

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 19:47
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 03:32:12 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	7.292	7.746	2336.5E6	610.9E6	736.147	722.636
Target Compounds							
1) T	Dalapon	2.672	2.696	3245.5E6	1646.5E6	618.318	618.758
2) T	3,5-DICHL...	6.458	6.696	3208.9E6	897.6E6	680.100	663.914
3) T	4-Nitroph...	7.093	7.285	849.2E6	931.9E6	823.141m	741.398m
5) T	DICAMBA	7.479	7.945	9675.1E6	3849.6E6	692.739	677.424
6) T	MCPD	7.658	8.043	599.6E6	123.0E6	74.526	69.549
7) T	MCPA	7.808	8.291	730.3E6	183.5E6	73.313	65.398
8) T	DICHLORPROP	8.186	8.663	2197.5E6	888.1E6	692.679	665.195
9) T	2,4-D	8.419	9.001	2143.4E6	940.0E6	745.060	658.605
10) T	Pentachlo...	8.719	9.516	35537.7E6	24243.5E6	740.178	696.084
11) T	2,4,5-TP ...	9.297	9.900	13104.8E6	8967.8E6	731.142	683.732
12) T	2,4,5-T	9.590	10.328	11598.2E6	8261.6E6	791.617	697.786
13) T	2,4-DB	10.165	10.895	1684.1E6	665.5E6	876.329	689.728
14) T	DINOSEB	11.371	11.276	9050.9E6	6163.9E6	713.882	651.781
15) T	Picloram	11.190	12.390	11660.0E6	13356.4E6	893.200	761.930
16) T	DCPA	11.669	12.318	16929.6E6	13950.1E6	743.201	708.113

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

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Data File : PS031410.D
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Acq On : 08 Aug 2025 19:47
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

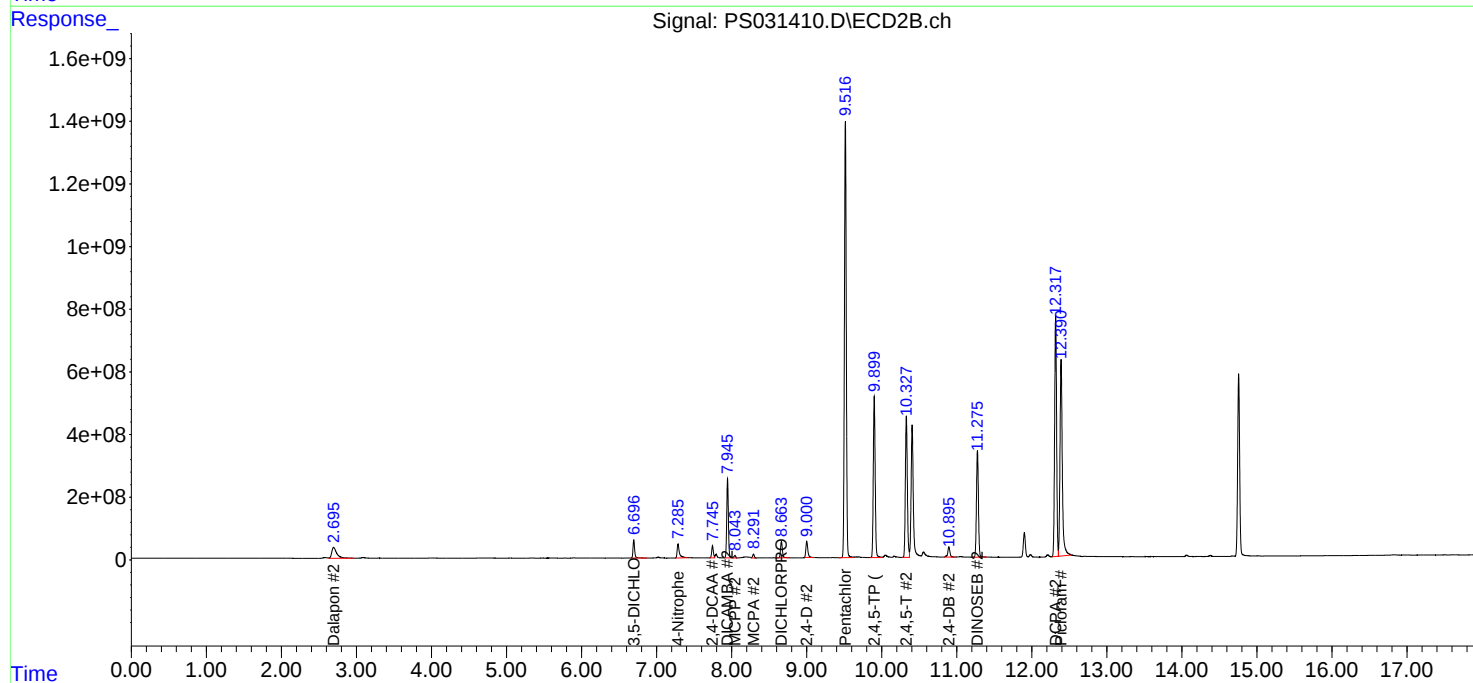
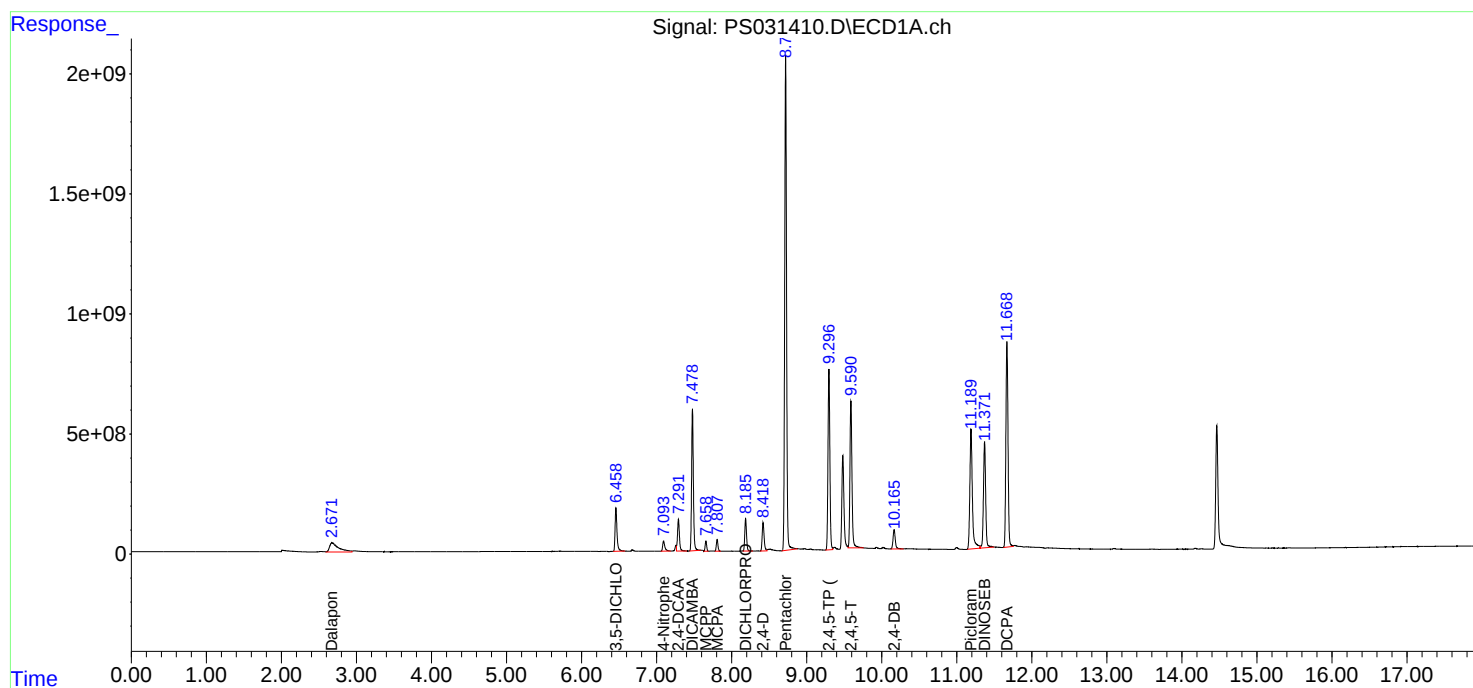
Instrument :
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ClientSampleId :
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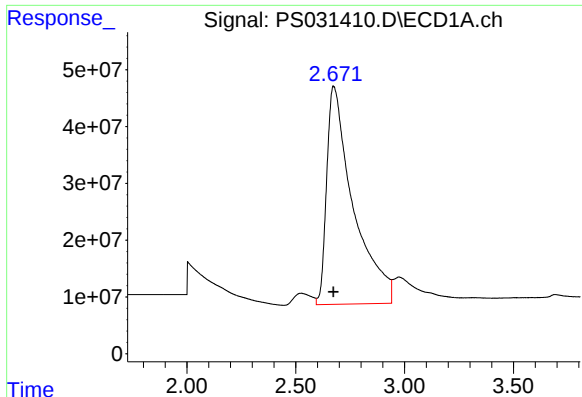
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 3245509280
Conc: 618.32 ng/ml

Instrument :

ECD_S

ClientSampleId :

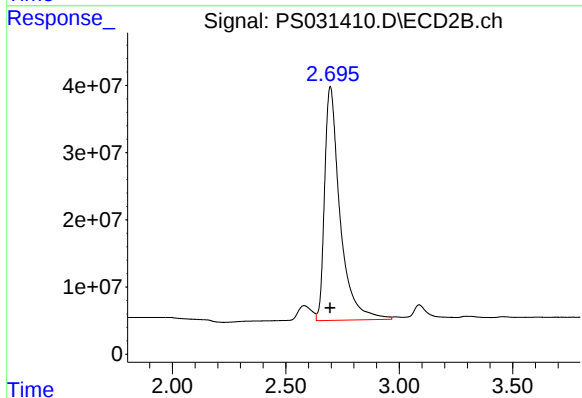
HSTDCCC750

Manual Integrations

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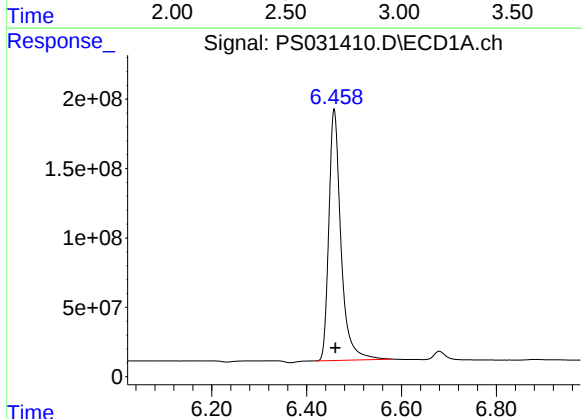
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Supervised By :mohammad ahmed 08/12/2025



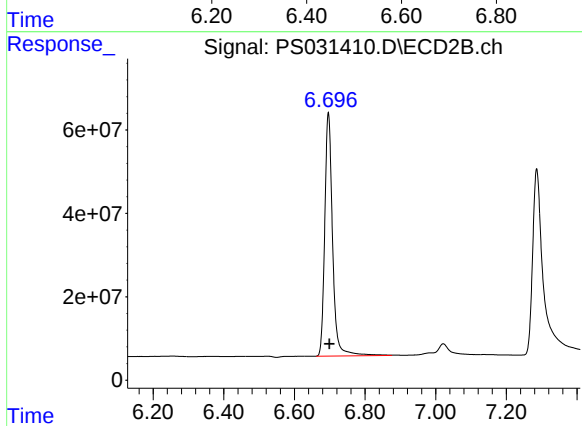
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 1646522423
Conc: 618.76 ng/ml



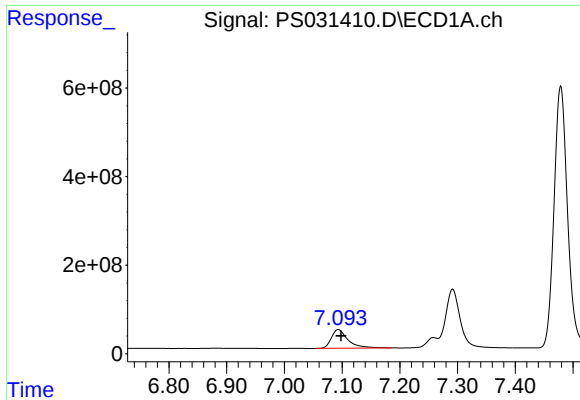
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 3208923799
Conc: 680.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 897565077
Conc: 663.91 ng/ml



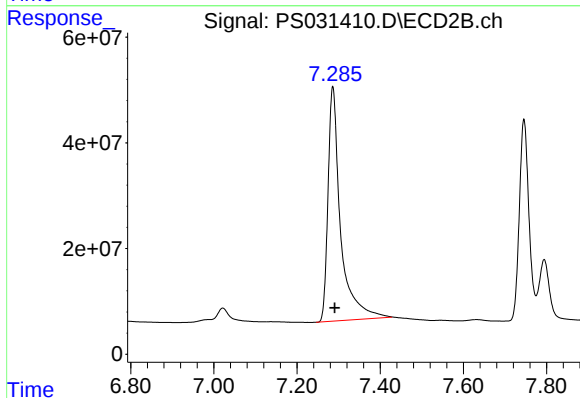
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.006 min
Response: 849218070
Conc: 823.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

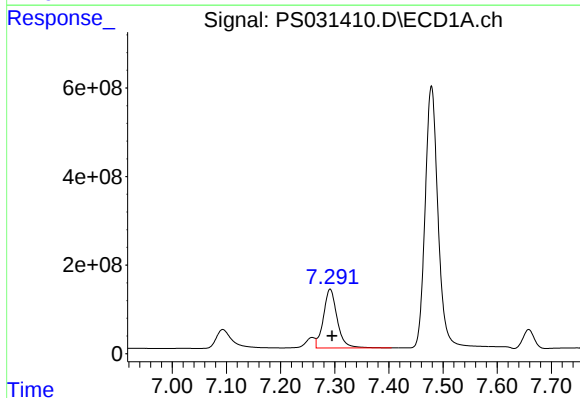
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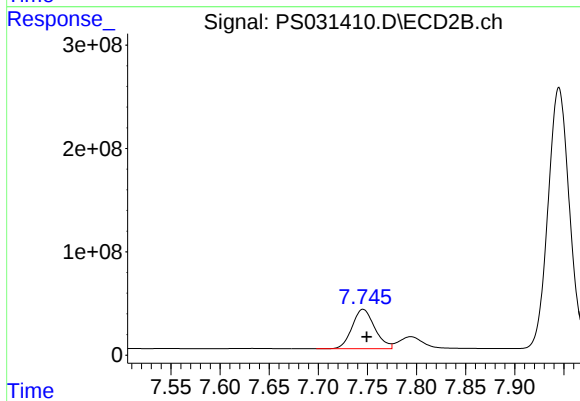
#3 4-Nitrophenol

R.T.: 7.285 min
Delta R.T.: -0.005 min
Response: 931855962
Conc: 741.40 ng/ml m



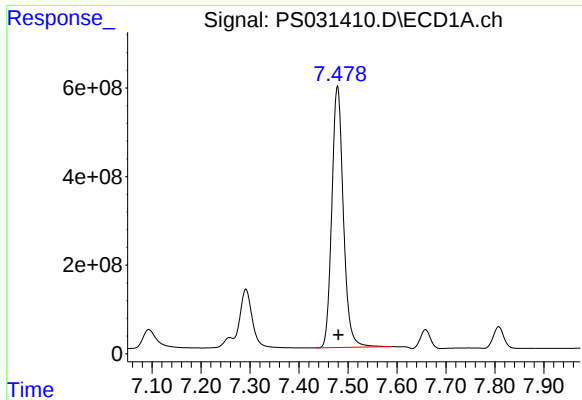
#4 2,4-DCAA

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 2336521013
Conc: 736.15 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 610872961
Conc: 722.64 ng/ml



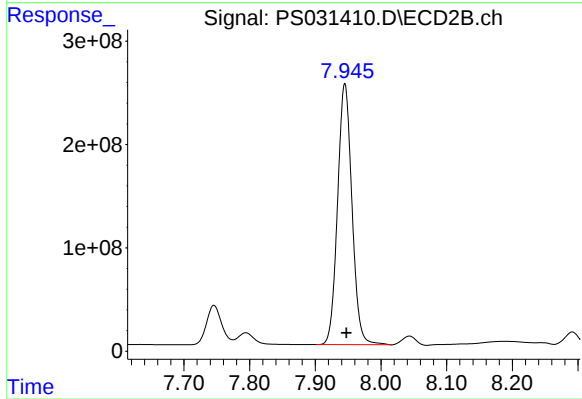
#5 DICAMBA

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 9675117098
Conc: 692.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

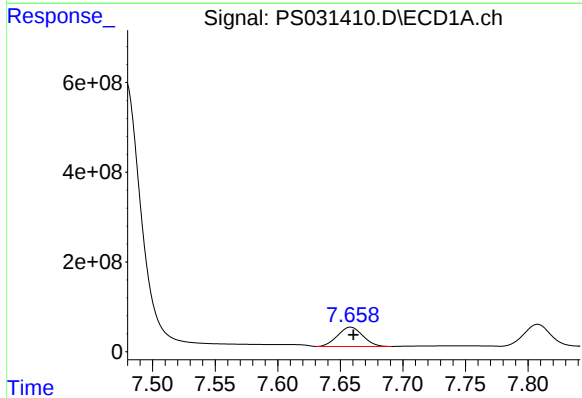
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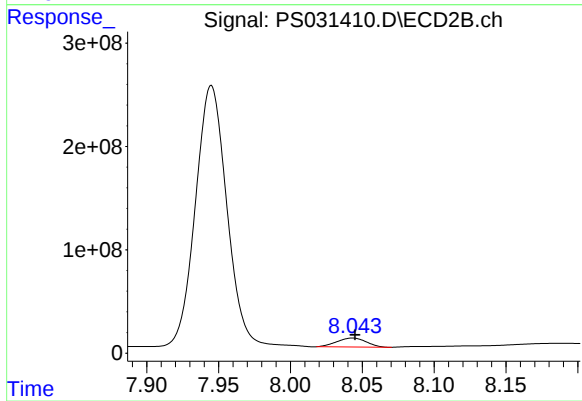
#5 DICAMBA

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 3849587943
Conc: 677.42 ng/ml



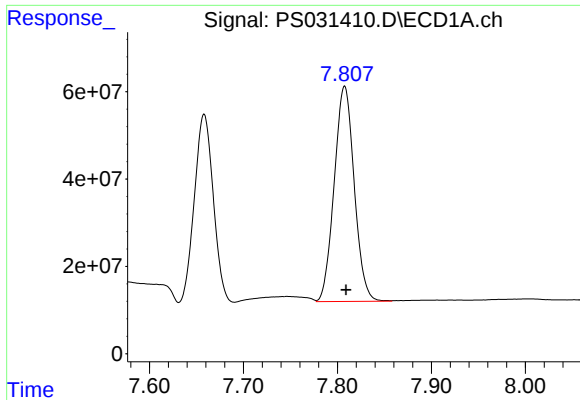
#6 MCPP

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 599552619
Conc: 74.53 ug/ml



#6 MCPP

R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 122951779
Conc: 69.55 ug/ml



#7 MCPA

R.T.: 7.808 min
Delta R.T.: -0.002 min
Response: 730295824
Conc: 73.31 ug/ml

Instrument :

ECD_S

ClientSampleId :

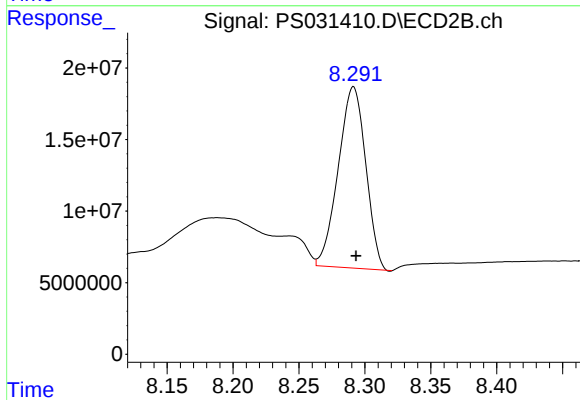
HSTDCCC750

Manual Integrations

APPROVED

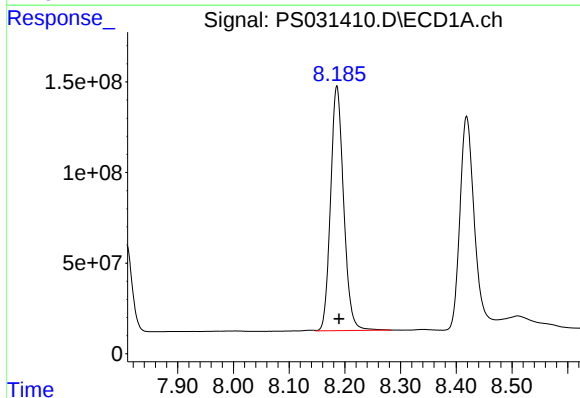
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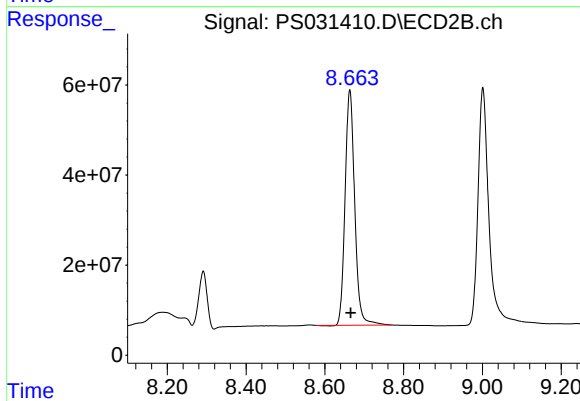
#7 MCPA

R.T.: 8.291 min
Delta R.T.: -0.002 min
Response: 183473933
Conc: 65.40 ug/ml



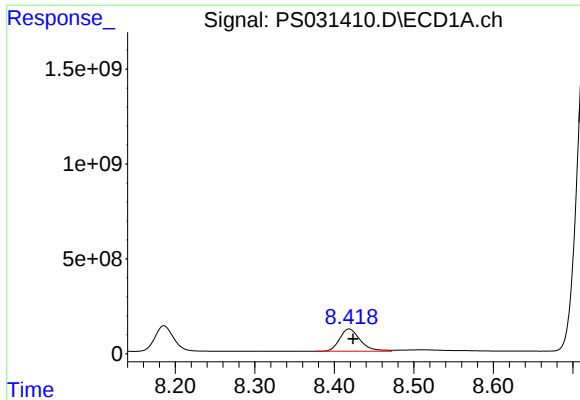
#8 DICHLORPROP

R.T.: 8.186 min
Delta R.T.: -0.004 min
Response: 2197476815
Conc: 692.68 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 888057315
Conc: 665.19 ng/ml



#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.005 min
Response: 2143399770
Conc: 745.06 ng/ml

Instrument :

ECD_S

ClientSampleId :

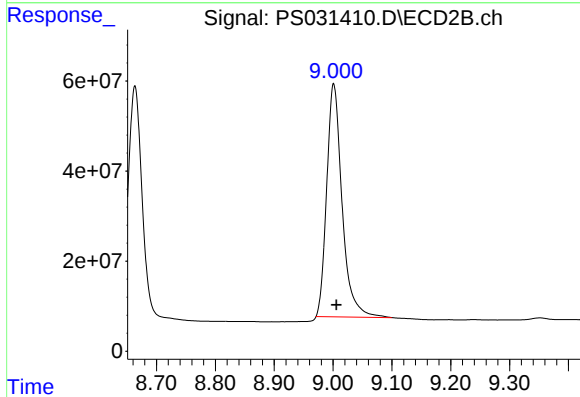
HSTDCCC750

Manual Integrations

APPROVED

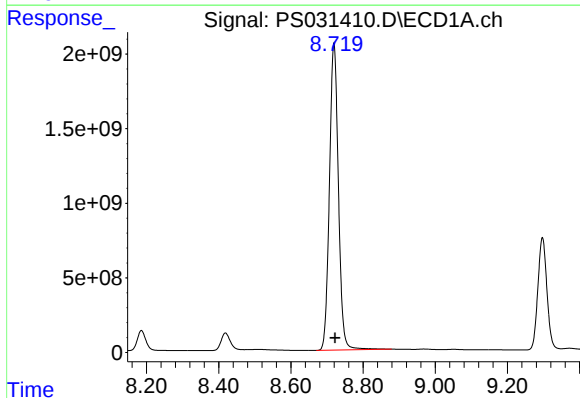
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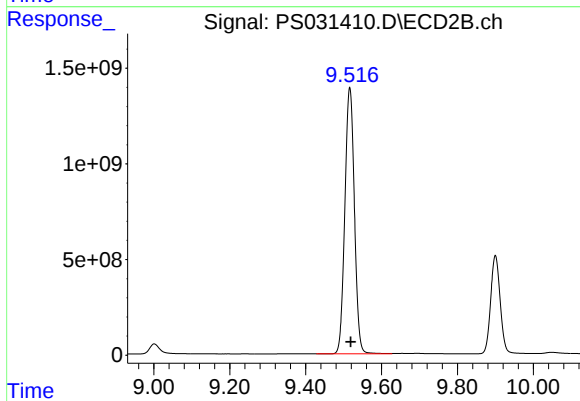
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.004 min
Response: 940017838
Conc: 658.60 ng/ml



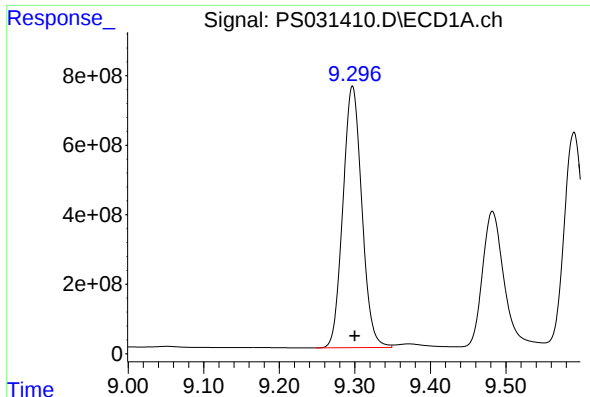
#10 Pentachlorophenol

R.T.: 8.719 min
Delta R.T.: -0.003 min
Response: 35537726136
Conc: 740.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.516 min
Delta R.T.: -0.002 min
Response: 24243495474
Conc: 696.08 ng/ml



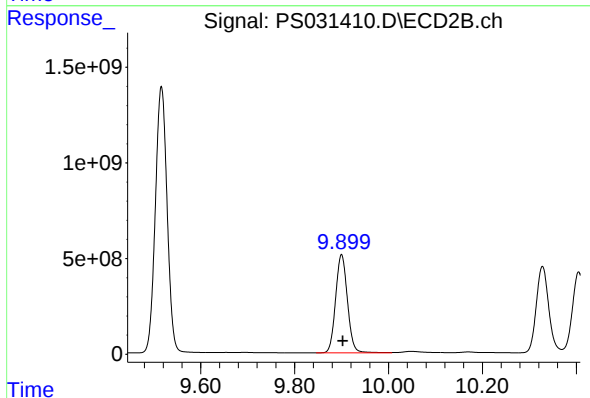
#11 2,4,5-TP (SILVEX)

R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 13104770906
Conc: 731.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

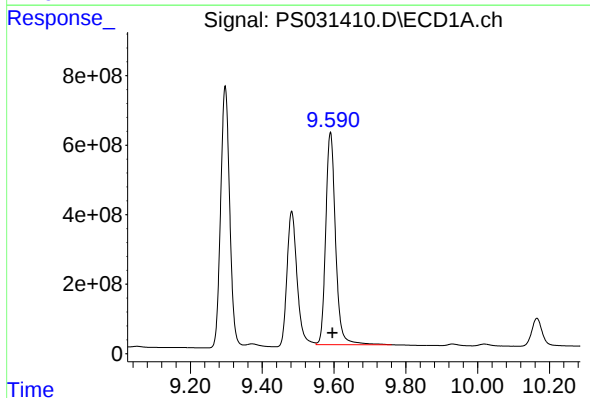
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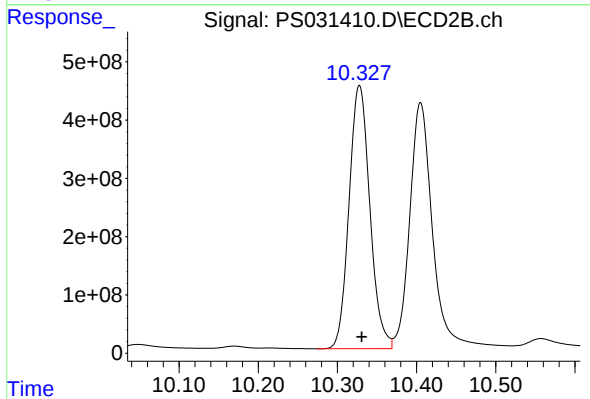
#11 2,4,5-TP (SILVEX)

R.T.: 9.900 min
Delta R.T.: -0.003 min
Response: 8967841792
Conc: 683.73 ng/ml



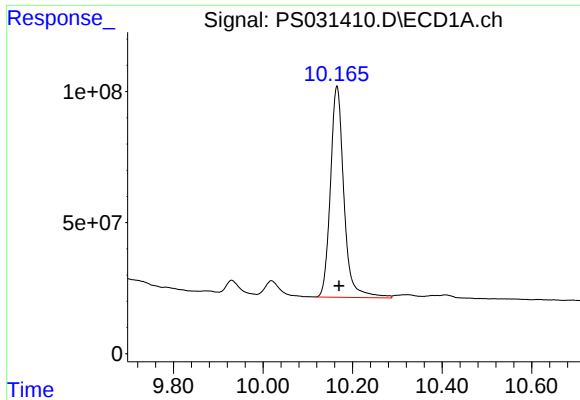
#12 2,4,5-T

R.T.: 9.590 min
Delta R.T.: -0.005 min
Response: 11598168356
Conc: 791.62 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 8261625234
Conc: 697.79 ng/ml



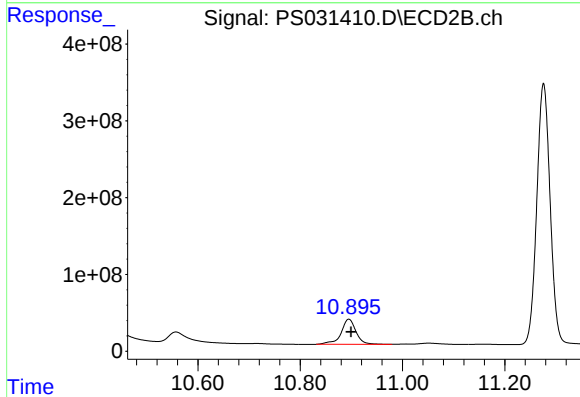
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 1684060193
Conc: 876.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

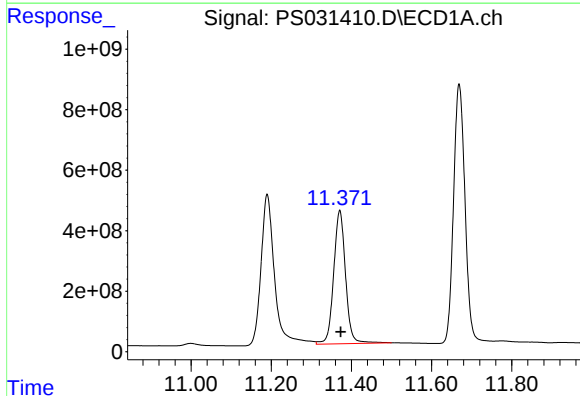
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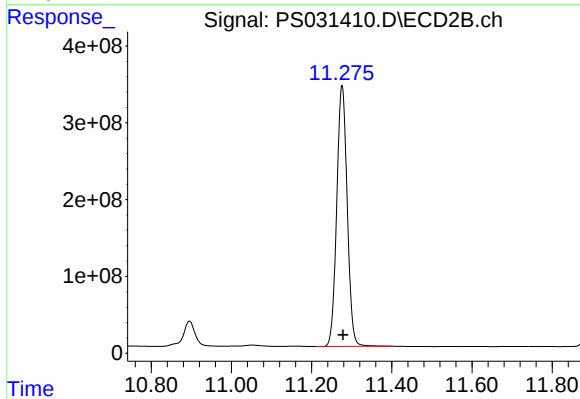
#13 2,4-DB

R.T.: 10.895 min
Delta R.T.: -0.004 min
Response: 665481785
Conc: 689.73 ng/ml



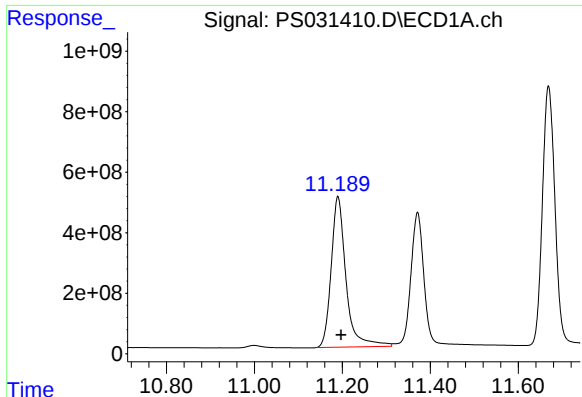
#14 DINOSEB

R.T.: 11.371 min
Delta R.T.: -0.002 min
Response: 9050939351
Conc: 713.88 ng/ml



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: -0.003 min
Response: 6163863974
Conc: 651.78 ng/ml



#15 Picloram

R.T.: 11.190 min
Delta R.T.: -0.007 min
Response: 11659967411
Conc: 893.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

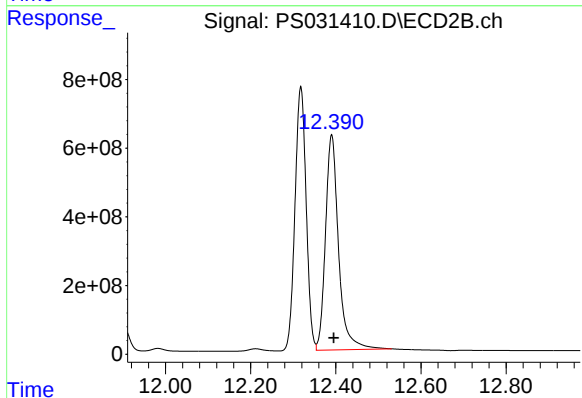
HSTDCCC750

Manual Integrations

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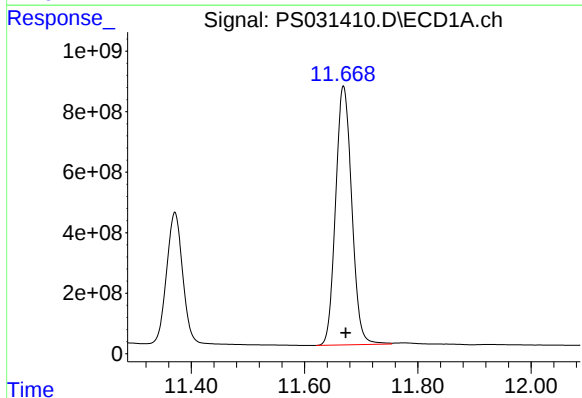
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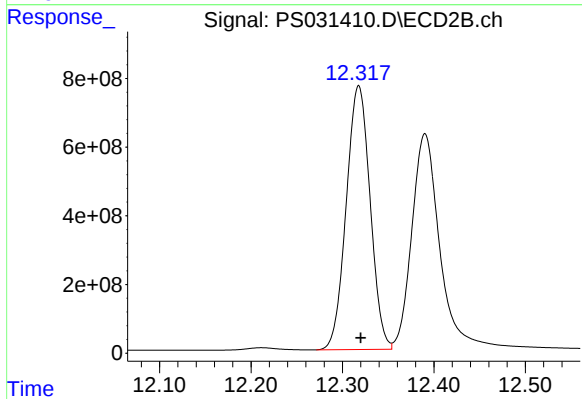
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.005 min
Response: 13356419399
Conc: 761.93 ng/ml



#16 DCPA

R.T.: 11.669 min
Delta R.T.: -0.004 min
Response: 16929621173
Conc: 743.20 ng/ml



#16 DCPA

R.T.: 12.318 min
Delta R.T.: -0.002 min
Response: 13950113746
Conc: 708.11 ng/ml