

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082725\
 Data File : PS031554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2025 16:12
 Operator : AR\AJ
 Sample : PB169399BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169399BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/28/2025
 Supervised By : mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 01:36:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.289	7.739	1716.3E6	381.0E6	540.748	450.677
Target Compounds							
1) T	Dalapon	2.670	2.683	2251.7E6	1066.6E6	428.990	400.835
2) T	3,5-DICHL...	6.454	6.691	2390.0E6	644.9E6	506.539	477.049
3) T	4-Nitroph...	7.098	7.293	532.3E6	493.8E6	515.907	392.863
5) T	DICAMBA	7.473	7.935	6761.0E6	2572.4E6	484.089	452.673
6) T	MCPD	7.650	8.030	343.1E6	78474082	42.643	44.390m
7) T	MCPA	7.798	8.277	483.4E6	113.2E6	48.523	40.361
8) T	DICHLORPROP	8.182	8.655	1664.7E6	626.2E6	524.733	469.048
9) T	2,4-D	8.418	8.999	1536.8E6	592.5E6	534.200	415.092
10) T	Pentachlo...	8.713	9.505	26496.8E6	17680.8E6	551.874	507.654
11) T	2,4,5-TP ...	9.292	9.891	9479.2E6	6287.1E6	528.862	479.346
12) T	2,4,5-T	9.589	10.320	8181.8E6	5447.7E6	558.436	460.123
13) T	2,4-DB	10.165	10.890	1000.1E6	373.9E6	520.443	387.534 #
14) T	DINOSEB	11.362	11.264	7035.7E6	4658.1E6	554.931	492.559
15) T	Picloram	11.193	12.389	6260.2E6	6783.7E6	479.558m	386.983
16) T	DCPA	11.661	12.305	12826.6E6	10428.9E6	563.079m	529.374m

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

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Acq On : 27 Aug 2025 16:12
Operator : AR\AJ
Sample : PB169399BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

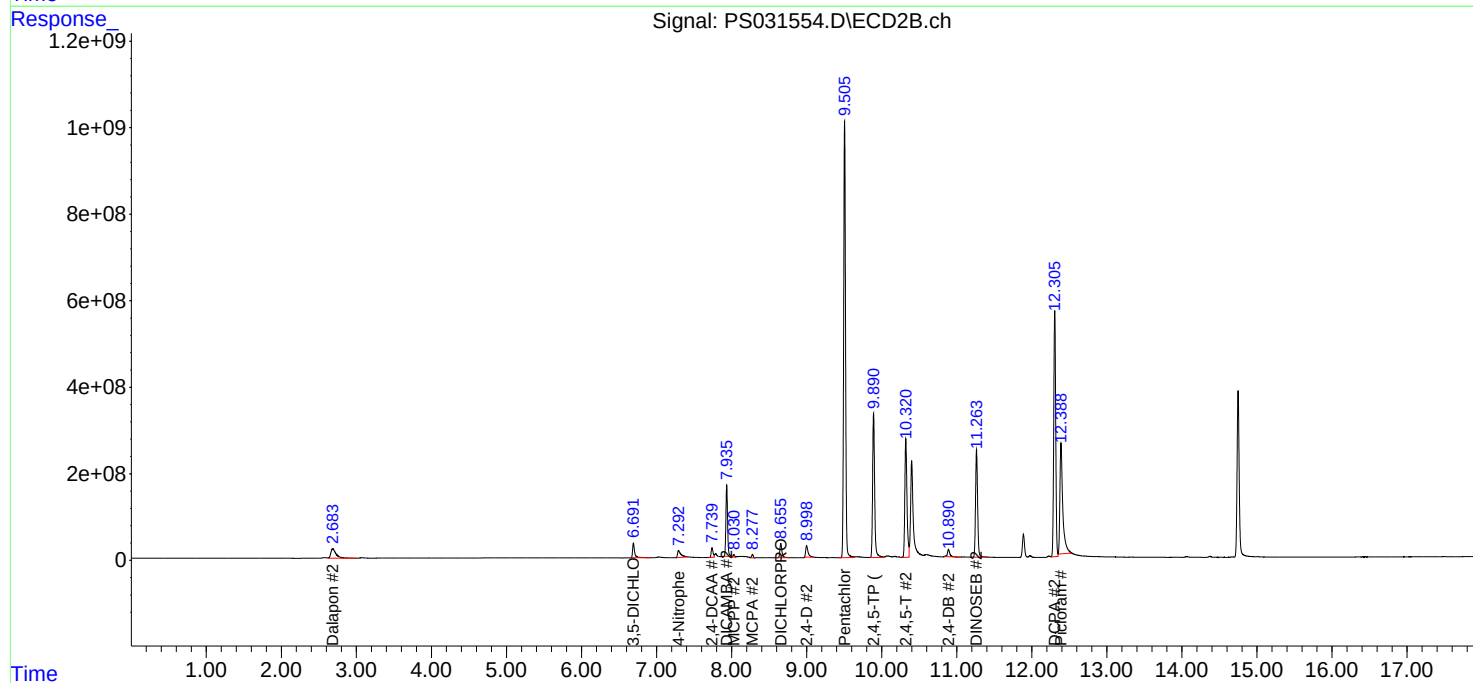
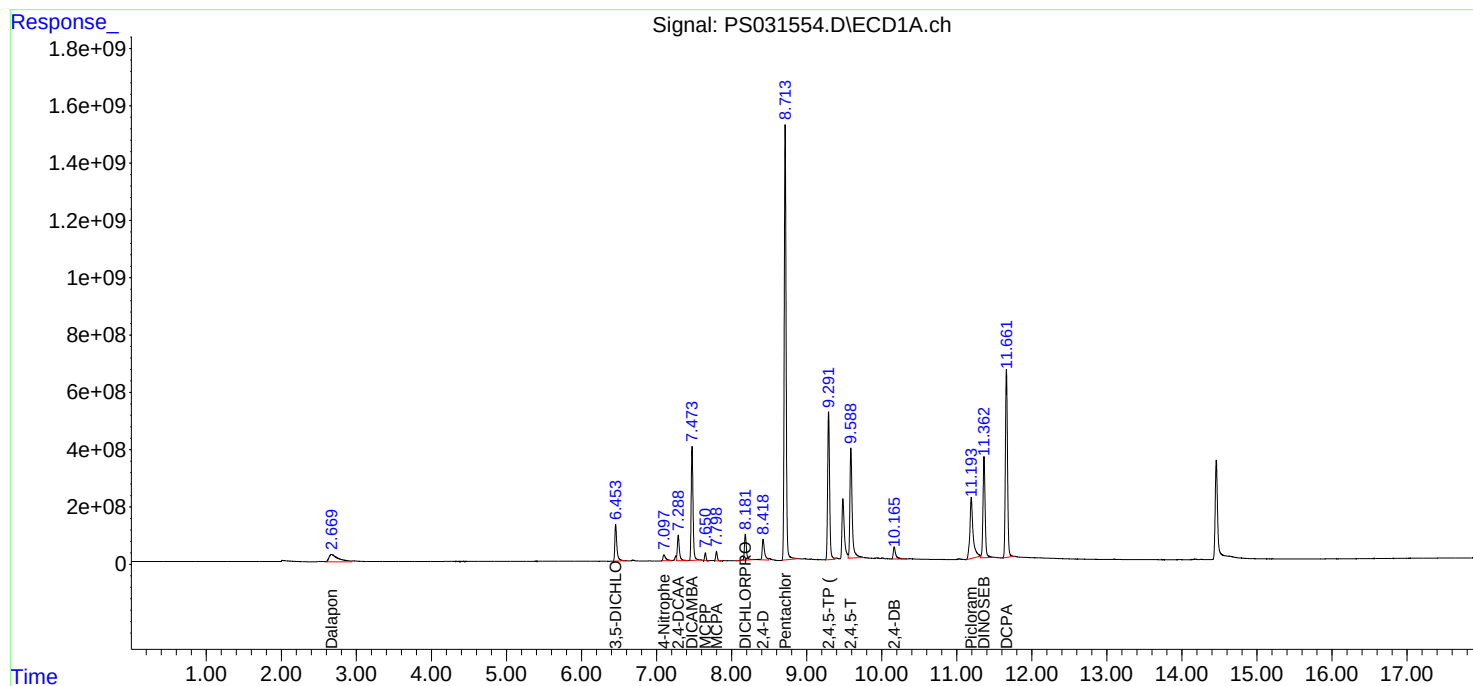
Instrument :
ECD_S
ClientSampleId :
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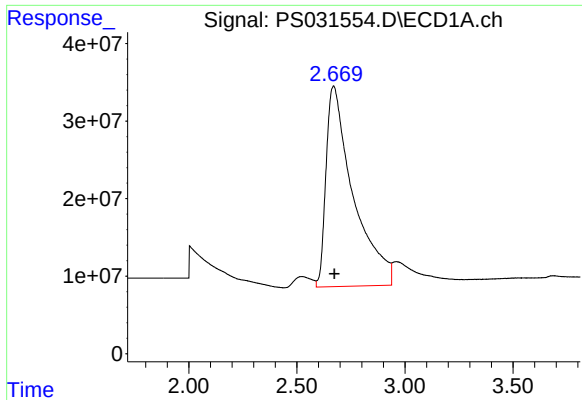
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 2251742275
Conc: 428.99 ng/ml

Instrument :

ECD_S

ClientSampleId :

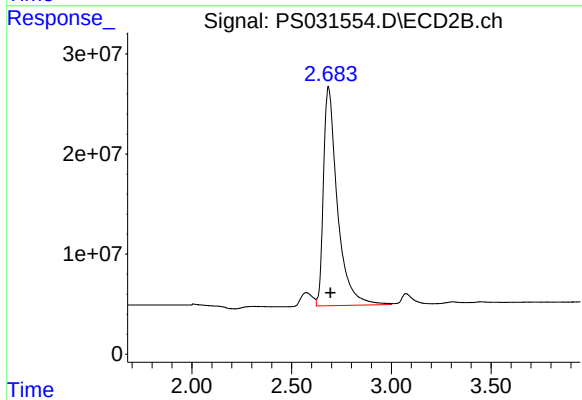
PB169399BSD

Manual Integrations

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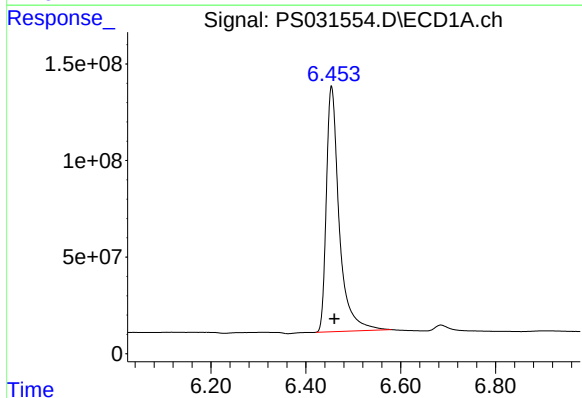
Reviewed By :Abdul Mirza 08/28/2025

Supervised By :mohammad ahmed 08/29/2025



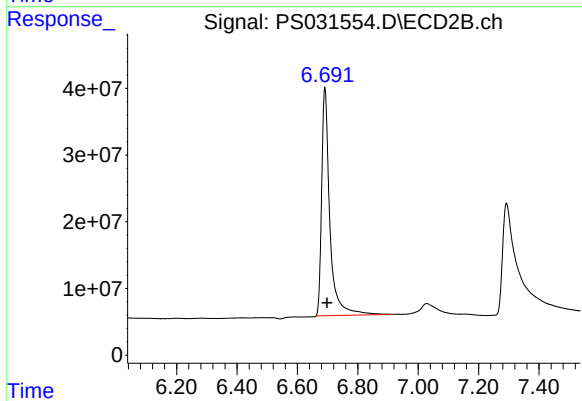
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.012 min
Response: 1066626197
Conc: 400.83 ng/ml



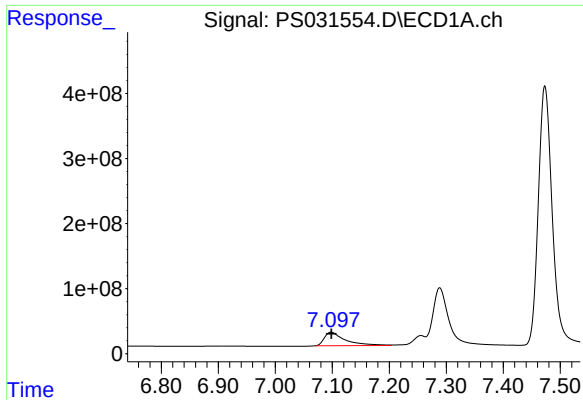
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 2390008937
Conc: 506.54 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.691 min
Delta R.T.: -0.008 min
Response: 644936268
Conc: 477.05 ng/ml



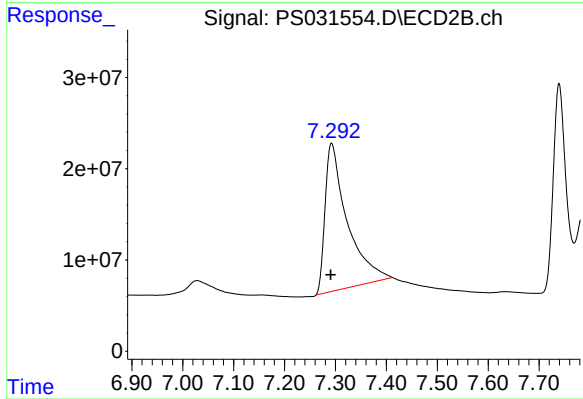
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 532250975
Conc: 515.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

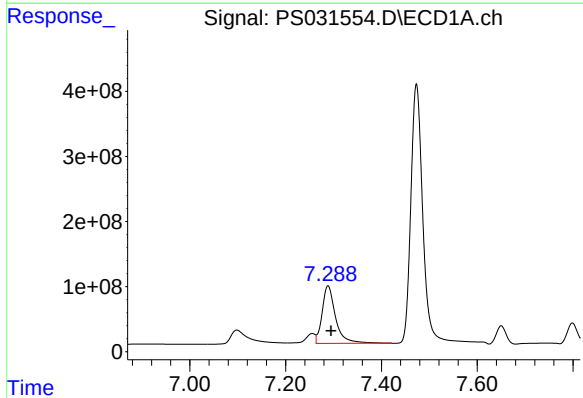
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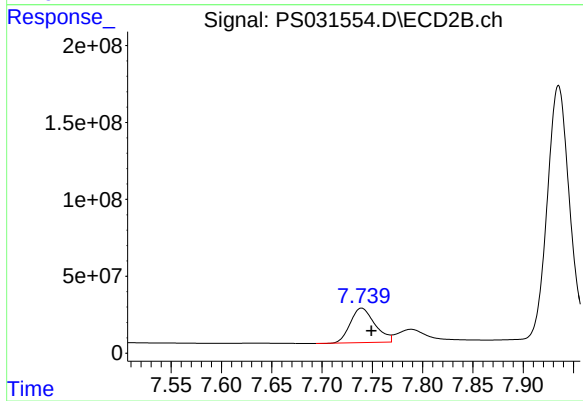
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.002 min
Response: 493785627
Conc: 392.86 ng/ml



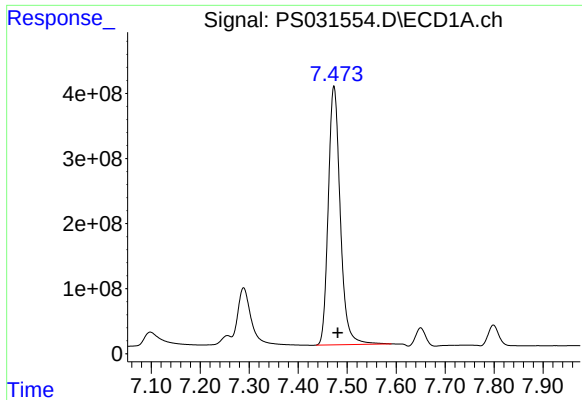
#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: -0.006 min
Response: 1716329127
Conc: 540.75 ng/ml



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.010 min
Response: 380975501
Conc: 450.68 ng/ml



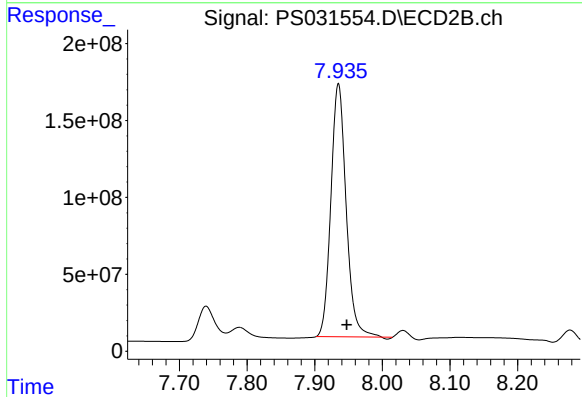
#5 DICAMBA

R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 6761011554
Conc: 484.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

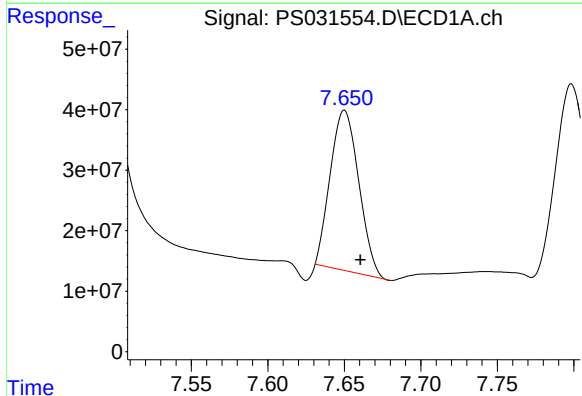
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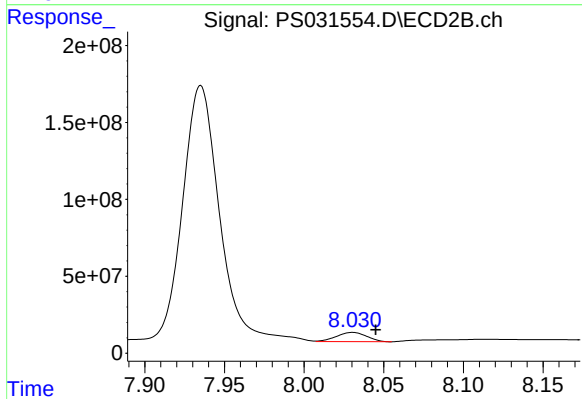
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.012 min
Response: 2572397573
Conc: 452.67 ng/ml



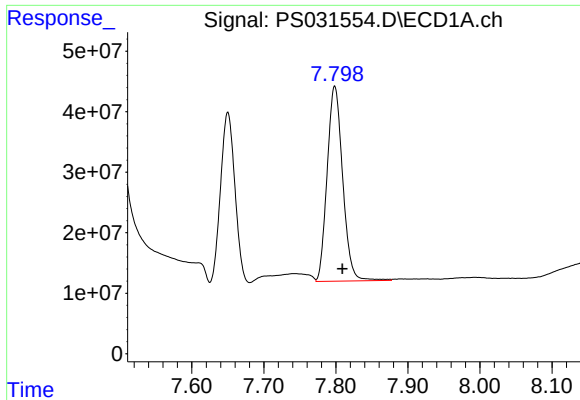
#6 MCPP

R.T.: 7.650 min
Delta R.T.: -0.011 min
Response: 343059970
Conc: 42.64 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 78474082
Conc: 44.39 ug/ml m



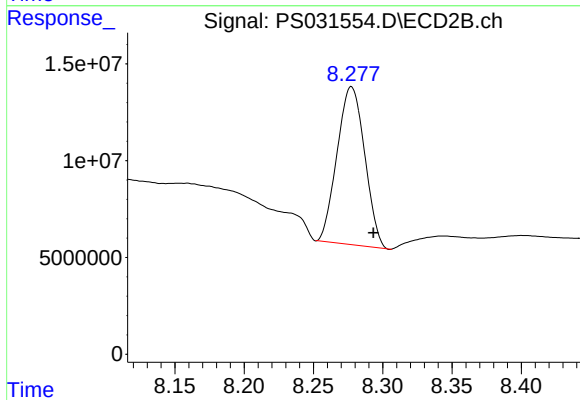
#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 483356167
Conc: 48.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

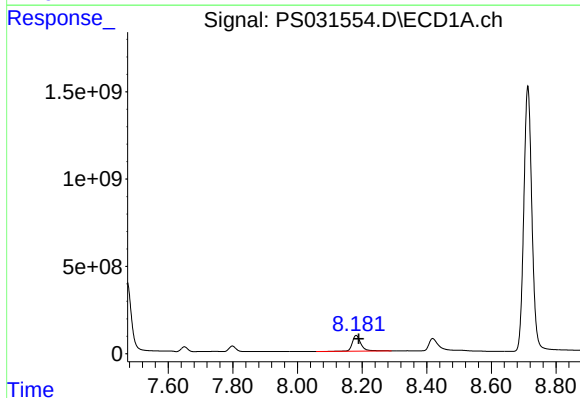
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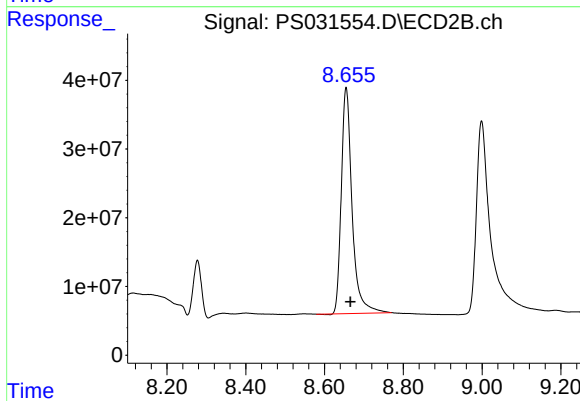
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 113231657
Conc: 40.36 ug/ml



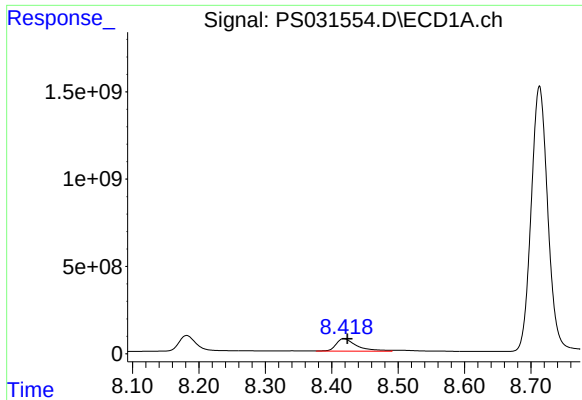
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: -0.008 min
Response: 1664677855
Conc: 524.73 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.011 min
Response: 626194471
Conc: 469.05 ng/ml



#9 2,4-D

R.T.: 8.418 min
Delta R.T.: -0.005 min
Response: 1536795524
Conc: 534.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

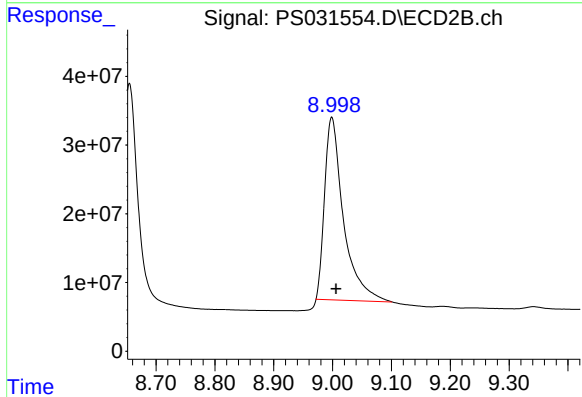
PB169399BSD

Manual Integrations

APPROVED

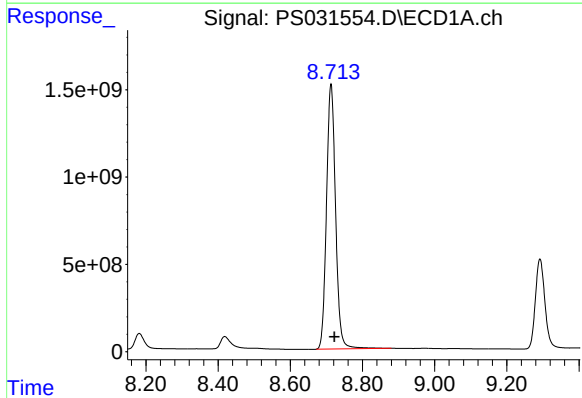
Reviewed By :Abdul Mirza 08/28/2025

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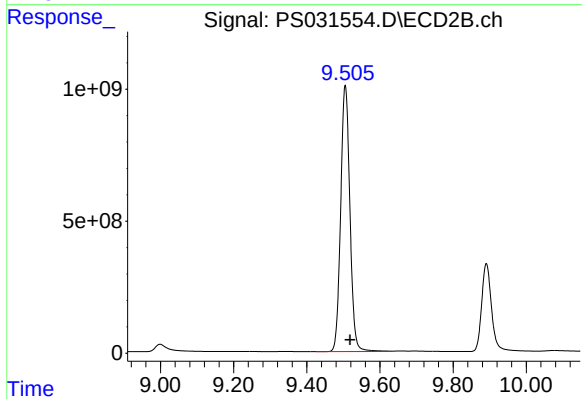
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.007 min
Response: 592455268
Conc: 415.09 ng/ml



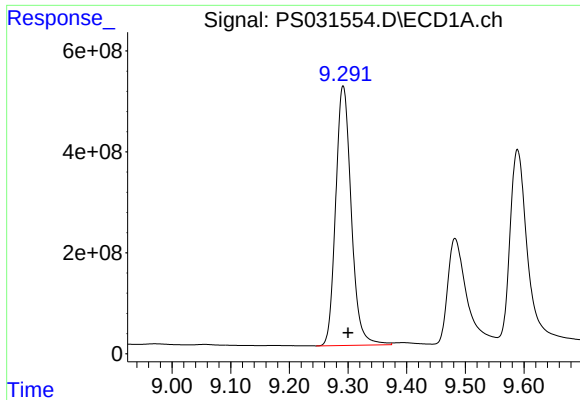
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: -0.009 min
Response: 26496803832
Conc: 551.87 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.013 min
Response: 17680797639
Conc: 507.65 ng/ml



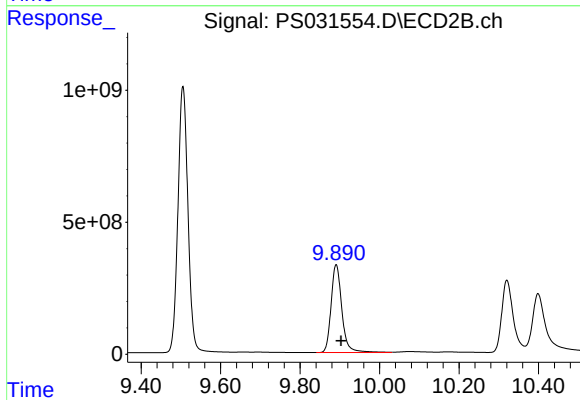
#11 2,4,5-TP (SILVEX)

R.T.: 9.292 min
Delta R.T.: -0.008 min
Response: 9479170675
Conc: 528.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

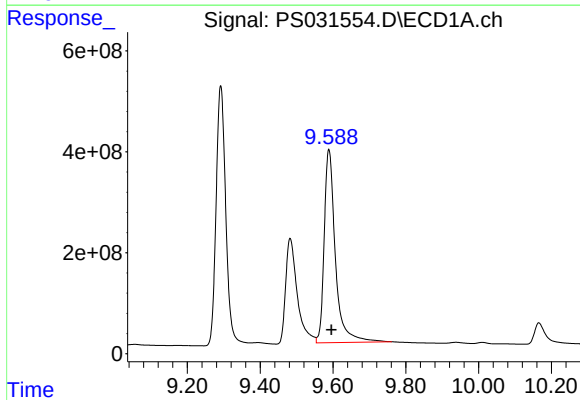
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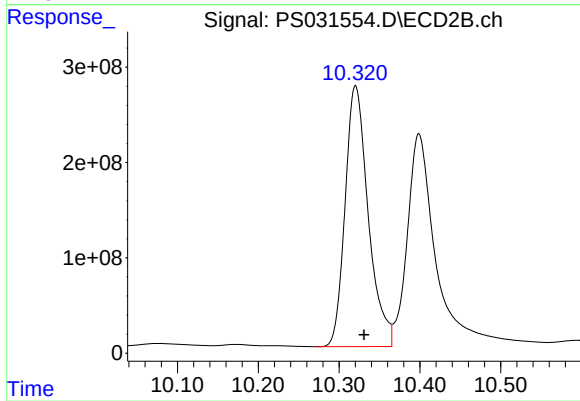
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: -0.012 min
Response: 6287119212
Conc: 479.35 ng/ml



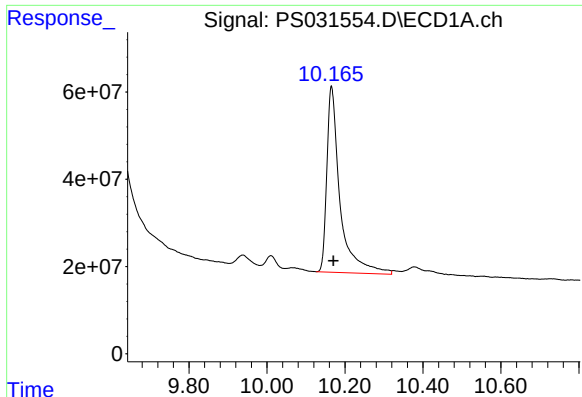
#12 2,4,5-T

R.T.: 9.589 min
Delta R.T.: -0.007 min
Response: 8181767738
Conc: 558.44 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: -0.011 min
Response: 5447744490
Conc: 460.12 ng/ml



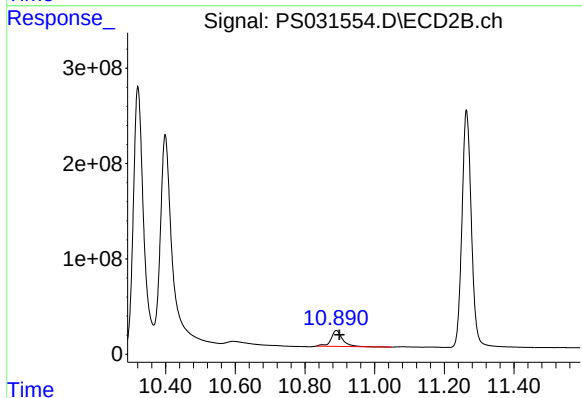
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 1000145190
Conc: 520.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

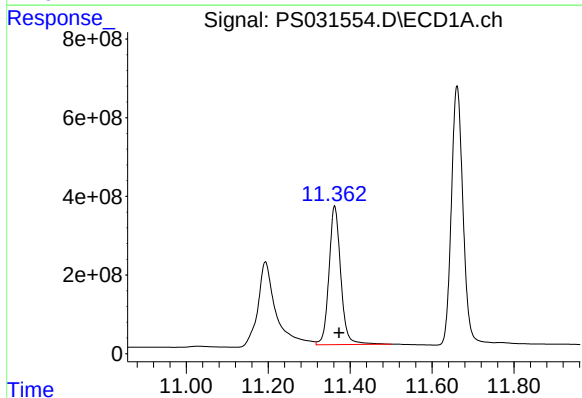
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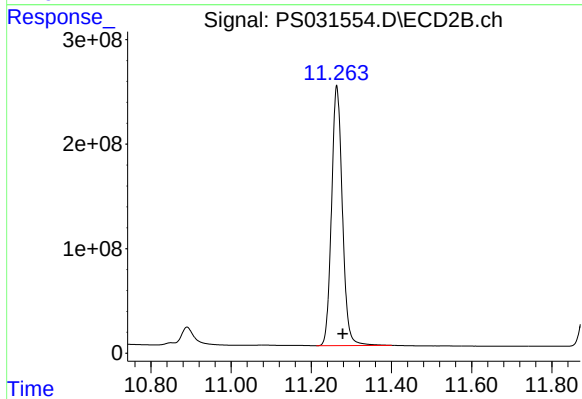
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 373910322
Conc: 387.53 ng/ml



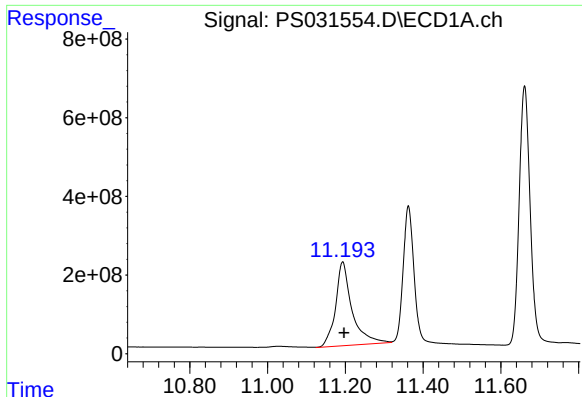
#14 DINOSEB

R.T.: 11.362 min
Delta R.T.: -0.011 min
Response: 7035682678
Conc: 554.93 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.015 min
Response: 4658109401
Conc: 492.56 ng/ml



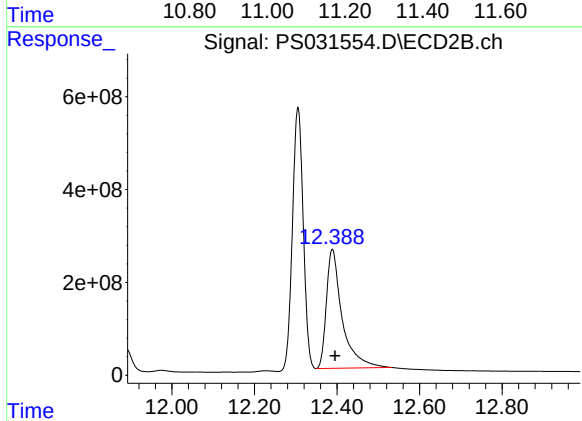
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 6260220355
Conc: 479.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169399BSD

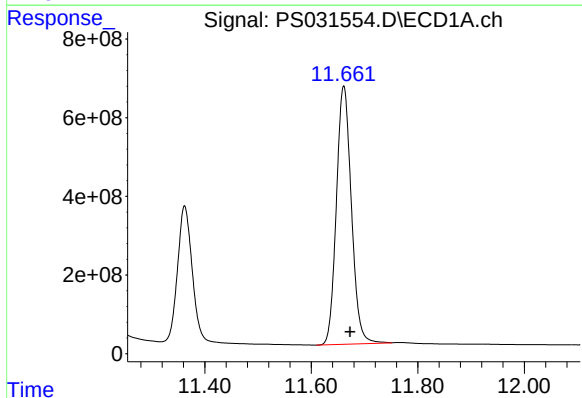
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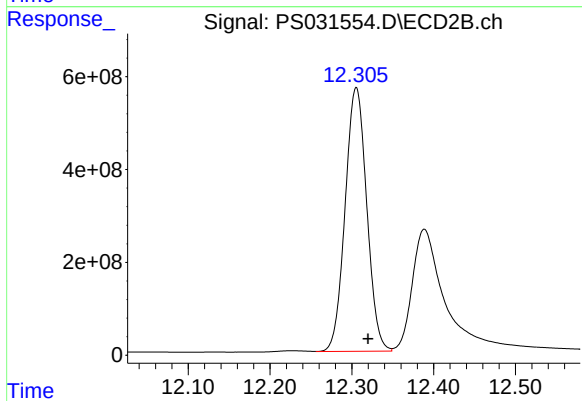
#15 Picloram

R.T.: 12.389 min
Delta R.T.: -0.007 min
Response: 6783699158
Conc: 386.98 ng/ml



#16 DCPA

R.T.: 11.661 min
Delta R.T.: -0.012 min
Response: 12826567369
Conc: 563.08 ng/ml m



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.015 min
Response: 10428876771
Conc: 529.37 ng/ml m