

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
 Data File : PQ038428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2019 10:28
 Operator : SM\SJ
 Sample : K2085-07MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF7S8MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 03:28:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 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...	4.721	4.000	114.1E6	51980182	27.680	30.798
2)	SA Decachlor...	10.673	9.136	206.2E6	89989175	37.899	38.036
Target Compounds							
3)	L1 AR-1016-1	5.903	5.127	90995246	64328238	381.055	602.105 #
4)	L1 AR-1016-2	5.926	5.158	132.2E6	3345706	364.281	21.598 #
5)	L1 AR-1016-3	5.989	5.344	82141793	25975580	369.023	323.950
6)	L1 AR-1016-4	6.090	5.388	67255469	31903035	364.820	502.450 #
7)	L1 AR-1016-5	6.385	5.605	66328124	12093807	359.337	138.076 #
8)	L2 AR-1221-1	4.927	4.217	6762409	3769970	126.156	161.517 #
9)	L2 AR-1221-2	5.020	4.306	9878989	4729885	258.887	284.119
10)	L2 AR-1221-3	5.098	4.384	42110067	19744990	322.945	347.091
11)	L3 AR-1232-1	5.098	4.384	42110067	19744990	438.046	482.946
12)	L3 AR-1232-2	5.634	5.158	64085977	3345706	1237.168	74.965 #
13)	L3 AR-1232-3	5.926	5.344	132.2E6	25975580	1246.042	1079.574
14)	L3 AR-1232-4	6.090	5.421	67255469	10241825	1269.195	453.465 #
15)	L3 AR-1232-5	6.177	5.605	58387893	12093807	1435.144	499.653 #
16)	L4 AR-1242-1	5.903	5.127	90995246	64328238	594.507	913.559 #
17)	L4 AR-1242-2	5.926	5.158	132.2E6	3345706	578.814	33.206 #
18)	L4 AR-1242-3	5.989	5.344	82141793	25975580	572.282	485.217
19)	L4 AR-1242-4	6.090	5.421	67255469	10241825	583.094	188.685 #
20)	L4 AR-1242-5	6.829	5.959	10069763	3666876	75.810	49.884 #
21)	L5 AR-1248-1	5.903	5.127	90995246	64328238	845.761	1281.933 #
22)	L5 AR-1248-2	6.177	5.388	58387893	31903035	358.164	447.705
23)	L5 AR-1248-3	6.385	5.421	66328124	10241825	362.670	139.815 #
24)	L5 AR-1248-4	6.829	5.605	10069763	12093807	48.029	133.748 #
25)	L5 AR-1248-5	6.829	6.006	10069763	3976733	49.962	44.324
26)	L6 AR-1254-1	6.763	5.959	59195253	3666876	246.509	22.807 #
27)	L6 AR-1254-2	6.980	6.135	54396094	-998471	144.231	N.D. #
28)	L6 AR-1254-3	7.351	6.485	27478431	57418268	67.684	238.812 #
29)	L6 AR-1254-4	6.637	6.726	17306296	15280485	61.482	98.603 #
30)	L6 AR-1254-5	8.057	7.155	181.7E6	60721467	562.901	299.526 #
31)	L7 AR-1260-1	7.513	6.658	125.1E6	920942	293.936	4.504 #
32)	L7 AR-1260-2	7.770	6.787	146.8E6	85865644	285.874	335.206
33)	L7 AR-1260-3	8.132	6.947	95612491	21709284	247.172	90.749 #
34)	L7 AR-1260-4	8.373	7.461	118.0E6	7601885	258.748	38.406 #
35)	L7 AR-1260-5	8.714	7.713	228.9E6	3119296	241.724	6.344 #
36)	L8 AR-1262-1	8.132	7.155	95612491	60721467	241.204	281.997
37)	L8 AR-1262-2	8.714	7.658	228.9E6	138.6E6	320.905	355.841
38)	L8 AR-1262-3	9.069	7.944	143.9E6	22514021	300.584	151.219 #
39)	L8 AR-1262-4	9.127	8.009	79363301	96164812	209.704	337.373 #
40)	L8 AR-1262-5	9.856	8.579	53510064	1745557	217.728	14.769 #
41)	L9 AR-1268-1	9.069	7.944	143.9E6	22514021	90.742	28.116 #

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Integration File signal 1: autoint1.e
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 Quant Time: Mar 28 03:28:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 2019
 Response via : Initial Calibration
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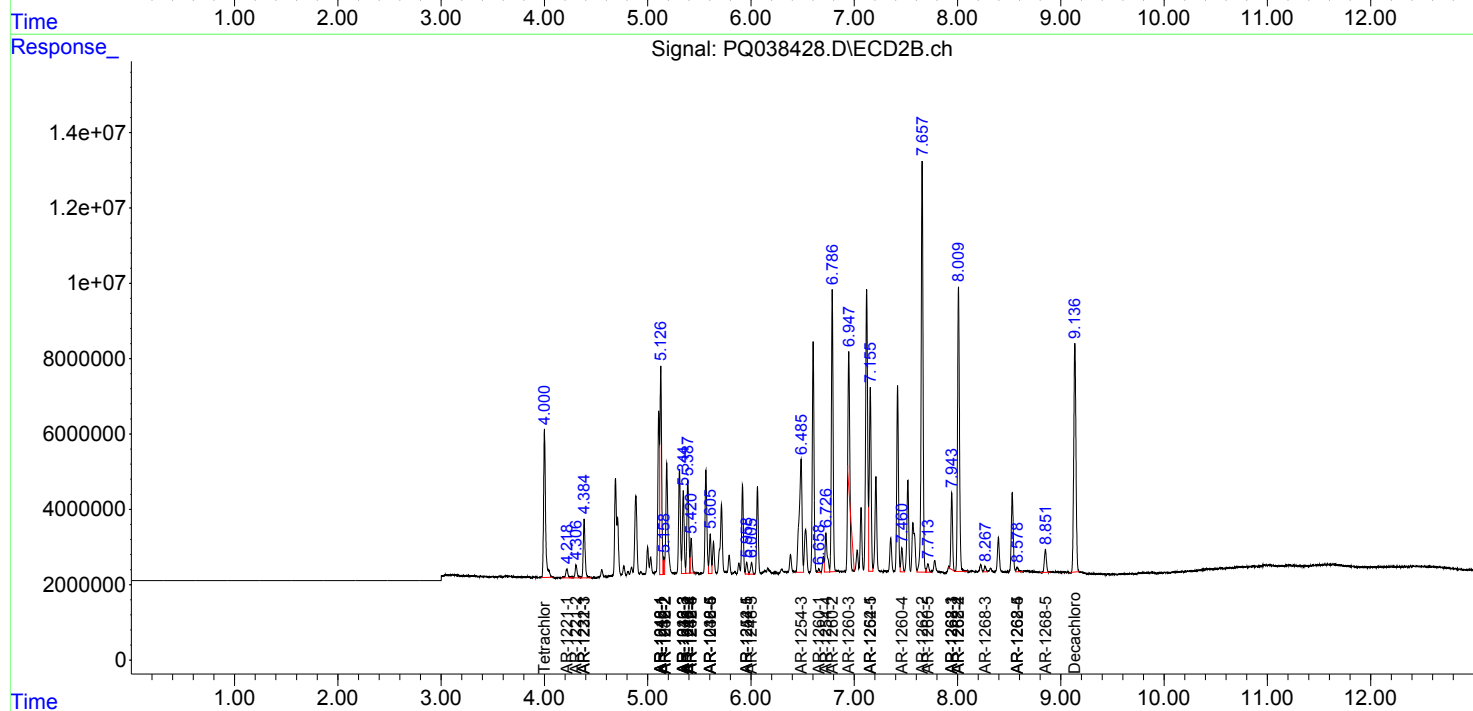
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

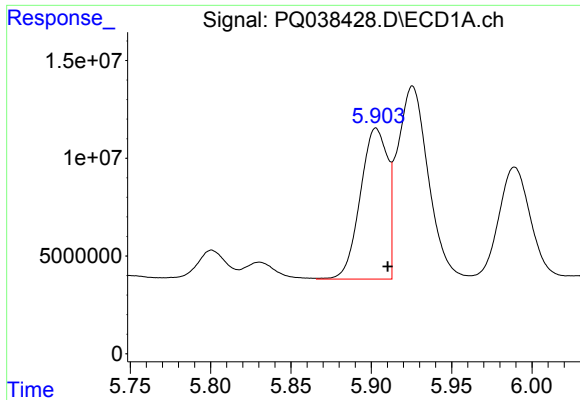
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.127	8.009	79363301	96164812	54.612	132.484 #
43) L9	AR-1268-3	9.395	8.268	4484206	1817705	3.478	2.889
44) L9	AR-1268-4	9.856	8.579	53510064	1745557	112.030	7.414 #
45) L9	AR-1268-5	10.306	8.851	18342978	8353151	4.258	4.337

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

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD

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

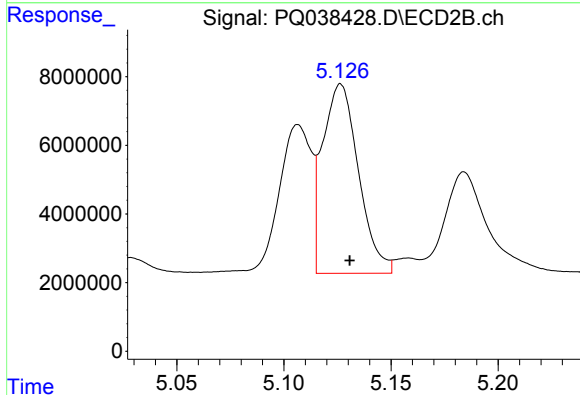




#3 AR-1016-1

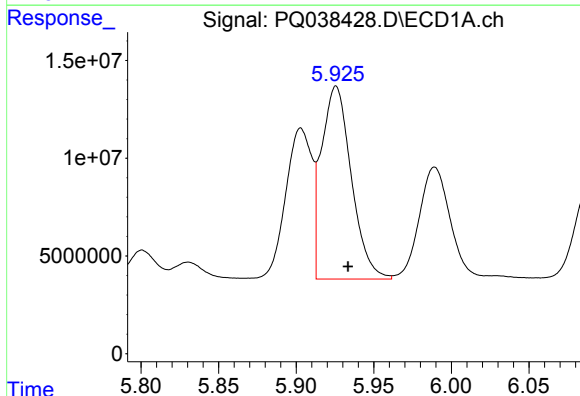
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 90995246
Conc: 381.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



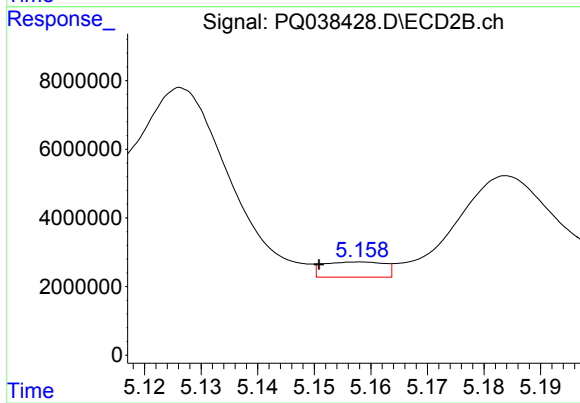
#3 AR-1016-1

R.T.: 5.127 min
Delta R.T.: -0.004 min
Response: 64328238
Conc: 602.11 ng/ml



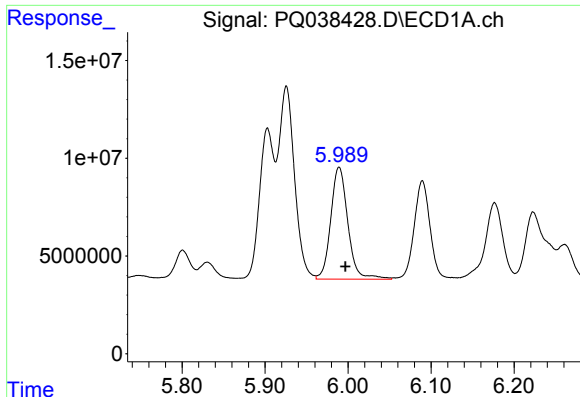
#4 AR-1016-2

R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: 132243874
Conc: 364.28 ng/ml



#4 AR-1016-2

R.T.: 5.158 min
Delta R.T.: 0.007 min
Response: 3345706
Conc: 21.60 ng/ml



#5 AR-1016-3

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 82141793
Conc: 369.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD

#5 AR-1016-3

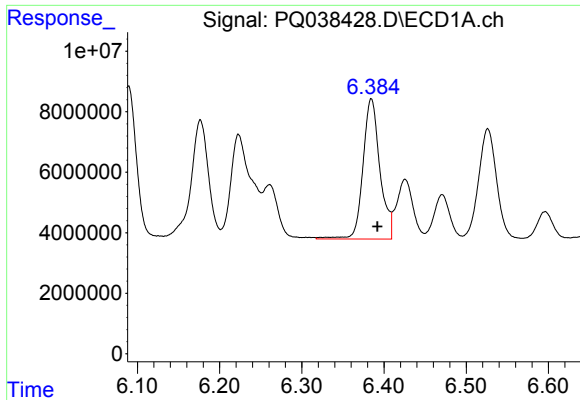
R.T.: 5.344 min
Delta R.T.: 0.013 min
Response: 25975580
Conc: 323.95 ng/ml

#6 AR-1016-4

R.T.: 6.090 min
Delta R.T.: -0.008 min
Response: 67255469
Conc: 364.82 ng/ml

#6 AR-1016-4

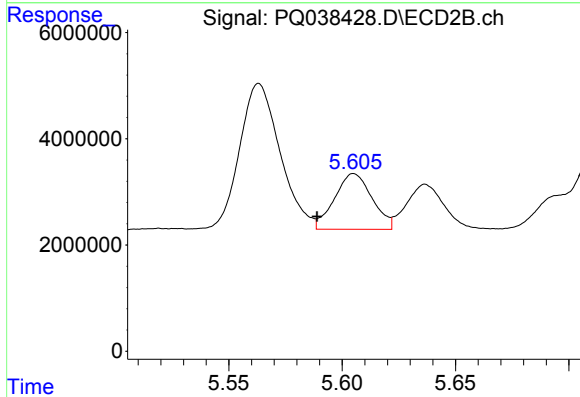
R.T.: 5.388 min
Delta R.T.: 0.019 min
Response: 31903035
Conc: 502.45 ng/ml



#7 AR-1016-5

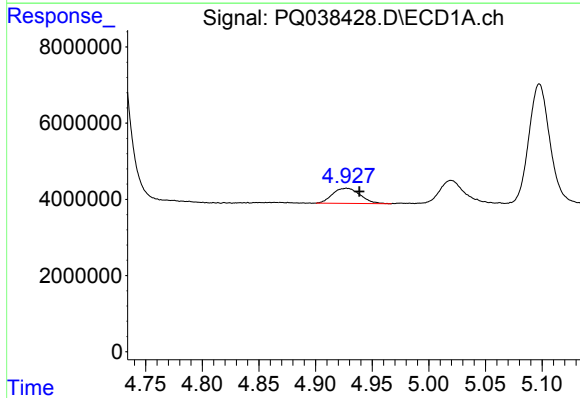
R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 66328124
Conc: 359.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



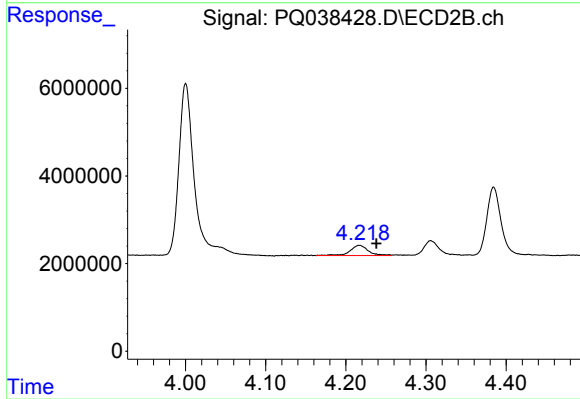
#7 AR-1016-5

R.T.: 5.605 min
Delta R.T.: 0.016 min
Response: 12093807
Conc: 138.08 ng/ml



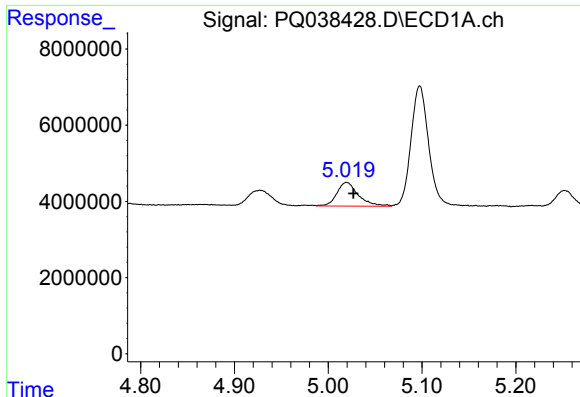
#8 AR-1221-1

R.T.: 4.927 min
Delta R.T.: -0.011 min
Response: 6762409
Conc: 126.16 ng/ml



#8 AR-1221-1

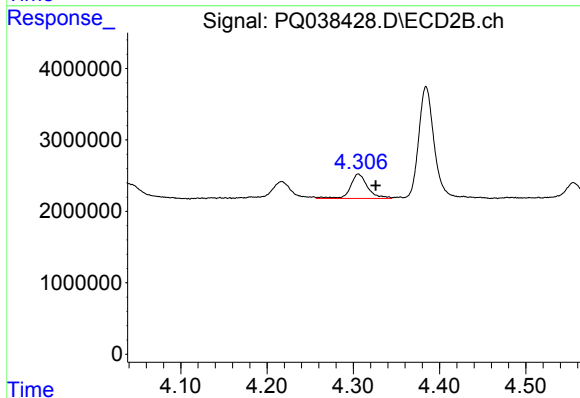
R.T.: 4.217 min
Delta R.T.: -0.021 min
Response: 3769970
Conc: 161.52 ng/ml



#9 AR-1221-2

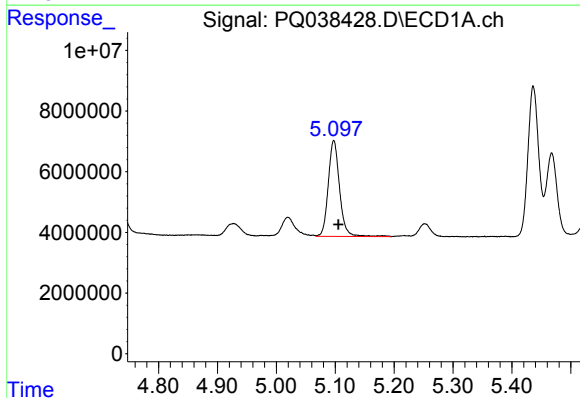
R.T.: 5.020 min
Delta R.T.: -0.007 min
Response: 9878989
Conc: 258.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



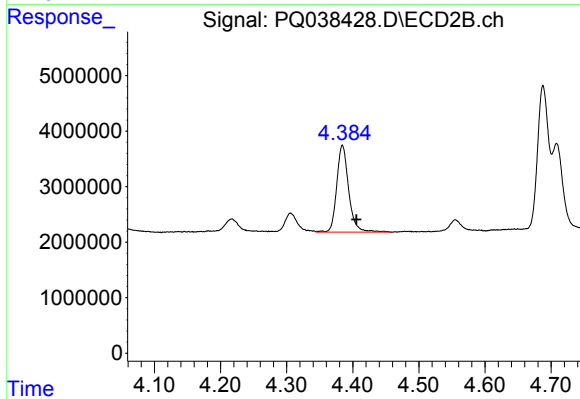
#9 AR-1221-2

R.T.: 4.306 min
Delta R.T.: -0.020 min
Response: 4729885
Conc: 284.12 ng/ml



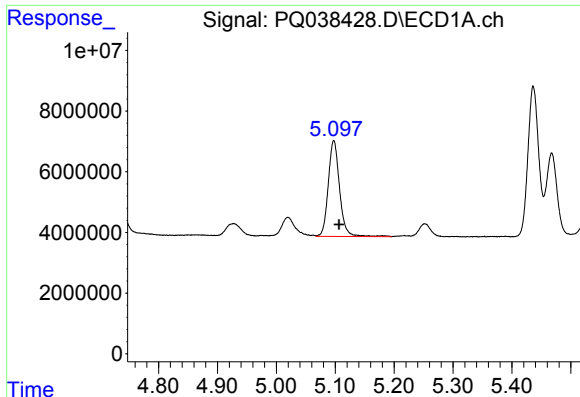
#10 AR-1221-3

R.T.: 5.098 min
Delta R.T.: -0.008 min
Response: 42110067
Conc: 322.94 ng/ml



#10 AR-1221-3

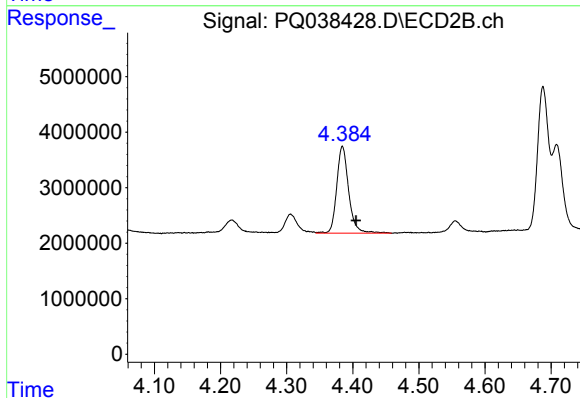
R.T.: 4.384 min
Delta R.T.: -0.021 min
Response: 19744990
Conc: 347.09 ng/ml



#11 AR-1232-1

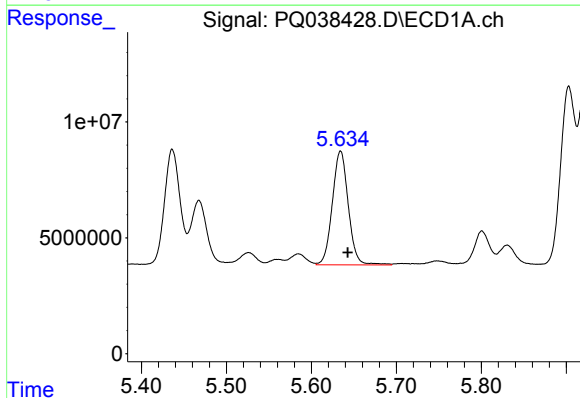
R.T.: 5.098 min
Delta R.T.: -0.009 min
Response: 42110067
Conc: 438.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



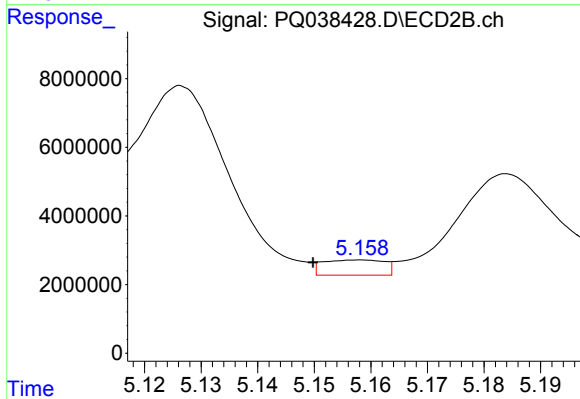
#11 AR-1232-1

R.T.: 4.384 min
Delta R.T.: -0.021 min
Response: 19744990
Conc: 482.95 ng/ml



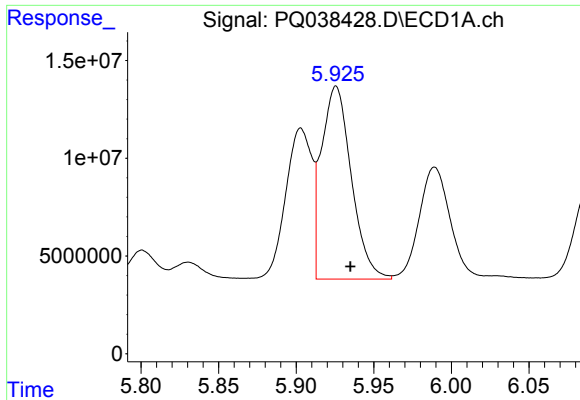
#12 AR-1232-2

R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 64085977
Conc: 1237.17 ng/ml



#12 AR-1232-2

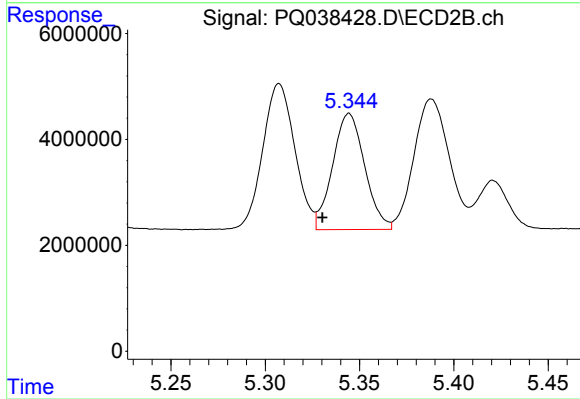
R.T.: 5.158 min
Delta R.T.: 0.008 min
Response: 3345706
Conc: 74.96 ng/ml



#13 AR-1232-3

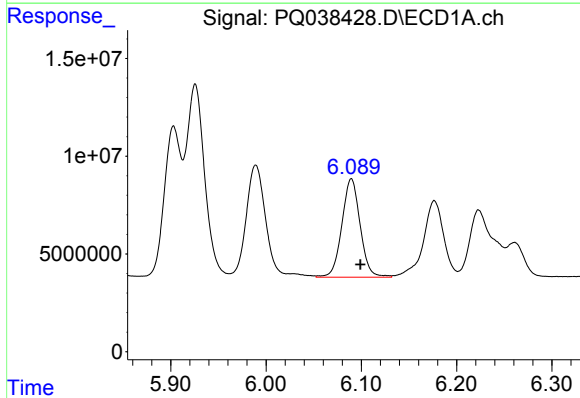
R.T.: 5.926 min
Delta R.T.: -0.009 min
Response: 132243874
Conc: 1246.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



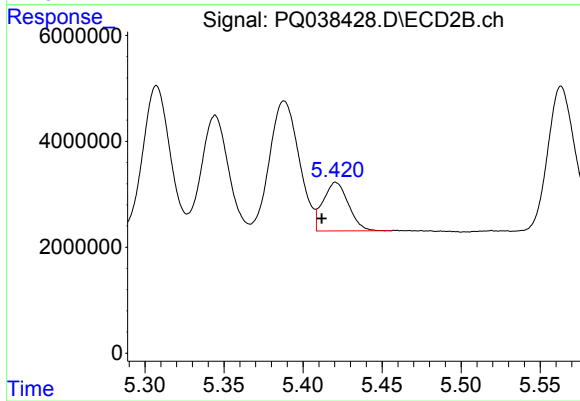
#13 AR-1232-3

R.T.: 5.344 min
Delta R.T.: 0.014 min
Response: 25975580
Conc: 1079.57 ng/ml



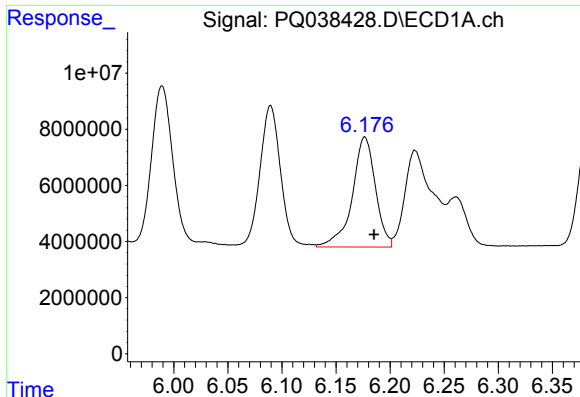
#14 AR-1232-4

R.T.: 6.090 min
Delta R.T.: -0.009 min
Response: 67255469
Conc: 1269.20 ng/ml



#14 AR-1232-4

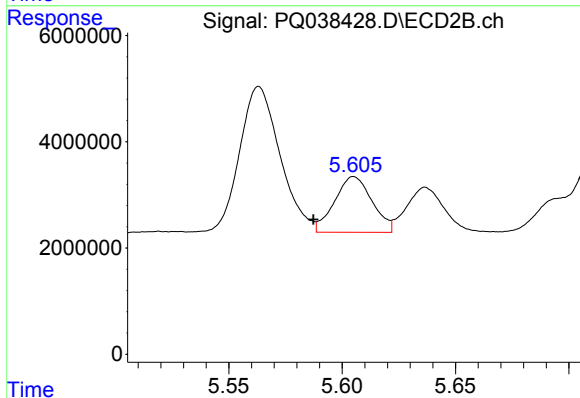
R.T.: 5.421 min
Delta R.T.: 0.009 min
Response: 10241825
Conc: 453.46 ng/ml



#15 AR-1232-5

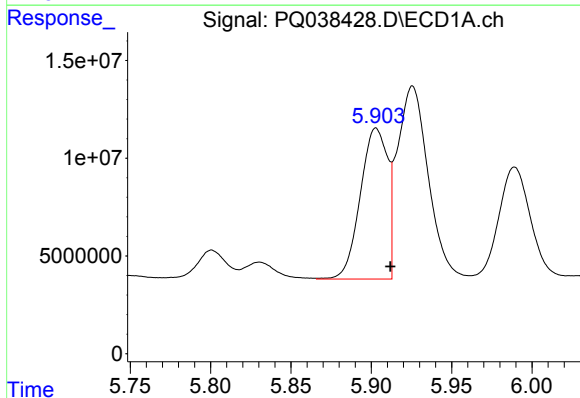
R.T.: 6.177 min
Delta R.T.: -0.009 min
Response: 58387893
Conc: 1435.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



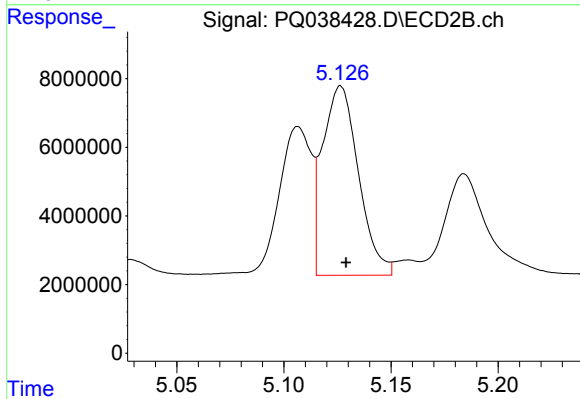
#15 AR-1232-5

R.T.: 5.605 min
Delta R.T.: 0.018 min
Response: 12093807
Conc: 499.65 ng/ml



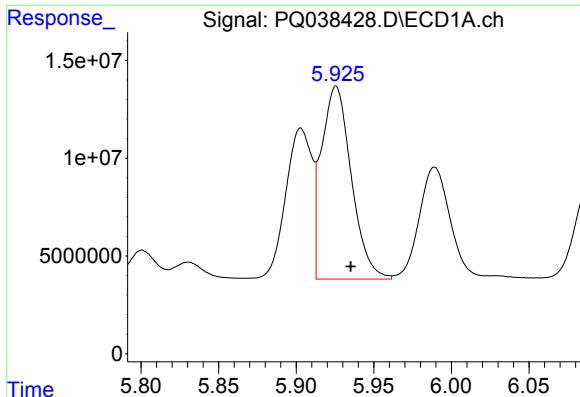
#16 AR-1242-1

R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 90995246
Conc: 594.51 ng/ml



#16 AR-1242-1

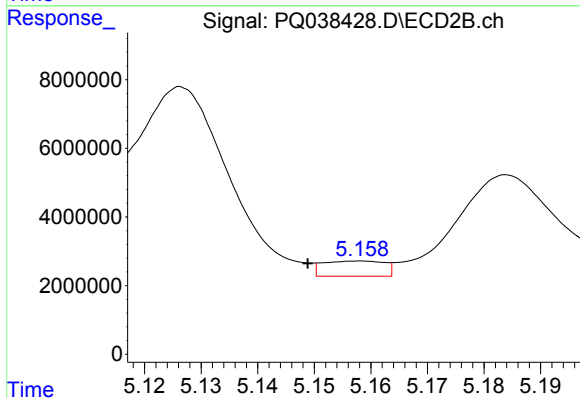
R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 64328238
Conc: 913.56 ng/ml



#17 AR-1242-2

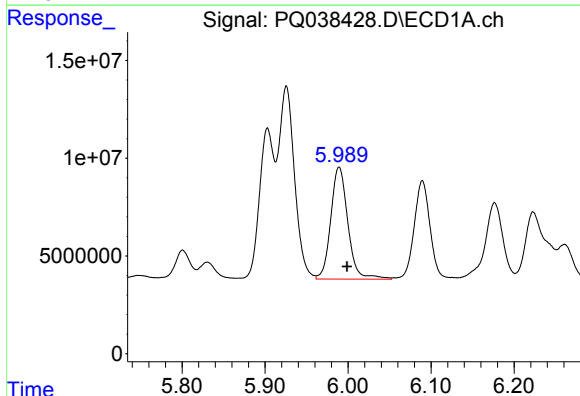
R.T.: 5.926 min
Delta R.T.: -0.010 min
Response: 132243874
Conc: 578.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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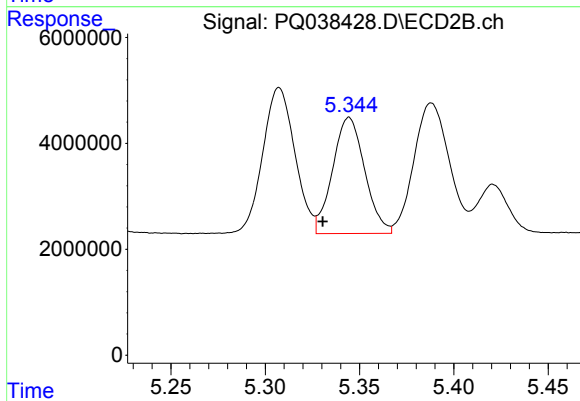
#17 AR-1242-2

R.T.: 5.158 min
Delta R.T.: 0.009 min
Response: 3345706
Conc: 33.21 ng/ml



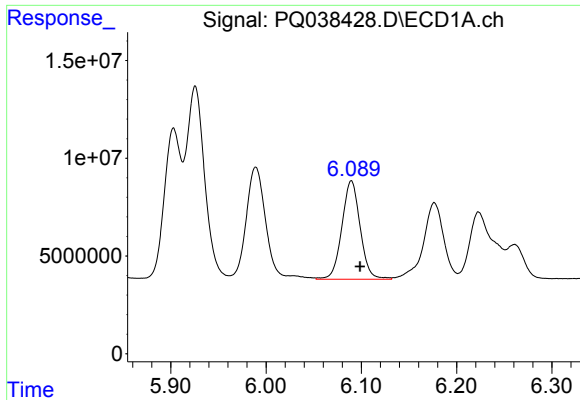
#18 AR-1242-3

R.T.: 5.989 min
Delta R.T.: -0.009 min
Response: 82141793
Conc: 572.28 ng/ml



#18 AR-1242-3

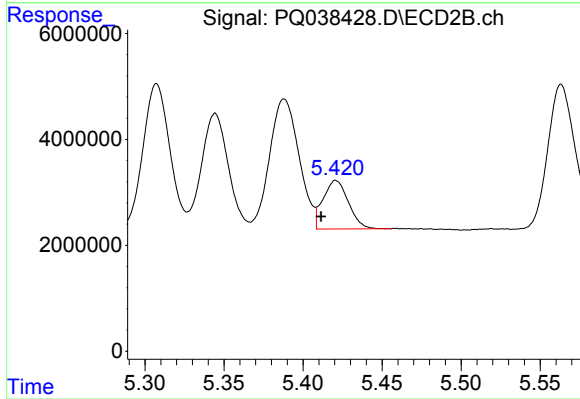
R.T.: 5.344 min
Delta R.T.: 0.014 min
Response: 25975580
Conc: 485.22 ng/ml



#19 AR-1242-4

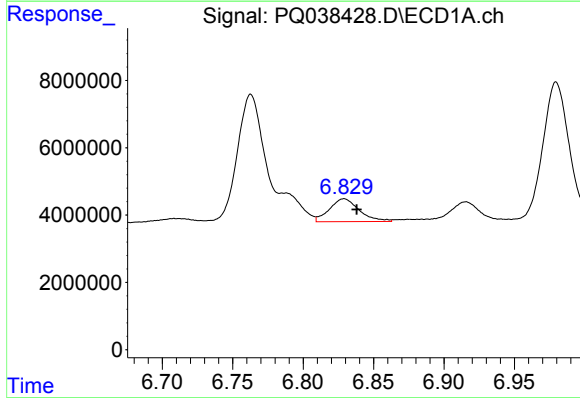
R.T.: 6.090 min
Delta R.T.: -0.009 min
Response: 67255469
Conc: 583.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



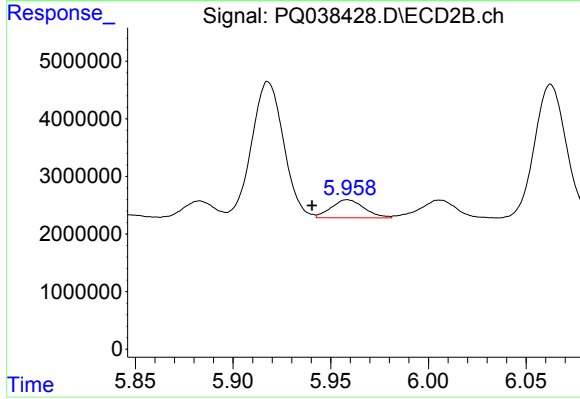
#19 AR-1242-4

R.T.: 5.421 min
Delta R.T.: 0.009 min
Response: 10241825
Conc: 188.68 ng/ml



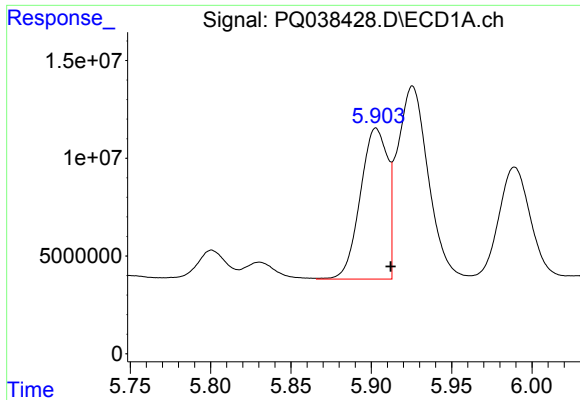
#20 AR-1242-5

R.T.: 6.829 min
Delta R.T.: -0.009 min
Response: 10069763
Conc: 75.81 ng/ml



#20 AR-1242-5

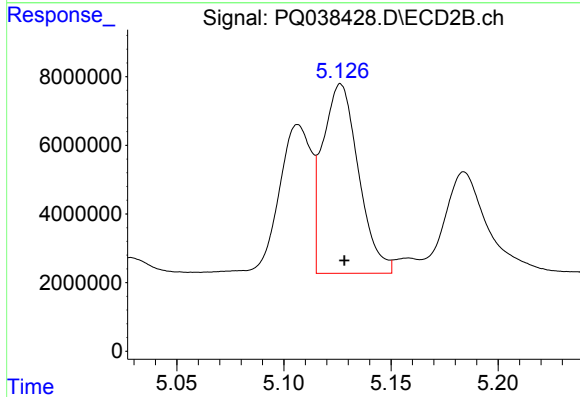
R.T.: 5.959 min
Delta R.T.: 0.018 min
Response: 3666876
Conc: 49.88 ng/ml



#21 AR-1248-1

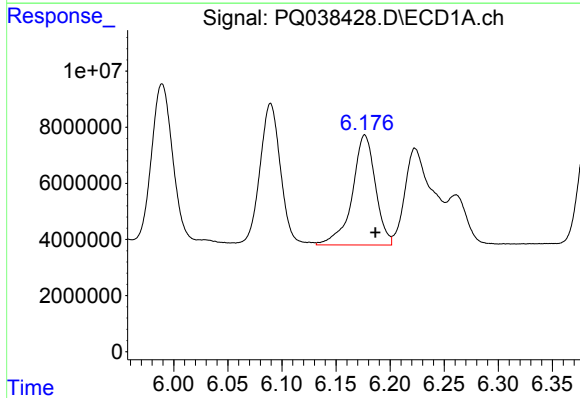
R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 90995246
Conc: 845.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



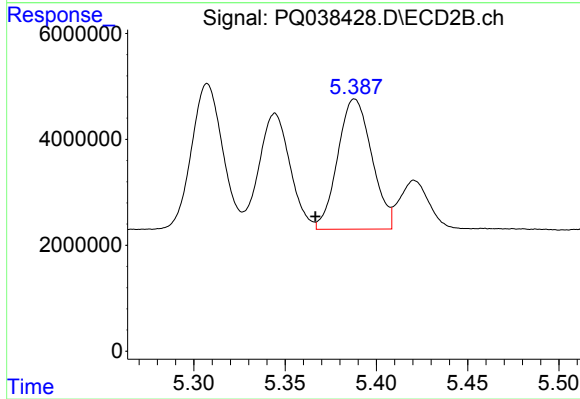
#21 AR-1248-1

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 64328238
Conc: 1281.93 ng/ml



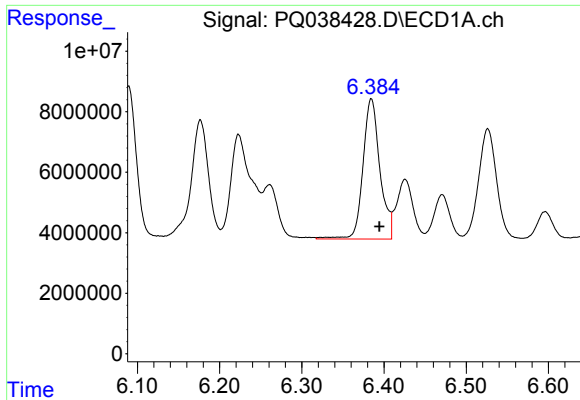
#22 AR-1248-2

R.T.: 6.177 min
Delta R.T.: -0.010 min
Response: 58387893
Conc: 358.16 ng/ml



#22 AR-1248-2

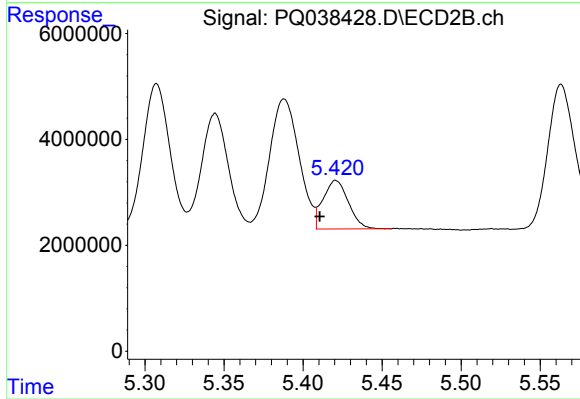
R.T.: 5.388 min
Delta R.T.: 0.021 min
Response: 31903035
Conc: 447.70 ng/ml



#23 AR-1248-3

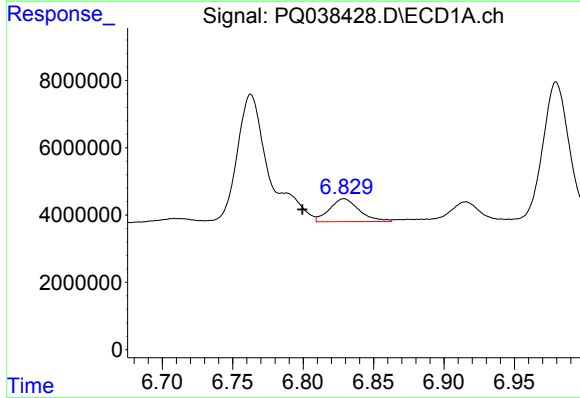
R.T.: 6.385 min
Delta R.T.: -0.010 min
Response: 66328124
Conc: 362.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



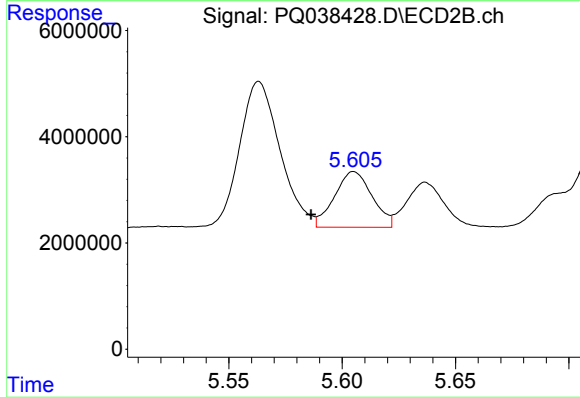
#23 AR-1248-3

R.T.: 5.421 min
Delta R.T.: 0.010 min
Response: 10241825
Conc: 139.82 ng/ml



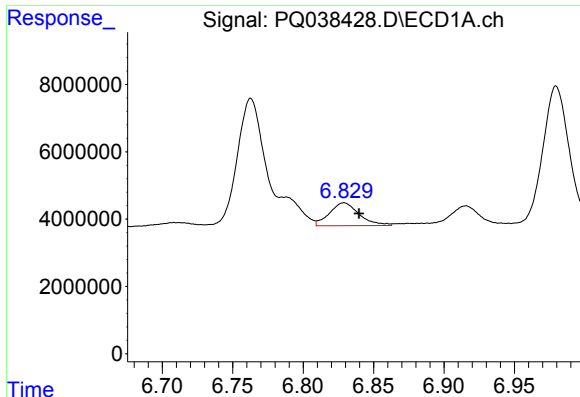
#24 AR-1248-4

R.T.: 6.829 min
Delta R.T.: 0.029 min
Response: 10069763
Conc: 48.03 ng/ml



#24 AR-1248-4

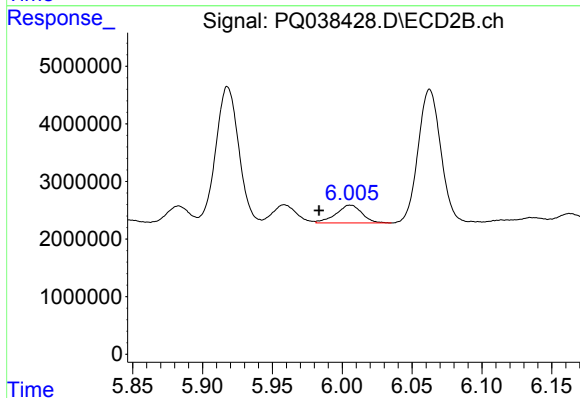
R.T.: 5.605 min
Delta R.T.: 0.019 min
Response: 12093807
Conc: 133.75 ng/ml



#25 AR-1248-5

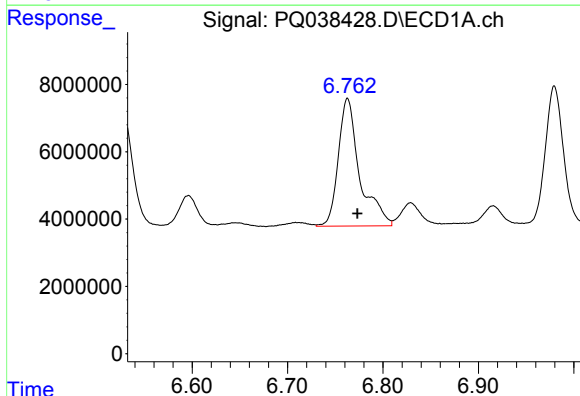
R.T.: 6.829 min
Delta R.T.: -0.011 min
Response: 10069763
Conc: 49.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



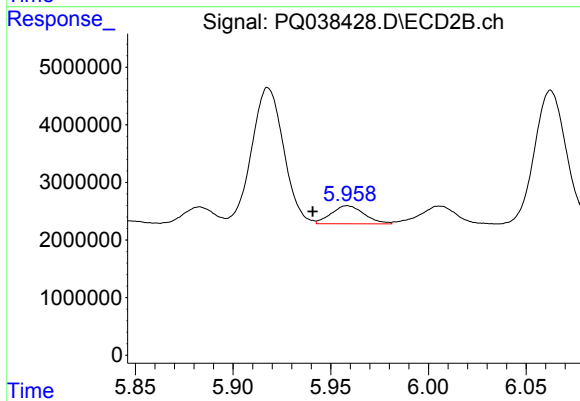
#25 AR-1248-5

R.T.: 6.006 min
Delta R.T.: 0.023 min
Response: 3976733
Conc: 44.32 ng/ml



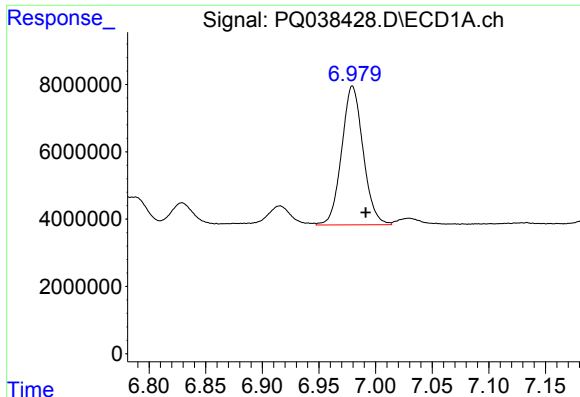
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: -0.010 min
Response: 59195253
Conc: 246.51 ng/ml



#26 AR-1254-1

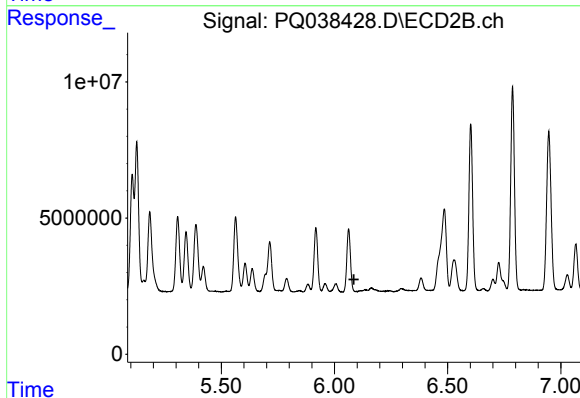
R.T.: 5.959 min
Delta R.T.: 0.018 min
Response: 3666876
Conc: 22.81 ng/ml



#27 AR-1254-2

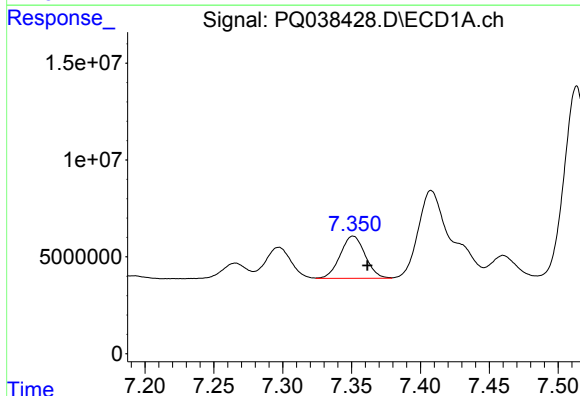
R.T.: 6.980 min
Delta R.T.: -0.012 min
Response: 54396094
Conc: 144.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



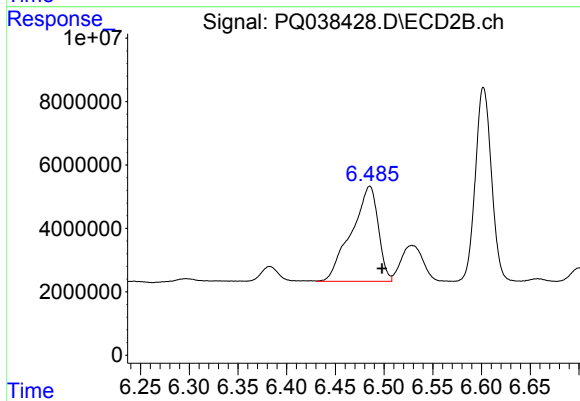
#27 AR-1254-2

R.T.: 6.135 min
Delta R.T.: 0.049 min
Response: -998471
Conc: N.D.



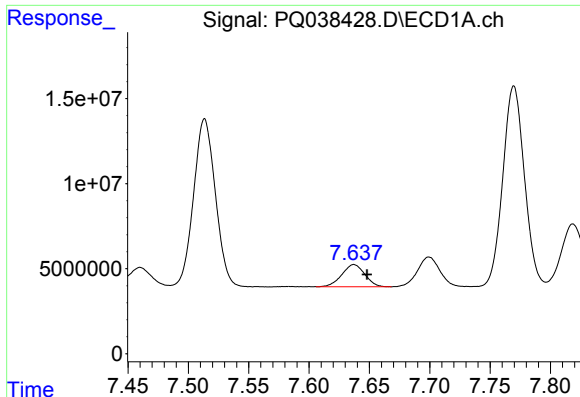
#28 AR-1254-3

R.T.: 7.351 min
Delta R.T.: -0.010 min
Response: 27478431
Conc: 67.68 ng/ml



#28 AR-1254-3

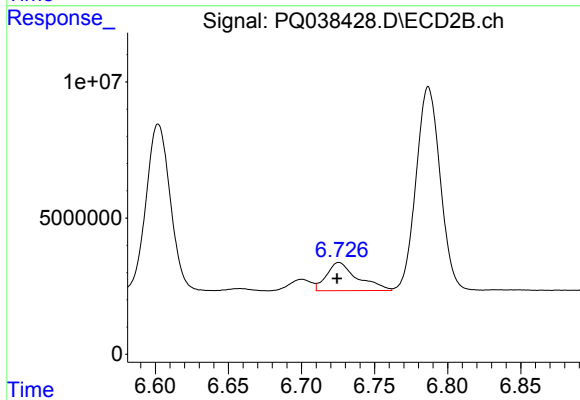
R.T.: 6.485 min
Delta R.T.: -0.013 min
Response: 57418268
Conc: 238.81 ng/ml



#29 AR-1254-4

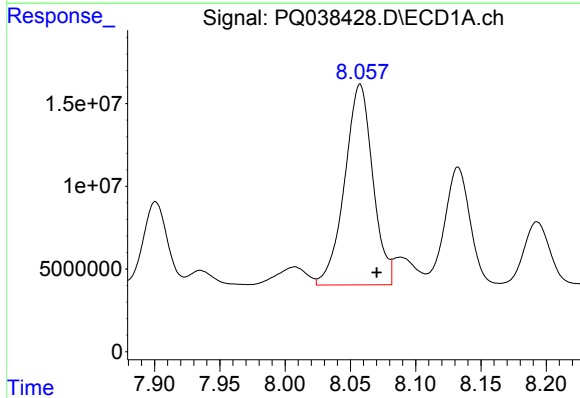
R.T.: 7.637 min
Delta R.T.: -0.011 min
Response: 17306296
Conc: 61.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



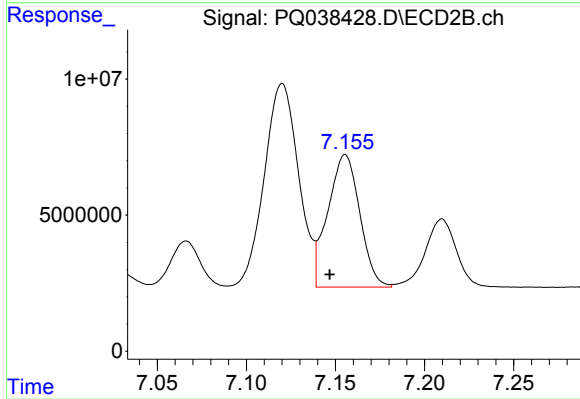
#29 AR-1254-4

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 15280485
Conc: 98.60 ng/ml



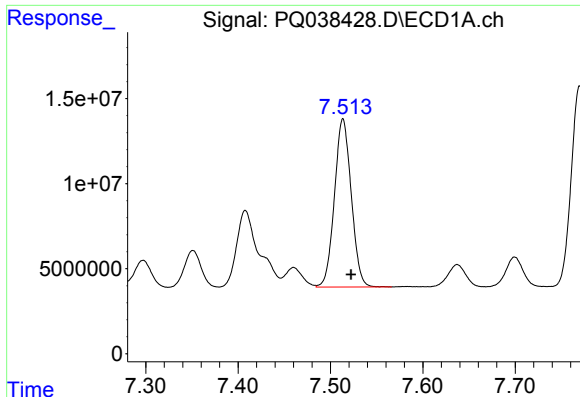
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: -0.013 min
Response: 181696078
Conc: 562.90 ng/ml



#30 AR-1254-5

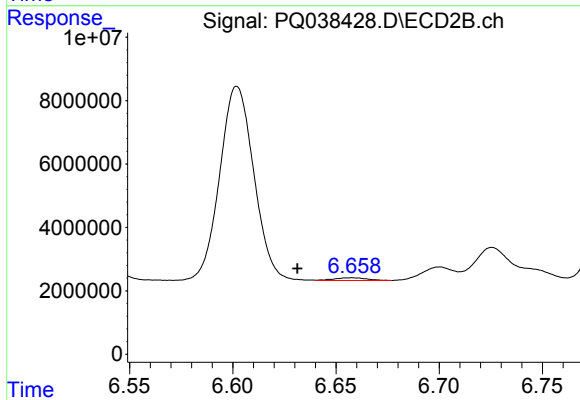
R.T.: 7.155 min
Delta R.T.: 0.009 min
Response: 60721467
Conc: 299.53 ng/ml



#31 AR-1260-1

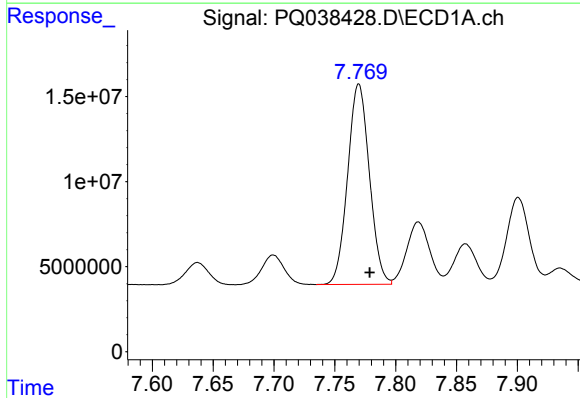
R.T.: 7.513 min
Delta R.T.: -0.009 min
Response: 125058870
Conc: 293.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



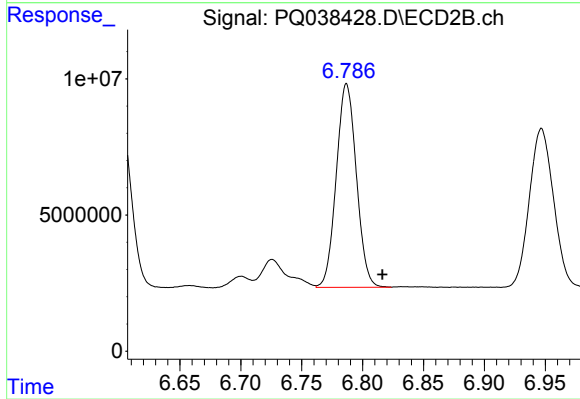
#31 AR-1260-1

R.T.: 6.658 min
Delta R.T.: 0.026 min
Response: 920942
Conc: 4.50 ng/ml



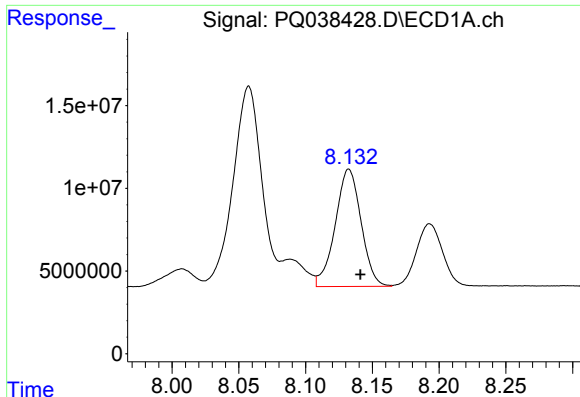
#32 AR-1260-2

R.T.: 7.770 min
Delta R.T.: -0.009 min
Response: 146753868
Conc: 285.87 ng/ml



#32 AR-1260-2

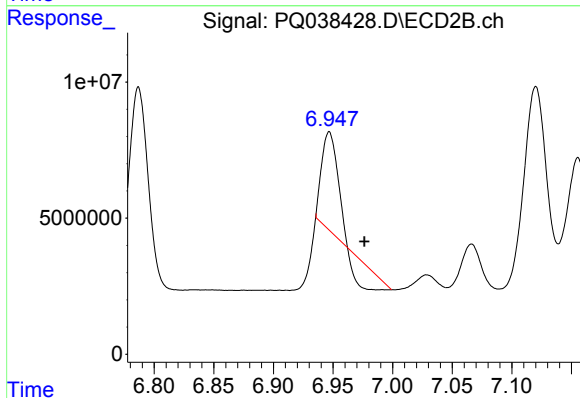
R.T.: 6.787 min
Delta R.T.: -0.029 min
Response: 85865644
Conc: 335.21 ng/ml



#33 AR-1260-3

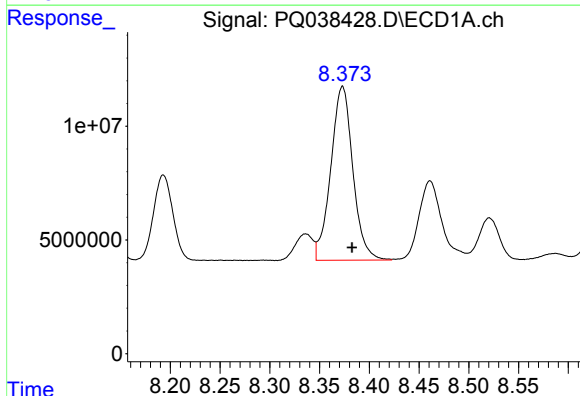
R.T.: 8.132 min
Delta R.T.: -0.009 min
Response: 95612491
Conc: 247.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



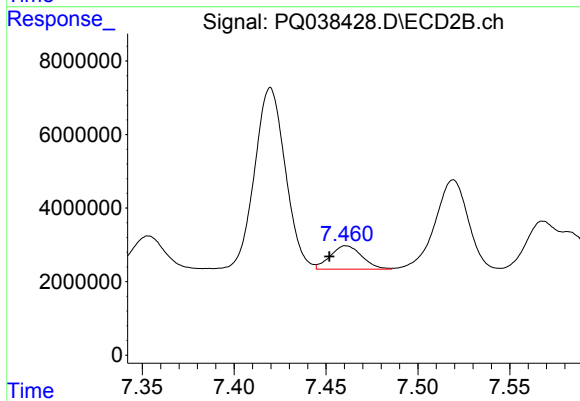
#33 AR-1260-3

R.T.: 6.947 min
Delta R.T.: -0.030 min
Response: 21709284
Conc: 90.75 ng/ml



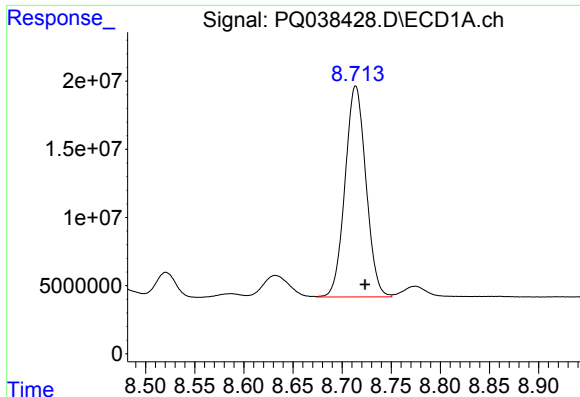
#34 AR-1260-4

R.T.: 8.373 min
Delta R.T.: -0.010 min
Response: 118024847
Conc: 258.75 ng/ml



#34 AR-1260-4

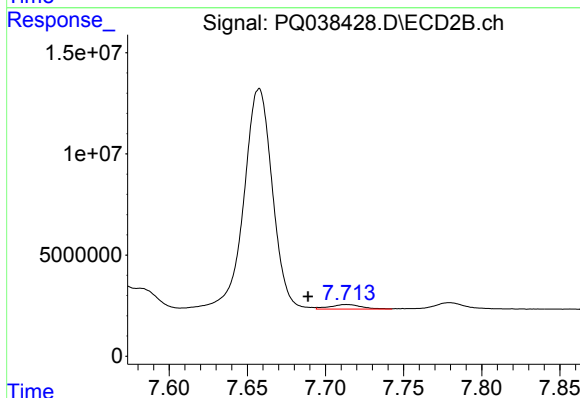
R.T.: 7.461 min
Delta R.T.: 0.009 min
Response: 7601885
Conc: 38.41 ng/ml



#35 AR-1260-5

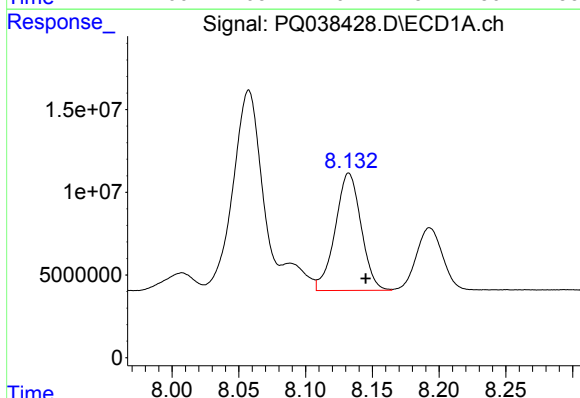
R.T.: 8.714 min
Delta R.T.: -0.010 min
Response: 228901471
Conc: 241.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



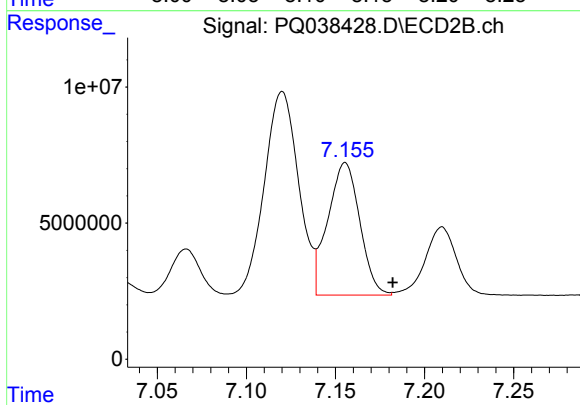
#35 AR-1260-5

R.T.: 7.713 min
Delta R.T.: 0.025 min
Response: 3119296
Conc: 6.34 ng/ml



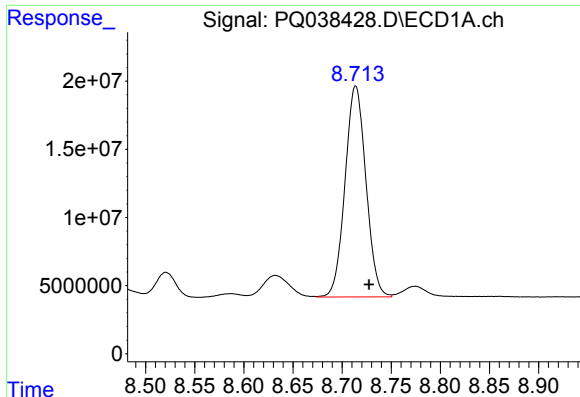
#36 AR-1262-1

R.T.: 8.132 min
Delta R.T.: -0.013 min
Response: 95612491
Conc: 241.20 ng/ml



#36 AR-1262-1

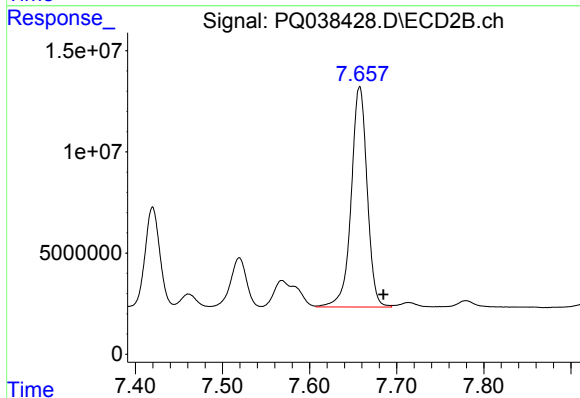
R.T.: 7.155 min
Delta R.T.: -0.027 min
Response: 60721467
Conc: 282.00 ng/ml



#37 AR-1262-2

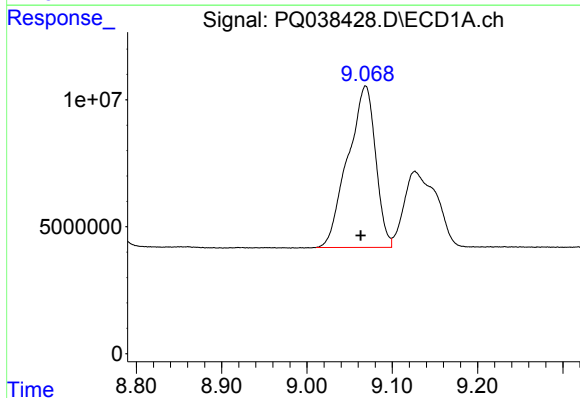
R.T.: 8.714 min
Delta R.T.: -0.014 min
Response: 228901471
Conc: 320.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



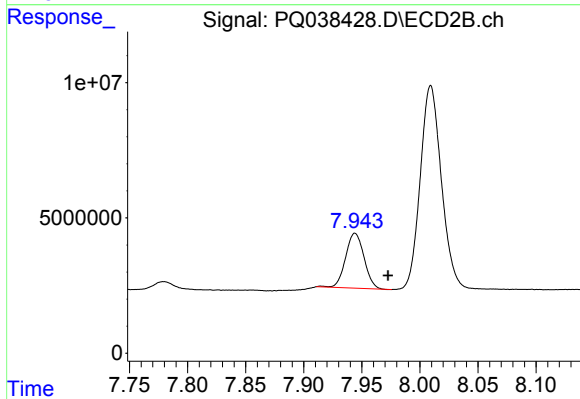
#37 AR-1262-2

R.T.: 7.658 min
Delta R.T.: -0.027 min
Response: 138632665
Conc: 355.84 ng/ml



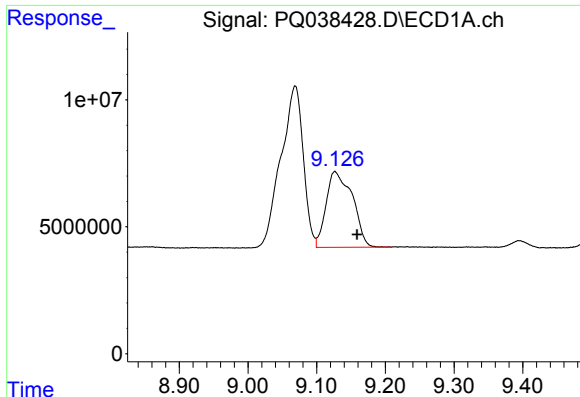
#38 AR-1262-3

R.T.: 9.069 min
Delta R.T.: 0.006 min
Response: 143874534
Conc: 300.58 ng/ml



#38 AR-1262-3

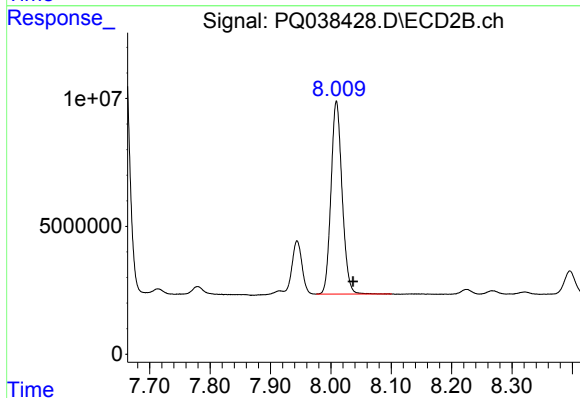
R.T.: 7.944 min
Delta R.T.: -0.028 min
Response: 22514021
Conc: 151.22 ng/ml



#39 AR-1262-4

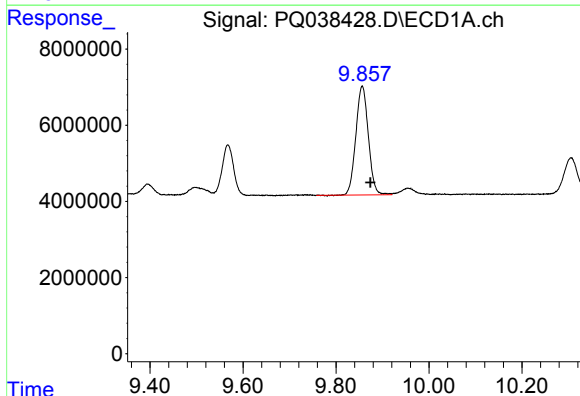
R.T.: 9.127 min
Delta R.T.: -0.032 min
Response: 79363301
Conc: 209.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



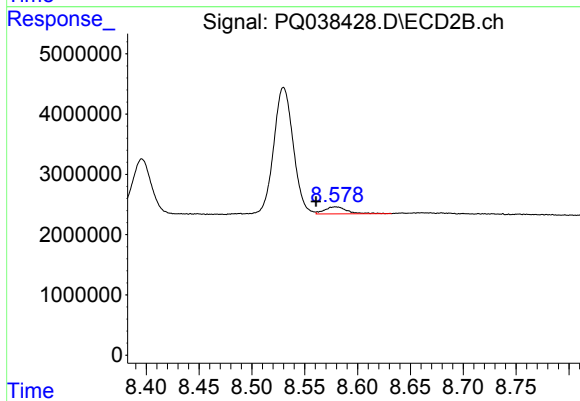
#39 AR-1262-4

R.T.: 8.009 min
Delta R.T.: -0.028 min
Response: 96164812
Conc: 337.37 ng/ml



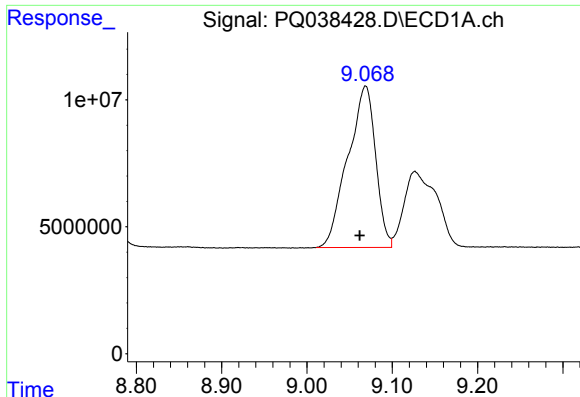
#40 AR-1262-5

R.T.: 9.856 min
Delta R.T.: -0.018 min
Response: 53510064
Conc: 217.73 ng/ml



#40 AR-1262-5

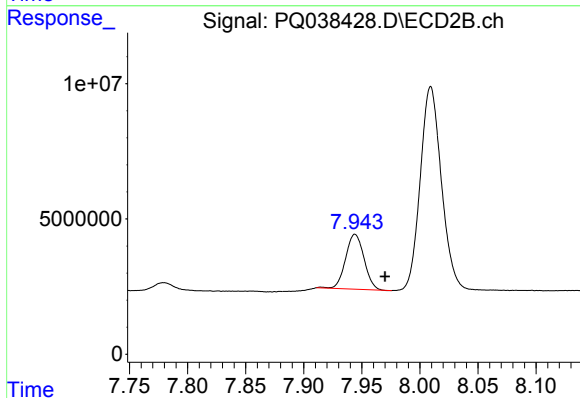
R.T.: 8.579 min
Delta R.T.: 0.019 min
Response: 1745557
Conc: 14.77 ng/ml



#41 AR-1268-1

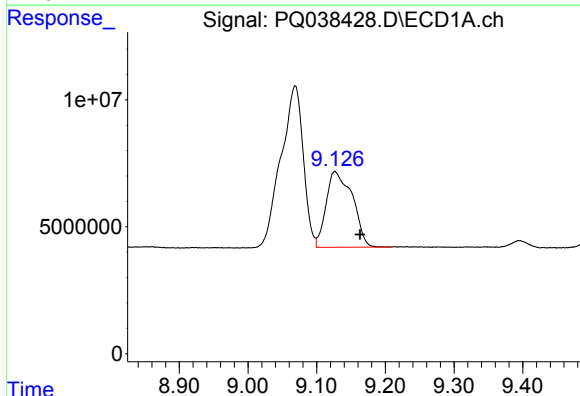
R.T.: 9.069 min
Delta R.T.: 0.007 min
Response: 143874534
Conc: 90.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



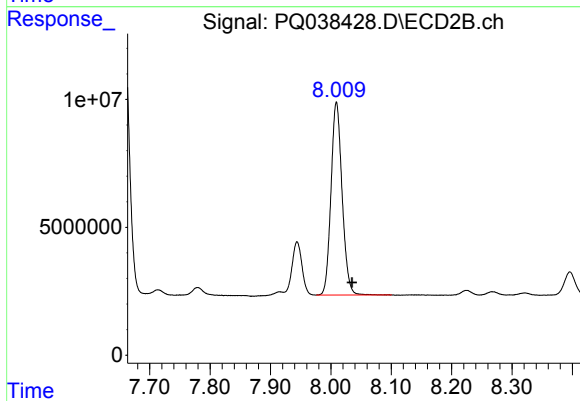
#41 AR-1268-1

R.T.: 7.944 min
Delta R.T.: -0.026 min
Response: 22514021
Conc: 28.12 ng/ml



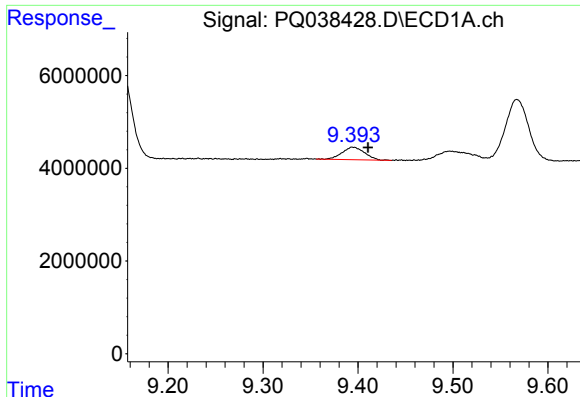
#42 AR-1268-2

R.T.: 9.127 min
Delta R.T.: -0.036 min
Response: 79363301
Conc: 54.61 ng/ml



#42 AR-1268-2

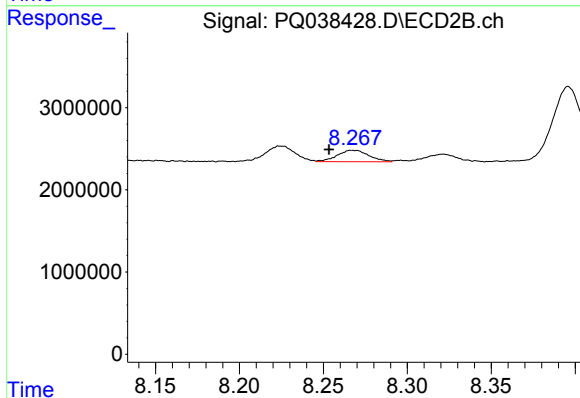
R.T.: 8.009 min
Delta R.T.: -0.026 min
Response: 96164812
Conc: 132.48 ng/ml



#43 AR-1268-3

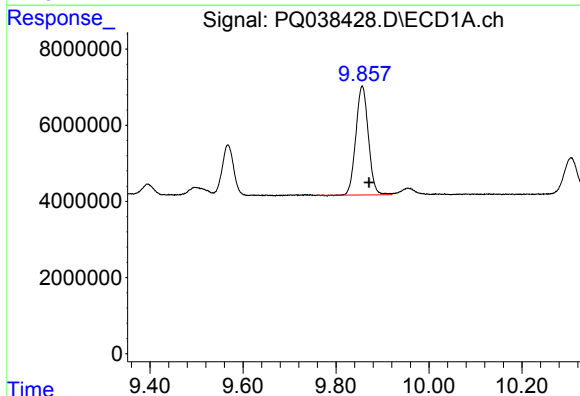
R.T.: 9.395 min
Delta R.T.: -0.016 min
Response: 4484206
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



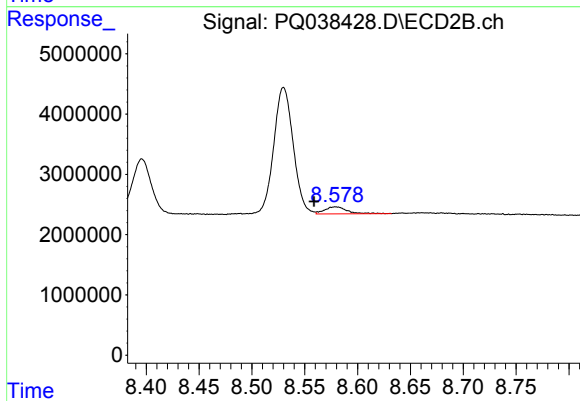
#43 AR-1268-3

R.T.: 8.268 min
Delta R.T.: 0.014 min
Response: 1817705
Conc: 2.89 ng/ml



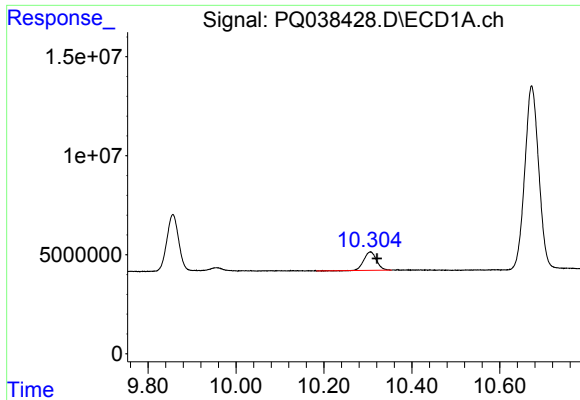
#44 AR-1268-4

R.T.: 9.856 min
Delta R.T.: -0.015 min
Response: 53510064
Conc: 112.03 ng/ml



#44 AR-1268-4

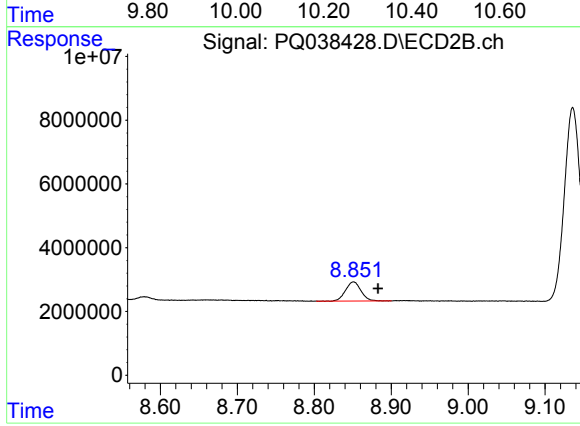
R.T.: 8.579 min
Delta R.T.: 0.020 min
Response: 1745557
Conc: 7.41 ng/ml



#45 AR-1268-5

R.T.: 10.306 min
Delta R.T.: -0.015 min
Response: 18342978
Conc: 4.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7S8MSD



#45 AR-1268-5

R.T.: 8.851 min
Delta R.T.: -0.032 min
Response: 8353151
Conc: 4.34 ng/ml