

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 09:19
 Operator : SM\SJ
 Sample : AR1660CCC500
 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: Oct 03 09:33:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.594	3.867	116.9E6	90957396	50.404	45.417
2)	SA Decachlor...	10.450	8.940	83715782	73538983	40.158	37.977
Target Compounds							
3)	L1 AR-1016-1	5.307	4.549	27840451	22015668	526.062	456.283
4)	L1 AR-1016-2	5.504	4.965	29291802	33405403	558.578	495.025
5)	L1 AR-1016-3	5.772	4.984	38798011	47107547	526.058	504.197
6)	L1 AR-1016-4	5.858	5.041	35346474	30763758	517.807	518.158
7)	L1 AR-1016-5	6.252	5.418	29868874	26673750	548.490	510.385
8)	L2 AR-1221-1	4.801	4.083	3366760	2843755	142.784	140.273
9)	L2 AR-1221-2	4.892	4.171	5204331	4360180	296.500	279.090
10)	L2 AR-1221-3	4.970	4.247	19391634	15872904	350.129	324.119
11)	L3 AR-1232-1	5.795	4.744	59401907	23451526	1433.151	1345.455
12)	L3 AR-1232-2	5.958	4.858	29037535	6950964	1403.690	1377.621
13)	L3 AR-1232-3	6.130	5.244	9723244	24123668	1687.231	1538.022
14)	L3 AR-1232-4	6.464	5.568	7718328	28631777	1600.094	1550.394
15)	L3 AR-1232-5	7.327	6.149	7679242	749568	2982.060	262.691 #
16)	L4 AR-1242-1	5.338	4.569	16760915	12302567	757.525	618.908
17)	L4 AR-1242-2	6.092	5.163	26766274	25425533	737.252	708.714
18)	L4 AR-1242-3	6.293	5.276	12840969	8511685	753.522	722.966
19)	L4 AR-1242-4	6.338	5.641	9278619	6734794	609.396	645.872
20)	L4 AR-1242-5	6.394	6.014	31762994	2402256	699.030	101.207 #
21)	L5 AR-1248-1	6.046	5.202	24882606	19299245	429.957	392.401
22)	L5 AR-1248-2	6.630	5.771	27785247	26233052	494.340	286.964 #
23)	L5 AR-1248-3	6.657	5.812	9690054	6330275	129.549	100.089
24)	L5 AR-1248-4	6.696	5.989	8515463	1561113	120.287	28.615 #
25)	L5 AR-1248-5	6.847	6.337	23303545	36370886	509.475	893.609 #
26)	L6 AR-1254-1	6.847	5.917	23303545	19122024	140.539	159.038
27)	L6 AR-1254-2	7.132	6.234	4035363	3661368	39.672	37.047
28)	L6 AR-1254-3	7.217	6.551	12068228	3573848	66.359	28.498 #
29)	L6 AR-1254-4	7.502	6.877	8027554	5830655	60.245	66.286
30)	L6 AR-1254-5	7.766	6.970	29791811	68964748	291.374	397.025 #
31)	L7 AR-1260-1	7.380	6.454	57902859	53155126	496.421	496.112
32)	L7 AR-1260-2	7.635	6.639	67811185	63515539	505.322	491.057
33)	L7 AR-1260-3	7.922	6.796	77344710	57020877	499.161	472.520
34)	L7 AR-1260-4	8.229	7.268	52997285	45984683	463.926	469.465
35)	L7 AR-1260-5	8.560	7.508	103.0E6	109.0E6	452.049	456.601
36)	L8 AR-1262-1	7.275	6.337	37845986	36370886	640.173	690.651
37)	L8 AR-1262-2	8.054	7.060	24276977	24285886	481.619	481.355
38)	L8 AR-1262-3	8.312	7.366	25425376	24815141	447.222	454.282
39)	L8 AR-1262-4	8.961	7.792	36834342	21387465	321.372	239.293 #
40)	L8 AR-1262-5	9.665	8.362	25173420	24025974	309.689	303.852
41)	L9 AR-1268-1	7.996	7.006	46329903	48920291	881.832	970.838

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 Acq On : 03 Oct 2018 09:19
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

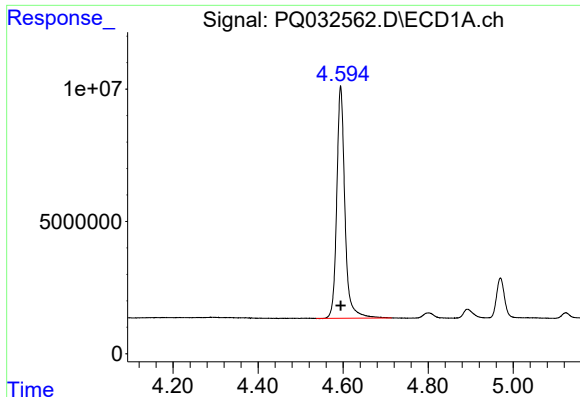
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 09:33:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.229	7.856	52997285	75019151	778.198	282.605 #
43) L9	AR-1268-3	8.902	8.064	62526896	15088887	214.810	6.907 #
44) L9	AR-1268-4	0.000	8.158	0	1005374	N.D.	17.501 #
45) L9	AR-1268-5	10.097	8.669	6247431	6263807	8.418	8.805

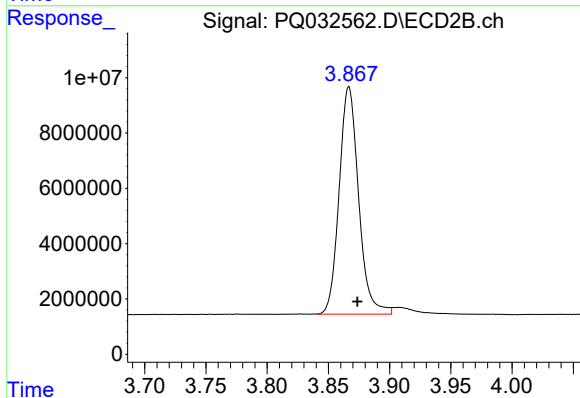
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

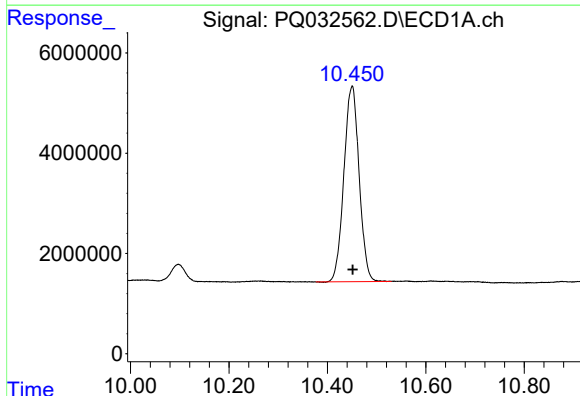
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 116871518
Conc: 50.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



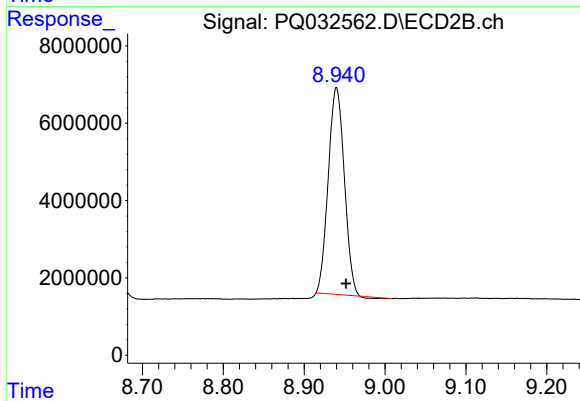
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: -0.007 min
Response: 90957396
Conc: 45.42 ng/ml



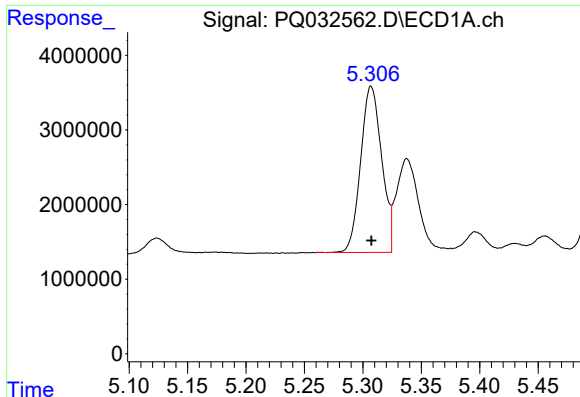
#2 Decachlorobiphenyl

R.T.: 10.450 min
Delta R.T.: 0.000 min
Response: 83715782
Conc: 40.16 ng/ml



#2 Decachlorobiphenyl

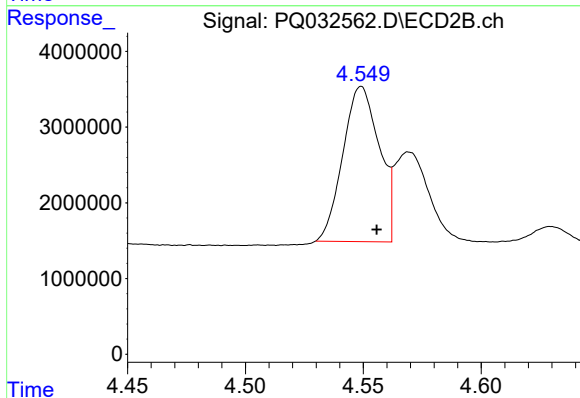
R.T.: 8.940 min
Delta R.T.: -0.012 min
Response: 73538983
Conc: 37.98 ng/ml



#3 AR-1016-1

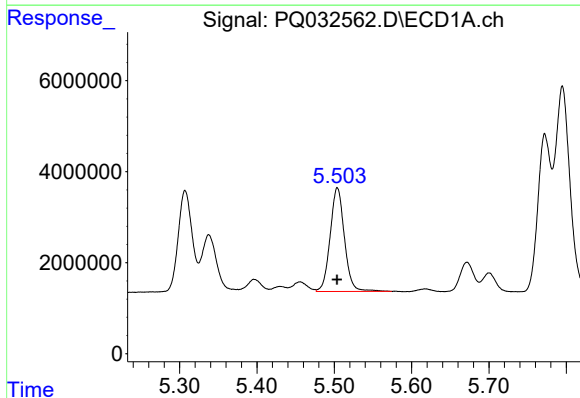
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 27840451
Conc: 526.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



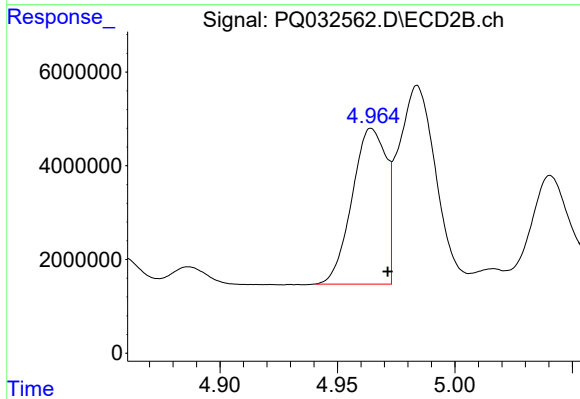
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.006 min
Response: 22015668
Conc: 456.28 ng/ml



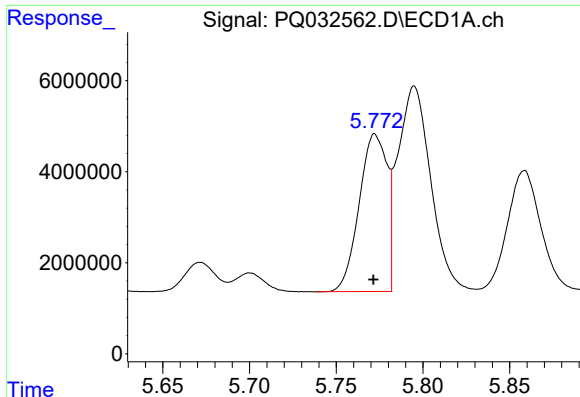
#4 AR-1016-2

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 29291802
Conc: 558.58 ng/ml



#4 AR-1016-2

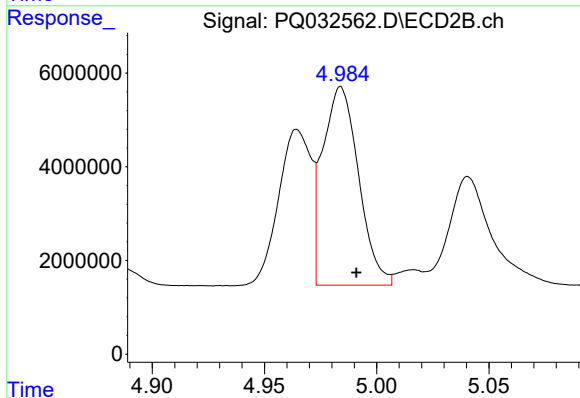
R.T.: 4.965 min
Delta R.T.: -0.007 min
Response: 33405403
Conc: 495.03 ng/ml



#5 AR-1016-3

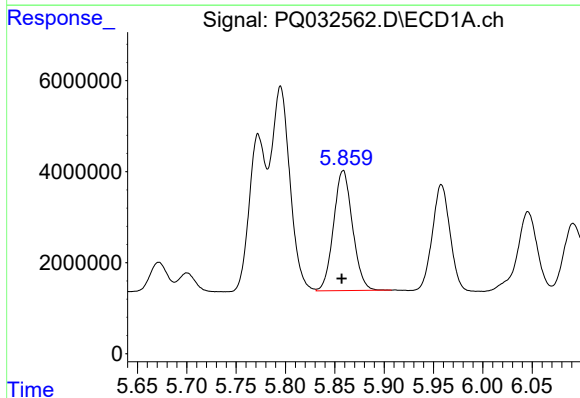
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 38798011
Conc: 526.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



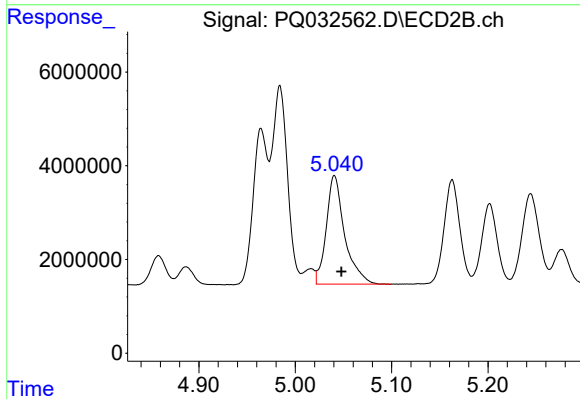
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: -0.007 min
Response: 47107547
Conc: 504.20 ng/ml



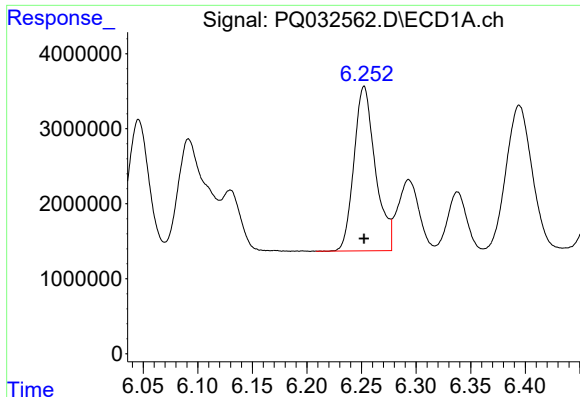
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 35346474
Conc: 517.81 ng/ml



#6 AR-1016-4

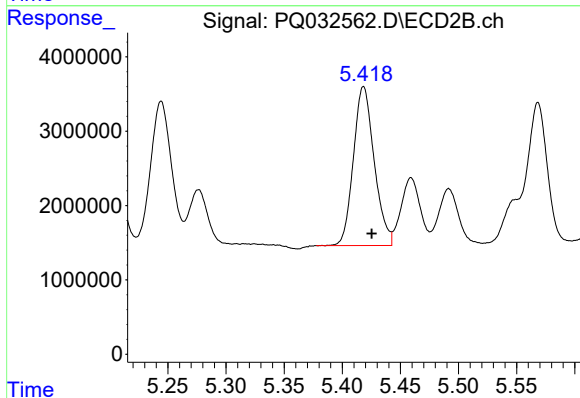
R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 30763758
Conc: 518.16 ng/ml



#7 AR-1016-5

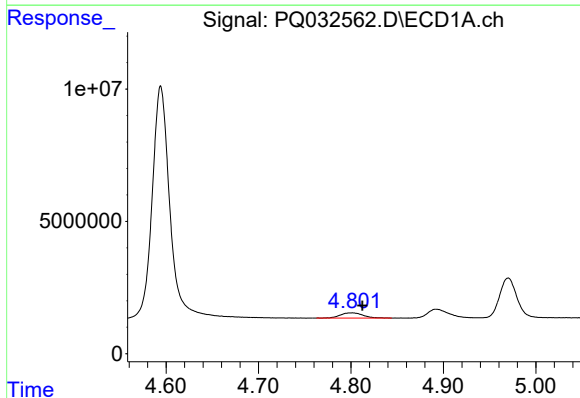
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 29868874
Conc: 548.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



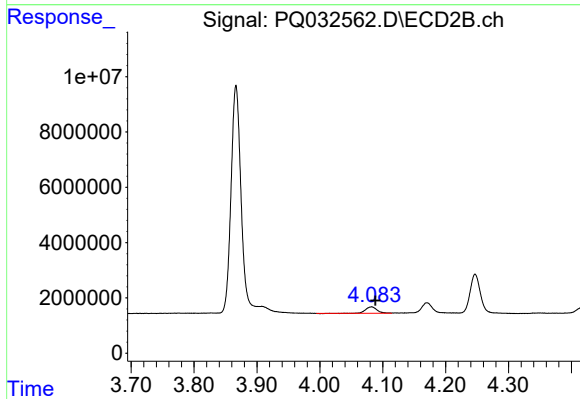
#7 AR-1016-5

R.T.: 5.418 min
Delta R.T.: -0.007 min
Response: 26673750
Conc: 510.38 ng/ml



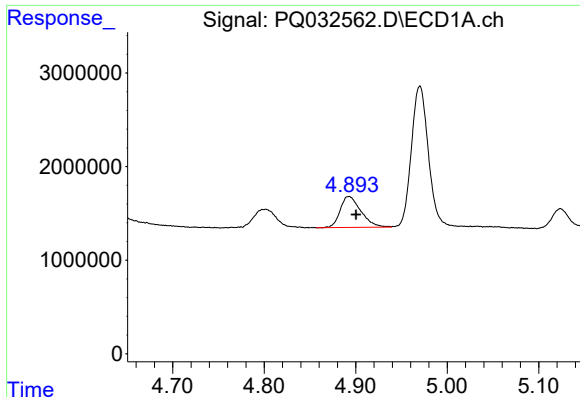
#8 AR-1221-1

R.T.: 4.801 min
Delta R.T.: -0.011 min
Response: 3366760
Conc: 142.78 ng/ml



#8 AR-1221-1

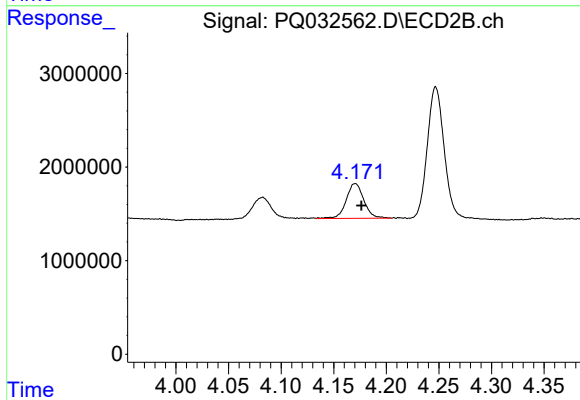
R.T.: 4.083 min
Delta R.T.: -0.006 min
Response: 2843755
Conc: 140.27 ng/ml



#9 AR-1221-2

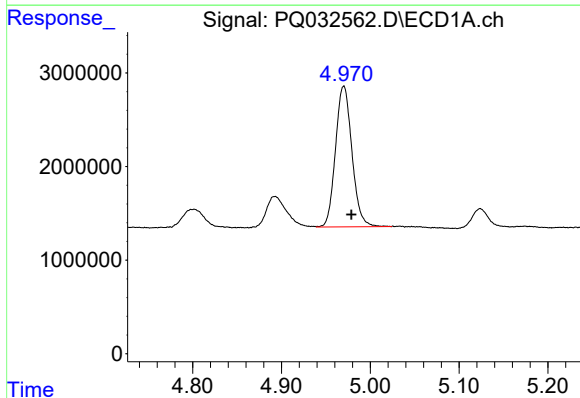
R.T.: 4.892 min
Delta R.T.: -0.008 min
Response: 5204331
Conc: 296.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



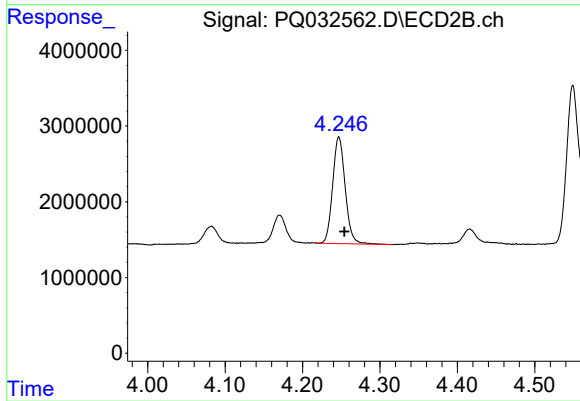
#9 AR-1221-2

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 4360180
Conc: 279.09 ng/ml



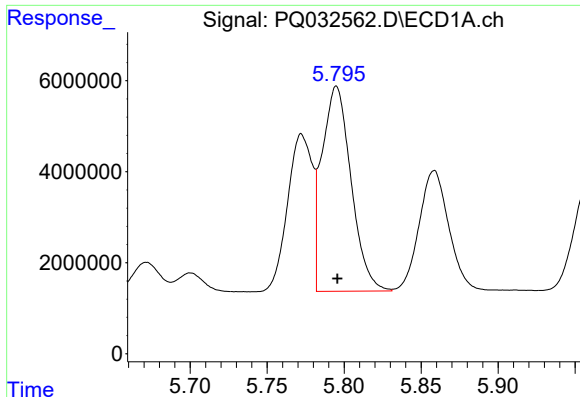
#10 AR-1221-3

R.T.: 4.970 min
Delta R.T.: -0.009 min
Response: 19391634
Conc: 350.13 ng/ml



#10 AR-1221-3

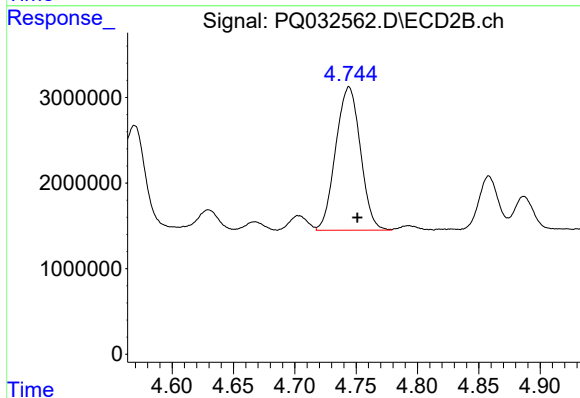
R.T.: 4.247 min
Delta R.T.: -0.007 min
Response: 15872904
Conc: 324.12 ng/ml



#11 AR-1232-1

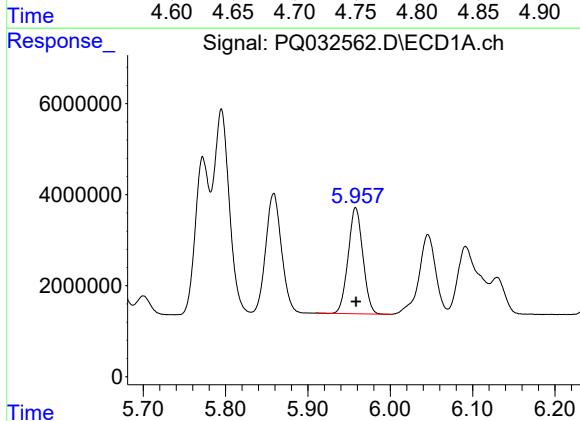
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 59401907
Conc: 1433.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



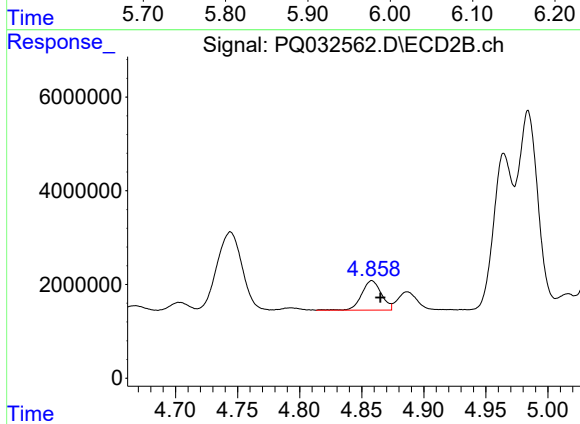
#11 AR-1232-1

R.T.: 4.744 min
Delta R.T.: -0.007 min
Response: 23451526
Conc: 1345.46 ng/ml



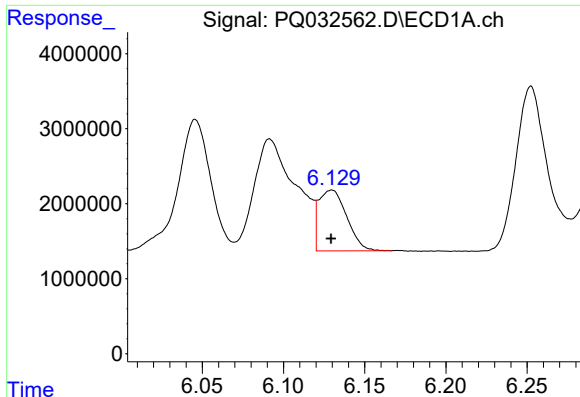
#12 AR-1232-2

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 29037535
Conc: 1403.69 ng/ml



#12 AR-1232-2

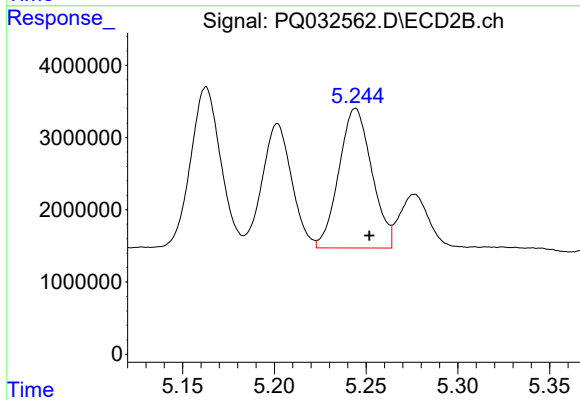
R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 6950964
Conc: 1377.62 ng/ml



#13 AR-1232-3

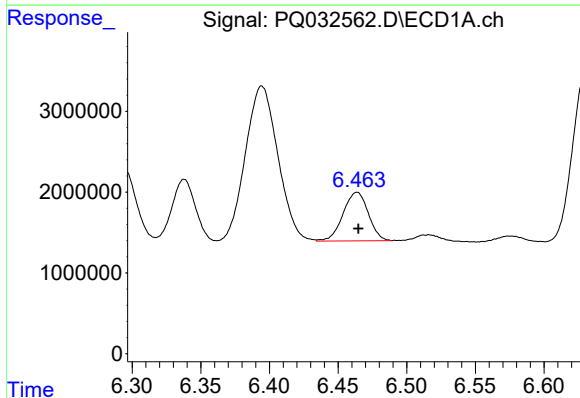
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 9723244
Conc: 1687.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



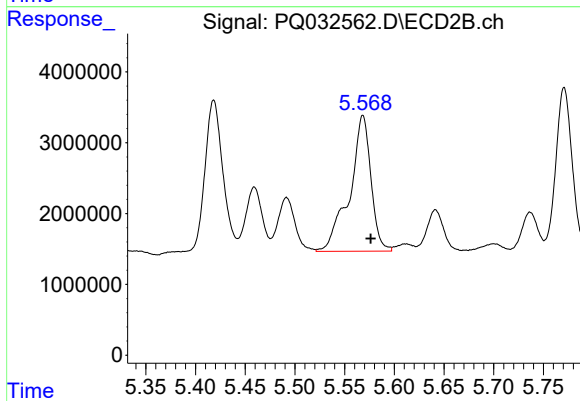
#13 AR-1232-3

R.T.: 5.244 min
Delta R.T.: -0.007 min
Response: 24123668
Conc: 1538.02 ng/ml



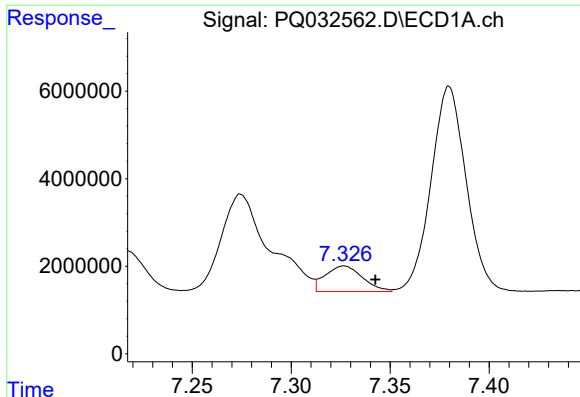
#14 AR-1232-4

R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 7718328
Conc: 1600.09 ng/ml



#14 AR-1232-4

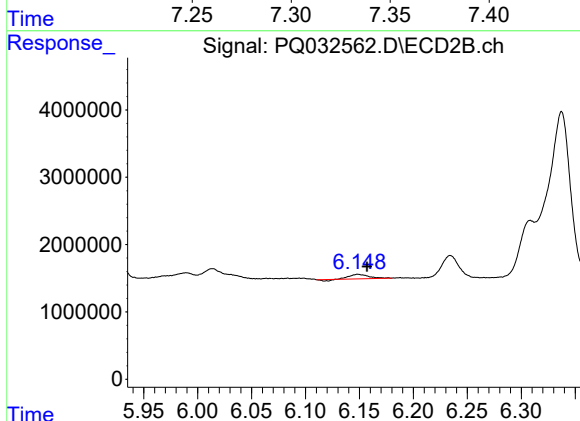
R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 28631777
Conc: 1550.39 ng/ml



#15 AR-1232-5

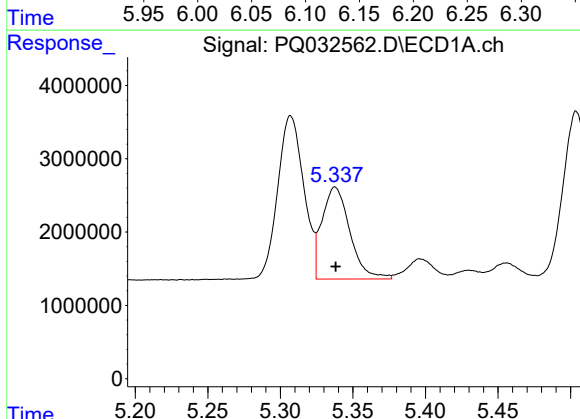
R.T.: 7.327 min
Delta R.T.: -0.016 min
Response: 7679242
Conc: 2982.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



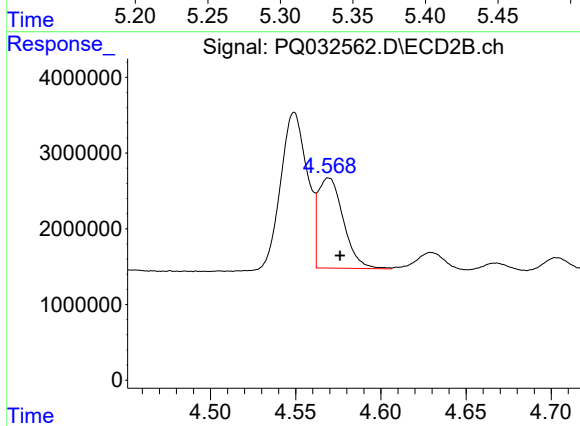
#15 AR-1232-5

R.T.: 6.149 min
Delta R.T.: -0.008 min
Response: 749568
Conc: 262.69 ng/ml



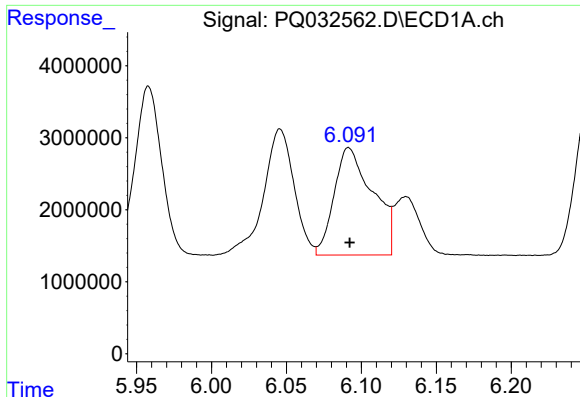
#16 AR-1242-1

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 16760915
Conc: 757.53 ng/ml



#16 AR-1242-1

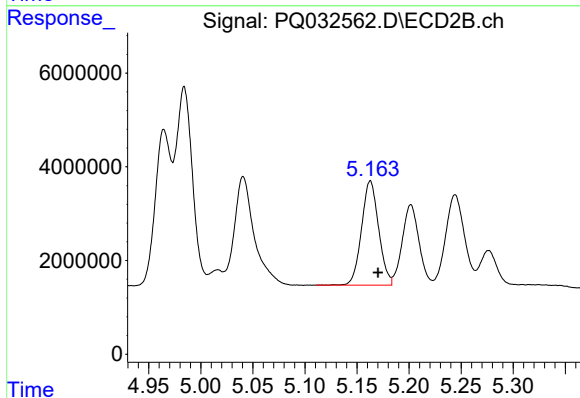
R.T.: 4.569 min
Delta R.T.: -0.007 min
Response: 12302567
Conc: 618.91 ng/ml



#17 AR-1242-2

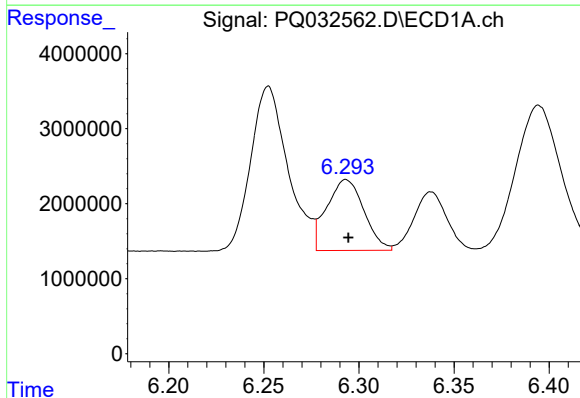
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 26766274
Conc: 737.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



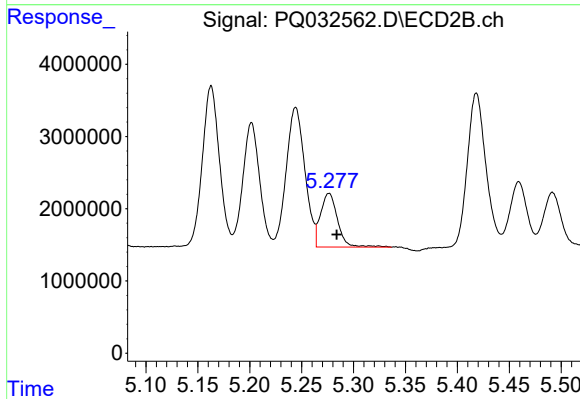
#17 AR-1242-2

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 25425533
Conc: 708.71 ng/ml



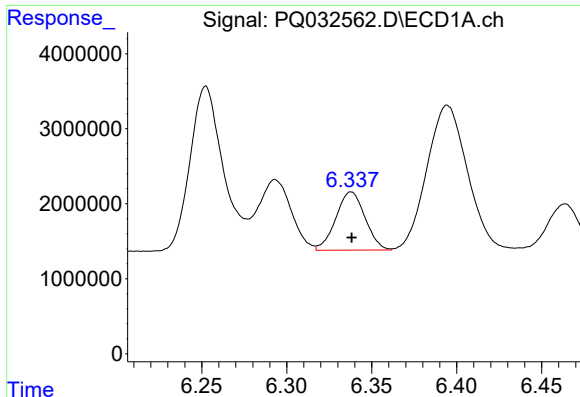
#18 AR-1242-3

R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 12840969
Conc: 753.52 ng/ml



#18 AR-1242-3

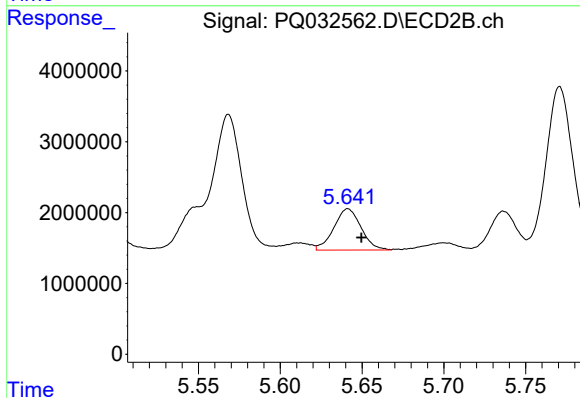
R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 8511685
Conc: 722.97 ng/ml



#19 AR-1242-4

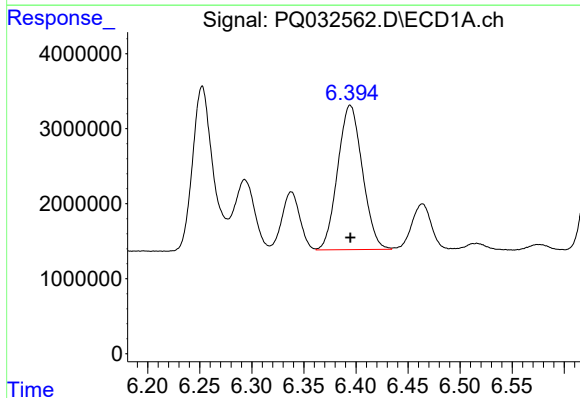
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 9278619
Conc: 609.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



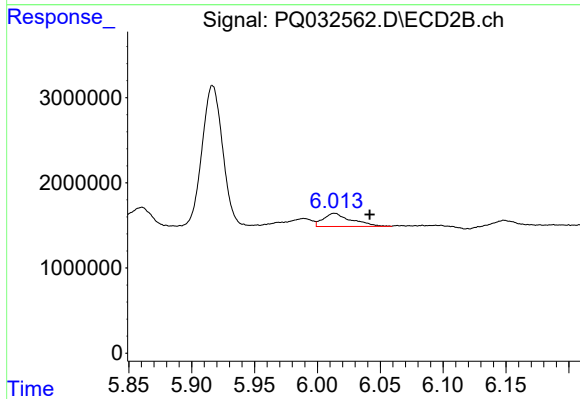
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.008 min
Response: 6734794
Conc: 645.87 ng/ml



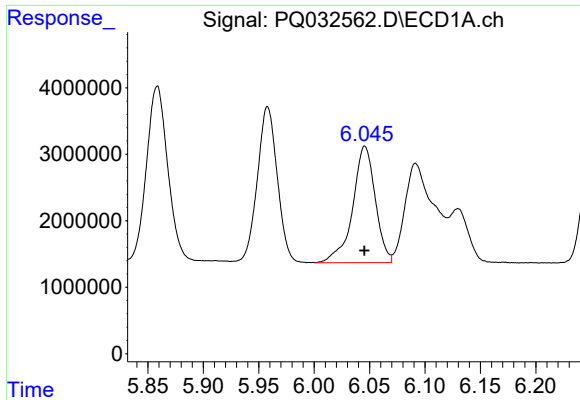
#20 AR-1242-5

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 31762994
Conc: 699.03 ng/ml



#20 AR-1242-5

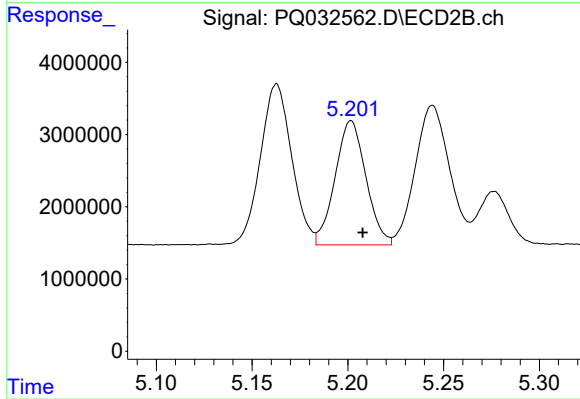
R.T.: 6.014 min
Delta R.T.: -0.028 min
Response: 2402256
Conc: 101.21 ng/ml



#21 AR-1248-1

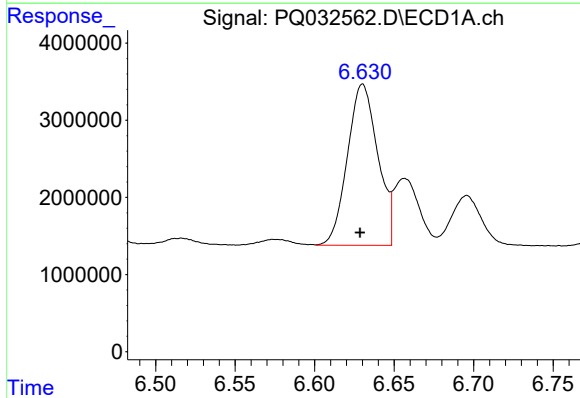
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 24882606
Conc: 429.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



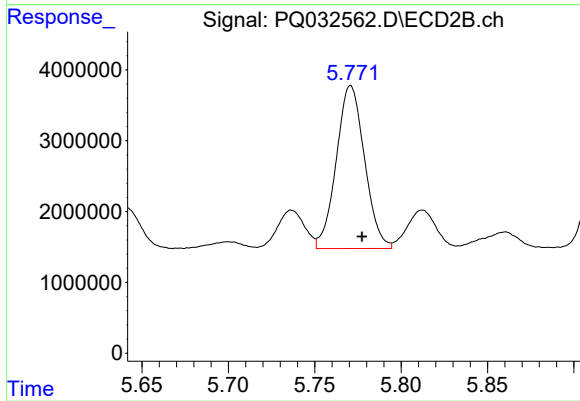
#21 AR-1248-1

R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 19299245
Conc: 392.40 ng/ml



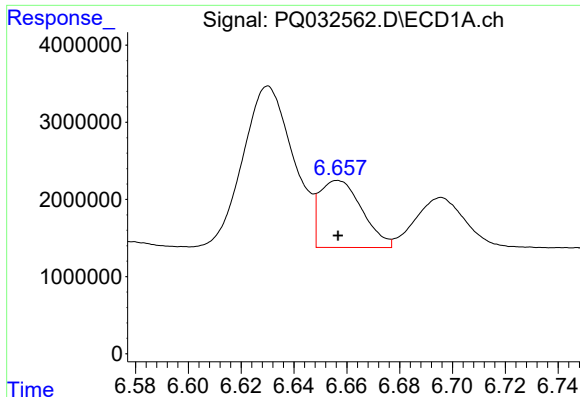
#22 AR-1248-2

R.T.: 6.630 min
Delta R.T.: 0.002 min
Response: 27785247
Conc: 494.34 ng/ml



#22 AR-1248-2

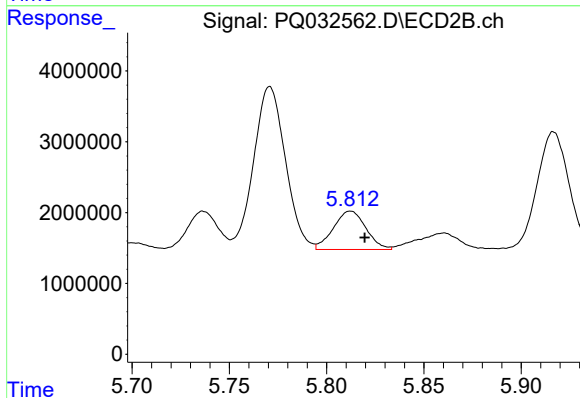
R.T.: 5.771 min
Delta R.T.: -0.007 min
Response: 26233052
Conc: 286.96 ng/ml



#23 AR-1248-3

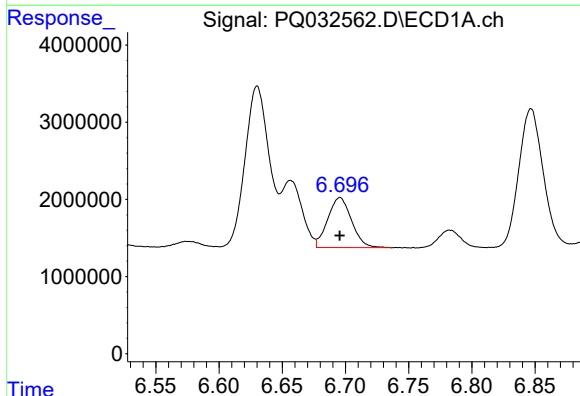
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 9690054
Conc: 129.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



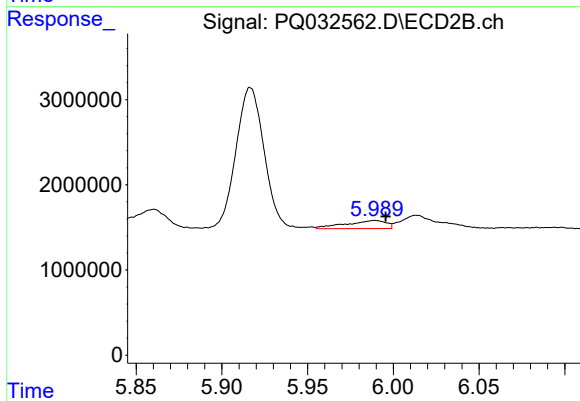
#23 AR-1248-3

R.T.: 5.812 min
Delta R.T.: -0.007 min
Response: 6330275
Conc: 100.09 ng/ml



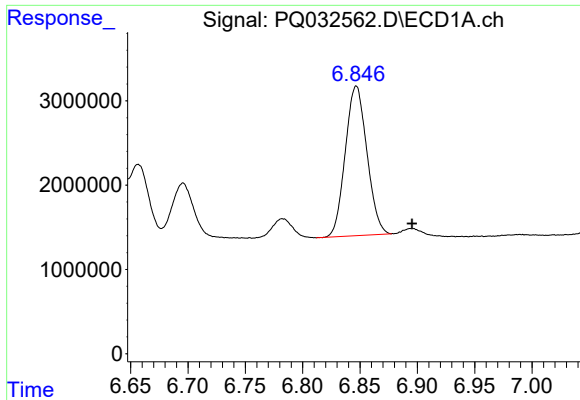
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 8515463
Conc: 120.29 ng/ml



#24 AR-1248-4

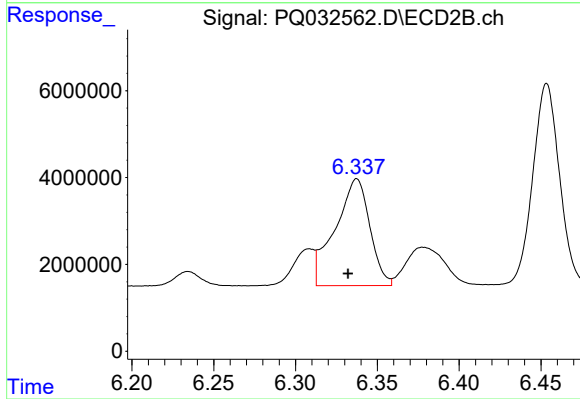
R.T.: 5.989 min
Delta R.T.: -0.006 min
Response: 1561113
Conc: 28.61 ng/ml



#25 AR-1248-5

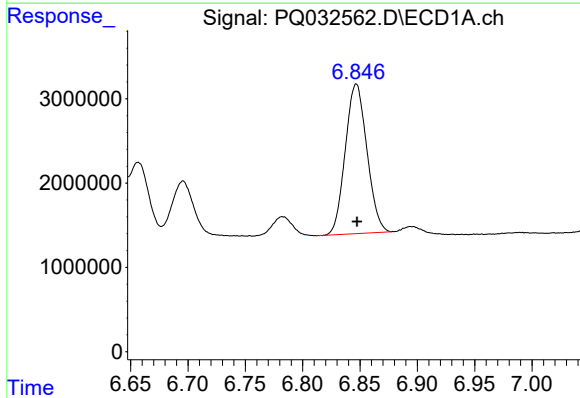
R.T.: 6.847 min
Delta R.T.: -0.049 min
Response: 23303545
Conc: 509.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



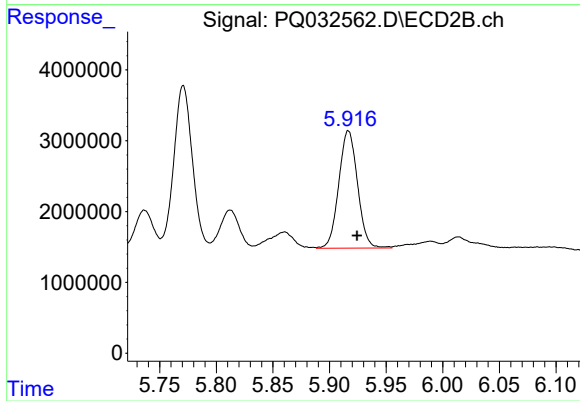
#25 AR-1248-5

R.T.: 6.337 min
Delta R.T.: 0.005 min
Response: 36370886
Conc: 893.61 ng/ml



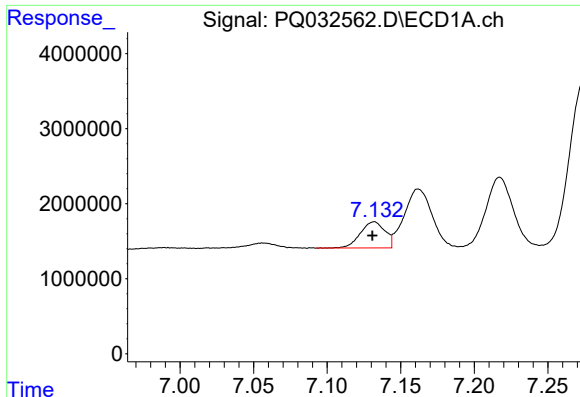
#26 AR-1254-1

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 23303545
Conc: 140.54 ng/ml



#26 AR-1254-1

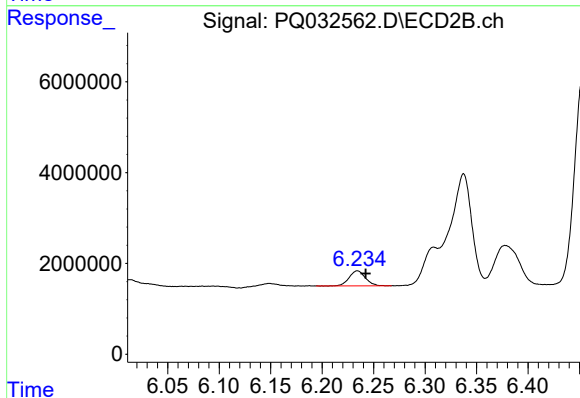
R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 19122024
Conc: 159.04 ng/ml



#27 AR-1254-2

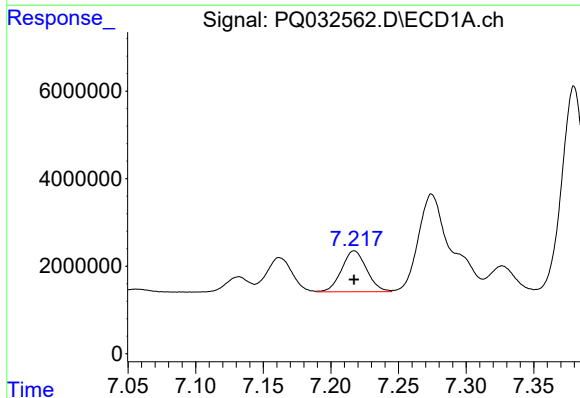
R.T.: 7.132 min
Delta R.T.: 0.001 min
Response: 4035363
Conc: 39.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



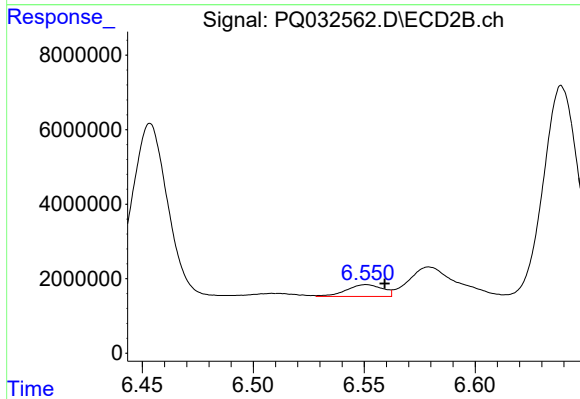
#27 AR-1254-2

R.T.: 6.234 min
Delta R.T.: -0.008 min
Response: 3661368
Conc: 37.05 ng/ml



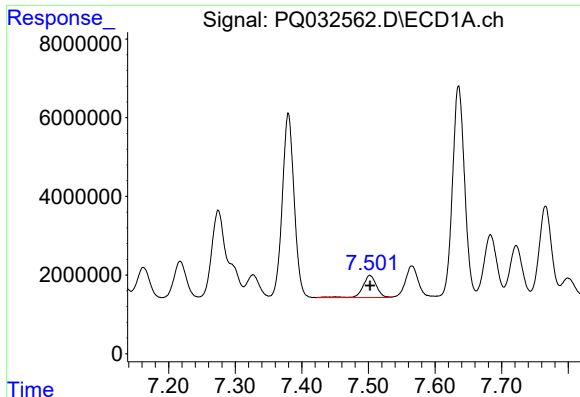
#28 AR-1254-3

R.T.: 7.217 min
Delta R.T.: 0.000 min
Response: 12068228
Conc: 66.36 ng/ml



#28 AR-1254-3

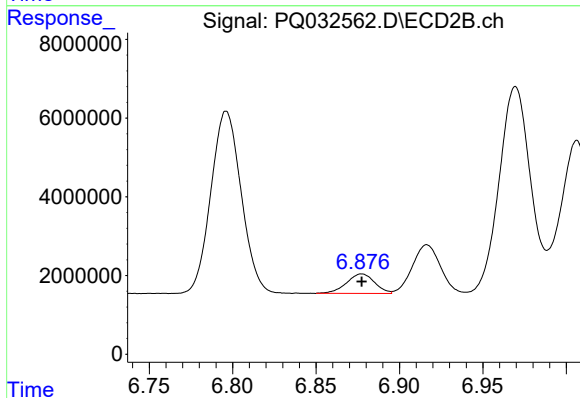
R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 3573848
Conc: 28.50 ng/ml



#29 AR-1254-4

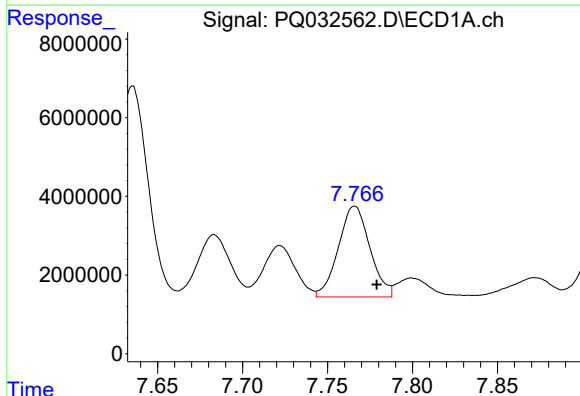
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 8027554
Conc: 60.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



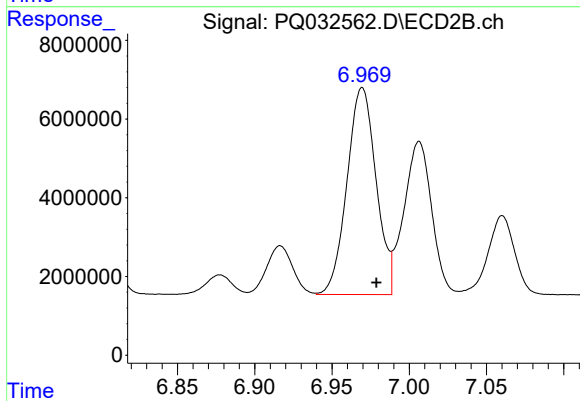
#29 AR-1254-4

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 5830655
Conc: 66.29 ng/ml



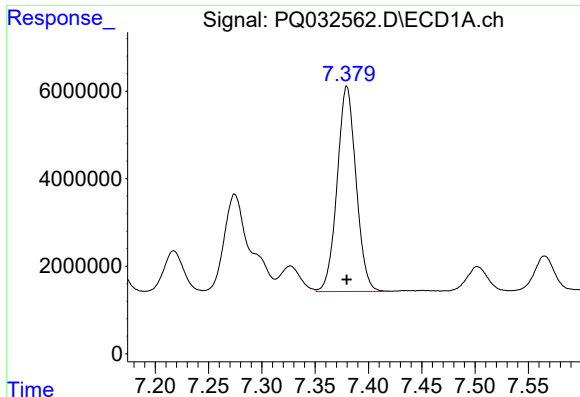
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 29791811
Conc: 291.37 ng/ml



#30 AR-1254-5

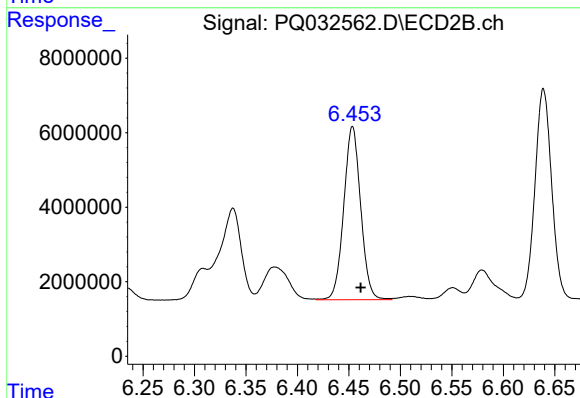
R.T.: 6.970 min
Delta R.T.: -0.009 min
Response: 68964748
Conc: 397.03 ng/ml



#31 AR-1260-1

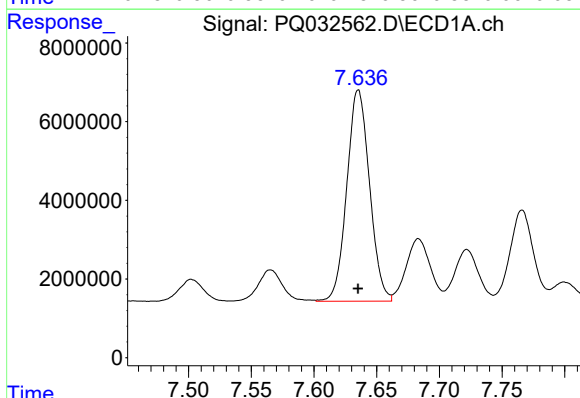
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 57902859
Conc: 496.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



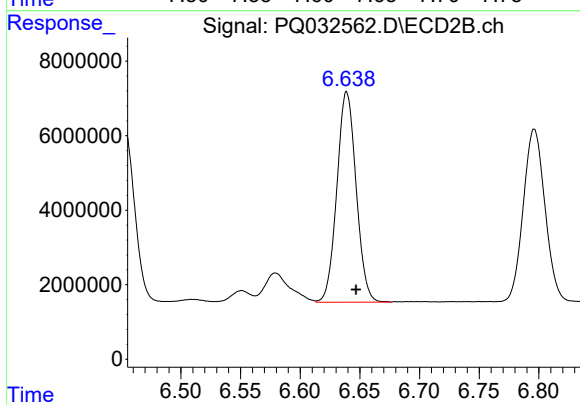
#31 AR-1260-1

R.T.: 6.454 min
Delta R.T.: -0.008 min
Response: 53155126
Conc: 496.11 ng/ml



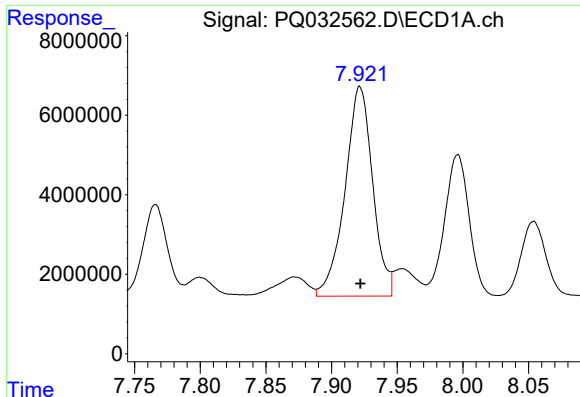
#32 AR-1260-2

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 67811185
Conc: 505.32 ng/ml



#32 AR-1260-2

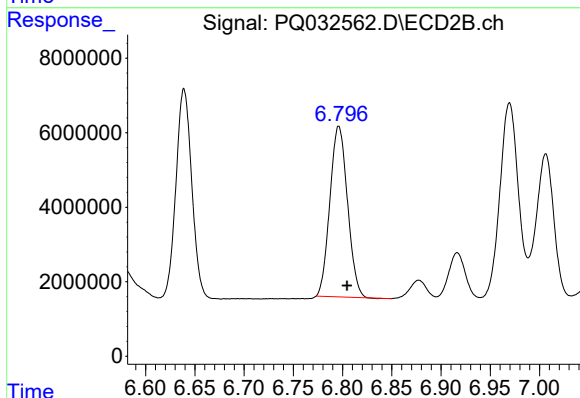
R.T.: 6.639 min
Delta R.T.: -0.008 min
Response: 63515539
Conc: 491.06 ng/ml



#33 AR-1260-3

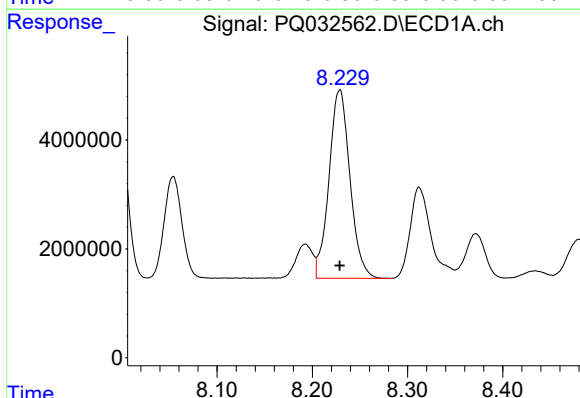
R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 77344710
Conc: 499.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



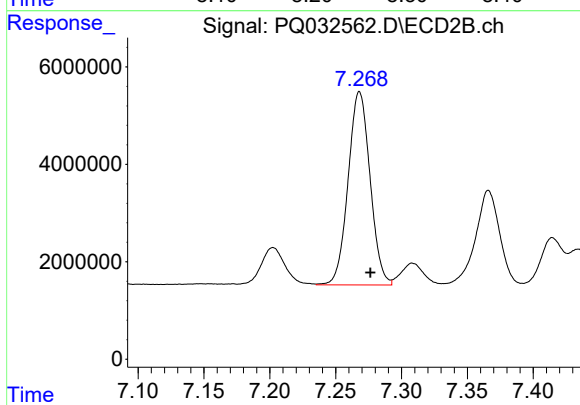
#33 AR-1260-3

R.T.: 6.796 min
Delta R.T.: -0.009 min
Response: 57020877
Conc: 472.52 ng/ml



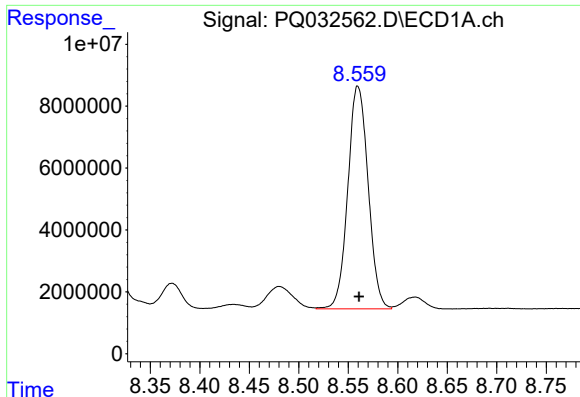
#34 AR-1260-4

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 52997285
Conc: 463.93 ng/ml



#34 AR-1260-4

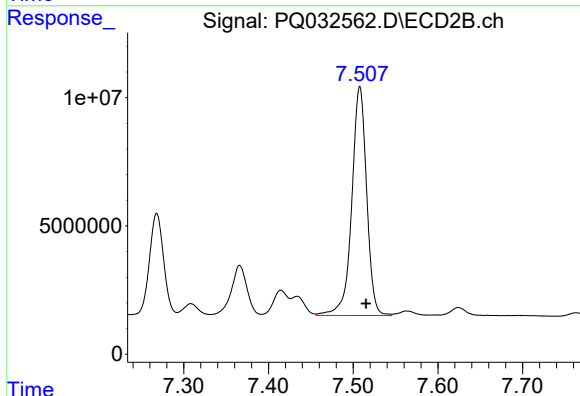
R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 45984683
Conc: 469.47 ng/ml



#35 AR-1260-5

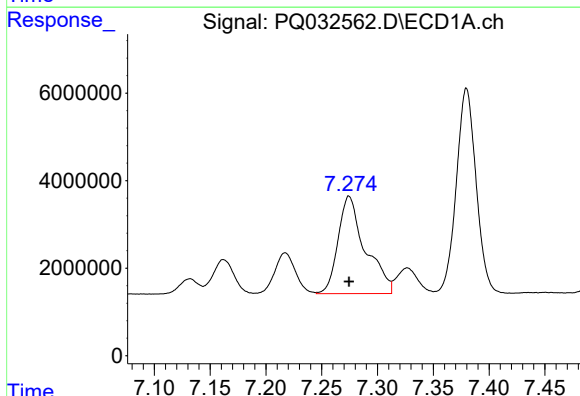
R.T.: 8.560 min
Delta R.T.: -0.001 min
Response: 102973147
Conc: 452.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



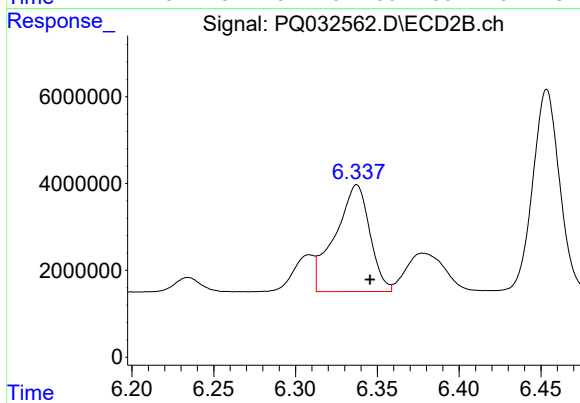
#35 AR-1260-5

R.T.: 7.508 min
Delta R.T.: -0.008 min
Response: 109035831
Conc: 456.60 ng/ml



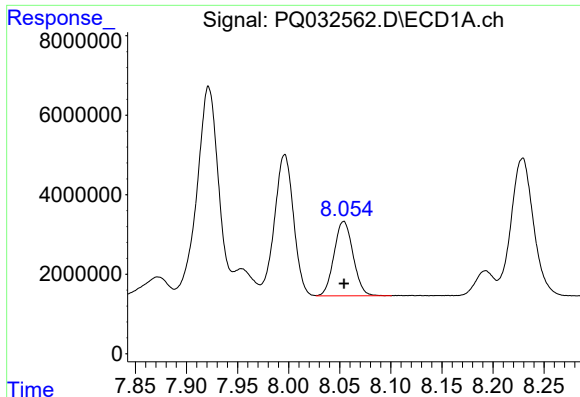
#36 AR-1262-1

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 37845986
Conc: 640.17 ng/ml



#36 AR-1262-1

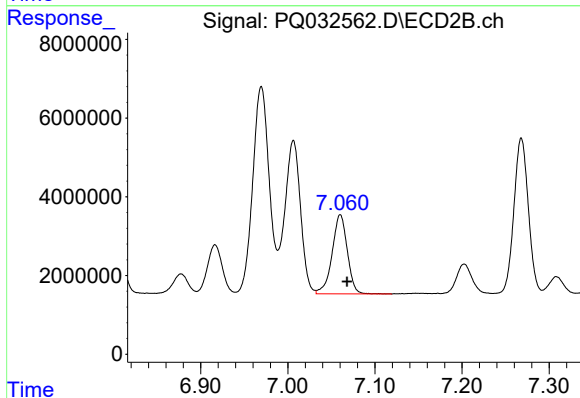
R.T.: 6.337 min
Delta R.T.: -0.008 min
Response: 36370886
Conc: 690.65 ng/ml



#37 AR-1262-2

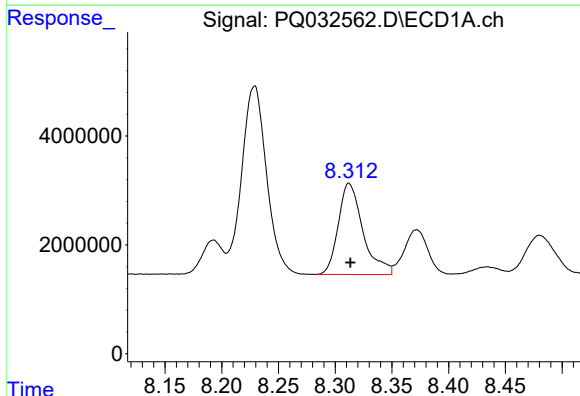
R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 24276977
Conc: 481.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



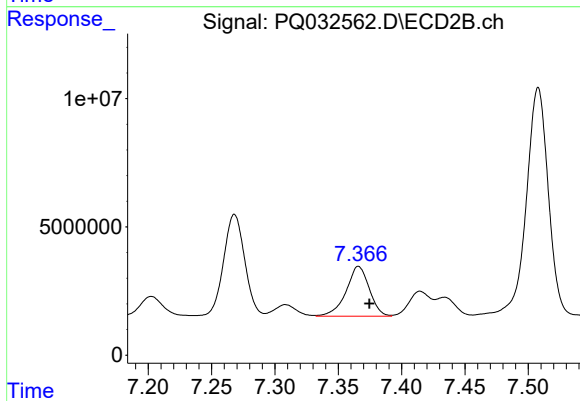
#37 AR-1262-2

R.T.: 7.060 min
Delta R.T.: -0.008 min
Response: 24285886
Conc: 481.35 ng/ml



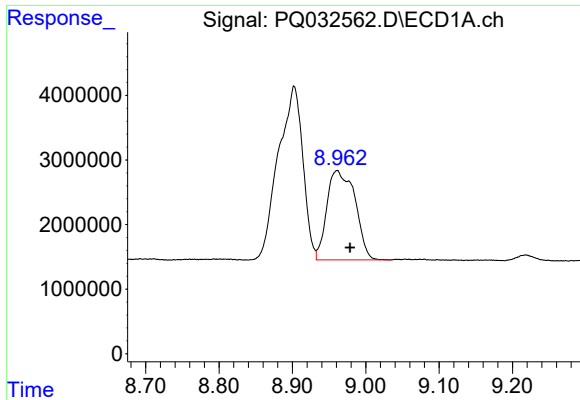
#38 AR-1262-3

R.T.: 8.312 min
Delta R.T.: -0.001 min
Response: 25425376
Conc: 447.22 ng/ml



#38 AR-1262-3

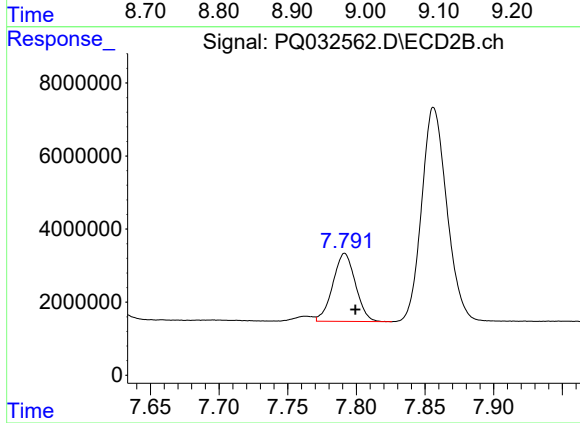
R.T.: 7.366 min
Delta R.T.: -0.009 min
Response: 24815141
Conc: 454.28 ng/ml



#39 AR-1262-4

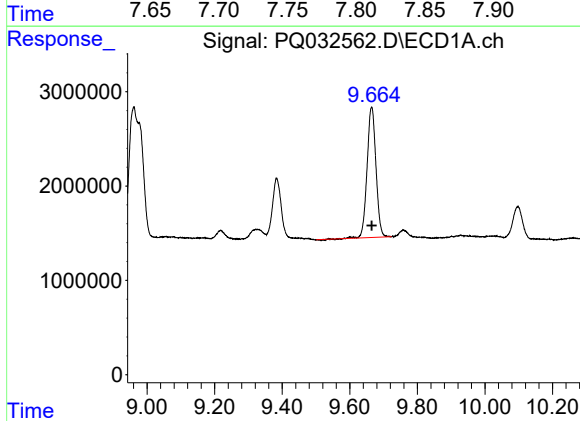
R.T.: 8.961 min
Delta R.T.: -0.018 min
Response: 36834342
Conc: 321.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



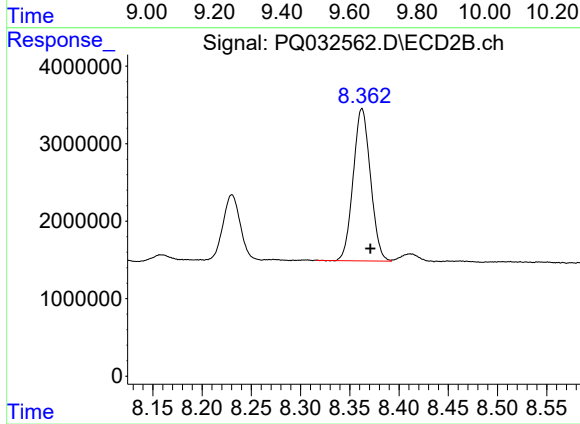
#39 AR-1262-4

R.T.: 7.792 min
Delta R.T.: -0.008 min
Response: 21387465
Conc: 239.29 ng/ml



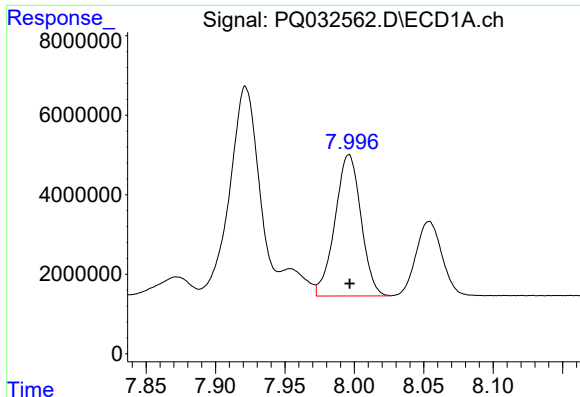
#40 AR-1262-5

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 25173420
Conc: 309.69 ng/ml



#40 AR-1262-5

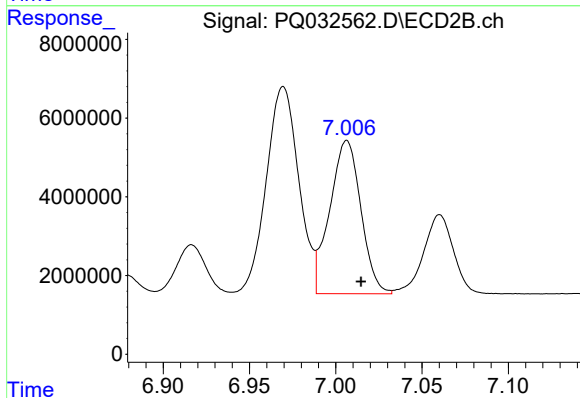
R.T.: 8.362 min
Delta R.T.: -0.009 min
Response: 24025974
Conc: 303.85 ng/ml



#41 AR-1268-1

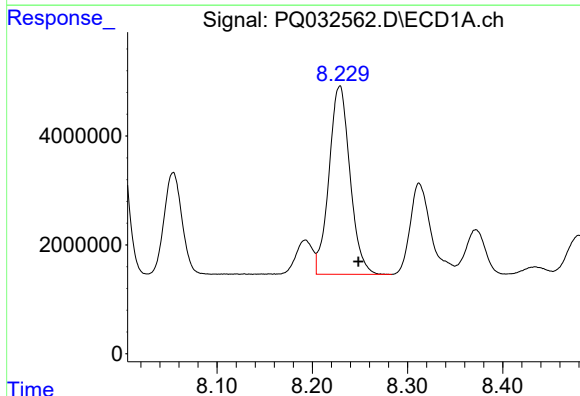
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 46329903
Conc: 881.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



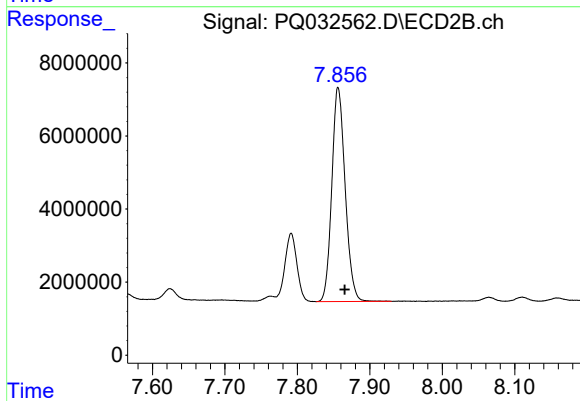
#41 AR-1268-1

R.T.: 7.006 min
Delta R.T.: -0.008 min
Response: 48920291
Conc: 970.84 ng/ml



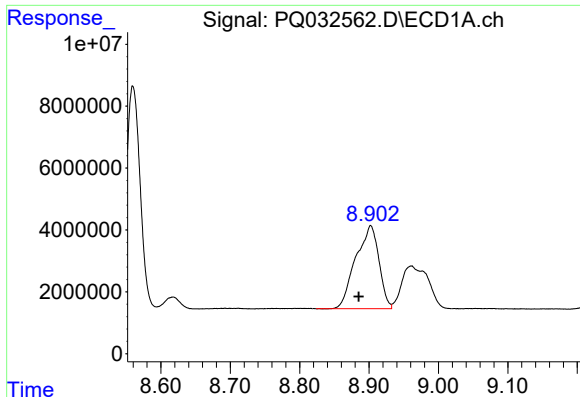
#42 AR-1268-2

R.T.: 8.229 min
Delta R.T.: -0.019 min
Response: 52997285
Conc: 778.20 ng/ml



#42 AR-1268-2

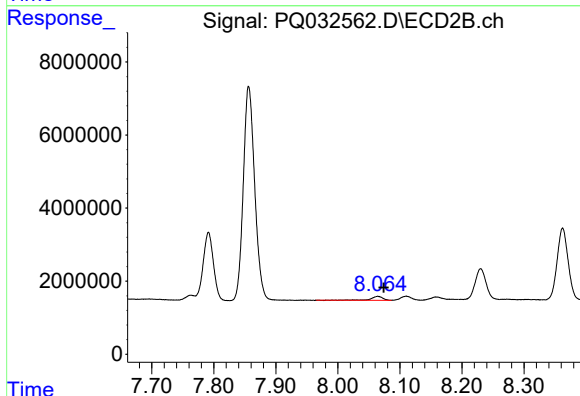
R.T.: 7.856 min
Delta R.T.: -0.009 min
Response: 75019151
Conc: 282.61 ng/ml



#43 AR-1268-3

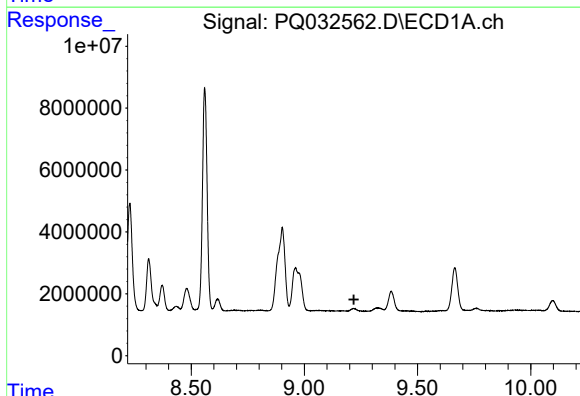
R.T.: 8.902 min
Delta R.T.: 0.017 min
Response: 62526896
Conc: 214.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



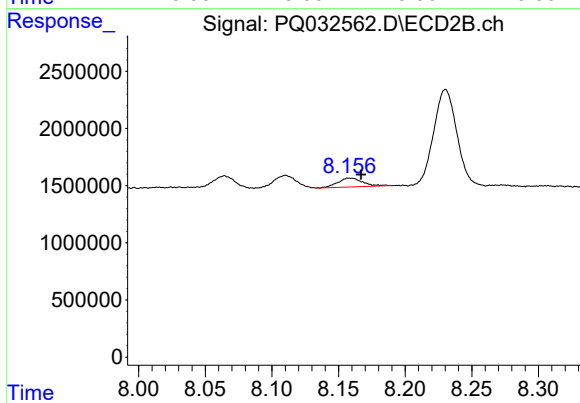
#43 AR-1268-3

R.T.: 8.064 min
Delta R.T.: -0.009 min
Response: 1508887
Conc: 6.91 ng/ml



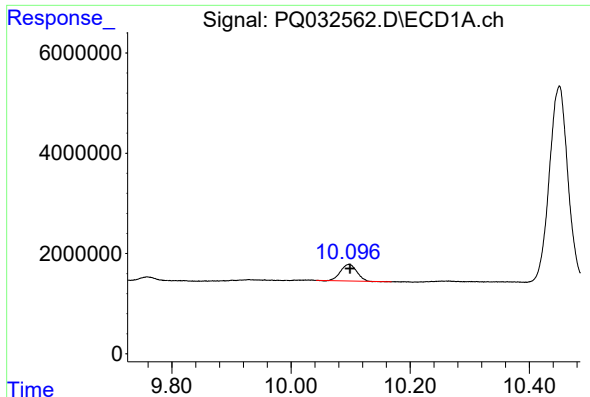
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

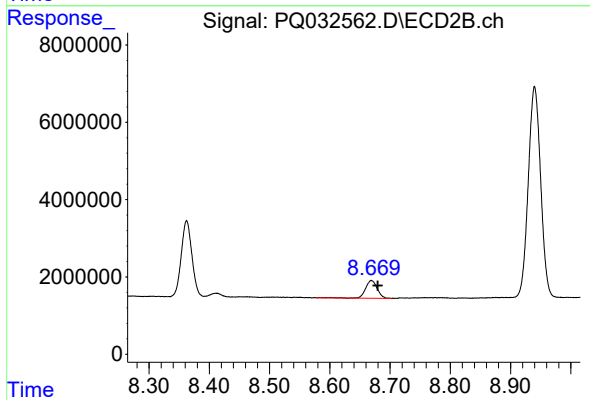
R.T.: 8.158 min
Delta R.T.: -0.008 min
Response: 1005374
Conc: 17.50 ng/ml



#45 AR-1268-5

R.T.: 10.097 min
Delta R.T.: -0.002 min
Response: 6247431
Conc: 8.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.669 min
Delta R.T.: -0.010 min
Response: 6263807
Conc: 8.80 ng/ml