

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS080524\  
 Data File : PS027317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2024 03:03  
 Operator : AR\AJ  
 Sample : P3441-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 BU-02-08012024MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/06/2024  
 Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 08:21:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080524.M  
 Quant Title : 8080.M  
 QLast Update : Tue Aug 06 08:10:22 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 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     | 7.183  | 7.744  | 609.4E6  | 365.0E6  | 242.290  | 196.282   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.603  | 2.693  | 246.6E6  | 642.9E6  | 75.468m  | 192.683m# |
| 2) T                        | 3,5-DICHL... | 6.363  | 6.699  | 572.0E6  | 392.7E6  | 143.654  | 143.290   |
| 3) T                        | 4-Nitroph... | 6.983  | 7.273  | 252.8E6  | 307.0E6  | 167.210m | 245.353 # |
| 5) T                        | DICAMBA      | 7.366  | 7.944  | 1980.8E6 | 1462.5E6 | 179.479m | 169.790   |
| 6) T                        | MCPD         | 7.542  | 8.040  | 69125562 | 69269224 | 9.084    | 12.164 #  |
| 7) T                        | MCPA         | 7.688  | 8.283  | 154.2E6  | 109.9E6  | 15.916   | 14.547m   |
| 8) T                        | DICHLORPROP  | 8.060  | 8.655  | 332.1E6  | 279.9E6  | 125.528m | 133.879m  |
| 9) T                        | 2,4-D        | 8.287  | 8.985  | 616.6E6  | 474.1E6  | 216.277  | 203.514   |
| 10) T                       | Pentachlo... | 8.579  | 9.512  | 3333.6E6 | 2560.4E6 | 84.334   | 80.447    |
| 11) T                       | 2,4,5-TP ... | 9.150  | 9.887  | 1464.9E6 | 1277.7E6 | 96.588m  | 100.047   |
| 12) T                       | 2,4,5-T      | 9.439  | 10.306 | 1759.7E6 | 1617.5E6 | 120.481m | 128.281m  |
| 13) T                       | 2,4-DB       | 10.008 | 10.868 | 145.1E6  | 245.8E6  | 70.732m  | 155.476 # |
| 14) T                       | DINOSEB      | 11.198 | 11.249 | 109.7E6  | 161.5E6  | 9.841m   | 18.963 #  |
| 15) T                       | Picloram     | 11.013 | 12.339 | 4013.7E6 | 3697.3E6 | 208.178m | 204.940   |
| 16) T                       | DCPA         | 11.494 | 12.288 | 5285.9E6 | 4259.8E6 | 292.610m | 306.321m  |
| -----                       |              |        |        |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS080524\  
Data File : PS027317.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2024 03:03  
Operator : AR\AJ  
Sample : P3441-01MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

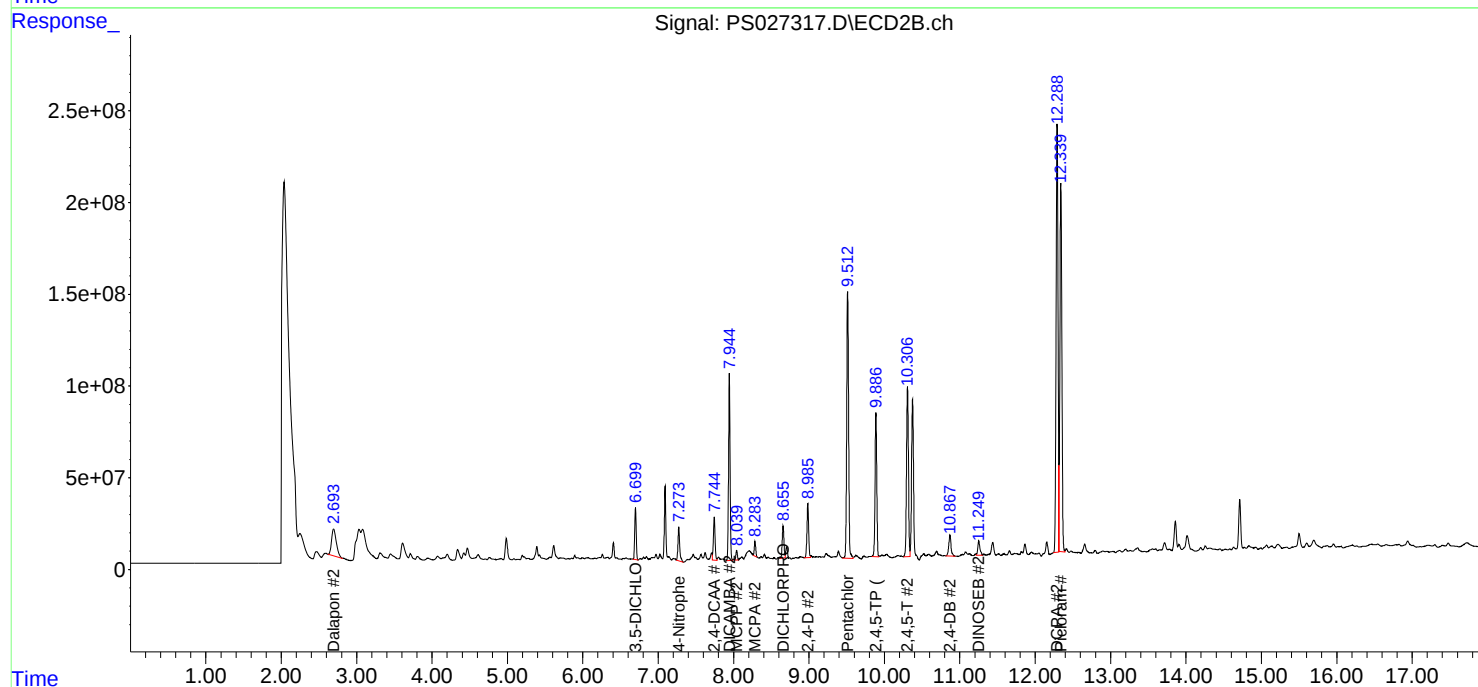
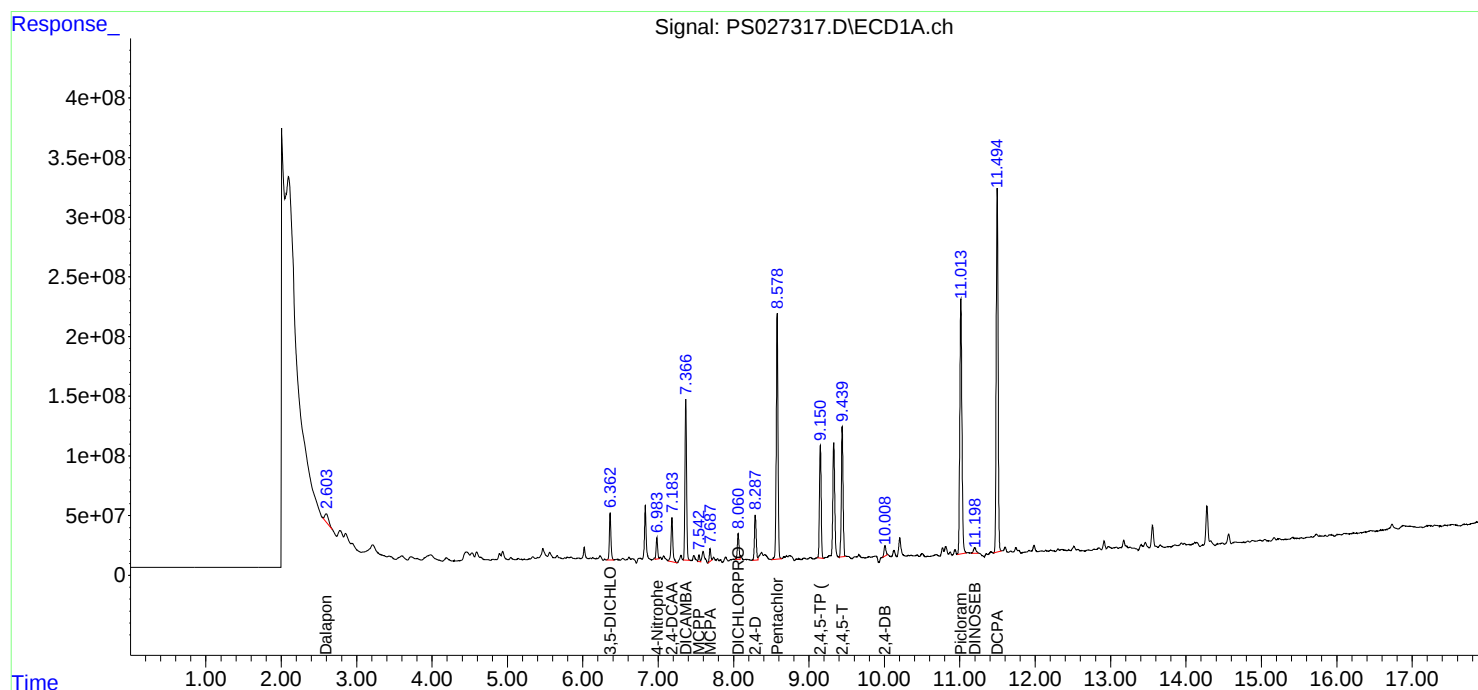
Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

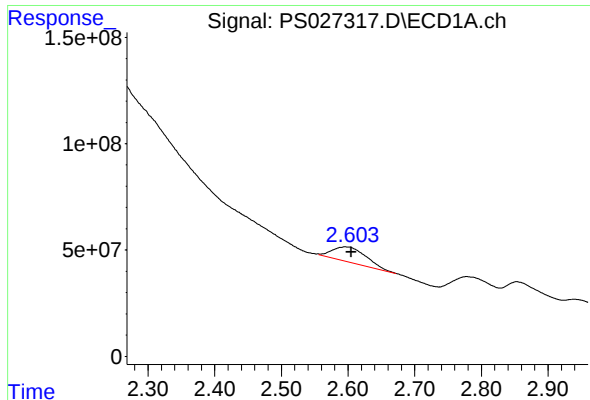
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 08/06/2024  
Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 08:21:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080524.M  
Quant Title : 8080.M  
QLast Update : Tue Aug 06 08:10:22 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.603 min  
Delta R.T.: -0.002 min  
Response: 246631526  
Conc: 75.47 ng/ml

Instrument :

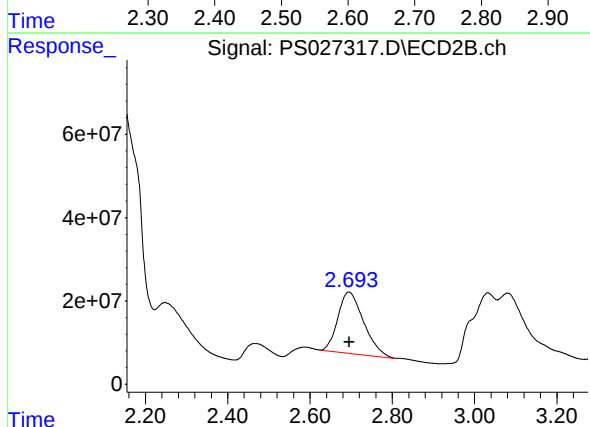
ECD\_S

ClientSampleId :

BU-02-08012024MSD

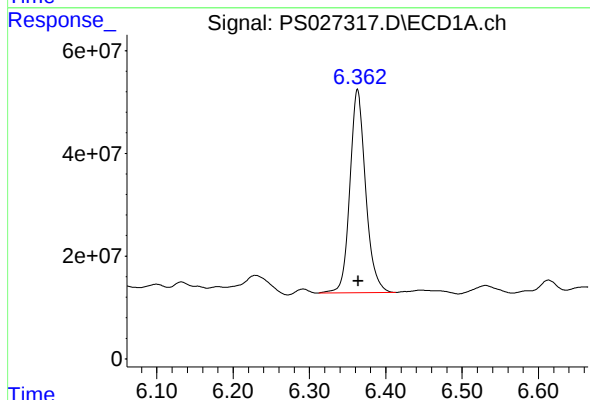
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



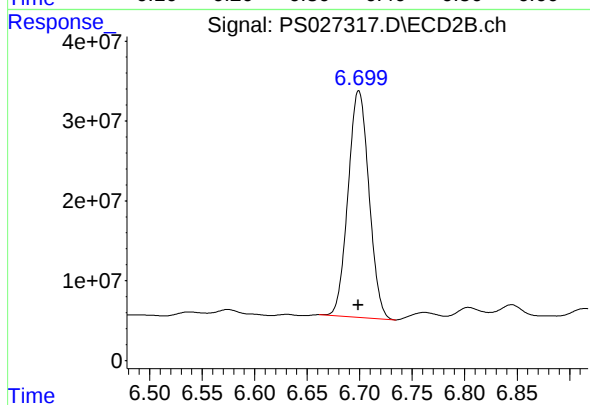
#1 Dalapon

R.T.: 2.693 min  
Delta R.T.: -0.001 min  
Response: 642922867  
Conc: 192.68 ng/ml



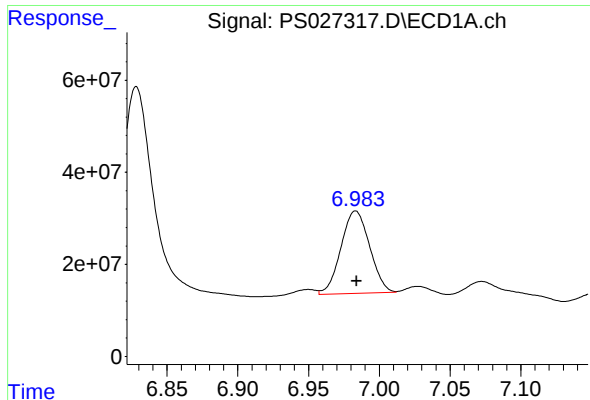
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.363 min  
Delta R.T.: -0.001 min  
Response: 571990558  
Conc: 143.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min  
Delta R.T.: 0.000 min  
Response: 392688904  
Conc: 143.29 ng/ml



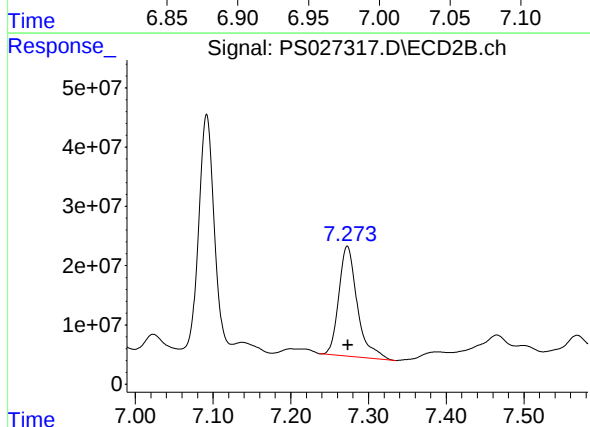
#3 4-Nitrophenol

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 252788335  
Conc: 167.21 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

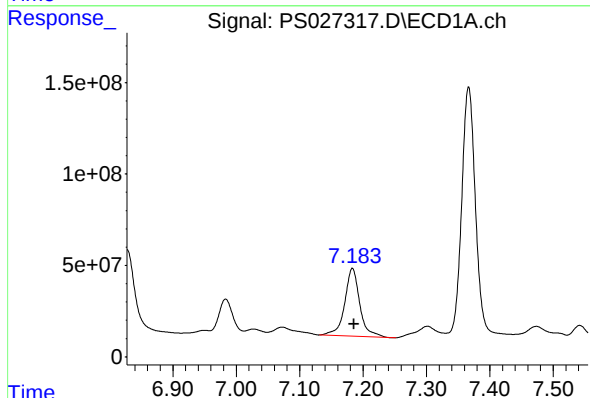
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



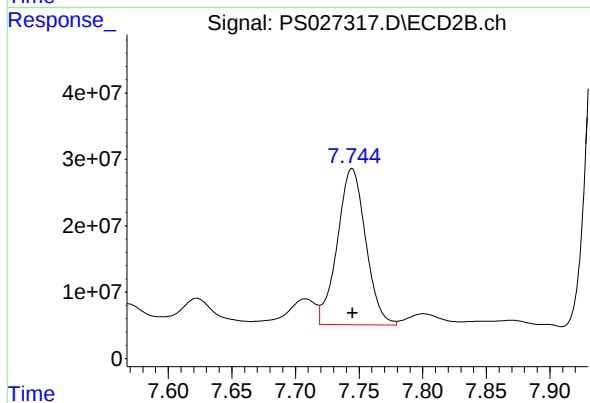
#3 4-Nitrophenol

R.T.: 7.273 min  
Delta R.T.: 0.000 min  
Response: 306981633  
Conc: 245.35 ng/ml



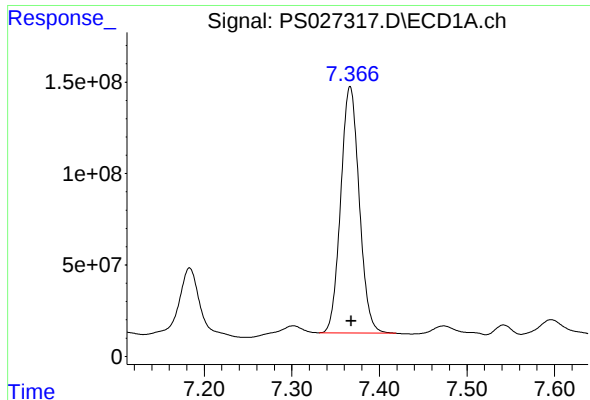
#4 2,4-DCAA

R.T.: 7.183 min  
Delta R.T.: -0.002 min  
Response: 609388082  
Conc: 242.29 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min  
Delta R.T.: 0.000 min  
Response: 365039091  
Conc: 196.28 ng/ml



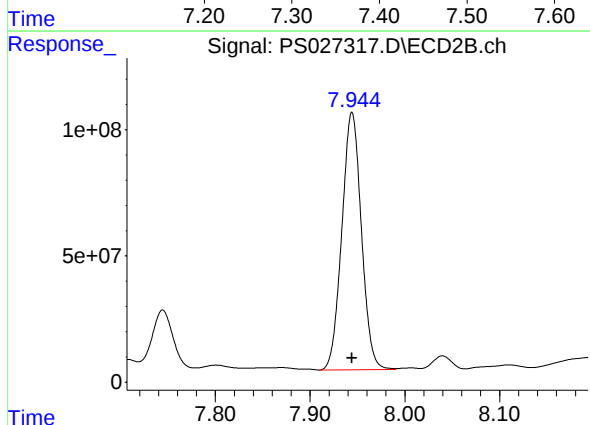
#5 DICAMBA

R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 1980823043  
Conc: 179.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

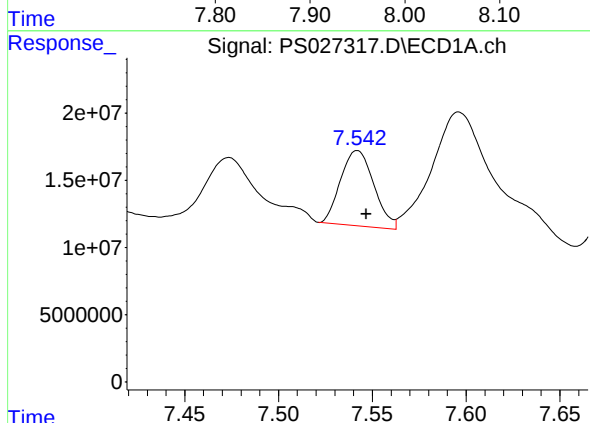
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



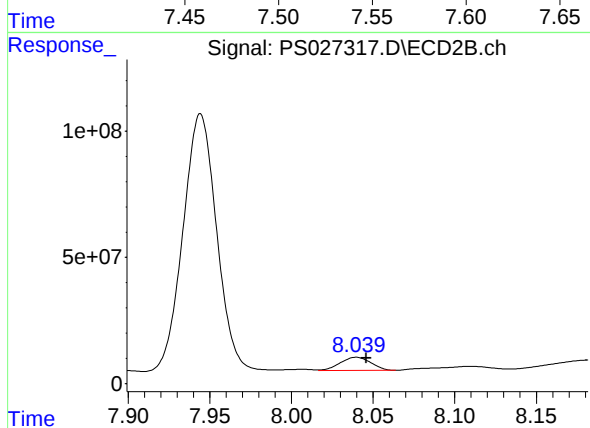
#5 DICAMBA

R.T.: 7.944 min  
Delta R.T.: 0.000 min  
Response: 1462496573  
Conc: 169.79 ng/ml



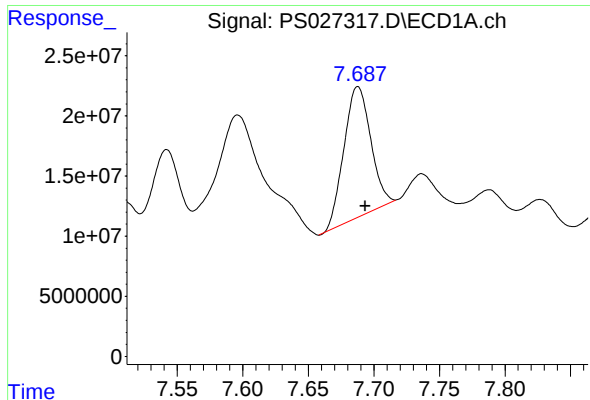
#6 MCP

R.T.: 7.542 min  
Delta R.T.: -0.005 min  
Response: 69125562  
Conc: 9.08 ug/ml



#6 MCP

R.T.: 8.040 min  
Delta R.T.: -0.006 min  
Response: 69269224  
Conc: 12.16 ug/ml



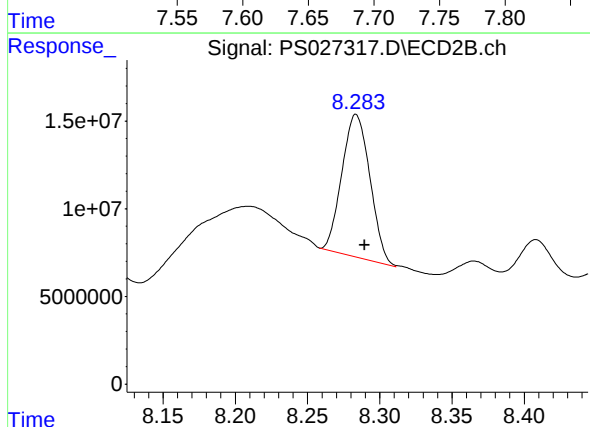
#7 MCPA

R.T.: 7.688 min  
Delta R.T.: -0.005 min  
Response: 154200395  
Conc: 15.92 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

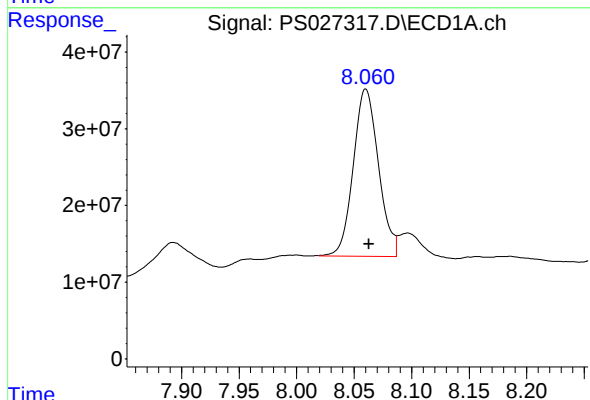
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



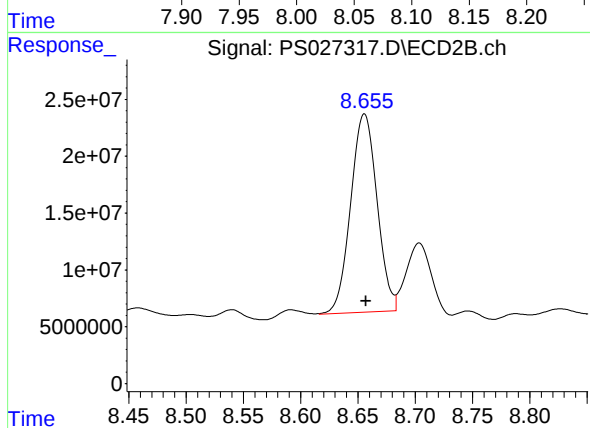
#7 MCPA

R.T.: 8.283 min  
Delta R.T.: -0.006 min  
Response: 109886937  
Conc: 14.55 ug/ml



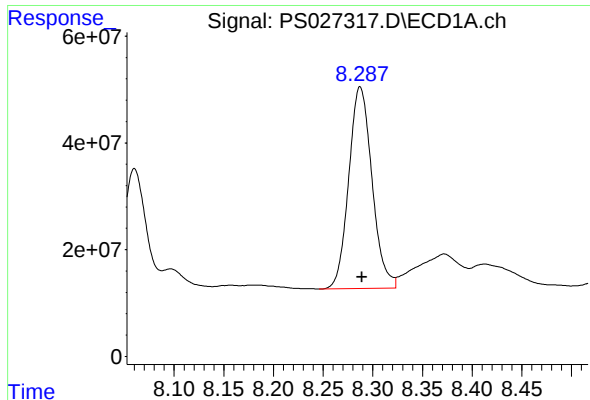
#8 DICHLORPROP

R.T.: 8.060 min  
Delta R.T.: -0.003 min  
Response: 332132566  
Conc: 125.53 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min  
Delta R.T.: -0.002 min  
Response: 279870904  
Conc: 133.88 ng/ml



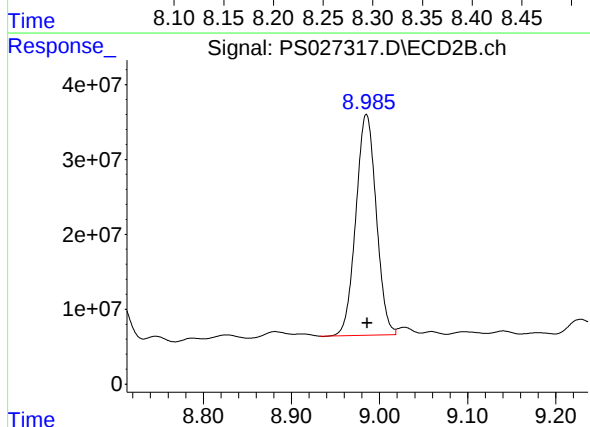
#9 2,4-D

R.T.: 8.287 min  
Delta R.T.: -0.002 min  
Response: 616632873  
Conc: 216.28 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

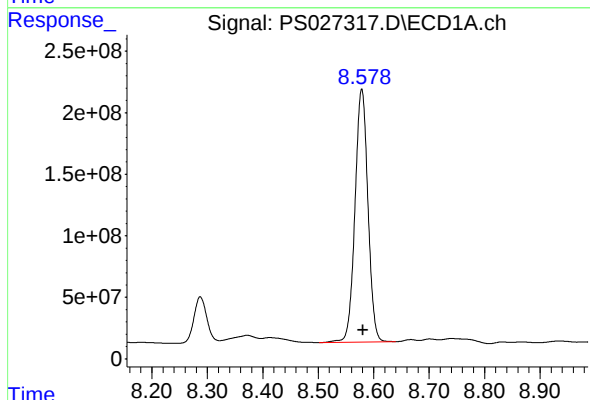
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



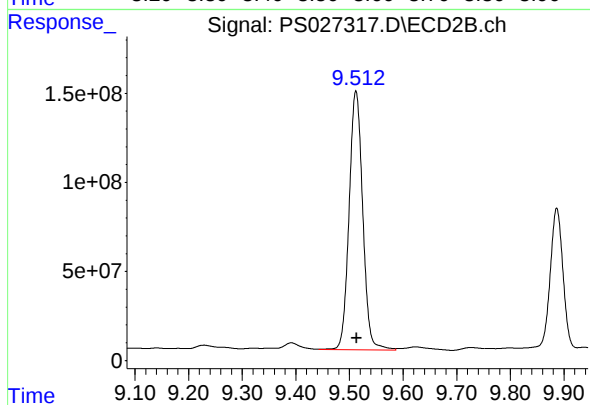
#9 2,4-D

R.T.: 8.985 min  
Delta R.T.: -0.001 min  
Response: 474127506  
Conc: 203.51 ng/ml



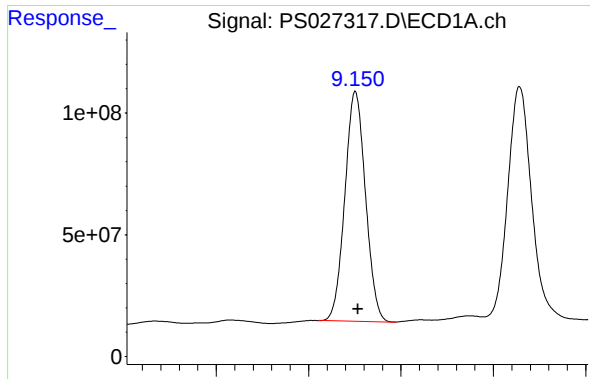
#10 Pentachlorophenol

R.T.: 8.579 min  
Delta R.T.: -0.002 min  
Response: 3333631879  
Conc: 84.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.512 min  
Delta R.T.: -0.001 min  
Response: 2560400411  
Conc: 80.45 ng/ml



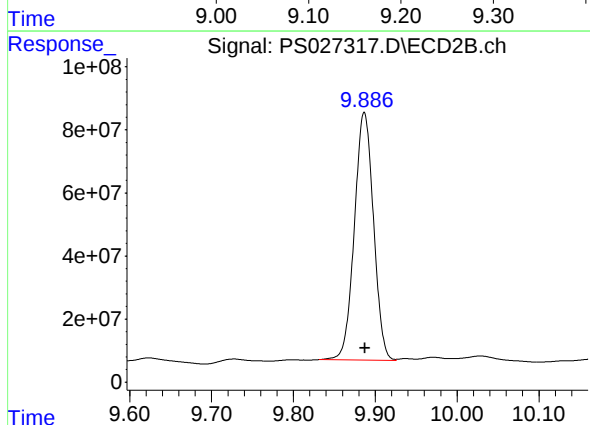
#11 2,4,5-TP (SILVEX)

R.T.: 9.150 min  
Delta R.T.: -0.003 min  
Response: 1464921800  
Conc: 96.59 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

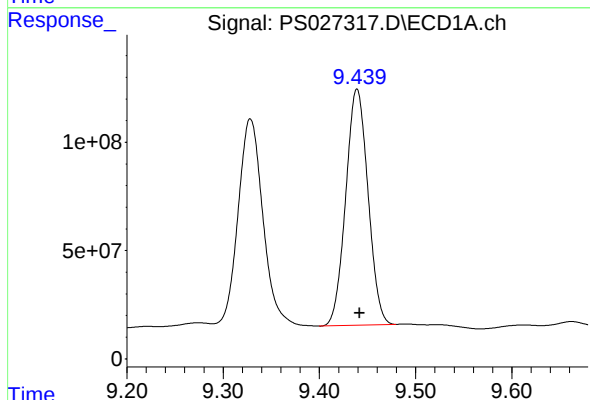
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



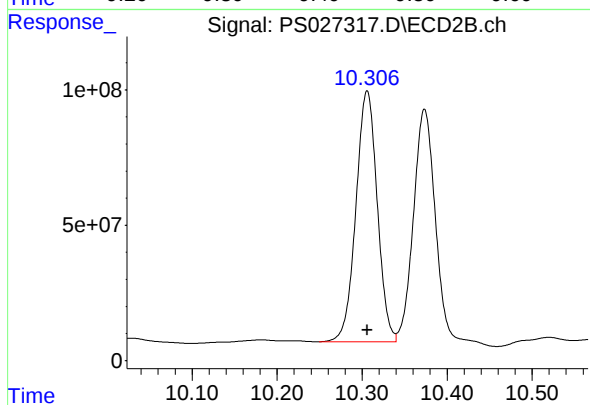
#11 2,4,5-TP (SILVEX)

R.T.: 9.887 min  
Delta R.T.: 0.000 min  
Response: 1277713132  
Conc: 100.05 ng/ml



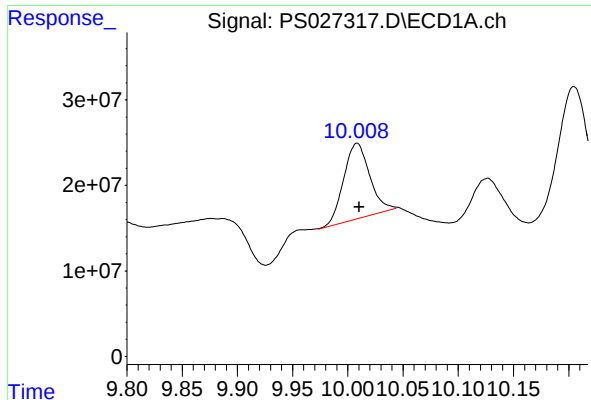
#12 2,4,5-T

R.T.: 9.439 min  
Delta R.T.: -0.003 min  
Response: 1759704372  
Conc: 120.48 ng/ml m



#12 2,4,5-T

R.T.: 10.306 min  
Delta R.T.: 0.000 min  
Response: 1617518987  
Conc: 128.28 ng/ml m



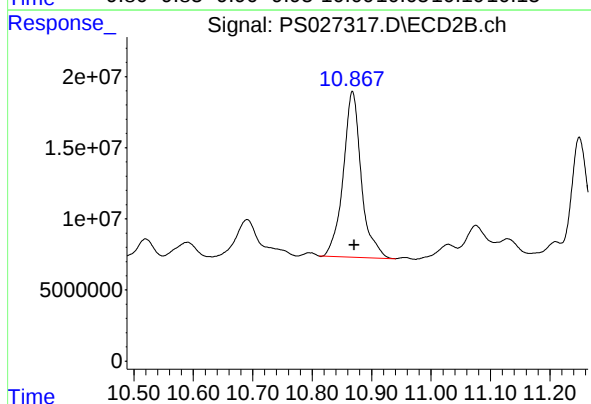
#13 2,4-DB

R.T.: 10.008 min  
Delta R.T.: -0.003 min  
Response: 145060982  
Conc: 70.73 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

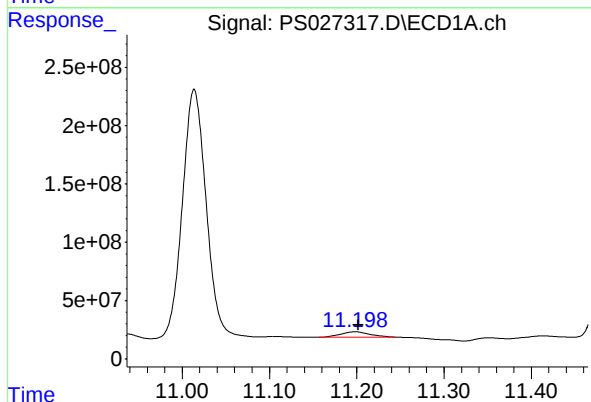
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



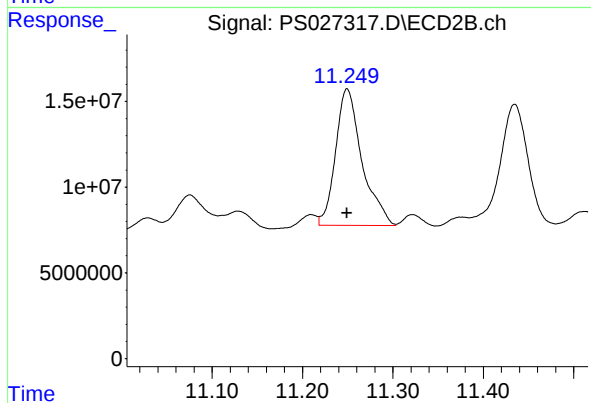
#13 2,4-DB

R.T.: 10.868 min  
Delta R.T.: -0.003 min  
Response: 245768596  
Conc: 155.48 ng/ml



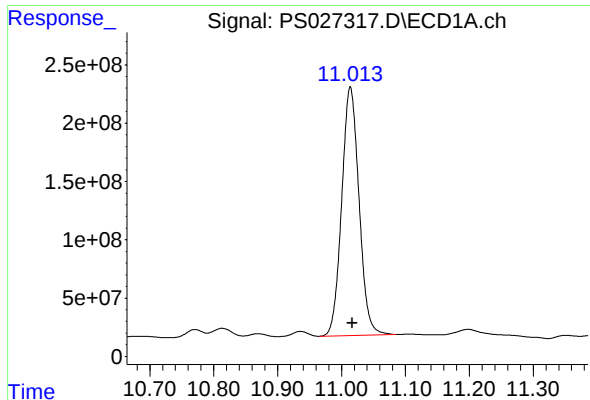
#14 DINOSEB

R.T.: 11.198 min  
Delta R.T.: -0.004 min  
Response: 109681875  
Conc: 9.84 ng/ml m



#14 DINOSEB

R.T.: 11.249 min  
Delta R.T.: 0.000 min  
Response: 161507216  
Conc: 18.96 ng/ml



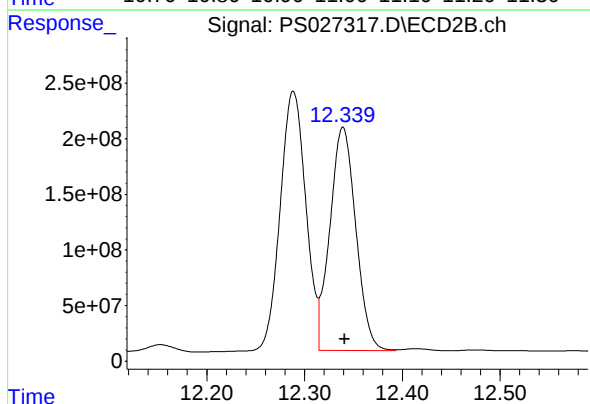
#15 Picloram

R.T.: 11.013 min  
Delta R.T.: -0.003 min  
Response: 4013745522  
Conc: 208.18 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
BU-02-08012024MSD

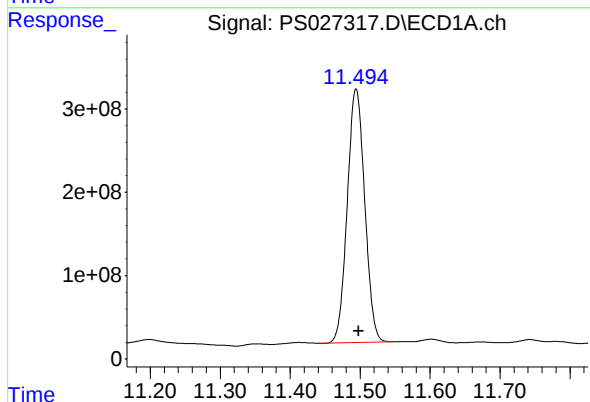
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
Supervised By :Ankita Jodhani 08/06/2024



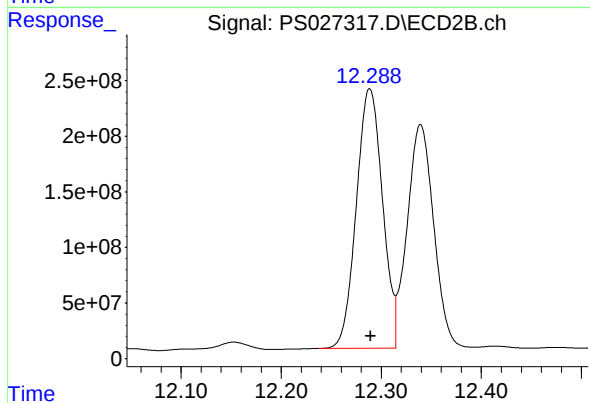
#15 Picloram

R.T.: 12.339 min  
Delta R.T.: -0.002 min  
Response: 3697335191  
Conc: 204.94 ng/ml



#16 DCPA

R.T.: 11.494 min  
Delta R.T.: -0.004 min  
Response: 5285927774  
Conc: 292.61 ng/ml m



#16 DCPA

R.T.: 12.288 min  
Delta R.T.: -0.002 min  
Response: 4259817207  
Conc: 306.32 ng/ml m