

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 21:13
 Operator : AR\AJ
 Sample : PB168440BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168440BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 05:57:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.355	7.768	1851.4E6	553.9E6	490.428m	514.936
Target Compounds							
1) T	Dalapon	2.713	2.709	2604.7E6	1255.0E6	461.248	458.039
2) T	3,5-DICHL...	6.514	6.714	2600.0E6	750.2E6	479.149	479.595
3) T	4-Nitroph...	7.155	7.300	788.4E6	751.9E6	429.952	479.781
5) T	DICAMBA	7.546	7.972	7549.8E6	3150.9E6	489.529	489.150
6) T	MCPD	7.726	8.069	462.0E6	110.0E6	46.645m	47.577
7) T	MCPA	7.877	8.317	563.8E6	148.1E6	44.434	48.000m
8) T	DICHLORPROP	8.261	8.690	1740.7E6	724.2E6	478.456	487.916
9) T	2,4-D	8.495	9.026	1642.0E6	776.7E6	450.657	493.992
10) T	Pentachlo...	8.802	9.552	26925.8E6	18551.2E6	530.181m	513.343
11) T	2,4,5-TP ...	9.383	9.933	10001.6E6	6845.0E6	483.983	499.028
12) T	2,4,5-T	9.679	10.359	8202.2E6	6415.0E6	445.022	491.301
13) T	2,4-DB	10.257	10.926	1197.0E6	548.1E6	394.236	476.754
14) T	DINOSEB	11.476	11.311	6845.1E6	4908.3E6	476.182m	488.387
15) T	Picloram	11.285	12.419	7499.3E6	9624.7E6	374.873m	435.826
16) T	DCPA	11.773	12.356	13208.6E6	10355.8E6	499.566m	506.078

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
Data File : PS030653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2025 21:13
Operator : AR\AJ
Sample : PB168440BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

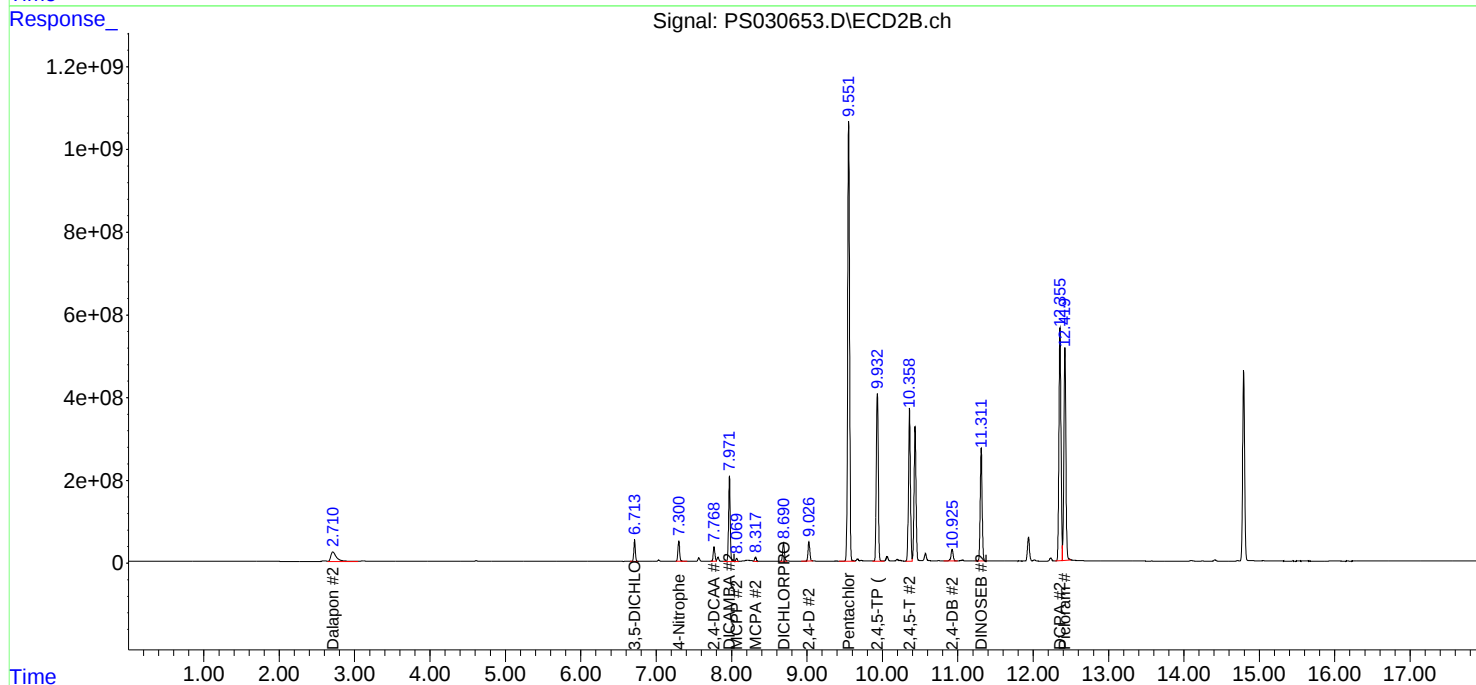
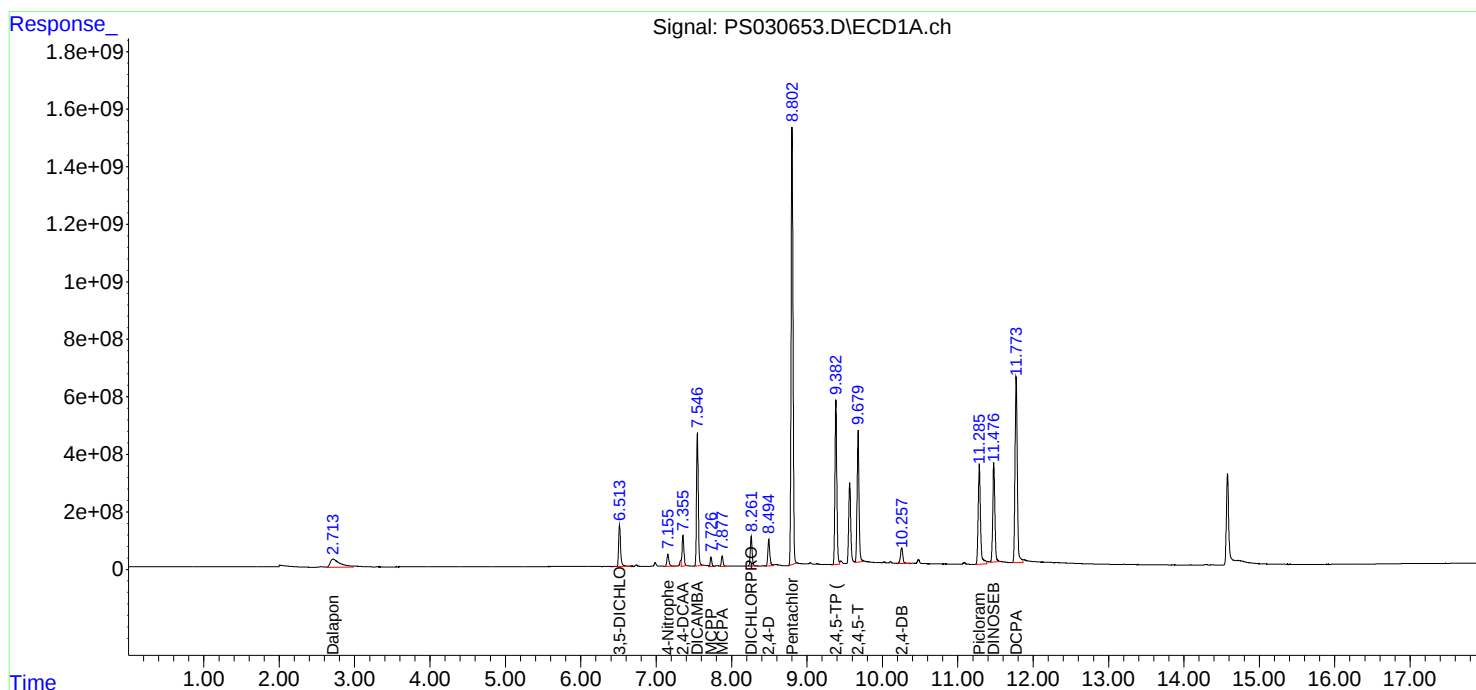
Instrument :
ECD_S
ClientSampleId :
PB168440BSD

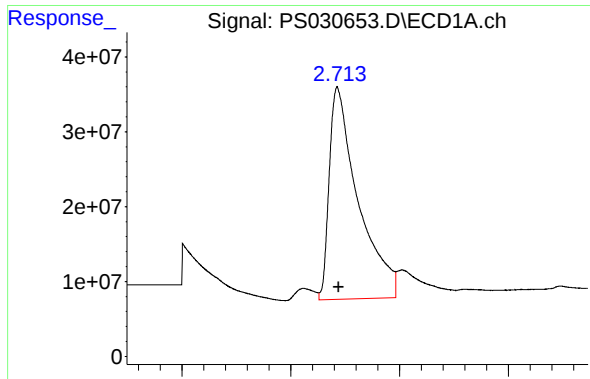
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/13/2025
Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 05:57:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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





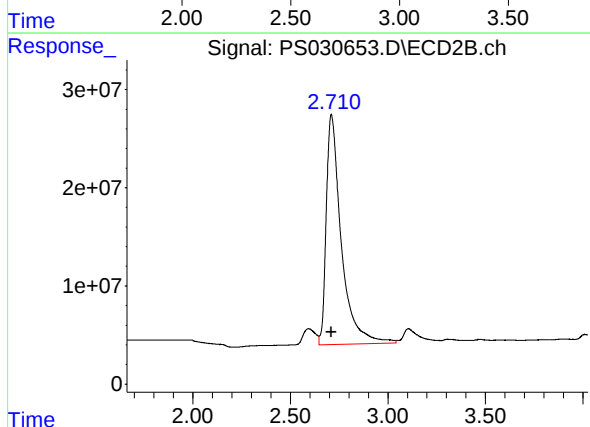
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: -0.007 min
Response: 2604656257
Conc: 461.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

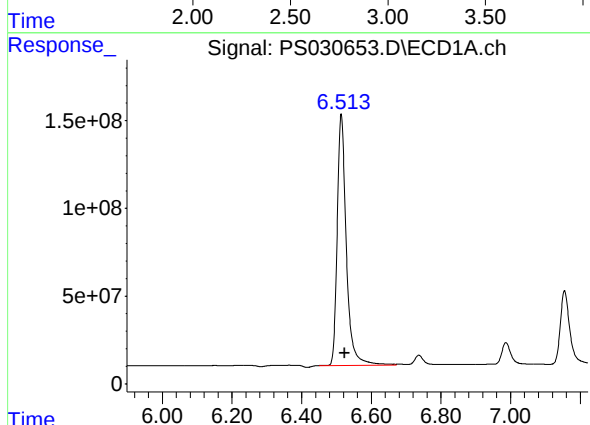
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



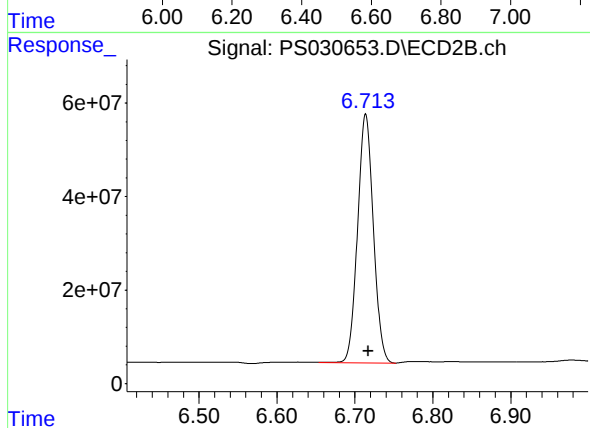
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 1255034527
Conc: 458.04 ng/ml



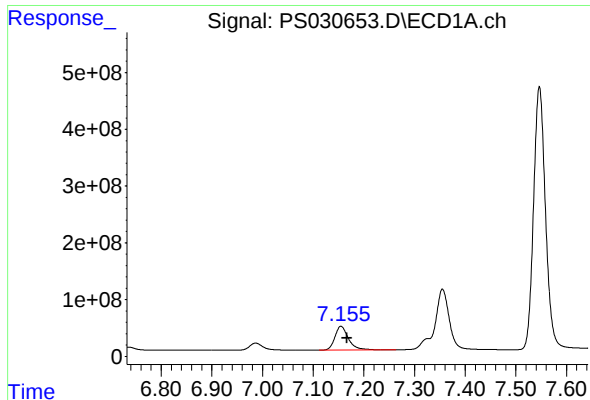
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 2600028997
Conc: 479.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 750204917
Conc: 479.59 ng/ml



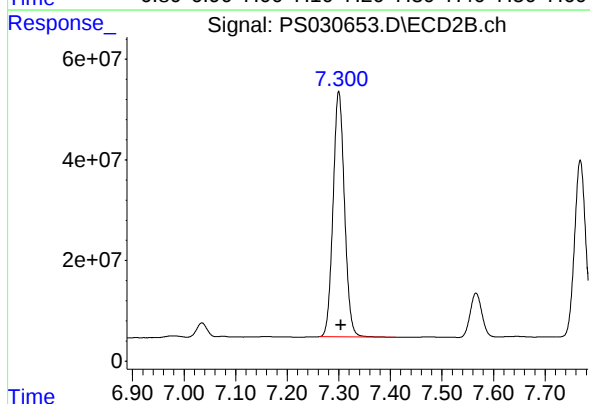
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 788426369
Conc: 429.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

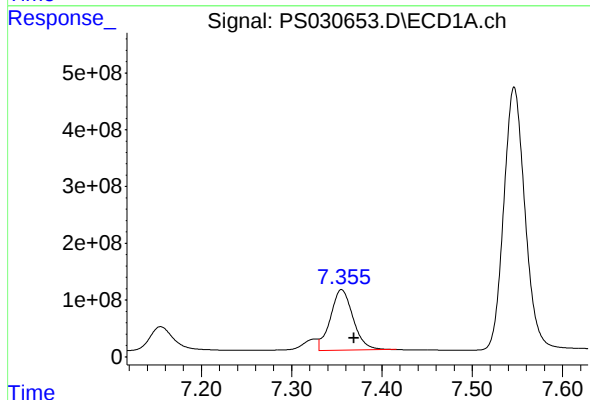
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



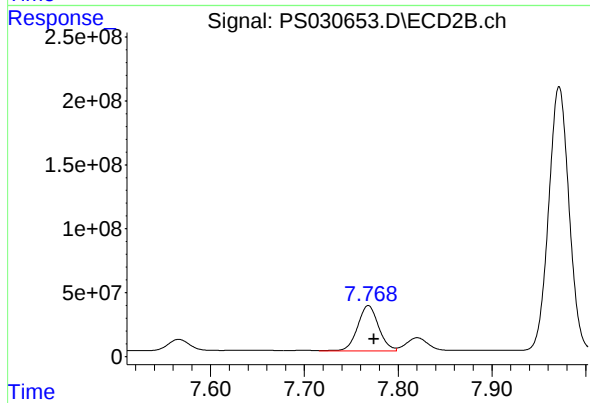
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 751933606
Conc: 479.78 ng/ml



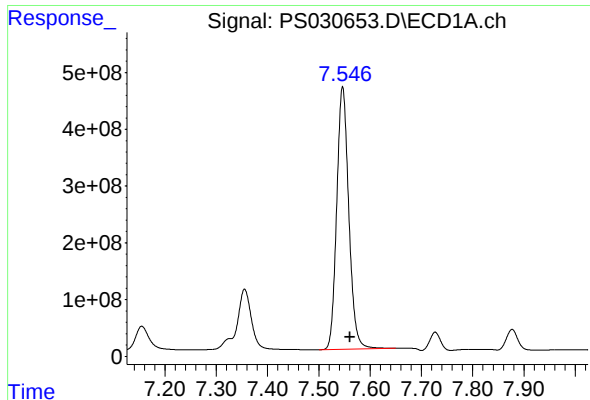
#4 2,4-DCAA

R.T.: 7.355 min
Delta R.T.: -0.014 min
Response: 1851435644
Conc: 490.43 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 553870622
Conc: 514.94 ng/ml



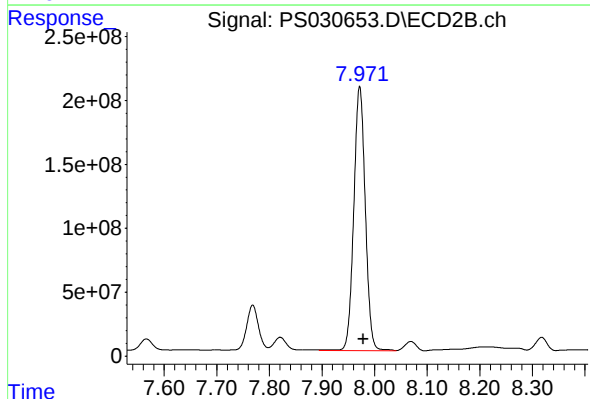
#5 DICAMBA

R.T.: 7.546 min
Delta R.T.: -0.015 min
Response: 7549785815
Conc: 489.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

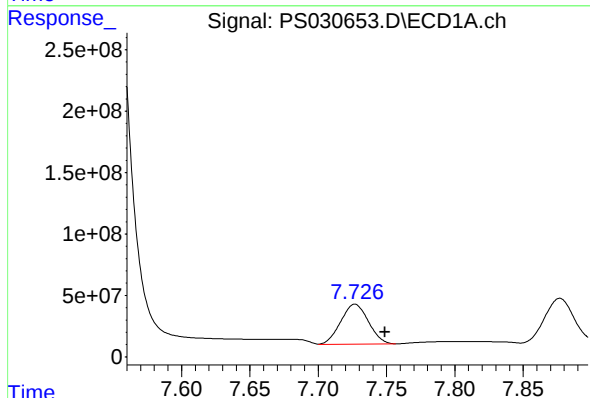
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



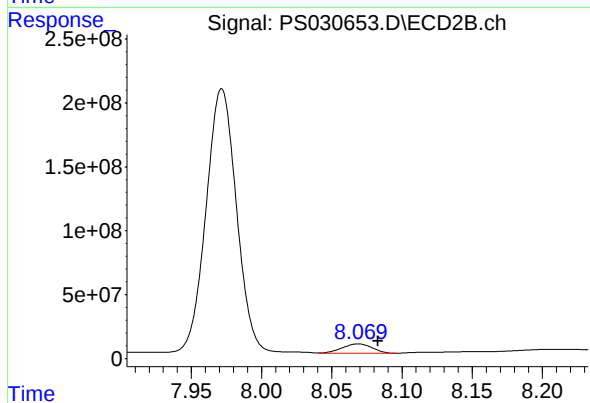
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: -0.007 min
Response: 3150932866
Conc: 489.15 ng/ml



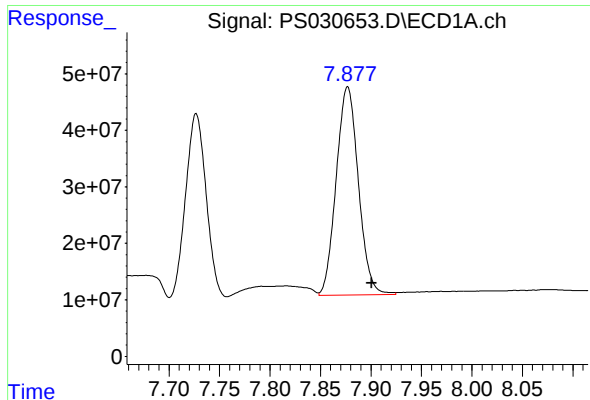
#6 MCPP

R.T.: 7.726 min
Delta R.T.: -0.022 min
Response: 462010124
Conc: 46.64 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.014 min
Response: 109977688
Conc: 47.58 ug/ml



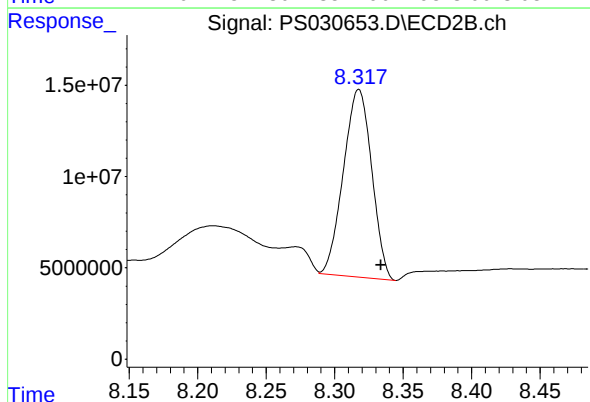
#7 MCPA

R.T.: 7.877 min
Delta R.T.: -0.024 min
Response: 563840565
Conc: 44.43 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

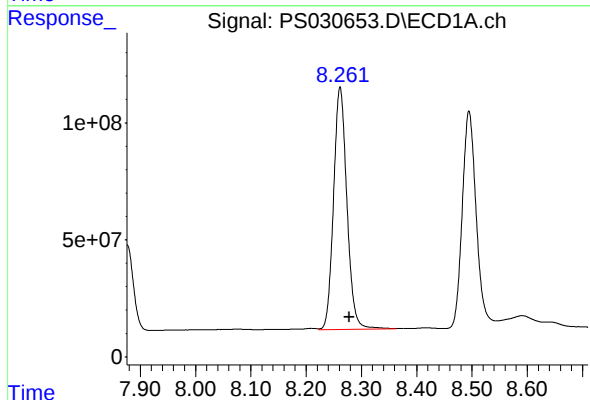
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



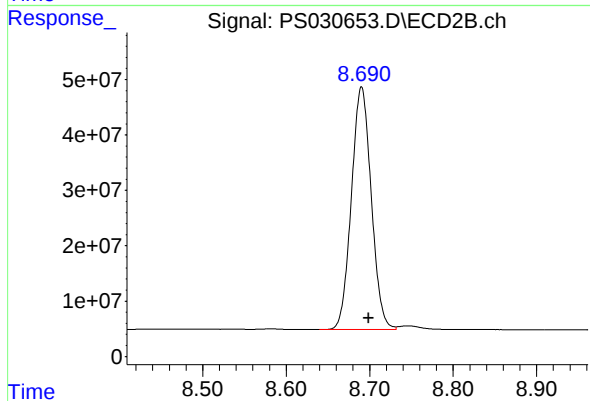
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.016 min
Response: 148124573
Conc: 48.00 ug/ml



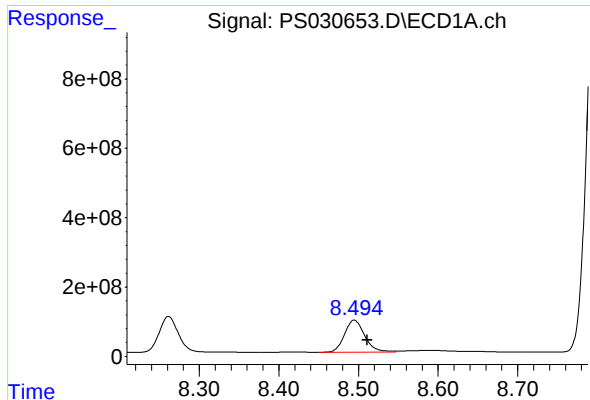
#8 DICHLORPROP

R.T.: 8.261 min
Delta R.T.: -0.017 min
Response: 1740691015
Conc: 478.46 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 724166925
Conc: 487.92 ng/ml



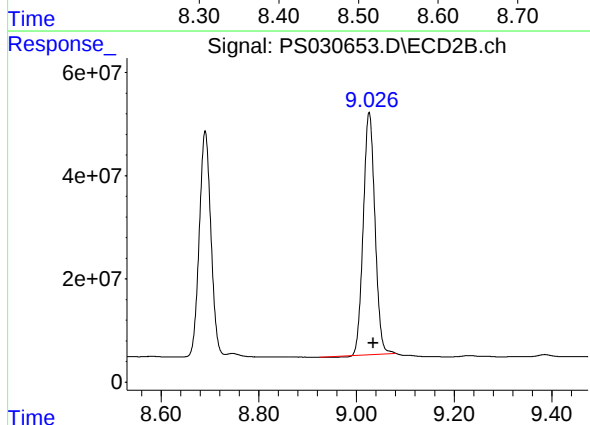
#9 2,4-D

R.T.: 8.495 min
Delta R.T.: -0.017 min
Response: 1642017999
Conc: 450.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

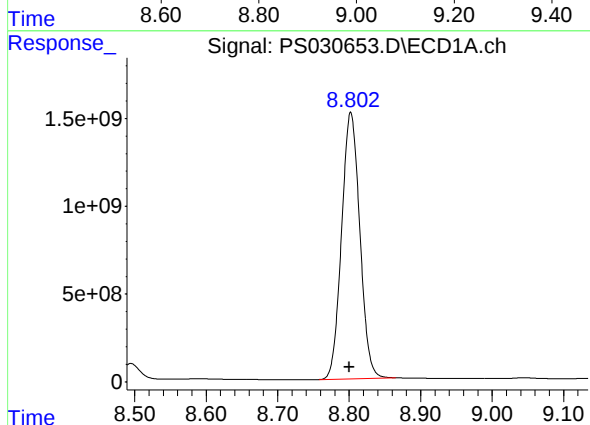
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



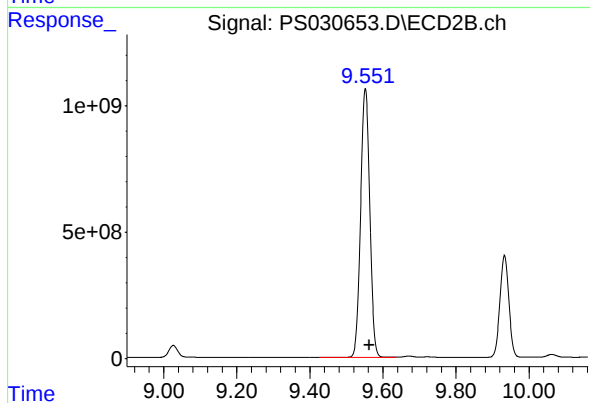
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 776713156
Conc: 493.99 ng/ml



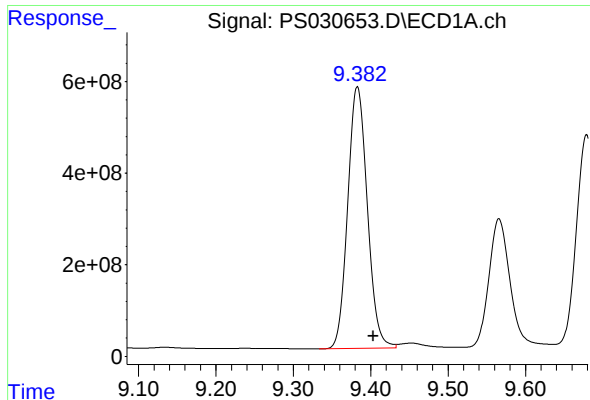
#10 Pentachlorophenol

R.T.: 8.802 min
Delta R.T.: 0.002 min
Response: 26925843130
Conc: 530.18 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 18551181683
Conc: 513.34 ng/ml



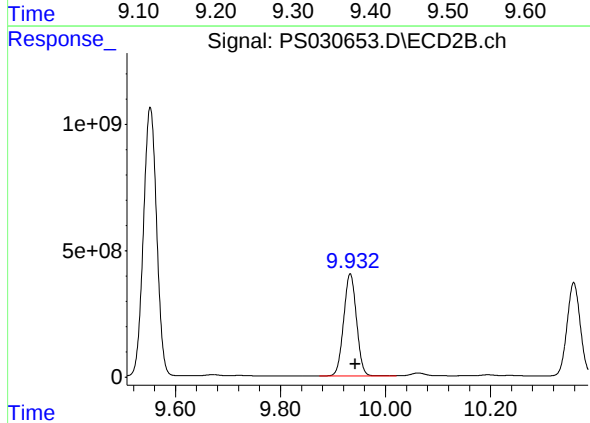
#11 2,4,5-TP (SILVEX)

R.T.: 9.383 min
Delta R.T.: -0.020 min
Response: 1000155116
Conc: 483.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

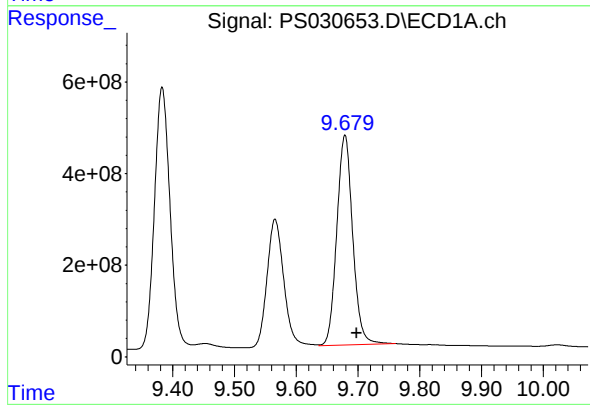
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



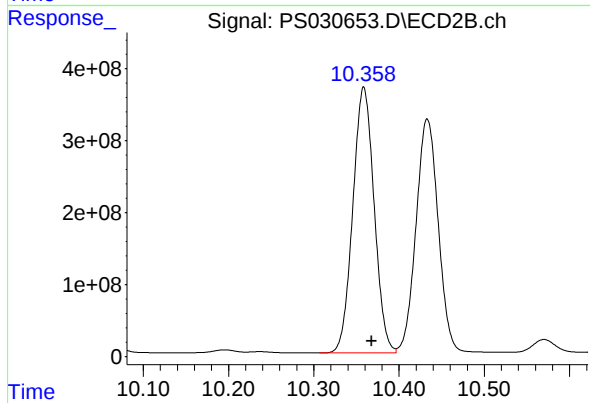
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: -0.010 min
Response: 6845037059
Conc: 499.03 ng/ml



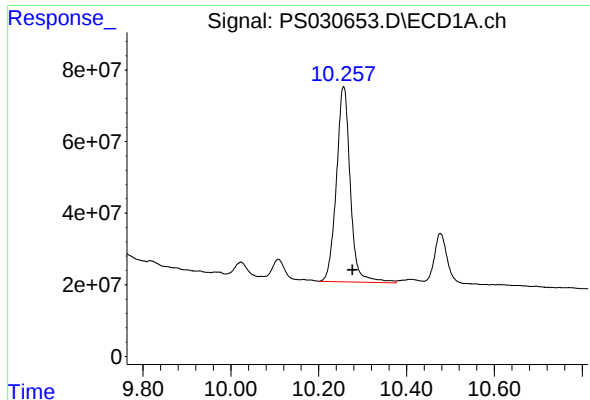
#12 2,4,5-T

R.T.: 9.679 min
Delta R.T.: -0.019 min
Response: 8202235559
Conc: 445.02 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: -0.009 min
Response: 6414979424
Conc: 491.30 ng/ml



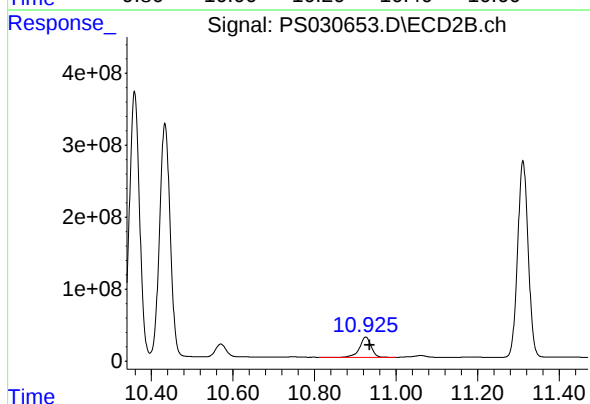
#13 2,4-DB

R.T.: 10.257 min
Delta R.T.: -0.021 min
Response: 1197044425
Conc: 394.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

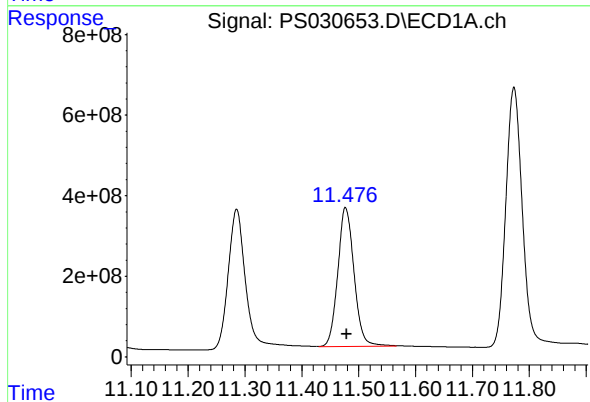
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



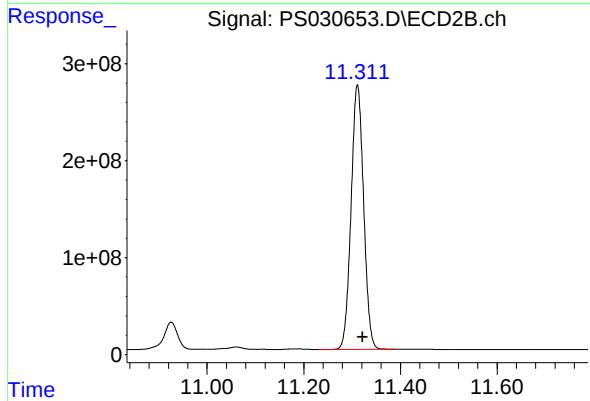
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 548054165
Conc: 476.75 ng/ml



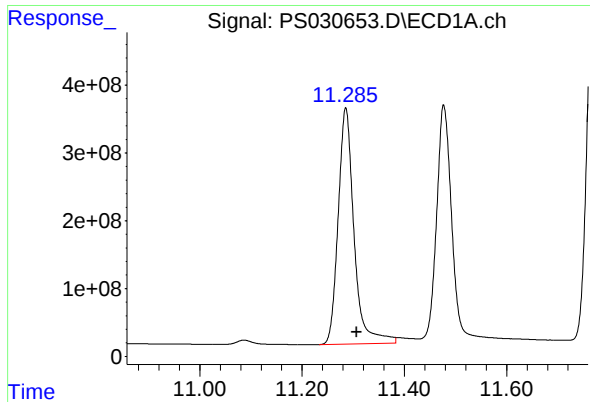
#14 DINOSEB

R.T.: 11.476 min
Delta R.T.: -0.003 min
Response: 6845092629
Conc: 476.18 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 4908345650
Conc: 488.39 ng/ml



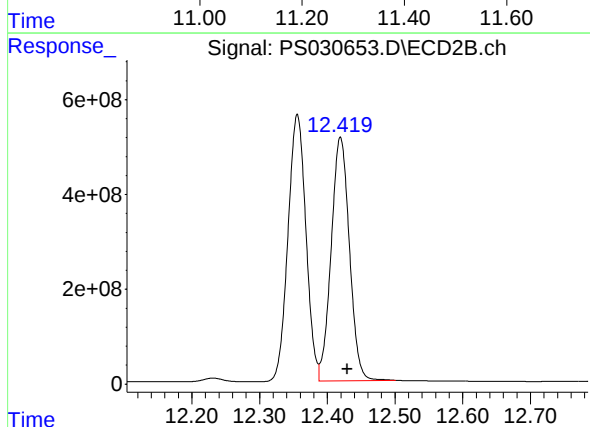
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.021 min
Response: 7499257308
Conc: 374.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168440BSD

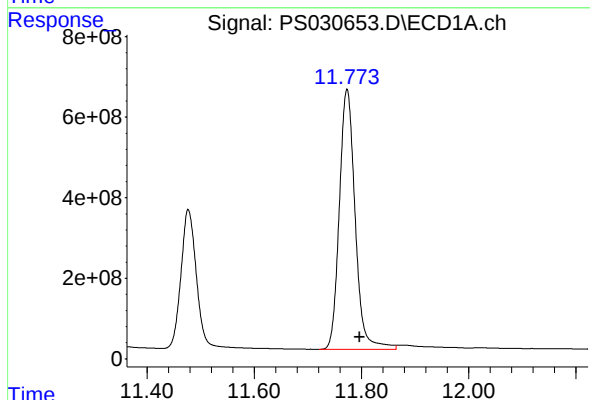
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



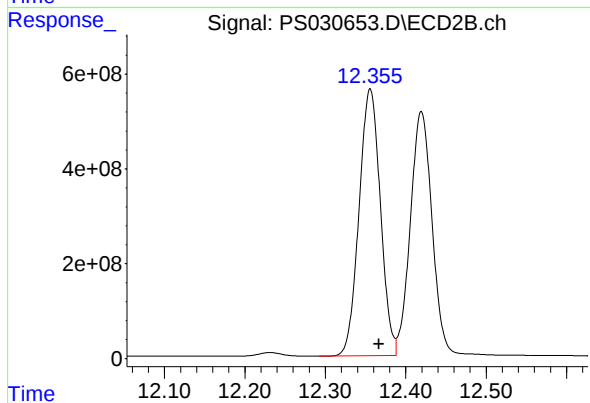
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.010 min
Response: 9624725508
Conc: 435.83 ng/ml



#16 DCPA

R.T.: 11.773 min
Delta R.T.: -0.024 min
Response: 13208562687
Conc: 499.57 ng/ml m



#16 DCPA

R.T.: 12.356 min
Delta R.T.: -0.011 min
Response: 10355837693
Conc: 506.08 ng/ml