

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS103123\  
 Data File : PS024730.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2023 20:14  
 Operator : AR\AJ  
 Sample : 05142-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PSC-124037MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/01/2023  
 Supervised By : mohammad ahmed 11/01/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 00:12:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100323.M  
 Quant Title : 8080.M  
 QLast Update : Tue Oct 03 14:54:54 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     | 6.357  | 6.776  | 952.4E6  | 296.1E6  | 462.941  | 428.354m  |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.476  | 2.537  | 831.0E6  | 338.7E6  | 336.360  | 302.664   |
| 2) T                        | 3,5-DICHL... | 5.732  | 5.964  | 1134.0E6 | 366.2E6  | 361.523  | 337.000   |
| 3) T                        | 4-Nitroph... | 6.195  | 6.391  | 488.8E6  | 162.9E6  | 361.090  | 357.092m  |
| 5) T                        | DICAMBA      | 6.498  | 6.937  | 3321.9E6 | 1045.0E6 | 370.304  | 352.902   |
| 6) T                        | MCPD         | 6.647  | 7.032  | 194.4E6  | 66219173 | 30.690   | 33.603m   |
| 7) T                        | MCPA         | 6.770  | 7.238  | 298.1E6  | 107.9E6  | 33.446   | 33.662    |
| 8) T                        | DICHLORPROP  | 7.085  | 7.552  | 792.7E6  | 269.3E6  | 337.226  | 358.091   |
| 9) T                        | 2,4-D        | 7.282  | 7.834  | 1285.6E6 | 315.8E6  | 465.306  | 343.072m# |
| 10) T                       | Pentachlo... | 7.512  | 8.258  | 7413.9E6 | 2203.4E6 | 228.016  | 202.221   |
| 11) T                       | 2,4,5-TP ... | 8.033  | 8.616  | 4078.2E6 | 1189.8E6 | 294.347  | 280.531m  |
| 12) T                       | 2,4,5-T      | 8.289  | 8.986  | 4421.6E6 | 1307.4E6 | 338.427  | 317.059   |
| 13) T                       | 2,4-DB       | 8.798  | 9.490  | 705.6E6  | 182.9E6  | 345.378  | 358.966   |
| 15) T                       | Picloram     | 9.673  | 10.769 | 5805.0E6 | 2077.7E6 | 332.923m | 334.339   |
| 16) T                       | DCPA         | 10.112 | 10.740 | 7604.9E6 | 2086.2E6 | 446.750  | 399.854   |
| -----                       |              |        |        |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS103123\  
Data File : PS024730.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2023 20:14  
Operator : AR\AJ  
Sample : 05142-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

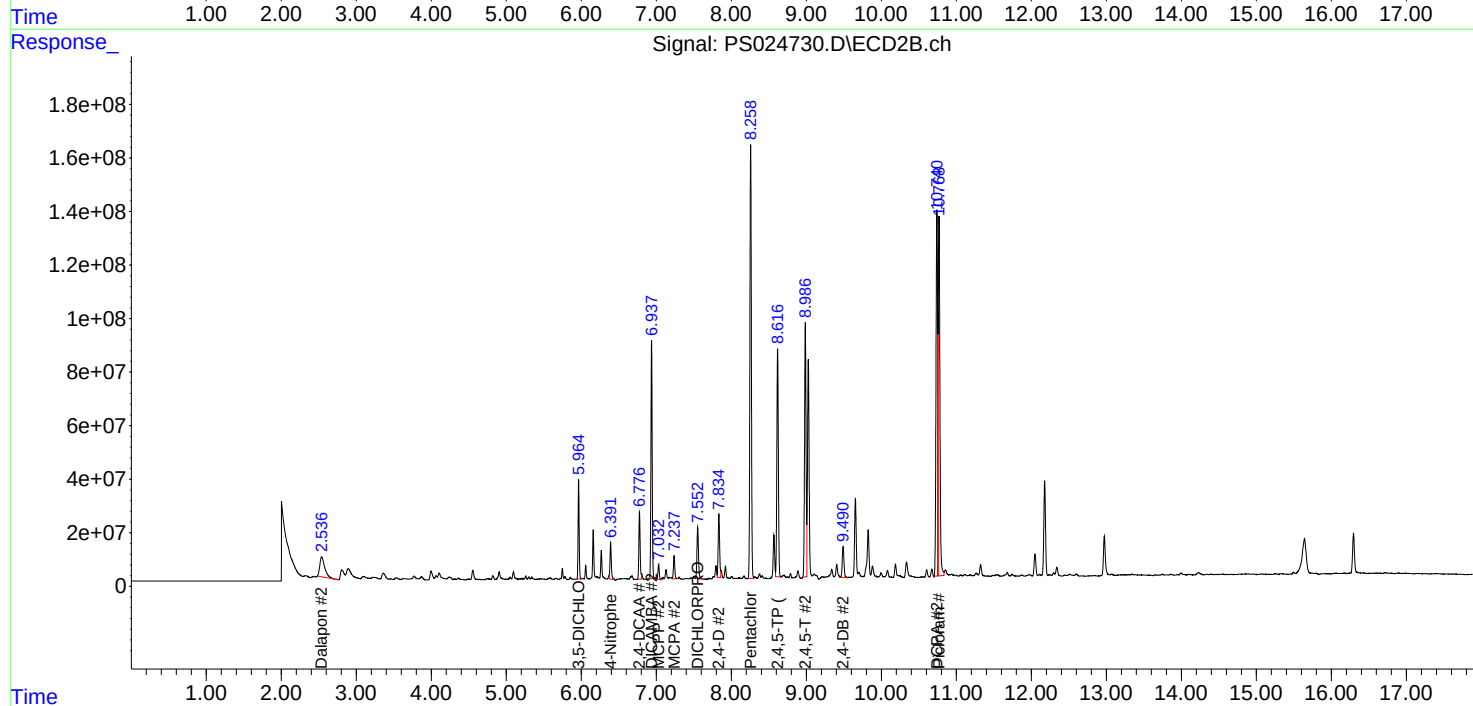
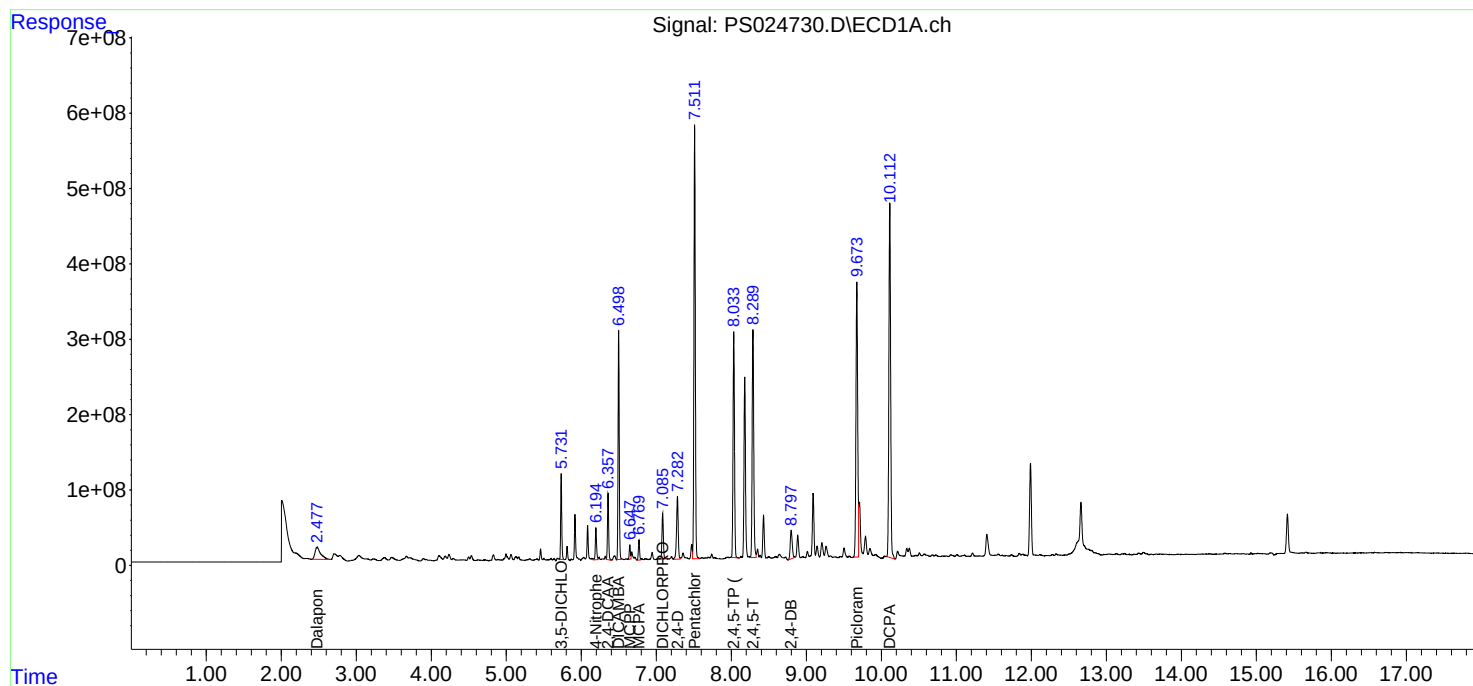
Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

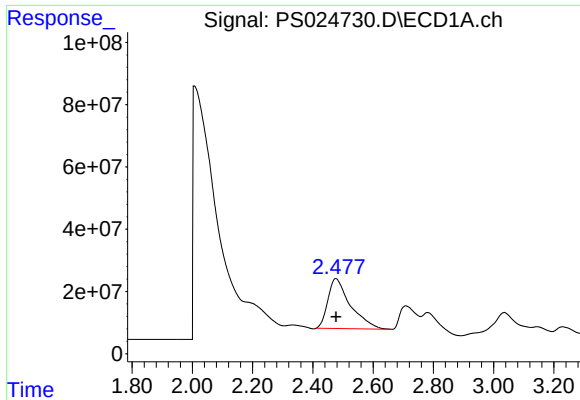
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 00:12:14 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100323.M  
Quant Title : 8080.M  
QLast Update : Tue Oct 03 14:54:54 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





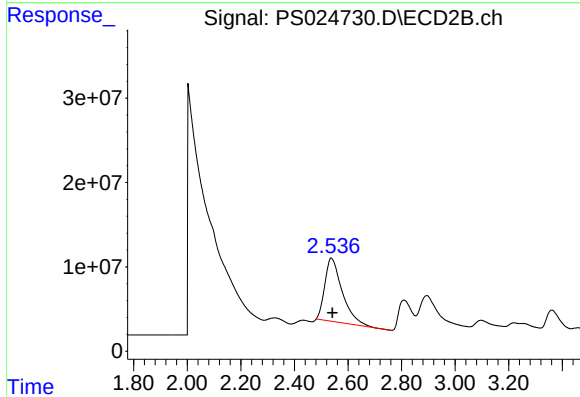
#1 Dalapon

R.T.: 2.476 min  
Delta R.T.: 0.000 min  
Response: 830996589  
Conc: 336.36 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

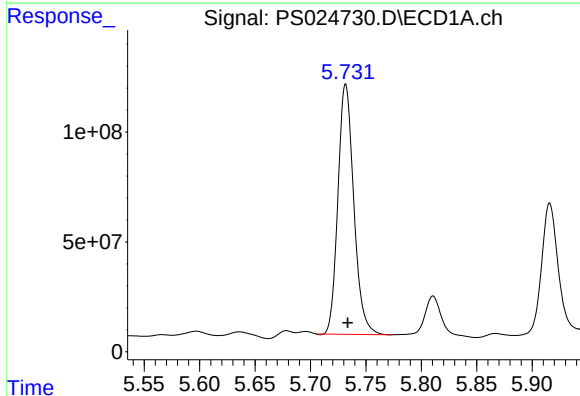
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



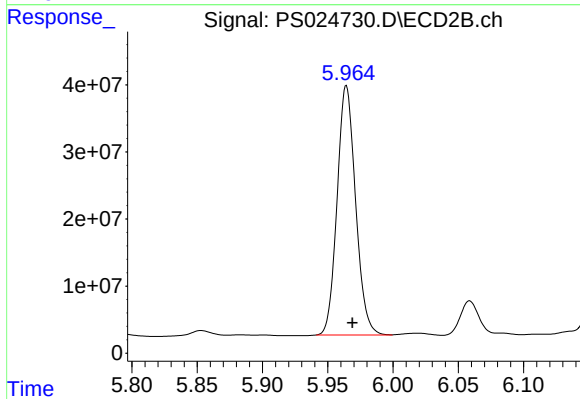
#1 Dalapon

R.T.: 2.537 min  
Delta R.T.: -0.006 min  
Response: 338720989  
Conc: 302.66 ng/ml



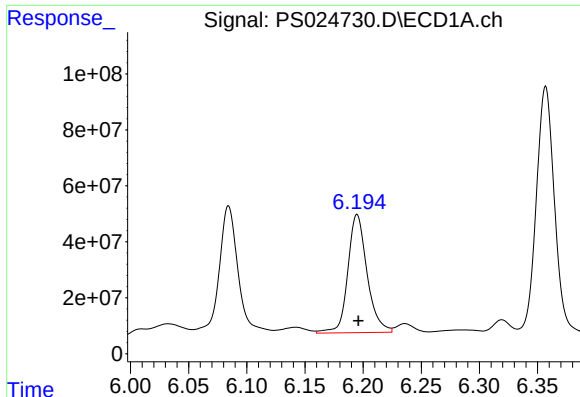
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.732 min  
Delta R.T.: -0.002 min  
Response: 1134019440  
Conc: 361.52 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.964 min  
Delta R.T.: -0.004 min  
Response: 366218175  
Conc: 337.00 ng/ml



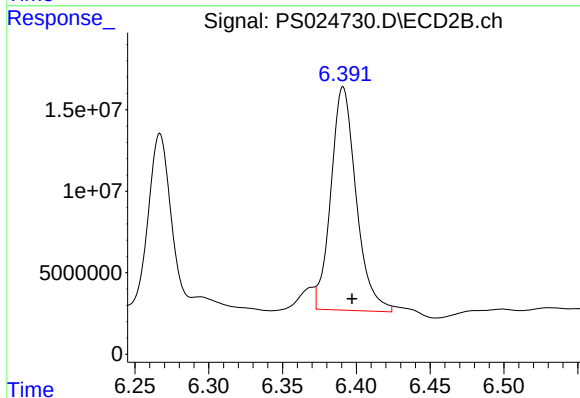
#3 4-Nitrophenol

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 488798017  
Conc: 361.09 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

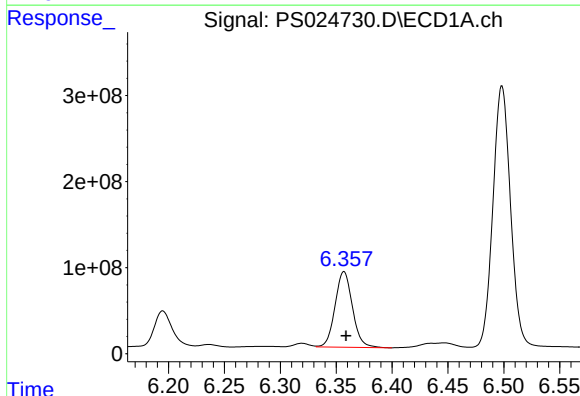
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



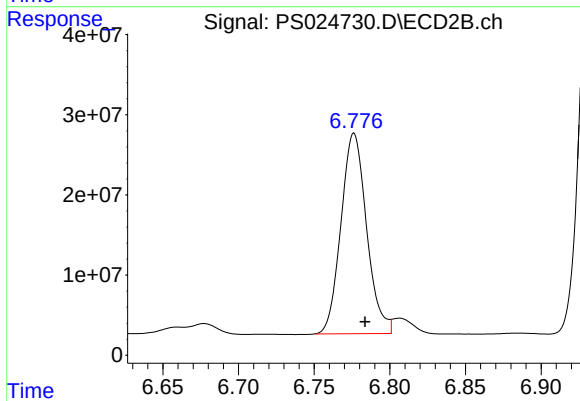
#3 4-Nitrophenol

R.T.: 6.391 min  
Delta R.T.: -0.006 min  
Response: 162882992  
Conc: 357.09 ng/ml m



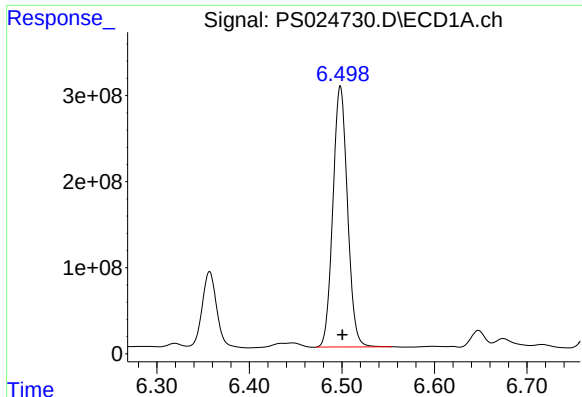
#4 2,4-DCAA

R.T.: 6.357 min  
Delta R.T.: -0.002 min  
Response: 952422480  
Conc: 462.94 ng/ml



#4 2,4-DCAA

R.T.: 6.776 min  
Delta R.T.: -0.008 min  
Response: 296117265  
Conc: 428.35 ng/ml m



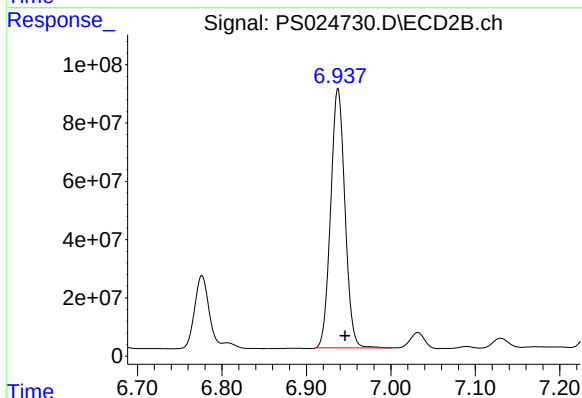
#5 DICAMBA

R.T.: 6.498 min  
Delta R.T.: -0.002 min  
Response: 3321865400  
Conc: 370.30 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

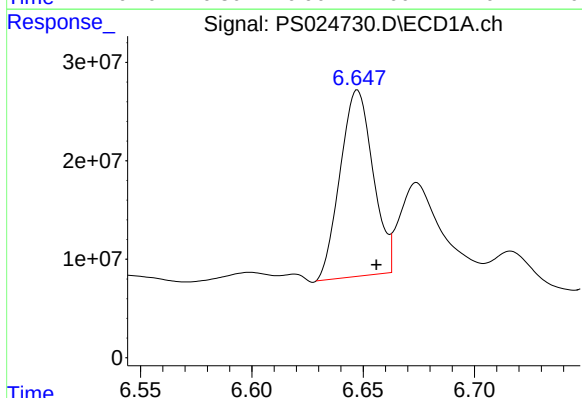
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



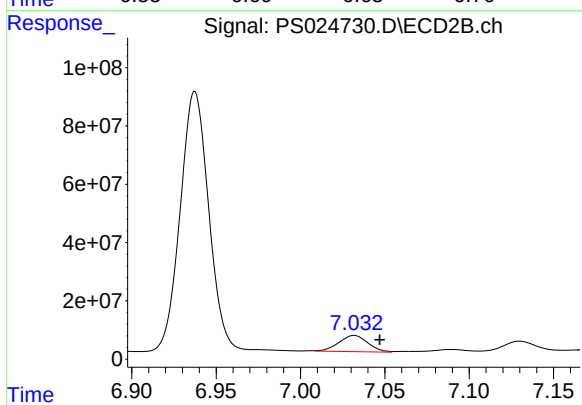
#5 DICAMBA

R.T.: 6.937 min  
Delta R.T.: -0.008 min  
Response: 1045047371  
Conc: 352.90 ng/ml



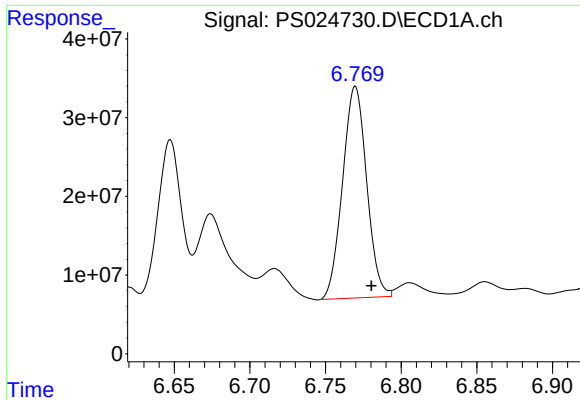
#6 MCP

R.T.: 6.647 min  
Delta R.T.: -0.009 min  
Response: 194435129  
Conc: 30.69 ug/ml



#6 MCP

R.T.: 7.032 min  
Delta R.T.: -0.015 min  
Response: 66219173  
Conc: 33.60 ug/ml m



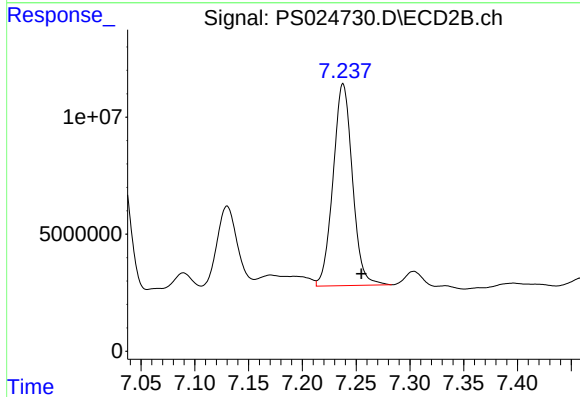
#7 MCPA

R.T.: 6.770 min  
Delta R.T.: -0.011 min  
Response: 298091129  
Conc: 33.45 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

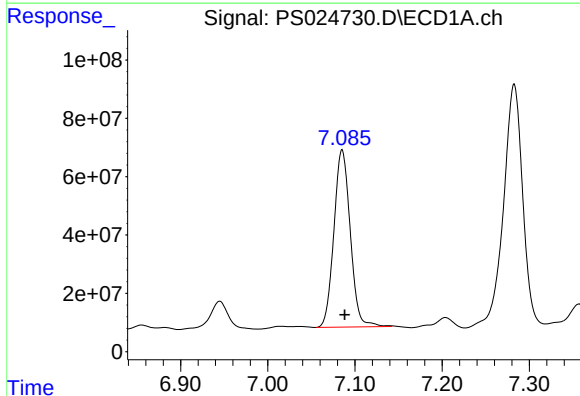
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



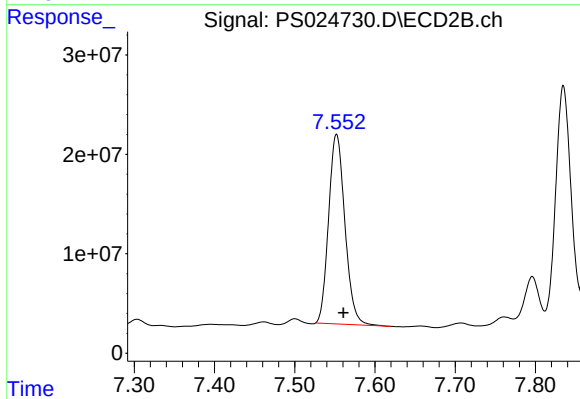
#7 MCPA

R.T.: 7.238 min  
Delta R.T.: -0.017 min  
Response: 107864427  
Conc: 33.66 ug/ml



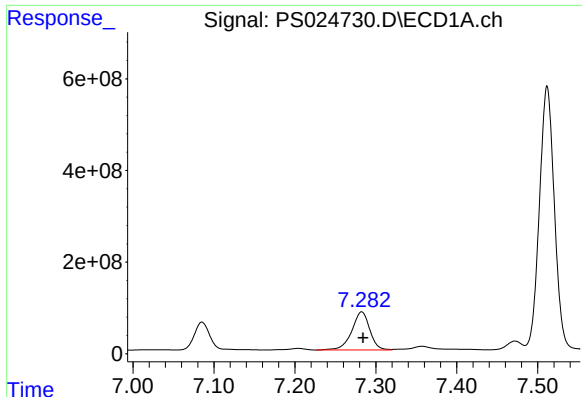
#8 DICHLORPROP

R.T.: 7.085 min  
Delta R.T.: -0.003 min  
Response: 792743155  
Conc: 337.23 ng/ml



#8 DICHLORPROP

R.T.: 7.552 min  
Delta R.T.: -0.009 min  
Response: 269299108  
Conc: 358.09 ng/ml



#9 2,4-D

R.T.: 7.282 min  
Delta R.T.: -0.002 min  
Response: 1285636238  
Conc: 465.31 ng/ml

Instrument :

ECD\_S

ClientSampleId :

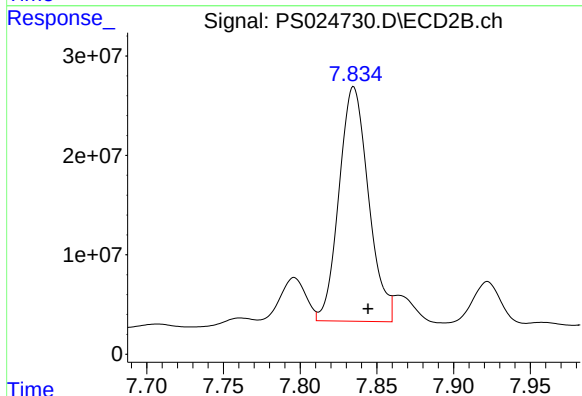
PSC-124037MSD

Manual Integrations

APPROVED

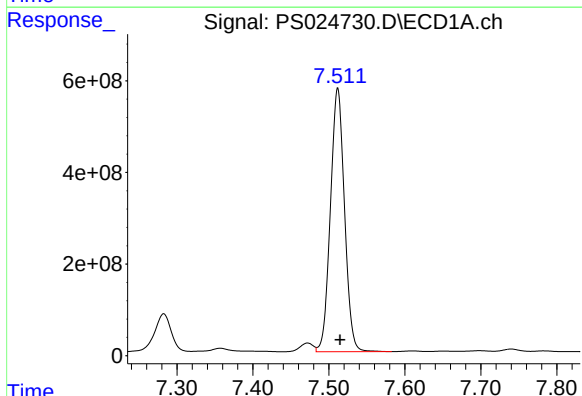
Reviewed By :Abdul Mirza 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



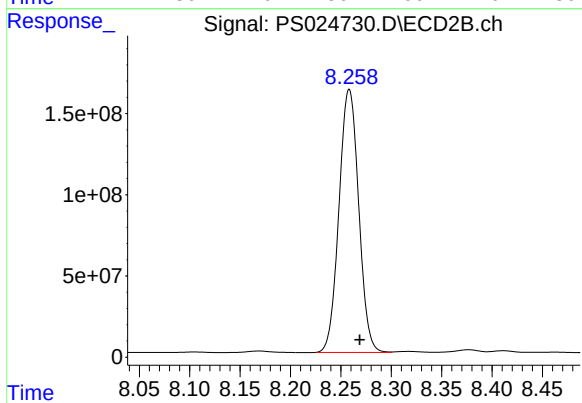
#9 2,4-D

R.T.: 7.834 min  
Delta R.T.: -0.010 min  
Response: 315783701  
Conc: 343.07 ng/ml m



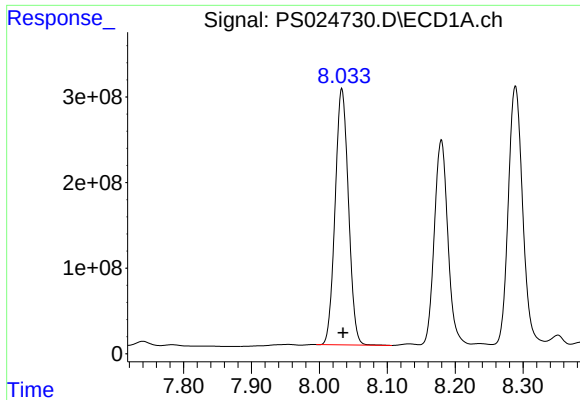
#10 Pentachlorophenol

R.T.: 7.512 min  
Delta R.T.: -0.003 min  
Response: 7413910001  
Conc: 228.02 ng/ml



#10 Pentachlorophenol

R.T.: 8.258 min  
Delta R.T.: -0.010 min  
Response: 2203445072  
Conc: 202.22 ng/ml



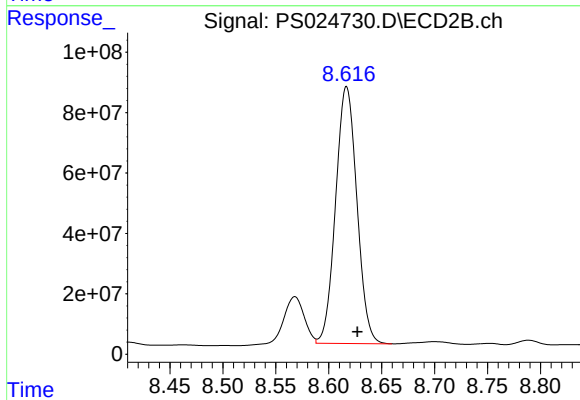
#11 2,4,5-TP (SILVEX)

R.T.: 8.033 min  
Delta R.T.: -0.002 min  
Response: 4078200705  
Conc: 294.35 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

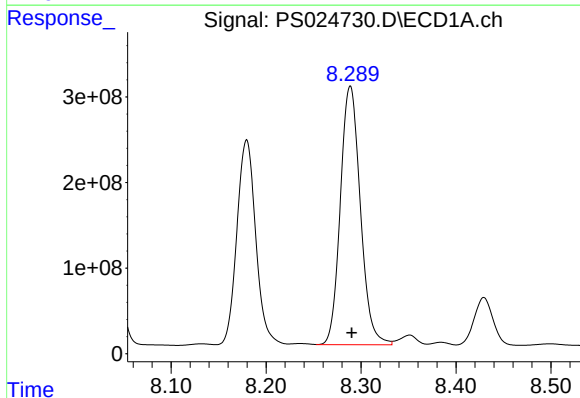
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



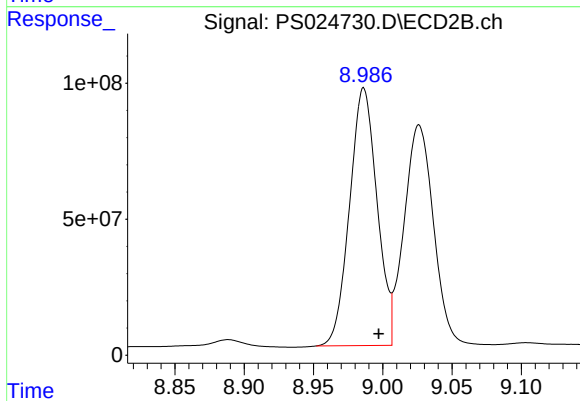
#11 2,4,5-TP (SILVEX)

R.T.: 8.616 min  
Delta R.T.: -0.011 min  
Response: 1189756940  
Conc: 280.53 ng/ml m



#12 2,4,5-T

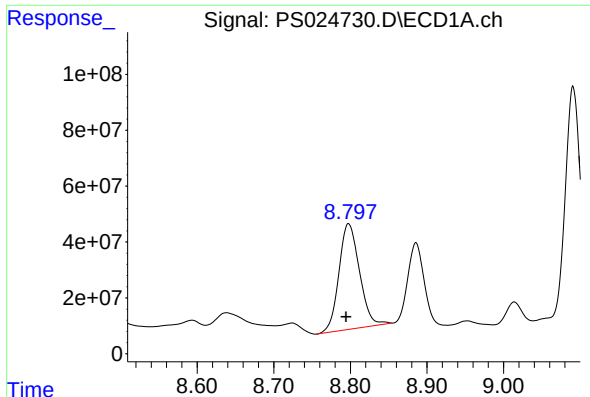
R.T.: 8.289 min  
Delta R.T.: -0.001 min  
Response: 4421632857  
Conc: 338.43 ng/ml



#12 2,4,5-T

R.T.: 8.986 min  
Delta R.T.: -0.011 min  
Response: 1307400296  
Conc: 317.06 ng/ml





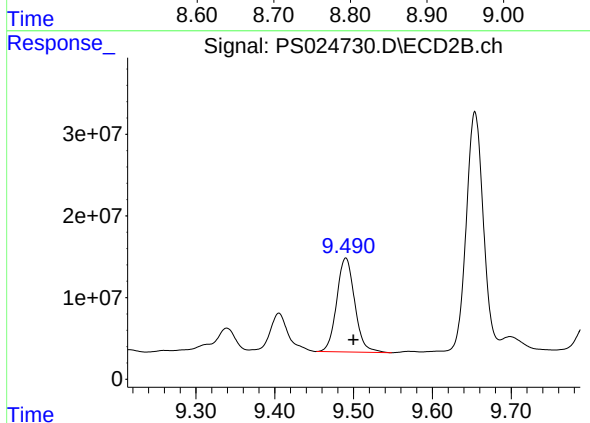
#13 2,4-DB

R.T.: 8.798 min  
Delta R.T.: 0.003 min  
Response: 705589018  
Conc: 345.38 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

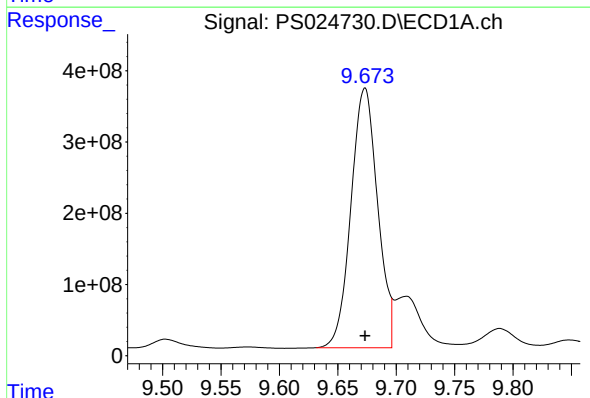
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



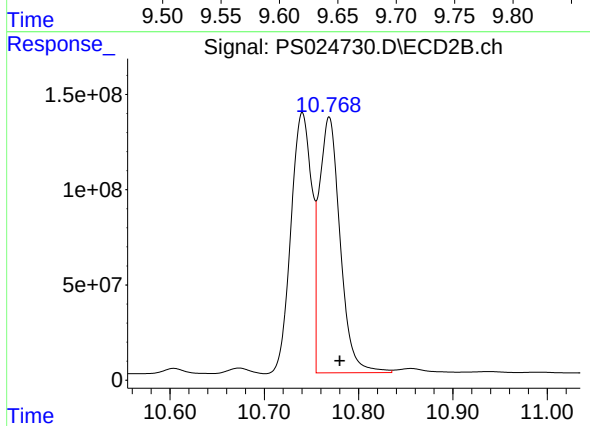
#13 2,4-DB

R.T.: 9.490 min  
Delta R.T.: -0.010 min  
Response: 182922074  
Conc: 358.97 ng/ml



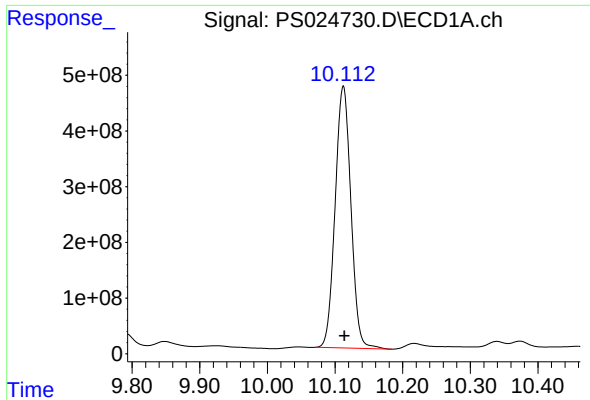
#15 Picloram

R.T.: 9.673 min  
Delta R.T.: 0.000 min  
Response: 5804951926  
Conc: 332.92 ng/ml m



#15 Picloram

R.T.: 10.769 min  
Delta R.T.: -0.011 min  
Response: 2077709462  
Conc: 334.34 ng/ml



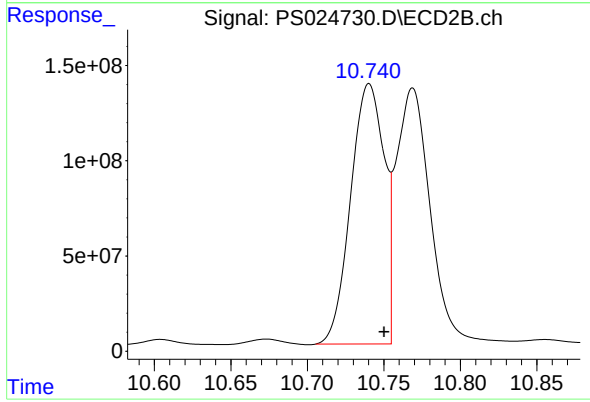
#16 DCPA

R.T.: 10.112 min  
Delta R.T.: -0.002 min  
Response: 7604917745  
Conc: 446.75 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PSC-124037MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2023  
Supervised By :mohammad ahmed 11/01/2023



#16 DCPA

R.T.: 10.740 min  
Delta R.T.: -0.010 min  
Response: 2086216650  
Conc: 399.85 ng/ml