

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082625\
 Data File : PS031549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 17:34
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:35:45 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	7.286	7.742	2332.4E6	577.1E6	734.863	682.696
Target Compounds							
1) T	Dalapon	2.671	2.692	3048.3E6	1501.0E6	580.754	564.082
2) T	3,5-DICHL...	6.453	6.694	3294.1E6	916.7E6	698.153	678.088
3) T	4-Nitroph...	7.091	7.290	800.4E6	750.6E6	775.856m	597.204
5) T	DICAMBA	7.471	7.939	9453.3E6	3741.3E6	676.856	658.360
6) T	MCPD	7.649	8.035	580.2E6	120.8E6	72.121m	68.331m
7) T	MCPA	7.798	8.283	715.0E6	175.6E6	71.774	62.575
8) T	DICHLORPROP	8.179	8.658	2194.2E6	881.5E6	691.661	660.291
9) T	2,4-D	8.414	8.999	2180.7E6	864.2E6	758.030	605.467
10) T	Pentachlo...	8.710	9.509	37067.2E6	25239.0E6	772.034	724.667
11) T	2,4,5-TP ...	9.288	9.893	13207.8E6	8935.0E6	736.891	681.227
12) T	2,4,5-T	9.583	10.322	11314.0E6	8076.1E6	772.224	682.114
13) T	2,4-DB	10.158	10.890	1610.1E6	596.9E6	837.867	618.624 #
14) T	DINOSEB	11.359	11.266	9417.3E6	6417.2E6	742.778	678.565
15) T	Picloram	11.184	12.386	10484.6E6	11705.8E6	803.161m	667.770
16) T	DCPA	11.657	12.307	17794.6E6	14687.9E6	781.174m	745.563m

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

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Acq On : 26 Aug 2025 17:34
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

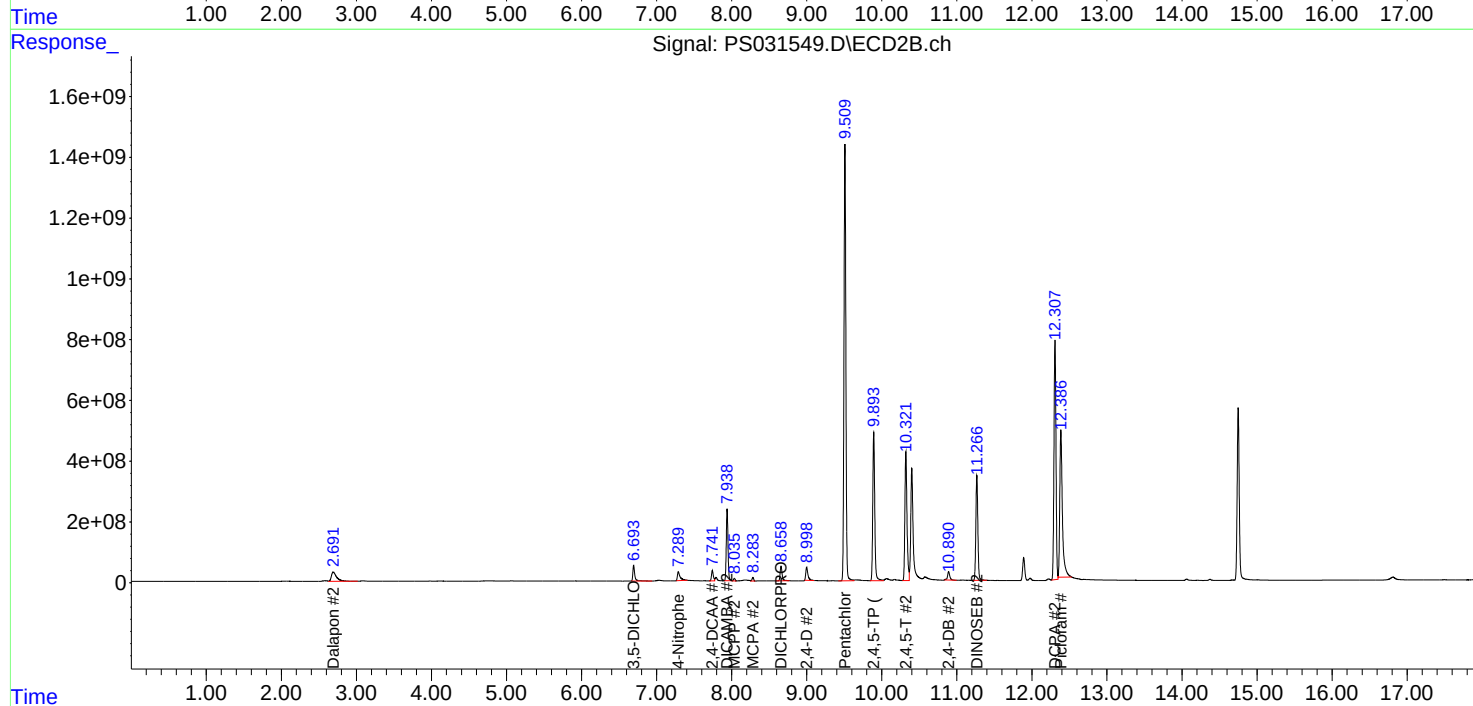
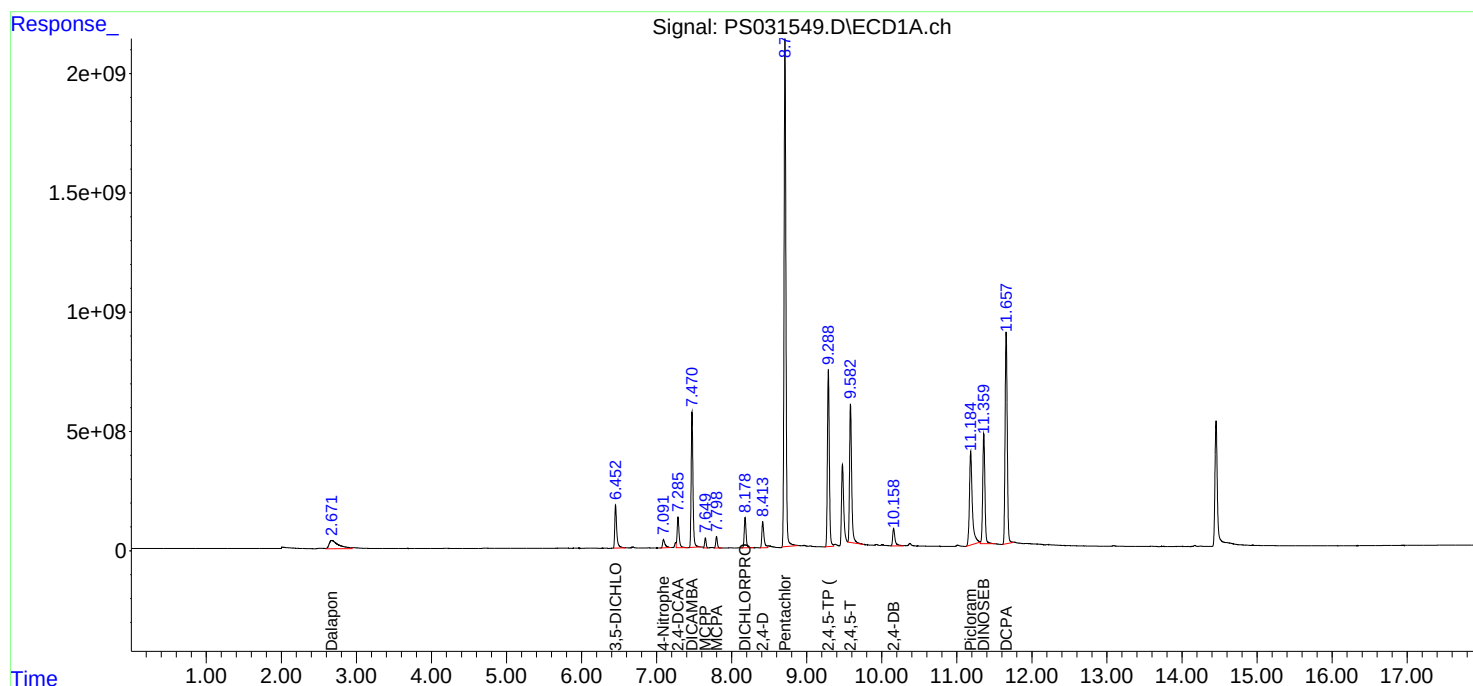
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

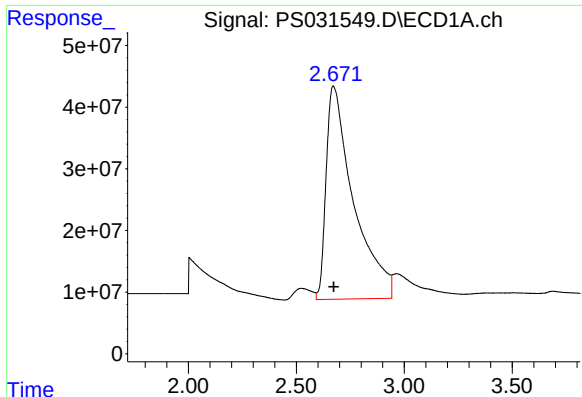
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#1 Dalapon

R.T.: 2.671 min
Delta R.T.: -0.003 min
Response: 3048342395
Conc: 580.75 ng/ml

Instrument :

ECD_S

ClientSampleId :

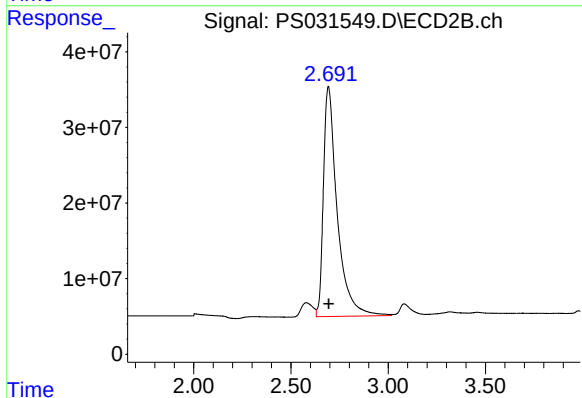
HSTDCCC750

Manual Integrations

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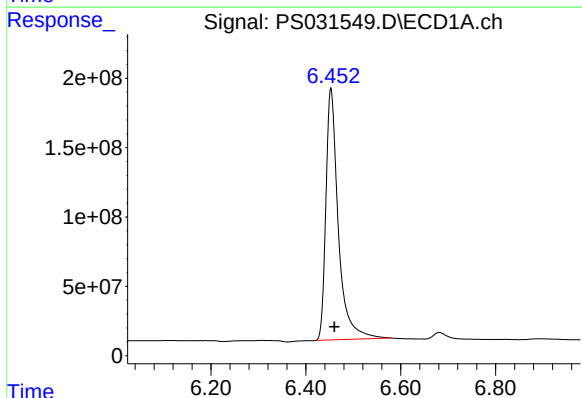
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Supervised By :mohammad ahmed 08/29/2025



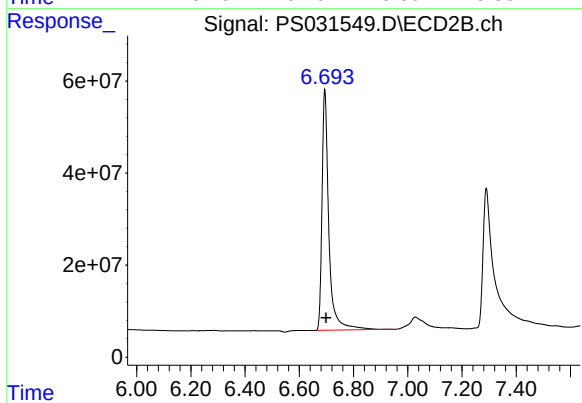
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 1501029929
Conc: 564.08 ng/ml



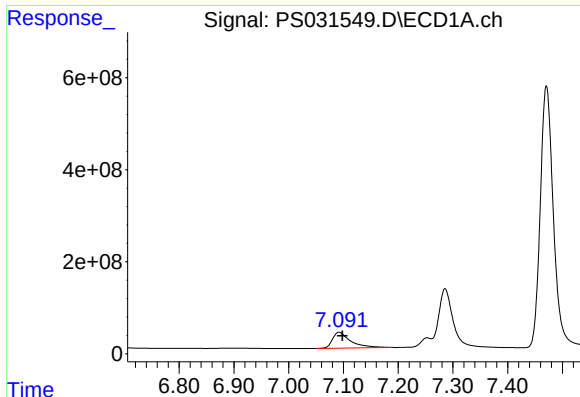
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3294103538
Conc: 698.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 916727394
Conc: 678.09 ng/ml



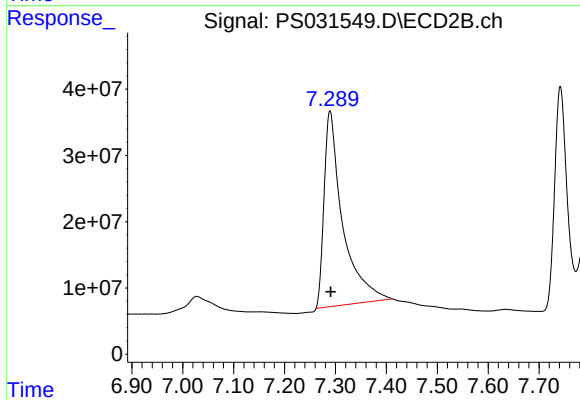
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: -0.007 min
Response: 800434781
Conc: 775.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

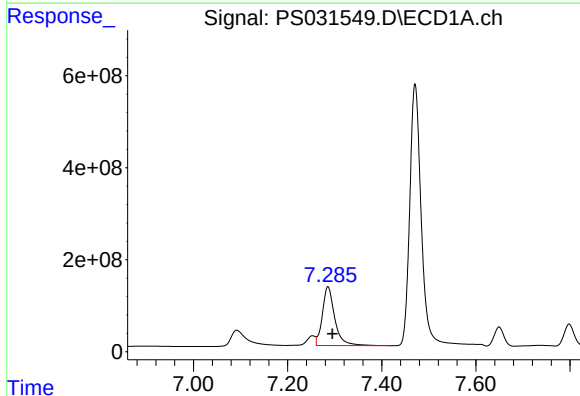
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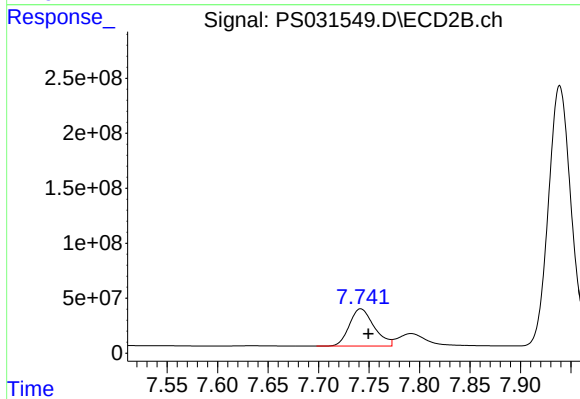
#3 4-Nitrophenol

R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 750620171
Conc: 597.20 ng/ml



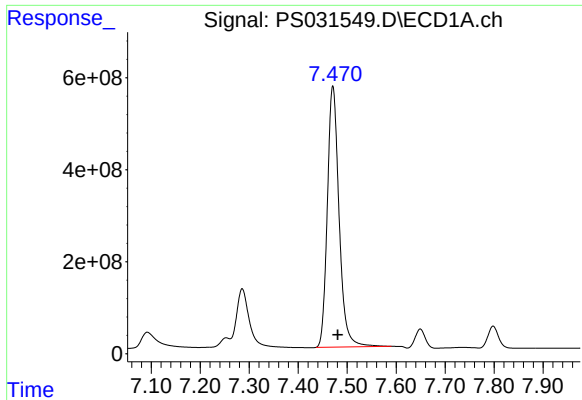
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 2332447401
Conc: 734.86 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 577109791
Conc: 682.70 ng/ml



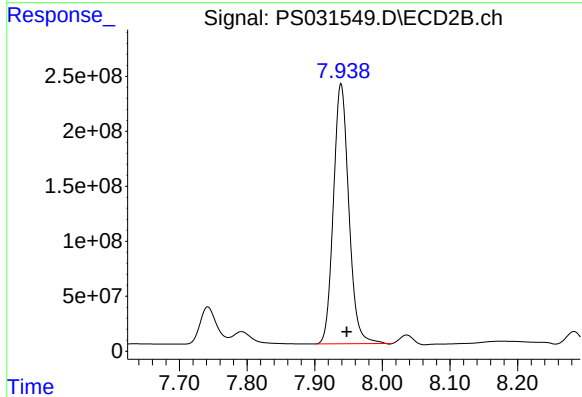
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 9453287992
Conc: 676.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

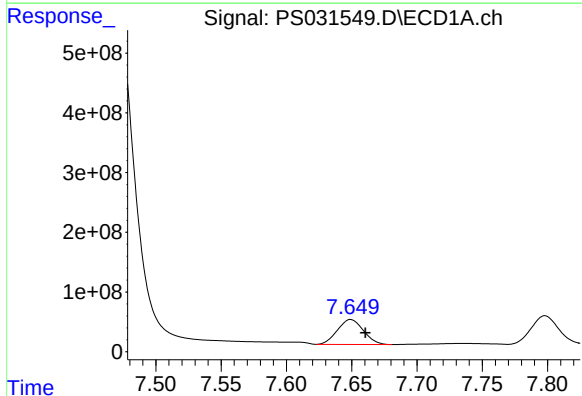
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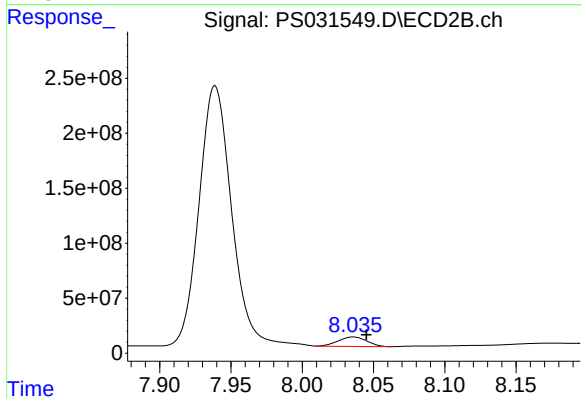
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 3741257721
Conc: 658.36 ng/ml



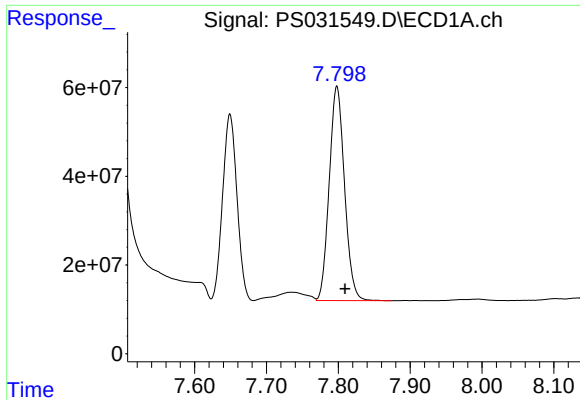
#6 MCP

R.T.: 7.649 min
Delta R.T.: -0.012 min
Response: 580200909
Conc: 72.12 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 120798126
Conc: 68.33 ug/ml m



#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 714960266
Conc: 71.77 ug/ml

Instrument :

ECD_S

ClientSampleId :

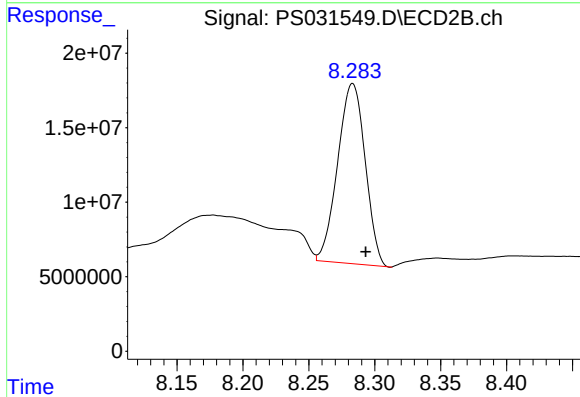
HSTDCCC750

Manual Integrations

APPROVED

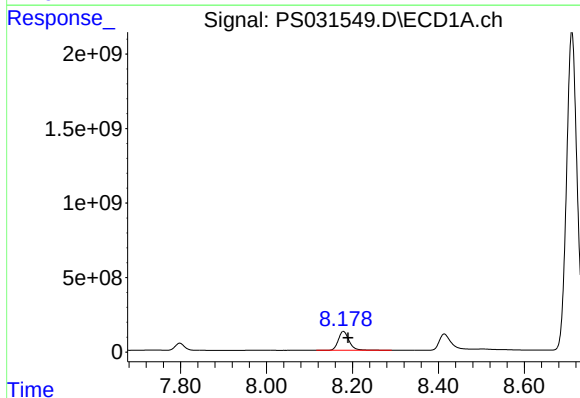
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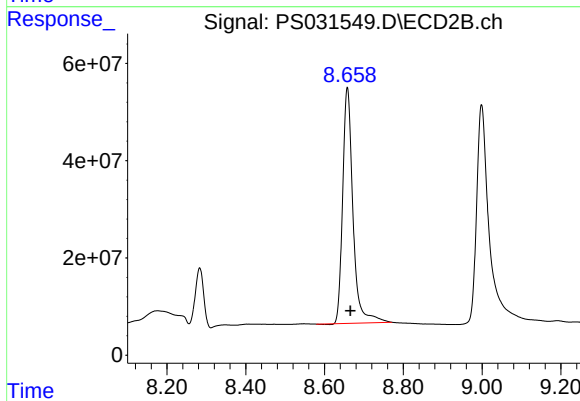
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 175553345
Conc: 62.57 ug/ml



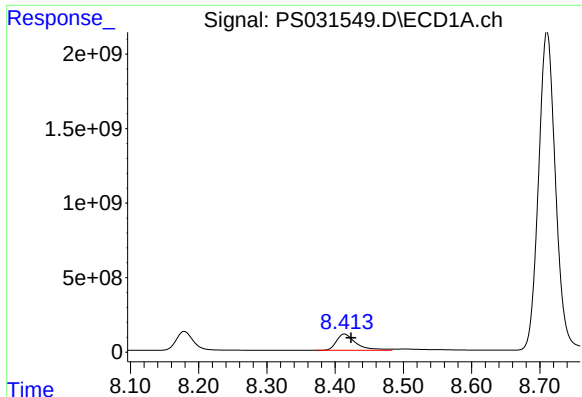
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 2194245152
Conc: 691.66 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 881510314
Conc: 660.29 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: -0.010 min
Response: 2180711732
Conc: 758.03 ng/ml

Instrument :

ECD_S

ClientSampleId :

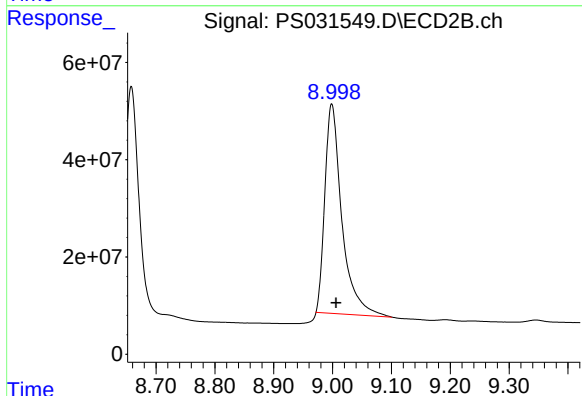
HSTDCCC750

Manual Integrations

APPROVED

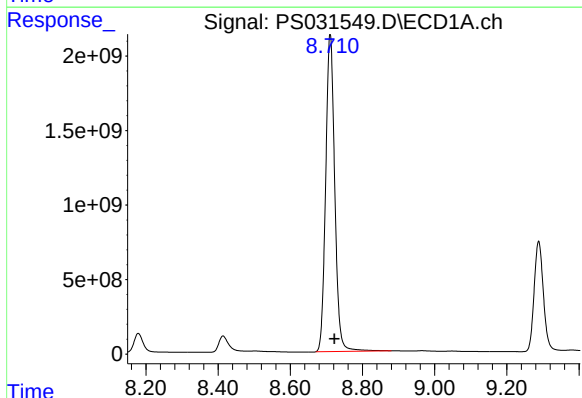
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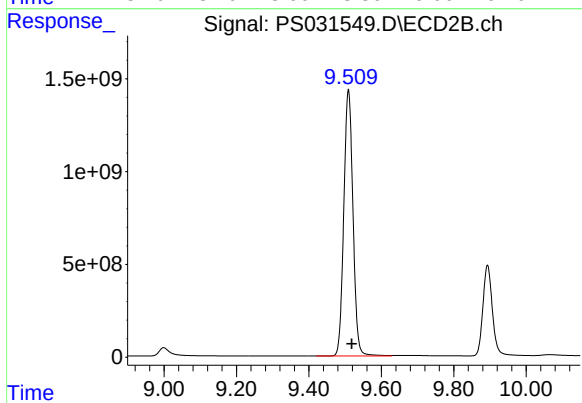
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.007 min
Response: 864175283
Conc: 605.47 ng/ml



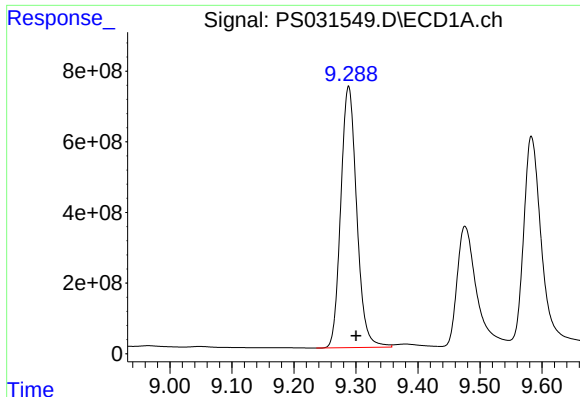
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 37067222895
Conc: 772.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.009 min
Response: 25238997982
Conc: 724.67 ng/ml



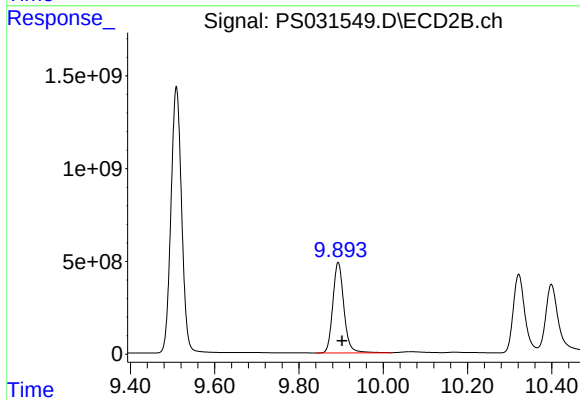
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 13207826602
Conc: 736.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

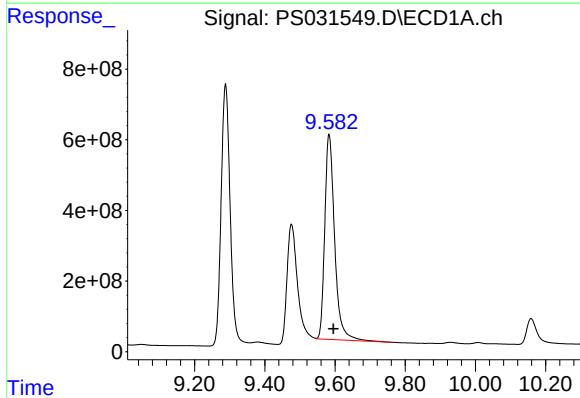
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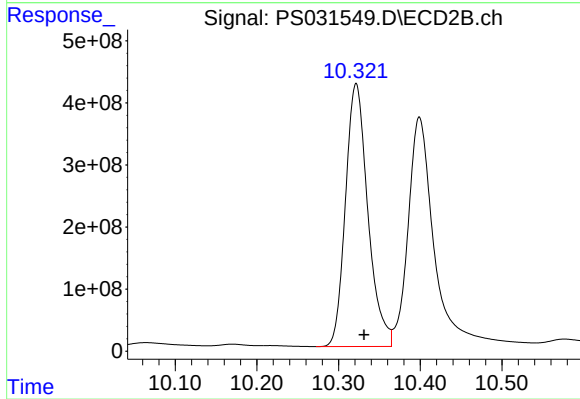
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 8934991588
Conc: 681.23 ng/ml



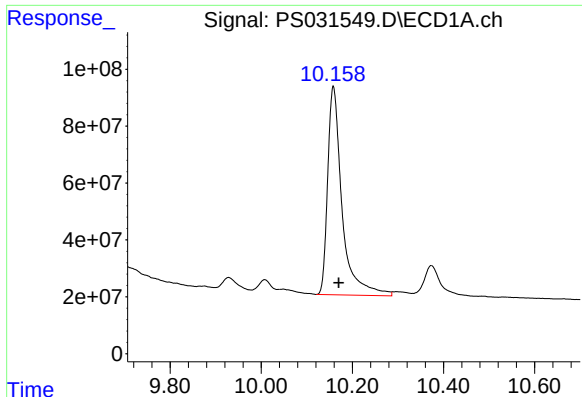
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.013 min
Response: 11314035945
Conc: 772.22 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8076063846
Conc: 682.11 ng/ml



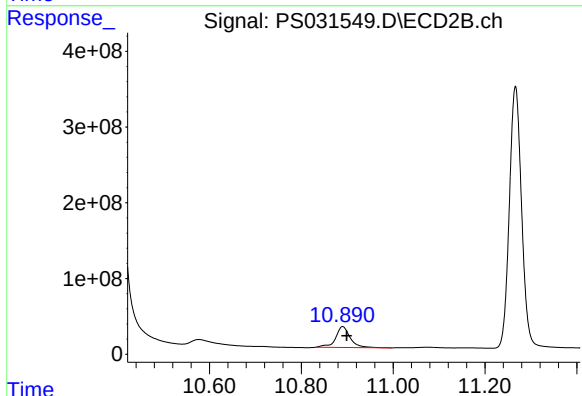
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 1610145809
Conc: 837.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

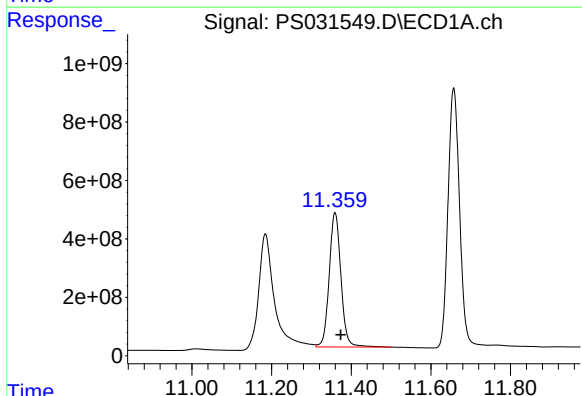
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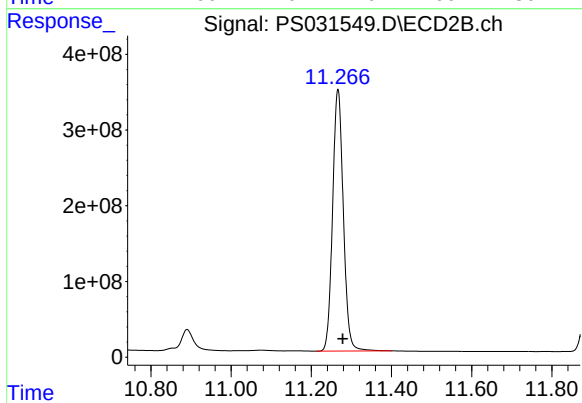
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 596876827
Conc: 618.62 ng/ml



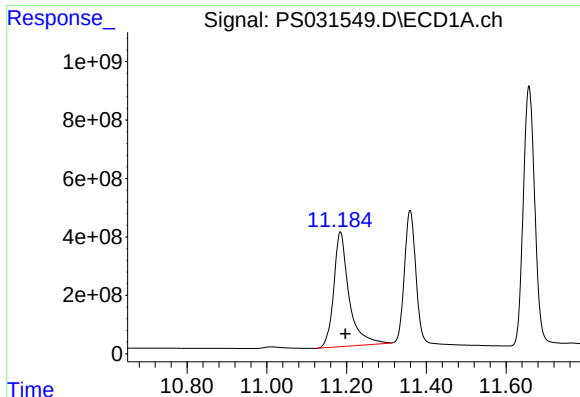
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: -0.014 min
Response: 9417293203
Conc: 742.78 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 6417157595
Conc: 678.57 ng/ml



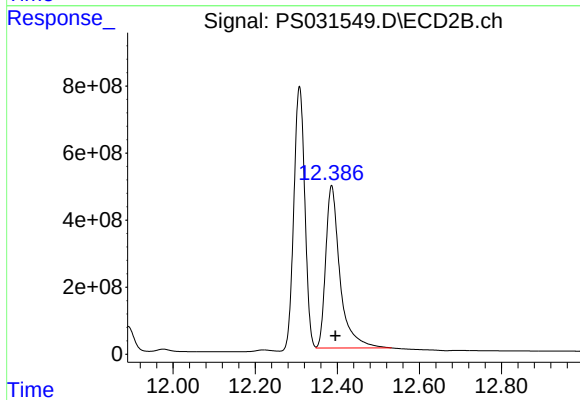
#15 Picloram

R.T.: 11.184 min
Delta R.T.: -0.013 min
Response: 10484581965
Conc: 803.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

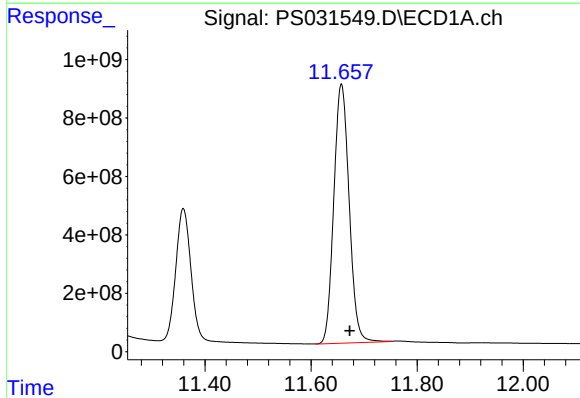
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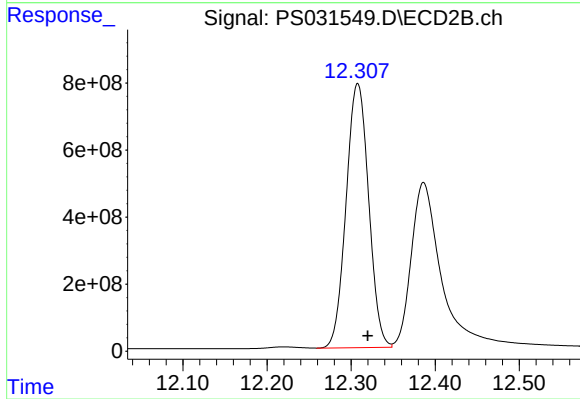
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.009 min
Response: 11705826664
Conc: 667.77 ng/ml



#16 DCPA

R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 17794613215
Conc: 781.17 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.012 min
Response: 14687893807
Conc: 745.56 ng/ml m