

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112019\
 Data File : PQ045273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2019 21:17
 Operator : SM\AJ
 Sample : K5800-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFPW7DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:35:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.093	4.300	28907283	24039814	3.642	5.098 #
2)	SA Decachlor...	11.154	9.719	46251015	40367544	6.678	5.949
Target Compounds							
3)	L1 AR-1016-1	6.408	5.581	79816057	57339904	317.602	311.326
4)	L1 AR-1016-2	6.431	5.601	118.0E6	78206046	312.070	295.973
5)	L1 AR-1016-3	6.498	5.798	46729232	40478904	201.273	313.655 #
6)	L1 AR-1016-4	6.603	5.846	56156781	64964568	296.608	598.260 #
7)	L1 AR-1016-5	6.919	6.080	102.1E6	80625769	523.721	527.715
8)	L2 AR-1221-1	0.000	4.553	0	3119025	N.D.	58.149 #
10)	L2 AR-1221-3	5.527	4.756	2547560	1856541	12.981	14.203
11)	L3 AR-1232-1	5.527	4.756	2547560	1856541	14.614	16.096
12)	L3 AR-1232-2	6.114	5.601	54657418	78206046	609.423	628.790
13)	L3 AR-1232-3	6.431	5.798	118.0E6	40478904	668.357	683.537
14)	L3 AR-1232-4	6.603	5.891	56156781	62603560	634.719	1041.409 #
15)	L3 AR-1232-5	6.702	6.080	95085924	80625769	1433.311	1106.994
16)	L4 AR-1242-1	6.408	5.581	79816057	57339904	371.333	365.719
17)	L4 AR-1242-2	6.431	5.601	118.0E6	78206046	366.954	349.532
18)	L4 AR-1242-3	6.498	5.798	46729232	40478904	235.515	364.198 #
19)	L4 AR-1242-4	6.603	5.891	56156781	62603560	347.810	525.000 #
20)	L4 AR-1242-5	7.386	6.463	108.5E6	165.6E6	599.322	1008.441 #
21)	L5 AR-1248-1	6.408	5.581	79816057	57339904	473.912	460.741
22)	L5 AR-1248-2	6.702	5.846	95085924	64964568	388.211	381.631
23)	L5 AR-1248-3	6.919	5.891	102.1E6	62603560	375.330	350.050
24)	L5 AR-1248-4	7.345	6.080	111.4E6	80625769	367.839	370.400
25)	L5 AR-1248-5	7.386	6.507	108.5E6	80432312	379.153	360.703
26)	L6 AR-1254-1	7.315	6.463	138.3E6	165.6E6	427.395	455.188
27)	L6 AR-1254-2	7.546	6.621	200.8E6	102.3E6	404.437	317.546
28)	L6 AR-1254-3	7.926	7.051	134.4E6	209.9E6	252.577	378.424 #
29)	L6 AR-1254-4	8.221	7.289	83505327	69636590	216.172	194.829
30)	L6 AR-1254-5	8.652	7.722	277.7E6	278.2E6	642.807	556.324
31)	L7 AR-1260-1	8.095	7.185	180.6E6	189.5E6	578.338	618.633
32)	L7 AR-1260-2	8.359	7.382	219.8E6	210.7E6	536.770	533.487
33)	L7 AR-1260-3	8.727	7.541	116.1E6	189.0E6	355.551	551.569 #
34)	L7 AR-1260-4	8.959	8.027	161.8E6	120.4E6	425.538	392.631
35)	L7 AR-1260-5	9.292	8.275	270.2E6	320.0E6	351.066	408.861
36)	L8 AR-1262-1	8.785	7.722	66729739	278.2E6	319.904	1099.099 #
37)	L8 AR-1262-2	9.292	8.275	270.2E6	320.0E6	299.216	324.291
38)	L8 AR-1262-3	9.632	8.564	168.3E6	46065826	275.898	119.555 #
39)	L8 AR-1262-4	9.687	8.629	91849277	215.2E6	202.167	292.167 #
40)	L8 AR-1262-5	10.384	9.143	57593013	56847704	188.276	163.278
41)	L9 AR-1268-1	9.632	8.564	168.3E6	46065826	150.677	38.309 #
42)	L9 AR-1268-2	9.687	8.629	91849277	215.2E6	90.357	193.287 #

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 Operator : SM\AJ
 Sample : K5800-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

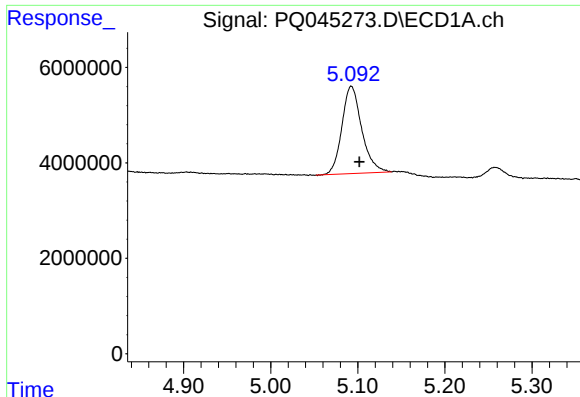
Instrument :
 ECD_Q
 ClientSampleId :
 BFPW7DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:35:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
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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
43) L9	AR-1268-3	9.901	8.835	42302	5029602	0.048	5.407 #
44) L9	AR-1268-4	10.384	9.143	57593013	56847704	165.898	141.146
45) L9	AR-1268-5	10.810	9.450	12095664	10905792	4.637	3.609

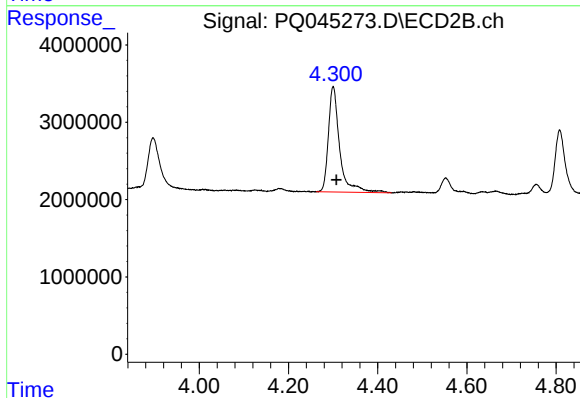
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

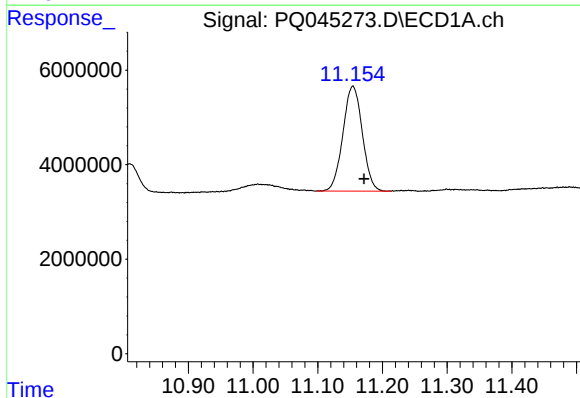
R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 28907283
Conc: 3.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



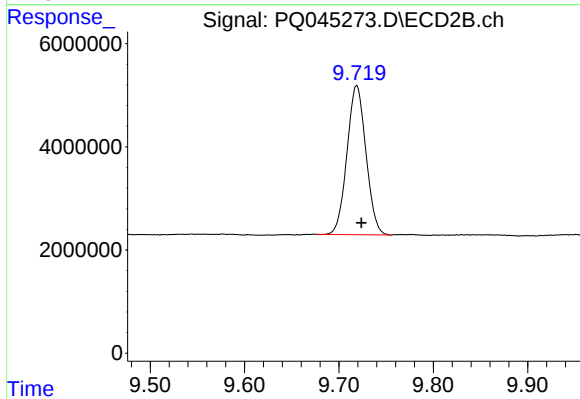
#1 Tetrachloro-m-xylene

R.T.: 4.300 min
Delta R.T.: -0.007 min
Response: 24039814
Conc: 5.10 ng/ml



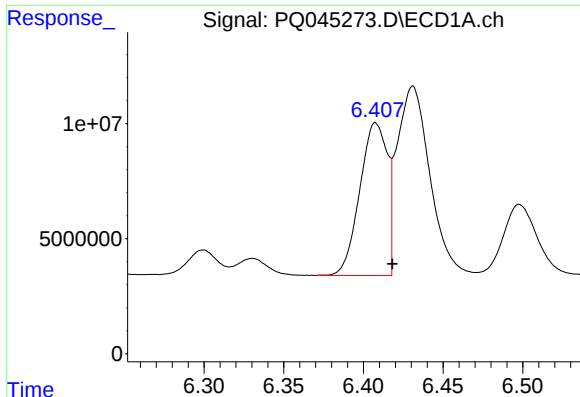
#2 Decachlorobiphenyl

R.T.: 11.154 min
Delta R.T.: -0.017 min
Response: 46251015
Conc: 6.68 ng/ml



#2 Decachlorobiphenyl

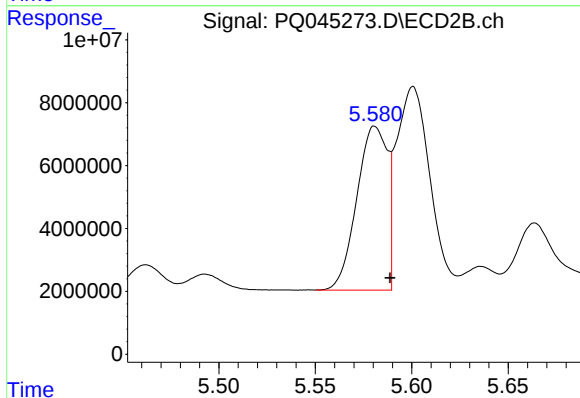
R.T.: 9.719 min
Delta R.T.: -0.005 min
Response: 40367544
Conc: 5.95 ng/ml



#3 AR-1016-1

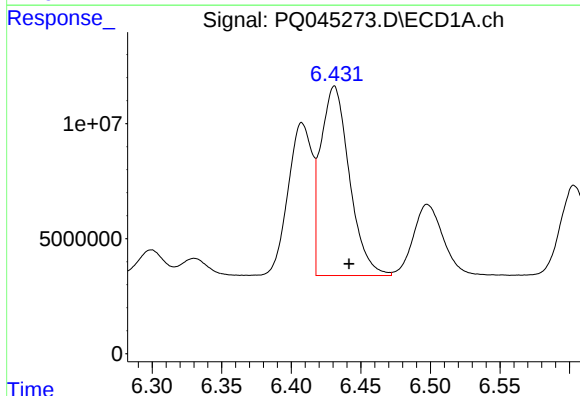
R.T.: 6.408 min
Delta R.T.: -0.010 min
Response: 79816057
Conc: 317.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



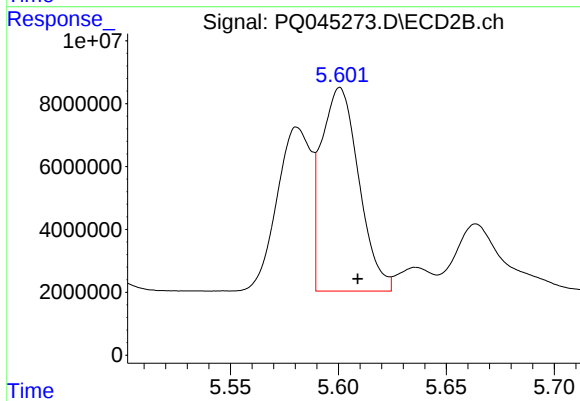
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 57339904
Conc: 311.33 ng/ml



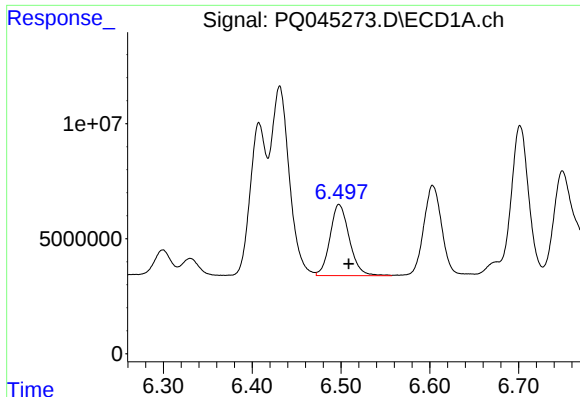
#4 AR-1016-2

R.T.: 6.431 min
Delta R.T.: -0.011 min
Response: 118007804
Conc: 312.07 ng/ml



#4 AR-1016-2

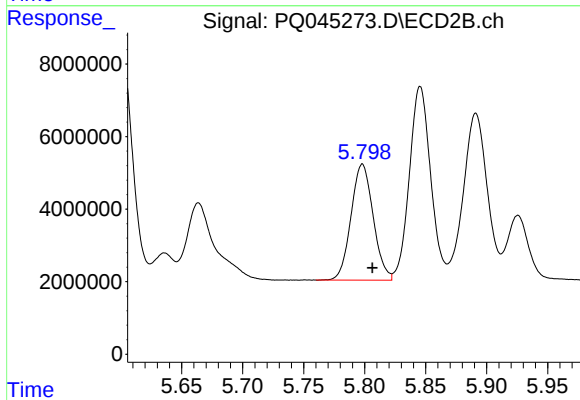
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 78206046
Conc: 295.97 ng/ml



#5 AR-1016-3

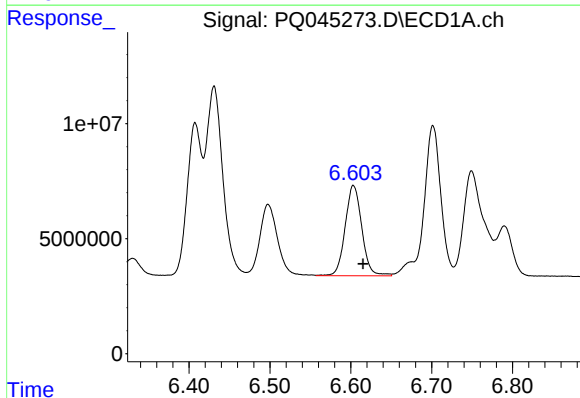
R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 46729232
Conc: 201.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



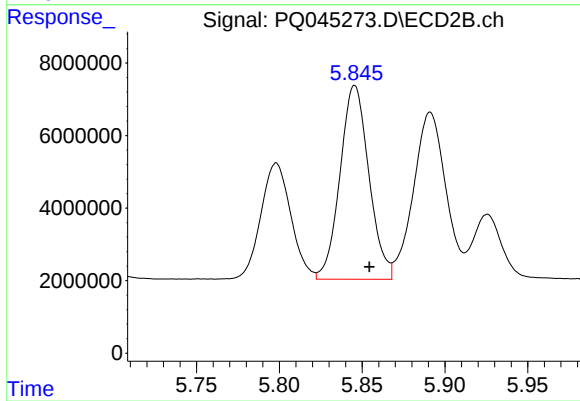
#5 AR-1016-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 40478904
Conc: 313.66 ng/ml



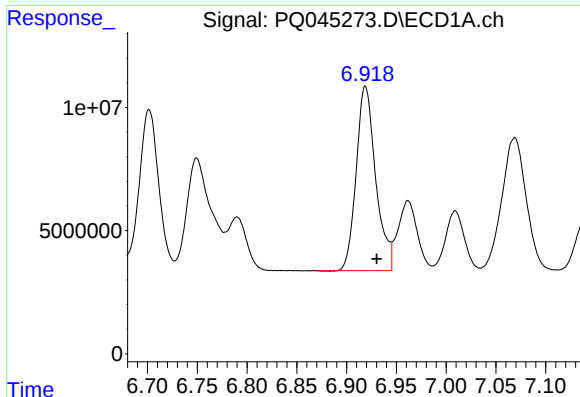
#6 AR-1016-4

R.T.: 6.603 min
Delta R.T.: -0.012 min
Response: 56156781
Conc: 296.61 ng/ml



#6 AR-1016-4

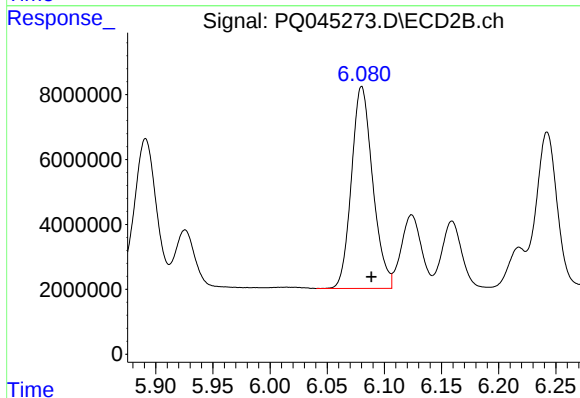
R.T.: 5.846 min
Delta R.T.: -0.009 min
Response: 64964568
Conc: 598.26 ng/ml



#7 AR-1016-5

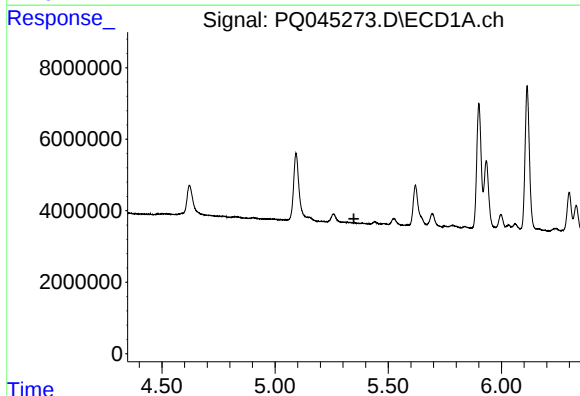
R.T.: 6.919 min
Delta R.T.: -0.011 min
Response: 102148938
Conc: 523.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



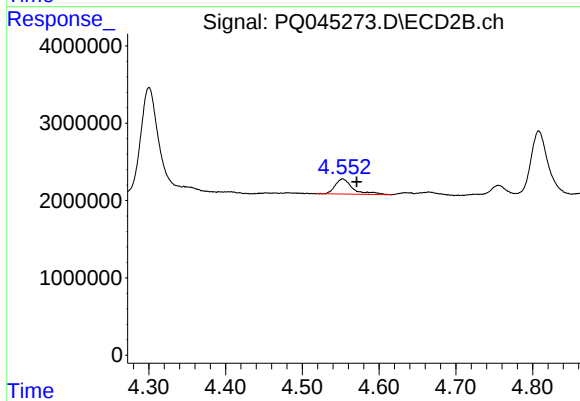
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 80625769
Conc: 527.72 ng/ml



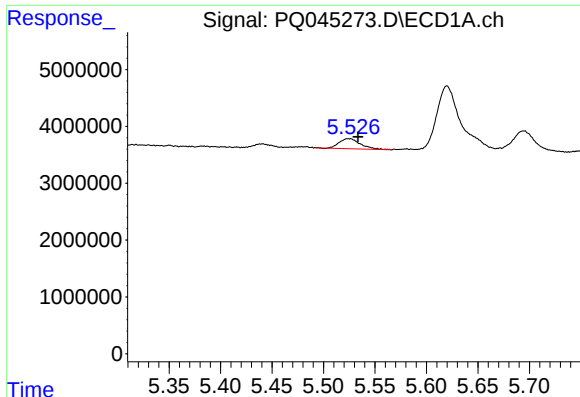
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

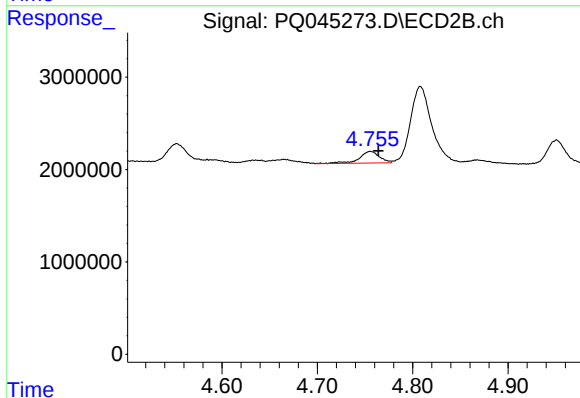
R.T.: 4.553 min
Delta R.T.: -0.018 min
Response: 3119025
Conc: 58.15 ng/ml



#10 AR-1221-3

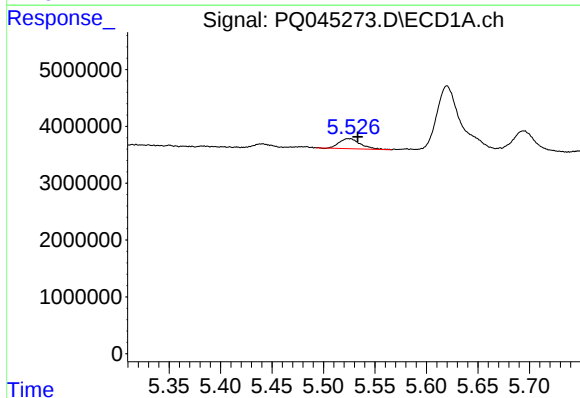
R.T.: 5.527 min
Delta R.T.: -0.007 min
Response: 2547560
Conc: 12.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



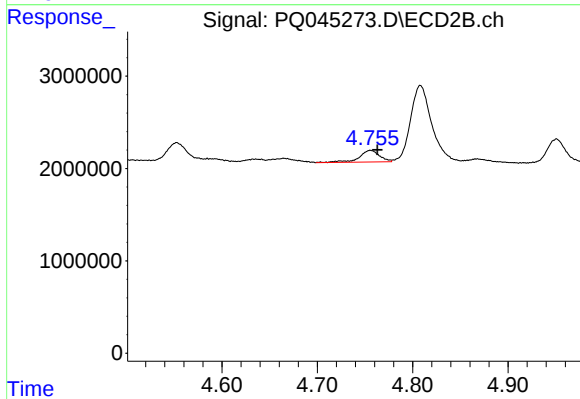
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.008 min
Response: 1856541
Conc: 14.20 ng/ml



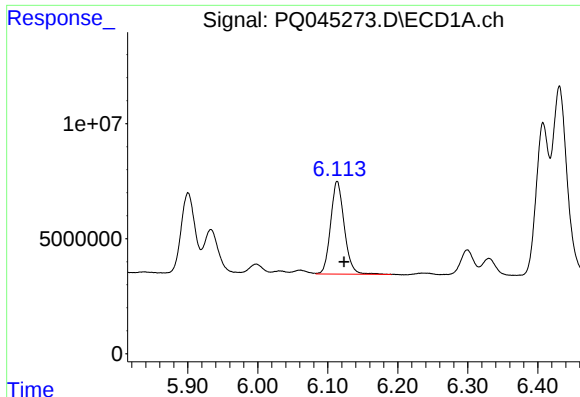
#11 AR-1232-1

R.T.: 5.527 min
Delta R.T.: -0.007 min
Response: 2547560
Conc: 14.61 ng/ml



#11 AR-1232-1

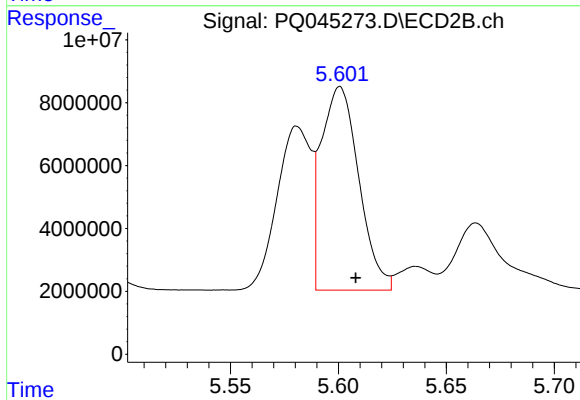
R.T.: 4.756 min
Delta R.T.: -0.007 min
Response: 1856541
Conc: 16.10 ng/ml



#12 AR-1232-2

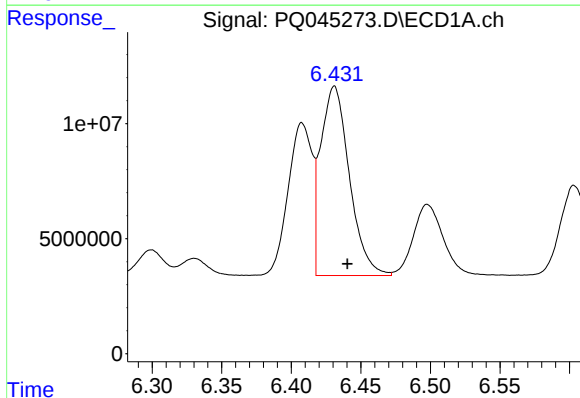
R.T.: 6.114 min
Delta R.T.: -0.010 min
Response: 54657418
Conc: 609.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



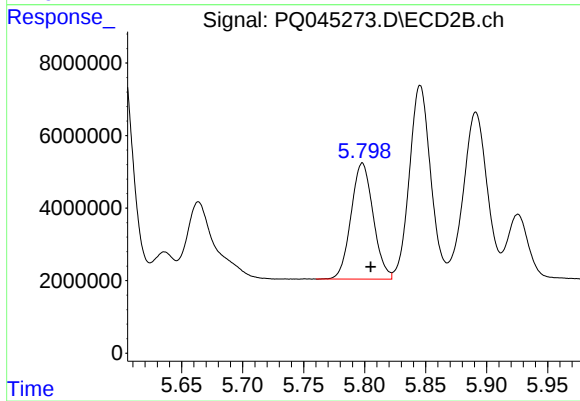
#12 AR-1232-2

R.T.: 5.601 min
Delta R.T.: -0.007 min
Response: 78206046
Conc: 628.79 ng/ml



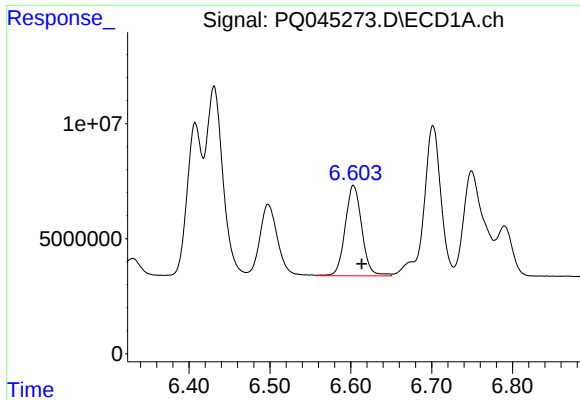
#13 AR-1232-3

R.T.: 6.431 min
Delta R.T.: -0.009 min
Response: 118007804
Conc: 668.36 ng/ml



#13 AR-1232-3

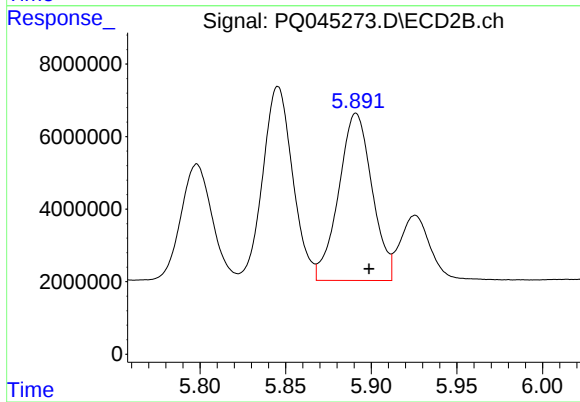
R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 40478904
Conc: 683.54 ng/ml



#14 AR-1232-4

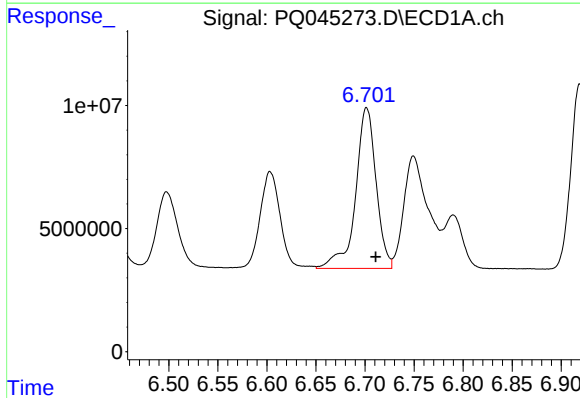
R.T.: 6.603 min
Delta R.T.: -0.010 min
Response: 56156781
Conc: 634.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



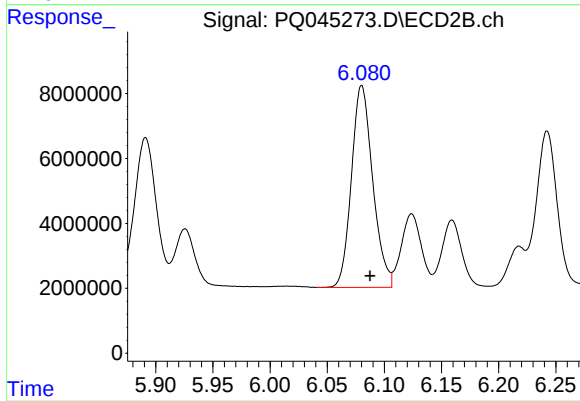
#14 AR-1232-4

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 62603560
Conc: 1041.41 ng/ml



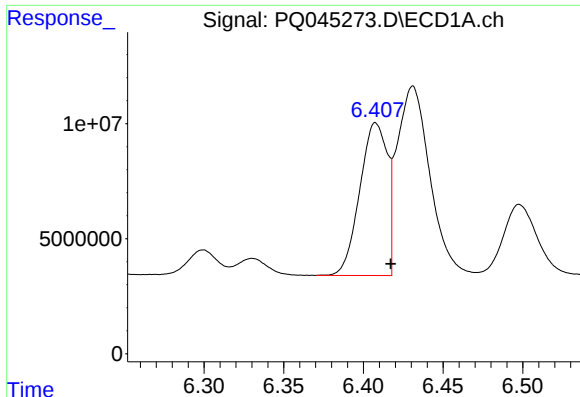
#15 AR-1232-5

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 95085924
Conc: 1433.31 ng/ml



#15 AR-1232-5

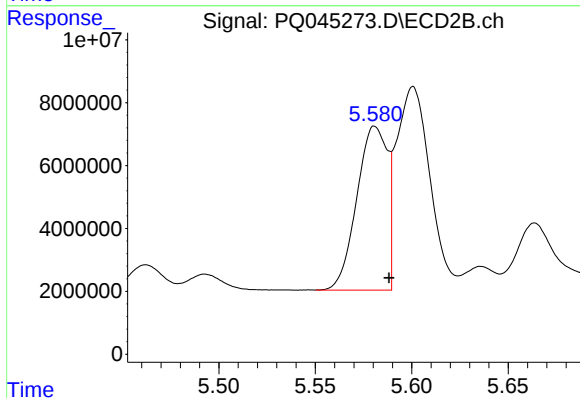
R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 80625769
Conc: 1106.99 ng/ml



#16 AR-1242-1

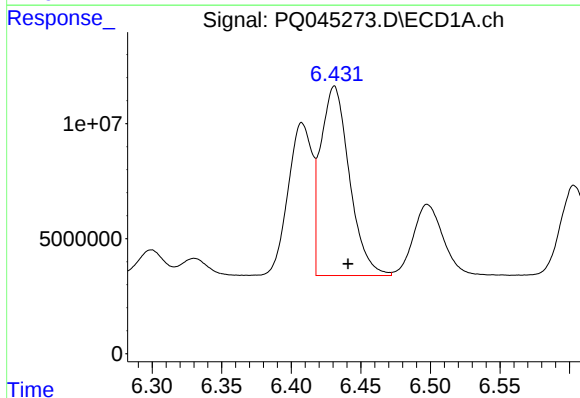
R.T.: 6.408 min
Delta R.T.: -0.009 min
Response: 79816057
Conc: 371.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



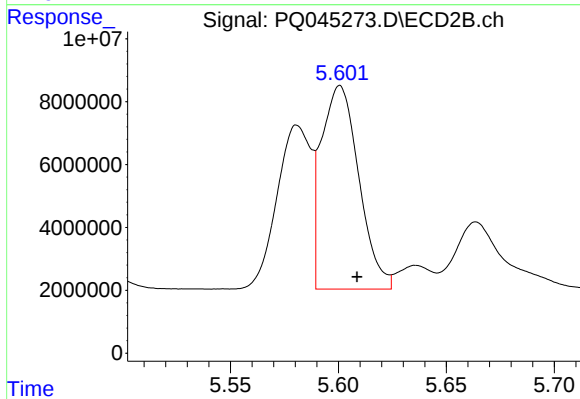
#16 AR-1242-1

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 57339904
Conc: 365.72 ng/ml



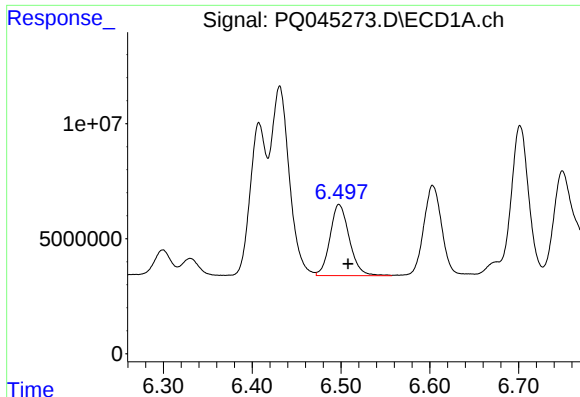
#17 AR-1242-2

R.T.: 6.431 min
Delta R.T.: -0.010 min
Response: 118007804
Conc: 366.95 ng/ml



#17 AR-1242-2

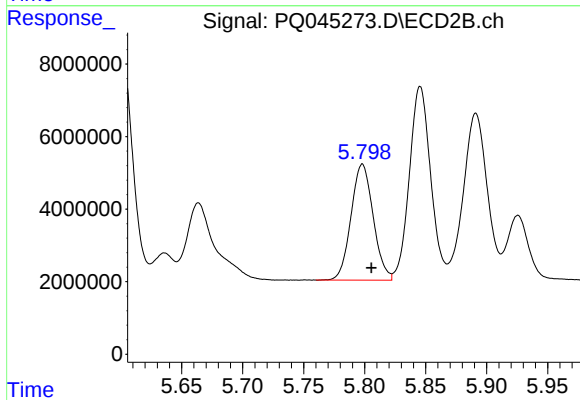
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 78206046
Conc: 349.53 ng/ml



#18 AR-1242-3

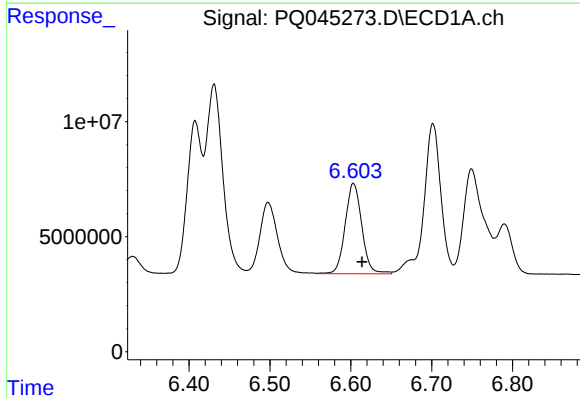
R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 46729232
Conc: 235.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



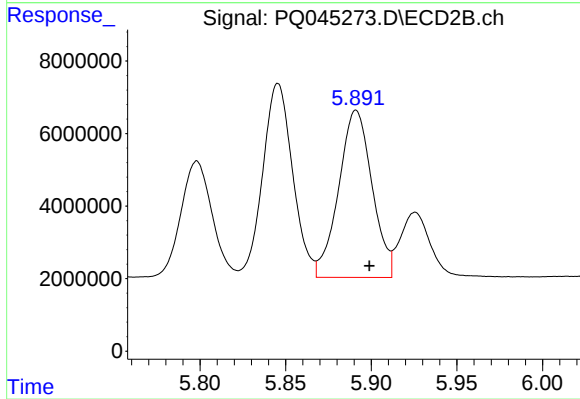
#18 AR-1242-3

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 40478904
Conc: 364.20 ng/ml



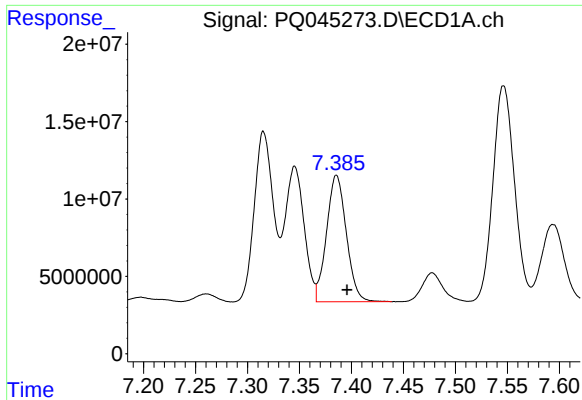
#19 AR-1242-4

R.T.: 6.603 min
Delta R.T.: -0.011 min
Response: 56156781
Conc: 347.81 ng/ml



#19 AR-1242-4

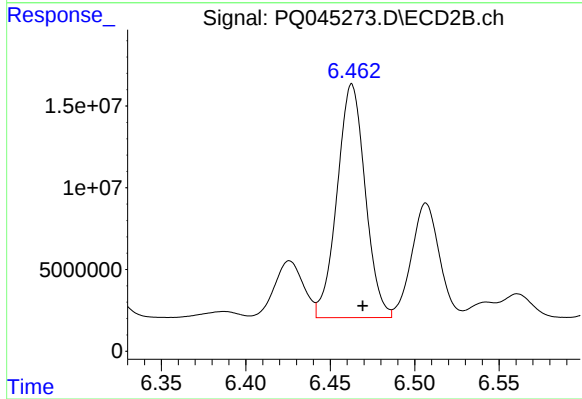
R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 62603560
Conc: 525.00 ng/ml



#20 AR-1242-5

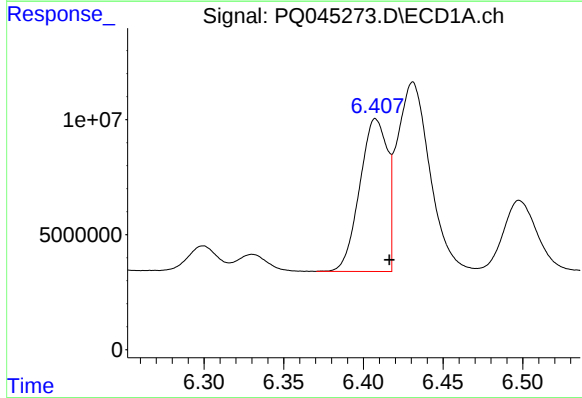
R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 108455918
Conc: 599.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



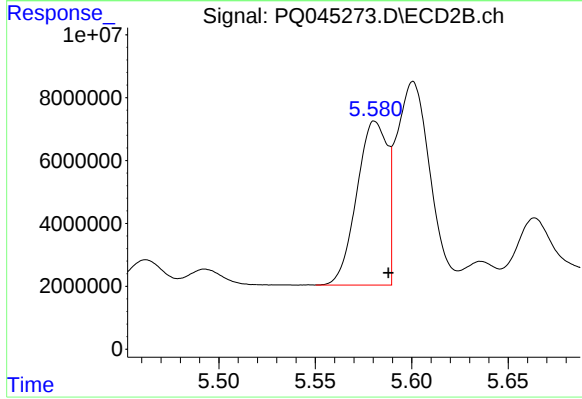
#20 AR-1242-5

R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 165588427
Conc: 1008.44 ng/ml



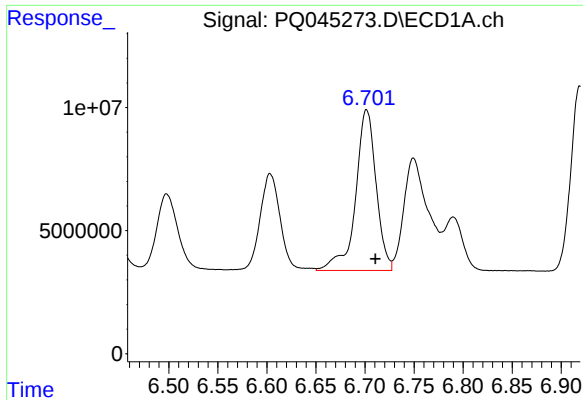
#21 AR-1248-1

R.T.: 6.408 min
Delta R.T.: -0.009 min
Response: 79816057
Conc: 473.91 ng/ml



#21 AR-1248-1

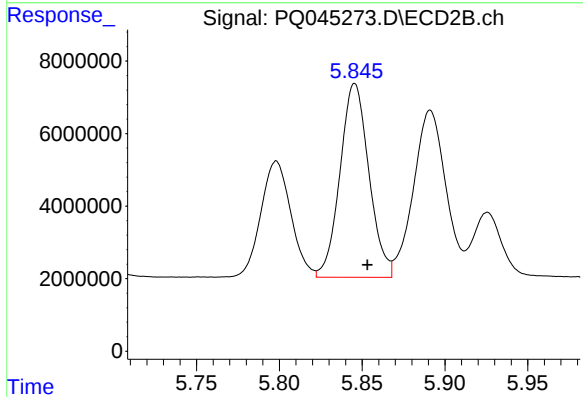
R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 57339904
Conc: 460.74 ng/ml



#22 AR-1248-2

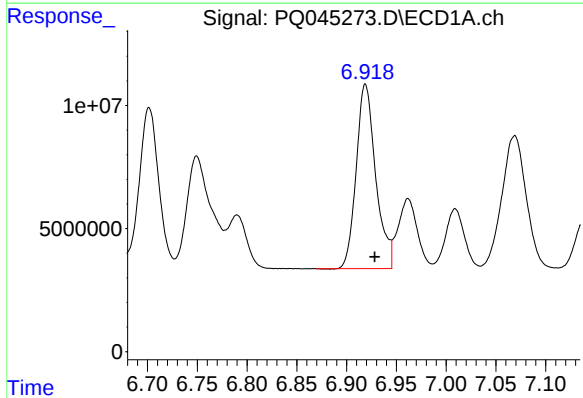
R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 95085924
Conc: 388.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



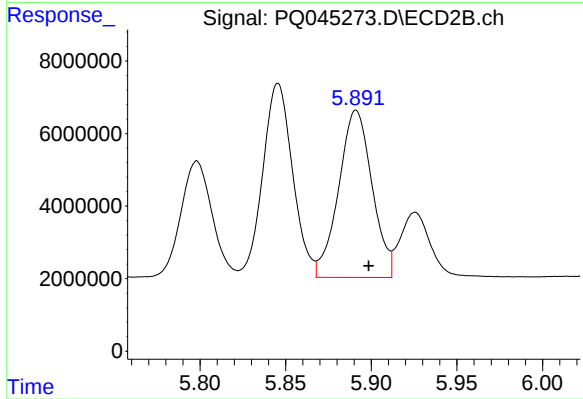
#22 AR-1248-2

R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 64964568
Conc: 381.63 ng/ml



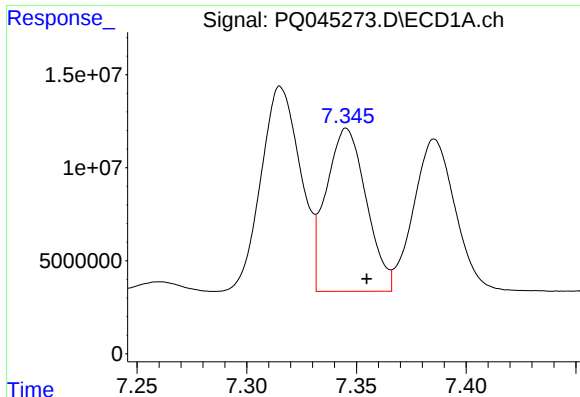
#23 AR-1248-3

R.T.: 6.919 min
Delta R.T.: -0.009 min
Response: 102148938
Conc: 375.33 ng/ml



#23 AR-1248-3

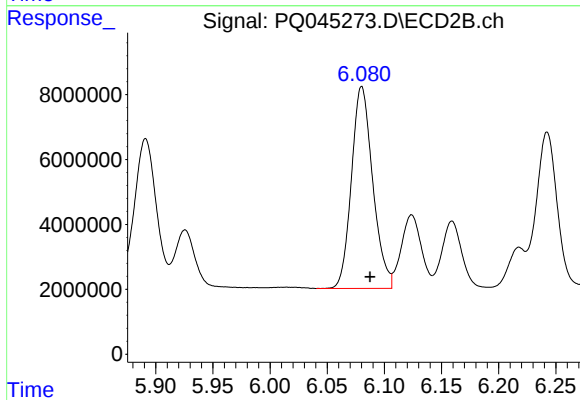
R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 62603560
Conc: 350.05 ng/ml



#24 AR-1248-4

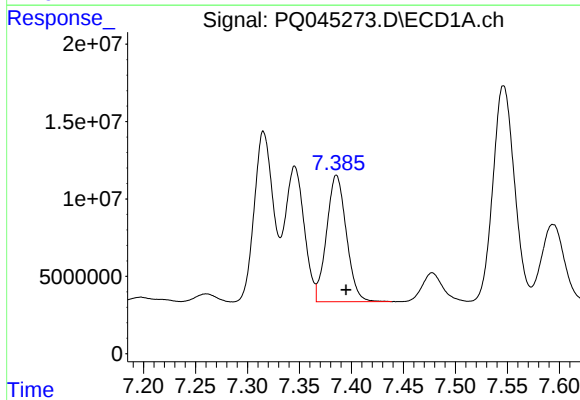
R.T.: 7.345 min
Delta R.T.: -0.009 min
Response: 111406300
Conc: 367.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



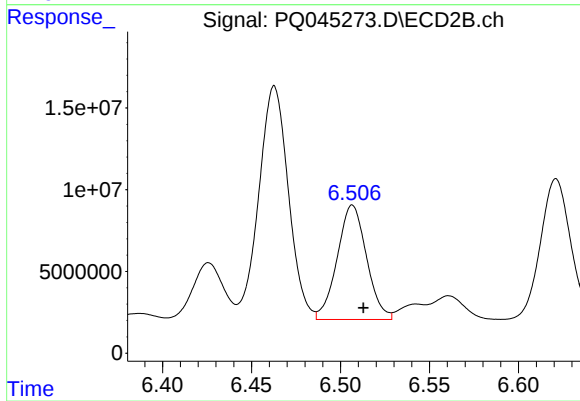
#24 AR-1248-4

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 80625769
Conc: 370.40 ng/ml



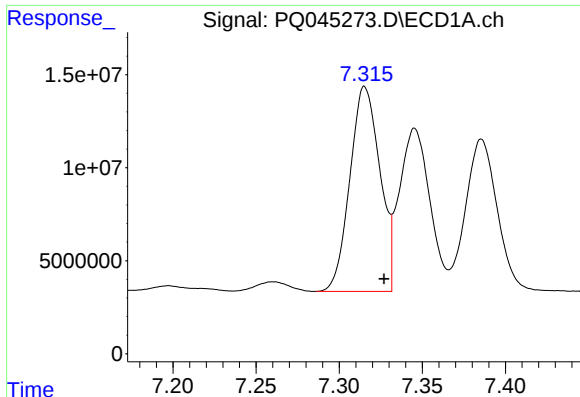
#25 AR-1248-5

R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 108455918
Conc: 379.15 ng/ml



#25 AR-1248-5

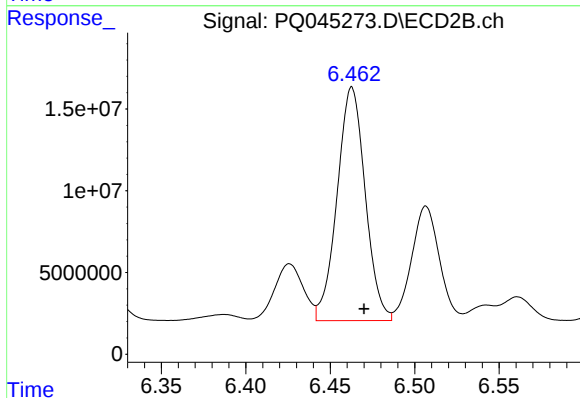
R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 80432312
Conc: 360.70 ng/ml



#26 AR-1254-1

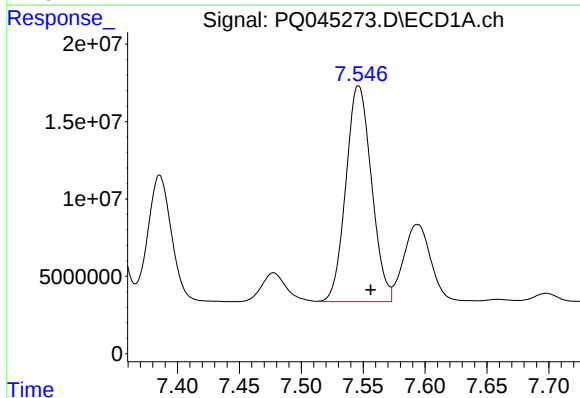
R.T.: 7.315 min
Delta R.T.: -0.012 min
Response: 138286474
Conc: 427.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



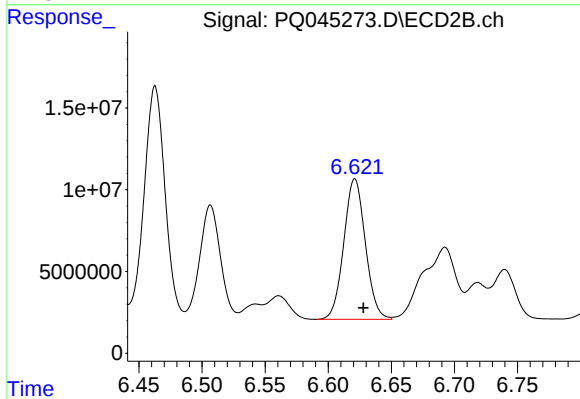
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: -0.007 min
Response: 165588427
Conc: 455.19 ng/ml



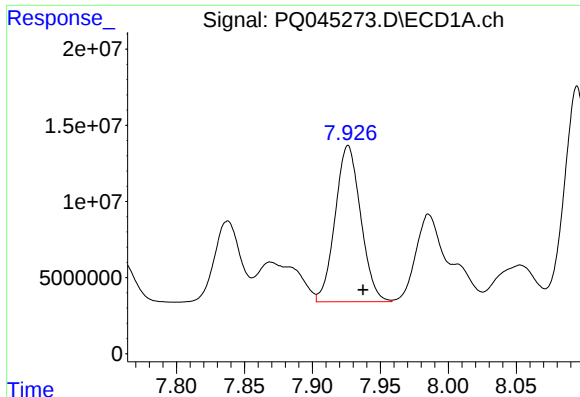
#27 AR-1254-2

R.T.: 7.546 min
Delta R.T.: -0.010 min
Response: 200803369
Conc: 404.44 ng/ml



#27 AR-1254-2

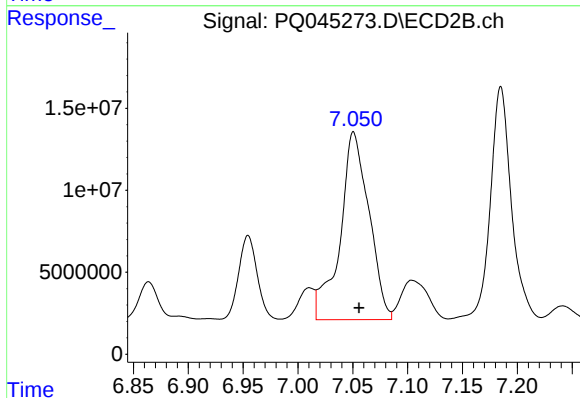
R.T.: 6.621 min
Delta R.T.: -0.007 min
Response: 102275424
Conc: 317.55 ng/ml



#28 AR-1254-3

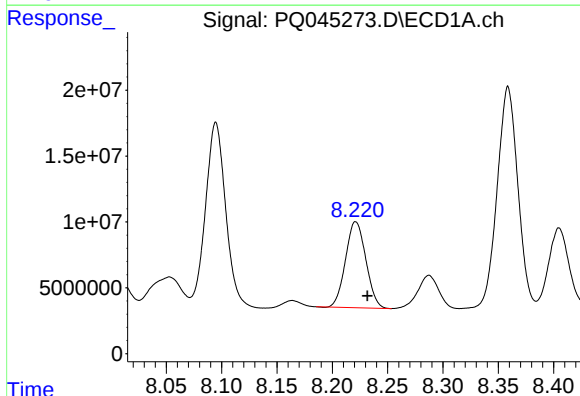
R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 134436839
Conc: 252.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



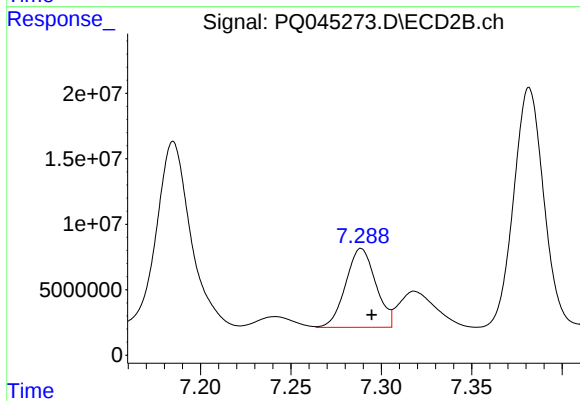
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 209909525
Conc: 378.42 ng/ml



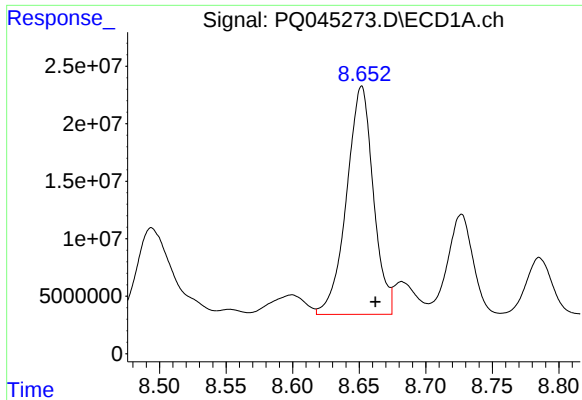
#29 AR-1254-4

R.T.: 8.221 min
Delta R.T.: -0.011 min
Response: 83505327
Conc: 216.17 ng/ml



#29 AR-1254-4

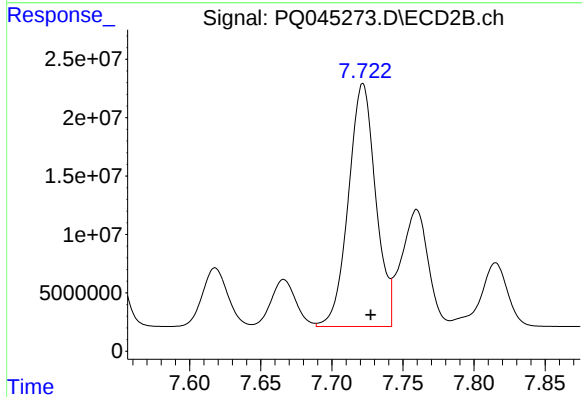
R.T.: 7.289 min
Delta R.T.: -0.006 min
Response: 69636590
Conc: 194.83 ng/ml



#30 AR-1254-5

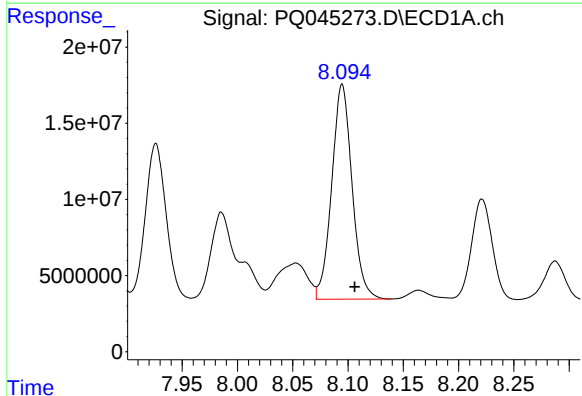
R.T.: 8.652 min
Delta R.T.: -0.010 min
Response: 277681194
Conc: 642.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



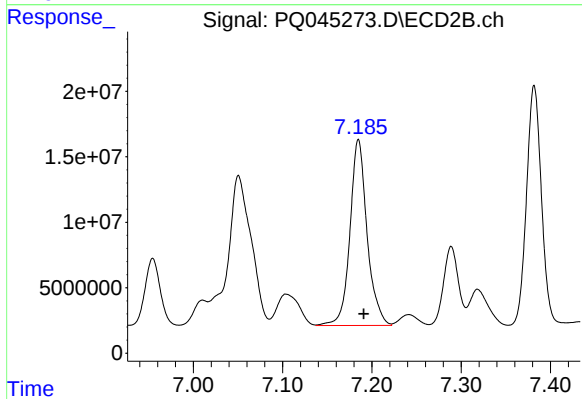
#30 AR-1254-5

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 278174850
Conc: 556.32 ng/ml



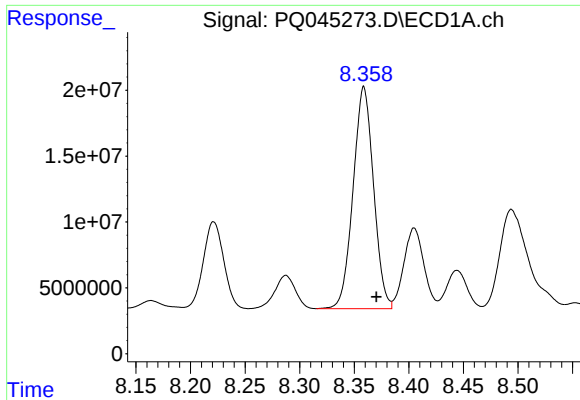
#31 AR-1260-1

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 180629278
Conc: 578.34 ng/ml



#31 AR-1260-1

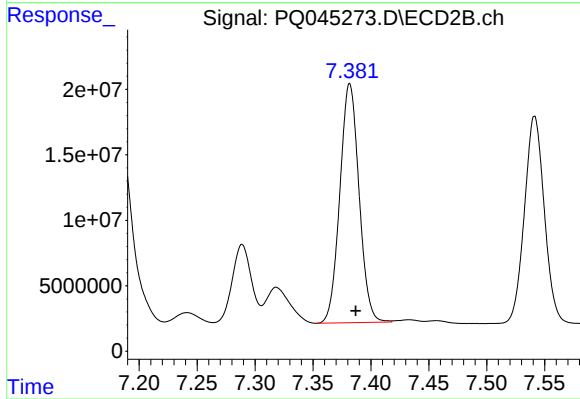
R.T.: 7.185 min
Delta R.T.: -0.006 min
Response: 189532333
Conc: 618.63 ng/ml



#32 AR-1260-2

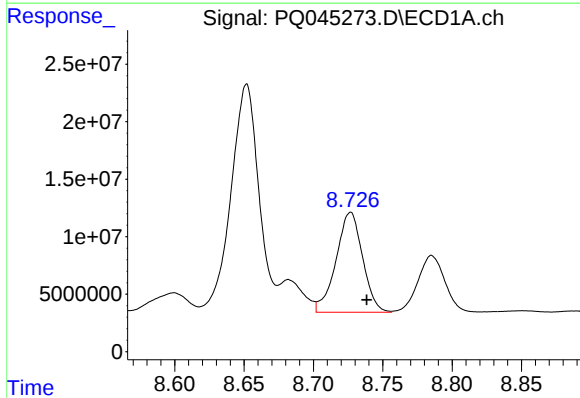
R.T.: 8.359 min
Delta R.T.: -0.011 min
Response: 219773702
Conc: 536.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



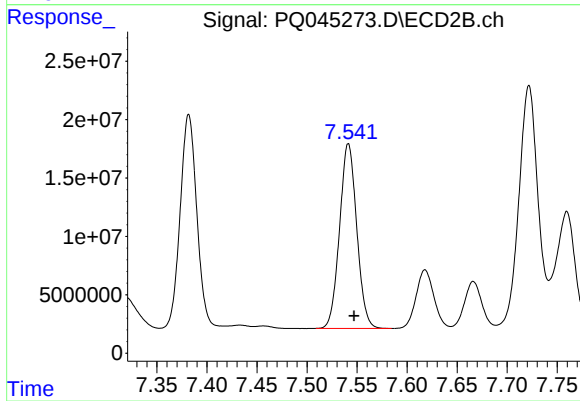
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 210650167
Conc: 533.49 ng/ml



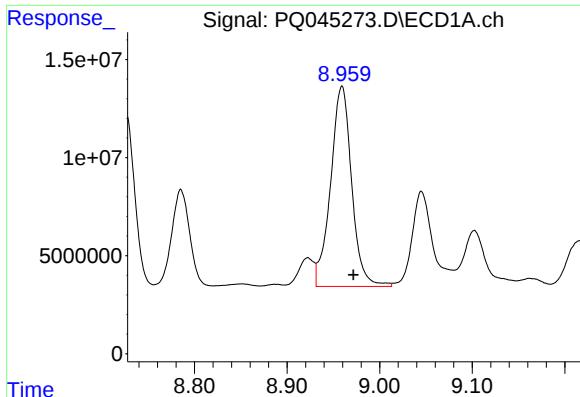
#33 AR-1260-3

R.T.: 8.727 min
Delta R.T.: -0.012 min
Response: 116080371
Conc: 355.55 ng/ml



#33 AR-1260-3

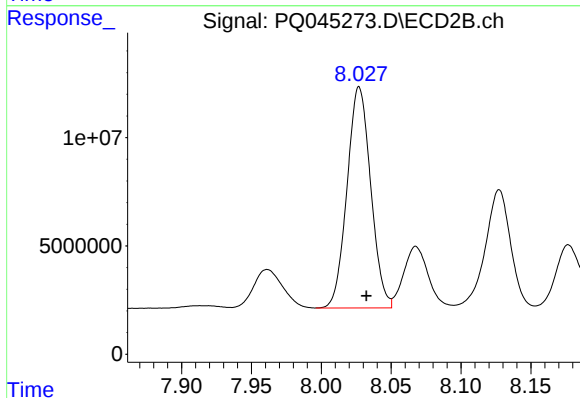
R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 188961041
Conc: 551.57 ng/ml



#34 AR-1260-4

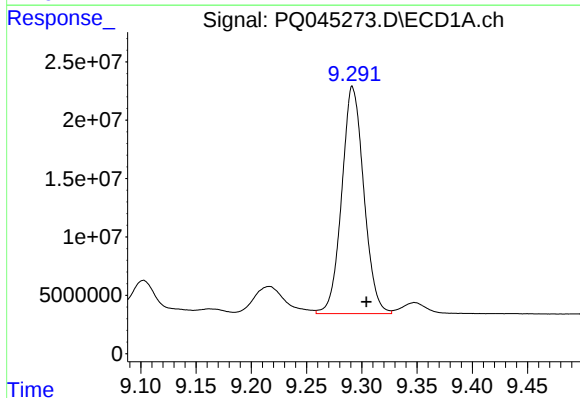
R.T.: 8.959 min
Delta R.T.: -0.013 min
Response: 161818743
Conc: 425.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



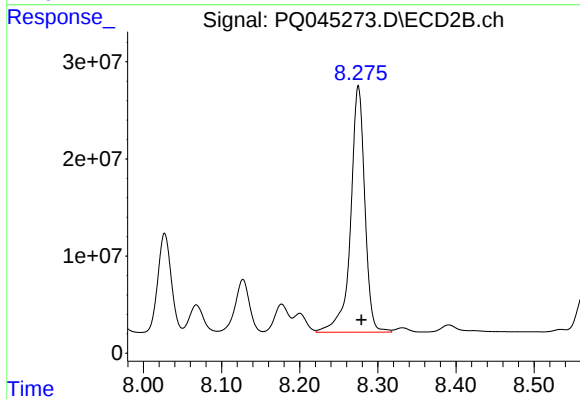
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 120402834
Conc: 392.63 ng/ml



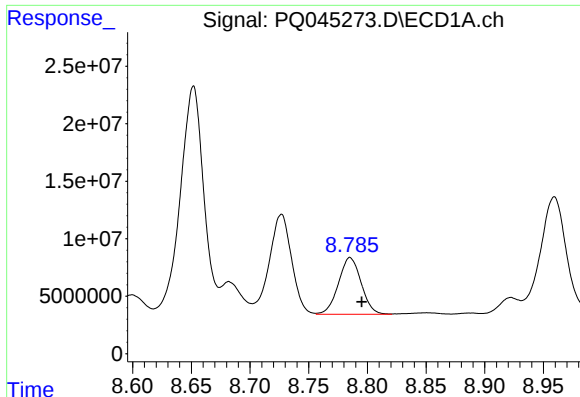
#35 AR-1260-5

R.T.: 9.292 min
Delta R.T.: -0.013 min
Response: 270249962
Conc: 351.07 ng/ml



#35 AR-1260-5

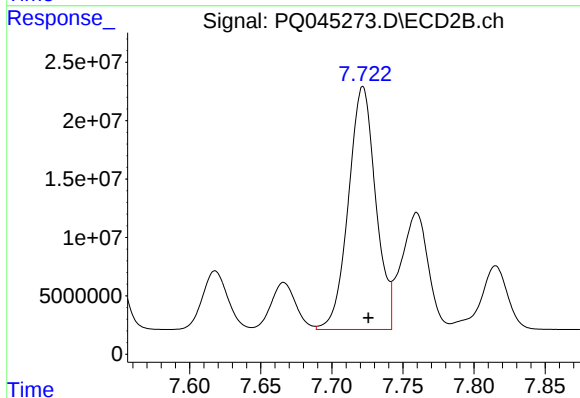
R.T.: 8.275 min
Delta R.T.: -0.004 min
Response: 319987622
Conc: 408.86 ng/ml



#36 AR-1262-1

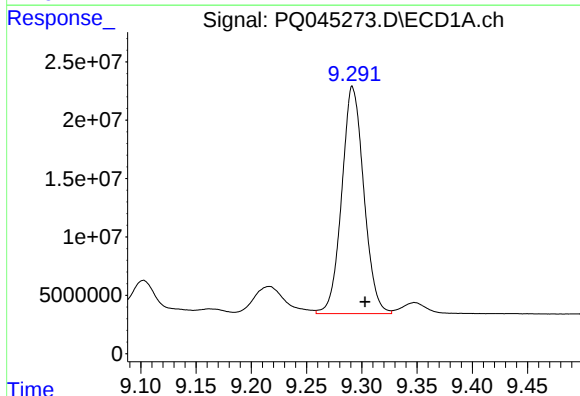
R.T.: 8.785 min
Delta R.T.: -0.010 min
Response: 66729739
Conc: 319.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



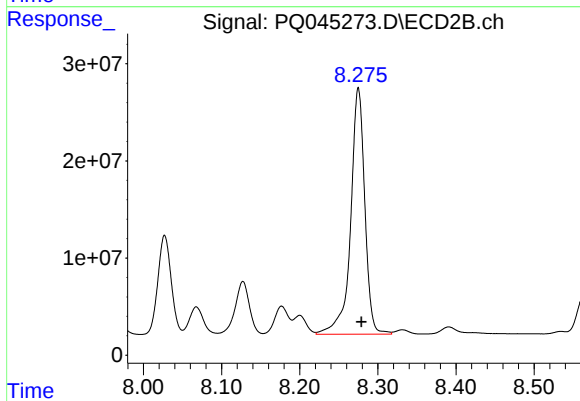
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.004 min
Response: 278174850
Conc: 1099.10 ng/ml



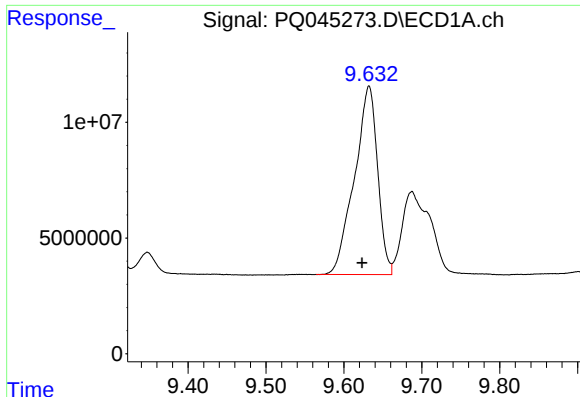
#37 AR-1262-2

R.T.: 9.292 min
Delta R.T.: -0.011 min
Response: 270249962
Conc: 299.22 ng/ml



#37 AR-1262-2

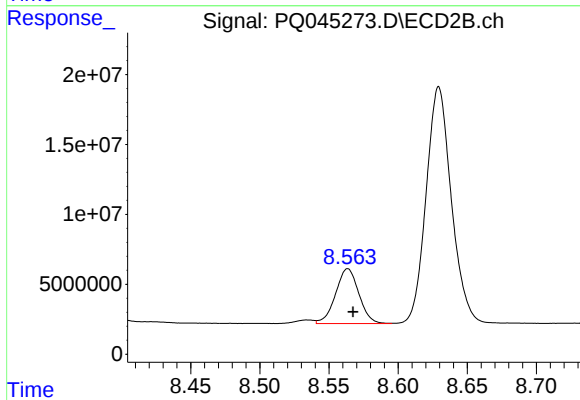
R.T.: 8.275 min
Delta R.T.: -0.004 min
Response: 319987622
Conc: 324.29 ng/ml



#38 AR-1262-3

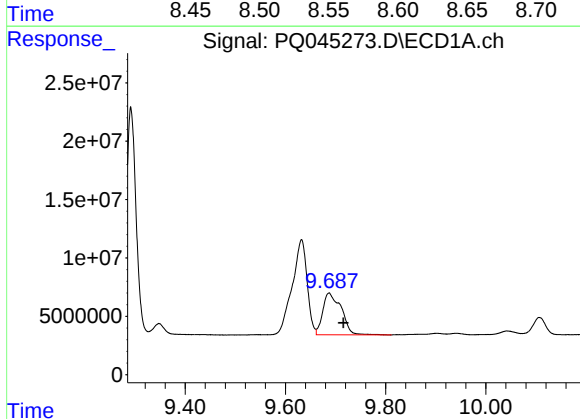
R.T.: 9.632 min
Delta R.T.: 0.009 min
Response: 168263339
Conc: 275.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



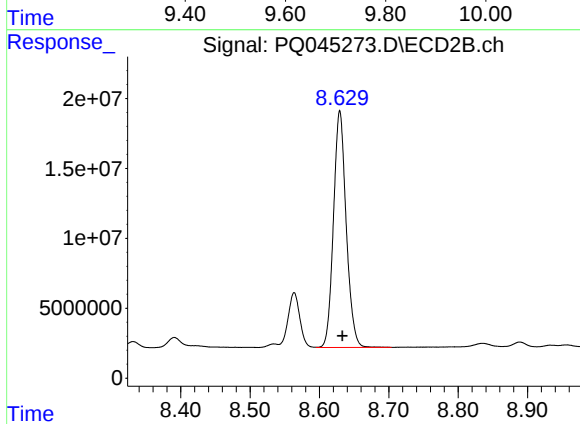
#38 AR-1262-3

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 46065826
Conc: 119.55 ng/ml



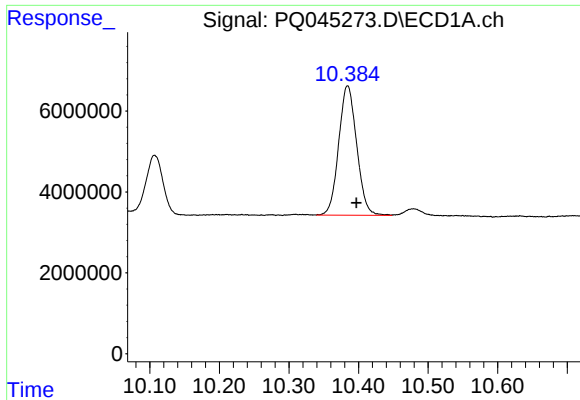
#39 AR-1262-4

R.T.: 9.687 min
Delta R.T.: -0.029 min
Response: 91849277
Conc: 202.17 ng/ml



#39 AR-1262-4

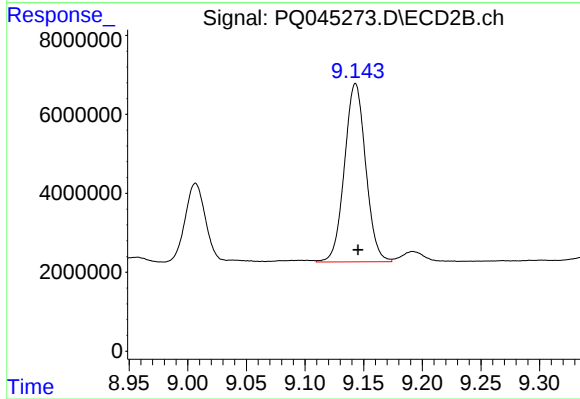
R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 215241027
Conc: 292.17 ng/ml



#40 AR-1262-5

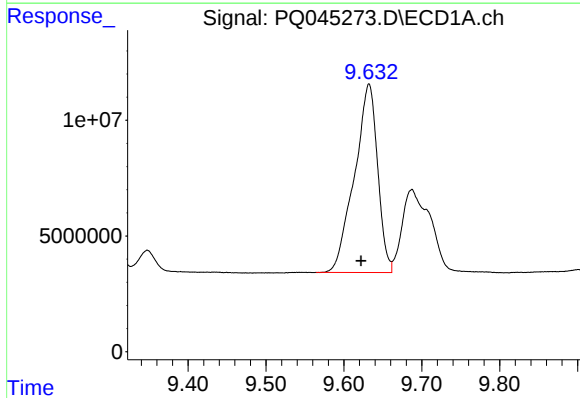
R.T.: 10.384 min
Delta R.T.: -0.013 min
Response: 57593013
Conc: 188.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



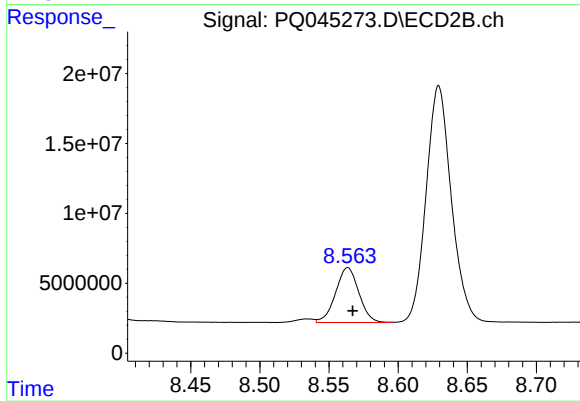
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 56847704
Conc: 163.28 ng/ml



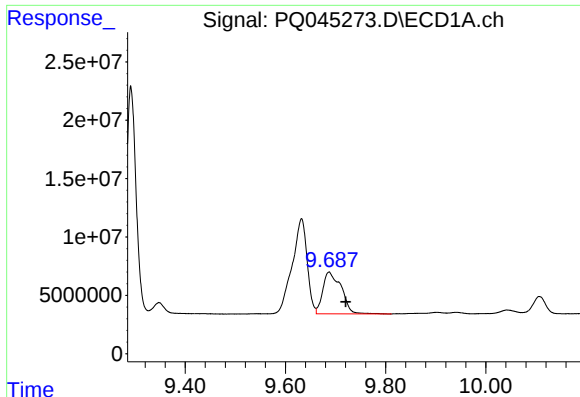
#41 AR-1268-1

R.T.: 9.632 min
Delta R.T.: 0.010 min
Response: 168263339
Conc: 150.68 ng/ml



#41 AR-1268-1

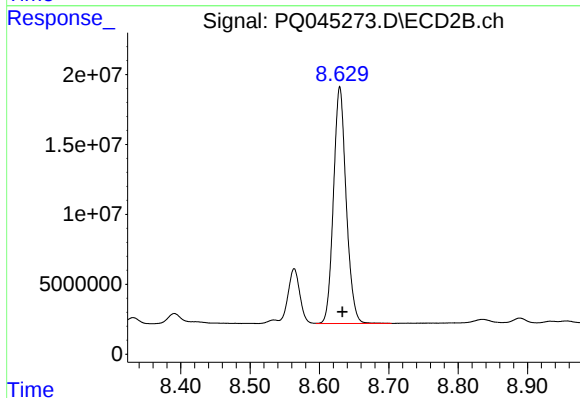
R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 46065826
Conc: 38.31 ng/ml



#42 AR-1268-2

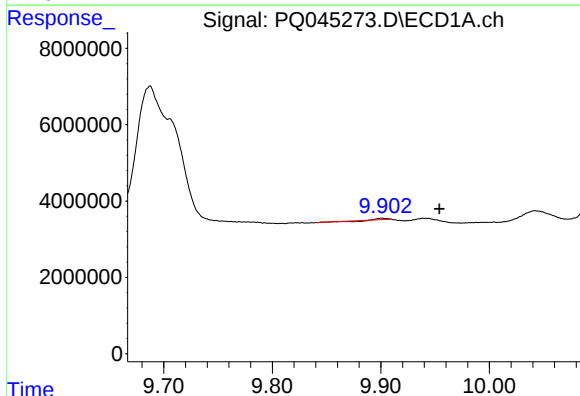
R.T.: 9.687 min
Delta R.T.: -0.033 min
Response: 91849277
Conc: 90.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



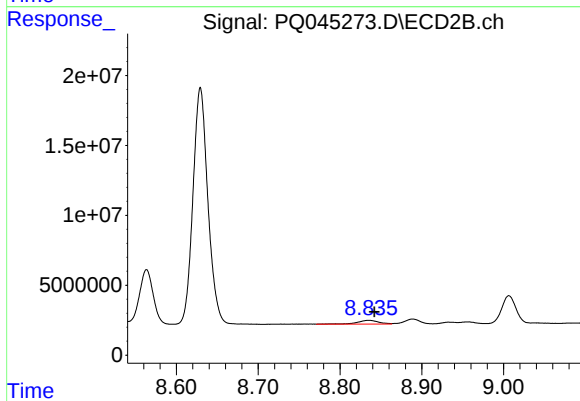
#42 AR-1268-2

R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 215241027
Conc: 193.29 ng/ml



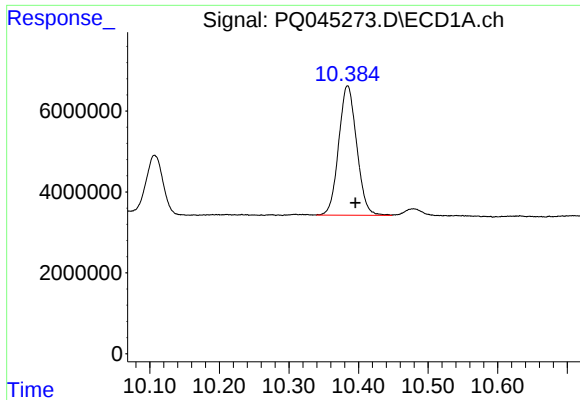
#43 AR-1268-3

R.T.: 9.901 min
Delta R.T.: -0.053 min
Response: 42302
Conc: 0.05 ng/ml



#43 AR-1268-3

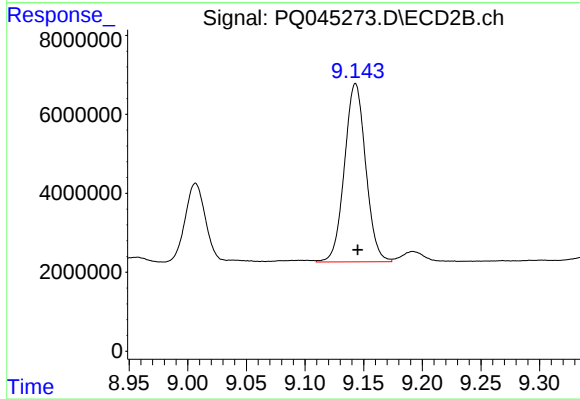
R.T.: 8.835 min
Delta R.T.: -0.007 min
Response: 5029602
Conc: 5.41 ng/ml



#44 AR-1268-4

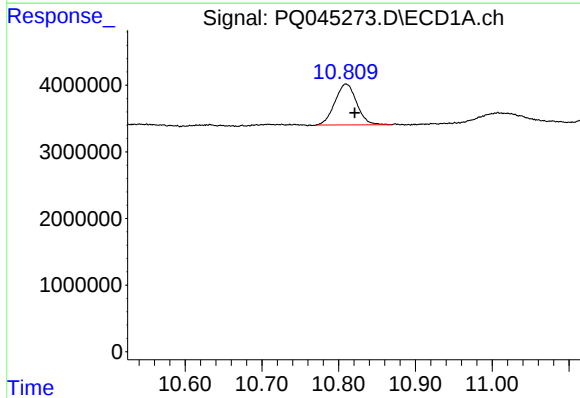
R.T.: 10.384 min
Delta R.T.: -0.011 min
Response: 57593013
Conc: 165.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFPW7DL



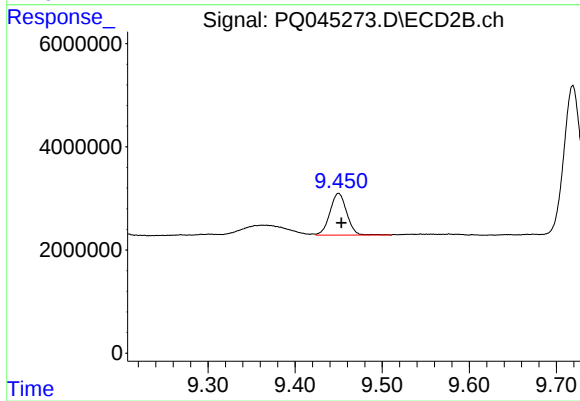
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 56847704
Conc: 141.15 ng/ml



#45 AR-1268-5

R.T.: 10.810 min
Delta R.T.: -0.012 min
Response: 12095664
Conc: 4.64 ng/ml



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: -0.003 min
Response: 10905792
Conc: 3.61 ng/ml