

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 11:05
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

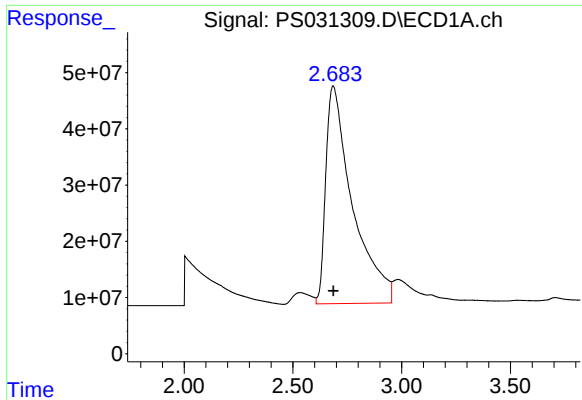
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 11:28:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.310	7.762	2254.6E6	609.0E6	773.882	729.250
Target Compounds							
1) T	Dalapon	2.684	2.702	3300.0E6	1640.3E6	684.004	667.829
2) T	3,5-DICHL...	6.474	6.710	3121.2E6	895.8E6	732.179m	693.186
3) T	4-Nitroph...	7.111	7.302	737.0E6	844.2E6	723.812	653.979
5) T	DICAMBA	7.497	7.961	9285.9E6	3779.0E6	718.694	697.120
6) T	MCPD	7.677	8.059	600.9E6	131.7E6	74.708m	77.026m
7) T	MCPA	7.827	8.308	717.6E6	189.4E6	73.408	72.998
8) T	DICHLORPROP	8.207	8.681	2126.6E6	900.9E6	699.547	692.965
9) T	2,4-D	8.440	9.021	1848.3E6	960.6E6	712.717	688.365
10) T	Pentachlo...	8.738	9.533	35368.9E6	24546.0E6	777.702	732.795
11) T	2,4,5-TP ...	9.319	9.919	12178.8E6	9014.6E6	730.965	709.653
12) T	2,4,5-T	9.615	10.348	9721.9E6	8185.7E6	730.928	701.749
13) T	2,4-DB	10.191	10.918	1255.9E6	664.3E6	718.794	687.804
14) T	DINOSEB	11.397	11.296	8316.0E6	6551.2E6	725.429	701.421
15) T	Picloram	11.219	12.417	7981.6E6	11322.6E6	681.625	662.336
16) T	DCPA	11.696	12.339	15620.7E6	13422.6E6	753.307m	719.641

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



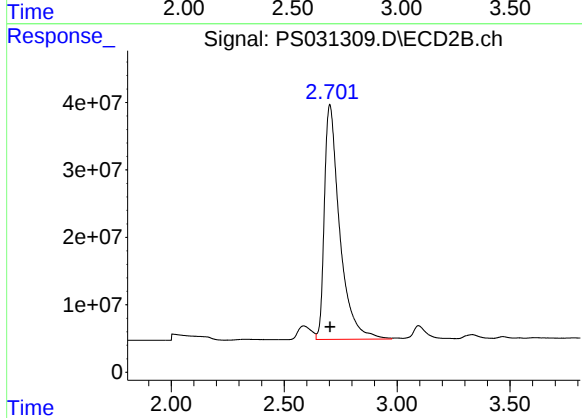
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.003 min
Response: 3300021374
Conc: 684.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

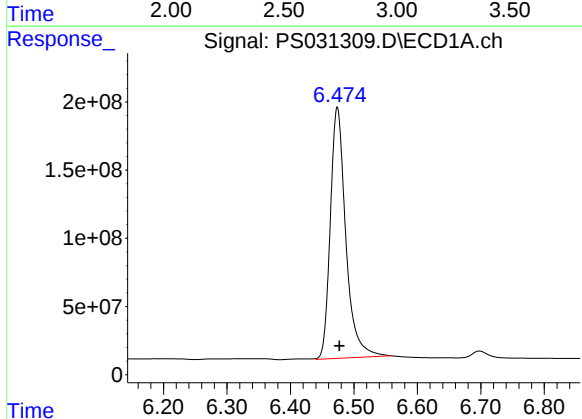
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



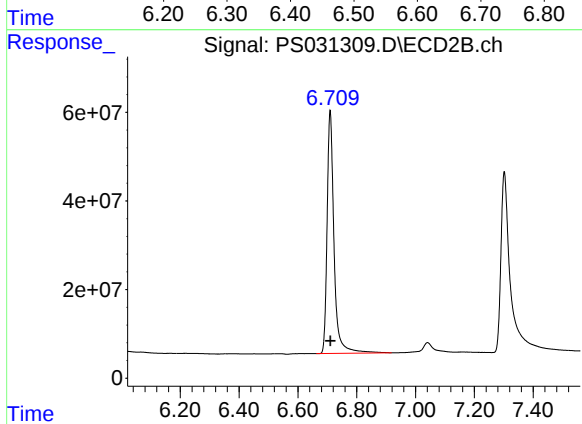
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 1640312968
Conc: 667.83 ng/ml



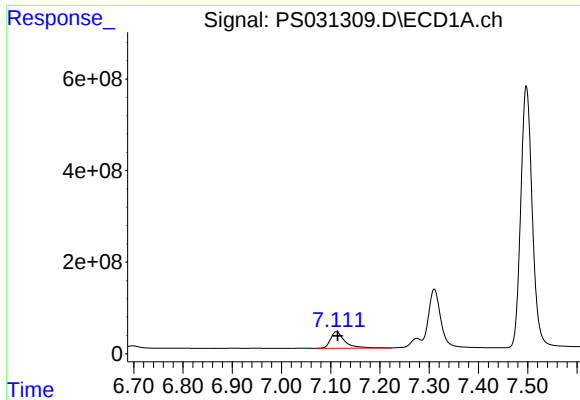
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 3121229466
Conc: 732.18 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 895783768
Conc: 693.19 ng/ml



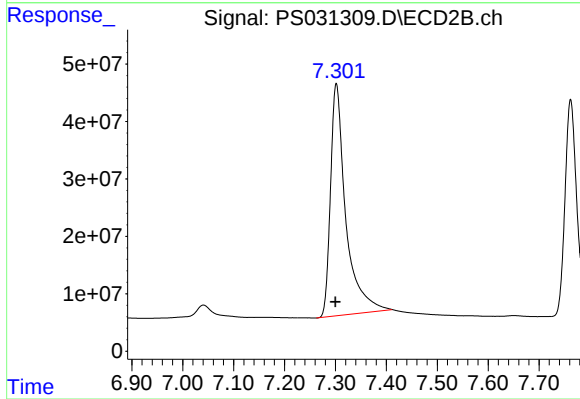
#3 4-Nitrophenol

R.T.: 7.111 min
Delta R.T.: -0.003 min
Response: 736985912
Conc: 723.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

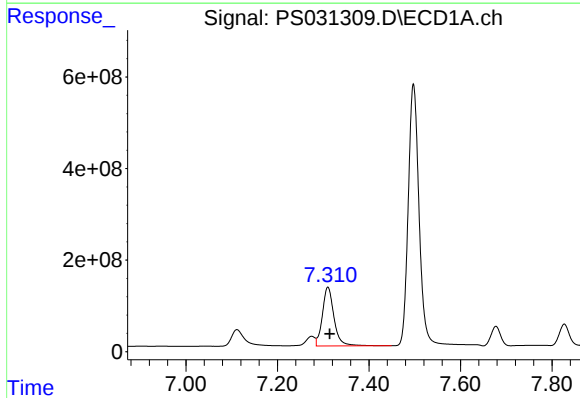
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



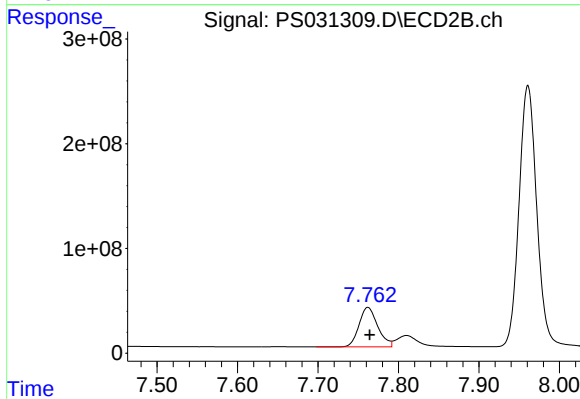
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 844228869
Conc: 653.98 ng/ml



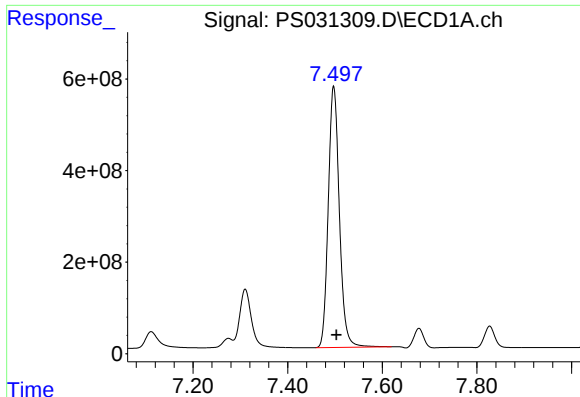
#4 2,4-DCAA

R.T.: 7.310 min
Delta R.T.: -0.004 min
Response: 2254631318
Conc: 773.88 ng/ml



#4 2,4-DCAA

R.T.: 7.762 min
Delta R.T.: -0.002 min
Response: 608982892
Conc: 729.25 ng/ml



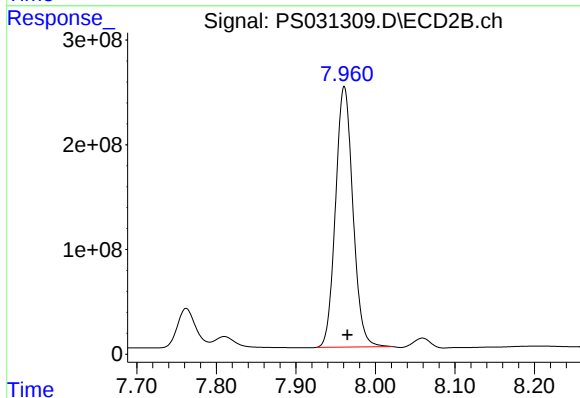
#5 DICAMBA

R.T.: 7.497 min
Delta R.T.: -0.006 min
Response: 9285947352
Conc: 718.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

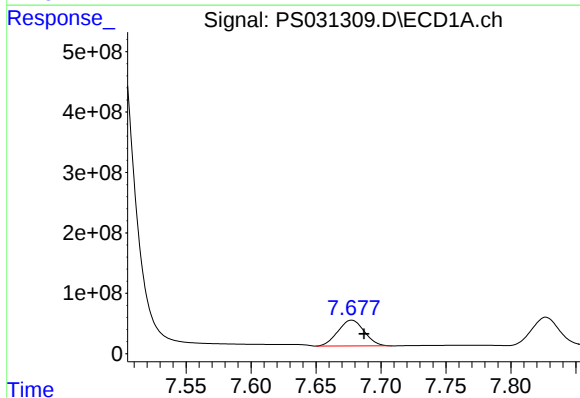
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



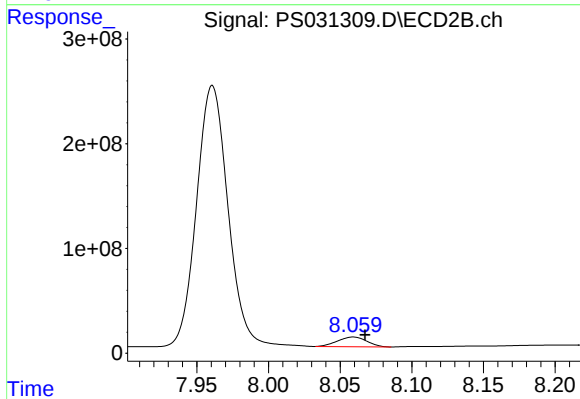
#5 DICAMBA

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 3778980027
Conc: 697.12 ng/ml



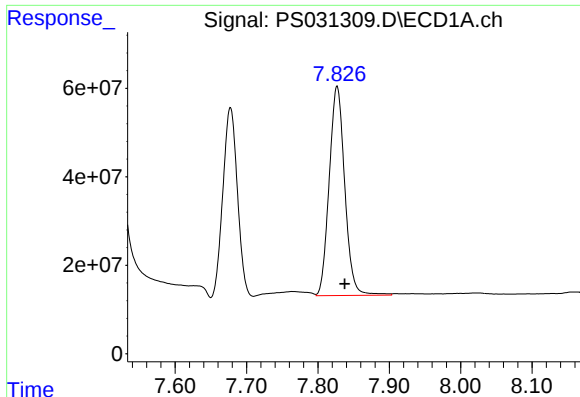
#6 MCPP

R.T.: 7.677 min
Delta R.T.: -0.010 min
Response: 600851728
Conc: 74.71 ug/ml m



#6 MCPP

R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 131667291
Conc: 77.03 ug/ml m



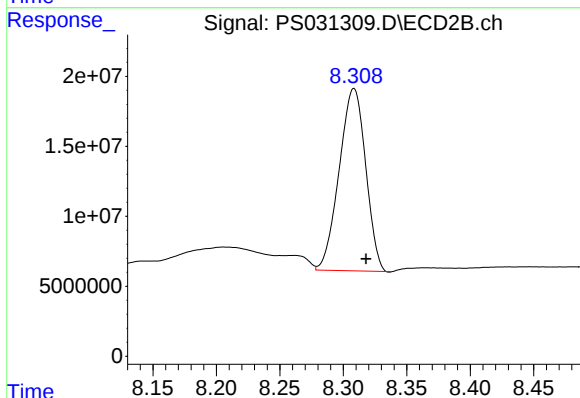
#7 MCPA

R.T.: 7.827 min
Delta R.T.: -0.011 min
Response: 717636012
Conc: 73.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

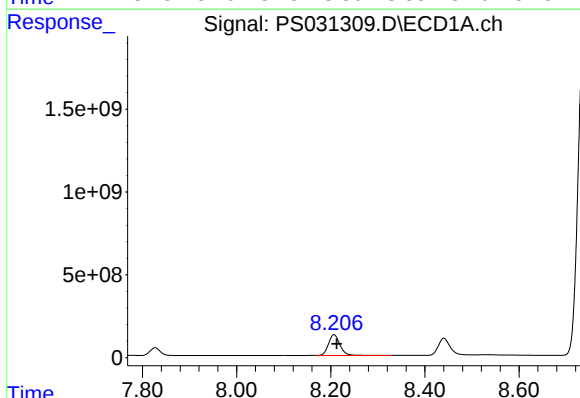
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



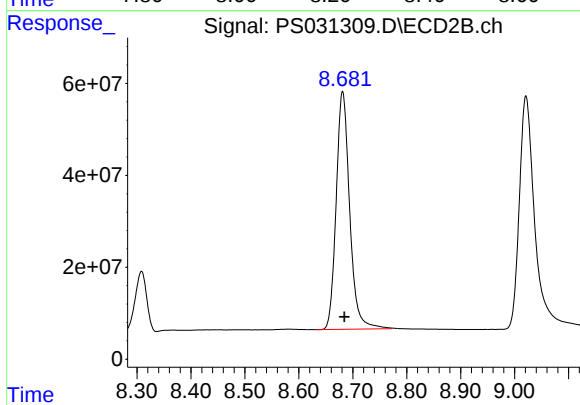
#7 MCPA

R.T.: 8.308 min
Delta R.T.: -0.010 min
Response: 189354138
Conc: 73.00 ug/ml



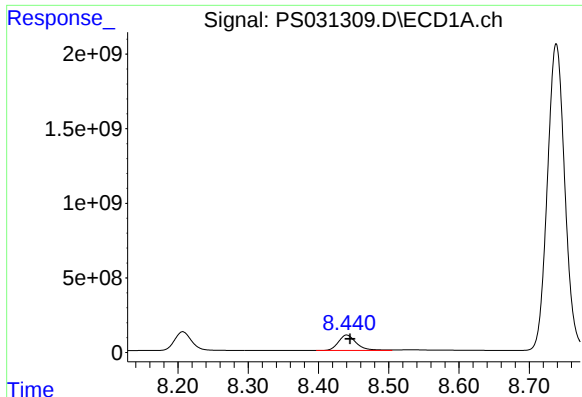
#8 DICHLORPROP

R.T.: 8.207 min
Delta R.T.: -0.006 min
Response: 2126630996
Conc: 699.55 ng/ml



#8 DICHLORPROP

R.T.: 8.681 min
Delta R.T.: -0.003 min
Response: 900894580
Conc: 692.97 ng/ml



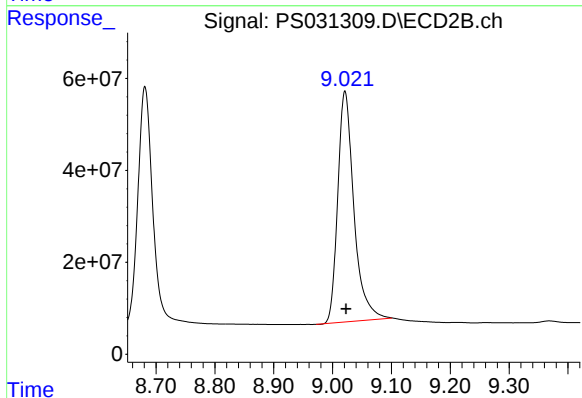
#9 2,4-D

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 1848315886
Conc: 712.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

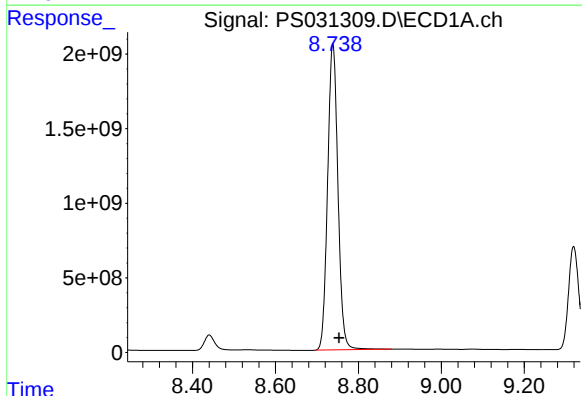
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



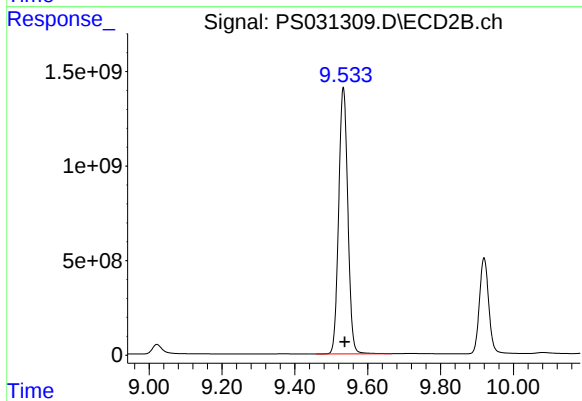
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 960633587
Conc: 688.36 ng/ml



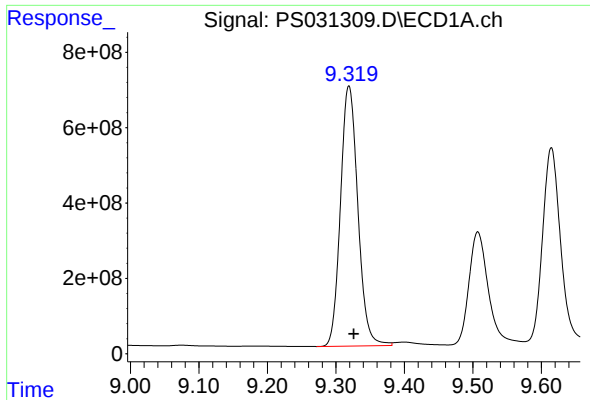
#10 Pentachlorophenol

R.T.: 8.738 min
Delta R.T.: -0.015 min
Response: 35368921954
Conc: 777.70 ng/ml



#10 Pentachlorophenol

R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 24545976147
Conc: 732.79 ng/ml



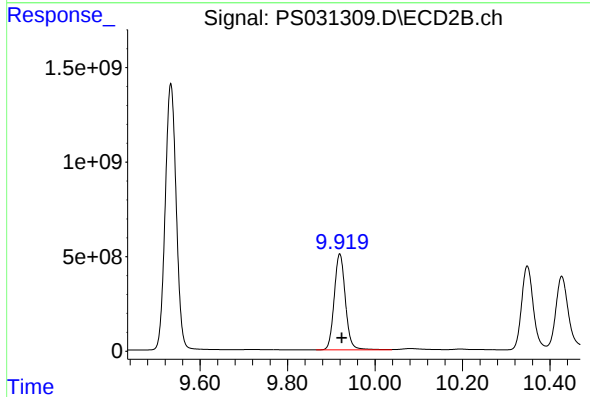
#11 2,4,5-TP (SILVEX)

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 12178790308
Conc: 730.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

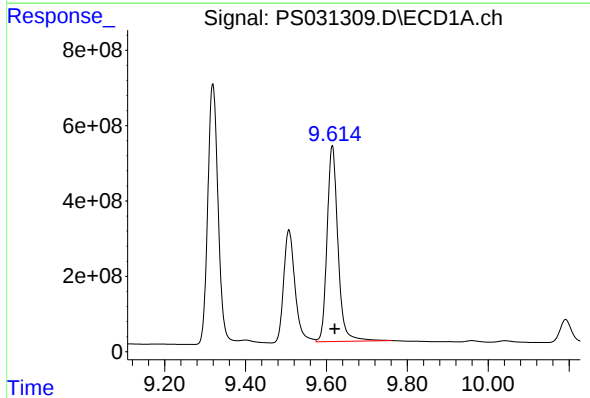
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



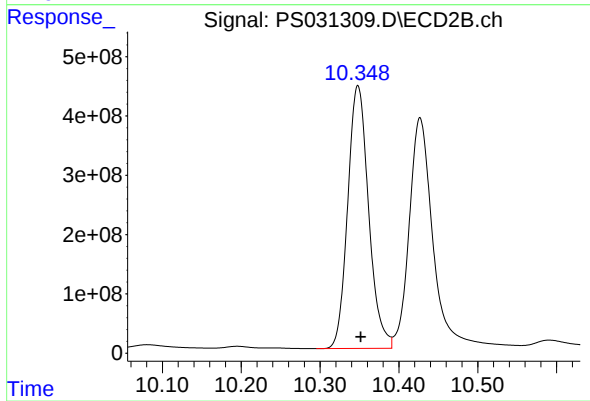
#11 2,4,5-TP (SILVEX)

R.T.: 9.919 min
Delta R.T.: -0.004 min
Response: 9014576904
Conc: 709.65 ng/ml



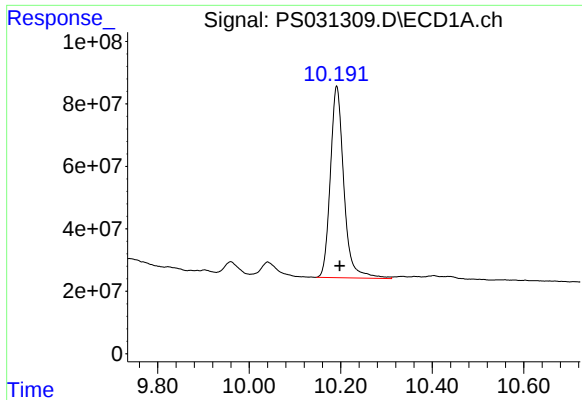
#12 2,4,5-T

R.T.: 9.615 min
Delta R.T.: -0.006 min
Response: 9721874290
Conc: 730.93 ng/ml



#12 2,4,5-T

R.T.: 10.348 min
Delta R.T.: -0.003 min
Response: 8185671134
Conc: 701.75 ng/ml



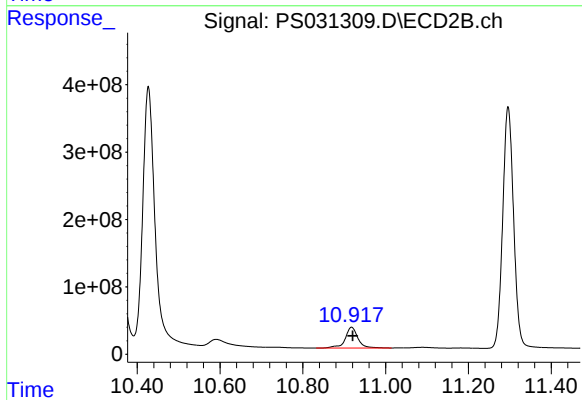
#13 2,4-DB

R.T.: 10.191 min
Delta R.T.: -0.007 min
Response: 1255915054
Conc: 718.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

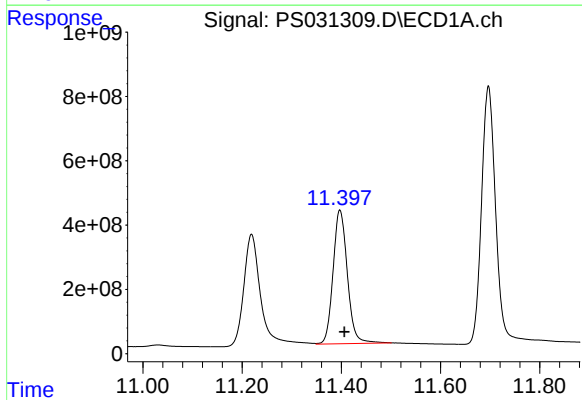
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



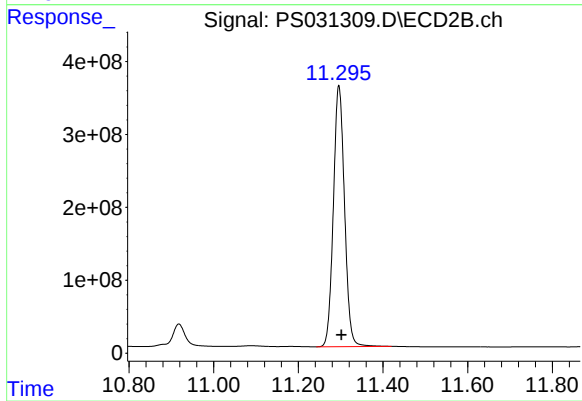
#13 2,4-DB

R.T.: 10.918 min
Delta R.T.: -0.003 min
Response: 664319036
Conc: 687.80 ng/ml



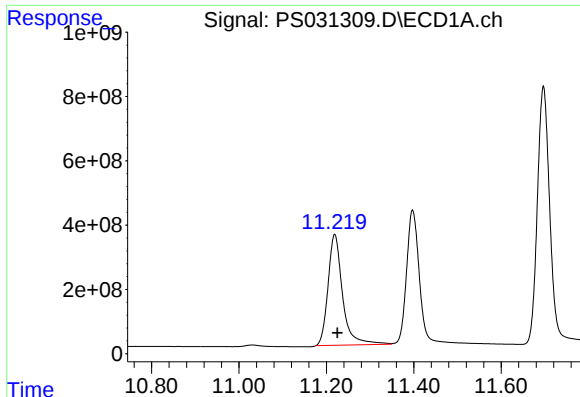
#14 DINOSEB

R.T.: 11.397 min
Delta R.T.: -0.009 min
Response: 8315982663
Conc: 725.43 ng/ml



#14 DINOSEB

R.T.: 11.296 min
Delta R.T.: -0.006 min
Response: 6551228577
Conc: 701.42 ng/ml



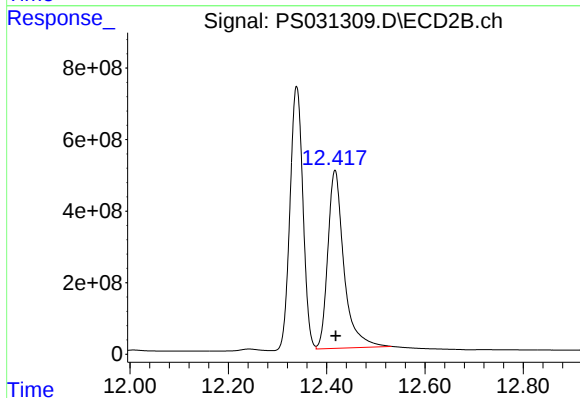
#15 Picloram

R.T.: 11.219 min
Delta R.T.: -0.006 min
Response: 7981579870
Conc: 681.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

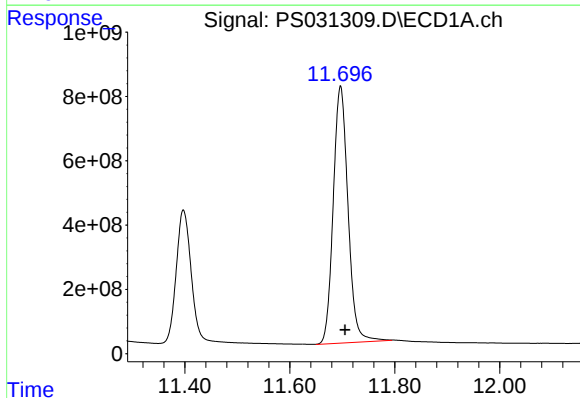
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



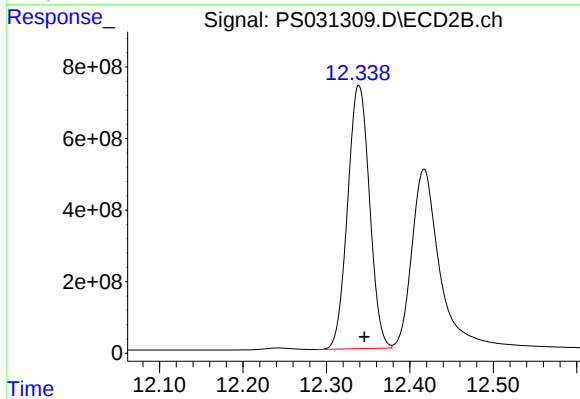
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 11322588325
Conc: 662.34 ng/ml



#16 DCPA

R.T.: 11.696 min
Delta R.T.: -0.009 min
Response: 15620672079
Conc: 753.31 ng/ml m



#16 DCPA

R.T.: 12.339 min
Delta R.T.: -0.007 min
Response: 13422581472
Conc: 719.64 ng/ml