

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012319\
 Data File : PQ036647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2019 11:12
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:51:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 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...	4.377	3.711	234.0E6	134.0E6	51.179	55.358
2)	SA Decachlor...	10.010	8.666	188.4E6	90833218	51.788	47.249
Target Compounds							
3)	L1 AR-1016-1	5.537	4.784	65299894	37967509	466.688	489.189
4)	L1 AR-1016-2	5.559	4.802	96442862	53880298	451.790	473.101
5)	L1 AR-1016-3	5.621	4.978	55787128	27808877	449.677	480.682
6)	L1 AR-1016-4	5.721	5.017	39804466	21821152	393.087	462.914
7)	L1 AR-1016-5	6.010	5.230	33305286	27681233	333.528	455.021 #
8)	L2 AR-1221-1	4.583	3.919	5987884	1171378	169.417	59.697 #
9)	L2 AR-1221-2	4.675	4.082	8864476	20602288	333.710	1390.090 #
10)	L2 AR-1221-3	4.751	4.082	35764106	20602288	401.184	416.730
11)	L3 AR-1232-1	4.751	4.082	35764106	20602288	469.448	478.759
12)	L3 AR-1232-2	5.272	4.802	46336117	53880298	1213.969	1195.969
13)	L3 AR-1232-3	5.559	4.978	96442862	27808877	1198.522	1227.031
14)	L3 AR-1232-4	5.721	5.058	39804466	25964452	1035.582	1261.505
15)	L3 AR-1232-5	5.807	5.230	38806601	27681233	1354.881	1262.230
16)	L4 AR-1242-1	5.559	4.802	96442862	53880298	970.059	934.548
17)	L4 AR-1242-2	5.559	4.802	96442862	53880298	638.452	660.690
18)	L4 AR-1242-3	5.621	4.978	55787128	27808877	629.021	650.554
19)	L4 AR-1242-4	5.721	5.058	39804466	25964452	546.400	610.158
20)	L4 AR-1242-5	6.452	5.576	11677338	30306591	147.153	557.950 #
21)	L5 AR-1248-1	5.559	4.802	96442862	53880298	963.783	1148.125
22)	L5 AR-1248-2	5.807	5.017	38806601	21821152	347.399	347.678
23)	L5 AR-1248-3	6.010	5.058	33305286	25964452	265.786	404.118 #
24)	L5 AR-1248-4	6.413	5.230	14831358	27681233	104.019	360.364 #
25)	L5 AR-1248-5	6.452	5.618	11677338	6705988	85.440	87.870
26)	L6 AR-1254-1	6.384	5.576	44503807	30306591	327.376	289.768
27)	L6 AR-1254-2	6.599	5.722	41293661	23373891	194.170	255.791 #
28)	L6 AR-1254-3	6.970	6.133	22193685	38251467	94.550	240.256 #
29)	L6 AR-1254-4	7.253	6.377	8478300	12764862	47.922	121.611 #
30)	L6 AR-1254-5	7.670	6.763	122.3E6	76577953	597.051	527.213
31)	L7 AR-1260-1	7.128	6.249	81607524	52852381	428.635	443.857
32)	L7 AR-1260-2	7.384	6.437	98890849	64944713	430.914	452.365
33)	L7 AR-1260-3	7.740	6.589	61514055	59792903	436.858	452.846
34)	L7 AR-1260-4	7.969	7.056	74816481	41407078	433.915	460.639
35)	L7 AR-1260-5	8.284	7.298	153.8E6	104.0E6	458.080	470.929
36)	L8 AR-1262-1	7.740	6.796	61514055	45270595	262.492	293.657
37)	L8 AR-1262-2	8.284	7.298	153.8E6	104.0E6	358.360	373.738
38)	L8 AR-1262-3	8.608	7.575	53613901	16844821	576.114	162.496 #
39)	L8 AR-1262-4	8.660	7.642	48259773	73981351	232.675	371.725 #
40)	L8 AR-1262-5	9.311	8.138	17369195	17228000	119.564	195.929 #
41)	L9 AR-1268-1	8.608	7.575	53613901	16844821	105.565	53.023 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012319\
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 Acq On : 23 Jan 2019 11:12
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

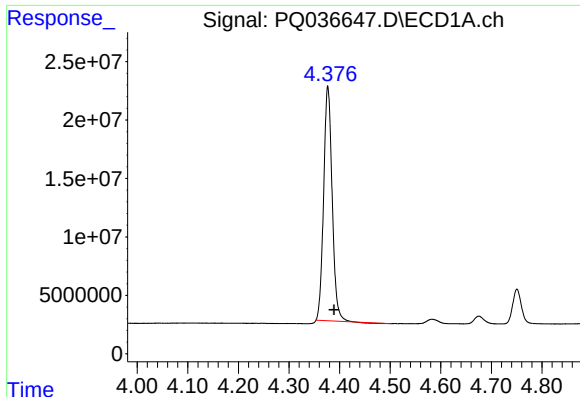
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:51:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
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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	8.660	7.642	48259773	73981351	100.921	256.922 #
44) L9	AR-1268-4	9.311	8.138	17369195	17228000	105.779	173.275 #
45) L9	AR-1268-5	9.701	8.423	-428534	3527003	N.D.	4.692 #

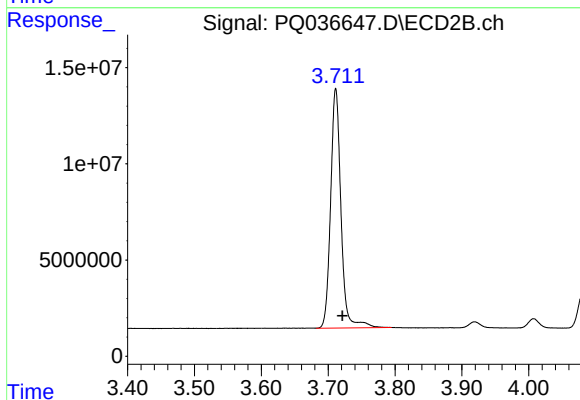
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

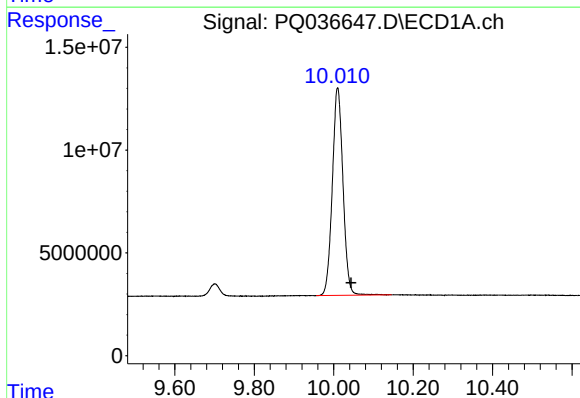
R.T.: 4.377 min
Delta R.T.: -0.012 min
Response: 233965062
Conc: 51.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



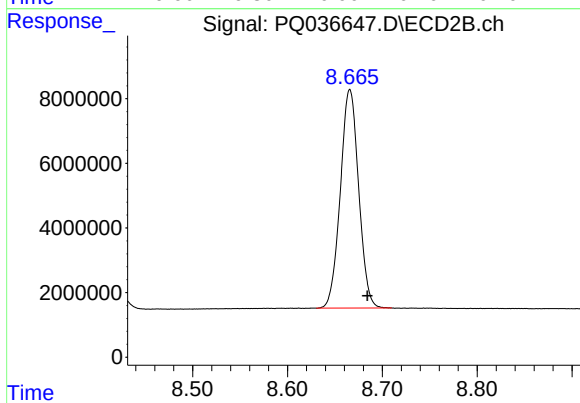
#1 Tetrachloro-m-xylene

R.T.: 3.711 min
Delta R.T.: -0.010 min
Response: 133992253
Conc: 55.36 ng/ml



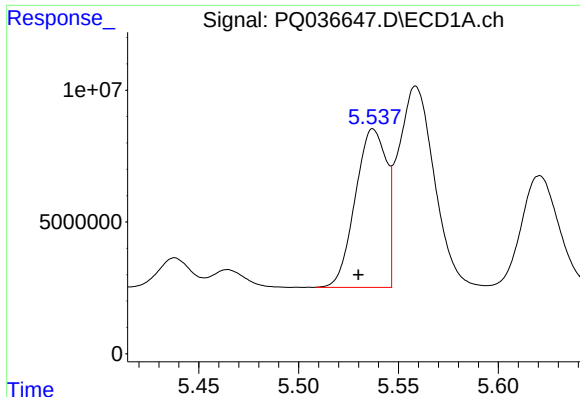
#2 Decachlorobiphenyl

R.T.: 10.010 min
Delta R.T.: -0.034 min
Response: 188376236
Conc: 51.79 ng/ml



#2 Decachlorobiphenyl

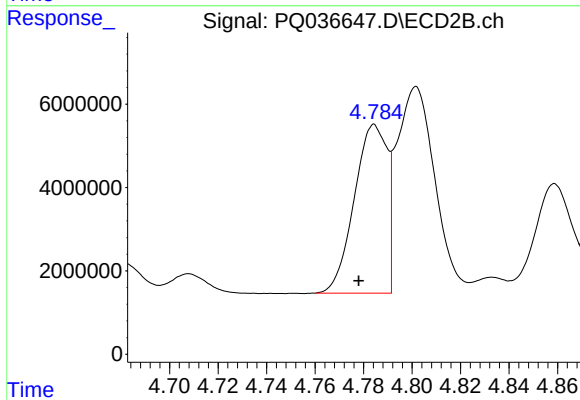
R.T.: 8.666 min
Delta R.T.: -0.019 min
Response: 90833218
Conc: 47.25 ng/ml



#3 AR-1016-1

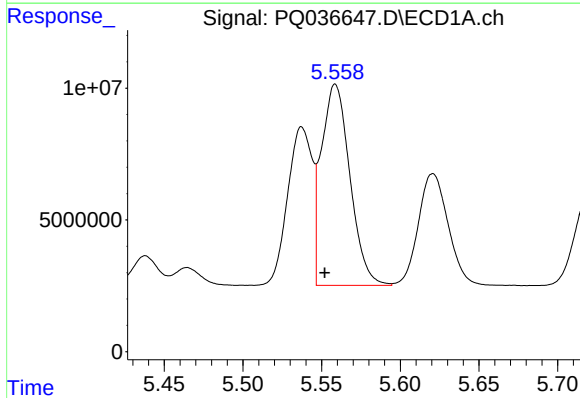
R.T.: 5.537 min
Delta R.T.: 0.007 min
Response: 65299894
Conc: 466.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



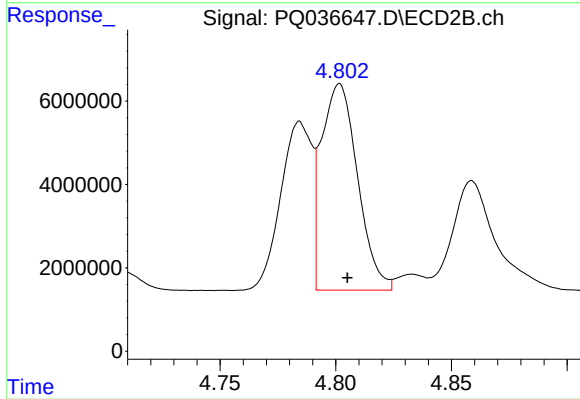
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: 0.006 min
Response: 37967509
Conc: 489.19 ng/ml



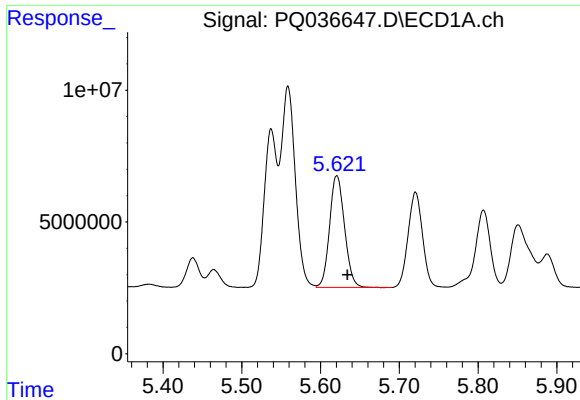
#4 AR-1016-2

R.T.: 5.559 min
Delta R.T.: 0.007 min
Response: 96442862
Conc: 451.79 ng/ml



#4 AR-1016-2

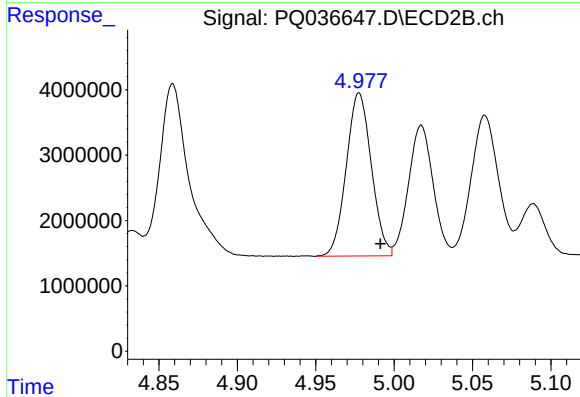
R.T.: 4.802 min
Delta R.T.: -0.003 min
Response: 53880298
Conc: 473.10 ng/ml



#5 AR-1016-3

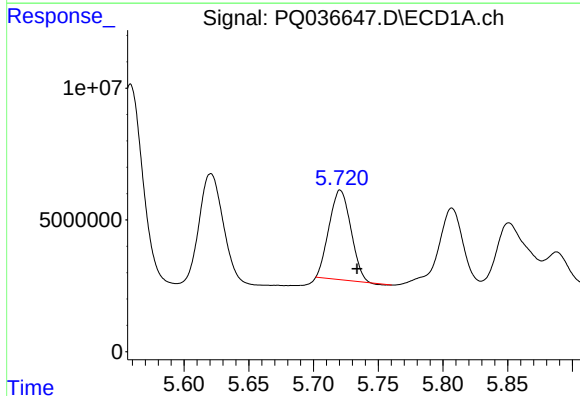
R.T.: 5.621 min
Delta R.T.: -0.013 min
Response: 55787128
Conc: 449.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



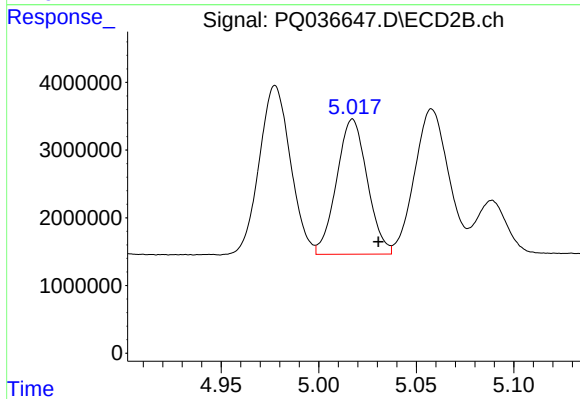
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.013 min
Response: 27808877
Conc: 480.68 ng/ml



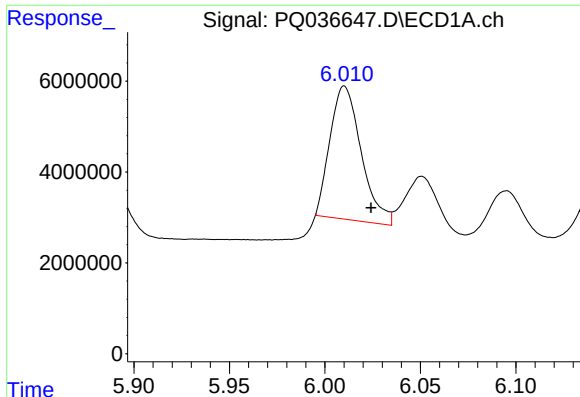
#6 AR-1016-4

R.T.: 5.721 min
Delta R.T.: -0.013 min
Response: 39804466
Conc: 393.09 ng/ml



#6 AR-1016-4

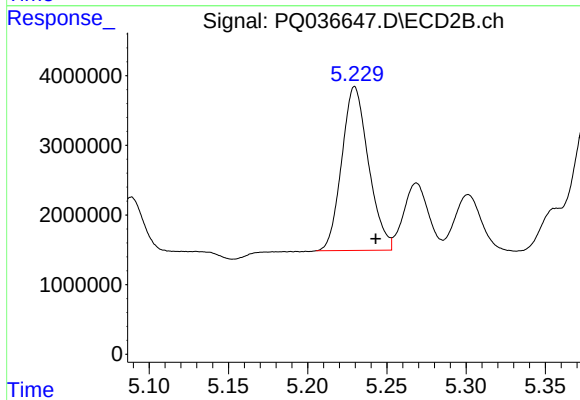
R.T.: 5.017 min
Delta R.T.: -0.013 min
Response: 21821152
Conc: 462.91 ng/ml



#7 AR-1016-5

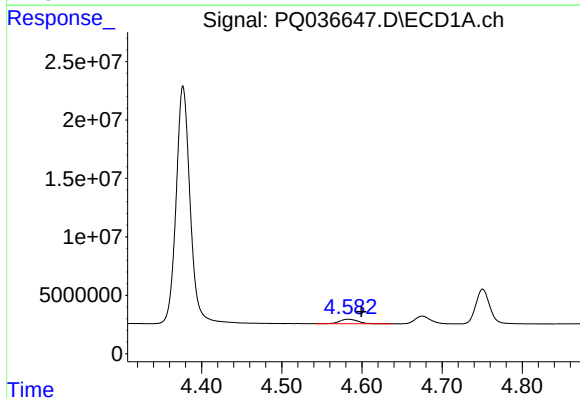
R.T.: 6.010 min
Delta R.T.: -0.014 min
Response: 33305286
Conc: 333.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



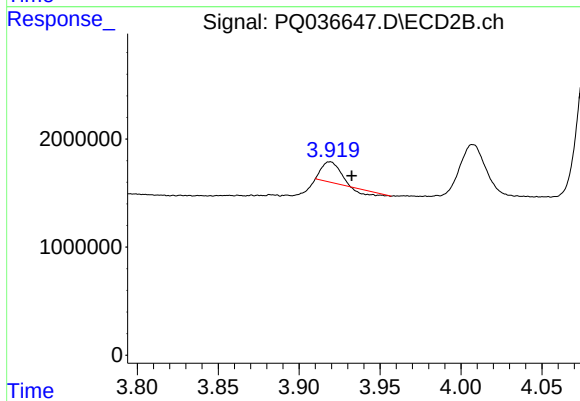
#7 AR-1016-5

R.T.: 5.230 min
Delta R.T.: -0.013 min
Response: 27681233
Conc: 455.02 ng/ml



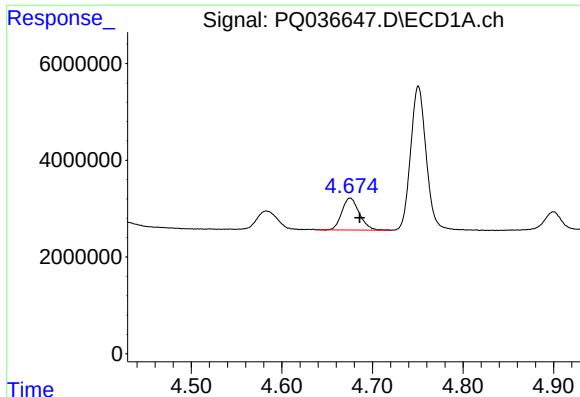
#8 AR-1221-1

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 5987884
Conc: 169.42 ng/ml



#8 AR-1221-1

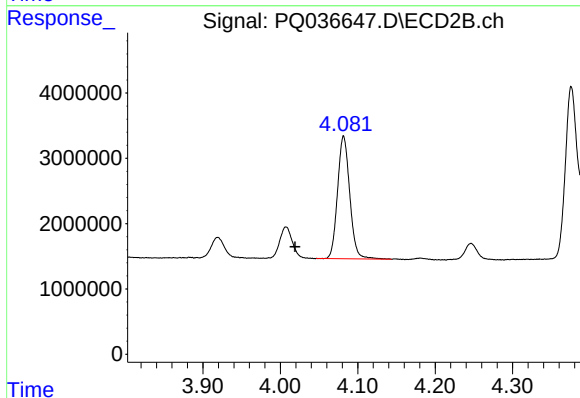
R.T.: 3.919 min
Delta R.T.: -0.013 min
Response: 1171378
Conc: 59.70 ng/ml



#9 AR-1221-2

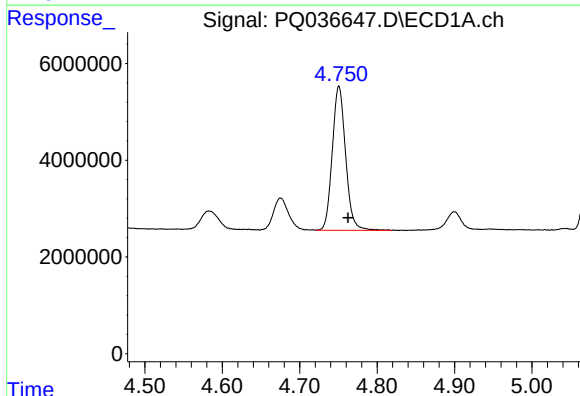
R.T.: 4.675 min
Delta R.T.: -0.011 min
Response: 8864476
Conc: 333.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



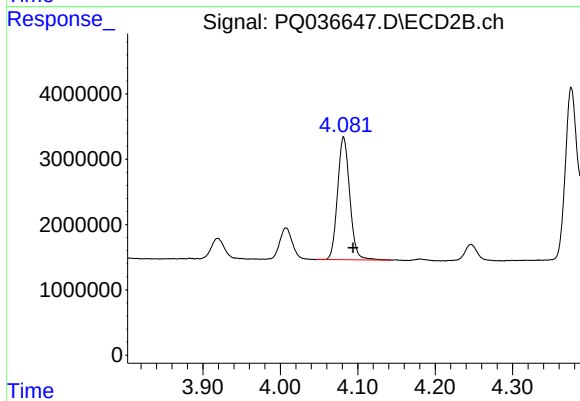
#9 AR-1221-2

R.T.: 4.082 min
Delta R.T.: 0.063 min
Response: 20602288
Conc: 1390.09 ng/ml



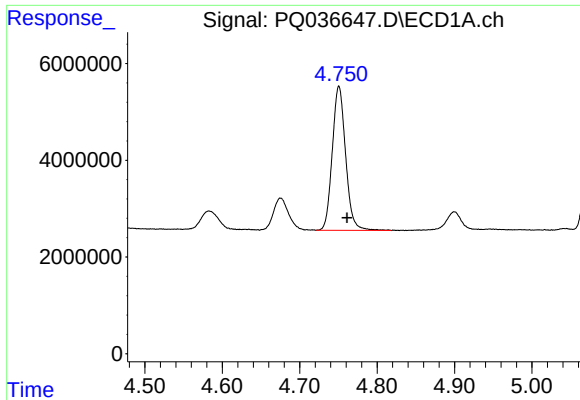
#10 AR-1221-3

R.T.: 4.751 min
Delta R.T.: -0.012 min
Response: 35764106
Conc: 401.18 ng/ml



#10 AR-1221-3

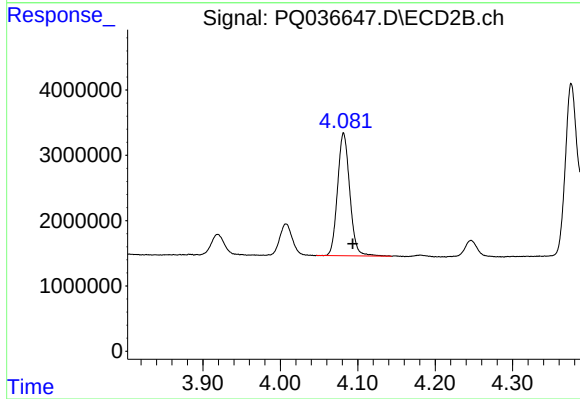
R.T.: 4.082 min
Delta R.T.: -0.012 min
Response: 20602288
Conc: 416.73 ng/ml



#11 AR-1232-1

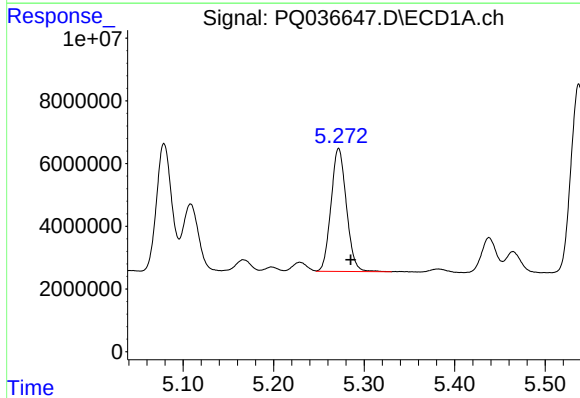
R.T.: 4.751 min
Delta R.T.: -0.011 min
Response: 35764106
Conc: 469.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



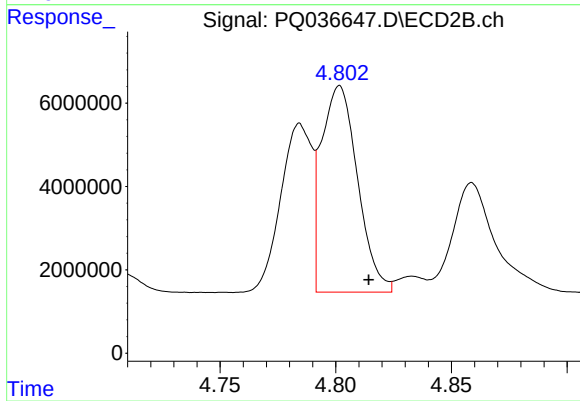
#11 AR-1232-1

R.T.: 4.082 min
Delta R.T.: -0.012 min
Response: 20602288
Conc: 478.76 ng/ml



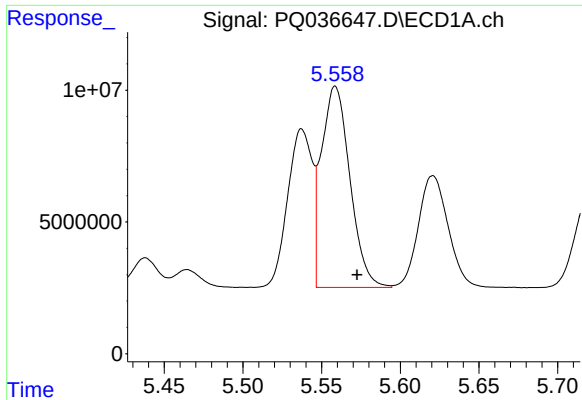
#12 AR-1232-2

R.T.: 5.272 min
Delta R.T.: -0.013 min
Response: 46336117
Conc: 1213.97 ng/ml



#12 AR-1232-2

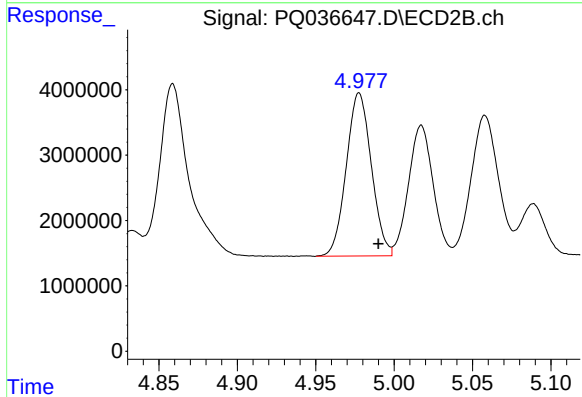
R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 53880298
Conc: 1195.97 ng/ml



#13 AR-1232-3

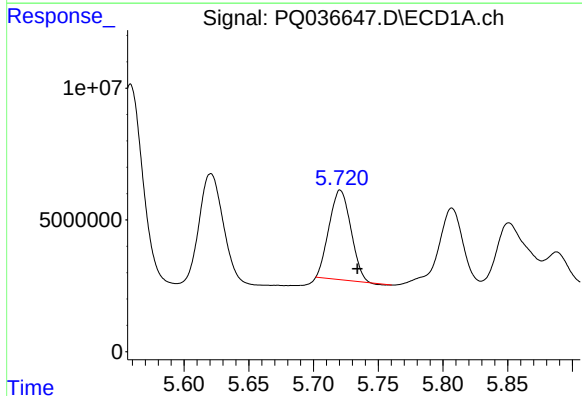
R.T.: 5.559 min
Delta R.T.: -0.014 min
Response: 96442862
Conc: 1198.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



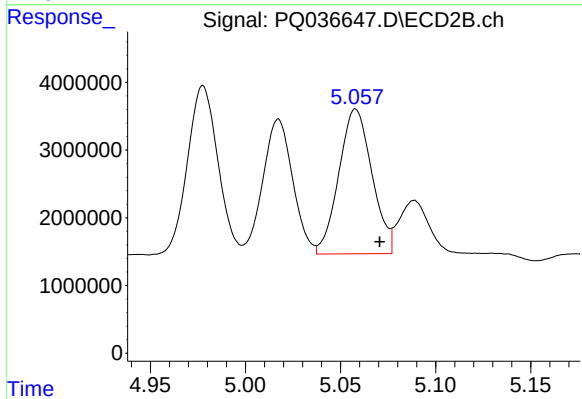
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 27808877
Conc: 1227.03 ng/ml



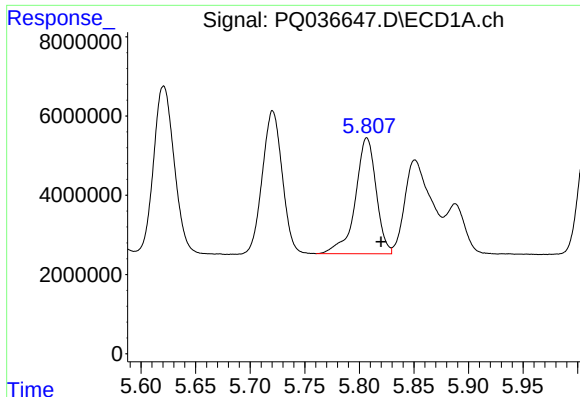
#14 AR-1232-4

R.T.: 5.721 min
Delta R.T.: -0.013 min
Response: 39804466
Conc: 1035.58 ng/ml



#14 AR-1232-4

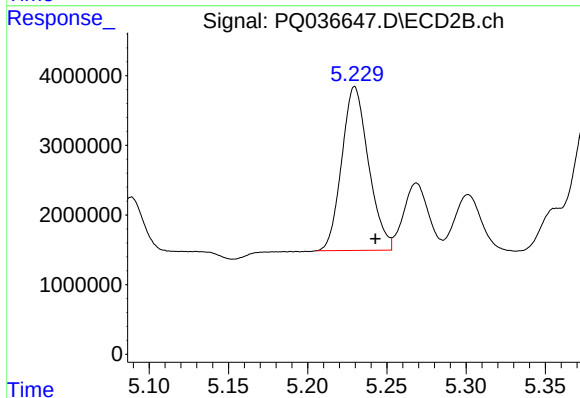
R.T.: 5.058 min
Delta R.T.: -0.013 min
Response: 25964452
Conc: 1261.51 ng/ml



#15 AR-1232-5

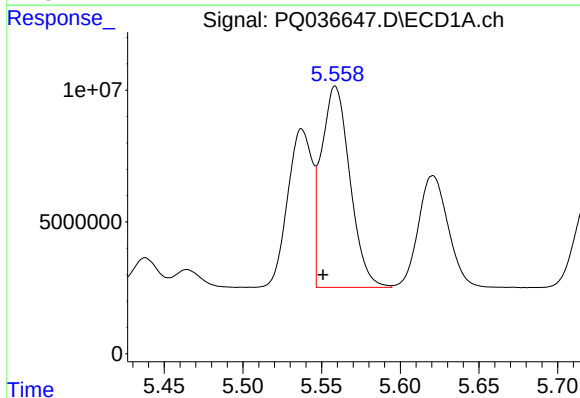
R.T.: 5.807 min
Delta R.T.: -0.013 min
Response: 38806601
Conc: 1354.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



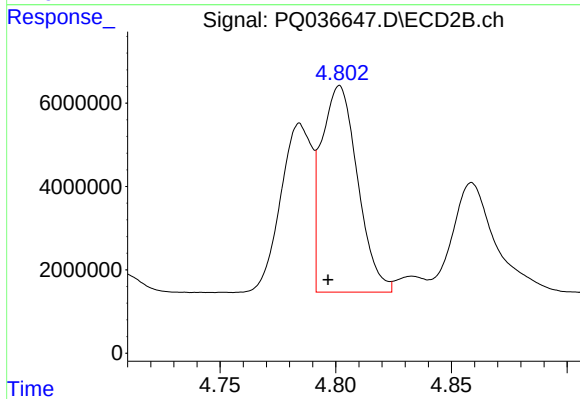
#15 AR-1232-5

R.T.: 5.230 min
Delta R.T.: -0.013 min
Response: 27681233
Conc: 1262.23 ng/ml



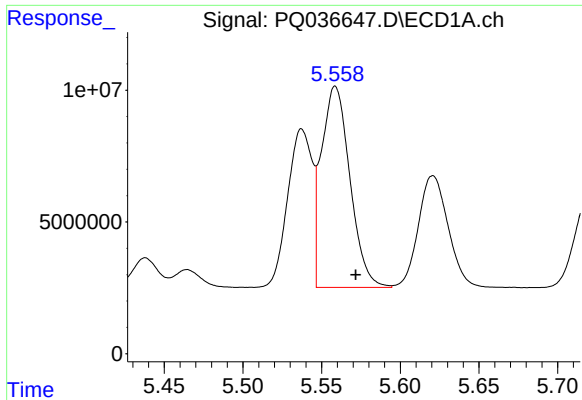
#16 AR-1242-1

R.T.: 5.559 min
Delta R.T.: 0.008 min
Response: 96442862
Conc: 970.06 ng/ml



#16 AR-1242-1

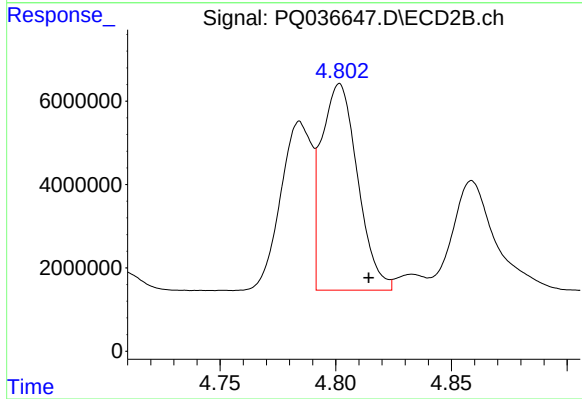
R.T.: 4.802 min
Delta R.T.: 0.005 min
Response: 53880298
Conc: 934.55 ng/ml



#17 AR-1242-2

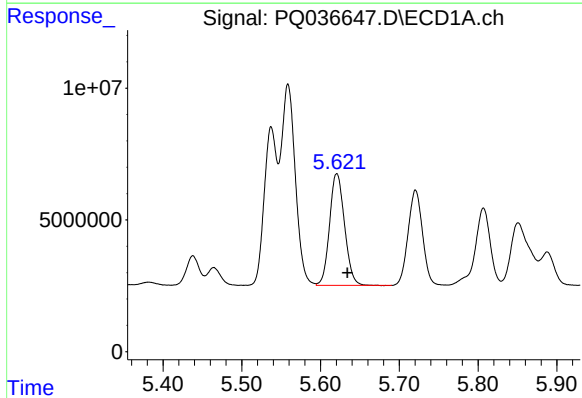
R.T.: 5.559 min
Delta R.T.: -0.013 min
Response: 96442862
Conc: 638.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



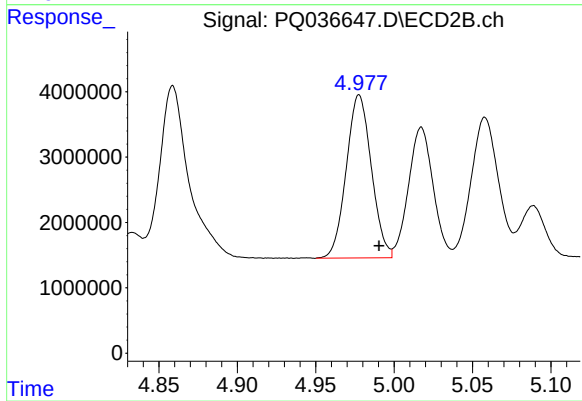
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 53880298
Conc: 660.69 ng/ml



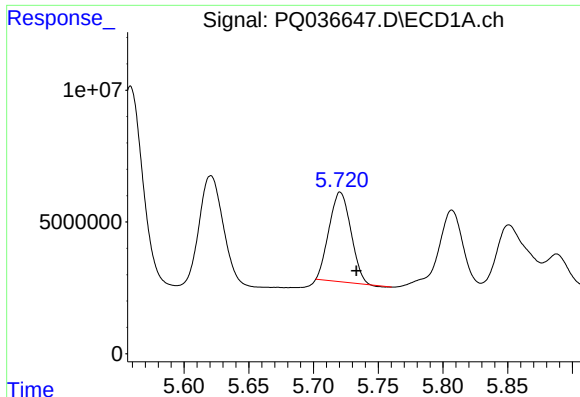
#18 AR-1242-3

R.T.: 5.621 min
Delta R.T.: -0.013 min
Response: 55787128
Conc: 629.02 ng/ml



#18 AR-1242-3

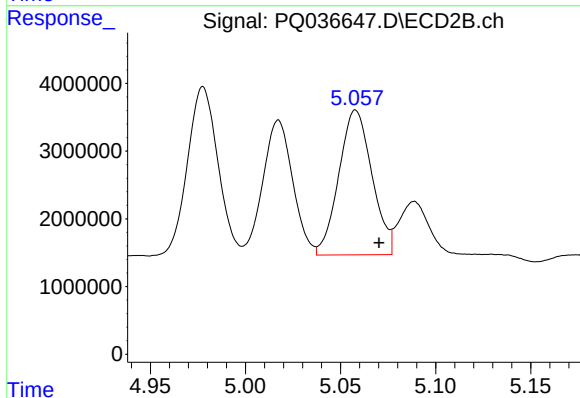
R.T.: 4.978 min
Delta R.T.: -0.013 min
Response: 27808877
Conc: 650.55 ng/ml



#19 AR-1242-4

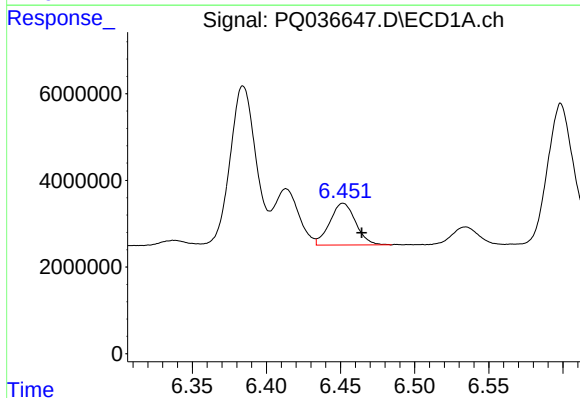
R.T.: 5.721 min
Delta R.T.: -0.013 min
Response: 39804466
Conc: 546.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



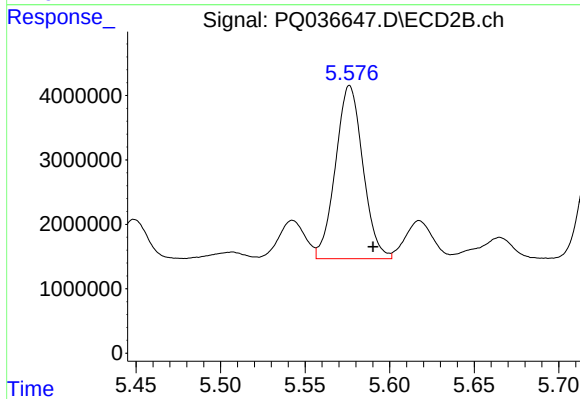
#19 AR-1242-4

R.T.: 5.058 min
Delta R.T.: -0.012 min
Response: 25964452
Conc: 610.16 ng/ml



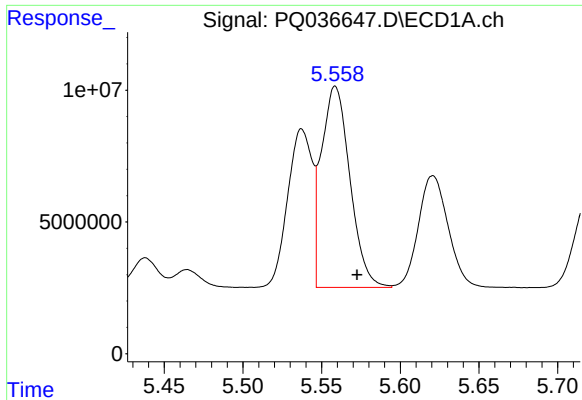
#20 AR-1242-5

R.T.: 6.452 min
Delta R.T.: -0.013 min
Response: 11677338
Conc: 147.15 ng/ml



#20 AR-1242-5

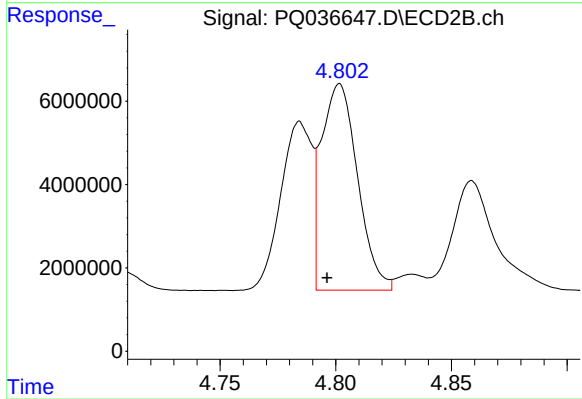
R.T.: 5.576 min
Delta R.T.: -0.014 min
Response: 30306591
Conc: 557.95 ng/ml



#21 AR-1248-1

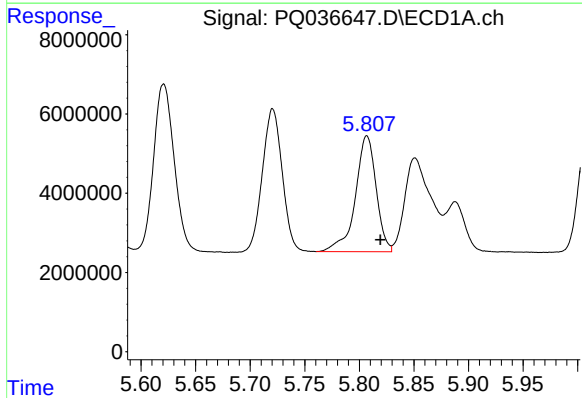
R.T.: 5.559 min
Delta R.T.: -0.014 min
Response: 96442862
Conc: 963.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



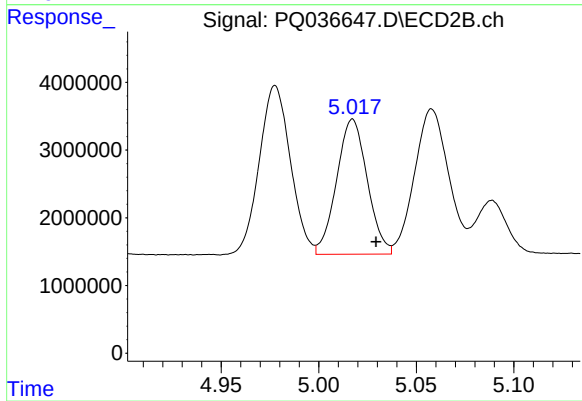
#21 AR-1248-1

R.T.: 4.802 min
Delta R.T.: 0.005 min
Response: 53880298
Conc: 1148.13 ng/ml



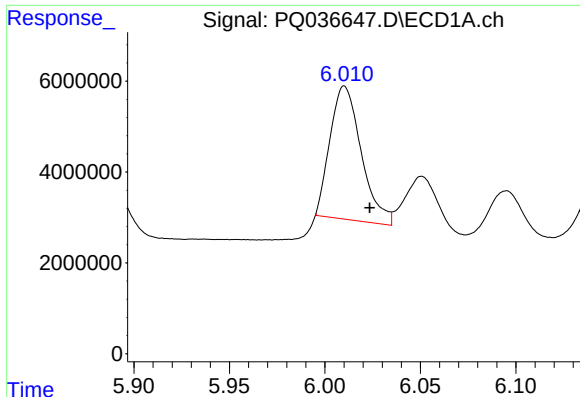
#22 AR-1248-2

R.T.: 5.807 min
Delta R.T.: -0.012 min
Response: 38806601
Conc: 347.40 ng/ml



#22 AR-1248-2

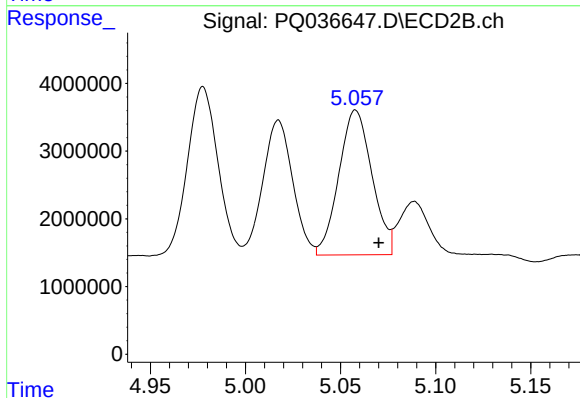
R.T.: 5.017 min
Delta R.T.: -0.012 min
Response: 21821152
Conc: 347.68 ng/ml



#23 AR-1248-3

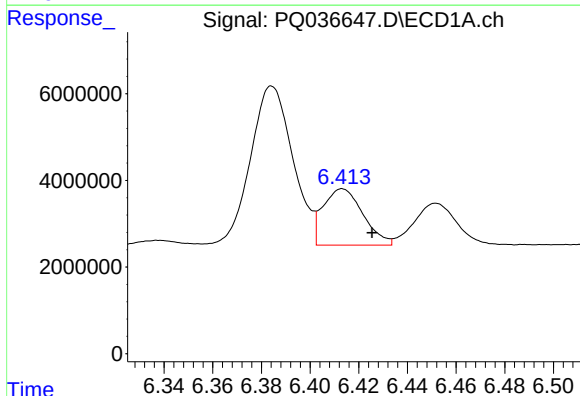
R.T.: 6.010 min
Delta R.T.: -0.013 min
Response: 33305286
Conc: 265.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



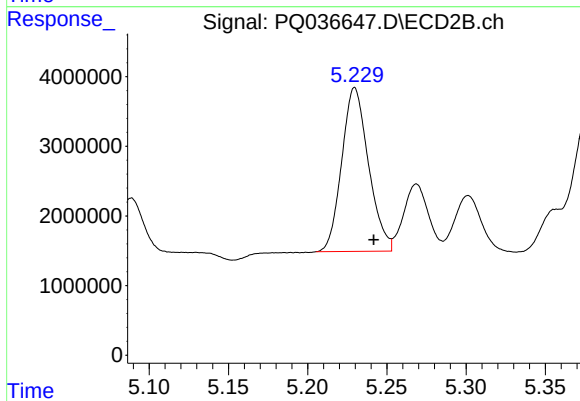
#23 AR-1248-3

R.T.: 5.058 min
Delta R.T.: -0.012 min
Response: 25964452
Conc: 404.12 ng/ml



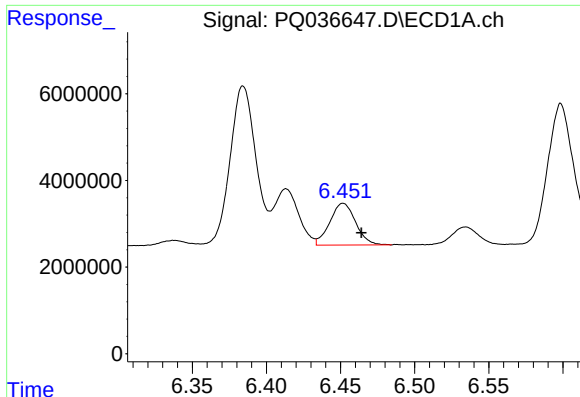
#24 AR-1248-4

R.T.: 6.413 min
Delta R.T.: -0.012 min
Response: 14831358
Conc: 104.02 ng/ml



#24 AR-1248-4

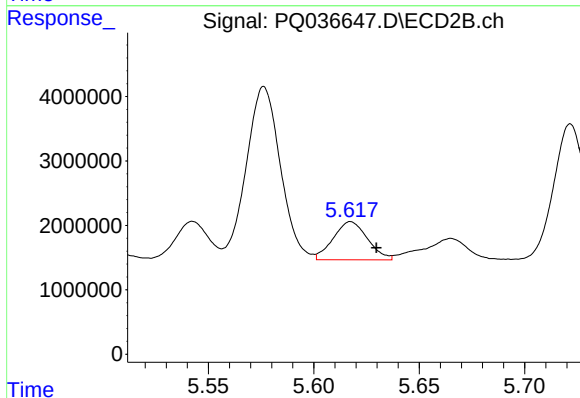
R.T.: 5.230 min
Delta R.T.: -0.012 min
Response: 27681233
Conc: 360.36 ng/ml



#25 AR-1248-5

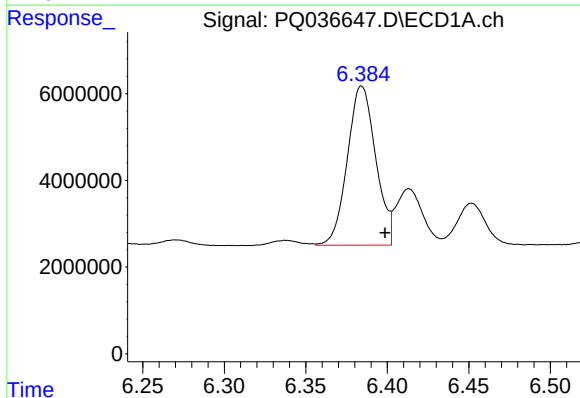
R.T.: 6.452 min
Delta R.T.: -0.012 min
Response: 11677338
Conc: 85.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



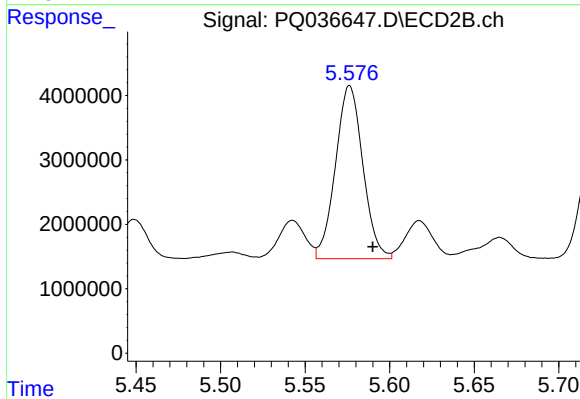
#25 AR-1248-5

R.T.: 5.618 min
Delta R.T.: -0.012 min
Response: 6705988
Conc: 87.87 ng/ml



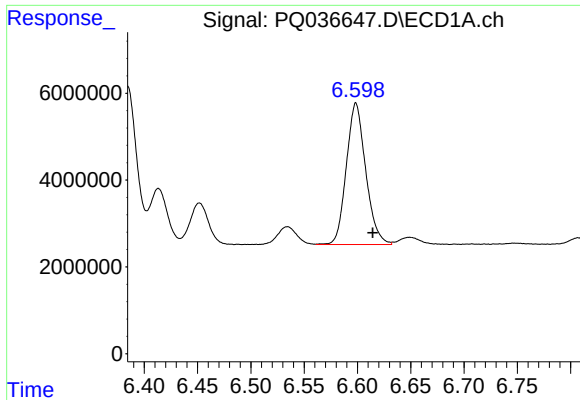
#26 AR-1254-1

R.T.: 6.384 min
Delta R.T.: -0.014 min
Response: 44503807
Conc: 327.38 ng/ml



#26 AR-1254-1

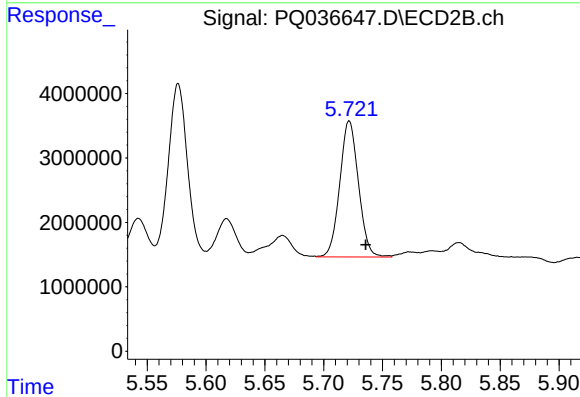
R.T.: 5.576 min
Delta R.T.: -0.014 min
Response: 30306591
Conc: 289.77 ng/ml



#27 AR-1254-2

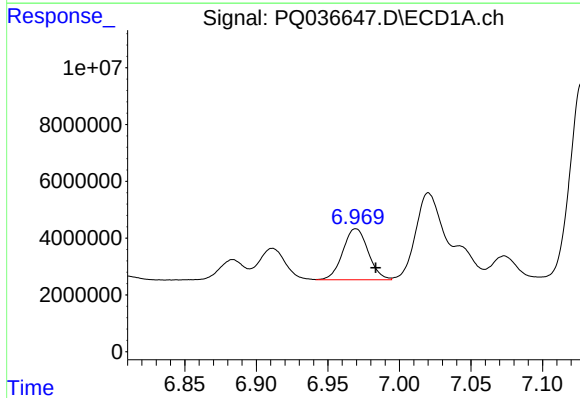
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 41293661
Conc: 194.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



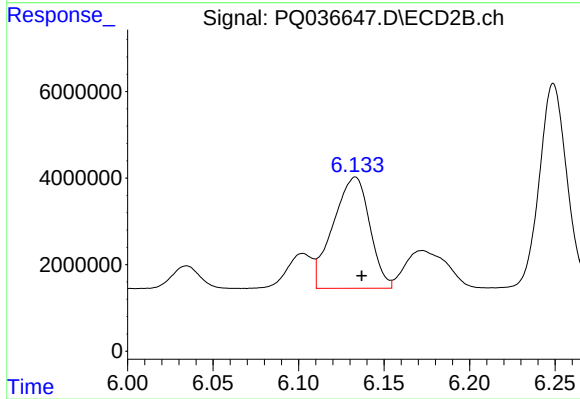
#27 AR-1254-2

R.T.: 5.722 min
Delta R.T.: -0.014 min
Response: 23373891
Conc: 255.79 ng/ml



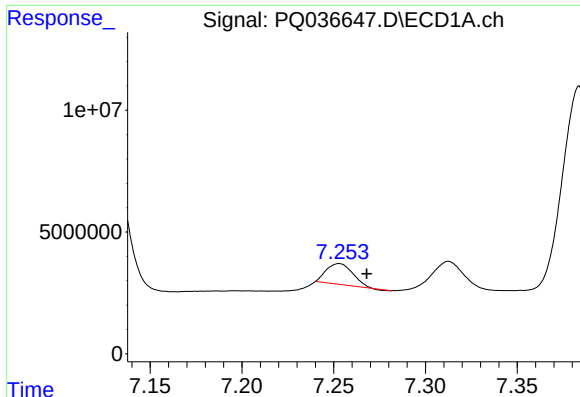
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: -0.014 min
Response: 22193685
Conc: 94.55 ng/ml



#28 AR-1254-3

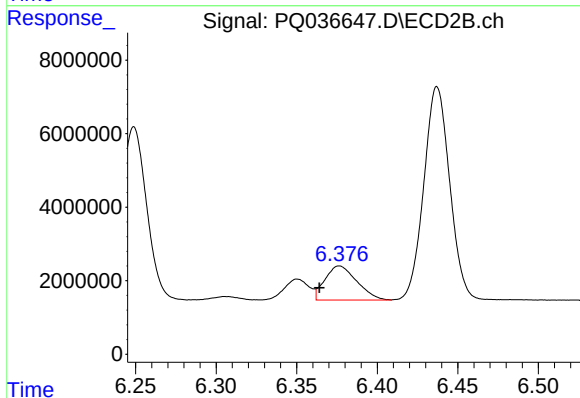
R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 38251467
Conc: 240.26 ng/ml



#29 AR-1254-4

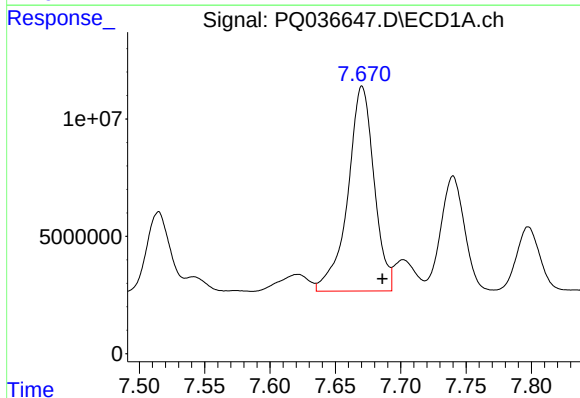
R.T.: 7.253 min
Delta R.T.: -0.015 min
Response: 8478300
Conc: 47.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



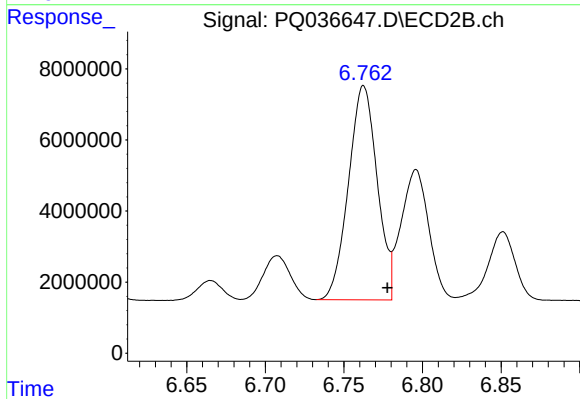
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: 0.012 min
Response: 12764862
Conc: 121.61 ng/ml



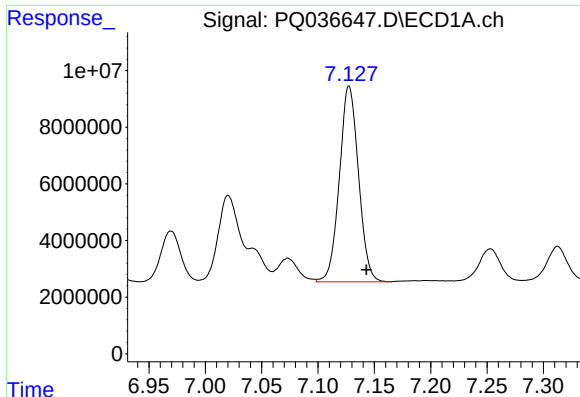
#30 AR-1254-5

R.T.: 7.670 min
Delta R.T.: -0.015 min
Response: 122286212
Conc: 597.05 ng/ml



#30 AR-1254-5

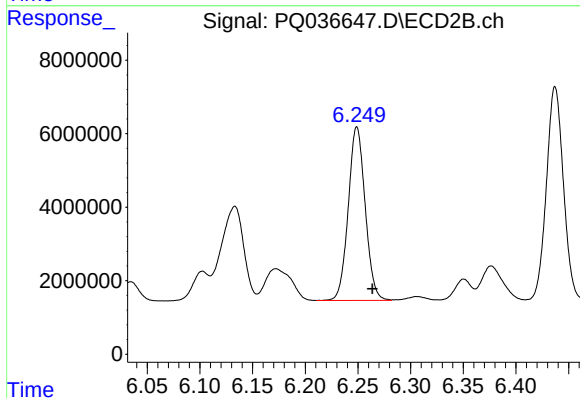
R.T.: 6.763 min
Delta R.T.: -0.015 min
Response: 76577953
Conc: 527.21 ng/ml



#31 AR-1260-1

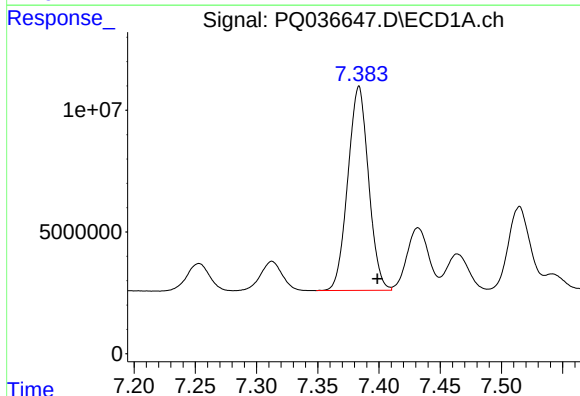
R.T.: 7.128 min
Delta R.T.: -0.015 min
Response: 81607524
Conc: 428.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



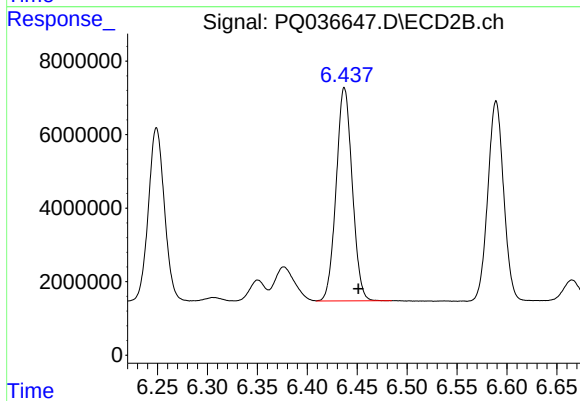
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: -0.015 min
Response: 52852381
Conc: 443.86 ng/ml



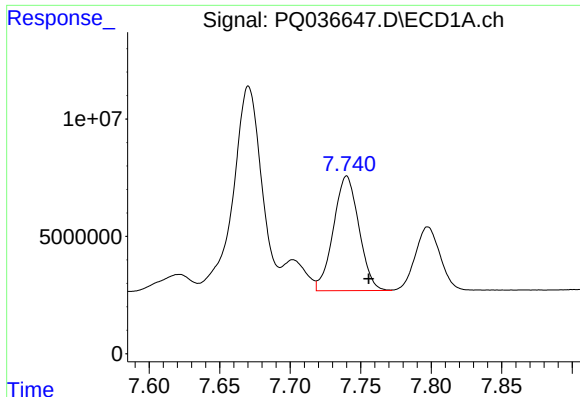
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: -0.015 min
Response: 98890849
Conc: 430.91 ng/ml



#32 AR-1260-2

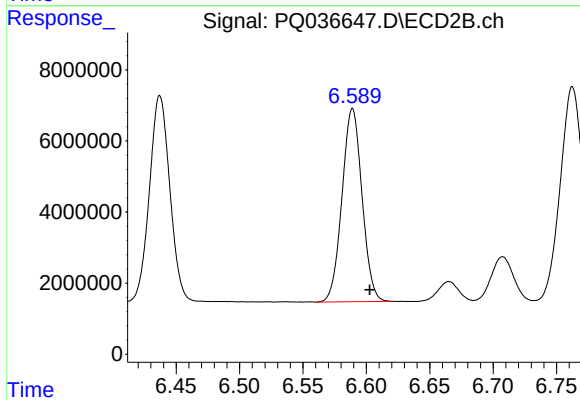
R.T.: 6.437 min
Delta R.T.: -0.014 min
Response: 64944713
Conc: 452.37 ng/ml



#33 AR-1260-3

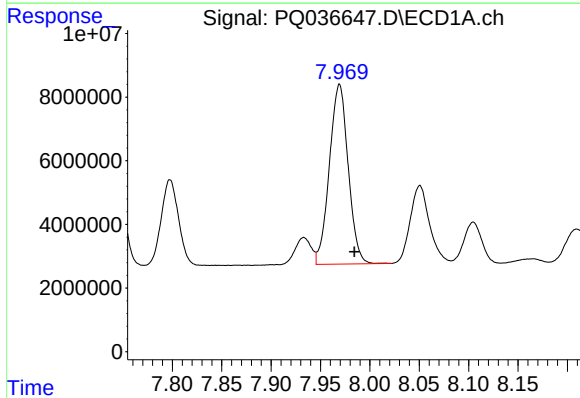
R.T.: 7.740 min
Delta R.T.: -0.016 min
Response: 61514055
Conc: 436.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



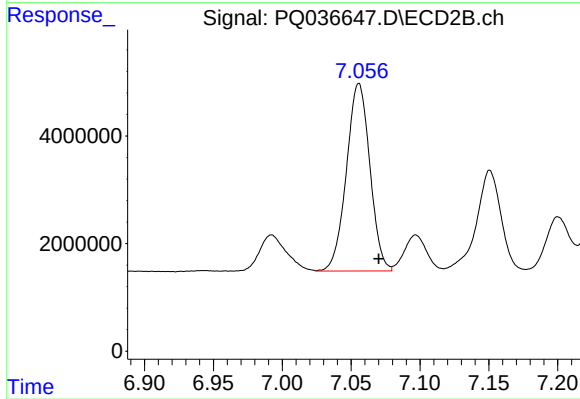
#33 AR-1260-3

R.T.: 6.589 min
Delta R.T.: -0.014 min
Response: 59792903
Conc: 452.85 ng/ml



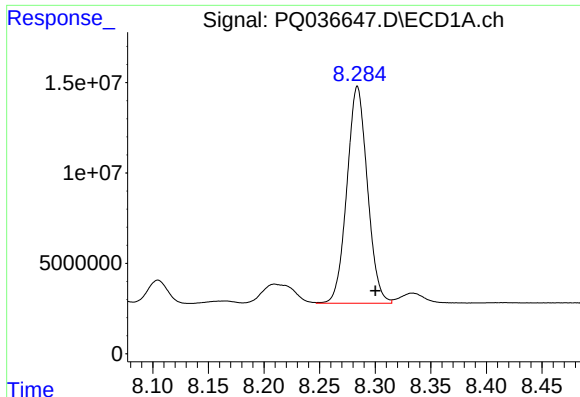
#34 AR-1260-4

R.T.: 7.969 min
Delta R.T.: -0.015 min
Response: 74816481
Conc: 433.91 ng/ml



#34 AR-1260-4

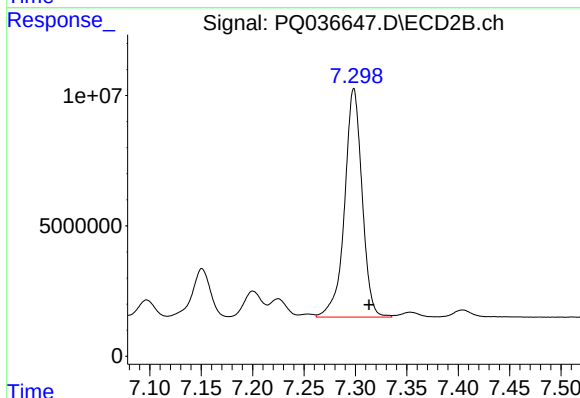
R.T.: 7.056 min
Delta R.T.: -0.014 min
Response: 41407078
Conc: 460.64 ng/ml



#35 AR-1260-5

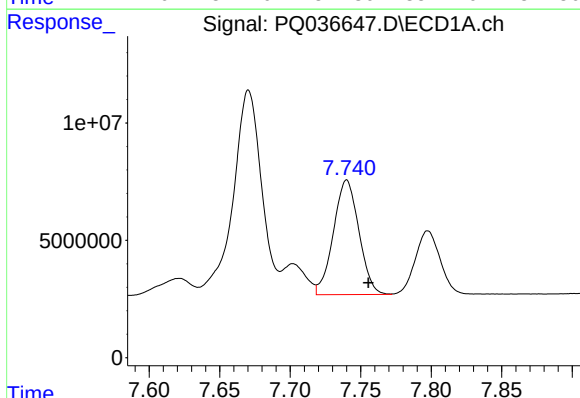
R.T.: 8.284 min
Delta R.T.: -0.016 min
Response: 153756944
Conc: 458.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



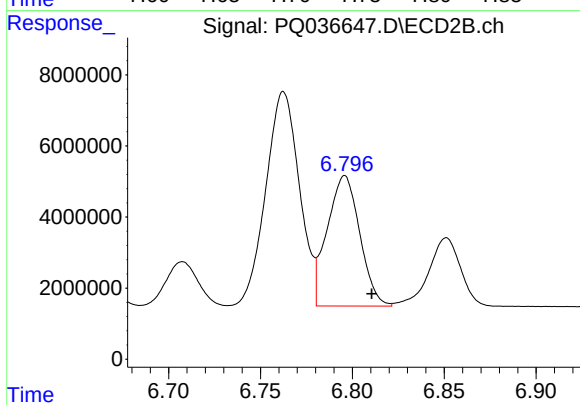
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: -0.015 min
Response: 104043481
Conc: 470.93 ng/ml



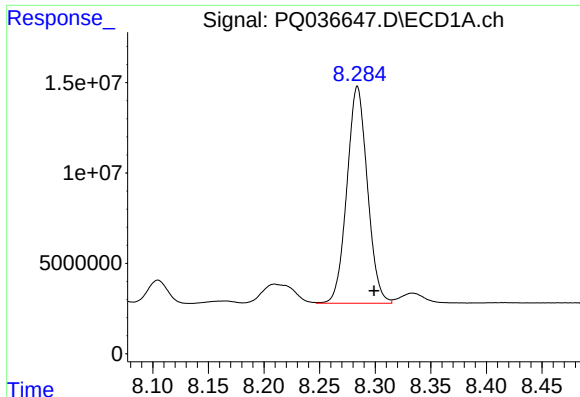
#36 AR-1262-1

R.T.: 7.740 min
Delta R.T.: -0.015 min
Response: 61514055
Conc: 262.49 ng/ml



#36 AR-1262-1

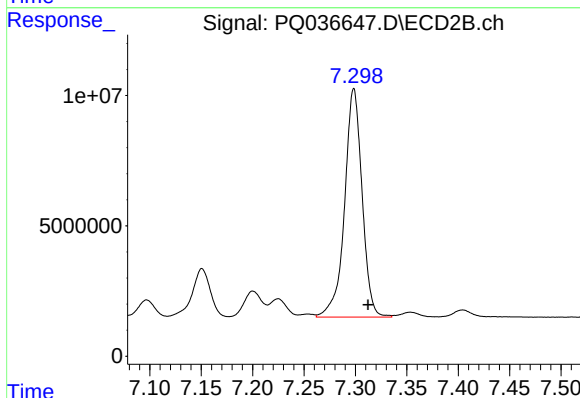
R.T.: 6.796 min
Delta R.T.: -0.015 min
Response: 45270595
Conc: 293.66 ng/ml



#37 AR-1262-2

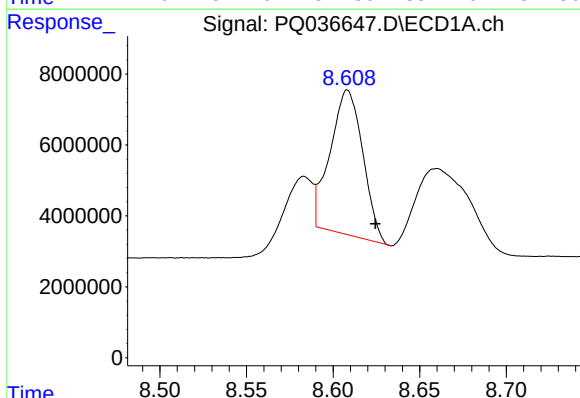
R.T.: 8.284 min
Delta R.T.: -0.015 min
Response: 153756944
Conc: 358.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



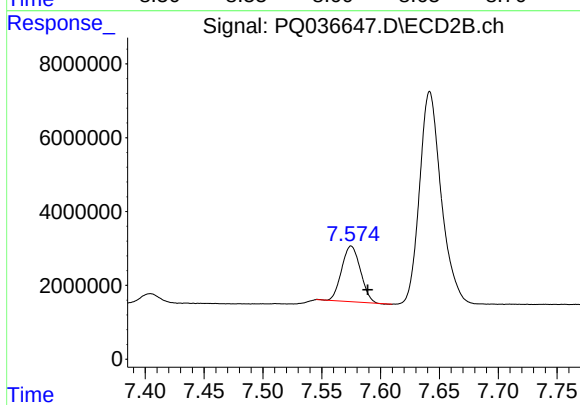
#37 AR-1262-2

R.T.: 7.298 min
Delta R.T.: -0.014 min
Response: 104043481
Conc: 373.74 ng/ml



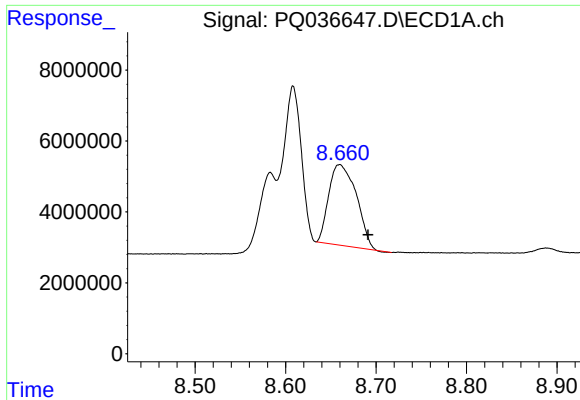
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: -0.016 min
Response: 53613901
Conc: 576.11 ng/ml



#38 AR-1262-3

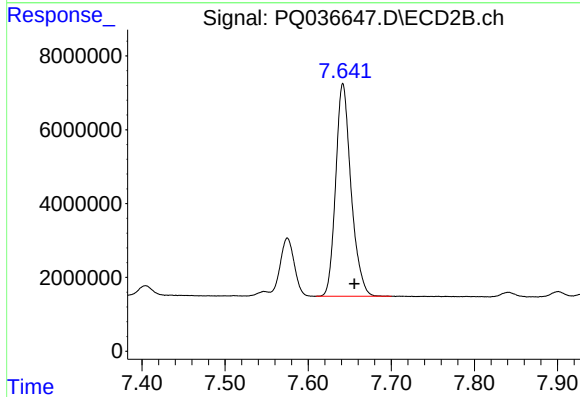
R.T.: 7.575 min
Delta R.T.: -0.014 min
Response: 16844821
Conc: 162.50 ng/ml



#39 AR-1262-4

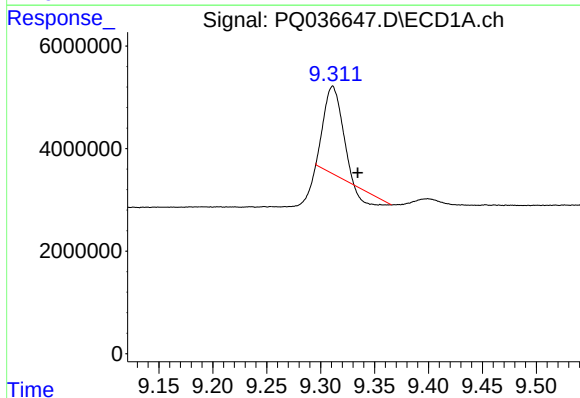
R.T.: 8.660 min
Delta R.T.: -0.031 min
Response: 48259773
Conc: 232.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



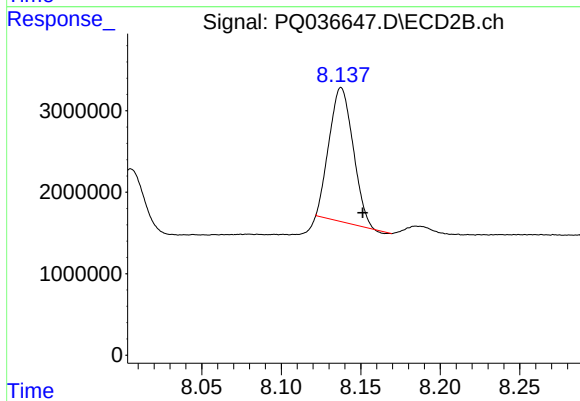
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: -0.014 min
Response: 73981351
Conc: 371.73 ng/ml



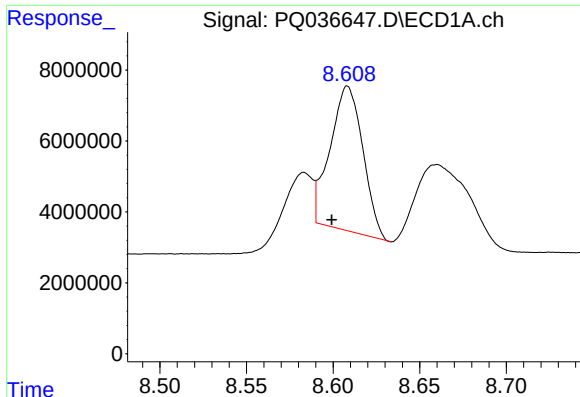
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: -0.023 min
Response: 17369195
Conc: 119.56 ng/ml



#40 AR-1262-5

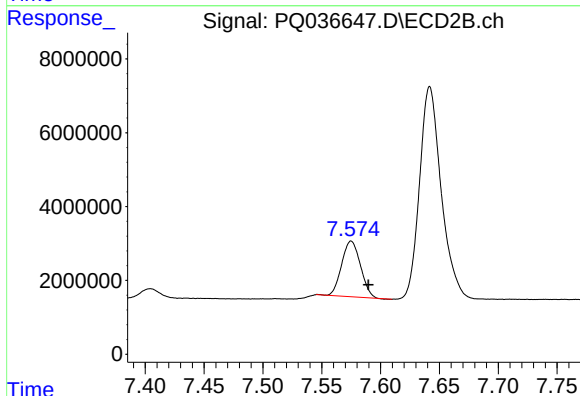
R.T.: 8.138 min
Delta R.T.: -0.014 min
Response: 17228000
Conc: 195.93 ng/ml



#41 AR-1268-1

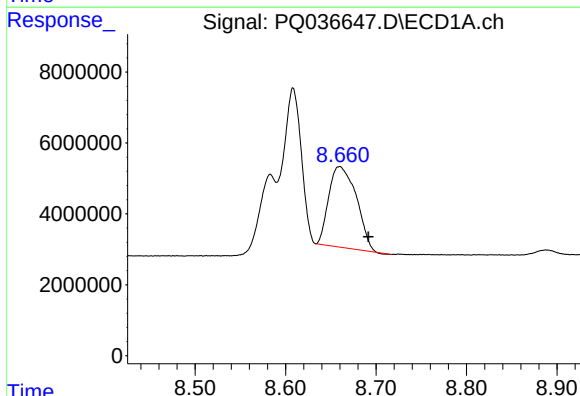
R.T.: 8.608 min
Delta R.T.: 0.009 min
Response: 53613901
Conc: 105.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



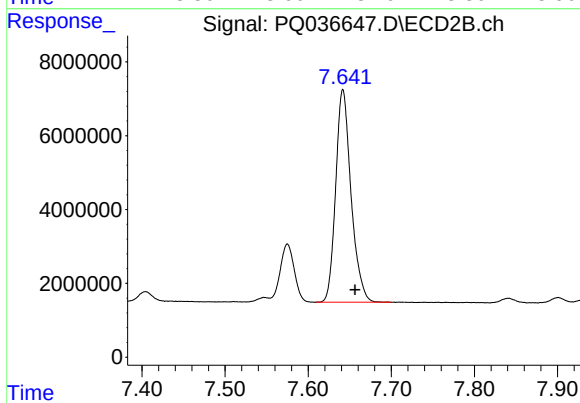
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: -0.015 min
Response: 16844821
Conc: 53.02 ng/ml



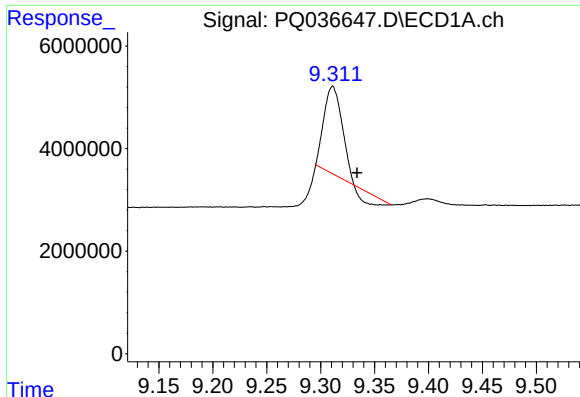
#42 AR-1268-2

R.T.: 8.660 min
Delta R.T.: -0.032 min
Response: 48259773
Conc: 100.92 ng/ml



#42 AR-1268-2

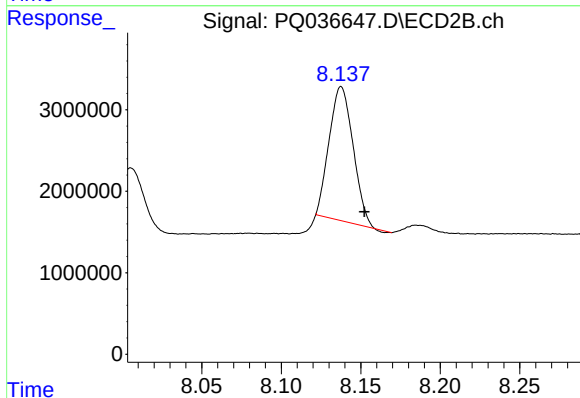
R.T.: 7.642 min
Delta R.T.: -0.015 min
Response: 73981351
Conc: 256.92 ng/ml



#44 AR-1268-4

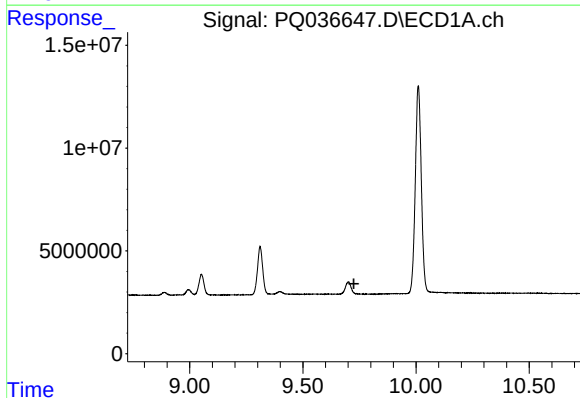
R.T.: 9.311 min
Delta R.T.: -0.023 min
Response: 17369195
Conc: 105.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



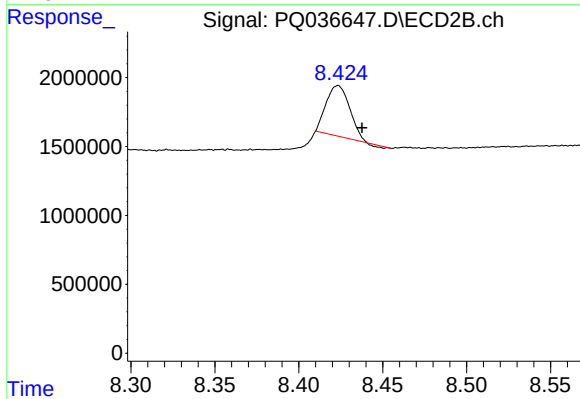
#44 AR-1268-4

R.T.: 8.138 min
Delta R.T.: -0.015 min
Response: 17228000
Conc: 173.27 ng/ml



#45 AR-1268-5

R.T.: 9.701 min
Delta R.T.: -0.024 min
Response: -428534
Conc: N.D.



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.014 min
Response: 3527003
Conc: 4.69 ng/ml