

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS101619\  
 Data File : PS007183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2019 10:00  
 Operator : SM\AJ  
 Sample : K5111-09  
 Misc : MDL 100 PPB  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 MDL-MDL-WATER-03-QT4-2019

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 11:32:02 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS101419.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 14 13:54:23 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     | 5.443 | 5.172 | 394.9E6  | 219.8E6  | 288.564 | 312.517  |
| Target Compounds            |              |       |       |          |          |         |          |
| 1) T                        | Dalapon      | 2.014 | 1.725 | 113.5E6  | 72550270 | 67.815m | 79.725   |
| 2) T                        | 3,5-DICHL... | 4.824 | 4.484 | 160.7E6  | 78640746 | 95.635m | 91.397   |
| 3) T                        | 4-Nitroph... | 5.353 | 4.885 | 31178968 | 25032735 | 51.924m | 63.391   |
| 5) T                        | DICAMBA      | 5.590 | 5.297 | 442.2E6  | 237.0E6  | 89.993  | 91.066   |
| 6) T                        | MCPD         | 5.734 | 5.375 | 21984036 | 12001207 | 6.237m  | 6.327m   |
| 7) T                        | MCPA         | 5.865 | 5.549 | 29946104 | 21112095 | 5.806   | 7.262 #  |
| 8) T                        | DICHLORPROP  | 6.220 | 5.832 | 107.3E6  | 60249011 | 91.500  | 92.518   |
| 9) T                        | 2,4-D        | 6.486 | 6.112 | 103.0E6  | 71888269 | 83.565m | 90.109   |
| 10) T                       | Pentachlo... | 6.685 | 6.458 | 1909.8E6 | 1016.6E6 | 106.981 | 105.711  |
| 11) T                       | 2,4,5-TP ... | 7.223 | 6.824 | 693.6E6  | 362.3E6  | 99.517  | 95.258   |
| 12) T                       | 2,4,5-T      | 7.508 | 7.187 | 749.3E6  | 282.5E6  | 98.013  | 80.628   |
| 13) T                       | 2,4-DB       | 8.042 | 7.674 | 53910220 | 39124670 | 56.542  | 83.476 # |
| 14) T                       | DINOSEB      | 9.099 | 7.971 | 630.3E6  | 280.0E6  | 108.307 | 99.739   |
| 15) T                       | Picloram     | 8.960 | 8.916 | 875.0E6  | 577.5E6  | 79.279m | 94.055   |
| 16) T                       | DCPA         | 9.371 | 8.864 | 954.8E6  | 522.6E6  | 106.630 | 104.215  |
| -----                       |              |       |       |          |          |         |          |

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

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 Operator : SM\AJ  
 Sample : K5111-09  
 Misc : MDL 100 PPB  
 ALS Vial : 5 Sample Multiplier: 1

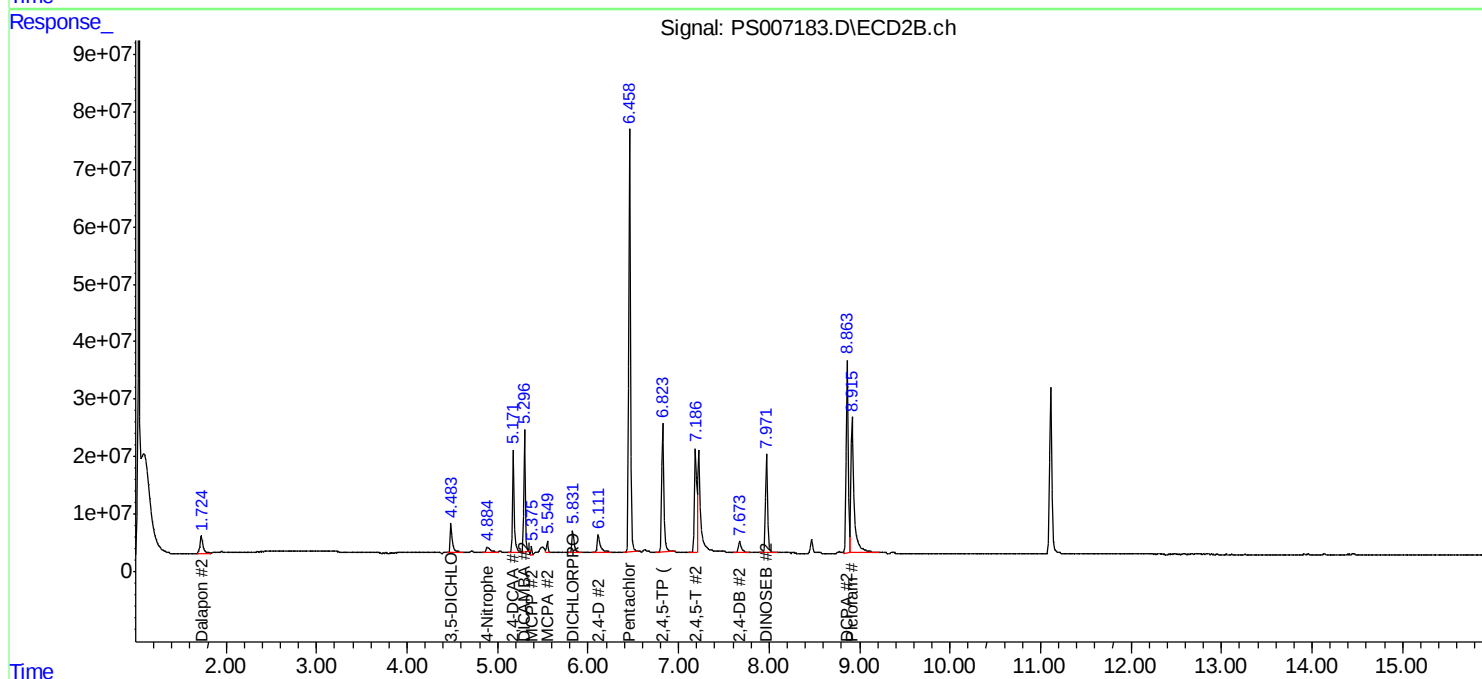
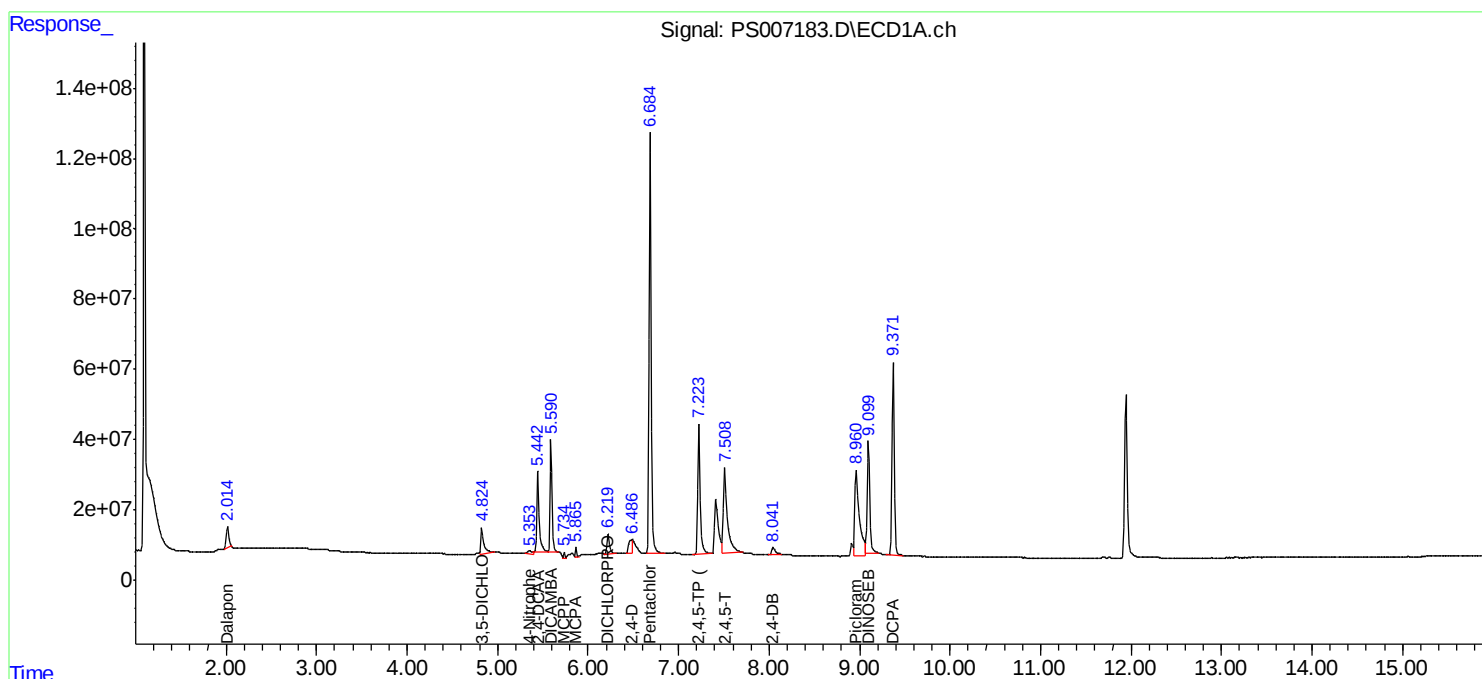
Instrument :  
 ECD\_S  
 ClientSampleId :  
 MDL-MDL-WATER-03-QT4-2019

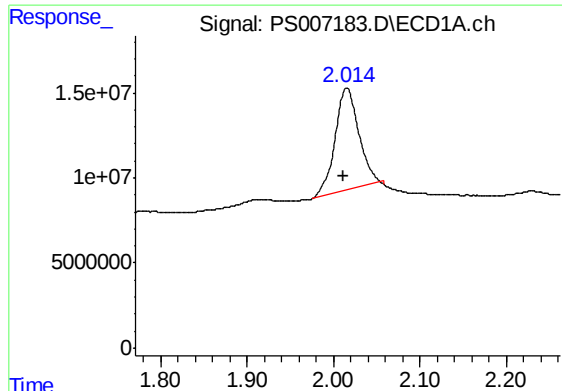
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
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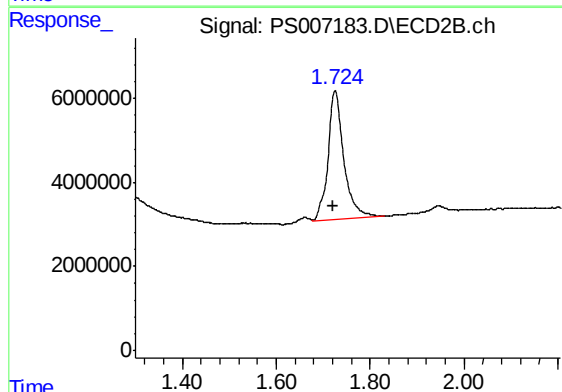
#1 Dalapon

R.T.: 2.014 min  
Delta R.T.: 0.003 min  
Response: 113472987  
Conc: 67.81 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

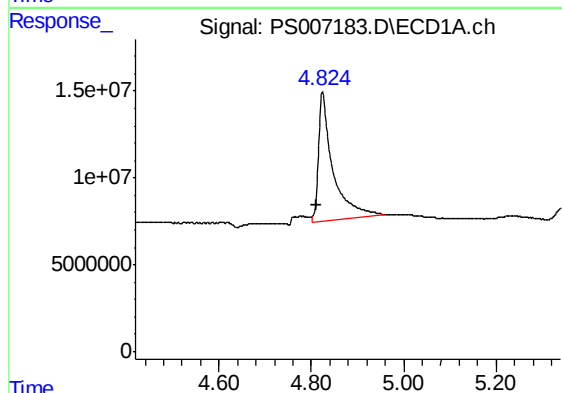
Manual Integrations  
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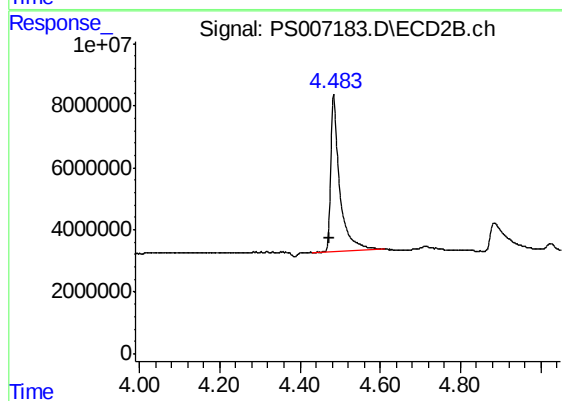
#1 Dalapon

R.T.: 1.725 min  
Delta R.T.: 0.004 min  
Response: 72550270  
Conc: 79.73 ng/ml



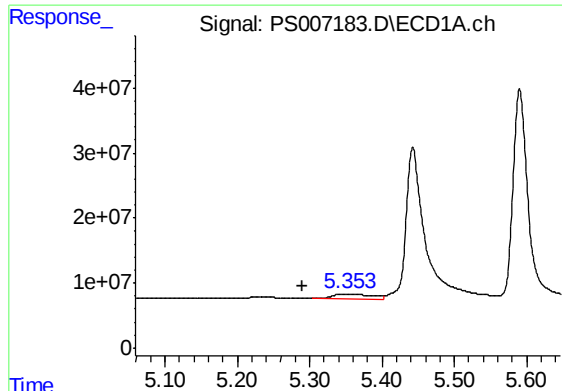
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.824 min  
Delta R.T.: 0.014 min  
Response: 160701848  
Conc: 95.63 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.484 min  
Delta R.T.: 0.010 min  
Response: 78640746  
Conc: 91.40 ng/ml



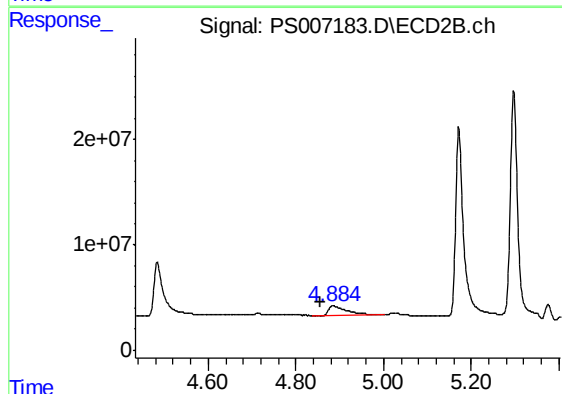
#3 4-Nitrophenol

R.T.: 5.353 min  
Delta R.T.: 0.063 min  
Response: 31178968  
Conc: 51.92 ng/ml m

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

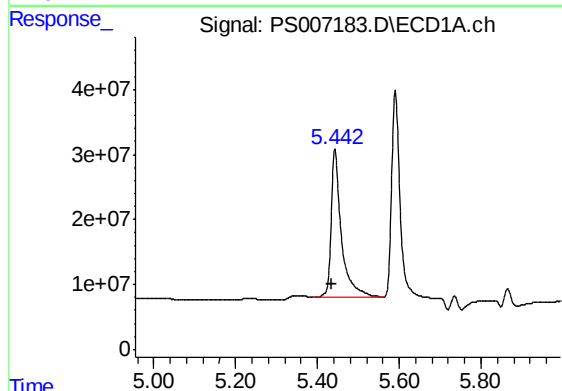
Manual Integrations  
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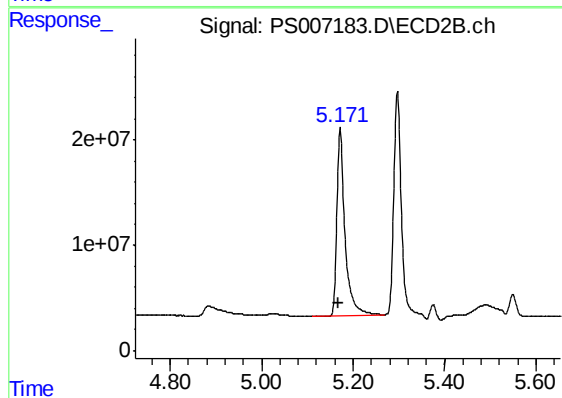
#3 4-Nitrophenol

R.T.: 4.885 min  
Delta R.T.: 0.029 min  
Response: 25032735  
Conc: 63.39 ng/ml



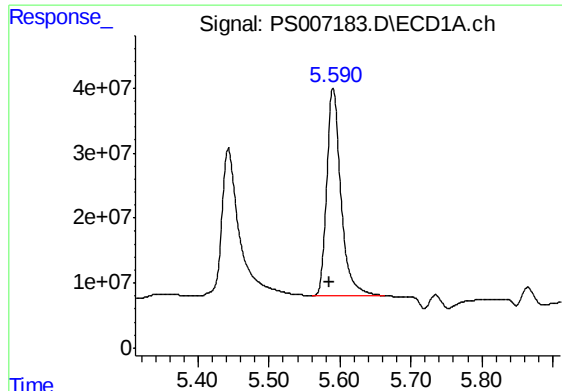
#4 2,4-DCAA

R.T.: 5.443 min  
Delta R.T.: 0.007 min  
Response: 394948463  
Conc: 288.56 ng/ml



#4 2,4-DCAA

R.T.: 5.172 min  
Delta R.T.: 0.003 min  
Response: 219795529  
Conc: 312.52 ng/ml



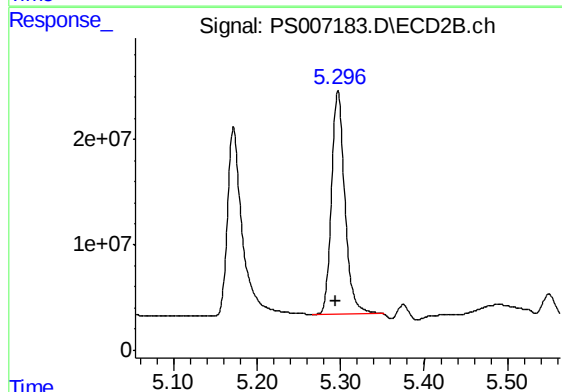
#5 DICAMBA

R.T.: 5.590 min  
Delta R.T.: 0.005 min  
Response: 442173148  
Conc: 89.99 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

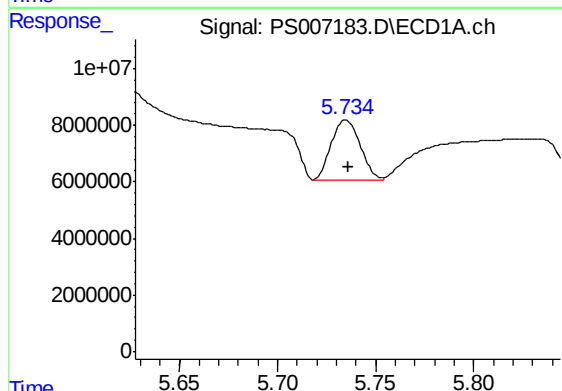
Manual Integrations  
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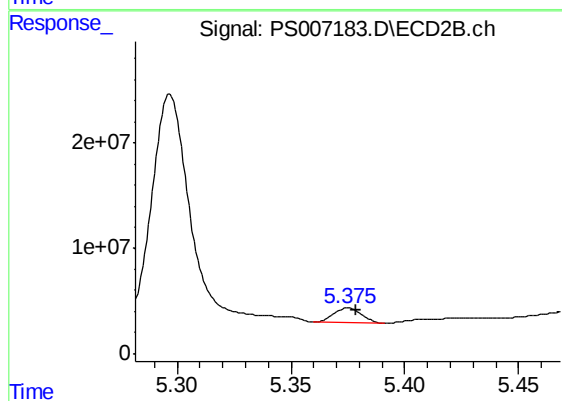
#5 DICAMBA

R.T.: 5.297 min  
Delta R.T.: 0.003 min  
Response: 236962588  
Conc: 91.07 ng/ml



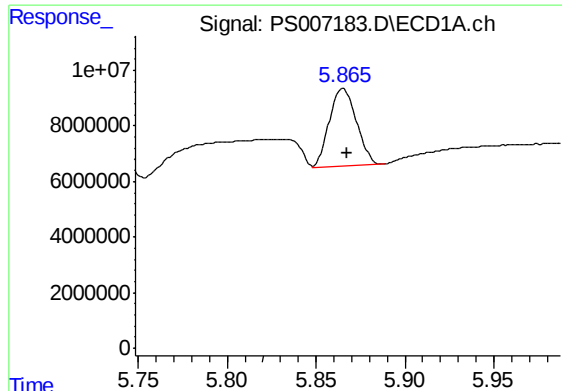
#6 MCPP

R.T.: 5.734 min  
Delta R.T.: -0.002 min  
Response: 21984036  
Conc: 6.24 ug/ml m



#6 MCPP

R.T.: 5.375 min  
Delta R.T.: -0.004 min  
Response: 12001207  
Conc: 6.33 ug/ml m



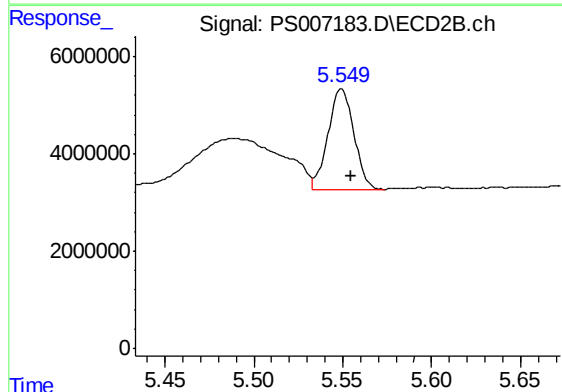
#7 MCPA

R.T.: 5.865 min  
Delta R.T.: -0.002 min  
Response: 29946104  
Conc: 5.81 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

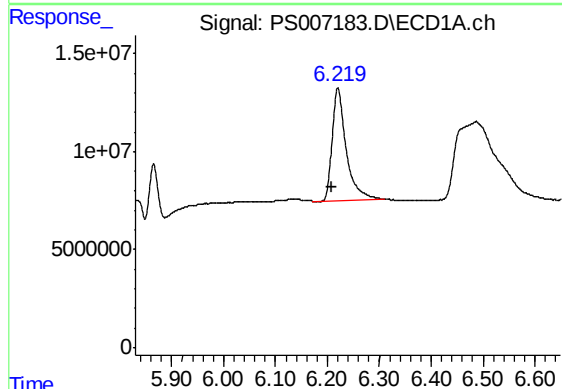
Manual Integrations  
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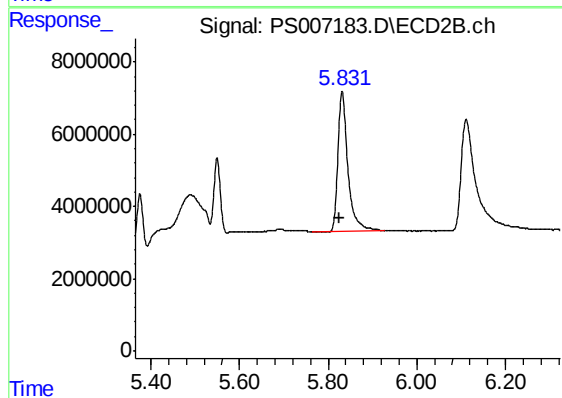
#7 MCPA

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 21112095  
Conc: 7.26 ug/ml



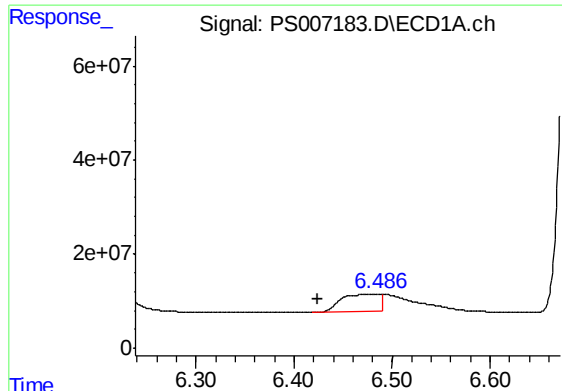
#8 DICHLORPROP

R.T.: 6.220 min  
Delta R.T.: 0.011 min  
Response: 107258531  
Conc: 91.50 ng/ml



#8 DICHLORPROP

R.T.: 5.832 min  
Delta R.T.: 0.006 min  
Response: 60249011  
Conc: 92.52 ng/ml



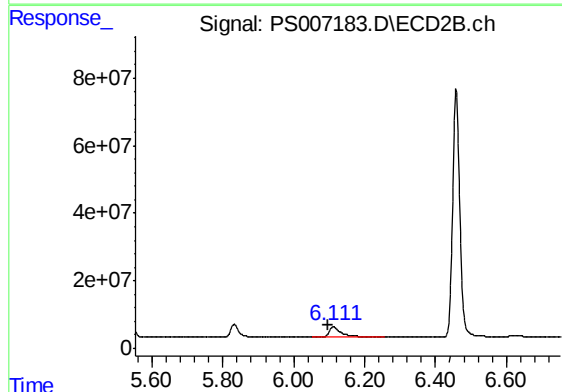
#9 2,4-D

R.T.: 6.486 min  
Delta R.T.: 0.062 min  
Response: 102980660  
Conc: 83.57 ng/ml m

Instrument :  
ECD\_S  
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MDL-MDL-WATER-03-QT4-2019

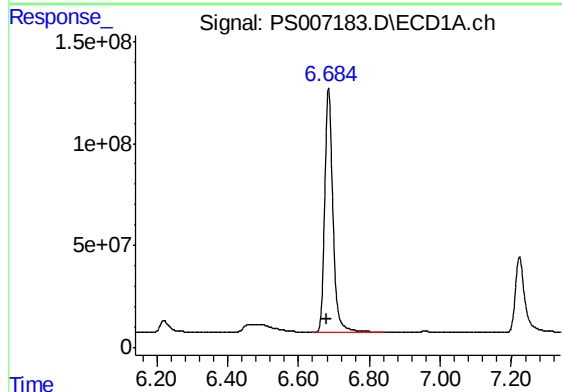
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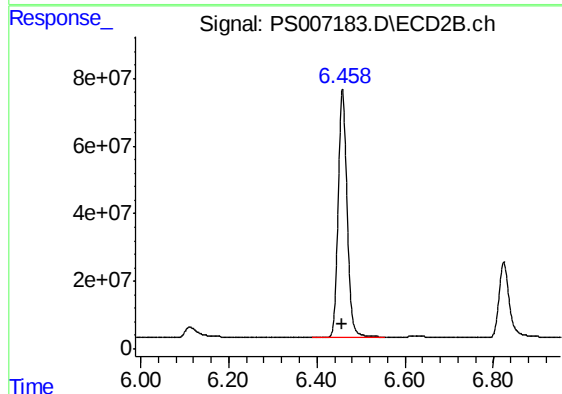
#9 2,4-D

R.T.: 6.112 min  
Delta R.T.: 0.016 min  
Response: 71888269  
Conc: 90.11 ng/ml



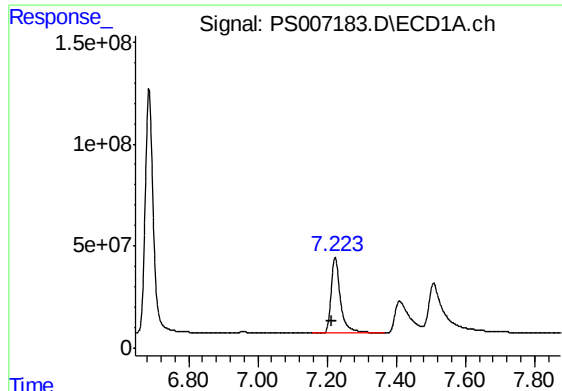
#10 Pentachlorophenol

R.T.: 6.685 min  
Delta R.T.: 0.005 min  
Response: 1909833540  
Conc: 106.98 ng/ml



#10 Pentachlorophenol

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 1016563016  
Conc: 105.71 ng/ml



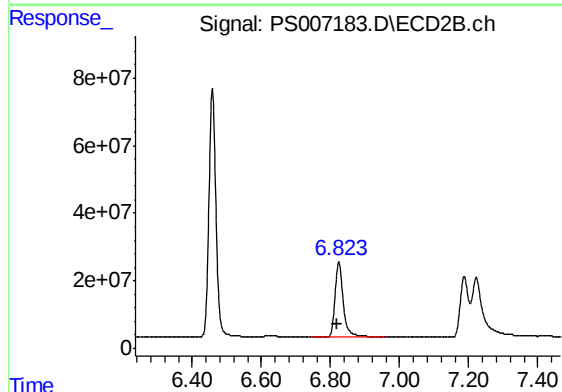
#11 2,4,5-TP (SILVEX)

R.T.: 7.223 min  
Delta R.T.: 0.009 min  
Response: 693599496  
Conc: 99.52 ng/ml

Instrument :  
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ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

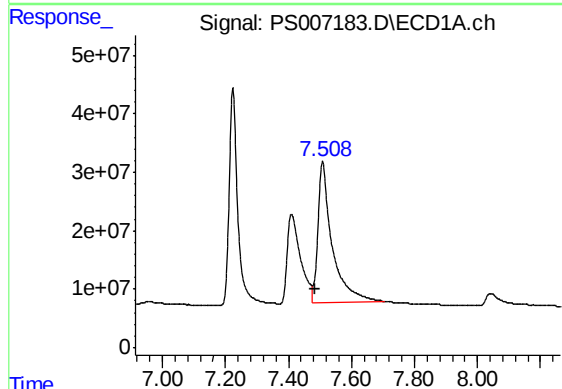
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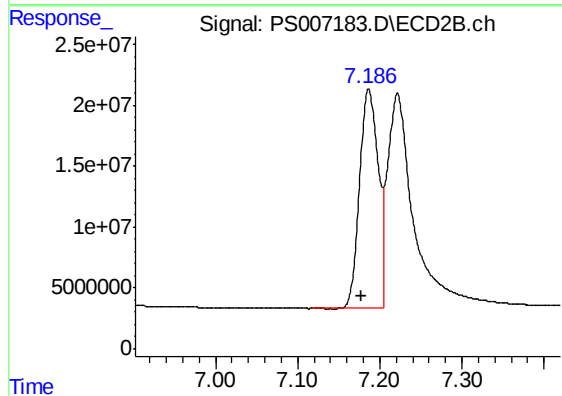
#11 2,4,5-TP (SILVEX)

R.T.: 6.824 min  
Delta R.T.: 0.003 min  
Response: 362323359  
Conc: 95.26 ng/ml



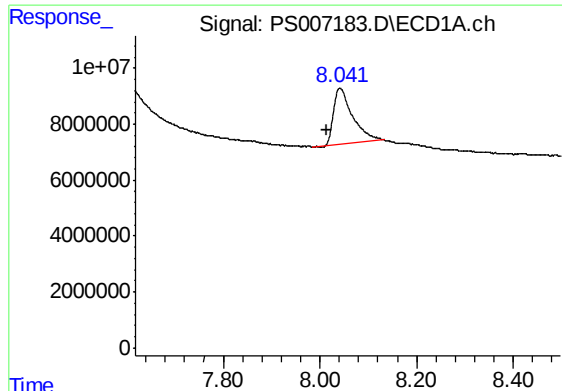
#12 2,4,5-T

R.T.: 7.508 min  
Delta R.T.: 0.023 min  
Response: 749283898  
Conc: 98.01 ng/ml



#12 2,4,5-T

R.T.: 7.187 min  
Delta R.T.: 0.008 min  
Response: 282489559  
Conc: 80.63 ng/ml



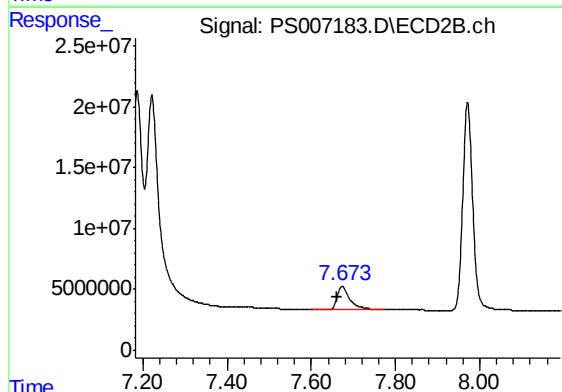
#13 2,4-DB

R.T.: 8.042 min  
Delta R.T.: 0.028 min  
Response: 53910220  
Conc: 56.54 ng/ml

Instrument :  
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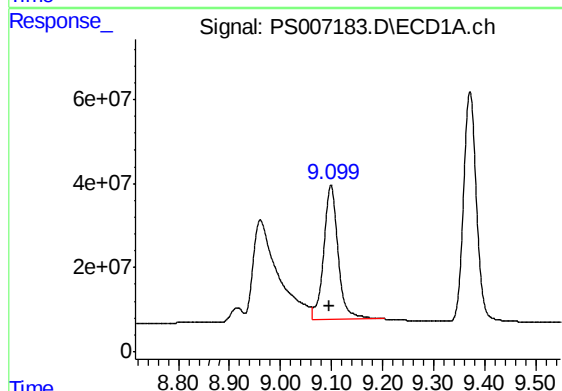
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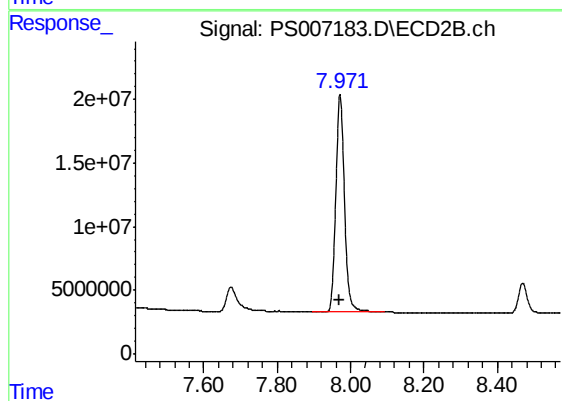
#13 2,4-DB

R.T.: 7.674 min  
Delta R.T.: 0.011 min  
Response: 39124670  
Conc: 83.48 ng/ml



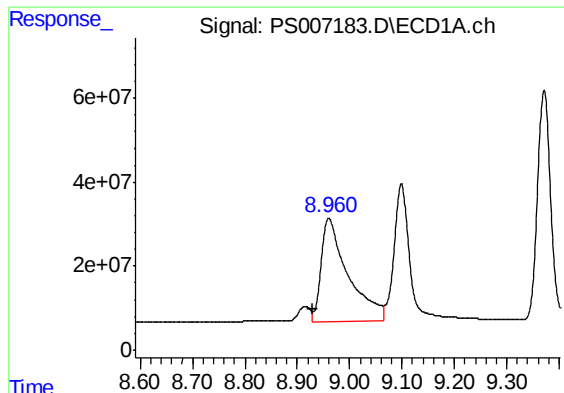
#14 DINOSEB

R.T.: 9.099 min  
Delta R.T.: 0.004 min  
Response: 630259660  
Conc: 108.31 ng/ml



#14 DINOSEB

R.T.: 7.971 min  
Delta R.T.: 0.000 min  
Response: 280003893  
Conc: 99.74 ng/ml



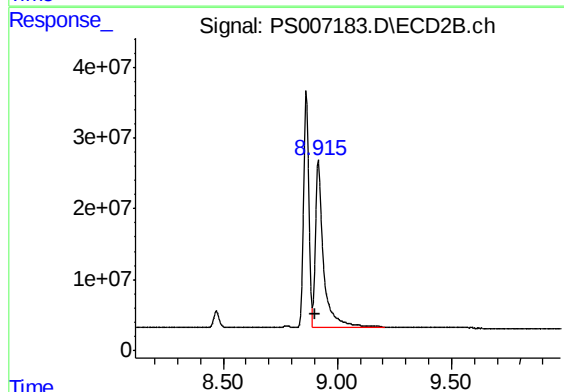
#15 Picloram

R.T.: 8.960 min  
Delta R.T.: 0.031 min  
Response: 875027929  
Conc: 79.28 ng/ml m

Instrument :  
ECD\_S  
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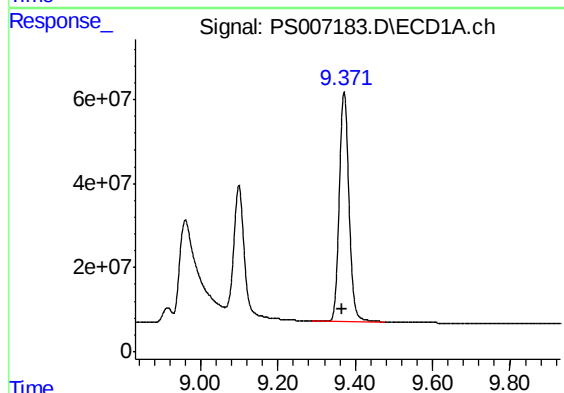
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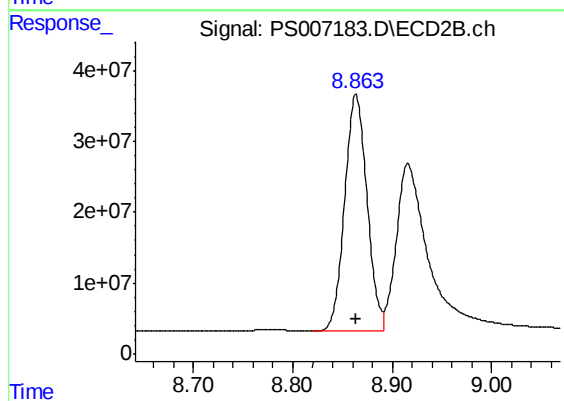
#15 Picloram

R.T.: 8.916 min  
Delta R.T.: 0.011 min  
Response: 577514818  
Conc: 94.06 ng/ml



#16 DCPA

R.T.: 9.371 min  
Delta R.T.: 0.004 min  
Response: 954796070  
Conc: 106.63 ng/ml



#16 DCPA

R.T.: 8.864 min  
Delta R.T.: 0.000 min  
Response: 522600985  
Conc: 104.21 ng/ml