

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011621\
 Data File : PQ051758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 23:31
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 03:15:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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...	5.237	4.257	499.0E6	143.1E6	19.353	19.595
2)	SA Decachlor...	11.428	9.600	584.0E6	187.1E6	31.853	30.765
Target Compounds							
3)	L1 AR-1016-1	6.558	5.514	8127901	2063046	9.620	8.048
4)	L1 AR-1016-2	6.585	5.534	9723840	1793098	7.850	5.009 #
5)	L1 AR-1016-3	6.649	5.728	4442252	1160266	6.070	6.303
6)	L1 AR-1016-4	6.756	5.777	5731986	55133663	9.326	382.062 #
7)	L1 AR-1016-5	7.071	6.006	109.0E6	25696134	183.120	135.054 #
8)	L2 AR-1221-1	0.000	4.520	0	345684	N.D.	4.485 #
9)	L2 AR-1221-2	5.591	4.611	6427969	2195042	35.193	41.045
10)	L2 AR-1221-3	5.674	4.701	2752605	871972	4.460	4.760
11)	L3 AR-1232-1	5.674	4.701	2752605	871972	5.980	6.379
12)	L3 AR-1232-2	6.265	5.534	6660832	1793098	26.988	12.750 #
13)	L3 AR-1232-3	6.585	5.728	9723840	1160266	19.215	16.214
14)	L3 AR-1232-4	6.756	5.821	5731986	15470346	22.952	251.640 #
15)	L3 AR-1232-5	6.851	6.006	180.3E6	25696134	1016.017	400.566 #
16)	L4 AR-1242-1	6.558	5.514	8127901	2063046	11.567	9.812
17)	L4 AR-1242-2	6.585	5.534	9723840	1793098	9.436	6.145 #
18)	L4 AR-1242-3	6.649	5.728	4442252	1160266	7.225	7.690
19)	L4 AR-1242-4	6.756	5.821	5731986	15470346	11.153	106.864 #
20)	L4 AR-1242-5	7.541	6.387	114.7E6	145.1E6	208.087	759.502 #
21)	L5 AR-1248-1	6.558	5.514	8127901	2063046	14.367	12.277
22)	L5 AR-1248-2	6.851	5.777	180.3E6	55133663	224.055	243.436
23)	L5 AR-1248-3	7.071	5.821	109.0E6	15470346	117.527	65.789 #
24)	L5 AR-1248-4	7.498	6.006	170.2E6	25696134	160.371	93.477 #
25)	L5 AR-1248-5	7.541	6.430	114.7E6	17831493	110.554	61.797 #
26)	L6 AR-1254-1	7.468	6.387	349.8E6	145.1E6	355.721	341.952
27)	L6 AR-1254-2	7.695	6.545	517.8E6	125.2E6	340.053	341.178
28)	L6 AR-1254-3	8.079	6.966	535.2E6	198.9E6	323.925	326.017
29)	L6 AR-1254-4	8.373	7.205	367.1E6	119.8E6	308.772	317.274
30)	L6 AR-1254-5	8.802	7.634	380.5E6	165.0E6	301.489	314.212
31)	L7 AR-1260-1	8.245	7.104	192.7E6	87962566	186.013	247.966 #
32)	L7 AR-1260-2	8.507	7.298	213.8E6	73652193	172.895	166.478
33)	L7 AR-1260-3	8.865	7.454	42900959	75377781	47.243	181.903 #
34)	L7 AR-1260-4	9.110	7.939	138.0E6	7036473	129.411	20.290 #
35)	L7 AR-1260-5	9.463	8.183	56190780	17371815	25.234	20.120
36)	L8 AR-1262-1	8.865	7.634	42900959	165.0E6	28.274	575.640 #
37)	L8 AR-1262-2	9.463	8.183	56190780	17371815	20.027	17.038
38)	L8 AR-1262-3	9.822	8.467	37870813	567593	31.555	1.508 #
39)	L8 AR-1262-4	9.875	8.532	8756343	16634665	12.429	22.685 #
40)	L8 AR-1262-5	0.000	9.036	0	1486127	N.D.	4.514 #
41)	L9 AR-1268-1	9.822	8.467	37870813	567593	11.476	0.489 #

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 Acq On : 14 Jan 2021 23:31
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

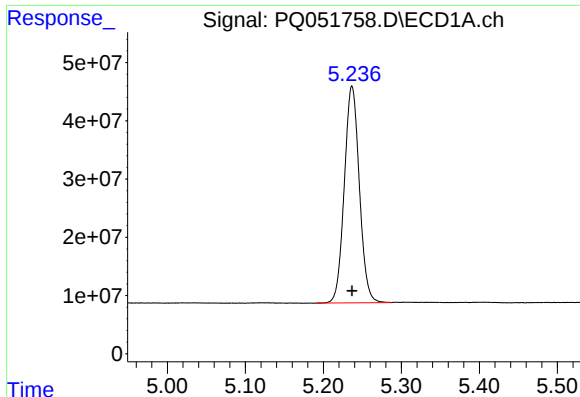
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 03:15:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 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	9.875	8.532	8756343	16634665	2.916	15.633 #
43) L9	AR-1268-3	0.000	8.747	0	520039	N.D.	0.583 #
44) L9	AR-1268-4	0.000	9.036	0	1486127	N.D.	4.029 #
45) L9	AR-1268-5	11.061	9.337	6351102	1389269	0.760	0.499 #

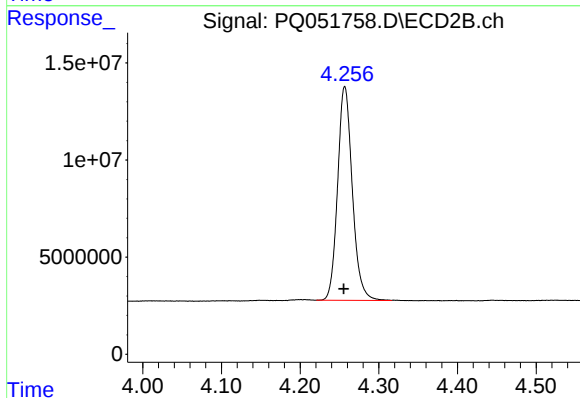
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

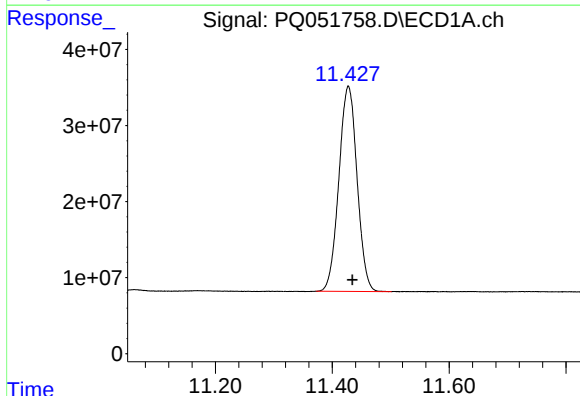
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 499016100
Conc: 19.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



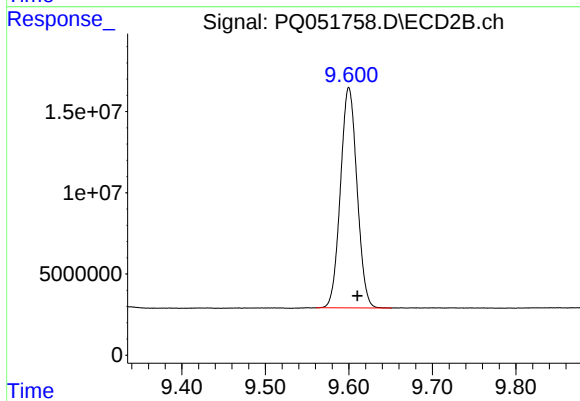
#1 Tetrachloro-m-xylene

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 143100669
Conc: 19.59 ng/ml



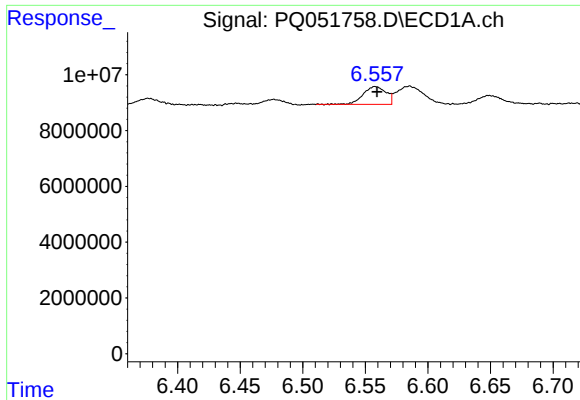
#2 Decachlorobiphenyl

R.T.: 11.428 min
Delta R.T.: -0.007 min
Response: 584005191
Conc: 31.85 ng/ml



#2 Decachlorobiphenyl

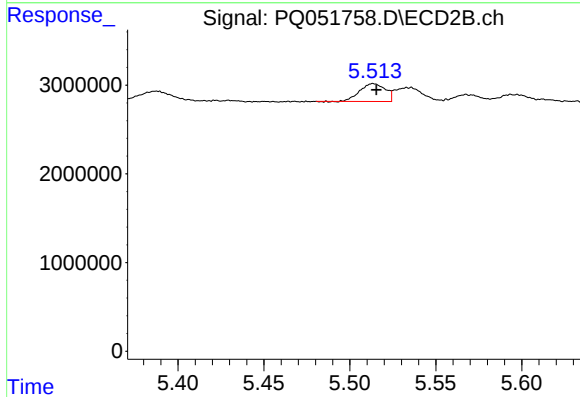
R.T.: 9.600 min
Delta R.T.: -0.011 min
Response: 187105800
Conc: 30.76 ng/ml



#3 AR-1016-1

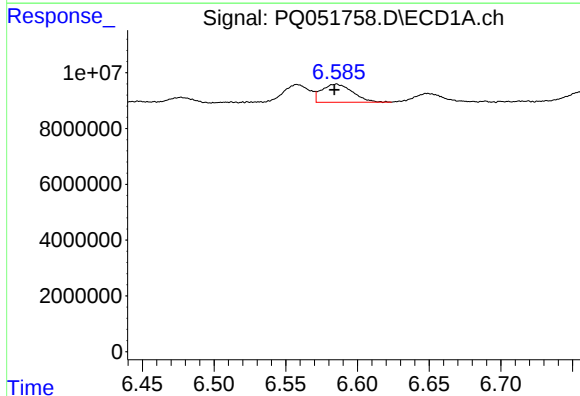
R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 8127901
Conc: 9.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



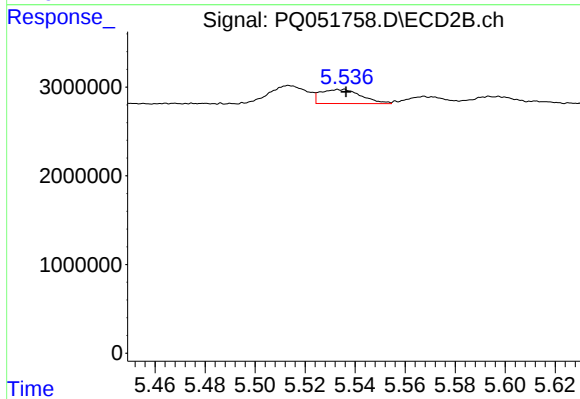
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 2063046
Conc: 8.05 ng/ml



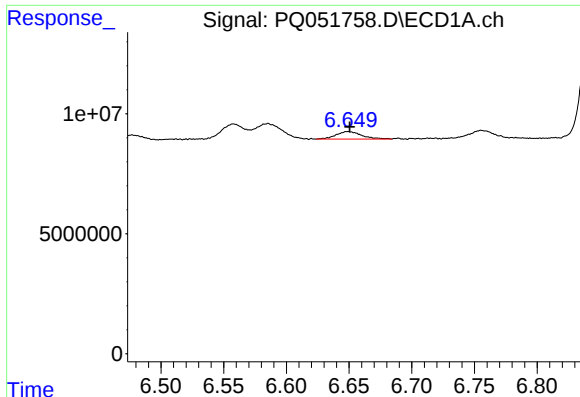
#4 AR-1016-2

R.T.: 6.585 min
Delta R.T.: 0.001 min
Response: 9723840
Conc: 7.85 ng/ml



#4 AR-1016-2

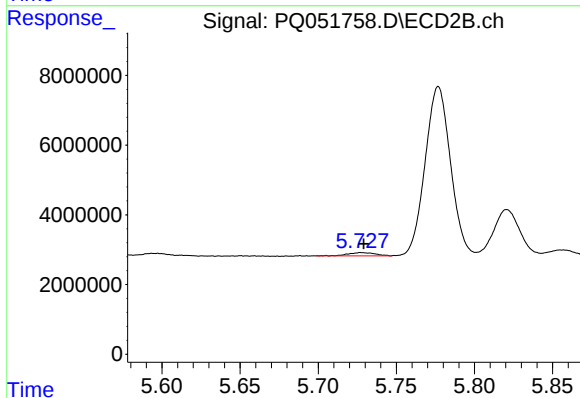
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 1793098
Conc: 5.01 ng/ml



#5 AR-1016-3

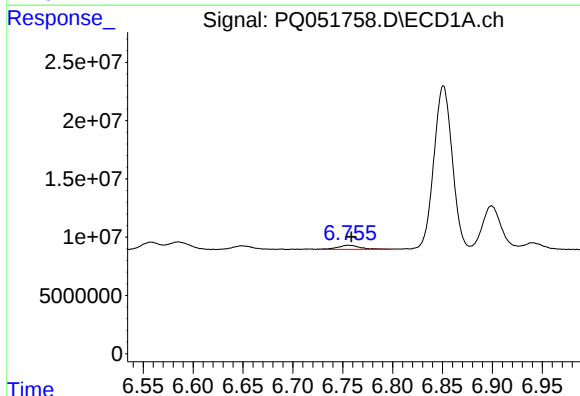
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 4442252
Conc: 6.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



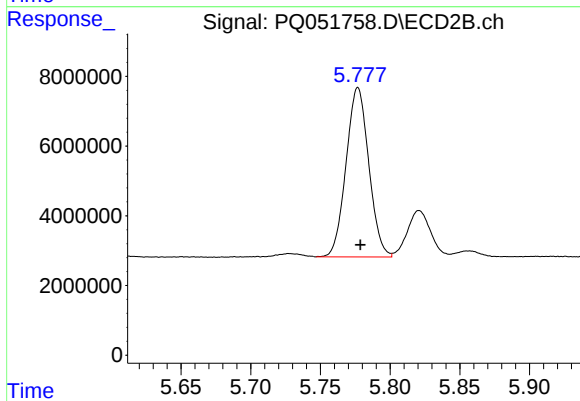
#5 AR-1016-3

R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 1160266
Conc: 6.30 ng/ml



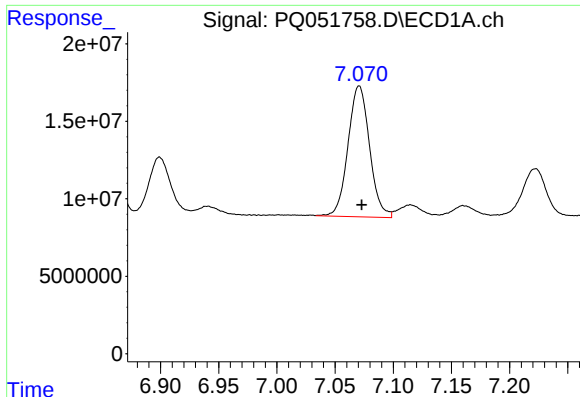
#6 AR-1016-4

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 5731986
Conc: 9.33 ng/ml



#6 AR-1016-4

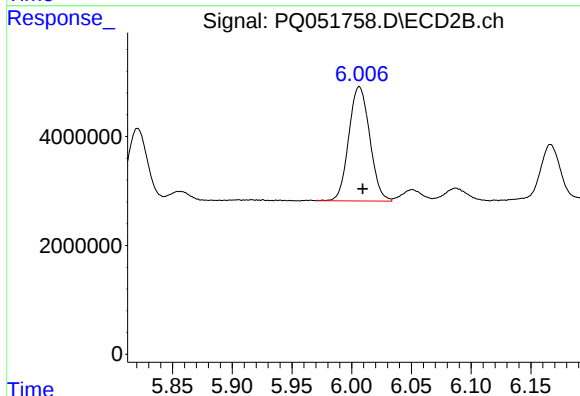
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 55133663
Conc: 382.06 ng/ml



#7 AR-1016-5

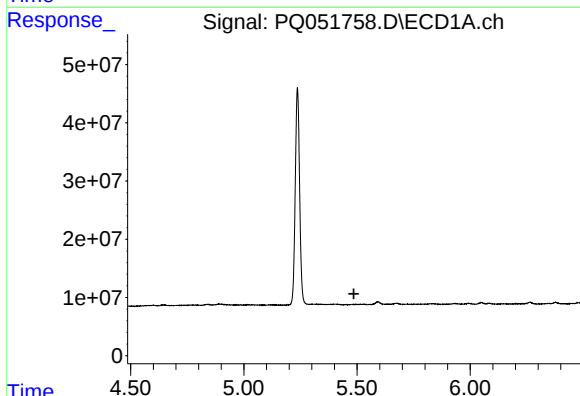
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 108955701
Conc: 183.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



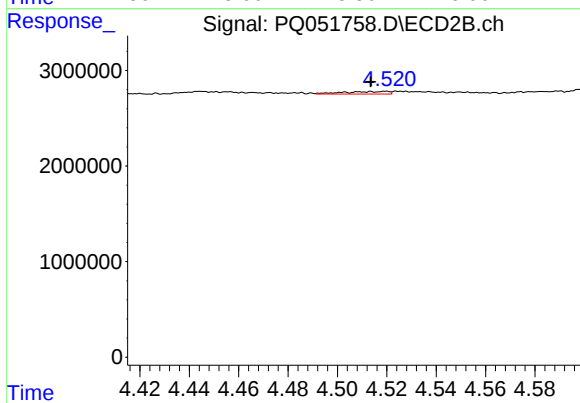
#7 AR-1016-5

R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 25696134
Conc: 135.05 ng/ml



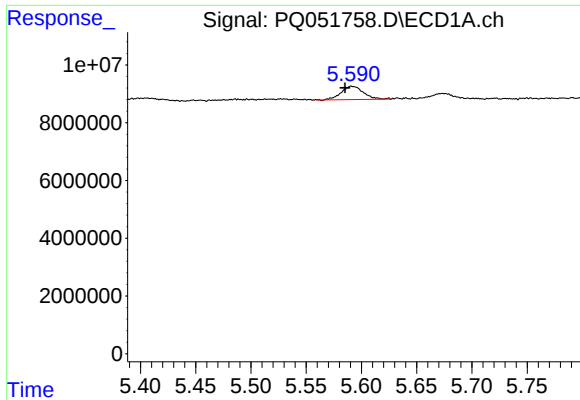
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#8 AR-1221-1

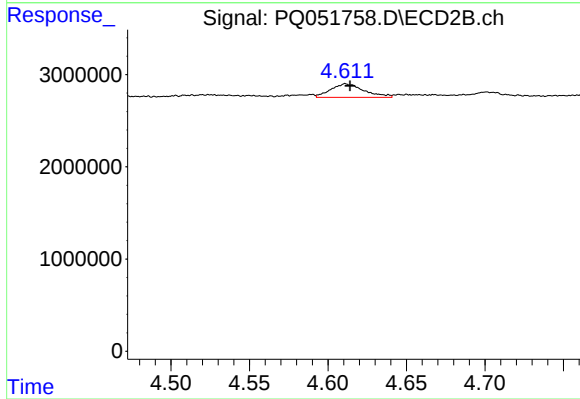
R.T.: 4.520 min
Delta R.T.: 0.006 min
Response: 345684
Conc: 4.48 ng/ml



#9 AR-1221-2

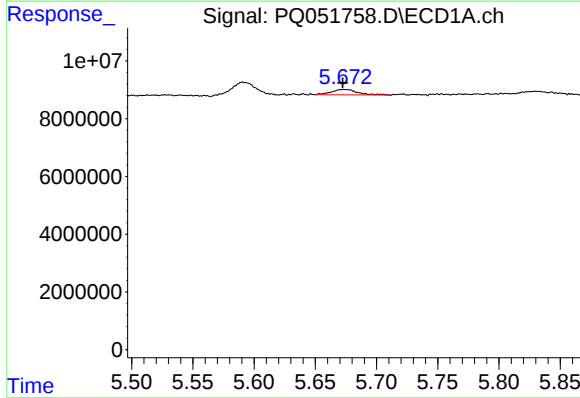
R.T.: 5.591 min
Delta R.T.: 0.006 min
Response: 6427969
Conc: 35.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



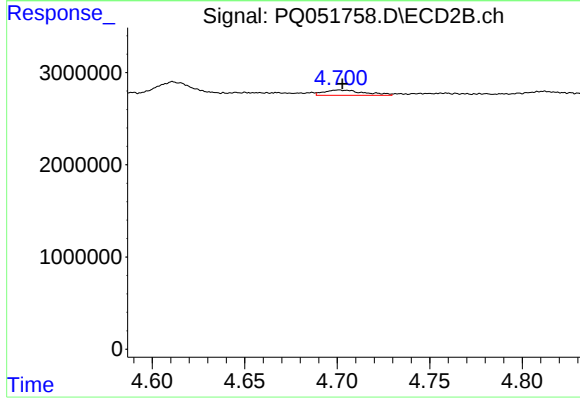
#9 AR-1221-2

R.T.: 4.611 min
Delta R.T.: -0.003 min
Response: 2195042
Conc: 41.05 ng/ml



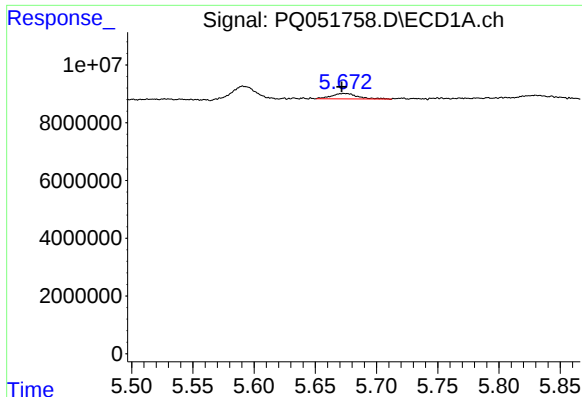
#10 AR-1221-3

R.T.: 5.674 min
Delta R.T.: 0.001 min
Response: 2752605
Conc: 4.46 ng/ml



#10 AR-1221-3

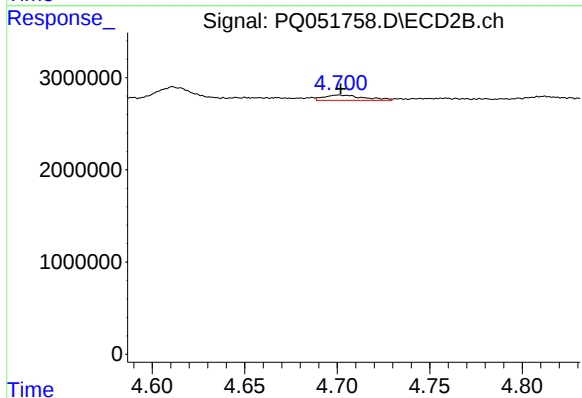
R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 871972
Conc: 4.76 ng/ml



#11 AR-1232-1

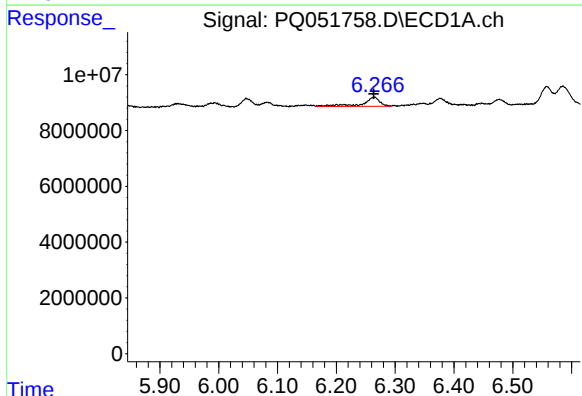
R.T.: 5.674 min
Delta R.T.: 0.002 min
Response: 2752605
Conc: 5.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



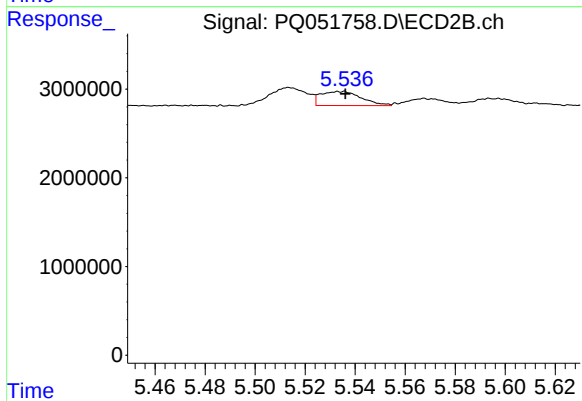
#11 AR-1232-1

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 871972
Conc: 6.38 ng/ml



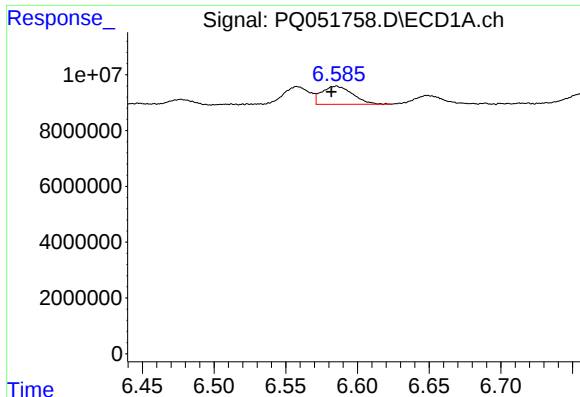
#12 AR-1232-2

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 6660832
Conc: 26.99 ng/ml



#12 AR-1232-2

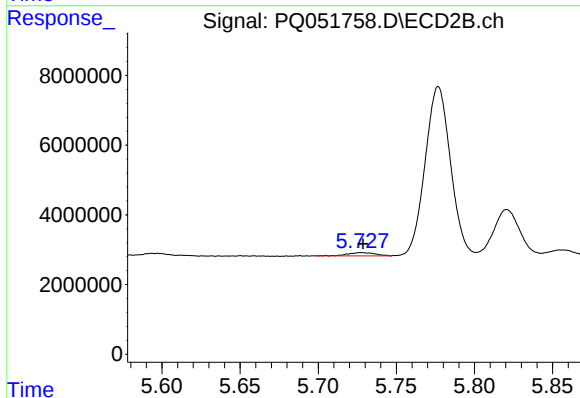
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 1793098
Conc: 12.75 ng/ml



#13 AR-1232-3

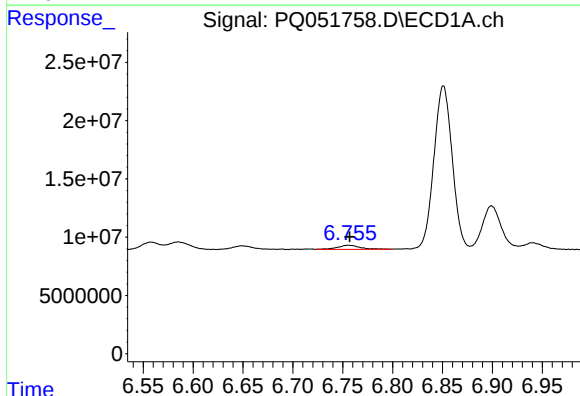
R.T.: 6.585 min
Delta R.T.: 0.003 min
Response: 9723840
Conc: 19.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



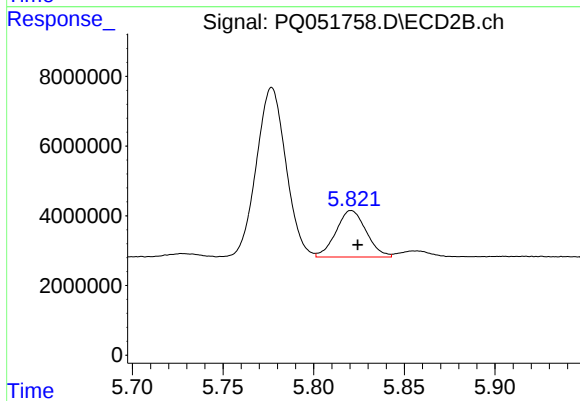
#13 AR-1232-3

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 1160266
Conc: 16.21 ng/ml



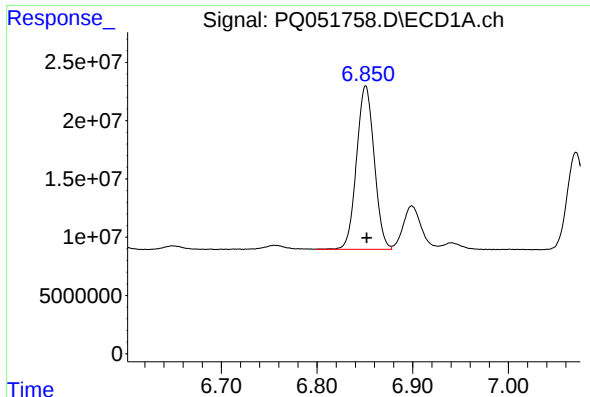
#14 AR-1232-4

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 5731986
Conc: 22.95 ng/ml



#14 AR-1232-4

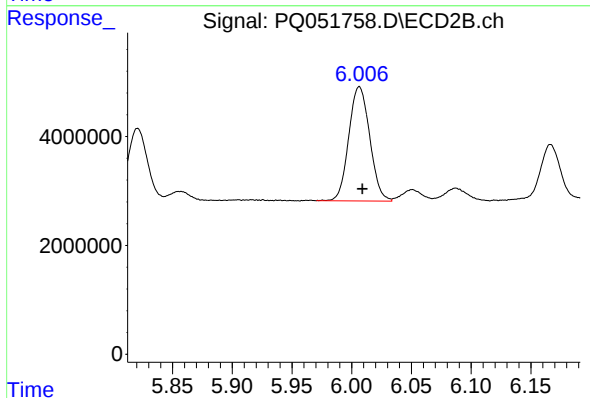
R.T.: 5.821 min
Delta R.T.: -0.004 min
Response: 15470346
Conc: 251.64 ng/ml



#15 AR-1232-5

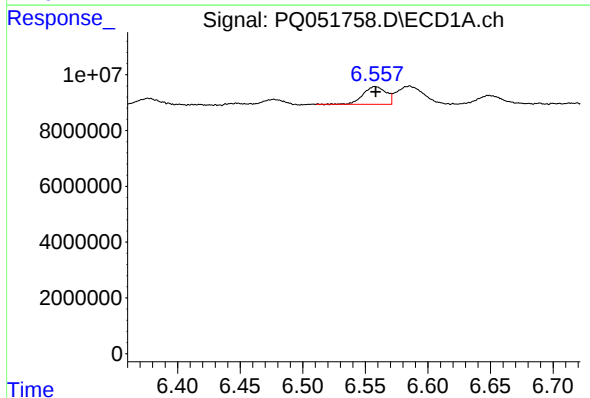
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 180252230
Conc: 1016.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



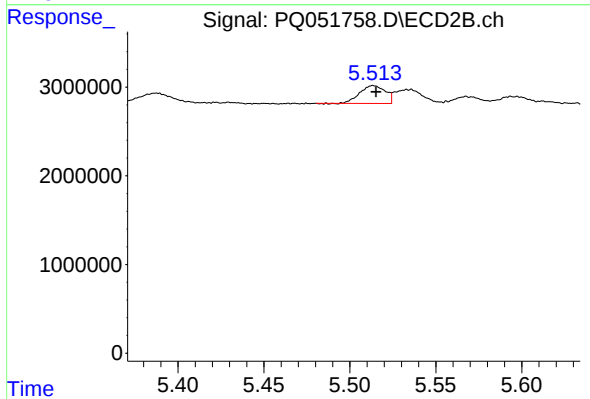
#15 AR-1232-5

R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 25696134
Conc: 400.57 ng/ml



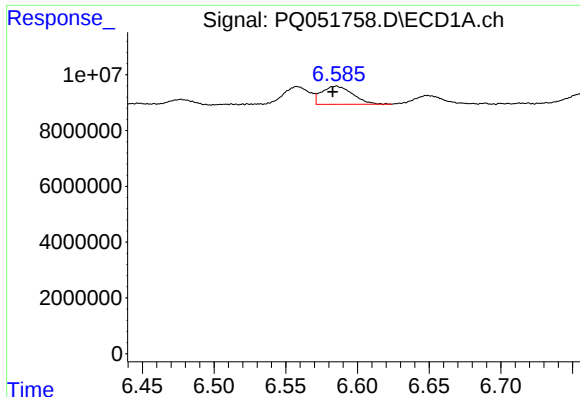
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 8127901
Conc: 11.57 ng/ml



#16 AR-1242-1

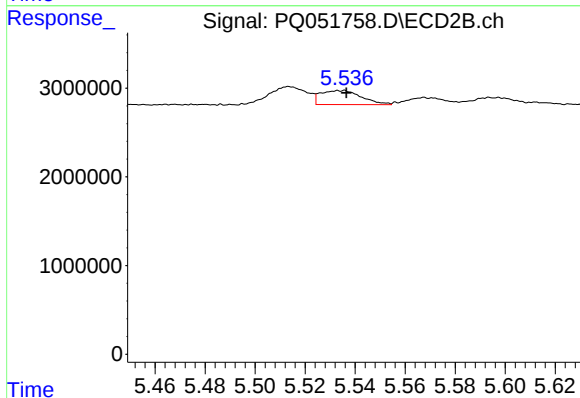
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 2063046
Conc: 9.81 ng/ml



#17 AR-1242-2

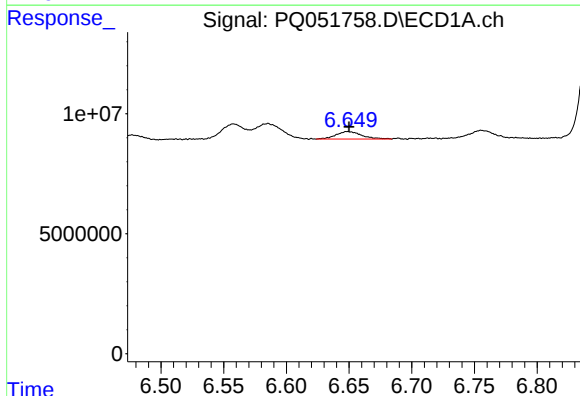
R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 9723840
Conc: 9.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



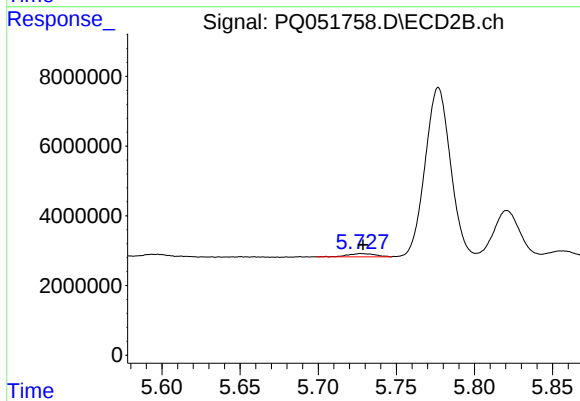
#17 AR-1242-2

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 1793098
Conc: 6.14 ng/ml



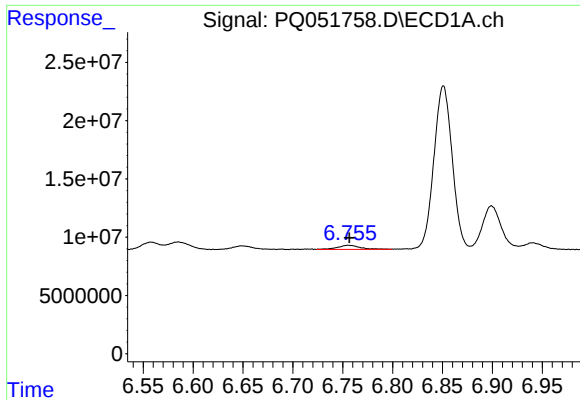
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 4442252
Conc: 7.22 ng/ml



#18 AR-1242-3

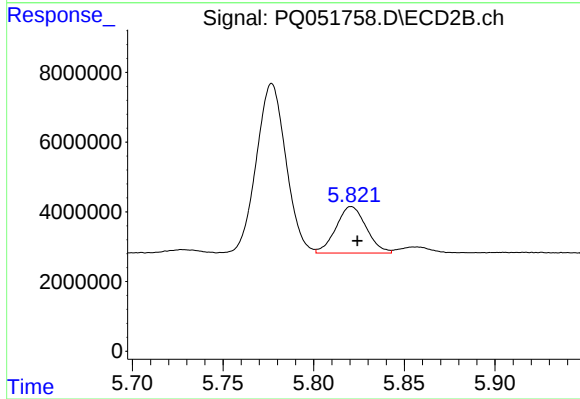
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 1160266
Conc: 7.69 ng/ml



#19 AR-1242-4

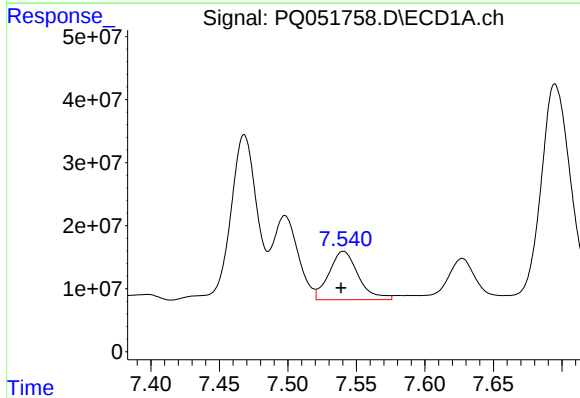
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 5731986
Conc: 11.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



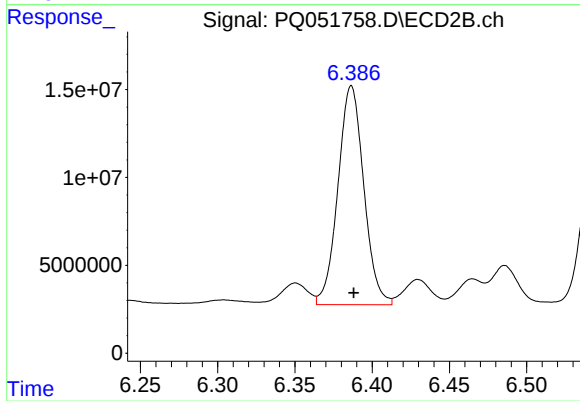
#19 AR-1242-4

R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 15470346
Conc: 106.86 ng/ml



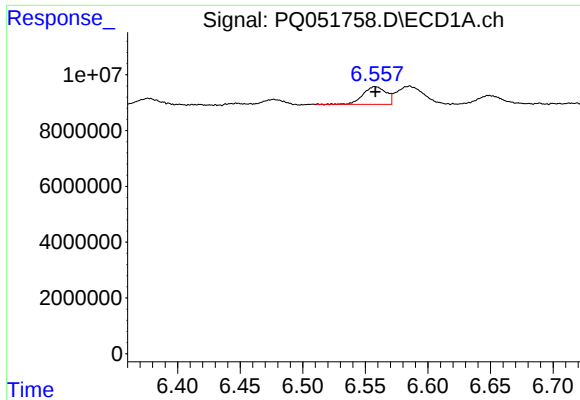
#20 AR-1242-5

R.T.: 7.541 min
Delta R.T.: 0.002 min
Response: 114716098
Conc: 208.09 ng/ml



#20 AR-1242-5

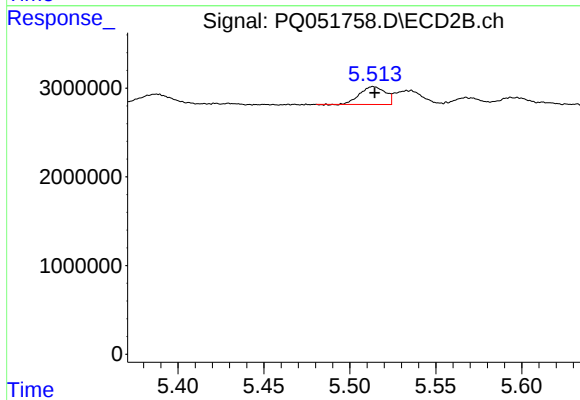
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 145121654
Conc: 759.50 ng/ml



#21 AR-1248-1

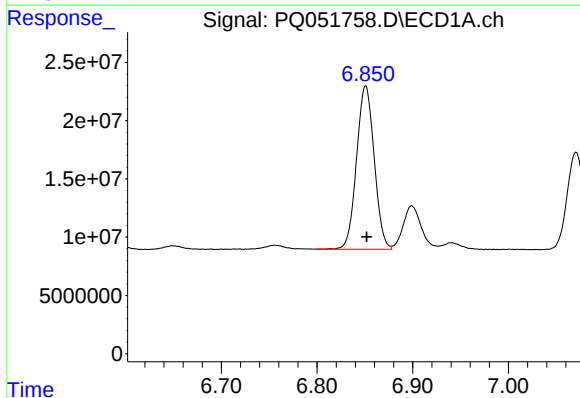
R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 8127901
Conc: 14.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



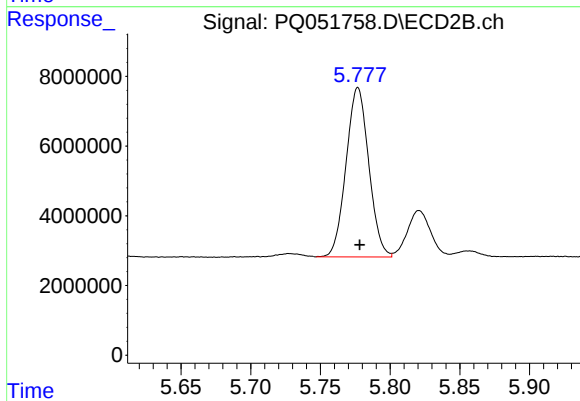
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 2063046
Conc: 12.28 ng/ml



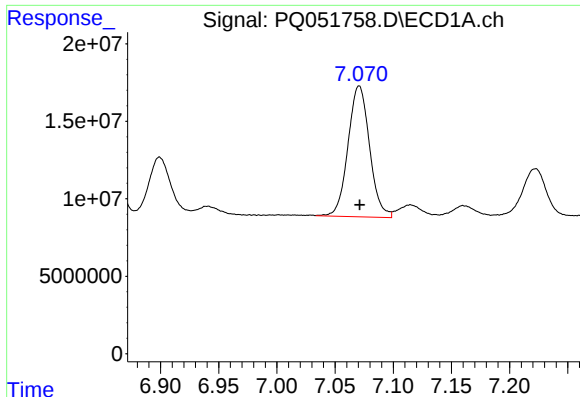
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 180252230
Conc: 224.06 ng/ml



#22 AR-1248-2

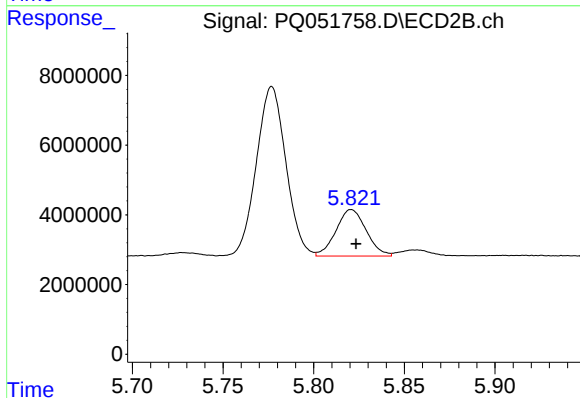
R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 55133663
Conc: 243.44 ng/ml



#23 AR-1248-3

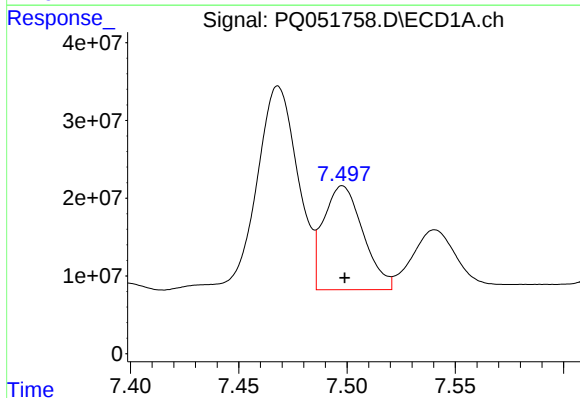
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 108955701
Conc: 117.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



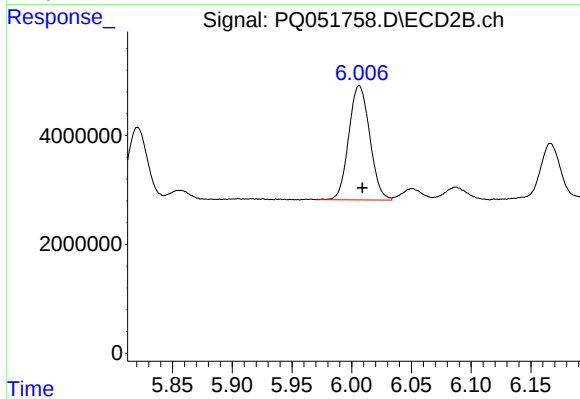
#23 AR-1248-3

R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 15470346
Conc: 65.79 ng/ml



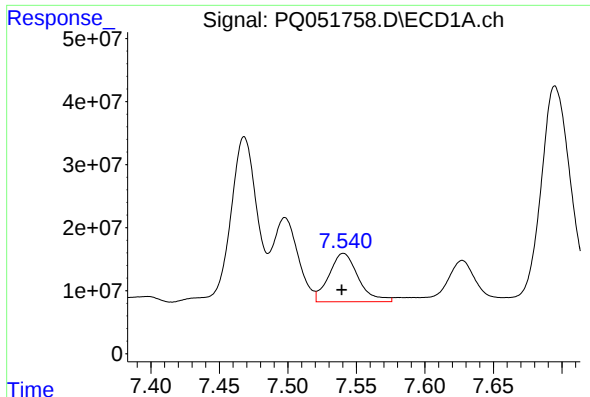
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 170168949
Conc: 160.37 ng/ml



#24 AR-1248-4

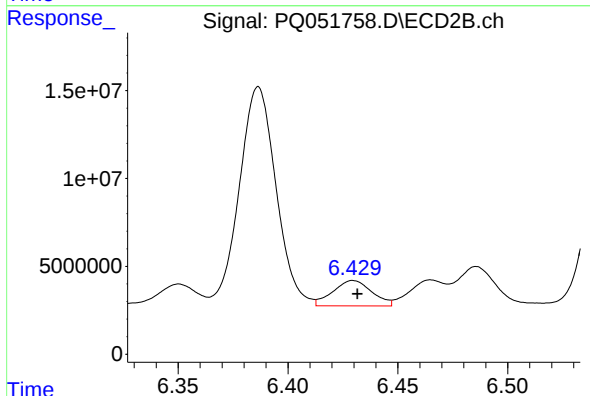
R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 25696134
Conc: 93.48 ng/ml



#25 AR-1248-5

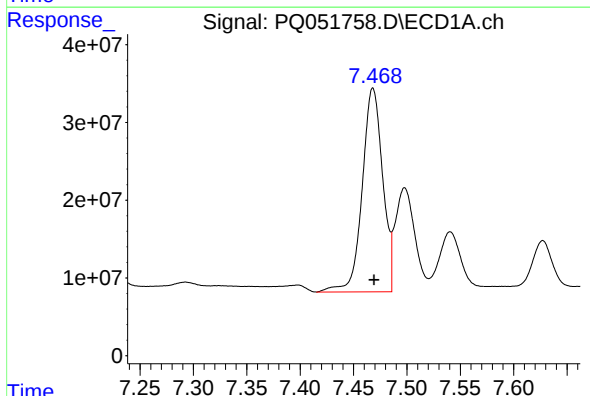
R.T.: 7.541 min
Delta R.T.: 0.001 min
Response: 114716098
Conc: 110.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



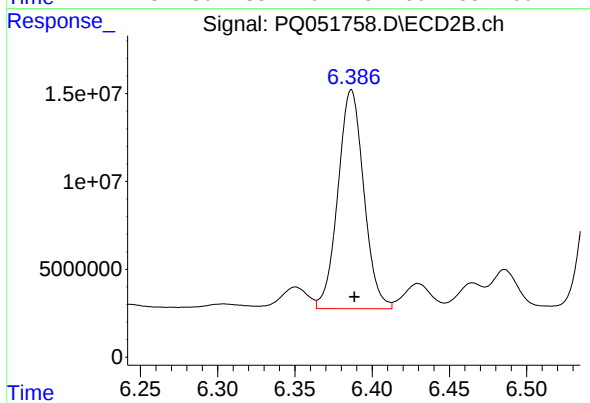
#25 AR-1248-5

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 17831493
Conc: 61.80 ng/ml



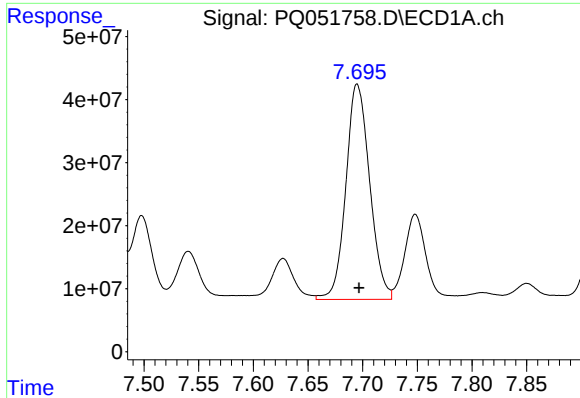
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 349836556
Conc: 355.72 ng/ml



#26 AR-1254-1

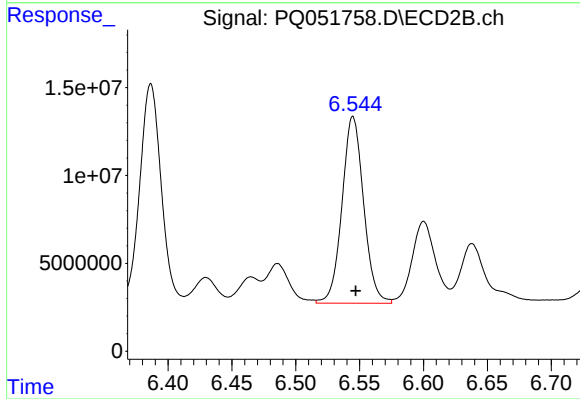
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 145121654
Conc: 341.95 ng/ml



#27 AR-1254-2

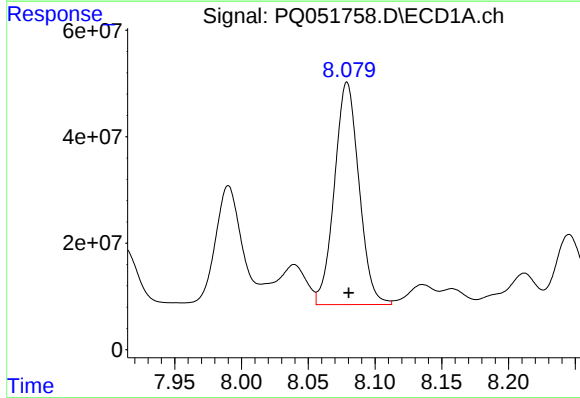
R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 517801015
Conc: 340.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



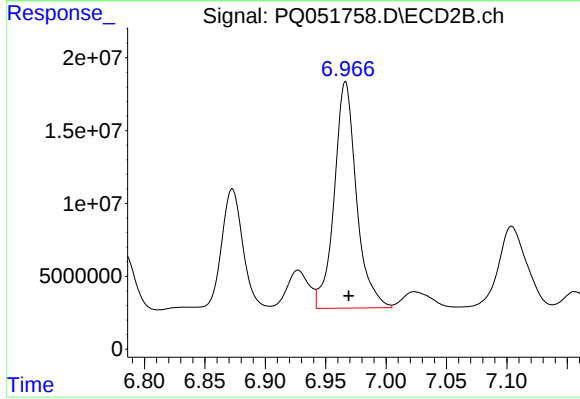
#27 AR-1254-2

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 125233091
Conc: 341.18 ng/ml



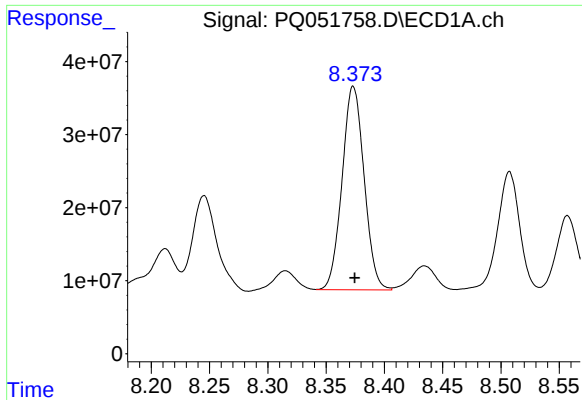
#28 AR-1254-3

R.T.: 8.079 min
Delta R.T.: -0.001 min
Response: 535210296
Conc: 323.92 ng/ml



#28 AR-1254-3

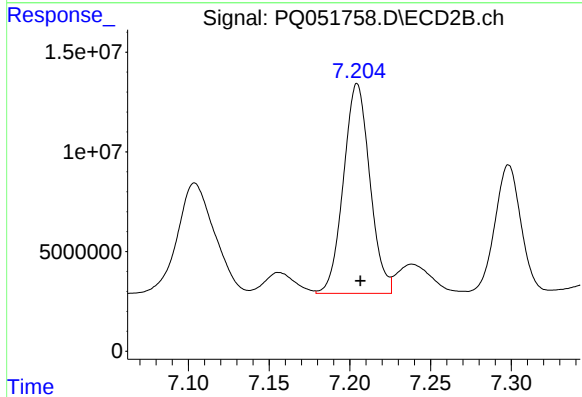
R.T.: 6.966 min
Delta R.T.: -0.003 min
Response: 198942389
Conc: 326.02 ng/ml



#29 AR-1254-4

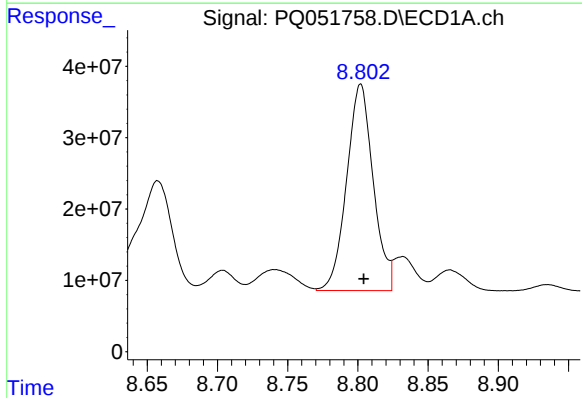
R.T.: 8.373 min
Delta R.T.: -0.001 min
Response: 367134848
Conc: 308.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



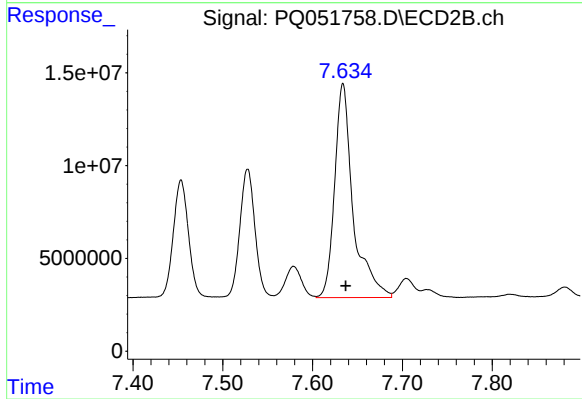
#29 AR-1254-4

R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 119824279
Conc: 317.27 ng/ml



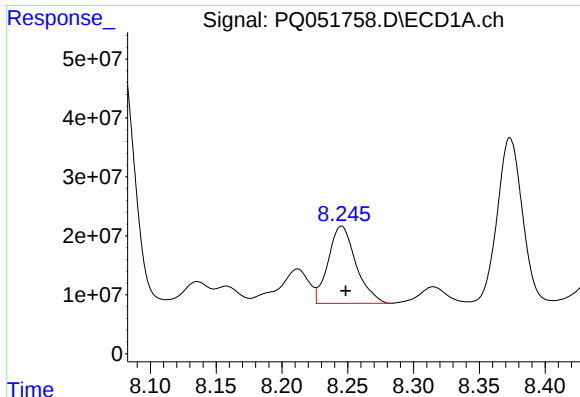
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: -0.002 min
Response: 380516746
Conc: 301.49 ng/ml



#30 AR-1254-5

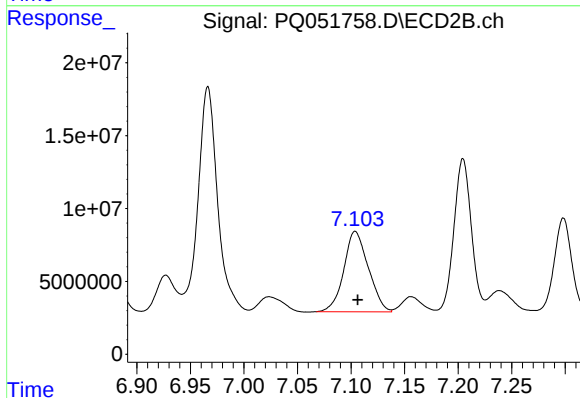
R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 165031242
Conc: 314.21 ng/ml



#31 AR-1260-1

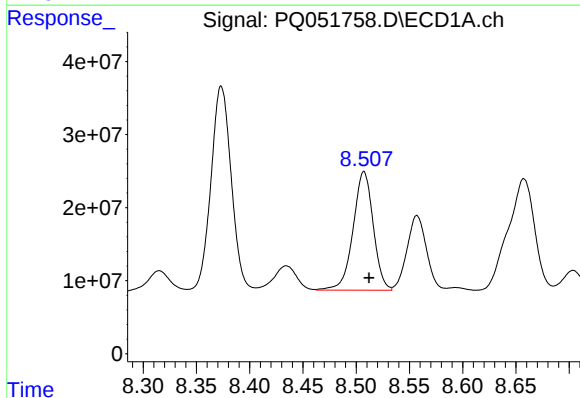
R.T.: 8.245 min
Delta R.T.: -0.003 min
Response: 192662526
Conc: 186.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



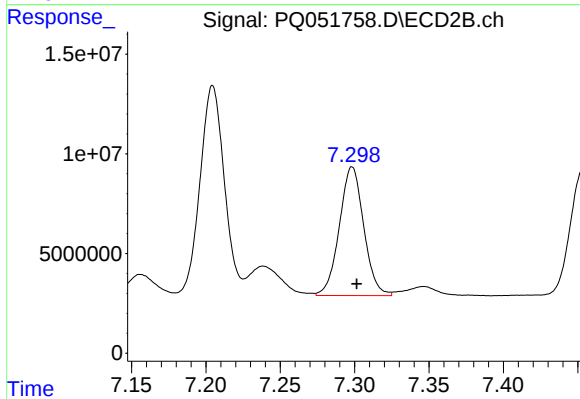
#31 AR-1260-1

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 87962566
Conc: 247.97 ng/ml



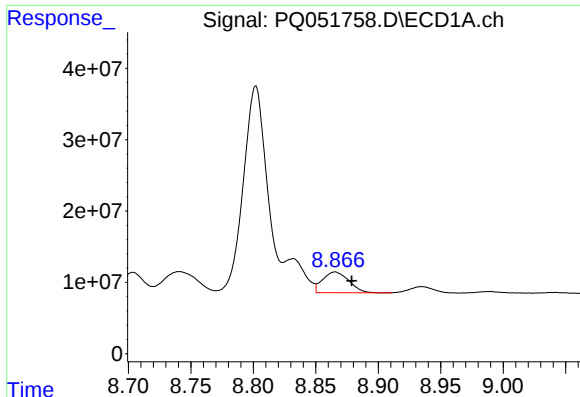
#32 AR-1260-2

R.T.: 8.507 min
Delta R.T.: -0.005 min
Response: 213805615
Conc: 172.89 ng/ml



#32 AR-1260-2

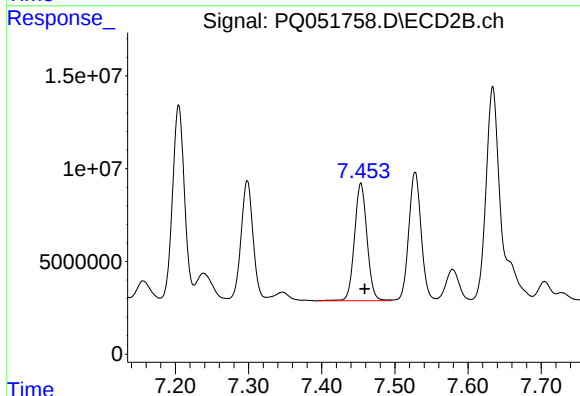
R.T.: 7.298 min
Delta R.T.: -0.003 min
Response: 73652193
Conc: 166.48 ng/ml



#33 AR-1260-3

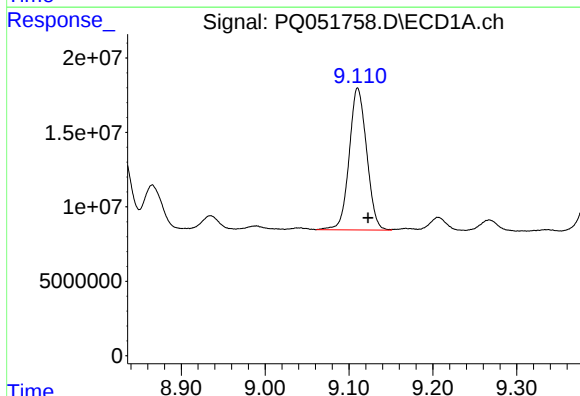
R.T.: 8.865 min
Delta R.T.: -0.013 min
Response: 42900959
Conc: 47.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



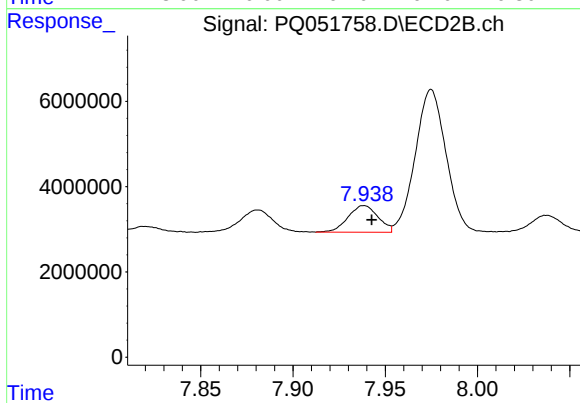
#33 AR-1260-3

R.T.: 7.454 min
Delta R.T.: -0.005 min
Response: 75377781
Conc: 181.90 ng/ml



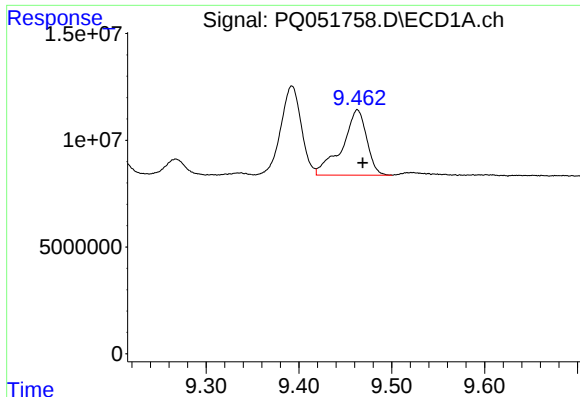
#34 AR-1260-4

R.T.: 9.110 min
Delta R.T.: -0.013 min
Response: 137968078
Conc: 129.41 ng/ml



#34 AR-1260-4

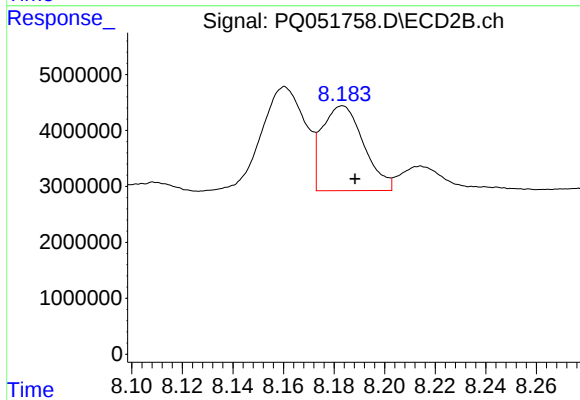
R.T.: 7.939 min
Delta R.T.: -0.004 min
Response: 7036473
Conc: 20.29 ng/ml



#35 AR-1260-5

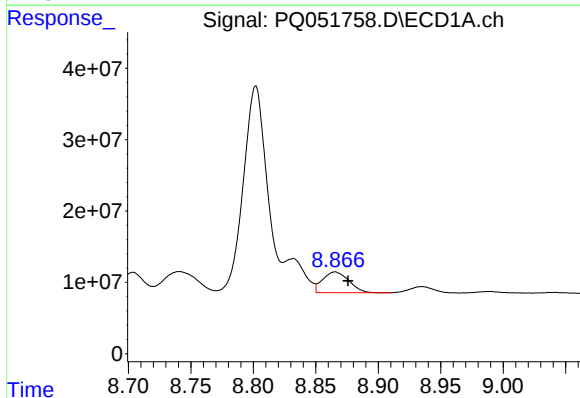
R.T.: 9.463 min
Delta R.T.: -0.006 min
Response: 56190780
Conc: 25.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



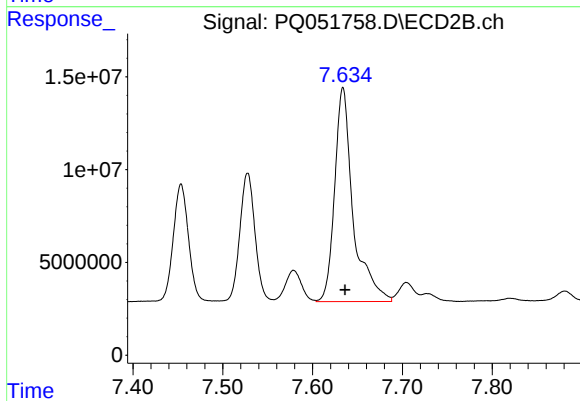
#35 AR-1260-5

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 17371815
Conc: 20.12 ng/ml



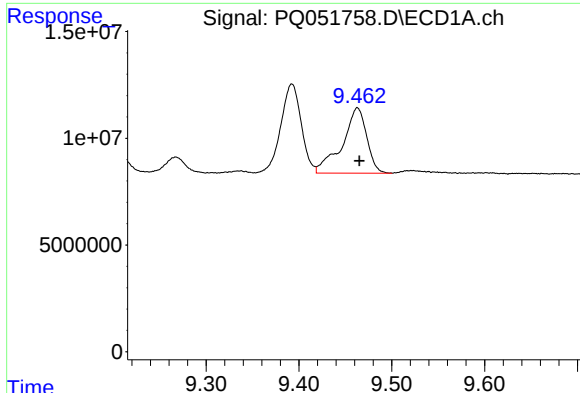
#36 AR-1262-1

R.T.: 8.865 min
Delta R.T.: -0.010 min
Response: 42900959
Conc: 28.27 ng/ml



#36 AR-1262-1

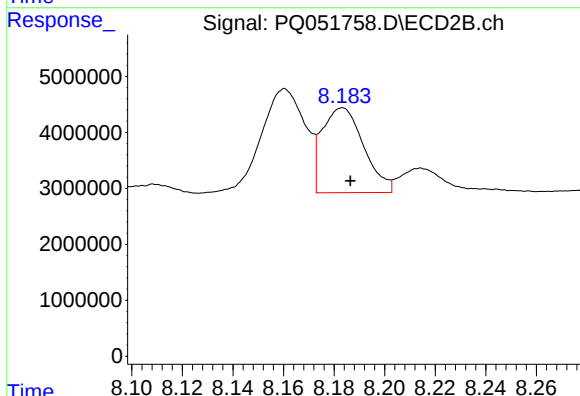
R.T.: 7.634 min
Delta R.T.: -0.002 min
Response: 165031242
Conc: 575.64 ng/ml



#37 AR-1262-2

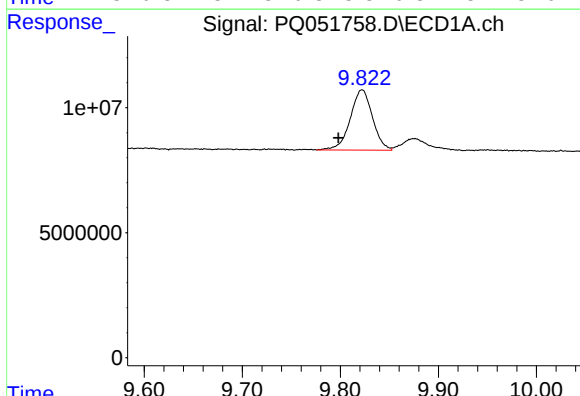
R.T.: 9.463 min
Delta R.T.: -0.002 min
Response: 56190780
Conc: 20.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



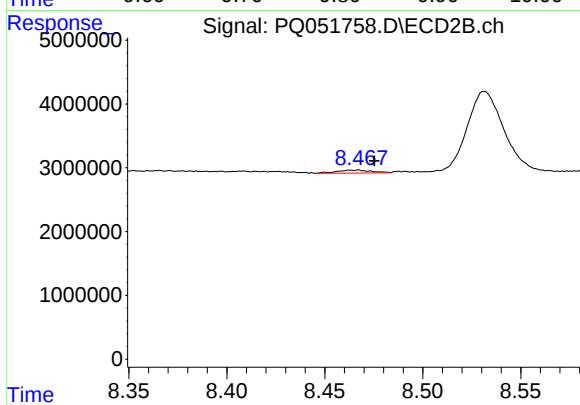
#37 AR-1262-2

R.T.: 8.183 min
Delta R.T.: -0.003 min
Response: 17371815
Conc: 17.04 ng/ml



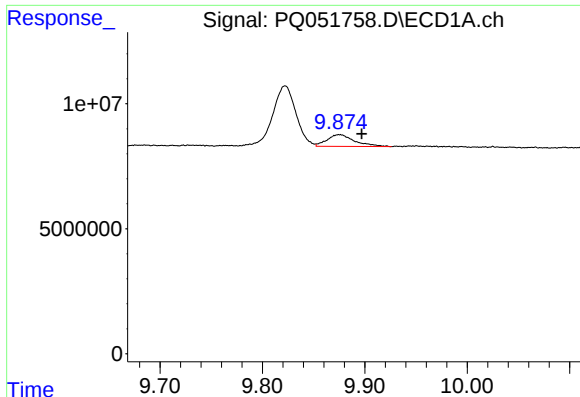
#38 AR-1262-3

R.T.: 9.822 min
Delta R.T.: 0.024 min
Response: 37870813
Conc: 31.56 ng/ml



#38 AR-1262-3

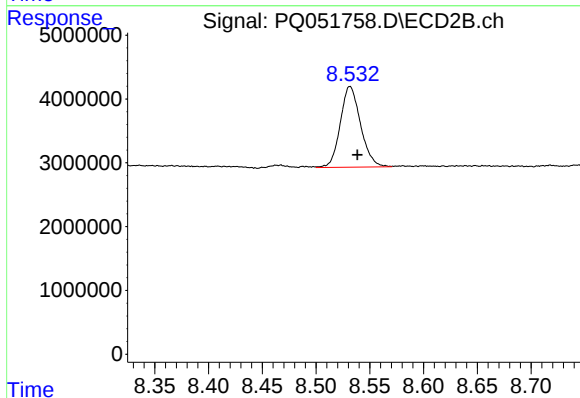
R.T.: 8.467 min
Delta R.T.: -0.008 min
Response: 567593
Conc: 1.51 ng/ml



#39 AR-1262-4

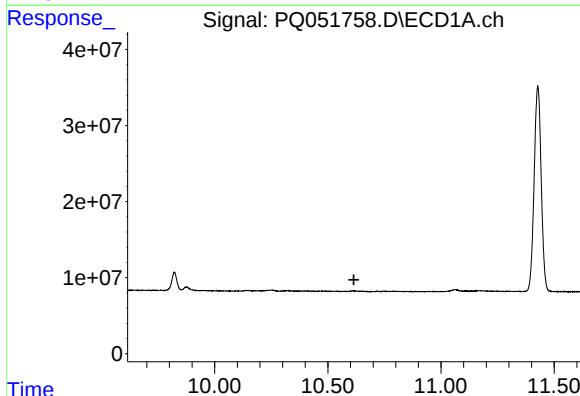
R.T.: 9.875 min
Delta R.T.: -0.022 min
Response: 8756343
Conc: 12.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



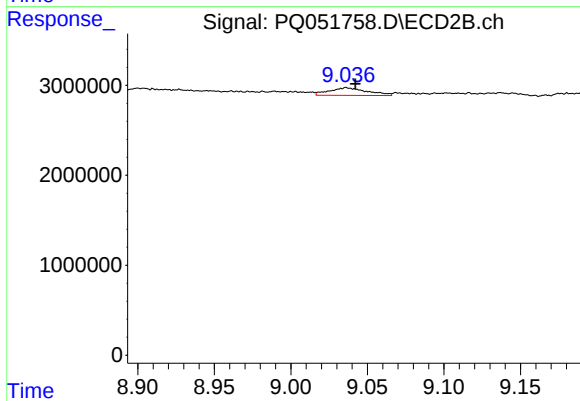
#39 AR-1262-4

R.T.: 8.532 min
Delta R.T.: -0.007 min
Response: 16634665
Conc: 22.69 ng/ml



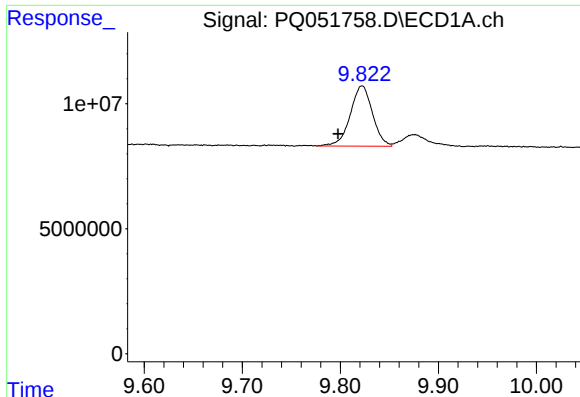
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.615 min
Response: 0
Conc: N.D.



#40 AR-1262-5

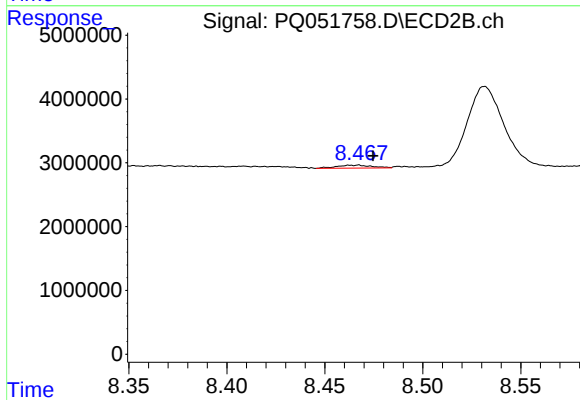
R.T.: 9.036 min
Delta R.T.: -0.006 min
Response: 1486127
Conc: 4.51 ng/ml



#41 AR-1268-1

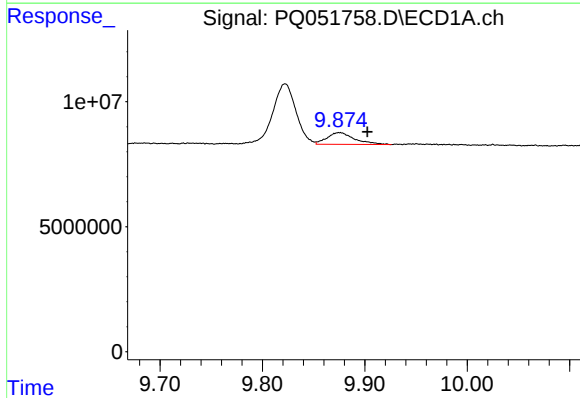
R.T.: 9.822 min
Delta R.T.: 0.025 min
Response: 37870813
Conc: 11.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



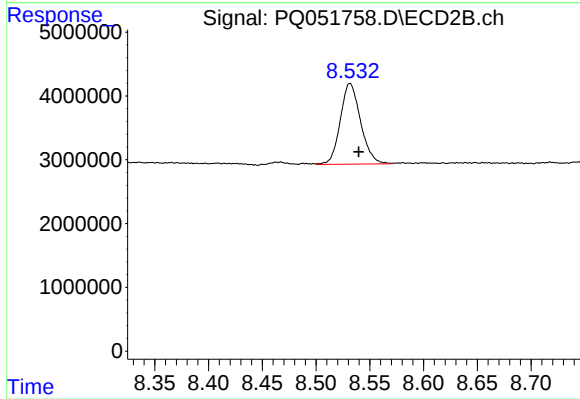
#41 AR-1268-1

R.T.: 8.467 min
Delta R.T.: -0.008 min
Response: 567593
Conc: 0.49 ng/ml



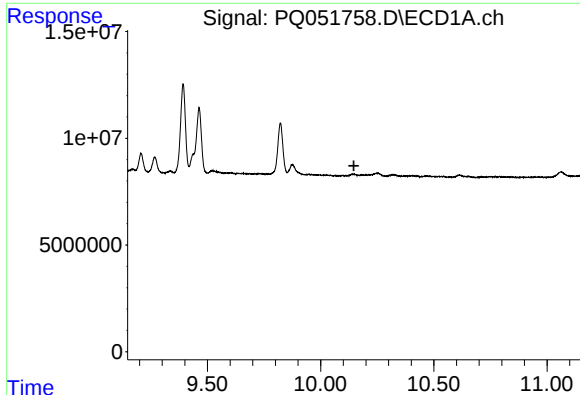
#42 AR-1268-2

R.T.: 9.875 min
Delta R.T.: -0.027 min
Response: 8756343
Conc: 2.92 ng/ml



#42 AR-1268-2

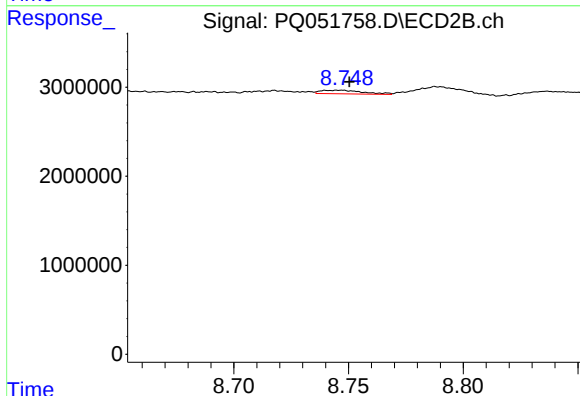
R.T.: 8.532 min
Delta R.T.: -0.008 min
Response: 16634665
Conc: 15.63 ng/ml



#43 AR-1268-3

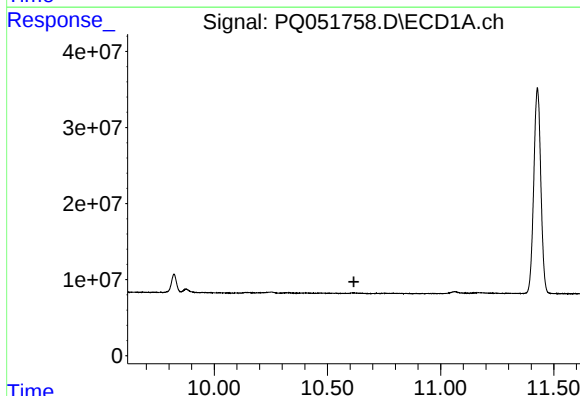
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



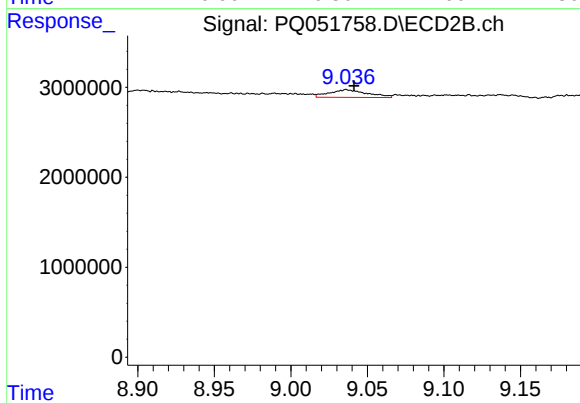
#43 AR-1268-3

R.T.: 8.747 min
Delta R.T.: -0.004 min
Response: 520039
Conc: 0.58 ng/ml



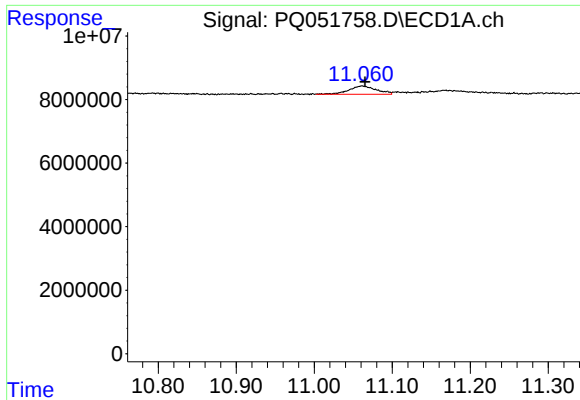
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.617 min
Response: 0
Conc: N.D.



#44 AR-1268-4

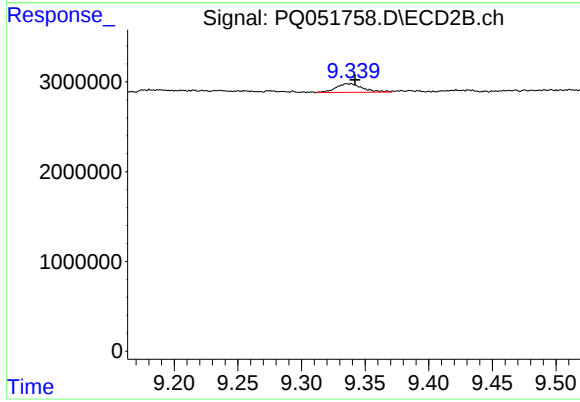
R.T.: 9.036 min
Delta R.T.: -0.005 min
Response: 1486127
Conc: 4.03 ng/ml



#45 AR-1268-5

R.T.: 11.061 min
Delta R.T.: -0.004 min
Response: 6351102
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: -0.005 min
Response: 1389269
Conc: 0.50 ng/ml