

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
 Data File : PQ044997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 11:33
 Operator : SM\AJ
 Sample : K5819-01DL2 1000X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AZ9DL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 12:37:08 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							
2)	SA Decachlor...	0.000	9.720	0	1053759	N.D.	0.155 #
Target Compounds							
3)	L1 AR-1016-1	6.440	5.587	22705317	2858367	90.349	15.519 #
4)	L1 AR-1016-2	6.440	5.606	22705317	10313528	60.044	39.032 #
5)	L1 AR-1016-3	6.510	5.804	2308350	7090683	9.943	54.943 #
6)	L1 AR-1016-4	6.611	5.850	8326436	123.4E6	43.978	1136.548 #
7)	L1 AR-1016-5	6.927	6.085	99349324	76096813	509.367	498.072
12)	L3 AR-1232-2	6.122	5.606	4630365	10313528	51.628	82.923 #
13)	L3 AR-1232-3	6.440	5.804	22705317	7090683	128.595	119.735
14)	L3 AR-1232-4	6.611	5.895	8326436	41677040	94.111	693.297 #
15)	L3 AR-1232-5	6.709	6.085	156.2E6	76096813	2354.486	1044.811 #
16)	L4 AR-1242-1	6.440	5.587	22705317	2858367	105.633	18.231 #
17)	L4 AR-1242-2	6.440	5.606	22705317	10313528	70.604	46.095 #
18)	L4 AR-1242-3	6.510	5.804	2308350	7090683	11.634	63.796 #
19)	L4 AR-1242-4	6.611	5.895	8326436	41677040	51.570	349.508 #
20)	L4 AR-1242-5	7.396	6.467	116.3E6	334.1E6	642.556	2034.646 #
21)	L5 AR-1248-1	6.440	5.587	22705317	2858367	134.814	22.968 #
22)	L5 AR-1248-2	6.709	5.850	156.2E6	123.4E6	637.710	725.005
23)	L5 AR-1248-3	6.927	5.895	99349324	41677040	365.044	233.039 #
24)	L5 AR-1248-4	7.324	6.085	421.5E6	76096813	1391.754	349.594 #
25)	L5 AR-1248-5	7.396	6.511	116.3E6	54996739	406.504	246.636 #
26)	L6 AR-1254-1	7.324	6.467	421.5E6	334.1E6	1302.758	918.394 #
27)	L6 AR-1254-2	7.553	6.625	555.3E6	383.2E6	1118.357	1189.781
28)	L6 AR-1254-3	7.934	7.053	660.3E6	724.9E6	1240.608	1306.796
29)	L6 AR-1254-4	8.230	7.292	497.1E6	485.9E6	1286.973	1359.440
30)	L6 AR-1254-5	8.659	7.725	698.6E6	779.6E6	1617.301	1559.216
31)	L7 AR-1260-1	8.103	7.188	289.7E6	348.7E6	927.548	1138.183
32)	L7 AR-1260-2	8.367	7.384	356.9E6	336.5E6	871.763	852.171
33)	L7 AR-1260-3	8.728	7.544	108.8E6	313.0E6	333.168	913.530 #
34)	L7 AR-1260-4	8.959	8.030	268.2E6	60021377	705.165	195.729 #
35)	L7 AR-1260-5	9.300	8.276	166.1E6	164.8E6	215.707	210.599
36)	L8 AR-1262-1	8.794	7.725	53192338	779.6E6	255.006	3080.455 #
37)	L8 AR-1262-2	9.300	8.276	166.1E6	164.8E6	183.849	167.038
38)	L8 AR-1262-3	9.641	8.566	104.4E6	17561286	171.238	45.577 #
39)	L8 AR-1262-4	9.694	8.631	49690041	125.8E6	109.372	170.785 #
40)	L8 AR-1262-5	10.395	9.144	20546265	23297161	67.167	66.914
41)	L9 AR-1268-1	9.641	8.566	104.4E6	17561286	93.518	14.604 #
42)	L9 AR-1268-2	9.694	8.631	49690041	125.8E6	48.883	112.985 #
43)	L9 AR-1268-3	0.000	8.842	0	2138626	N.D.	2.299 #
44)	L9 AR-1268-4	10.395	9.144	20546265	23297161	59.184	57.844
45)	L9 AR-1268-5	10.820	9.452	5715485	6349068	2.191	2.101

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Acq On : 14 Nov 2019 11:33
Operator : SM\AJ
Sample : K5819-01DL2 1000X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 12:37:08 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
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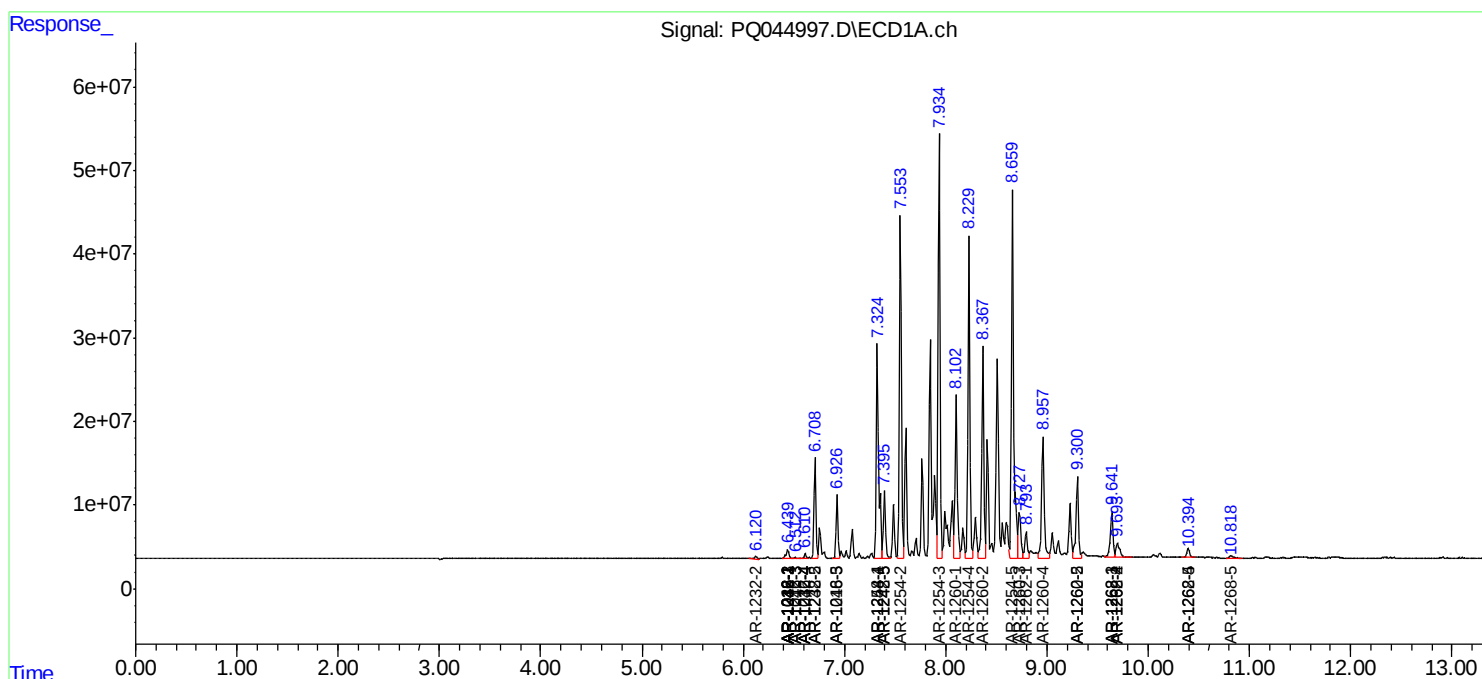
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

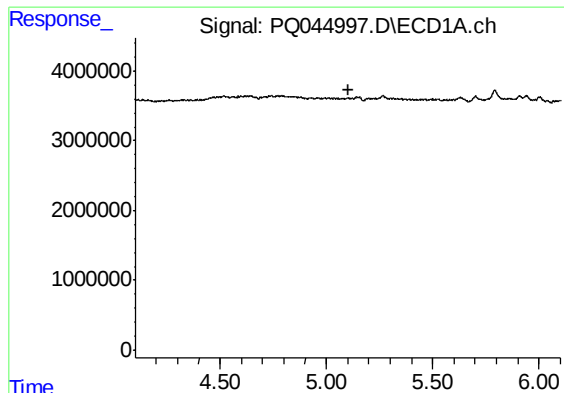
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
Data File : PQ044997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2019 11:33
Operator : SM\AJ
Sample : K5819-01DL2 1000X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

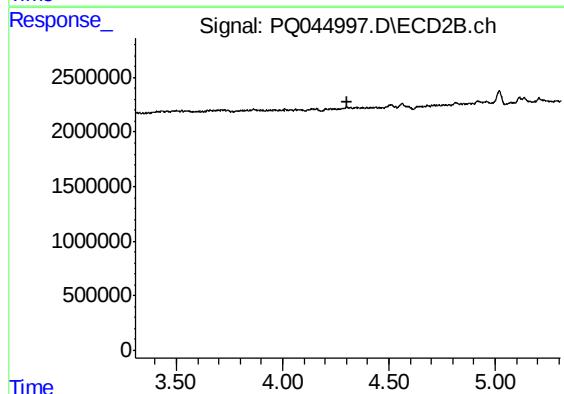




#1 Tetrachloro-m-xylene

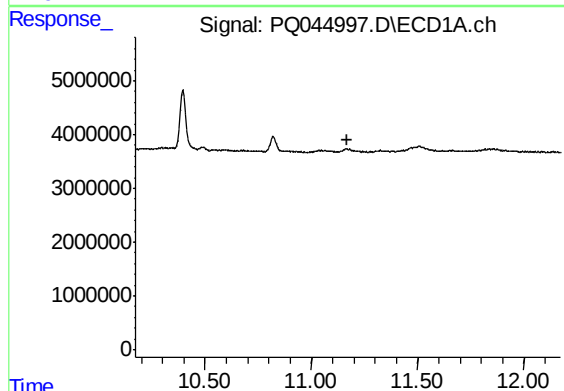
R.T.: 0.000 min
Exp R.T. : 5.102 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



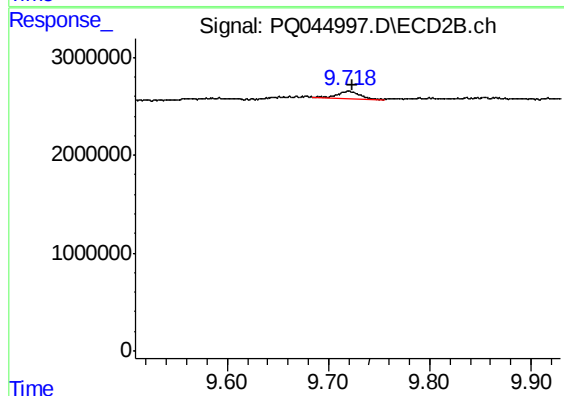
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.307 min
Response: 0
Conc: N.D.



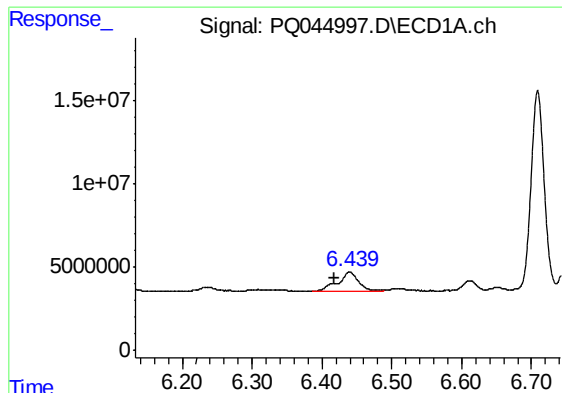
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 11.172 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

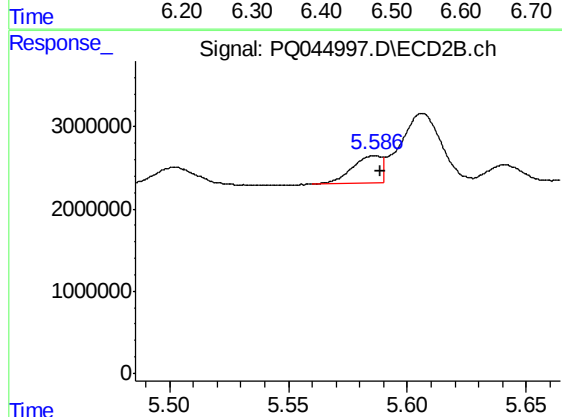
R.T.: 9.720 min
Delta R.T.: -0.004 min
Response: 1053759
Conc: 0.16 ng/ml



#3 AR-1016-1

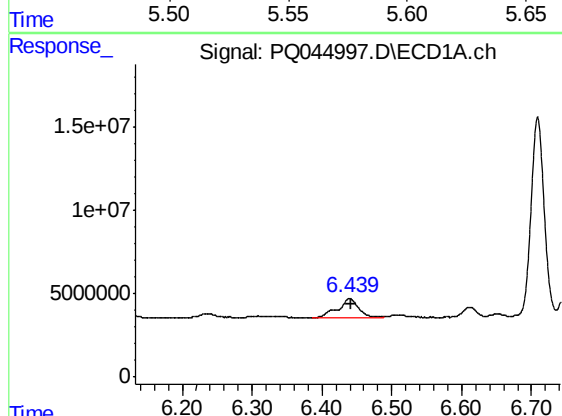
R.T.: 6.440 min
Delta R.T.: 0.022 min
Response: 22705317
Conc: 90.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



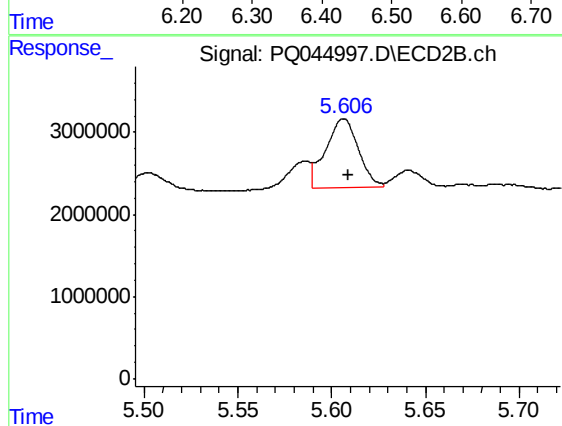
#3 AR-1016-1

R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 2858367
Conc: 15.52 ng/ml



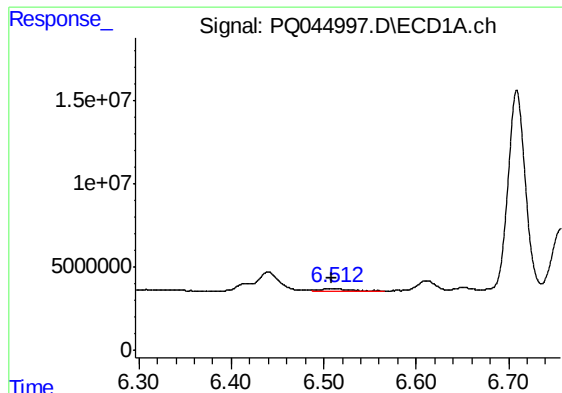
#4 AR-1016-2

R.T.: 6.440 min
Delta R.T.: -0.002 min
Response: 22705317
Conc: 60.04 ng/ml



#4 AR-1016-2

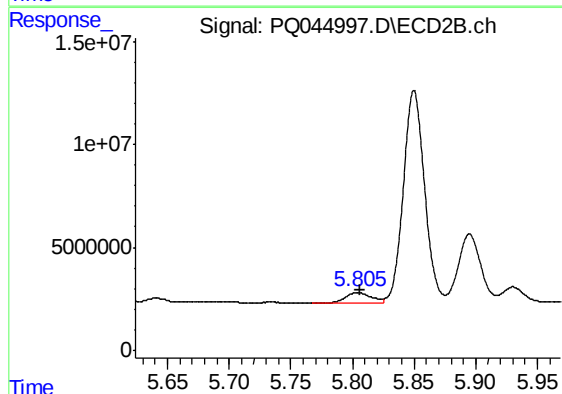
R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 10313528
Conc: 39.03 ng/ml



#5 AR-1016-3

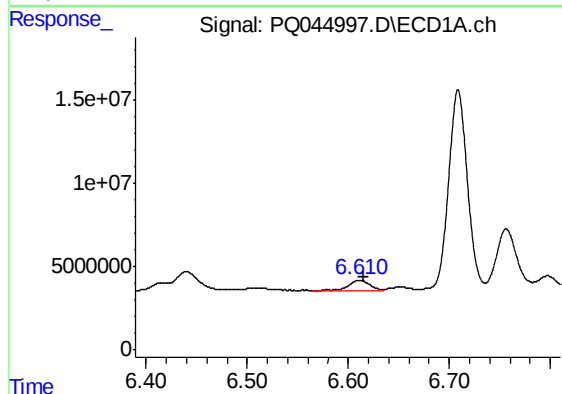
R.T.: 6.510 min
Delta R.T.: 0.001 min
Response: 2308350
Conc: 9.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



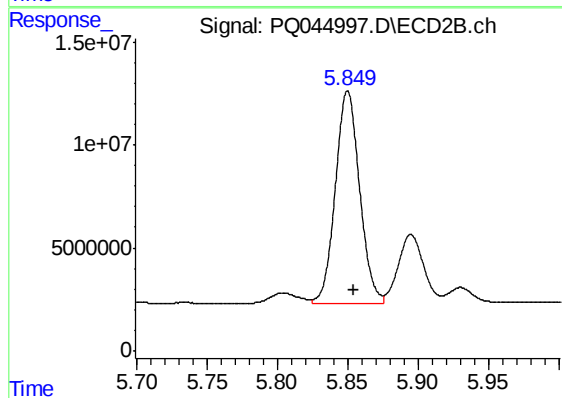
#5 AR-1016-3

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 7090683
Conc: 54.94 ng/ml



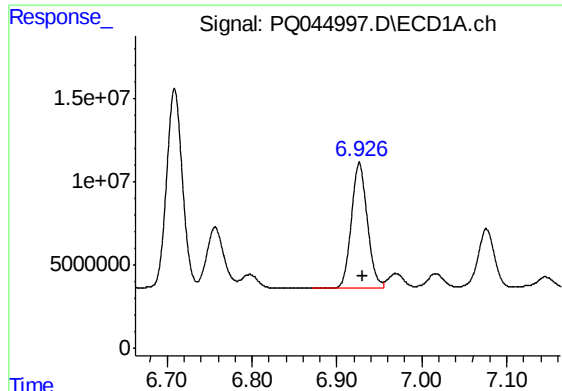
#6 AR-1016-4

R.T.: 6.611 min
Delta R.T.: -0.004 min
Response: 8326436
Conc: 43.98 ng/ml



#6 AR-1016-4

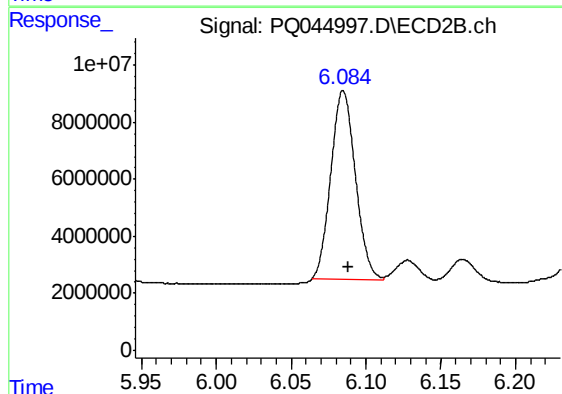
R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 123416770
Conc: 1136.55 ng/ml



#7 AR-1016-5

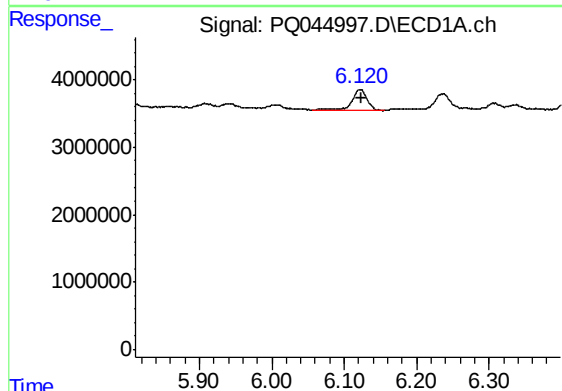
R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 99349324
Conc: 509.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



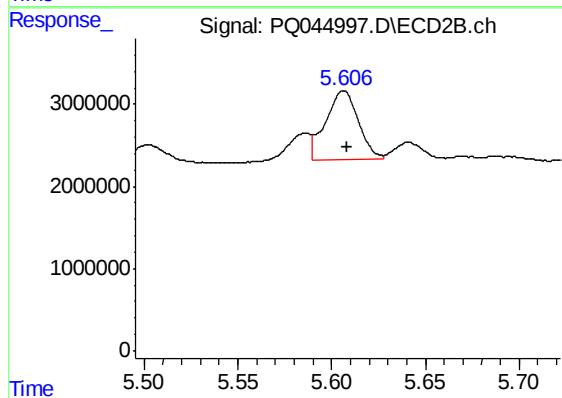
#7 AR-1016-5

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 76096813
Conc: 498.07 ng/ml



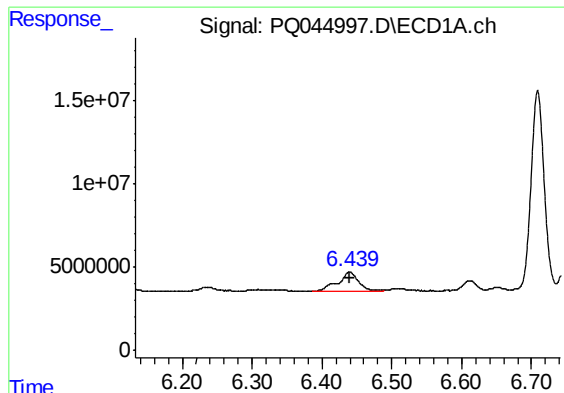
#12 AR-1232-2

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 4630365
Conc: 51.63 ng/ml



#12 AR-1232-2

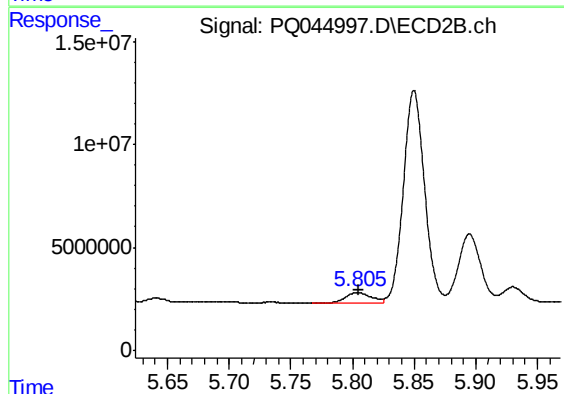
R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 10313528
Conc: 82.92 ng/ml



#13 AR-1232-3

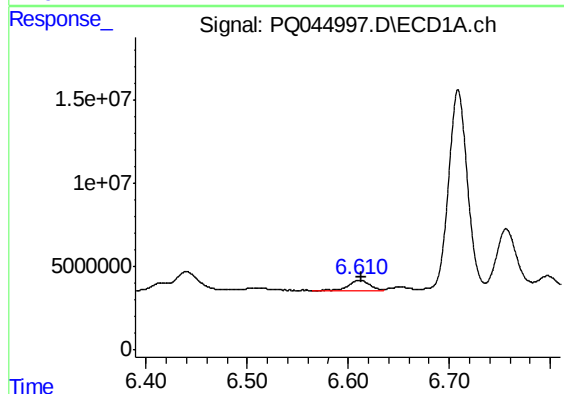
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 22705317
Conc: 128.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



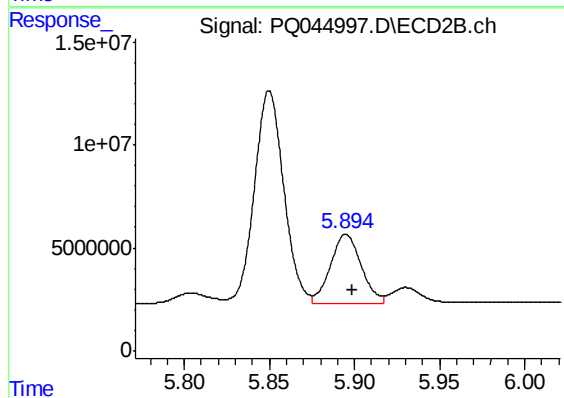
#13 AR-1232-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 7090683
Conc: 119.74 ng/ml



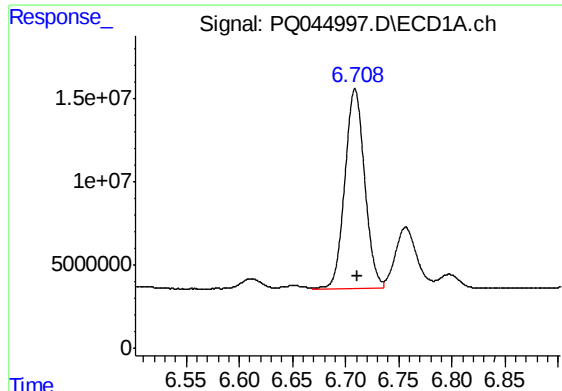
#14 AR-1232-4

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 8326436
Conc: 94.11 ng/ml



#14 AR-1232-4

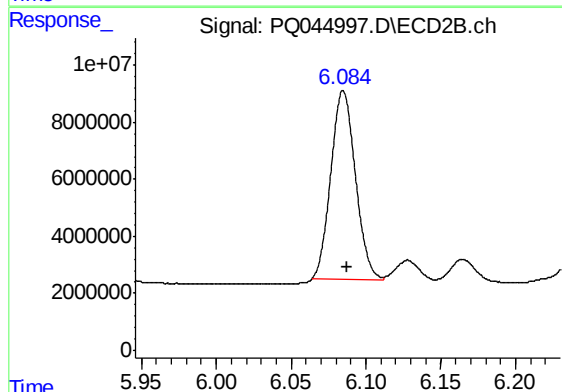
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 41677040
Conc: 693.30 ng/ml



#15 AR-1232-5

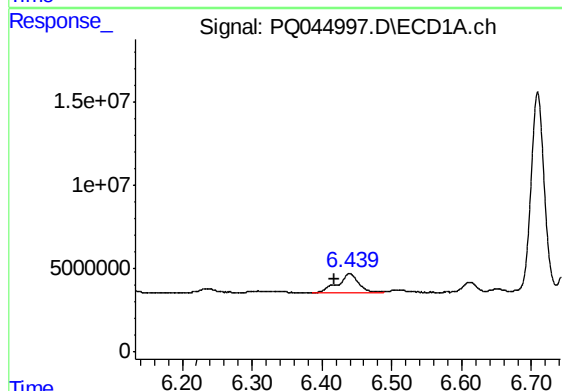
R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 156196674
Conc: 2354.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



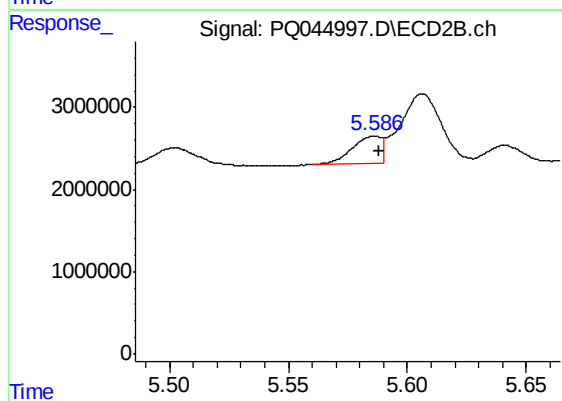
#15 AR-1232-5

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 76096813
Conc: 1044.81 ng/ml



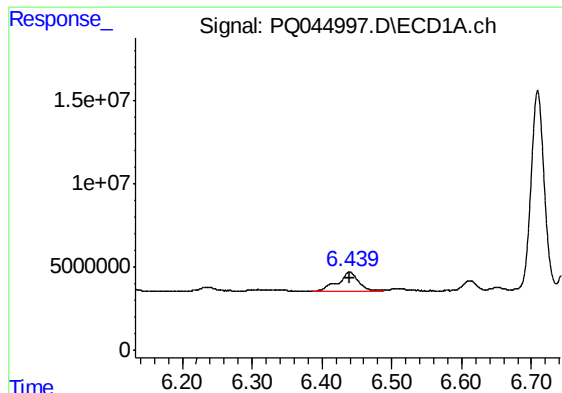
#16 AR-1242-1

R.T.: 6.440 min
Delta R.T.: 0.023 min
Response: 22705317
Conc: 105.63 ng/ml



#16 AR-1242-1

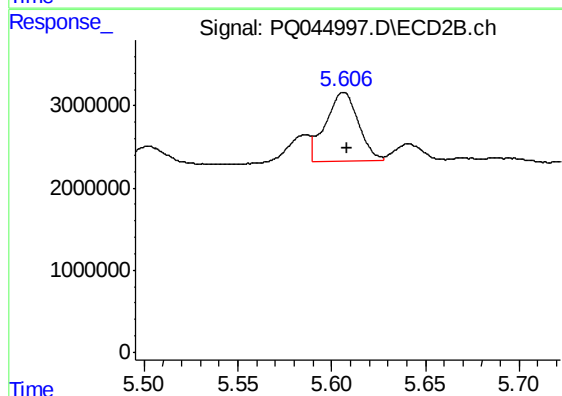
R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 2858367
Conc: 18.23 ng/ml



#17 AR-1242-2

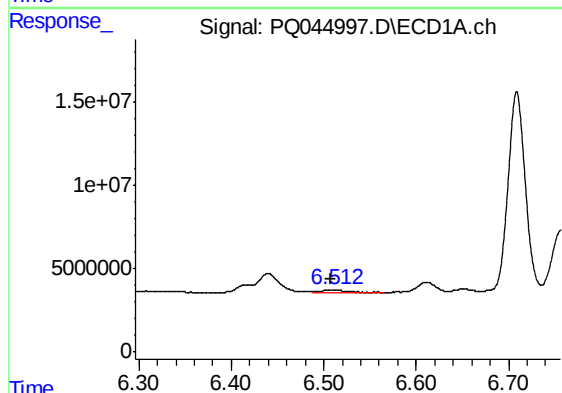
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 22705317
Conc: 70.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



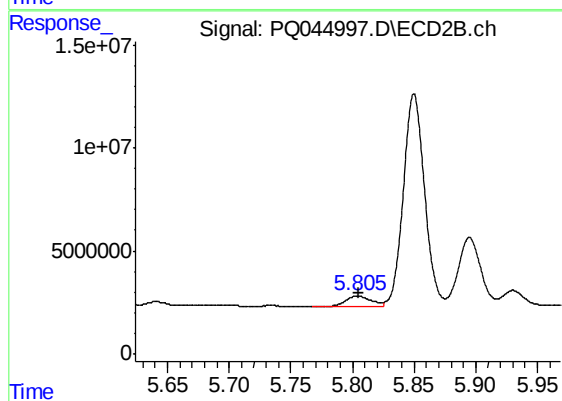
#17 AR-1242-2

R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 10313528
Conc: 46.09 ng/ml



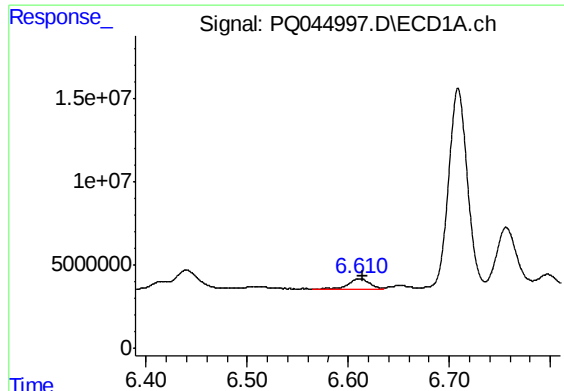
#18 AR-1242-3

R.T.: 6.510 min
Delta R.T.: 0.002 min
Response: 2308350
Conc: 11.63 ng/ml



#18 AR-1242-3

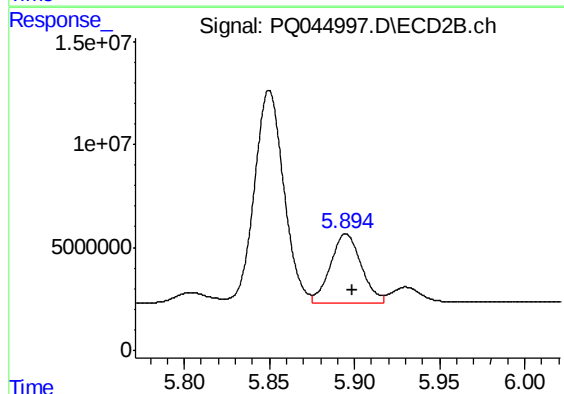
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 7090683
Conc: 63.80 ng/ml



#19 AR-1242-4

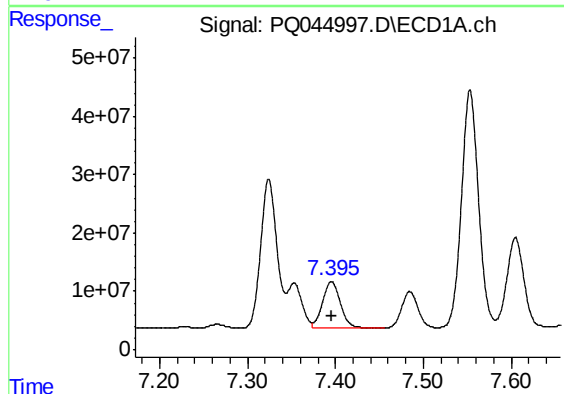
R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 8326436
Conc: 51.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



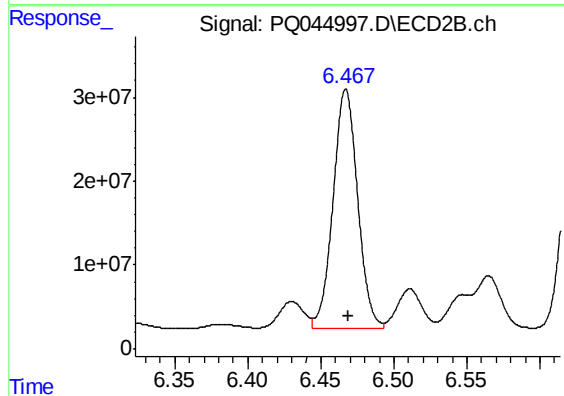
#19 AR-1242-4

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 41677040
Conc: 349.51 ng/ml



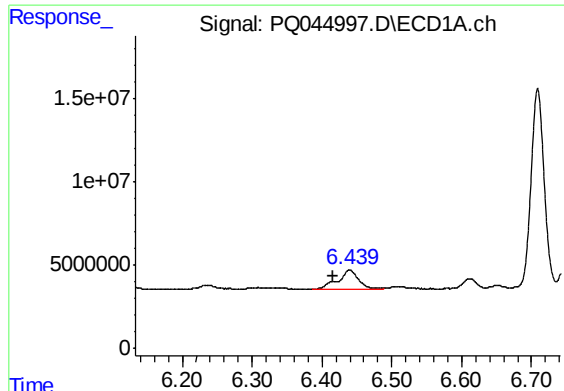
#20 AR-1242-5

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 116279764
Conc: 642.56 ng/ml



#20 AR-1242-5

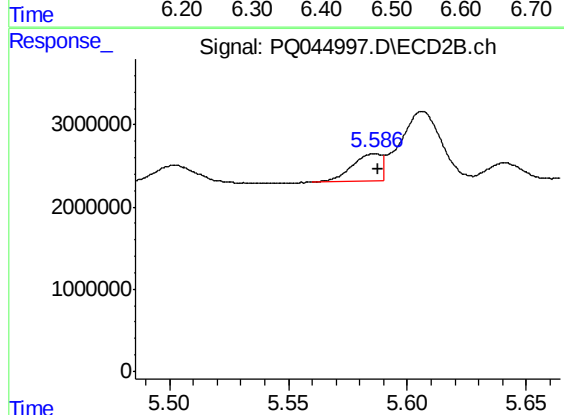
R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 334093859
Conc: 2034.65 ng/ml



#21 AR-1248-1

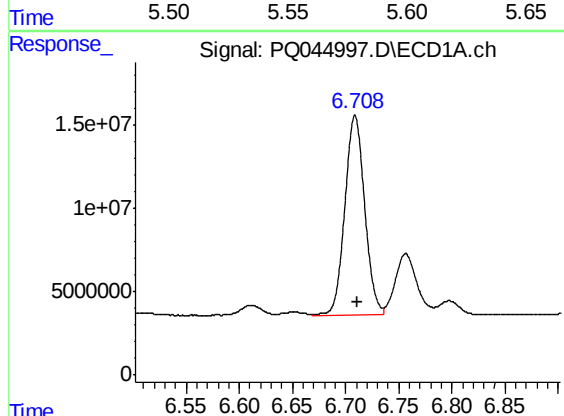
R.T.: 6.440 min
Delta R.T.: 0.024 min
Response: 22705317
Conc: 134.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



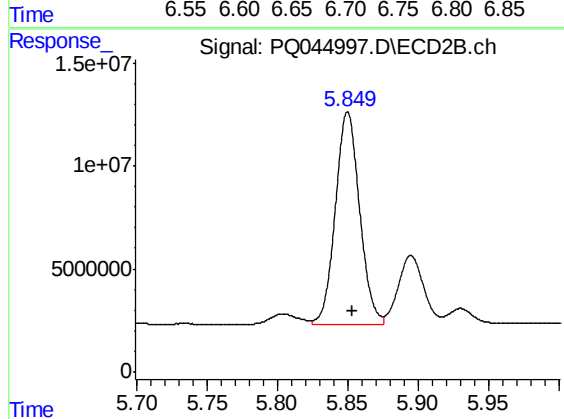
#21 AR-1248-1

R.T.: 5.587 min
Delta R.T.: -0.001 min
Response: 2858367
Conc: 22.97 ng/ml



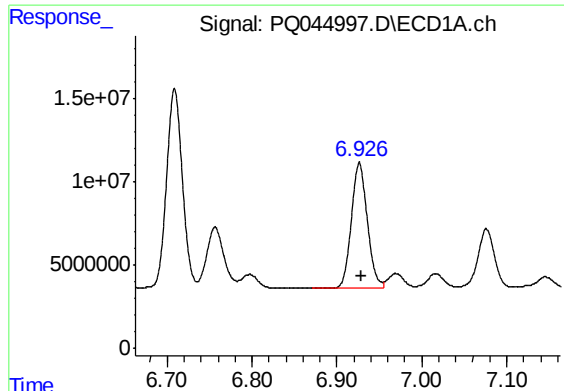
#22 AR-1248-2

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 156196674
Conc: 637.71 ng/ml



#22 AR-1248-2

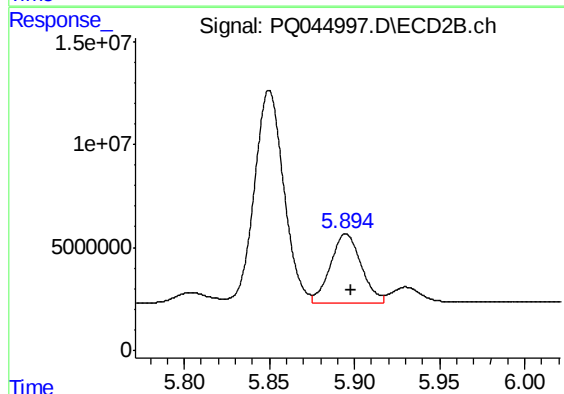
R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 123416770
Conc: 725.00 ng/ml



#23 AR-1248-3

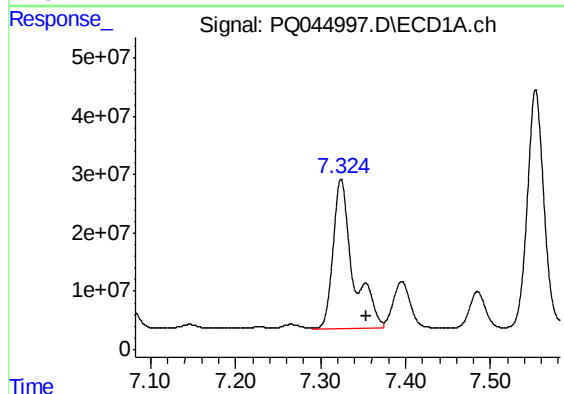
R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 99349324
Conc: 365.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



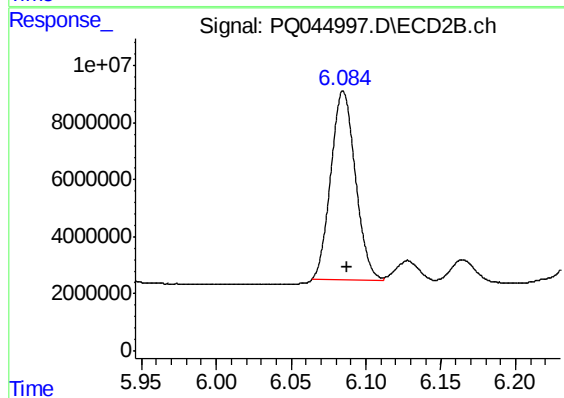
#23 AR-1248-3

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 41677040
Conc: 233.04 ng/ml



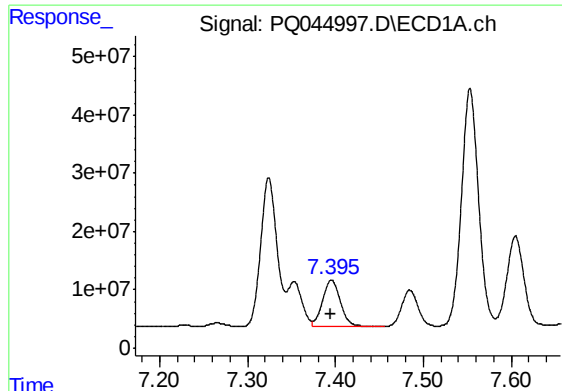
#24 AR-1248-4

R.T.: 7.324 min
Delta R.T.: -0.031 min
Response: 421516051
Conc: 1391.75 ng/ml



#24 AR-1248-4

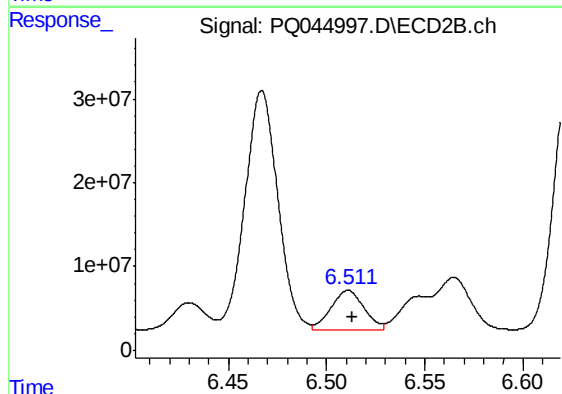
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 76096813
Conc: 349.59 ng/ml



#25 AR-1248-5

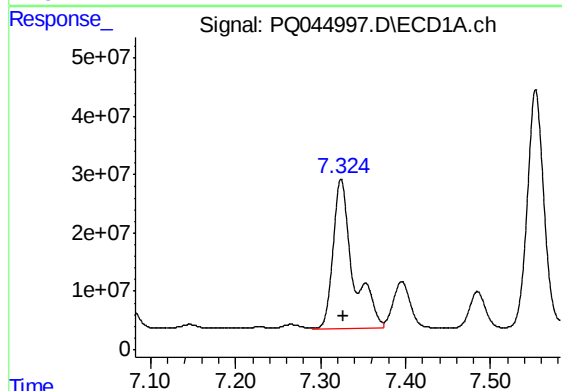
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 116279764
Conc: 406.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



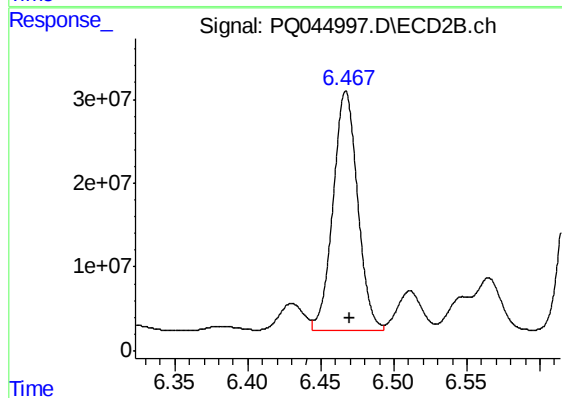
#25 AR-1248-5

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 54996739
Conc: 246.64 ng/ml



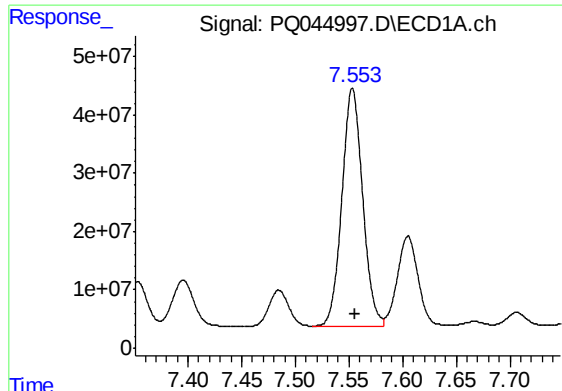
#26 AR-1254-1

R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 421516051
Conc: 1302.76 ng/ml



#26 AR-1254-1

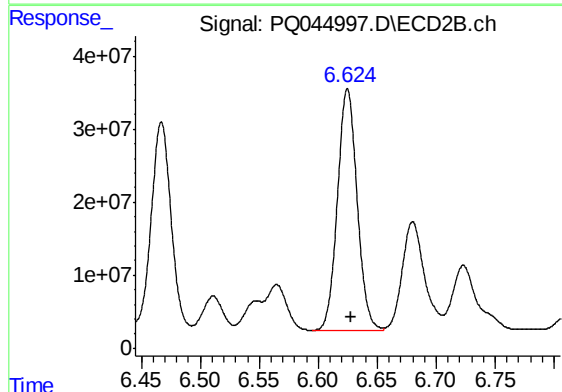
R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 334093859
Conc: 918.39 ng/ml



#27 AR-1254-2

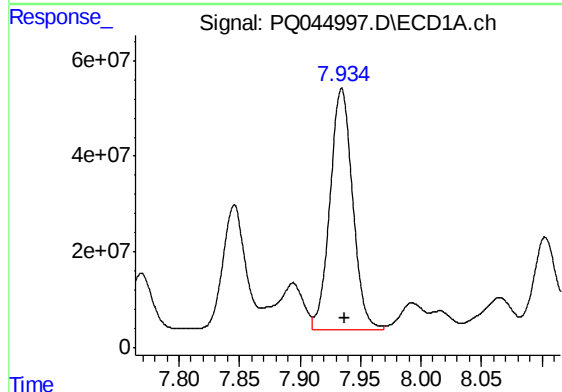
R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 555266031
Conc: 1118.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



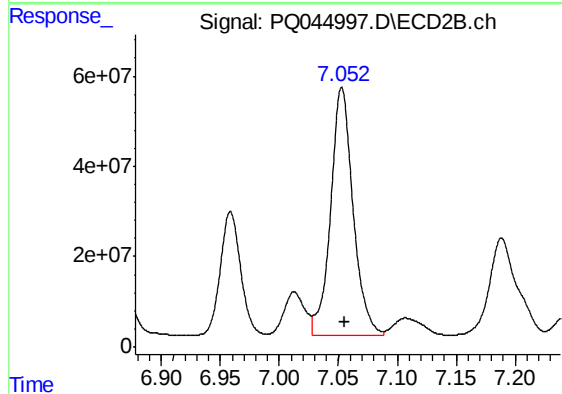
#27 AR-1254-2

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 383205072
Conc: 1189.78 ng/ml



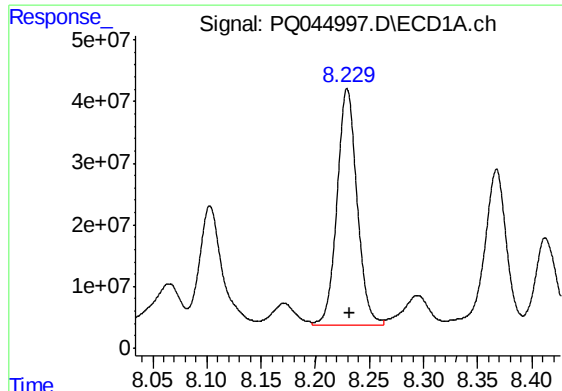
#28 AR-1254-3

R.T.: 7.934 min
Delta R.T.: -0.003 min
Response: 660325834
Conc: 1240.61 ng/ml



#28 AR-1254-3

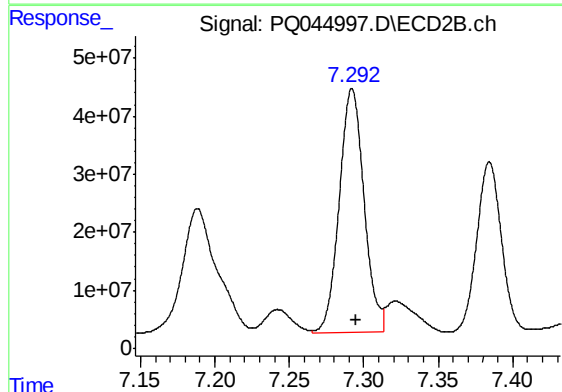
R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 724872117
Conc: 1306.80 ng/ml



#29 AR-1254-4

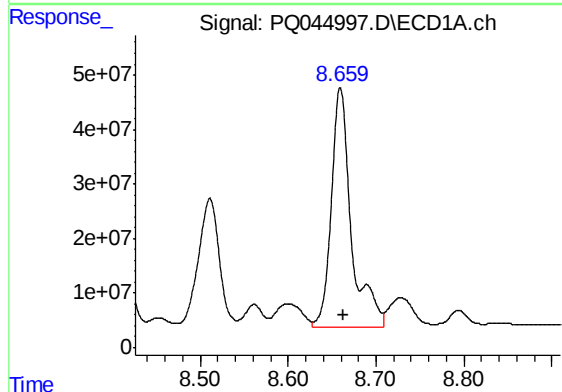
R.T.: 8.230 min
Delta R.T.: -0.002 min
Response: 497146007
Conc: 1286.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



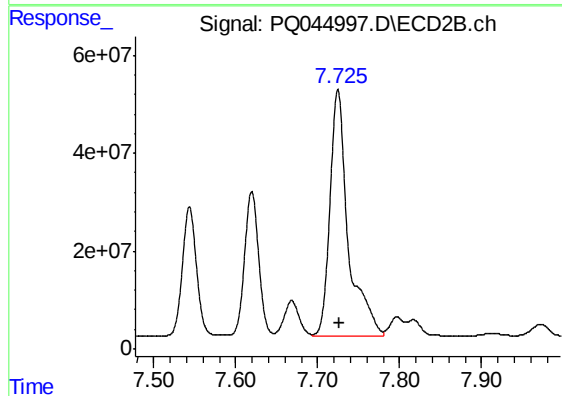
#29 AR-1254-4

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 485896123
Conc: 1359.44 ng/ml



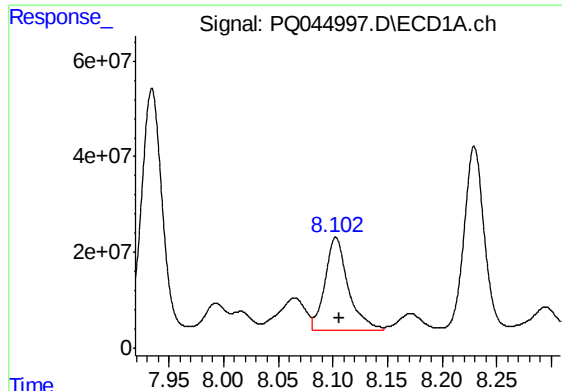
#30 AR-1254-5

R.T.: 8.659 min
Delta R.T.: -0.003 min
Response: 698644716
Conc: 1617.30 ng/ml



#30 AR-1254-5

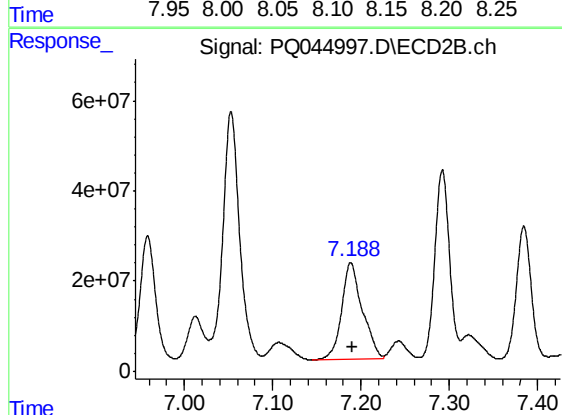
R.T.: 7.725 min
Delta R.T.: -0.003 min
Response: 779643420
Conc: 1559.22 ng/ml



#31 AR-1260-1

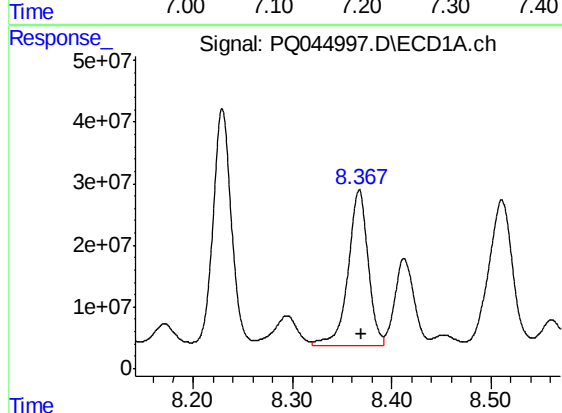
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 289696048
Conc: 927.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



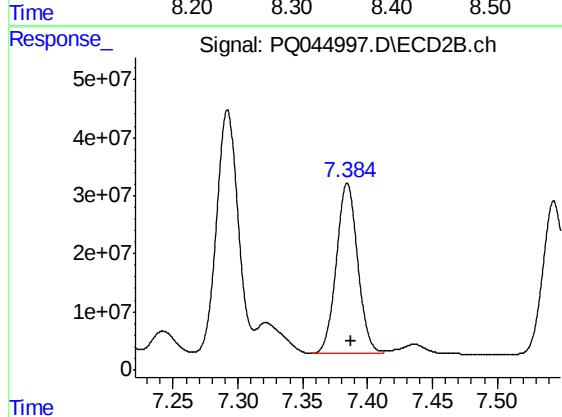
#31 AR-1260-1

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 348708484
Conc: 1138.18 ng/ml



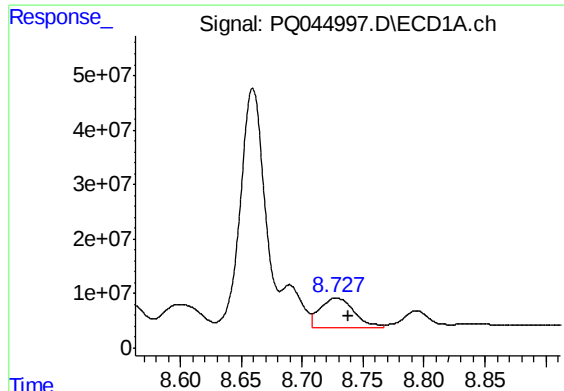
#32 AR-1260-2

R.T.: 8.367 min
Delta R.T.: -0.003 min
Response: 356932233
Conc: 871.76 ng/ml



#32 AR-1260-2

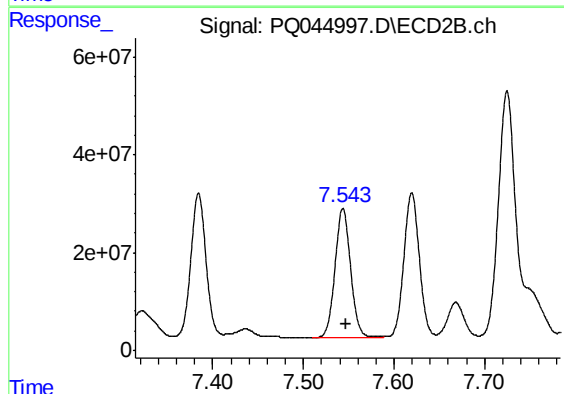
R.T.: 7.384 min
Delta R.T.: -0.002 min
Response: 336484302
Conc: 852.17 ng/ml



#33 AR-1260-3

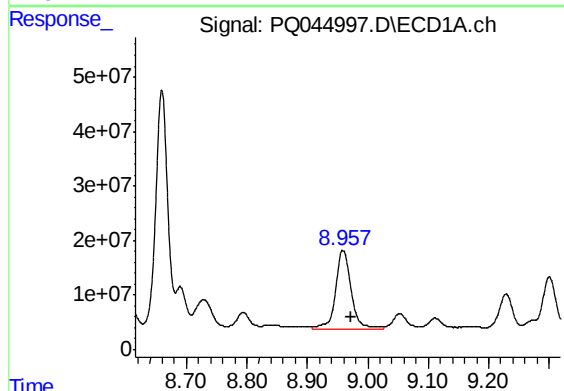
R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 108772726
Conc: 333.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



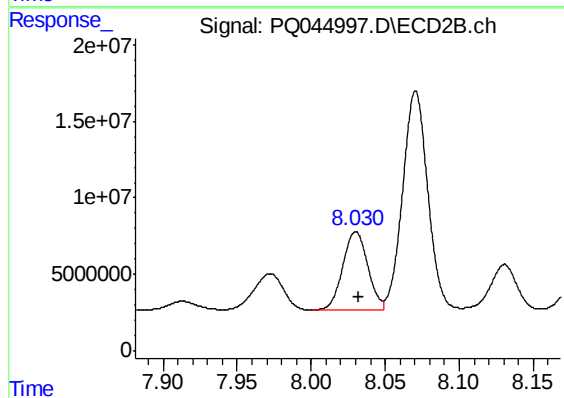
#33 AR-1260-3

R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 312964455
Conc: 913.53 ng/ml



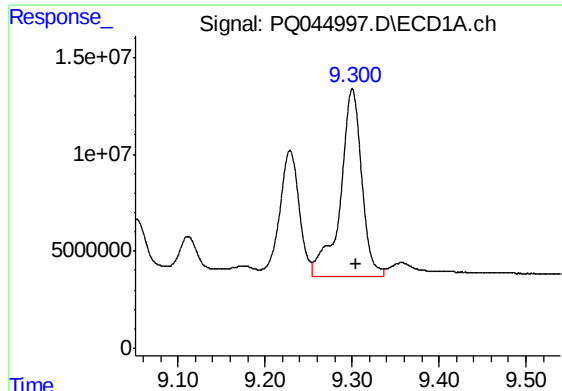
#34 AR-1260-4

R.T.: 8.959 min
Delta R.T.: -0.013 min
Response: 268152380
Conc: 705.17 ng/ml



#34 AR-1260-4

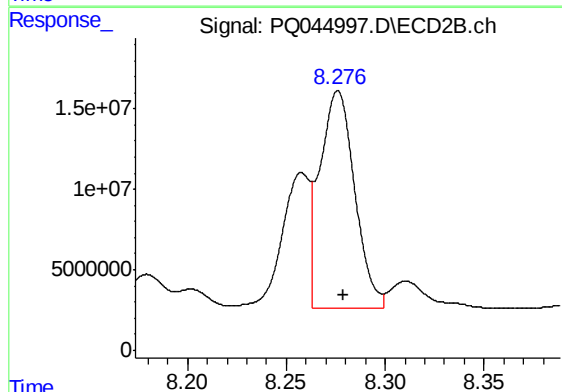
R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 60021377
Conc: 195.73 ng/ml



#35 AR-1260-5

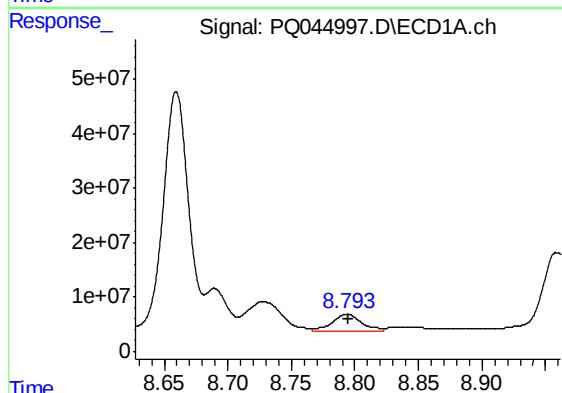
R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 166050972
Conc: 215.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



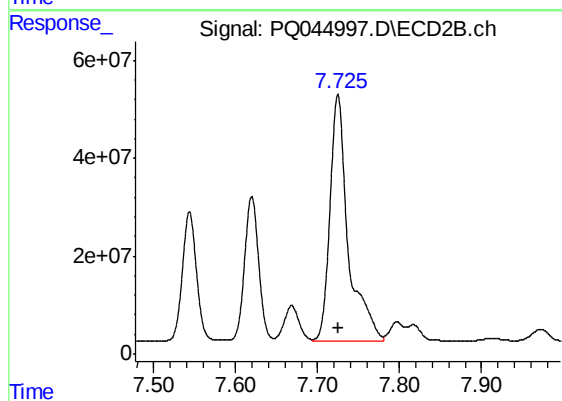
#35 AR-1260-5

R.T.: 8.276 min
Delta R.T.: -0.003 min
Response: 164821474
Conc: 210.60 ng/ml



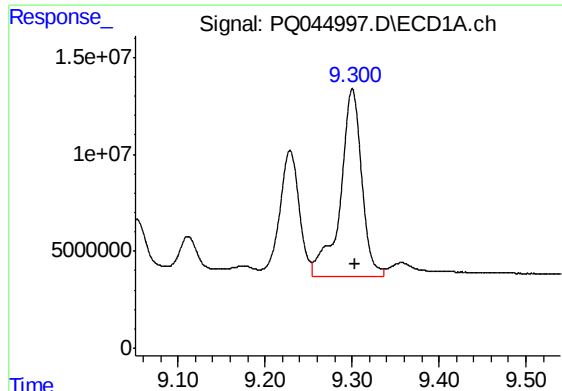
#36 AR-1262-1

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 53192338
Conc: 255.01 ng/ml



#36 AR-1262-1

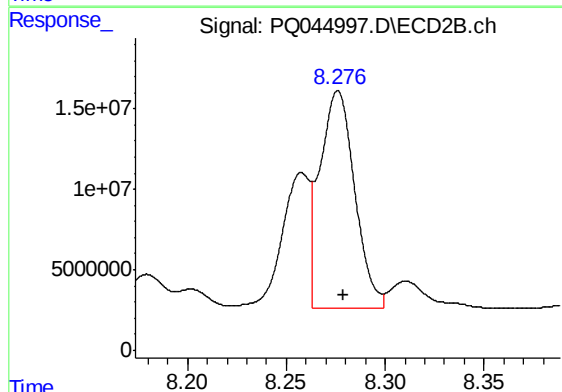
R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 779643420
Conc: 3080.45 ng/ml



#37 AR-1262-2

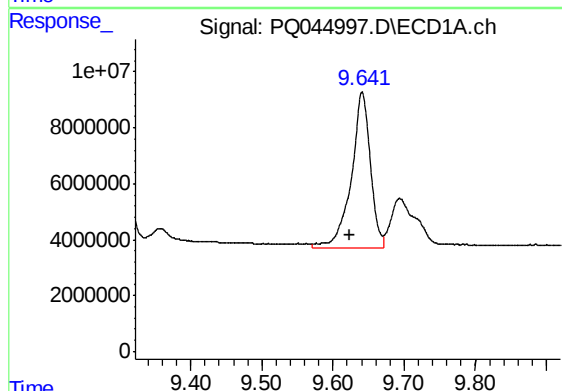
R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 166050972
Conc: 183.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



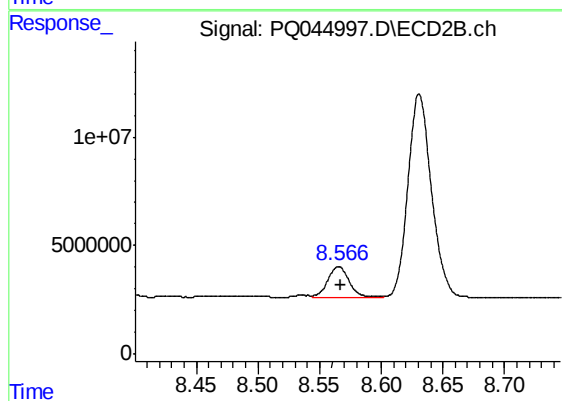
#37 AR-1262-2

R.T.: 8.276 min
Delta R.T.: -0.003 min
Response: 164821474
Conc: 167.04 ng/ml



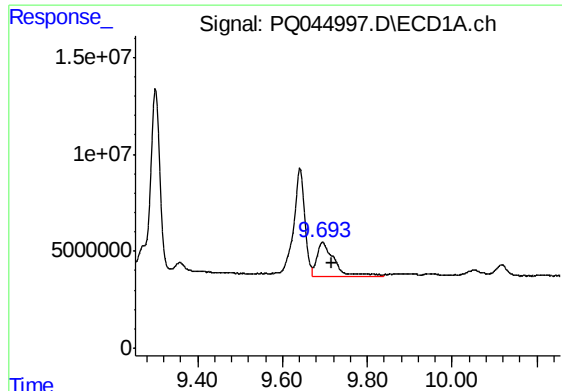
#38 AR-1262-3

R.T.: 9.641 min
Delta R.T.: 0.018 min
Response: 104433581
Conc: 171.24 ng/ml



#38 AR-1262-3

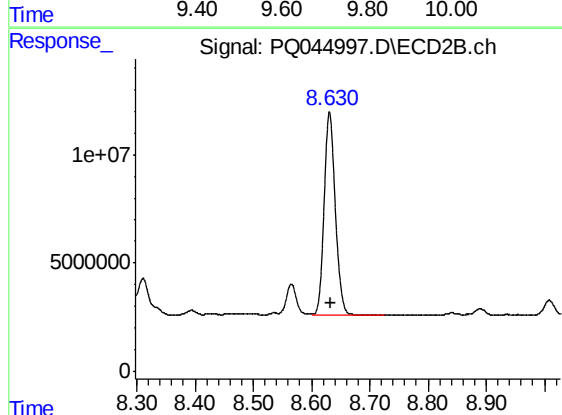
R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 17561286
Conc: 45.58 ng/ml



#39 AR-1262-4

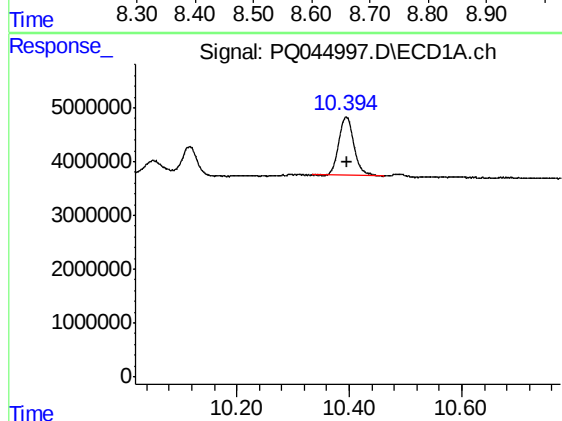
R.T.: 9.694 min
Delta R.T.: -0.022 min
Response: 49690041
Conc: 109.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



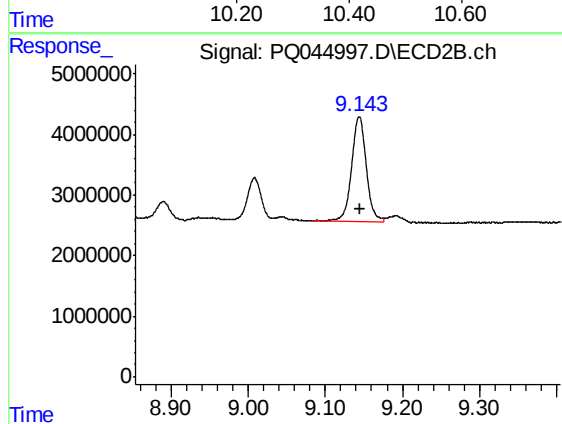
#39 AR-1262-4

R.T.: 8.631 min
Delta R.T.: -0.002 min
Response: 125818091
Conc: 170.78 ng/ml



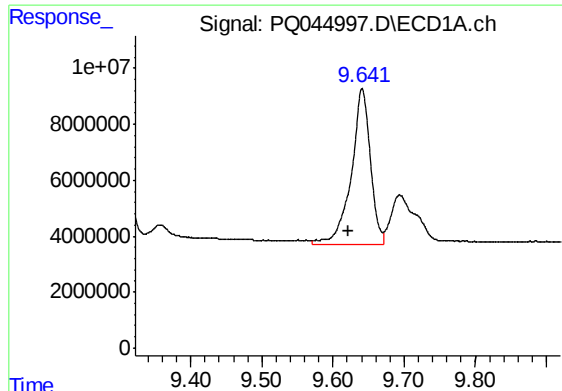
#40 AR-1262-5

R.T.: 10.395 min
Delta R.T.: -0.002 min
Response: 20546265
Conc: 67.17 ng/ml



#40 AR-1262-5

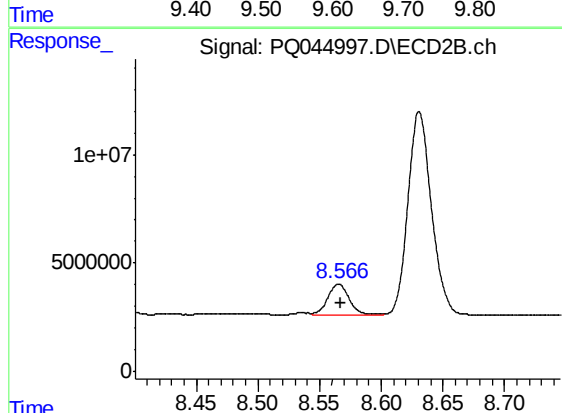
R.T.: 9.144 min
Delta R.T.: -0.001 min
Response: 23297161
Conc: 66.91 ng/ml



#41 AR-1268-1

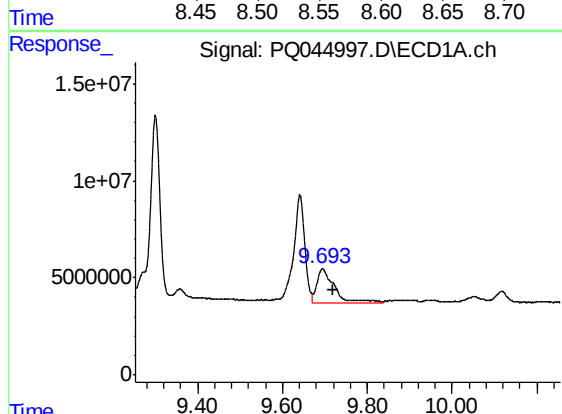
R.T.: 9.641 min
Delta R.T.: 0.019 min
Response: 104433581
Conc: 93.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



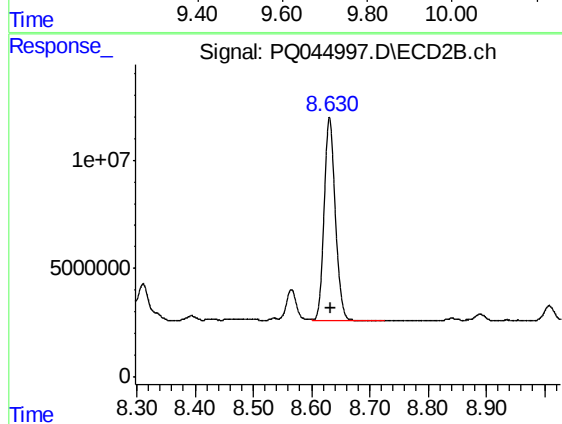
#41 AR-1268-1

R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 17561286
Conc: 14.60 ng/ml



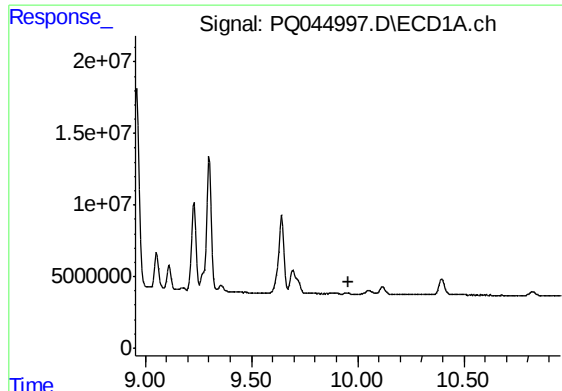
#42 AR-1268-2

R.T.: 9.694 min
Delta R.T.: -0.026 min
Response: 49690041
Conc: 48.88 ng/ml



#42 AR-1268-2

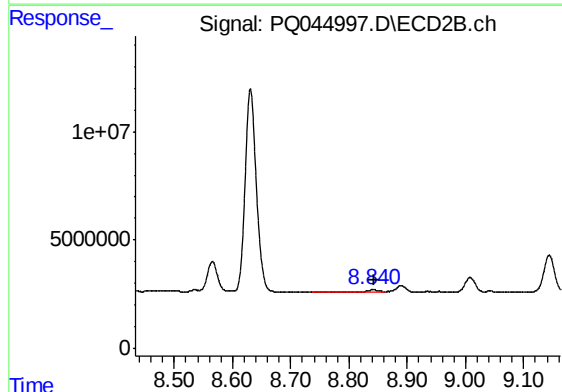
R.T.: 8.631 min
Delta R.T.: -0.002 min
Response: 125818091
Conc: 112.98 ng/ml



#43 AR-1268-3

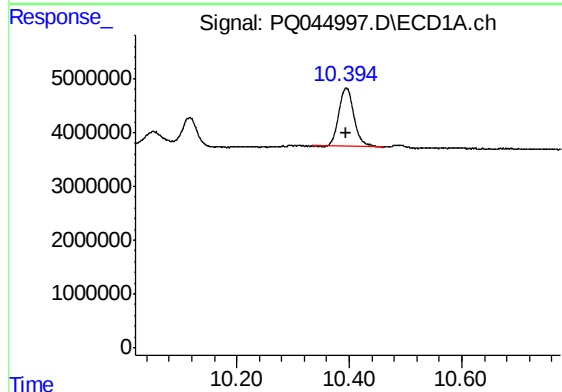
R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



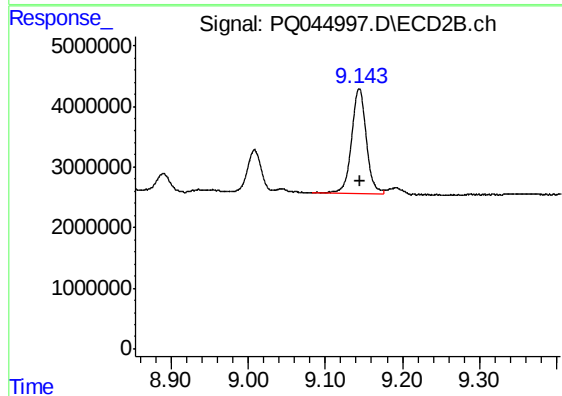
#43 AR-1268-3

R.T.: 8.842 min
Delta R.T.: 0.000 min
Response: 2138626
Conc: 2.30 ng/ml



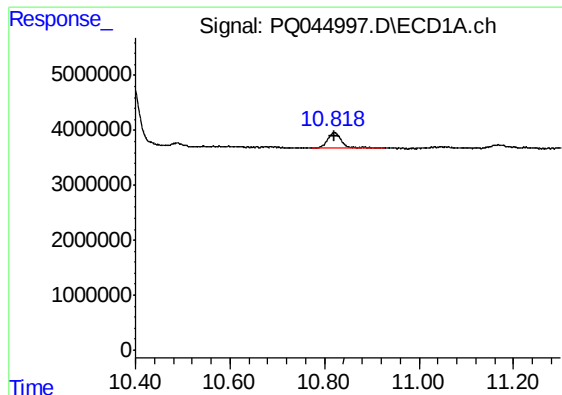
#44 AR-1268-4

R.T.: 10.395 min
Delta R.T.: 0.000 min
Response: 20546265
Conc: 59.18 ng/ml



#44 AR-1268-4

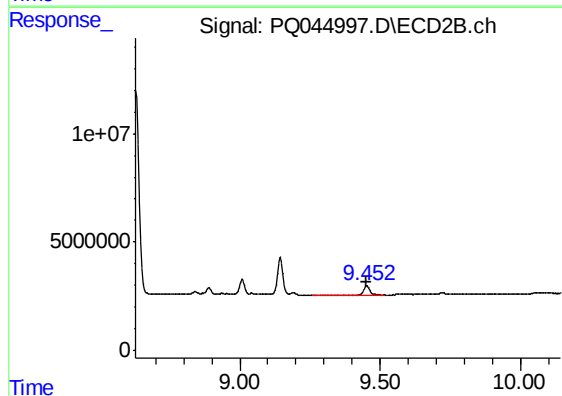
R.T.: 9.144 min
Delta R.T.: -0.001 min
Response: 23297161
Conc: 57.84 ng/ml



#45 AR-1268-5

R.T.: 10.820 min
Delta R.T.: -0.001 min
Response: 5715485
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AZ9DL2



#45 AR-1268-5

R.T.: 9.452 min
Delta R.T.: -0.001 min
Response: 6349068
Conc: 2.10 ng/ml