.411 #
14)	L3 AR-1232-4	6.771f	5.826	3254907	228349	13.650	3.309 #
15)	L3 AR-1232-5	6.854	6.010	2484201	1874193	14.366	24.968 #
17)	L4 AR-1242-2	0.000	5.550f	0	3655761	N.D.	13.258 #
18)	L4 AR-1242-3	0.000	5.693f	0	2904601	N.D.	20.332 #
19)	L4 AR-1242-4	6.771f	5.826	3254907	228349	7.134	1.679 #
20)	L4 AR-1242-5	7.509f	6.388	51641519	3031364	100.719	16.699 #
22)	L5 AR-1248-2	6.854	5.775	2484201	2143583	3.858	10.529 #
23)	L5 AR-1248-3	0.000	5.826	0	228349	N.D.	1.083 #
24)	L5 AR-1248-4	7.509	6.010	51641519	1874193	59.649	7.532 #
25)	L5 AR-1248-5	7.509f	6.419	51641519	1388794	59.403	5.404 #
26)	L6 AR-1254-1	7.455	6.388	18385345	3031364	20.473	7.335 #
27)	L6 AR-1254-2	7.698	6.545	7383163	2339191	5.230	6.580 #
28)	L6 AR-1254-3	8.081	6.966	11371042	4576883	7.412	7.788
29)	L6 AR-1254-4	8.366	7.202	17535973	2150592	16.552	6.276 #
30)	L6 AR-1254-5	8.799	7.632	46508007	12288951	39.319	24.500 #
31)	L7 AR-1260-1	8.246	7.106	9213424	7496335	8.676	20.335 #
32)	L7 AR-1260-2	8.510	7.297	54427610	7117494	43.015	15.517 #
33)	L7 AR-1260-3	8.874	7.453	12660850	2992578	13.137	7.063 #
34)	L7 AR-1260-4	9.103	7.946	62200969	16002385	56.075	44.689
35)	L7 AR-1260-5	9.464	8.181	27672295	9124198	12.797	10.620
36)	L8 AR-1262-1	8.874	7.632	12660850	12288951	8.916	48.163 #
37)	L8 AR-1262-2	9.464	8.181	27672295	9124198	10.994	9.547
38)	L8 AR-1262-3	9.793	8.469	20249299	4388477	18.572	11.797 #
39)	L8 AR-1262-4	9.894	8.531	25823151	7622217	41.125	11.101 #
40)	L8 AR-1262-5	10.613	9.033	8702846	4162169	10.502	14.340 #
41)	L9 AR-1268-1	9.793	8.469	20249299	4388477	6.689	3.696 #
42)	L9 AR-1268-2	9.894	8.531	25823151	7622217	9.329	6.953 #
43)	L9 AR-1268-3	10.141	8.745	6173751	3684729	2.570	3.841 #
44)	L9 AR-1268-4	10.613	9.033	8702846	4162169	9.355	12.130 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 02:22:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation

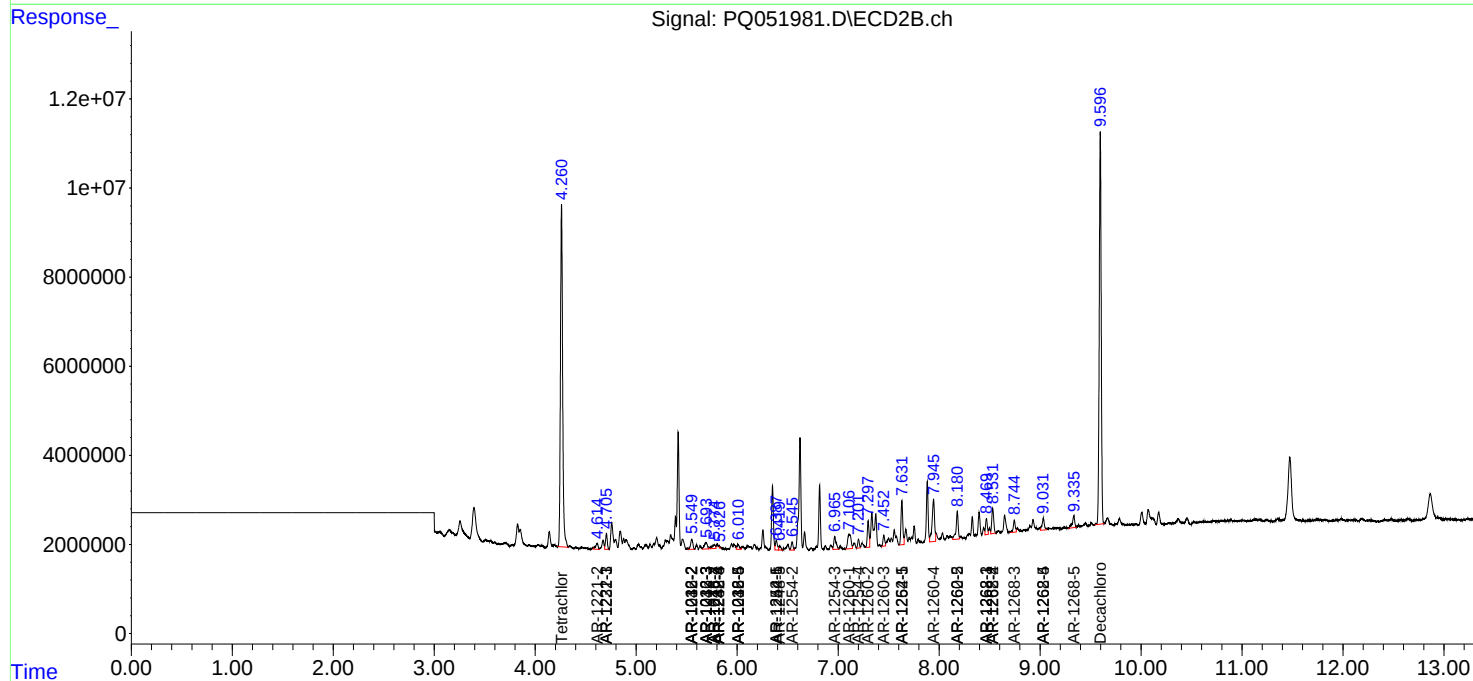
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

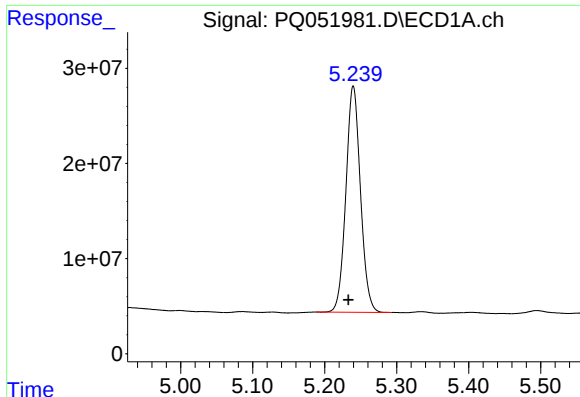
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.060	9.335	12594306	4601776	1.663	1.636

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

Instrument :
ECD_Q
ClientSampleId :

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

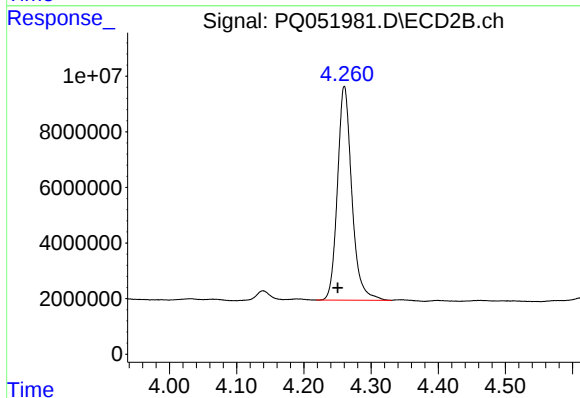




#1 Tetrachloro-m-xylene

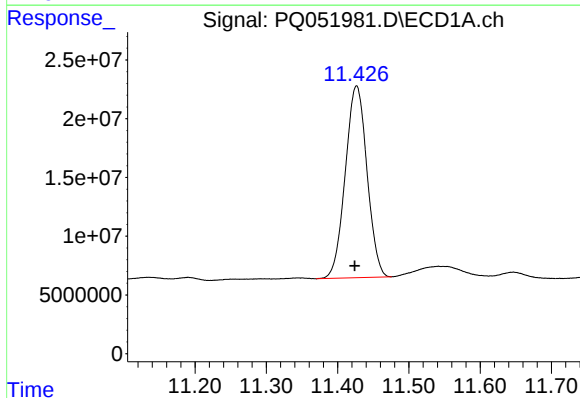
R.T.: 5.240 min
Delta R.T.: 0.007 min
Response: 334110151
Conc: 14.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



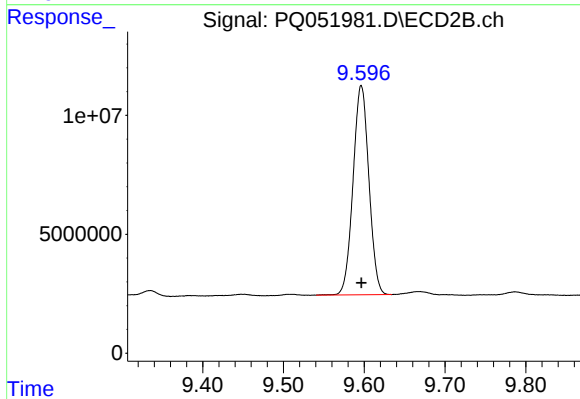
#1 Tetrachloro-m-xylene

R.T.: 4.260 min
Delta R.T.: 0.010 min
Response: 114381102
Conc: 15.70 ng/ml



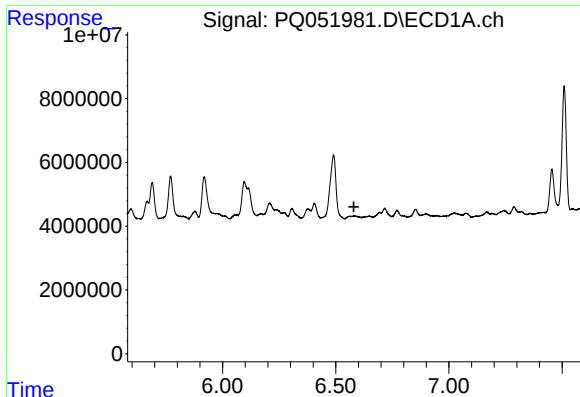
#2 Decachlorobiphenyl

R.T.: 11.427 min
Delta R.T.: 0.003 min
Response: 345299580
Conc: 17.52 ng/ml



#2 Decachlorobiphenyl

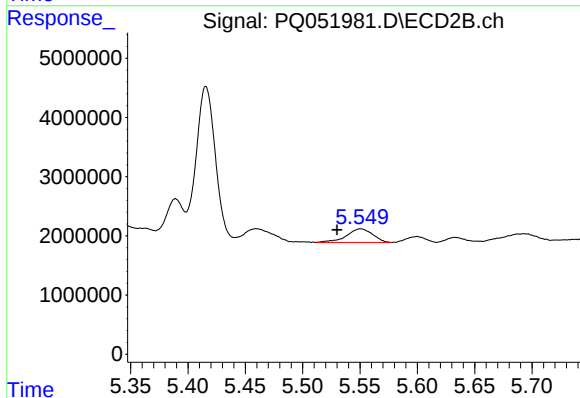
R.T.: 9.596 min
Delta R.T.: 0.000 min
Response: 119855668
Conc: 17.38 ng/ml



#4 AR-1016-2

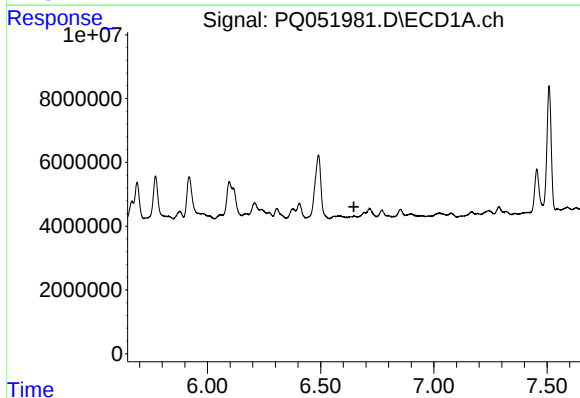
R.T.: 0.000 min
Exp R.T.: 6.580 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



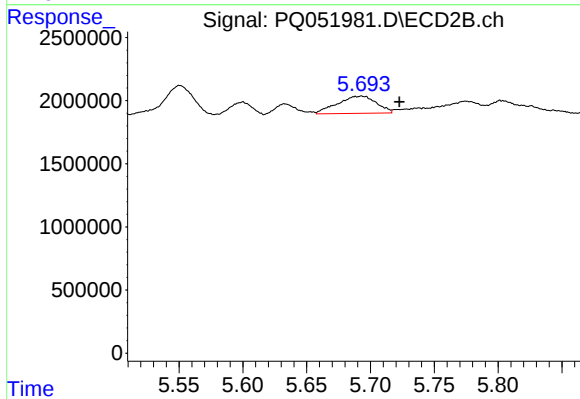
#4 AR-1016-2

R.T.: 5.550 min
Delta R.T.: 0.021 min
Response: 3655761
Conc: 9.75 ng/ml



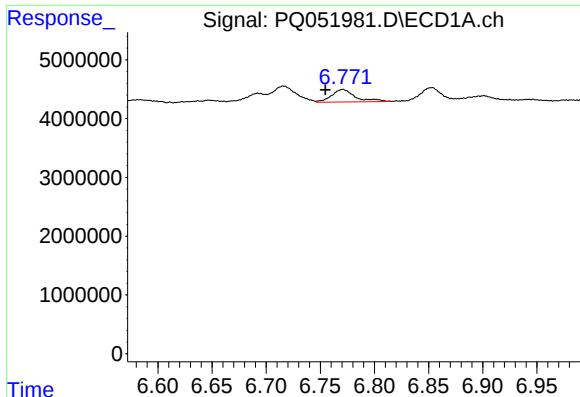
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 6.647 min
Response: 0
Conc: N.D.



#5 AR-1016-3

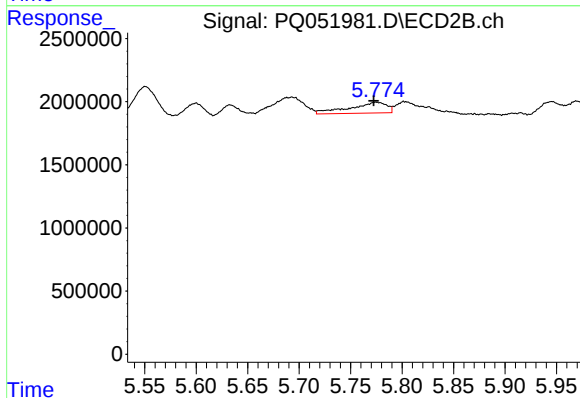
R.T.: 5.693 min
Delta R.T.: -0.030 min
Response: 2904601
Conc: 15.08 ng/ml



#6 AR-1016-4

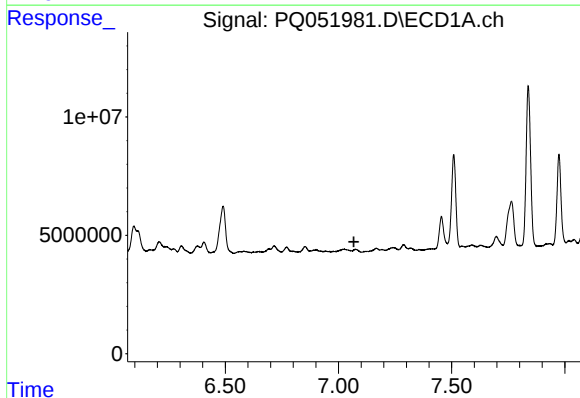
R.T.: 6.771 min
Delta R.T.: 0.016 min
Response: 3254907
Conc: 5.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



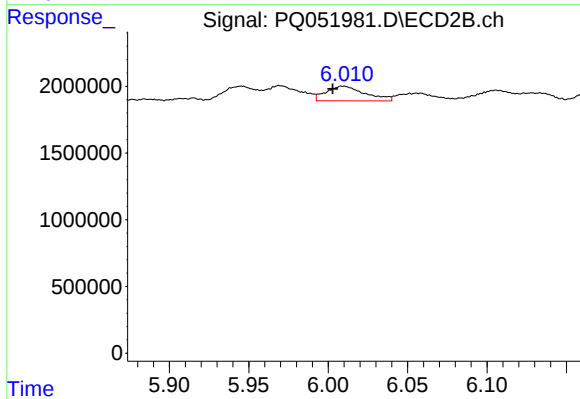
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 2143583
Conc: 13.96 ng/ml



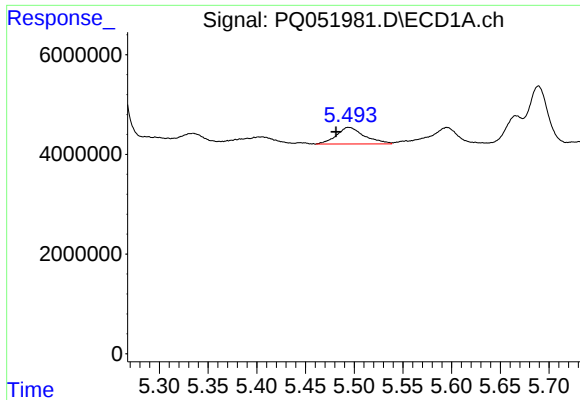
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 7.068 min
Response: 0
Conc: N.D.



#7 AR-1016-5

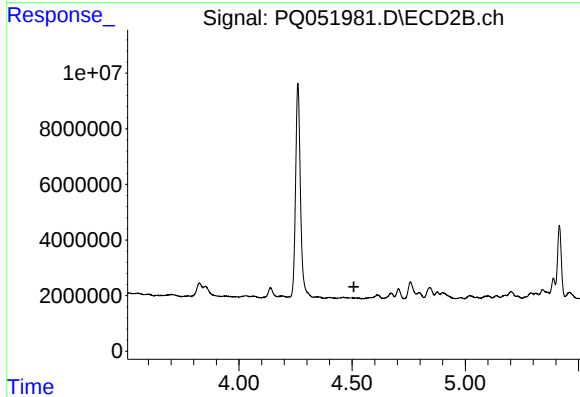
R.T.: 6.010 min
Delta R.T.: 0.007 min
Response: 1874193
Conc: 9.61 ng/ml



#8 AR-1221-1

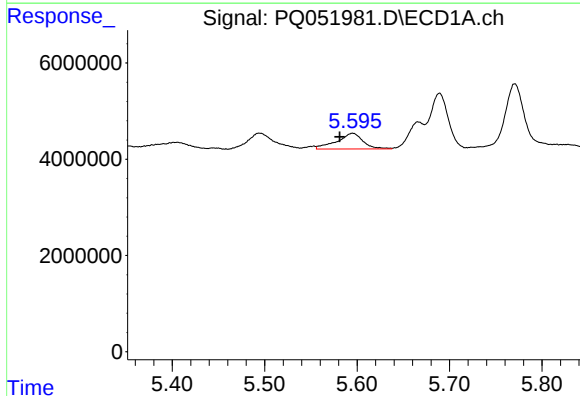
R.T.: 5.494 min
Delta R.T.: 0.013 min
Response: 6672511
Conc: 28.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



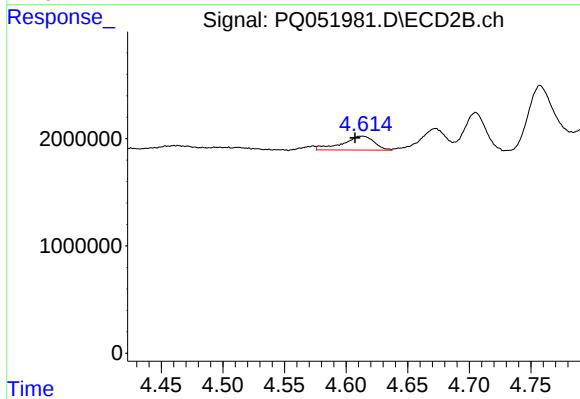
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.508 min
Response: 0
Conc: N.D.



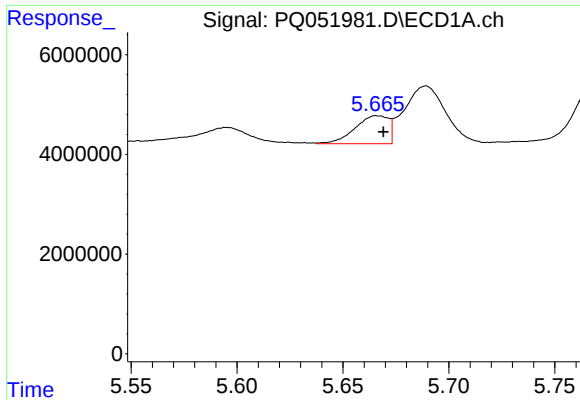
#9 AR-1221-2

R.T.: 5.595 min
Delta R.T.: 0.014 min
Response: 6478889
Conc: 37.28 ng/ml



#9 AR-1221-2

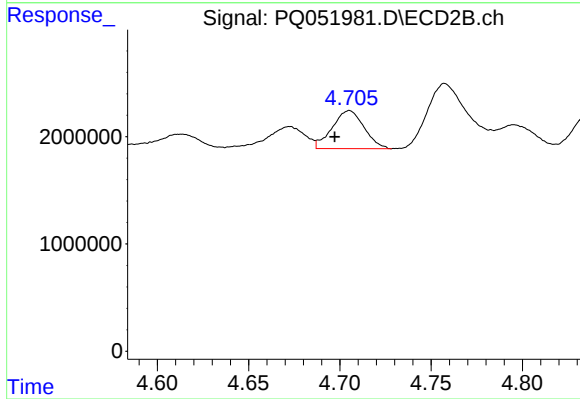
R.T.: 4.614 min
Delta R.T.: 0.006 min
Response: 2364827
Conc: 41.01 ng/ml



#10 AR-1221-3

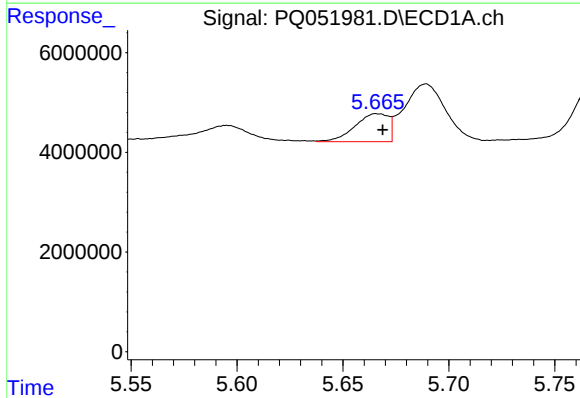
R.T.: 5.666 min
Delta R.T.: -0.004 min
Response: 6184385
Conc: 11.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



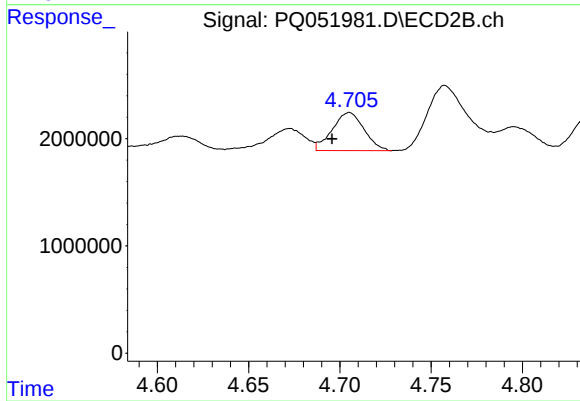
#10 AR-1221-3

R.T.: 4.705 min
Delta R.T.: 0.008 min
Response: 4321846
Conc: 22.88 ng/ml



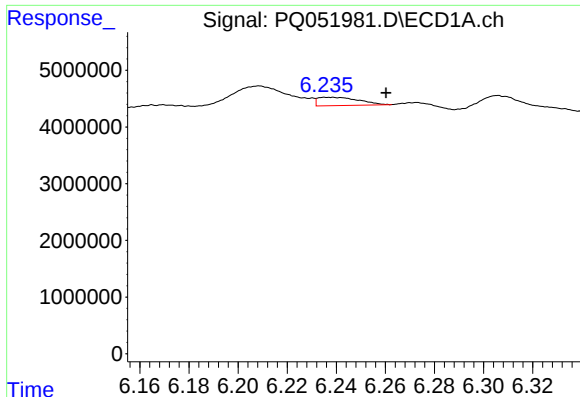
#11 AR-1232-1

R.T.: 5.666 min
Delta R.T.: -0.003 min
Response: 6184385
Conc: 13.88 ng/ml



#11 AR-1232-1

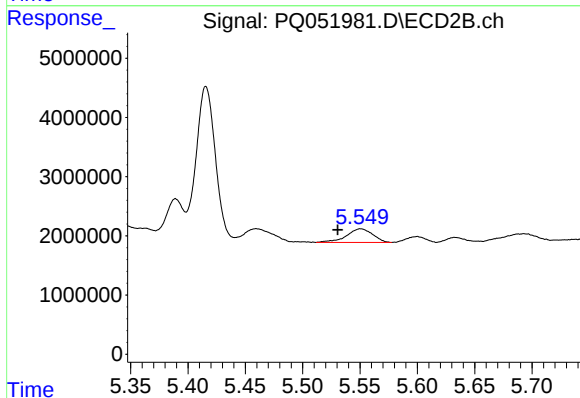
R.T.: 4.705 min
Delta R.T.: 0.010 min
Response: 4321846
Conc: 28.69 ng/ml



#12 AR-1232-2

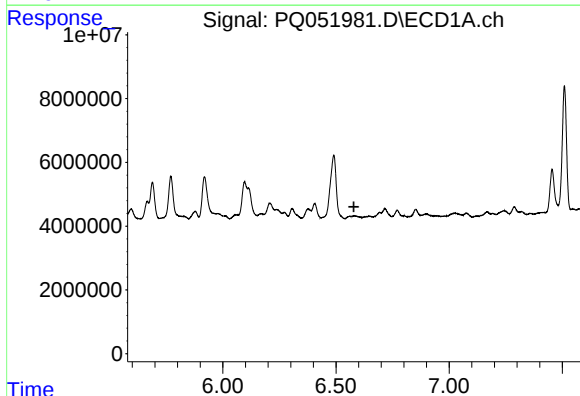
R.T.: 6.236 min
Delta R.T.: -0.025 min
Response: 1686156
Conc: 7.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



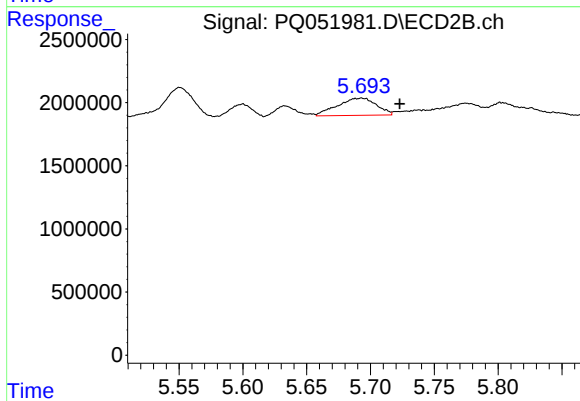
#12 AR-1232-2

R.T.: 5.550 min
Delta R.T.: 0.020 min
Response: 3655761
Conc: 23.17 ng/ml



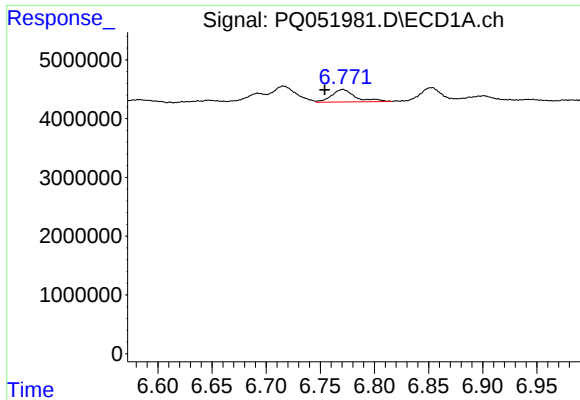
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



#13 AR-1232-3

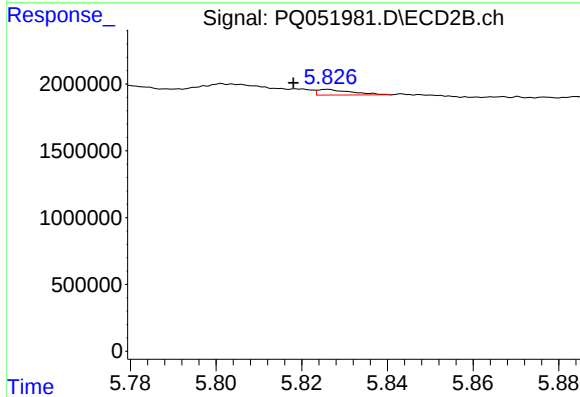
R.T.: 5.693 min
Delta R.T.: -0.030 min
Response: 2904601
Conc: 36.41 ng/ml



#14 AR-1232-4

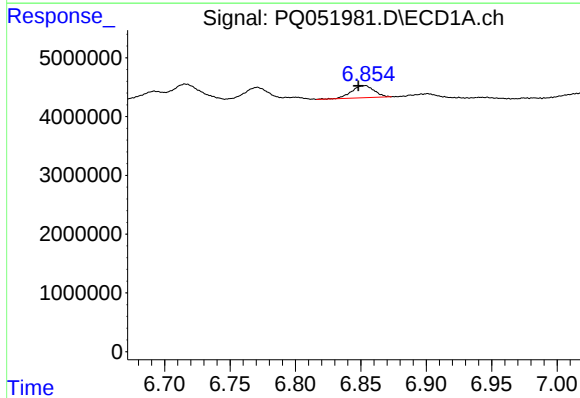
R.T.: 6.771 min
Delta R.T.: 0.017 min
Response: 3254907
Conc: 13.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



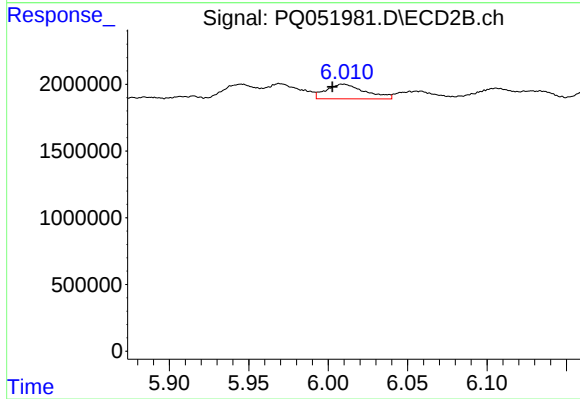
#14 AR-1232-4

R.T.: 5.826 min
Delta R.T.: 0.008 min
Response: 228349
Conc: 3.31 ng/ml



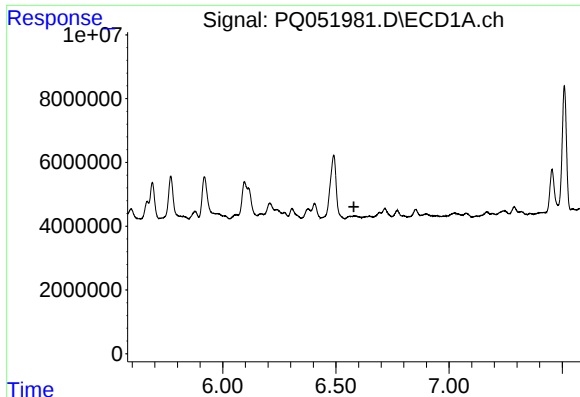
#15 AR-1232-5

R.T.: 6.854 min
Delta R.T.: 0.005 min
Response: 2484201
Conc: 14.37 ng/ml



#15 AR-1232-5

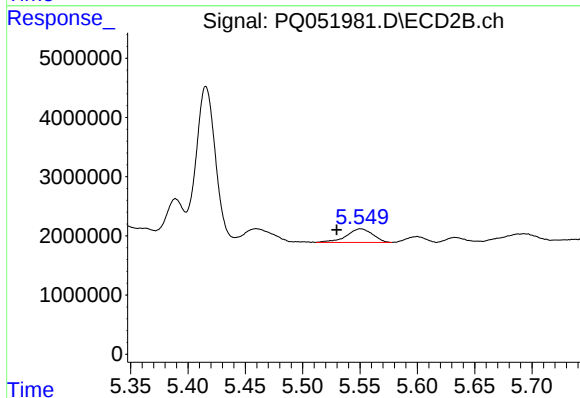
R.T.: 6.010 min
Delta R.T.: 0.007 min
Response: 1874193
Conc: 24.97 ng/ml



#17 AR-1242-2

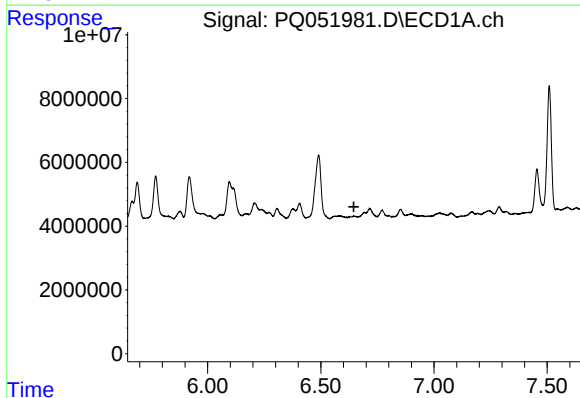
R.T.: 0.000 min
Exp R.T.: 6.579 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



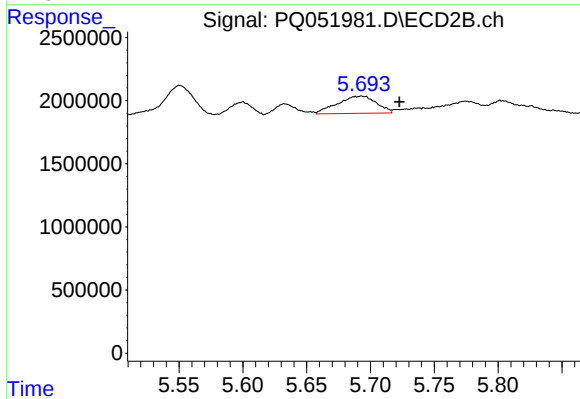
#17 AR-1242-2

R.T.: 5.550 min
Delta R.T.: 0.021 min
Response: 3655761
Conc: 13.26 ng/ml



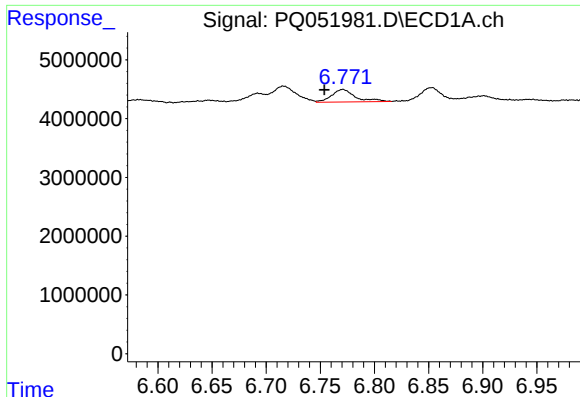
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.646 min
Response: 0
Conc: N.D.



#18 AR-1242-3

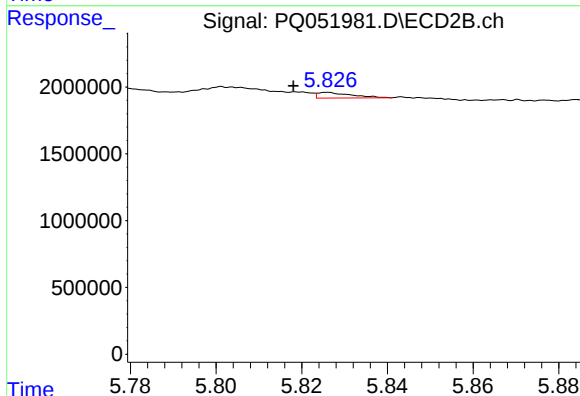
R.T.: 5.693 min
Delta R.T.: -0.030 min
Response: 2904601
Conc: 20.33 ng/ml



#19 AR-1242-4

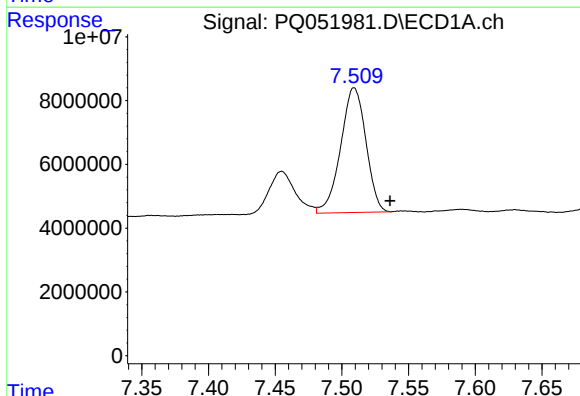
R.T.: 6.771 min
Delta R.T.: 0.017 min
Response: 3254907
Conc: 7.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



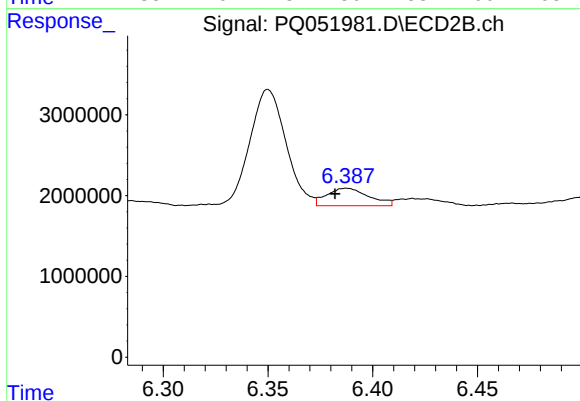
#19 AR-1242-4

R.T.: 5.826 min
Delta R.T.: 0.008 min
Response: 228349
Conc: 1.68 ng/ml



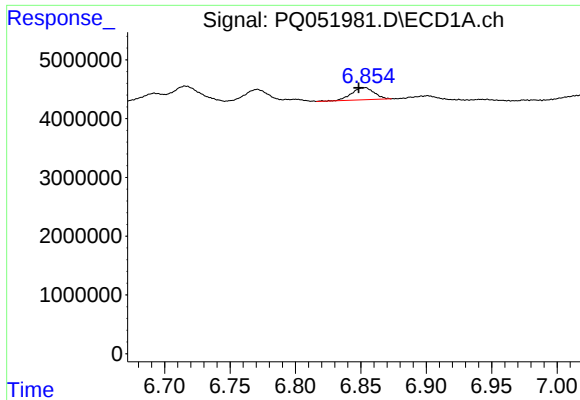
#20 AR-1242-5

R.T.: 7.509 min
Delta R.T.: -0.027 min
Response: 51641519
Conc: 100.72 ng/ml



#20 AR-1242-5

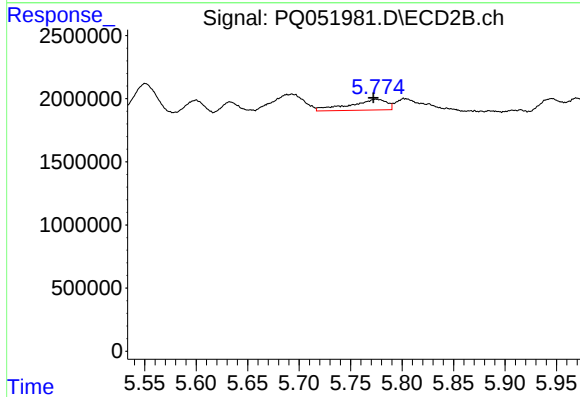
R.T.: 6.388 min
Delta R.T.: 0.006 min
Response: 3031364
Conc: 16.70 ng/ml



#22 AR-1248-2

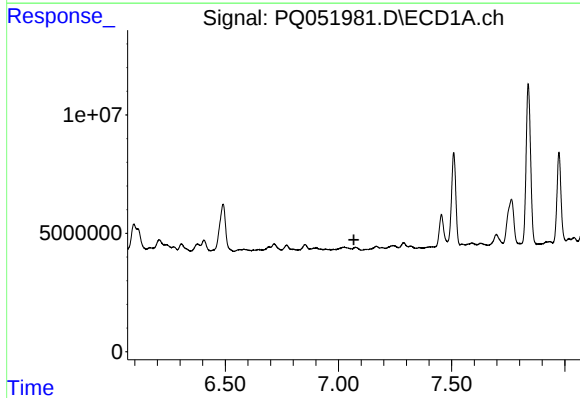
R.T.: 6.854 min
Delta R.T.: 0.005 min
Response: 2484201
Conc: 3.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



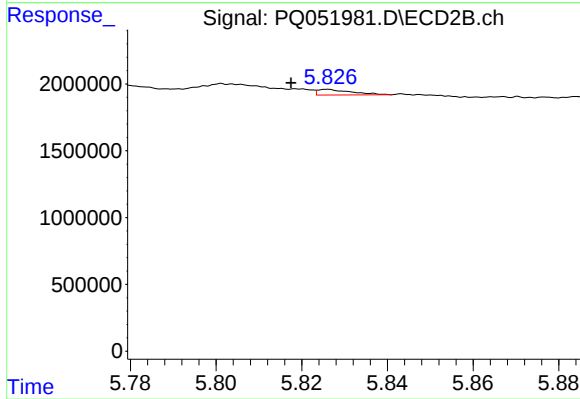
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 2143583
Conc: 10.53 ng/ml



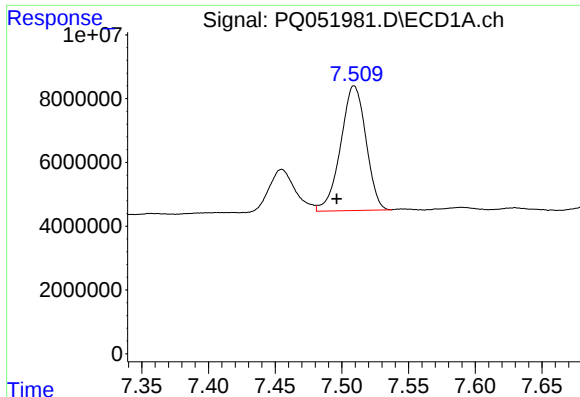
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.068 min
Response: 0
Conc: N.D.



#23 AR-1248-3

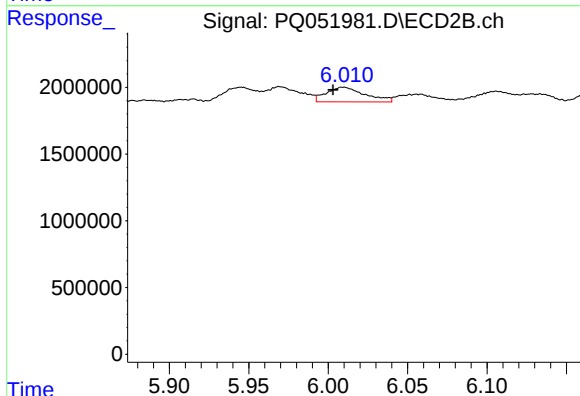
R.T.: 5.826 min
Delta R.T.: 0.009 min
Response: 228349
Conc: 1.08 ng/ml



#24 AR-1248-4

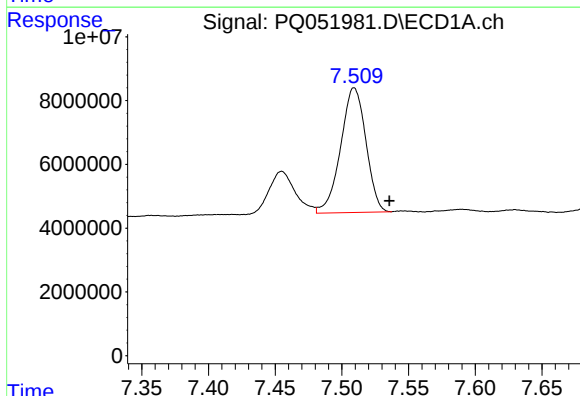
R.T.: 7.509 min
Delta R.T.: 0.013 min
Response: 51641519
Conc: 59.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



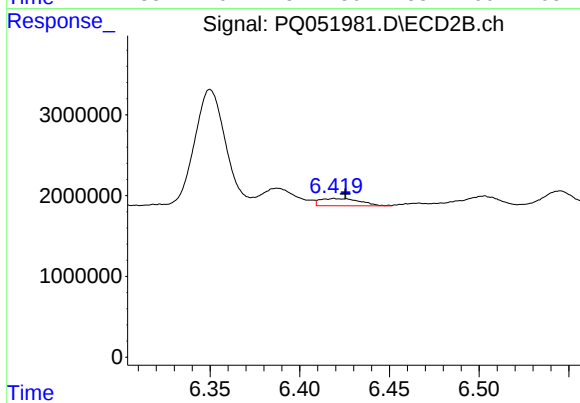
#24 AR-1248-4

R.T.: 6.010 min
Delta R.T.: 0.007 min
Response: 1874193
Conc: 7.53 ng/ml



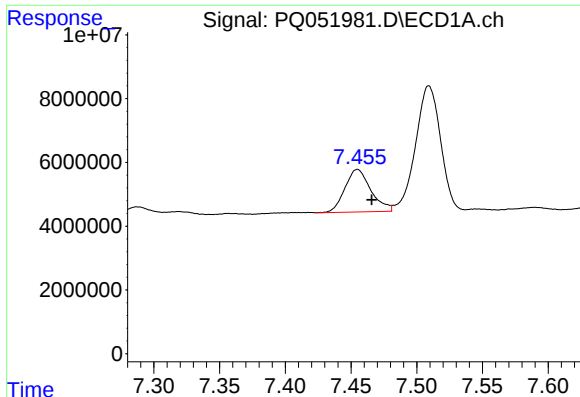
#25 AR-1248-5

R.T.: 7.509 min
Delta R.T.: -0.027 min
Response: 51641519
Conc: 59.40 ng/ml



#25 AR-1248-5

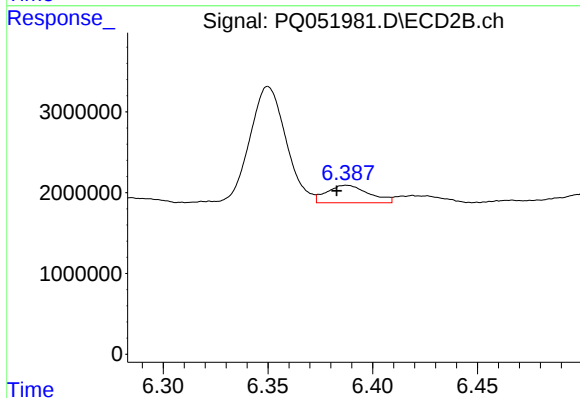
R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 1388794
Conc: 5.40 ng/ml



#26 AR-1254-1

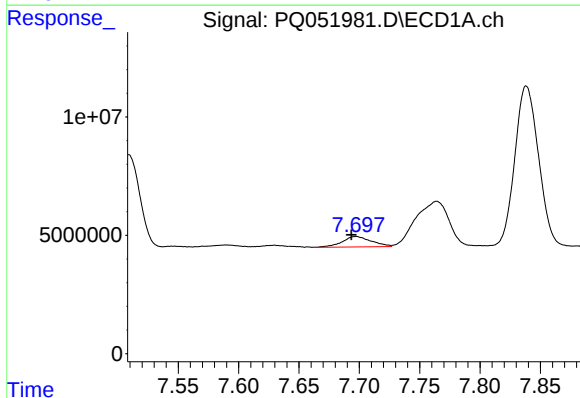
R.T.: 7.455 min
Delta R.T.: -0.011 min
Response: 18385345
Conc: 20.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



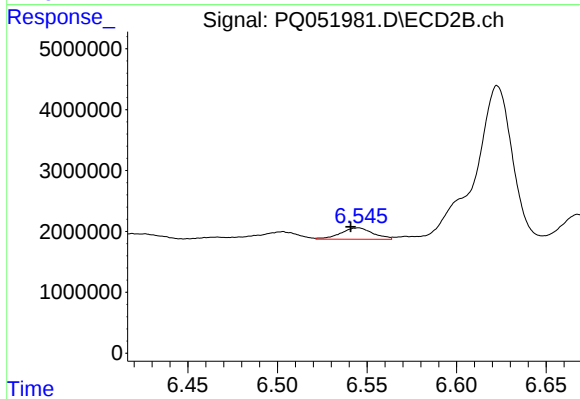
#26 AR-1254-1

R.T.: 6.388 min
Delta R.T.: 0.005 min
Response: 3031364
Conc: 7.33 ng/ml



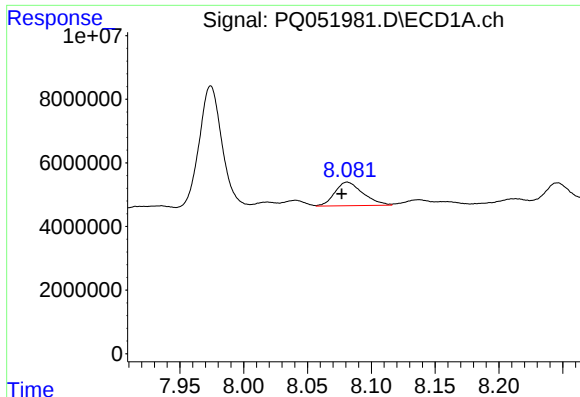
#27 AR-1254-2

R.T.: 7.698 min
Delta R.T.: 0.004 min
Response: 7383163
Conc: 5.23 ng/ml



#27 AR-1254-2

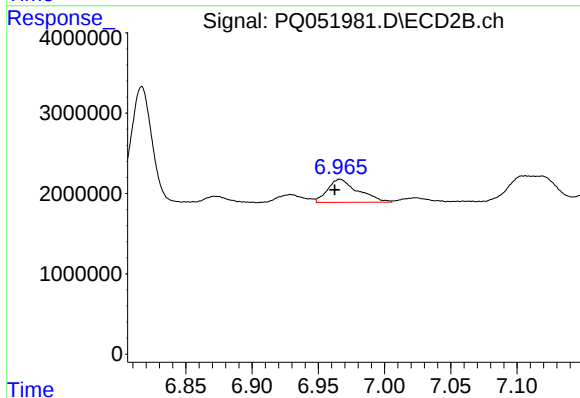
R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 2339191
Conc: 6.58 ng/ml



#28 AR-1254-3

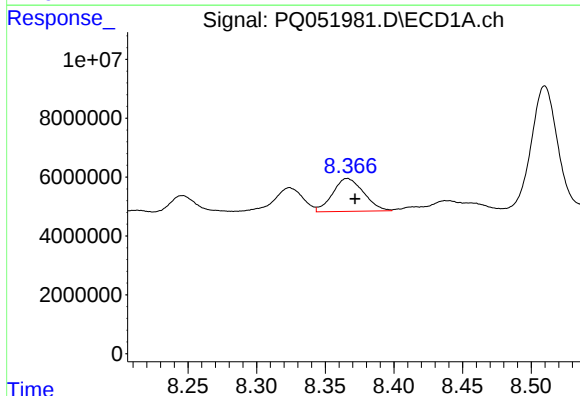
R.T.: 8.081 min
Delta R.T.: 0.004 min
Response: 11371042
Conc: 7.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



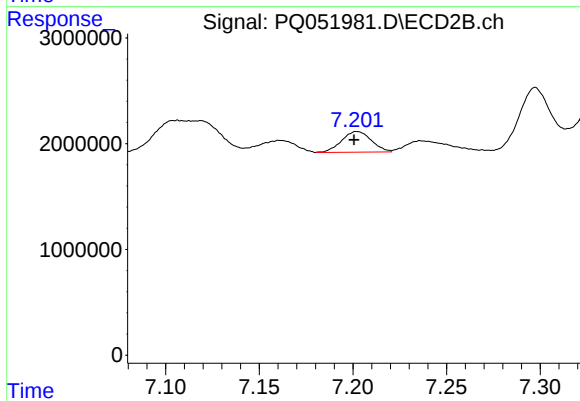
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 4576883
Conc: 7.79 ng/ml



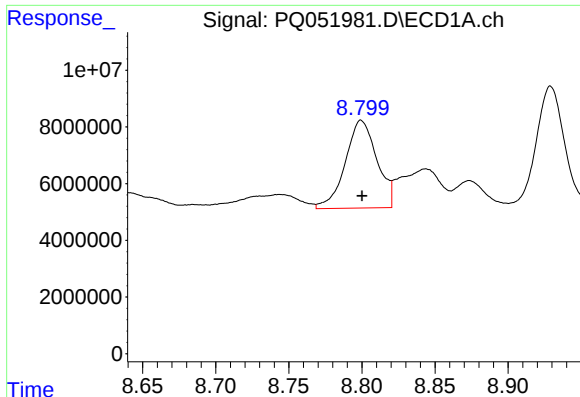
#29 AR-1254-4

R.T.: 8.366 min
Delta R.T.: -0.005 min
Response: 17535973
Conc: 16.55 ng/ml



#29 AR-1254-4

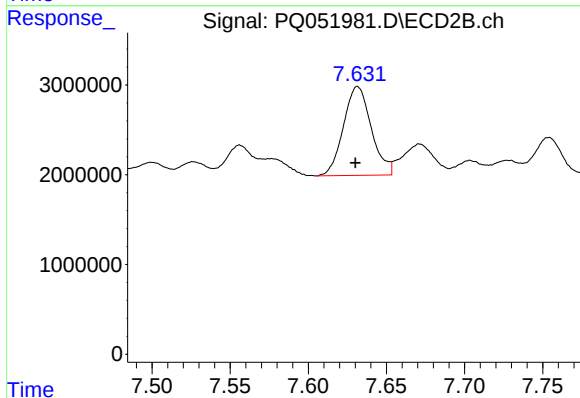
R.T.: 7.202 min
Delta R.T.: 0.001 min
Response: 2150592
Conc: 6.28 ng/ml



#30 AR-1254-5

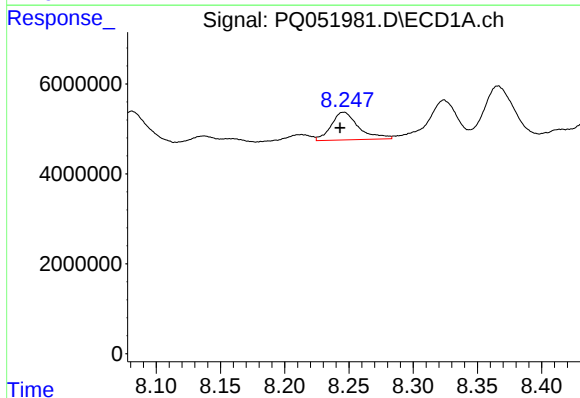
R.T.: 8.799 min
Delta R.T.: 0.000 min
Response: 46508007
Conc: 39.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



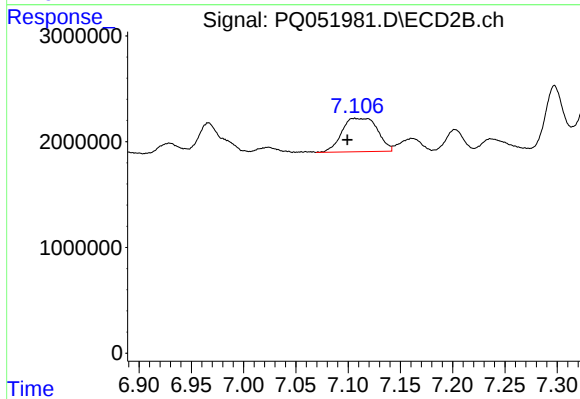
#30 AR-1254-5

R.T.: 7.632 min
Delta R.T.: 0.001 min
Response: 12288951
Conc: 24.50 ng/ml



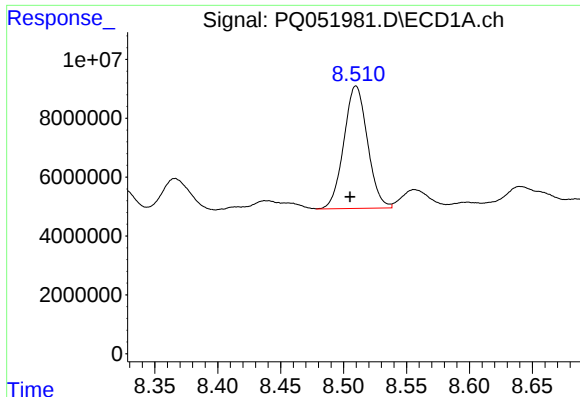
#31 AR-1260-1

R.T.: 8.246 min
Delta R.T.: 0.003 min
Response: 9213424
Conc: 8.68 ng/ml



#31 AR-1260-1

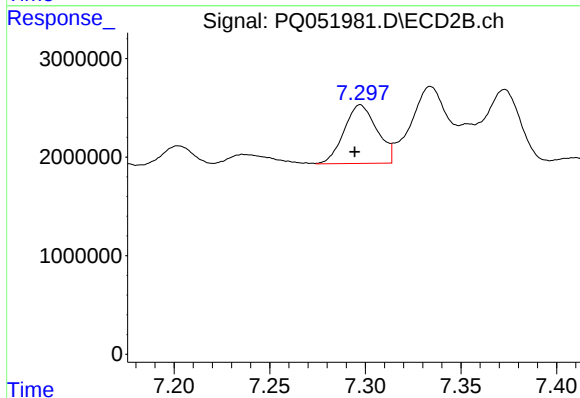
R.T.: 7.106 min
Delta R.T.: 0.007 min
Response: 7496335
Conc: 20.34 ng/ml



#32 AR-1260-2

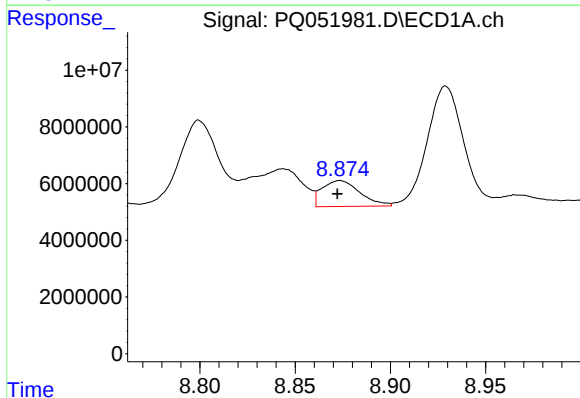
R.T.: 8.510 min
Delta R.T.: 0.005 min
Response: 54427610
Conc: 43.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



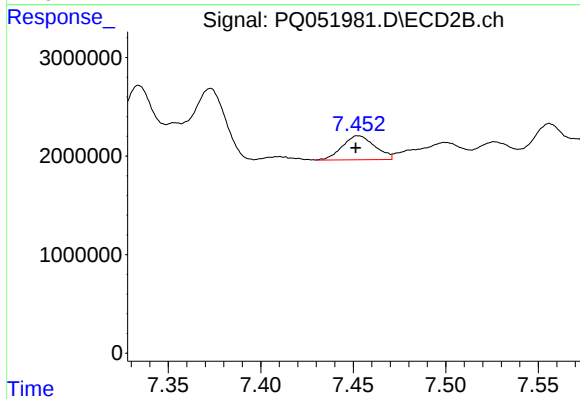
#32 AR-1260-2

R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 7117494
Conc: 15.52 ng/ml



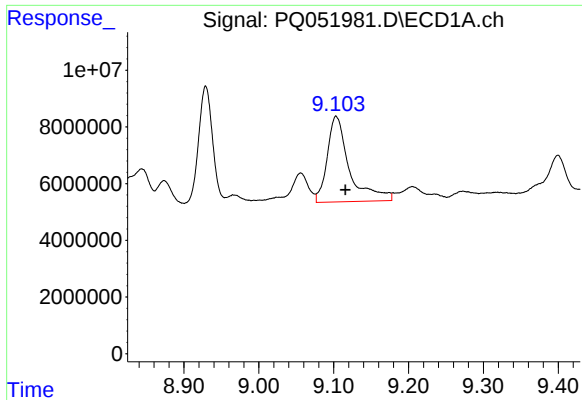
#33 AR-1260-3

R.T.: 8.874 min
Delta R.T.: 0.001 min
Response: 12660850
Conc: 13.14 ng/ml



#33 AR-1260-3

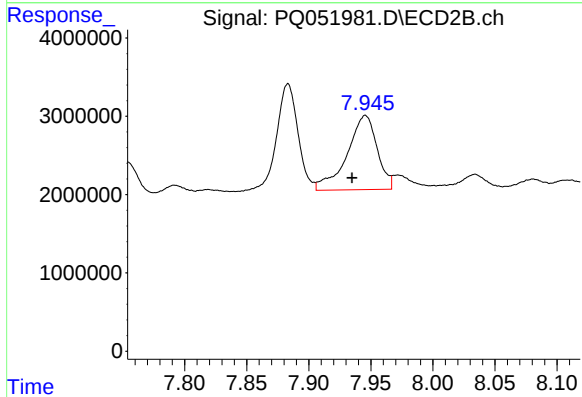
R.T.: 7.453 min
Delta R.T.: 0.002 min
Response: 2992578
Conc: 7.06 ng/ml



#34 AR-1260-4

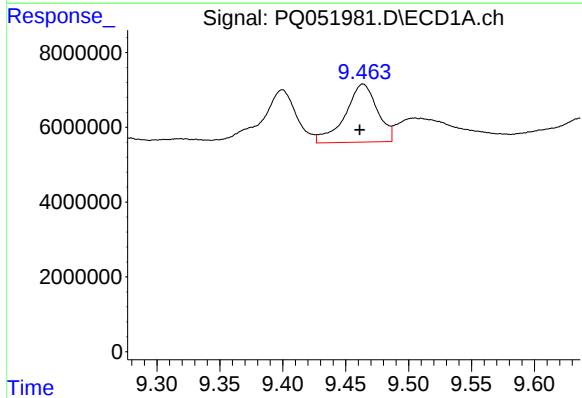
R.T.: 9.103 min
Delta R.T.: -0.012 min
Response: 62200969
Conc: 56.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



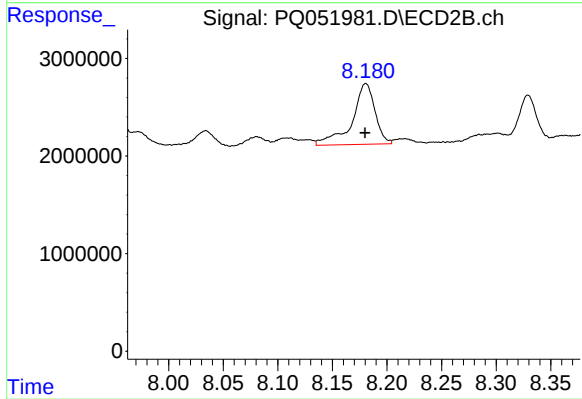
#34 AR-1260-4

R.T.: 7.946 min
Delta R.T.: 0.011 min
Response: 16002385
Conc: 44.69 ng/ml



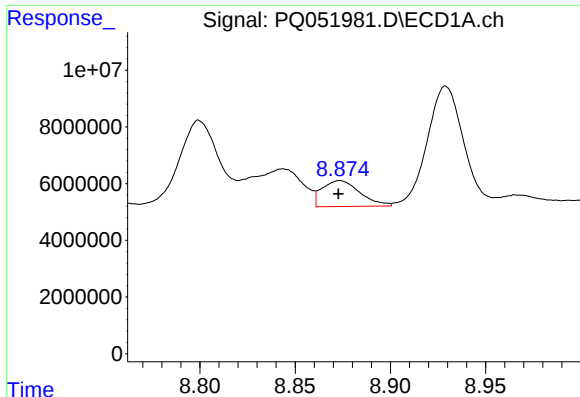
#35 AR-1260-5

R.T.: 9.464 min
Delta R.T.: 0.002 min
Response: 27672295
Conc: 12.80 ng/ml



#35 AR-1260-5

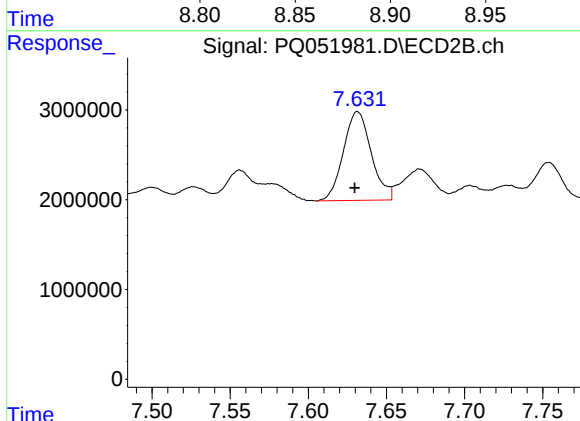
R.T.: 8.181 min
Delta R.T.: 0.000 min
Response: 9124198
Conc: 10.62 ng/ml



#36 AR-1262-1

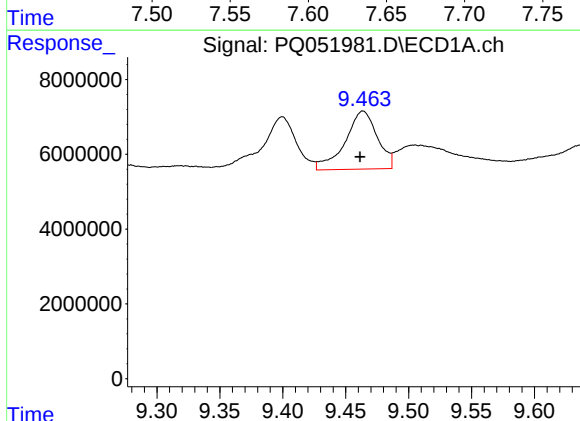
R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 12660850
Conc: 8.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



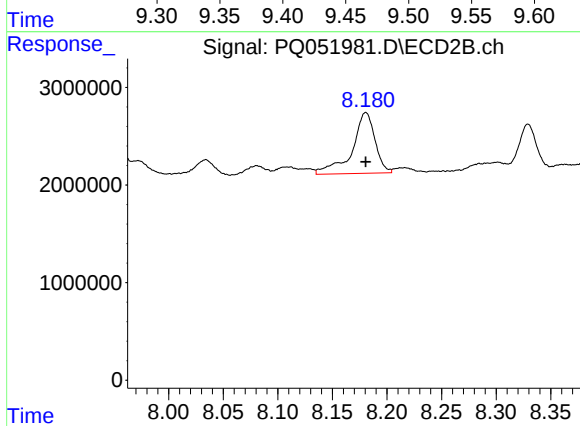
#36 AR-1262-1

R.T.: 7.632 min
Delta R.T.: 0.002 min
Response: 12288951
Conc: 48.16 ng/ml



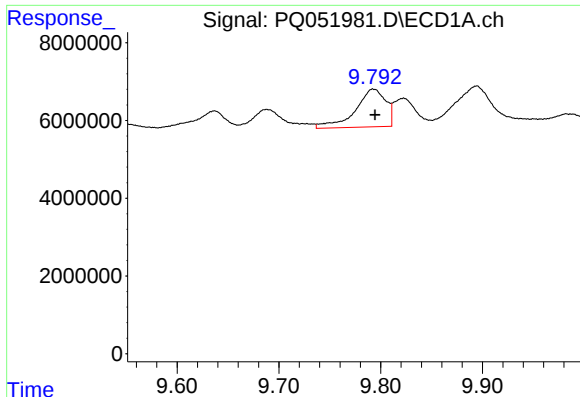
#37 AR-1262-2

R.T.: 9.464 min
Delta R.T.: 0.002 min
Response: 27672295
Conc: 10.99 ng/ml



#37 AR-1262-2

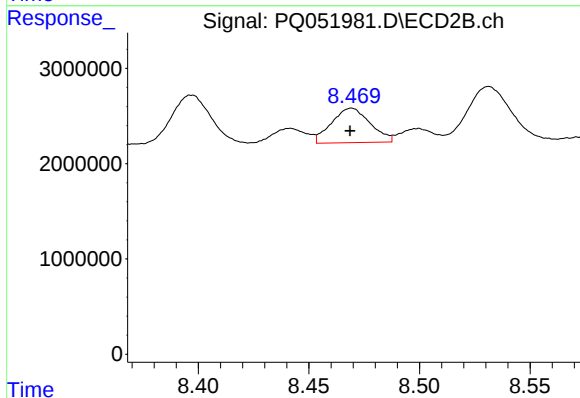
R.T.: 8.181 min
Delta R.T.: 0.000 min
Response: 9124198
Conc: 9.55 ng/ml



#38 AR-1262-3

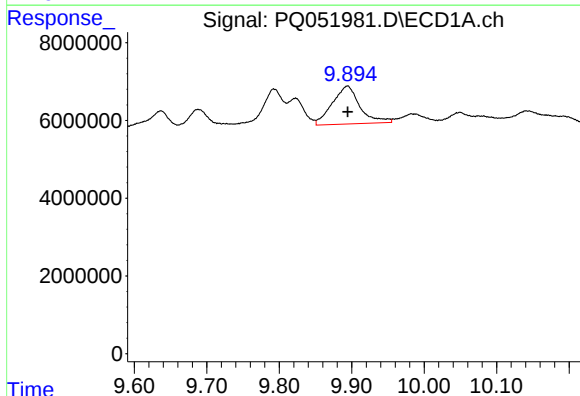
R.T.: 9.793 min
Delta R.T.: -0.002 min
Response: 20249299
Conc: 18.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



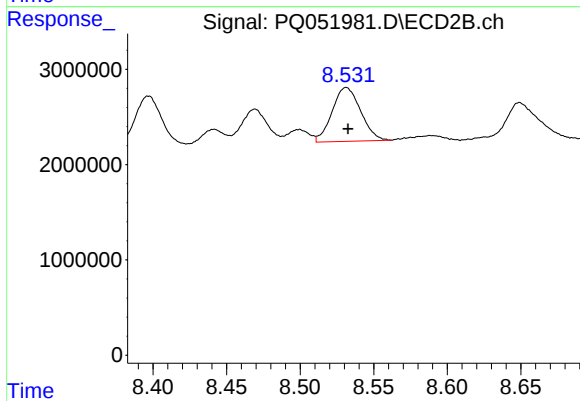
#38 AR-1262-3

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 4388477
Conc: 11.80 ng/ml



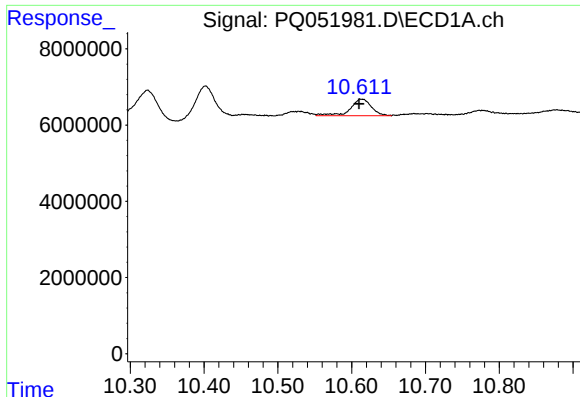
#39 AR-1262-4

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 25823151
Conc: 41.12 ng/ml



#39 AR-1262-4

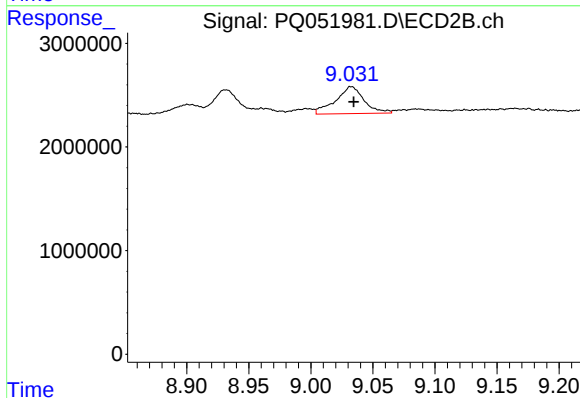
R.T.: 8.531 min
Delta R.T.: -0.001 min
Response: 7622217
Conc: 11.10 ng/ml



#40 AR-1262-5

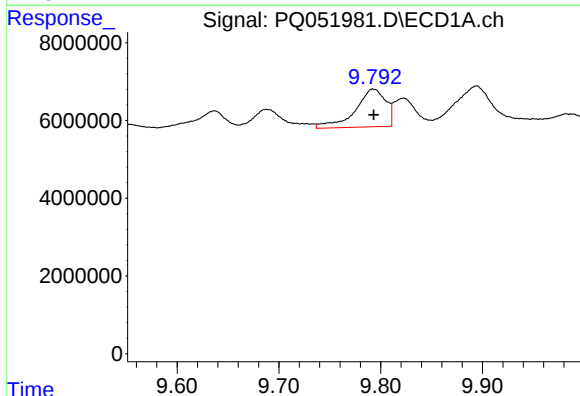
R.T.: 10.613 min
Delta R.T.: 0.003 min
Response: 8702846
Conc: 10.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



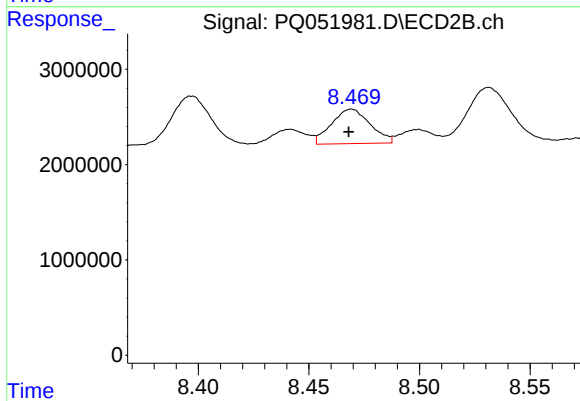
#40 AR-1262-5

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 4162169
Conc: 14.34 ng/ml



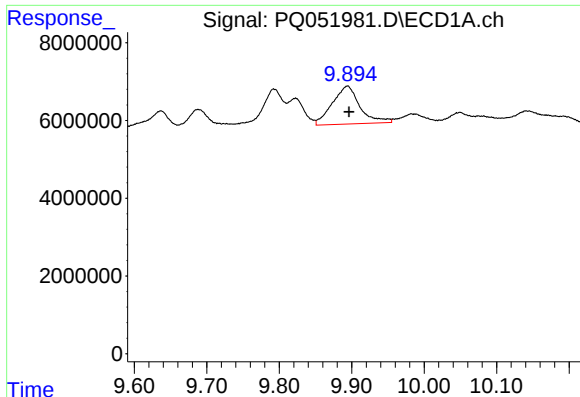
#41 AR-1268-1

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 20249299
Conc: 6.69 ng/ml



#41 AR-1268-1

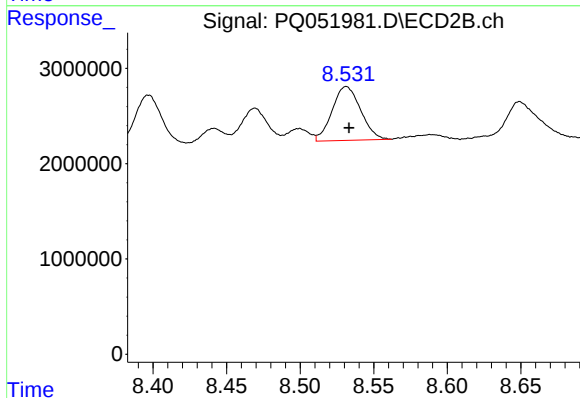
R.T.: 8.469 min
Delta R.T.: 0.001 min
Response: 4388477
Conc: 3.70 ng/ml



#42 AR-1268-2

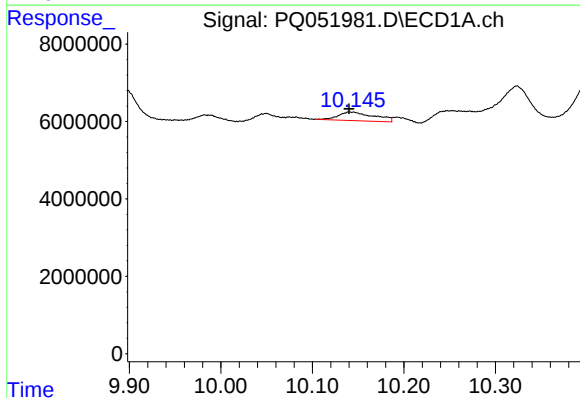
R.T.: 9.894 min
Delta R.T.: -0.002 min
Response: 25823151
Conc: 9.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



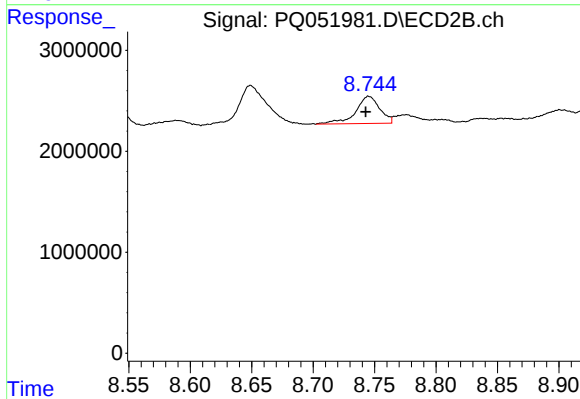
#42 AR-1268-2

R.T.: 8.531 min
Delta R.T.: -0.002 min
Response: 7622217
Conc: 6.95 ng/ml



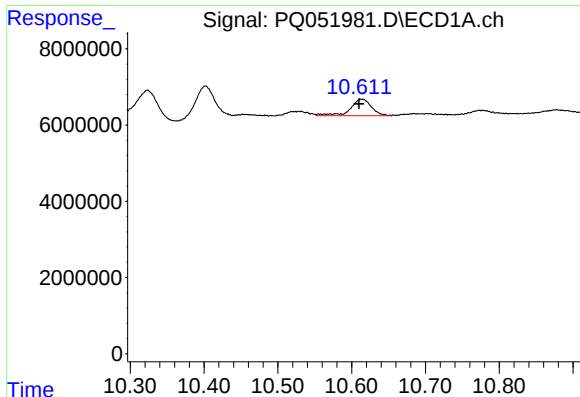
#43 AR-1268-3

R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 6173751
Conc: 2.57 ng/ml



#43 AR-1268-3

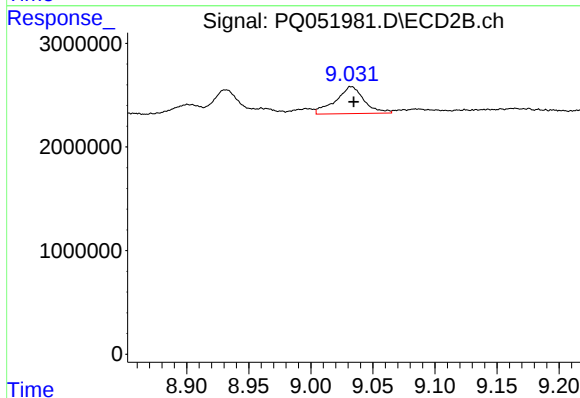
R.T.: 8.745 min
Delta R.T.: 0.002 min
Response: 3684729
Conc: 3.84 ng/ml



#44 AR-1268-4

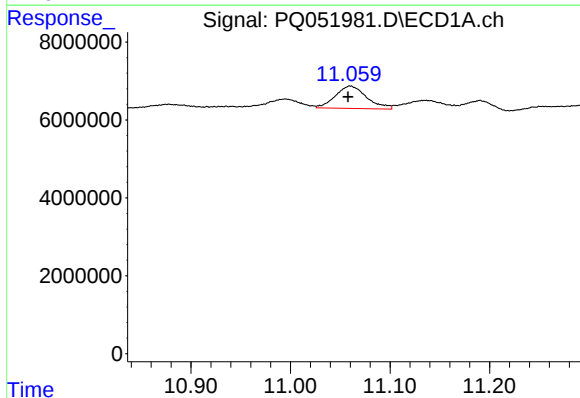
R.T.: 10.613 min
Delta R.T.: 0.003 min
Response: 8702846
Conc: 9.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



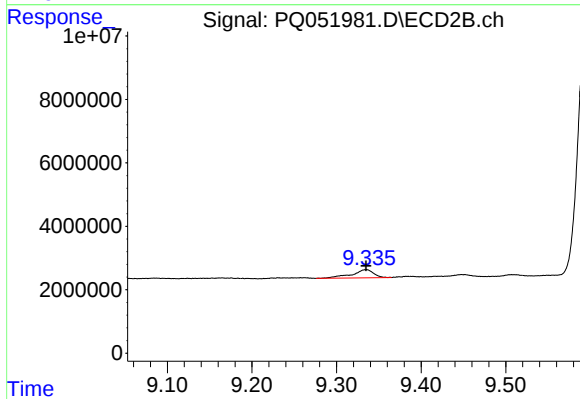
#44 AR-1268-4

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 4162169
Conc: 12.13 ng/ml



#45 AR-1268-5

R.T.: 11.060 min
Delta R.T.: 0.002 min
Response: 12594306
Conc: 1.66 ng/ml



#45 AR-1268-5

R.T.: 9.335 min
Delta R.T.: 0.000 min
Response: 4601776
Conc: 1.64 ng/ml