

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 22:35
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:39:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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 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	6.933	7.454	2102.8E6	604.3E6	738.382	755.148
Target Compounds							
1) T	Dalapon	2.447	2.521	3175.8E6	1355.5E6	646.095	667.377
2) T	3,5-DICHL...	6.139	6.453	2863.5E6	793.3E6	686.599	680.454
3) T	4-Nitroph...	6.724	6.988	1406.8E6	647.4E6	681.042	620.099
5) T	DICAMBA	7.110	7.639	8133.8E6	3421.1E6	703.775	723.576
6) T	MCPD	7.289	7.747	558.2E6	134.0E6	76.642	72.832
7) T	MCPA	7.432	7.978	737.1E6	189.4E6	71.005	71.800
8) T	DICHLORPROP	7.789	8.332	2020.9E6	829.7E6	691.763	702.268
9) T	2,4-D	8.009	8.645	2276.8E6	919.7E6	694.384	712.664
10) T	Pentachlo...	8.287	9.144	29335.9E6	18055.0E6	724.329	731.416
11) T	2,4,5-TP ...	8.851	9.523	11567.3E6	7154.4E6	714.210	726.306
12) T	2,4,5-T	9.132	9.927	11791.4E6	6657.1E6	713.970	723.309
13) T	2,4-DB	9.690	10.485	1949.5E6	652.7E6	747.018	657.749
14) T	DINOSEB	10.851	10.859	7949.3E6	4774.7E6	695.088	698.878
15) T	Picloram	10.671	11.895	15159.6E6	9653.9E6	708.823	685.985m
16) T	DCPA	11.153	11.895	14308.9E6	10826.9E6	718.625	801.371m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 22:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

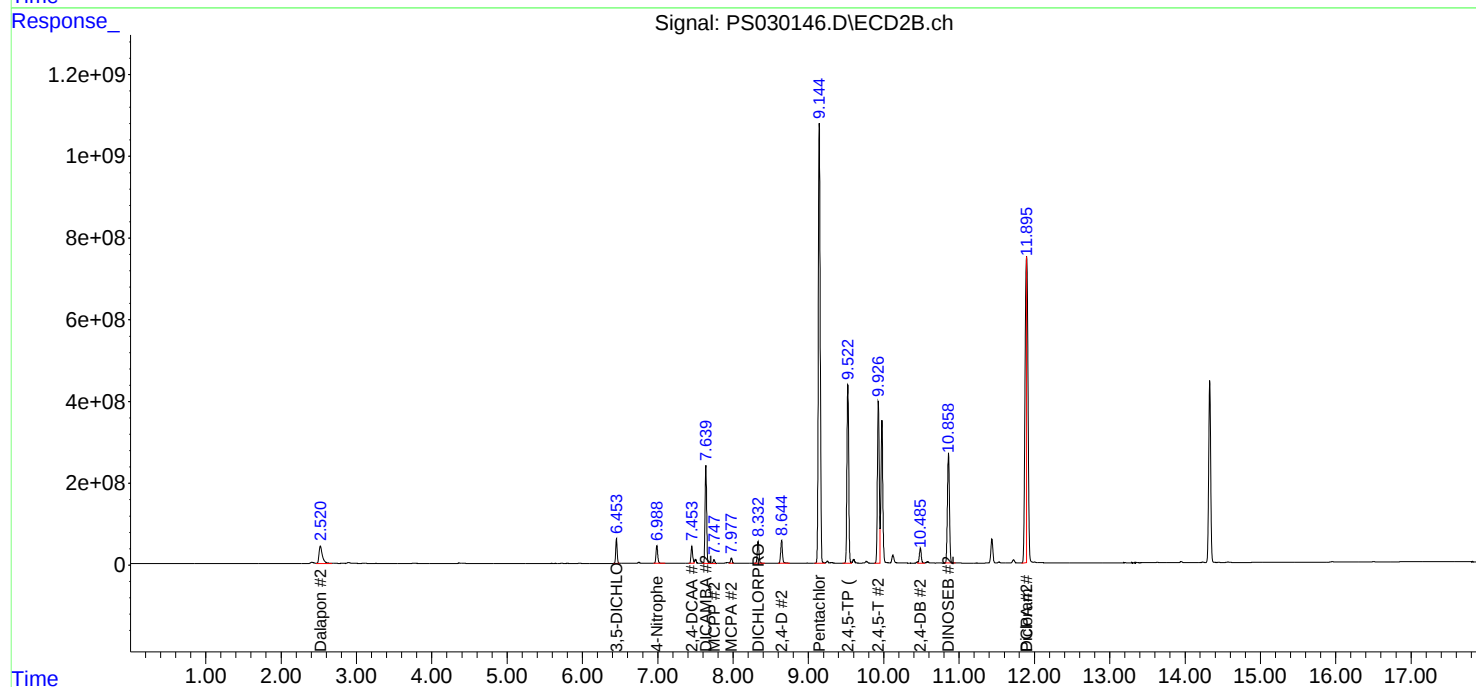
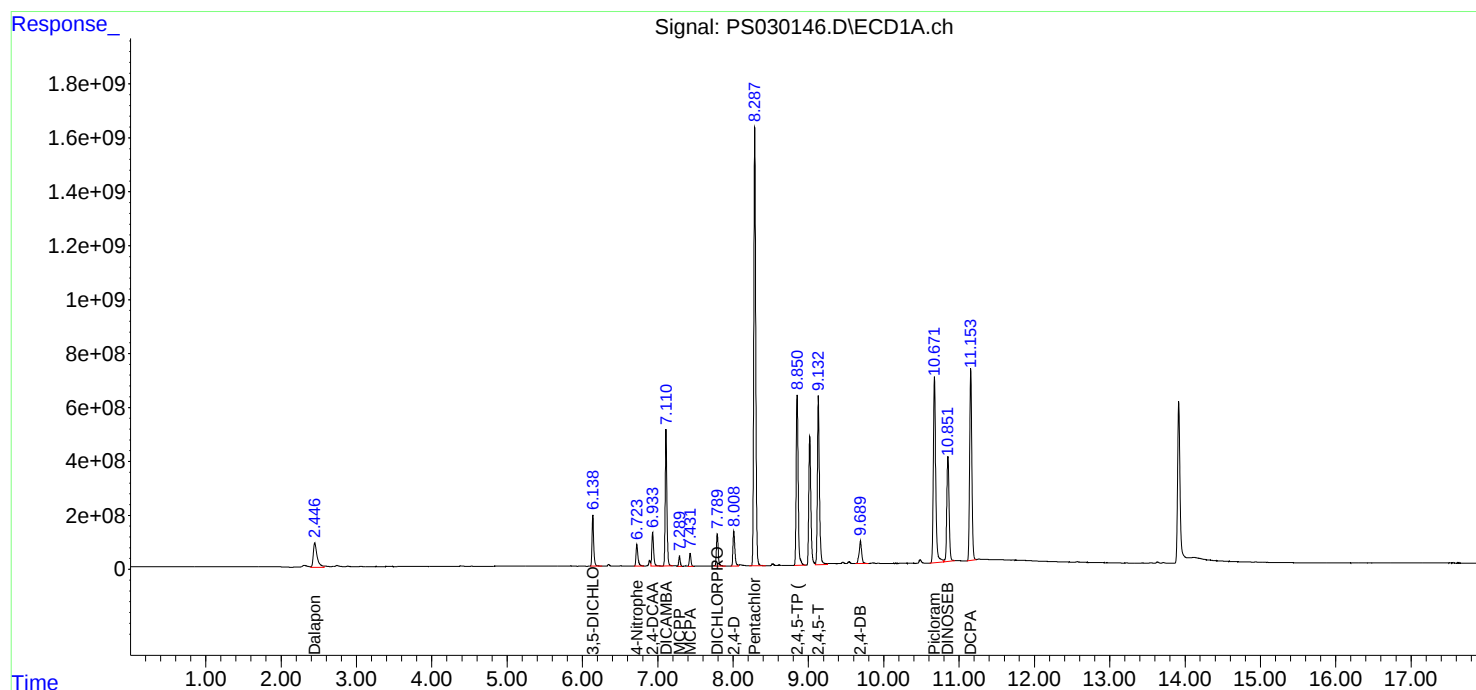
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

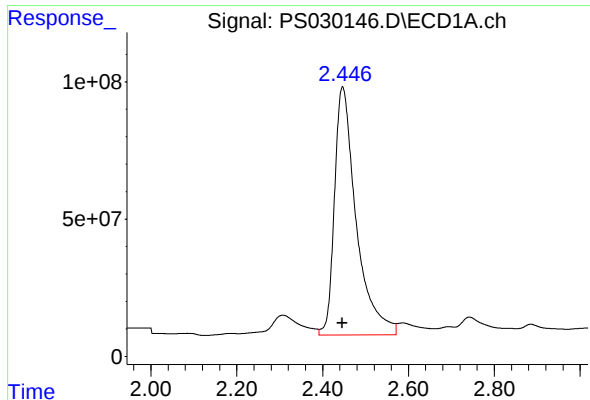
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/13/2025
Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:39:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





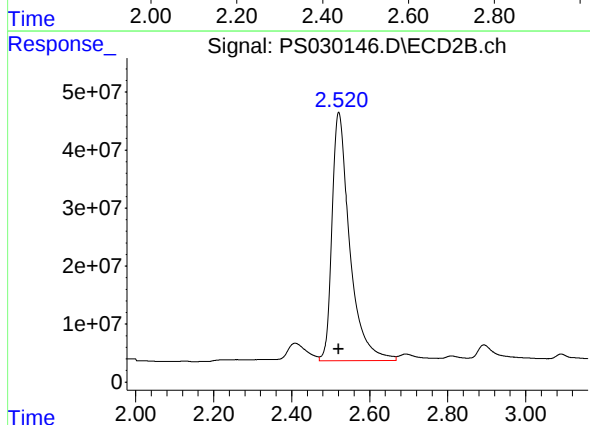
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 3175789821
Conc: 646.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

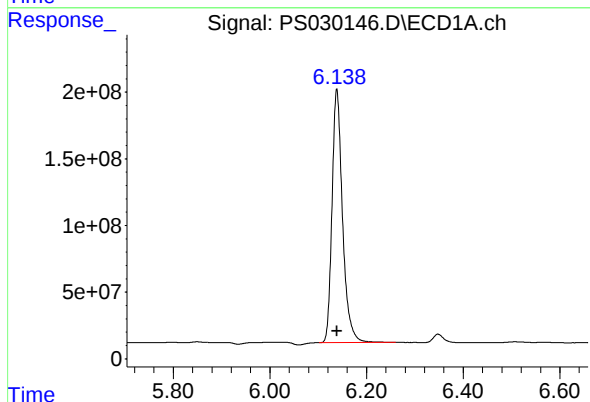
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



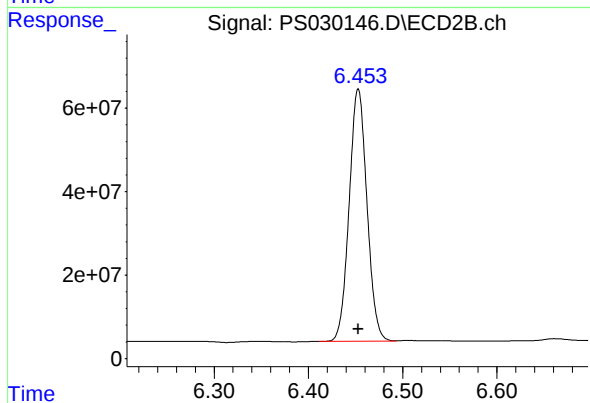
#1 Dalapon

R.T.: 2.521 min
Delta R.T.: 0.000 min
Response: 1355477127
Conc: 667.38 ng/ml



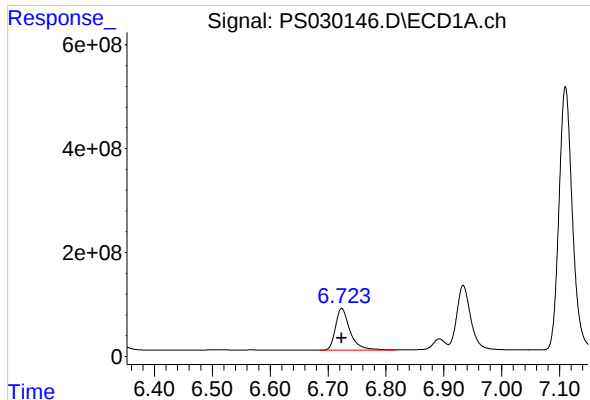
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2863496932
Conc: 686.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 793294098
Conc: 680.45 ng/ml



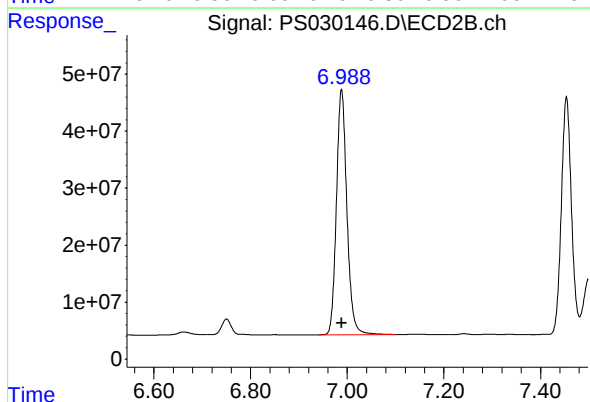
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1406770565
Conc: 681.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

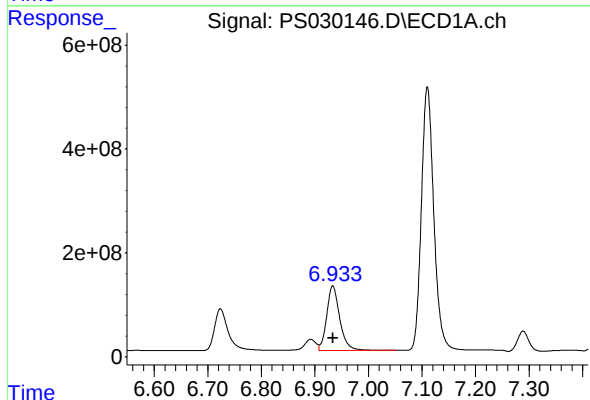
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



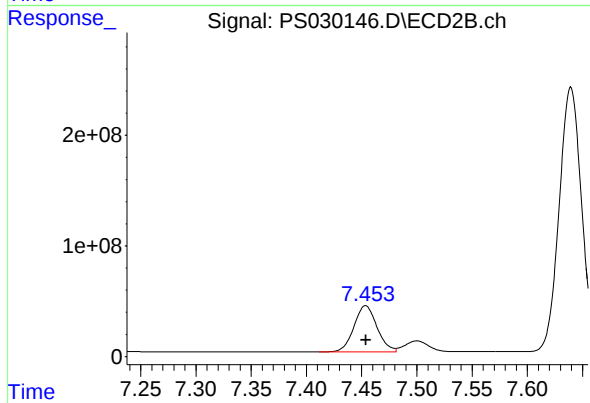
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 647403152
Conc: 620.10 ng/ml



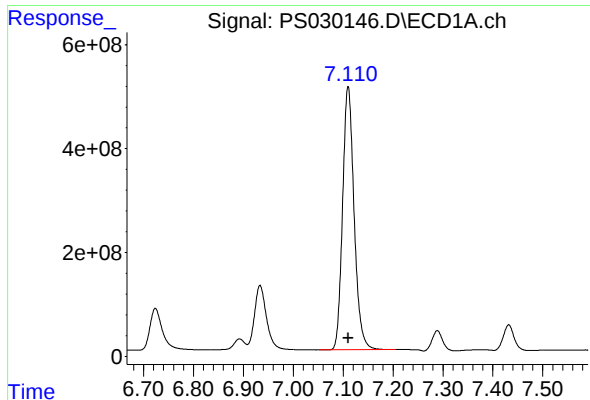
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2102769229
Conc: 738.38 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 604272440
Conc: 755.15 ng/ml



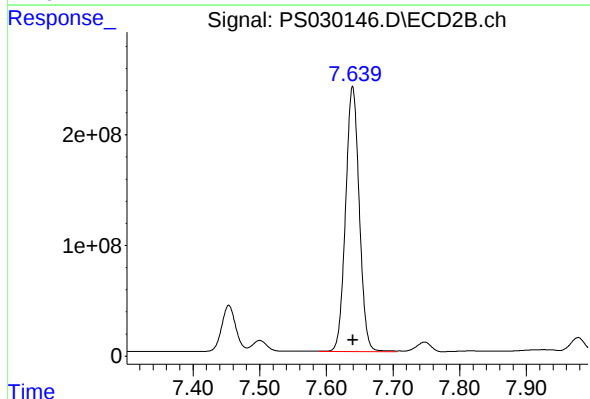
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 8133779966
Conc: 703.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

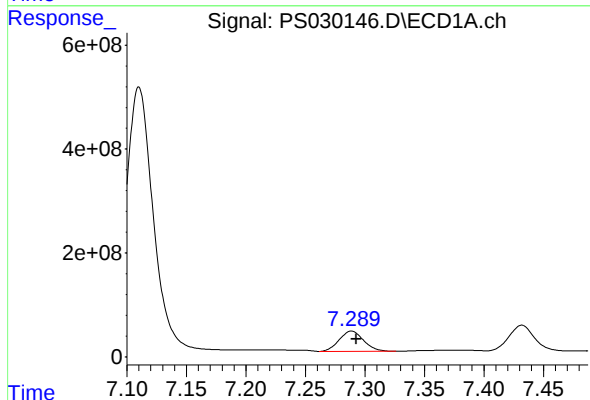
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



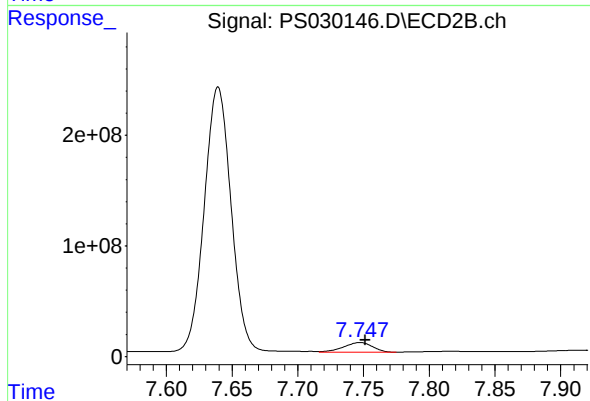
#5 DICAMBA

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 3421050931
Conc: 723.58 ng/ml



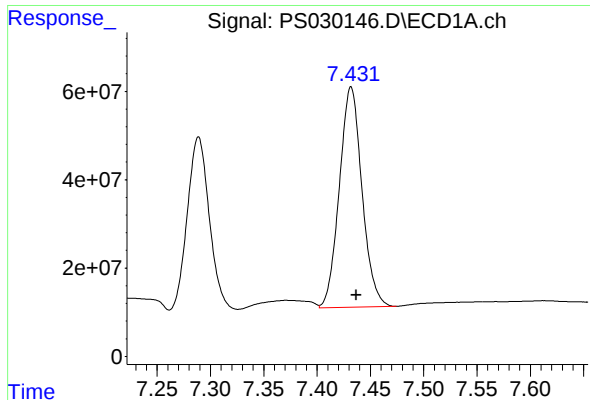
#6 MCPP

R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 558159416
Conc: 76.64 ug/ml



#6 MCPP

R.T.: 7.747 min
Delta R.T.: -0.004 min
Response: 133994405
Conc: 72.83 ug/ml



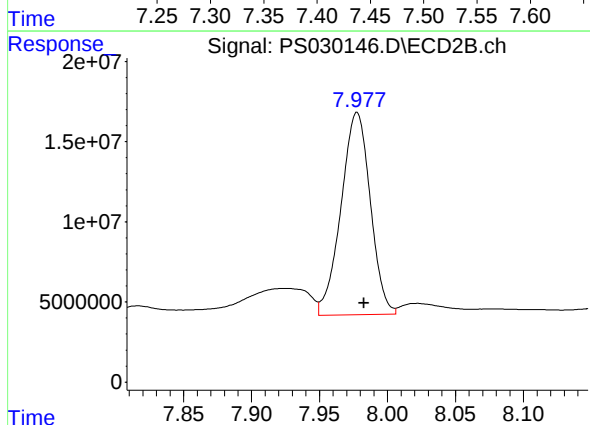
#7 MCPA

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 737095787
Conc: 71.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

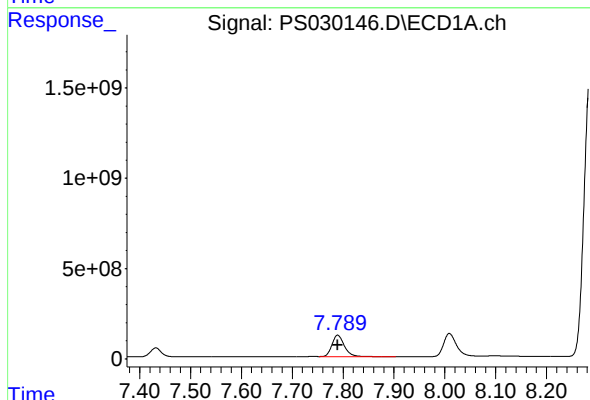
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



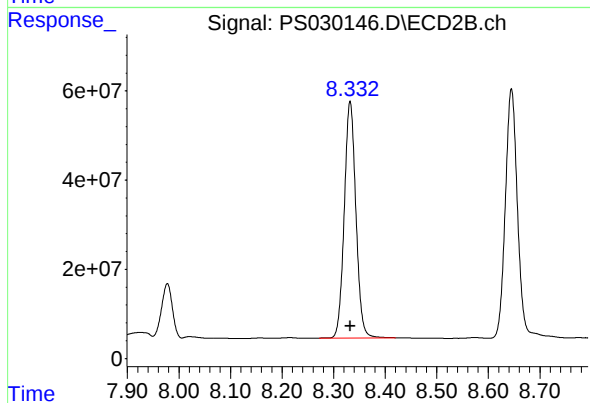
#7 MCPA

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 189386443
Conc: 71.80 ug/ml



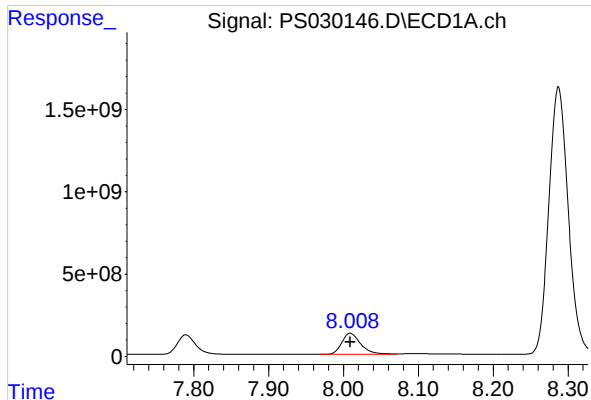
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 2020878750
Conc: 691.76 ng/ml



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 829682448
Conc: 702.27 ng/ml



#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2276840820
Conc: 694.38 ng/ml

Instrument :

ECD_S

ClientSampleId :

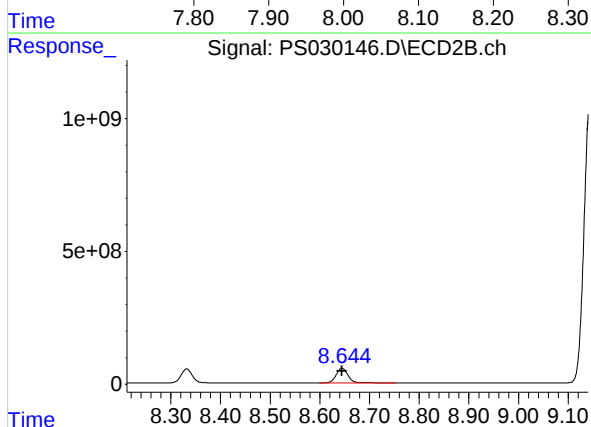
HSTDCCC750

Manual Integrations

APPROVED

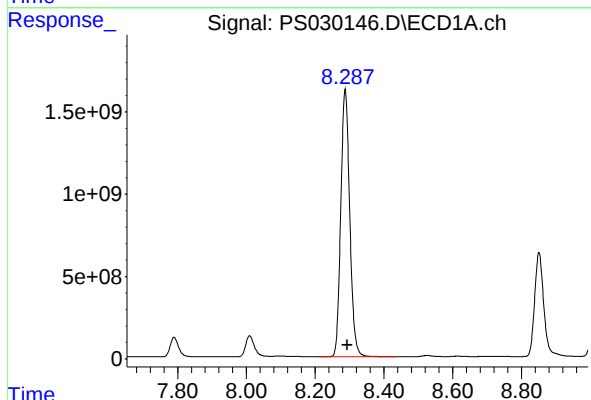
Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025



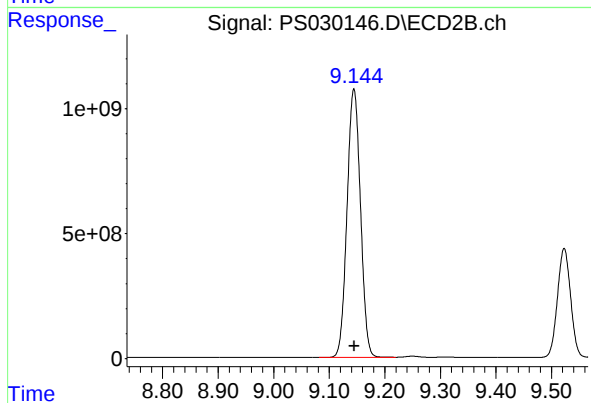
#9 2,4-D

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 919693090
Conc: 712.66 ng/ml



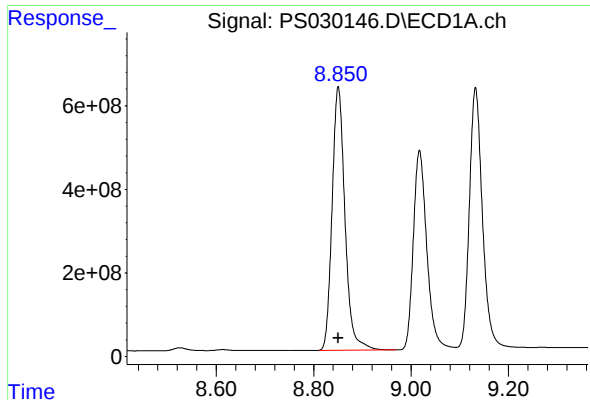
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 29335880484
Conc: 724.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 18054967364
Conc: 731.42 ng/ml



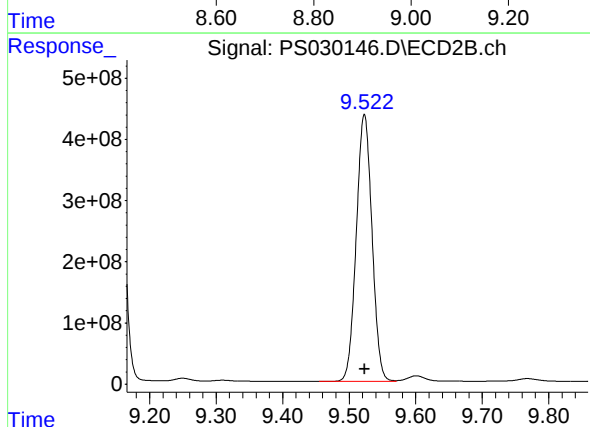
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 11567332902
Conc: 714.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

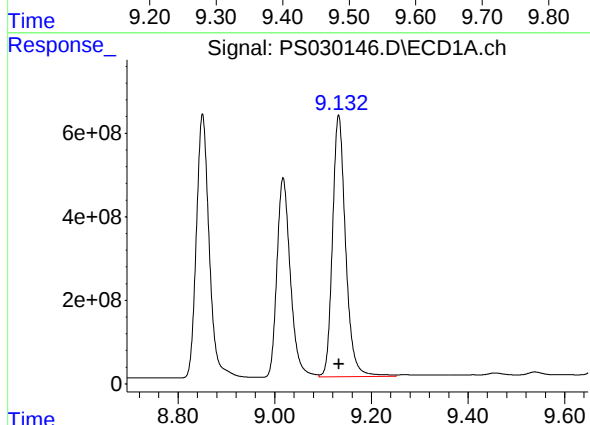
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



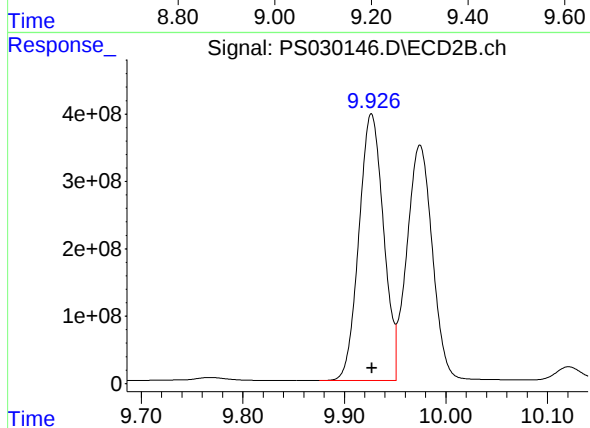
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 7154428553
Conc: 726.31 ng/ml



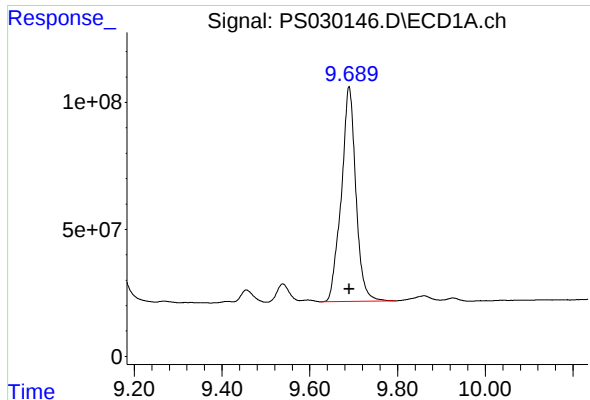
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 11791357816
Conc: 713.97 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 6657053385
Conc: 723.31 ng/ml



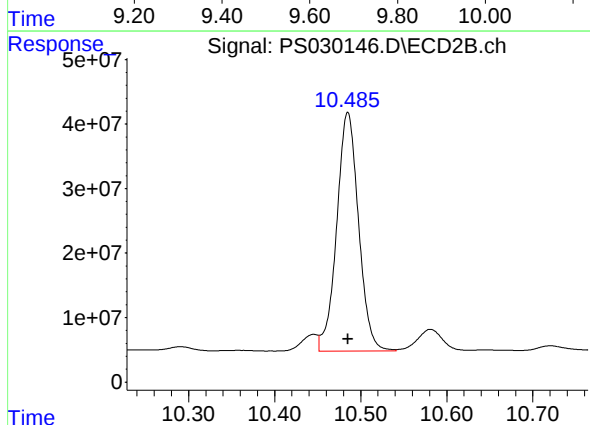
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1949548889
Conc: 747.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

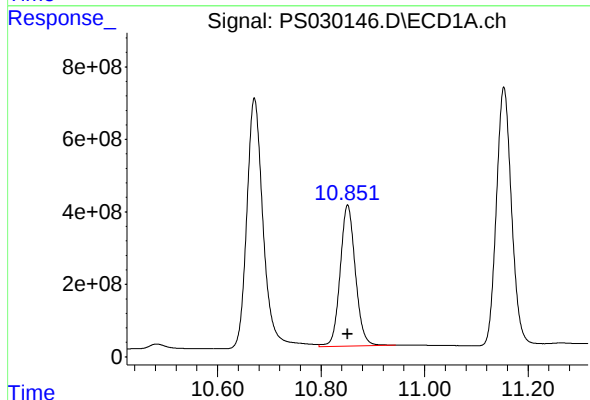
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



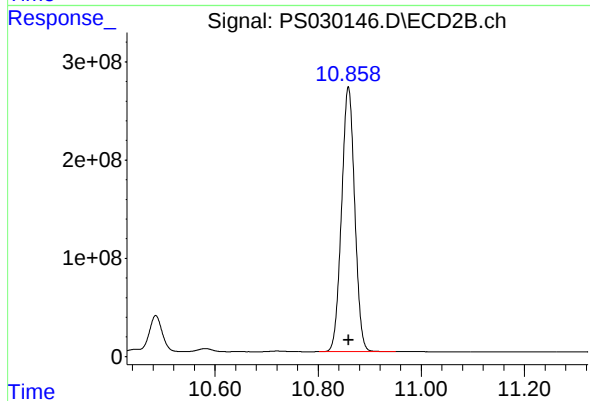
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 652731627
Conc: 657.75 ng/ml



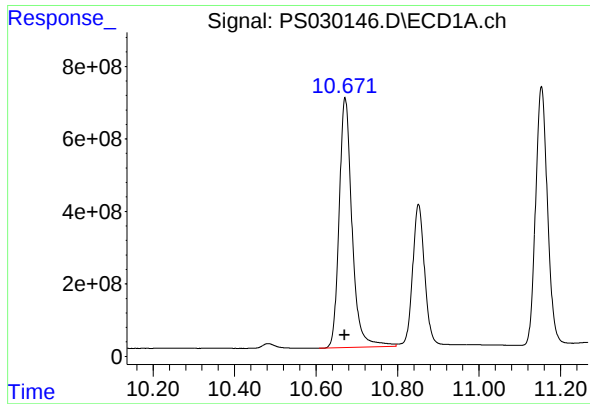
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 7949274036
Conc: 695.09 ng/ml



#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 4774721814
Conc: 698.88 ng/ml



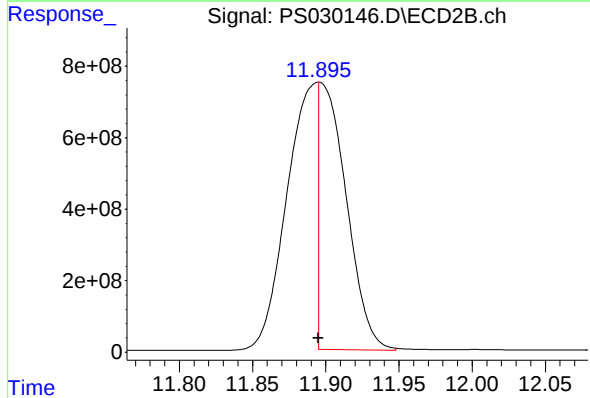
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.001 min
Response: 15159581910
Conc: 708.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

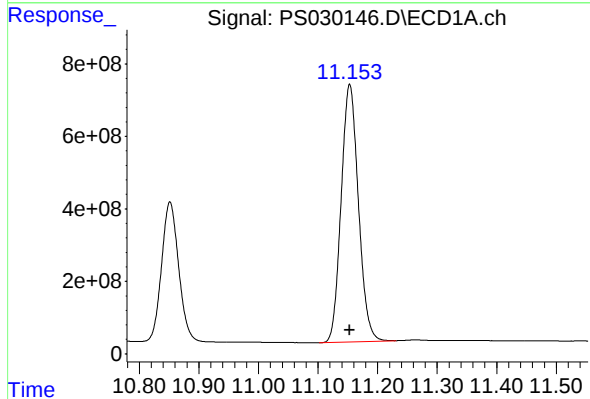
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025



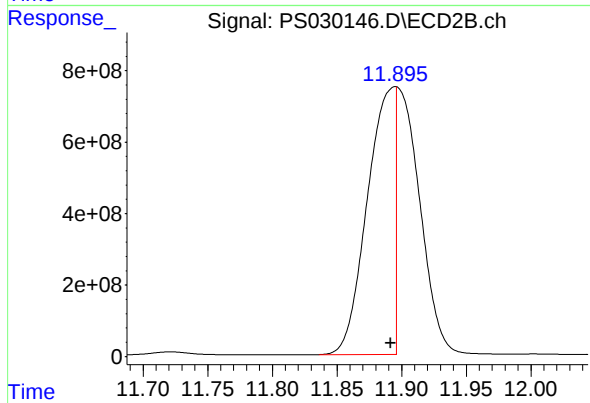
#15 Picloram

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 9653944931
Conc: 685.98 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 14308890276
Conc: 718.62 ng/ml



#16 DCPA

R.T.: 11.895 min
Delta R.T.: 0.003 min
Response: 10826937220
Conc: 801.37 ng/ml m