

Data Path : P:\HPCHEM1\ECD\_E\Data\PE101017\  
 Data File : PE017093.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Oct 2017 23:52  
 Operator : UA/AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_E  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 03:59:07 2017  
 Quant Method : P:\HPCHEM1\ECD\_E\Method\PE100417.M  
 Quant Title : 8080.M  
 QLast Update : Thu Oct 05 09:47:18 2017  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-35-HT Inferno Signal #2 Phase: ZB-XLB-HT Inferno  
 Signal #1 Info : 30M x 0.25mm x 0.2 Signal #2 Info : 30M x 0.25mm x 0.25µm

|                             | Compound     | RT#1   | RT#2   | Resp#1  | Resp#2  | ng/ml    | ng/ml    |
|-----------------------------|--------------|--------|--------|---------|---------|----------|----------|
| -----                       |              |        |        |         |         |          |          |
| System Monitoring Compounds |              |        |        |         |         |          |          |
| 4) S                        | 2,4-DCAA     | 9.939  | 10.523 | 83107   | 131670  | 815.197m | 845.019m |
| Target Compounds            |              |        |        |         |         |          |          |
| 1) T                        | Dalapon      | 2.737  | 2.915  | 138519  | 188785  | 539.682  | 593.392  |
| 2) T                        | 3,5-DICHL... | 8.657  | 8.892  | 123881  | 204758  | 744.467  | 753.455  |
| 3) T                        | 4-Nitroph... | 9.002  | 9.750  | 87563   | 137185  | 852.176  | 788.848  |
| 5) T                        | DICAMBA      | 10.044 | 10.676 | 348598  | 520882  | 773.968m | 798.536m |
| 8) T                        | DICHLORPROP  | 11.086 | 11.639 | 105149  | 177831  | 757.340m | 794.692  |
| 9) T                        | 2,4-D        | 11.442 | 12.197 | 159138  | 243288  | 772.020  | 786.603m |
| 10) T                       | Pentachlo... | 12.448 | 12.849 | 1374773 | 2258904 | 846.037  | 847.714  |
| 11) T                       | 2,4,5-TP ... | 12.578 | 13.057 | 619190  | 1040404 | 768.400  | 804.633  |
| 12) T                       | 2,4,5-T      | 12.996 | 13.691 | 699235  | 1123716 | 775.919  | 768.758  |
| 13) T                       | 2,4-DB       | 13.631 | 14.273 | 79402   | 140178  | 767.293  | 663.892  |
| 14) T                       | DINOSEB      | 13.776 | 14.102 | 521012  | 812737  | 740.365  | 651.623m |
| 15) T                       | Picloram     | 14.582 | 15.912 | 882232  | 1640406 | 738.822m | 753.179m |
| 16) T                       | DCPA         | 14.778 | 15.422 | 758950  | 1471094 | 667.469m | 729.408m |
| -----                       |              |        |        |         |         |          |          |

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

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Acq On : 10 Oct 2017 23:52  
Operator : UA/AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

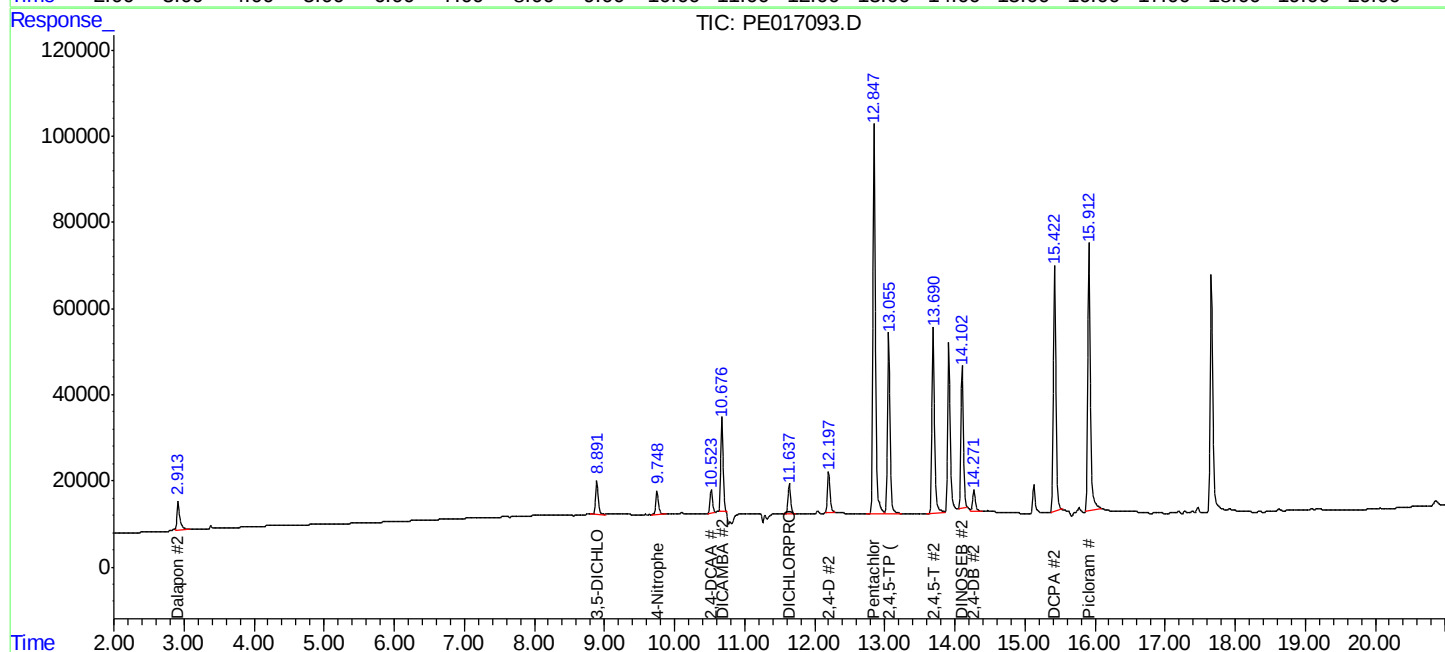
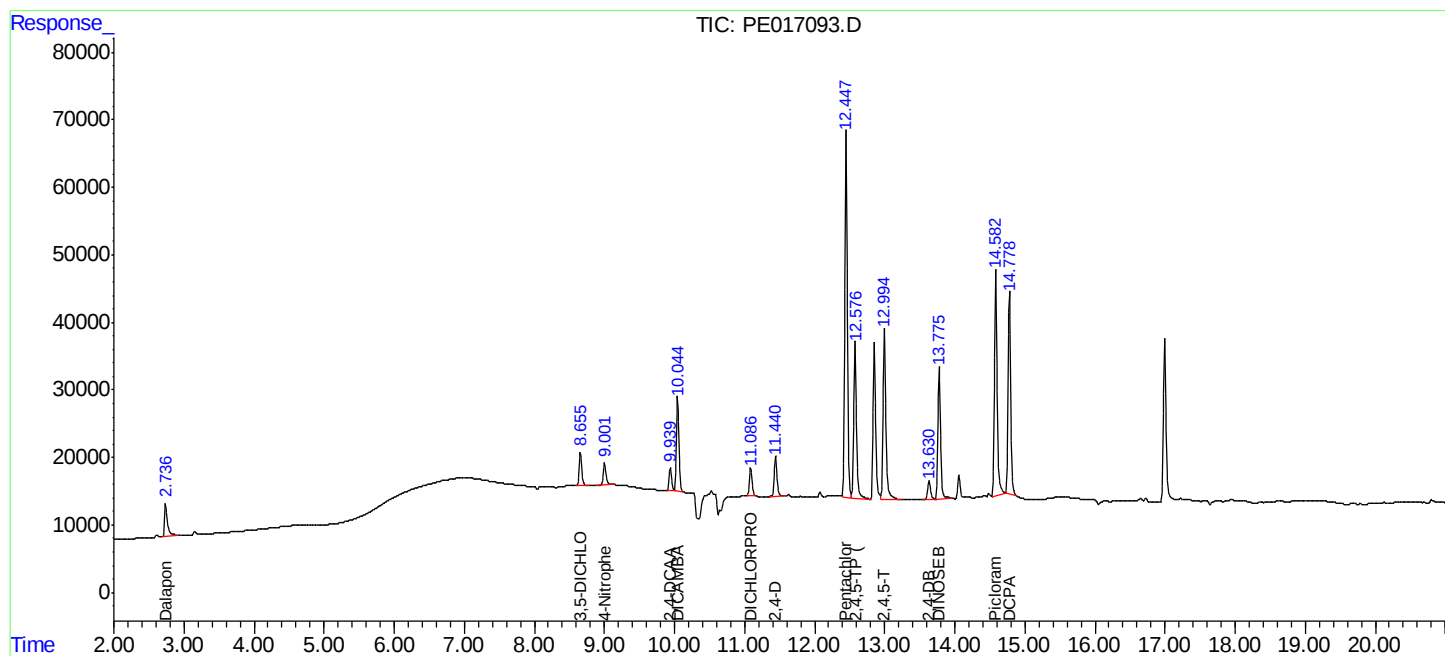
Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

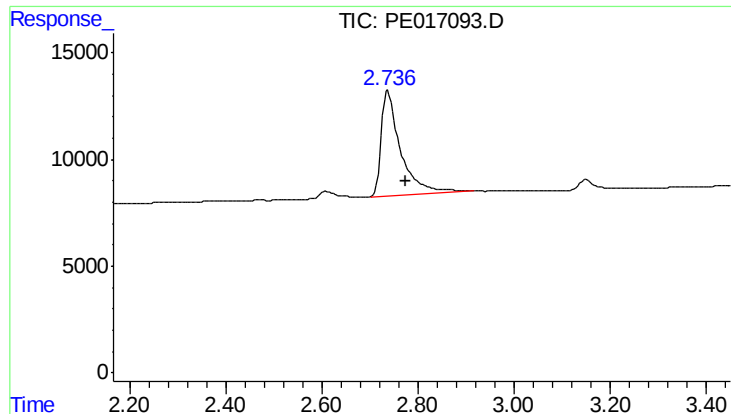
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 03:59:07 2017  
Quant Method : P:\HPCHEM1\ECD\_E\Method\PE100417.M  
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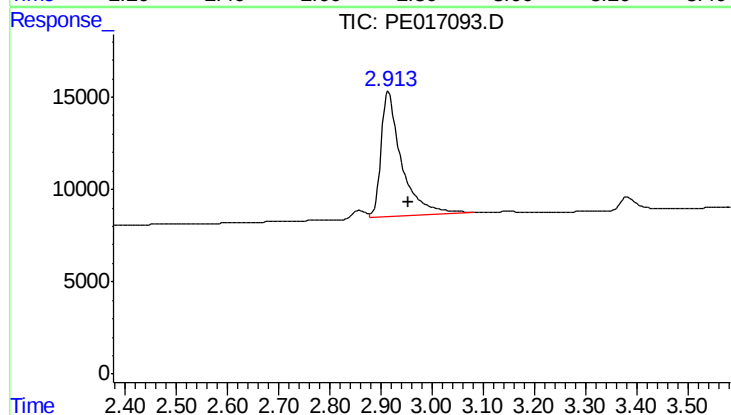
#1 Dalapon

R.T.: 2.737 min  
Delta R.T.: -0.038 min  
Response: 138519  
Conc: 539.68 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

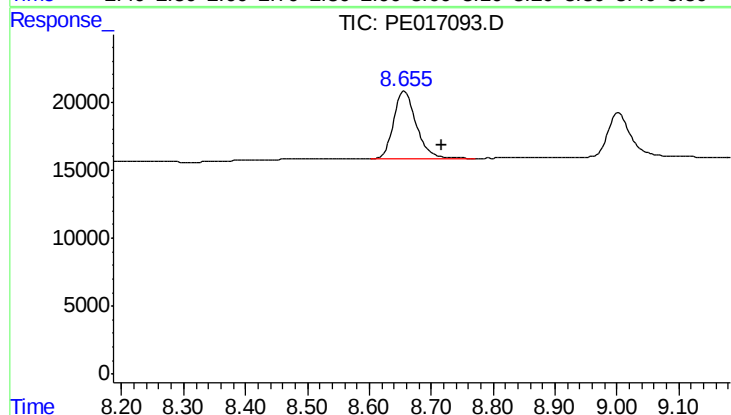
Manual Integrations  
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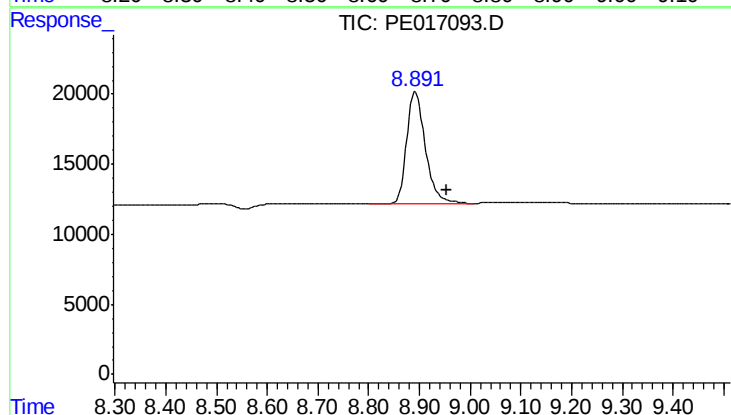
#1 Dalapon

R.T.: 2.915 min  
Delta R.T.: -0.039 min  
Response: 188785  
Conc: 593.39 ng/ml



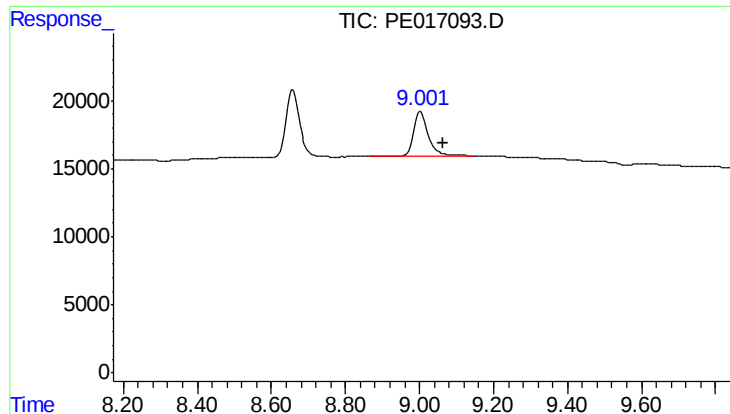
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.657 min  
Delta R.T.: -0.060 min  
Response: 123881  
Conc: 744.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.892 min  
Delta R.T.: -0.062 min  
Response: 204758  
Conc: 753.45 ng/ml



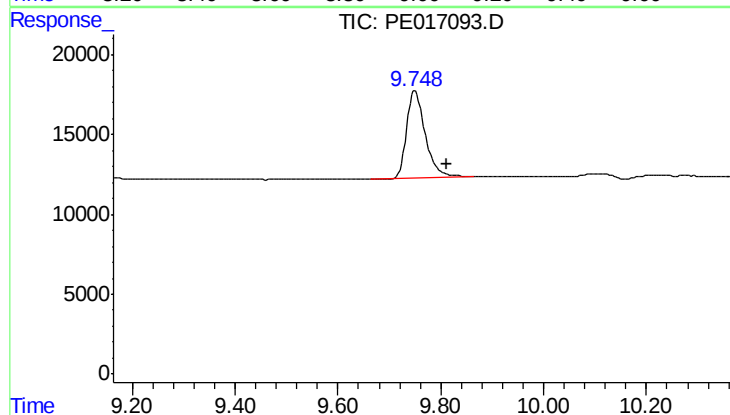
#3 4-Nitrophenol

R.T.: 9.002 min  
Delta R.T.: -0.062 min  
Response: 87563  
Conc: 852.18 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

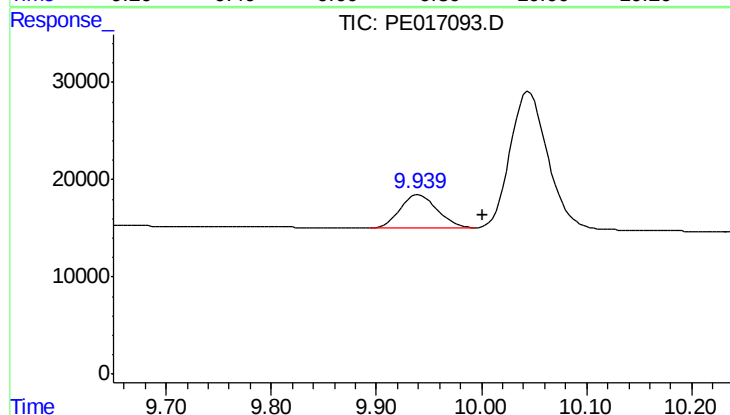
Manual Integrations  
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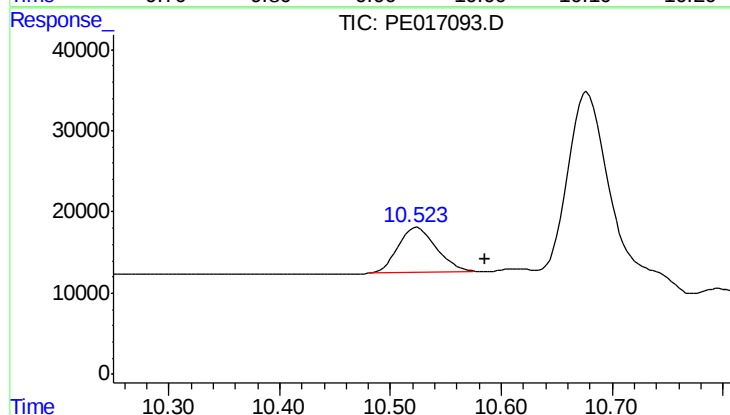
#3 4-Nitrophenol

R.T.: 9.750 min  
Delta R.T.: -0.062 min  
Response: 137185  
Conc: 788.85 ng/ml



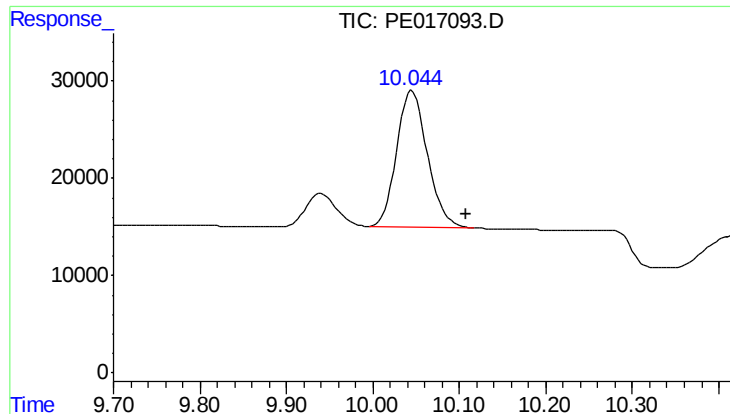
#4 2,4-DCAA

R.T.: 9.939 min  
Delta R.T.: -0.062 min  
Response: 83107  
Conc: 815.20 ng/ml m



#4 2,4-DCAA

R.T.: 10.523 min  
Delta R.T.: -0.063 min  
Response: 131670  
Conc: 845.02 ng/ml m



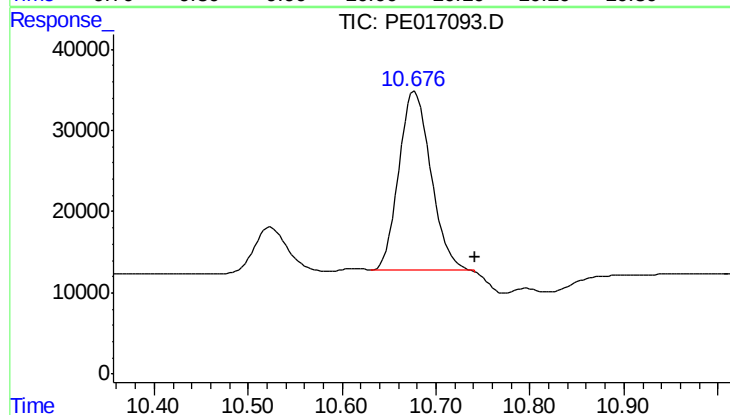
#5 DICAMBA

R.T.: 10.044 min  
Delta R.T.: -0.063 min  
Response: 348598  
Conc: 773.97 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

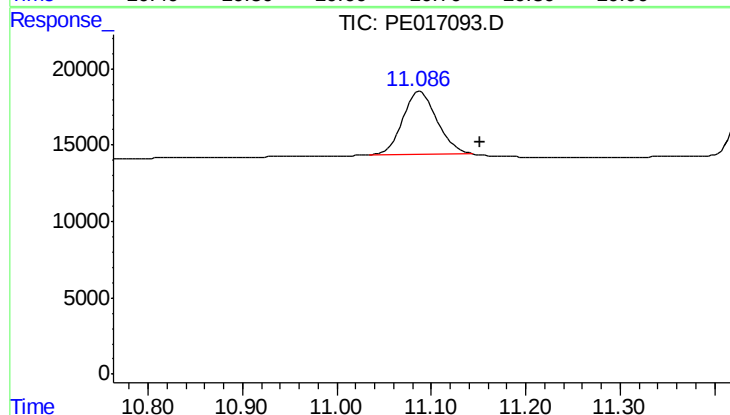
Manual Integrations  
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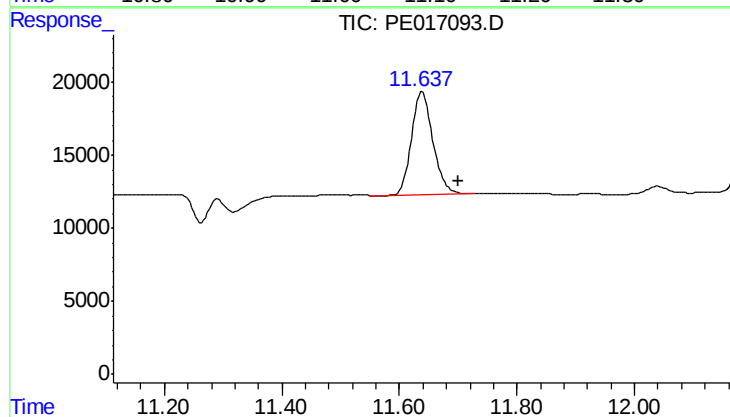
#5 DICAMBA

R.T.: 10.676 min  
Delta R.T.: -0.065 min  
Response: 520882  
Conc: 798.54 ng/ml m



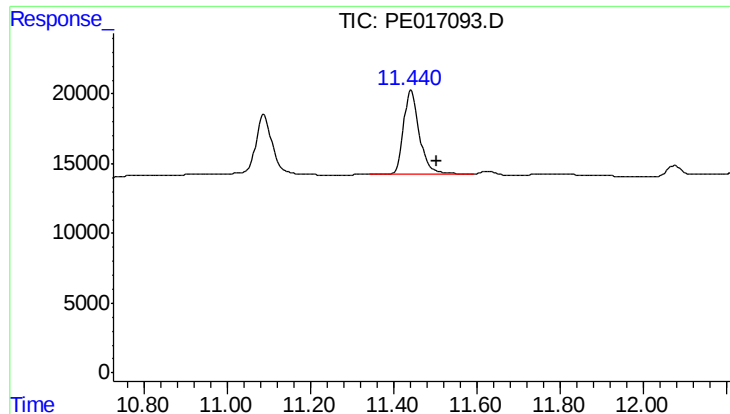
#8 DICHLORPROP

R.T.: 11.086 min  
Delta R.T.: -0.065 min  
Response: 105149  
Conc: 757.34 ng/ml m



#8 DICHLORPROP

R.T.: 11.639 min  
Delta R.T.: -0.062 min  
Response: 177831  
Conc: 794.69 ng/ml



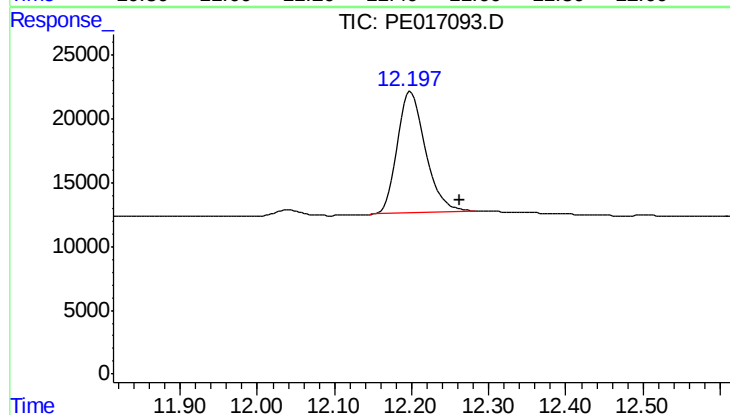
#9 2,4-D

R.T.: 11.442 min  
Delta R.T.: -0.062 min  
Response: 159138  
Conc: 772.02 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

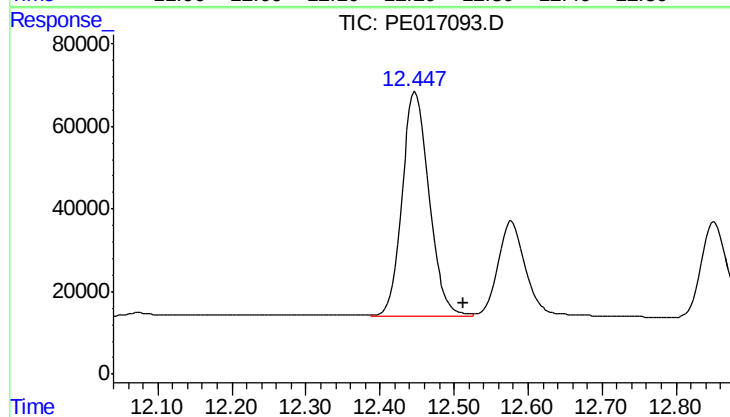
Manual Integrations  
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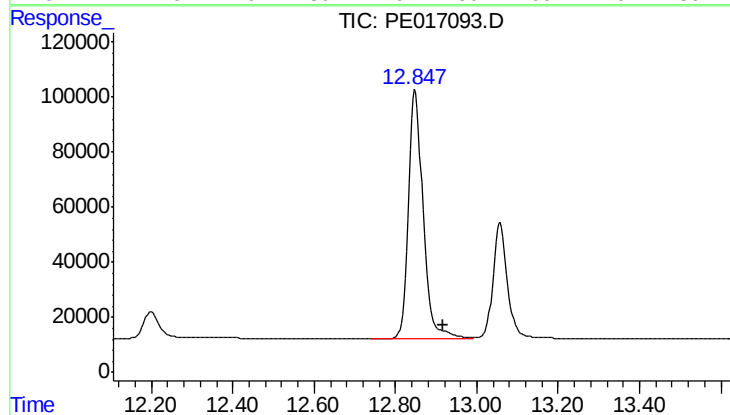
#9 2,4-D

R.T.: 12.197 min  
Delta R.T.: -0.065 min  
Response: 243288  
Conc: 786.60 ng/ml m



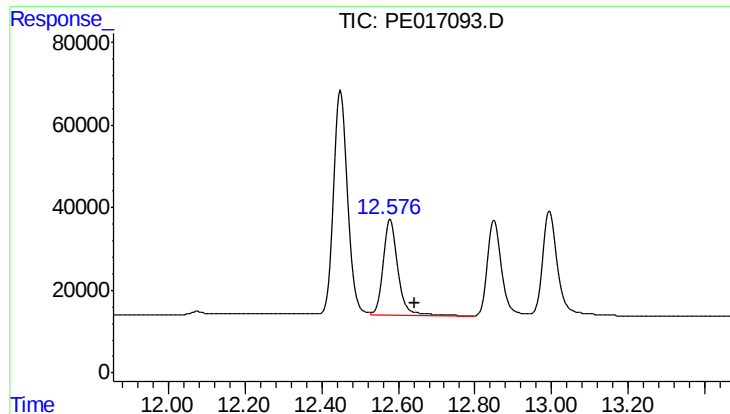
#10 Pentachlorophenol

R.T.: 12.448 min  
Delta R.T.: -0.064 min  
Response: 1374773  
Conc: 846.04 ng/ml



#10 Pentachlorophenol

R.T.: 12.849 min  
Delta R.T.: -0.067 min  
Response: 2258904  
Conc: 847.71 ng/ml



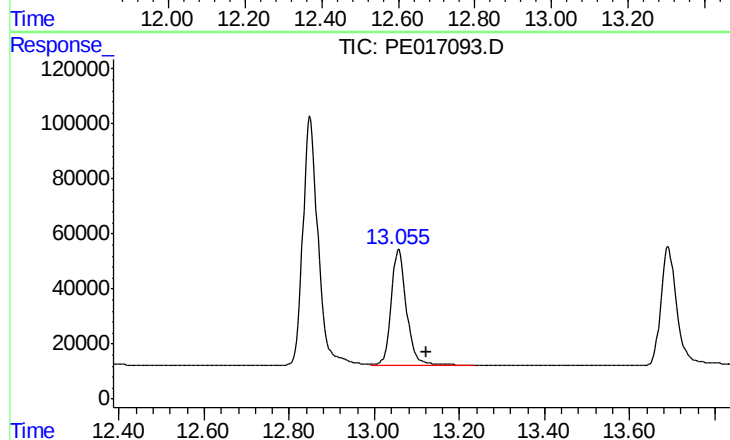
#11 2,4,5-TP (SILVEX)

R.T.: 12.578 min  
Delta R.T.: -0.064 min  
Response: 619190  
Conc: 768.40 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

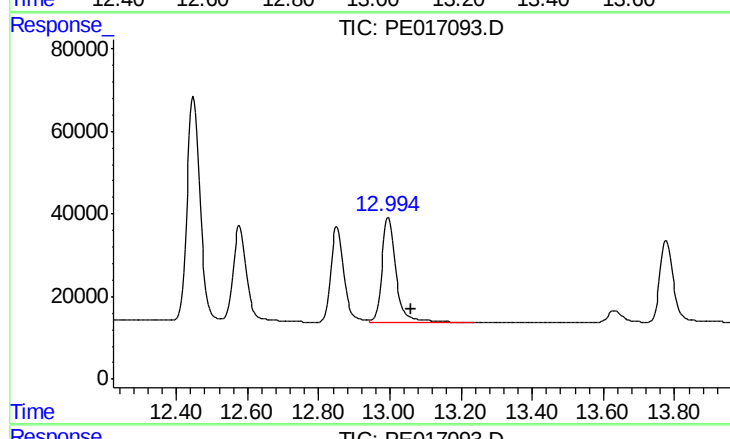
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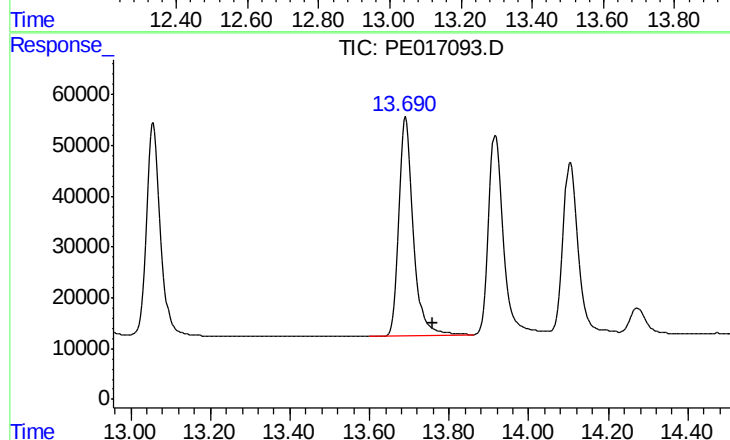
#11 2,4,5-TP (SILVEX)

R.T.: 13.057 min  
Delta R.T.: -0.065 min  
Response: 1040404  
Conc: 804.63 ng/ml



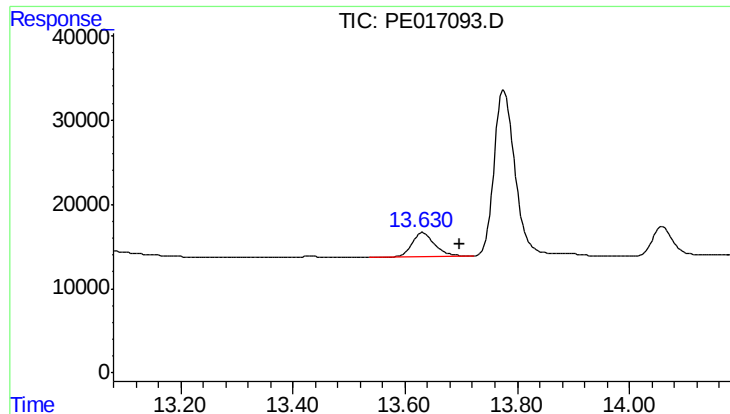
#12 2,4,5-T

R.T.: 12.996 min  
Delta R.T.: -0.065 min  
Response: 699235  
Conc: 775.92 ng/ml



#12 2,4,5-T

R.T.: 13.691 min  
Delta R.T.: -0.067 min  
Response: 1123716  
Conc: 768.76 ng/ml



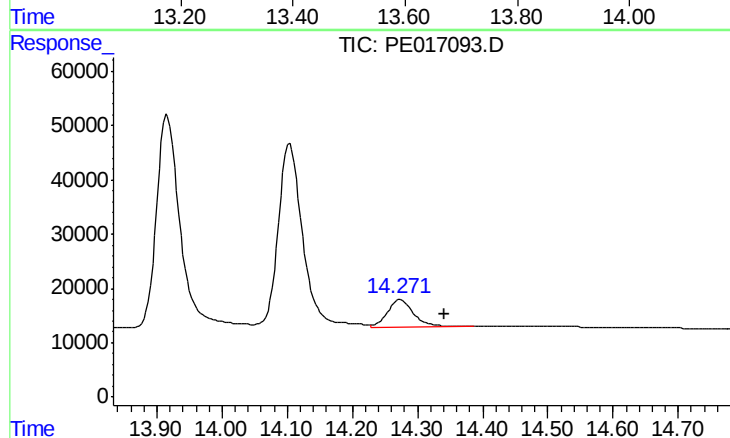
#13 2,4-DB

R.T.: 13.631 min  
Delta R.T.: -0.067 min  
Response: 79402  
Conc: 767.29 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

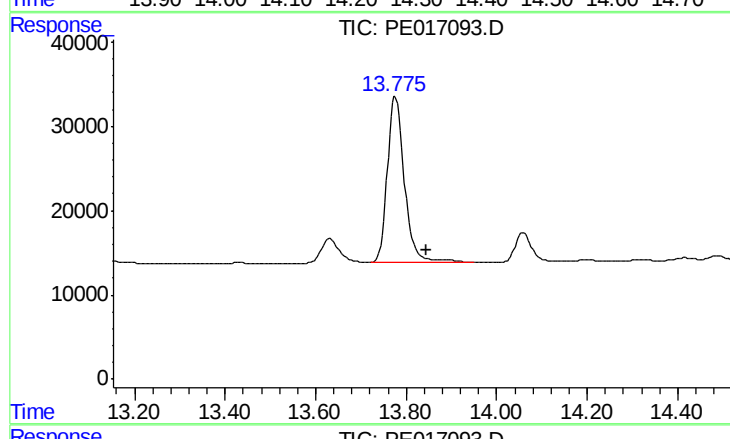
Manual Integrations  
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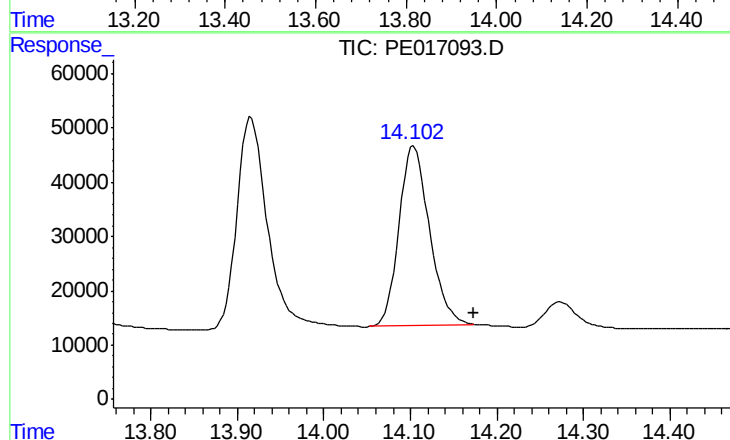
#13 2,4-DB

R.T.: 14.273 min  
Delta R.T.: -0.069 min  
Response: 140178  
Conc: 663.89 ng/ml



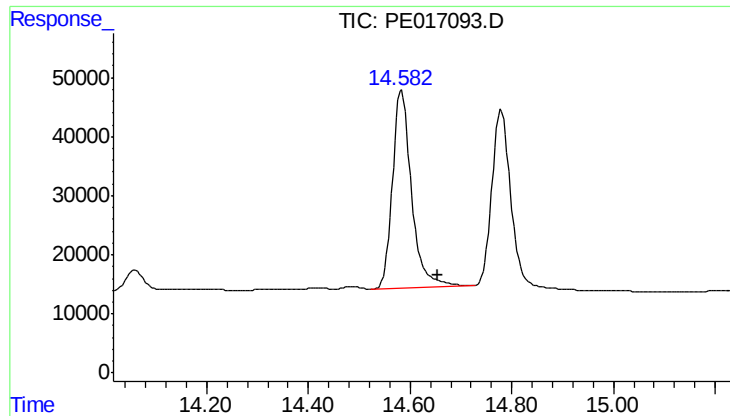
#14 DINOSEB

R.T.: 13.776 min  
Delta R.T.: -0.068 min  
Response: 521012  
Conc: 740.37 ng/ml



#14 DINOSEB

R.T.: 14.102 min  
Delta R.T.: -0.072 min  
Response: 812737  
Conc: 651.62 ng/ml m



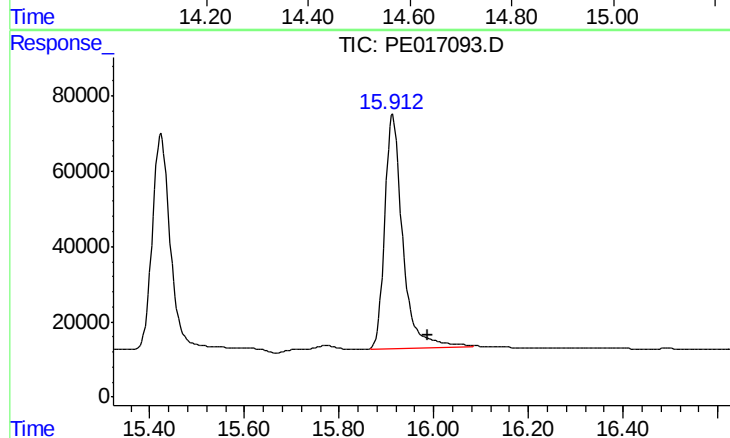
#15 Picloram

R.T.: 14.582 min  
Delta R.T.: -0.072 min  
Response: 882232  
Conc: 738.82 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
HSTDCCC750

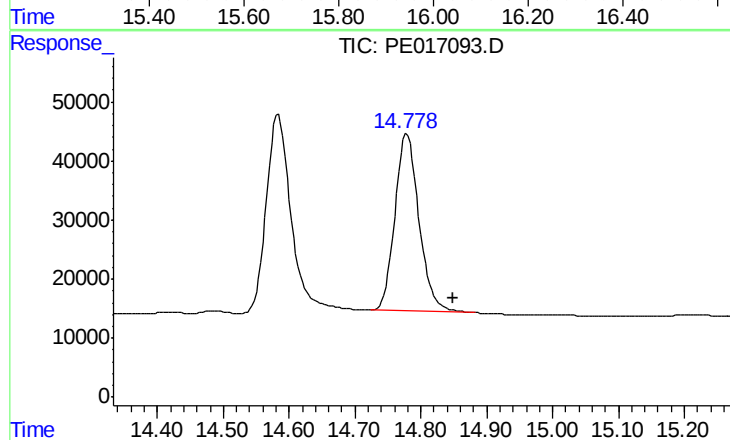
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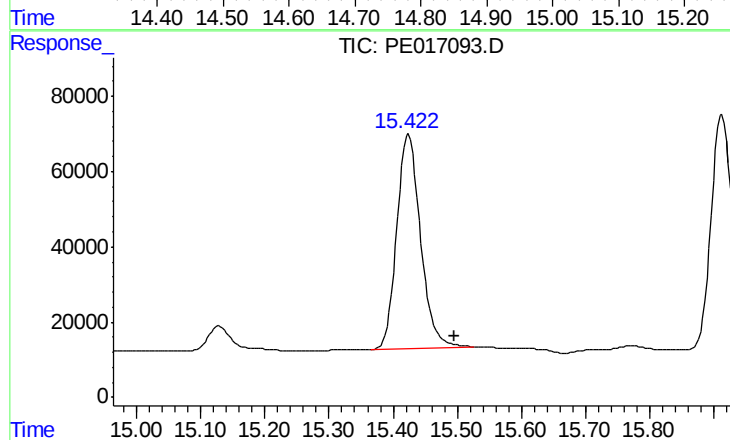
#15 Picloram

R.T.: 15.912 min  
Delta R.T.: -0.076 min  
Response: 1640406  
Conc: 753.18 ng/ml m



#16 DCPA

R.T.: 14.778 min  
Delta R.T.: -0.072 min  
Response: 758950  
Conc: 667.47 ng/ml m



#16 DCPA

R.T.: 15.422 min  
Delta R.T.: -0.074 min  
Response: 1471094  
Conc: 729.41 ng/ml m