

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091222\
 Data File : PQ059100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 12:41
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 13:22:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090922CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 10 15:26:37 2022
 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...	4.696	4.043	228.5E6	159.2E6	23.429	23.181
2)	SA Decachlor...	10.596	9.154	202.3E6	205.8E6	46.844	46.167
Target Compounds							
3)	L1 AR-1016-1	5.877	5.139	111.6E6	90393650	489.802	473.209
4)	L1 AR-1016-2	5.899	5.158	155.9E6	127.0E6	492.190	479.245
5)	L1 AR-1016-3	5.961	5.338	97629675	64377411	495.571	469.464
6)	L1 AR-1016-4	6.063	5.375	79678285	54765787	490.645	466.950
7)	L1 AR-1016-5	6.355	5.593	82191160	71697352	475.941	460.818
8)	L2 AR-1221-1	4.905	4.256	12628916	8424320	133.433	130.686
9)	L2 AR-1221-2	4.997	4.344	16296751	11496513	248.749	251.186
10)	L2 AR-1221-3	5.074	4.421	65053110	49106234	317.329	319.804
11)	L3 AR-1232-1	5.074	4.421	65053110	49106234	372.136	384.851
12)	L3 AR-1232-2	5.608	5.158	95503139	127.0E6	995.909	1091.591
13)	L3 AR-1232-3	5.899	5.338	155.9E6	64377411	1035.597	1122.266
14)	L3 AR-1232-4	6.063	5.419	79678285	68158487	1056.538	1174.028
15)	L3 AR-1232-5	6.148	5.593	72595727	71697352	1086.418	1117.265
16)	L4 AR-1242-1	5.877	5.139	111.6E6	90393650	529.366	563.825
17)	L4 AR-1242-2	5.899	5.158	155.9E6	127.0E6	536.396	580.174
18)	L4 AR-1242-3	5.961	5.338	97629675	64377411	539.532	567.990
19)	L4 AR-1242-4	6.063	5.419	79678285	68158487	536.848	556.910
20)	L4 AR-1242-5	6.800	5.946	18193336	68809355	136.309	482.171 #
21)	L5 AR-1248-1	5.877	5.139	111.6E6	90393650	705.242	753.589
22)	L5 AR-1248-2	6.148	5.375	72595727	54765787	291.942	310.553
23)	L5 AR-1248-3	6.355	5.419	82191160	68158487	305.288	373.313
24)	L5 AR-1248-4	6.759	5.593	22442315	71697352	92.065	331.299 #
25)	L5 AR-1248-5	6.800	5.987	18193336	16375327	79.761	86.578
26)	L6 AR-1254-1	6.732	5.946	67941929	68809355	223.101	210.386
27)	L6 AR-1254-2	6.947	6.090	56006762	49641700	126.578	174.681 #
28)	L6 AR-1254-3	7.319	6.511	23519314	115.5E6	54.291	256.598 #
29)	L6 AR-1254-4	7.604	6.725	14188800	5980519	53.504	20.850 #
30)	L6 AR-1254-5	8.023	7.143	163.9E6	166.3E6	538.443	456.888
31)	L7 AR-1260-1	7.479	6.627	132.7E6	137.8E6	450.599	458.573
32)	L7 AR-1260-2	7.735	6.812	146.8E6	159.8E6	459.578	464.692
33)	L7 AR-1260-3	8.094	6.971	109.5E6	147.0E6	453.614	452.295
34)	L7 AR-1260-4	8.335	7.442	122.9E6	120.3E6	453.635	457.513
35)	L7 AR-1260-5	8.674	7.680	229.9E6	273.5E6	464.103	464.875
36)	L8 AR-1262-1	8.094	7.143	109.5E6	166.3E6	273.514	875.686 #
37)	L8 AR-1262-2	8.674	7.680	229.9E6	273.5E6	357.687	409.675
38)	L8 AR-1262-3	9.001	7.965	48541856	56934248	161.793	218.019 #
39)	L8 AR-1262-4	9.081	8.030	87570189	189.0E6	552.674	394.622 #
40)	L8 AR-1262-5	9.801	8.552	59722329	59527236	273.661	294.121
41)	L9 AR-1268-1	9.001	7.965	48541856	56934248	59.488	71.434

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091222\
 Data File : PQ059100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 12:41
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

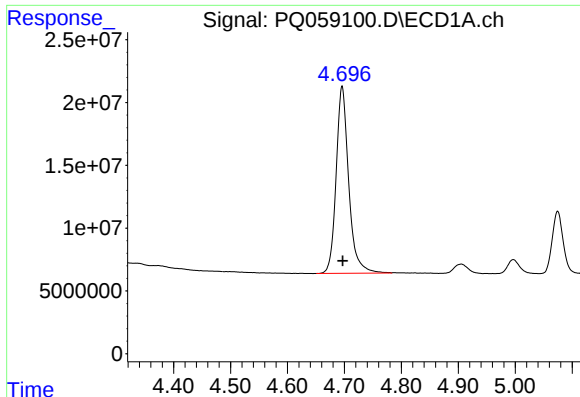
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 13:22:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090922CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 10 15:26:37 2022
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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	9.081	8.030	87570189	189.0E6	121.896	260.409 #
43) L9	AR-1268-3	9.337	8.245	3343924	2736045	5.112	4.364
44) L9	AR-1268-4	9.801	8.552	59722329	59527236	245.086	260.618
45) L9	AR-1268-5	10.239	8.872	16392702	17483455	8.199	9.090

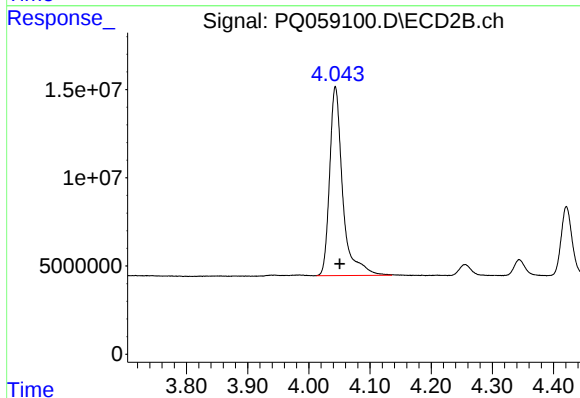
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

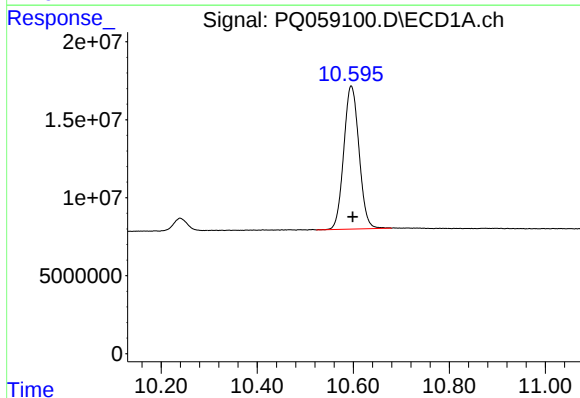
R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 228450710
Conc: 23.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



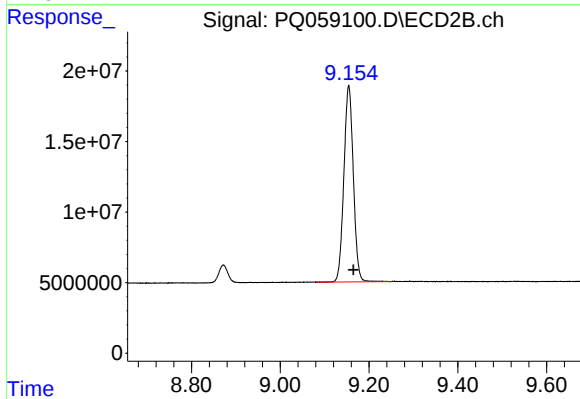
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.007 min
Response: 159166014
Conc: 23.18 ng/ml



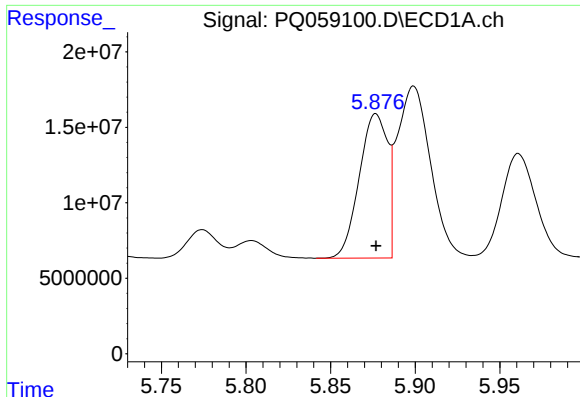
#2 Decachlorobiphenyl

R.T.: 10.596 min
Delta R.T.: -0.003 min
Response: 202255662
Conc: 46.84 ng/ml



#2 Decachlorobiphenyl

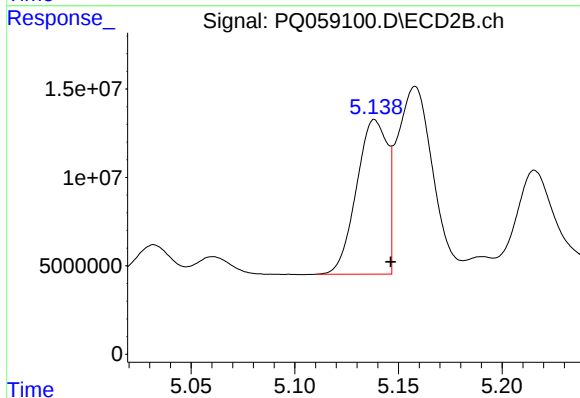
R.T.: 9.154 min
Delta R.T.: -0.010 min
Response: 205810386
Conc: 46.17 ng/ml



#3 AR-1016-1

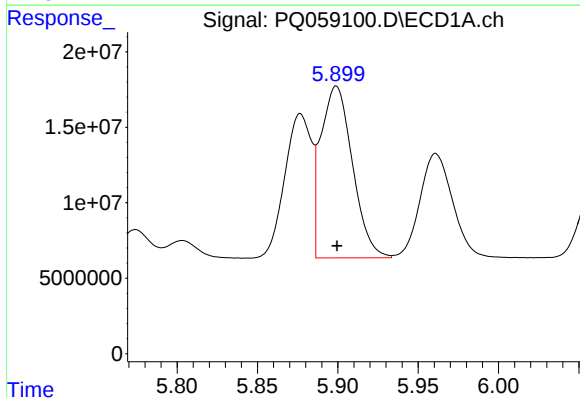
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 111552910
Conc: 489.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



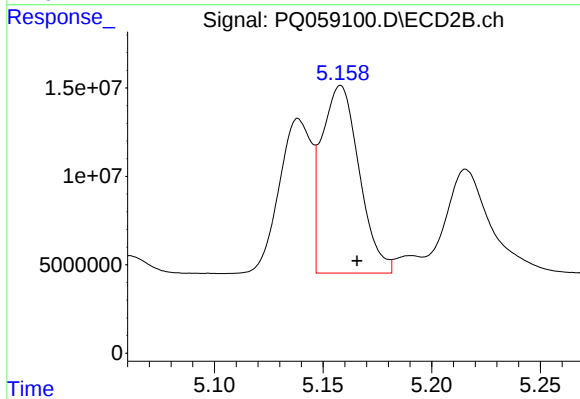
#3 AR-1016-1

R.T.: 5.139 min
Delta R.T.: -0.008 min
Response: 90393650
Conc: 473.21 ng/ml



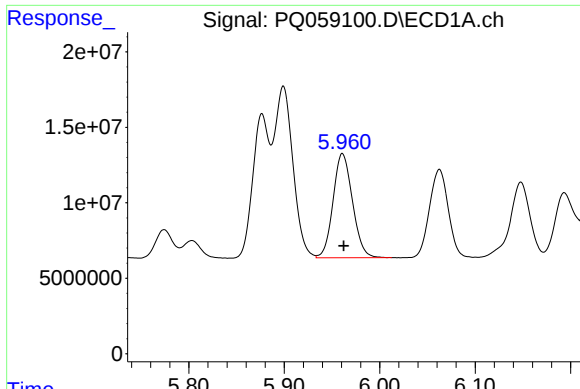
#4 AR-1016-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 155857542
Conc: 492.19 ng/ml



#4 AR-1016-2

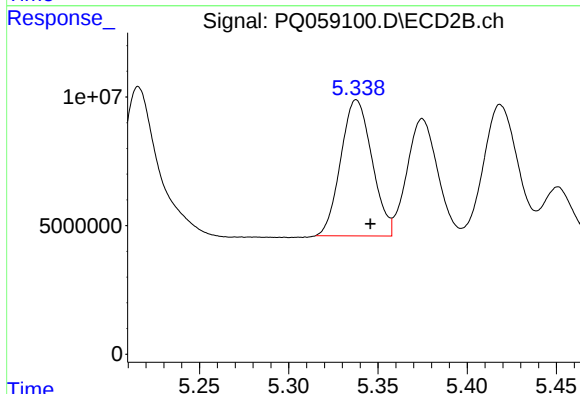
R.T.: 5.158 min
Delta R.T.: -0.008 min
Response: 127034822
Conc: 479.24 ng/ml



#5 AR-1016-3

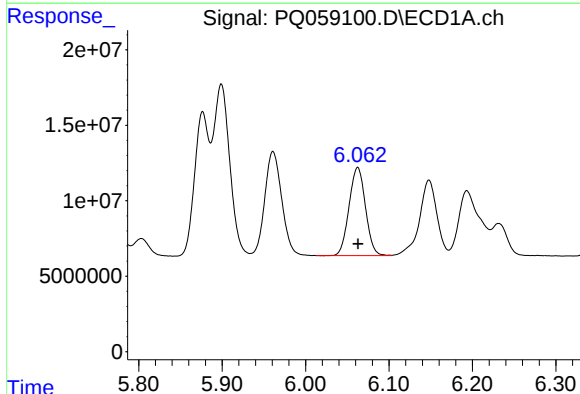
R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 97629675
Conc: 495.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



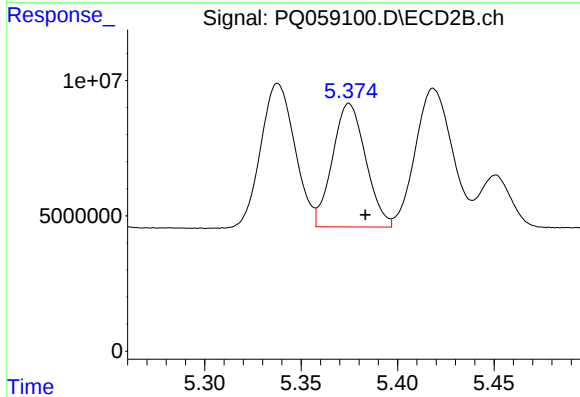
#5 AR-1016-3

R.T.: 5.338 min
Delta R.T.: -0.008 min
Response: 64377411
Conc: 469.46 ng/ml



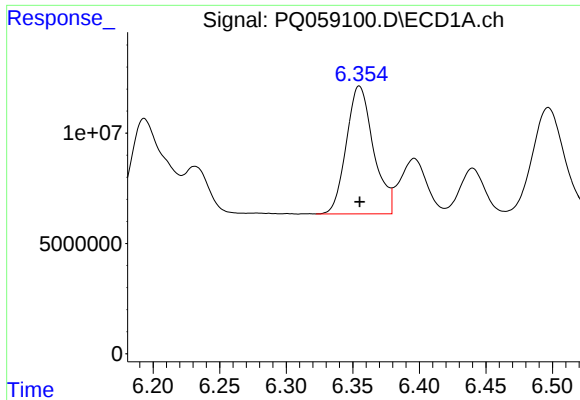
#6 AR-1016-4

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 79678285
Conc: 490.65 ng/ml



#6 AR-1016-4

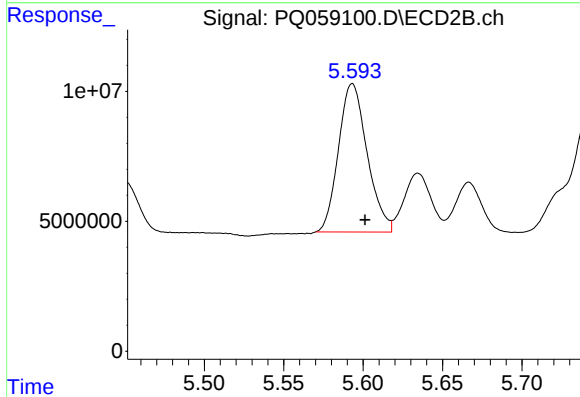
R.T.: 5.375 min
Delta R.T.: -0.008 min
Response: 54765787
Conc: 466.95 ng/ml



#7 AR-1016-5

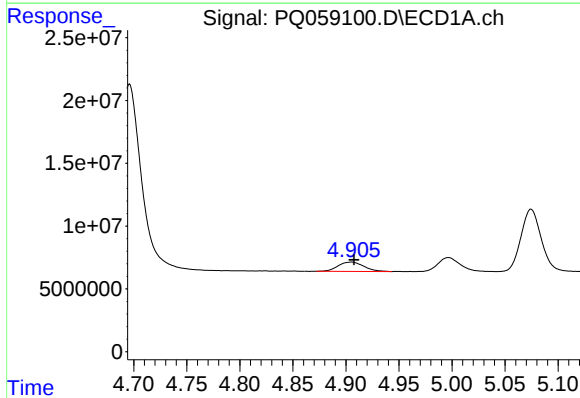
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 82191160
Conc: 475.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



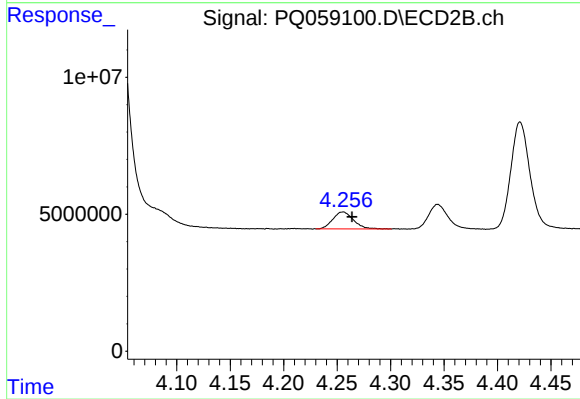
#7 AR-1016-5

R.T.: 5.593 min
Delta R.T.: -0.008 min
Response: 71697352
Conc: 460.82 ng/ml



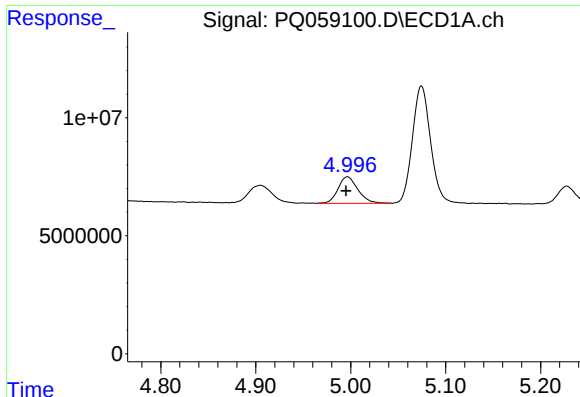
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: -0.002 min
Response: 12628916
Conc: 133.43 ng/ml



#8 AR-1221-1

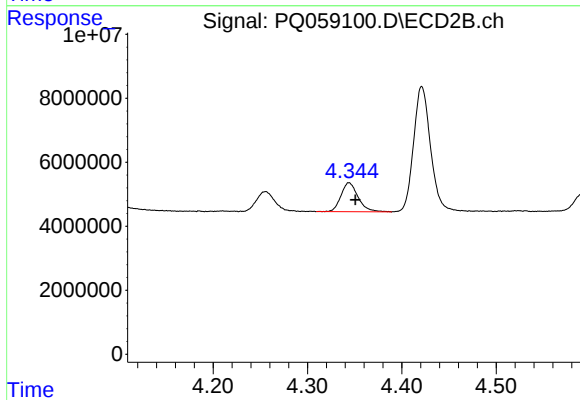
R.T.: 4.256 min
Delta R.T.: -0.008 min
Response: 8424320
Conc: 130.69 ng/ml



#9 AR-1221-2

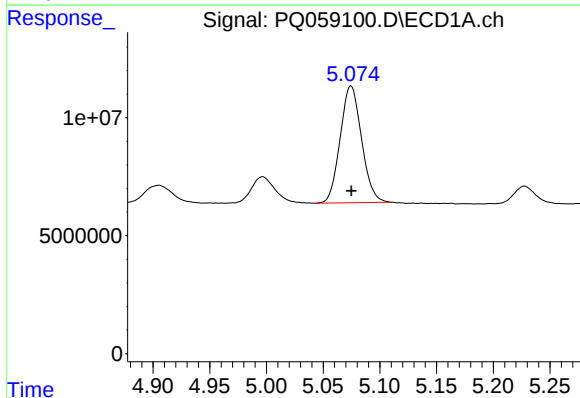
R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 16296751
Conc: 248.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



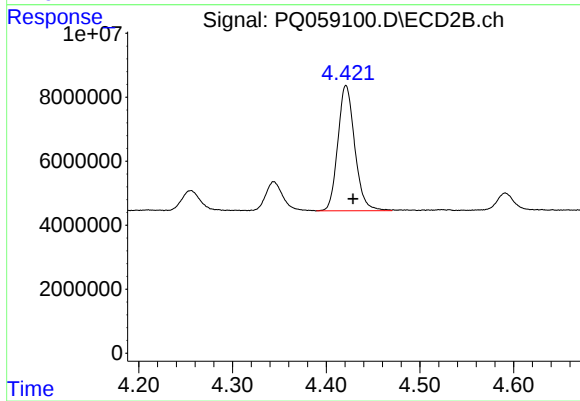
#9 AR-1221-2

R.T.: 4.344 min
Delta R.T.: -0.007 min
Response: 11496513
Conc: 251.19 ng/ml



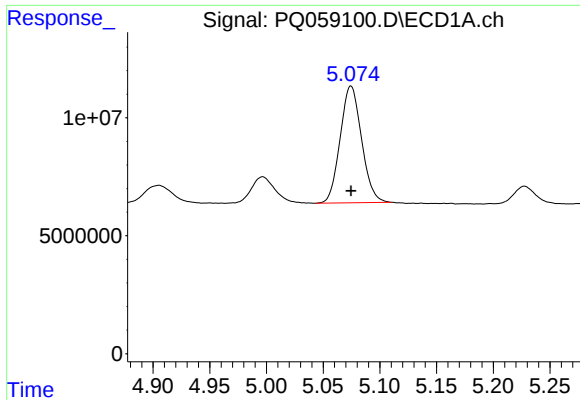
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 65053110
Conc: 317.33 ng/ml



#10 AR-1221-3

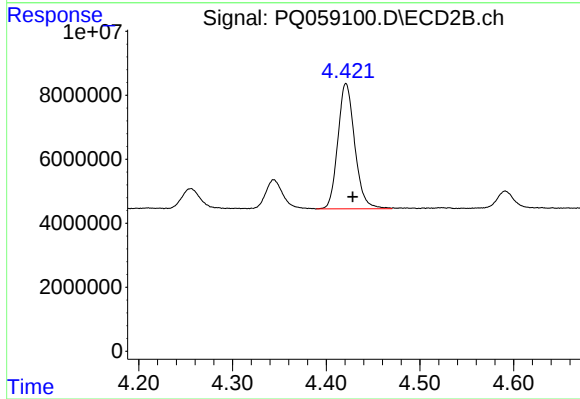
R.T.: 4.421 min
Delta R.T.: -0.008 min
Response: 49106234
Conc: 319.80 ng/ml



#11 AR-1232-1

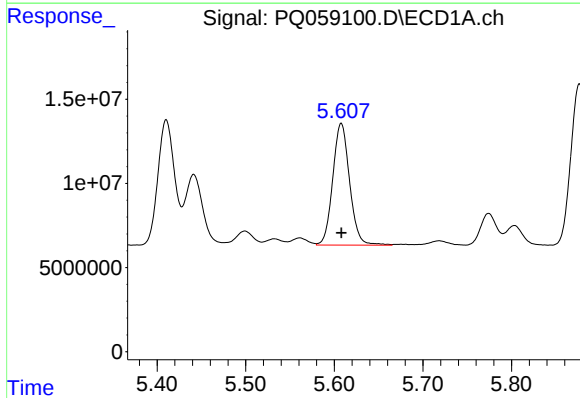
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 65053110
Conc: 372.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



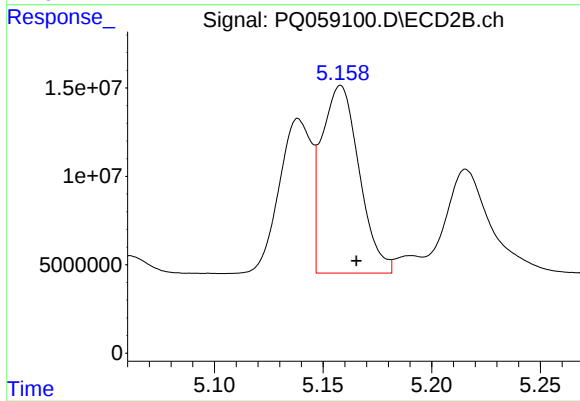
#11 AR-1232-1

R.T.: 4.421 min
Delta R.T.: -0.007 min
Response: 49106234
Conc: 384.85 ng/ml



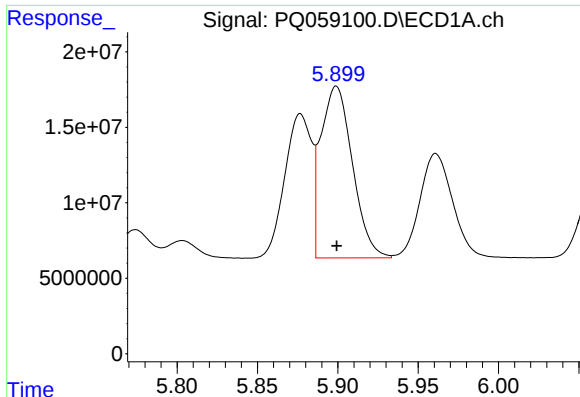
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 95503139
Conc: 995.91 ng/ml



#12 AR-1232-2

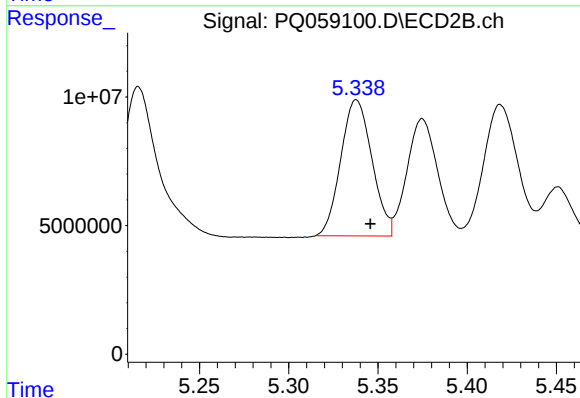
R.T.: 5.158 min
Delta R.T.: -0.007 min
Response: 127034822
Conc: 1091.59 ng/ml



#13 AR-1232-3

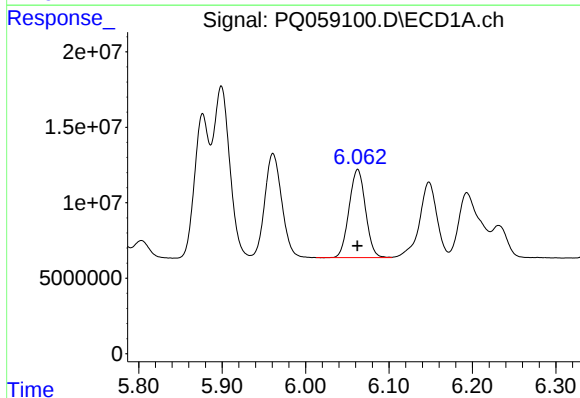
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 155857542
Conc: 1035.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



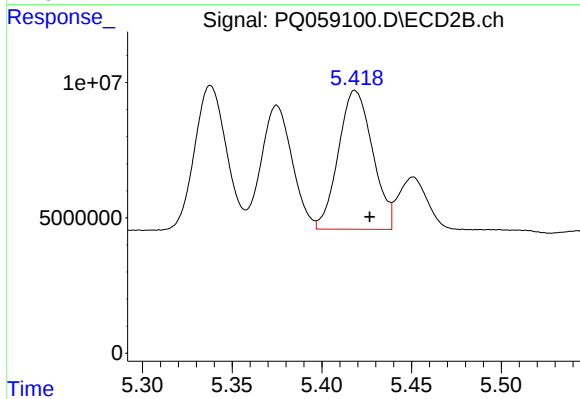
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: -0.008 min
Response: 64377411
Conc: 1122.27 ng/ml



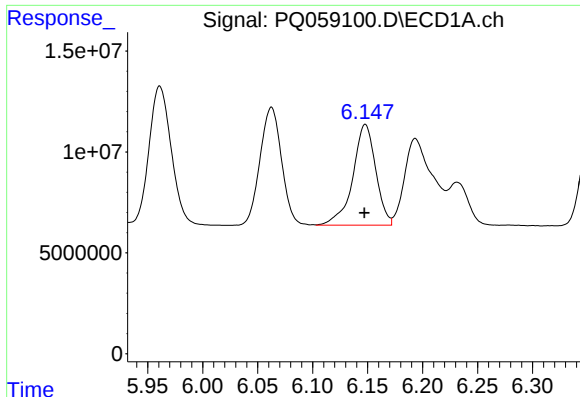
#14 AR-1232-4

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 79678285
Conc: 1056.54 ng/ml



#14 AR-1232-4

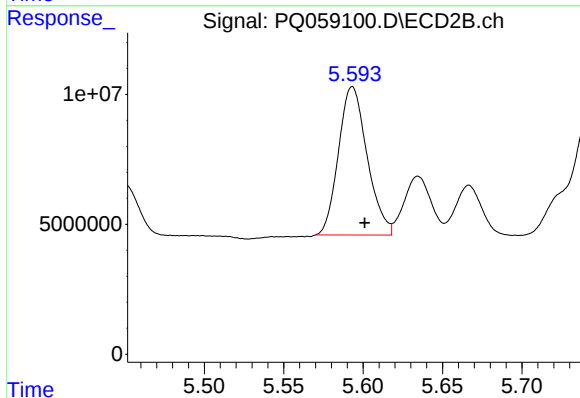
R.T.: 5.419 min
Delta R.T.: -0.008 min
Response: 68158487
Conc: 1174.03 ng/ml



#15 AR-1232-5

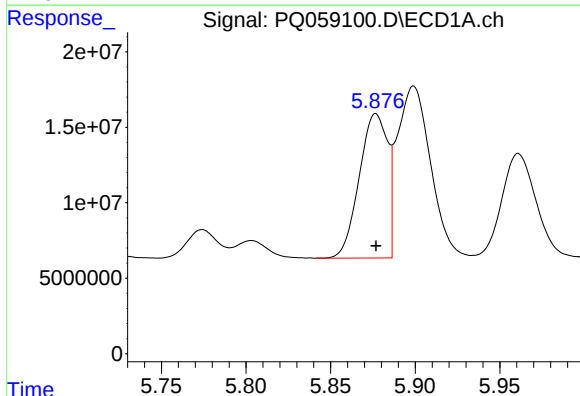
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 72595727
Conc: 1086.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



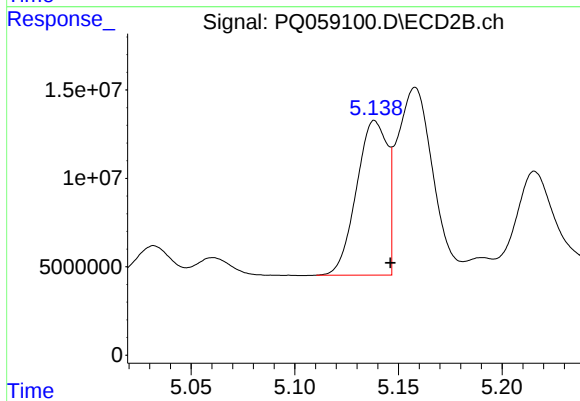
#15 AR-1232-5

R.T.: 5.593 min
Delta R.T.: -0.008 min
Response: 71697352
Conc: 1117.26 ng/ml



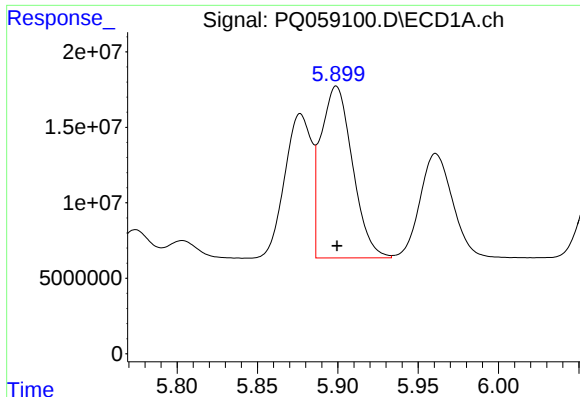
#16 AR-1242-1

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 111552910
Conc: 529.37 ng/ml



#16 AR-1242-1

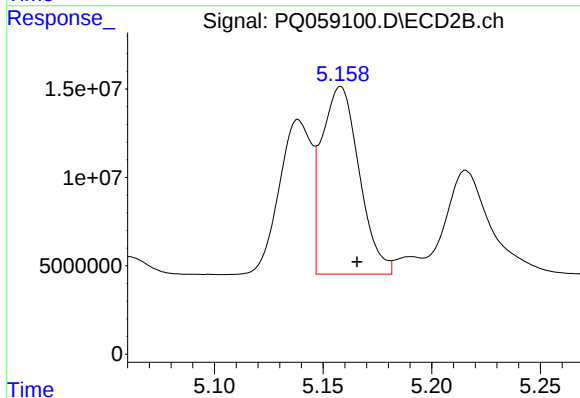
R.T.: 5.139 min
Delta R.T.: -0.007 min
Response: 90393650
Conc: 563.83 ng/ml



#17 AR-1242-2

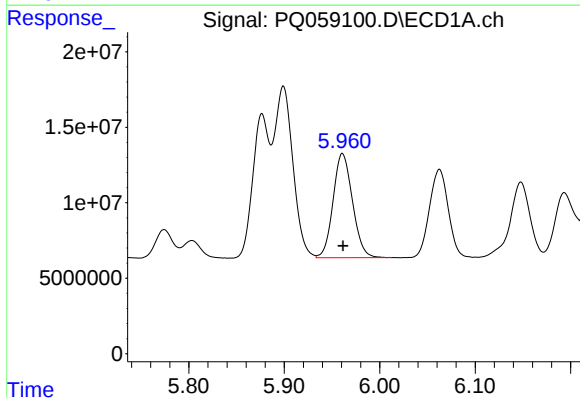
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 155857542
Conc: 536.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



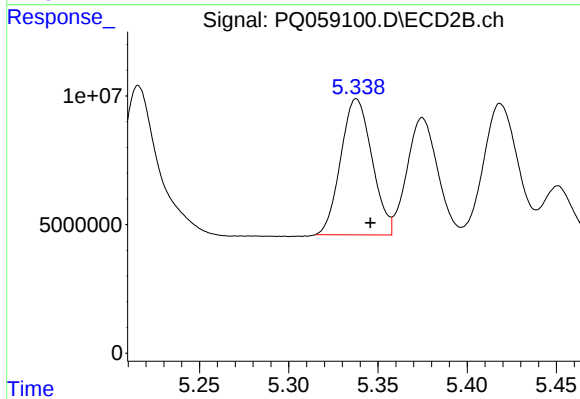
#17 AR-1242-2

R.T.: 5.158 min
Delta R.T.: -0.008 min
Response: 127034822
Conc: 580.17 ng/ml



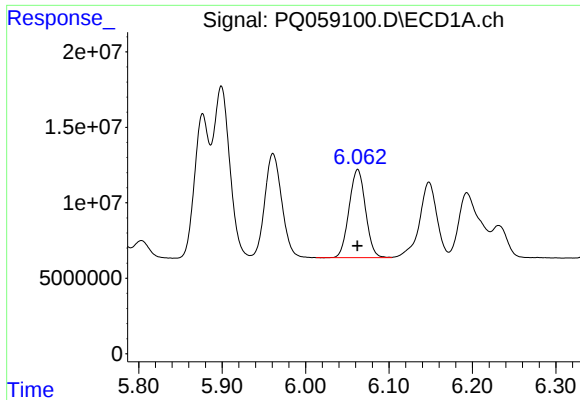
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 97629675
Conc: 539.53 ng/ml



#18 AR-1242-3

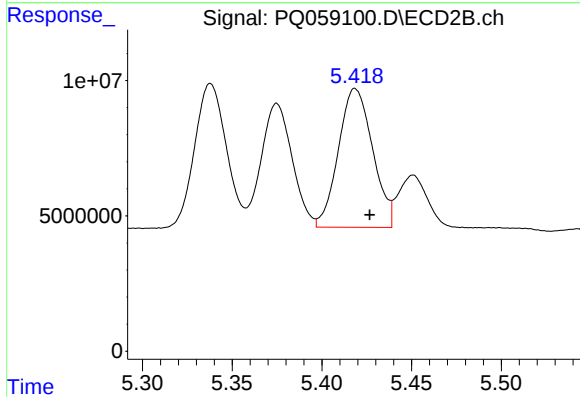
R.T.: 5.338 min
Delta R.T.: -0.008 min
Response: 64377411
Conc: 567.99 ng/ml



#19 AR-1242-4

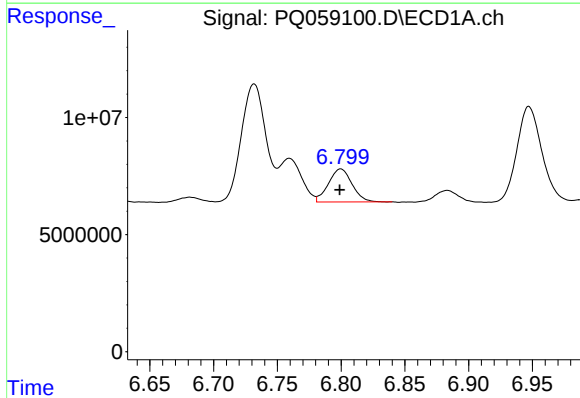
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 79678285
Conc: 536.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



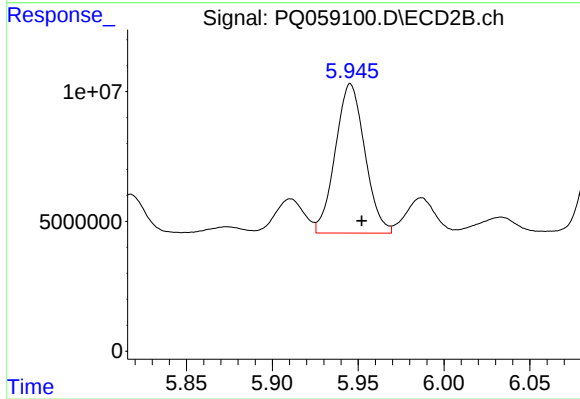
#19 AR-1242-4

R.T.: 5.419 min
Delta R.T.: -0.008 min
Response: 68158487
Conc: 556.91 ng/ml



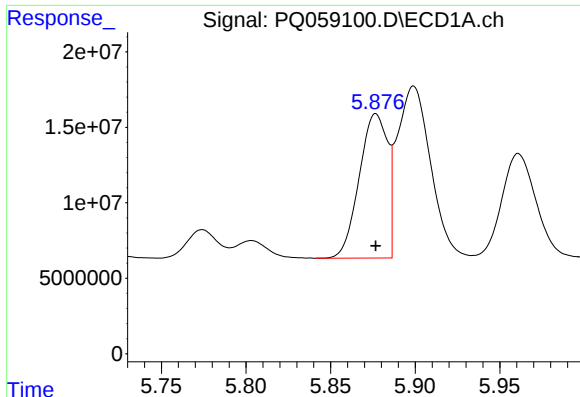
#20 AR-1242-5

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 18193336
Conc: 136.31 ng/ml



#20 AR-1242-5

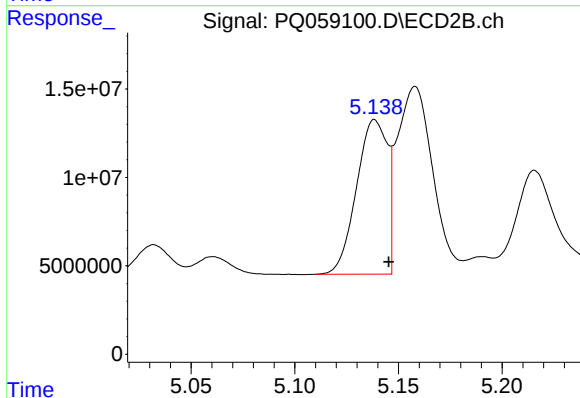
R.T.: 5.946 min
Delta R.T.: -0.007 min
Response: 68809355
Conc: 482.17 ng/ml



#21 AR-1248-1

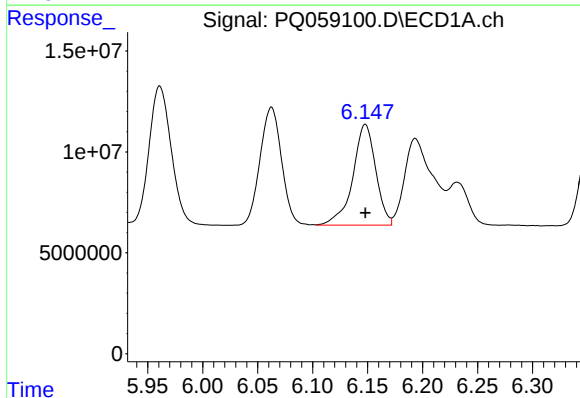
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 111552910
Conc: 705.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



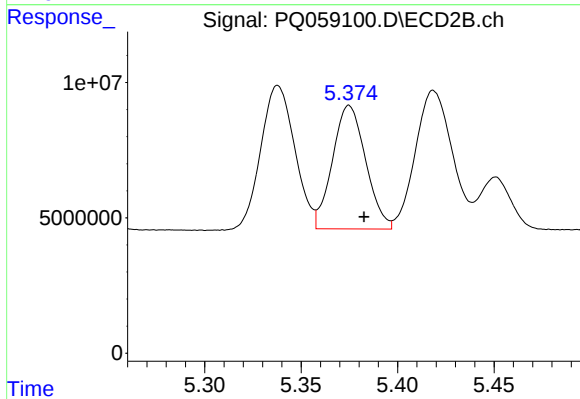
#21 AR-1248-1

R.T.: 5.139 min
Delta R.T.: -0.007 min
Response: 90393650
Conc: 753.59 ng/ml



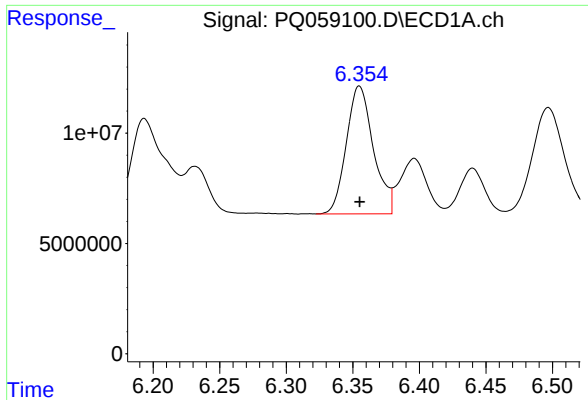
#22 AR-1248-2

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 72595727
Conc: 291.94 ng/ml



#22 AR-1248-2

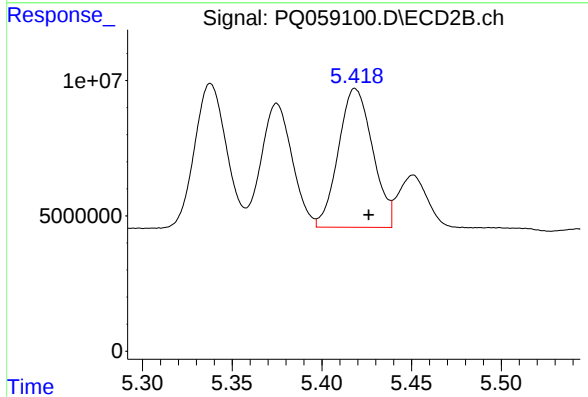
R.T.: 5.375 min
Delta R.T.: -0.008 min
Response: 54765787
Conc: 310.55 ng/ml



#23 AR-1248-3

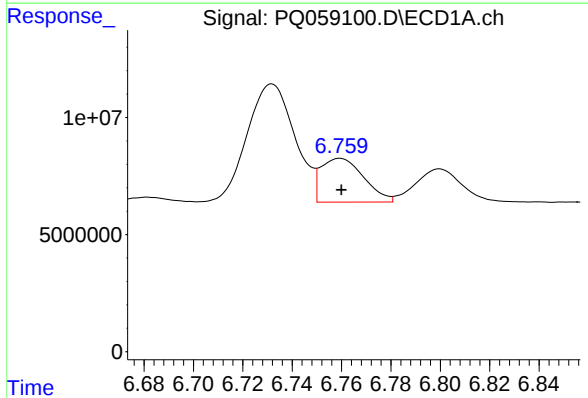
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 82191160
Conc: 305.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



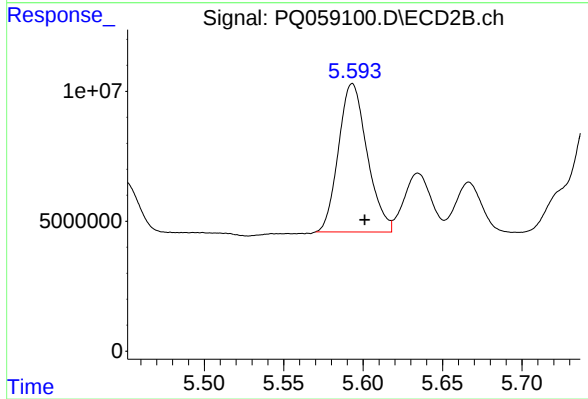
#23 AR-1248-3

R.T.: 5.419 min
Delta R.T.: -0.007 min
Response: 68158487
Conc: 373.31 ng/ml



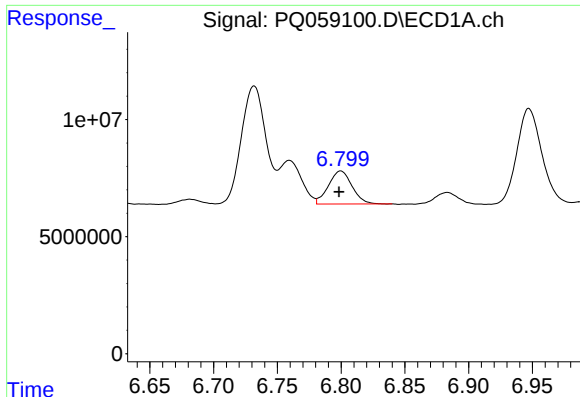
#24 AR-1248-4

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 22442315
Conc: 92.06 ng/ml



#24 AR-1248-4

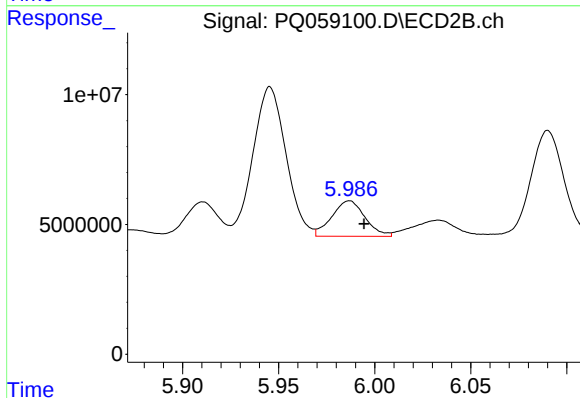
R.T.: 5.593 min
Delta R.T.: -0.008 min
Response: 71697352
Conc: 331.30 ng/ml



#25 AR-1248-5

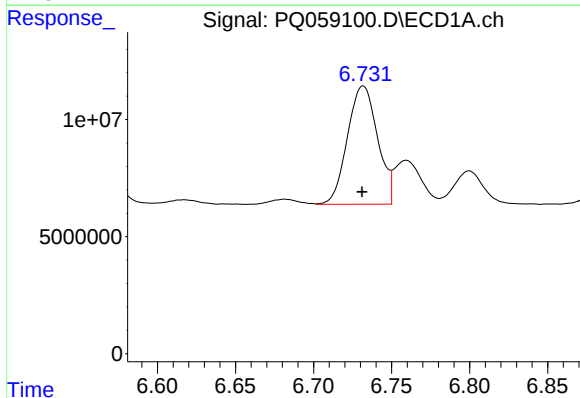
R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 18193336
Conc: 79.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



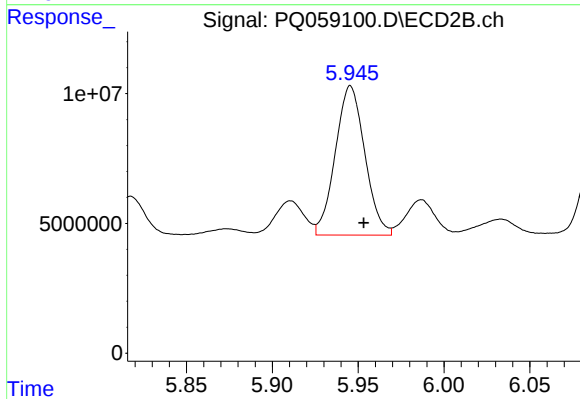
#25 AR-1248-5

R.T.: 5.987 min
Delta R.T.: -0.008 min
Response: 16375327
Conc: 86.58 ng/ml



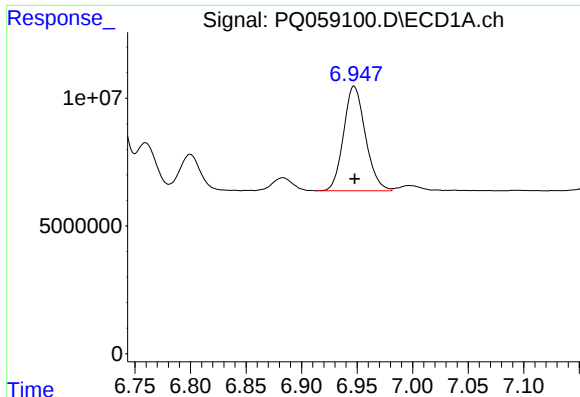
#26 AR-1254-1

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 67941929
Conc: 223.10 ng/ml



#26 AR-1254-1

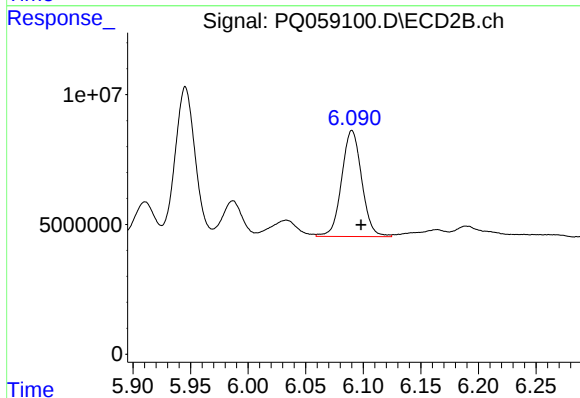
R.T.: 5.946 min
Delta R.T.: -0.008 min
Response: 68809355
Conc: 210.39 ng/ml



#27 AR-1254-2

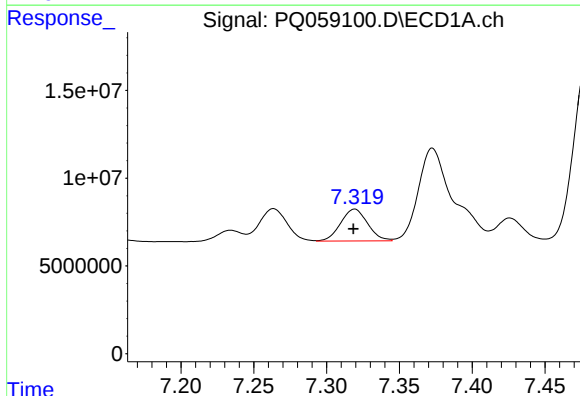
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 56006762
Conc: 126.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



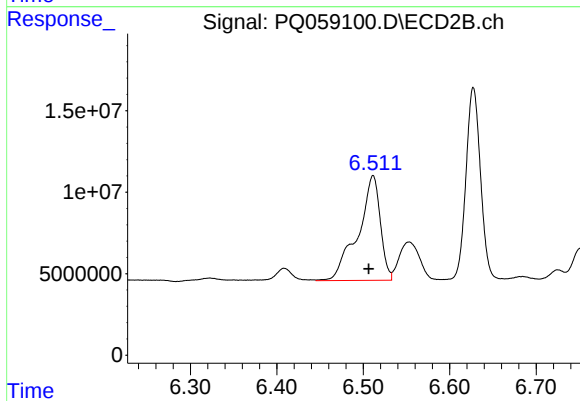
#27 AR-1254-2

R.T.: 6.090 min
Delta R.T.: -0.008 min
Response: 49641700
Conc: 174.68 ng/ml



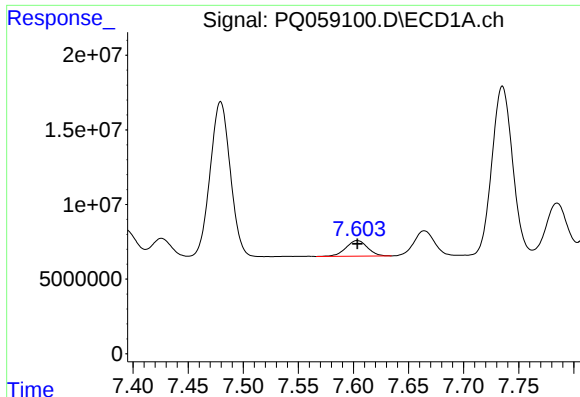
#28 AR-1254-3

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 23519314
Conc: 54.29 ng/ml



#28 AR-1254-3

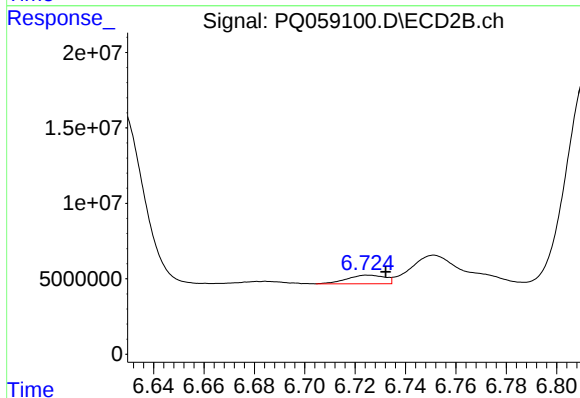
R.T.: 6.511 min
Delta R.T.: 0.005 min
Response: 115536111
Conc: 256.60 ng/ml



#29 AR-1254-4

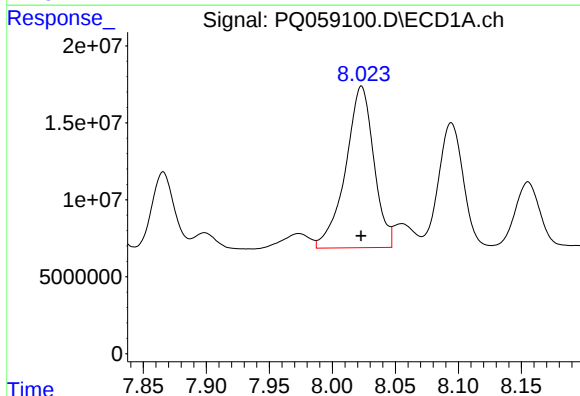
R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 14188800
Conc: 53.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



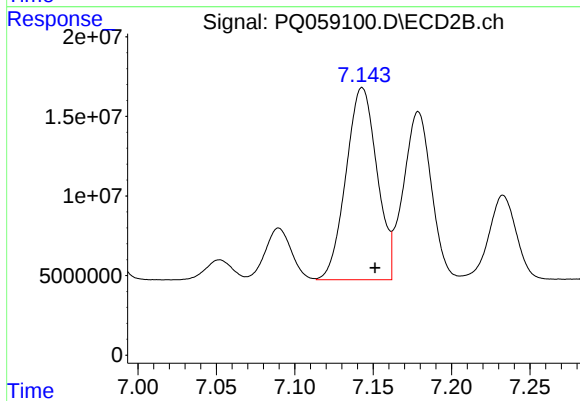
#29 AR-1254-4

R.T.: 6.725 min
Delta R.T.: -0.007 min
Response: 5980519
Conc: 20.85 ng/ml



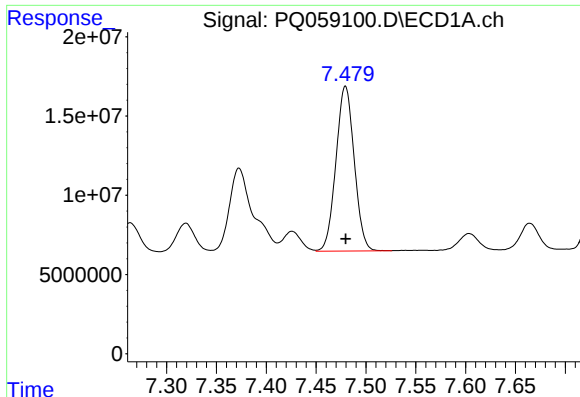
#30 AR-1254-5

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 16391109
Conc: 538.44 ng/ml



#30 AR-1254-5

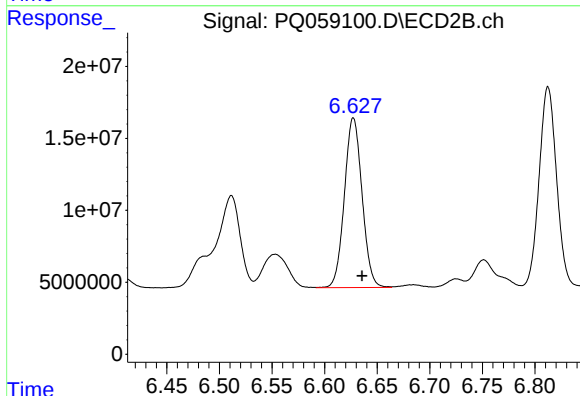
R.T.: 7.143 min
Delta R.T.: -0.008 min
Response: 166336941
Conc: 456.89 ng/ml



#31 AR-1260-1

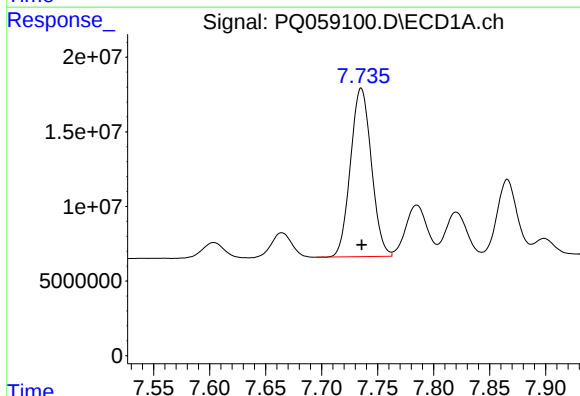
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 132728810
Conc: 450.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



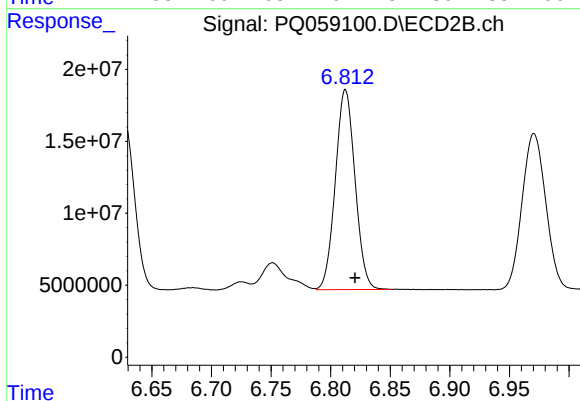
#31 AR-1260-1

R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 137815081
Conc: 458.57 ng/ml



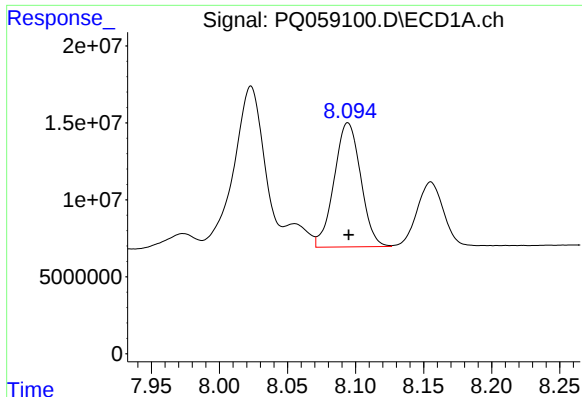
#32 AR-1260-2

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 146770062
Conc: 459.58 ng/ml



#32 AR-1260-2

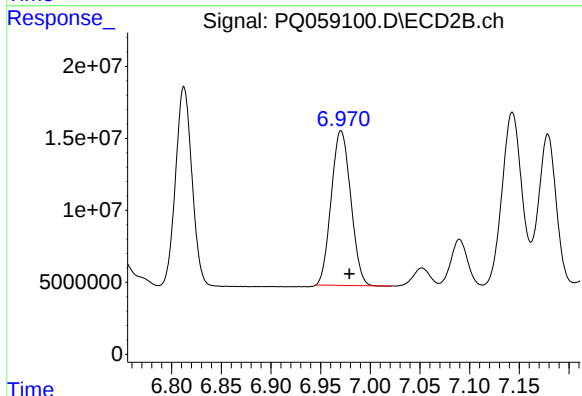
R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 159765113
Conc: 464.69 ng/ml



#33 AR-1260-3

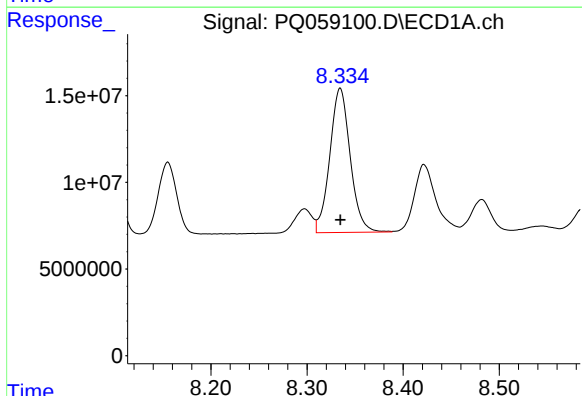
R.T.: 8.094 min
Delta R.T.: 0.000 min
Response: 109514076
Conc: 453.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



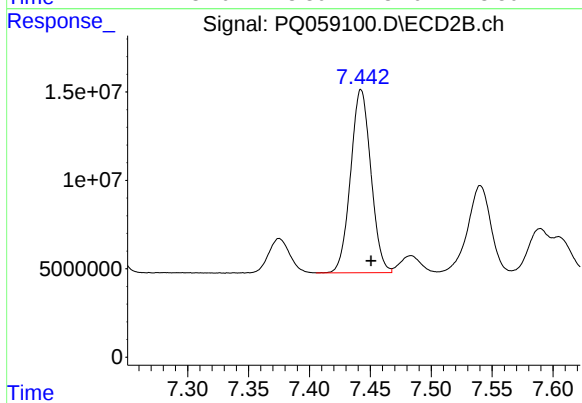
#33 AR-1260-3

R.T.: 6.971 min
Delta R.T.: -0.008 min
Response: 146990244
Conc: 452.30 ng/ml



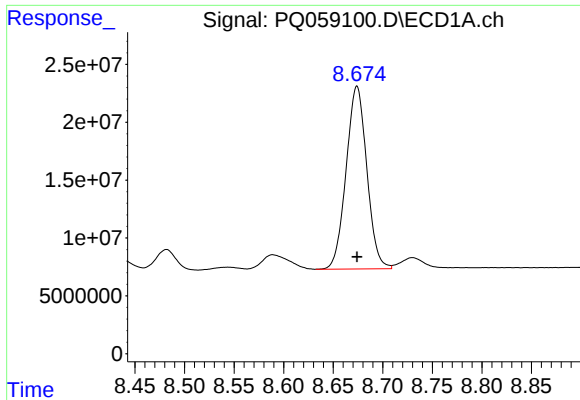
#34 AR-1260-4

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 122949910
Conc: 453.64 ng/ml



#34 AR-1260-4

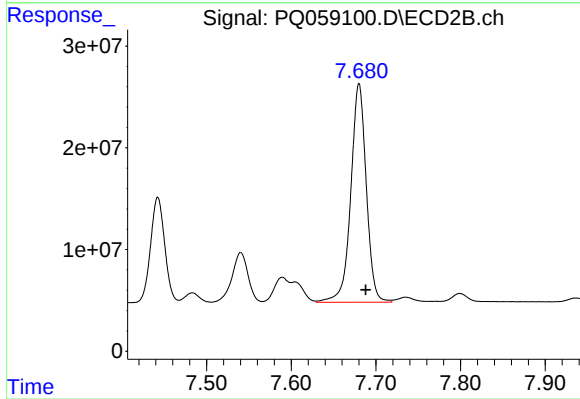
R.T.: 7.442 min
Delta R.T.: -0.008 min
Response: 120281778
Conc: 457.51 ng/ml



#35 AR-1260-5

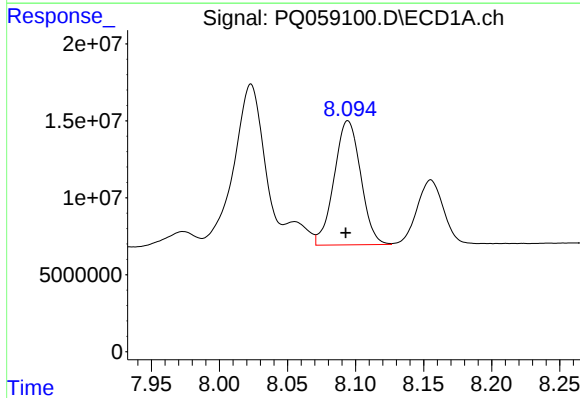
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 229856227
Conc: 464.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



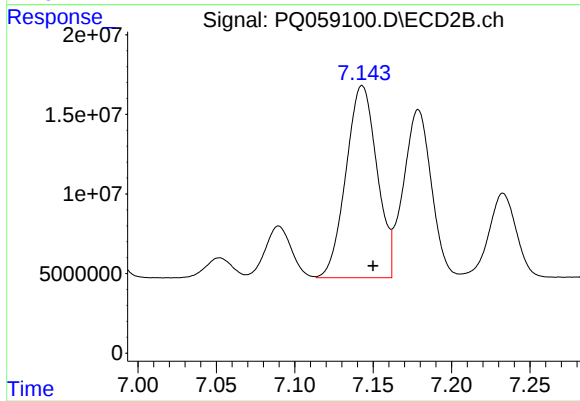
#35 AR-1260-5

R.T.: 7.680 min
Delta R.T.: -0.008 min
Response: 273473276
Conc: 464.87 ng/ml



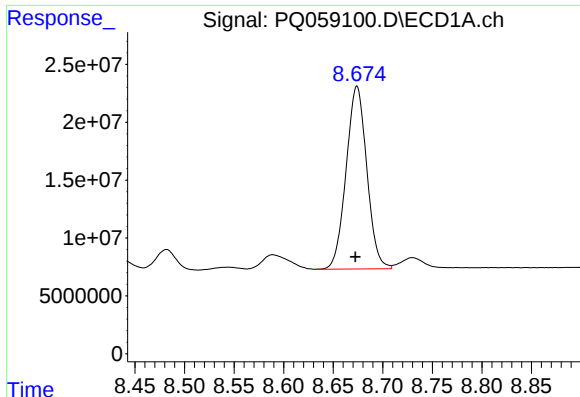
#36 AR-1262-1

R.T.: 8.094 min
Delta R.T.: 0.002 min
Response: 109514076
Conc: 273.51 ng/ml



#36 AR-1262-1

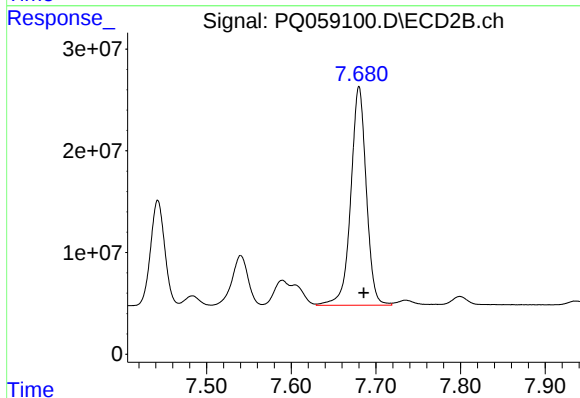
R.T.: 7.143 min
Delta R.T.: -0.007 min
Response: 166336941
Conc: 875.69 ng/ml



#37 AR-1262-2

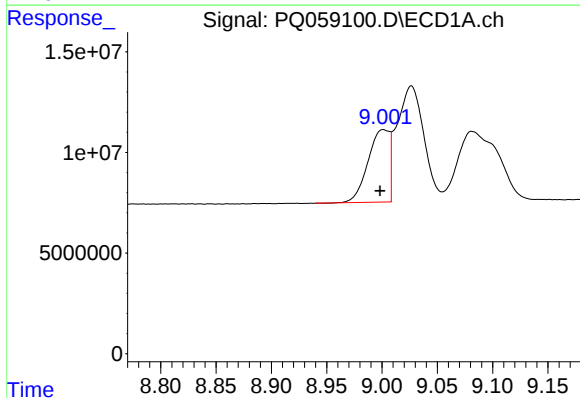
R.T.: 8.674 min
Delta R.T.: 0.002 min
Response: 229856227
Conc: 357.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



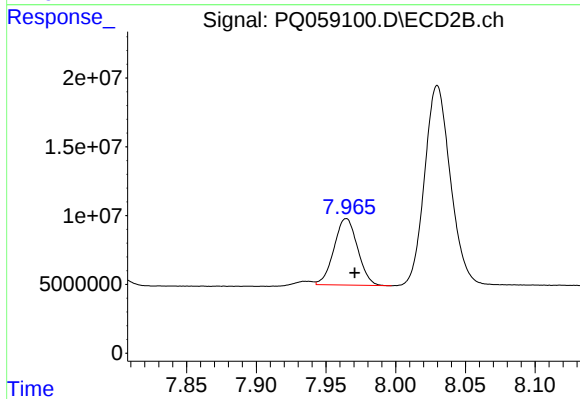
#37 AR-1262-2

R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 273473276
Conc: 409.68 ng/ml



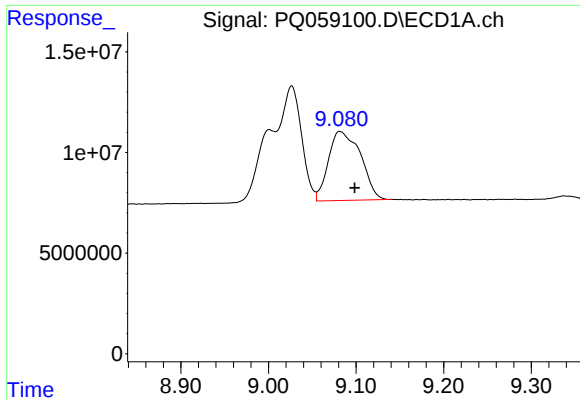
#38 AR-1262-3

R.T.: 9.001 min
Delta R.T.: 0.003 min
Response: 48541856
Conc: 161.79 ng/ml



#38 AR-1262-3

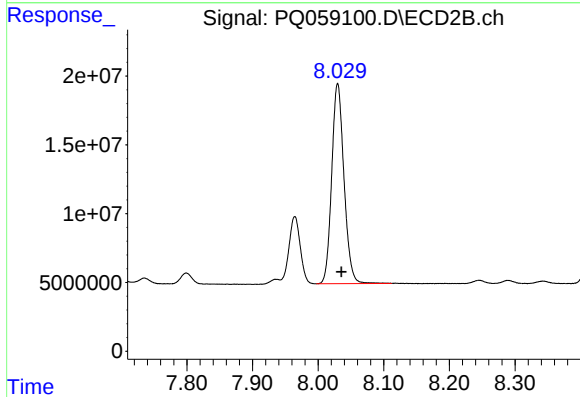
R.T.: 7.965 min
Delta R.T.: -0.006 min
Response: 56934248
Conc: 218.02 ng/ml



#39 AR-1262-4

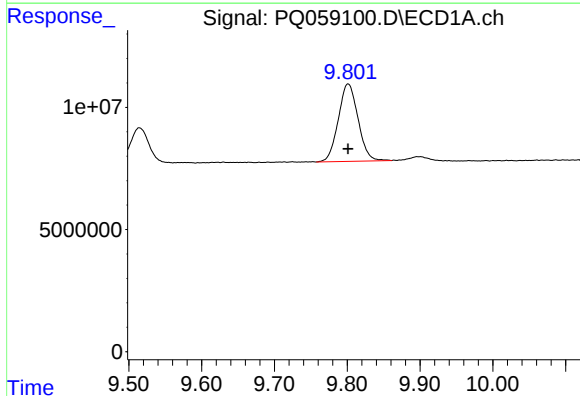
R.T.: 9.081 min
Delta R.T.: -0.017 min
Response: 87570189
Conc: 552.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



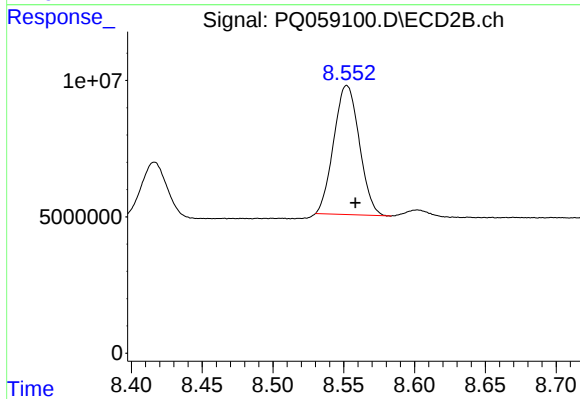
#39 AR-1262-4

R.T.: 8.030 min
Delta R.T.: -0.005 min
Response: 189017159
Conc: 394.62 ng/ml



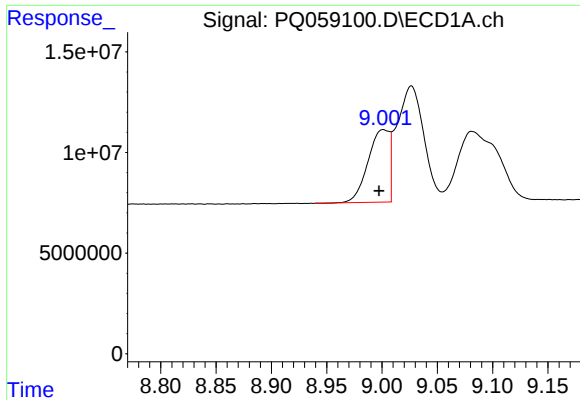
#40 AR-1262-5

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 59722329
Conc: 273.66 ng/ml



#40 AR-1262-5

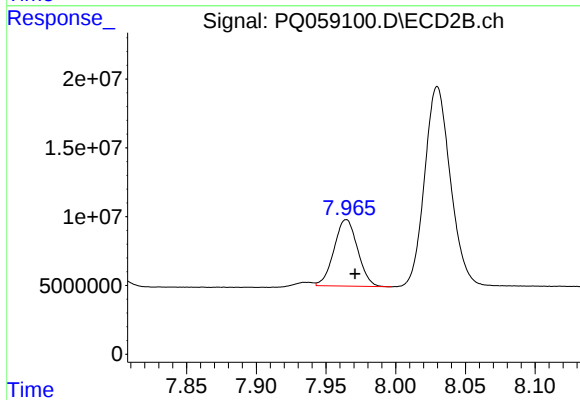
R.T.: 8.552 min
Delta R.T.: -0.006 min
Response: 59527236
Conc: 294.12 ng/ml



#41 AR-1268-1

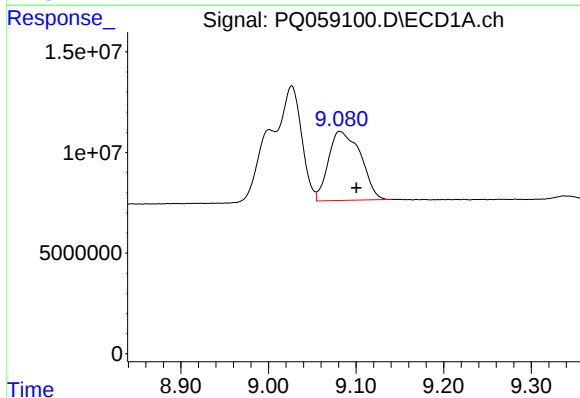
R.T.: 9.001 min
Delta R.T.: 0.004 min
Response: 48541856
Conc: 59.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



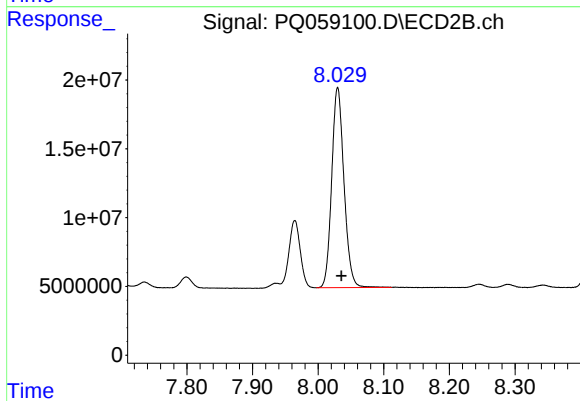
#41 AR-1268-1

R.T.: 7.965 min
Delta R.T.: -0.006 min
Response: 56934248
Conc: 71.43 ng/ml



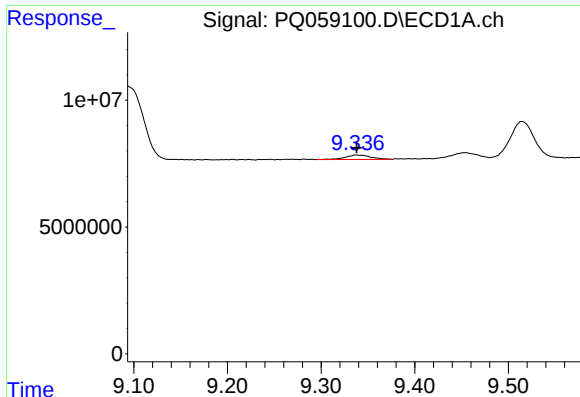
#42 AR-1268-2

R.T.: 9.081 min
Delta R.T.: -0.019 min
Response: 87570189
Conc: 121.90 ng/ml



#42 AR-1268-2

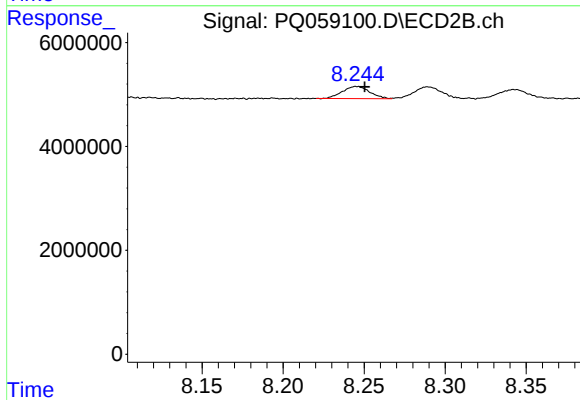
R.T.: 8.030 min
Delta R.T.: -0.006 min
Response: 189017159
Conc: 260.41 ng/ml



#43 AR-1268-3

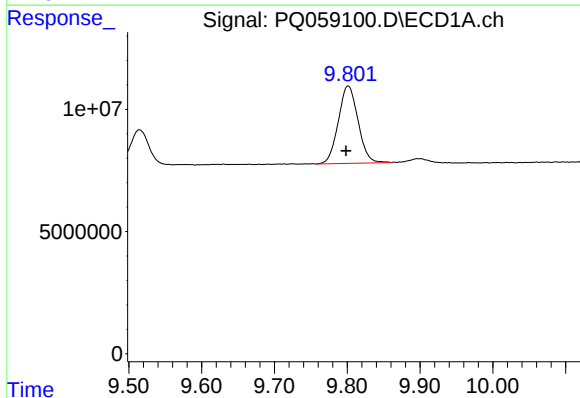
R.T.: 9.337 min
Delta R.T.: 0.000 min
Response: 3343924
Conc: 5.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



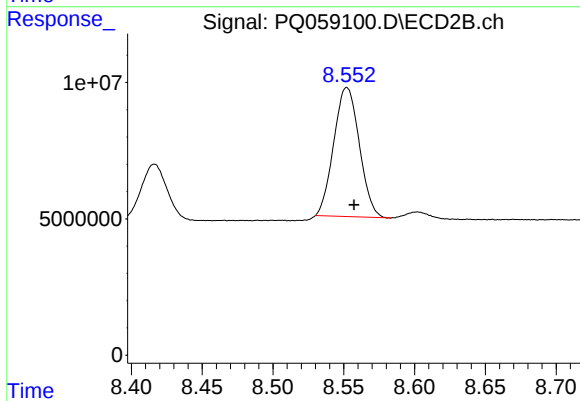
#43 AR-1268-3

R.T.: 8.245 min
Delta R.T.: -0.005 min
Response: 2736045
Conc: 4.36 ng/ml



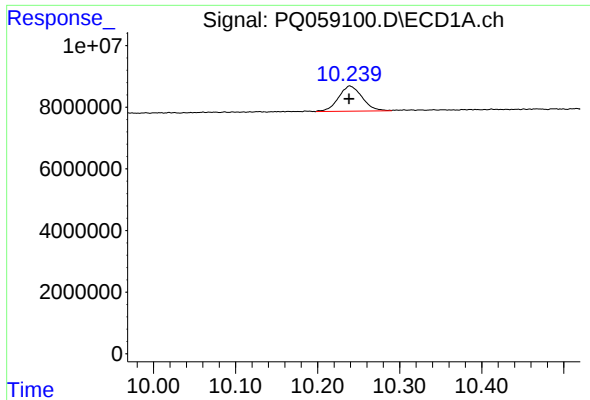
#44 AR-1268-4

R.T.: 9.801 min
Delta R.T.: 0.003 min
Response: 59722329
Conc: 245.09 ng/ml



#44 AR-1268-4

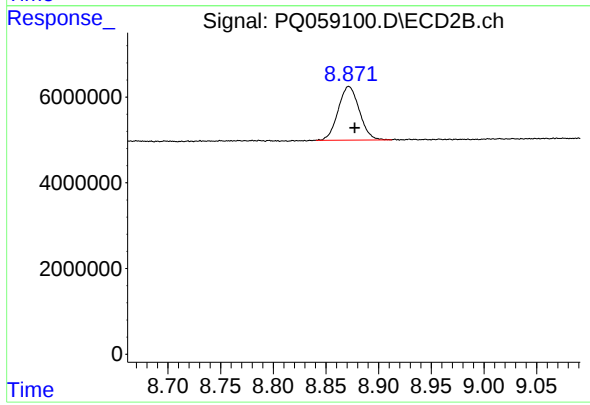
R.T.: 8.552 min
Delta R.T.: -0.005 min
Response: 59527236
Conc: 260.62 ng/ml



#45 AR-1268-5

R.T.: 10.239 min
Delta R.T.: 0.000 min
Response: 16392702
Conc: 8.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.872 min
Delta R.T.: -0.006 min
Response: 17483455
Conc: 9.09 ng/ml