

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042219\  
 Data File : PS004180.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2019 11:39  
 Operator : EI\SJ  
 Sample : MDL-HERB-SOIL-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 MDL-HERB-SOIL-04

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 03:33:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS041119.M  
 Quant Title : 8080.M  
 QLast Update : Thu Apr 11 14:18:42 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     | 11.208 | 10.711 | 281.7E6  | 226.9E6  | 580.585 | 494.078   |
| Target Compounds            |              |        |        |          |          |         |           |
| 1) T                        | Dalapon      | 2.829  | 2.312  | 63620869 | 65178984 | 92.865  | 103.713   |
| 2) T                        | 3,5-DICHL... | 9.663  | 8.887  | 76568396 | 45677777 | 106.995 | 79.909 #  |
| 3) T                        | 4-Nitroph... | 0.000  | 9.923  | 0        | 20301190 | N.D.    | 84.656    |
| 5) T                        | DICAMBA      | 11.508 | 10.987 | 228.8E6  | 127.3E6  | 116.627 | 77.319 #  |
| 6) T                        | MCPD         | 11.839 | 11.210 | 10592760 | 9112953  | 8.114   | 8.737     |
| 7) T                        | MCPA         | 12.089 | 11.585 | 23248809 | 18080375 | 11.269  | 9.937     |
| 8) T                        | DICHLORPROP  | 12.711 | 12.120 | 70498094 | 45620618 | 145.627 | 107.465 # |
| 9) T                        | 2,4-D        | 13.130 | 12.610 | 84133624 | 56841984 | 184.775 | 111.082 # |
| 10) T                       | Pentachlo... | 13.416 | 13.113 | 801.8E6  | 581.3E6  | 110.549 | 93.607    |
| 11) T                       | 2,4,5-TP ... | 14.305 | 13.749 | 297.0E6  | 262.5E6  | 109.695 | 108.991   |
| 12) T                       | 2,4,5-T      | 14.737 | 14.324 | 349.5E6  | 274.0E6  | 118.707 | 118.771   |
| 13) T                       | 2,4-DB       | 15.498 | 14.978 | 45506158 | 27950645 | 146.125 | 90.724 #  |
| 14) T                       | DINOSEB      | 16.901 | 15.379 | 331.2E6  | 124.5E6  | 132.212 | 66.640 #  |
| 15) T                       | Picloram     | 16.746 | 16.631 | 183.4E6  | 197.6E6  | 51.138  | 57.720    |
| 16) T                       | DCPA         | 17.247 | 16.552 | 433.8E6  | 309.5E6  | 120.506 | 97.386    |
| -----                       |              |        |        |          |          |         |           |

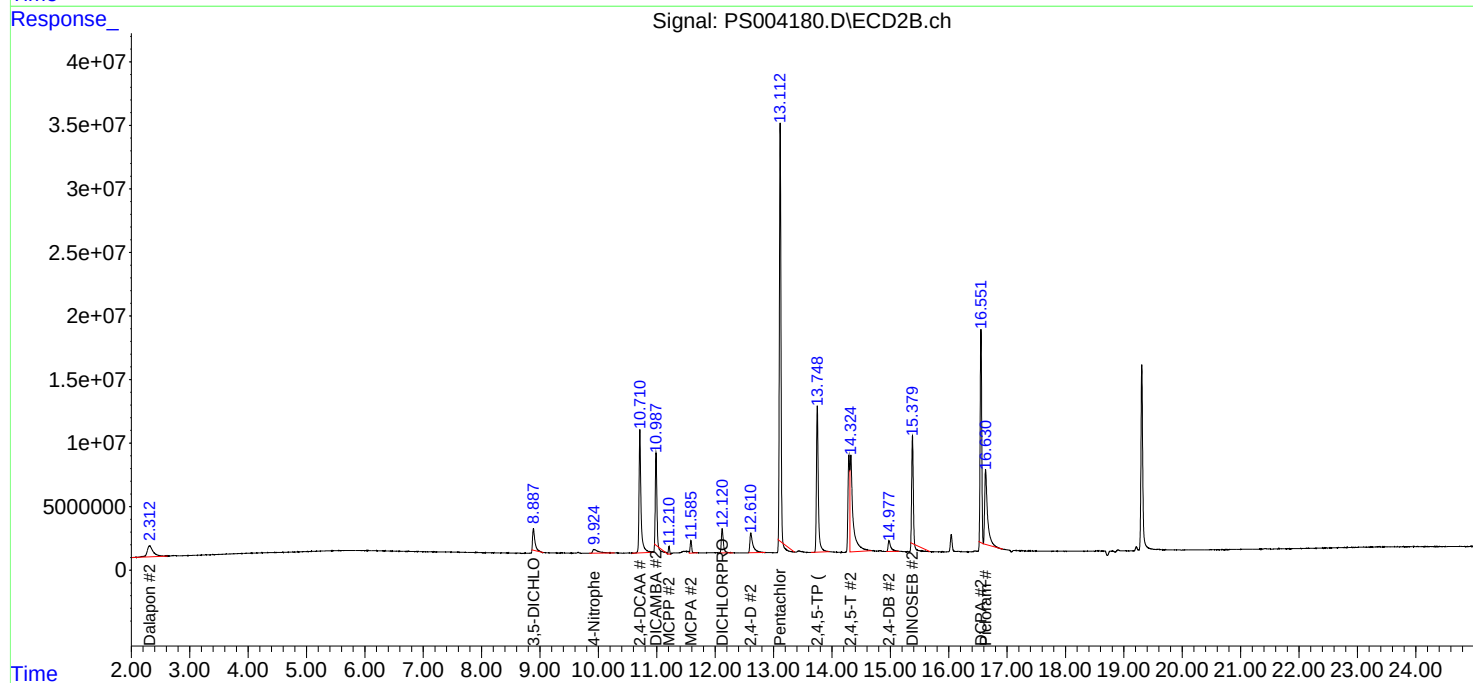
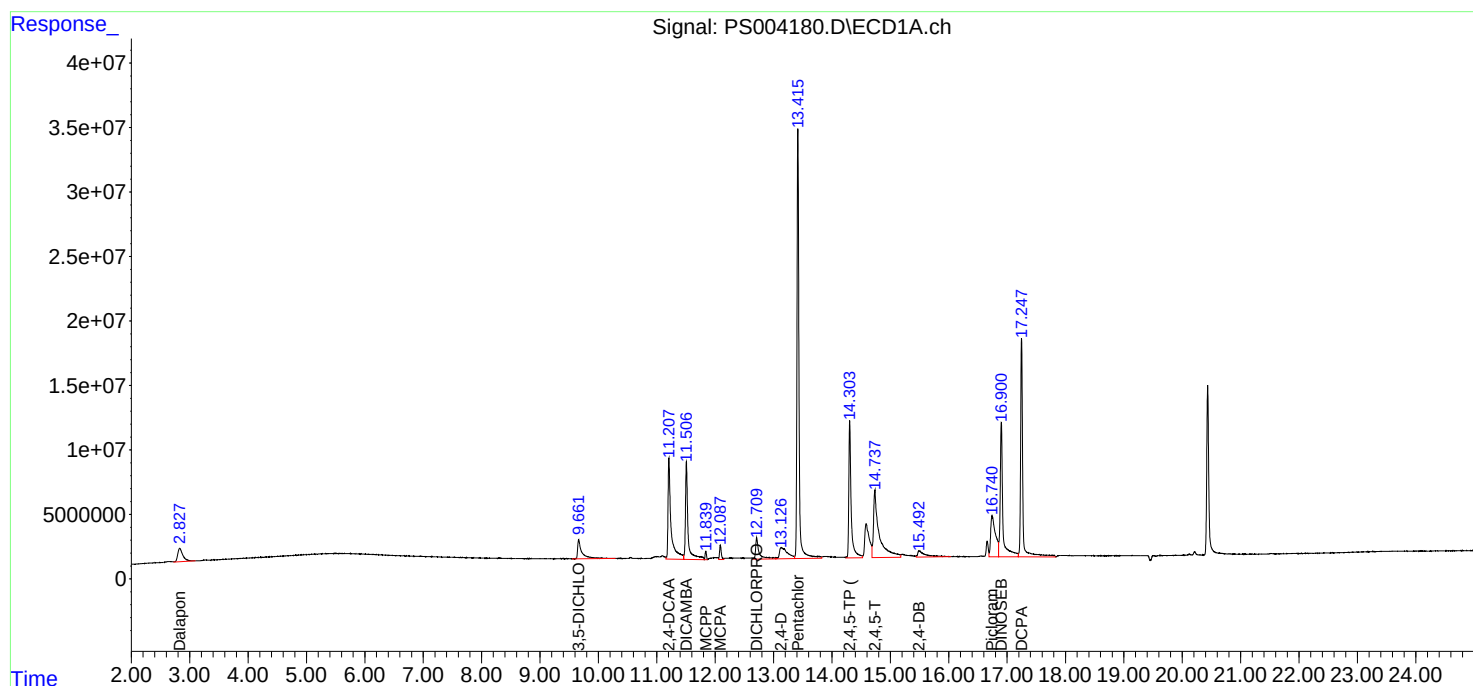
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

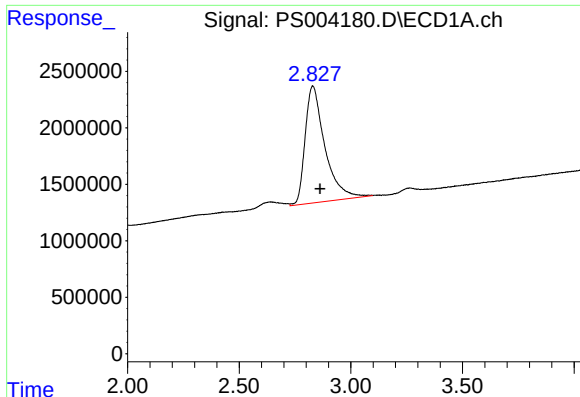
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS042219\  
Data File : PS004180.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2019 11:39  
Operator : EI\SJ  
Sample : MDL-HERB-SOIL-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 03:33:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS041119.M  
Quant Title : 8080.M  
QLast Update : Thu Apr 11 14:18:42 2019  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

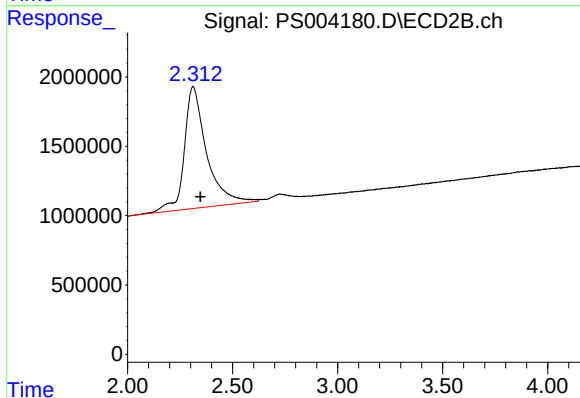




#1 Dalapon

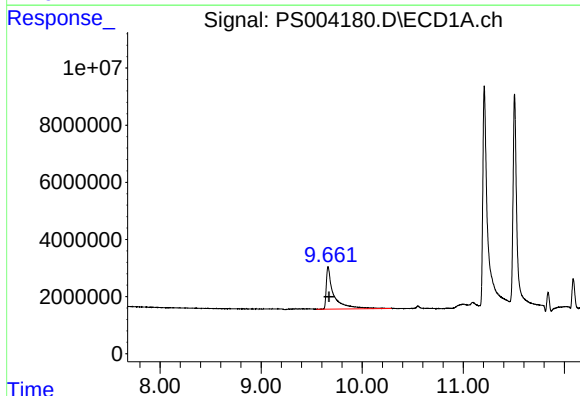
R.T.: 2.829 min  
Delta R.T.: -0.033 min  
Response: 63620869  
Conc: 92.86 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



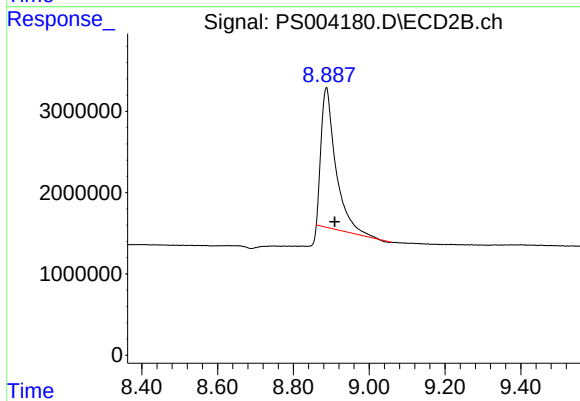
#1 Dalapon

R.T.: 2.312 min  
Delta R.T.: -0.035 min  
Response: 65178984  
Conc: 103.71 ng/ml



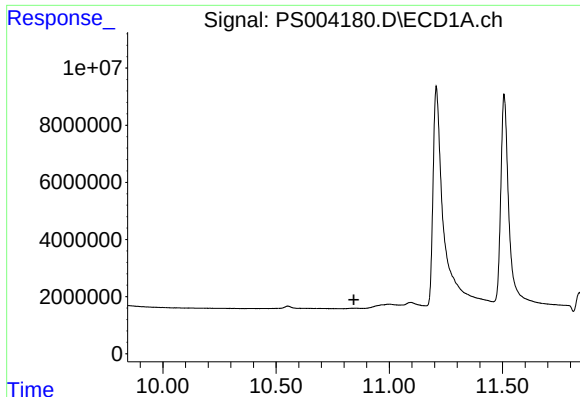
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.663 min  
Delta R.T.: -0.010 min  
Response: 76568396  
Conc: 106.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

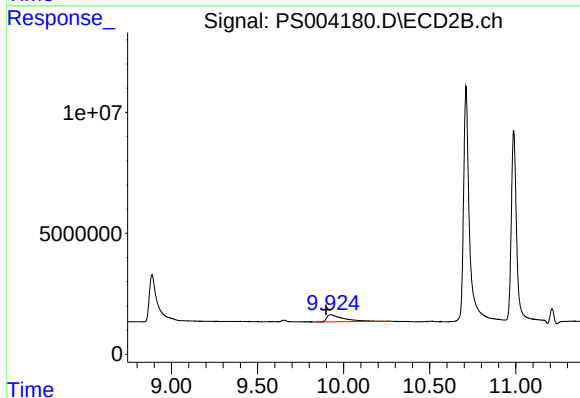
R.T.: 8.887 min  
Delta R.T.: -0.023 min  
Response: 45677777  
Conc: 79.91 ng/ml



#3 4-Nitrophenol

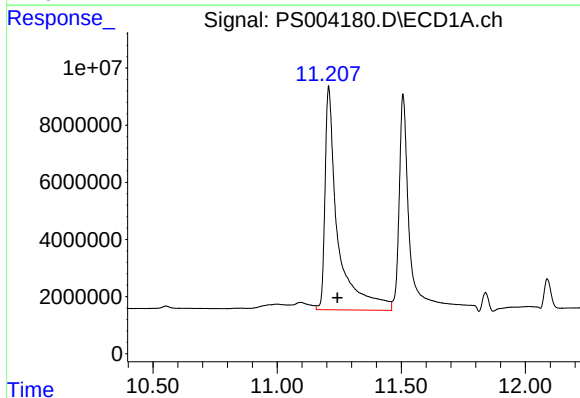
R.T.: 0.000 min  
Exp R.T.: 10.843 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



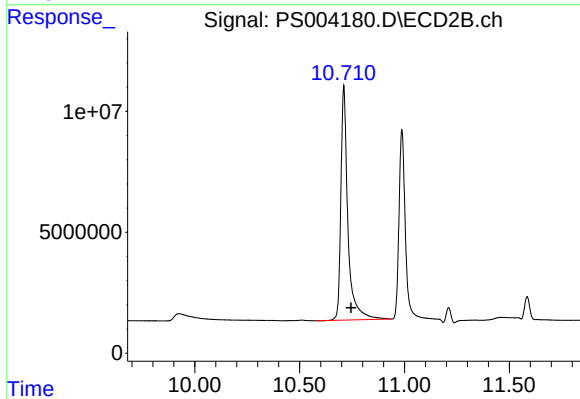
#3 4-Nitrophenol

R.T.: 9.923 min  
Delta R.T.: 0.024 min  
Response: 20301190  
Conc: 84.66 ng/ml



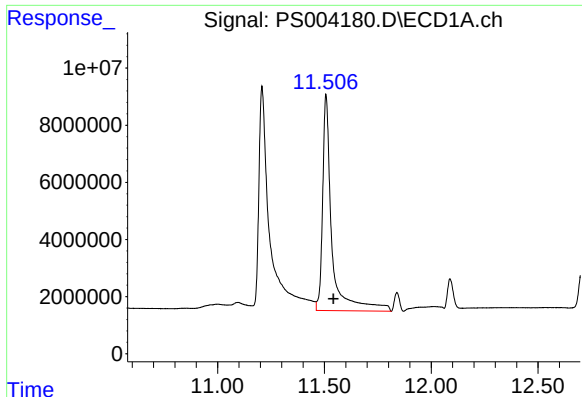
#4 2,4-DCAA

R.T.: 11.208 min  
Delta R.T.: -0.035 min  
Response: 281708349  
Conc: 580.58 ng/ml



#4 2,4-DCAA

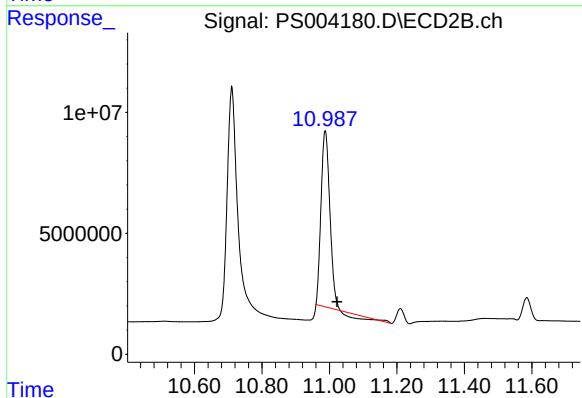
R.T.: 10.711 min  
Delta R.T.: -0.035 min  
Response: 226901375  
Conc: 494.08 ng/ml



#5 DICAMBA

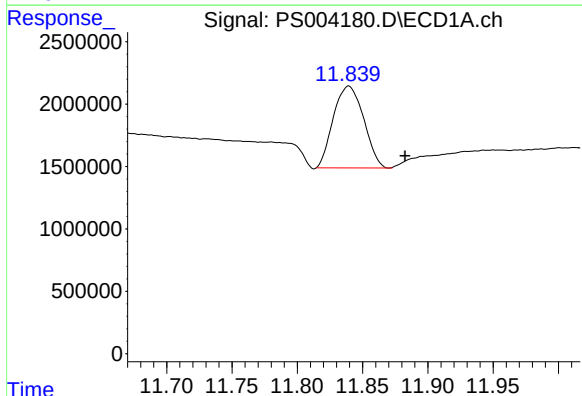
R.T.: 11.508 min  
Delta R.T.: -0.034 min  
Response: 228771649  
Conc: 116.63 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



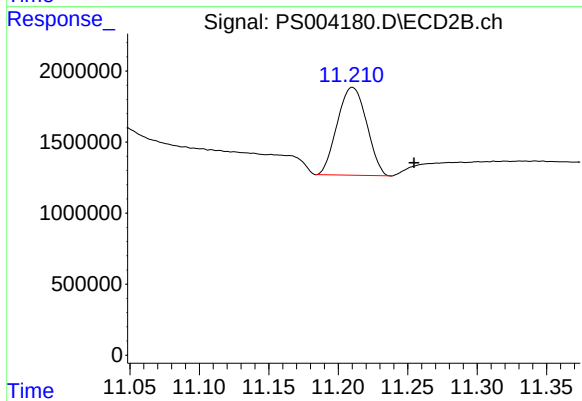
#5 DICAMBA

R.T.: 10.987 min  
Delta R.T.: -0.035 min  
Response: 127302001  
Conc: 77.32 ng/ml



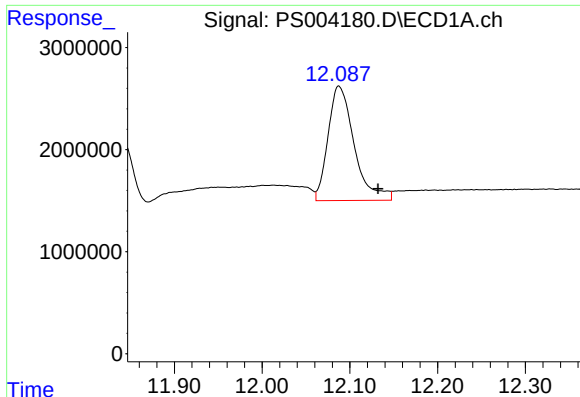
#6 MCPP

R.T.: 11.839 min  
Delta R.T.: -0.043 min  
Response: 10592760  
Conc: 8.11 ug/ml



#6 MCPP

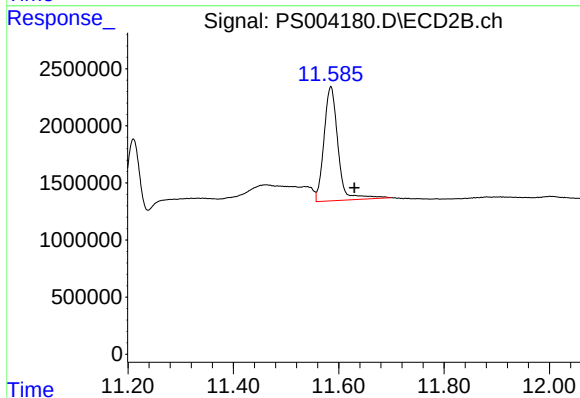
R.T.: 11.210 min  
Delta R.T.: -0.044 min  
Response: 9112953  
Conc: 8.74 ug/ml



#7 MCPA

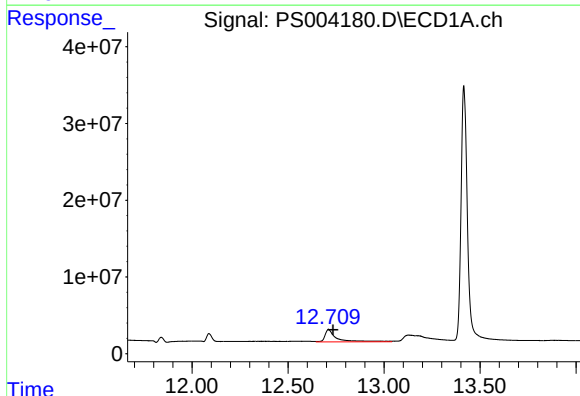
R.T.: 12.089 min  
Delta R.T.: -0.043 min  
Response: 23248809  
Conc: 11.27 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



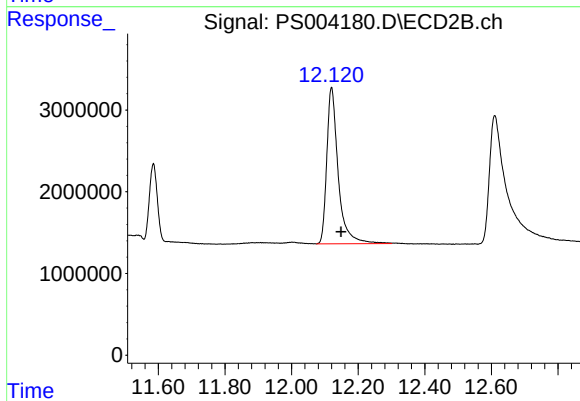
#7 MCPA

R.T.: 11.585 min  
Delta R.T.: -0.045 min  
Response: 18080375  
Conc: 9.94 ug/ml



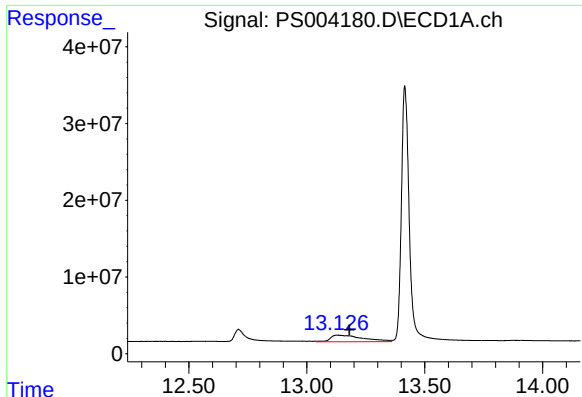
#8 DICHLORPROP

R.T.: 12.711 min  
Delta R.T.: -0.023 min  
Response: 70498094  
Conc: 145.63 ng/ml



#8 DICHLORPROP

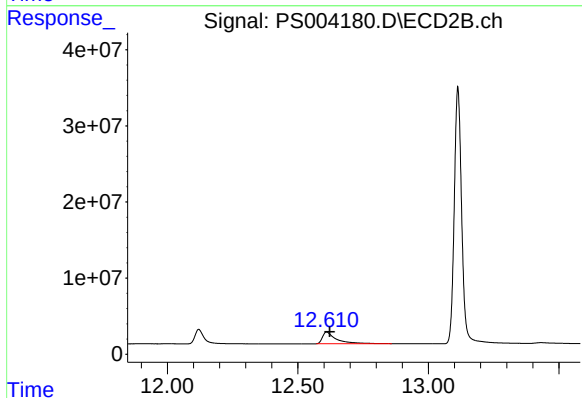
R.T.: 12.120 min  
Delta R.T.: -0.029 min  
Response: 45620618  
Conc: 107.46 ng/ml



#9 2,4-D

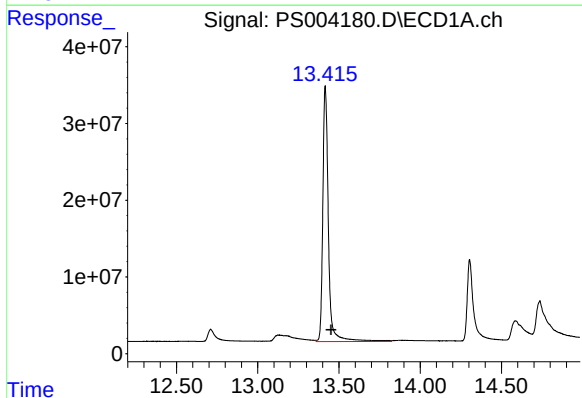
R.T.: 13.130 min  
Delta R.T.: -0.050 min  
Response: 84133624  
Conc: 184.78 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



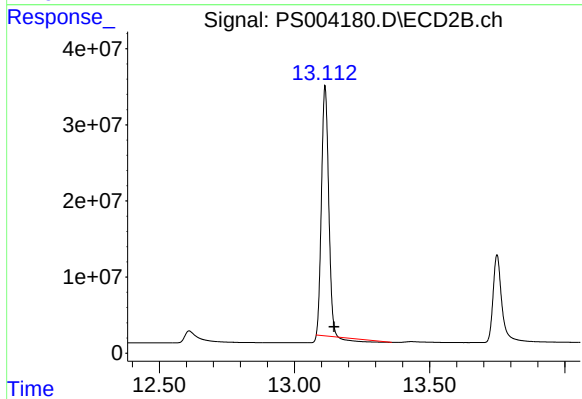
#9 2,4-D

R.T.: 12.610 min  
Delta R.T.: -0.013 min  
Response: 56841984  
Conc: 111.08 ng/ml



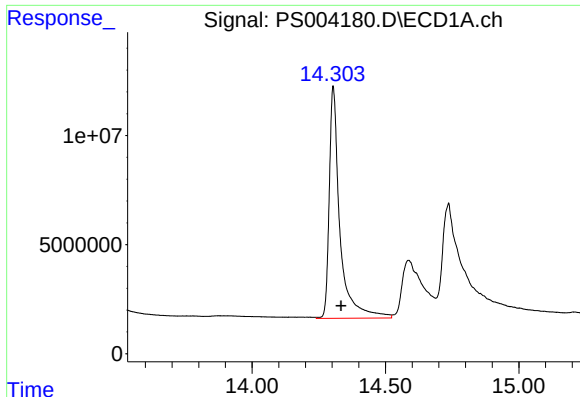
#10 Pentachlorophenol

R.T.: 13.416 min  
Delta R.T.: -0.036 min  
Response: 801812364  
Conc: 110.55 ng/ml



#10 Pentachlorophenol

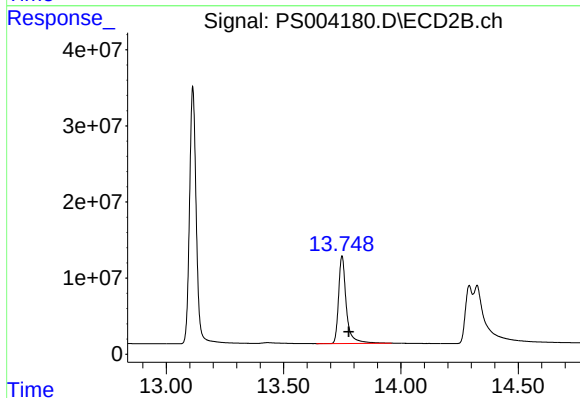
R.T.: 13.113 min  
Delta R.T.: -0.034 min  
Response: 581340750  
Conc: 93.61 ng/ml



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

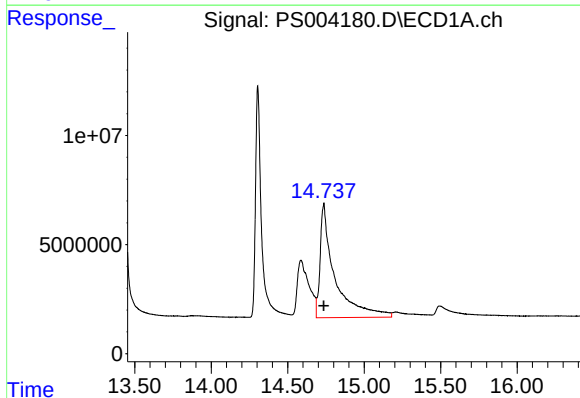
R.T.: 14.305 min  
Delta R.T.: -0.029 min  
Response: 296974520  
Conc: 109.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



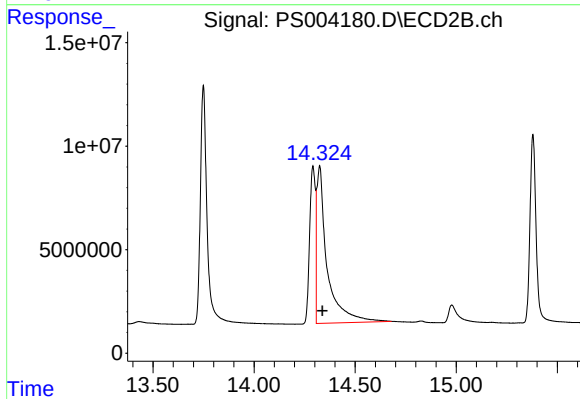
#11 2,4,5-TP (SILVEX)

R.T.: 13.749 min  
Delta R.T.: -0.029 min  
Response: 262450034  
Conc: 108.99 ng/ml



#12 2,4,5-T

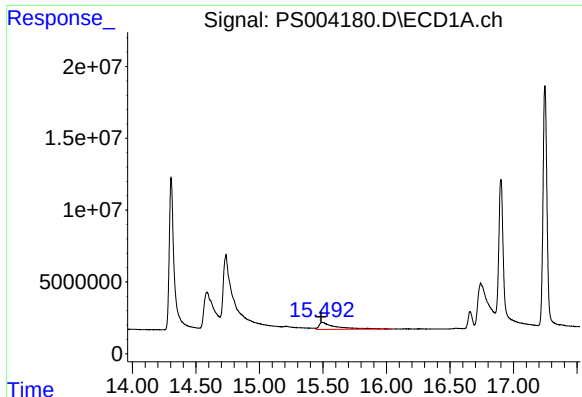
R.T.: 14.737 min  
Delta R.T.: 0.000 min  
Response: 349512174  
Conc: 118.71 ng/ml



#12 2,4,5-T

R.T.: 14.324 min  
Delta R.T.: -0.014 min  
Response: 273969347  
Conc: 118.77 ng/ml

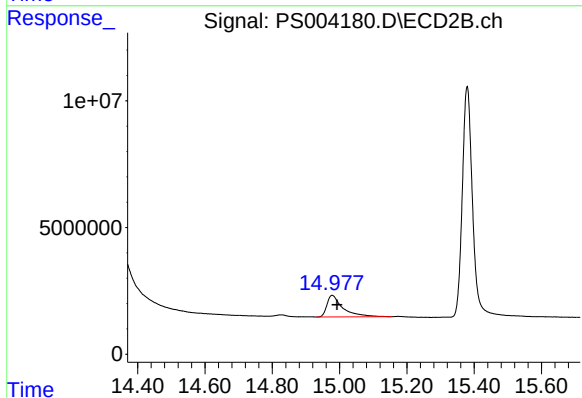




#13 2,4-DB

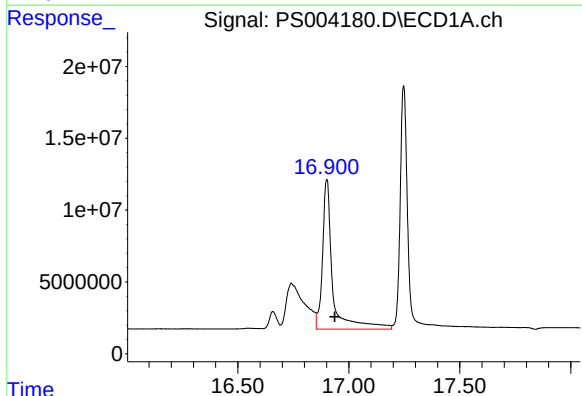
R.T.: 15.498 min  
Delta R.T.: 0.014 min  
Response: 45506158  
Conc: 146.13 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-HERB-SOIL-04



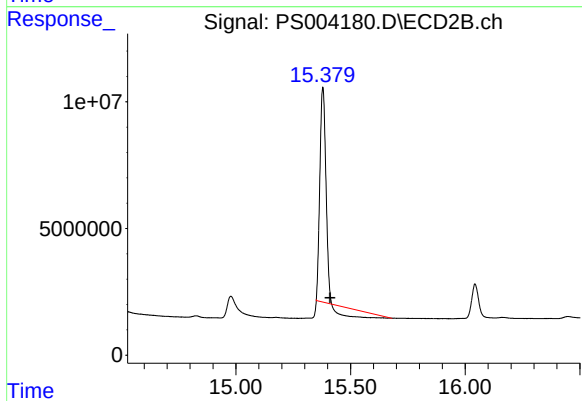
#13 2,4-DB

R.T.: 14.978 min  
Delta R.T.: -0.015 min  
Response: 27950645  
Conc: 90.72 ng/ml



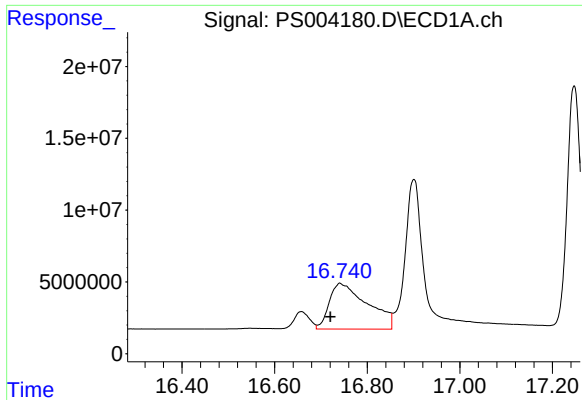
#14 DINOSEB

R.T.: 16.901 min  
Delta R.T.: -0.036 min  
Response: 331241089  
Conc: 132.21 ng/ml



#14 DINOSEB

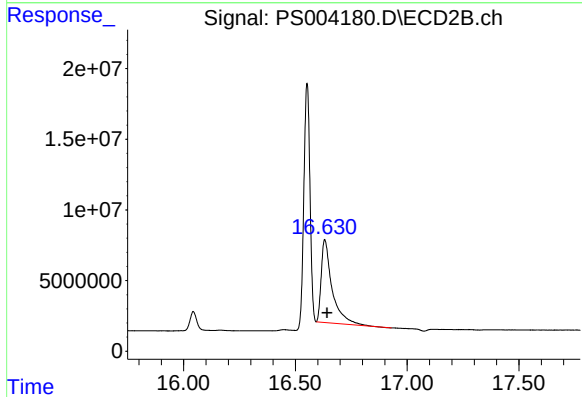
R.T.: 15.379 min  
Delta R.T.: -0.032 min  
Response: 124547014  
Conc: 66.64 ng/ml



#15 Picloram

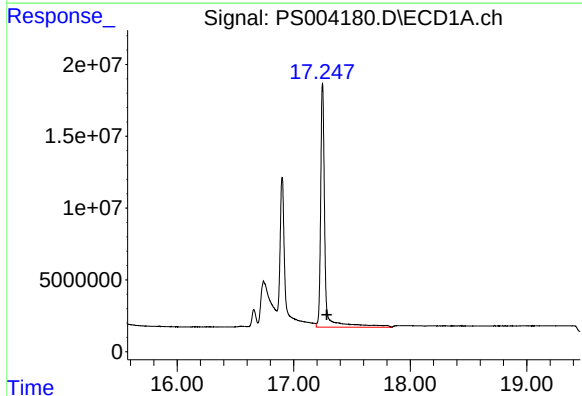
R.T.: 16.746 min  
Delta R.T.: 0.025 min  
Response: 183389411  
Conc: 51.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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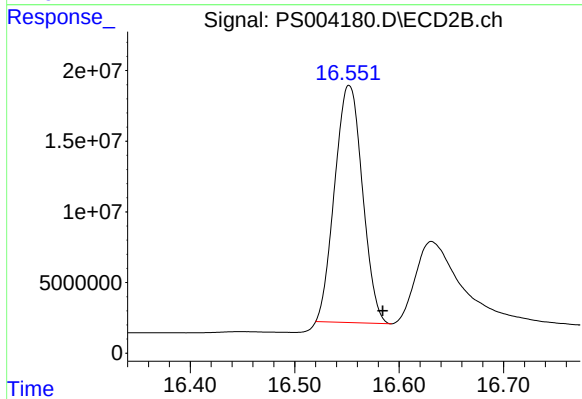
#15 Picloram

R.T.: 16.631 min  
Delta R.T.: -0.011 min  
Response: 197601584  
Conc: 57.72 ng/ml



#16 DCPA

R.T.: 17.247 min  
Delta R.T.: -0.036 min  
Response: 433793112  
Conc: 120.51 ng/ml



#16 DCPA

R.T.: 16.552 min  
Delta R.T.: -0.032 min  
Response: 309533261  
Conc: 97.39 ng/ml