

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081519\
 Data File : PQ042490.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2019 14:05
 Operator : SM\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: Aug 16 02:37:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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...	5.674	4.734	53768051	49827219	23.445	25.854
2)	SA Decachlor...	12.059	10.481	271.3E6	215.2E6	32.173	44.480 #
Target Compounds							
3)	L1 AR-1016-1	7.121	6.186	49534443	49392312	458.295	475.982
4)	L1 AR-1016-2	7.146	6.207	71194015	69090934	454.834	482.245
5)	L1 AR-1016-3	7.217	6.476	43391530	26285451	448.593	352.484
6)	L1 AR-1016-4	7.330	6.525	36185809	35643594	463.836	574.801
7)	L1 AR-1016-5	7.663	6.774	35281682	16906302	448.818	207.685 #
9)	L2 AR-1221-2	6.063	5.158	4358050	4235434	252.213	265.217
10)	L2 AR-1221-3	6.159	5.261	19332360	20480176	314.117	375.563
11)	L3 AR-1232-1	6.159	5.261	19332360	20480176	357.238	424.128
12)	L3 AR-1232-2	6.804	6.246	29824899	4427076	907.726	77.630 #
13)	L3 AR-1232-3	7.146	6.421	71194015	34221030	1066.362	1147.605
14)	L3 AR-1232-4	7.330	6.562	36185809	12025017	1128.105	450.431 #
15)	L3 AR-1232-5	7.486	6.774	31689943	16906302	1474.618	576.493 #
16)	L4 AR-1242-1	7.121	6.186	49534443	49392312	553.772	603.525
17)	L4 AR-1242-2	7.146	6.246	71194015	4427076	553.645	39.199 #
18)	L4 AR-1242-3	7.217	6.421	43391530	34221030	535.127	579.304
19)	L4 AR-1242-4	7.330	6.562	36185809	12025017	562.873	202.792 #
20)	L4 AR-1242-5	8.153	7.183	7571883	8381829	85.340	94.396
21)	L5 AR-1248-1	7.121	6.186	49534443	49392312	668.156	744.938
22)	L5 AR-1248-2	7.435	6.525	27146844	35643594	294.233	408.814 #
23)	L5 AR-1248-3	7.709	6.525	15686976	35643594	140.011	399.342 #
24)	L5 AR-1248-4	8.111	6.774	8962104	16906302	57.318	153.496 #
25)	L5 AR-1248-5	8.153	7.183	7571883	8381829	50.038	65.394 #
26)	L6 AR-1254-1	8.081	7.183	27584138	8381829	198.283	45.831 #
27)	L6 AR-1254-2	8.318	7.305	29763913	32844537	130.040	202.905 #
28)	L6 AR-1254-3	8.713	7.768	19881471	60284752	72.712	209.027 #
29)	L6 AR-1254-4	9.015	8.001	13582135	9942096	55.173	45.801
30)	L6 AR-1254-5	9.454	8.485	120.4E6	100.5E6	444.410	334.185
31)	L7 AR-1260-1	8.885	7.893	65725843	84970424	369.484	468.338 #
32)	L7 AR-1260-2	9.155	8.097	100.0E6	112.9E6	396.493	460.101
33)	L7 AR-1260-3	9.529	8.261	83398797	99436670	363.974	467.327 #
34)	L7 AR-1260-4	9.773	8.759	94817809	89976992	371.336	444.794
35)	L7 AR-1260-5	10.119	9.011	222.9E6	240.8E6	330.950	407.936
36)	L8 AR-1262-1	9.590	8.542	43569976	49800557	283.483	347.127
37)	L8 AR-1262-2	10.119	9.011	222.9E6	240.8E6	254.650	324.894 #
38)	L8 AR-1262-3	10.473	9.303	148.0E6	55910903	232.997	176.726
39)	L8 AR-1262-4	10.548	9.370	38881034	175.4E6	77.652	311.963 #
40)	L8 AR-1262-5	11.256	9.942	80613884	4104099	198.015	14.370 #
41)	L9 AR-1268-1	10.473	9.303	148.0E6	55910903	103.861	48.908 #
42)	L9 AR-1268-2	10.548	9.370	38881034	175.4E6	29.479	170.899 #

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Acq On : 15 Aug 2019 14:05
Operator : SM\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

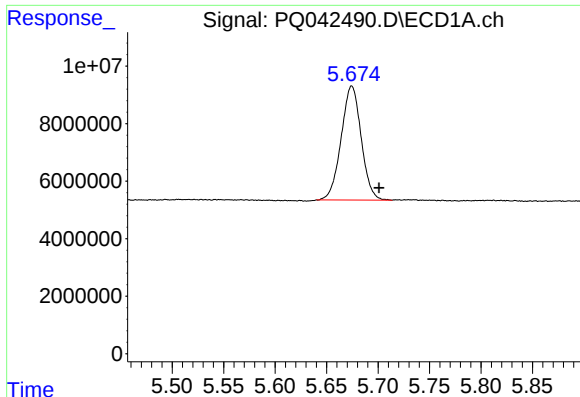
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 02:37:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
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
43)	L9 AR-1268-3	10.796	9.634	5228447	3741454	4.468	4.306
44)	L9 AR-1268-4	11.256	9.942	80613884	4104099	148.074	10.669 #
45)	L9 AR-1268-5	11.698	10.206	22995084	13748728	5.674	5.293

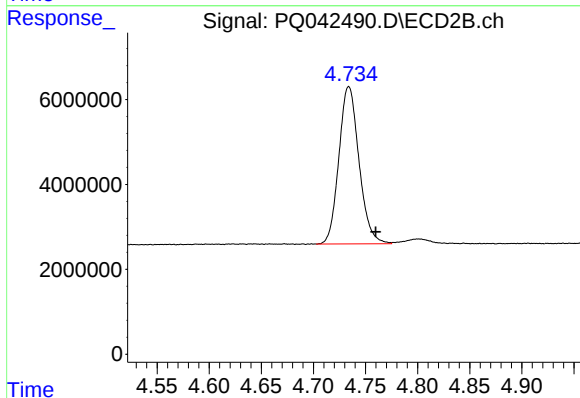
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

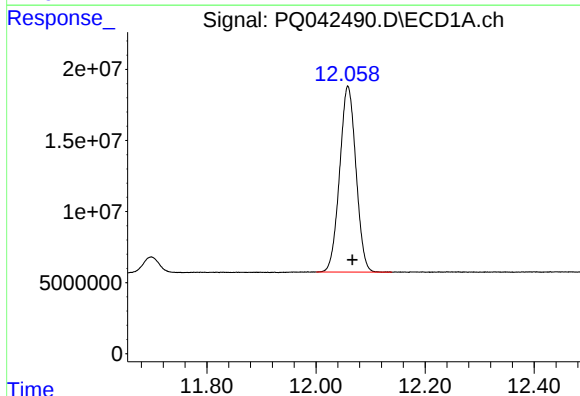
R.T.: 5.674 min
Delta R.T.: -0.027 min
Response: 53768051
Conc: 23.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



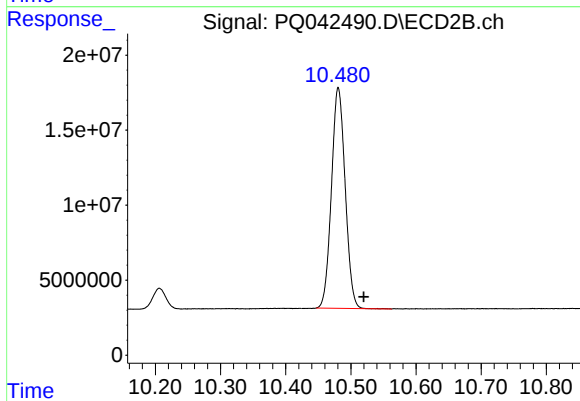
#1 Tetrachloro-m-xylene

R.T.: 4.734 min
Delta R.T.: -0.026 min
Response: 49827219
Conc: 25.85 ng/ml



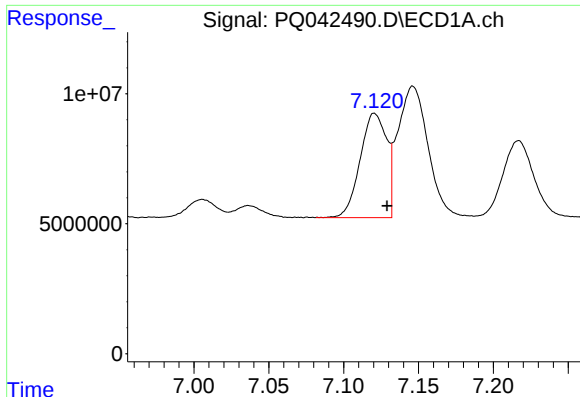
#2 Decachlorobiphenyl

R.T.: 12.059 min
Delta R.T.: -0.008 min
Response: 271261139
Conc: 32.17 ng/ml



#2 Decachlorobiphenyl

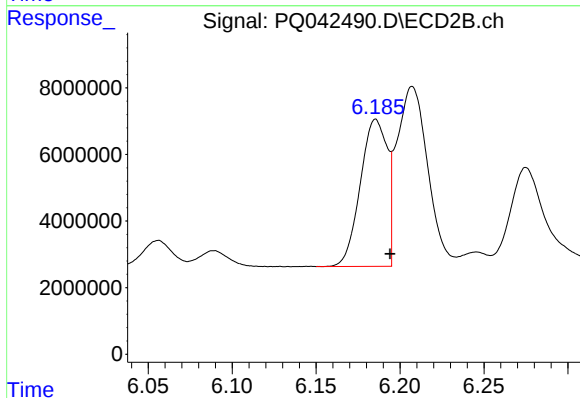
R.T.: 10.481 min
Delta R.T.: -0.039 min
Response: 215166056
Conc: 44.48 ng/ml



#3 AR-1016-1

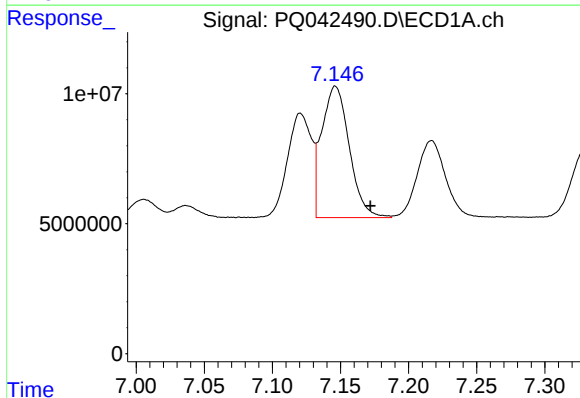
R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 49534443
Conc: 458.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



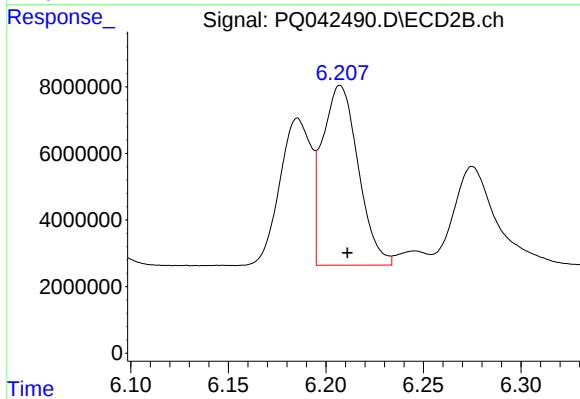
#3 AR-1016-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 49392312
Conc: 475.98 ng/ml



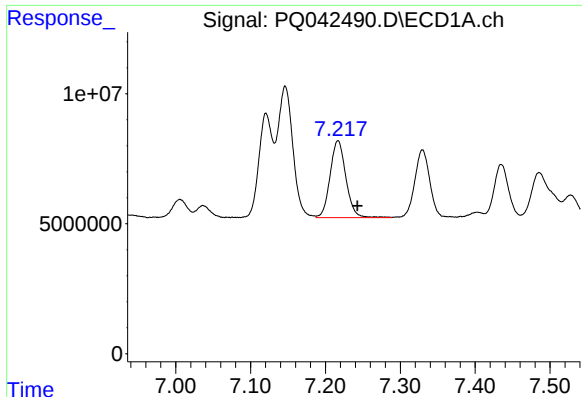
#4 AR-1016-2

R.T.: 7.146 min
Delta R.T.: -0.026 min
Response: 71194015
Conc: 454.83 ng/ml



#4 AR-1016-2

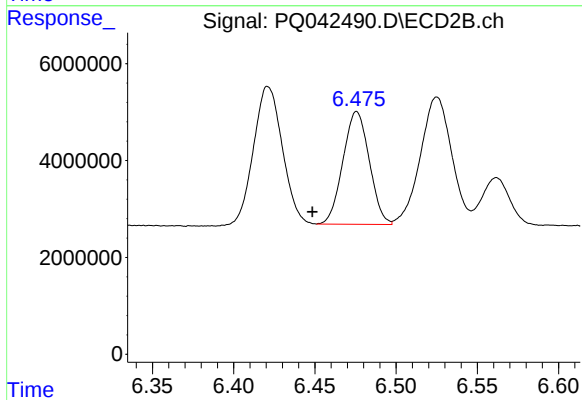
R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 69090934
Conc: 482.25 ng/ml



#5 AR-1016-3

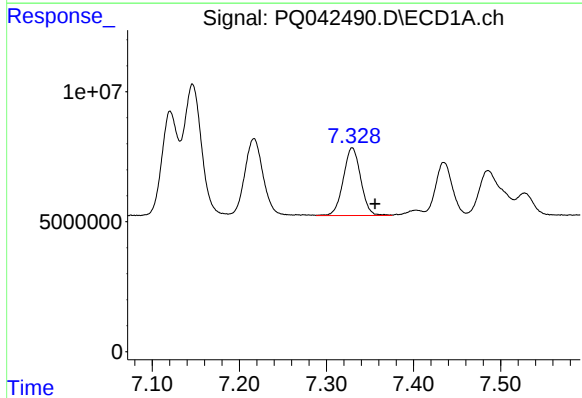
R.T.: 7.217 min
Delta R.T.: -0.026 min
Response: 43391530
Conc: 448.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



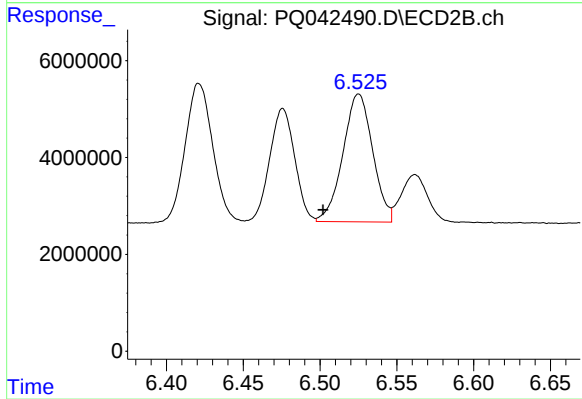
#5 AR-1016-3

R.T.: 6.476 min
Delta R.T.: 0.027 min
Response: 26285451
Conc: 352.48 ng/ml



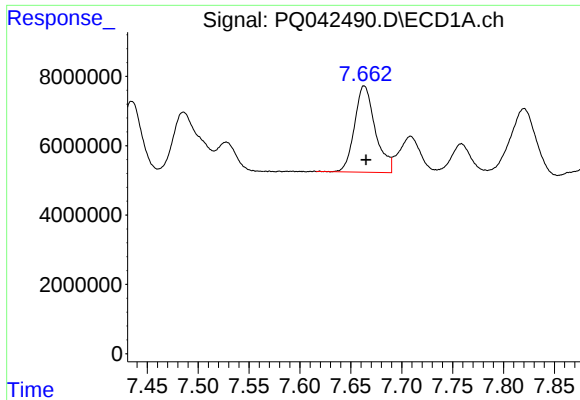
#6 AR-1016-4

R.T.: 7.330 min
Delta R.T.: -0.026 min
Response: 36185809
Conc: 463.84 ng/ml



#6 AR-1016-4

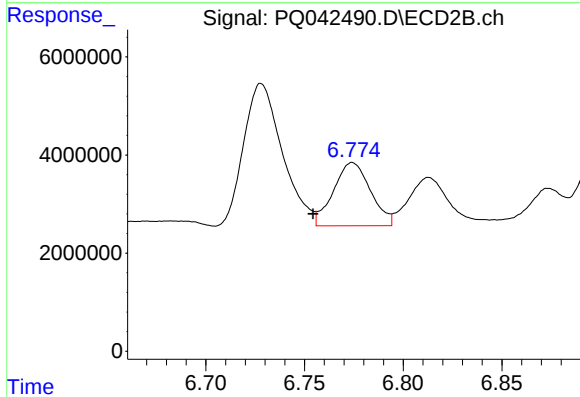
R.T.: 6.525 min
Delta R.T.: 0.023 min
Response: 35643594
Conc: 574.80 ng/ml



#7 AR-1016-5

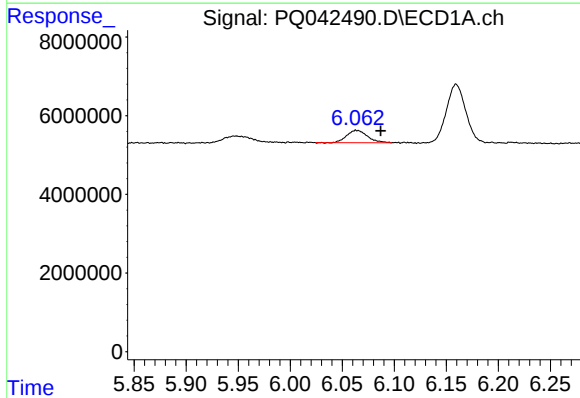
R.T.: 7.663 min
Delta R.T.: -0.002 min
Response: 35281682
Conc: 448.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



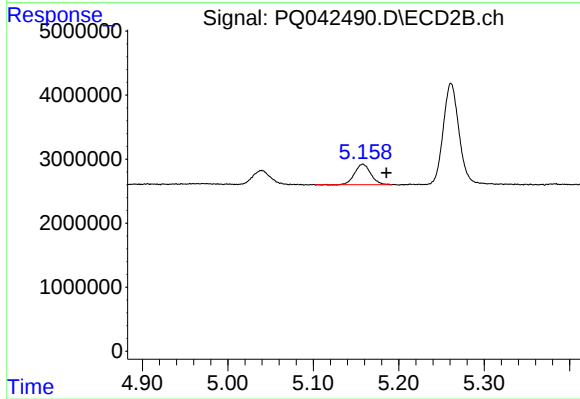
#7 AR-1016-5

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 16906302
Conc: 207.69 ng/ml



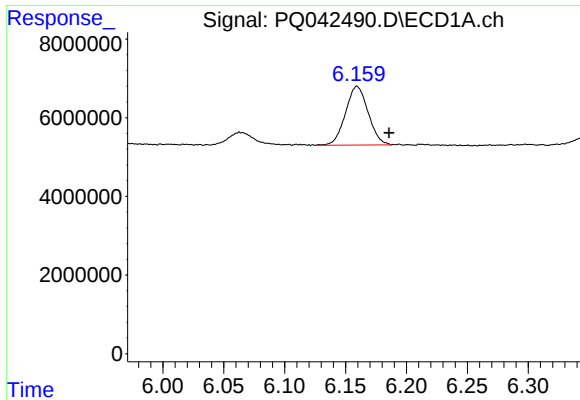
#9 AR-1221-2

R.T.: 6.063 min
Delta R.T.: -0.024 min
Response: 4358050
Conc: 252.21 ng/ml



#9 AR-1221-2

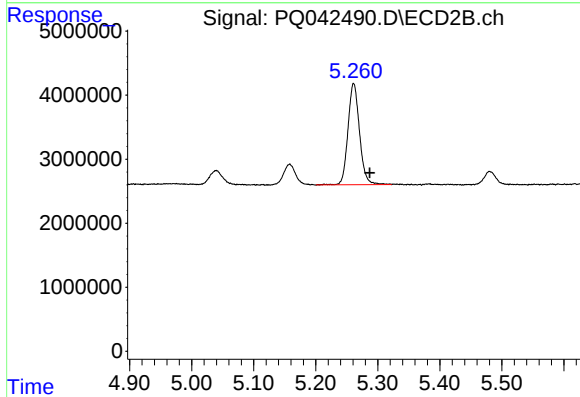
R.T.: 5.158 min
Delta R.T.: -0.027 min
Response: 4235434
Conc: 265.22 ng/ml



#10 AR-1221-3

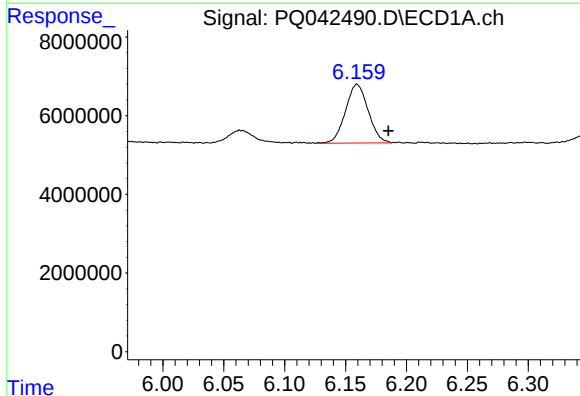
R.T.: 6.159 min
Delta R.T.: -0.026 min
Response: 19332360
Conc: 314.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



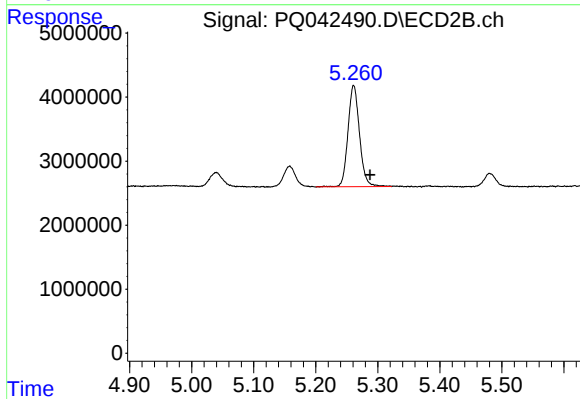
#10 AR-1221-3

R.T.: 5.261 min
Delta R.T.: -0.026 min
Response: 20480176
Conc: 375.56 ng/ml



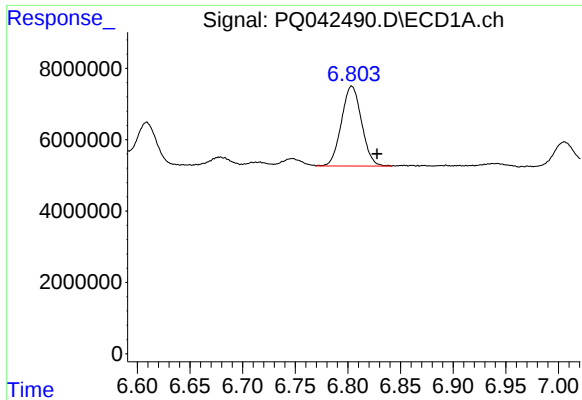
#11 AR-1232-1

R.T.: 6.159 min
Delta R.T.: -0.026 min
Response: 19332360
Conc: 357.24 ng/ml



#11 AR-1232-1

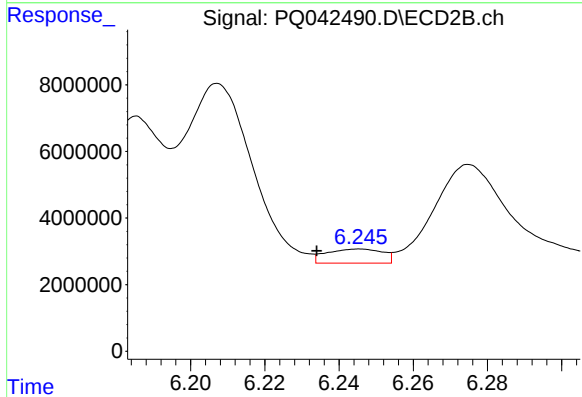
R.T.: 5.261 min
Delta R.T.: -0.026 min
Response: 20480176
Conc: 424.13 ng/ml



#12 AR-1232-2

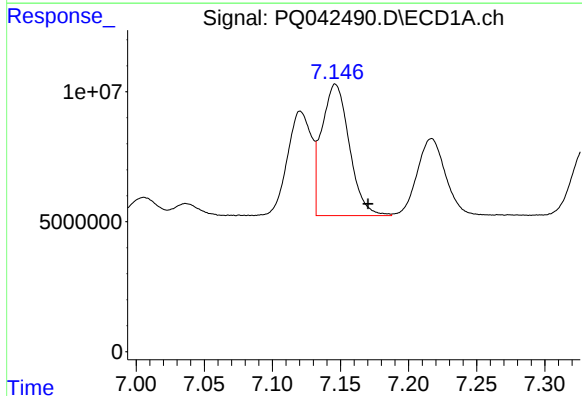
R.T.: 6.804 min
Delta R.T.: -0.024 min
Response: 29824899
Conc: 907.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



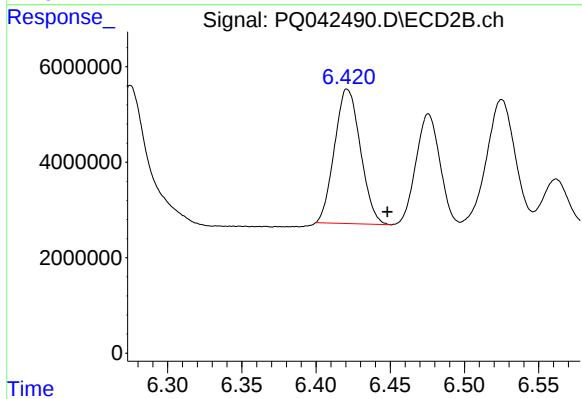
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 4427076
Conc: 77.63 ng/ml



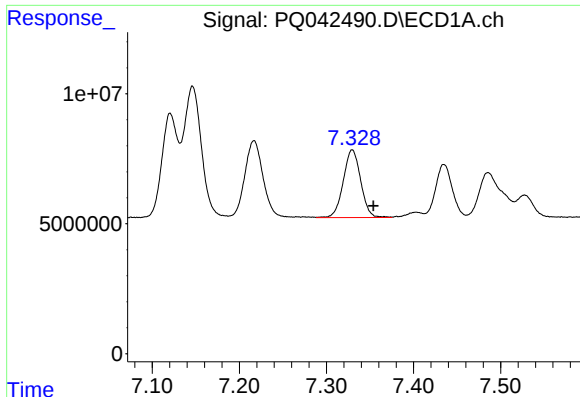
#13 AR-1232-3

R.T.: 7.146 min
Delta R.T.: -0.024 min
Response: 71194015
Conc: 1066.36 ng/ml



#13 AR-1232-3

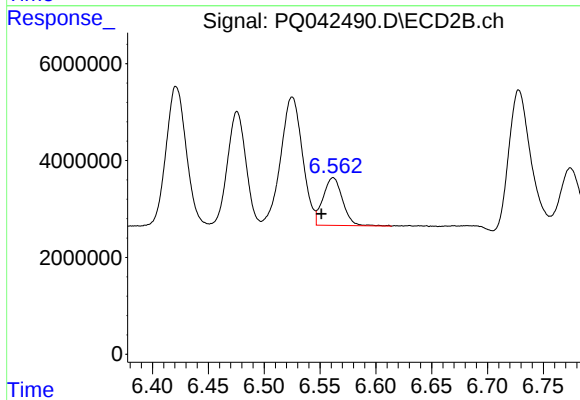
R.T.: 6.421 min
Delta R.T.: -0.027 min
Response: 34221030
Conc: 1147.61 ng/ml



#14 AR-1232-4

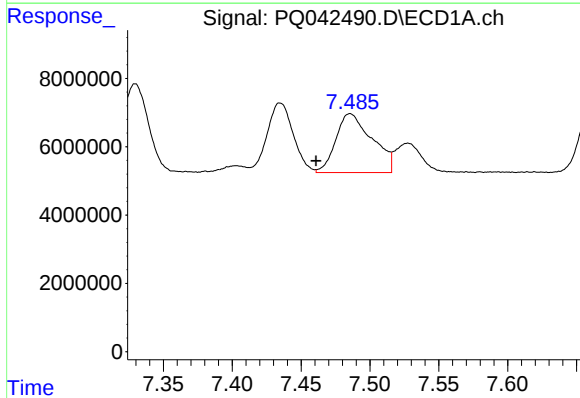
R.T.: 7.330 min
Delta R.T.: -0.024 min
Response: 36185809
Conc: 1128.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



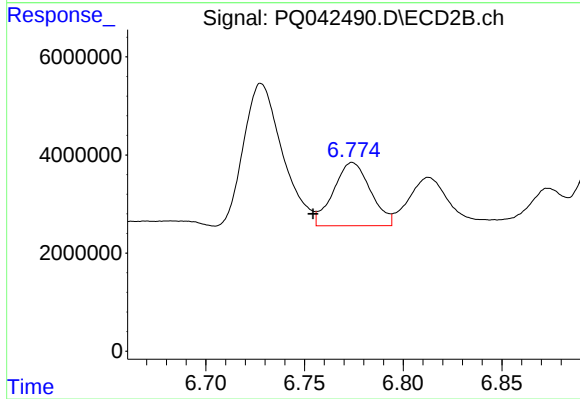
#14 AR-1232-4

R.T.: 6.562 min
Delta R.T.: 0.010 min
Response: 12025017
Conc: 450.43 ng/ml



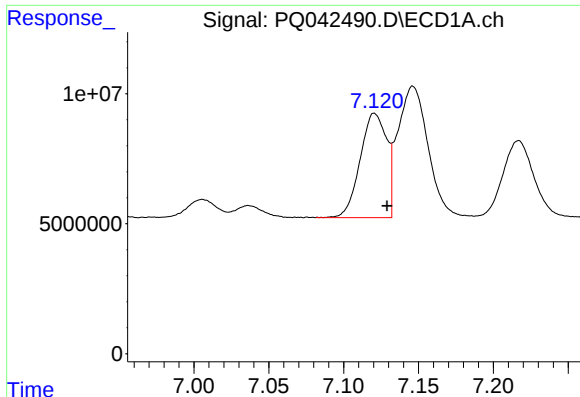
#15 AR-1232-5

R.T.: 7.486 min
Delta R.T.: 0.025 min
Response: 31689943
Conc: 1474.62 ng/ml



#15 AR-1232-5

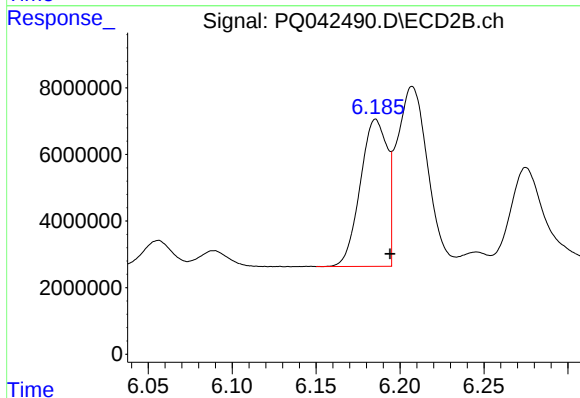
R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 16906302
Conc: 576.49 ng/ml



#16 AR-1242-1

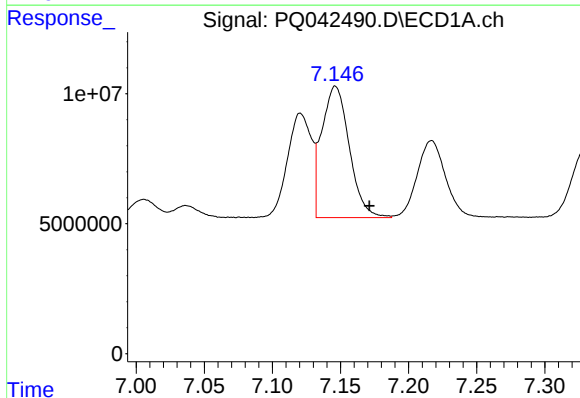
R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 49534443
Conc: 553.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



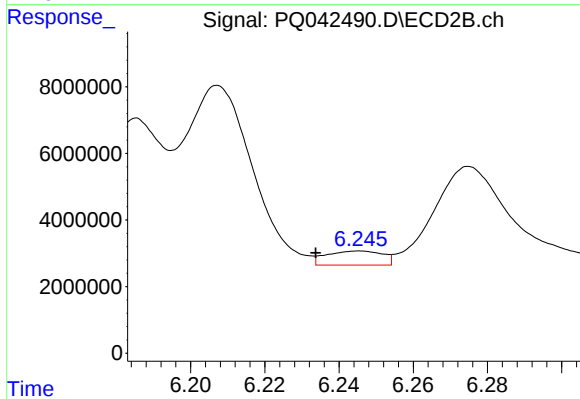
#16 AR-1242-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 49392312
Conc: 603.52 ng/ml



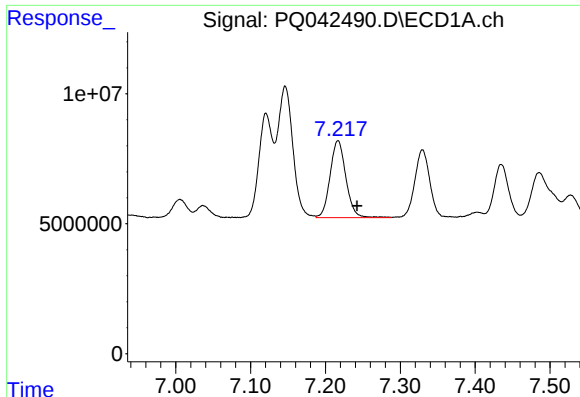
#17 AR-1242-2

R.T.: 7.146 min
Delta R.T.: -0.025 min
Response: 71194015
Conc: 553.65 ng/ml



#17 AR-1242-2

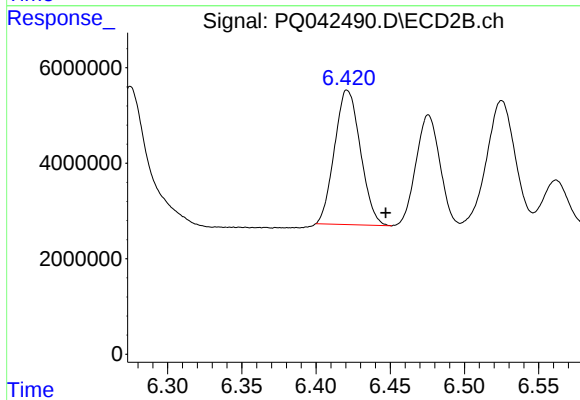
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 4427076
Conc: 39.20 ng/ml



#18 AR-1242-3

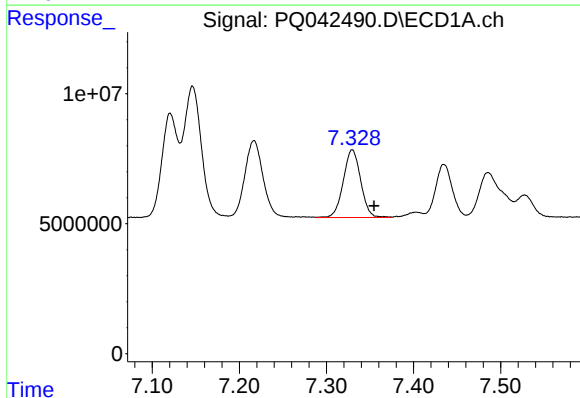
R.T.: 7.217 min
Delta R.T.: -0.025 min
Response: 43391530
Conc: 535.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



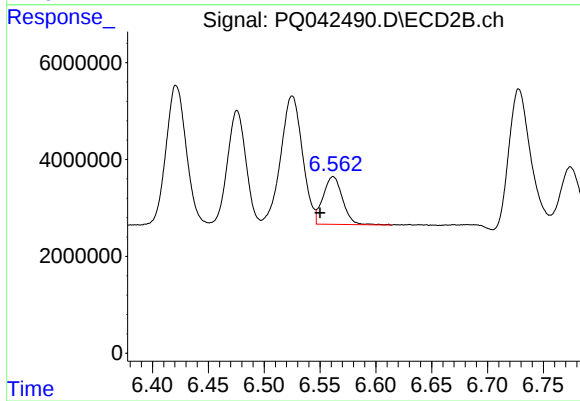
#18 AR-1242-3

R.T.: 6.421 min
Delta R.T.: -0.026 min
Response: 34221030
Conc: 579.30 ng/ml



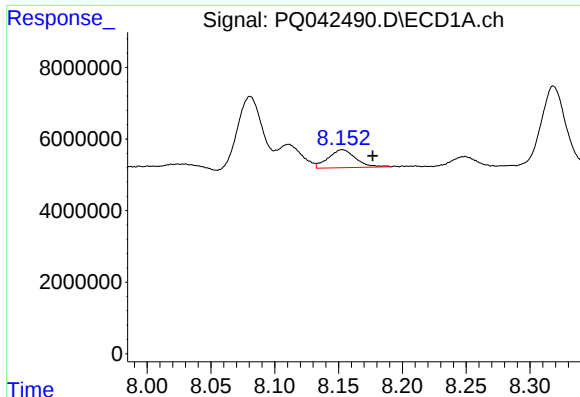
#19 AR-1242-4

R.T.: 7.330 min
Delta R.T.: -0.025 min
Response: 36185809
Conc: 562.87 ng/ml



#19 AR-1242-4

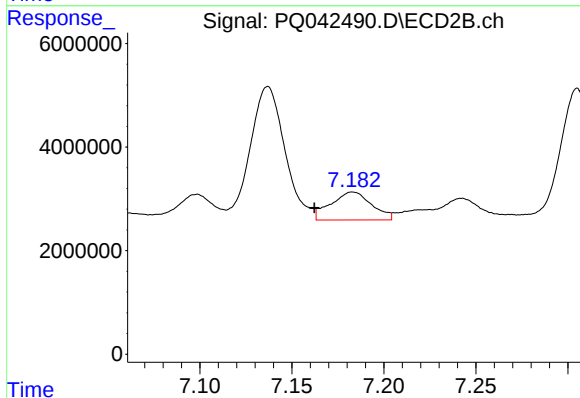
R.T.: 6.562 min
Delta R.T.: 0.012 min
Response: 12025017
Conc: 202.79 ng/ml



#20 AR-1242-5

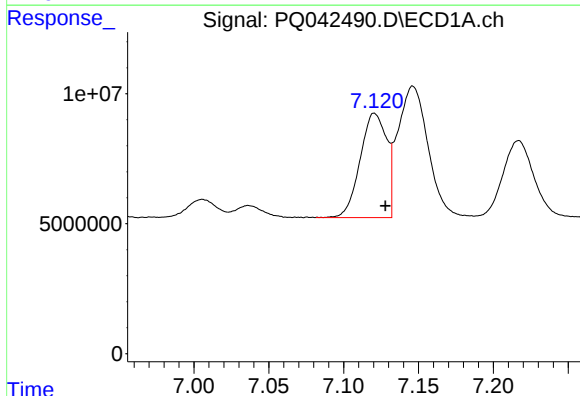
R.T.: 8.153 min
Delta R.T.: -0.024 min
Response: 7571883
Conc: 85.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



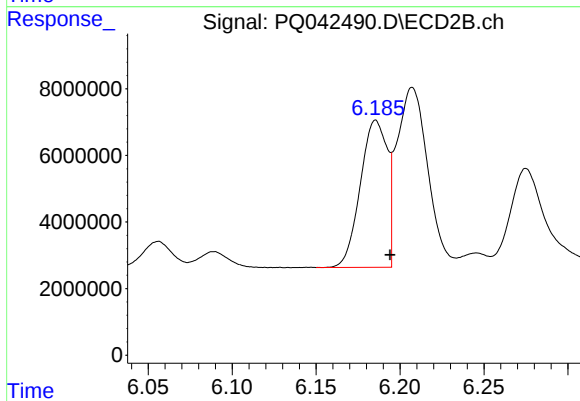
#20 AR-1242-5

R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 8381829
Conc: 94.40 ng/ml



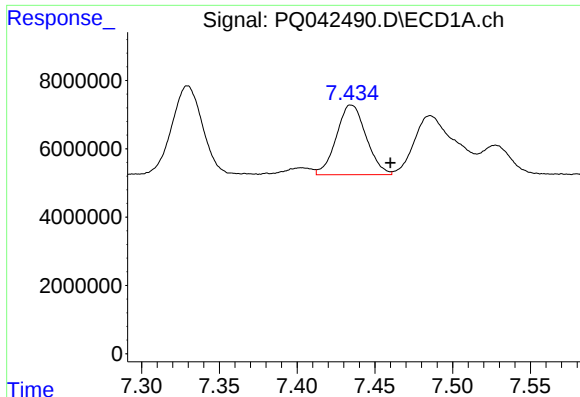
#21 AR-1248-1

R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 49534443
Conc: 668.16 ng/ml



#21 AR-1248-1

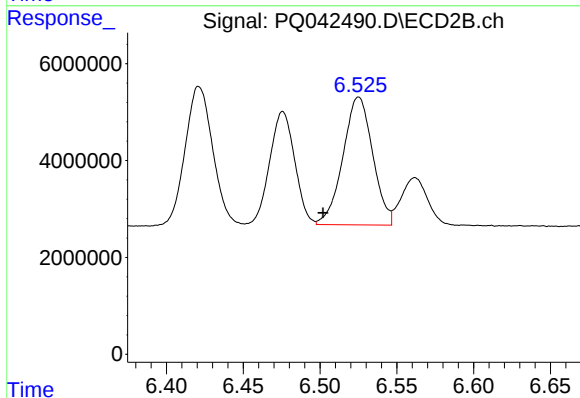
R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 49392312
Conc: 744.94 ng/ml



#22 AR-1248-2

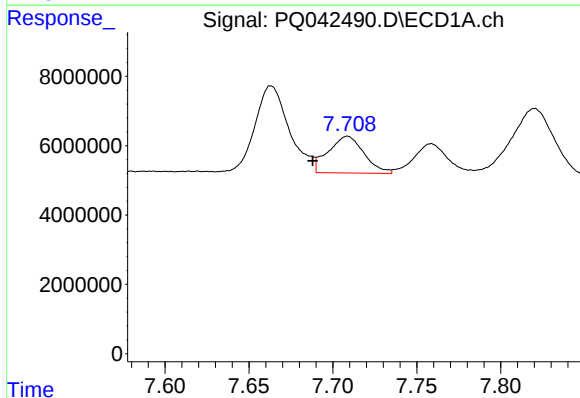
R.T.: 7.435 min
Delta R.T.: -0.025 min
Response: 27146844
Conc: 294.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



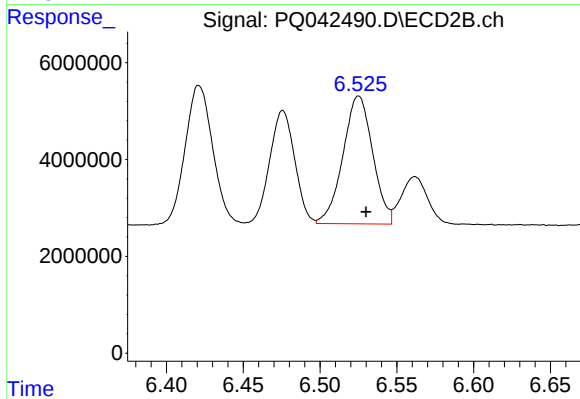
#22 AR-1248-2

R.T.: 6.525 min
Delta R.T.: 0.023 min
Response: 35643594
Conc: 408.81 ng/ml



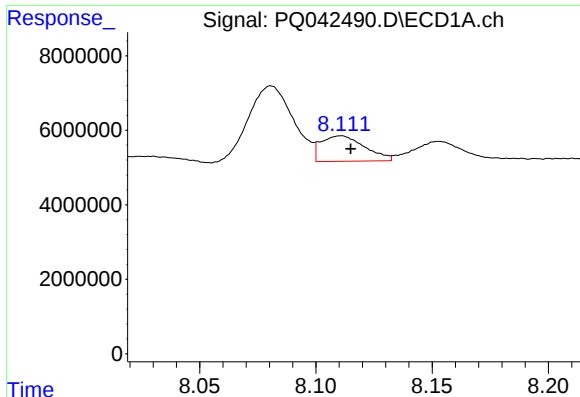
#23 AR-1248-3

R.T.: 7.709 min
Delta R.T.: 0.021 min
Response: 15686976
Conc: 140.01 ng/ml



#23 AR-1248-3

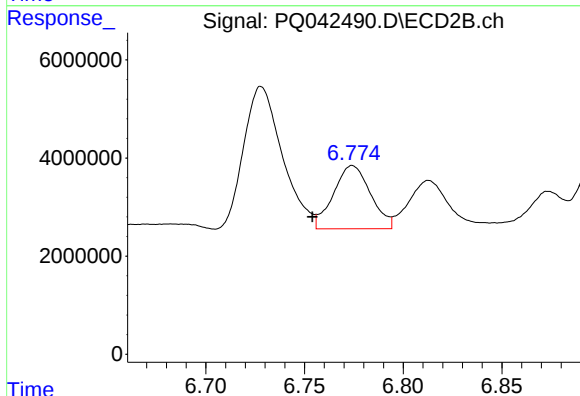
R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 35643594
Conc: 399.34 ng/ml



#24 AR-1248-4

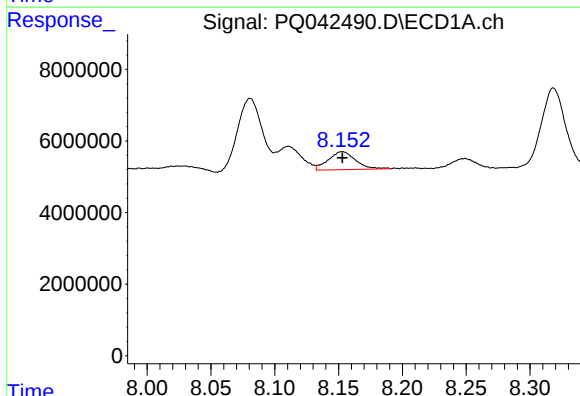
R.T.: 8.111 min
Delta R.T.: -0.004 min
Response: 8962104
Conc: 57.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



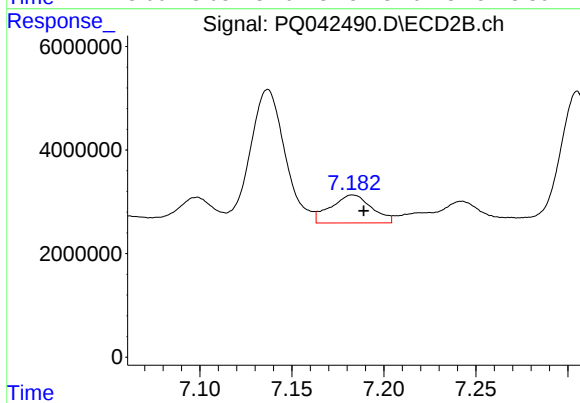
#24 AR-1248-4

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 16906302
Conc: 153.50 ng/ml



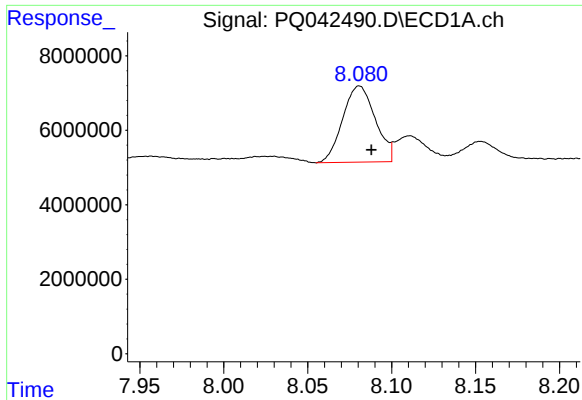
#25 AR-1248-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 7571883
Conc: 50.04 ng/ml



#25 AR-1248-5

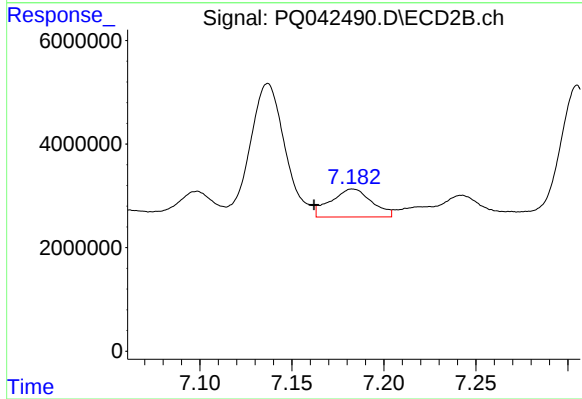
R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 8381829
Conc: 65.39 ng/ml



#26 AR-1254-1

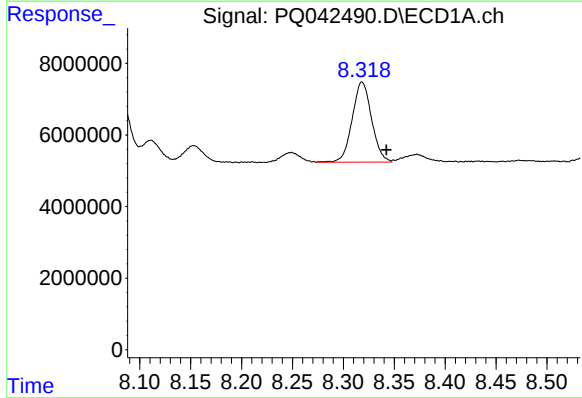
R.T.: 8.081 min
Delta R.T.: -0.007 min
Response: 27584138
Conc: 198.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



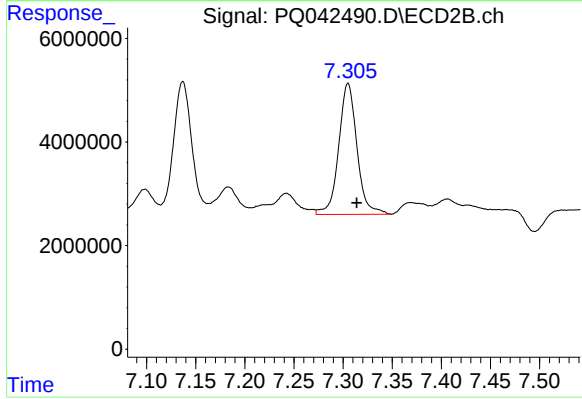
#26 AR-1254-1

R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 8381829
Conc: 45.83 ng/ml



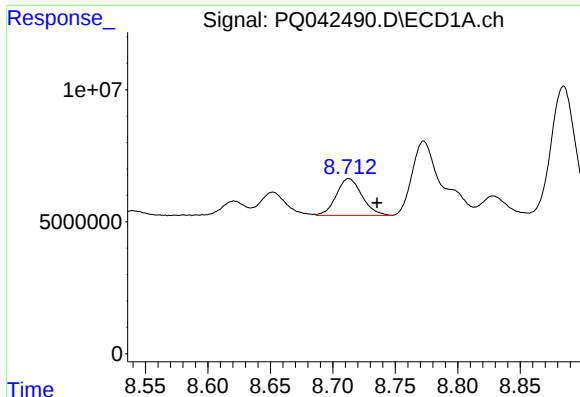
#27 AR-1254-2

R.T.: 8.318 min
Delta R.T.: -0.024 min
Response: 29763913
Conc: 130.04 ng/ml



#27 AR-1254-2

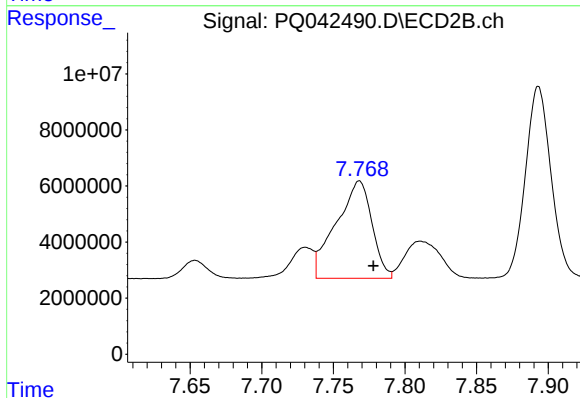
R.T.: 7.305 min
Delta R.T.: -0.009 min
Response: 32844537
Conc: 202.91 ng/ml



#28 AR-1254-3

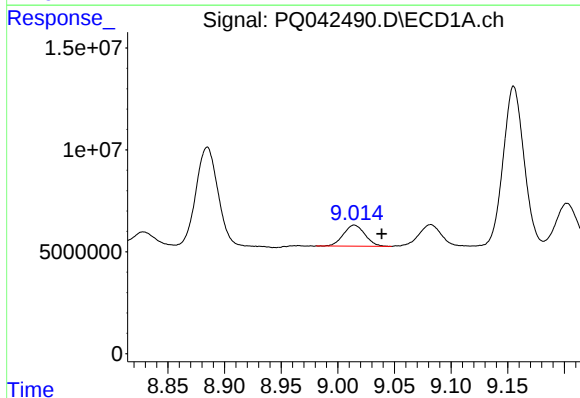
R.T.: 8.713 min
Delta R.T.: -0.023 min
Response: 19881471
Conc: 72.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



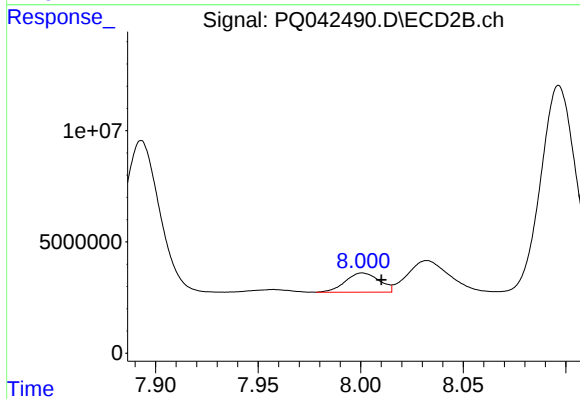
#28 AR-1254-3

R.T.: 7.768 min
Delta R.T.: -0.010 min
Response: 60284752
Conc: 209.03 ng/ml



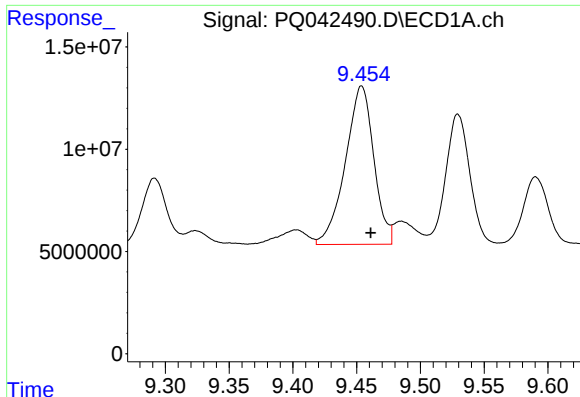
#29 AR-1254-4

R.T.: 9.015 min
Delta R.T.: -0.024 min
Response: 13582135
Conc: 55.17 ng/ml



#29 AR-1254-4

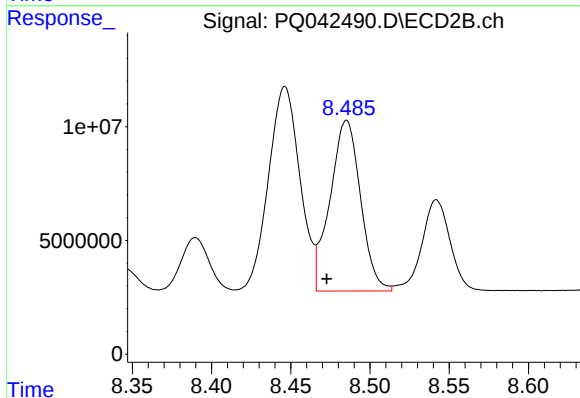
R.T.: 8.001 min
Delta R.T.: -0.009 min
Response: 9942096
Conc: 45.80 ng/ml



#30 AR-1254-5

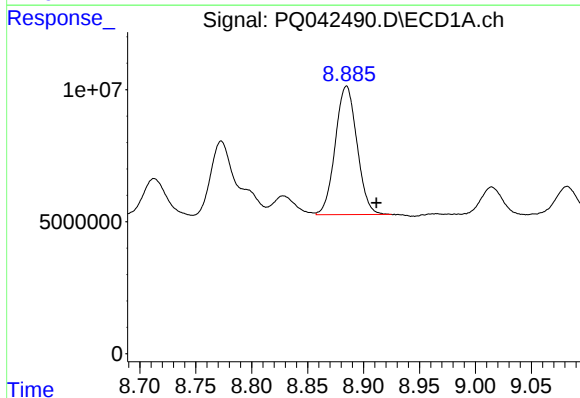
R.T.: 9.454 min
Delta R.T.: -0.007 min
Response: 120366462
Conc: 444.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



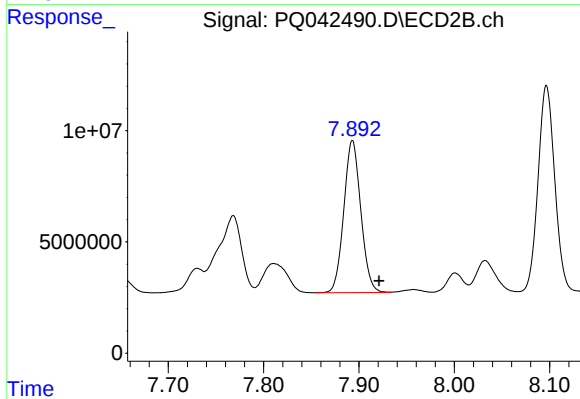
#30 AR-1254-5

R.T.: 8.485 min
Delta R.T.: 0.013 min
Response: 100512070
Conc: 334.18 ng/ml



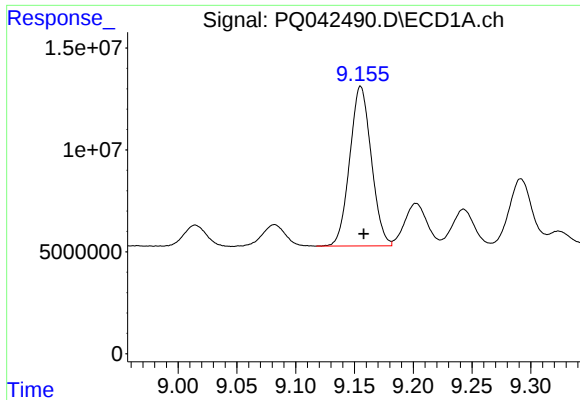
#31 AR-1260-1

R.T.: 8.885 min
Delta R.T.: -0.027 min
Response: 65725843
Conc: 369.48 ng/ml



#31 AR-1260-1

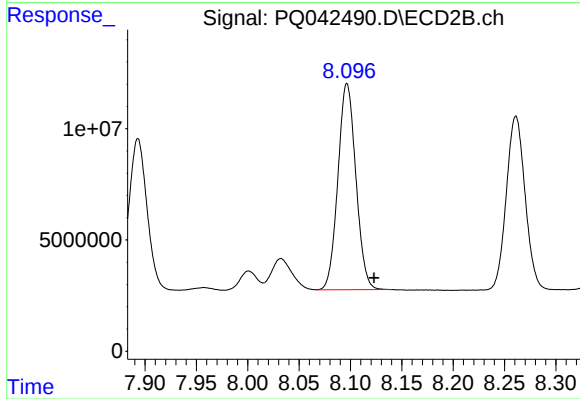
R.T.: 7.893 min
Delta R.T.: -0.028 min
Response: 84970424
Conc: 468.34 ng/ml



#32 AR-1260-2

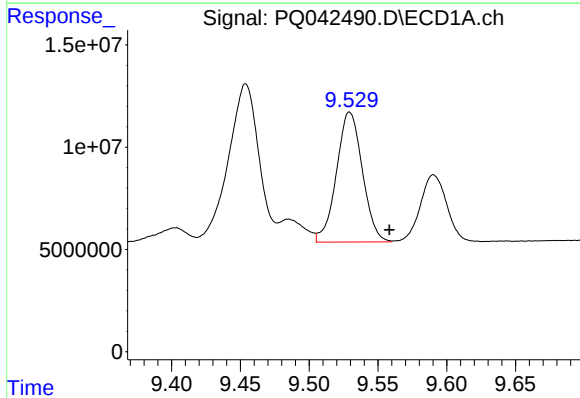
R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 100025257
Conc: 396.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



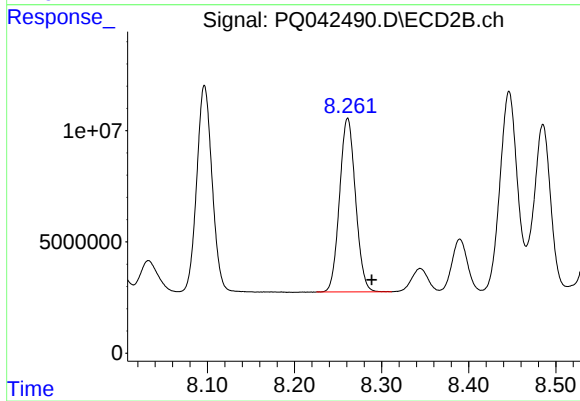
#32 AR-1260-2

R.T.: 8.097 min
Delta R.T.: -0.026 min
Response: 112879329
Conc: 460.10 ng/ml



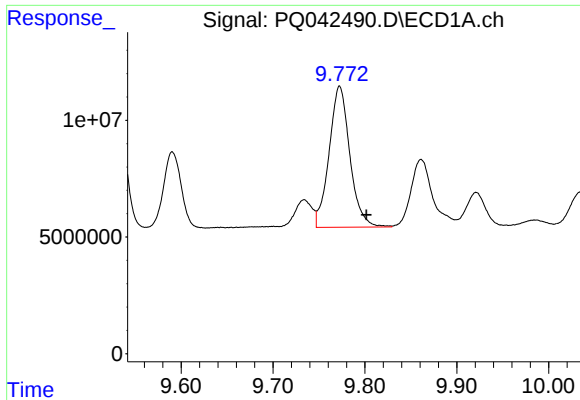
#33 AR-1260-3

R.T.: 9.529 min
Delta R.T.: -0.029 min
Response: 83398797
Conc: 363.97 ng/ml



#33 AR-1260-3

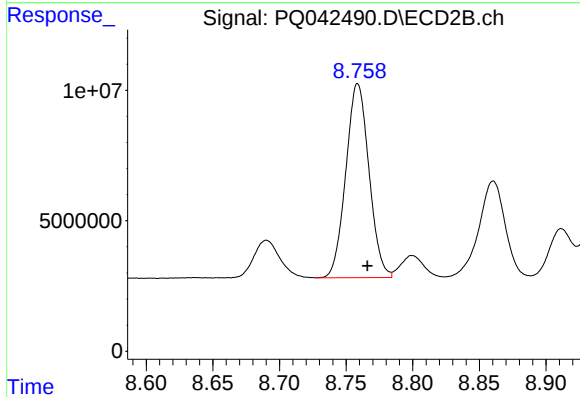
R.T.: 8.261 min
Delta R.T.: -0.028 min
Response: 99436670
Conc: 467.33 ng/ml



#34 AR-1260-4

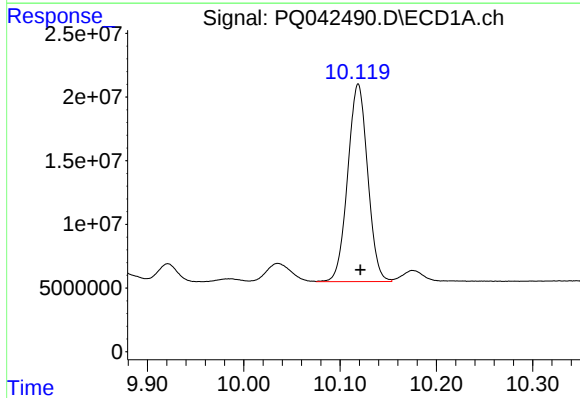
R.T.: 9.773 min
Delta R.T.: -0.029 min
Response: 94817809
Conc: 371.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



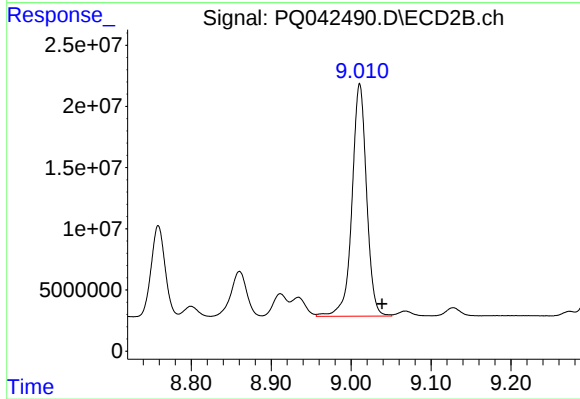
#34 AR-1260-4

R.T.: 8.759 min
Delta R.T.: -0.007 min
Response: 89976992
Conc: 444.79 ng/ml



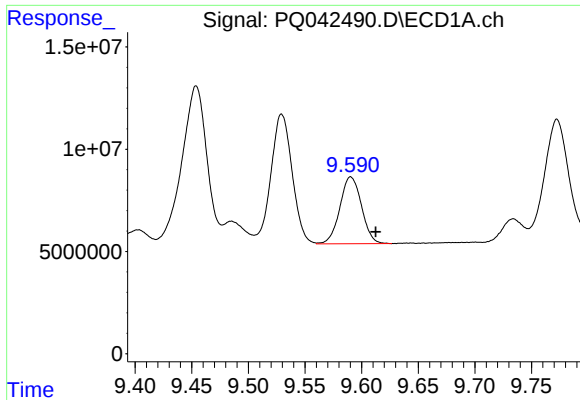
#35 AR-1260-5

R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 222924901
Conc: 330.95 ng/ml



#35 AR-1260-5

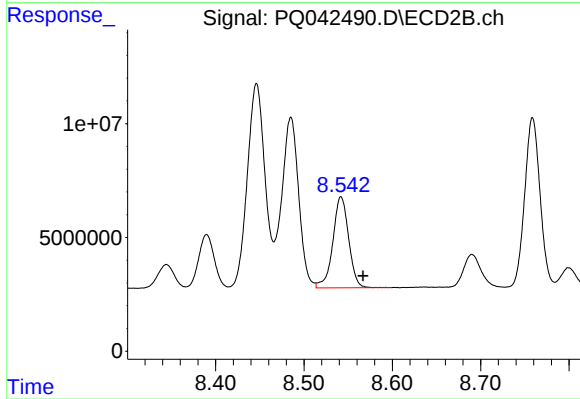
R.T.: 9.011 min
Delta R.T.: -0.028 min
Response: 240764020
Conc: 407.94 ng/ml



#36 AR-1262-1

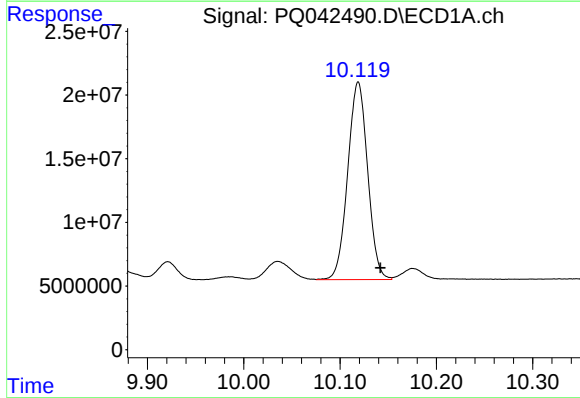
R.T.: 9.590 min
Delta R.T.: -0.022 min
Response: 43569976
Conc: 283.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



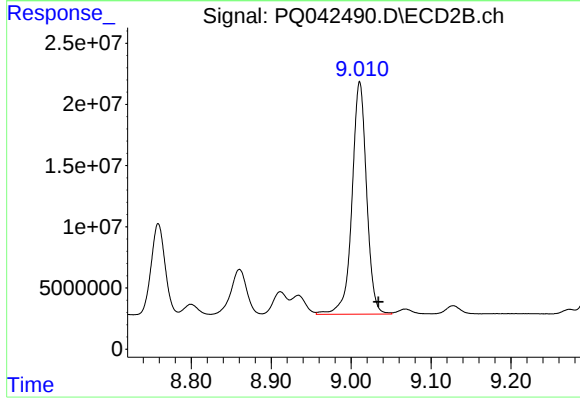
#36 AR-1262-1

R.T.: 8.542 min
Delta R.T.: -0.025 min
Response: 49800557
Conc: 347.13 ng/ml



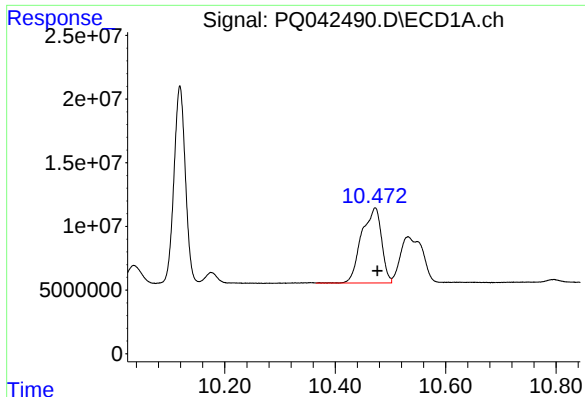
#37 AR-1262-2

R.T.: 10.119 min
Delta R.T.: -0.023 min
Response: 222924901
Conc: 254.65 ng/ml



#37 AR-1262-2

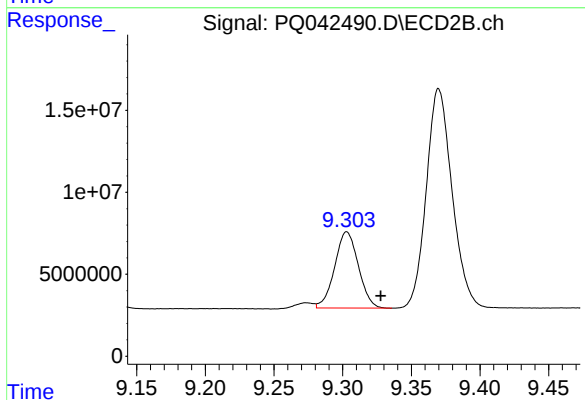
R.T.: 9.011 min
Delta R.T.: -0.024 min
Response: 240764020
Conc: 324.89 ng/ml



#38 AR-1262-3

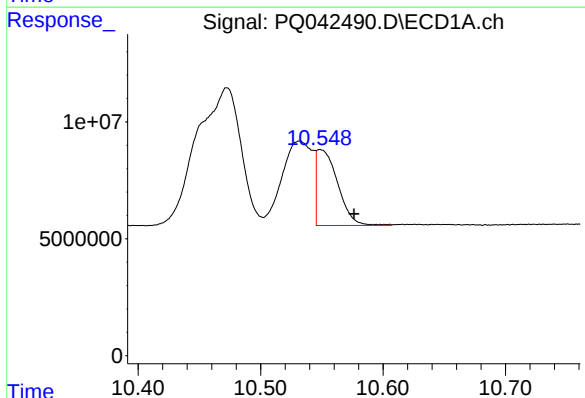
R.T.: 10.473 min
Delta R.T.: -0.004 min
Response: 147955460
Conc: 233.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



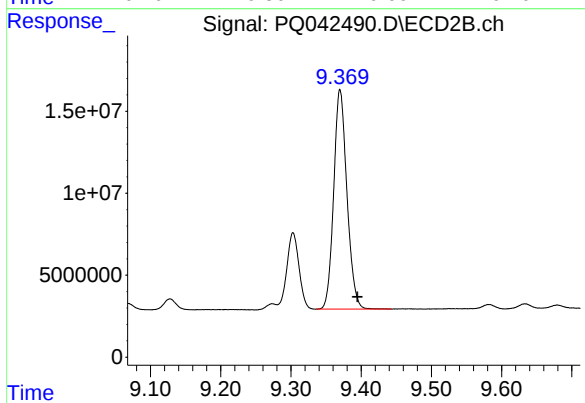
#38 AR-1262-3

R.T.: 9.303 min
Delta R.T.: -0.025 min
Response: 55910903
Conc: 176.73 ng/ml



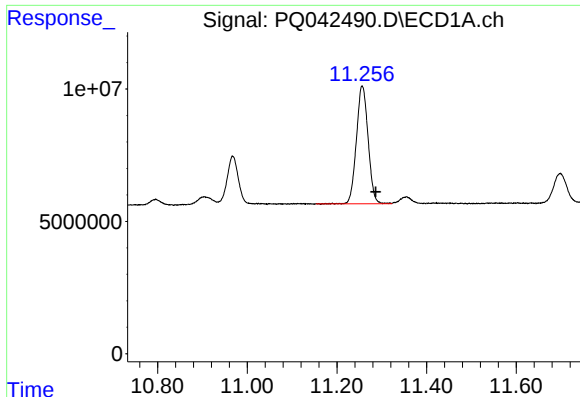
#39 AR-1262-4

R.T.: 10.548 min
Delta R.T.: -0.028 min
Response: 38881034
Conc: 77.65 ng/ml



#39 AR-1262-4

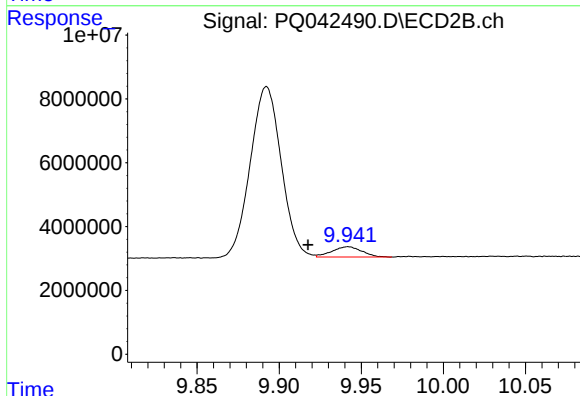
R.T.: 9.370 min
Delta R.T.: -0.025 min
Response: 175437826
Conc: 311.96 ng/ml



#40 AR-1262-5

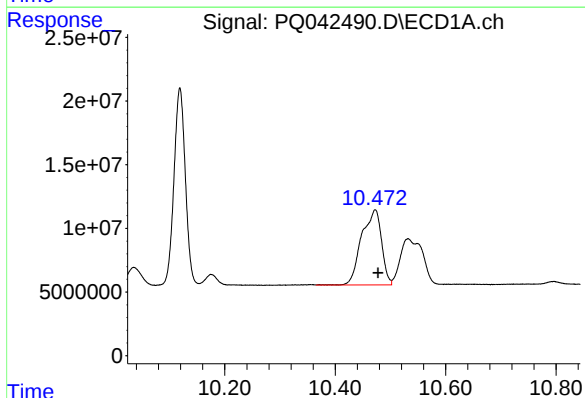
R.T.: 11.256 min
Delta R.T.: -0.030 min
Response: 80613884
Conc: 198.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



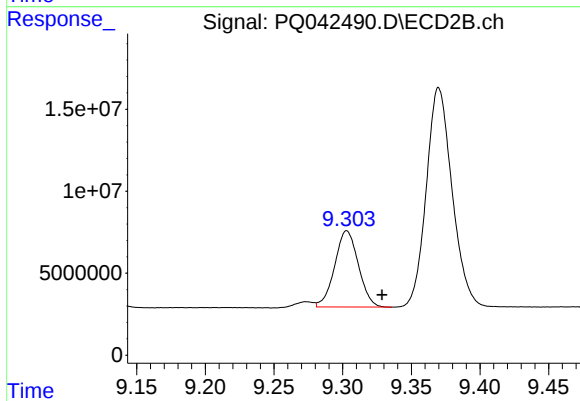
#40 AR-1262-5

R.T.: 9.942 min
Delta R.T.: 0.025 min
Response: 4104099
Conc: 14.37 ng/ml



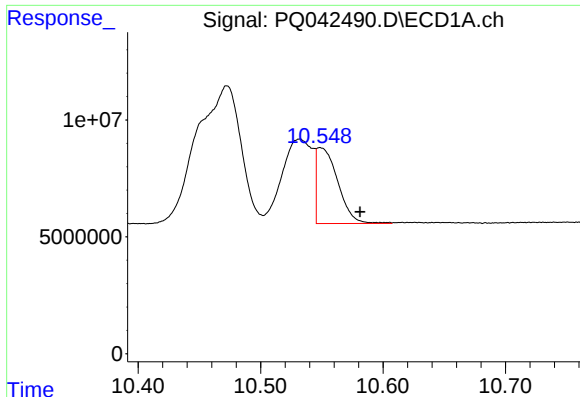
#41 AR-1268-1

R.T.: 10.473 min
Delta R.T.: -0.005 min
Response: 147955460
Conc: 103.86 ng/ml



#41 AR-1268-1

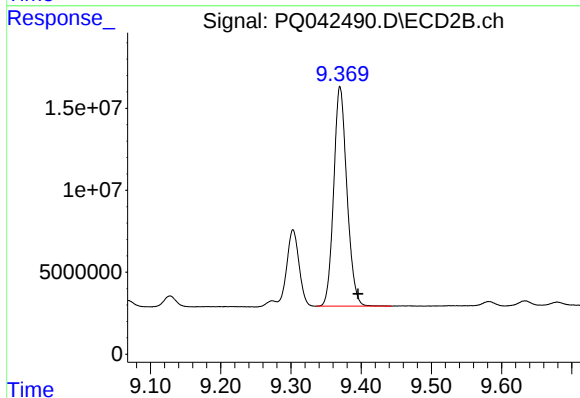
R.T.: 9.303 min
Delta R.T.: -0.026 min
Response: 55910903
Conc: 48.91 ng/ml



#42 AR-1268-2

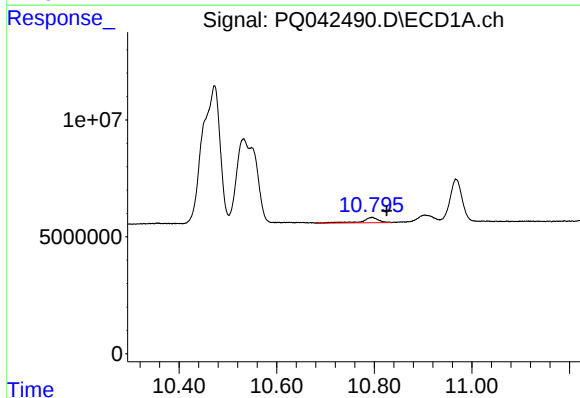
R.T.: 10.548 min
Delta R.T.: -0.033 min
Response: 38881034
Conc: 29.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



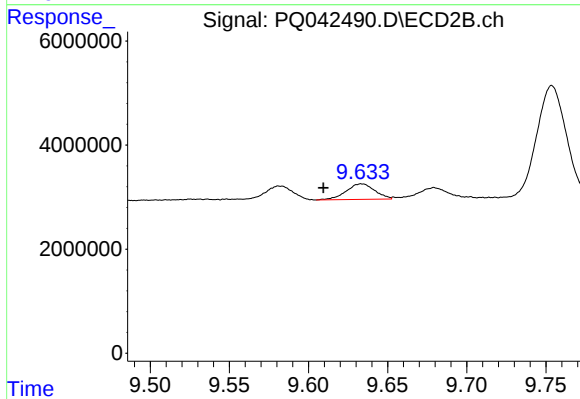
#42 AR-1268-2

R.T.: 9.370 min
Delta R.T.: -0.026 min
Response: 175437826
Conc: 170.90 ng/ml



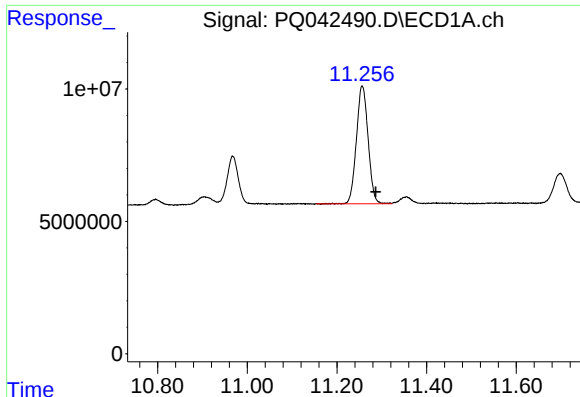
#43 AR-1268-3

R.T.: 10.796 min
Delta R.T.: -0.029 min
Response: 5228447
Conc: 4.47 ng/ml



#43 AR-1268-3

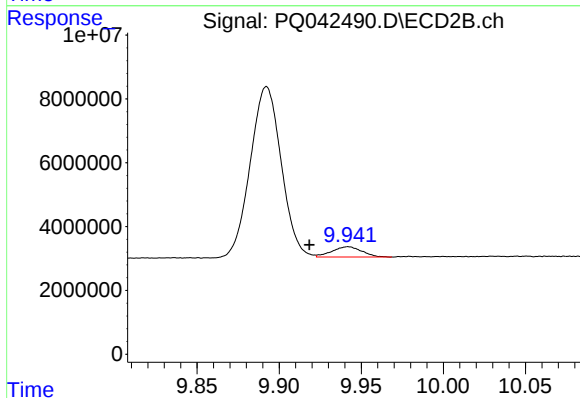
R.T.: 9.634 min
Delta R.T.: 0.024 min
Response: 3741454
Conc: 4.31 ng/ml



#44 AR-1268-4

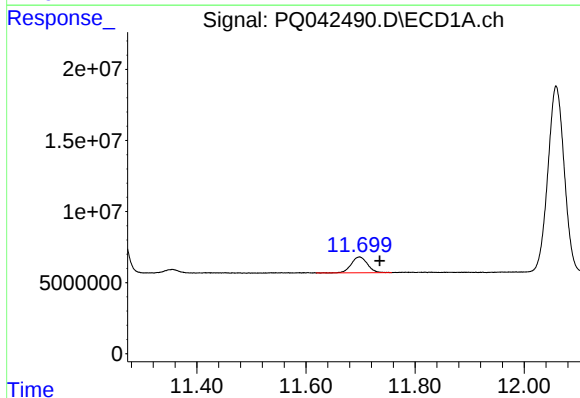
R.T.: 11.256 min
Delta R.T.: -0.030 min
Response: 80613884
Conc: 148.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



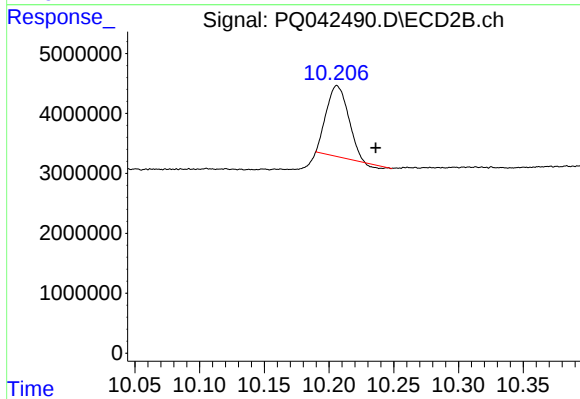
#44 AR-1268-4

R.T.: 9.942 min
Delta R.T.: 0.024 min
Response: 4104099
Conc: 10.67 ng/ml



#45 AR-1268-5

R.T.: 11.698 min
Delta R.T.: -0.037 min
Response: 22995084
Conc: 5.67 ng/ml



#45 AR-1268-5

R.T.: 10.206 min
Delta R.T.: -0.030 min
Response: 13748728
Conc: 5.29 ng/ml