

Data Path : P:\HPCHEM1\ECD\_E\Data\PE100117\  
 Data File : PE016834.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 1 Oct 2017 18:52  
 Operator : UA/AJ  
 Sample : PB102540BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_E  
 ClientSampleId :  
 PB102540BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 13:12:18 2017  
 Quant Method : P:\HPCHEM1\ECD\_E\Method\PE100117.M  
 Quant Title : 8080.M  
 QLast Update : Wed Oct 04 12:57:54 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     | 10.067 | 10.651 | 48534  | 81308   | 505.098  | 538.746m |
| Target Compounds            |              |        |        |        |         |          |          |
| 1) T                        | Dalapon      | 2.821  | 3.004  | 104208 | 150111  | 440.672m | 464.269  |
| 2) T                        | 3,5-DICHL... | 8.783  | 9.022  | 75430  | 127334  | 480.599m | 475.430  |
| 3) T                        | 4-Nitroph... | 9.129  | 9.881  | 37180  | 65360   | 453.153m | 443.571  |
| 5) T                        | DICAMBA      | 10.172 | 10.805 | 203839 | 309464  | 474.037m | 477.055m |
| 8) T                        | DICHLORPROP  | 11.212 | 11.765 | 57762  | 100359  | 485.977m | 479.266  |
| 9) T                        | 2,4-D        | 11.569 | 12.325 | 84640  | 130857  | 522.817  | 539.904m |
| 10) T                       | Pentachlo... | 12.582 | 12.983 | 665415 | 1165482 | 465.714  | 502.112m |
| 11) T                       | 2,4,5-TP ... | 12.703 | 13.186 | 323679 | 506157  | 569.518m | 513.871m |
| 12) T                       | 2,4,5-T      | 12.980 | 13.821 | 322624 | 533933  | 501.096m | 493.081m |
| 13) T                       | 2,4-DB       | 13.760 | 14.406 | 46740  | 63418   | 517.822m | 489.506m |
| 14) T                       | DINOSEB      | 13.908 | 14.238 | 261068 | 432968  | 486.210m | 488.776m |
| 15) T                       | Picloram     | 14.718 | 16.055 | 535641 | 971676  | 496.738m | 508.712m |
| 16) T                       | DCPA         | 14.914 | 15.562 | 448852 | 806433  | 521.811m | 486.227m |
| -----                       |              |        |        |        |         |          |          |

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

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Data File : PE016834.D  
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Acq On : 1 Oct 2017 18:52  
Operator : UA/AJ  
Sample : PB102540BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

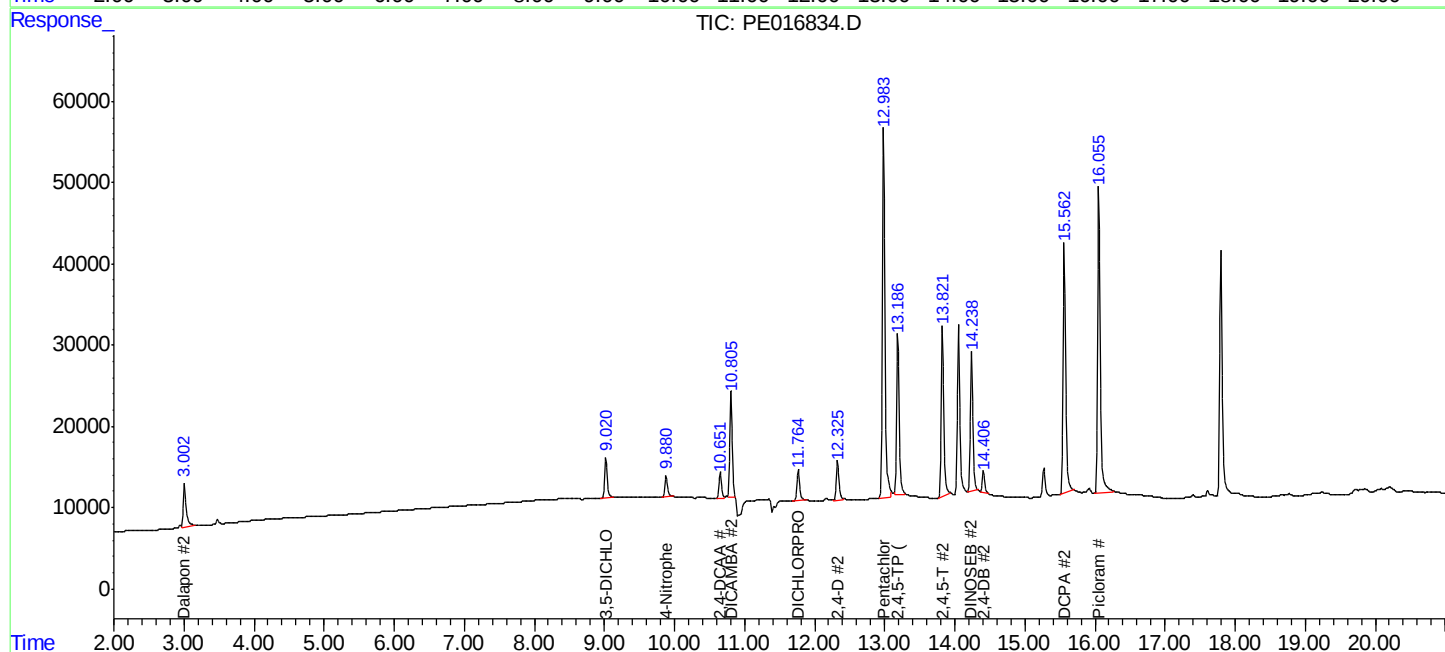
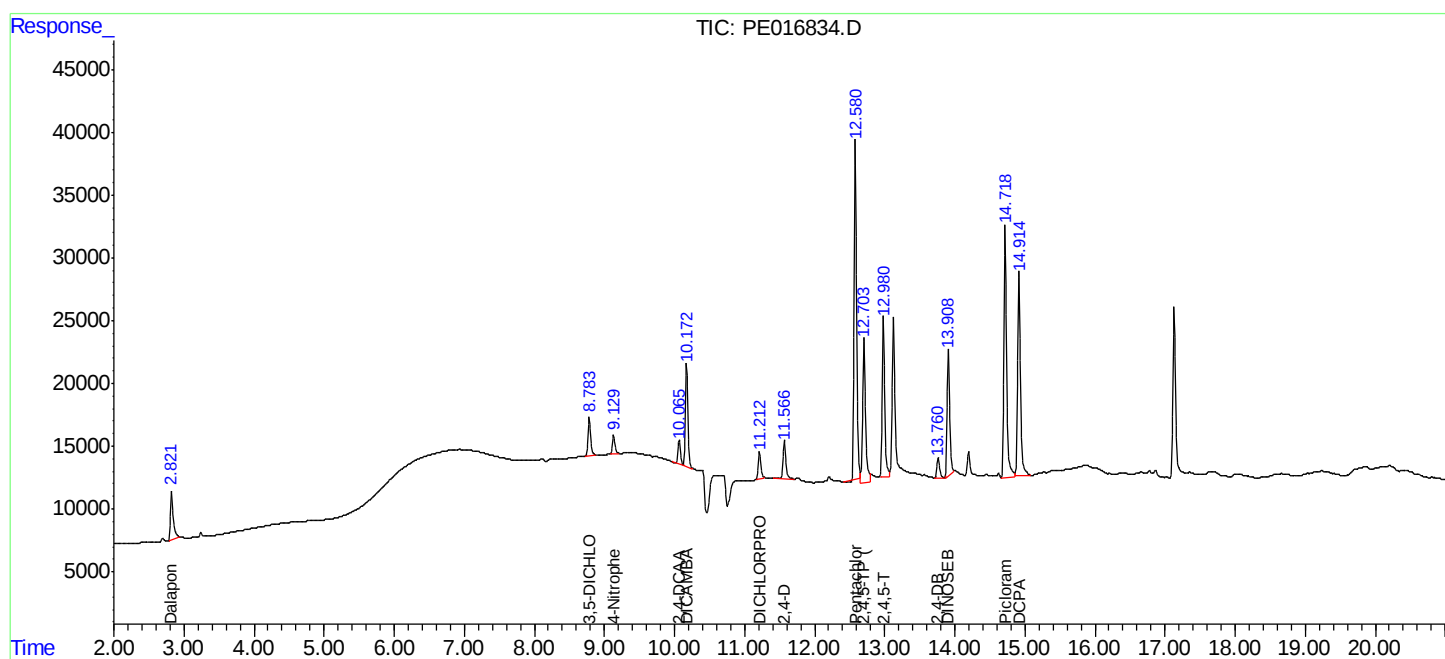
Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

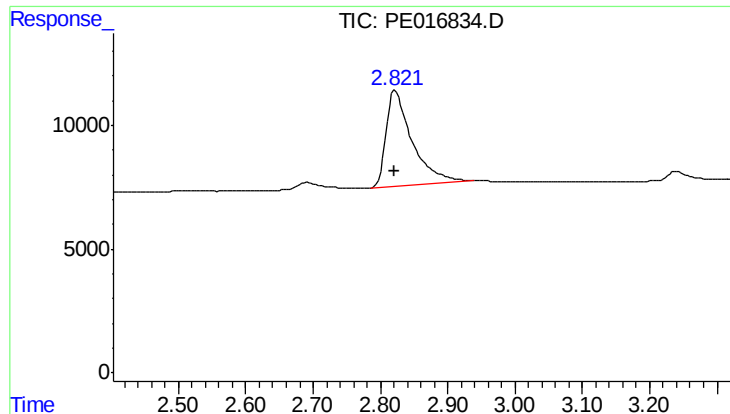
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 13:12:18 2017  
Quant Method : P:\HPCHEM1\ECD\_E\Method\PE100117.M  
Quant Title : 8080.M  
QLast Update : Wed Oct 04 12:57:54 2017  
Response via : 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 x0.2 Signal #2 Info : 30M x 0.25mm x 0.25µm





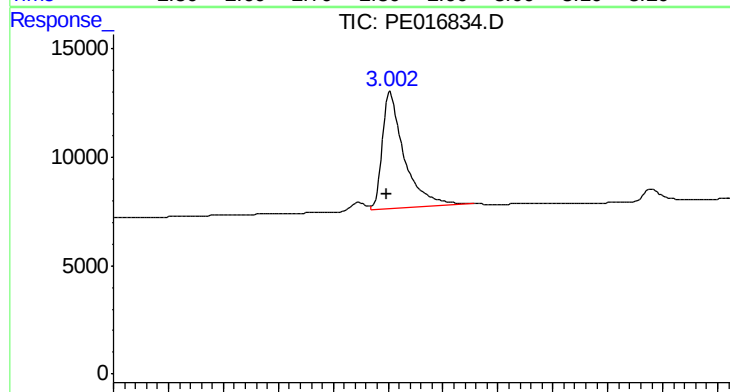
#1 Dalapon

R.T.: 2.821 min  
Delta R.T.: 0.000 min  
Response: 104208  
Conc: 440.67 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

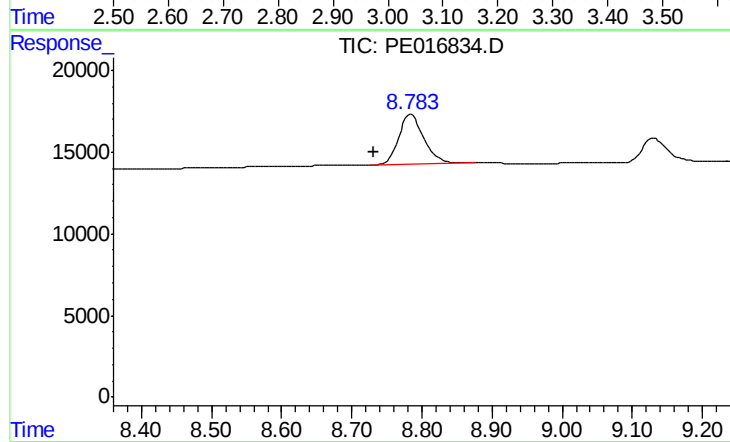
Manual Integrations  
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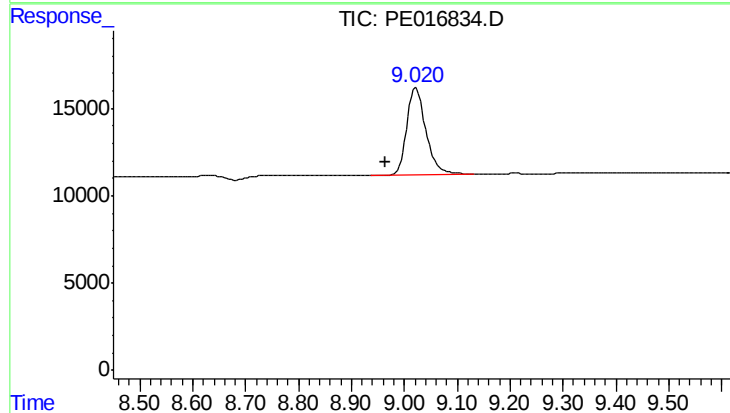
#1 Dalapon

R.T.: 3.004 min  
Delta R.T.: 0.006 min  
Response: 150111  
Conc: 464.27 ng/ml



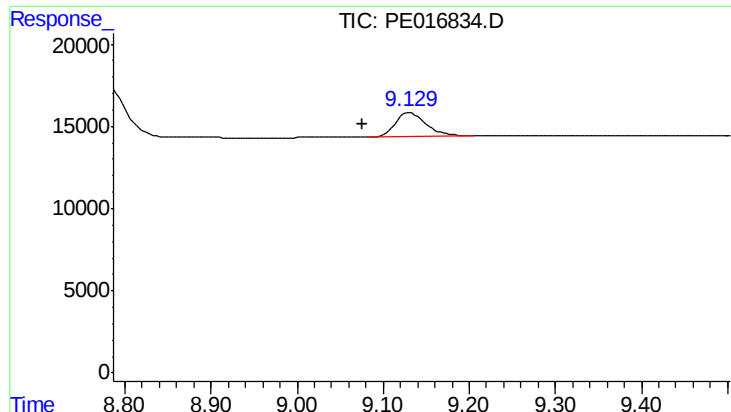
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.783 min  
Delta R.T.: 0.051 min  
Response: 75430  
Conc: 480.60 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.022 min  
Delta R.T.: 0.058 min  
Response: 127334  
Conc: 475.43 ng/ml



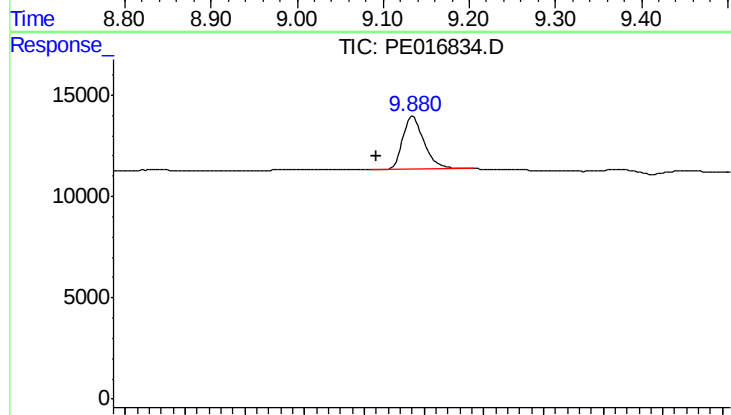
### #3 4-Nitrophenol

R.T.: 9.129 min  
Delta R.T.: 0.053 min  
Response: 37180  
Conc: 453.15 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

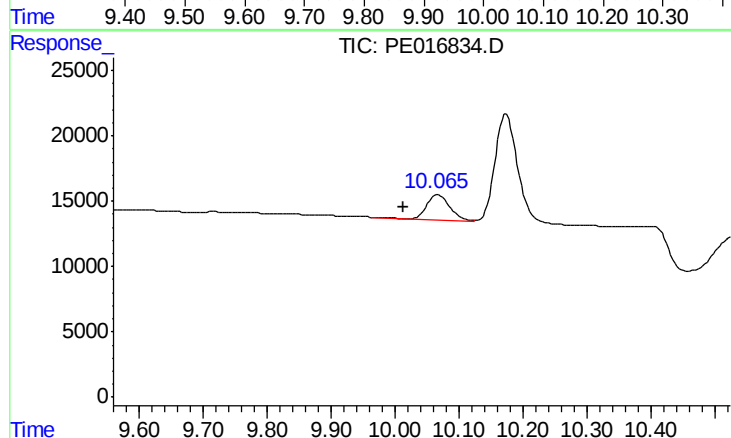
Manual Integrations  
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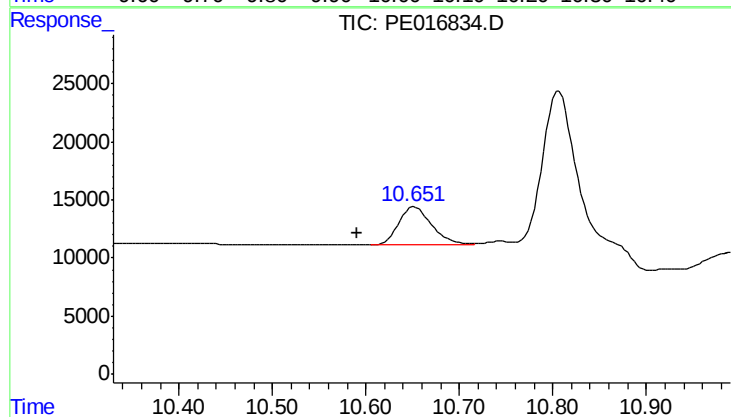
### #3 4-Nitrophenol

R.T.: 9.881 min  
Delta R.T.: 0.061 min  
Response: 65360  
Conc: 443.57 ng/ml



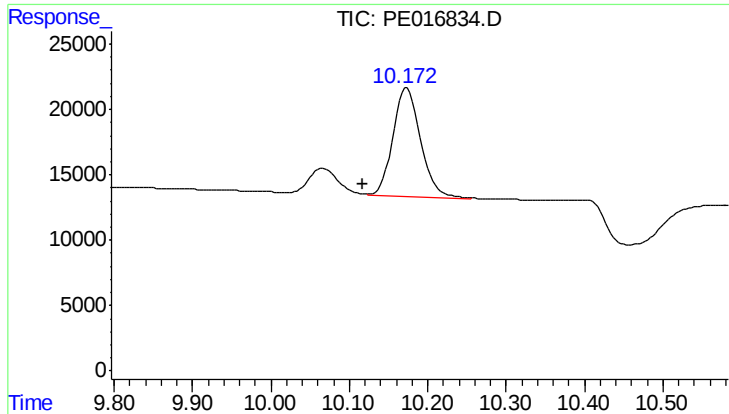
### #4 2,4-DCAA

R.T.: 10.067 min  
Delta R.T.: 0.055 min  
Response: 48534  
Conc: 505.10 ng/ml



### #4 2,4-DCAA

R.T.: 10.651 min  
Delta R.T.: 0.059 min  
Response: 81308  
Conc: 538.75 ng/ml m



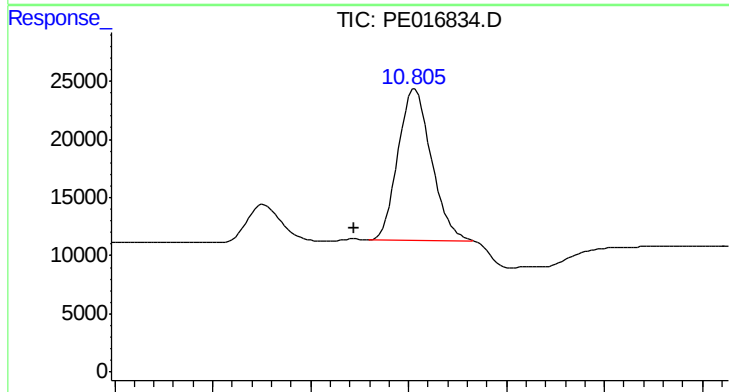
#5 DICAMBA

R.T.: 10.172 min  
Delta R.T.: 0.054 min  
Response: 203839  
Conc: 474.04 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

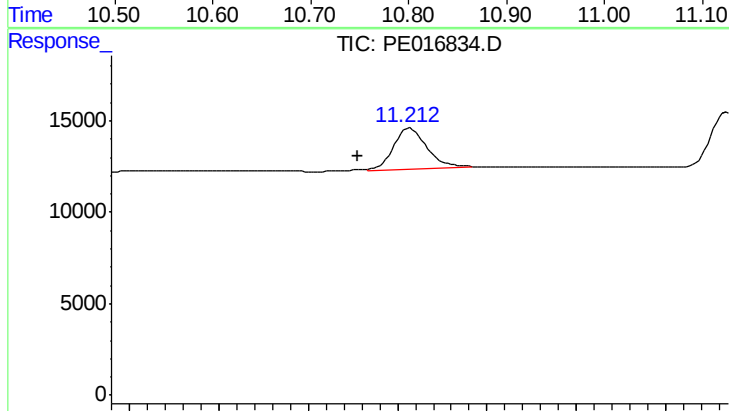
Manual Integrations  
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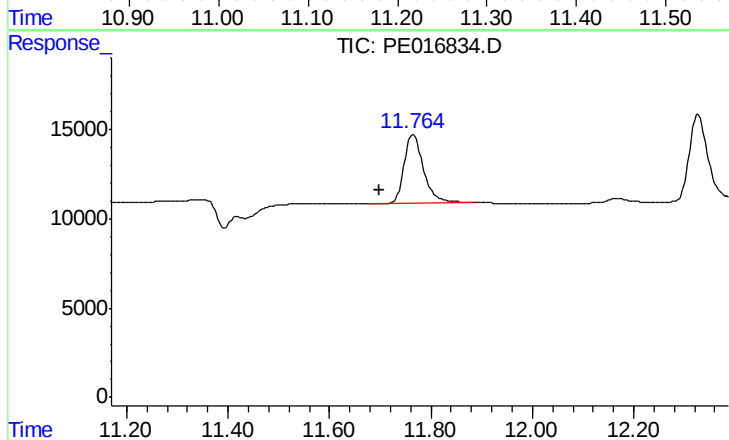
#5 DICAMBA

R.T.: 10.805 min  
Delta R.T.: 0.061 min  
Response: 309464  
Conc: 477.06 ng/ml m



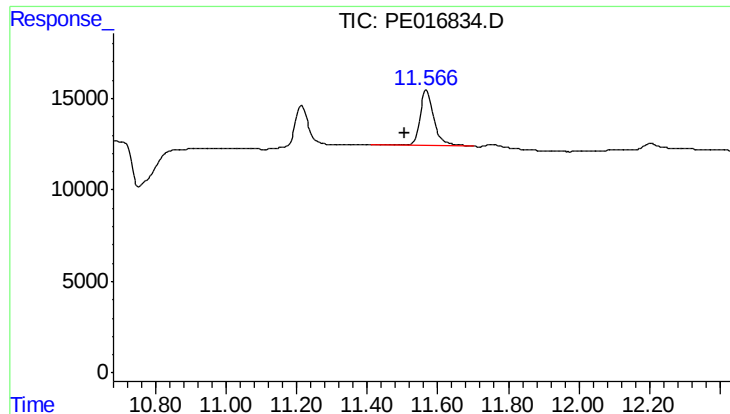
#8 DICHLORPROP

R.T.: 11.212 min  
Delta R.T.: 0.056 min  
Response: 57762  
Conc: 485.98 ng/ml m



#8 DICHLORPROP

R.T.: 11.765 min  
Delta R.T.: 0.065 min  
Response: 100359  
Conc: 479.27 ng/ml



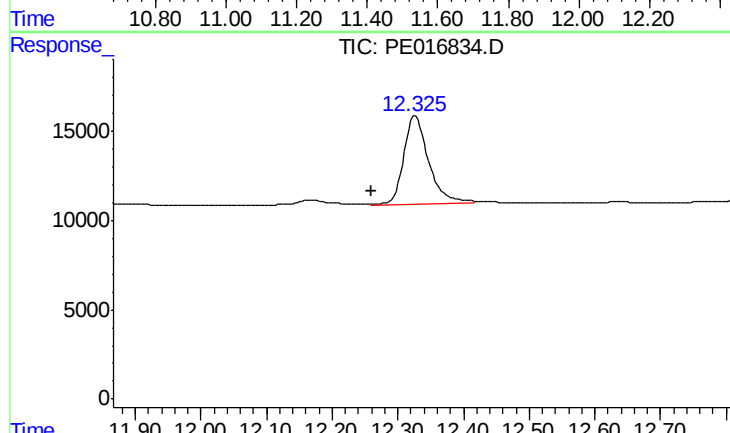
#9 2,4-D

R.T.: 11.569 min  
Delta R.T.: 0.061 min  
Response: 84640  
Conc: 522.82 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

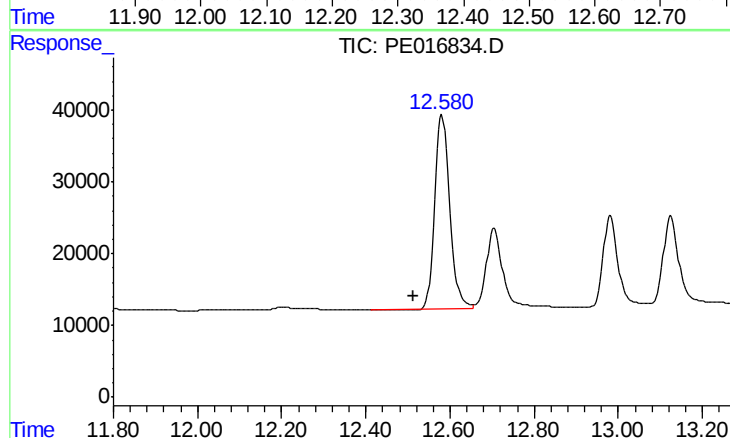
Manual Integrations  
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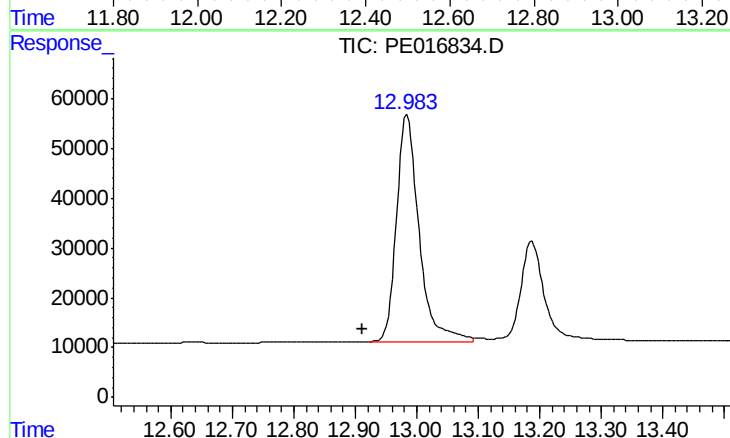
#9 2,4-D

R.T.: 12.325 min  
Delta R.T.: 0.065 min  
Response: 130857  
Conc: 539.90 ng/ml m



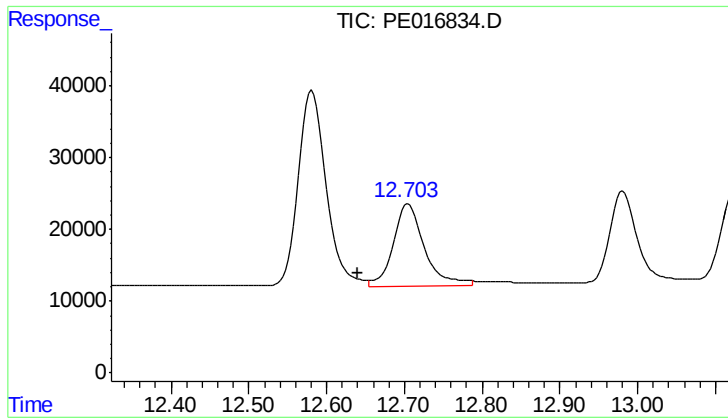
#10 Pentachlorophenol

R.T.: 12.582 min  
Delta R.T.: 0.067 min  
Response: 665415  
Conc: 465.71 ng/ml



#10 Pentachlorophenol

R.T.: 12.983 min  
Delta R.T.: 0.070 min  
Response: 1165482  
Conc: 502.11 ng/ml m



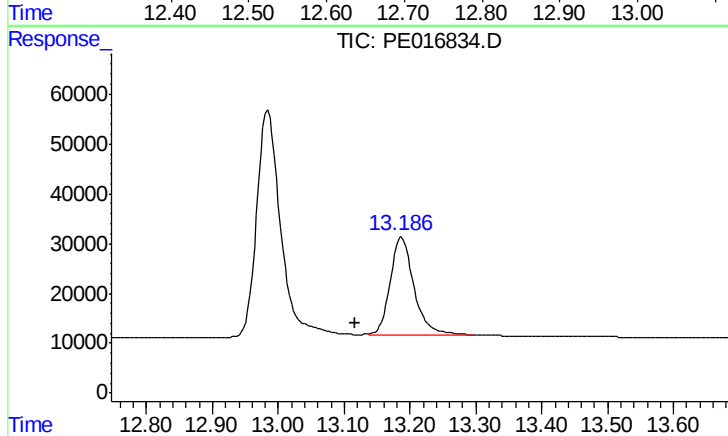
#11 2,4,5-TP (SILVEX)

R.T.: 12.703 min  
Delta R.T.: 0.063 min  
Response: 323679  
Conc: 569.52 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

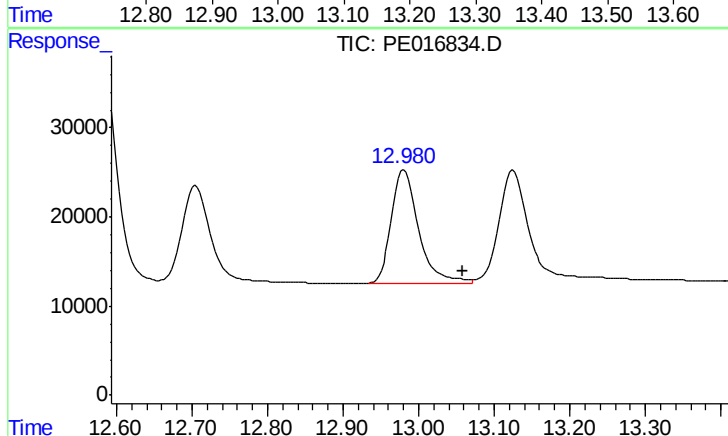
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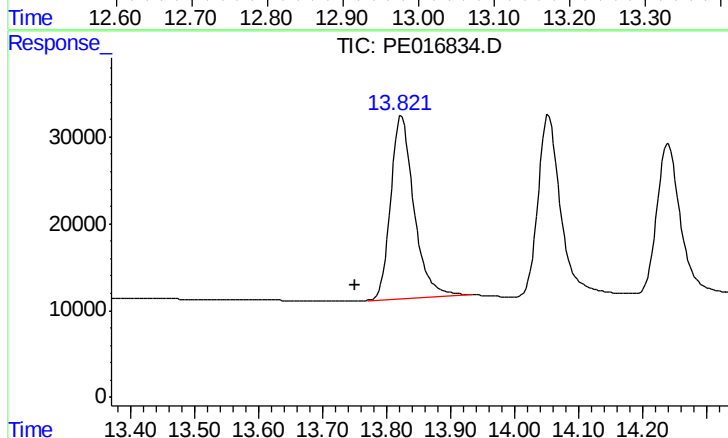
#11 2,4,5-TP (SILVEX)

R.T.: 13.186 min  
Delta R.T.: 0.069 min  
Response: 506157  
Conc: 513.87 ng/ml m



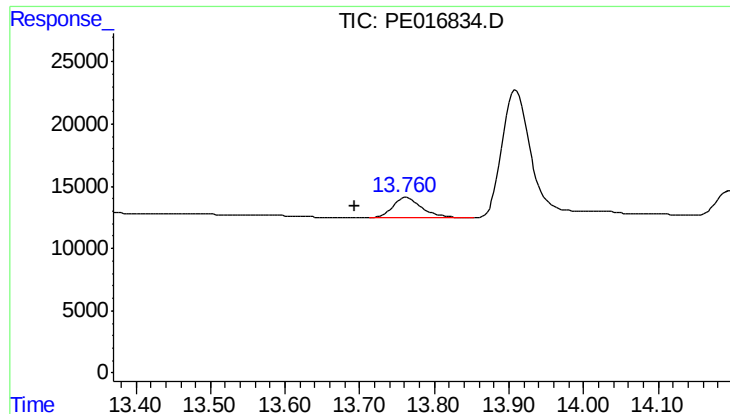
#12 2,4,5-T

R.T.: 12.980 min  
Delta R.T.: -0.079 min  
Response: 322624  
Conc: 501.10 ng/ml m



#12 2,4,5-T

R.T.: 13.821 min  
Delta R.T.: 0.071 min  
Response: 533933  
Conc: 493.08 ng/ml m



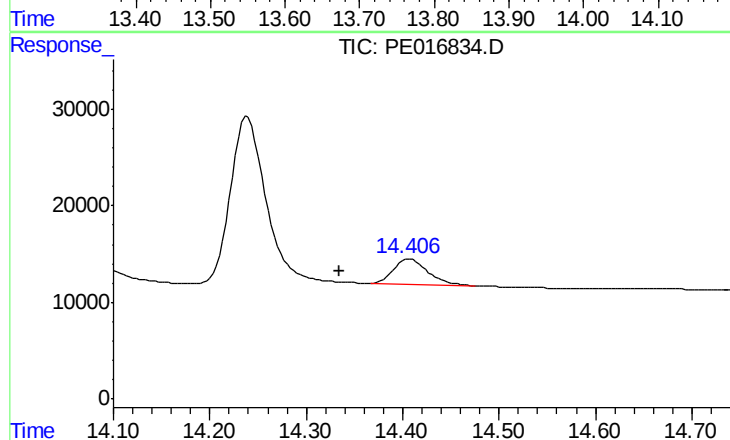
#13 2,4-DB

R.T.: 13.760 min  
Delta R.T.: 0.067 min  
Response: 46740  
Conc: 517.82 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

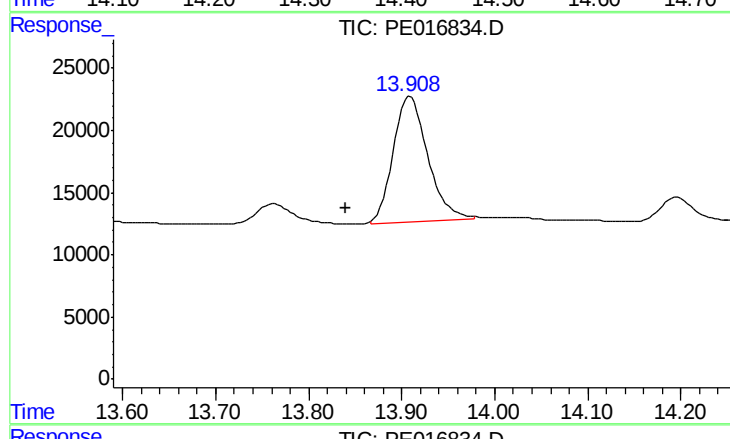
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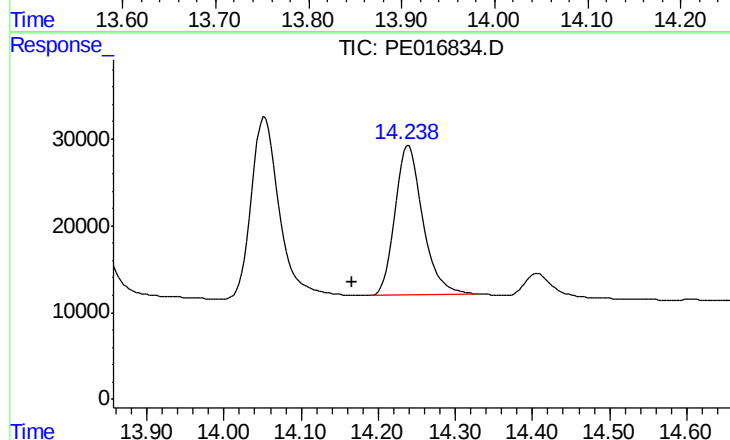
#13 2,4-DB

R.T.: 14.406 min  
Delta R.T.: 0.071 min  
Response: 63418  
Conc: 489.51 ng/ml m



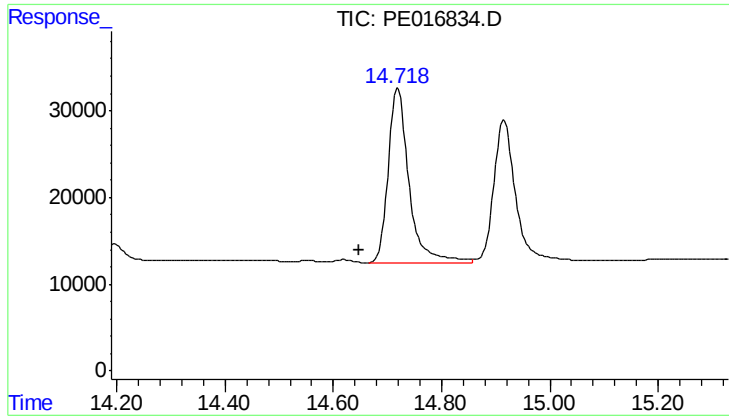
#14 DINOSEB

R.T.: 13.908 min  
Delta R.T.: 0.068 min  
Response: 261068  
Conc: 486.21 ng/ml m



#14 DINOSEB

R.T.: 14.238 min  
Delta R.T.: 0.072 min  
Response: 432968  
Conc: 488.78 ng/ml m



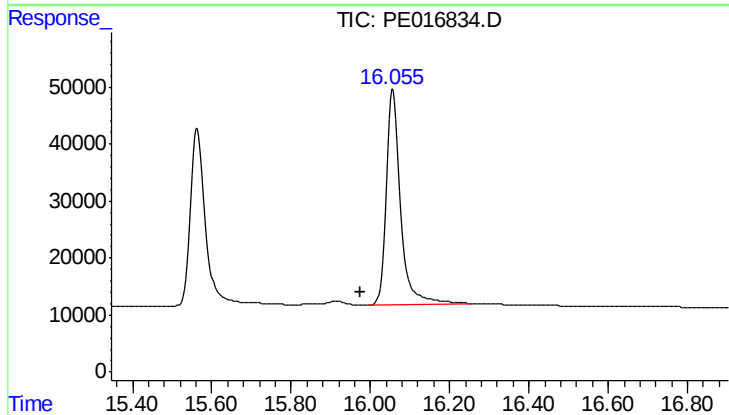
#15 Picloram

R.T.: 14.718 min  
Delta R.T.: 0.071 min  
Response: 535641  
Conc: 496.74 ng/ml

Instrument :  
ECD\_E  
ClientSampleId :  
PB102540BS

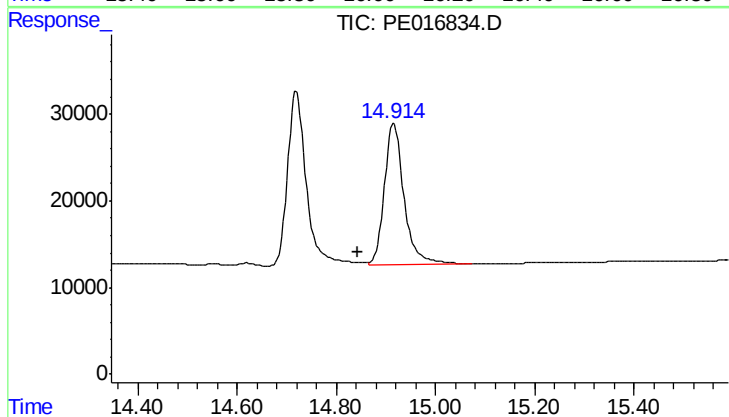
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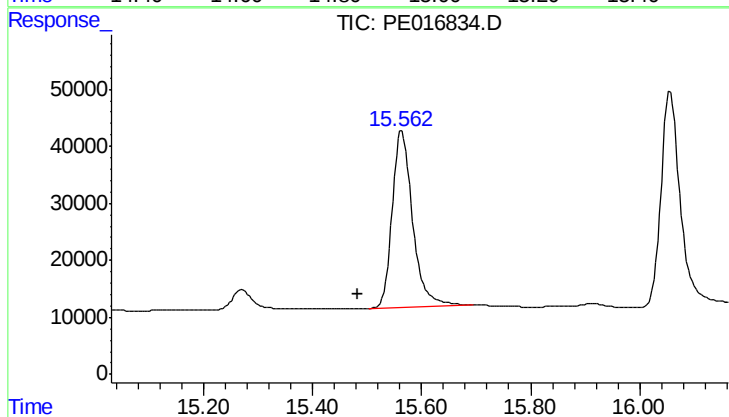
#15 Picloram

R.T.: 16.055 min  
Delta R.T.: 0.081 min  
Response: 971676  
Conc: 508.71 ng/ml m



#16 DCPA

R.T.: 14.914 min  
Delta R.T.: 0.071 min  
Response: 448852  
Conc: 521.81 ng/ml m



#16 DCPA

R.T.: 15.562 min  
Delta R.T.: 0.078 min  
Response: 806433  
Conc: 486.23 ng/ml m