

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040324\
 Data File : PQ065980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2024 21:15
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12543065

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 22:12:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030524CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 06 05:19:07 2024
 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...	3.446	2.735	95605642	143.8E6	22.325	20.583
2)	SA Decachlor...	8.660	7.506	63090039	170.3E6	41.748	37.803
Target Compounds							
3)	L1 AR-1016-1	4.557	3.733	1670812	3141702	12.055	12.742
4)	L1 AR-1016-2	4.577	3.748	2236612	2815491	11.226	7.948 #
5)	L1 AR-1016-3	4.635	3.908	1215017	1834182	9.633	9.566
6)	L1 AR-1016-4	4.725	3.958	1331200	67384111	12.807	416.648 #
7)	L1 AR-1016-5	5.016	4.151	23753348	41736204	237.195	203.904
8)	L2 AR-1221-1	0.000	3.002f	0	2669632	N.D.	31.764 #
9)	L2 AR-1221-2	3.727	3.002	1690534	2669632	51.847	44.526
10)	L2 AR-1221-3	3.797	3.081	1071111	434038	9.916	2.234 #
11)	L3 AR-1232-1	3.797	3.081	1071111	434038	11.784	2.696 #
12)	L3 AR-1232-2	4.296	3.748	1131494	2815491	23.177	17.333 #
13)	L3 AR-1232-3	4.577	3.908	2236612	1834182	24.231	21.575
14)	L3 AR-1232-4	4.725	3.993	1331200	20667286	27.606	280.752 #
15)	L3 AR-1232-5	4.824	4.151	39789051	41736204	1234.603	481.996 #
16)	L4 AR-1242-1	4.557	3.733	1670812	3141702	14.092	15.022
17)	L4 AR-1242-2	4.577	3.748	2236612	2815491	13.400	9.542 #
18)	L4 AR-1242-3	4.635	3.908	1215017	1834182	11.480	11.424
19)	L4 AR-1242-4	4.725	3.993	1331200	20667286	15.217	136.067 #
20)	L4 AR-1242-5	5.449	4.488	21378691	163.2E6	232.351	831.329 #
21)	L5 AR-1248-1	4.557	3.733	1670812	3141702	18.895	19.601
22)	L5 AR-1248-2	4.824	3.958	39789051	67384111	332.255	290.374
23)	L5 AR-1248-3	5.016	3.993	23753348	20667286	166.404	92.665 #
24)	L5 AR-1248-4	5.411	4.151	34242650	41736204	214.120	151.896 #
25)	L5 AR-1248-5	5.449	4.525	21378691	19734286	133.927	73.078 #
26)	L6 AR-1254-1	5.384	4.488	67879457	163.2E6	441.582	397.329
27)	L6 AR-1254-2	5.602	4.635	103.3E6	145.1E6	442.246	396.808
28)	L6 AR-1254-3	5.957	5.016	107.8E6	230.8E6	442.286	394.803
29)	L6 AR-1254-4	6.242	5.243	78135839	150.9E6	441.332	397.301
30)	L6 AR-1254-5	6.657	5.648	82462131	212.6E6	451.432	393.540
31)	L7 AR-1260-1	6.122	5.146	45879943	114.8E6	250.912	279.836
32)	L7 AR-1260-2	6.382	5.335	44548728	98656290	208.514	196.775
33)	L7 AR-1260-3	6.737	5.472	4221493	97867138	27.404	208.917 #
34)	L7 AR-1260-4	6.934	5.939	33852886	9649634	200.171	24.807 #
35)	L7 AR-1260-5	7.268	6.185	10583944	25247279	32.042	27.284
36)	L8 AR-1262-1	6.737	5.710	4221493	18053211	19.015	32.084 #
37)	L8 AR-1262-2	7.268	6.185	10583944	25247279	29.071	25.130
38)	L8 AR-1262-3	7.548	6.519f	9007872	25138154	37.430	60.918 #
39)	L8 AR-1262-4	7.592	6.519	1985612	25138154	10.818	33.485 #
40)	L8 AR-1262-5	0.000	7.021	0	1574813	N.D.	4.340 #
41)	L9 AR-1268-1	7.548	6.519f	9007872	25138154	22.787	22.893

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040324\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2024 21:15
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

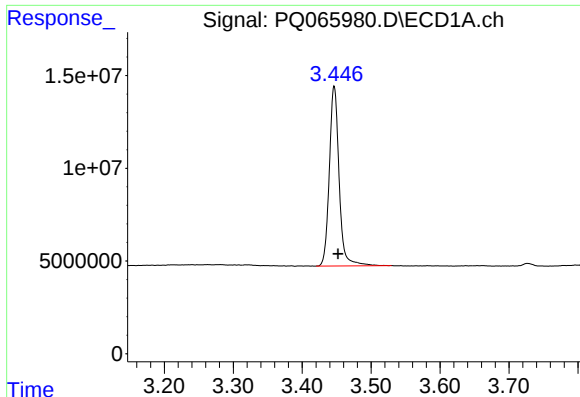
Instrument :
 ECD_Q
 ClientSampleId :
 AR12543065

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 22:12:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030524CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 06 05:19:07 2024
 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	7.592	6.519	1985612	25138154	5.529	25.178 #
43) L9	AR-1268-3	0.000	6.782f	0	1519371	N.D.	1.754 #
44) L9	AR-1268-4	0.000	7.021	0	1574813	N.D.	4.131 #

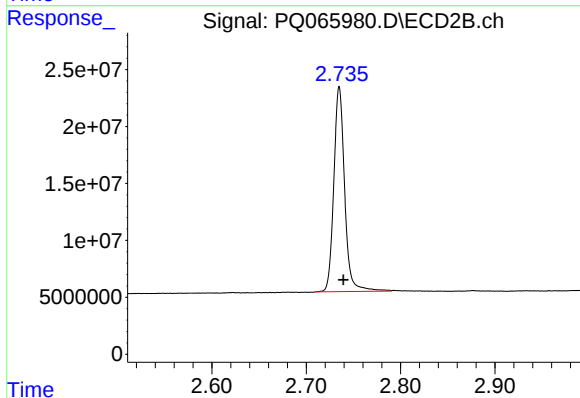
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

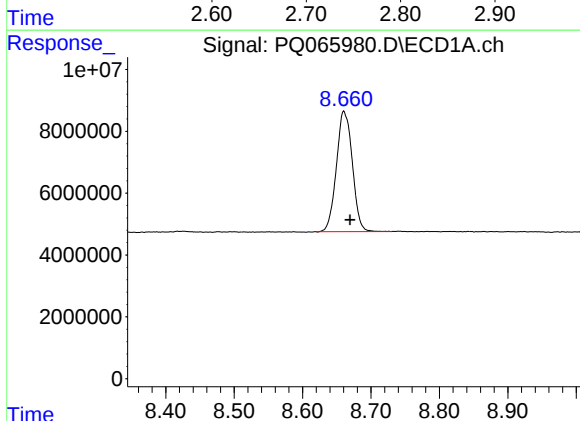
R.T.: 3.446 min
Delta R.T.: -0.006 min
Response: 95605642
Conc: 22.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



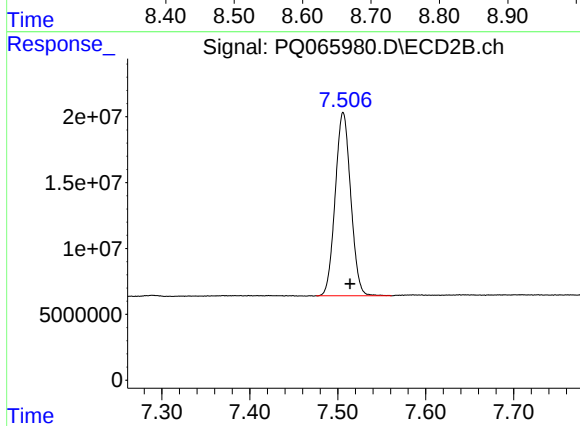
#1 Tetrachloro-m-xylene

R.T.: 2.735 min
Delta R.T.: -0.004 min
Response: 143804145
Conc: 20.58 ng/ml



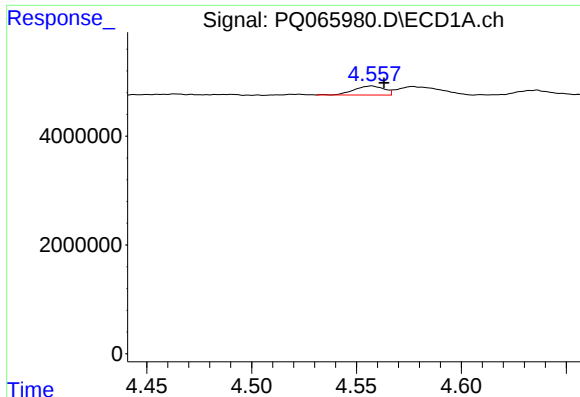
#2 Decachlorobiphenyl

R.T.: 8.660 min
Delta R.T.: -0.009 min
Response: 63090039
Conc: 41.75 ng/ml



#2 Decachlorobiphenyl

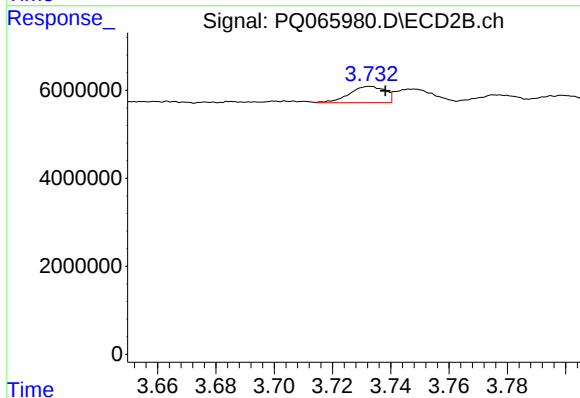
R.T.: 7.506 min
Delta R.T.: -0.008 min
Response: 170322601
Conc: 37.80 ng/ml



#3 AR-1016-1

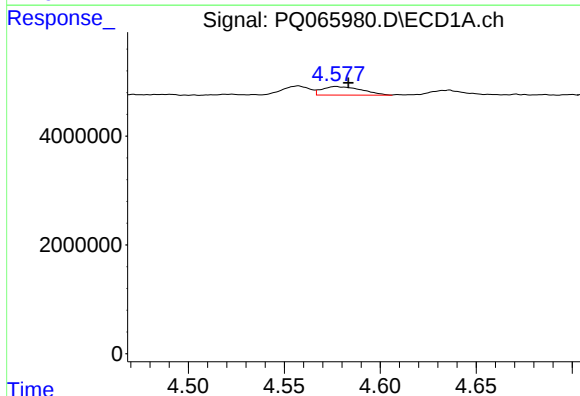
R.T.: 4.557 min
Delta R.T.: -0.006 min
Response: 1670812
Conc: 12.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



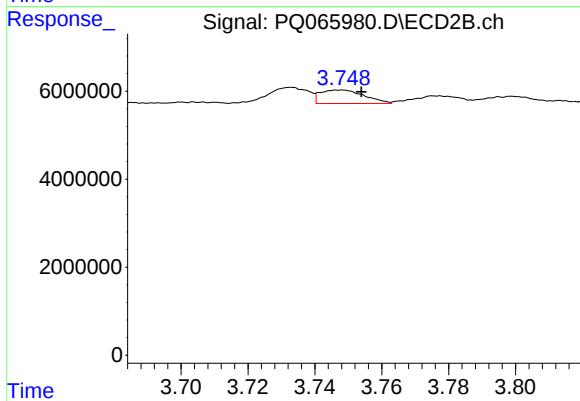
#3 AR-1016-1

R.T.: 3.733 min
Delta R.T.: -0.005 min
Response: 3141702
Conc: 12.74 ng/ml



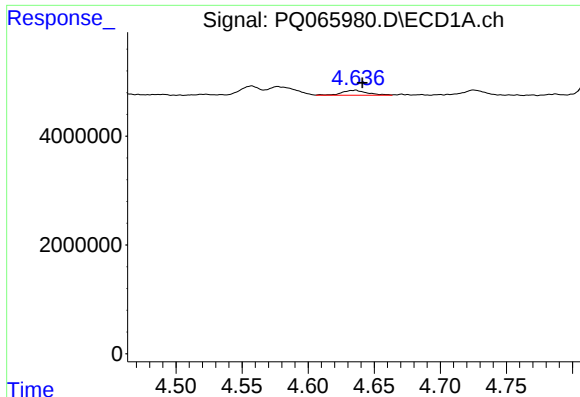
#4 AR-1016-2

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 2236612
Conc: 11.23 ng/ml



#4 AR-1016-2

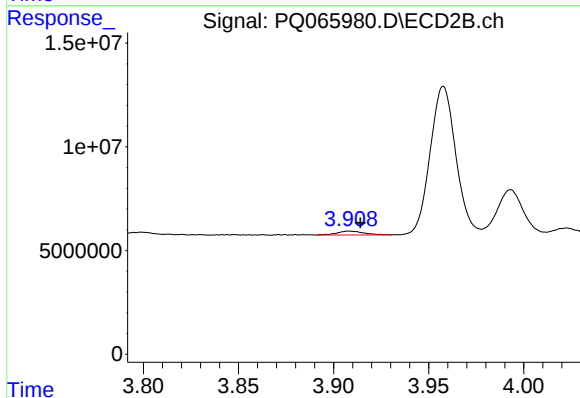
R.T.: 3.748 min
Delta R.T.: -0.006 min
Response: 2815491
Conc: 7.95 ng/ml



#5 AR-1016-3

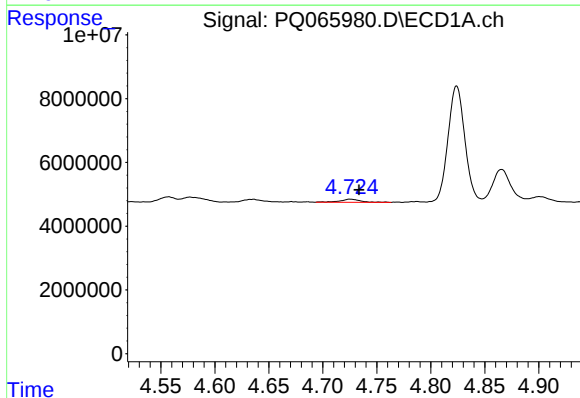
R.T.: 4.635 min
Delta R.T.: -0.006 min
Response: 1215017
Conc: 9.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



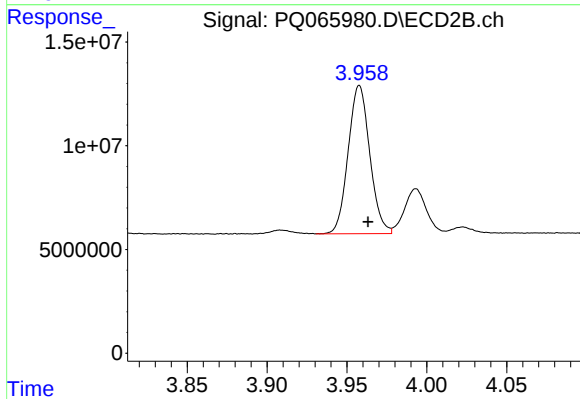
#5 AR-1016-3

R.T.: 3.908 min
Delta R.T.: -0.006 min
Response: 1834182
Conc: 9.57 ng/ml



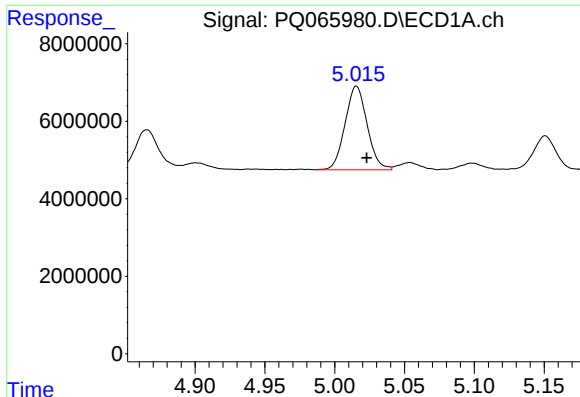
#6 AR-1016-4

R.T.: 4.725 min
Delta R.T.: -0.008 min
Response: 1331200
Conc: 12.81 ng/ml



#6 AR-1016-4

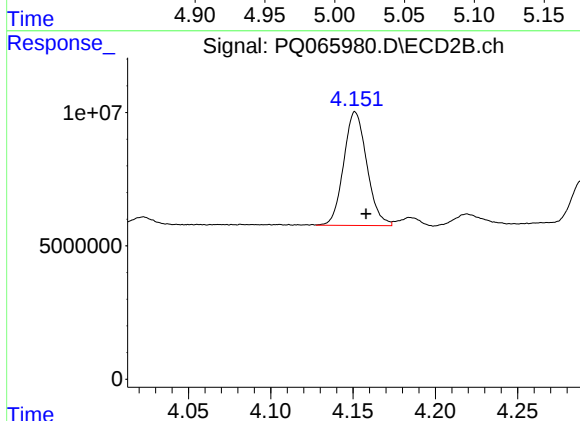
R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 67384111
Conc: 416.65 ng/ml



#7 AR-1016-5

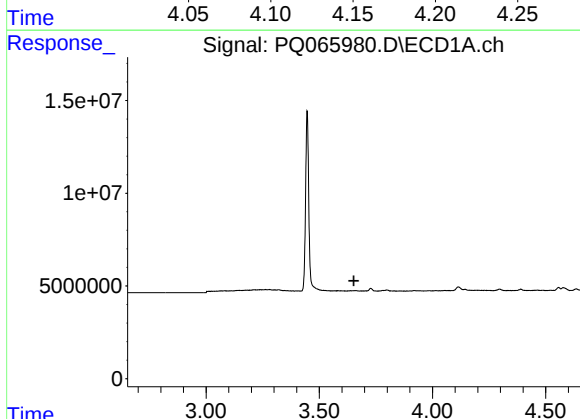
R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 23753348
Conc: 237.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



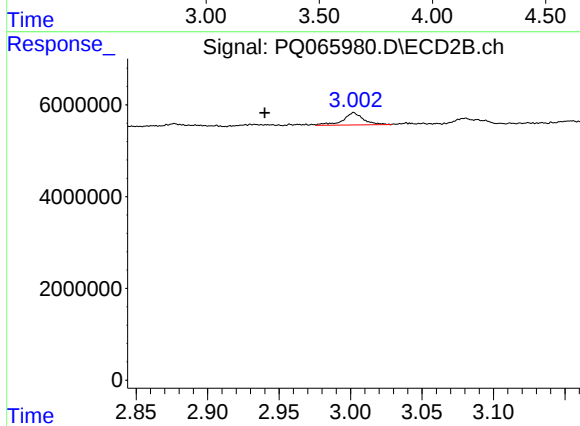
#7 AR-1016-5

R.T.: 4.151 min
Delta R.T.: -0.007 min
Response: 41736204
Conc: 203.90 ng/ml



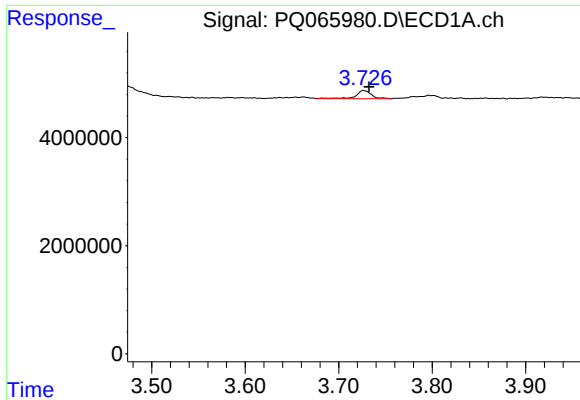
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.653 min
Response: 0
Conc: N.D.



#8 AR-1221-1

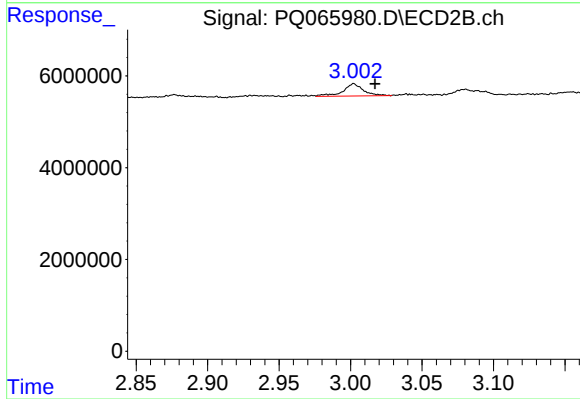
R.T.: 3.002 min
Delta R.T.: 0.062 min
Response: 2669632
Conc: 31.76 ng/ml



#9 AR-1221-2

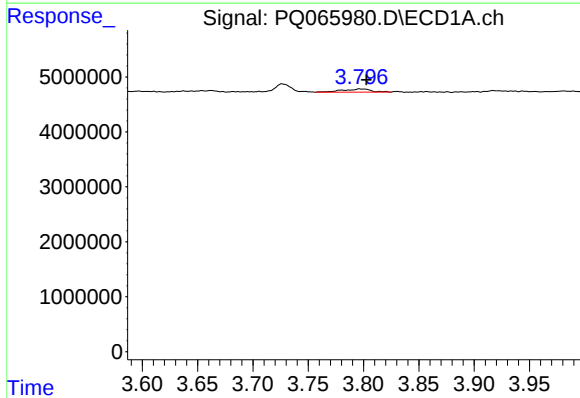
R.T.: 3.727 min
Delta R.T.: -0.006 min
Response: 1690534
Conc: 51.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



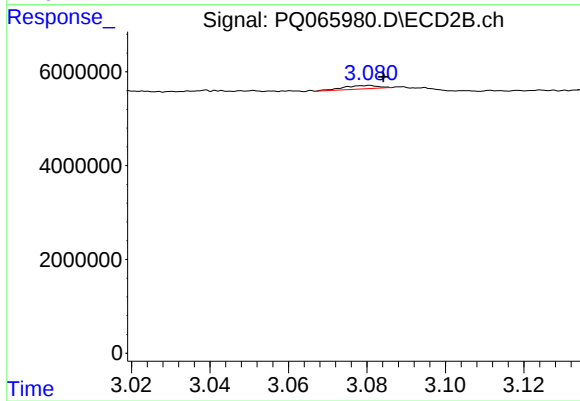
#9 AR-1221-2

R.T.: 3.002 min
Delta R.T.: -0.015 min
Response: 2669632
Conc: 44.53 ng/ml



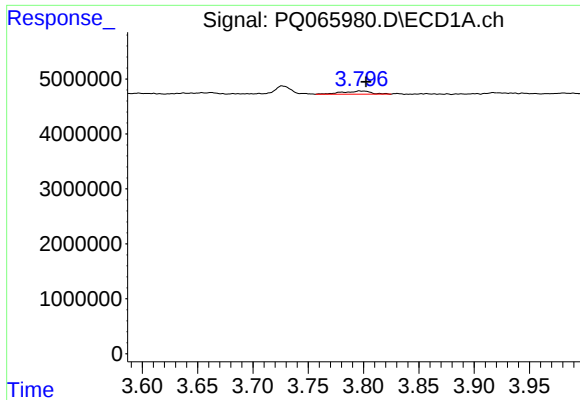
#10 AR-1221-3

R.T.: 3.797 min
Delta R.T.: -0.006 min
Response: 1071111
Conc: 9.92 ng/ml



#10 AR-1221-3

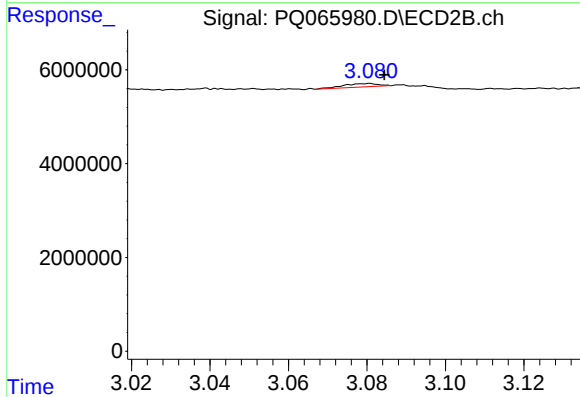
R.T.: 3.081 min
Delta R.T.: -0.004 min
Response: 434038
Conc: 2.23 ng/ml



#11 AR-1232-1

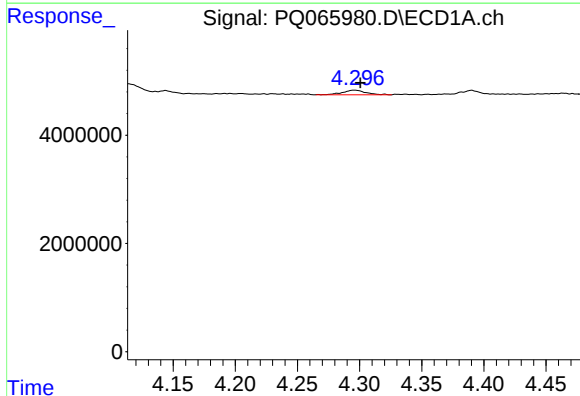
R.T.: 3.797 min
Delta R.T.: -0.006 min
Response: 1071111
Conc: 11.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



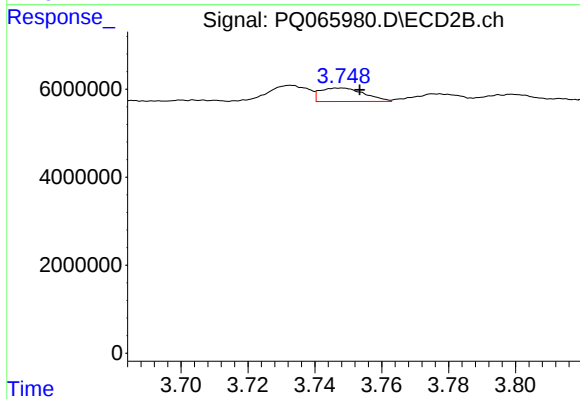
#11 AR-1232-1

R.T.: 3.081 min
Delta R.T.: -0.004 min
Response: 434038
Conc: 2.70 ng/ml



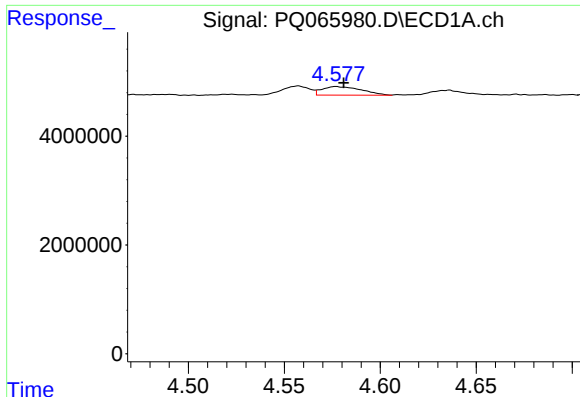
#12 AR-1232-2

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 1131494
Conc: 23.18 ng/ml



#12 AR-1232-2

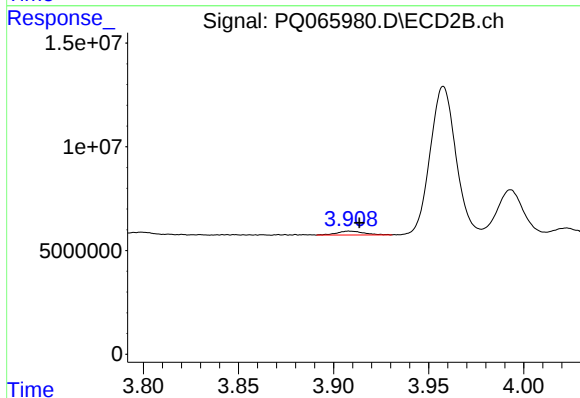
R.T.: 3.748 min
Delta R.T.: -0.005 min
Response: 2815491
Conc: 17.33 ng/ml



#13 AR-1232-3

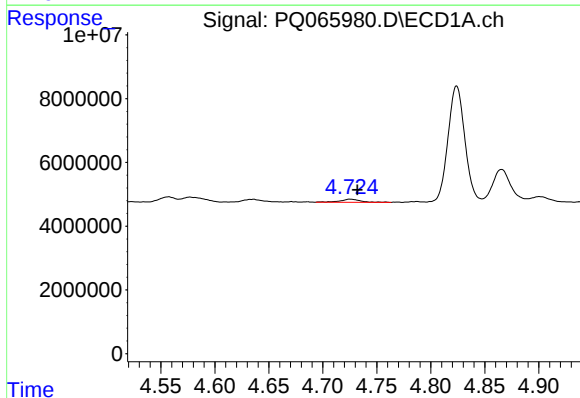
R.T.: 4.577 min
Delta R.T.: -0.004 min
Response: 2236612
Conc: 24.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



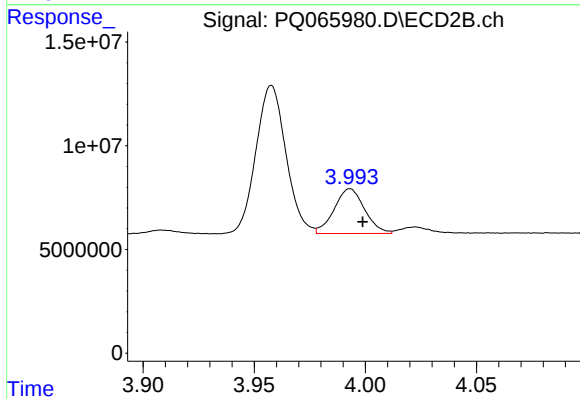
#13 AR-1232-3

R.T.: 3.908 min
Delta R.T.: -0.005 min
Response: 1834182
Conc: 21.57 ng/ml



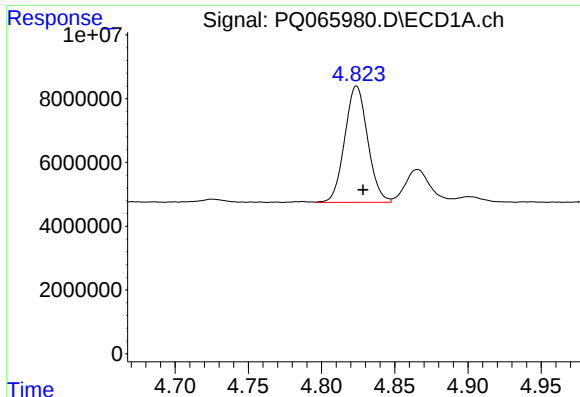
#14 AR-1232-4

R.T.: 4.725 min
Delta R.T.: -0.007 min
Response: 1331200
Conc: 27.61 ng/ml



#14 AR-1232-4

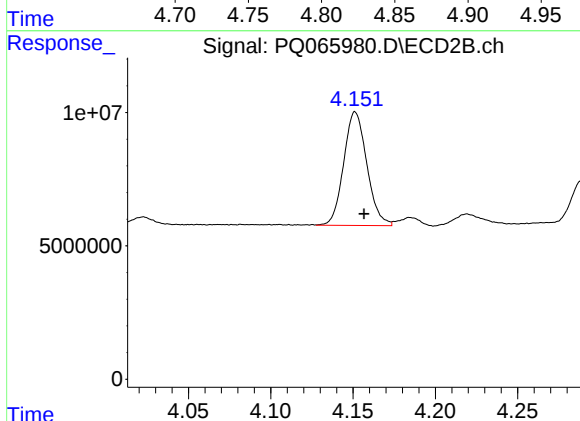
R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 20667286
Conc: 280.75 ng/ml



#15 AR-1232-5

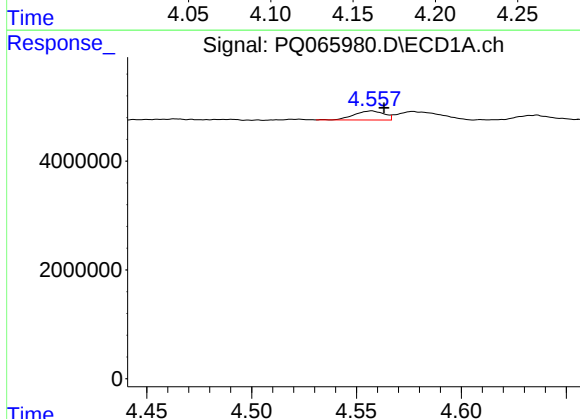
R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 39789051
Conc: 1234.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



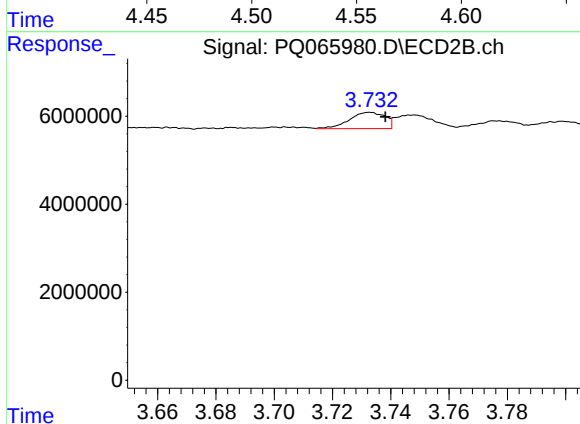
#15 AR-1232-5

R.T.: 4.151 min
Delta R.T.: -0.005 min
Response: 41736204
Conc: 482.00 ng/ml



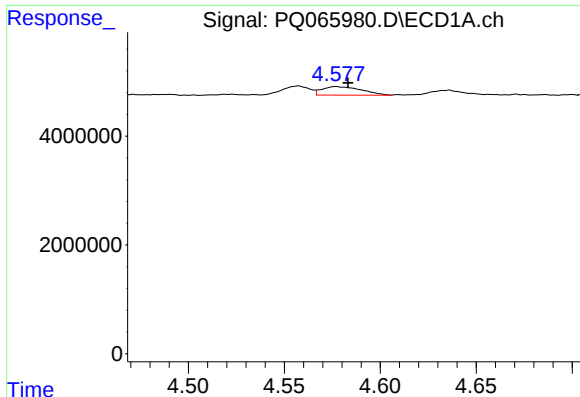
#16 AR-1242-1

R.T.: 4.557 min
Delta R.T.: -0.006 min
Response: 1670812
Conc: 14.09 ng/ml



#16 AR-1242-1

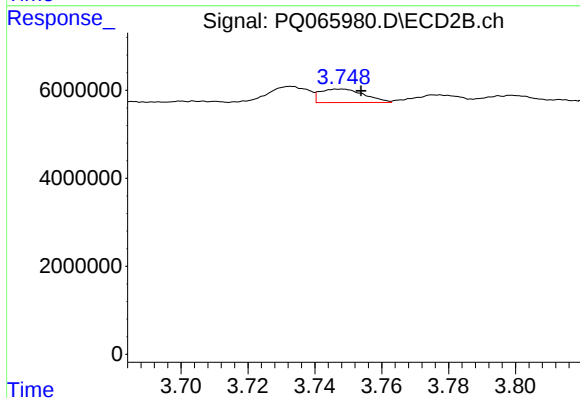
R.T.: 3.733 min
Delta R.T.: -0.005 min
Response: 3141702
Conc: 15.02 ng/ml



#17 AR-1242-2

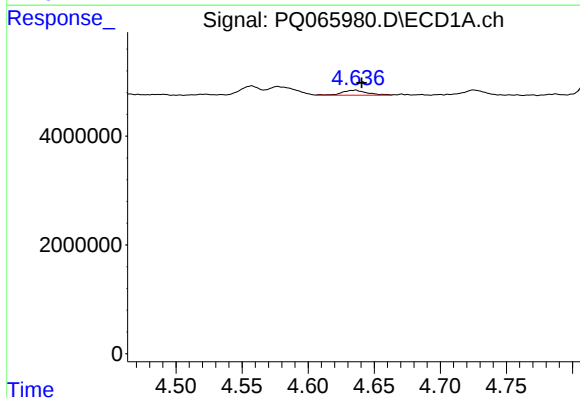
R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 2236612
Conc: 13.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



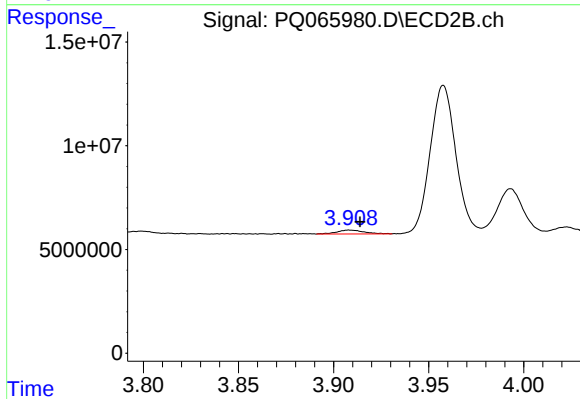
#17 AR-1242-2

R.T.: 3.748 min
Delta R.T.: -0.006 min
Response: 2815491
Conc: 9.54 ng/ml



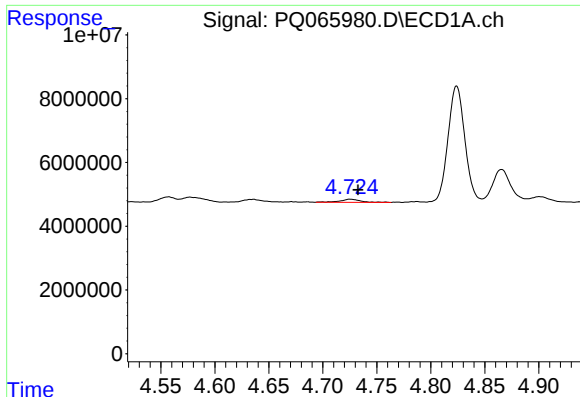
#18 AR-1242-3

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 1215017
Conc: 11.48 ng/ml



#18 AR-1242-3

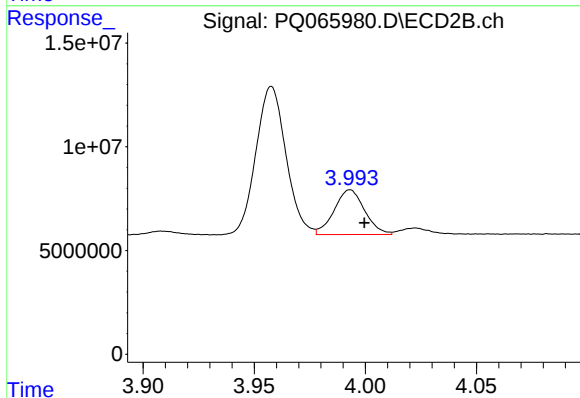
R.T.: 3.908 min
Delta R.T.: -0.006 min
Response: 1834182
Conc: 11.42 ng/ml



#19 AR-1242-4

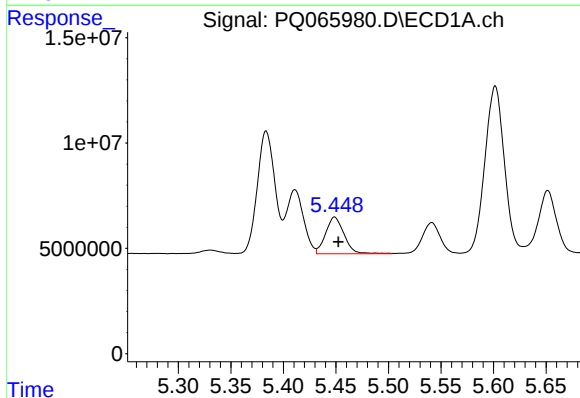
R.T.: 4.725 min
Delta R.T.: -0.007 min
Response: 1331200
Conc: 15.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



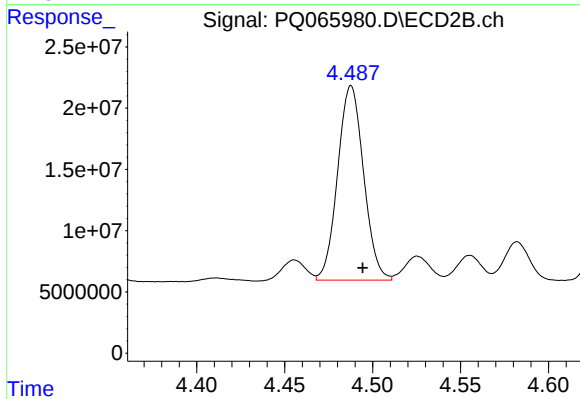
#19 AR-1242-4

R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 20667286
Conc: 136.07 ng/ml



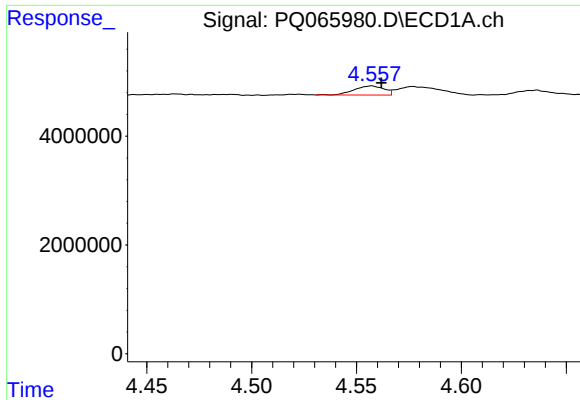
#20 AR-1242-5

R.T.: 5.449 min
Delta R.T.: -0.004 min
Response: 21378691
Conc: 232.35 ng/ml



#20 AR-1242-5

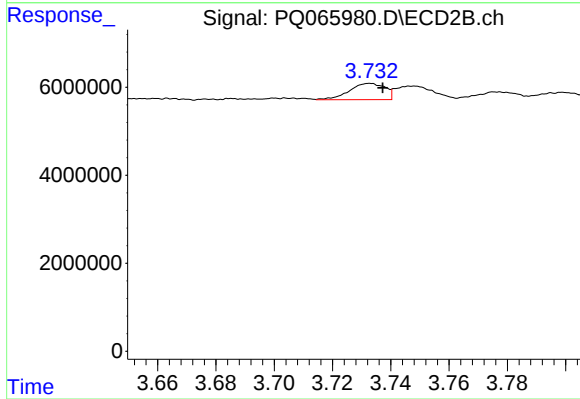
R.T.: 4.488 min
Delta R.T.: -0.007 min
Response: 163194386
Conc: 831.33 ng/ml



#21 AR-1248-1

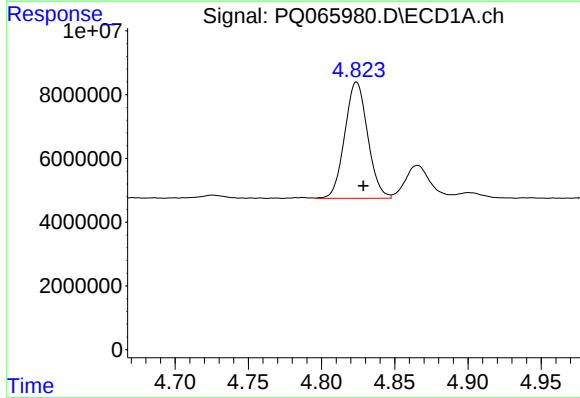
R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 1670812
Conc: 18.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



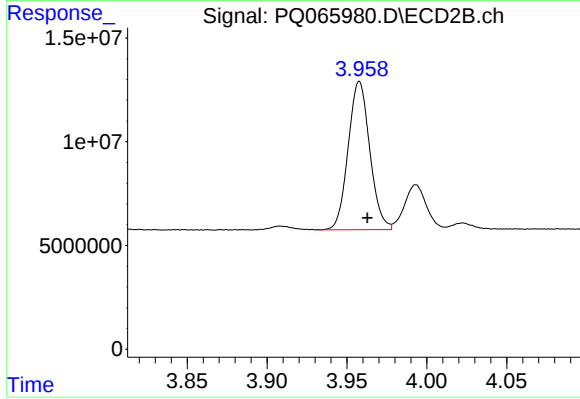
#21 AR-1248-1

R.T.: 3.733 min
Delta R.T.: -0.004 min
Response: 3141702
Conc: 19.60 ng/ml



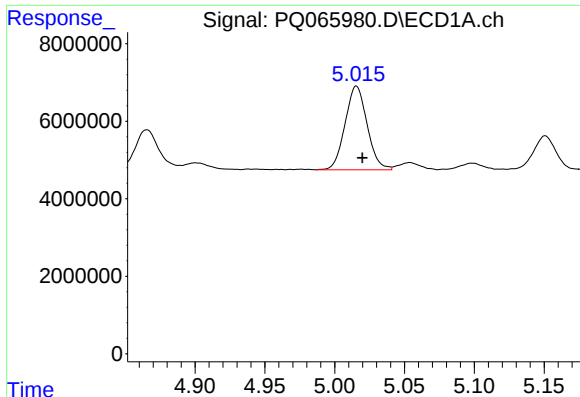
#22 AR-1248-2

R.T.: 4.824 min
Delta R.T.: -0.005 min
Response: 39789051
Conc: 332.25 ng/ml



#22 AR-1248-2

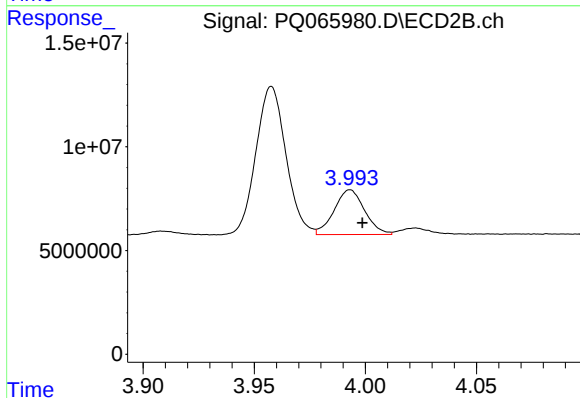
R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 67384111
Conc: 290.37 ng/ml



#23 AR-1248-3

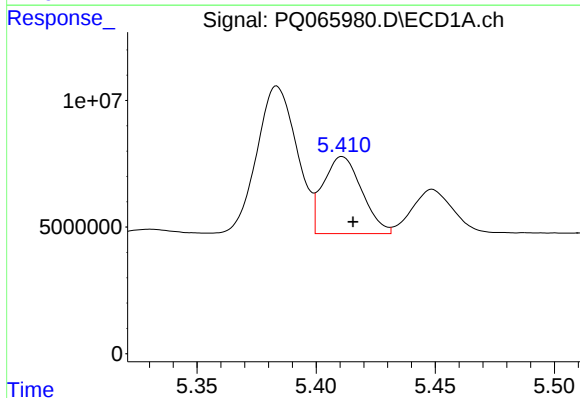
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 23753348
Conc: 166.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



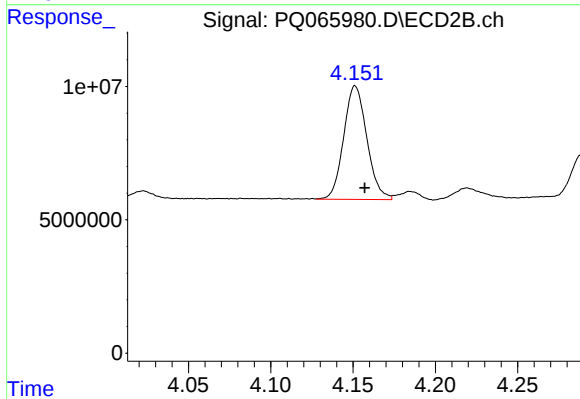
#23 AR-1248-3

R.T.: 3.993 min
Delta R.T.: -0.005 min
Response: 20667286
Conc: 92.67 ng/ml



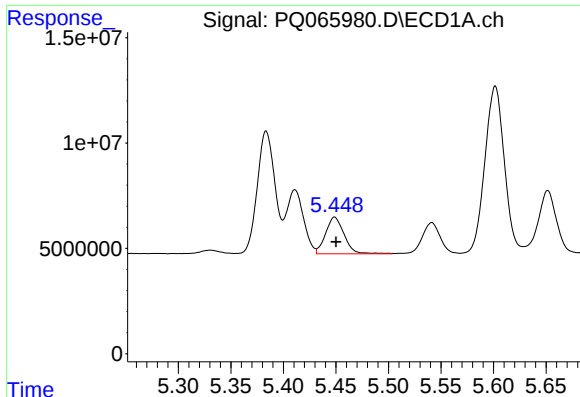
#24 AR-1248-4

R.T.: 5.411 min
Delta R.T.: -0.004 min
Response: 34242650
Conc: 214.12 ng/ml



#24 AR-1248-4

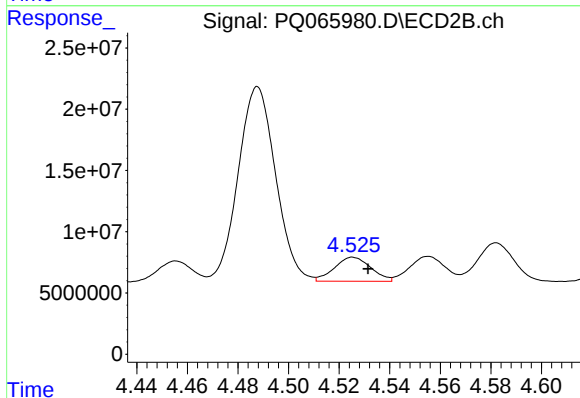
R.T.: 4.151 min
Delta R.T.: -0.006 min
Response: 41736204
Conc: 151.90 ng/ml



#25 AR-1248-5

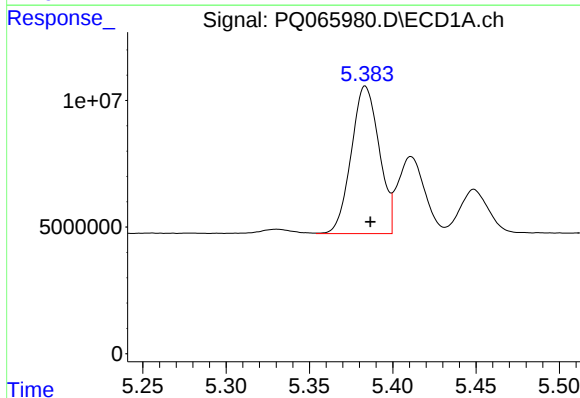
R.T.: 5.449 min
Delta R.T.: -0.001 min
Response: 21378691
Conc: 133.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



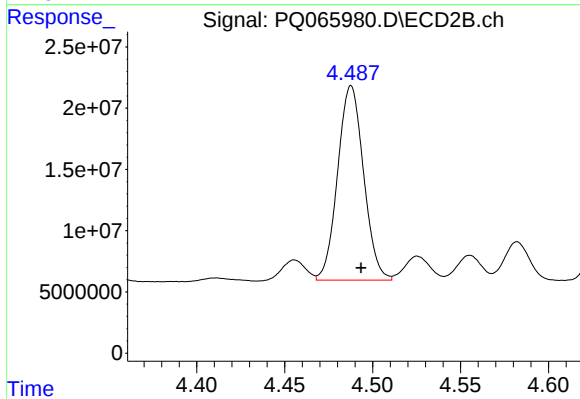
#25 AR-1248-5

R.T.: 4.525 min
Delta R.T.: -0.006 min
Response: 19734286
Conc: 73.08 ng/ml



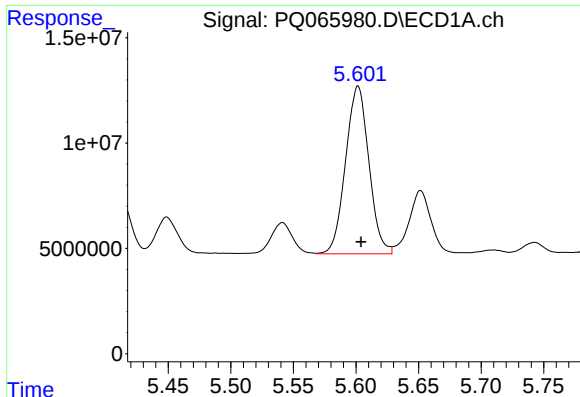
#26 AR-1254-1

R.T.: 5.384 min
Delta R.T.: -0.003 min
Response: 67879457
Conc: 441.58 ng/ml



#26 AR-1254-1

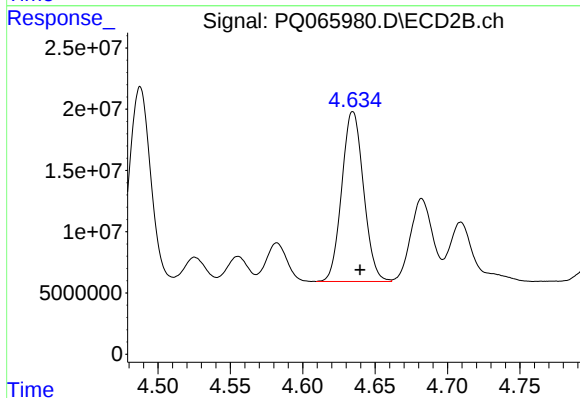
R.T.: 4.488 min
Delta R.T.: -0.006 min
Response: 163194386
Conc: 397.33 ng/ml



#27 AR-1254-2

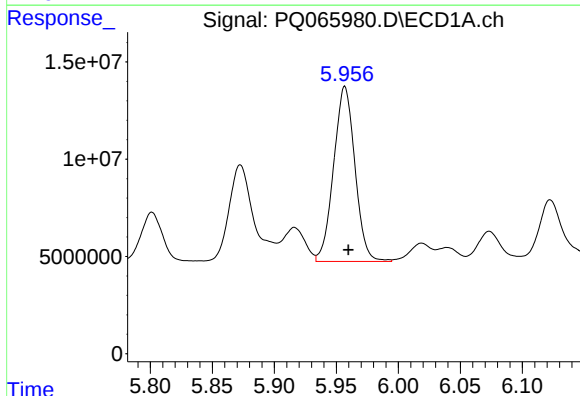
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 103347838
Conc: 442.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



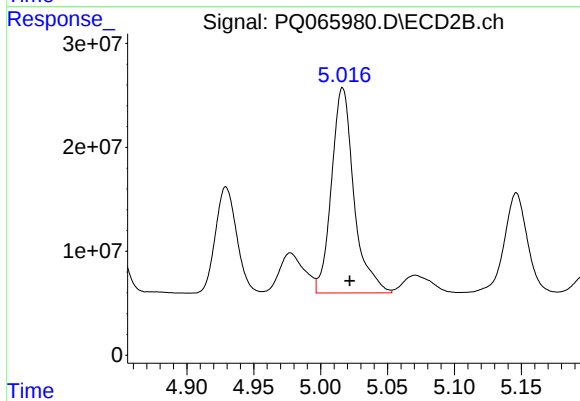
#27 AR-1254-2

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 145060556
Conc: 396.81 ng/ml



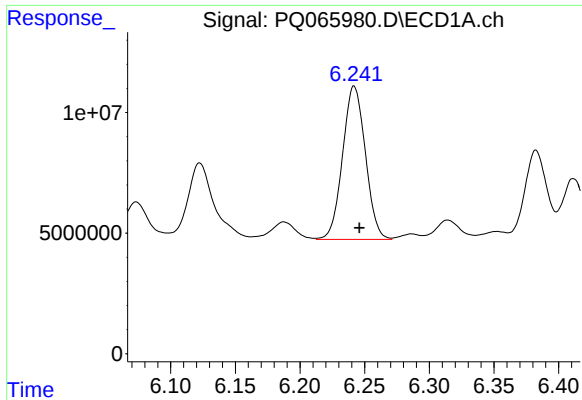
#28 AR-1254-3

R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 107756088
Conc: 442.29 ng/ml



#28 AR-1254-3

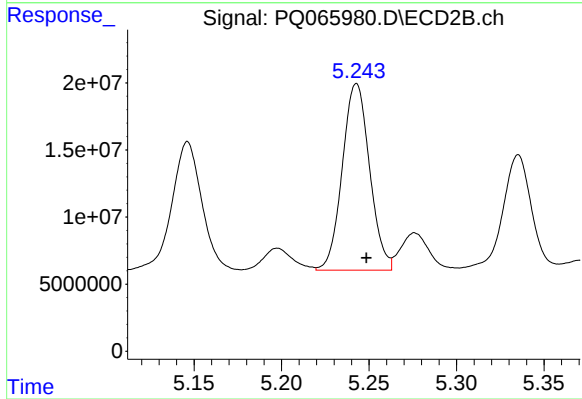
R.T.: 5.016 min
Delta R.T.: -0.005 min
Response: 230784459
Conc: 394.80 ng/ml



#29 AR-1254-4

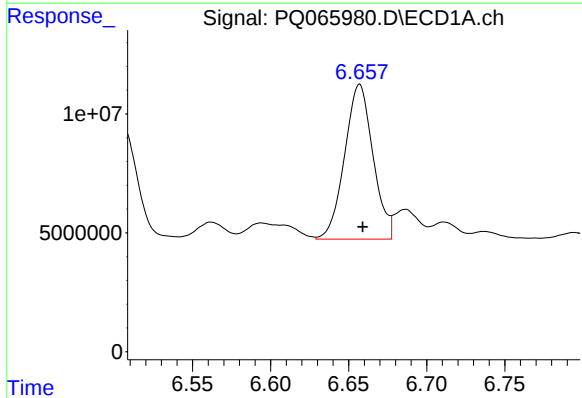
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 78135839
Conc: 441.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



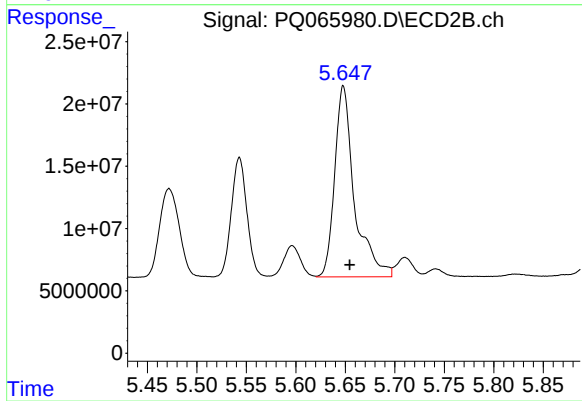
#29 AR-1254-4

R.T.: 5.243 min
Delta R.T.: -0.006 min
Response: 150901425
Conc: 397.30 ng/ml



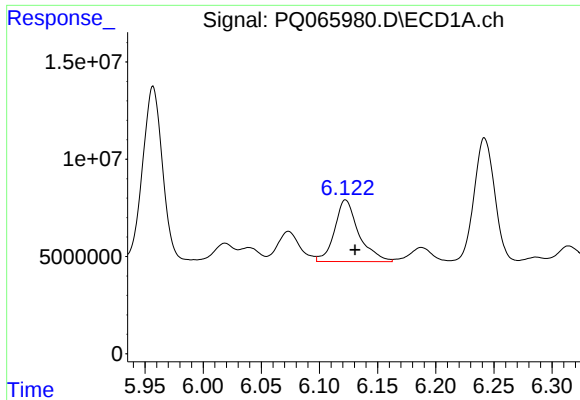
#30 AR-1254-5

R.T.: 6.657 min
Delta R.T.: -0.002 min
Response: 82462131
Conc: 451.43 ng/ml



#30 AR-1254-5

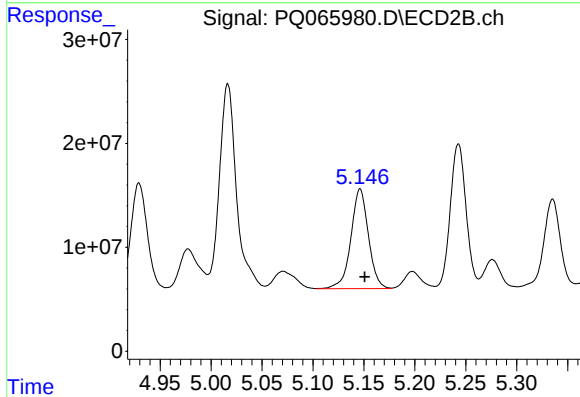
R.T.: 5.648 min
Delta R.T.: -0.006 min
Response: 212631817
Conc: 393.54 ng/ml



#31 AR-1260-1

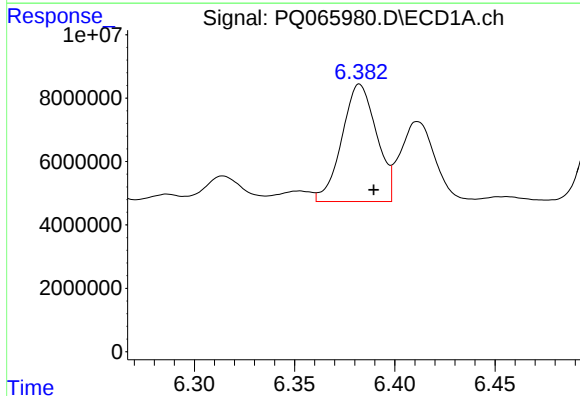
R.T.: 6.122 min
Delta R.T.: -0.008 min
Response: 45879943
Conc: 250.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



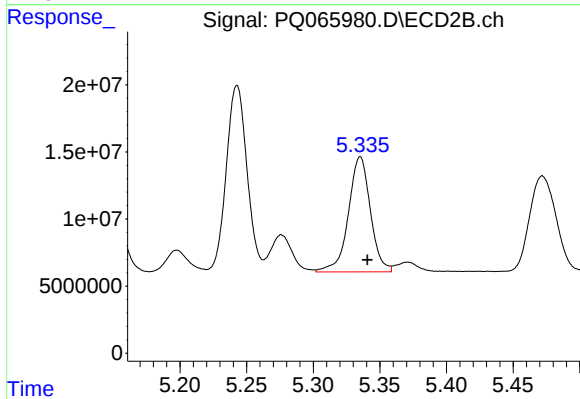
#31 AR-1260-1

R.T.: 5.146 min
Delta R.T.: -0.005 min
Response: 114825532
Conc: 279.84 ng/ml



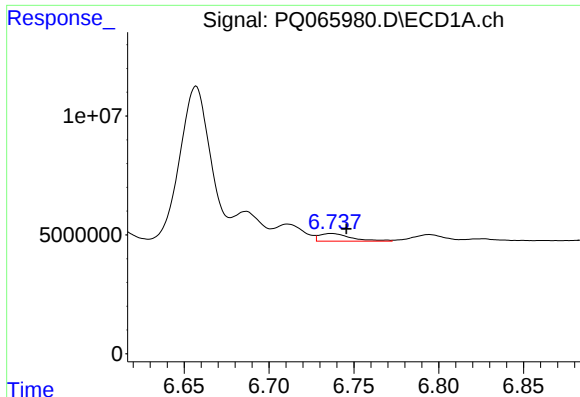
#32 AR-1260-2

R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 44548728
Conc: 208.51 ng/ml



#32 AR-1260-2

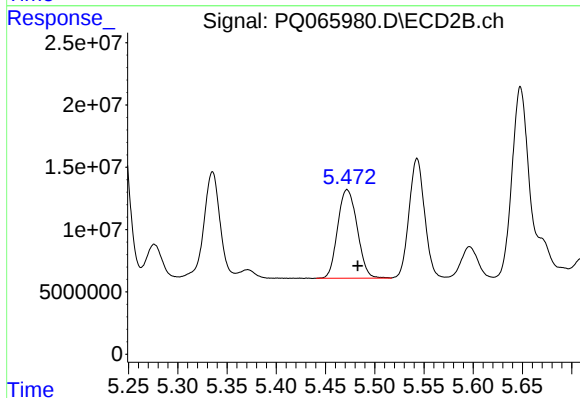
R.T.: 5.335 min
Delta R.T.: -0.005 min
Response: 98656290
Conc: 196.78 ng/ml



#33 AR-1260-3

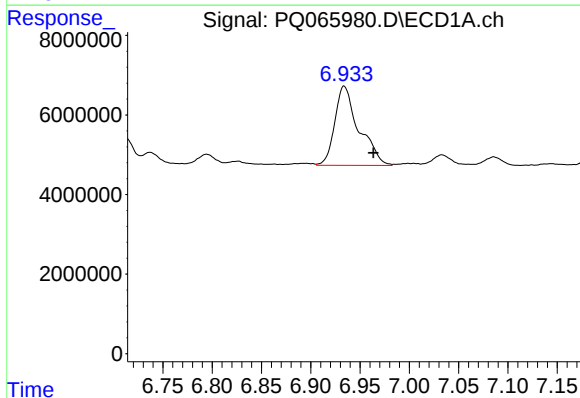
R.T.: 6.737 min
Delta R.T.: -0.009 min
Response: 4221493
Conc: 27.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



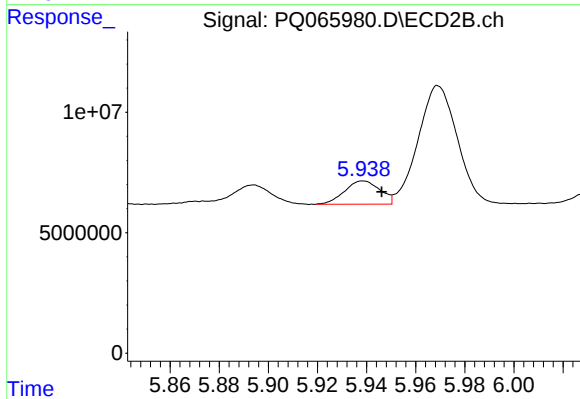
#33 AR-1260-3

R.T.: 5.472 min
Delta R.T.: -0.011 min
Response: 97867138
Conc: 208.92 ng/ml



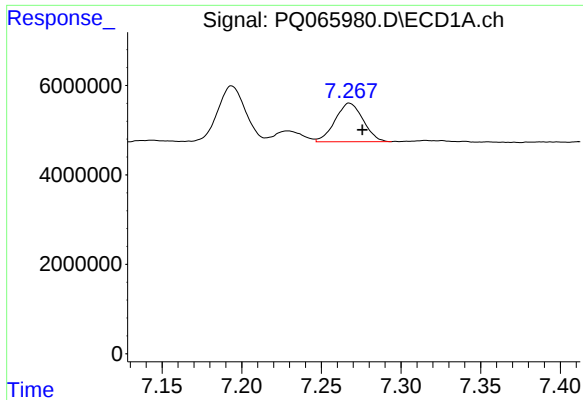
#34 AR-1260-4

R.T.: 6.934 min
Delta R.T.: -0.030 min
Response: 33852886
Conc: 200.17 ng/ml



#34 AR-1260-4

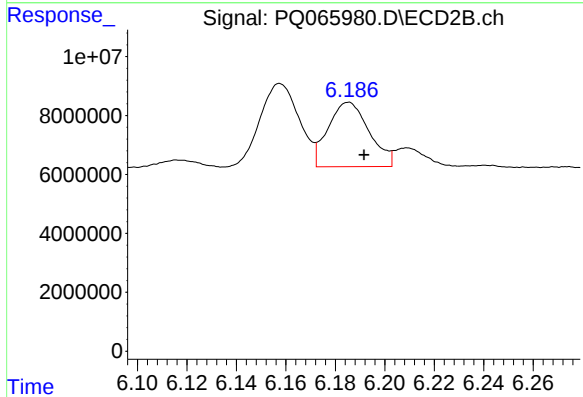
R.T.: 5.939 min
Delta R.T.: -0.008 min
Response: 9649634
Conc: 24.81 ng/ml



#35 AR-1260-5

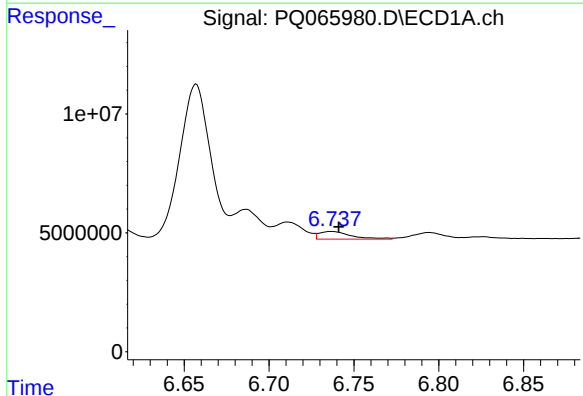
R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 10583944
Conc: 32.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



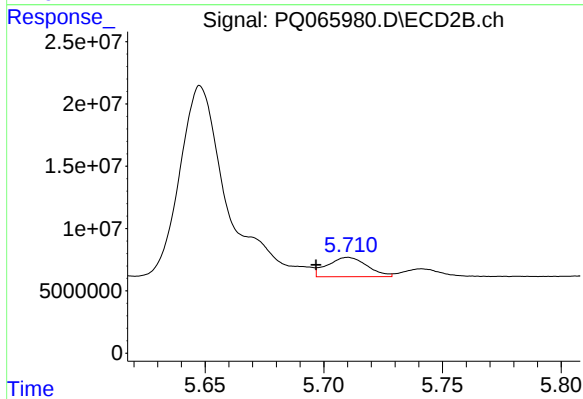
#35 AR-1260-5

R.T.: 6.185 min
Delta R.T.: -0.006 min
Response: 25247279
Conc: 27.28 ng/ml



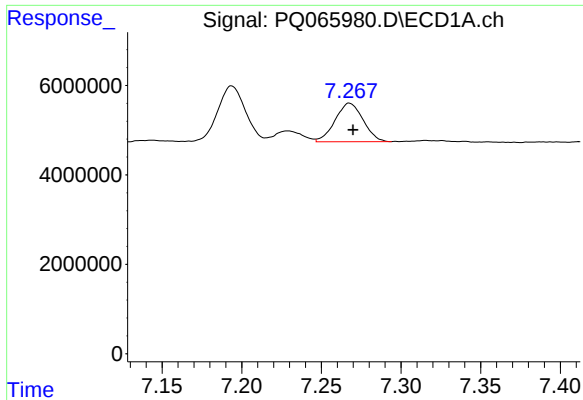
#36 AR-1262-1

R.T.: 6.737 min
Delta R.T.: -0.004 min
Response: 4221493
Conc: 19.01 ng/ml



#36 AR-1262-1

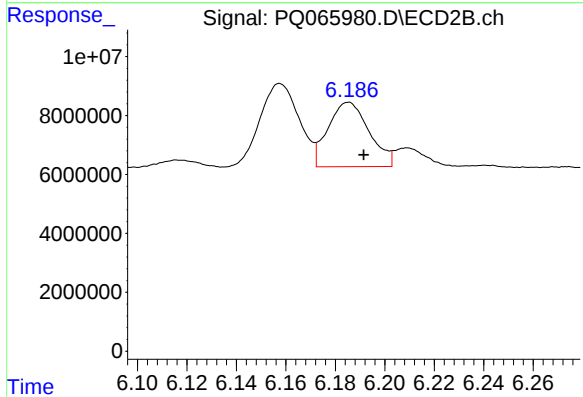
R.T.: 5.710 min
Delta R.T.: 0.014 min
Response: 18053211
Conc: 32.08 ng/ml



#37 AR-1262-2

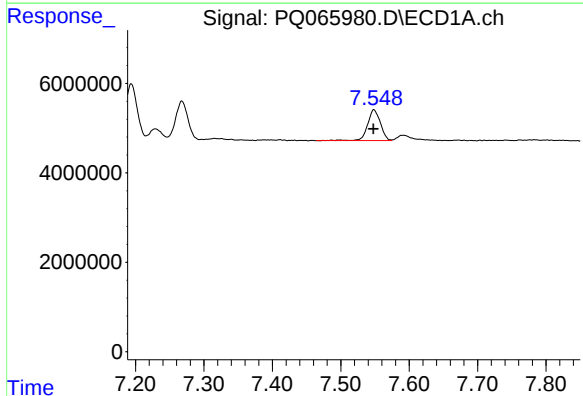
R.T.: 7.268 min
Delta R.T.: -0.002 min
Response: 10583944
Conc: 29.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



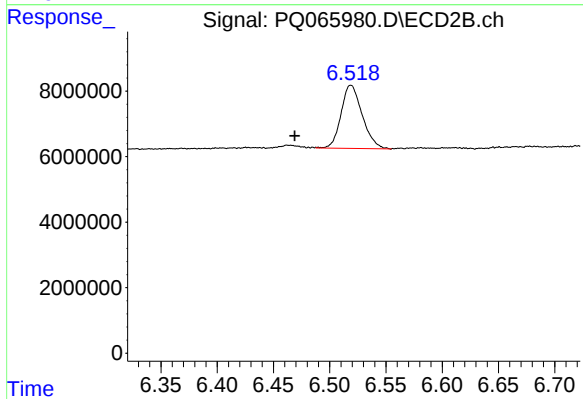
#37 AR-1262-2

R.T.: 6.185 min
Delta R.T.: -0.006 min
Response: 25247279
Conc: 25.13 ng/ml



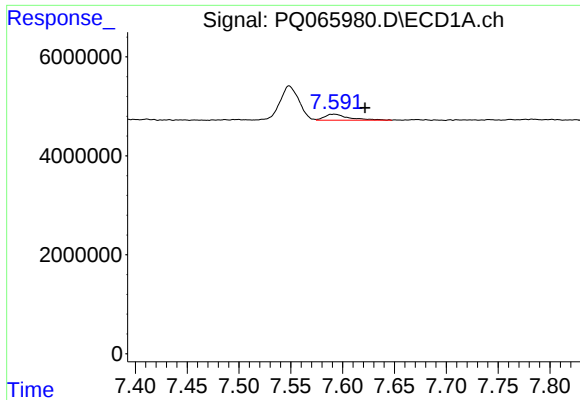
#38 AR-1262-3

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 9007872
Conc: 37.43 ng/ml



#38 AR-1262-3

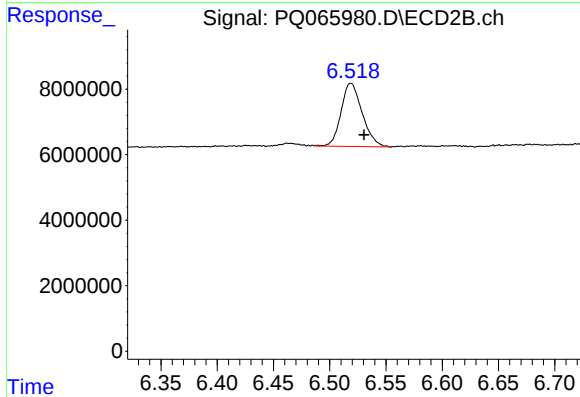
R.T.: 6.519 min
Delta R.T.: 0.050 min
Response: 25138154
Conc: 60.92 ng/ml



#39 AR-1262-4

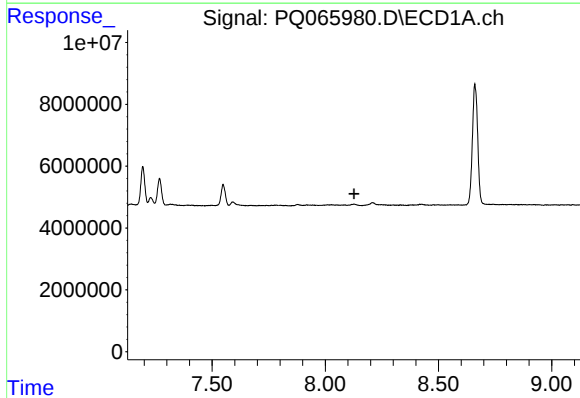
R.T.: 7.592 min
Delta R.T.: -0.030 min
Response: 1985612
Conc: 10.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



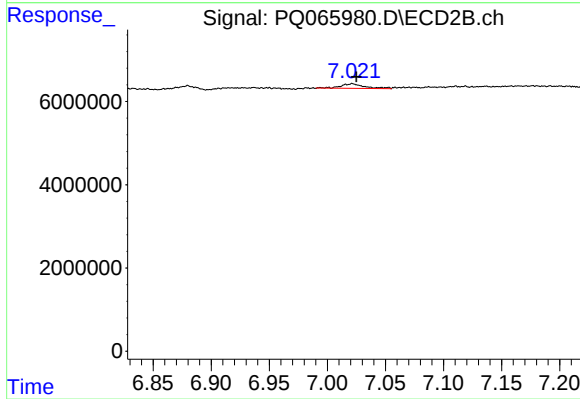
#39 AR-1262-4

R.T.: 6.519 min
Delta R.T.: -0.012 min
Response: 25138154
Conc: 33.48 ng/ml



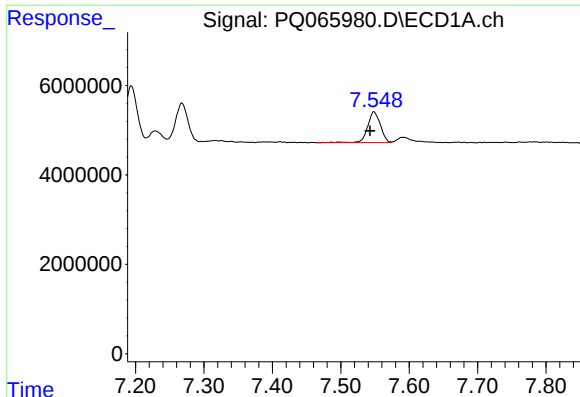
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.127 min
Response: 0
Conc: N.D.



#40 AR-1262-5

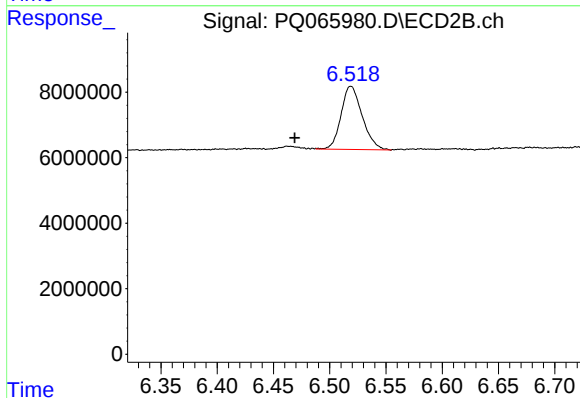
R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 1574813
Conc: 4.34 ng/ml



#41 AR-1268-1

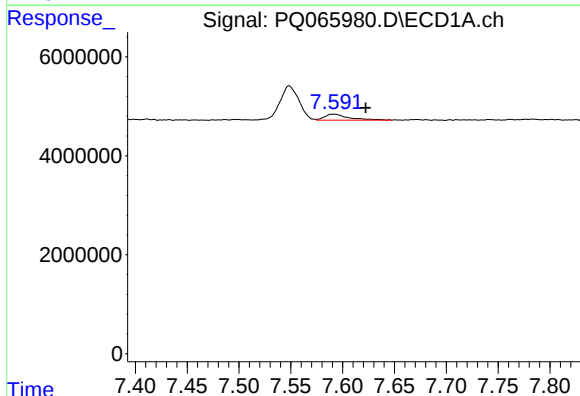
R.T.: 7.548 min
Delta R.T.: 0.005 min
Response: 9007872
Conc: 22.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543065



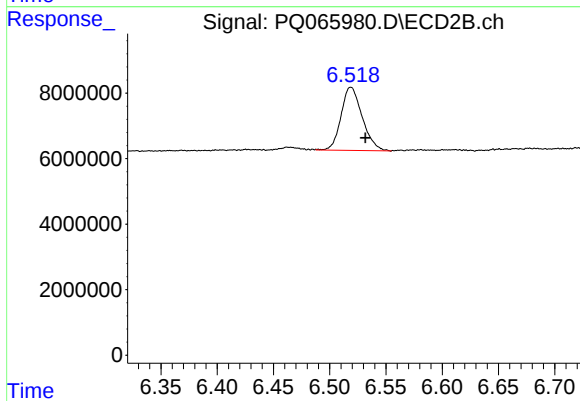
#41 AR-1268-1

R.T.: 6.519 min
Delta R.T.: 0.050 min
Response: 25138154
Conc: 22.89 ng/ml



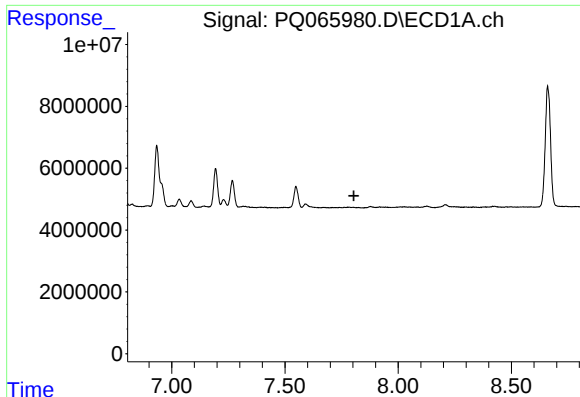
#42 AR-1268-2

R.T.: 7.592 min
Delta R.T.: -0.031 min
Response: 1985612
Conc: 5.53 ng/ml



#42 AR-1268-2

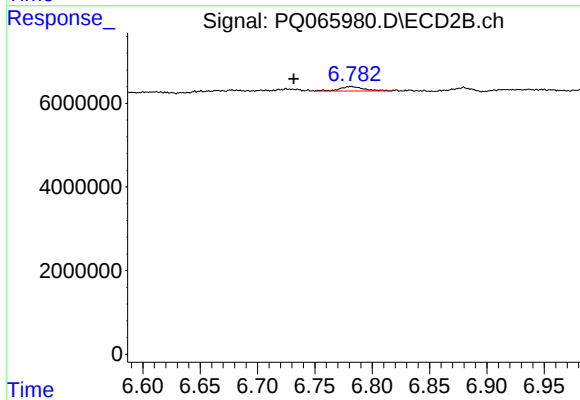
R.T.: 6.519 min
Delta R.T.: -0.013 min
Response: 25138154
Conc: 25.18 ng/ml



#43 AR-1268-3

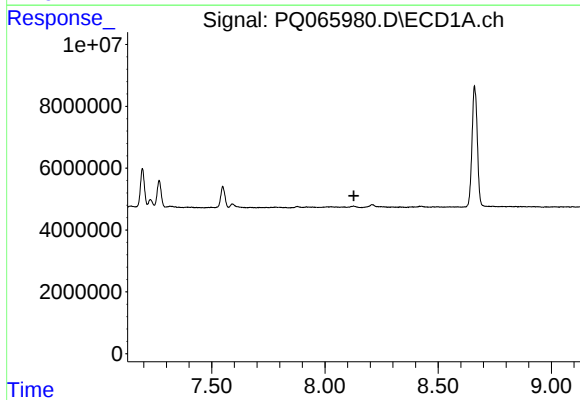
R.T.: 0.000 min
Exp R.T. : 7.804 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543065



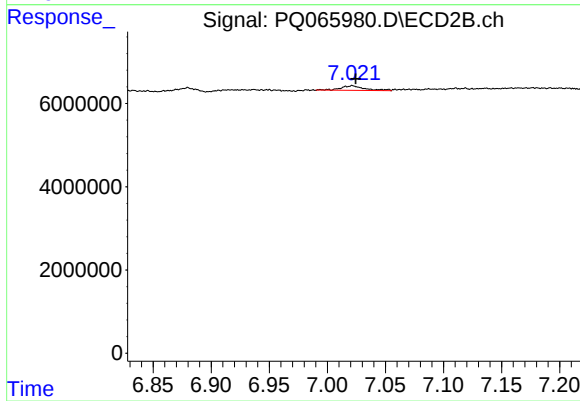
#43 AR-1268-3

R.T.: 6.782 min
Delta R.T.: 0.050 min
Response: 1519371
Conc: 1.75 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.128 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 1574813
Conc: 4.13 ng/ml