

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 06:29
 Operator : SM\AJ
 Sample : K3893-13DL 2X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BEP17DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 22:53:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.705	4.763	20463541	15677318	5.346	5.215
2)	SA Decachlor...	12.103	10.518	98888377	56595912	9.560	12.420 #
Target Compounds							
3)	L1 AR-1016-1	7.149	6.215	9892717	7857278	56.681	53.702
4)	L1 AR-1016-2	7.186	6.238	77421982	19951747	293.575	95.856 #
5)	L1 AR-1016-3	7.256	6.455	20927016	71452050	129.360	632.845 #
6)	L1 AR-1016-4	7.352	6.506	81428227	312.3E6	604.206	3425.820 #
7)	L1 AR-1016-5	7.690	6.758	490.8E6	434.0E6	3688.043	3611.187
10)	L2 AR-1221-3	0.000	5.361	0	128.6E6	N.D.	1213.930 #
11)	L3 AR-1232-1	0.000	5.361	0	128.6E6	N.D.	1695.275 #
12)	L3 AR-1232-2	6.833	6.238	28385912	19951747	574.850	213.569 #
13)	L3 AR-1232-3	7.186	6.455	77421982	71452050	684.054	1484.469 #
14)	L3 AR-1232-4	7.352	6.554	81428227	261.5E6	1377.619	6065.580 #
15)	L3 AR-1232-5	7.462	6.758	358.7E6	434.0E6	9718.925	8972.102
16)	L4 AR-1242-1	7.149	6.215	9892717	7857278	78.978	74.449
17)	L4 AR-1242-2	7.186	6.238	77421982	19951747	406.556	128.666 #
18)	L4 AR-1242-3	7.256	6.455	20927016	71452050	176.997	856.199 #
19)	L4 AR-1242-4	7.352	6.554	81428227	261.5E6	830.748	3210.753 #
20)	L4 AR-1242-5	8.179	7.167	435.9E6	414.5E6	3287.548	3320.466
21)	L5 AR-1248-1	7.149	6.215	9892717	7857278	106.650	97.827
22)	L5 AR-1248-2	7.462	6.506	358.7E6	312.3E6	2914.689	2788.161
23)	L5 AR-1248-3	7.690	6.554	490.8E6	261.5E6	3125.200	2265.624 #
24)	L5 AR-1248-4	8.137	6.758	262.8E6	434.0E6	1216.513	2998.115 #
25)	L5 AR-1248-5	8.179	7.213	435.9E6	321.0E6	2046.644	1907.387
26)	L6 AR-1254-1	8.107	7.167	247.2E6	414.5E6	1219.355	1629.902 #
27)	L6 AR-1254-2	8.346	7.334	477.7E6	238.8E6	1383.127	1043.734
28)	L6 AR-1254-3	8.738	7.781	510.8E6	474.6E6	1232.787	1169.341
29)	L6 AR-1254-4	9.040	8.030	357.9E6	286.4E6	988.774	1048.181
30)	L6 AR-1254-5	9.478	8.476	301.0E6	236.0E6	749.709	591.184
31)	L7 AR-1260-1	8.911	7.937	119.3E6	231.5E6	394.857	870.496 #
32)	L7 AR-1260-2	9.179	8.125	220.8E6	124.9E6	481.714	344.114 #
33)	L7 AR-1260-3	9.555	8.289	97477963	126.6E6	229.582	403.094 #
34)	L7 AR-1260-4	9.791	8.788	203.6E6	56552268	483.590	198.652 #
35)	L7 AR-1260-5	10.146	9.038	297.1E6	234.1E6	278.034	314.794
36)	L8 AR-1262-1	9.614	8.572	59020173	40757857	240.393	211.906
37)	L8 AR-1262-2	10.146	9.038	297.1E6	234.1E6	244.643	278.611
38)	L8 AR-1262-3	10.502	9.331	183.8E6	55790082	220.501	158.620 #
39)	L8 AR-1262-4	10.580	9.398	67970049	139.2E6	104.334	236.774 #
40)	L8 AR-1262-5	11.291	9.922	88484586	61283648	193.569	255.398 #
41)	L9 AR-1268-1	10.502	9.331	183.8E6	55790082	101.829	48.828 #
42)	L9 AR-1268-2	10.580	9.398	67970049	139.2E6	42.597	143.200 #
43)	L9 AR-1268-3	10.829	9.607	8519830	10623699	6.061	13.309 #
44)	L9 AR-1268-4	11.291	9.922	88484586	61283648	155.880	199.704 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 06:29
 Operator : SM\AJ
 Sample : K3893-13DL 2X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

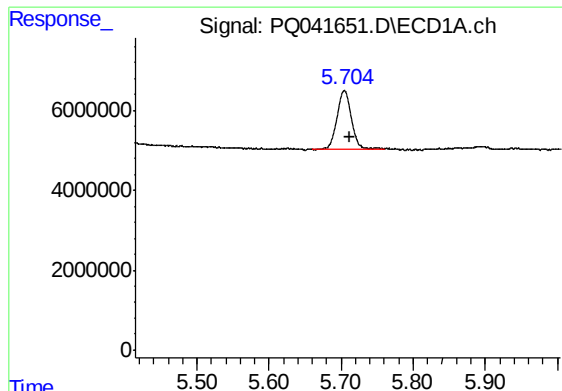
Instrument :
 ECD_Q
 ClientSampleId :
 BEP17DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 22:53:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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
45) L9	AR-1268-5	11.742	10.239	29755980	24765932	6.869	12.535 #

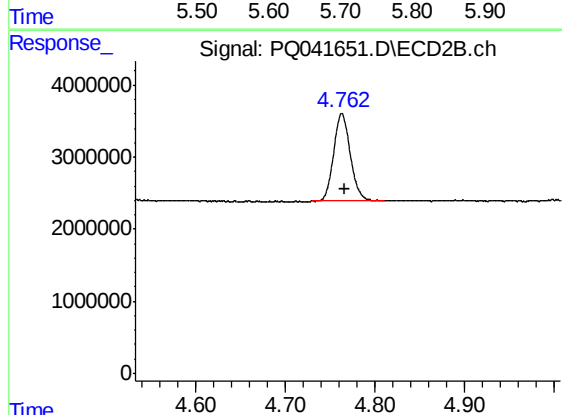
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

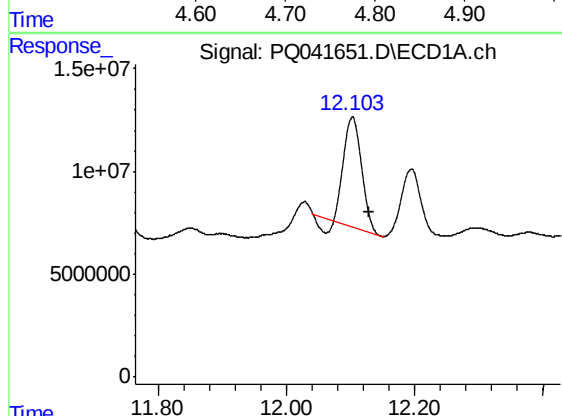
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 20463541
Conc: 5.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



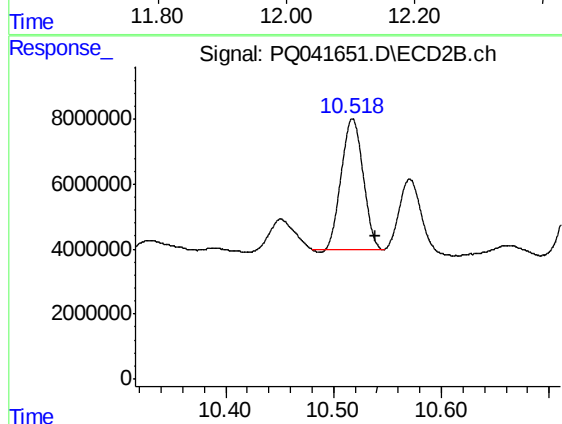
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 15677318
Conc: 5.22 ng/ml



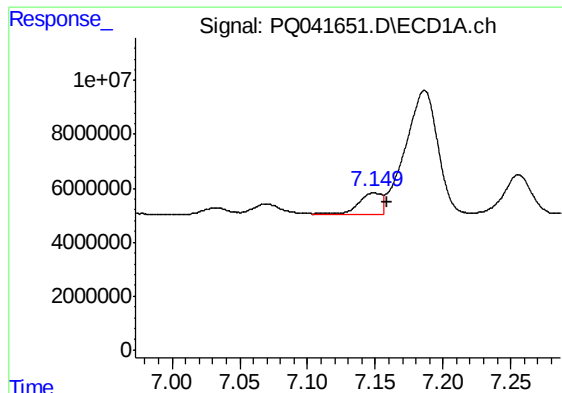
#2 Decachlorobiphenyl

R.T.: 12.103 min
Delta R.T.: -0.027 min
Response: 98888377
Conc: 9.56 ng/ml



#2 Decachlorobiphenyl

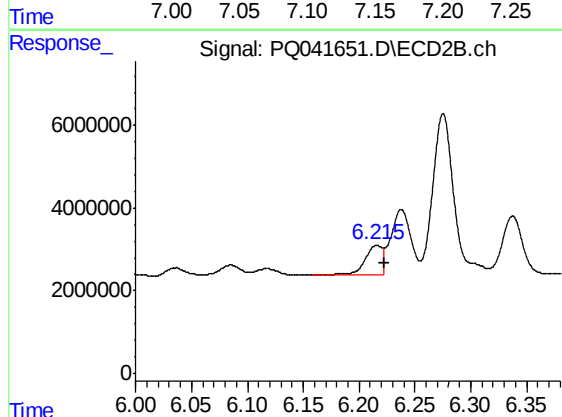
R.T.: 10.518 min
Delta R.T.: -0.021 min
Response: 56595912
Conc: 12.42 ng/ml



#3 AR-1016-1

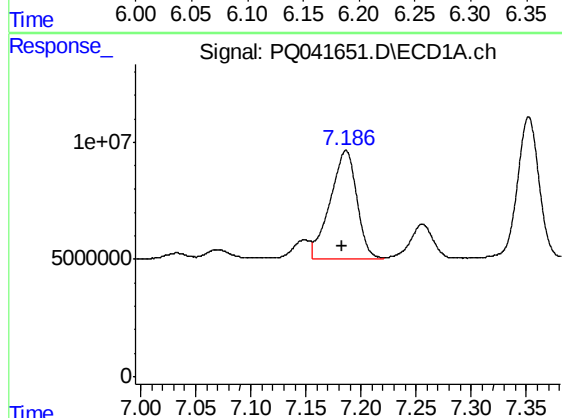
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 9892717
Conc: 56.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



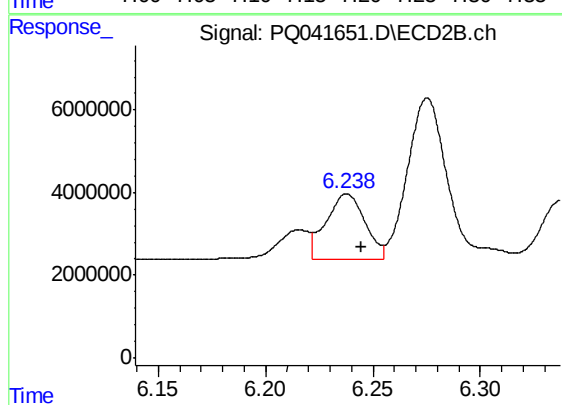
#3 AR-1016-1

R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 7857278
Conc: 53.70 ng/ml



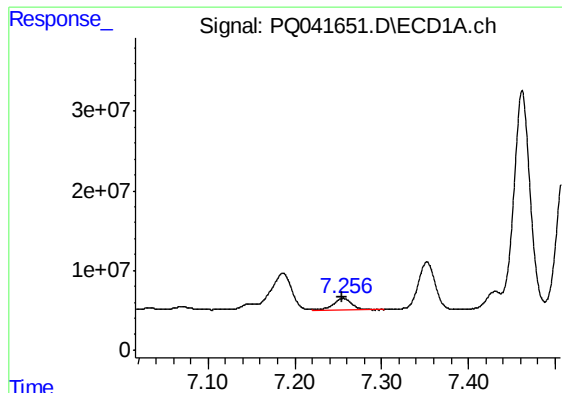
#4 AR-1016-2

R.T.: 7.186 min
Delta R.T.: 0.003 min
Response: 77421982
Conc: 293.57 ng/ml



#4 AR-1016-2

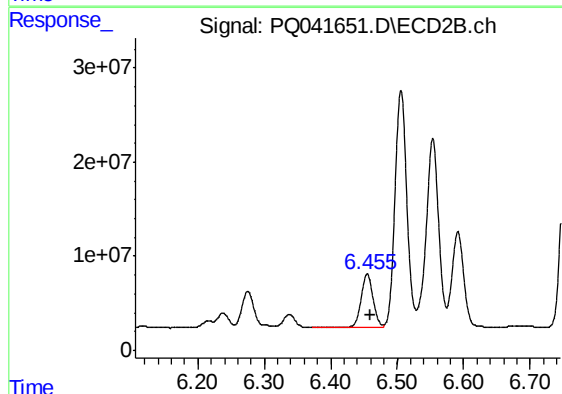
R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 19951747
Conc: 95.86 ng/ml



#5 AR-1016-3

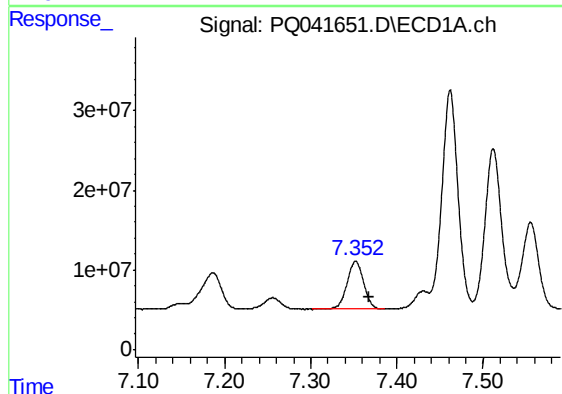
R.T.: 7.256 min
Delta R.T.: 0.001 min
Response: 20927016
Conc: 129.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



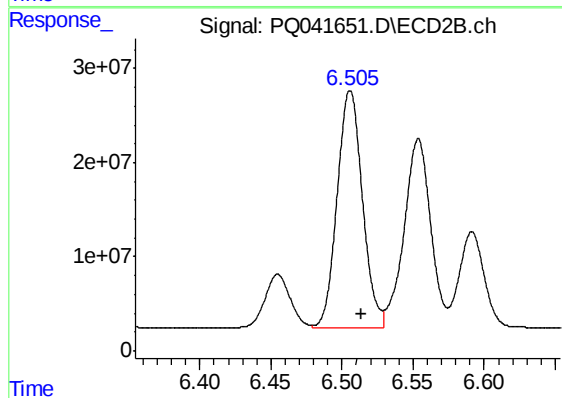
#5 AR-1016-3

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 71452050
Conc: 632.85 ng/ml



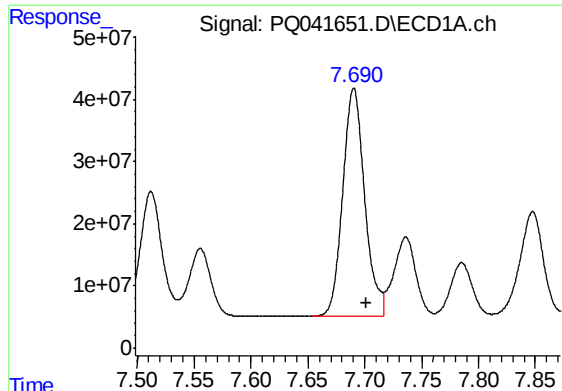
#6 AR-1016-4

R.T.: 7.352 min
Delta R.T.: -0.015 min
Response: 81428227
Conc: 604.21 ng/ml



#6 AR-1016-4

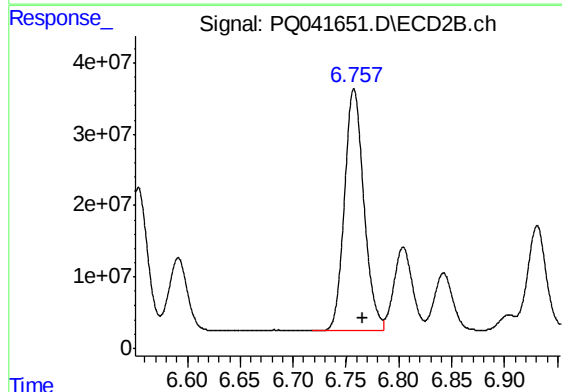
R.T.: 6.506 min
Delta R.T.: -0.008 min
Response: 312315742
Conc: 3425.82 ng/ml



#7 AR-1016-5

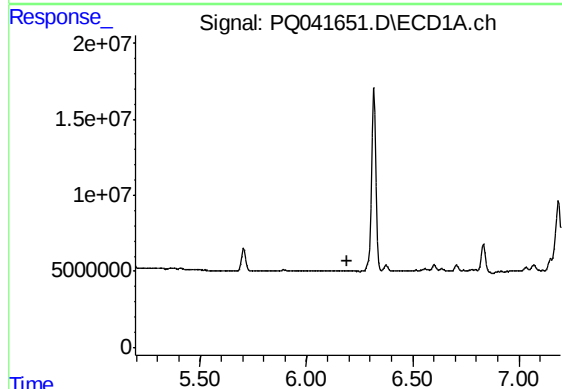
R.T.: 7.690 min
Delta R.T.: -0.011 min
Response: 490767455
Conc: 3688.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



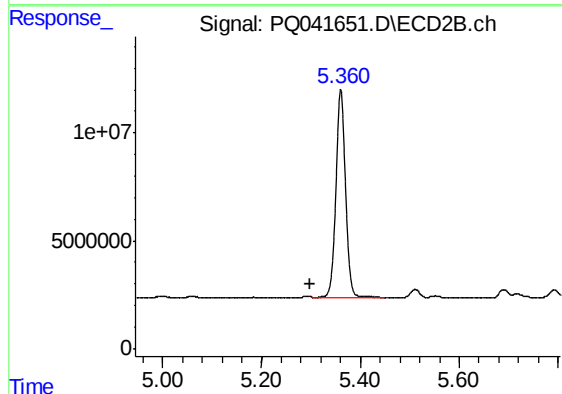
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 433994792
Conc: 3611.19 ng/ml



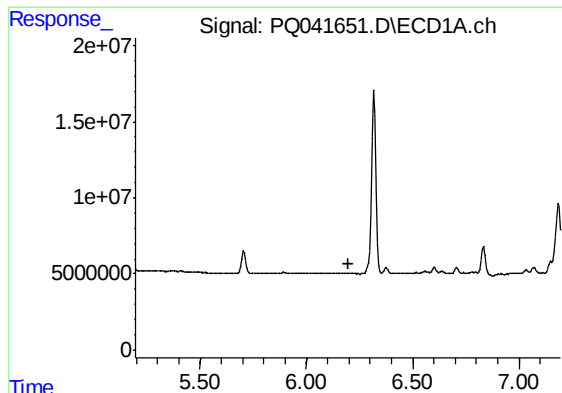
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

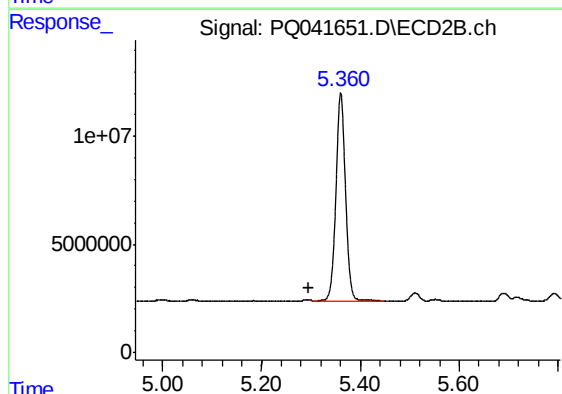
R.T.: 5.361 min
Delta R.T.: 0.063 min
Response: 128608851
Conc: 1213.93 ng/ml



#11 AR-1232-1

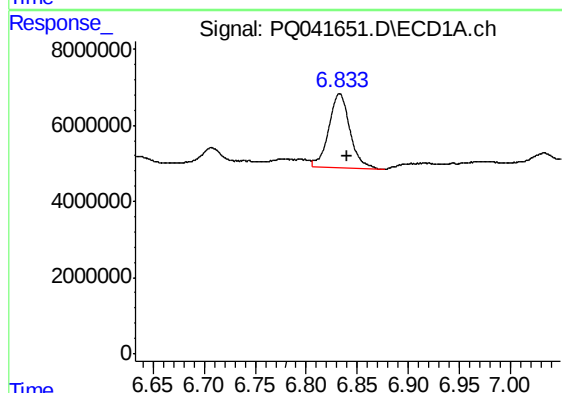
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



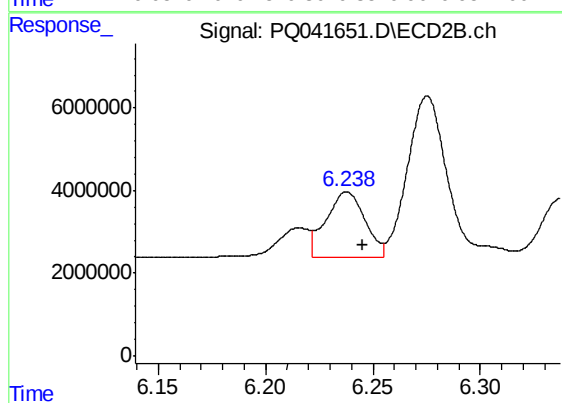
#11 AR-1232-1

R.T.: 5.361 min
Delta R.T.: 0.063 min
Response: 128608851
Conc: 1695.28 ng/ml



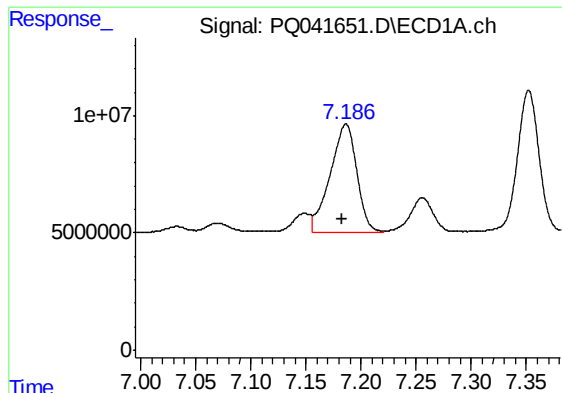
#12 AR-1232-2

R.T.: 6.833 min
Delta R.T.: -0.008 min
Response: 28385912
Conc: 574.85 ng/ml



#12 AR-1232-2

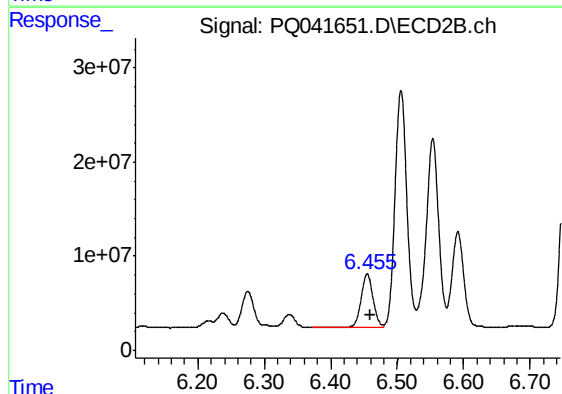
R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 19951747
Conc: 213.57 ng/ml



#13 AR-1232-3

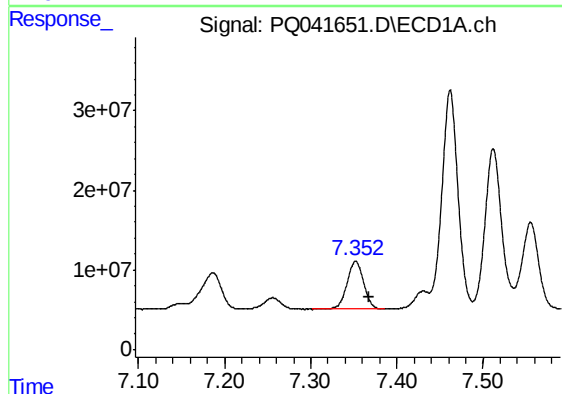
R.T.: 7.186 min
Delta R.T.: 0.003 min
Response: 77421982
Conc: 684.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



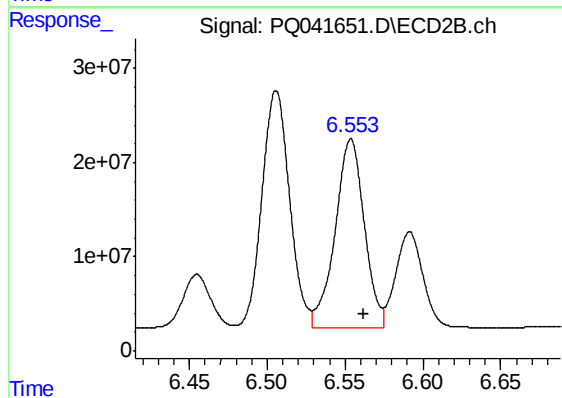
#13 AR-1232-3

R.T.: 6.455 min
Delta R.T.: -0.004 min
Response: 71452050
Conc: 1484.47 ng/ml



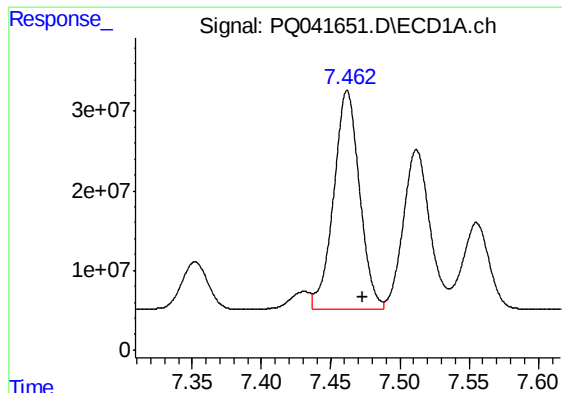
#14 AR-1232-4

R.T.: 7.352 min
Delta R.T.: -0.015 min
Response: 81428227
Conc: 1377.62 ng/ml



#14 AR-1232-4

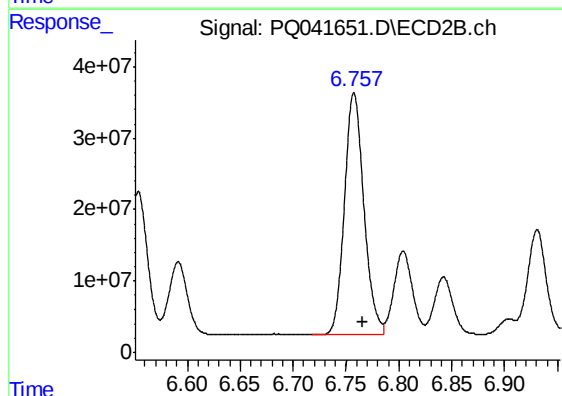
R.T.: 6.554 min
Delta R.T.: -0.009 min
Response: 261515506
Conc: 6065.58 ng/ml



#15 AR-1232-5

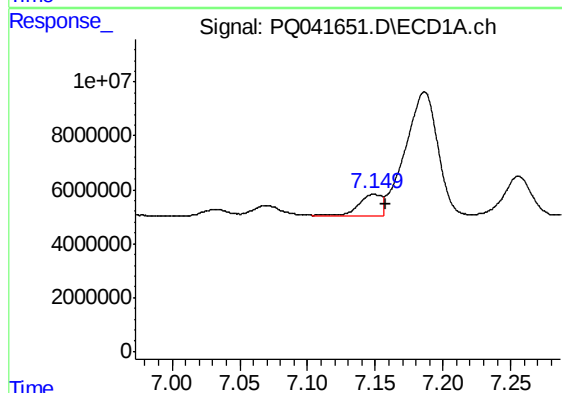
R.T.: 7.462 min
Delta R.T.: -0.011 min
Response: 358675926
Conc: 9718.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



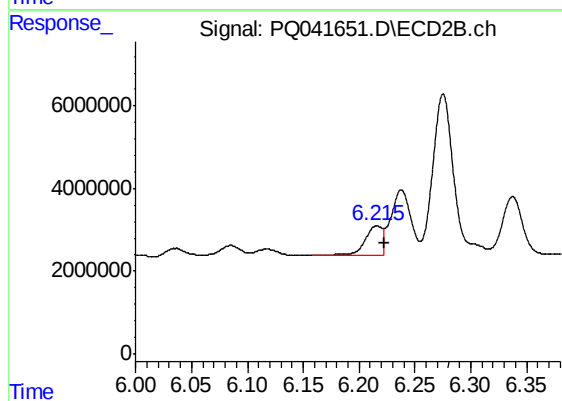
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 433994792
Conc: 8972.10 ng/ml



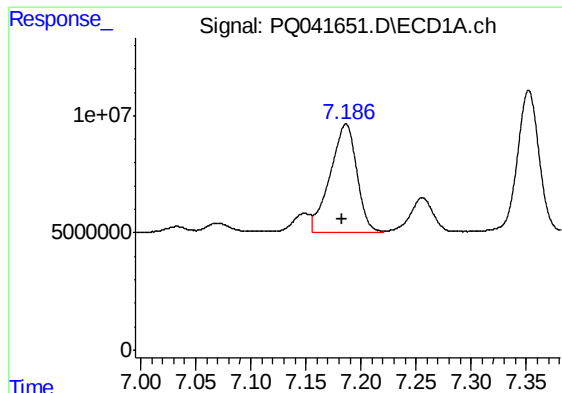
#16 AR-1242-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 9892717
Conc: 78.98 ng/ml



#16 AR-1242-1

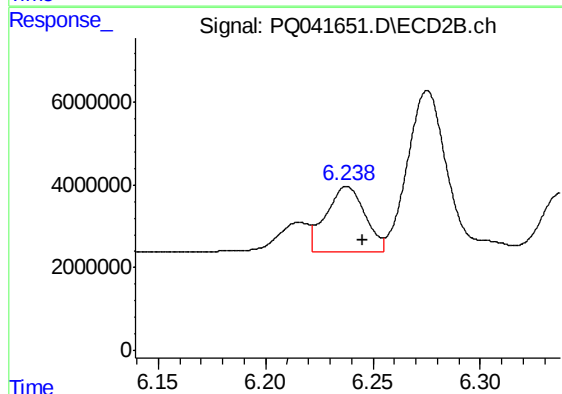
R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 7857278
Conc: 74.45 ng/ml



#17 AR-1242-2

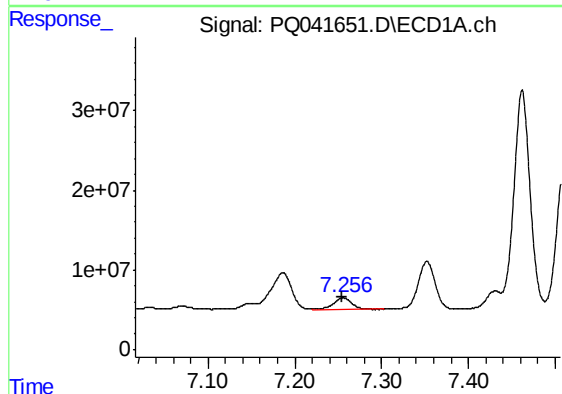
R.T.: 7.186 min
Delta R.T.: 0.004 min
Response: 77421982
Conc: 406.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



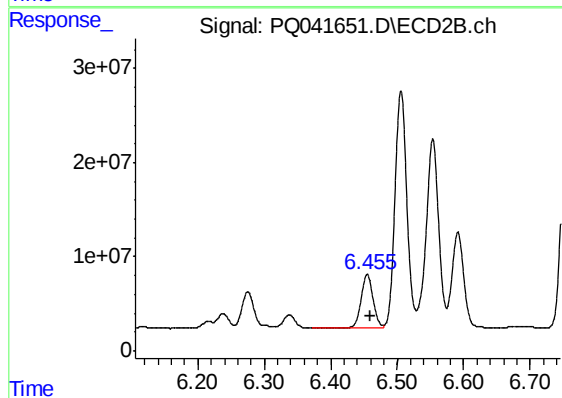
#17 AR-1242-2

R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 19951747
Conc: 128.67 ng/ml



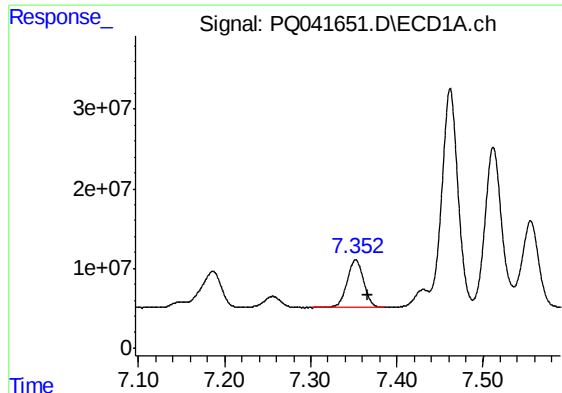
#18 AR-1242-3

R.T.: 7.256 min
Delta R.T.: 0.002 min
Response: 20927016
Conc: 177.00 ng/ml



#18 AR-1242-3

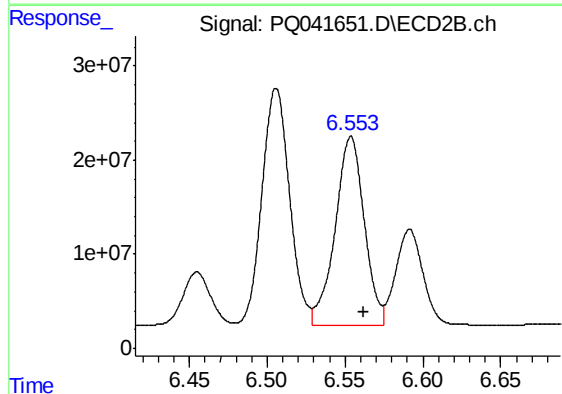
R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 71452050
Conc: 856.20 ng/ml



#19 AR-1242-4

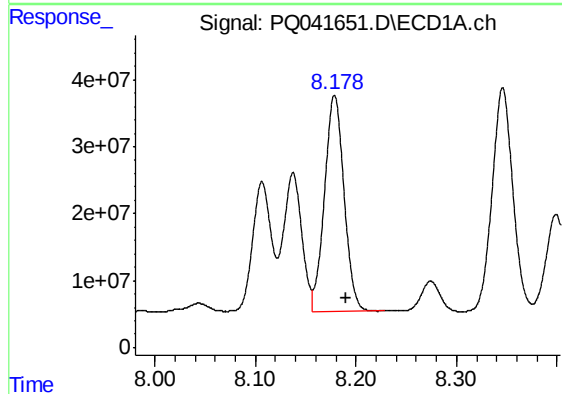
R.T.: 7.352 min
Delta R.T.: -0.015 min
Response: 81428227
Conc: 830.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



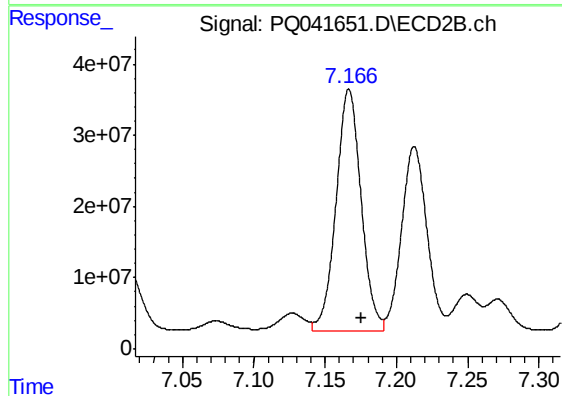
#19 AR-1242-4

R.T.: 6.554 min
Delta R.T.: -0.009 min
Response: 261515506
Conc: 3210.75 ng/ml



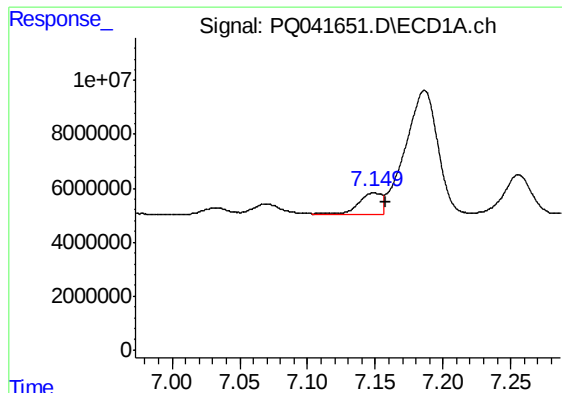
#20 AR-1242-5

R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 435851939
Conc: 3287.55 ng/ml



#20 AR-1242-5

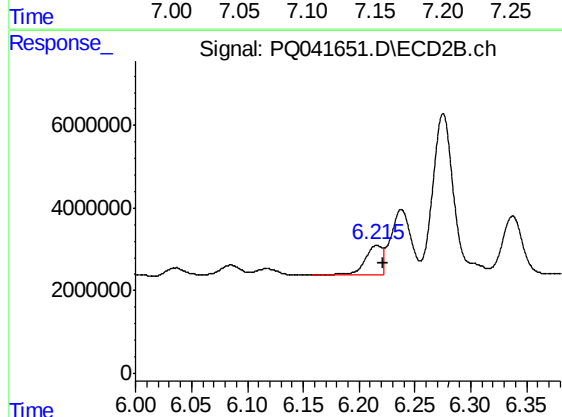
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 414492360
Conc: 3320.47 ng/ml



#21 AR-1248-1

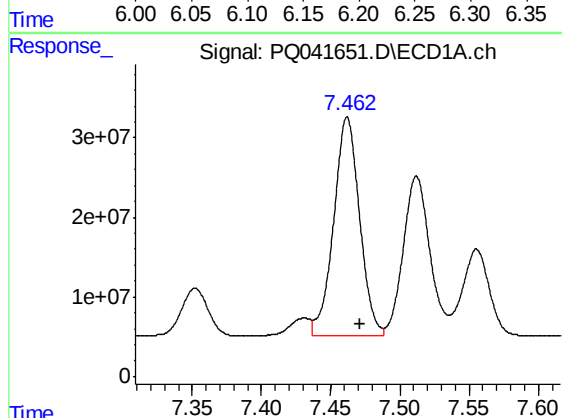
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 9892717
Conc: 106.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



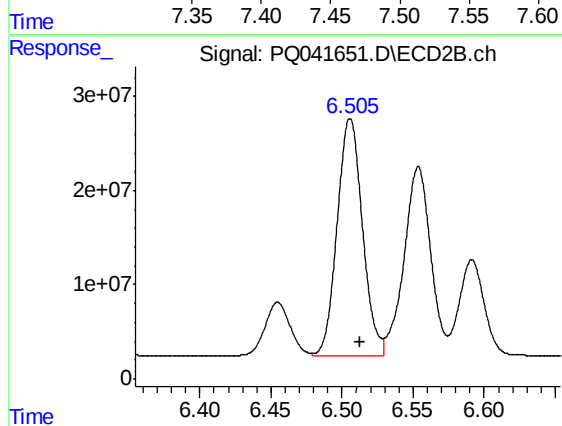
#21 AR-1248-1

R.T.: 6.215 min
Delta R.T.: -0.006 min
Response: 7857278
Conc: 97.83 ng/ml



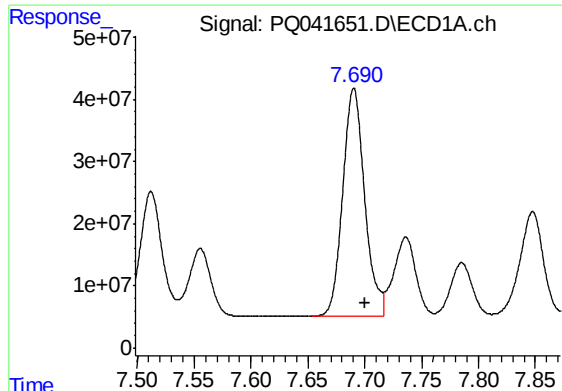
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: -0.009 min
Response: 358675926
Conc: 2914.69 ng/ml



#22 AR-1248-2

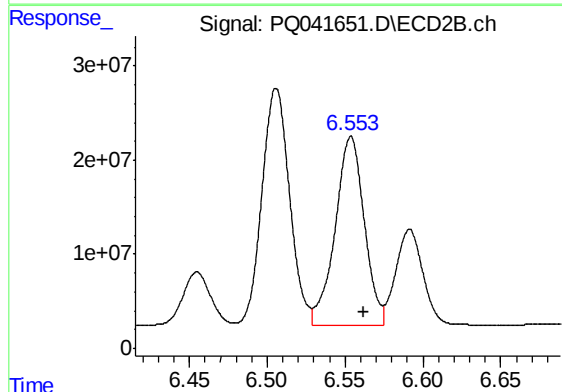
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 312315742
Conc: 2788.16 ng/ml



#23 AR-1248-3

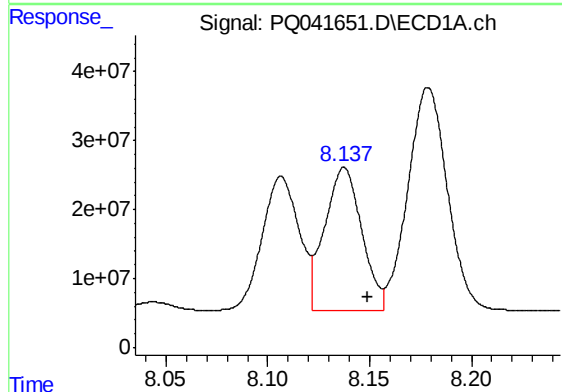
R.T.: 7.690 min
Delta R.T.: -0.010 min
Response: 490767455
Conc: 3125.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



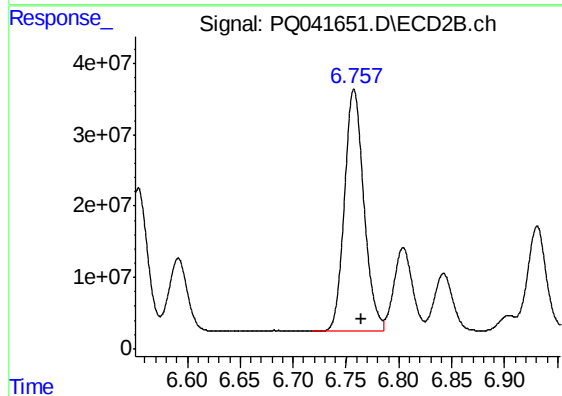
#23 AR-1248-3

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 261515506
Conc: 2265.62 ng/ml



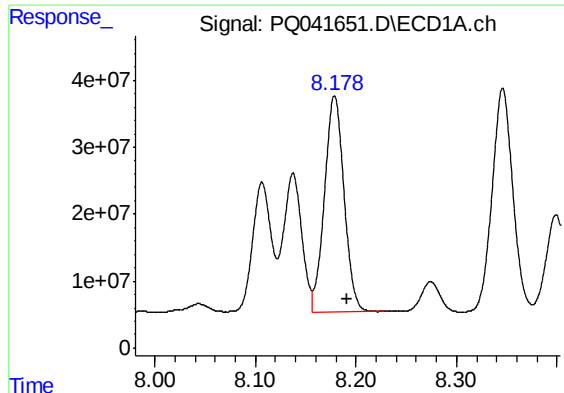
#24 AR-1248-4

R.T.: 8.137 min
Delta R.T.: -0.011 min
Response: 262777932
Conc: 1216.51 ng/ml



#24 AR-1248-4

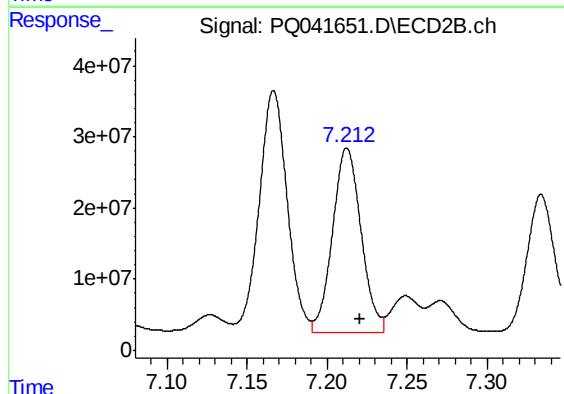
R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 433994792
Conc: 2998.12 ng/ml



#25 AR-1248-5

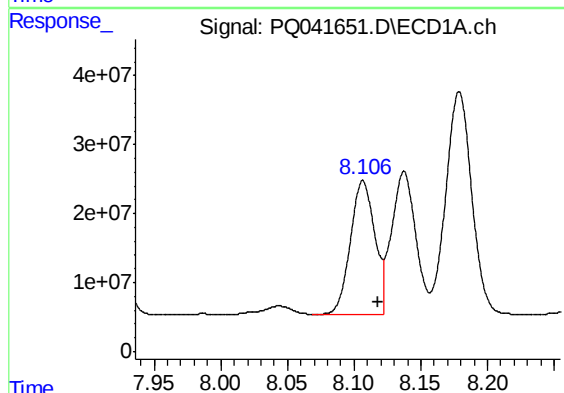
R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 435851939
Conc: 2046.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



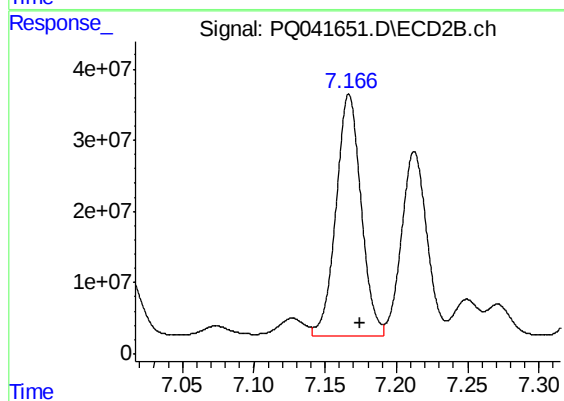
#25 AR-1248-5

R.T.: 7.213 min
Delta R.T.: -0.009 min
Response: 320978403
Conc: 1907.39 ng/ml



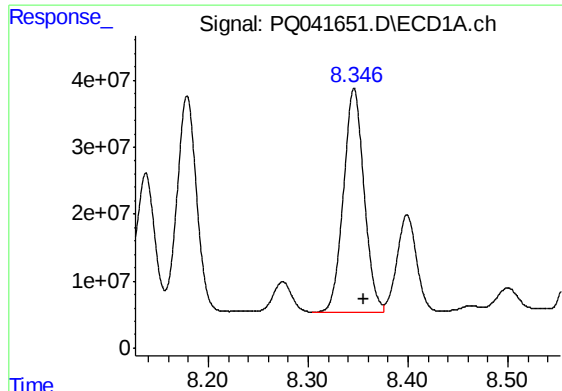
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 247165183
Conc: 1219.35 ng/ml



#26 AR-1254-1

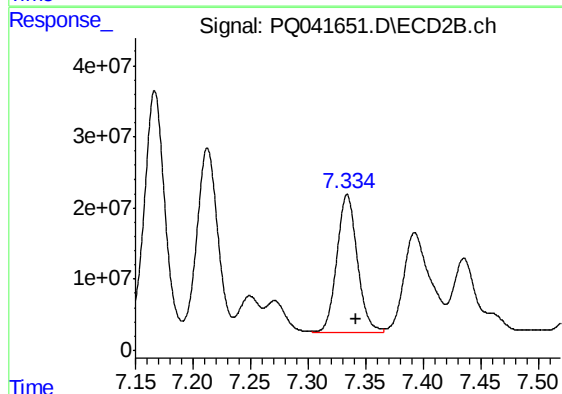
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 414492360
Conc: 1629.90 ng/ml



#27 AR-1254-2

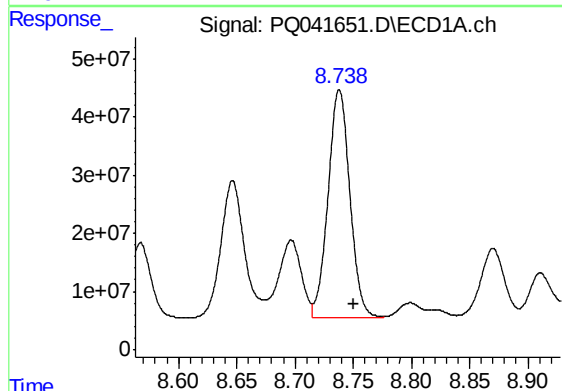
R.T.: 8.346 min
Delta R.T.: -0.010 min
Response: 477723398
Conc: 1383.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



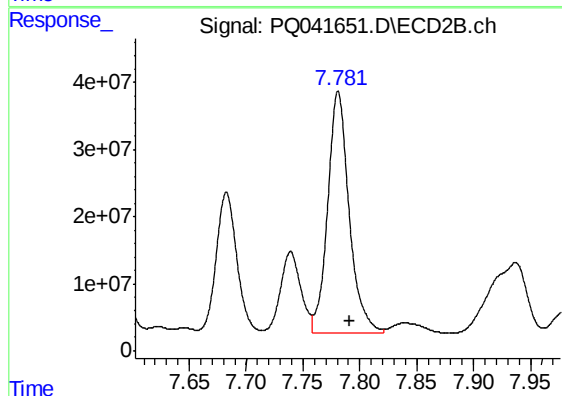
#27 AR-1254-2

R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 238793375
Conc: 1043.73 ng/ml



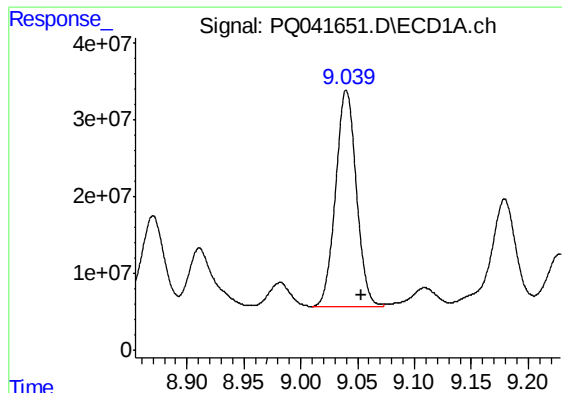
#28 AR-1254-3

R.T.: 8.738 min
Delta R.T.: -0.012 min
Response: 510848817
Conc: 1232.79 ng/ml



#28 AR-1254-3

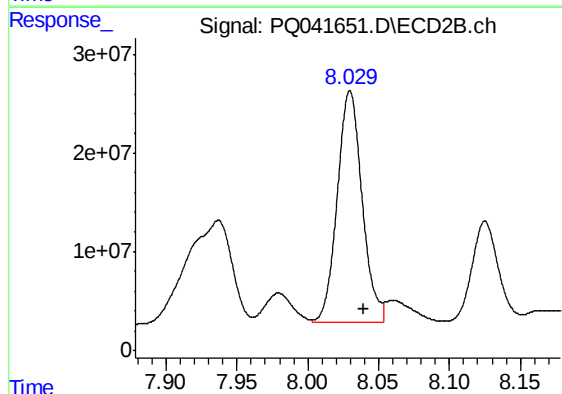
R.T.: 7.781 min
Delta R.T.: -0.010 min
Response: 474623007
Conc: 1169.34 ng/ml



#29 AR-1254-4

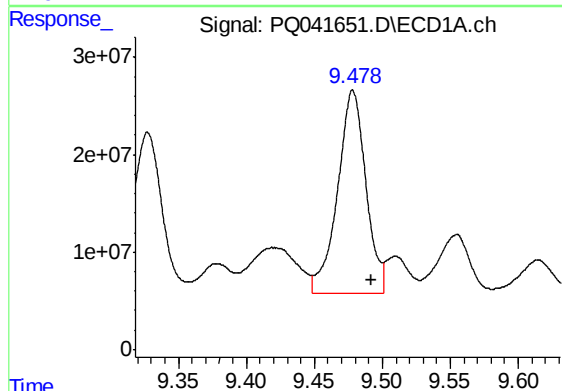
R.T.: 9.040 min
Delta R.T.: -0.013 min
Response: 357863504
Conc: 988.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



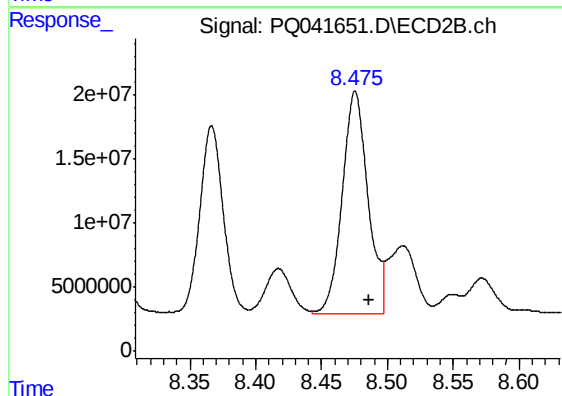
#29 AR-1254-4

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 286353765
Conc: 1048.18 ng/ml



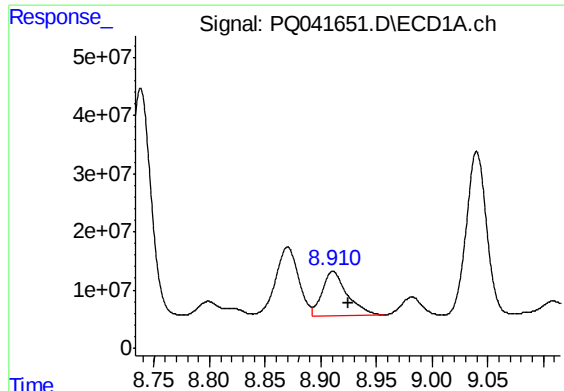
#30 AR-1254-5

R.T.: 9.478 min
Delta R.T.: -0.013 min
Response: 301030096
Conc: 749.71 ng/ml



#30 AR-1254-5

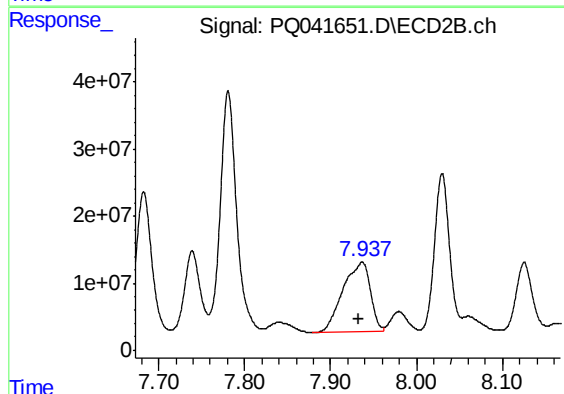
R.T.: 8.476 min
Delta R.T.: -0.010 min
Response: 236043937
Conc: 591.18 ng/ml



#31 AR-1260-1

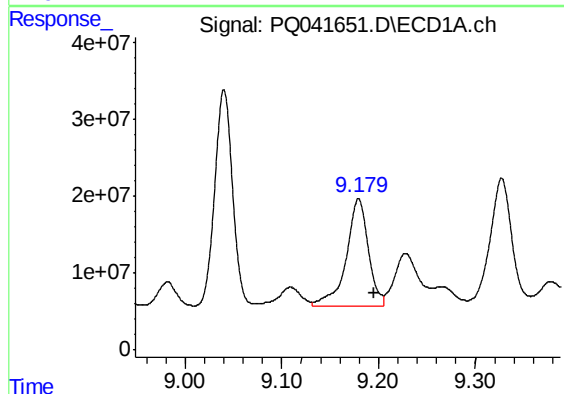
R.T.: 8.911 min
Delta R.T.: -0.014 min
Response: 119291358
Conc: 394.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



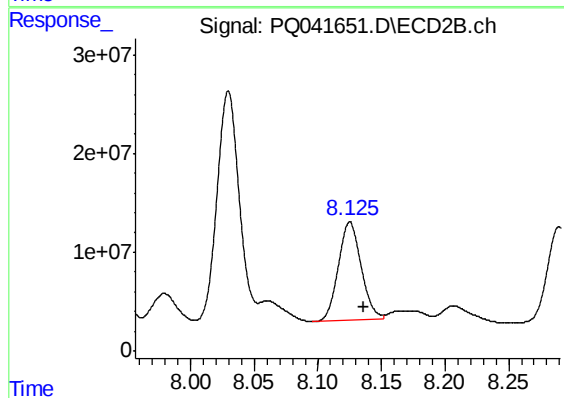
#31 AR-1260-1

R.T.: 7.937 min
Delta R.T.: 0.003 min
Response: 231512254
Conc: 870.50 ng/ml



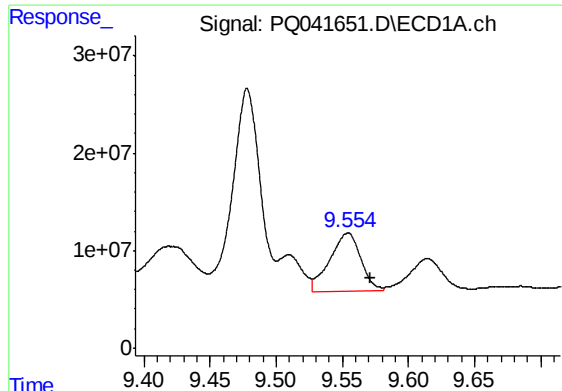
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.017 min
Response: 220802378
Conc: 481.71 ng/ml



#32 AR-1260-2

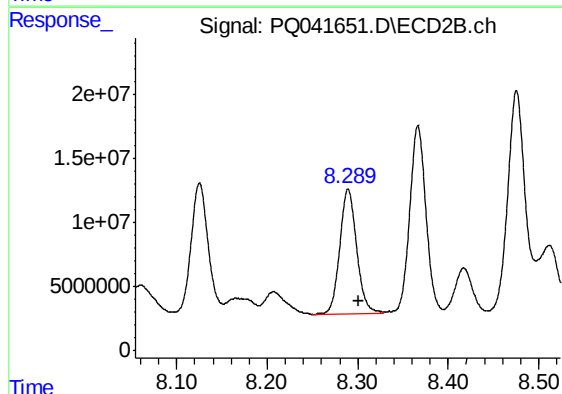
R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 124861740
Conc: 344.11 ng/ml



#33 AR-1260-3

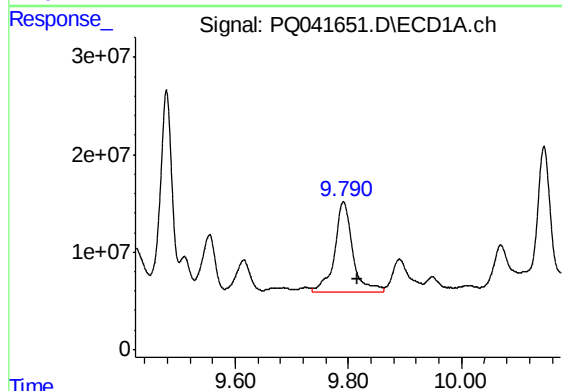
R.T.: 9.555 min
Delta R.T.: -0.017 min
Response: 97477963
Conc: 229.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



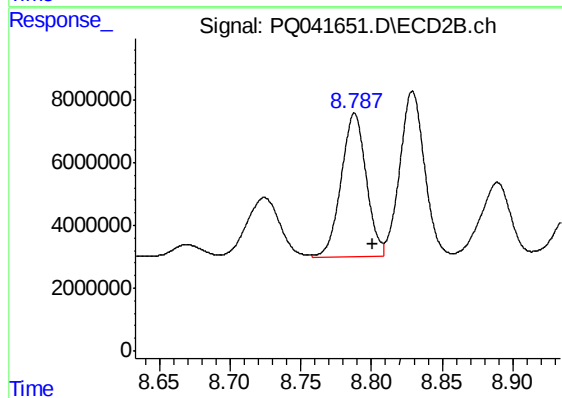
#33 AR-1260-3

R.T.: 8.289 min
Delta R.T.: -0.012 min
Response: 126580053
Conc: 403.09 ng/ml



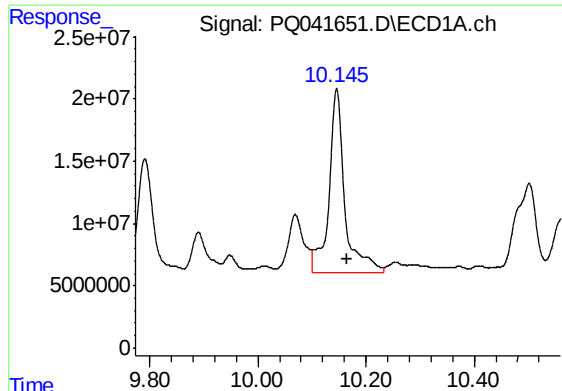
#34 AR-1260-4

R.T.: 9.791 min
Delta R.T.: -0.025 min
Response: 203566425
Conc: 483.59 ng/ml



#34 AR-1260-4

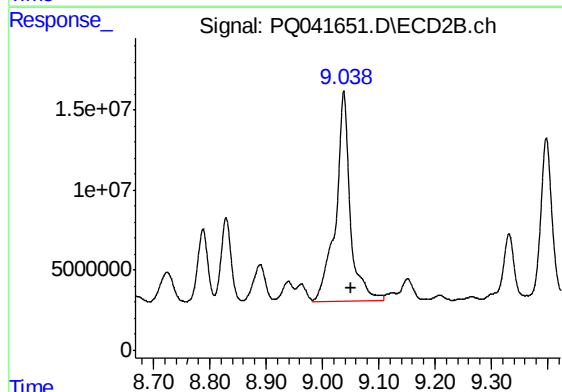
R.T.: 8.788 min
Delta R.T.: -0.013 min
Response: 56552268
Conc: 198.65 ng/ml



#35 AR-1260-5

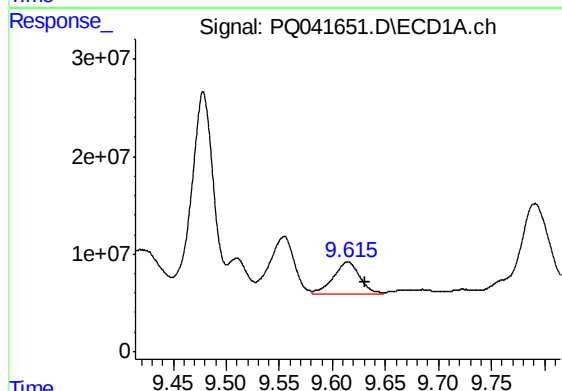
R.T.: 10.146 min
Delta R.T.: -0.019 min
Response: 297102381
Conc: 278.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



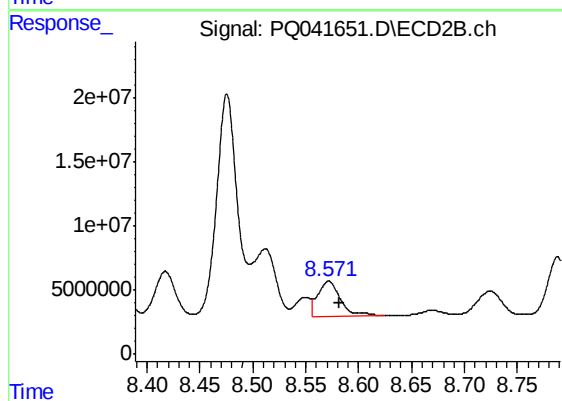
#35 AR-1260-5

R.T.: 9.038 min
Delta R.T.: -0.014 min
Response: 234075920
Conc: 314.79 ng/ml



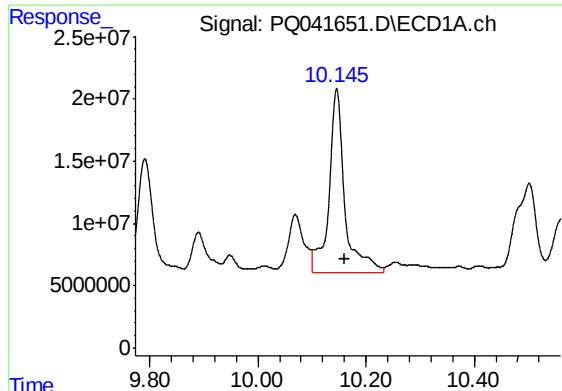
#36 AR-1262-1

R.T.: 9.614 min
Delta R.T.: -0.016 min
Response: 59020173
Conc: 240.39 ng/ml



#36 AR-1262-1

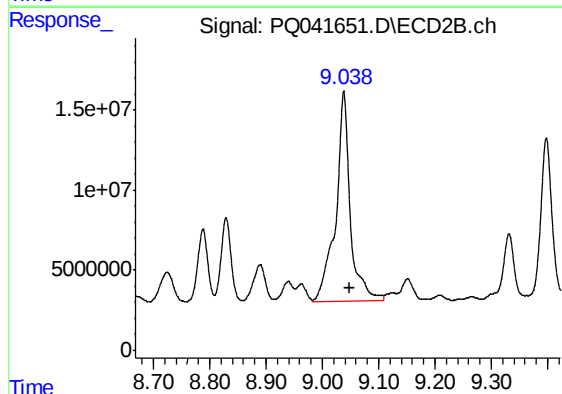
R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 40757857
Conc: 211.91 ng/ml



#37 AR-1262-2

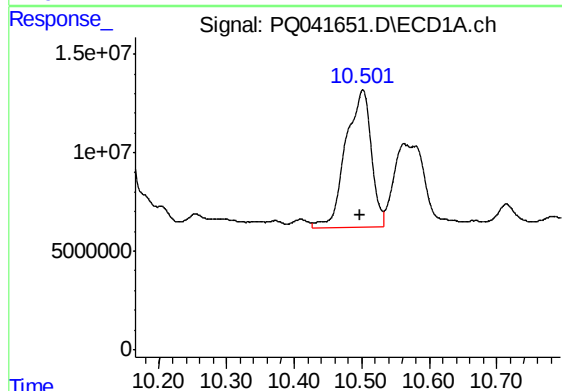
R.T.: 10.146 min
Delta R.T.: -0.016 min
Response: 297102381
Conc: 244.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



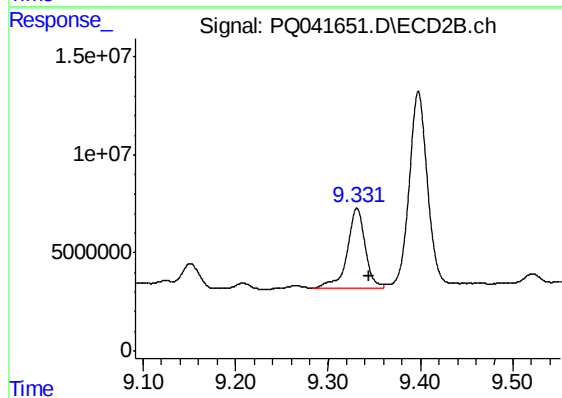
#37 AR-1262-2

R.T.: 9.038 min
Delta R.T.: -0.012 min
Response: 234075920
Conc: 278.61 ng/ml



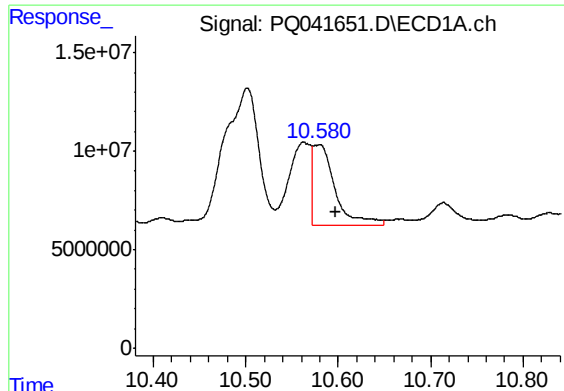
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.004 min
Response: 183762772
Conc: 220.50 ng/ml



#38 AR-1262-3

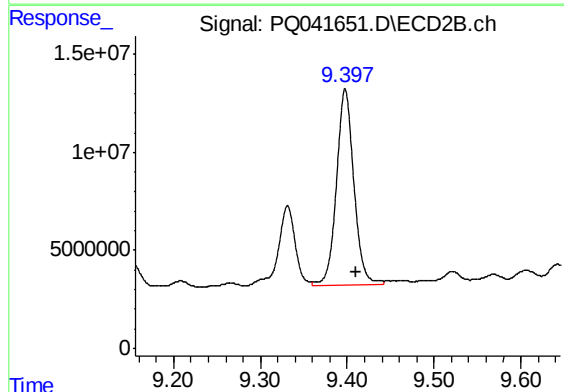
R.T.: 9.331 min
Delta R.T.: -0.013 min
Response: 55790082
Conc: 158.62 ng/ml



#39 AR-1262-4

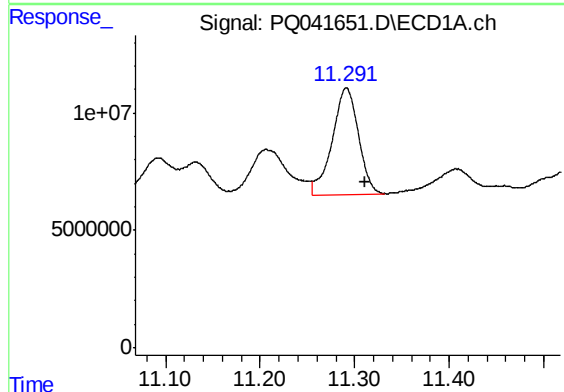
R.T.: 10.580 min
Delta R.T.: -0.018 min
Response: 67970049
Conc: 104.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



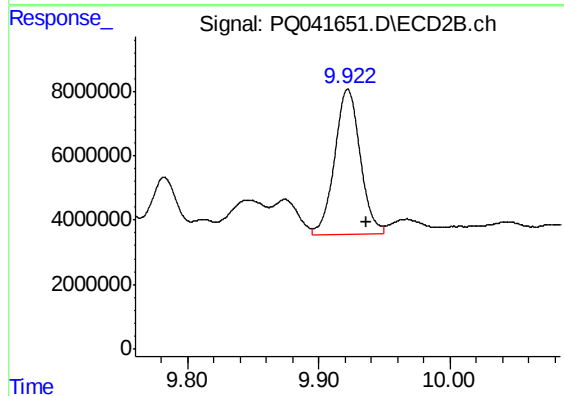
#39 AR-1262-4

R.T.: 9.398 min
Delta R.T.: -0.013 min
Response: 139154007
Conc: 236.77 ng/ml



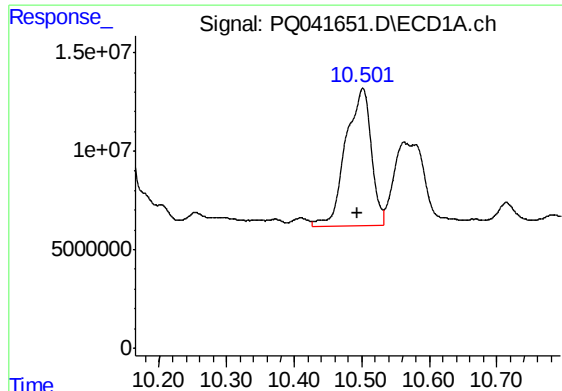
#40 AR-1262-5

R.T.: 11.291 min
Delta R.T.: -0.020 min
Response: 88484586
Conc: 193.57 ng/ml



#40 AR-1262-5

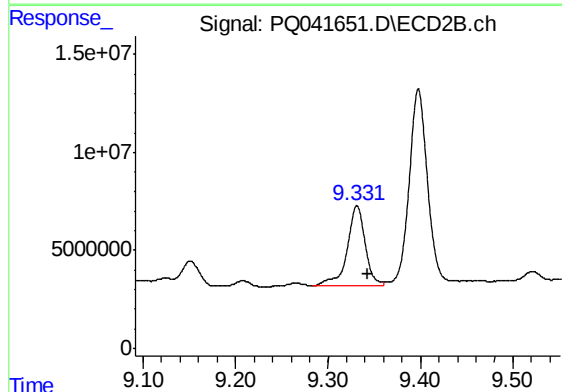
R.T.: 9.922 min
Delta R.T.: -0.014 min
Response: 61283648
Conc: 255.40 ng/ml



#41 AR-1268-1

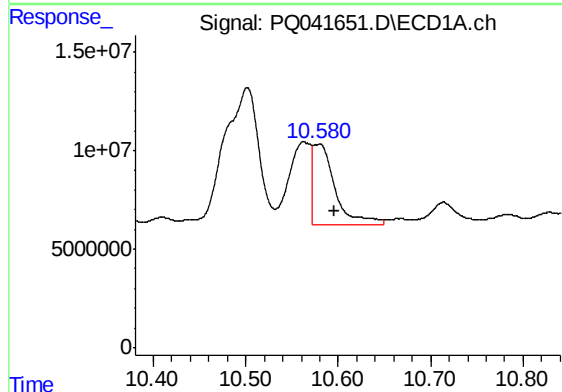
R.T.: 10.502 min
Delta R.T.: 0.008 min
Response: 183762772
Conc: 101.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



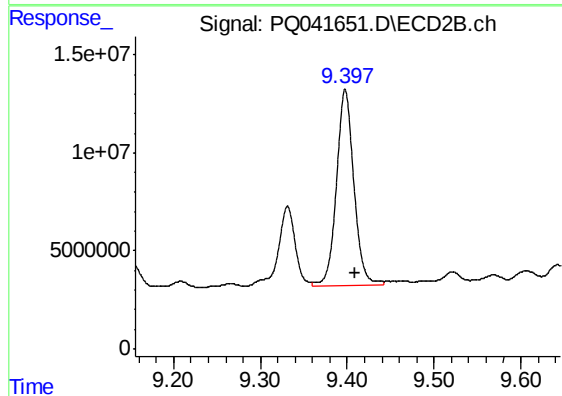
#41 AR-1268-1

R.T.: 9.331 min
Delta R.T.: -0.012 min
Response: 55790082
Conc: 48.83 ng/ml



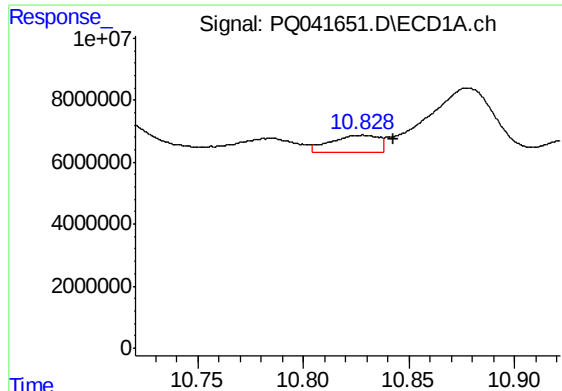
#42 AR-1268-2

R.T.: 10.580 min
Delta R.T.: -0.017 min
Response: 67970049
Conc: 42.60 ng/ml



#42 AR-1268-2

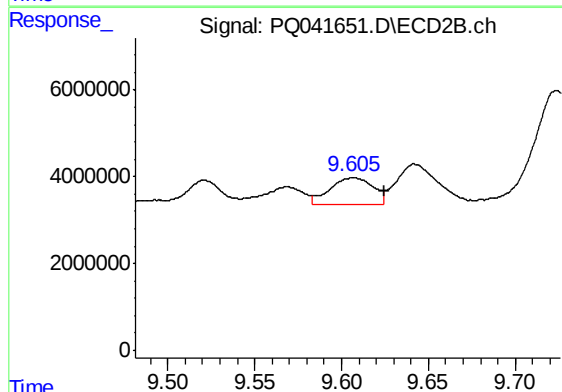
R.T.: 9.398 min
Delta R.T.: -0.012 min
Response: 139154007
Conc: 143.20 ng/ml



#43 AR-1268-3

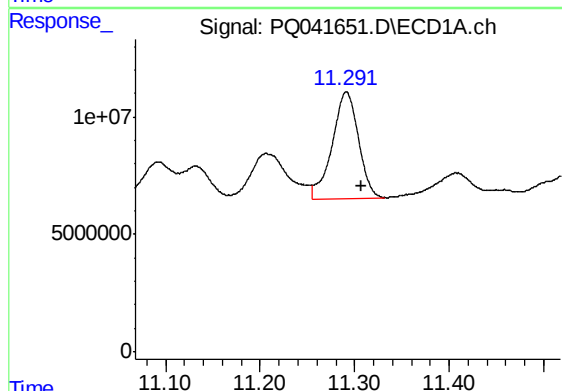
R.T.: 10.829 min
Delta R.T.: -0.014 min
Response: 8519830
Conc: 6.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



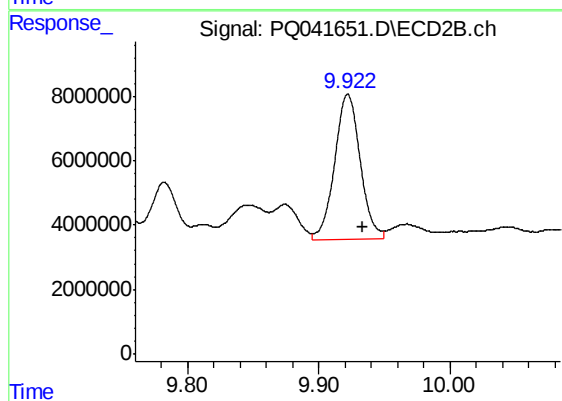
#43 AR-1268-3

R.T.: 9.607 min
Delta R.T.: -0.018 min
Response: 10623699
Conc: 13.31 ng/ml



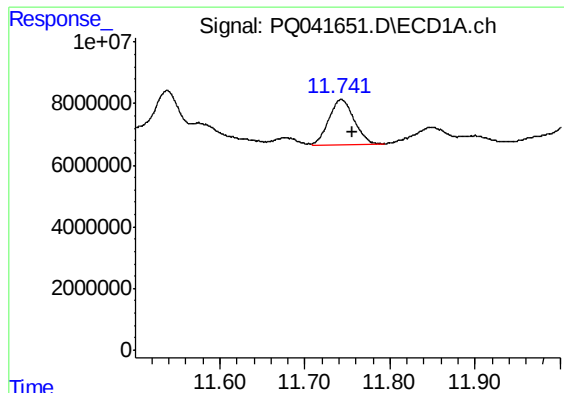
#44 AR-1268-4

R.T.: 11.291 min
Delta R.T.: -0.016 min
Response: 88484586
Conc: 155.88 ng/ml



#44 AR-1268-4

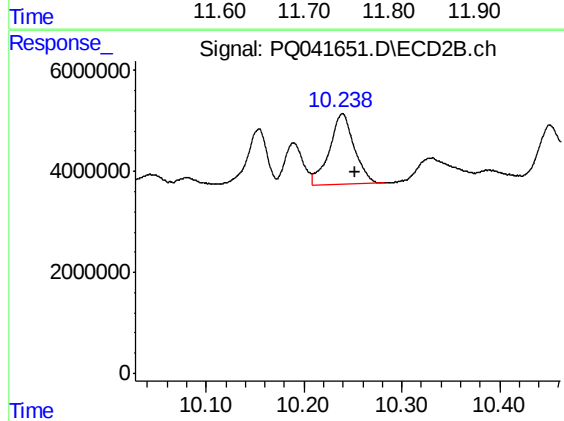
R.T.: 9.922 min
Delta R.T.: -0.011 min
Response: 61283648
Conc: 199.70 ng/ml



#45 AR-1268-5

R.T.: 11.742 min
Delta R.T.: -0.014 min
Response: 29755980
Conc: 6.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BEP17DL



#45 AR-1268-5

R.T.: 10.239 min
Delta R.T.: -0.013 min
Response: 24765932
Conc: 12.53 ng/ml