

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS081023\  
 Data File : PS024022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2023 16:33  
 Operator : AR\AJ  
 Sample : PB154743BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB154743BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023  
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 21:30:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080823.M  
 Quant Title : 8080.M  
 QLast Update : Tue Aug 08 13:26:17 2023  
 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 x 0.5 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     | 6.367  | 6.797  | 1028.6E6  | 343.7E6  | 519.329 | 510.971 |
| Target Compounds            |              |        |        |           |          |         |         |
| 1) T                        | Dalapon      | 2.479  | 2.547  | 1012.0E6  | 496.4E6  | 461.217 | 453.950 |
| 2) T                        | 3,5-DICHL... | 5.740  | 5.979  | 1470.5E6  | 499.6E6  | 485.114 | 476.800 |
| 3) T                        | 4-Nitroph... | 6.204  | 6.409  | 540.6E6   | 187.8E6  | 488.409 | 474.383 |
| 5) T                        | DICAMBA      | 6.510  | 6.960  | 4299.1E6  | 1406.8E6 | 488.707 | 479.691 |
| 6) T                        | MCPD         | 6.660  | 7.055  | 290.7E6   | 92201380 | 46.618  | 47.659m |
| 7) T                        | MCPA         | 6.783  | 7.262  | 398.7E6   | 135.4E6  | 47.459  | 46.279  |
| 8) T                        | DICHLORPROP  | 7.099  | 7.577  | 1100.4E6  | 352.5E6  | 489.055 | 482.195 |
| 9) T                        | 2,4-D        | 7.296  | 7.862  | 1221.1E6  | 414.4E6  | 492.769 | 486.453 |
| 10) T                       | Pentachlo... | 7.526  | 8.288  | 16144.5E6 | 5358.8E6 | 515.008 | 498.733 |
| 11) T                       | 2,4,5-TP ... | 8.048  | 8.647  | 6599.0E6  | 2035.1E6 | 504.612 | 494.986 |
| 12) T                       | 2,4,5-T      | 8.303  | 9.018  | 5770.4E6  | 1886.5E6 | 515.029 | 499.214 |
| 13) T                       | 2,4-DB       | 8.808  | 9.522  | 898.0E6   | 226.9E6  | 504.631 | 497.680 |
| 14) T                       | DINOSEB      | 9.864  | 9.850  | 4609.3E6  | 1451.1E6 | 497.241 | 483.861 |
| 15) T                       | Picloram     | 9.688  | 10.805 | 6310.5E6  | 2339.8E6 | 488.068 | 469.562 |
| 16) T                       | DCPA         | 10.130 | 10.774 | 8116.6E6  | 2610.7E6 | 515.928 | 507.824 |
| -----                       |              |        |        |           |          |         |         |

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

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Acq On : 10 Aug 2023 16:33  
Operator : AR\AJ  
Sample : PB154743BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

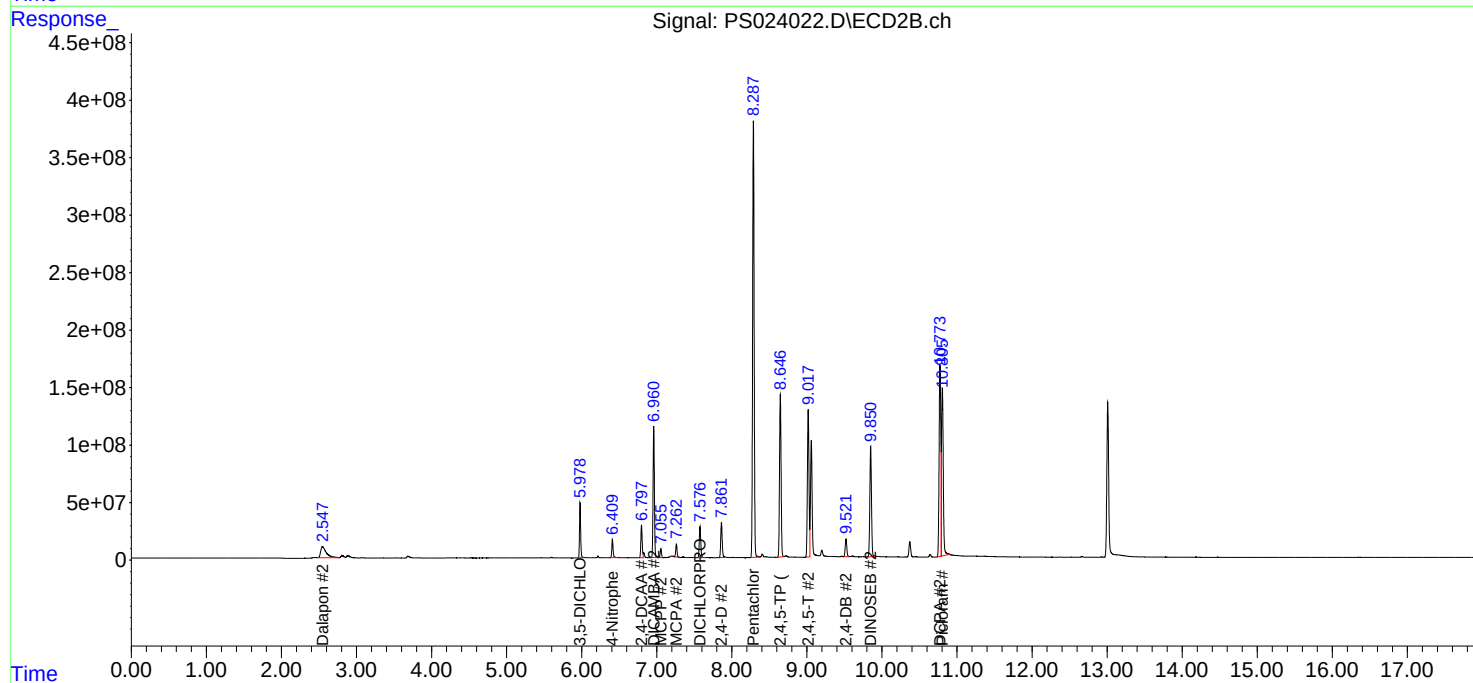
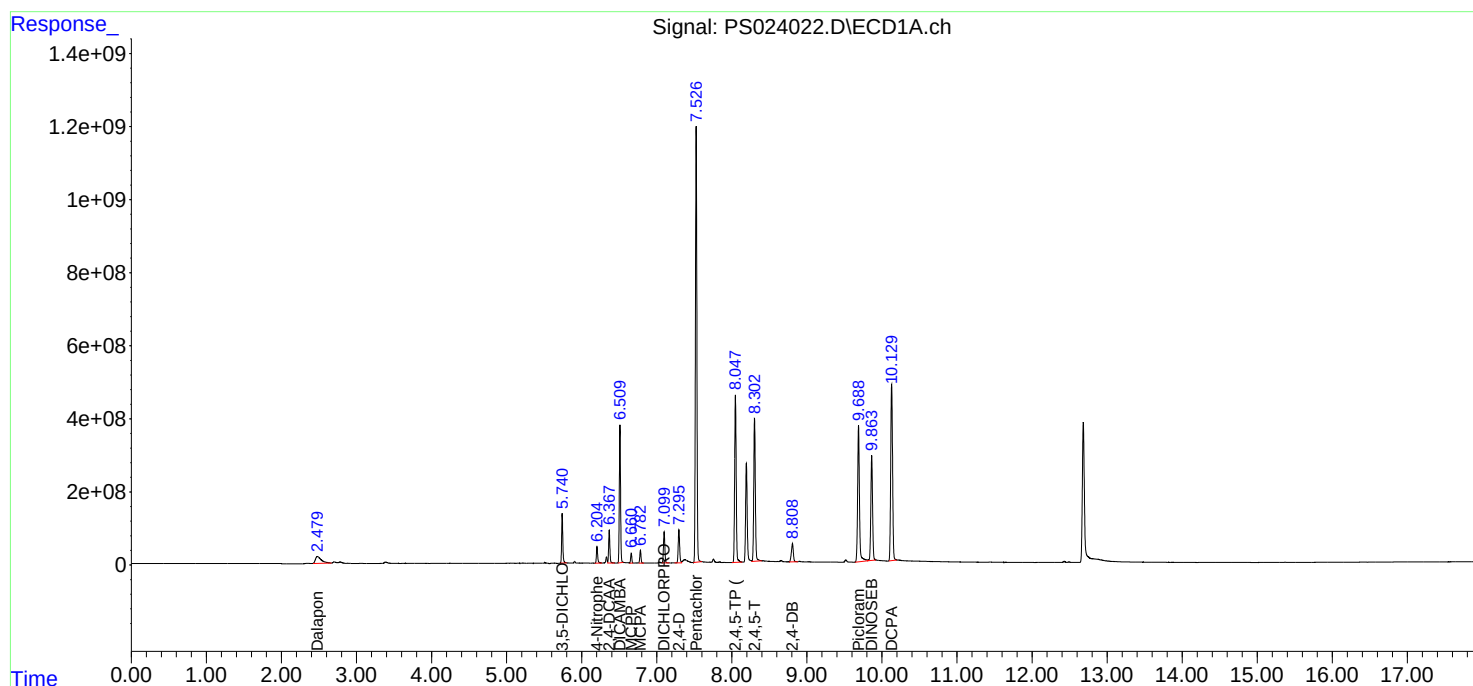
Instrument :  
ECD\_S  
ClientSampleId :  
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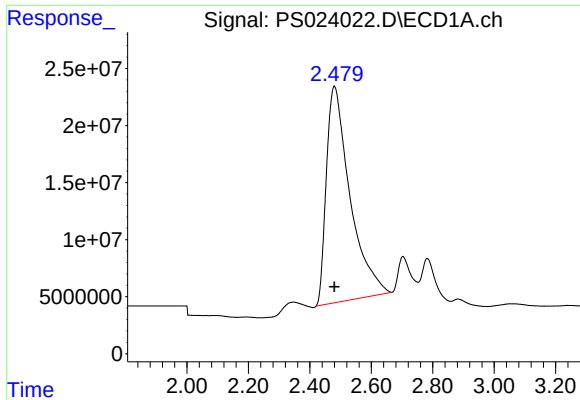
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 21:30:33 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080823.M  
Quant Title : 8080.M  
QLast Update : Tue Aug 08 13:26:17 2023  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





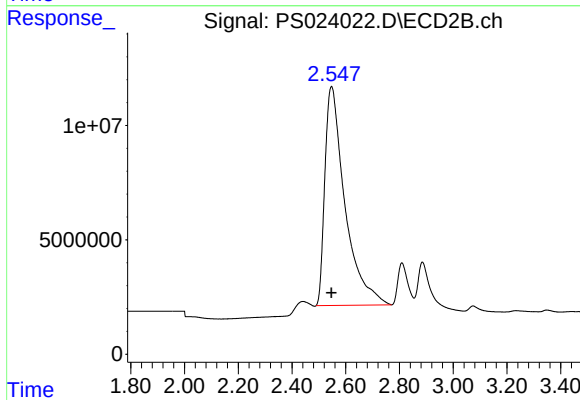
#1 Dalapon

R.T.: 2.479 min  
Delta R.T.: 0.000 min  
Response: 1012023982  
Conc: 461.22 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB154743BS

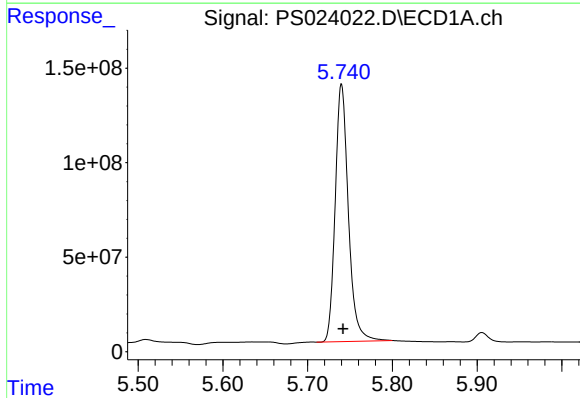
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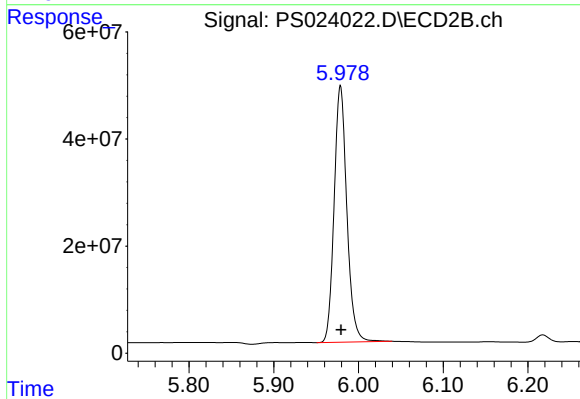
#1 Dalapon

R.T.: 2.547 min  
Delta R.T.: 0.000 min  
Response: 496375138  
Conc: 453.95 ng/ml



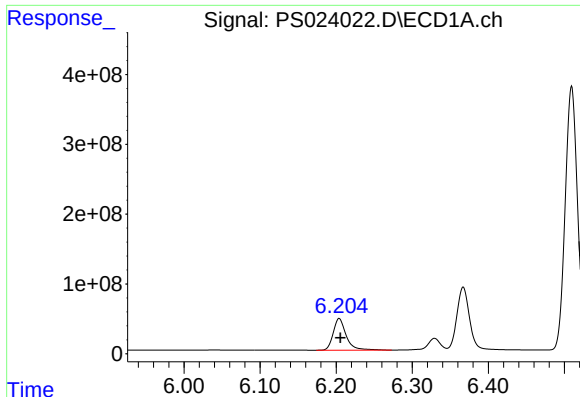
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.740 min  
Delta R.T.: -0.002 min  
Response: 1470473600  
Conc: 485.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 499590136  
Conc: 476.80 ng/ml



#3 4-Nitrophenol

R.T.: 6.204 min  
Delta R.T.: -0.002 min  
Response: 540581014  
Conc: 488.41 ng/ml

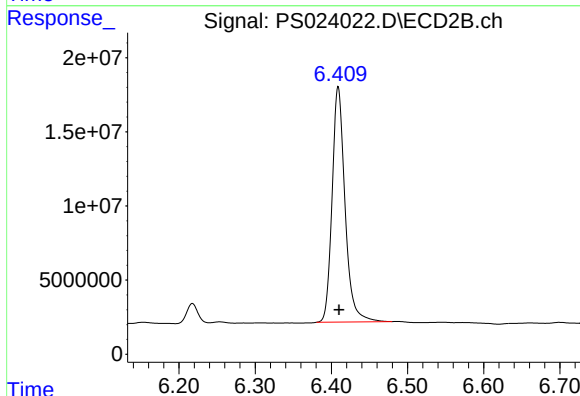
Instrument :

ECD\_S

ClientSampleId :  
PB154743BS

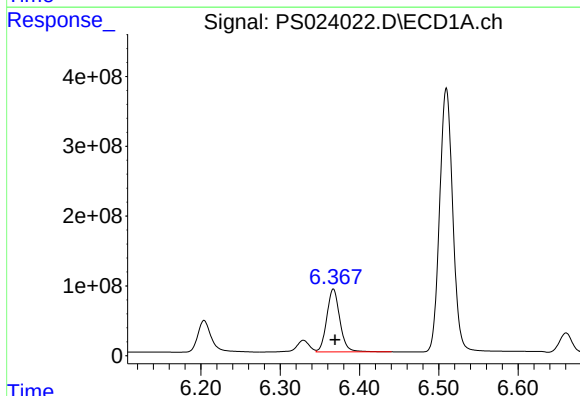
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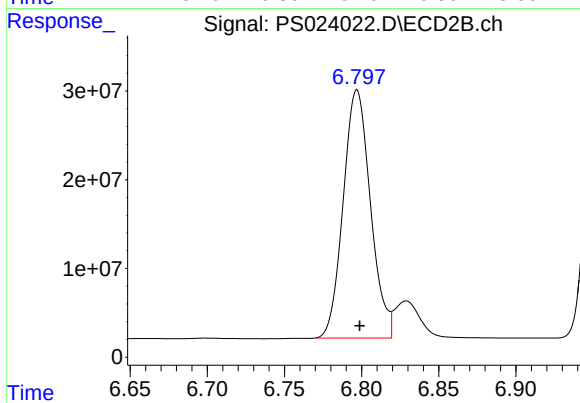
#3 4-Nitrophenol

R.T.: 6.409 min  
Delta R.T.: -0.001 min  
Response: 187760015  
Conc: 474.38 ng/ml



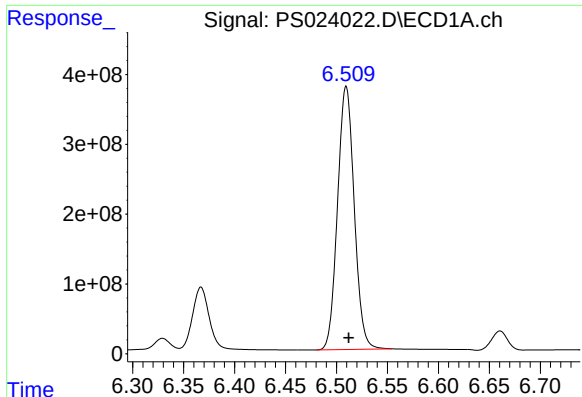
#4 2,4-DCAA

R.T.: 6.367 min  
Delta R.T.: -0.002 min  
Response: 1028562714  
Conc: 519.33 ng/ml



#4 2,4-DCAA

R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 343693026  
Conc: 510.97 ng/ml



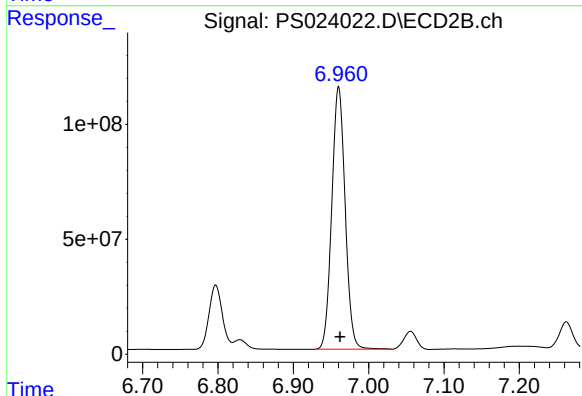
#5 DICAMBA

R.T.: 6.510 min  
Delta R.T.: -0.002 min  
Response: 4299064870  
Conc: 488.71 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB154743BS

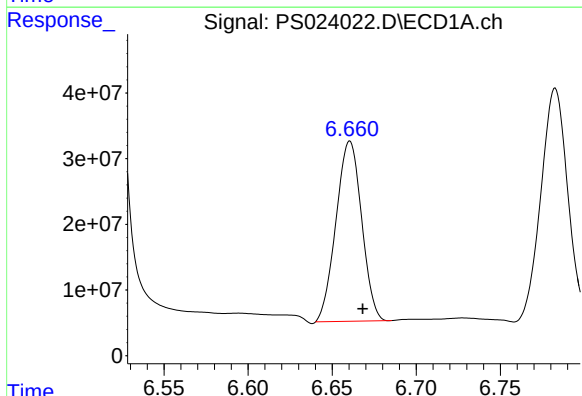
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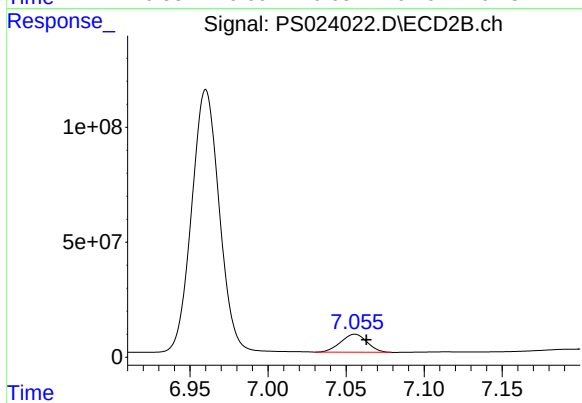
#5 DICAMBA

R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 1406831511  
Conc: 479.69 ng/ml



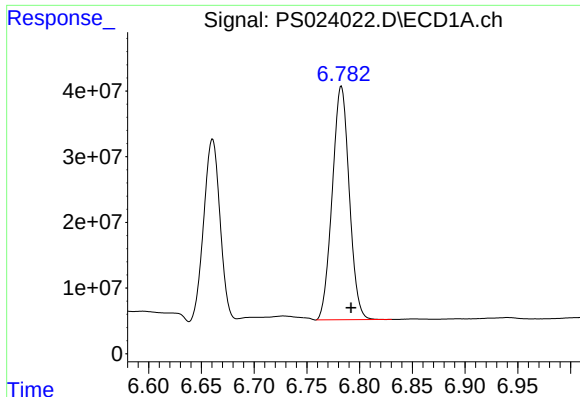
#6 MCP

R.T.: 6.660 min  
Delta R.T.: -0.008 min  
Response: 290732098  
Conc: 46.62 ug/ml



#6 MCP

R.T.: 7.055 min  
Delta R.T.: -0.008 min  
Response: 92201380  
Conc: 47.66 ug/ml m



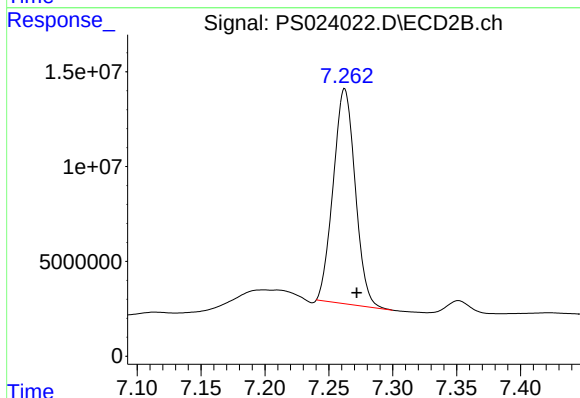
#7 MCPA

R.T.: 6.783 min  
Delta R.T.: -0.009 min  
Response: 398654869  
Conc: 47.46 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB154743BS

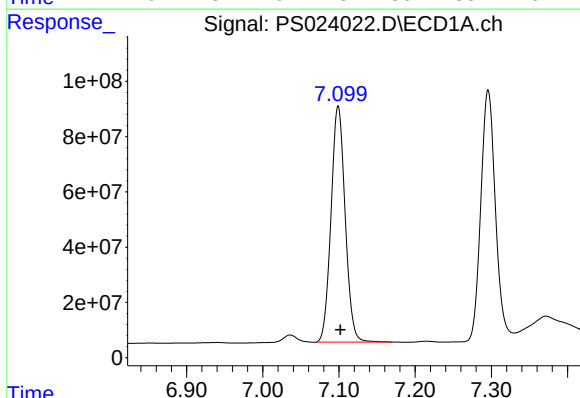
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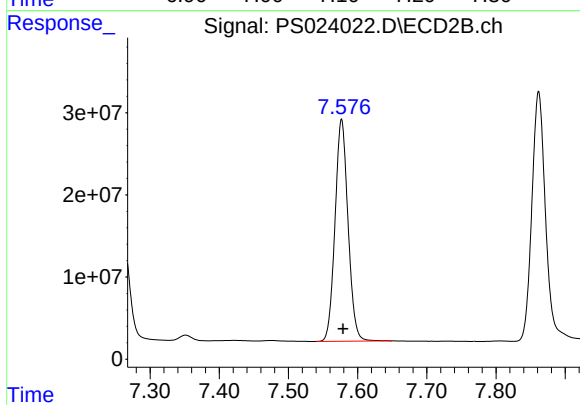
#7 MCPA

R.T.: 7.262 min  
Delta R.T.: -0.009 min  
Response: 135389586  
Conc: 46.28 ug/ml



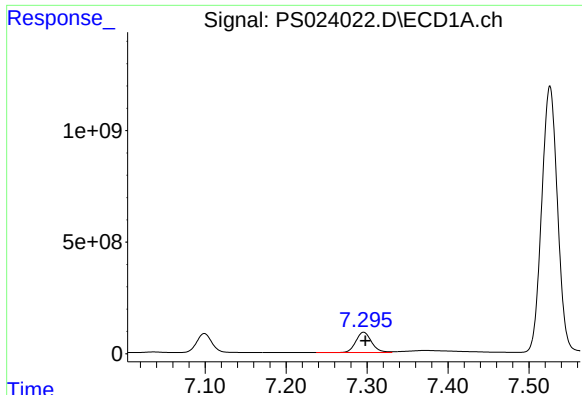
#8 DICHLORPROP

R.T.: 7.099 min  
Delta R.T.: -0.003 min  
Response: 1100442148  
Conc: 489.06 ng/ml



#8 DICHLORPROP

R.T.: 7.577 min  
Delta R.T.: -0.002 min  
Response: 352533054  
Conc: 482.20 ng/ml



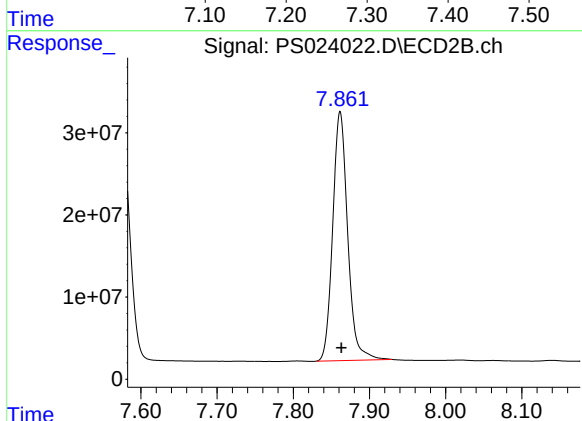
#9 2,4-D

R.T.: 7.296 min  
Delta R.T.: -0.002 min  
Response: 1221107766  
Conc: 492.77 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB154743BS

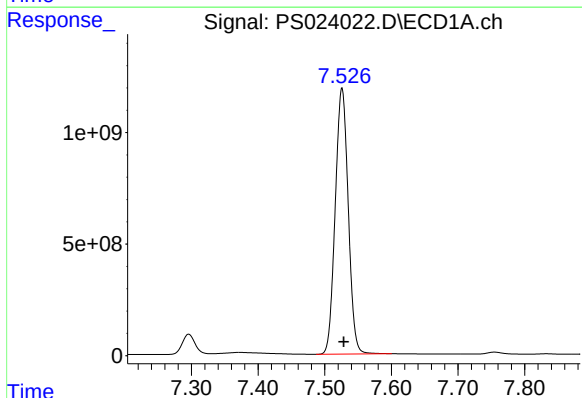
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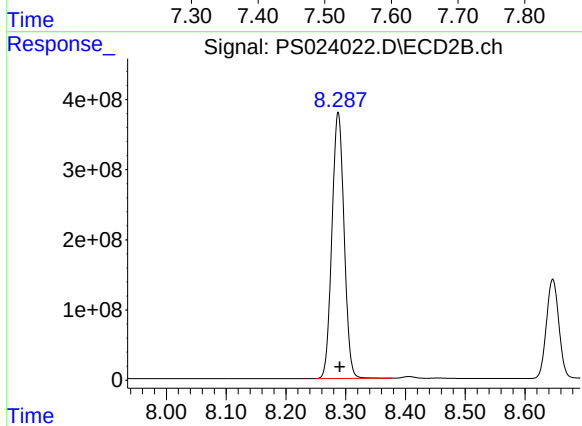
#9 2,4-D

R.T.: 7.862 min  
Delta R.T.: -0.002 min  
Response: 414392913  
Conc: 486.45 ng/ml



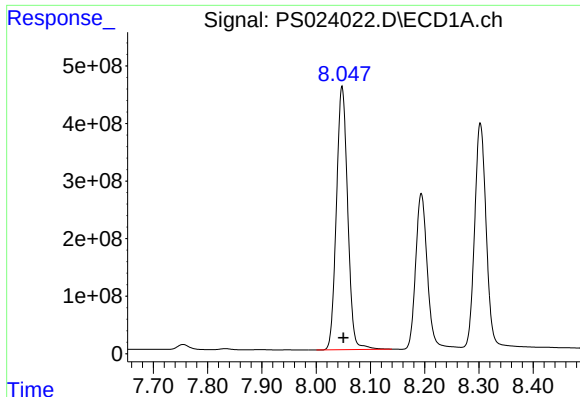
#10 Pentachlorophenol

R.T.: 7.526 min  
Delta R.T.: -0.003 min  
Response: 16144498069  
Conc: 515.01 ng/ml



#10 Pentachlorophenol

R.T.: 8.288 min  
Delta R.T.: -0.003 min  
Response: 5358788784  
Conc: 498.73 ng/ml



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

R.T.: 8.048 min  
Delta R.T.: -0.003 min  
Response: 6598996639  
Conc: 504.61 ng/ml

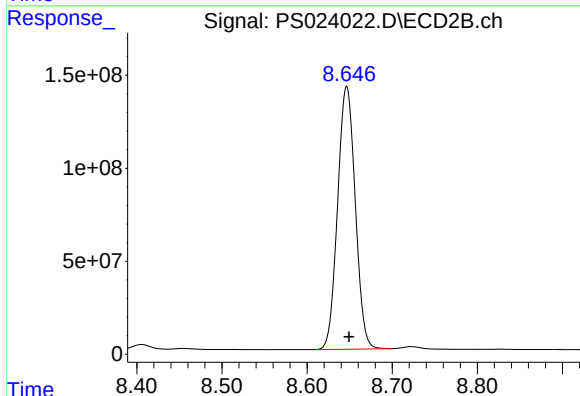
Instrument :

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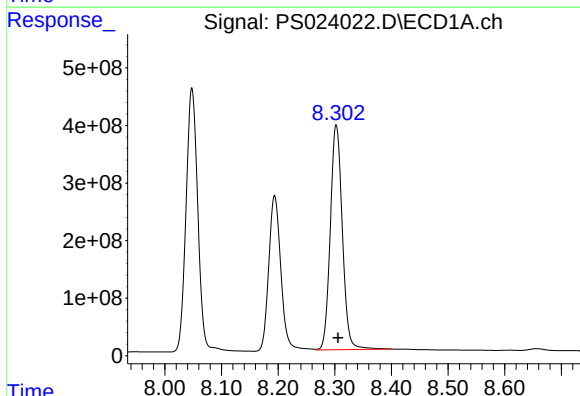
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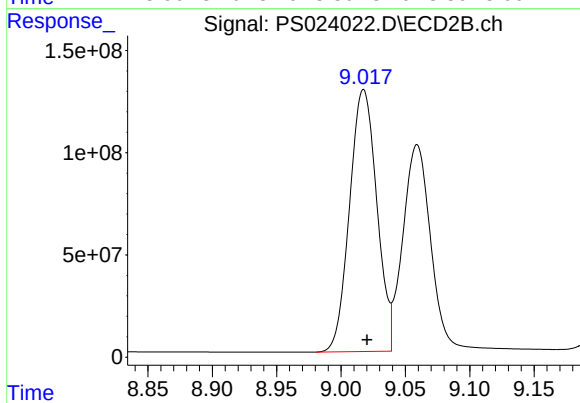
#11 2,4,5-TP (SILVEX)

R.T.: 8.647 min  
Delta R.T.: -0.003 min  
Response: 2035139597  
Conc: 494.99 ng/ml



#12 2,4,5-T

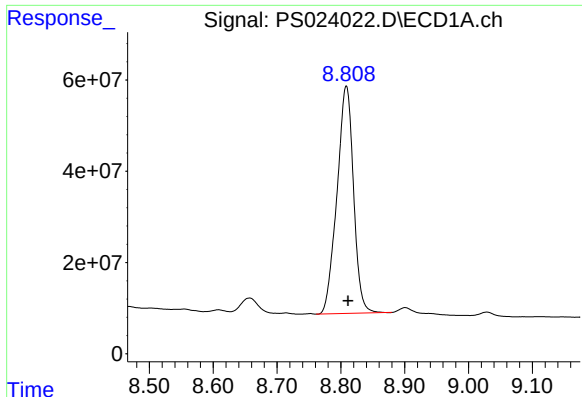
R.T.: 8.303 min  
Delta R.T.: -0.003 min  
Response: 5770393716  
Conc: 515.03 ng/ml



#12 2,4,5-T

R.T.: 9.018 min  
Delta R.T.: -0.003 min  
Response: 1886458404  
Conc: 499.21 ng/ml





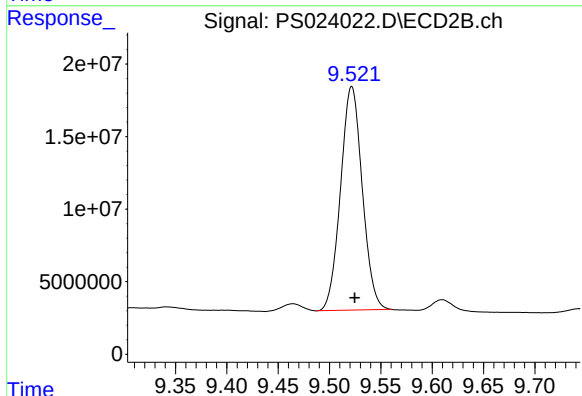
#13 2,4-DB

R.T.: 8.808 min  
Delta R.T.: -0.003 min  
Response: 898041118  
Conc: 504.63 ng/ml

Instrument :  
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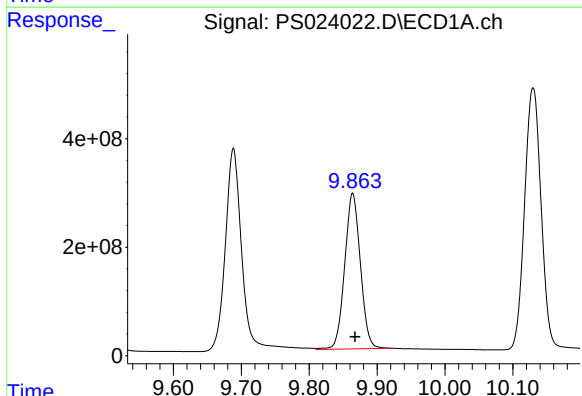
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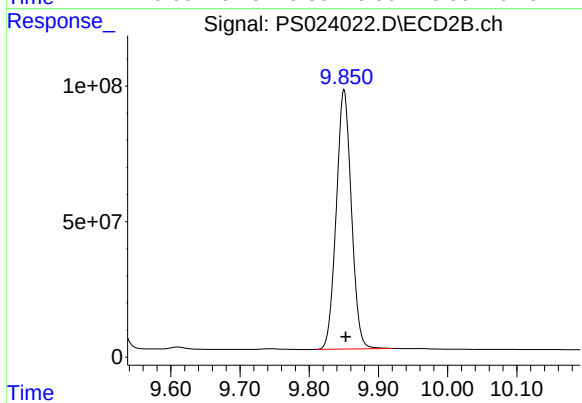
#13 2,4-DB

R.T.: 9.522 min  
Delta R.T.: -0.003 min  
Response: 226857468  
Conc: 497.68 ng/ml



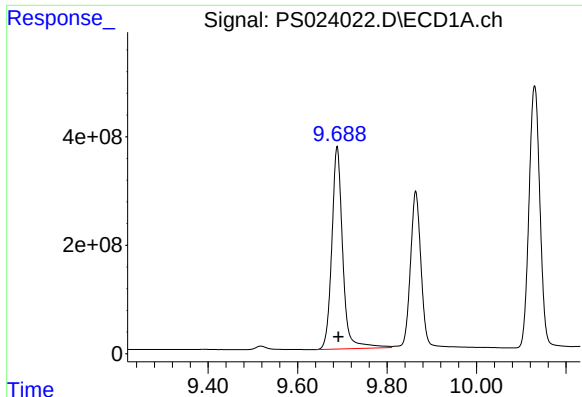
#14 DINOSEB

R.T.: 9.864 min  
Delta R.T.: -0.004 min  
Response: 4609277824  
Conc: 497.24 ng/ml



#14 DINOSEB

R.T.: 9.850 min  
Delta R.T.: -0.003 min  
Response: 1451114193  
Conc: 483.86 ng/ml



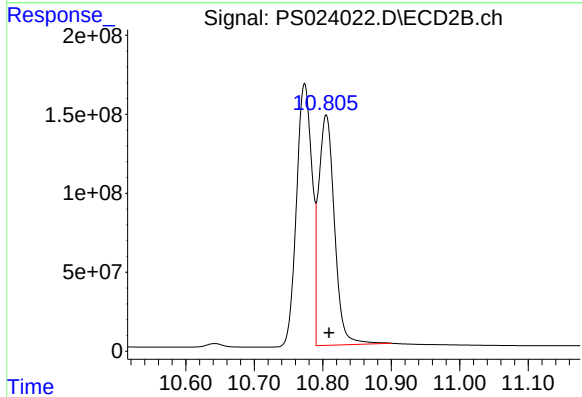
#15 Picloram

R.T.: 9.688 min  
Delta R.T.: -0.003 min  
Response: 6310452821  
Conc: 488.07 ng/ml

Instrument :  
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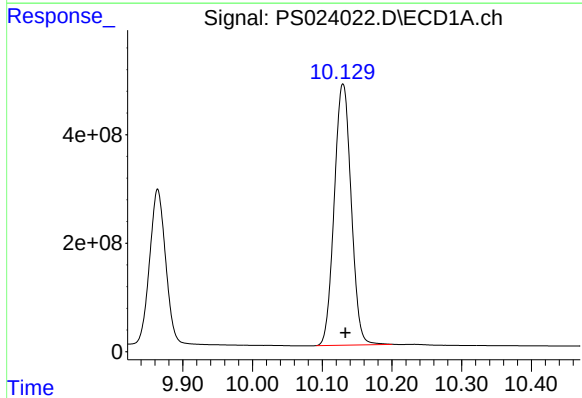
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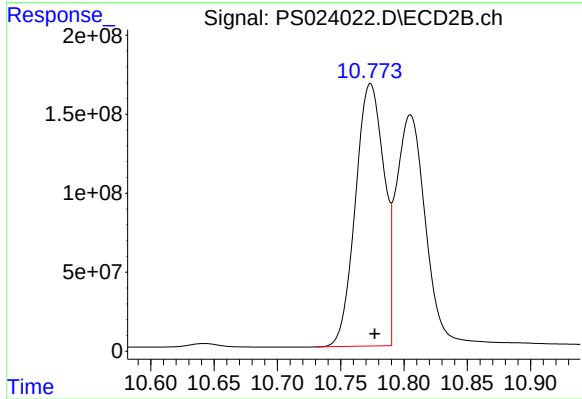
#15 Picloram

R.T.: 10.805 min  
Delta R.T.: -0.004 min  
Response: 2339779097  
Conc: 469.56 ng/ml



#16 DCPA

R.T.: 10.130 min  
Delta R.T.: -0.003 min  
Response: 8116636342  
Conc: 515.93 ng/ml



#16 DCPA

R.T.: 10.774 min  
Delta R.T.: -0.003 min  
Response: 2610722286  
Conc: 507.82 ng/ml