

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS101824\  
 Data File : PS027982.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2024 12:53  
 Operator : AR\AJ  
 Sample : P4398-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 IDW-01MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/21/2024  
 Supervised By : Ankita Jodhani 10/21/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 00:58:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100724.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 07 13:46:03 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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     | 7.091  | 7.618  | 572.4E6   | 164.1E6  | 212.456  | 165.107   |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.544  | 2.618  | 1746.6E6  | 701.3E6  | 389.177  | 421.021   |
| 2) T                        | 3,5-DICHL... | 6.283  | 6.589  | 1398.5E6  | 445.6E6  | 352.088  | 325.846   |
| 5) T                        | DICAMBA      | 7.269  | 7.811  | 4680.3E6  | 1318.1E6 | 429.021  | 379.080   |
| 6) T                        | MCP          | 7.447  | 7.914  | 367.2E6   | 97897997 | 49.375m  | 35.570 #  |
| 7) T                        | MCPA         | 7.591  | 8.153  | 495.7E6   | 295.0E6  | 46.802   | 58.969 #  |
| 8) T                        | DICHLORPROP  | 7.955  | 8.514  | 1337.0E6  | 418.1E6  | 467.202  | 423.669m  |
| 9) T                        | 2,4-D        | 8.177  | 8.841  | 1724.5E6  | 568.9E6  | 512.640  | 567.586   |
| 10) T                       | Pentachlo... | 8.463  | 9.354  | 8743.8E6  | 2282.3E6 | 225.044  | 165.158 # |
| 11) T                       | 2,4,5-TP ... | 9.027  | 9.733  | 9565.2E6  | 3901.8E6 | 606.708  | 787.559m# |
| 12) T                       | 2,4,5-T      | 9.313  | 10.145 | 7846.7E6  | 1969.2E6 | 485.183  | 457.384   |
| 13) T                       | 2,4-DB       | 9.876  | 10.697 | 990.2E6   | 195.7E6  | 381.770m | 386.522m  |
| 14) T                       | DINOSEB      | 11.051 | 11.078 | 1623.2E6  | 454.5E6  | 153.963  | 134.560m  |
| 15) T                       | Picloram     | 10.867 | 12.149 | 8946.5E6  | 1598.4E6 | 415.587  | 382.622m  |
| 16) T                       | DCPA         | 11.349 | 12.113 | 10517.0E6 | 2554.4E6 | 592.143  | 532.140m  |
| -----                       |              |        |        |           |          |          |           |

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

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Data File : PS027982.D  
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Acq On : 18 Oct 2024 12:53  
Operator : AR\AJ  
Sample : P4398-01MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

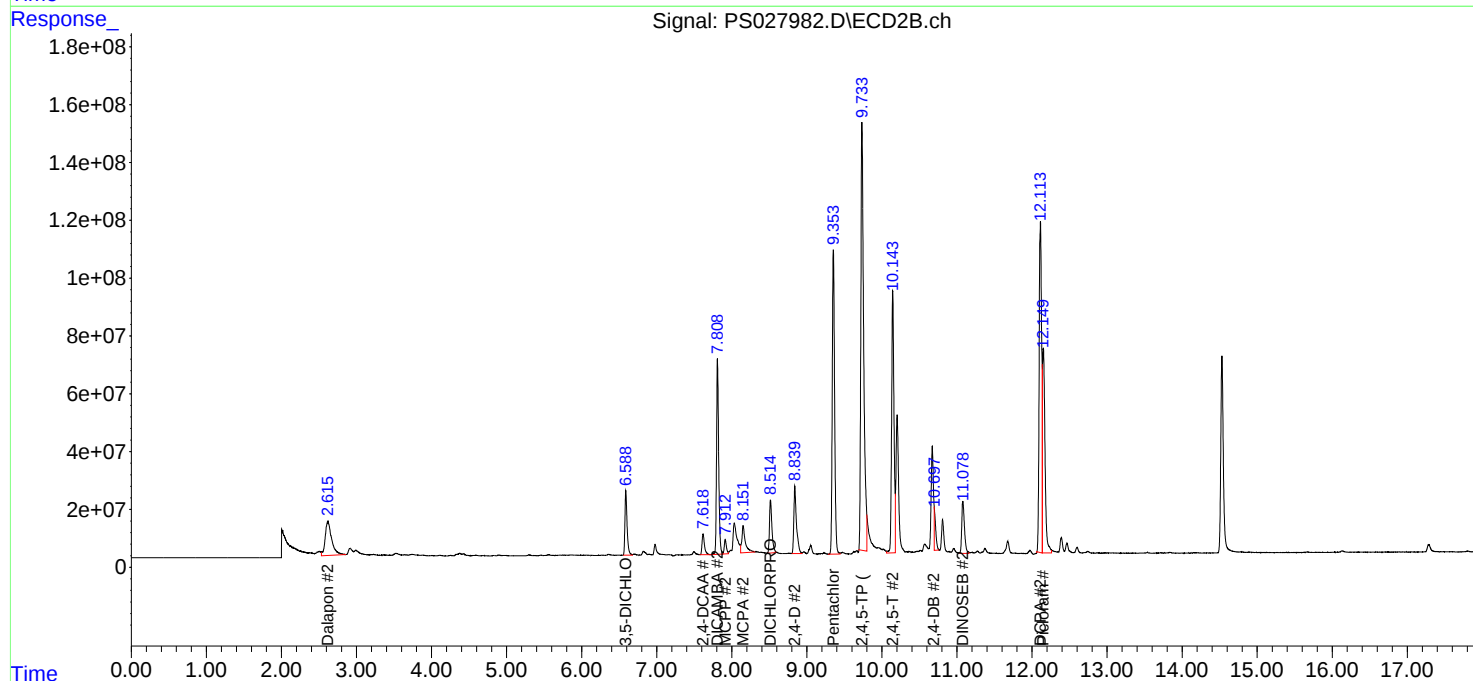
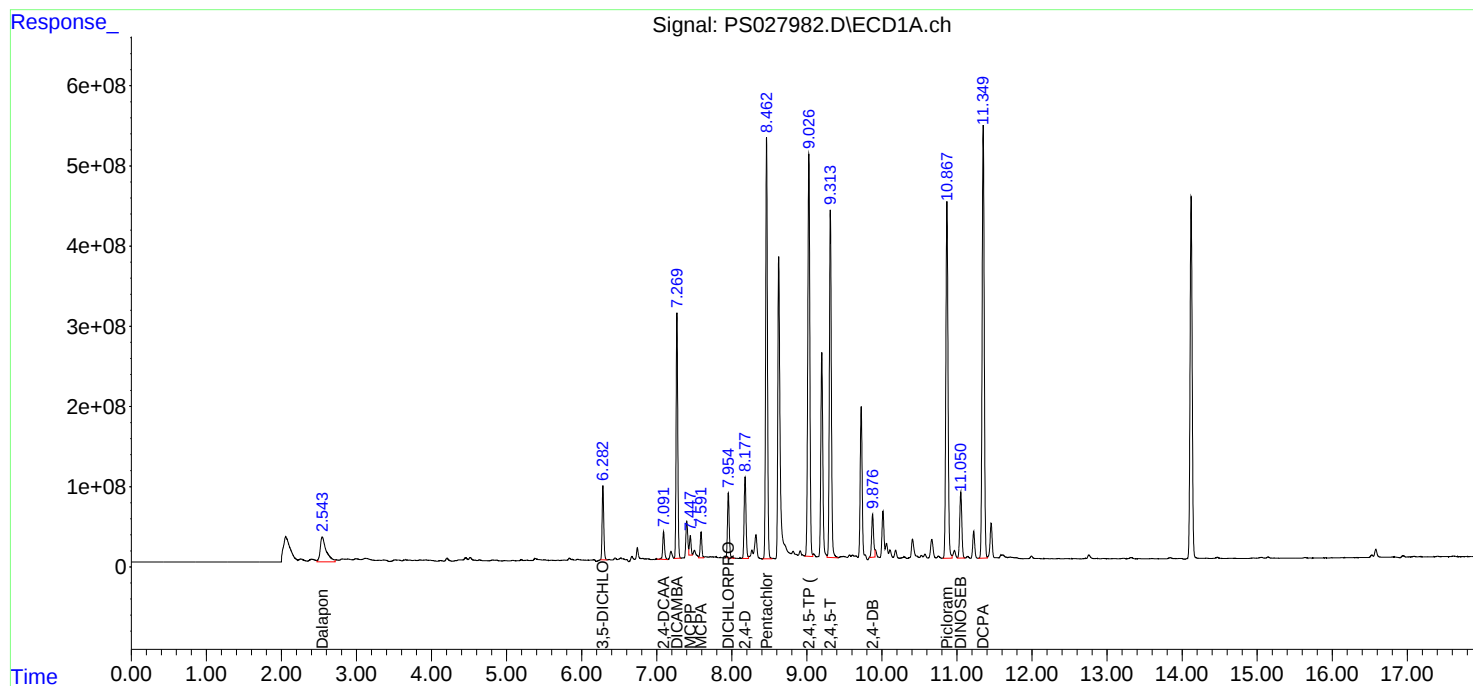
Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

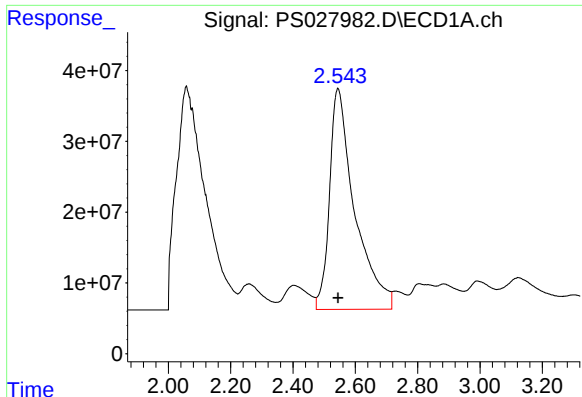
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 00:58:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100724.M  
Quant Title : 8080.M  
QLast Update : Mon Oct 07 13:46:03 2024  
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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





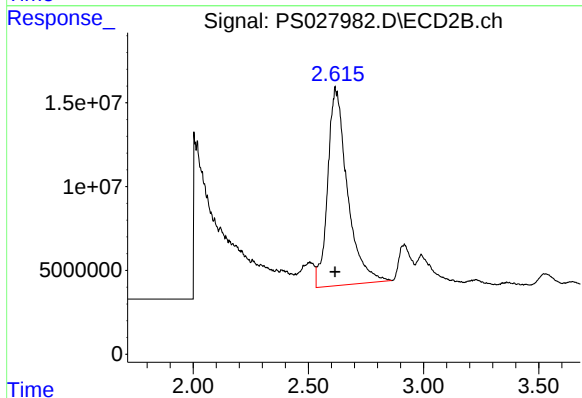
#1 Dalapon

R.T.: 2.544 min  
Delta R.T.: 0.000 min  
Response: 1746590900  
Conc: 389.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

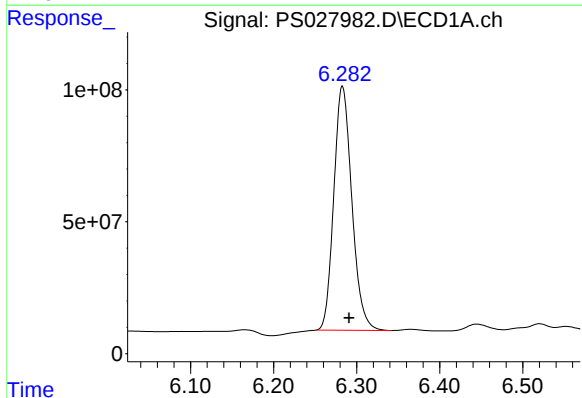
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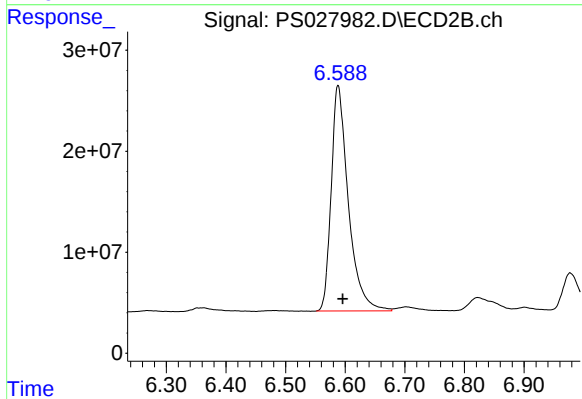
#1 Dalapon

R.T.: 2.618 min  
Delta R.T.: 0.002 min  
Response: 701286003  
Conc: 421.02 ng/ml



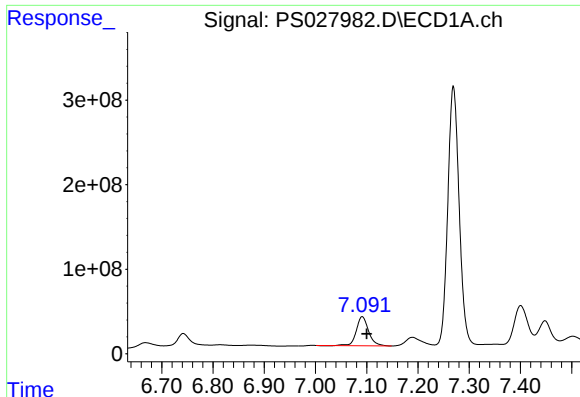
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.283 min  
Delta R.T.: -0.008 min  
Response: 1398549172  
Conc: 352.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.589 min  
Delta R.T.: -0.007 min  
Response: 445579329  
Conc: 325.85 ng/ml



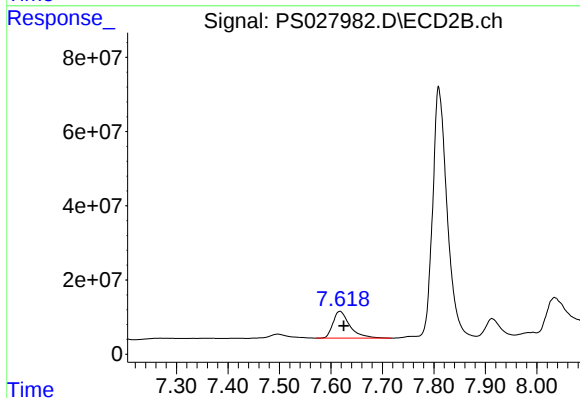
#4 2,4-DCAA

R.T.: 7.091 min  
Delta R.T.: -0.009 min  
Response: 572417978  
Conc: 212.46 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

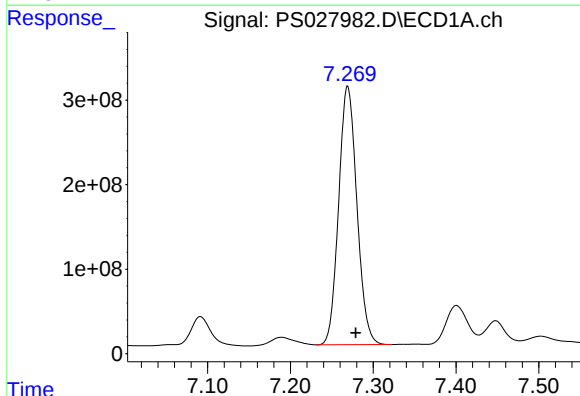
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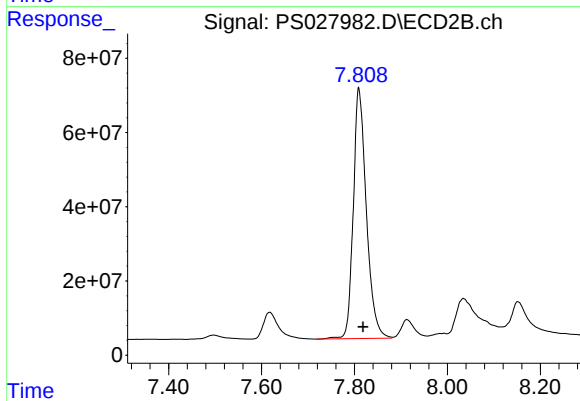
#4 2,4-DCAA

R.T.: 7.618 min  
Delta R.T.: -0.007 min  
Response: 164064268  
Conc: 165.11 ng/ml



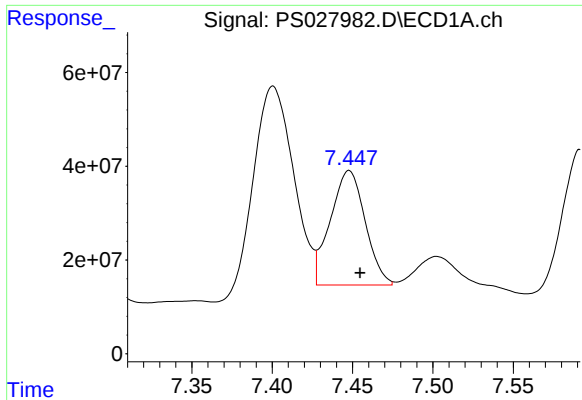
#5 DICAMBA

R.T.: 7.269 min  
Delta R.T.: -0.010 min  
Response: 4680254113  
Conc: 429.02 ng/ml



#5 DICAMBA

R.T.: 7.811 min  
Delta R.T.: -0.008 min  
Response: 1318127013  
Conc: 379.08 ng/ml



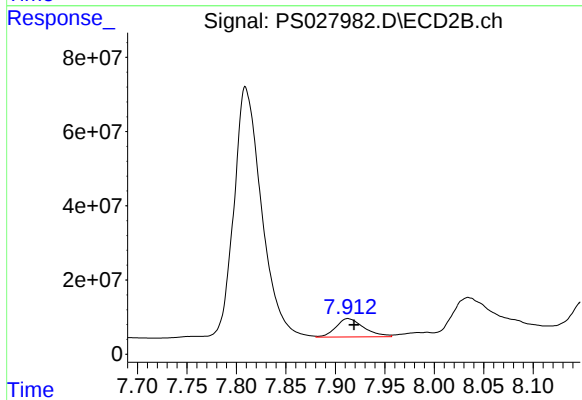
#6 MCPP

R.T.: 7.447 min  
Delta R.T.: -0.007 min  
Response: 367195117  
Conc: 49.37 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

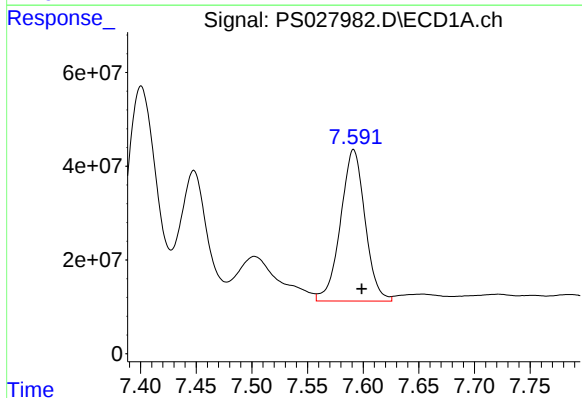
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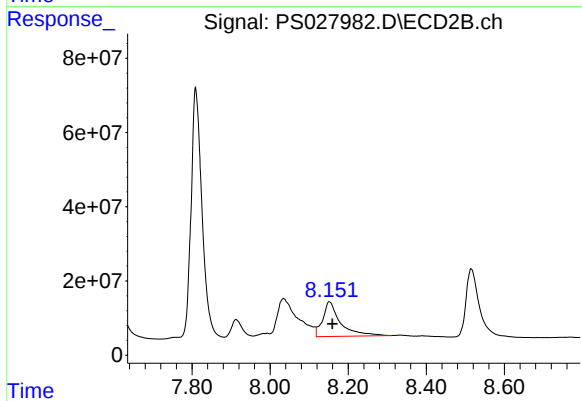
#6 MCPP

R.T.: 7.914 min  
Delta R.T.: -0.005 min  
Response: 97897997  
Conc: 35.57 ug/ml



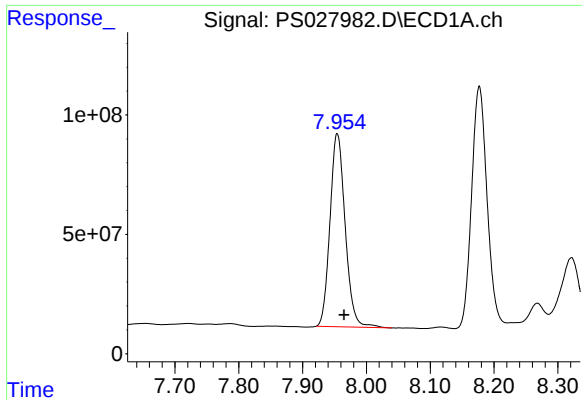
#7 MCPA

R.T.: 7.591 min  
Delta R.T.: -0.007 min  
Response: 495707307  
Conc: 46.80 ug/ml



#7 MCPA

R.T.: 8.153 min  
Delta R.T.: -0.007 min  
Response: 294986759  
Conc: 58.97 ug/ml



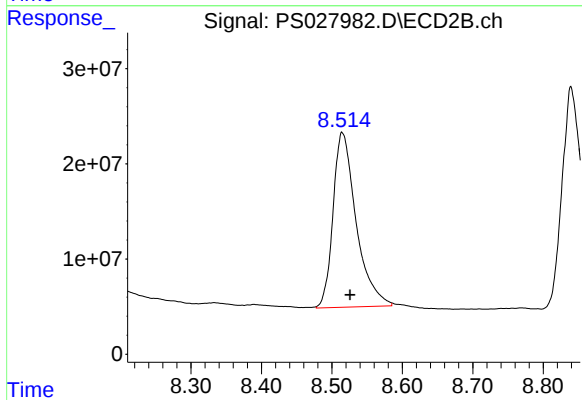
#8 DICHLORPROP

R.T.: 7.955 min  
Delta R.T.: -0.011 min  
Response: 1337015530  
Conc: 467.20 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

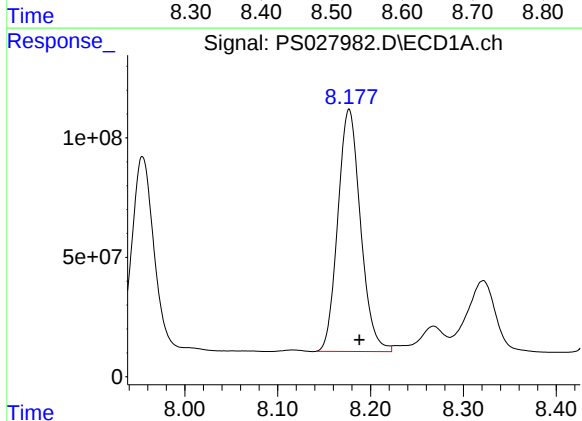
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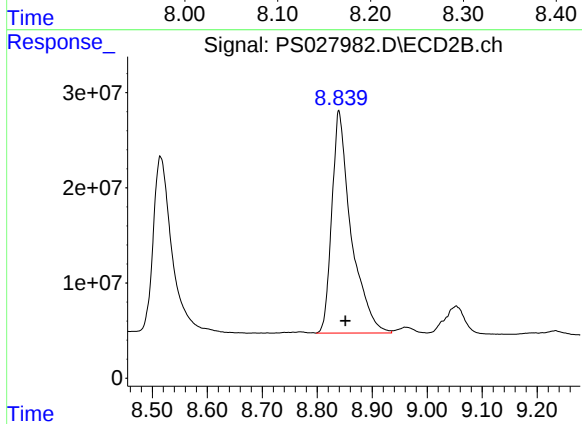
#8 DICHLORPROP

R.T.: 8.514 min  
Delta R.T.: -0.012 min  
Response: 418138296  
Conc: 423.67 ng/ml m



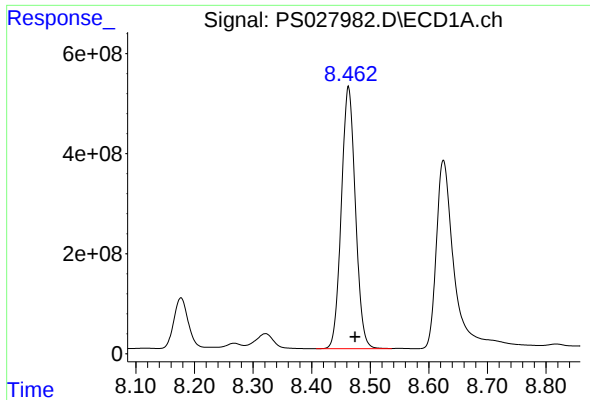
#9 2,4-D

R.T.: 8.177 min  
Delta R.T.: -0.011 min  
Response: 1724538184  
Conc: 512.64 ng/ml



#9 2,4-D

R.T.: 8.841 min  
Delta R.T.: -0.011 min  
Response: 568879126  
Conc: 567.59 ng/ml



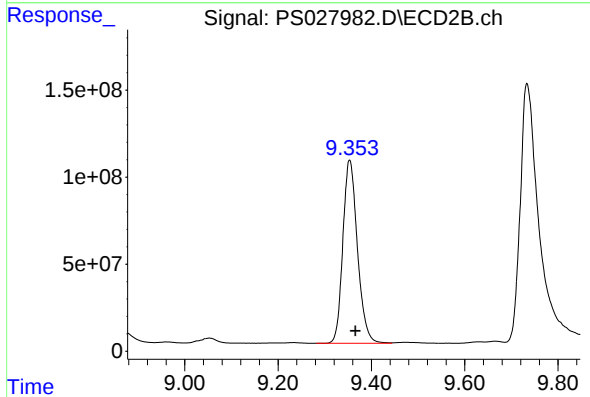
#10 Pentachlorophenol

R.T.: 8.463 min  
Delta R.T.: -0.011 min  
Response: 8743805003  
Conc: 225.04 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

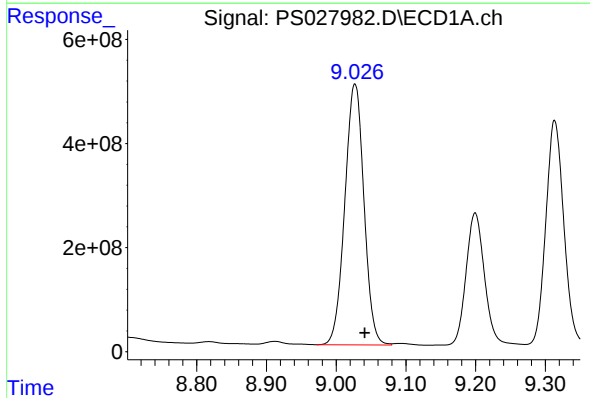
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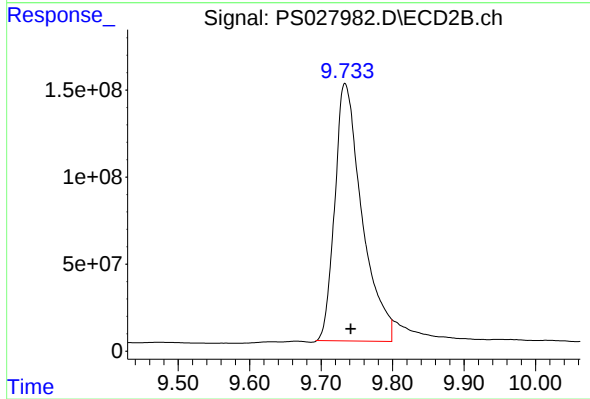
#10 Pentachlorophenol

R.T.: 9.354 min  
Delta R.T.: -0.012 min  
Response: 2282316884  
Conc: 165.16 ng/ml



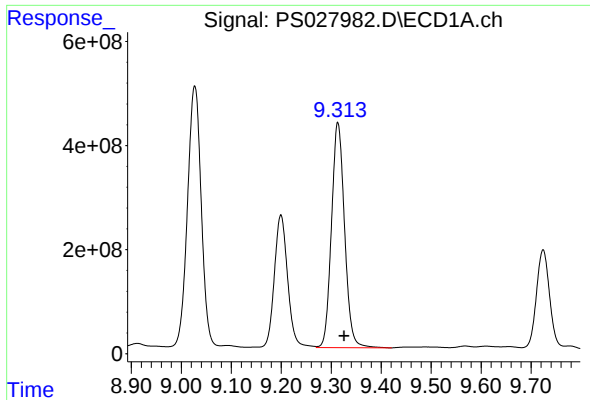
#11 2,4,5-TP (SILVEX)

R.T.: 9.027 min  
Delta R.T.: -0.014 min  
Response: 9565217007  
Conc: 606.71 ng/ml



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

R.T.: 9.733 min  
Delta R.T.: -0.009 min  
Response: 3901773403  
Conc: 787.56 ng/ml m



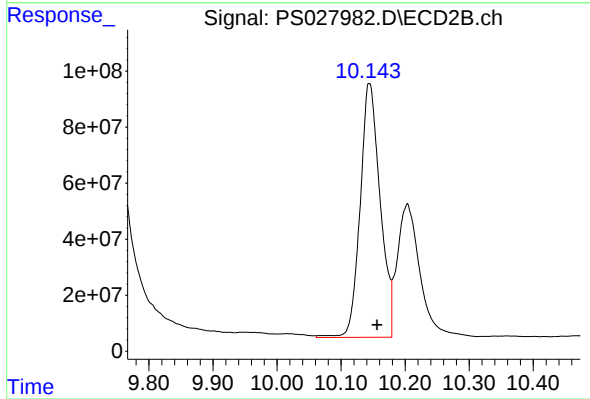
#12 2,4,5-T

R.T.: 9.313 min  
Delta R.T.: -0.013 min  
Response: 7846695065  
Conc: 485.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
IDW-01MS

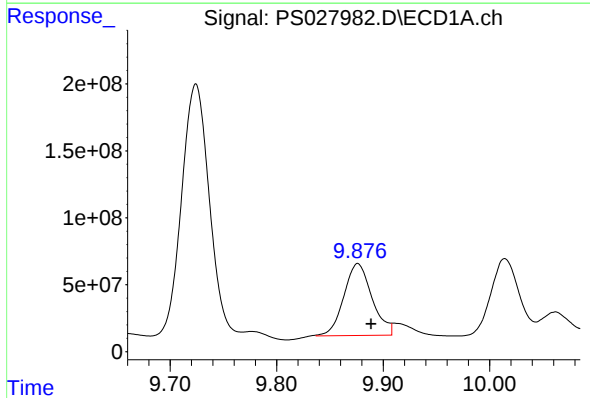
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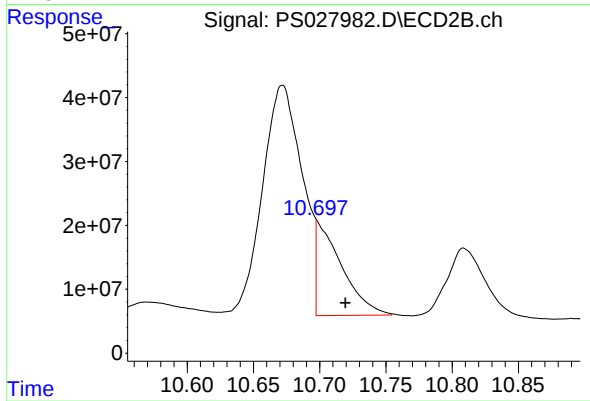
#12 2,4,5-T

R.T.: 10.145 min  
Delta R.T.: -0.011 min  
Response: 1969150813  
Conc: 457.38 ng/ml



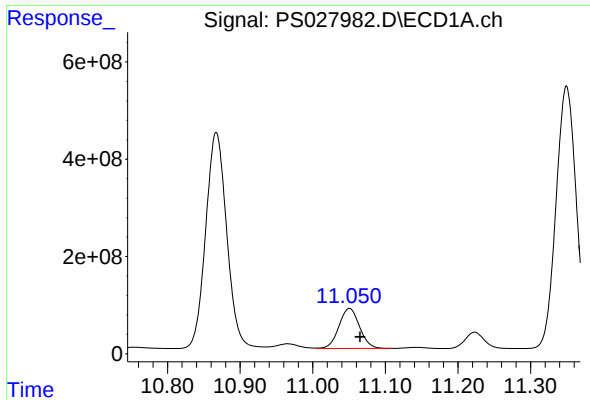
#13 2,4-DB

R.T.: 9.876 min  
Delta R.T.: -0.013 min  
Response: 990190141  
Conc: 381.77 ng/ml m



#13 2,4-DB

R.T.: 10.697 min  
Delta R.T.: -0.022 min  
Response: 195714798  
Conc: 386.52 ng/ml m



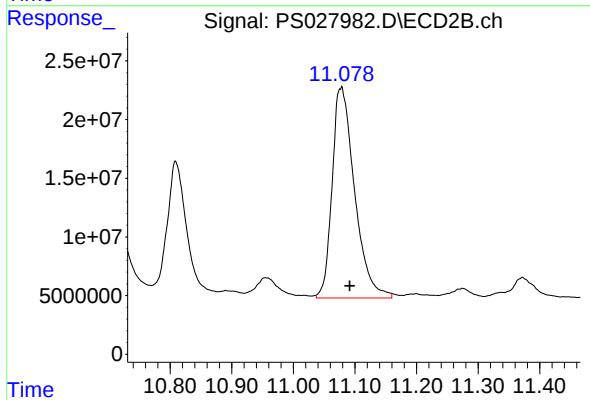
#14 DINOSEB

R.T.: 11.051 min  
Delta R.T.: -0.014 min  
Response: 1623231437  
Conc: 153.96 ng/ml

Instrument :  
ECD\_S  
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IDW-01MS

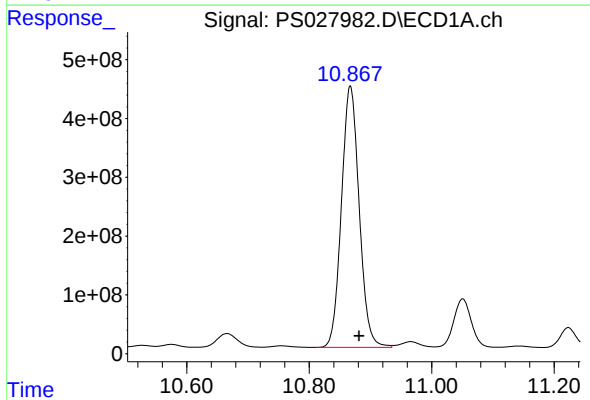
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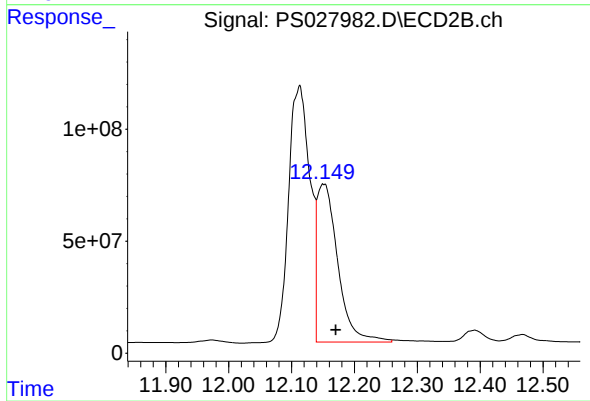
#14 DINOSEB

R.T.: 11.078 min  
Delta R.T.: -0.013 min  
Response: 454548024  
Conc: 134.56 ng/ml m



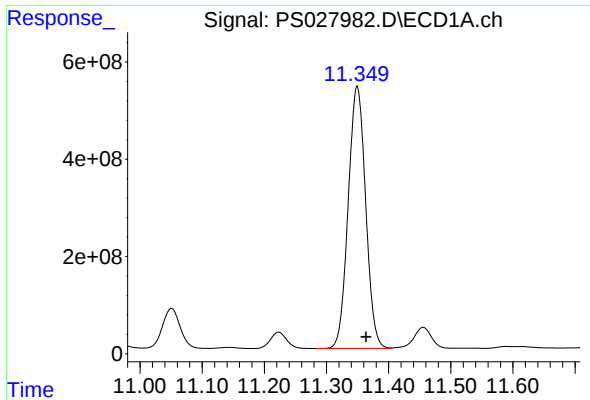
#15 Picloram

R.T.: 10.867 min  
Delta R.T.: -0.014 min  
Response: 8946520575  
Conc: 415.59 ng/ml



#15 Picloram

R.T.: 12.149 min  
Delta R.T.: -0.021 min  
Response: 1598379055  
Conc: 382.62 ng/ml m



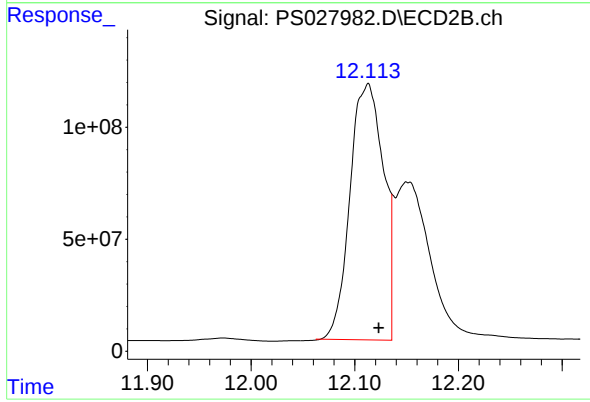
#16 DCPA

R.T.: 11.349 min  
Delta R.T.: -0.015 min  
Response: 10516967995  
Conc: 592.14 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
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#16 DCPA

R.T.: 12.113 min  
Delta R.T.: -0.010 min  
Response: 2554440918  
Conc: 532.14 ng/ml m