

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS072224\  
 Data File : PS027204.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2024 12:23  
 Operator : AR\AJ  
 Sample : HSTDCCC750  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 HSTDCCC750

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
 Supervised By :Ankita Jodhani 07/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 01:27:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071224.M  
 Quant Title : 8080.M  
 QLast Update : Thu Jun 27 04:33:52 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     | 7.199  | 7.755  | 1878.2E6  | 1665.2E6  | 742.736  | 718.140 |
| Target Compounds            |              |        |        |           |           |          |         |
| 1) T                        | Dalapon      | 2.614  | 2.702  | 2299.0E6  | 2803.3E6  | 691.518  | 675.472 |
| 2) T                        | 3,5-DICHL... | 6.375  | 6.707  | 2736.2E6  | 2280.2E6  | 691.888m | 672.273 |
| 3) T                        | 4-Nitroph... | 6.998  | 7.282  | 1117.5E6  | 1096.3E6  | 697.073  | 663.007 |
| 5) T                        | DICAMBA      | 7.383  | 7.954  | 7719.6E6  | 7317.9E6  | 702.593  | 694.523 |
| 6) T                        | MCPD         | 7.562  | 8.056  | 553.4E6   | 528.1E6   | 72.088   | 68.167  |
| 7) T                        | MCPA         | 7.709  | 8.299  | 723.8E6   | 703.2E6   | 71.026   | 67.165  |
| 8) T                        | DICHLORPROP  | 8.079  | 8.667  | 1874.6E6  | 1767.0E6  | 698.606  | 683.209 |
| 9) T                        | 2,4-D        | 8.306  | 8.997  | 2051.8E6  | 1976.2E6  | 713.144  | 685.405 |
| 10) T                       | Pentachlo... | 8.599  | 9.525  | 29123.2E6 | 28063.9E6 | 737.090  | 719.185 |
| 11) T                       | 2,4,5-TP ... | 9.172  | 9.899  | 11013.8E6 | 11254.5E6 | 727.587  | 705.748 |
| 12) T                       | 2,4,5-T      | 9.461  | 10.318 | 10921.6E6 | 11207.3E6 | 738.901  | 701.390 |
| 13) T                       | 2,4-DB       | 10.031 | 10.882 | 1576.8E6  | 1380.8E6  | 729.693  | 683.248 |
| 14) T                       | DINOSEB      | 11.226 | 11.261 | 8209.5E6  | 7939.1E6  | 728.927  | 710.628 |
| 15) T                       | Picloram     | 11.039 | 12.355 | 14479.3E6 | 16636.9E6 | 743.328  | 711.524 |
| 16) T                       | DCPA         | 11.521 | 12.303 | 13302.3E6 | 12583.3E6 | 740.961  | 719.300 |
| -----                       |              |        |        |           |           |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS072224\  
Data File : PS027204.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2024 12:23  
Operator : AR\AJ  
Sample : HSTDCCC750  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

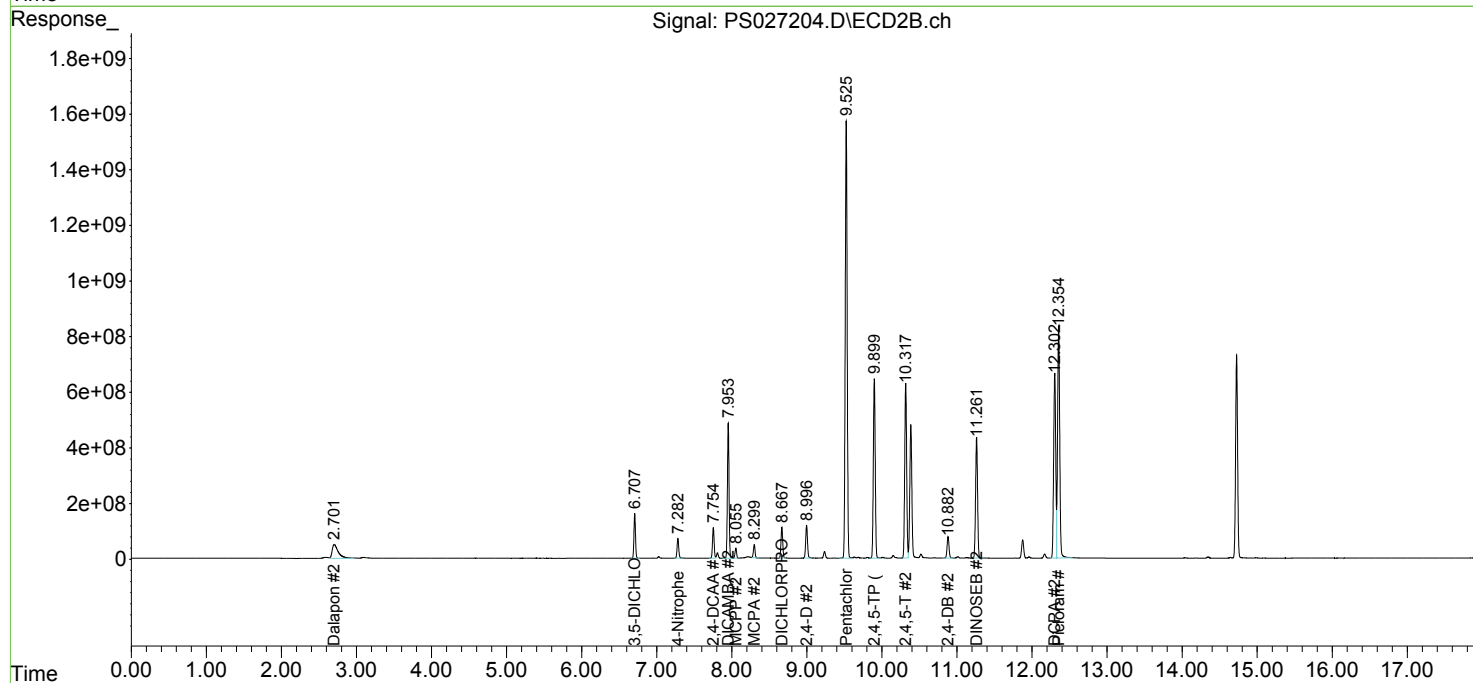
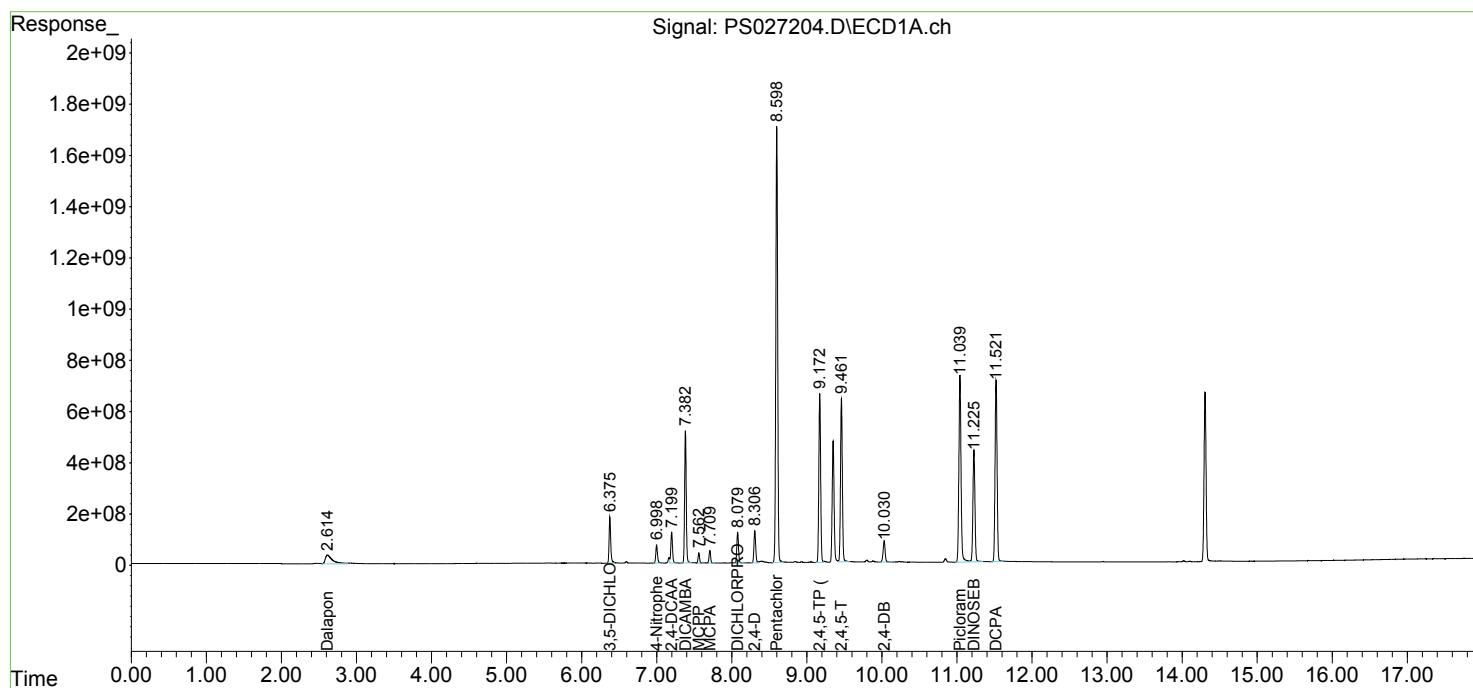
Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

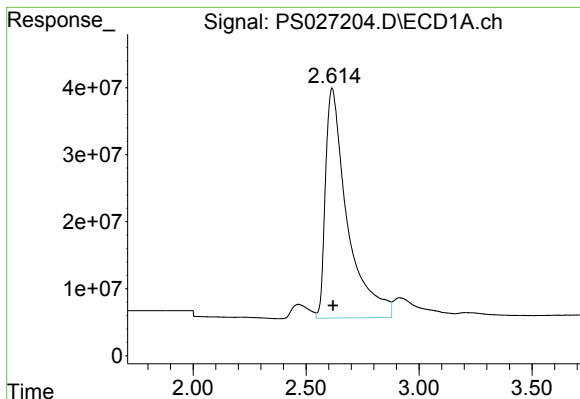
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/23/2024  
Supervised By : Ankita Jodhani 07/23/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 01:27:00 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS071224.M  
Quant Title : 8080.M  
QLast Update : Thu Jun 27 04:33:52 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





#1 Dalapon

R.T.: 2.614 min  
Delta R.T.: -0.005 min  
Response: 2299016491  
Conc: 691.52 ng/ml

Instrument :

ECD\_S

ClientSampleId :

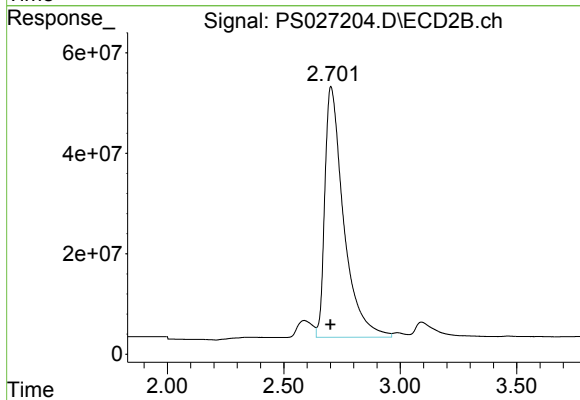
HSTDCCC750

Manual Integrations

APPROVED

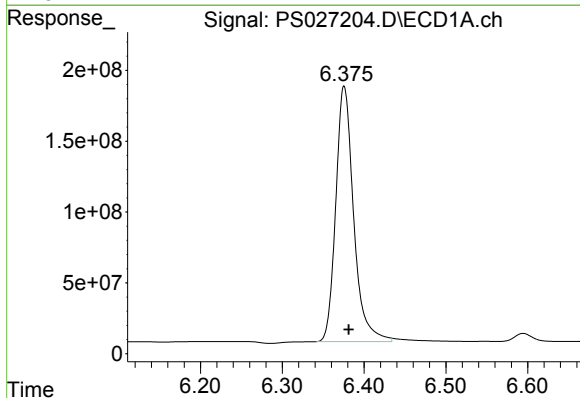
Reviewed By :Abdul Mirza 07/23/2024

Supervised By :Ankita Jodhani 07/23/2024



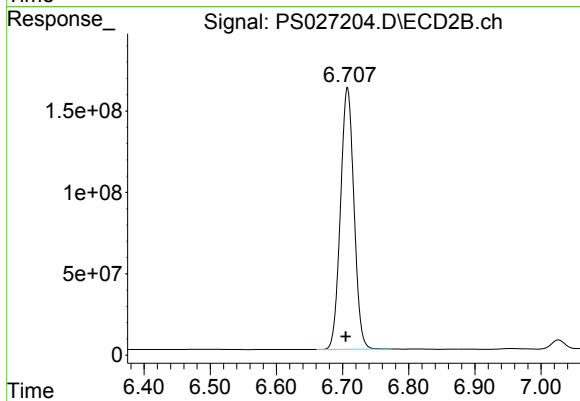
#1 Dalapon

R.T.: 2.702 min  
Delta R.T.: 0.001 min  
Response: 2803282592  
Conc: 675.47 ng/ml



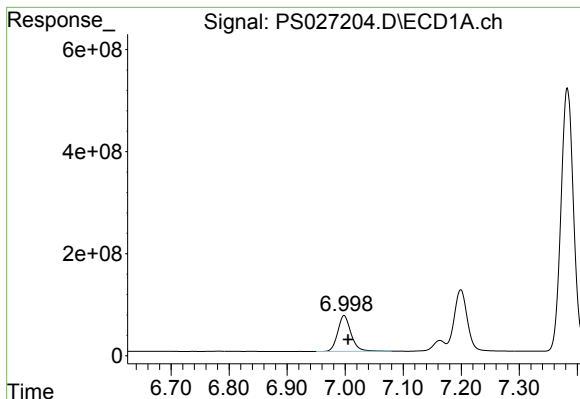
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.375 min  
Delta R.T.: -0.006 min  
Response: 2736211262  
Conc: 691.89 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.707 min  
Delta R.T.: 0.002 min  
Response: 2280159000  
Conc: 672.27 ng/ml



#3 4-Nitrophenol

R.T.: 6.998 min  
Delta R.T.: -0.007 min  
Response: 1117510656  
Conc: 697.07 ng/ml

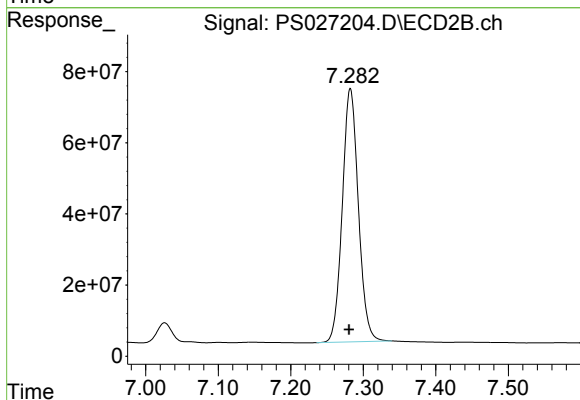
Instrument :

ECD\_S

ClientSampleId :  
HSTDCCC750

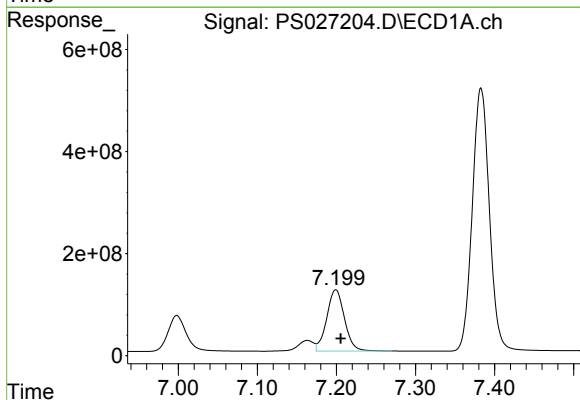
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



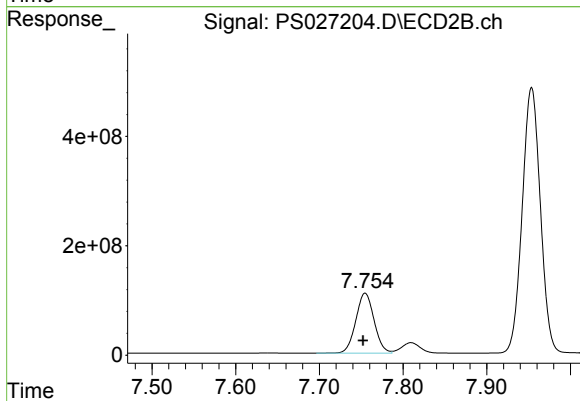
#3 4-Nitrophenol

R.T.: 7.282 min  
Delta R.T.: 0.002 min  
Response: 1096325361  
Conc: 663.01 ng/ml



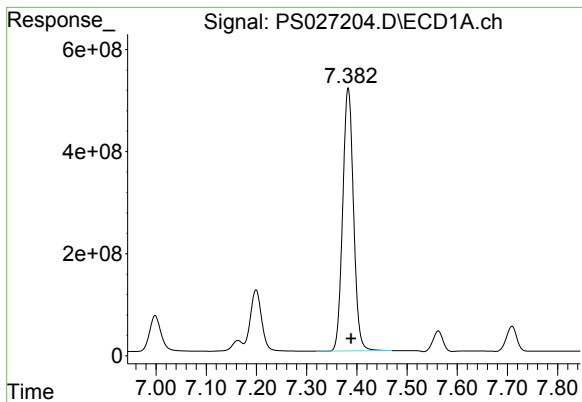
#4 2,4-DCAA

R.T.: 7.199 min  
Delta R.T.: -0.006 min  
Response: 1878203232  
Conc: 742.74 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min  
Delta R.T.: 0.002 min  
Response: 1665168577  
Conc: 718.14 ng/ml



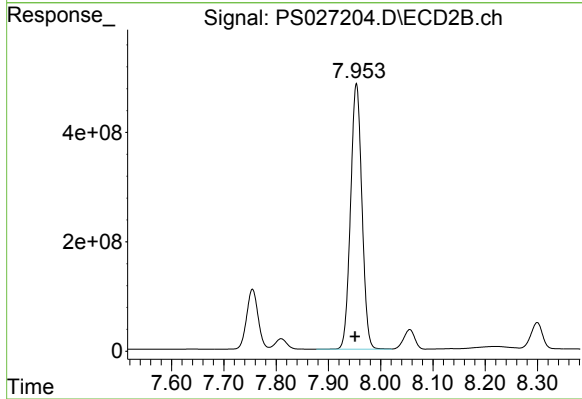
#5 DICAMBA

R.T.: 7.383 min  
Delta R.T.: -0.006 min  
Response: 7719596525  
Conc: 702.59 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

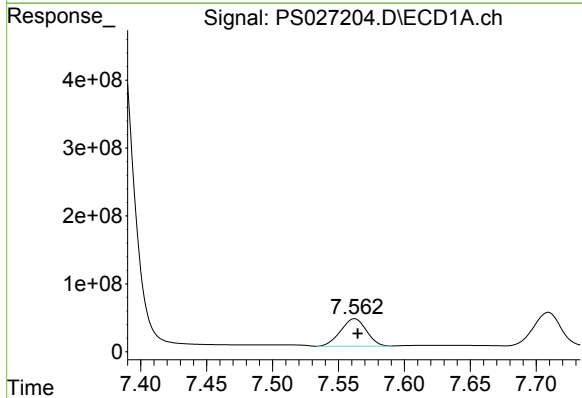
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



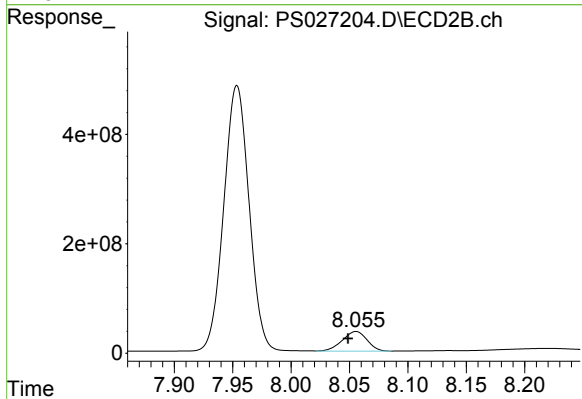
#5 DICAMBA

R.T.: 7.954 min  
Delta R.T.: 0.003 min  
Response: 7317851682  
Conc: 694.52 ng/ml



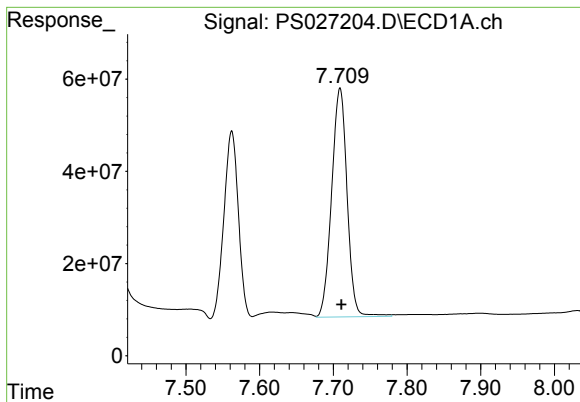
#6 MCP

R.T.: 7.562 min  
Delta R.T.: -0.002 min  
Response: 553360816  
Conc: 72.09 ug/ml



#6 MCP

R.T.: 8.056 min  
Delta R.T.: 0.007 min  
Response: 528060158  
Conc: 68.17 ug/ml



#7 MCPA

R.T.: 7.709 min  
Delta R.T.: -0.002 min  
Response: 723769754  
Conc: 71.03 ug/ml

Instrument :

ECD\_S

ClientSampleId :

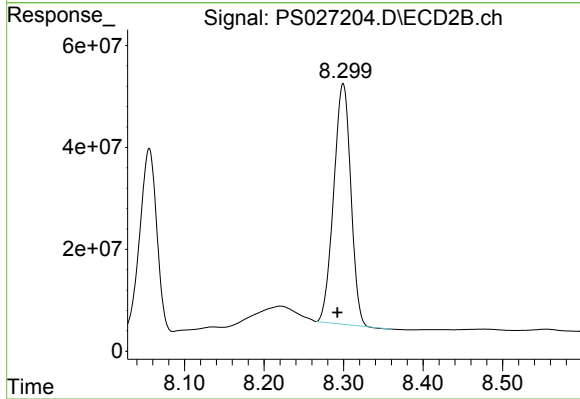
HSTDCCC750

Manual Integrations

APPROVED

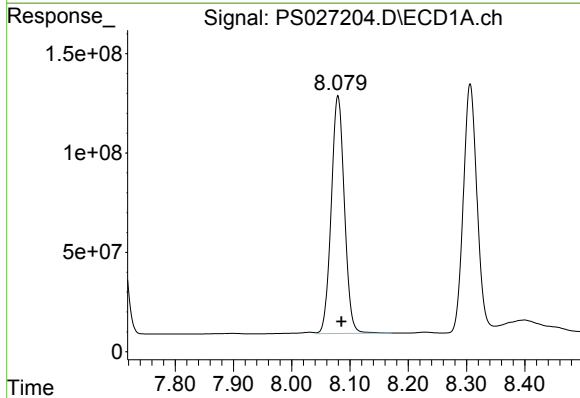
Reviewed By :Abdul Mirza 07/23/2024

Supervised By :Ankita Jodhani 07/23/2024



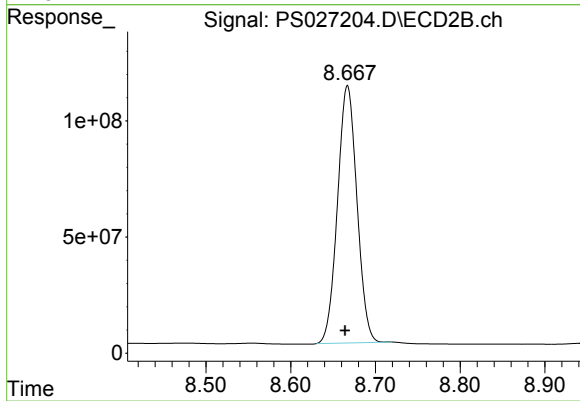
#7 MCPA

R.T.: 8.299 min  
Delta R.T.: 0.007 min  
Response: 703151597  
Conc: 67.17 ug/ml



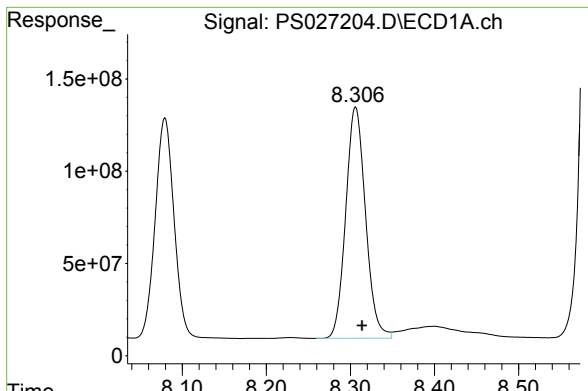
#8 DICHLORPROP

R.T.: 8.079 min  
Delta R.T.: -0.006 min  
Response: 1874630740  
Conc: 698.61 ng/ml



#8 DICHLORPROP

R.T.: 8.667 min  
Delta R.T.: 0.003 min  
Response: 1766959000  
Conc: 683.21 ng/ml



#9 2,4-D

R.T.: 8.306 min  
Delta R.T.: -0.008 min  
Response: 2051782341  
Conc: 713.14 ng/ml

Instrument :

ECD\_S

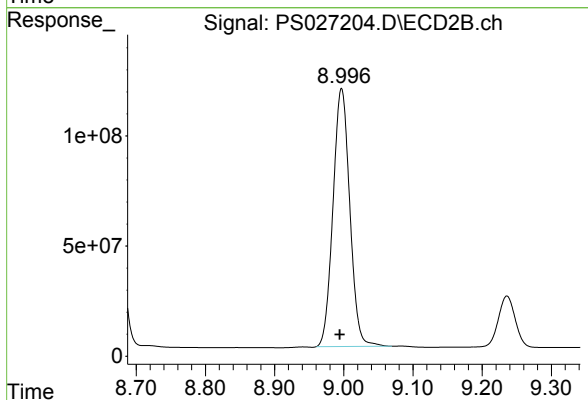
ClientSampleId :

HSTDCCC750

Manual Integrations

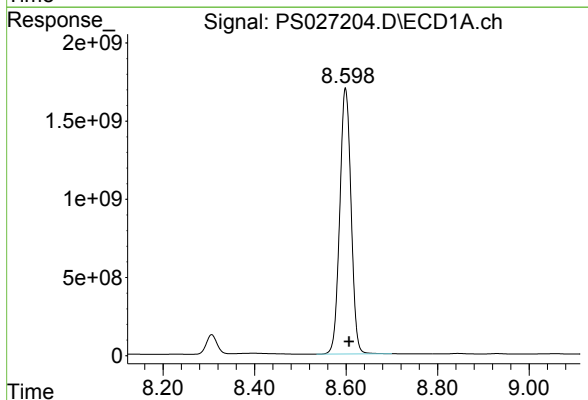
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



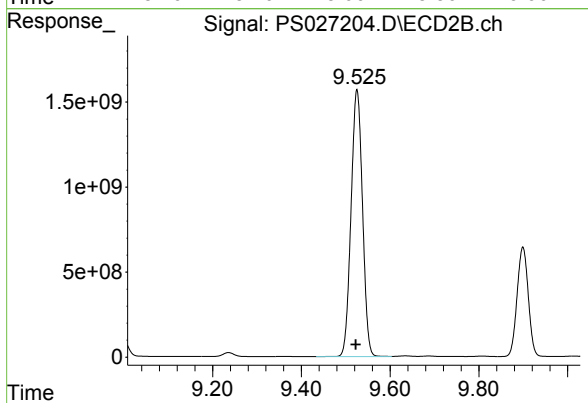
#9 2,4-D

R.T.: 8.997 min  
Delta R.T.: 0.003 min  
Response: 1976159022  
Conc: 685.40 ng/ml



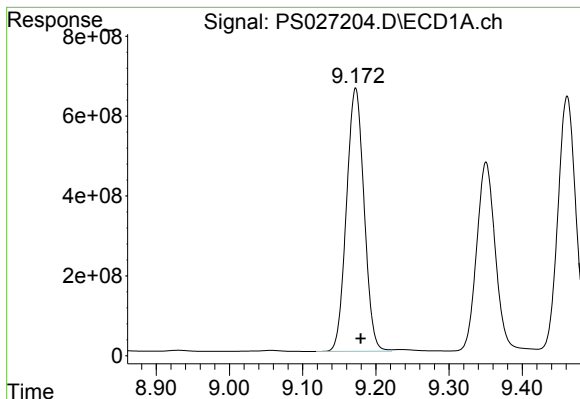
#10 Pentachlorophenol

R.T.: 8.599 min  
Delta R.T.: -0.008 min  
Response: 29123187552  
Conc: 737.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.525 min  
Delta R.T.: 0.003 min  
Response: 28063856568  
Conc: 719.18 ng/ml



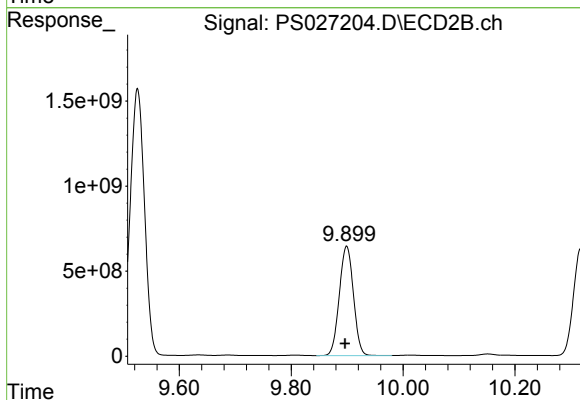
#11 2,4,5-TP (SILVEX)

R.T.: 9.172 min  
Delta R.T.: -0.007 min  
Response: 11013771262  
Conc: 727.59 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

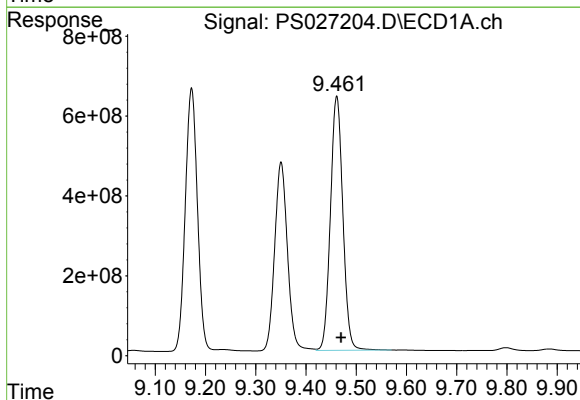
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



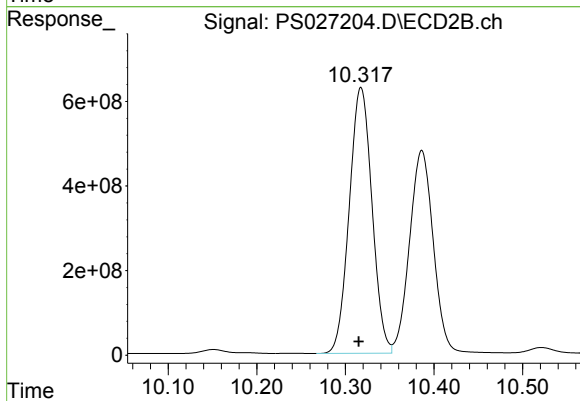
#11 2,4,5-TP (SILVEX)

R.T.: 9.899 min  
Delta R.T.: 0.003 min  
Response: 11254471327  
Conc: 705.75 ng/ml



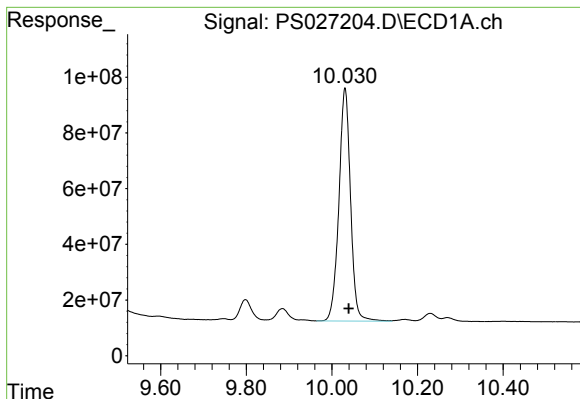
#12 2,4,5-T

R.T.: 9.461 min  
Delta R.T.: -0.008 min  
Response: 10921630608  
Conc: 738.90 ng/ml



#12 2,4,5-T

R.T.: 10.318 min  
Delta R.T.: 0.003 min  
Response: 11207293609  
Conc: 701.39 ng/ml



#13 2,4-DB

R.T.: 10.031 min  
Delta R.T.: -0.009 min  
Response: 1576790683  
Conc: 729.69 ng/ml

Instrument :

ECD\_S

ClientSampleId :

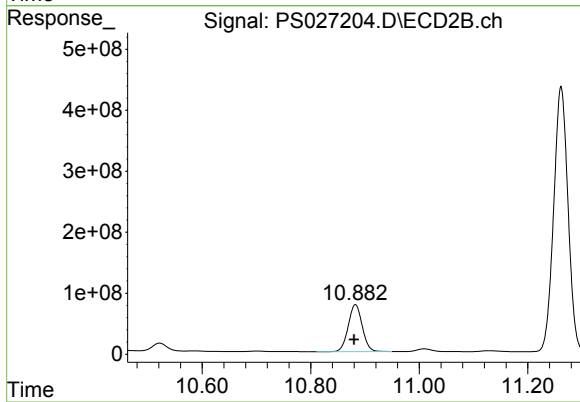
HSTDCCC750

Manual Integrations

APPROVED

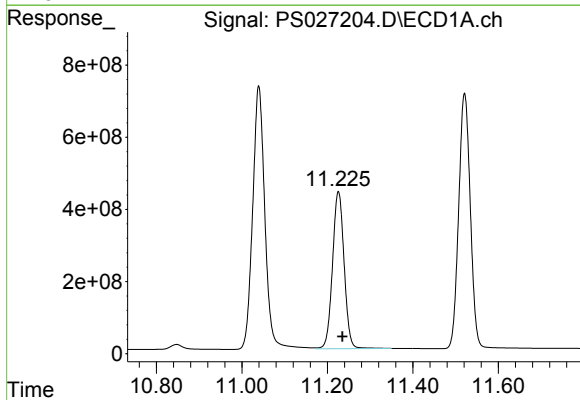
Reviewed By :Abdul Mirza 07/23/2024

Supervised By :Ankita Jodhani 07/23/2024



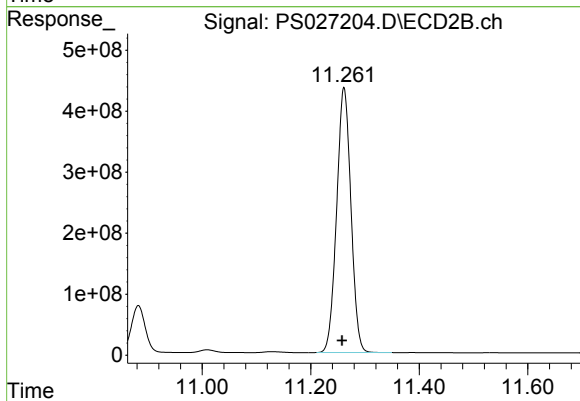
#13 2,4-DB

R.T.: 10.882 min  
Delta R.T.: 0.003 min  
Response: 1380820489  
Conc: 683.25 ng/ml



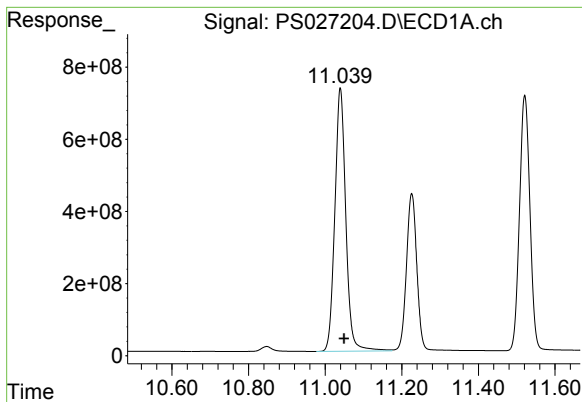
#14 DINOSEB

R.T.: 11.226 min  
Delta R.T.: -0.010 min  
Response: 8209515665  
Conc: 728.93 ng/ml



#14 DINOSEB

R.T.: 11.261 min  
Delta R.T.: 0.003 min  
Response: 7939057789  
Conc: 710.63 ng/ml



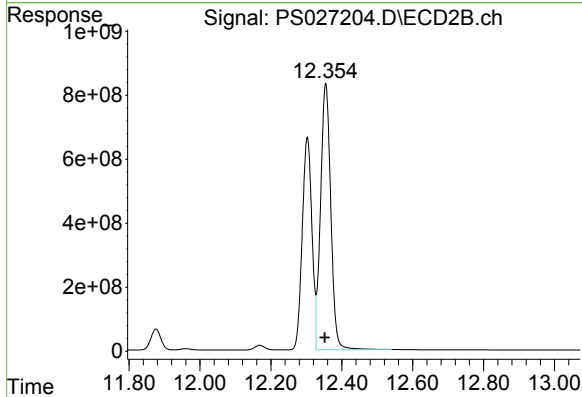
#15 Picloram

R.T.: 11.039 min  
Delta R.T.: -0.010 min  
Response: 14479324249  
Conc: 743.33 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
HSTDCCC750

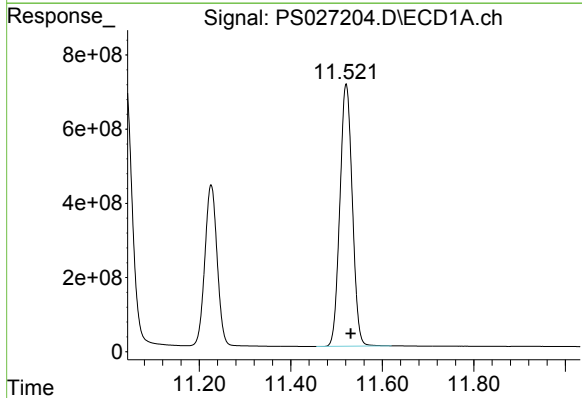
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/23/2024  
Supervised By :Ankita Jodhani 07/23/2024



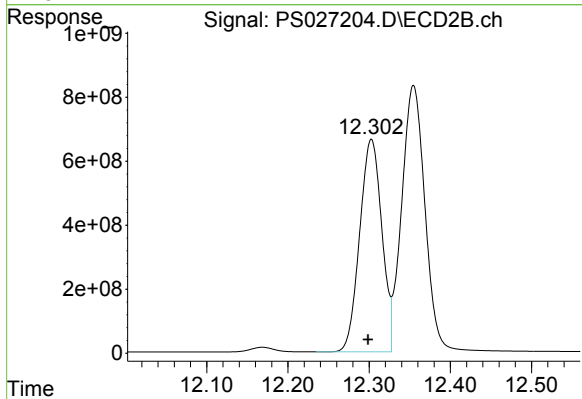
#15 Picloram

R.T.: 12.355 min  
Delta R.T.: 0.003 min  
Response: 16636894816  
Conc: 711.52 ng/ml



#16 DCPA

R.T.: 11.521 min  
Delta R.T.: -0.010 min  
Response: 13302340149  
Conc: 740.96 ng/ml



#16 DCPA

R.T.: 12.303 min  
Delta R.T.: 0.004 min  
Response: 12583331838  
Conc: 719.30 ng/ml