

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121918\
 Data File : PQ035778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2018 23:05
 Operator : SM\SJ
 Sample : J6461-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

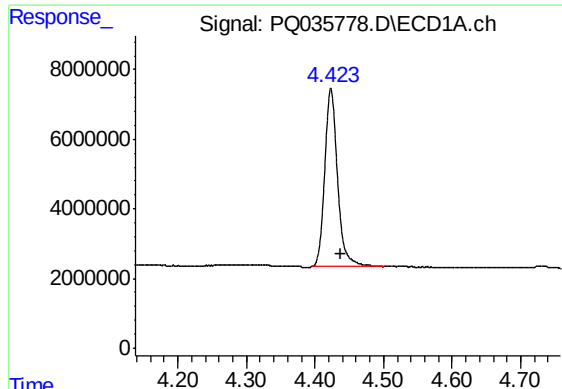
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:19:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 12 22:07:58 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.423	3.739	66339460	40945834	16.955	18.325
2)	SA Decachlor...	10.118	8.716	30879402	17544499	10.476	9.926
Target Compounds							
5)	L1 AR-1016-3	5.742	5.050	5970037	1790661	52.163	30.662 #
6)	L1 AR-1016-4	5.742	5.050	5970037	1790661	62.692	38.082 #
7)	L1 AR-1016-5	6.022	5.213	9278115	9705985	101.917	158.109 #
10)	L2 AR-1221-3	0.000	4.179	0	1799190	N.D.	37.035 #
11)	L3 AR-1232-1	0.000	4.179	0	1799190	N.D.	40.862 #
13)	L3 AR-1232-3	0.000	5.050	0	1790661	N.D.	70.080 #
14)	L3 AR-1232-4	5.742	5.124	5970037	1091270	149.093	47.828 #
15)	L3 AR-1232-5	5.857	5.213	2763245	9705985	87.255	388.592 #
18)	L4 AR-1242-3	5.742	5.050	5970037	1790661	69.005	39.761 #
19)	L4 AR-1242-4	5.742	5.124	5970037	1091270	86.297	24.644 #
20)	L4 AR-1242-5	6.471	5.613	25734605	10680524	328.026	193.525 #
22)	L5 AR-1248-2	5.857	5.050	2763245	1790661	29.153	32.993
23)	L5 AR-1248-3	6.022	5.124	9278115	1091270	88.794	19.556 #
24)	L5 AR-1248-4	6.471	5.213	25734605	9705985	208.973	140.209 #
25)	L5 AR-1248-5	6.471	5.613	25734605	10680524	219.968	151.535 #
26)	L6 AR-1254-1	6.471	5.613	25734605	10680524	169.047	80.071 #
27)	L6 AR-1254-2	6.656	5.759	23291665	6128144	98.439	53.035 #
28)	L6 AR-1254-3	7.034	6.176	30510742	19416091	118.832	100.571
29)	L6 AR-1254-4	7.347	6.387	9816785	5827301	54.142	48.422
30)	L6 AR-1254-5	7.750	6.800	35602350	26625516	181.505	163.485
31)	L7 AR-1260-1	7.185	6.287	19398092	4618975	105.195	36.721 #
32)	L7 AR-1260-2	7.440	6.474	93654886	5903677	431.025	39.094 #
33)	L7 AR-1260-3	7.794	6.626	3605689	4304934	26.916	30.808
34)	L7 AR-1260-4	8.063	7.094	4029647	1570934	24.450	16.918 #
35)	L7 AR-1260-5	8.346	7.335	5914795	5827637	19.837	25.970 #
36)	L8 AR-1262-1	7.794	6.890	3605689	942865	16.459	6.144 #
37)	L8 AR-1262-2	8.346	7.335	5914795	5827637	15.701	21.838 #
38)	L8 AR-1262-3	8.672	7.681	4692163	3458244	19.519	33.322 #
39)	L8 AR-1262-4	0.000	7.681	0	3458244	N.D.	18.669 #
40)	L8 AR-1262-5	9.394	0.000	4427154	0	38.875	N.D. #
41)	L9 AR-1268-1	8.672	7.681	4692163	3458244	9.725	10.371
42)	L9 AR-1268-2	0.000	7.681	0	3458244	N.D.	11.669 #
43)	L9 AR-1268-3	0.000	7.883	0	851554	N.D.	3.484 #
44)	L9 AR-1268-4	9.394	0.000	4427154	0	32.293	N.D. #

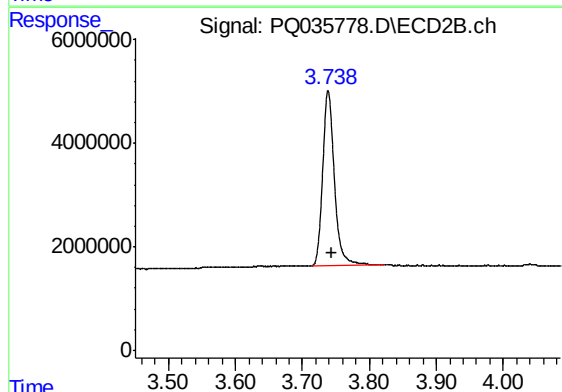
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

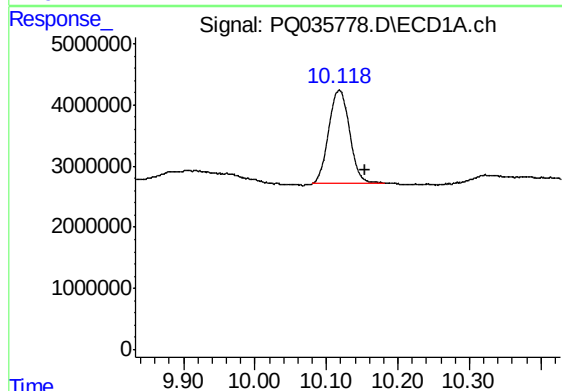
R.T.: 4.423 min
Delta R.T.: -0.014 min
Response: 66339460
Conc: 16.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



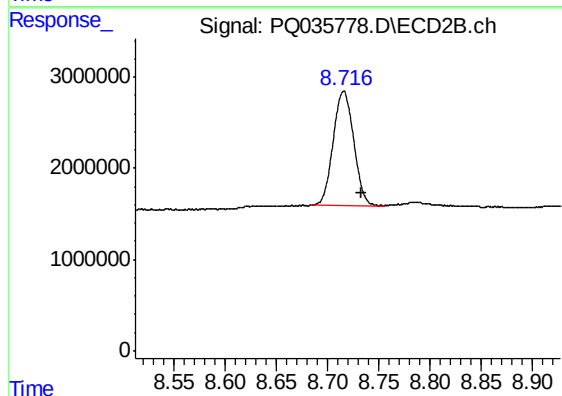
#1 Tetrachloro-m-xylene

R.T.: 3.739 min
Delta R.T.: -0.006 min
Response: 40945834
Conc: 18.33 ng/ml



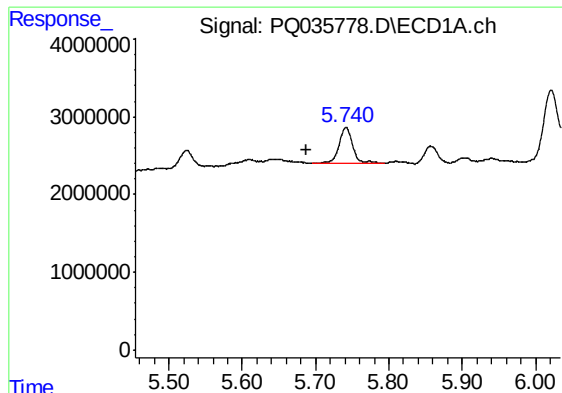
#2 Decachlorobiphenyl

R.T.: 10.118 min
Delta R.T.: -0.036 min
Response: 30879402
Conc: 10.48 ng/ml



#2 Decachlorobiphenyl

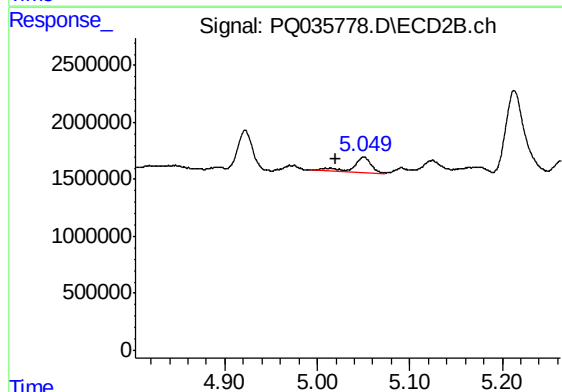
R.T.: 8.716 min
Delta R.T.: -0.017 min
Response: 17544499
Conc: 9.93 ng/ml



#5 AR-1016-3

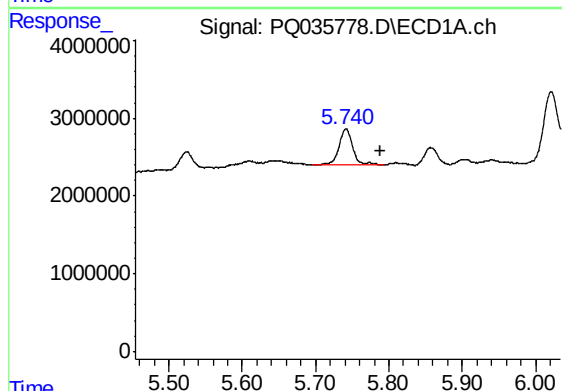
R.T.: 5.742 min
Delta R.T.: 0.053 min
Response: 5970037
Conc: 52.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



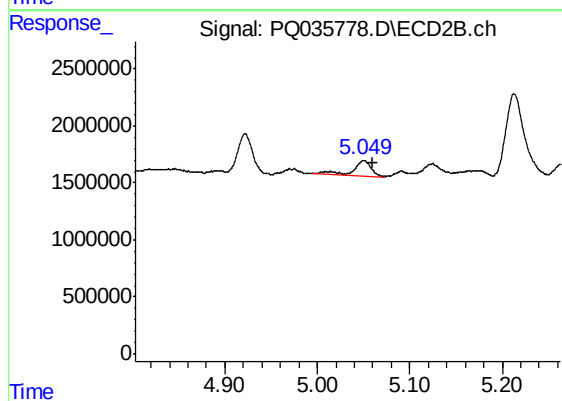
#5 AR-1016-3

R.T.: 5.050 min
Delta R.T.: 0.030 min
Response: 1790661
Conc: 30.66 ng/ml



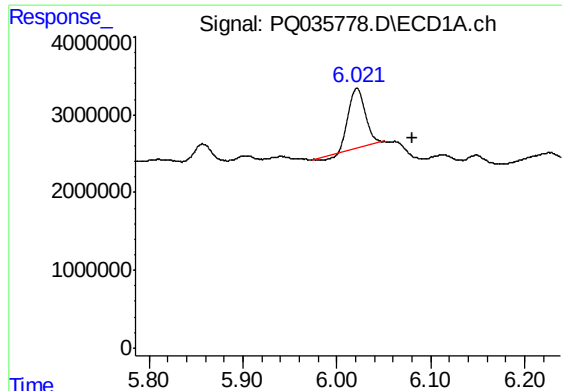
#6 AR-1016-4

R.T.: 5.742 min
Delta R.T.: -0.047 min
Response: 5970037
Conc: 62.69 ng/ml



#6 AR-1016-4

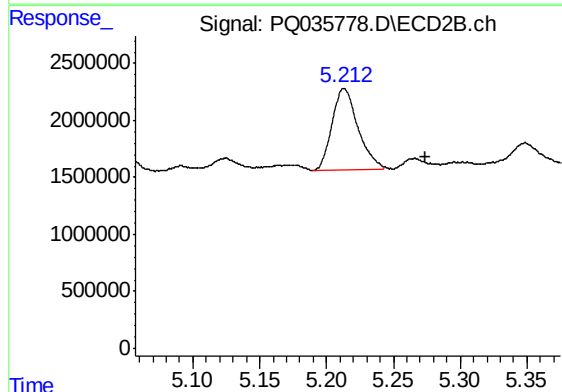
R.T.: 5.050 min
Delta R.T.: -0.010 min
Response: 1790661
Conc: 38.08 ng/ml



#7 AR-1016-5

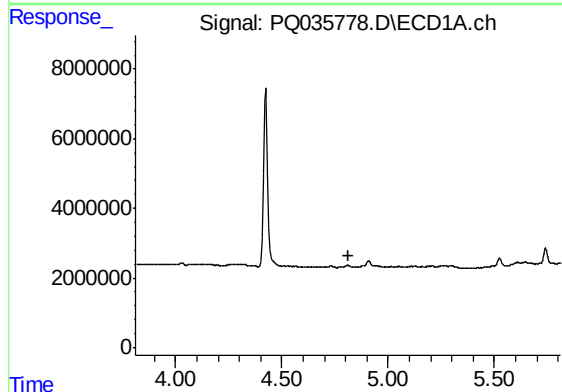
R.T.: 6.022 min
Delta R.T.: -0.059 min
Response: 9278115
Conc: 101.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



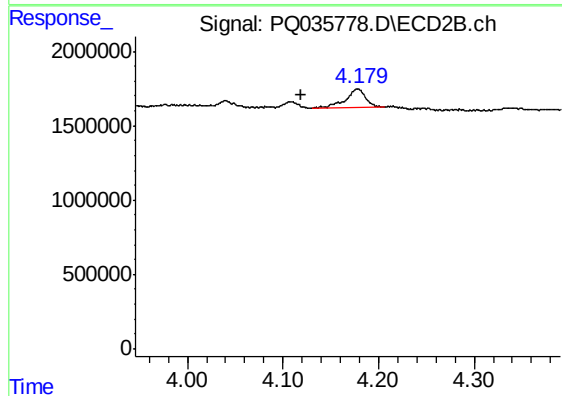
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: -0.061 min
Response: 9705985
Conc: 158.11 ng/ml



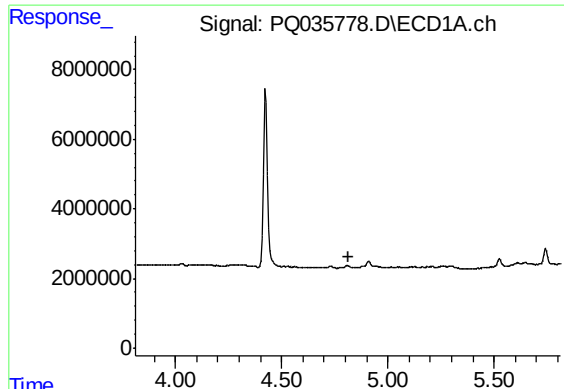
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



#10 AR-1221-3

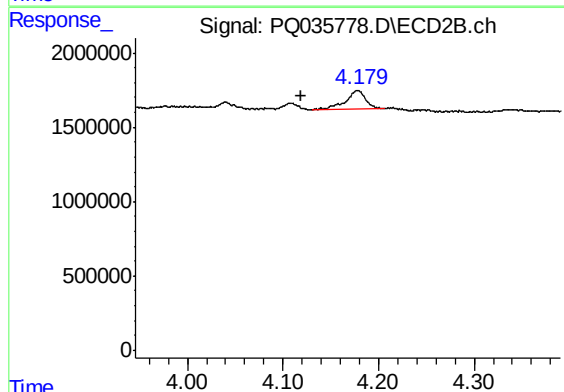
R.T.: 4.179 min
Delta R.T.: 0.060 min
Response: 1799190
Conc: 37.04 ng/ml



#11 AR-1232-1

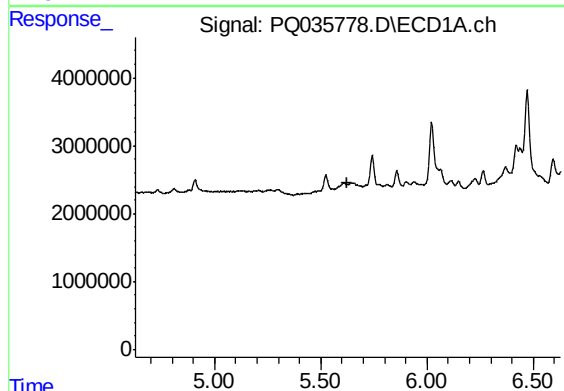
R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



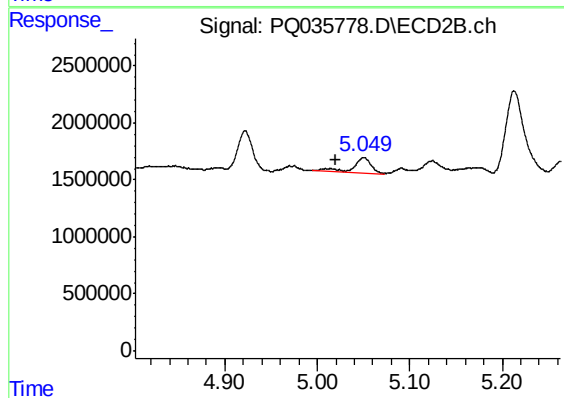
#11 AR-1232-1

R.T.: 4.179 min
Delta R.T.: 0.060 min
Response: 1799190
Conc: 40.86 ng/ml



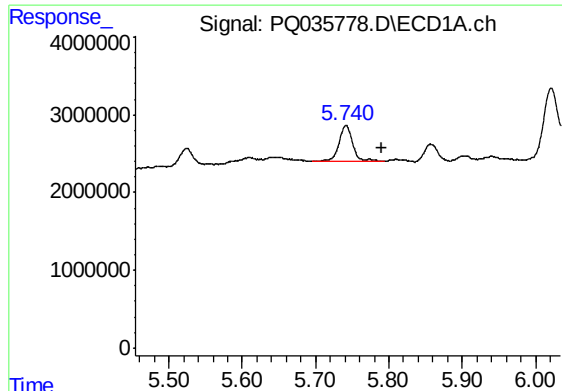
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.627 min
Response: 0
Conc: N.D.



#13 AR-1232-3

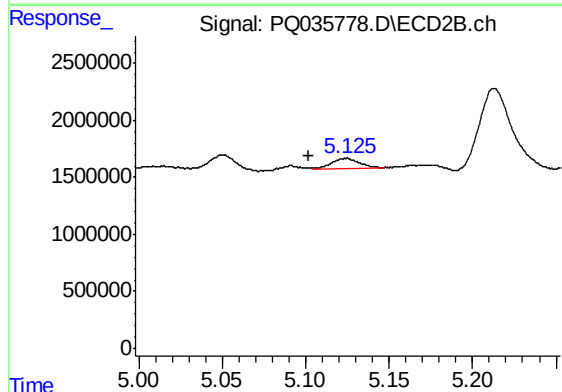
R.T.: 5.050 min
Delta R.T.: 0.030 min
Response: 1790661
Conc: 70.08 ng/ml



#14 AR-1232-4

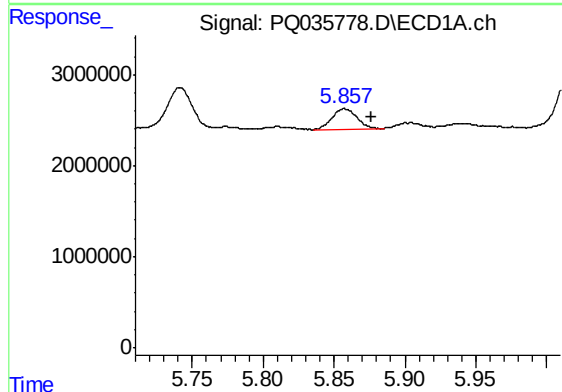
R.T.: 5.742 min
Delta R.T.: -0.049 min
Response: 5970037
Conc: 149.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



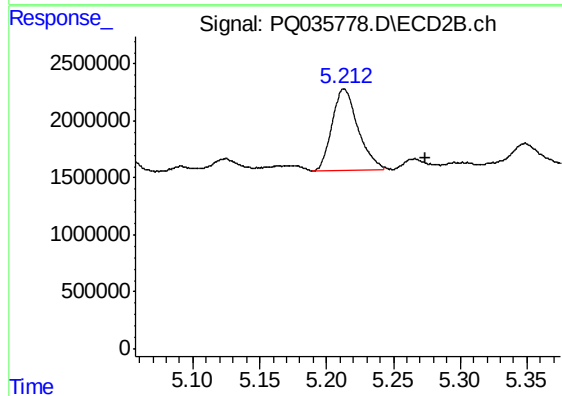
#14 AR-1232-4

R.T.: 5.124 min
Delta R.T.: 0.022 min
Response: 1091270
Conc: 47.83 ng/ml



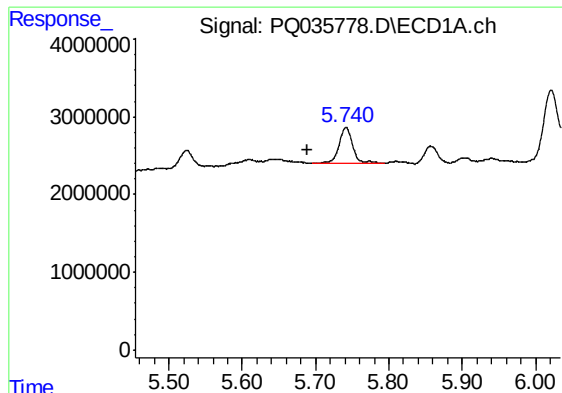
#15 AR-1232-5

R.T.: 5.857 min
Delta R.T.: -0.020 min
Response: 2763245
Conc: 87.26 ng/ml



#15 AR-1232-5

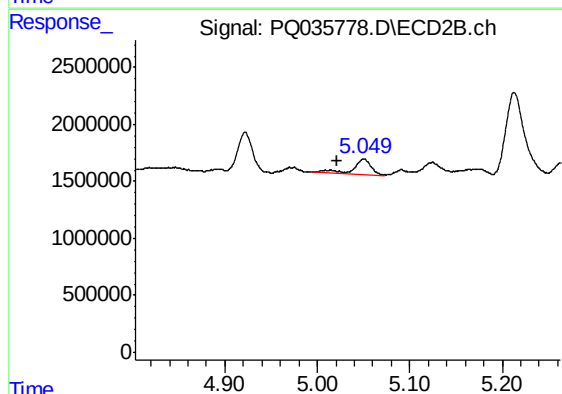
R.T.: 5.213 min
Delta R.T.: -0.061 min
Response: 9705985
Conc: 388.59 ng/ml



#18 AR-1242-3

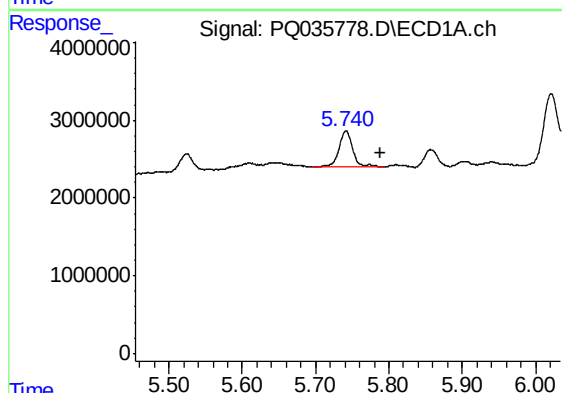
R.T.: 5.742 min
Delta R.T.: 0.052 min
Response: 5970037
Conc: 69.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



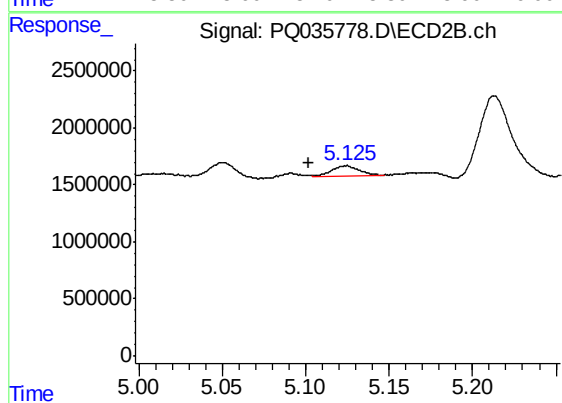
#18 AR-1242-3

R.T.: 5.050 min
Delta R.T.: 0.029 min
Response: 1790661
Conc: 39.76 ng/ml



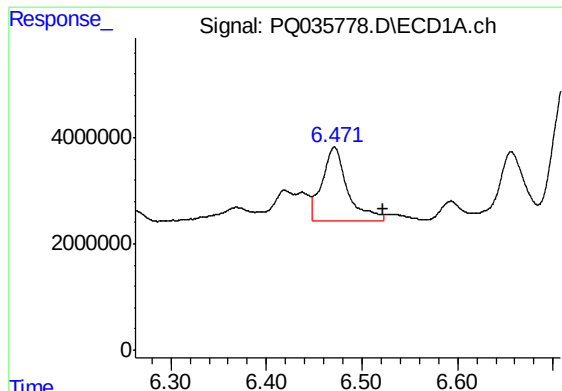
#19 AR-1242-4

R.T.: 5.742 min
Delta R.T.: -0.047 min
Response: 5970037
Conc: 86.30 ng/ml



#19 AR-1242-4

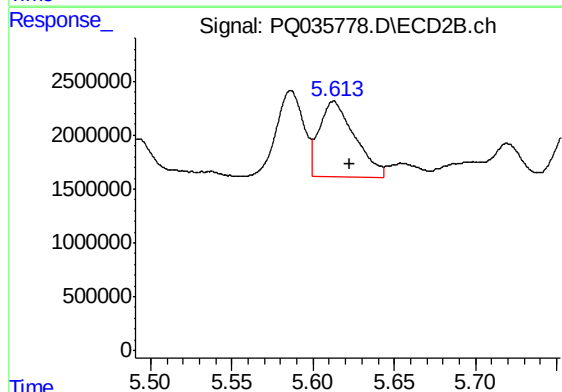
R.T.: 5.124 min
Delta R.T.: 0.022 min
Response: 1091270
Conc: 24.64 ng/ml



#20 AR-1242-5

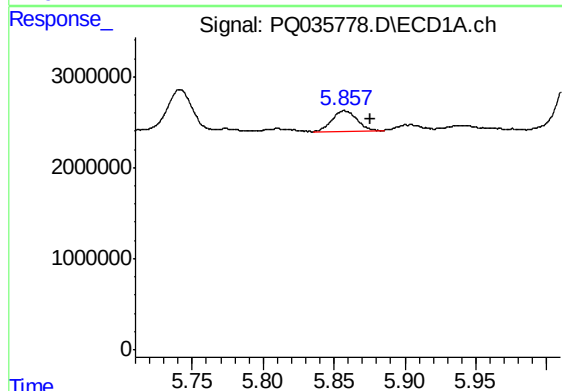
R.T.: 6.471 min
Delta R.T.: -0.051 min
Response: 25734605
Conc: 328.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



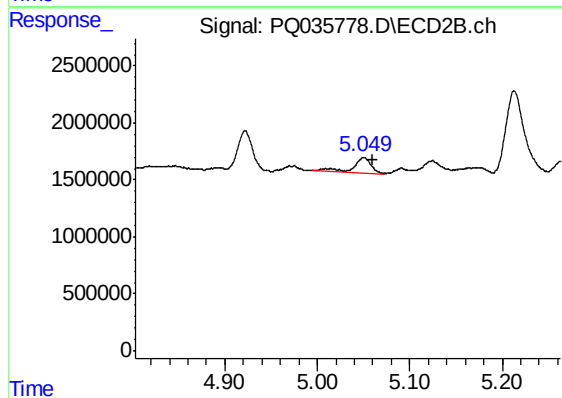
#20 AR-1242-5

R.T.: 5.613 min
Delta R.T.: -0.010 min
Response: 10680524
Conc: 193.52 ng/ml



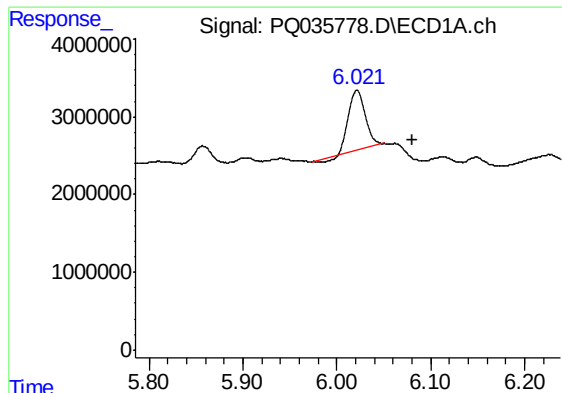
#22 AR-1248-2

R.T.: 5.857 min
Delta R.T.: -0.019 min
Response: 2763245
Conc: 29.15 ng/ml



#22 AR-1248-2

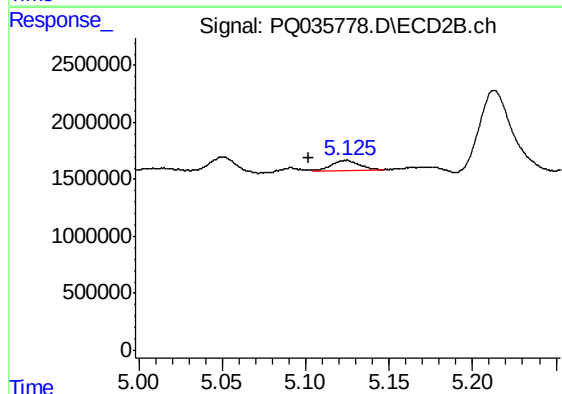
R.T.: 5.050 min
Delta R.T.: -0.010 min
Response: 1790661
Conc: 32.99 ng/ml



#23 AR-1248-3

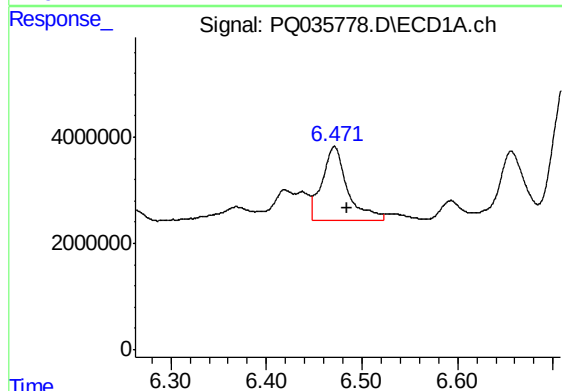
R.T.: 6.022 min
Delta R.T.: -0.060 min
Response: 9278115
Conc: 88.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



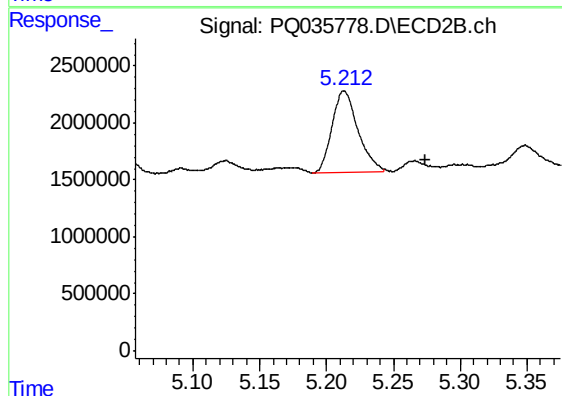
#23 AR-1248-3

R.T.: 5.124 min
Delta R.T.: 0.022 min
Response: 1091270
Conc: 19.56 ng/ml



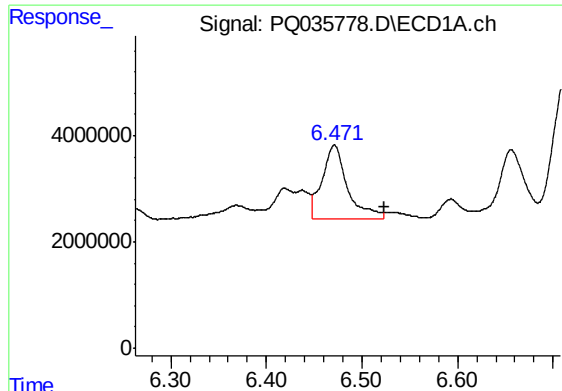
#24 AR-1248-4

R.T.: 6.471 min
Delta R.T.: -0.013 min
Response: 25734605
Conc: 208.97 ng/ml



#24 AR-1248-4

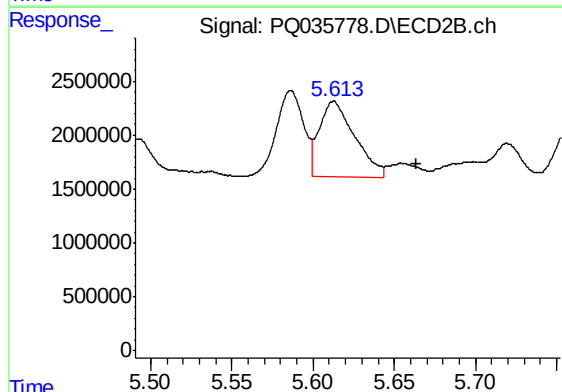
R.T.: 5.213 min
Delta R.T.: -0.061 min
Response: 9705985
Conc: 140.21 ng/ml



#25 AR-1248-5

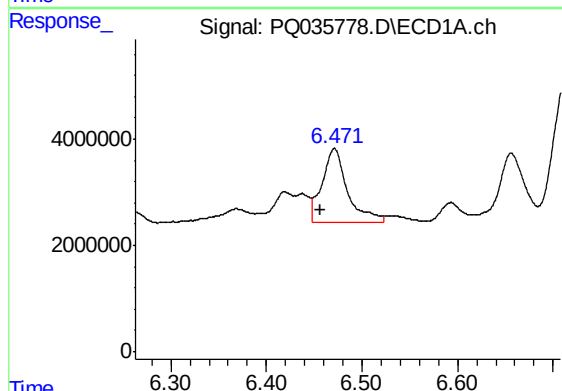
R.T.: 6.471 min
Delta R.T.: -0.052 min
Response: 25734605
Conc: 219.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



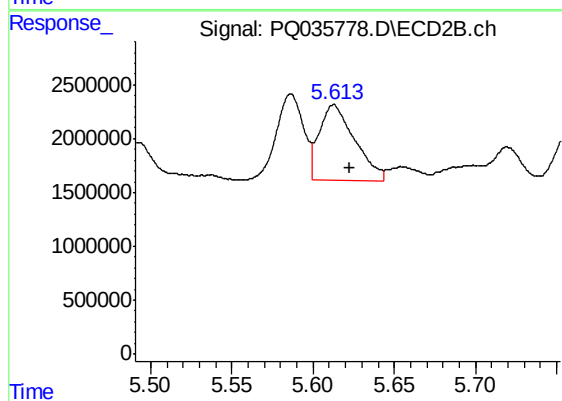
#25 AR-1248-5

R.T.: 5.613 min
Delta R.T.: -0.051 min
Response: 10680524
Conc: 151.54 ng/ml



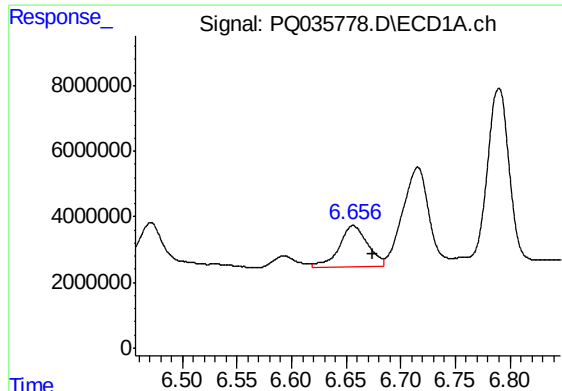
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.014 min
Response: 25734605
Conc: 169.05 ng/ml



#26 AR-1254-1

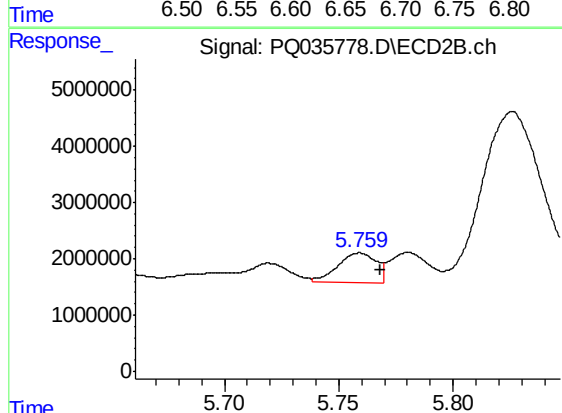
R.T.: 5.613 min
Delta R.T.: -0.010 min
Response: 10680524
Conc: 80.07 ng/ml



#27 AR-1254-2

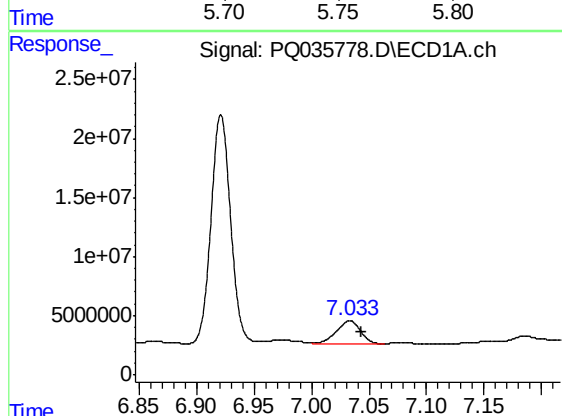
R.T.: 6.656 min
Delta R.T.: -0.018 min
Response: 23291665
Conc: 98.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



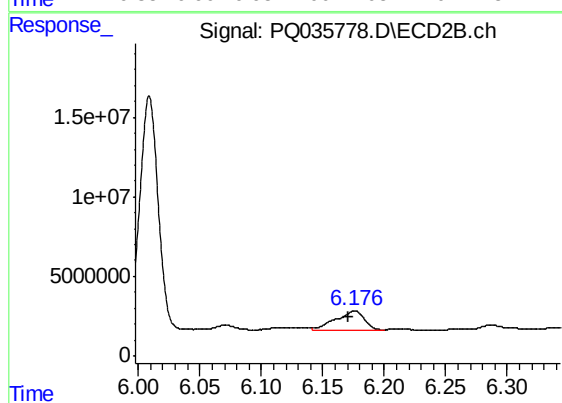
#27 AR-1254-2

R.T.: 5.759 min
Delta R.T.: -0.010 min
Response: 6128144
Conc: 53.03 ng/ml



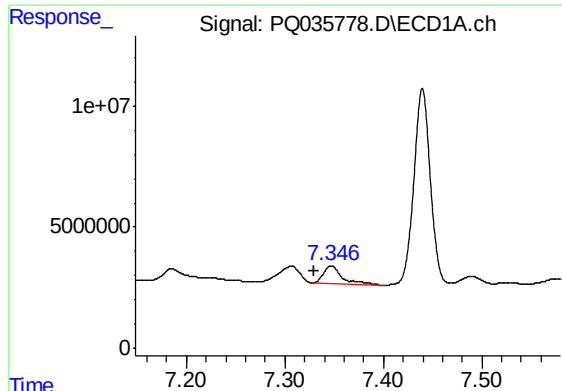
#28 AR-1254-3

R.T.: 7.034 min
Delta R.T.: -0.010 min
Response: 30510742
Conc: 118.83 ng/ml



#28 AR-1254-3

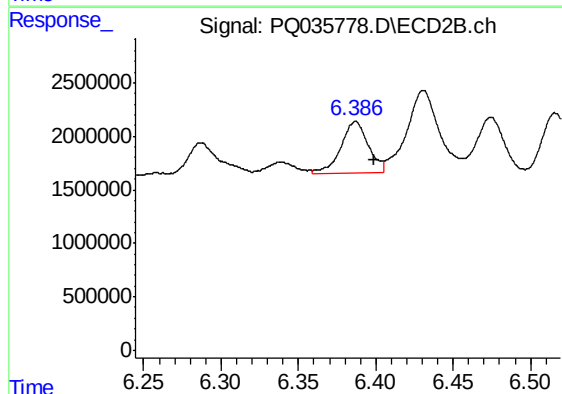
R.T.: 6.176 min
Delta R.T.: 0.005 min
Response: 19416091
Conc: 100.57 ng/ml



#29 AR-1254-4

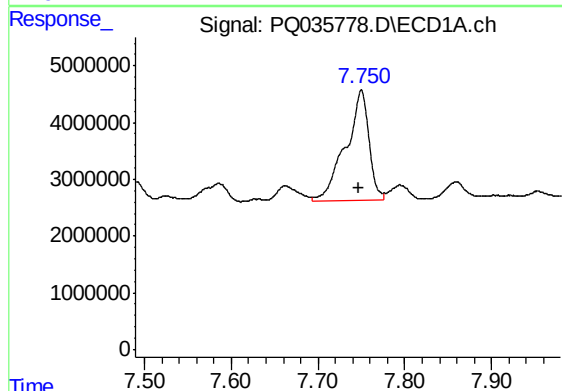
R.T.: 7.347 min
Delta R.T.: 0.018 min
Response: 9816785
Conc: 54.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



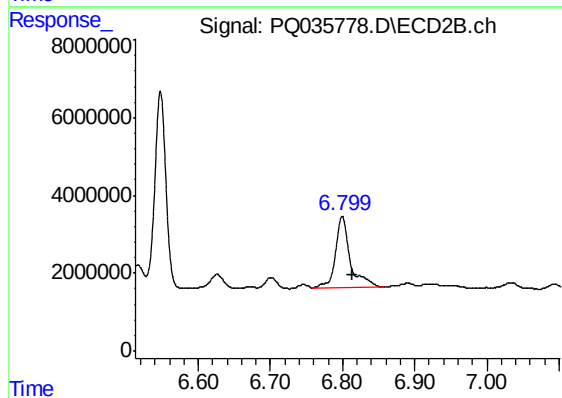
#29 AR-1254-4

R.T.: 6.387 min
Delta R.T.: -0.012 min
Response: 5827301
Conc: 48.42 ng/ml



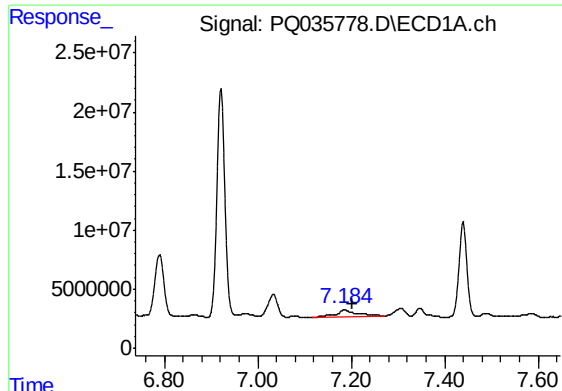
#30 AR-1254-5

R.T.: 7.750 min
Delta R.T.: 0.003 min
Response: 35602350
Conc: 181.50 ng/ml



#30 AR-1254-5

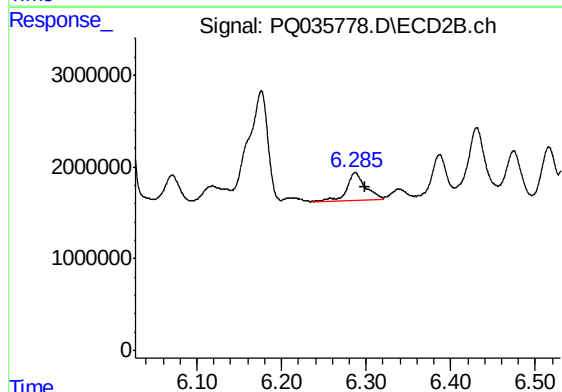
R.T.: 6.800 min
Delta R.T.: -0.014 min
Response: 26625516
Conc: 163.48 ng/ml



#31 AR-1260-1

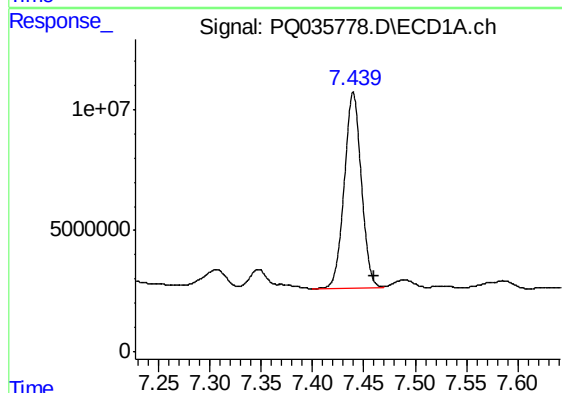
R.T.: 7.185 min
Delta R.T.: -0.019 min
Response: 19398092
Conc: 105.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



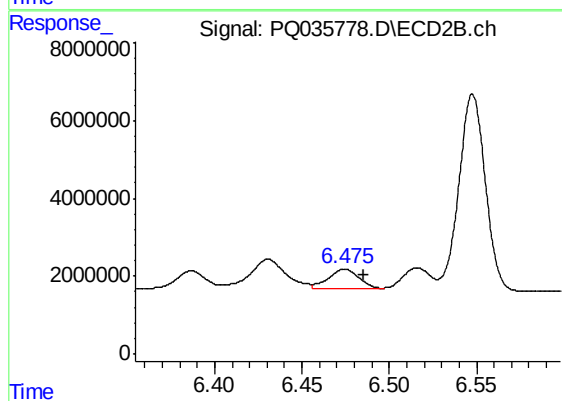
#31 AR-1260-1

R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 4618975
Conc: 36.72 ng/ml



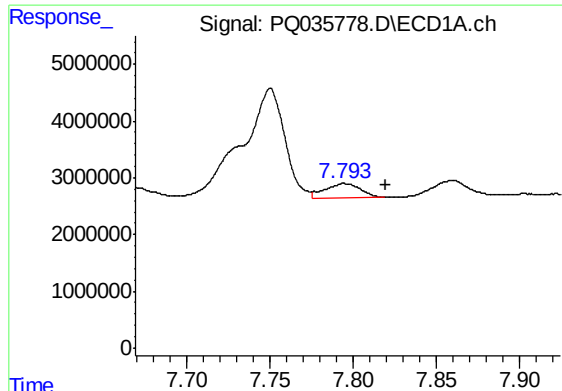
#32 AR-1260-2

R.T.: 7.440 min
Delta R.T.: -0.020 min
Response: 93654886
Conc: 431.03 ng/ml



#32 AR-1260-2

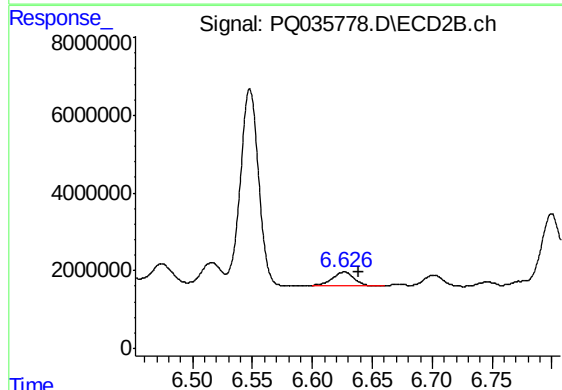
R.T.: 6.474 min
Delta R.T.: -0.011 min
Response: 5903677
Conc: 39.09 ng/ml



#33 AR-1260-3

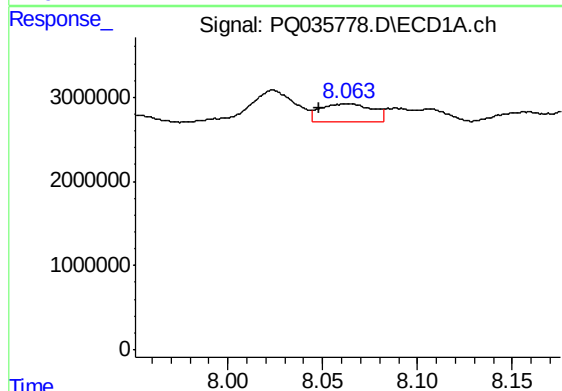
R.T.: 7.794 min
Delta R.T.: -0.025 min
Response: 3605689
Conc: 26.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



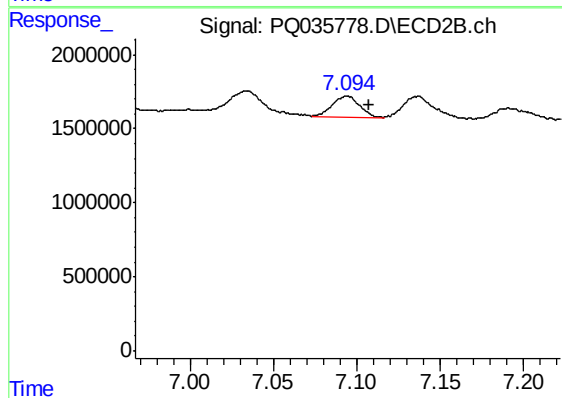
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: -0.013 min
Response: 4304934
Conc: 30.81 ng/ml



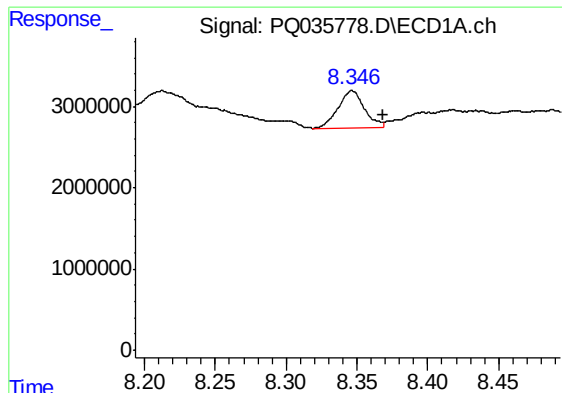
#34 AR-1260-4

R.T.: 8.063 min
Delta R.T.: 0.015 min
Response: 4029647
Conc: 24.45 ng/ml



#34 AR-1260-4

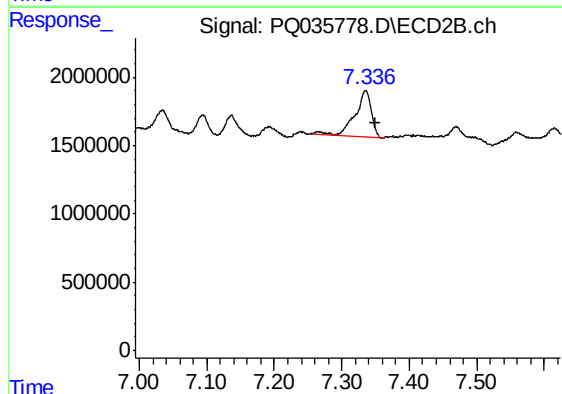
R.T.: 7.094 min
Delta R.T.: -0.013 min
Response: 1570934
Conc: 16.92 ng/ml



#35 AR-1260-5

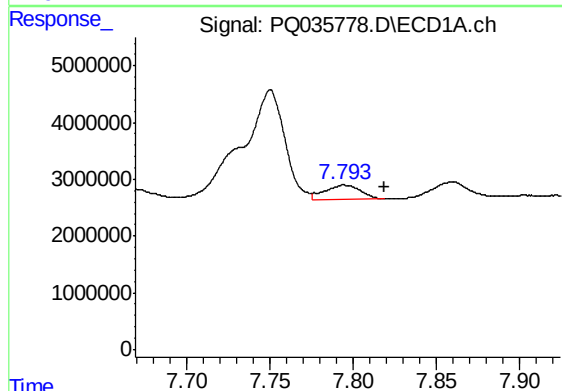
R.T.: 8.346 min
Delta R.T.: -0.022 min
Response: 5914795
Conc: 19.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



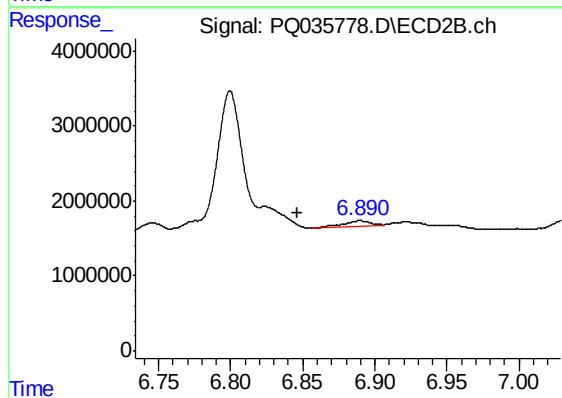
#35 AR-1260-5

R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 5827637
Conc: 25.97 ng/ml



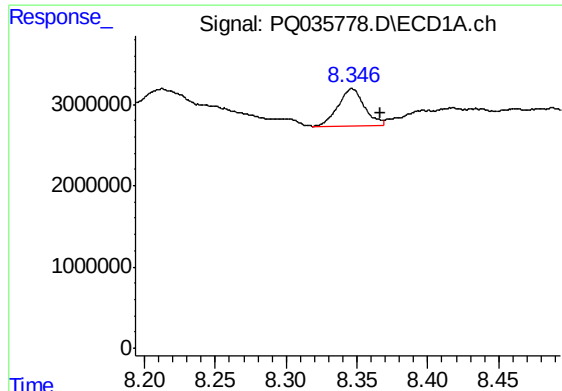
#36 AR-1262-1

R.T.: 7.794 min
Delta R.T.: -0.024 min
Response: 3605689
Conc: 16.46 ng/ml



#36 AR-1262-1

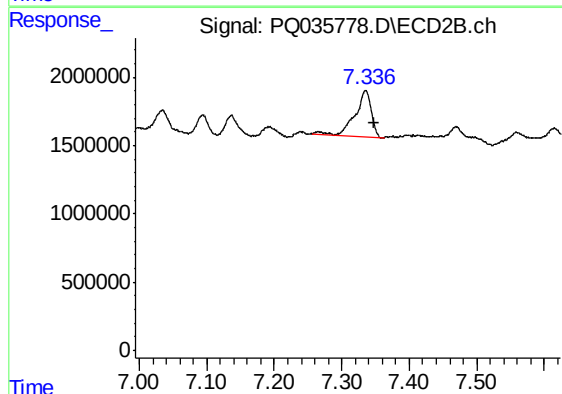
R.T.: 6.890 min
Delta R.T.: 0.043 min
Response: 942865
Conc: 6.14 ng/ml



#37 AR-1262-2

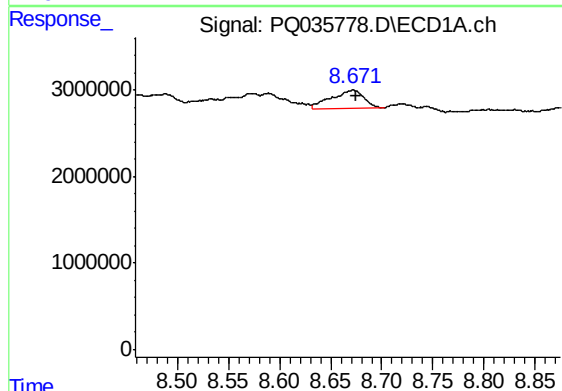
R.T.: 8.346 min
Delta R.T.: -0.020 min
Response: 5914795
Conc: 15.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



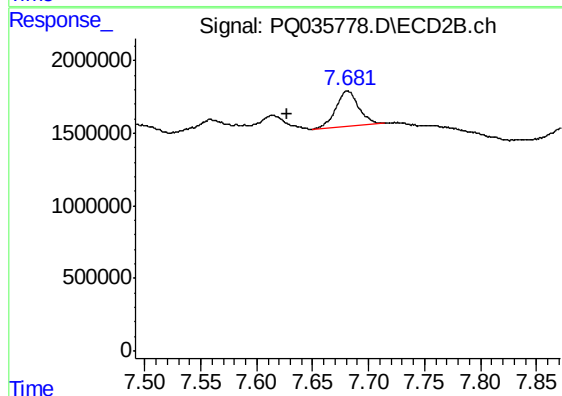
#37 AR-1262-2

R.T.: 7.335 min
Delta R.T.: -0.013 min
Response: 5827637
Conc: 21.84 ng/ml



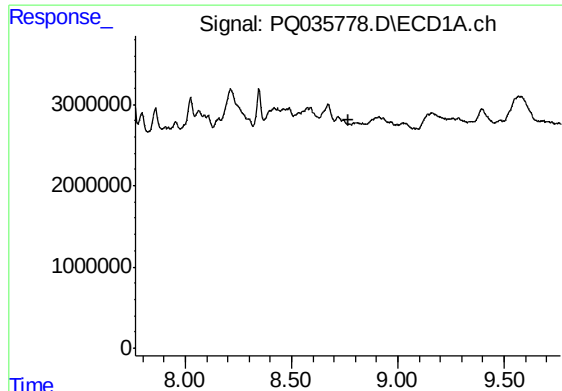
#38 AR-1262-3

R.T.: 8.672 min
Delta R.T.: -0.003 min
Response: 4692163
Conc: 19.52 ng/ml



#38 AR-1262-3

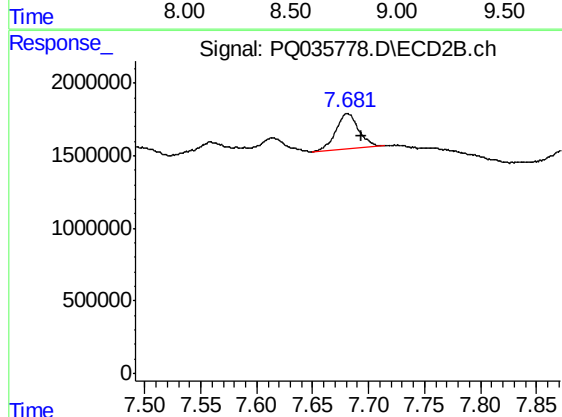
R.T.: 7.681 min
Delta R.T.: 0.054 min
Response: 3458244
Conc: 33.32 ng/ml



#39 AR-1262-4

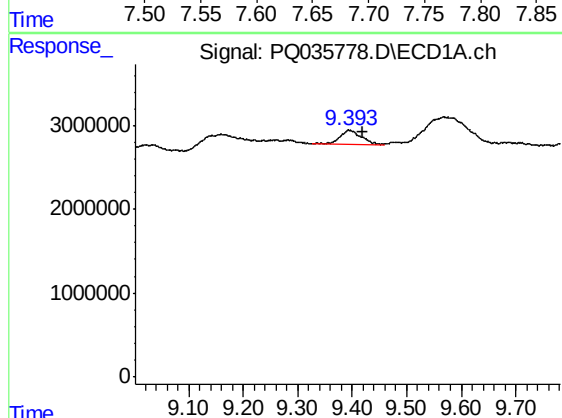
R.T.: 0.000 min
Exp R.T. : 8.765 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



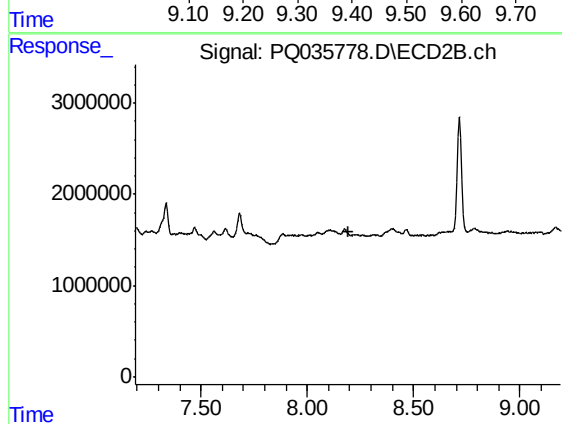
#39 AR-1262-4

R.T.: 7.681 min
Delta R.T.: -0.012 min
Response: 3458244
Conc: 18.67 ng/ml



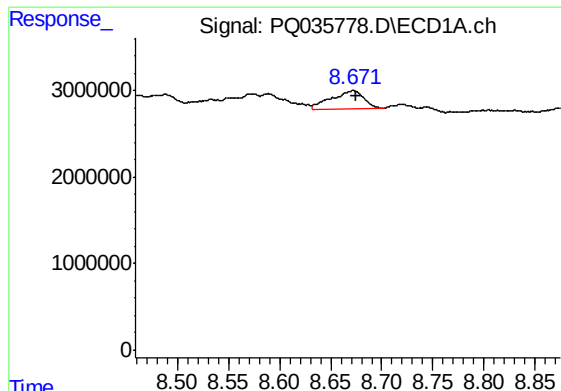
#40 AR-1262-5

R.T.: 9.394 min
Delta R.T.: -0.026 min
Response: 4427154
Conc: 38.87 ng/ml



#40 AR-1262-5

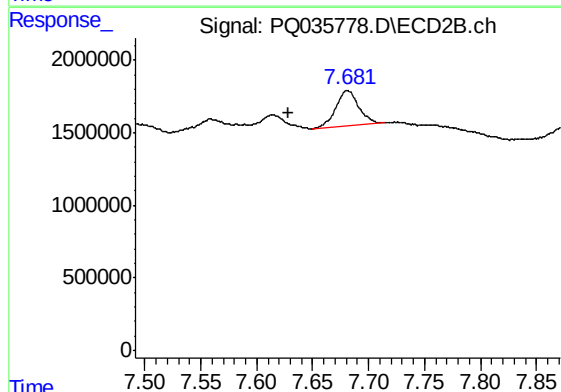
R.T.: 0.000 min
Exp R.T. : 8.191 min
Response: 0
Conc: N.D.



#41 AR-1268-1

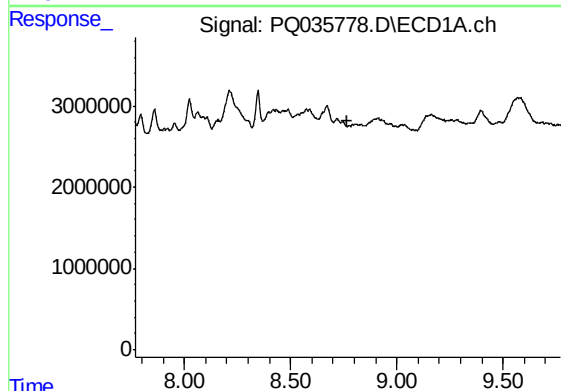
R.T.: 8.672 min
Delta R.T.: -0.003 min
Response: 4692163
Conc: 9.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



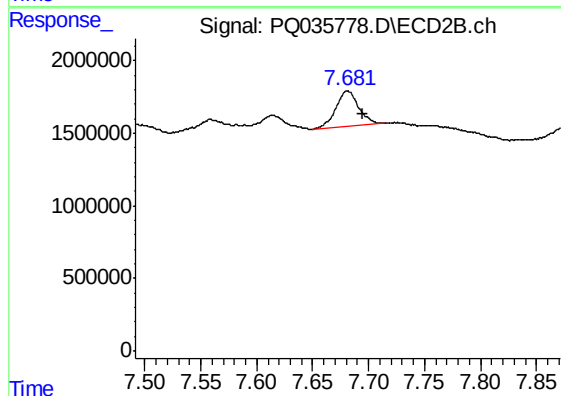
#41 AR-1268-1

R.T.: 7.681 min
Delta R.T.: 0.053 min
Response: 3458244
Conc: 10.37 ng/ml



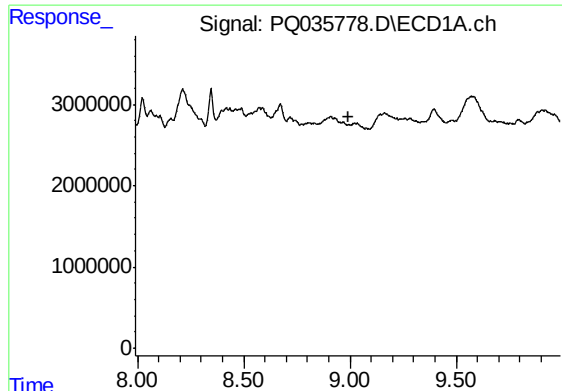
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.770 min
Response: 0
Conc: N.D.



#42 AR-1268-2

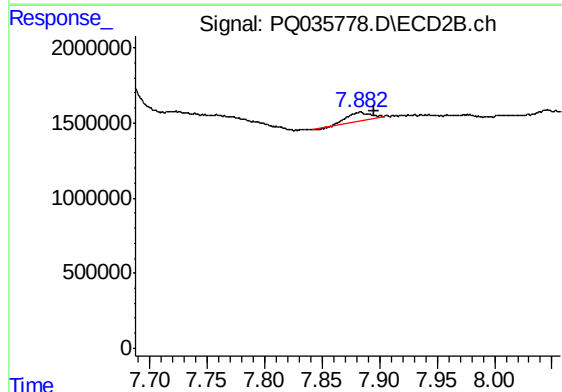
R.T.: 7.681 min
Delta R.T.: -0.014 min
Response: 3458244
Conc: 11.67 ng/ml



#43 AR-1268-3

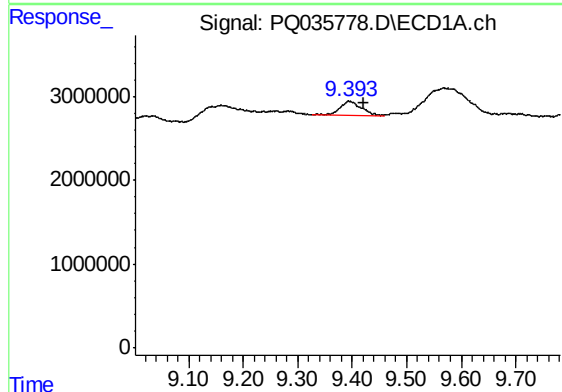
R.T.: 0.000 min
Exp R.T. : 8.991 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
NCC-KEARNY-TOPSOIL



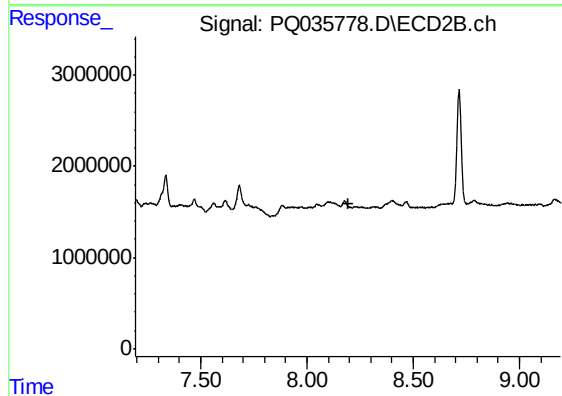
#43 AR-1268-3

R.T.: 7.883 min
Delta R.T.: -0.013 min
Response: 851554
Conc: 3.48 ng/ml



#44 AR-1268-4

R.T.: 9.394 min
Delta R.T.: -0.028 min
Response: 4427154
Conc: 32.29 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.193 min
Response: 0
Conc: N.D.