

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071025\
 Data File : PS031003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 23:00
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 07:17:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 2025
 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	7.333	7.768	2447.3E6	676.7E6	666.035m	631.256
Target Compounds							
1) T	Dalapon	2.701	2.710	3392.6E6	1545.3E6	568.688	563.637
2) T	3,5-DICHL...	6.495	6.714	3358.6E6	940.6E6	624.561	583.076
3) T	4-Nitroph...	7.133	7.300	998.9E6	1027.3E6	633.506	592.607
5) T	DICAMBA	7.523	7.970	9819.3E6	4033.2E6	645.367m	615.456
6) T	MCPD	7.704	8.069	632.3E6	135.6E6	67.348m	64.664
7) T	MCPA	7.854	8.318	747.8E6	196.0E6	63.750	62.305
8) T	DICHLORPROP	8.236	8.690	2274.1E6	941.8E6	607.100	598.926
9) T	2,4-D	8.468	9.026	2278.9E6	1014.3E6	661.628	596.877
10) T	Pentachlo...	8.774	9.551	35273.5E6	24779.3E6	666.476m	649.999
11) T	2,4,5-TP ...	9.354	9.932	13476.5E6	9176.0E6	672.801	635.956
12) T	2,4,5-T	9.649	10.358	12102.9E6	8772.4E6	735.600	641.980
13) T	2,4-DB	10.226	10.926	1844.6E6	728.3E6	804.275	615.697
14) T	DINOSEB	11.442	11.311	9151.5E6	6521.1E6	659.655m	604.855
15) T	Picloram	11.254	12.421	12562.9E6	15209.2E6	781.461m	654.401
16) T	DCPA	11.739	12.355	17935.8E6	14303.6E6	700.173	648.900

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071025\
Data File : PS031003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 23:00
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

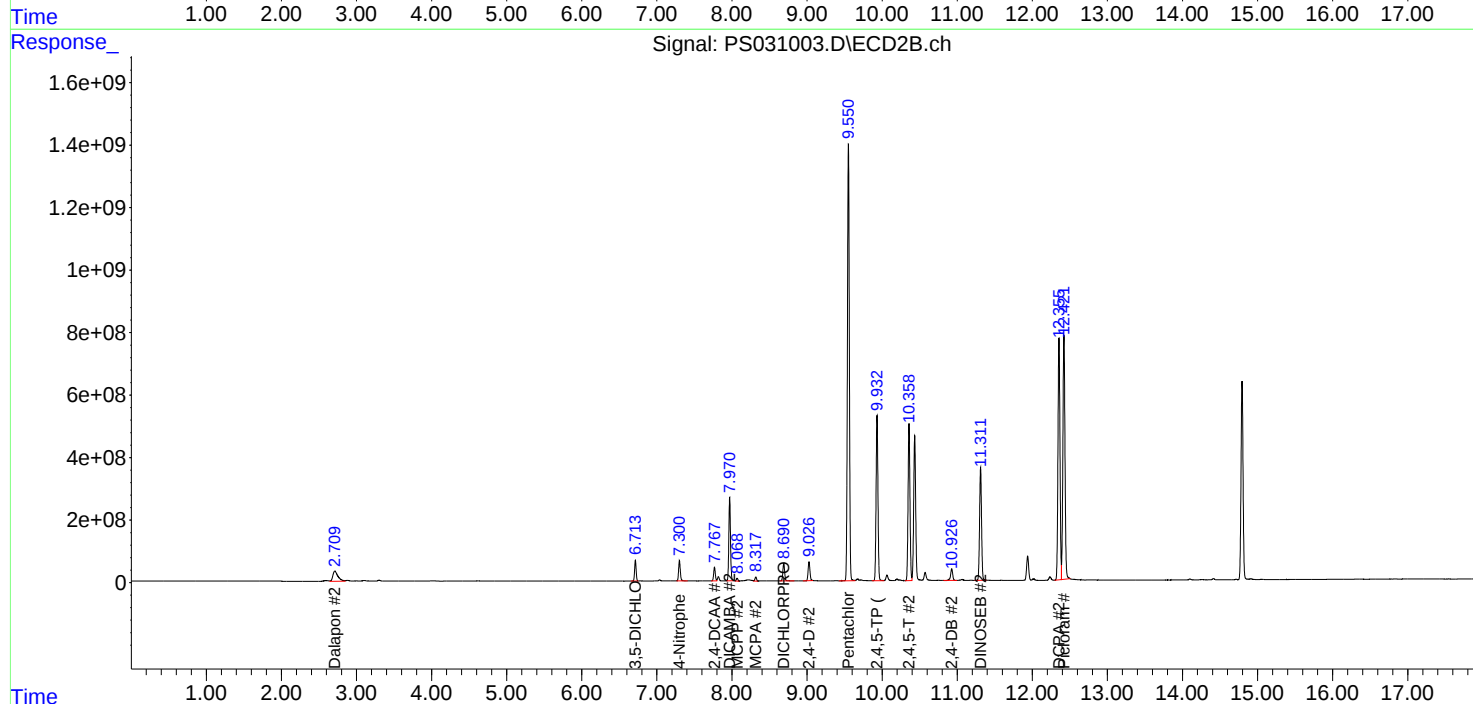
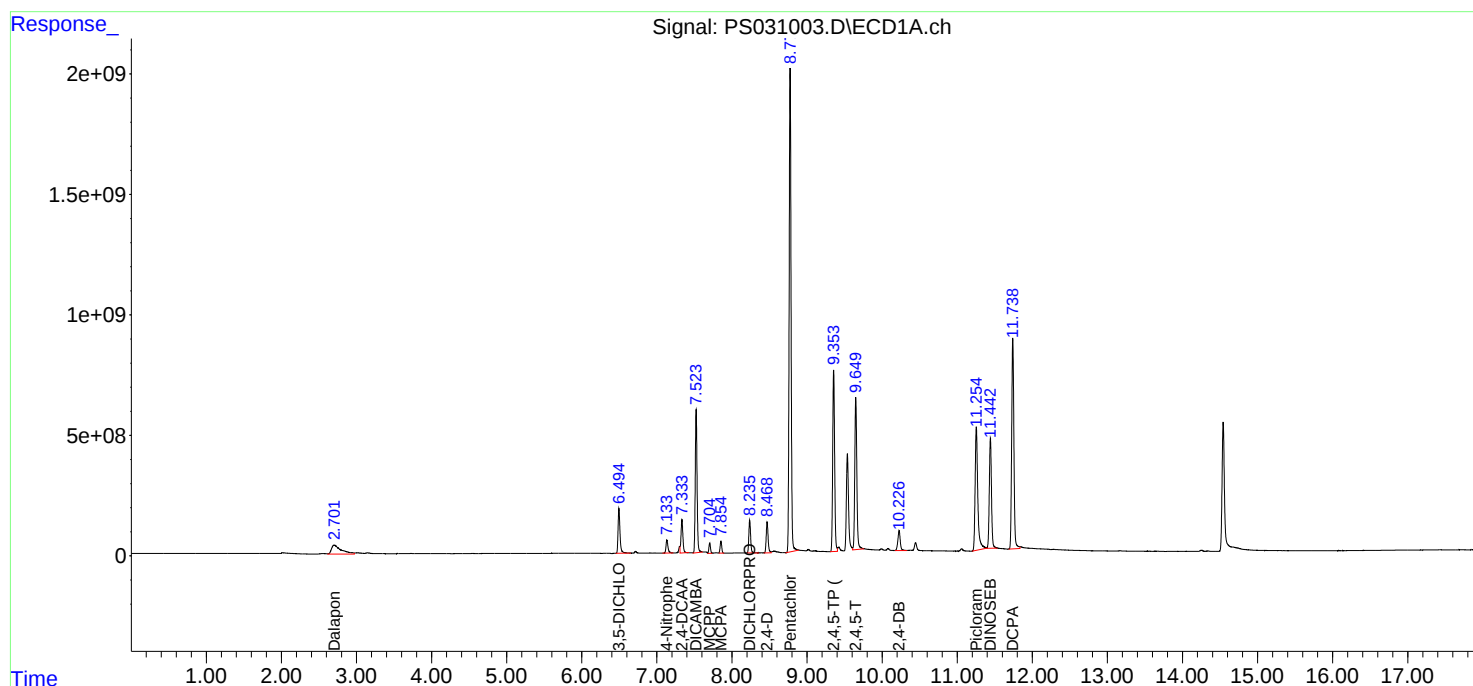
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

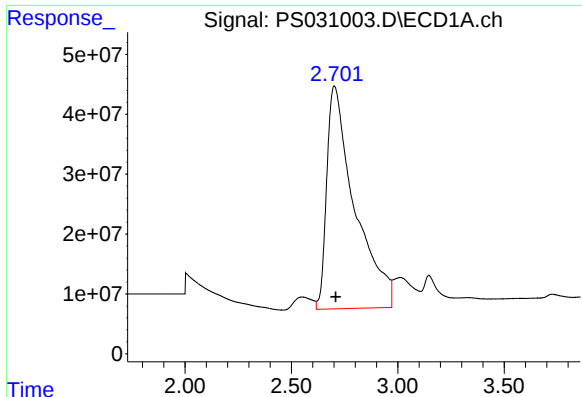
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 07:17:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
Quant Title : 8080.M
QLast Update : Thu Jun 19 05:11:26 2025
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





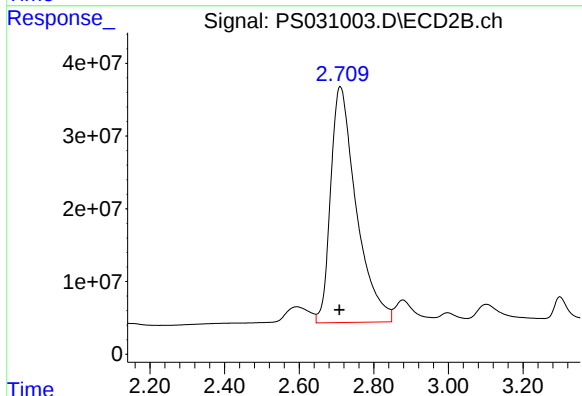
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.007 min
Response: 3392584011
Conc: 568.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

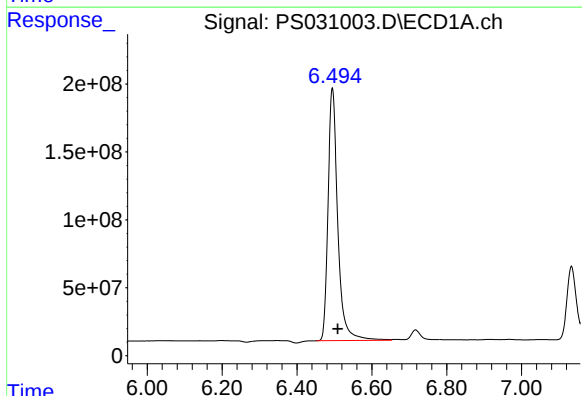
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



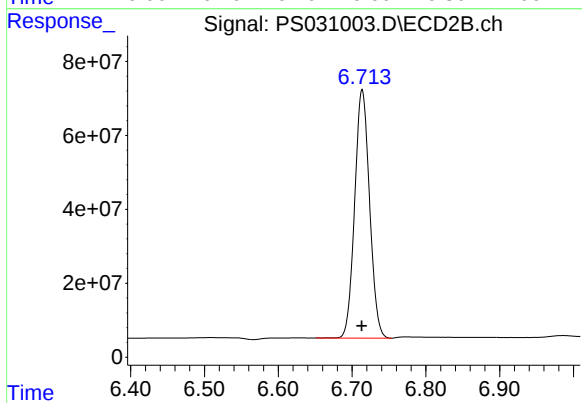
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 1545349025
Conc: 563.64 ng/ml



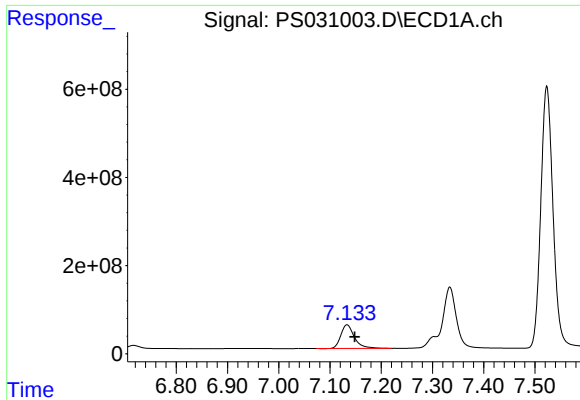
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.495 min
Delta R.T.: -0.014 min
Response: 3358611331
Conc: 624.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 940588498
Conc: 583.08 ng/ml



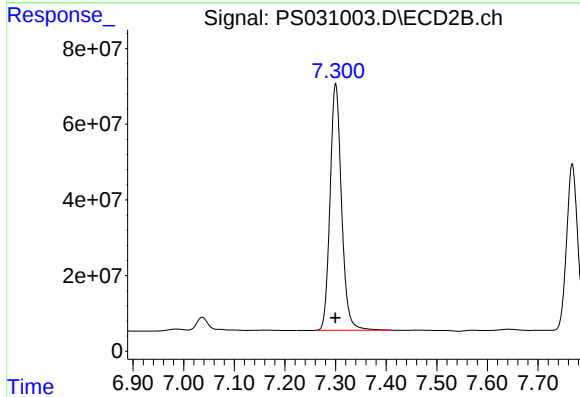
#3 4-Nitrophenol

R.T.: 7.133 min
Delta R.T.: -0.015 min
Response: 998892617
Conc: 633.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

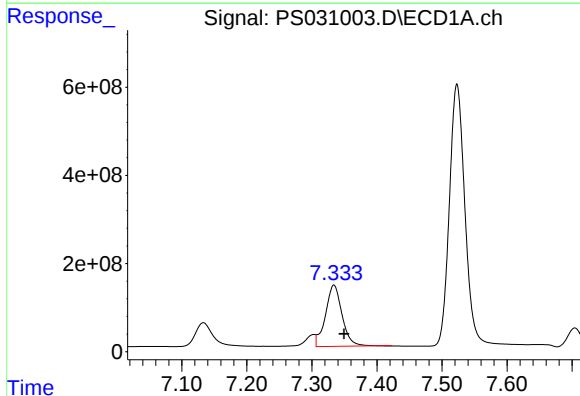
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



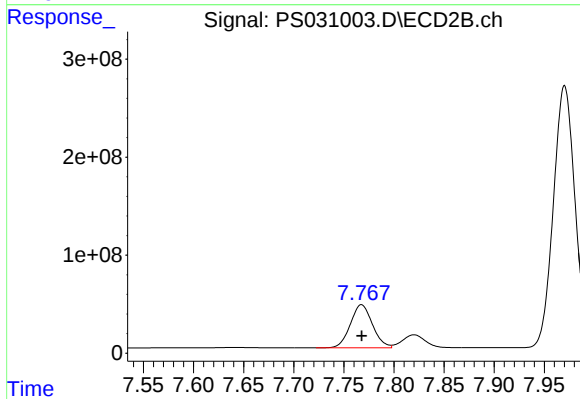
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1027304556
Conc: 592.61 ng/ml



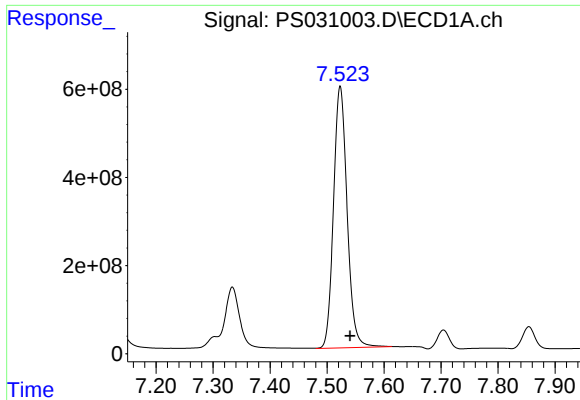
#4 2,4-DCAA

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 2447273757
Conc: 666.03 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 676683062
Conc: 631.26 ng/ml



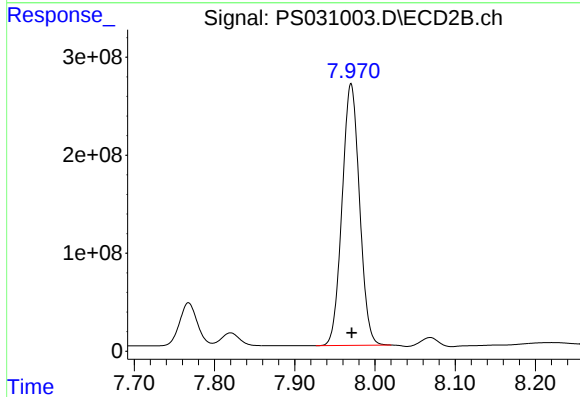
#5 DICAMBA

R.T.: 7.523 min
Delta R.T.: -0.018 min
Response: 9819321040
Conc: 645.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

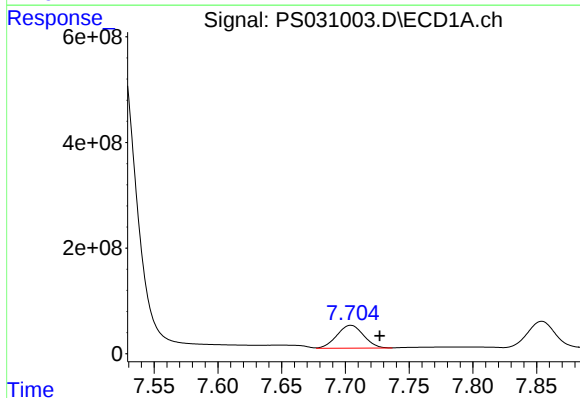
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



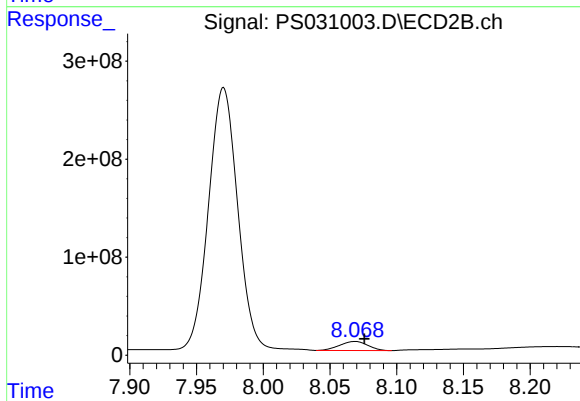
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4033214662
Conc: 615.46 ng/ml



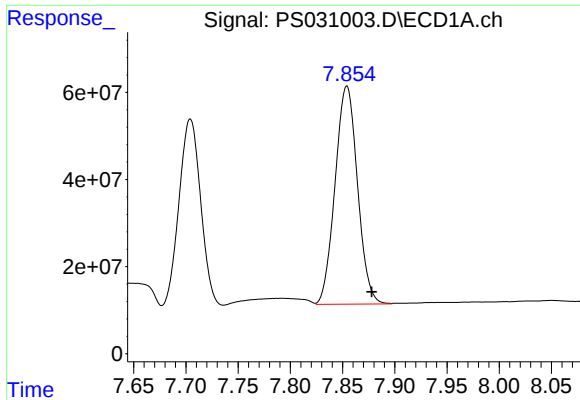
#6 MCPP

R.T.: 7.704 min
Delta R.T.: -0.023 min
Response: 632290500
Conc: 67.35 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 135621331
Conc: 64.66 ug/ml



#7 MCPA

R.T.: 7.854 min
Delta R.T.: -0.024 min
Response: 747821882
Conc: 63.75 ug/ml

Instrument :

ECD_S

ClientSampleId :

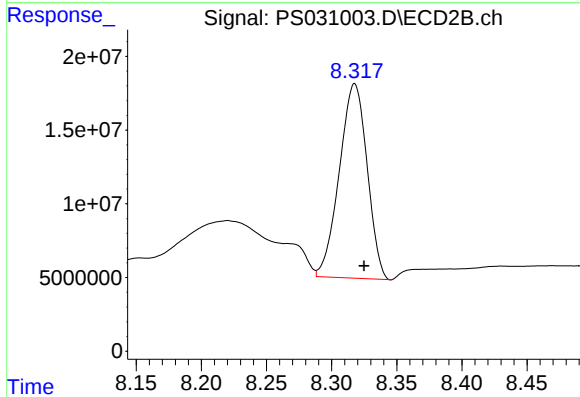
HSTDCCC750

Manual Integrations

APPROVED

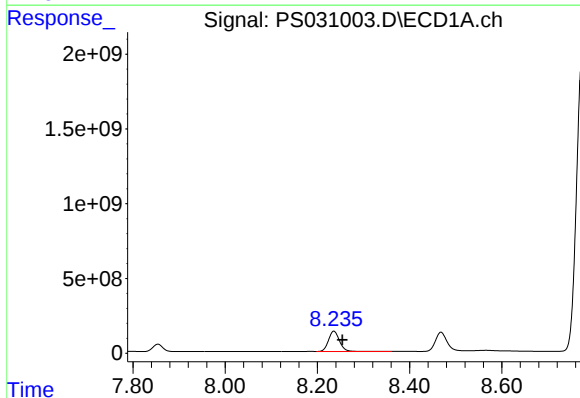
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025



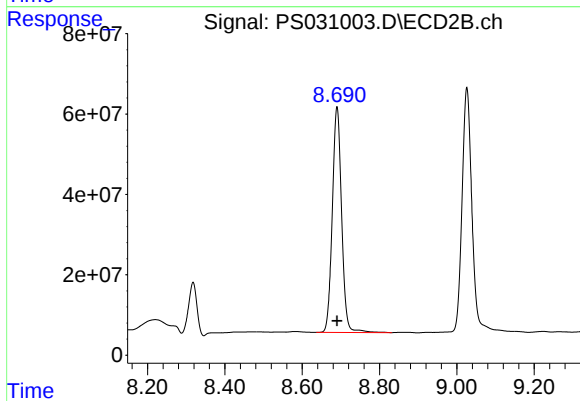
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 195995869
Conc: 62.31 ug/ml



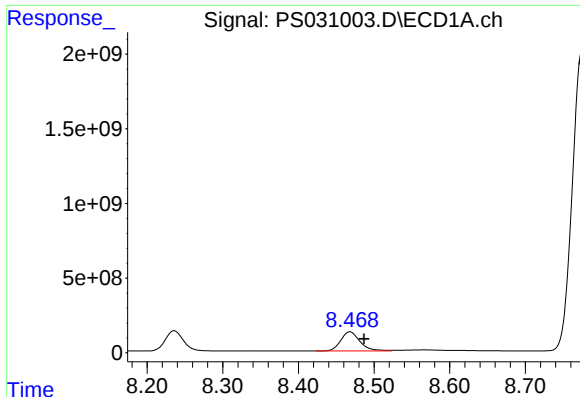
#8 DICHLORPROP

R.T.: 8.236 min
Delta R.T.: -0.019 min
Response: 2274054183
Conc: 607.10 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 941808849
Conc: 598.93 ng/ml



#9 2,4-D

R.T.: 8.468 min
Delta R.T.: -0.019 min
Response: 2278921094
Conc: 661.63 ng/ml

Instrument :

ECD_S

ClientSampleId :

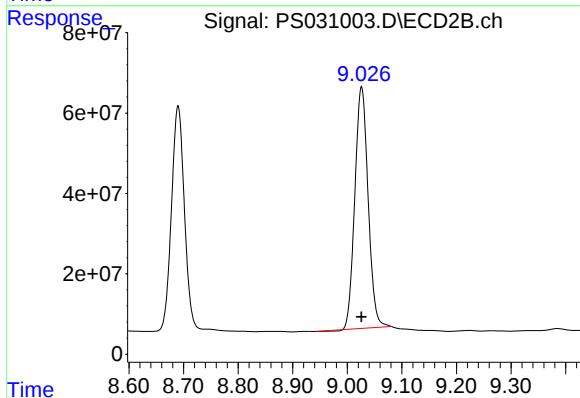
HSTDCCC750

Manual Integrations

APPROVED

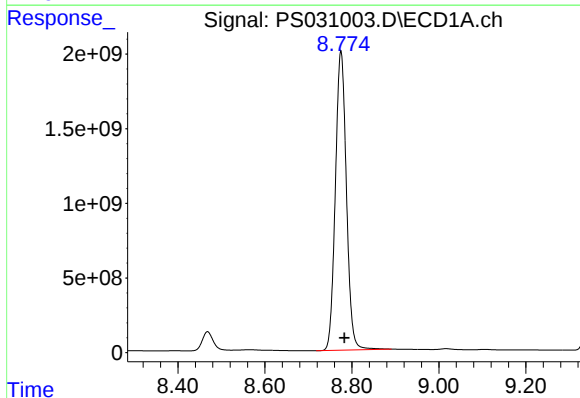
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025



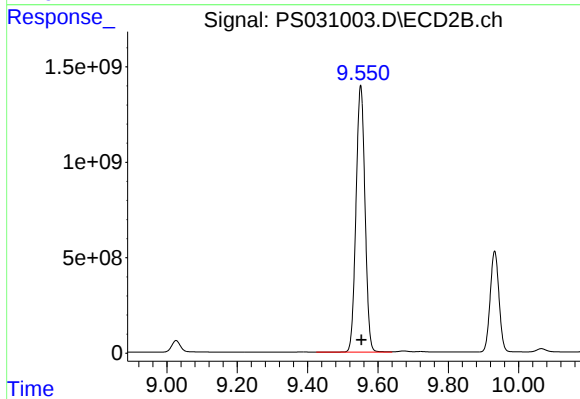
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1014336112
Conc: 596.88 ng/ml



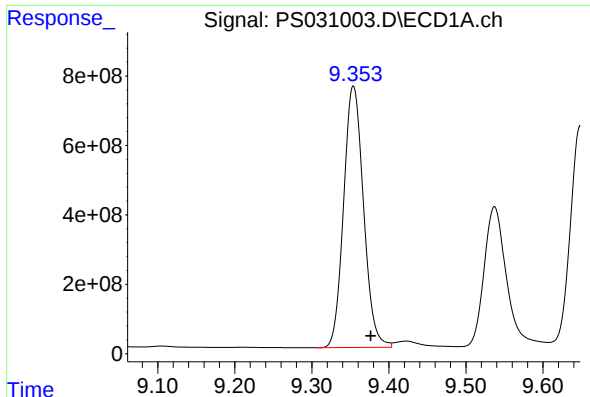
#10 Pentachlorophenol

R.T.: 8.774 min
Delta R.T.: -0.009 min
Response: 35273517213
Conc: 666.48 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 24779331387
Conc: 650.00 ng/ml



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

R.T.: 9.354 min
Delta R.T.: -0.023 min
Response: 13476486926
Conc: 672.80 ng/ml

Instrument :

ECD_S

ClientSampleId :

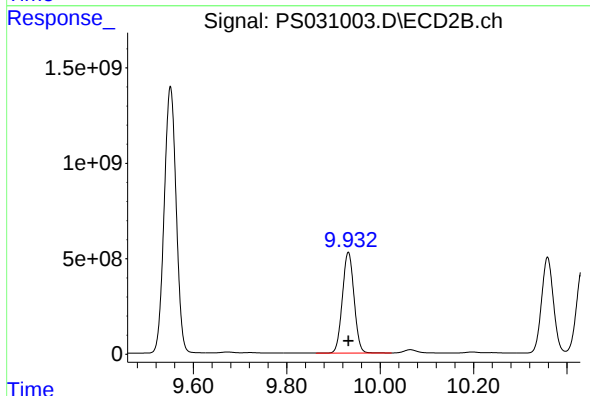
HSTDCCC750

Manual Integrations

APPROVED

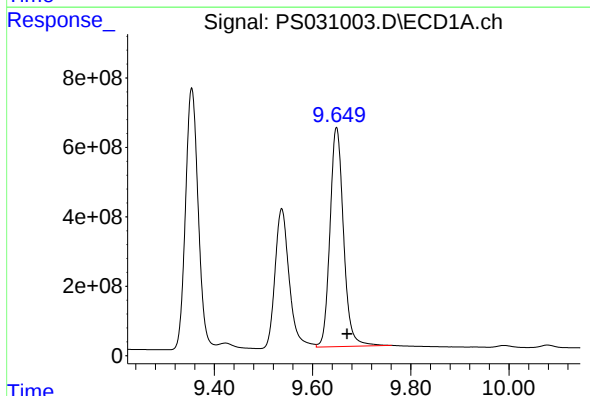
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025



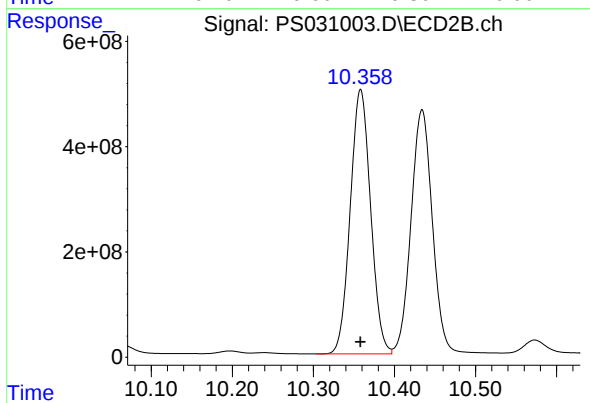
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 9176012699
Conc: 635.96 ng/ml



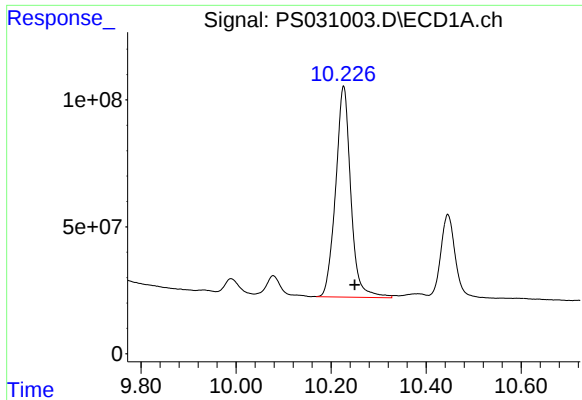
#12 2,4,5-T

R.T.: 9.649 min
Delta R.T.: -0.021 min
Response: 12102946155
Conc: 735.60 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 8772415485
Conc: 641.98 ng/ml



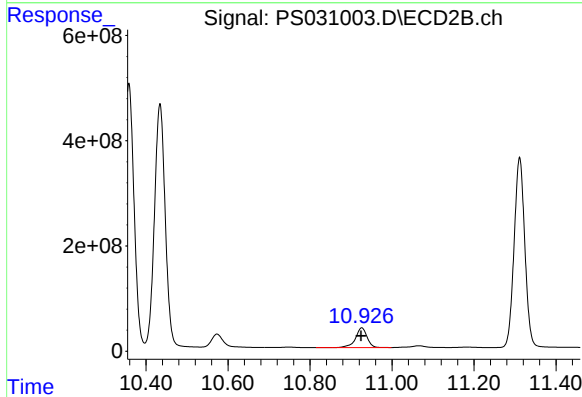
#13 2,4-DB

R.T.: 10.226 min
Delta R.T.: -0.024 min
Response: 1844607296
Conc: 804.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

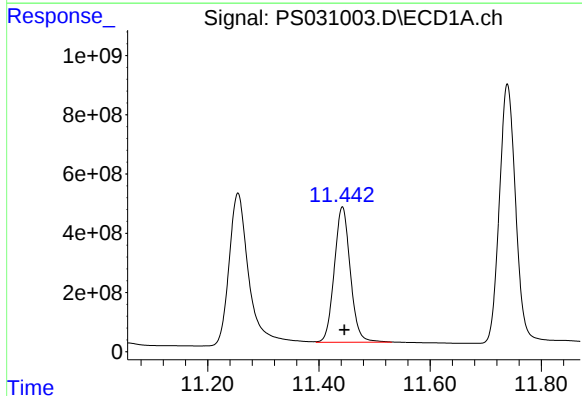
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



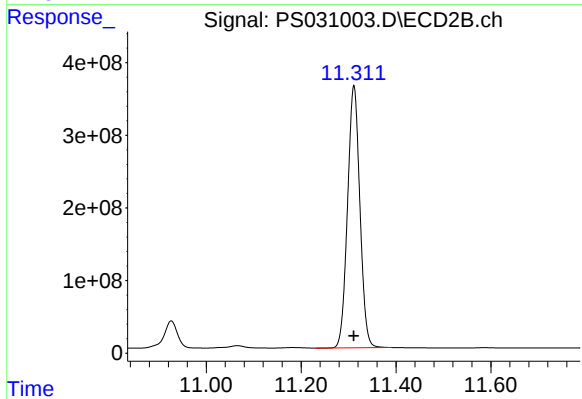
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.001 min
Response: 728310052
Conc: 615.70 ng/ml



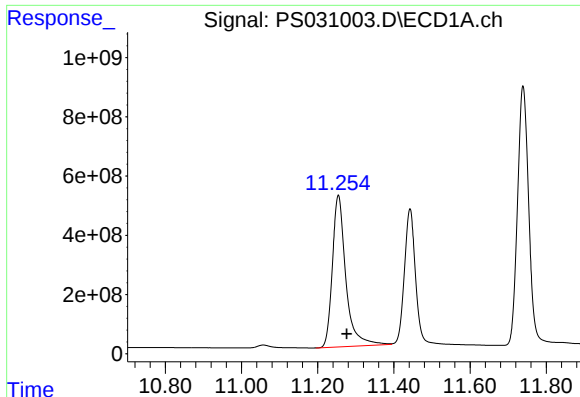
#14 DINOSEB

R.T.: 11.442 min
Delta R.T.: -0.004 min
Response: 9151521242
Conc: 659.66 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 6521096032
Conc: 604.86 ng/ml



#15 Picloram

R.T.: 11.254 min
Delta R.T.: -0.022 min
Response: 12562851482
Conc: 781.46 ng/ml

Instrument :

ECD_S

ClientSampleId :

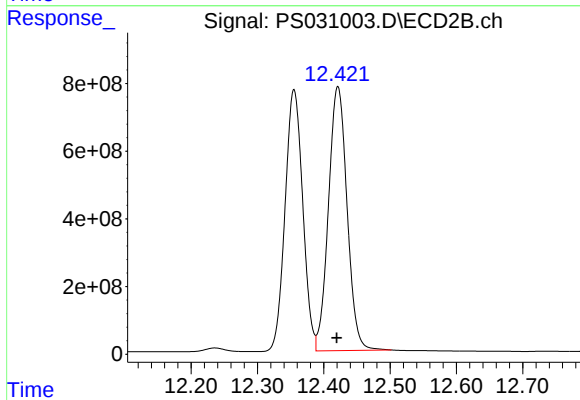
HSTDCCC750

Manual Integrations

APPROVED

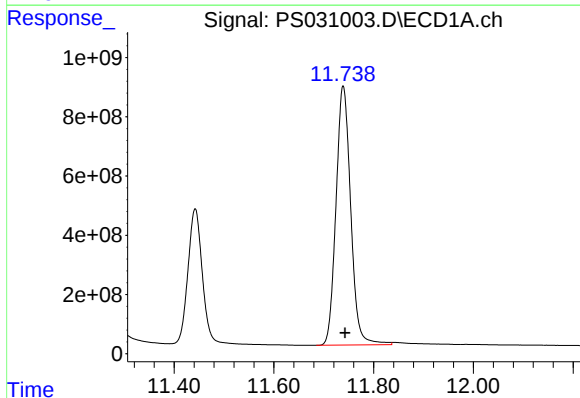
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025



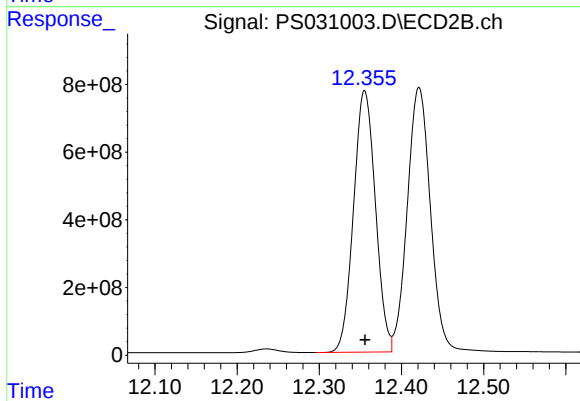
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.002 min
Response: 15209208693
Conc: 654.40 ng/ml



#16 DCPA

R.T.: 11.739 min
Delta R.T.: -0.004 min
Response: 17935822263
Conc: 700.17 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 14303564570
Conc: 648.90 ng/ml