

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040919\
 Data File : PQ039004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2019 09:43
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 05:34:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.708	4.802	87949353	43500897	18.356	19.095
2)	SA Decachlor...	12.117	10.571	166.1E6	87702362	25.111	25.771
Target Compounds							
3)	L1 AR-1016-1	7.182	6.280	156.0E6	74957580	576.849	502.796
4)	L1 AR-1016-2	7.182	6.280	156.0E6	74957580	385.514	345.615
5)	L1 AR-1016-3	7.253	6.495	98946593	37520282	386.615	332.709
6)	L1 AR-1016-4	7.367	6.549	70705259	27890256	338.381	322.673
7)	L1 AR-1016-5	7.702	6.802	78637990	45962399	365.271	355.969
8)	L2 AR-1221-1	5.984	5.109	11516733	4306853	198.673	148.202 #
9)	L2 AR-1221-2	6.098	5.228	17168226	5122524	427.438	245.886 #
10)	L2 AR-1221-3	6.194	5.332	58683352	27359253	415.654	372.623
11)	L3 AR-1232-1	6.194	5.332	58683352	27359253	605.151	530.848
12)	L3 AR-1232-2	6.840	6.280	66971749	74957580	1194.801	1288.071
13)	L3 AR-1232-3	7.182	6.495	156.0E6	37520282	1463.534	1234.683
14)	L3 AR-1232-4	7.367	6.598	70705259	38670776	1277.590	1384.211
15)	L3 AR-1232-5	7.472	6.802	55704202	45962399	1428.261	1401.030
16)	L4 AR-1242-1	7.182	6.280	156.0E6	74957580	1022.250	865.050
17)	L4 AR-1242-2	7.182	6.280	156.0E6	74957580	693.560	601.019
18)	L4 AR-1242-3	7.253	6.495	98946593	37520282	698.421	559.792
19)	L4 AR-1242-4	7.367	6.598	70705259	38670776	611.099	572.478
20)	L4 AR-1242-5	8.189	7.210	29236598	46263954	215.310	484.492 #
21)	L5 AR-1248-1	7.182	6.280	156.0E6	74957580	1479.859	1243.055
22)	L5 AR-1248-2	7.472	6.549	55704202	27890256	372.053	329.606
23)	L5 AR-1248-3	7.702	6.598	78637990	38670776	430.232	435.432
24)	L5 AR-1248-4	8.147	6.802	30583679	45962399	150.506	400.884 #
25)	L5 AR-1248-5	8.189	7.257	29236598	10371803	144.066	90.087 #
26)	L6 AR-1254-1	8.147	7.210	30583679	46263954	141.738	251.775 #
27)	L6 AR-1254-2	8.355	7.378	71143673	33420460	210.000	206.476
28)	L6 AR-1254-3	8.749	7.842	36555310	65531418	98.356	231.938 #
29)	L6 AR-1254-4	9.051	8.105	28300219	19364298	110.974	116.702
30)	L6 AR-1254-5	9.489	8.520	257.0E6	135.2E6	862.392	548.822 #
31)	L7 AR-1260-1	8.922	7.967	142.6E6	98758027	298.100	326.007
32)	L7 AR-1260-2	9.191	8.169	194.2E6	122.5E6	341.933	330.673
33)	L7 AR-1260-3	9.566	8.335	142.8E6	112.6E6	327.862	321.171
34)	L7 AR-1260-4	9.810	8.833	165.1E6	90346192	321.590	312.864
35)	L7 AR-1260-5	10.159	9.084	336.5E6	222.6E6	324.084	313.867
36)	L8 AR-1262-1	9.566	8.559	142.8E6	95569612	384.531	365.033
37)	L8 AR-1262-2	10.159	9.084	336.5E6	222.6E6	508.974	465.822
38)	L8 AR-1262-3	10.515	9.376	196.4E6	40922986	434.608	210.773 #
39)	L8 AR-1262-4	10.574	9.443	113.7E6	150.0E6	317.083	407.166 #
40)	L8 AR-1262-5	11.306	9.970	90218840	47058298	362.594	311.531
41)	L9 AR-1268-1	10.515	9.376	196.4E6	40922986	131.464	40.540 #
42)	L9 AR-1268-2	10.651	9.443	86978	150.0E6	0.063	160.780 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040919\
 Data File : PQ039004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2019 09:43
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

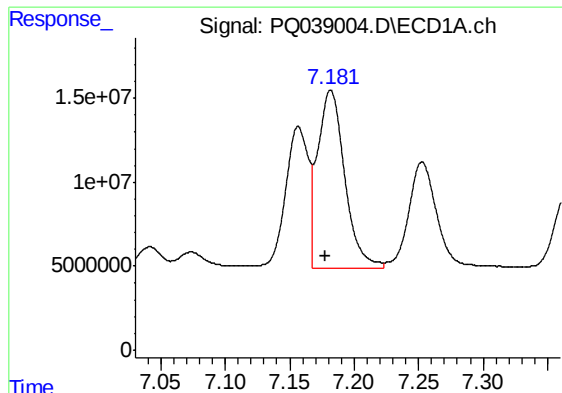
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 05:34:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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
43) L9	AR-1268-3	10.841	9.660	6279600	2476793	5.125	3.133 #
44) L9	AR-1268-4	11.306	9.970	90218840	47058298	179.853	151.379
45) L9	AR-1268-5	11.752	10.290	23265070	10784339	5.513	4.331

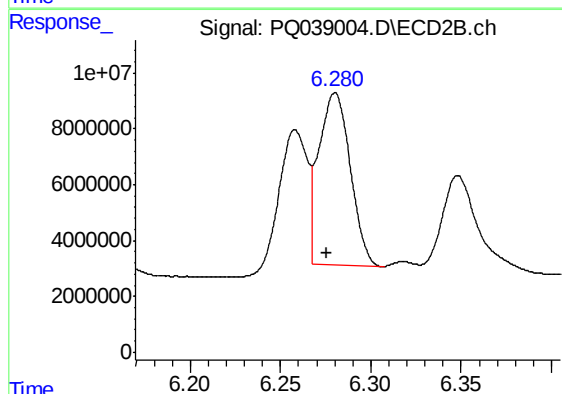
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

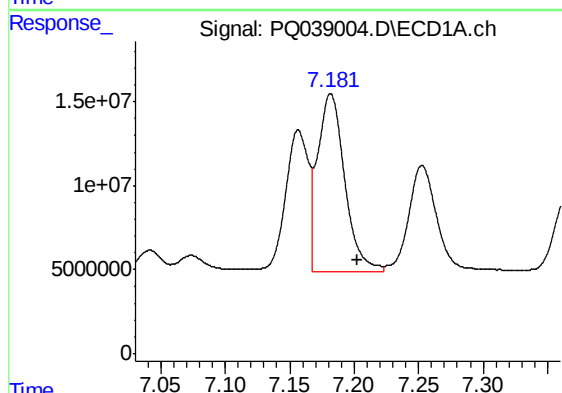
R.T.: 7.182 min
Delta R.T.: 0.004 min
Response: 155991418
Conc: 576.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



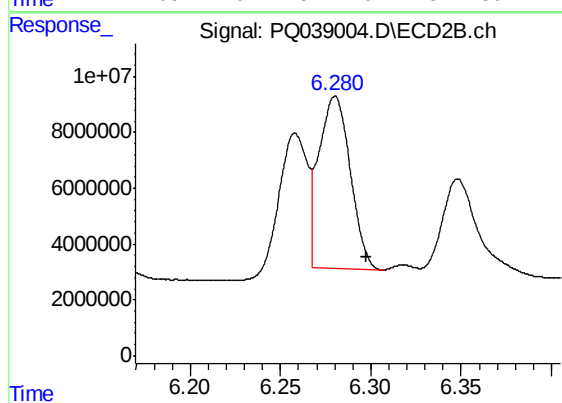
#3 AR-1016-1

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 74957580
Conc: 502.80 ng/ml



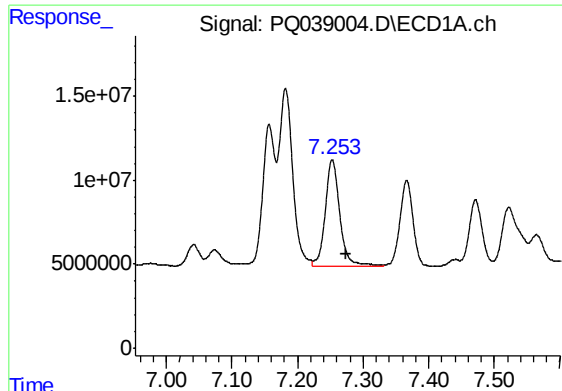
#4 AR-1016-2

R.T.: 7.182 min
Delta R.T.: -0.021 min
Response: 155991418
Conc: 385.51 ng/ml



#4 AR-1016-2

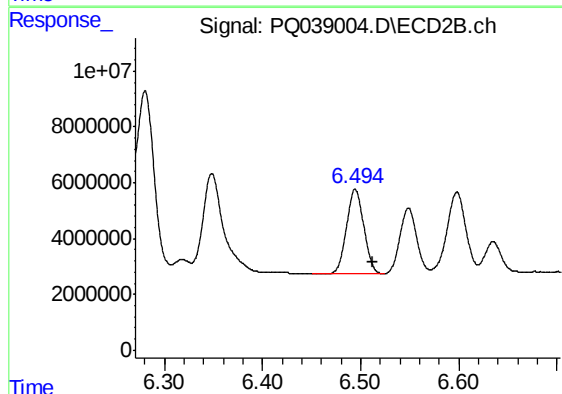
R.T.: 6.280 min
Delta R.T.: -0.018 min
Response: 74957580
Conc: 345.62 ng/ml



#5 AR-1016-3

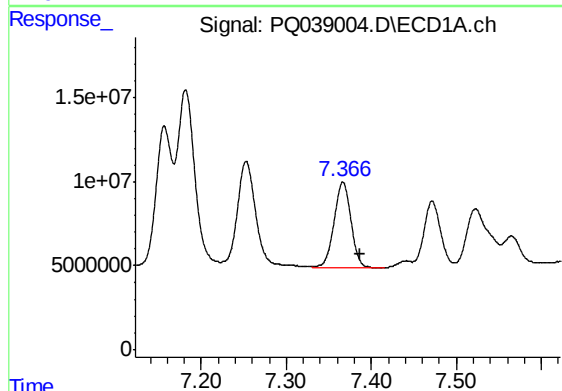
R.T.: 7.253 min
Delta R.T.: -0.021 min
Response: 98946593
Conc: 386.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



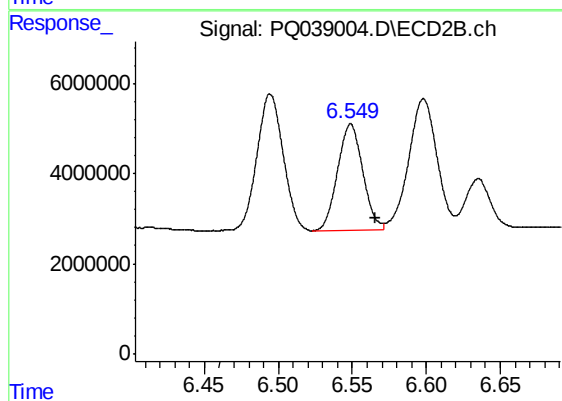
#5 AR-1016-3

R.T.: 6.495 min
Delta R.T.: -0.018 min
Response: 37520282
Conc: 332.71 ng/ml



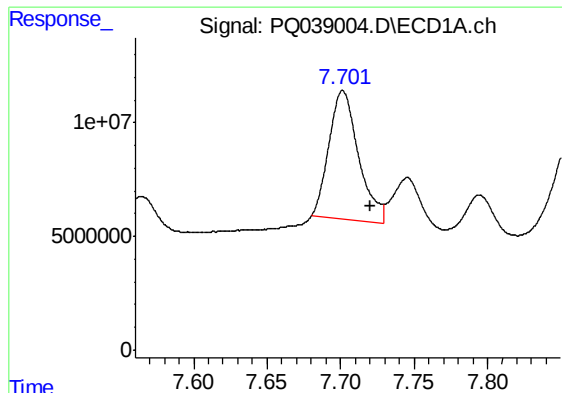
#6 AR-1016-4

R.T.: 7.367 min
Delta R.T.: -0.020 min
Response: 70705259
Conc: 338.38 ng/ml



#6 AR-1016-4

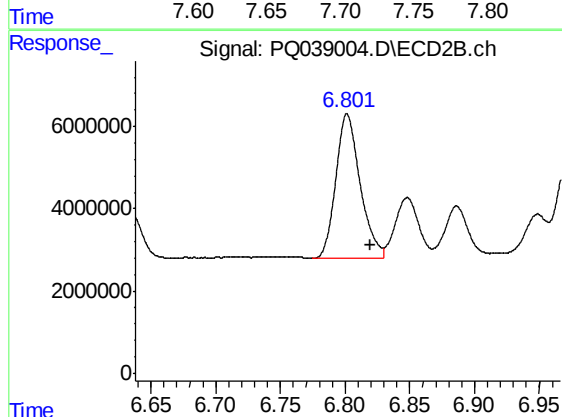
R.T.: 6.549 min
Delta R.T.: -0.017 min
Response: 27890256
Conc: 322.67 ng/ml



#7 AR-1016-5

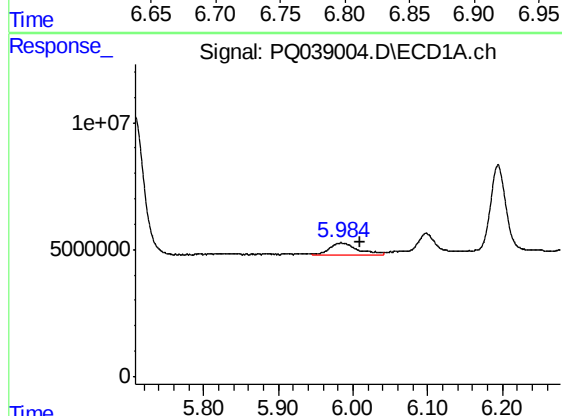
R.T.: 7.702 min
Delta R.T.: -0.019 min
Response: 78637990
Conc: 365.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



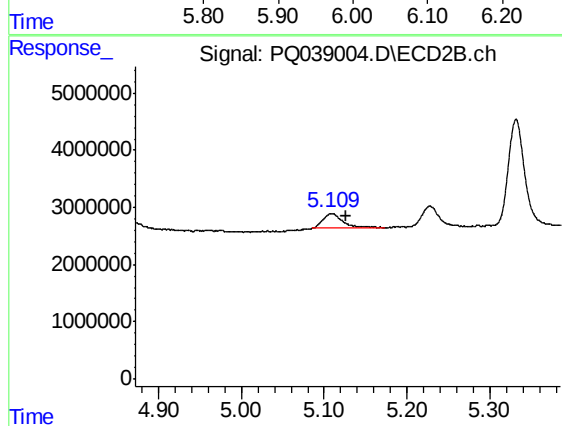
#7 AR-1016-5

R.T.: 6.802 min
Delta R.T.: -0.018 min
Response: 45962399
Conc: 355.97 ng/ml



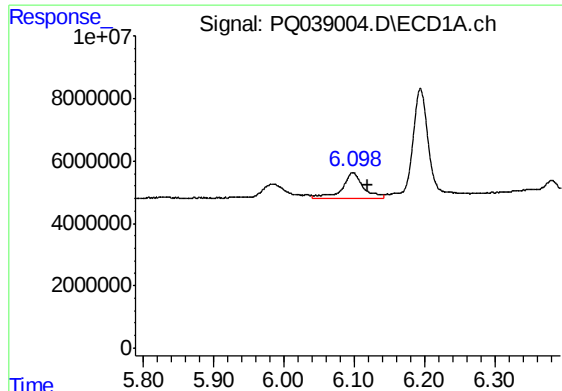
#8 AR-1221-1

R.T.: 5.984 min
Delta R.T.: -0.026 min
Response: 11516733
Conc: 198.67 ng/ml



#8 AR-1221-1

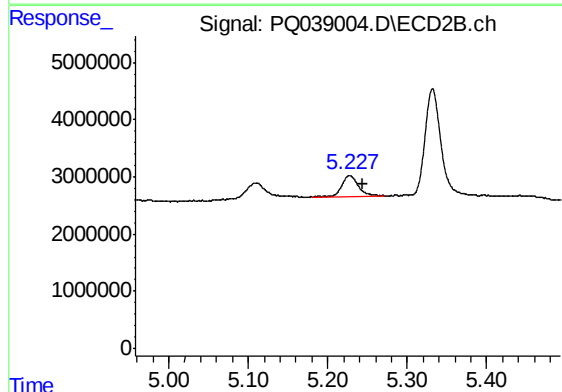
R.T.: 5.109 min
Delta R.T.: -0.017 min
Response: 4306853
Conc: 148.20 ng/ml



#9 AR-1221-2

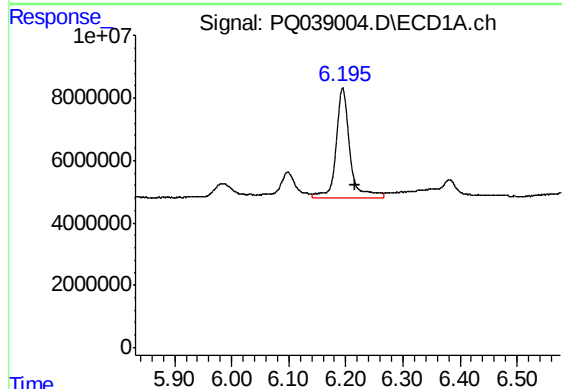
R.T.: 6.098 min
Delta R.T.: -0.021 min
Response: 17168226
Conc: 427.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



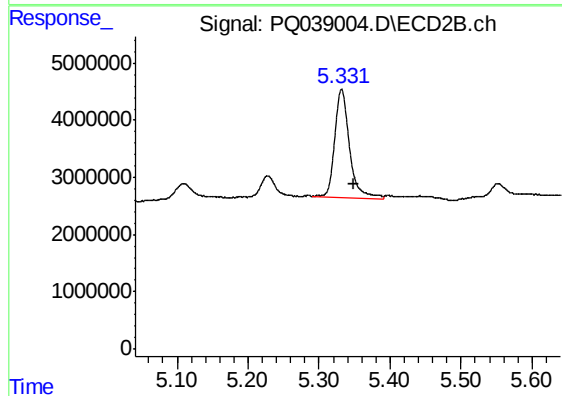
#9 AR-1221-2

R.T.: 5.228 min
Delta R.T.: -0.017 min
Response: 5122524
Conc: 245.89 ng/ml



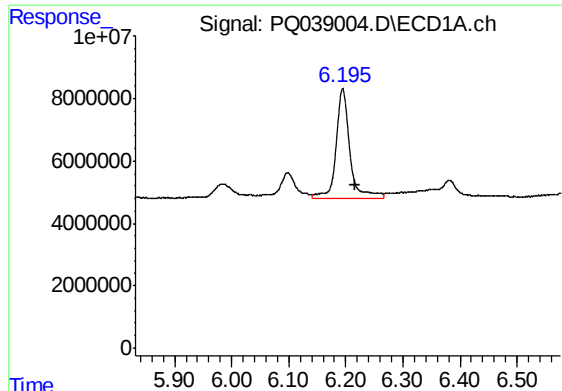
#10 AR-1221-3

R.T.: 6.194 min
Delta R.T.: -0.021 min
Response: 58683352
Conc: 415.65 ng/ml



#10 AR-1221-3

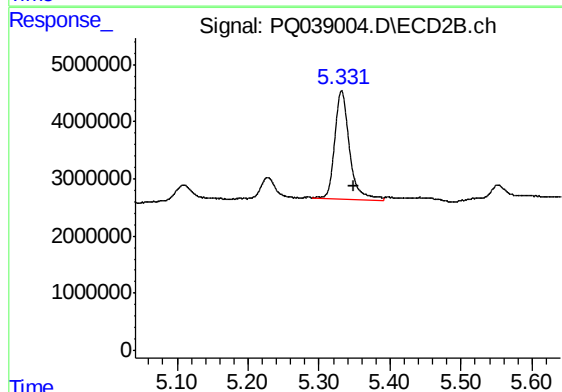
R.T.: 5.332 min
Delta R.T.: -0.017 min
Response: 27359253
Conc: 372.62 ng/ml



#11 AR-1232-1

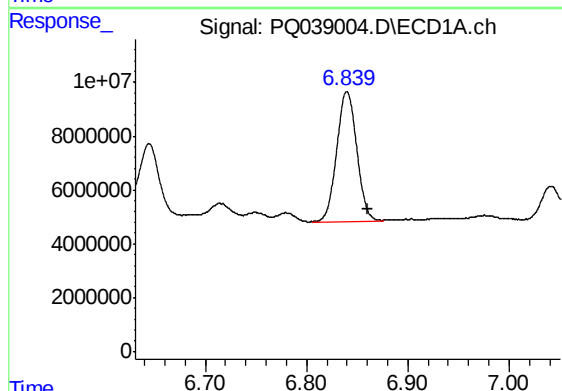
R.T.: 6.194 min
Delta R.T.: -0.021 min
Response: 58683352
Conc: 605.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



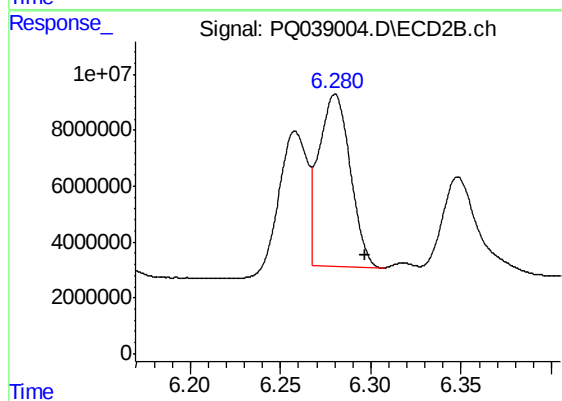
#11 AR-1232-1

R.T.: 5.332 min
Delta R.T.: -0.017 min
Response: 27359253
Conc: 530.85 ng/ml



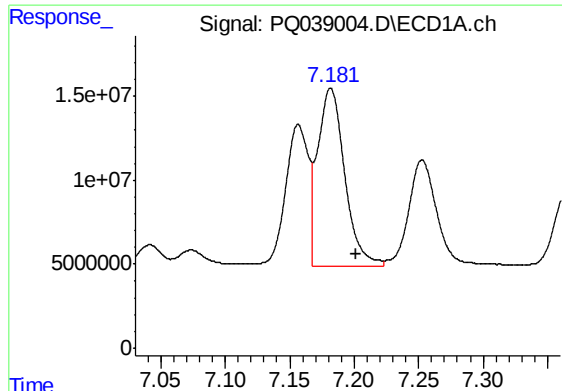
#12 AR-1232-2

R.T.: 6.840 min
Delta R.T.: -0.020 min
Response: 66971749
Conc: 1194.80 ng/ml



#12 AR-1232-2

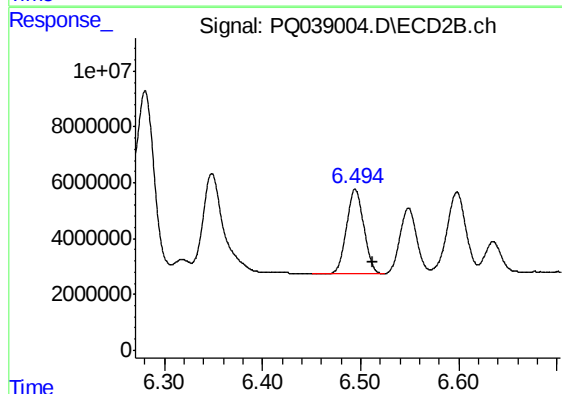
R.T.: 6.280 min
Delta R.T.: -0.017 min
Response: 74957580
Conc: 1288.07 ng/ml



#13 AR-1232-3

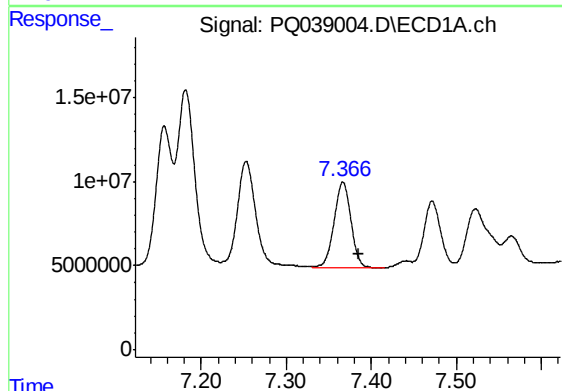
R.T.: 7.182 min
Delta R.T.: -0.020 min
Response: 155991418
Conc: 1463.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



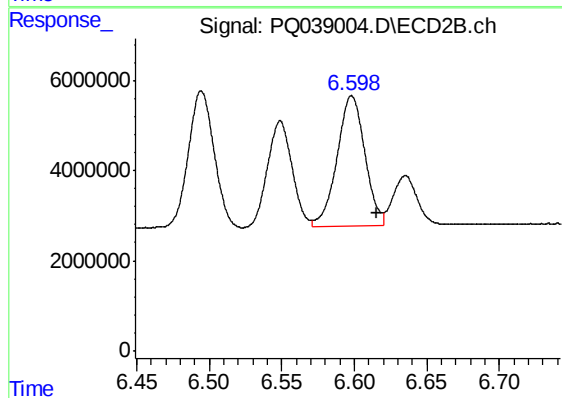
#13 AR-1232-3

R.T.: 6.495 min
Delta R.T.: -0.018 min
Response: 37520282
Conc: 1234.68 ng/ml



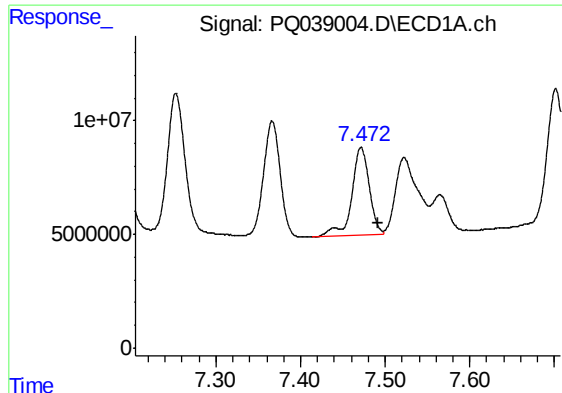
#14 AR-1232-4

R.T.: 7.367 min
Delta R.T.: -0.019 min
Response: 70705259
Conc: 1277.59 ng/ml



#14 AR-1232-4

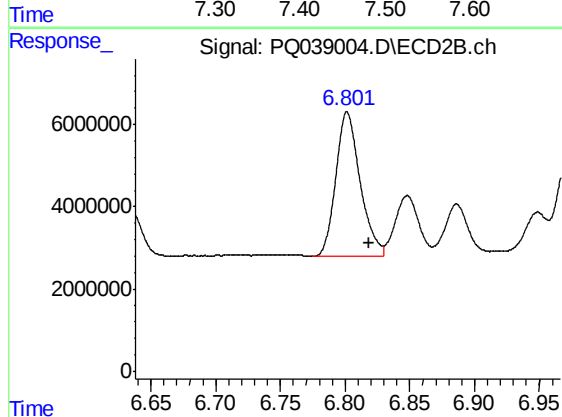
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 38670776
Conc: 1384.21 ng/ml



#15 AR-1232-5

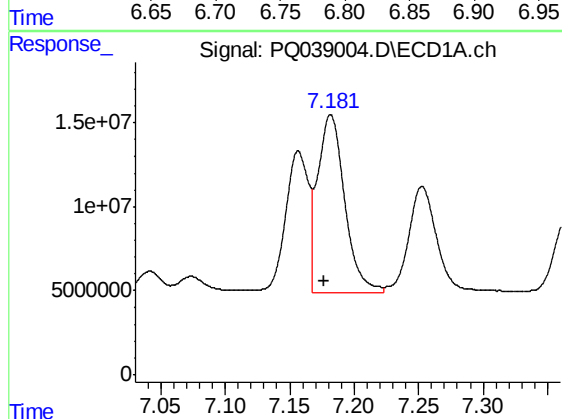
R.T.: 7.472 min
Delta R.T.: -0.020 min
Response: 55704202
Conc: 1428.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



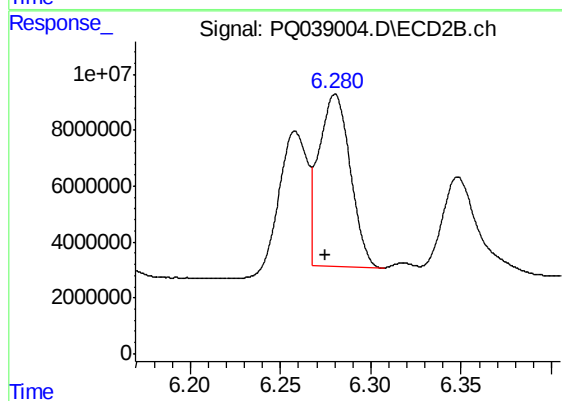
#15 AR-1232-5

R.T.: 6.802 min
Delta R.T.: -0.017 min
Response: 45962399
Conc: 1401.03 ng/ml



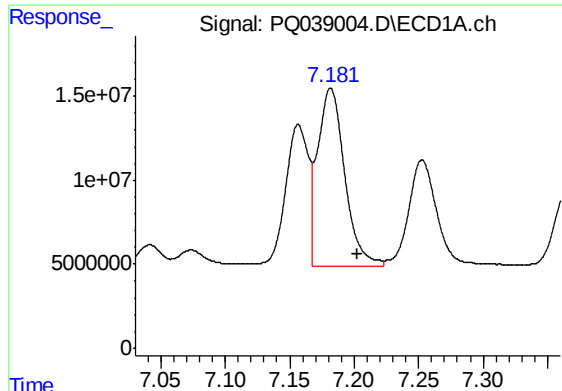
#16 AR-1242-1

R.T.: 7.182 min
Delta R.T.: 0.005 min
Response: 155991418
Conc: 1022.25 ng/ml



#16 AR-1242-1

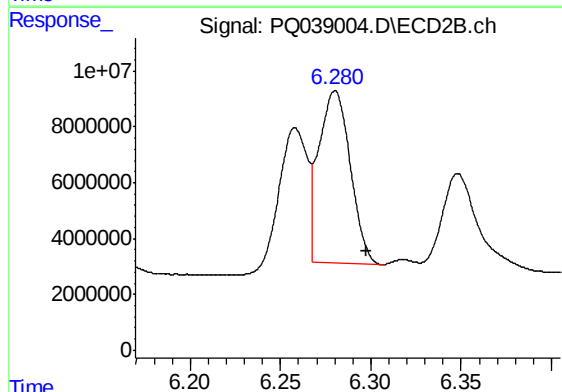
R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 74957580
Conc: 865.05 ng/ml



#17 AR-1242-2

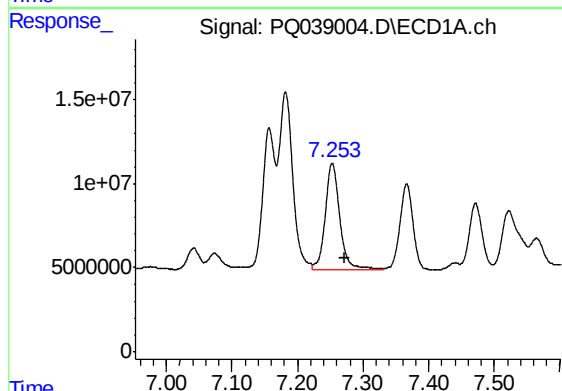
R.T.: 7.182 min
Delta R.T.: -0.021 min
Response: 155991418
Conc: 693.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



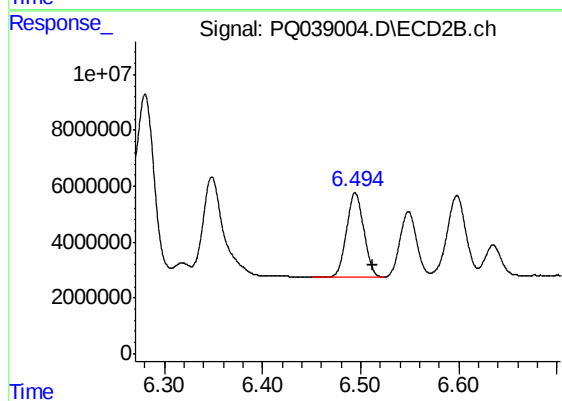
#17 AR-1242-2

R.T.: 6.280 min
Delta R.T.: -0.017 min
Response: 74957580
Conc: 601.02 ng/ml



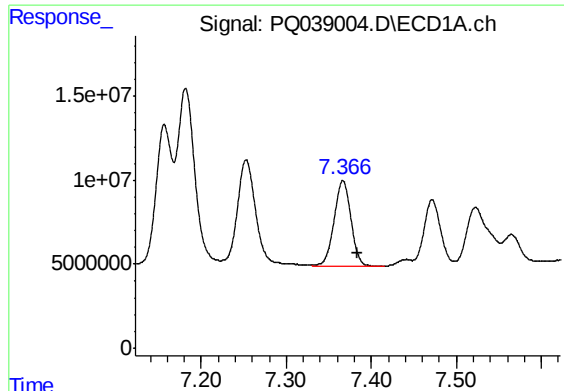
#18 AR-1242-3

R.T.: 7.253 min
Delta R.T.: -0.019 min
Response: 98946593
Conc: 698.42 ng/ml



#18 AR-1242-3

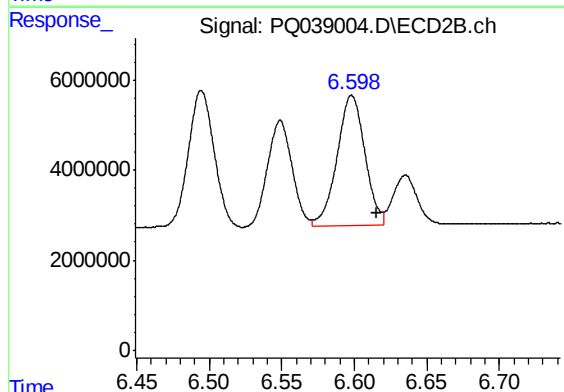
R.T.: 6.495 min
Delta R.T.: -0.018 min
Response: 37520282
Conc: 559.79 ng/ml



#19 AR-1242-4

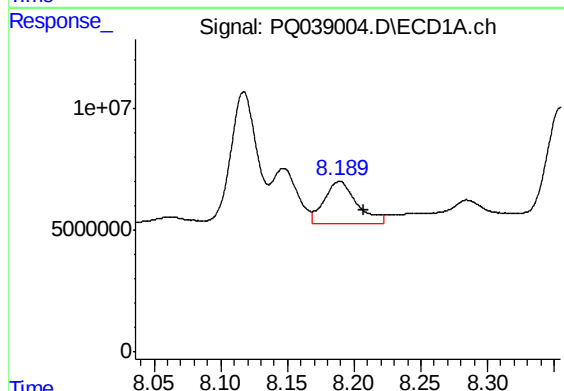
R.T.: 7.367 min
Delta R.T.: -0.018 min
Response: 70705259
Conc: 611.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



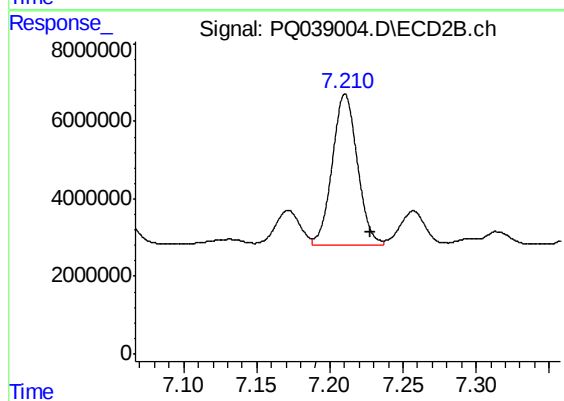
#19 AR-1242-4

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 38670776
Conc: 572.48 ng/ml



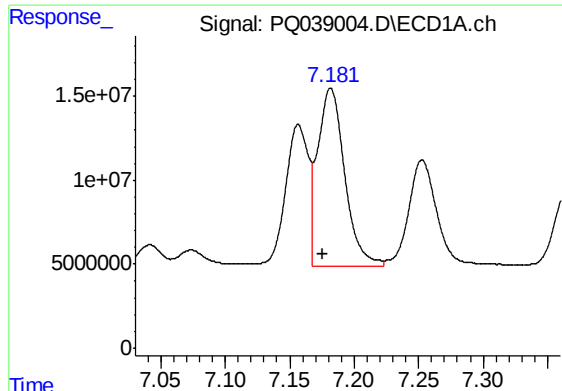
#20 AR-1242-5

R.T.: 8.189 min
Delta R.T.: -0.018 min
Response: 29236598
Conc: 215.31 ng/ml



#20 AR-1242-5

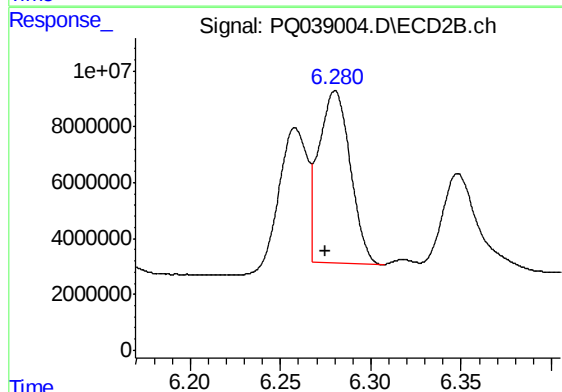
R.T.: 7.210 min
Delta R.T.: -0.017 min
Response: 46263954
Conc: 484.49 ng/ml



#21 AR-1248-1

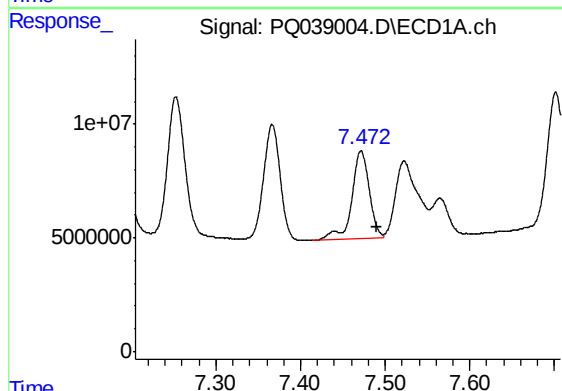
R.T.: 7.182 min
Delta R.T.: 0.006 min
Response: 155991418
Conc: 1479.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



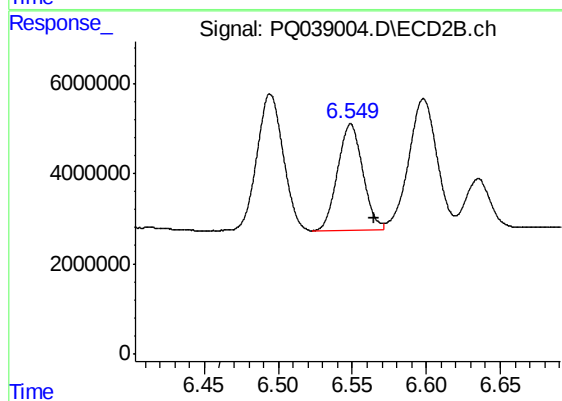
#21 AR-1248-1

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 74957580
Conc: 1243.05 ng/ml



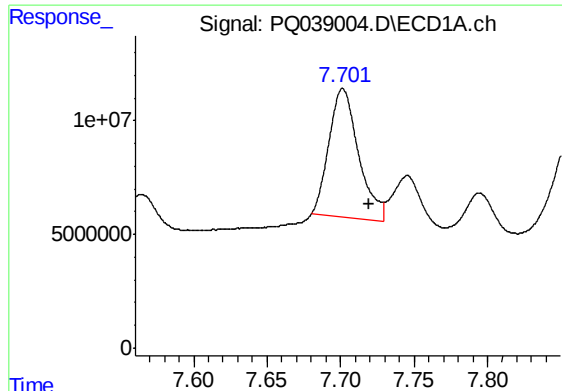
#22 AR-1248-2

R.T.: 7.472 min
Delta R.T.: -0.018 min
Response: 55704202
Conc: 372.05 ng/ml



#22 AR-1248-2

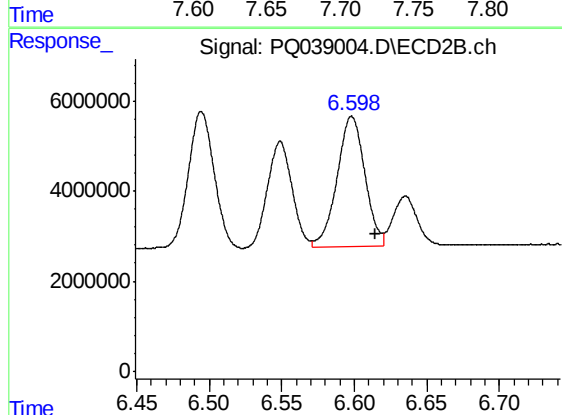
R.T.: 6.549 min
Delta R.T.: -0.016 min
Response: 27890256
Conc: 329.61 ng/ml



#23 AR-1248-3

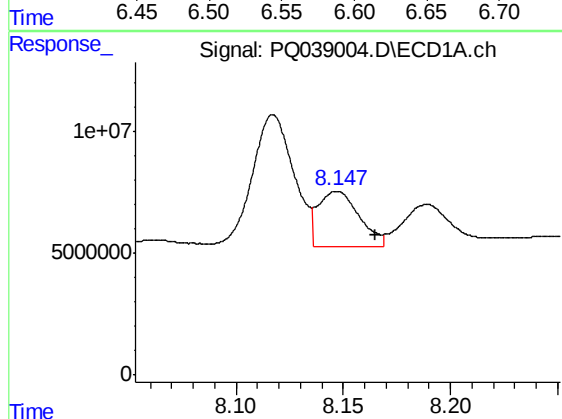
R.T.: 7.702 min
Delta R.T.: -0.018 min
Response: 78637990
Conc: 430.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



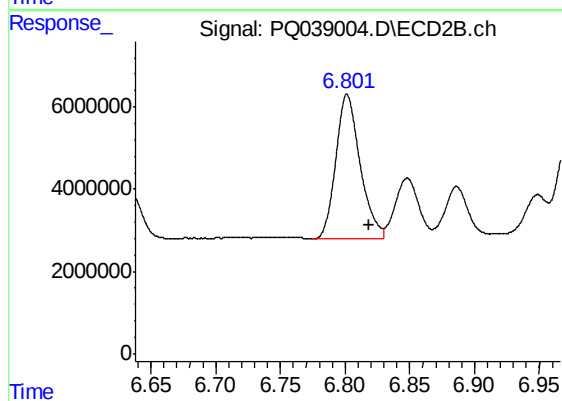
#23 AR-1248-3

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 38670776
Conc: 435.43 ng/ml



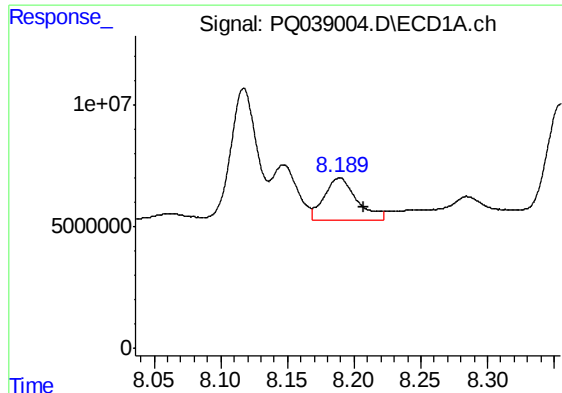
#24 AR-1248-4

R.T.: 8.147 min
Delta R.T.: -0.018 min
Response: 30583679
Conc: 150.51 ng/ml



#24 AR-1248-4

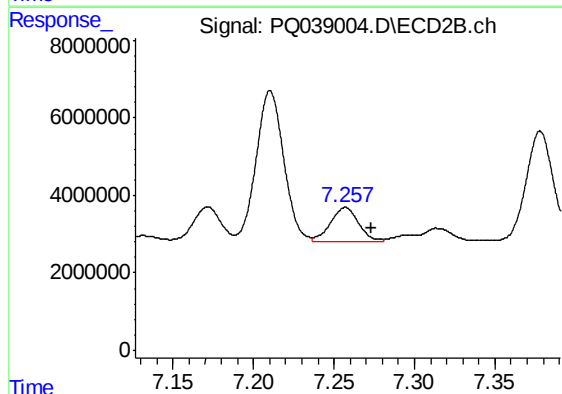
R.T.: 6.802 min
Delta R.T.: -0.016 min
Response: 45962399
Conc: 400.88 ng/ml



#25 AR-1248-5

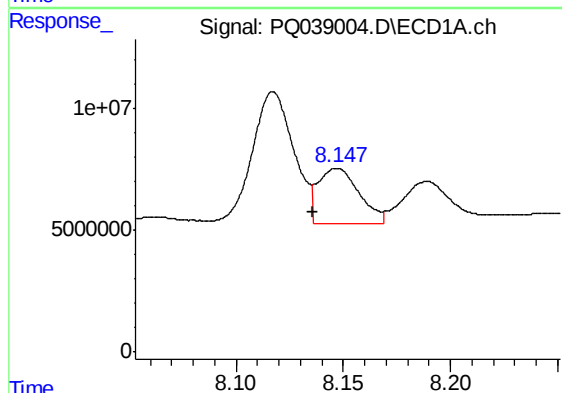
R.T.: 8.189 min
Delta R.T.: -0.018 min
Response: 29236598
Conc: 144.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



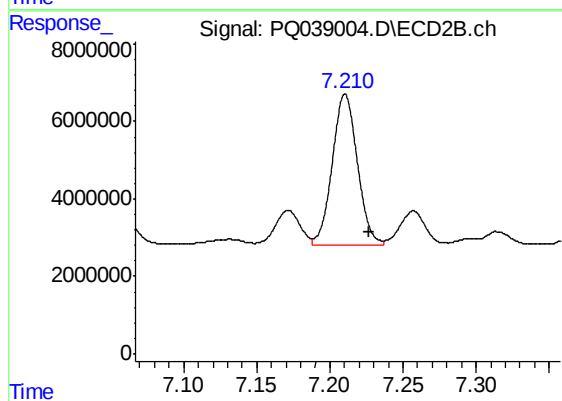
#25 AR-1248-5

R.T.: 7.257 min
Delta R.T.: -0.016 min
Response: 10371803
Conc: 90.09 ng/ml



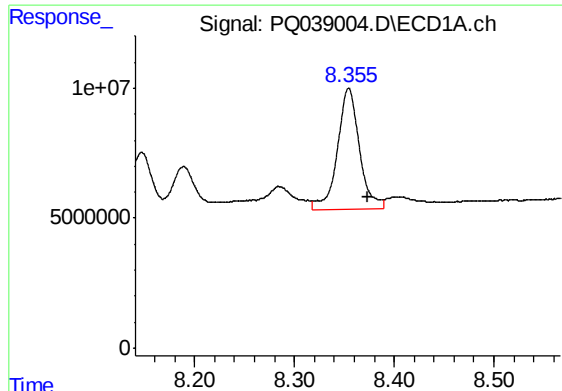
#26 AR-1254-1

R.T.: 8.147 min
Delta R.T.: 0.011 min
Response: 30583679
Conc: 141.74 ng/ml



#26 AR-1254-1

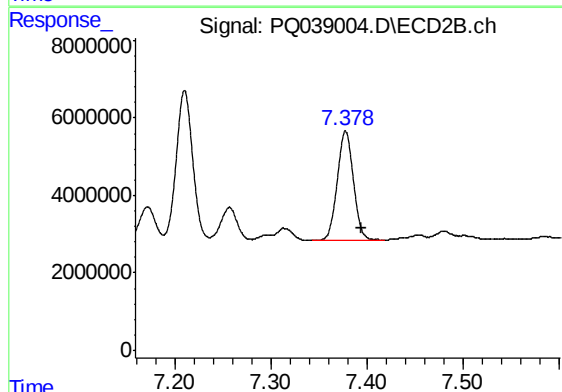
R.T.: 7.210 min
Delta R.T.: -0.016 min
Response: 46263954
Conc: 251.77 ng/ml



#27 AR-1254-2

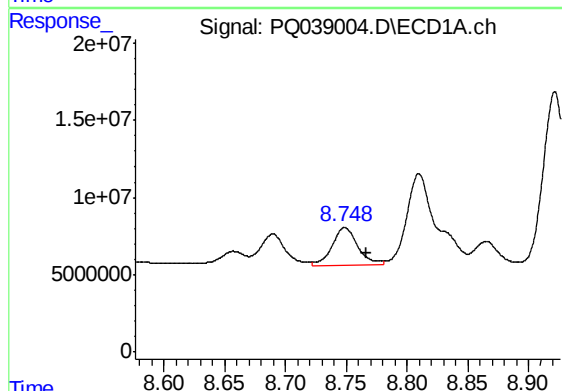
R.T.: 8.355 min
Delta R.T.: -0.019 min
Response: 71143673
Conc: 210.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



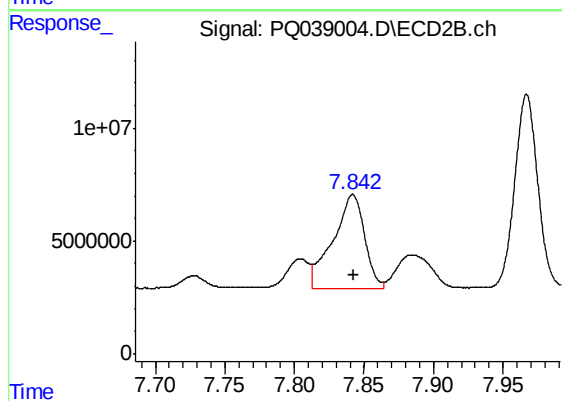
#27 AR-1254-2

R.T.: 7.378 min
Delta R.T.: -0.016 min
Response: 33420460
Conc: 206.48 ng/ml



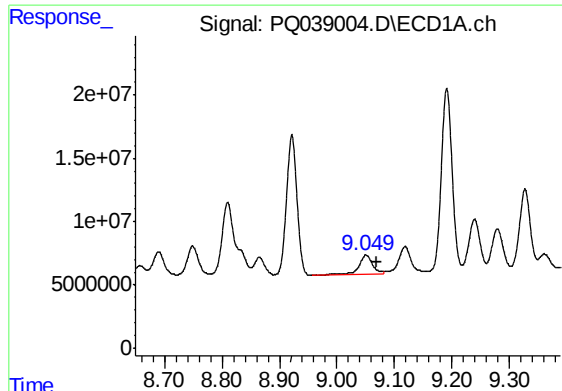
#28 AR-1254-3

R.T.: 8.749 min
Delta R.T.: -0.017 min
Response: 36555310
Conc: 98.36 ng/ml



#28 AR-1254-3

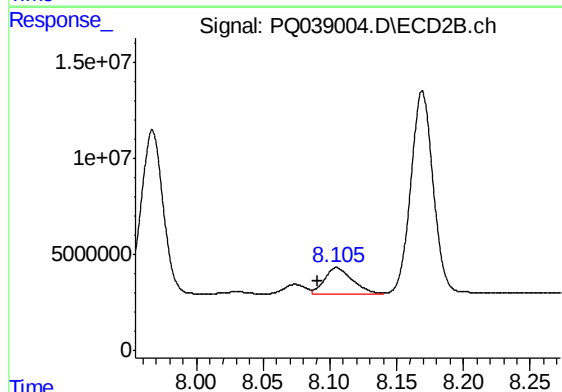
R.T.: 7.842 min
Delta R.T.: 0.000 min
Response: 65531418
Conc: 231.94 ng/ml



#29 AR-1254-4

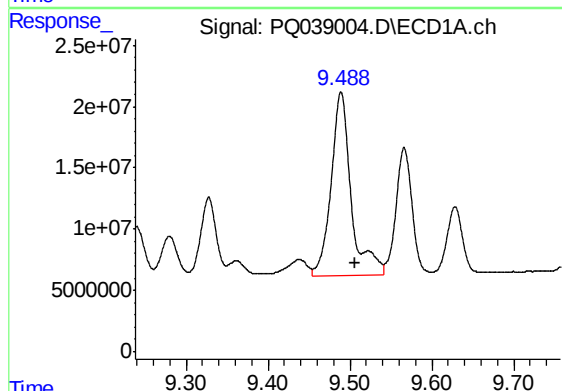
R.T.: 9.051 min
Delta R.T.: -0.018 min
Response: 28300219
Conc: 110.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



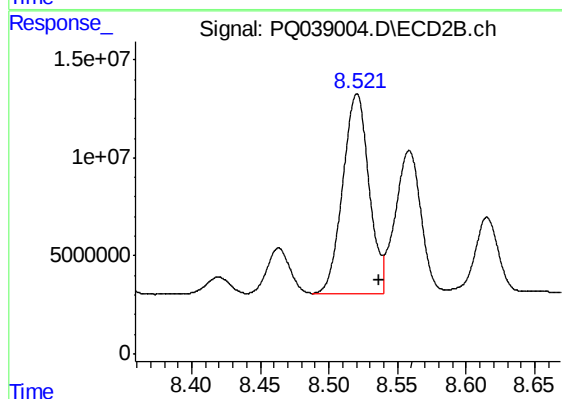
#29 AR-1254-4

R.T.: 8.105 min
Delta R.T.: 0.015 min
Response: 19364298
Conc: 116.70 ng/ml



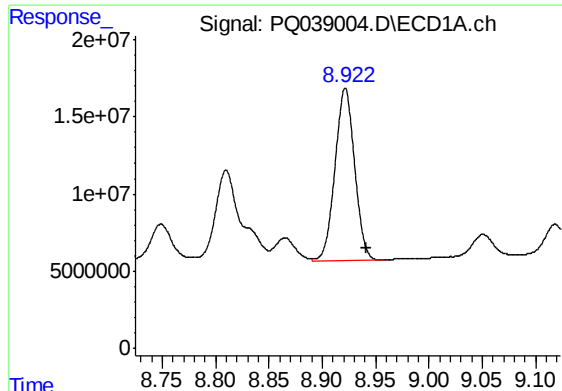
#30 AR-1254-5

R.T.: 9.489 min
Delta R.T.: -0.018 min
Response: 257026126
Conc: 862.39 ng/ml



#30 AR-1254-5

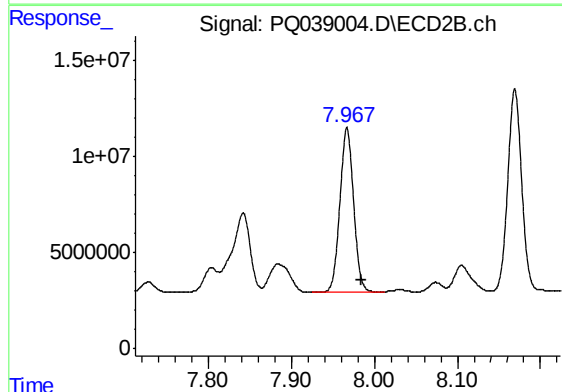
R.T.: 8.520 min
Delta R.T.: -0.016 min
Response: 135187975
Conc: 548.82 ng/ml



#31 AR-1260-1

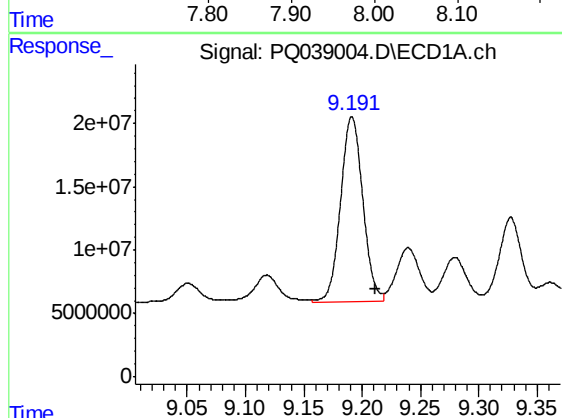
R.T.: 8.922 min
Delta R.T.: -0.020 min
Response: 142593433
Conc: 298.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



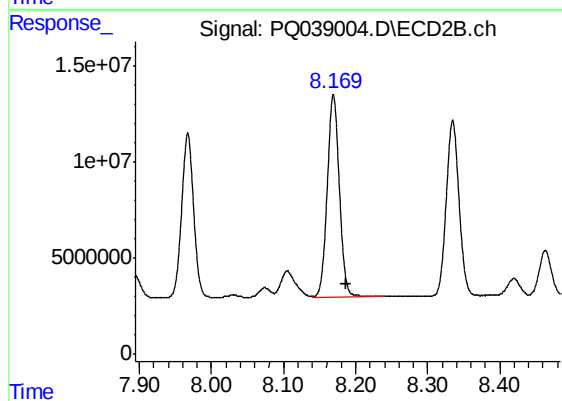
#31 AR-1260-1

R.T.: 7.967 min
Delta R.T.: -0.018 min
Response: 98758027
Conc: 326.01 ng/ml



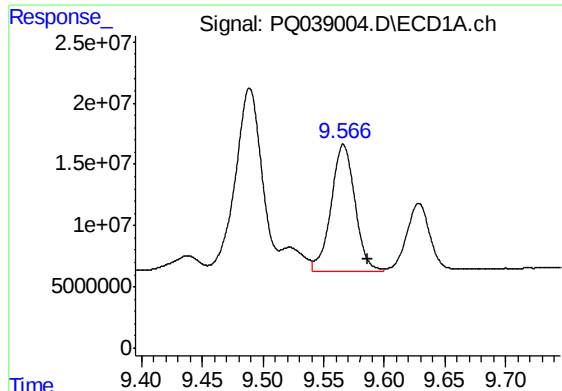
#32 AR-1260-2

R.T.: 9.191 min
Delta R.T.: -0.020 min
Response: 194222117
Conc: 341.93 ng/ml



#32 AR-1260-2

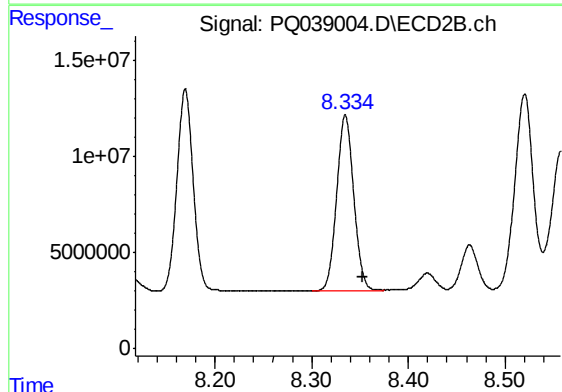
R.T.: 8.169 min
Delta R.T.: -0.017 min
Response: 122491529
Conc: 330.67 ng/ml



#33 AR-1260-3

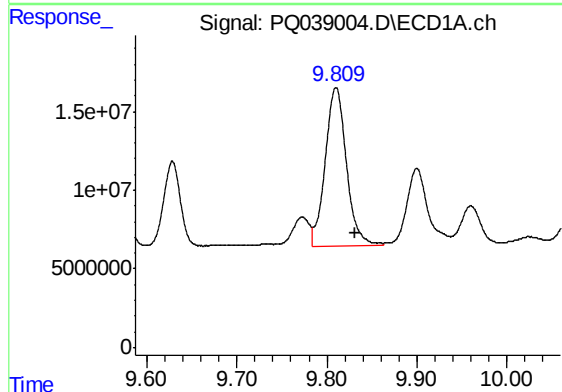
R.T.: 9.566 min
Delta R.T.: -0.020 min
Response: 142842911
Conc: 327.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



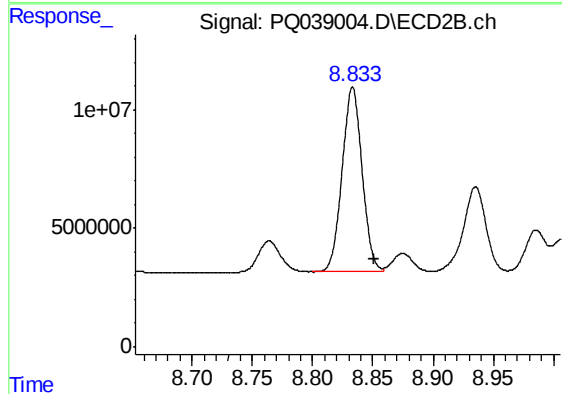
#33 AR-1260-3

R.T.: 8.335 min
Delta R.T.: -0.018 min
Response: 112589901
Conc: 321.17 ng/ml



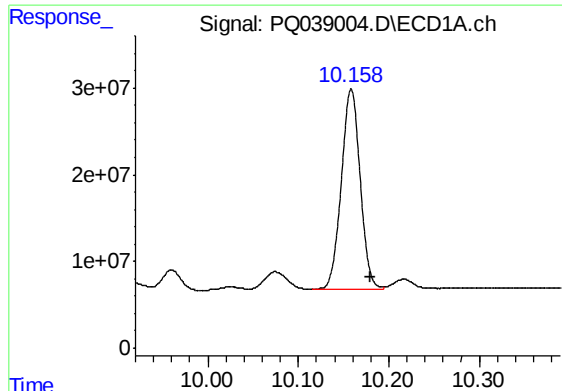
#34 AR-1260-4

R.T.: 9.810 min
Delta R.T.: -0.021 min
Response: 165050965
Conc: 321.59 ng/ml



#34 AR-1260-4

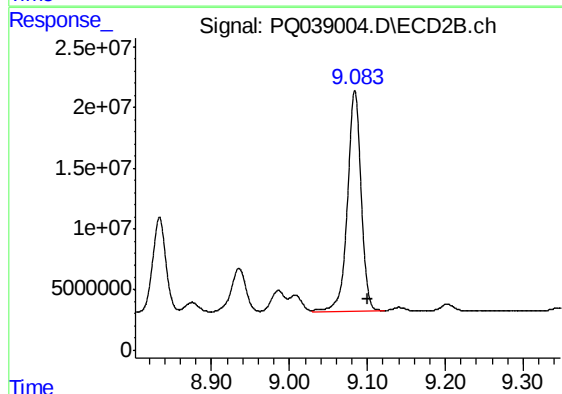
R.T.: 8.833 min
Delta R.T.: -0.018 min
Response: 90346192
Conc: 312.86 ng/ml



#35 AR-1260-5

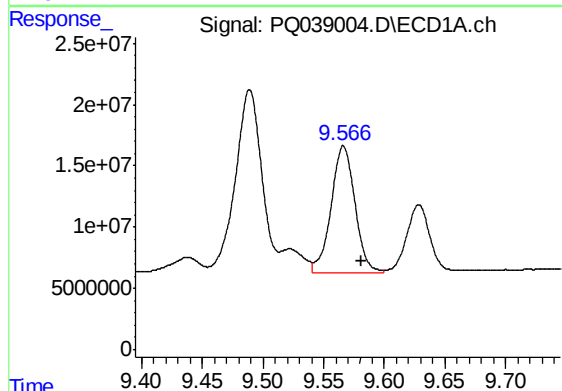
R.T.: 10.159 min
Delta R.T.: -0.021 min
Response: 336477039
Conc: 324.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



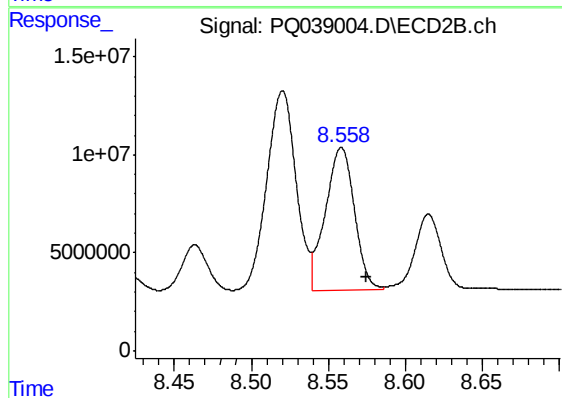
#35 AR-1260-5

R.T.: 9.084 min
Delta R.T.: -0.017 min
Response: 222604831
Conc: 313.87 ng/ml



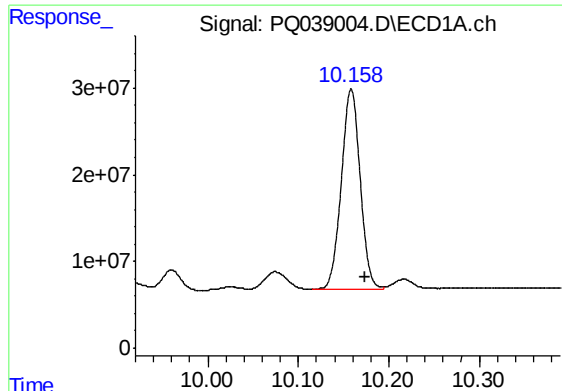
#36 AR-1262-1

R.T.: 9.566 min
Delta R.T.: -0.015 min
Response: 142842911
Conc: 384.53 ng/ml



#36 AR-1262-1

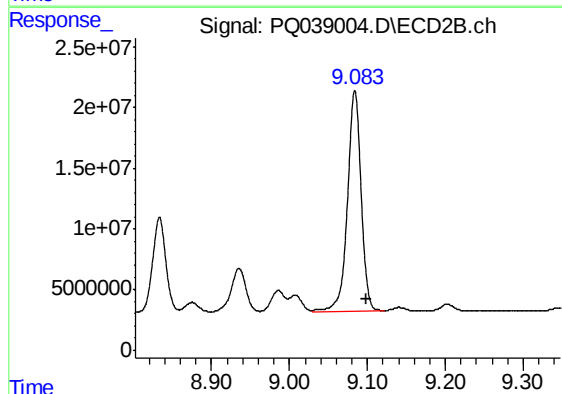
R.T.: 8.559 min
Delta R.T.: -0.016 min
Response: 95569612
Conc: 365.03 ng/ml



#37 AR-1262-2

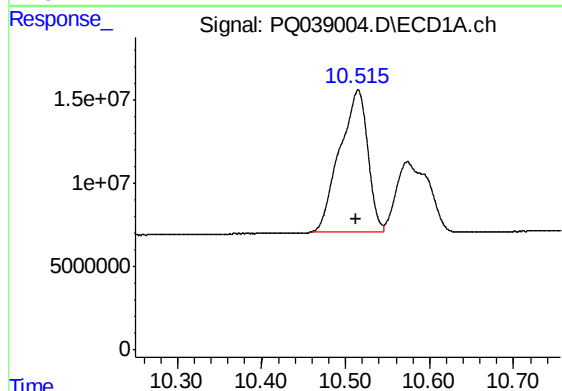
R.T.: 10.159 min
Delta R.T.: -0.016 min
Response: 336477039
Conc: 508.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



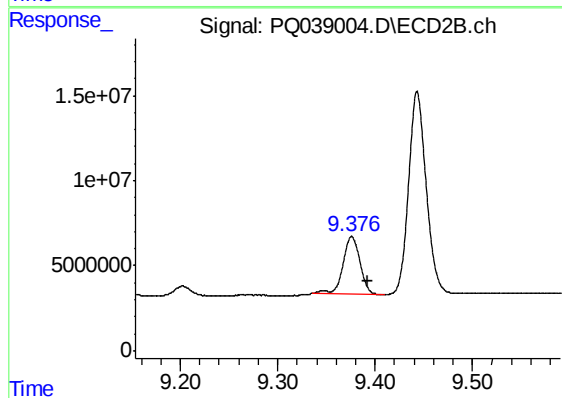
#37 AR-1262-2

R.T.: 9.084 min
Delta R.T.: -0.014 min
Response: 222604831
Conc: 465.82 ng/ml



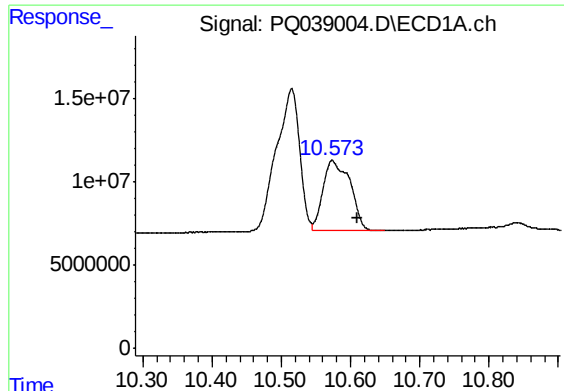
#38 AR-1262-3

R.T.: 10.515 min
Delta R.T.: 0.003 min
Response: 196390609
Conc: 434.61 ng/ml



#38 AR-1262-3

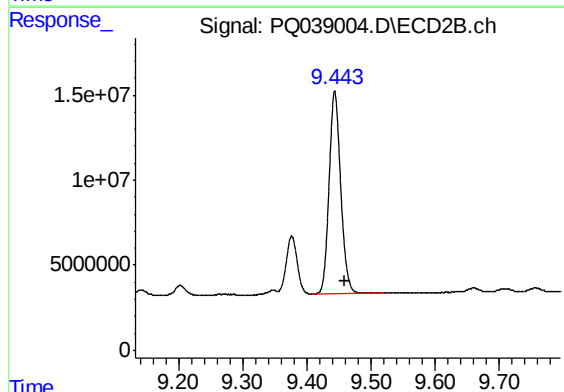
R.T.: 9.376 min
Delta R.T.: -0.016 min
Response: 40922986
Conc: 210.77 ng/ml



#39 AR-1262-4

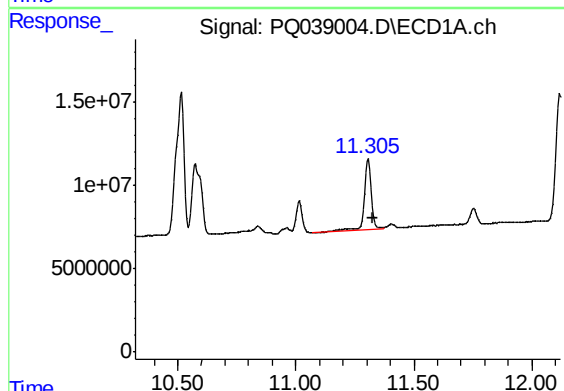
R.T.: 10.574 min
Delta R.T.: -0.037 min
Response: 113734947
Conc: 317.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



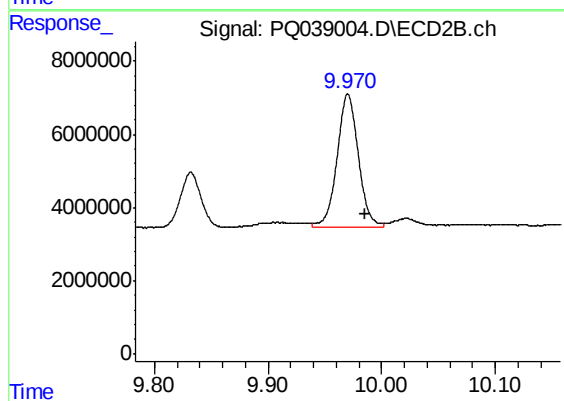
#39 AR-1262-4

R.T.: 9.443 min
Delta R.T.: -0.015 min
Response: 149956781
Conc: 407.17 ng/ml



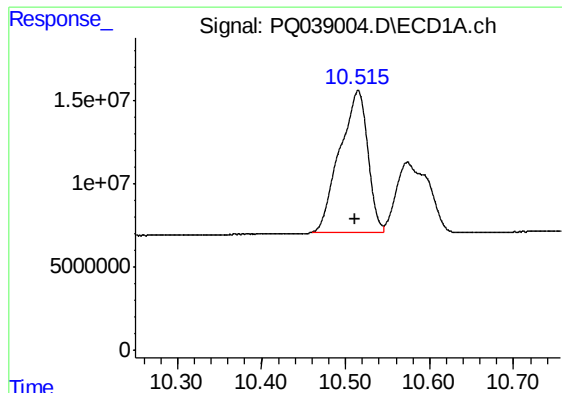
#40 AR-1262-5

R.T.: 11.306 min
Delta R.T.: -0.020 min
Response: 90218840
Conc: 362.59 ng/ml



#40 AR-1262-5

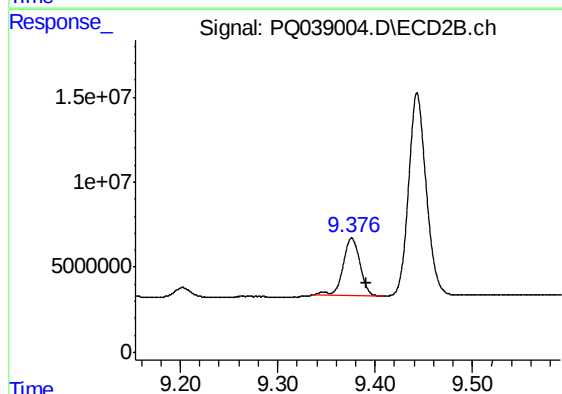
R.T.: 9.970 min
Delta R.T.: -0.015 min
Response: 47058298
Conc: 311.53 ng/ml



#41 AR-1268-1

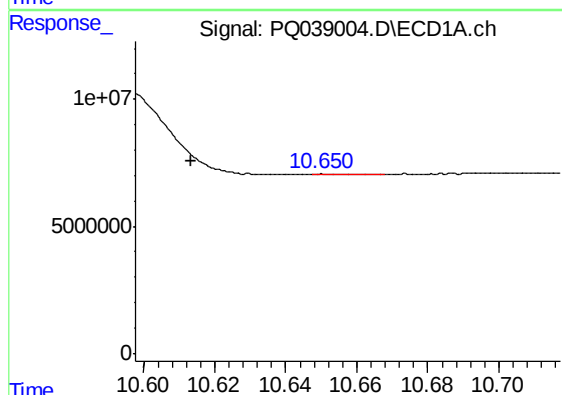
R.T.: 10.515 min
Delta R.T.: 0.004 min
Response: 196390609
Conc: 131.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



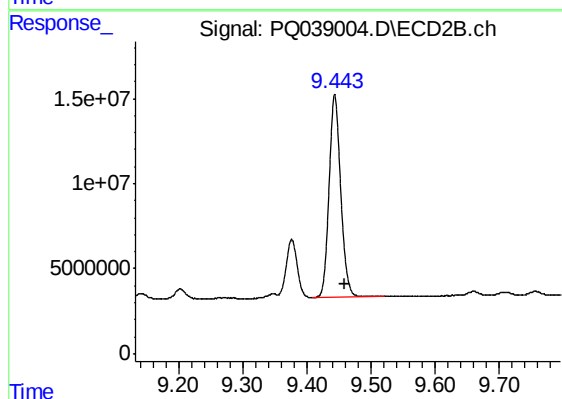
#41 AR-1268-1

R.T.: 9.376 min
Delta R.T.: -0.015 min
Response: 40922986
Conc: 40.54 ng/ml



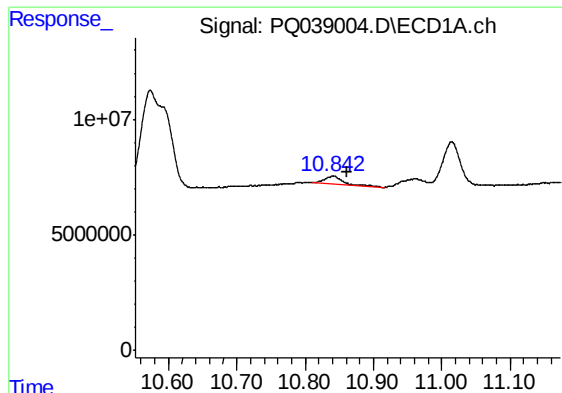
#42 AR-1268-2

R.T.: 10.651 min
Delta R.T.: 0.038 min
Response: 86978
Conc: 0.06 ng/ml



#42 AR-1268-2

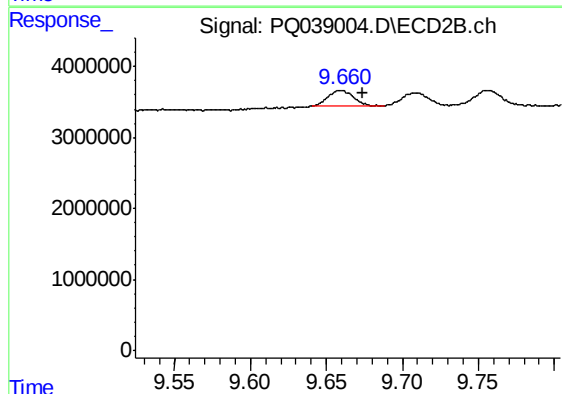
R.T.: 9.443 min
Delta R.T.: -0.015 min
Response: 149956781
Conc: 160.78 ng/ml



#43 AR-1268-3

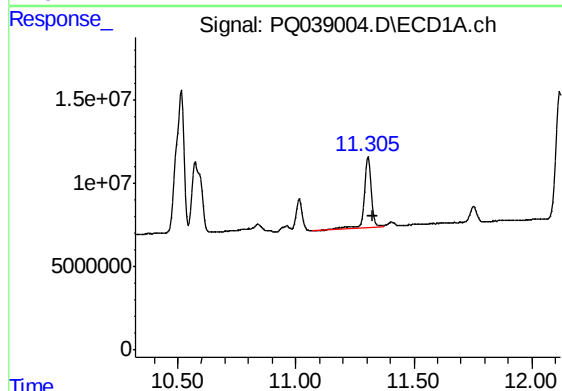
R.T.: 10.841 min
Delta R.T.: -0.020 min
Response: 6279600
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



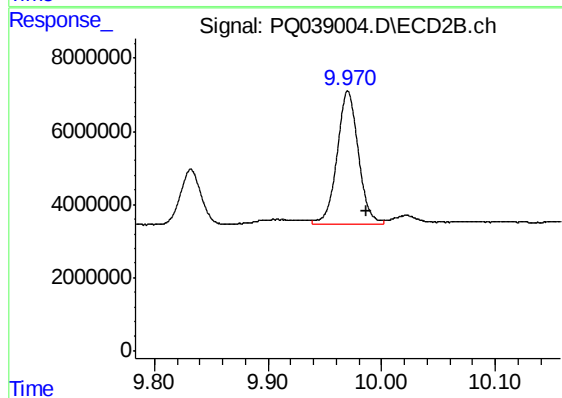
#43 AR-1268-3

R.T.: 9.660 min
Delta R.T.: -0.015 min
Response: 2476793
Conc: 3.13 ng/ml



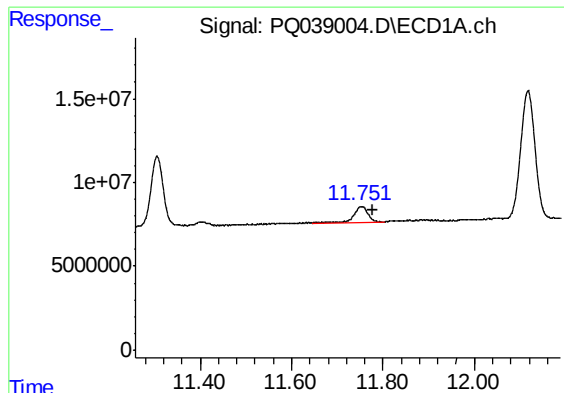
#44 AR-1268-4

R.T.: 11.306 min
Delta R.T.: -0.020 min
Response: 90218840
Conc: 179.85 ng/ml



#44 AR-1268-4

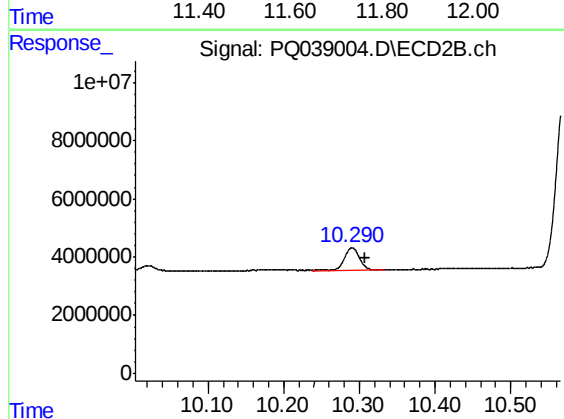
R.T.: 9.970 min
Delta R.T.: -0.017 min
Response: 47058298
Conc: 151.38 ng/ml



#45 AR-1268-5

R.T.: 11.752 min
Delta R.T.: -0.025 min
Response: 23265070
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660320



#45 AR-1268-5

R.T.: 10.290 min
Delta R.T.: -0.017 min
Response: 10784339
Conc: 4.33 ng/ml