Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042919\
Data File : PS004339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2019 21:59
Operator : EI\SJ
Sample : MDL-HERB-SOIL-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** ECD_S
**ClientSampleId :** MDL-HERB-SOIL-03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 09:17:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042919.M
Quant Title : 8080.M
QLast Update : Tue Apr 30 08:27:54 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
Signal #1 Info : 30M x 0.32mm x0.5 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 | | | | | | | |
| 4) | S | 2,4-DCAA | 6.024 | 5.713 | 264.6E6 | 208.0E6 | 420.338 | 431.284 | |
| | | Target Compounds | | | | | | | |
| 1) | T | Dalapon | 2.410 | 2.067 | 71762655 | 61666823 | 91.326 | 92.152 | |
| 2) | T | 3,5-DICHL... | 5.369 | 5.003 | 83663779 | 63050079 | 105.903 | 102.565 | |
| 3) | T | 4-Nitroph... | 5.917 | 5.397 | 19804675 | 23207426 | 79.250 | 93.821 | |
| 5) | T | DICAMBA | 6.184 | 5.847 | 244.4E6 | 191.7E6 | 102.779 | 102.407 | |
| 6) | T | MCPP | 6.336 | 5.928 | 12954293 | 11064582 | 7.497 | 8.228 | |
| 7) | T | MCPA | 6.473 | 6.112 | 22894018 | 20397682 | 8.886 | 10.268 | |
| 8) | T | DICHLORPROP | 6.837 | 6.409 | 63229512 | 50980382 | 110.481 | 108.336 | |
| 9) | T | 2,4-D | 7.083 | 6.690 | 87282394 | 56647921 | 136.157 | 107.734 | |
| 10) | T | Pentachlo... | 7.316 | 7.055 | 884.9E6 | 713.6E6 | 103.869 | 106.995 | |
| 11) | T | 2,4,5-TP ... | 7.862 | 7.422 | 314.5E6 | 262.8E6 | 97.539 | 100.038 | |
| 12) | T | 2,4,5-T | 8.152 | 7.825 | 355.8E6 | 252.4E6 | 104.517 | 112.217 | |
| 13) | T | 2,4-DB | 8.694 | 8.280 | 24706223 | 23904495 | 73.434 | 87.191 | |
| 14) | T | DINOSEB | 9.767 | 8.586 | 347.9E6 | 197.1E6 | 115.822 | 100.823 | |
| 15) | T | Picloram | 9.582 | 9.539 | 29984679 | 336.1E6 | 7.083 | 91.902 | # |
| 16) | T | DCPA | 10.040 | 9.487 | 456.4E6 | 354.8E6 | 104.452 | 107.855 | |

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

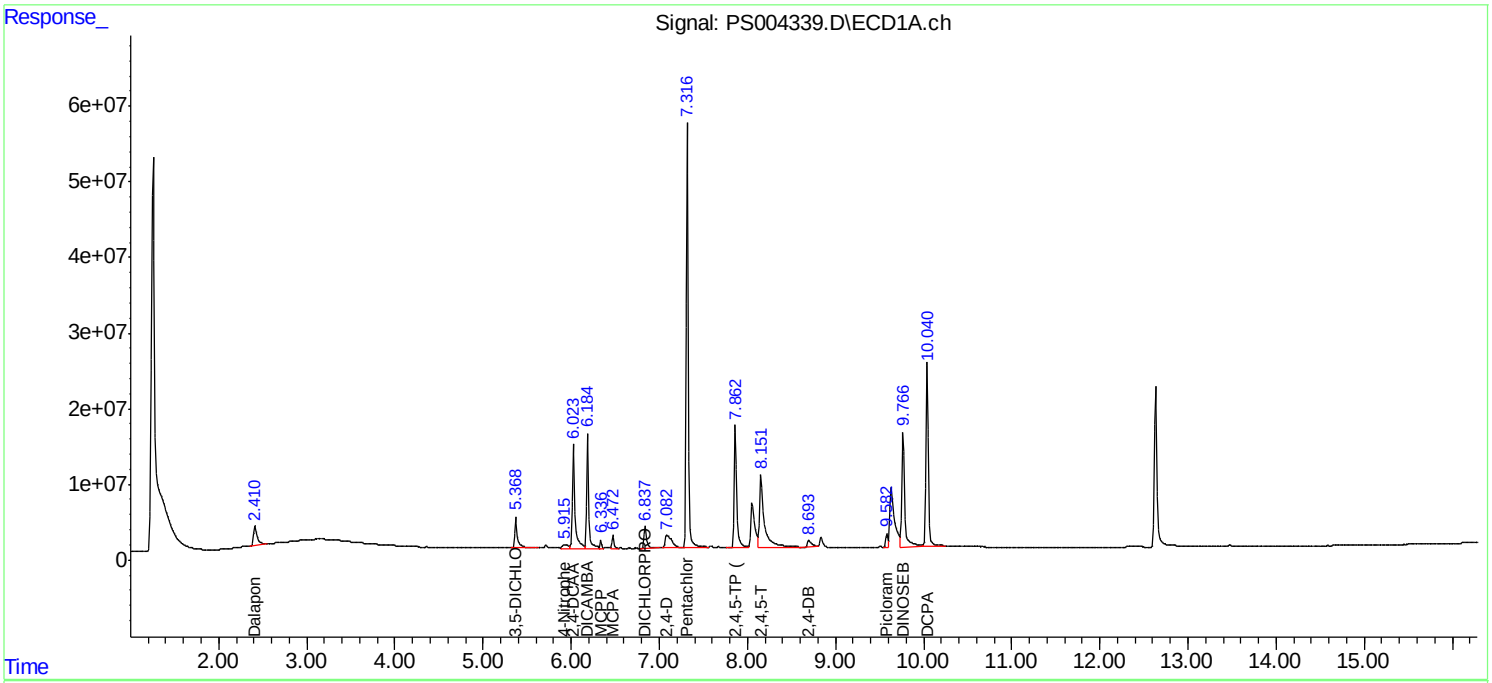
Quantitation Report (Not Reviewed)

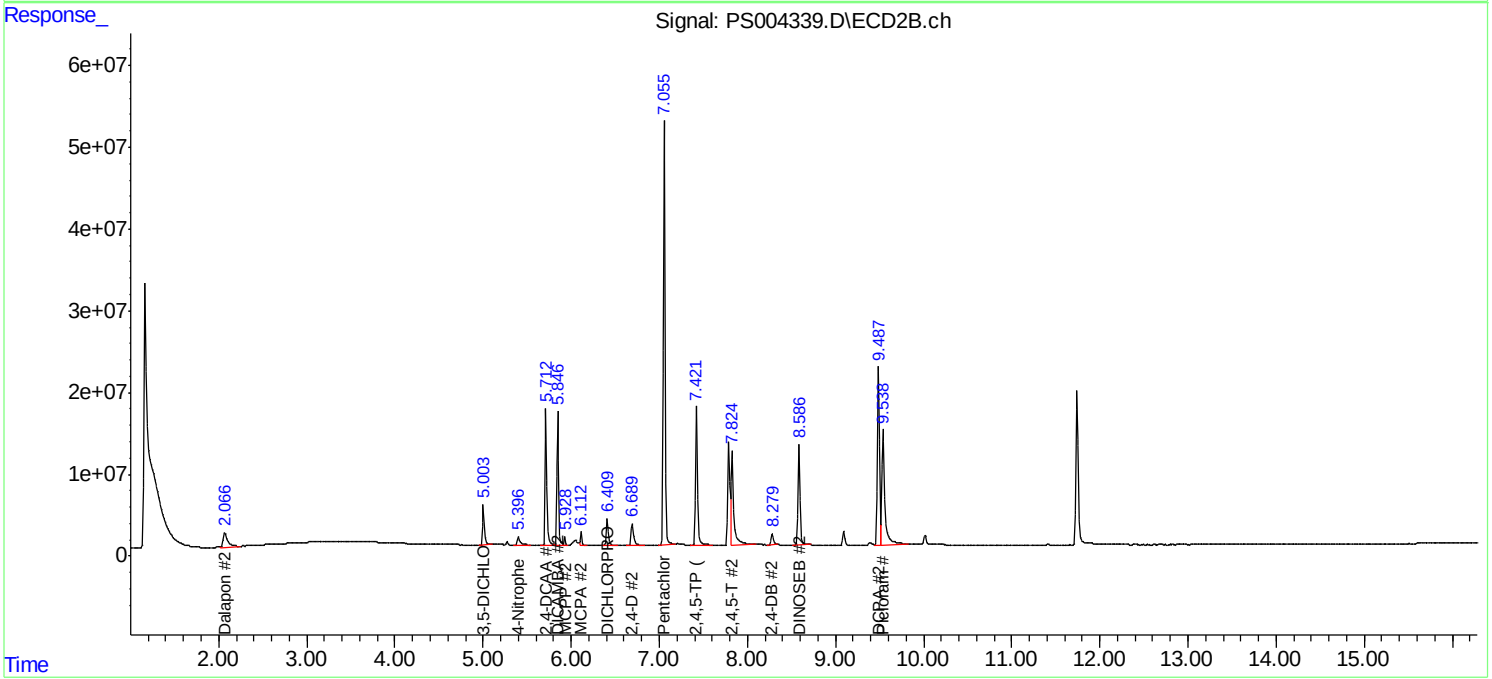
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042919\
Data File : PS004339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2019 21:59
Operator : EI\SJ
Sample : MDL-HERB-SOIL-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

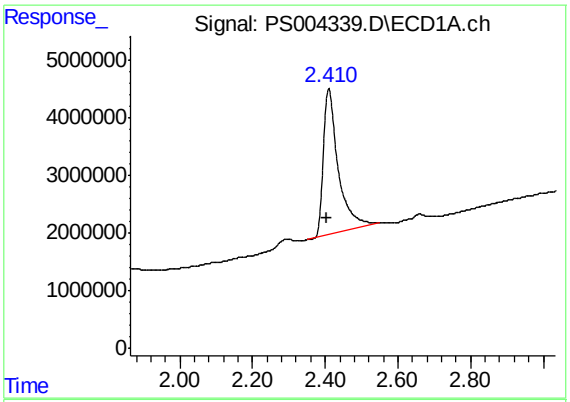
**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 09:17:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042919.M
Quant Title : 8080.M
QLast Update : Tue Apr 30 08:27:54 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



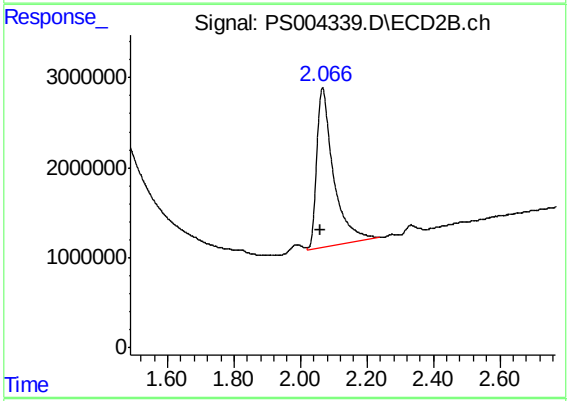






#1 Dalapon

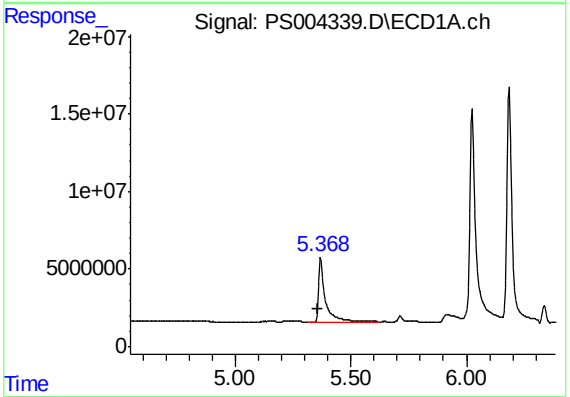
R.T.: 2.410 min
Delta R.T.: 0.005 min
Response: 71762655
Conc: 91.33 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



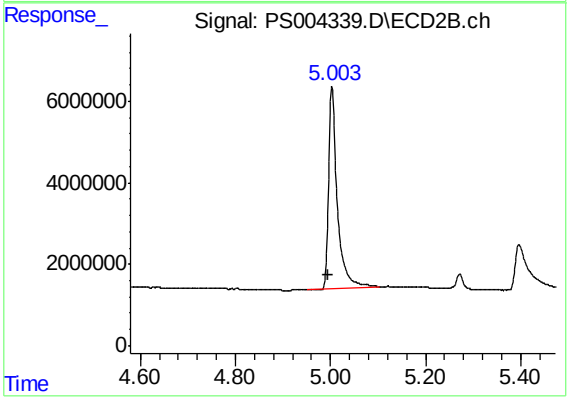

#1 Dalapon

R.T.: 2.067 min
Delta R.T.: 0.005 min
Response: 61666823
Conc: 92.15 ng/ml



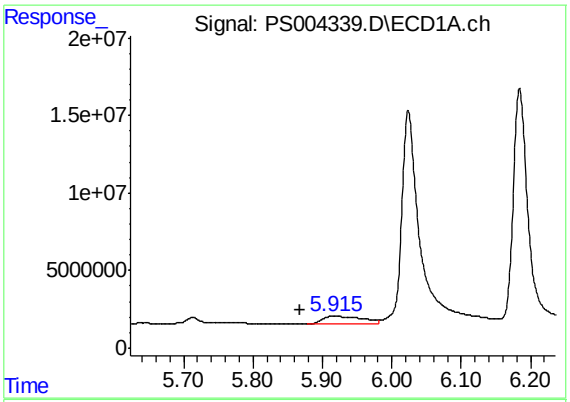

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.369 min
Delta R.T.: 0.014 min
Response: 83663779
Conc: 105.90 ng/ml




#2 3,5-DICHLOROBENZOIC ACID

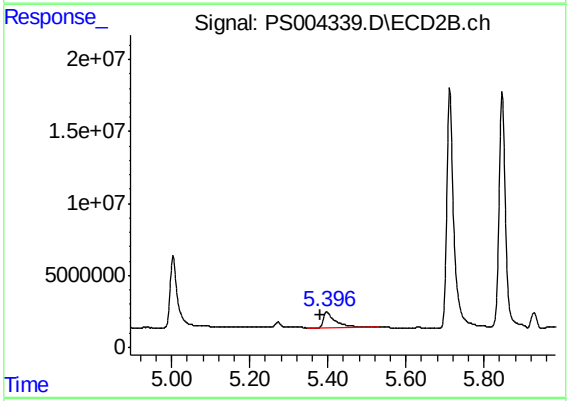
R.T.: 5.003 min
Delta R.T.: 0.009 min
Response: 63050079
Conc: 102.57 ng/ml




#3 4-Nitrophenol

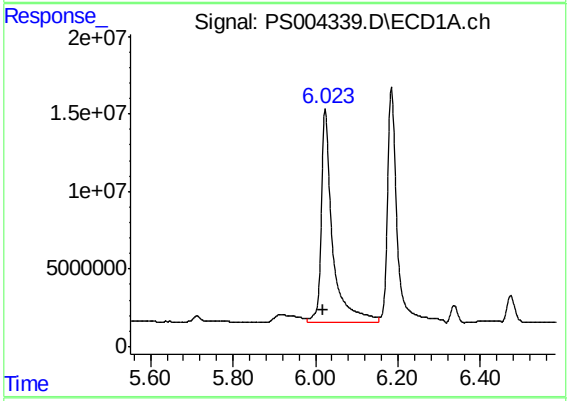
R.T.: 5.917 min
Delta R.T.: 0.049 min
Response: 19804675
Conc: 79.25 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



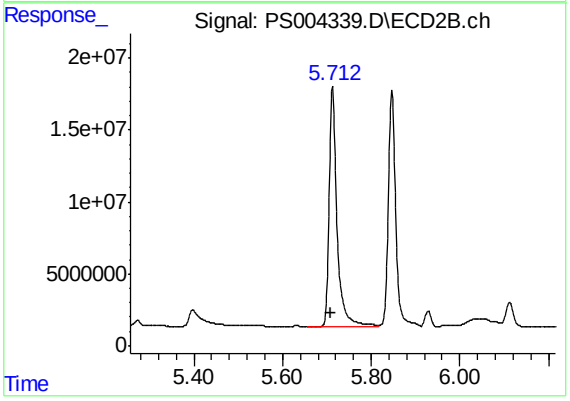

#3 4-Nitrophenol

R.T.: 5.397 min
Delta R.T.: 0.016 min
Response: 23207426
Conc: 93.82 ng/ml



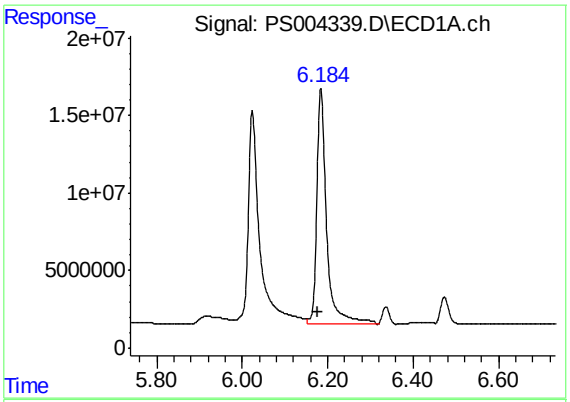

#4 2,4-DCAA

R.T.: 6.024 min
Delta R.T.: 0.006 min
Response: 264584478
Conc: 420.34 ng/ml




#4 2,4-DCAA

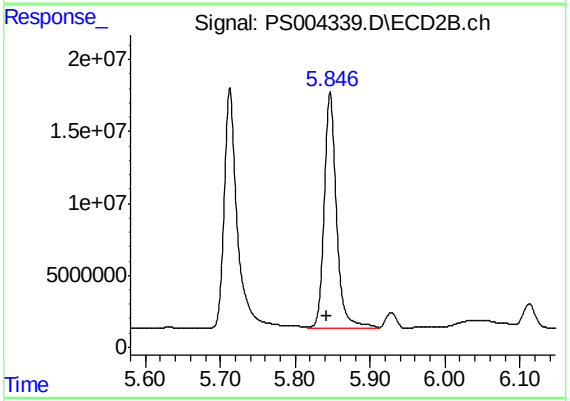
R.T.: 5.713 min
Delta R.T.: 0.004 min
Response: 208001114
Conc: 431.28 ng/ml




#5 DICAMBA

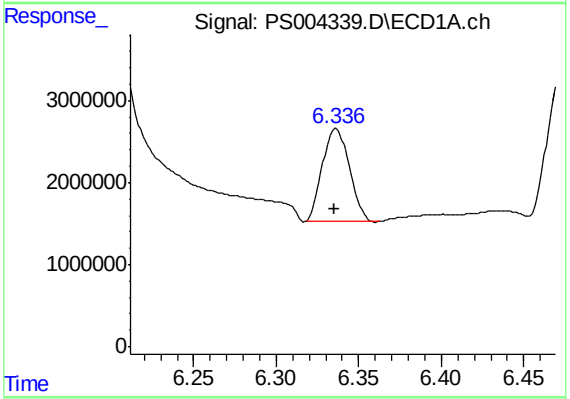
R.T.: 6.184 min
Delta R.T.: 0.007 min
Response: 244403981
Conc: 102.78 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



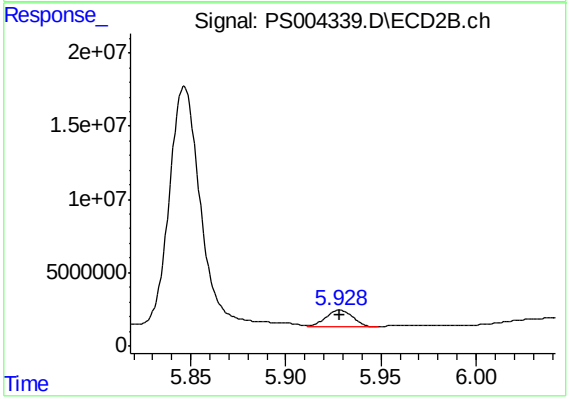

#5 DICAMBA

R.T.: 5.847 min
Delta R.T.: 0.004 min
Response: 191678916
Conc: 102.41 ng/ml



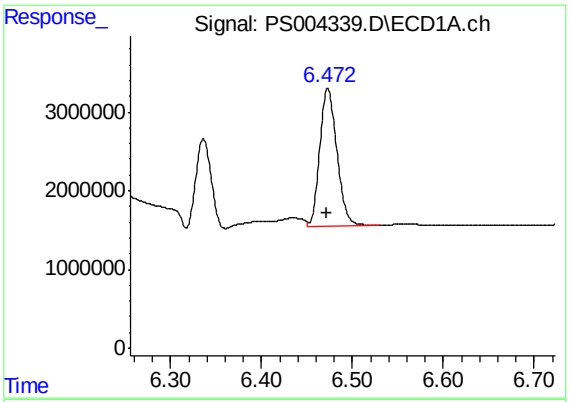

#6 MCPP

R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 12954293
Conc: 7.50 ug/ml




#6 MCPP

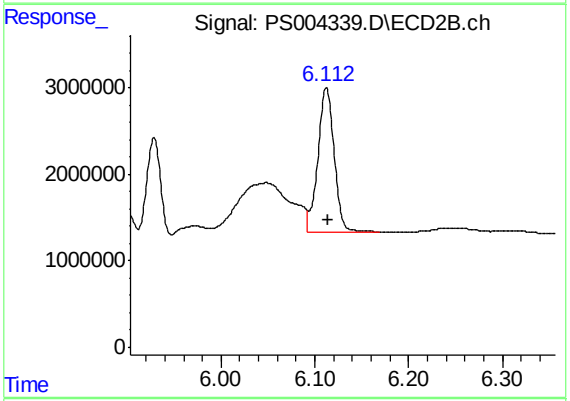
R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 11064582
Conc: 8.23 ug/ml




#7 MCPA

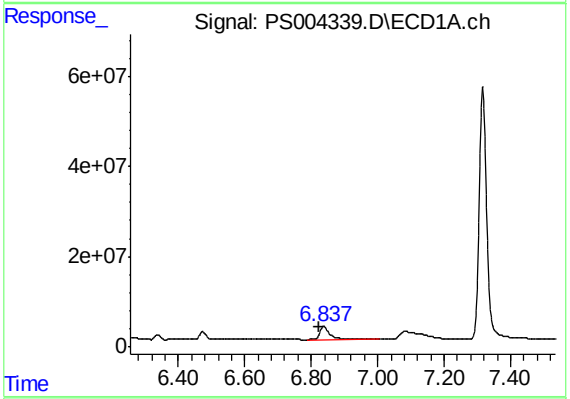
R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 22894018
Conc: 8.89 ug/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



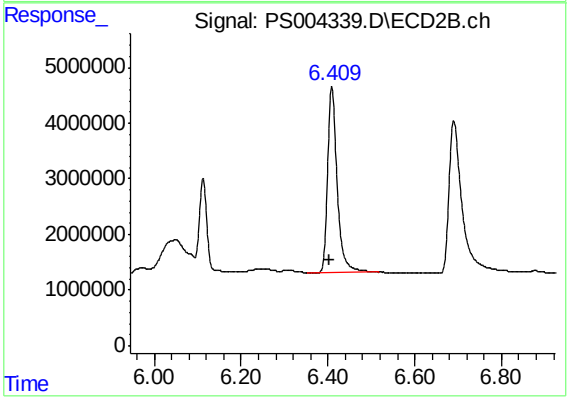

#7 MCPA

R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 20397682
Conc: 10.27 ug/ml



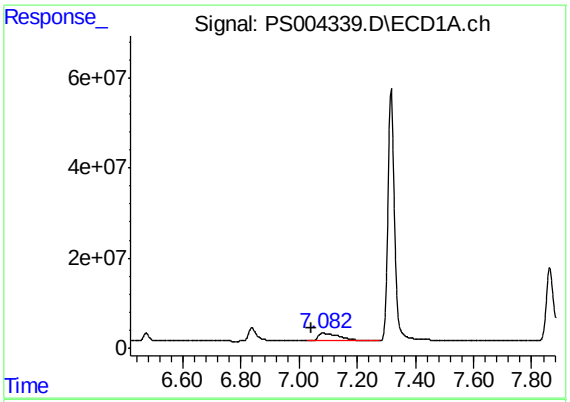

#8 DICHLORPROP

R.T.: 6.837 min
Delta R.T.: 0.012 min
Response: 63229512
Conc: 110.48 ng/ml




#8 DICHLORPROP

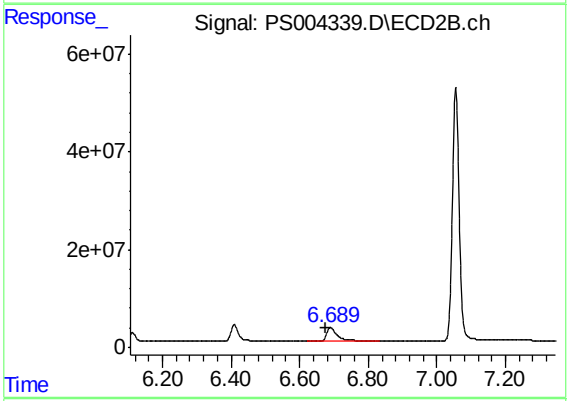
R.T.: 6.409 min
Delta R.T.: 0.007 min
Response: 50980382
Conc: 108.34 ng/ml




#9 2,4-D

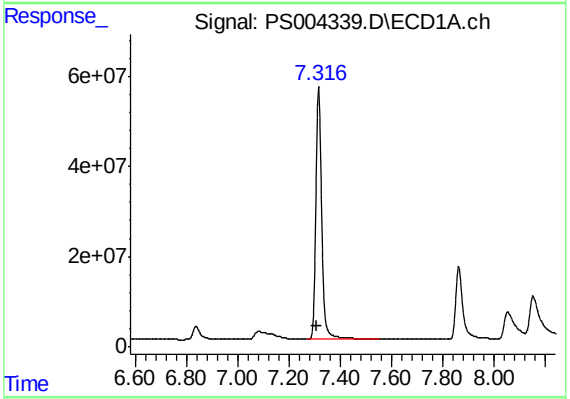
R.T.: 7.083 min
Delta R.T.: 0.038 min
Response: 87282394
Conc: 136.16 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



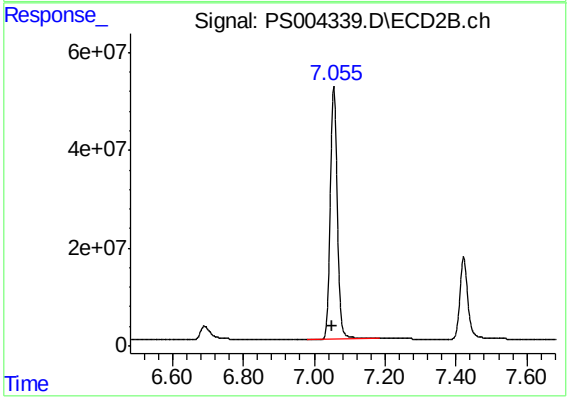

#9 2,4-D

R.T.: 6.690 min
Delta R.T.: 0.014 min
Response: 56647921
Conc: 107.73 ng/ml



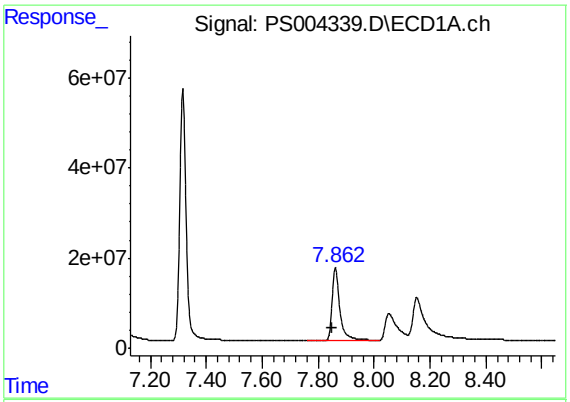

#10 Pentachlorophenol

R.T.: 7.316 min
Delta R.T.: 0.007 min
Response: 884884680
Conc: 103.87 ng/ml




#10 Pentachlorophenol

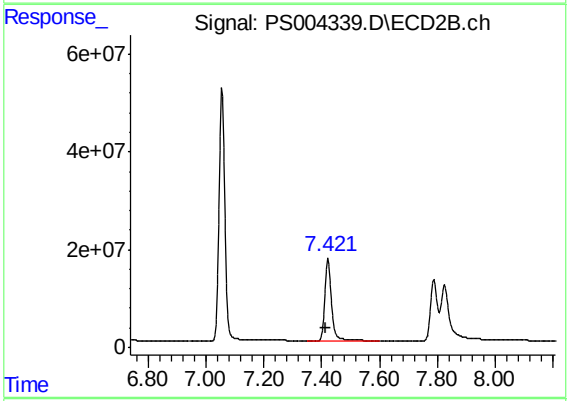
R.T.: 7.055 min
Delta R.T.: 0.004 min
Response: 713631376
Conc: 106.99 ng/ml




#11 2,4,5-TP (SILVEX)

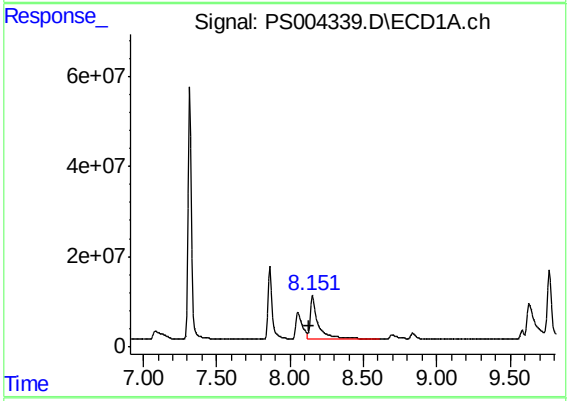
R.T.: 7.862 min
Delta R.T.: 0.012 min
Response: 314537639
Conc: 97.54 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



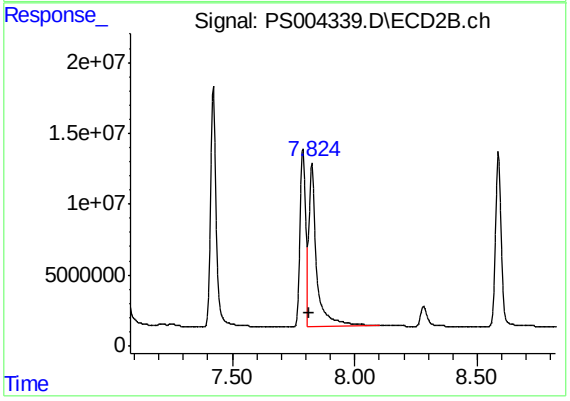

#11 2,4,5-TP (SILVEX)

R.T.: 7.422 min
Delta R.T.: 0.007 min
Response: 262844896
Conc: 100.04 ng/ml



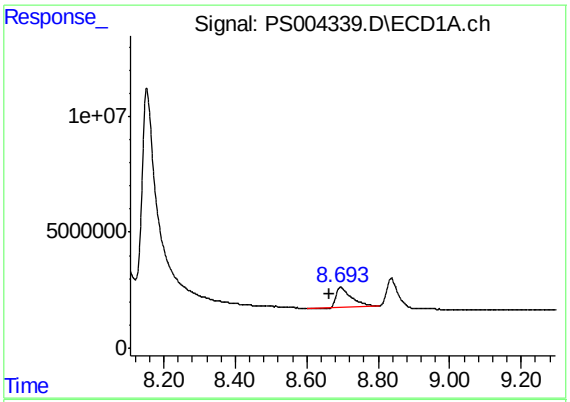

#12 2,4,5-T

R.T.: 8.152 min
Delta R.T.: 0.025 min
Response: 355846469
Conc: 104.52 ng/ml




#12 2,4,5-T

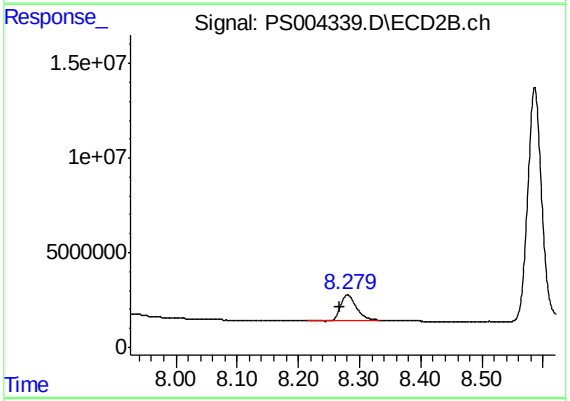
R.T.: 7.825 min
Delta R.T.: 0.011 min
Response: 252407314
Conc: 112.22 ng/ml




#13 2,4-DB

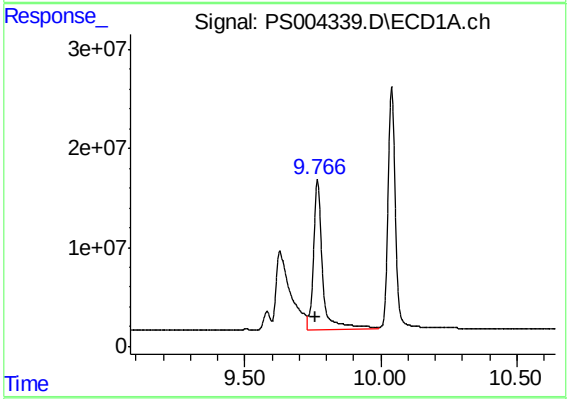
R.T.: 8.694 min
Delta R.T.: 0.032 min
Response: 24706223
Conc: 73.43 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



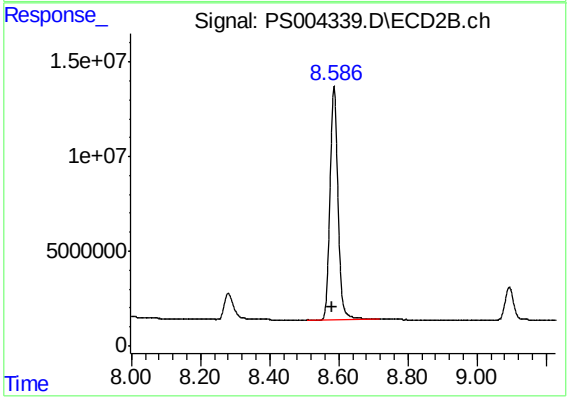

#13 2,4-DB

R.T.: 8.280 min
Delta R.T.: 0.013 min
Response: 23904495
Conc: 87.19 ng/ml



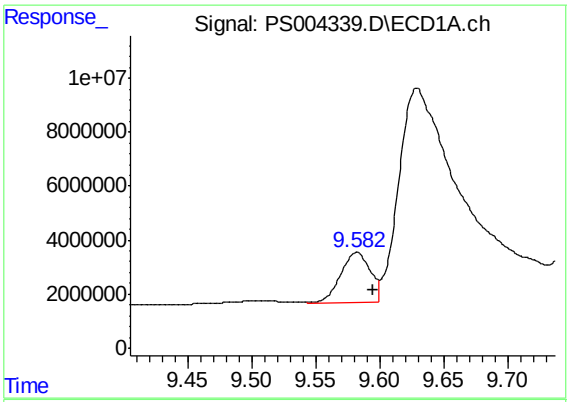

#14 DINOSEB

R.T.: 9.767 min
Delta R.T.: 0.006 min
Response: 347932900
Conc: 115.82 ng/ml




#14 DINOSEB

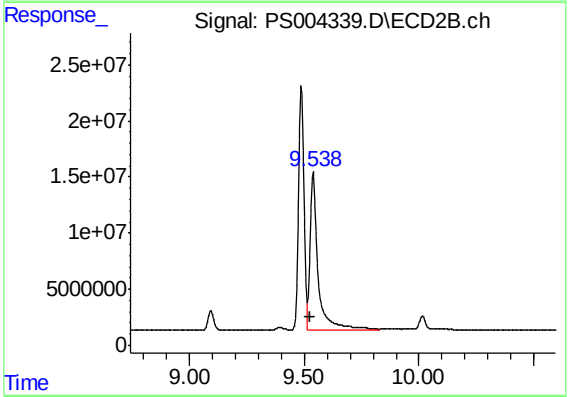
R.T.: 8.586 min
Delta R.T.: 0.005 min
Response: 197058992
Conc: 100.82 ng/ml




#15 Picloram

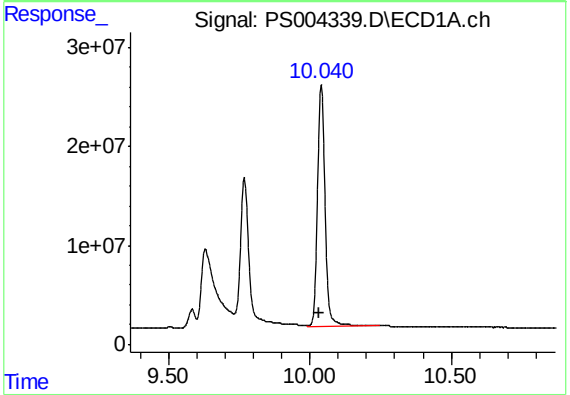
R.T.: 9.582 min
Delta R.T.: -0.013 min
Response: 29984679
Conc: 7.08 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**
MDL-HERB-SOIL-03



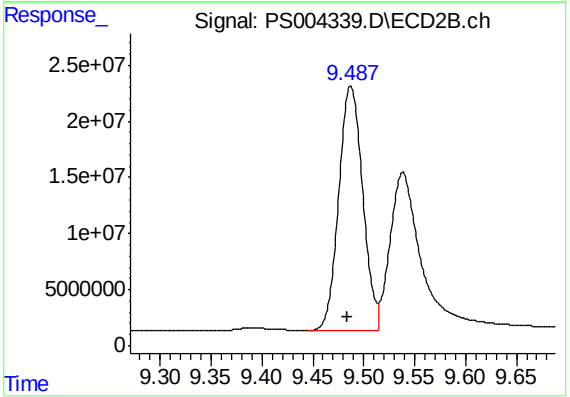

#15 Picloram

R.T.: 9.539 min
Delta R.T.: 0.013 min
Response: 336120022
Conc: 91.90 ng/ml




#16 DCPA

R.T.: 10.040 min
Delta R.T.: 0.006 min
Response: 456369760
Conc: 104.45 ng/ml




#16 DCPA

R.T.: 9.487 min
Delta R.T.: 0.004 min
Response: 354768476
Conc: 107.85 ng/ml