

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS102725\  
 Data File : PS032196.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2025 05:21  
 Operator : AR\AJ  
 Sample : PB170269BS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PB170269BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/28/2025  
 Supervised By : mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 06:26:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS102725.M  
 Quant Title : 8080.M  
 QLast Update : Tue Oct 28 04:40:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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 ahmed

10/29/2025

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 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     | 7.277  | 7.750  | 2269.2E6  | 521.0E6   | 524.832  | 476.403   |
| Target Compounds            |              |        |        |           |           |          |           |
| 1) T                        | Dalapon      | 2.657  | 2.693  | 3112.0E6  | 1623.0E6  | 431.553  | 441.286   |
| 2) T                        | 3,5-DICHL... | 6.444  | 6.703  | 3023.4E6  | 843.5E6   | 478.159  | 448.201   |
| 3) T                        | 4-Nitroph... | 7.100  | 7.322  | 478.0E6   | 561.4E6   | 440.488m | 353.913m  |
| 5) T                        | DICAMBA      | 7.457  | 7.942  | 8856.5E6  | 3688.4E6  | 479.413  | 451.680   |
| 6) T                        | MCPD         | 7.633  | 8.037  | 493.0E6   | 112.6E6   | 45.789   | 44.036    |
| 7) T                        | MCPA         | 7.781  | 8.284  | 610.9E6   | 151.9E6   | 46.918   | 43.392    |
| 8) T                        | DICHLORPROP  | 8.166  | 8.663  | 2079.7E6  | 826.7E6   | 478.112  | 449.927   |
| 9) T                        | 2,4-D        | 8.408  | 9.011  | 2116.9E6  | 851.4E6   | 510.914  | 440.988   |
| 10) T                       | Pentachlo... | 8.693  | 9.511  | 33616.8E6 | 24220.4E6 | 544.817  | 498.723   |
| 11) T                       | 2,4,5-TP ... | 9.272  | 9.896  | 12373.6E6 | 8857.1E6  | 501.300  | 468.585   |
| 12) T                       | 2,4,5-T      | 9.572  | 10.329 | 11290.1E6 | 7416.4E6  | 541.999  | 459.878   |
| 13) T                       | 2,4-DB       | 10.151 | 10.899 | 1208.1E6  | 526.4E6   | 524.969  | 381.522 # |
| 14) T                       | DINOSEB      | 11.336 | 11.266 | 9389.6E6  | 6270.6E6  | 489.045  | 454.715   |
| 15) T                       | Picloram     | 11.183 | 12.401 | 7543.1E6  | 11668.3E6 | 400.556  | 401.397   |
| 16) T                       | DCPA         | 11.635 | 12.307 | 16327.9E6 | 15242.8E6 | 509.602  | 489.499   |
| -----                       |              |        |        |           |           |          |           |

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

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Acq On : 28 Oct 2025 05:21  
Operator : AR\AJ  
Sample : PB170269BS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB170269BS

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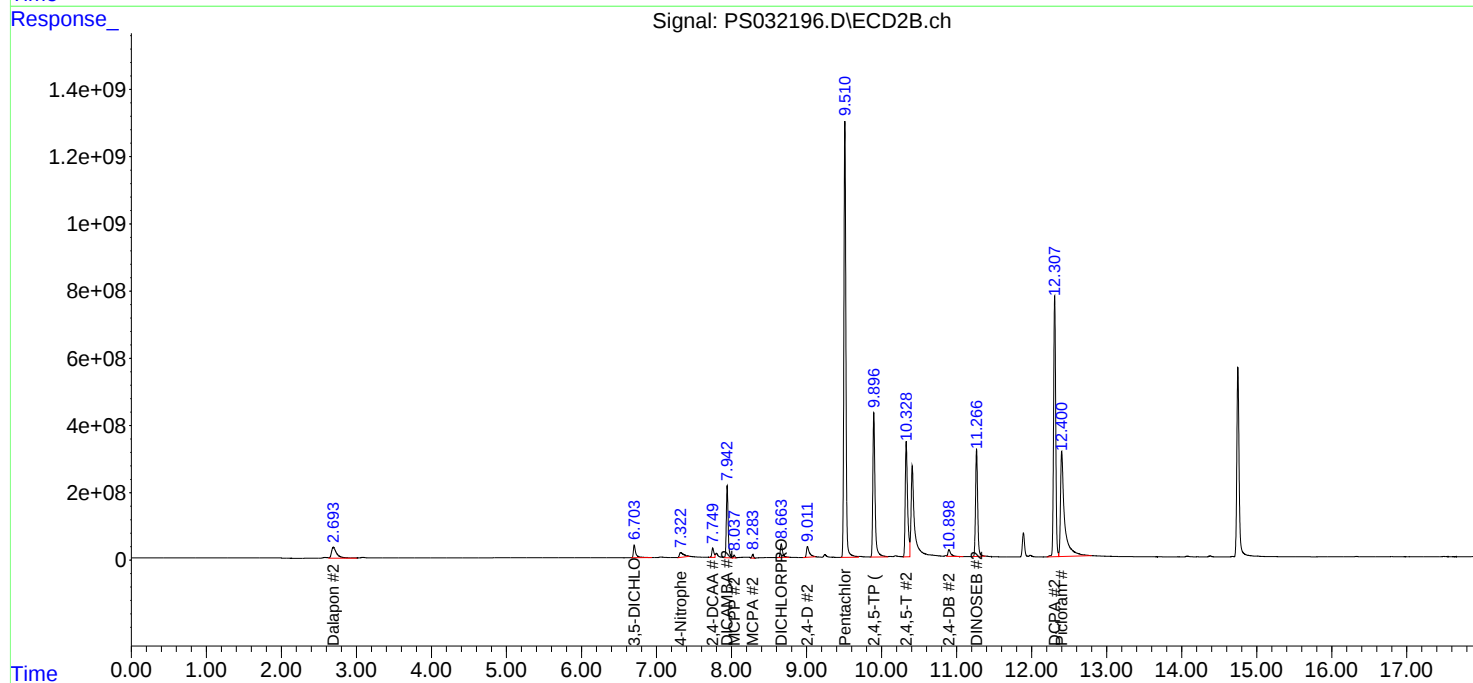
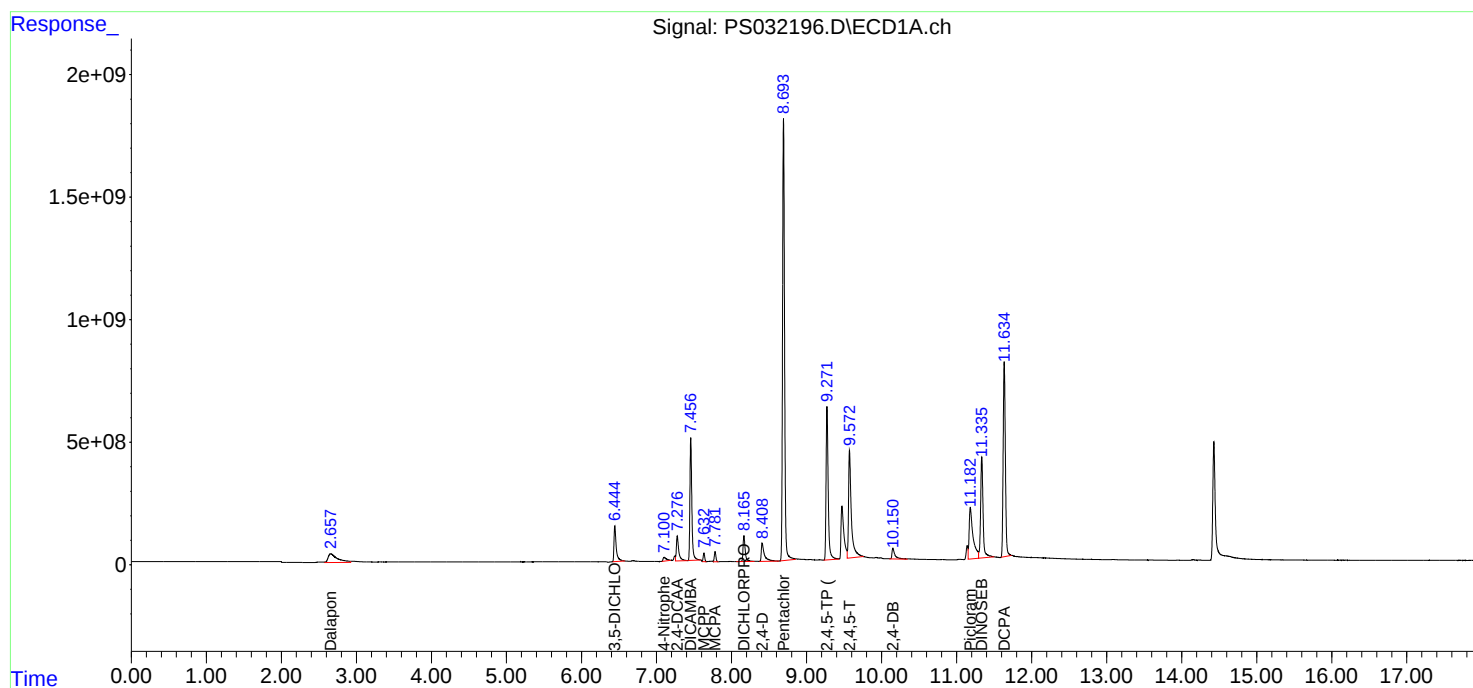
Reviewed By :Abdul Mirza 10/28/2025  
Supervised By :mohammad ahmed 10/29/2025

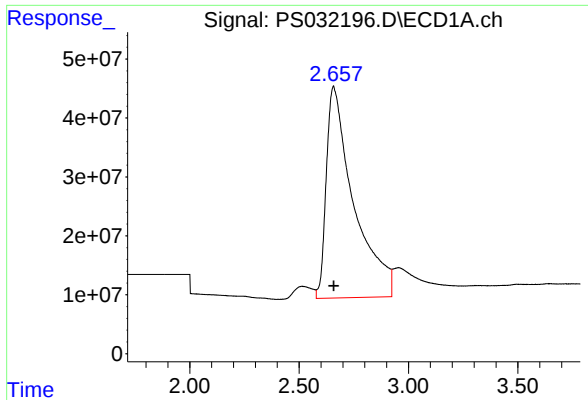
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 06:26:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS102725.M  
Quant Title : 8080.M  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.657 min  
Delta R.T.: -0.001 min  
Response: 3111985746  
Conc: 431.55 ng/ml

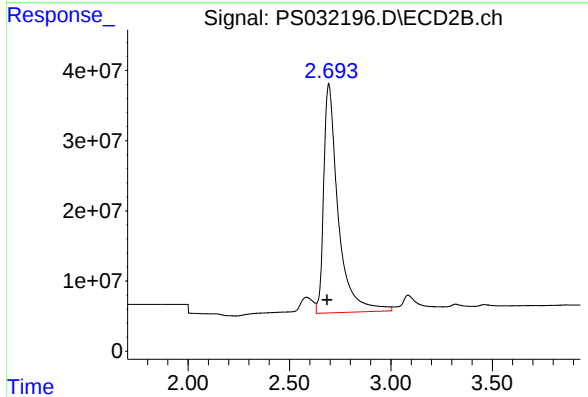
Instrument :  
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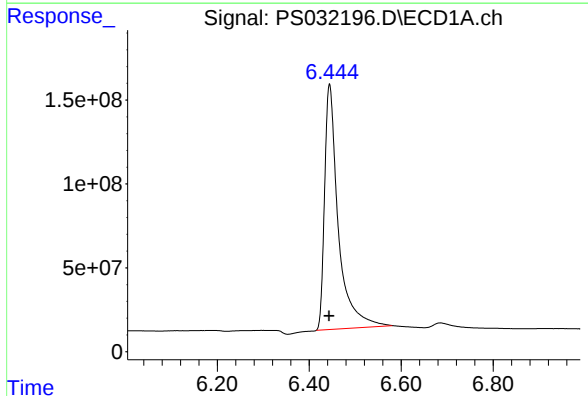
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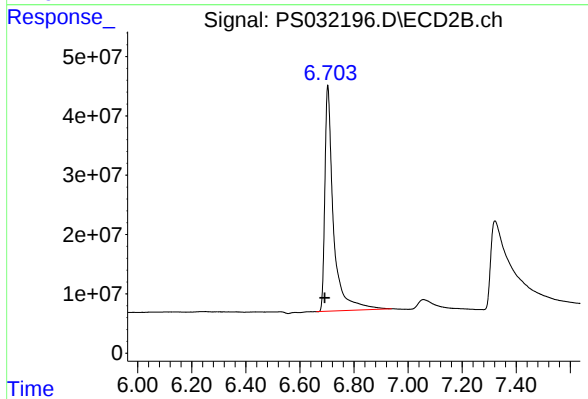
#1 Dalapon

R.T.: 2.693 min  
Delta R.T.: 0.008 min  
Response: 1623040444  
Conc: 441.29 ng/ml



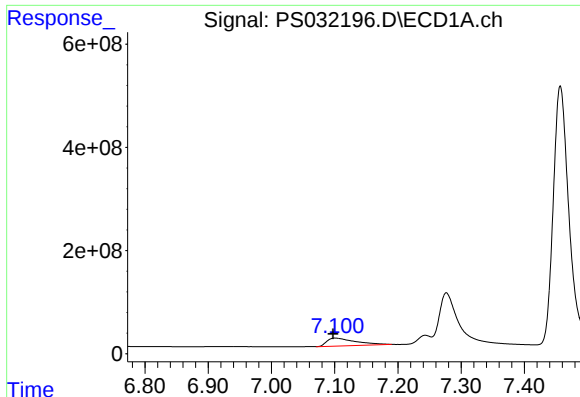
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.444 min  
Delta R.T.: 0.001 min  
Response: 3023362007  
Conc: 478.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.703 min  
Delta R.T.: 0.011 min  
Response: 843506082  
Conc: 448.20 ng/ml



#3 4-Nitrophenol

R.T.: 7.100 min  
Delta R.T.: 0.002 min  
Response: 477951394  
Conc: 440.49 ng/ml

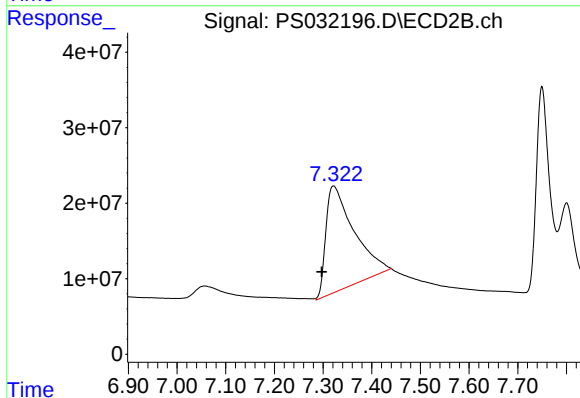
Instrument :  
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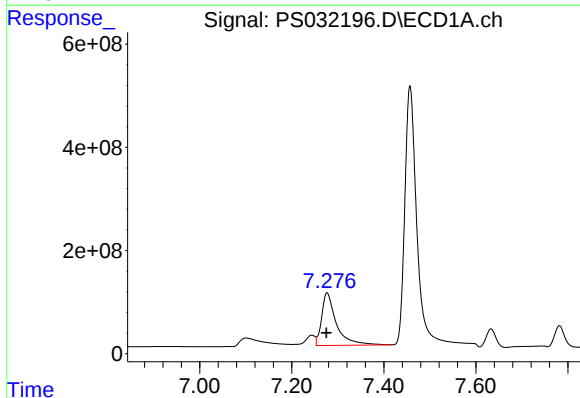
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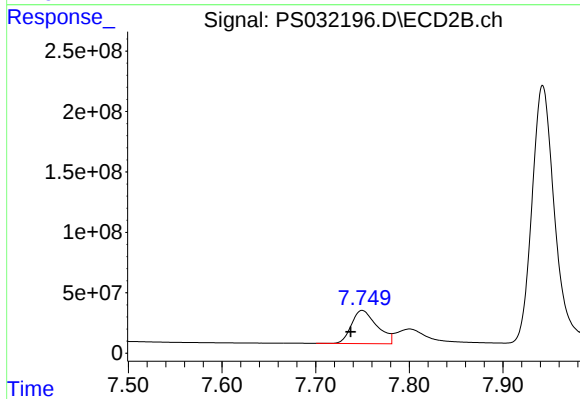
#3 4-Nitrophenol

R.T.: 7.322 min  
Delta R.T.: 0.024 min  
Response: 561422575  
Conc: 353.91 ng/ml m



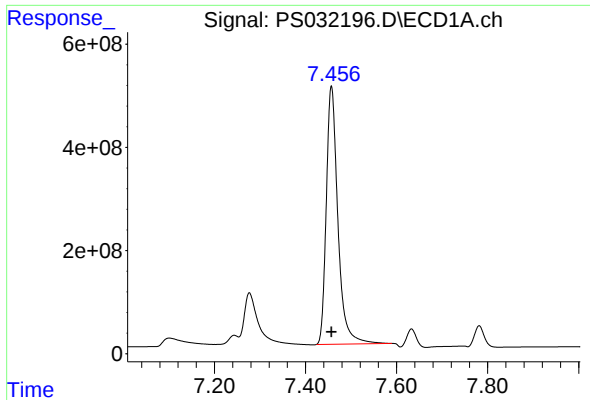
#4 2,4-DCAA

R.T.: 7.277 min  
Delta R.T.: 0.002 min  
Response: 2269194866  
Conc: 524.83 ng/ml



#4 2,4-DCAA

R.T.: 7.750 min  
Delta R.T.: 0.012 min  
Response: 520962867  
Conc: 476.40 ng/ml



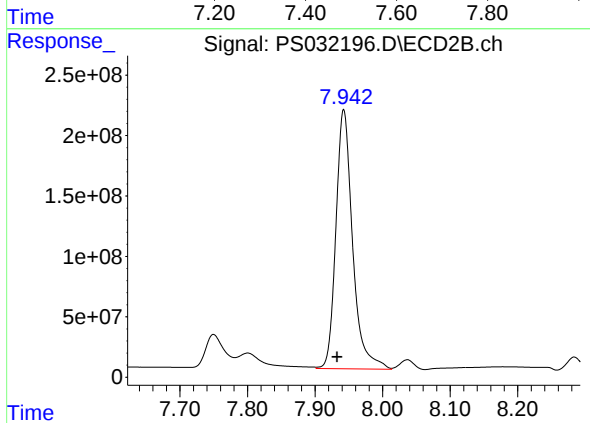
#5 DICAMBA

R.T.: 7.457 min  
Delta R.T.: 0.000 min  
Response: 8856484780  
Conc: 479.41 ng/ml

Instrument :  
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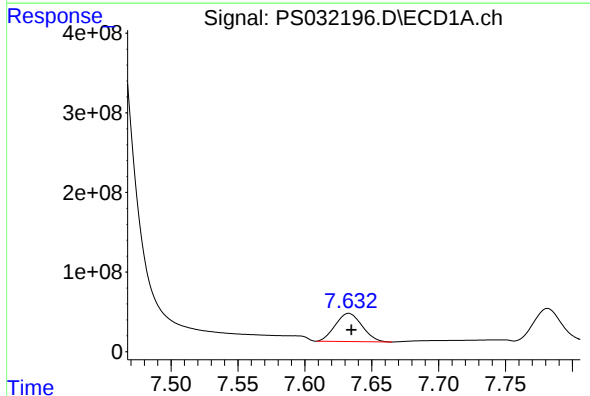


#5 DICAMBA

R.T.: 7.942 min  
Delta R.T.: 0.010 min  
Response: 3688408013  
Conc: 451.68 ng/ml

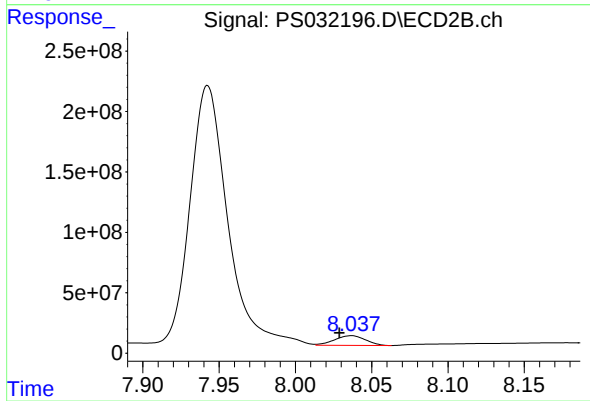
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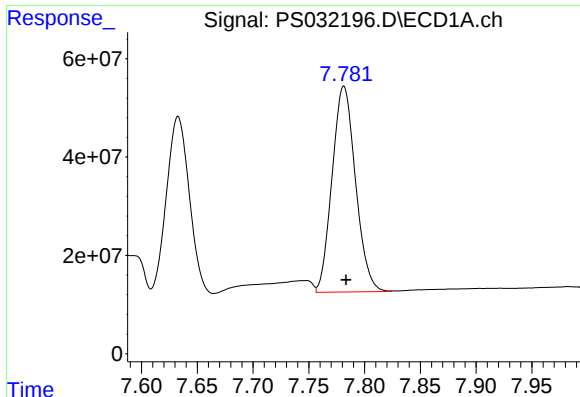
#6 MCPP

R.T.: 7.633 min  
Delta R.T.: -0.002 min  
Response: 492998684  
Conc: 45.79 ug/ml



#6 MCPP

R.T.: 8.037 min  
Delta R.T.: 0.008 min  
Response: 112621954  
Conc: 44.04 ug/ml



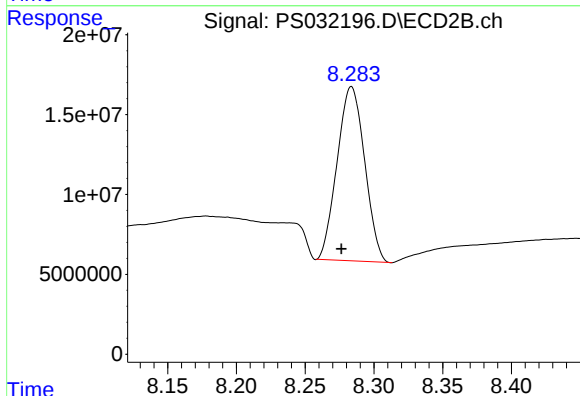
#7 MCPA

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 610923282  
Conc: 46.92 ug/ml

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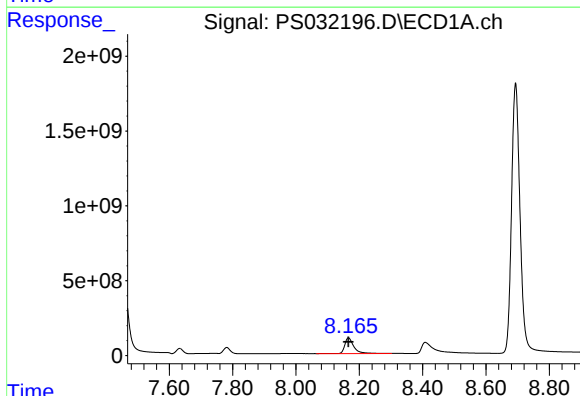


#7 MCPA

R.T.: 8.284 min  
Delta R.T.: 0.007 min  
Response: 151949991  
Conc: 43.39 ug/ml

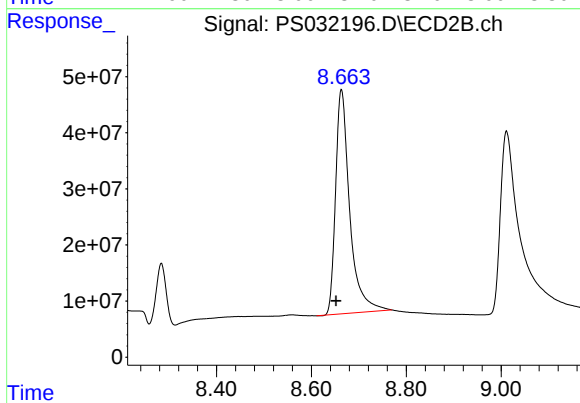
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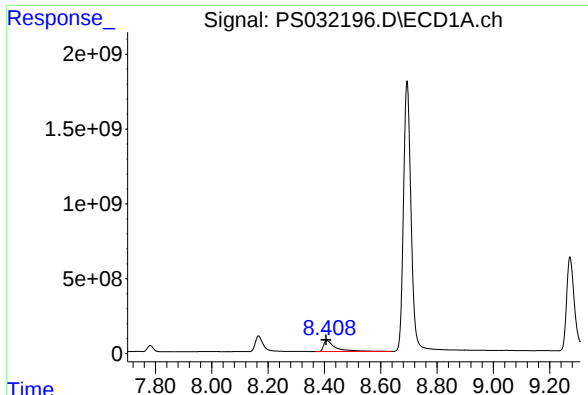
#8 DICHLORPROP

R.T.: 8.166 min  
Delta R.T.: 0.000 min  
Response: 2079679029  
Conc: 478.11 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min  
Delta R.T.: 0.011 min  
Response: 826699262  
Conc: 449.93 ng/ml



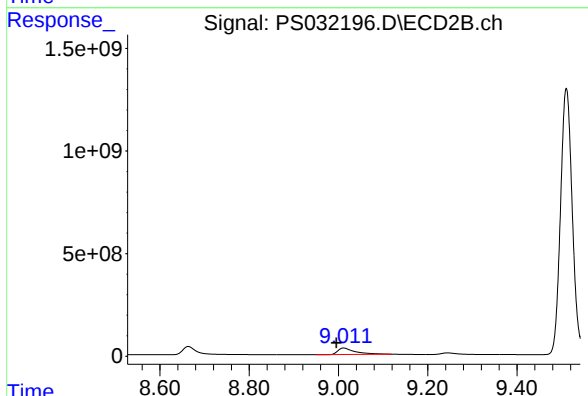
#9 2,4-D

R.T.: 8.408 min  
Delta R.T.: 0.003 min  
Response: 2116917957  
Conc: 510.91 ng/ml

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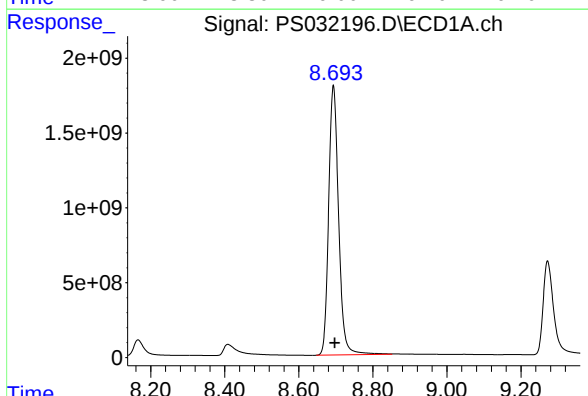


#9 2,4-D

R.T.: 9.011 min  
Delta R.T.: 0.016 min  
Response: 851409386  
Conc: 440.99 ng/ml

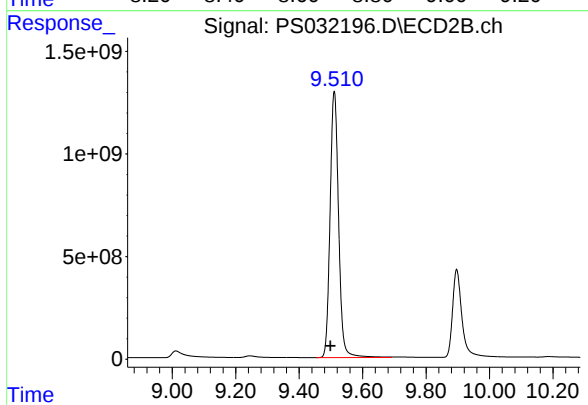
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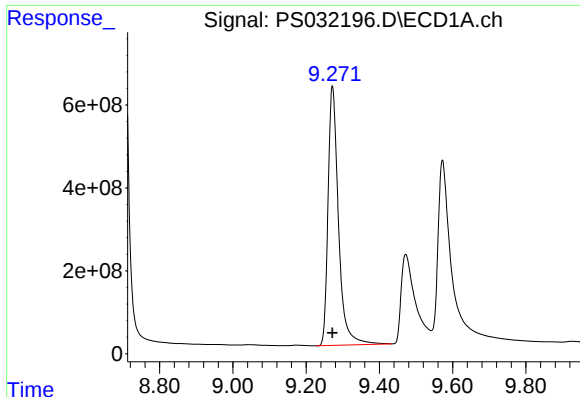
#10 Pentachlorophenol

R.T.: 8.693 min  
Delta R.T.: -0.004 min  
Response: 33616803676  
Conc: 544.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min  
Delta R.T.: 0.012 min  
Response: 24220386489  
Conc: 498.72 ng/ml



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

R.T.: 9.272 min  
Delta R.T.: 0.000 min  
Response: 12373616765  
Conc: 501.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PB170269BS

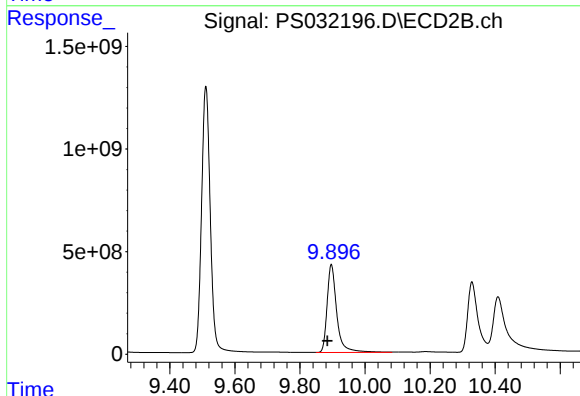
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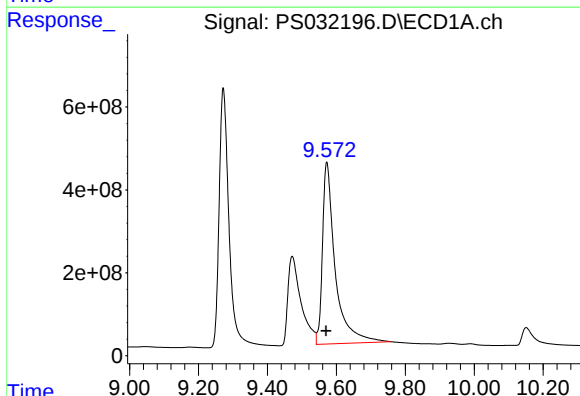
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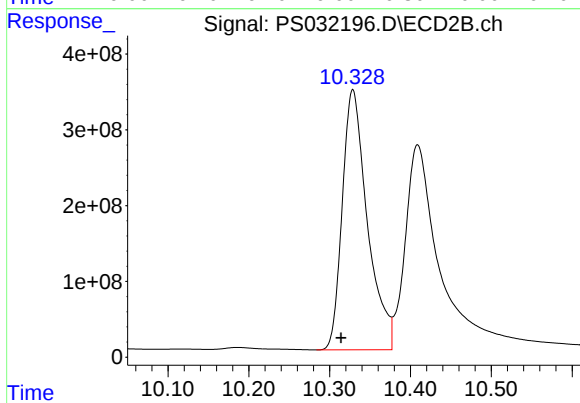
#11 2,4,5-TP (SILVEX)

R.T.: 9.896 min  
Delta R.T.: 0.012 min  
Response: 8857093967  
Conc: 468.58 ng/ml



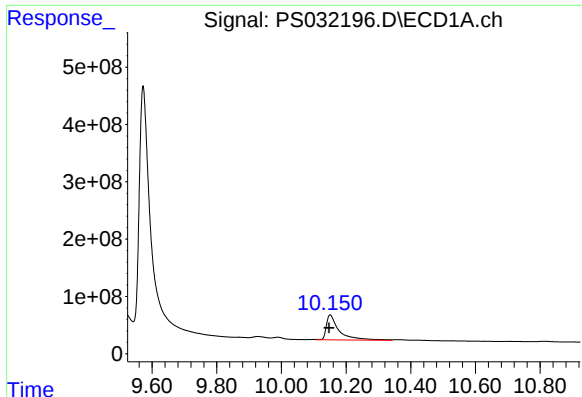
#12 2,4,5-T

R.T.: 9.572 min  
Delta R.T.: 0.002 min  
Response: 11290145217  
Conc: 542.00 ng/ml



#12 2,4,5-T

R.T.: 10.329 min  
Delta R.T.: 0.015 min  
Response: 7416359211  
Conc: 459.88 ng/ml



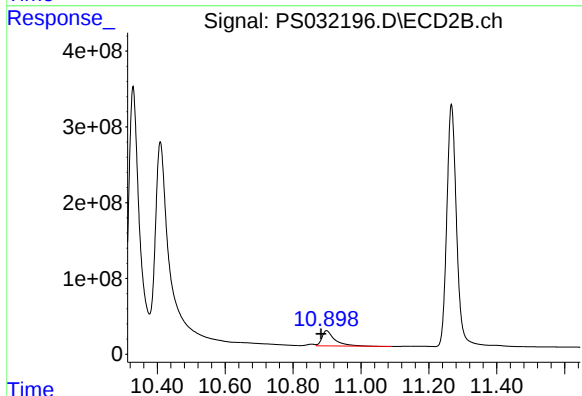
#13 2,4-DB

R.T.: 10.151 min  
Delta R.T.: 0.003 min  
Response: 1208113831  
Conc: 524.97 ng/ml

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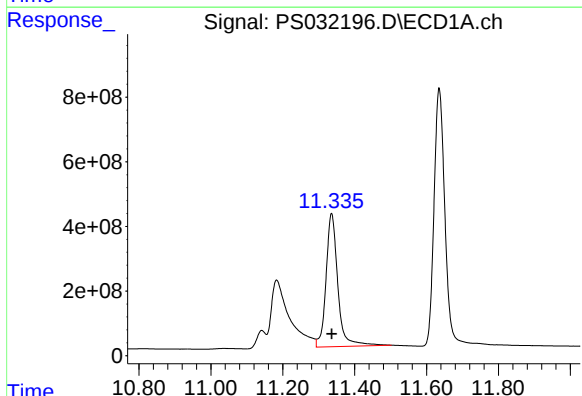


#13 2,4-DB

R.T.: 10.899 min  
Delta R.T.: 0.016 min  
Response: 526424234  
Conc: 381.52 ng/ml

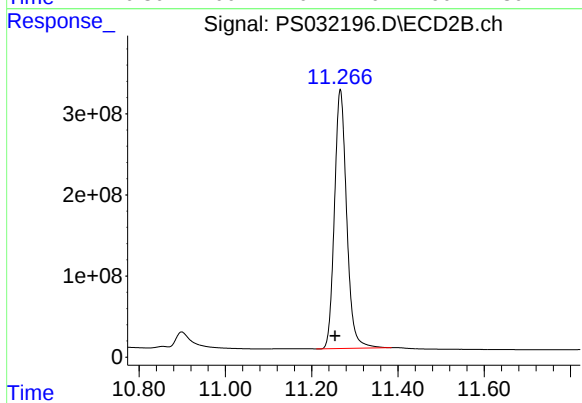
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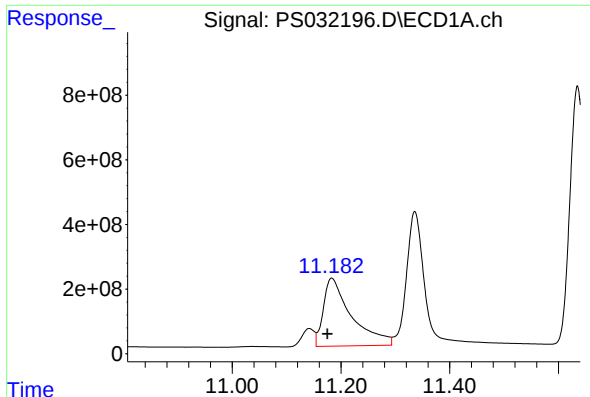
#14 DINOSEB

R.T.: 11.336 min  
Delta R.T.: 0.000 min  
Response: 9389599075  
Conc: 489.04 ng/ml



#14 DINOSEB

R.T.: 11.266 min  
Delta R.T.: 0.012 min  
Response: 6270648872  
Conc: 454.72 ng/ml



#15 Picloram

R.T.: 11.183 min  
Delta R.T.: 0.008 min  
Response: 7543125651  
Conc: 400.56 ng/ml

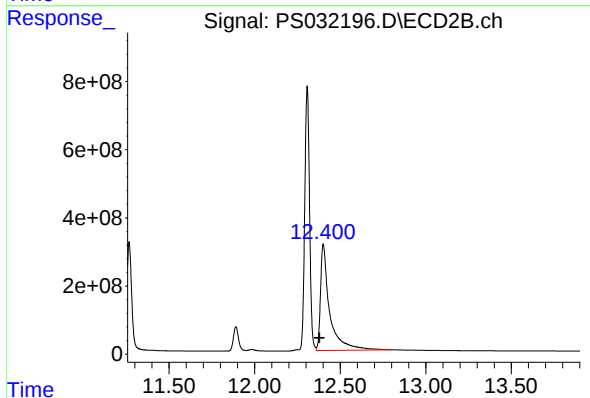
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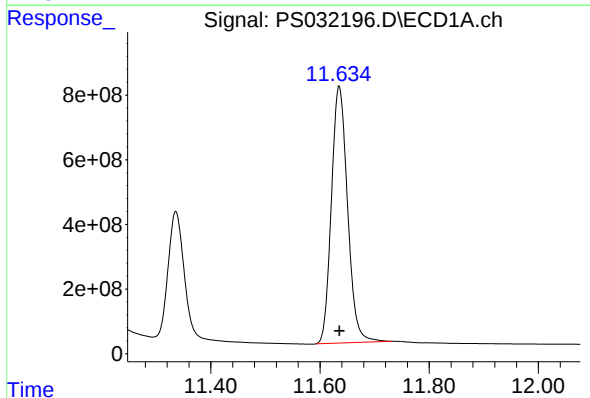
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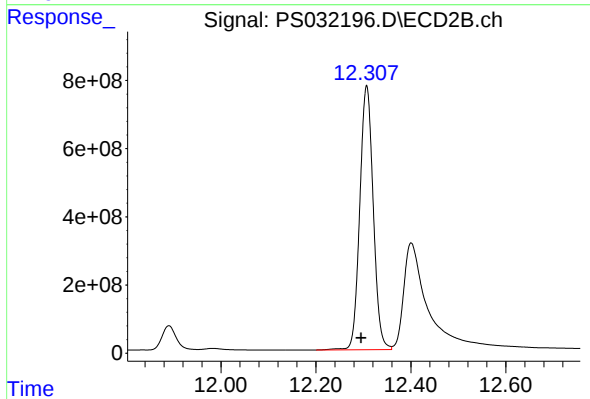
#15 Picloram

R.T.: 12.401 min  
Delta R.T.: 0.022 min  
Response: 11668271729  
Conc: 401.40 ng/ml



#16 DCPA

R.T.: 11.635 min  
Delta R.T.: 0.000 min  
Response: 16327857932  
Conc: 509.60 ng/ml



#16 DCPA

R.T.: 12.307 min  
Delta R.T.: 0.012 min  
Response: 15242825356  
Conc: 489.50 ng/ml