

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032125\
 Data File : PS029489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 10:25
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:24:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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	7.153	7.581	3290.3E6	676.6E6	795.129	778.108
Target Compounds							
1) T	Dalapon	2.592	2.634	4195.5E6	1308.9E6	747.932	648.531
2) T	3,5-DICHL...	6.336	6.564	4348.4E6	958.6E6	747.355	719.085
3) T	4-Nitroph...	6.955	7.118	1452.9E6	513.6E6	770.424	713.437
5) T	DICAMBA	7.334	7.772	13412.4E6	3699.6E6	747.924	721.799
6) T	MCPD	7.515	7.877	958.8E6	167.2E6	72.648	72.366
7) T	MCPA	7.663	8.114	1254.6E6	215.7E6	72.783	71.859
8) T	DICHLORPROP	8.035	8.475	3450.7E6	884.3E6	747.287	730.661
9) T	2,4-D	8.265	8.798	3519.5E6	894.8E6	778.031	745.171
10) T	Pentachlo...	8.560	9.310	44757.1E6	17284.4E6	797.500	745.261
11) T	2,4,5-TP ...	9.129	9.685	18925.2E6	6730.2E6	765.966	749.112
12) T	2,4,5-T	9.421	10.097	19404.9E6	5898.9E6	779.062	756.800
13) T	2,4-DB	9.991	10.657	2876.1E6	569.7E6	786.809	757.045
14) T	DINOSEB	11.181	11.030	13366.3E6	4401.4E6	767.870	762.565
15) T	Picloram	10.998	12.098	23527.5E6	8517.6E6	781.008	750.521
16) T	DCPA	11.479	12.058	23207.1E6	9530.7E6	774.711	797.132m

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

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Acq On : 21 Mar 2025 10:25
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

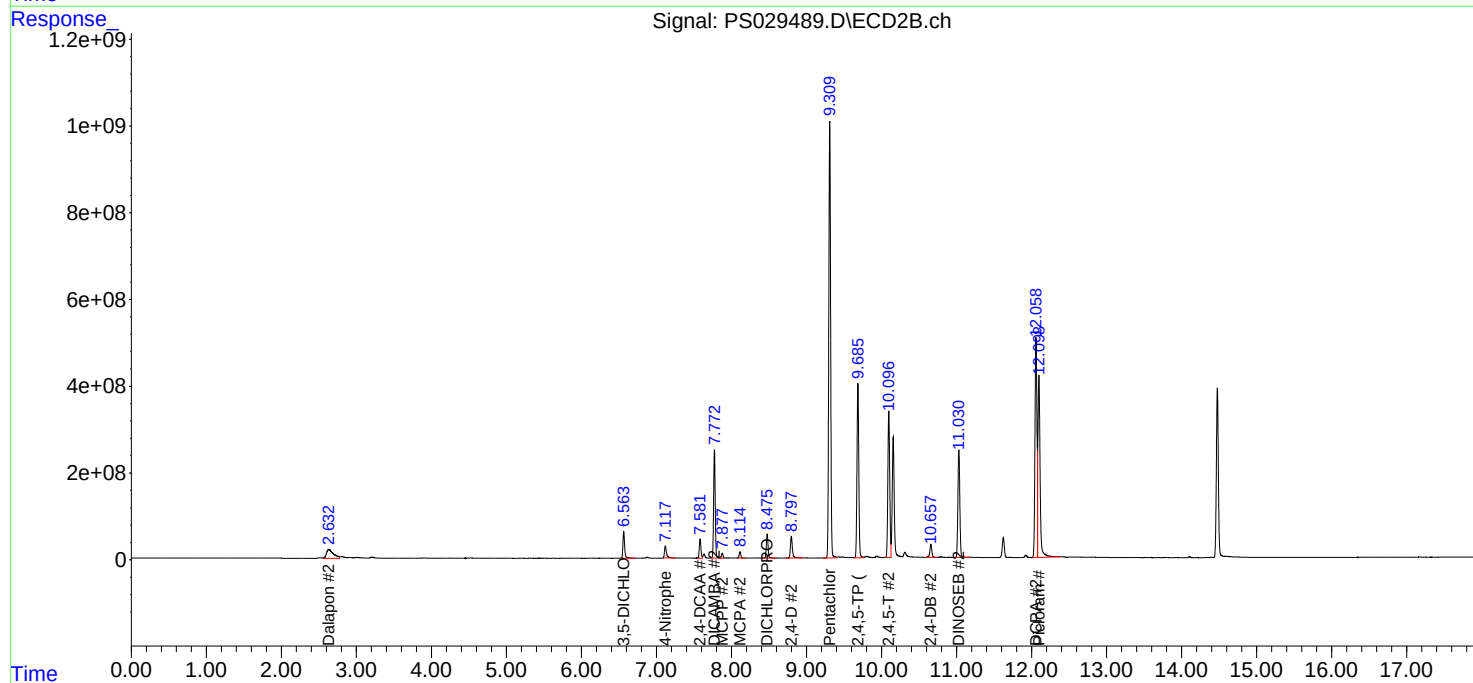
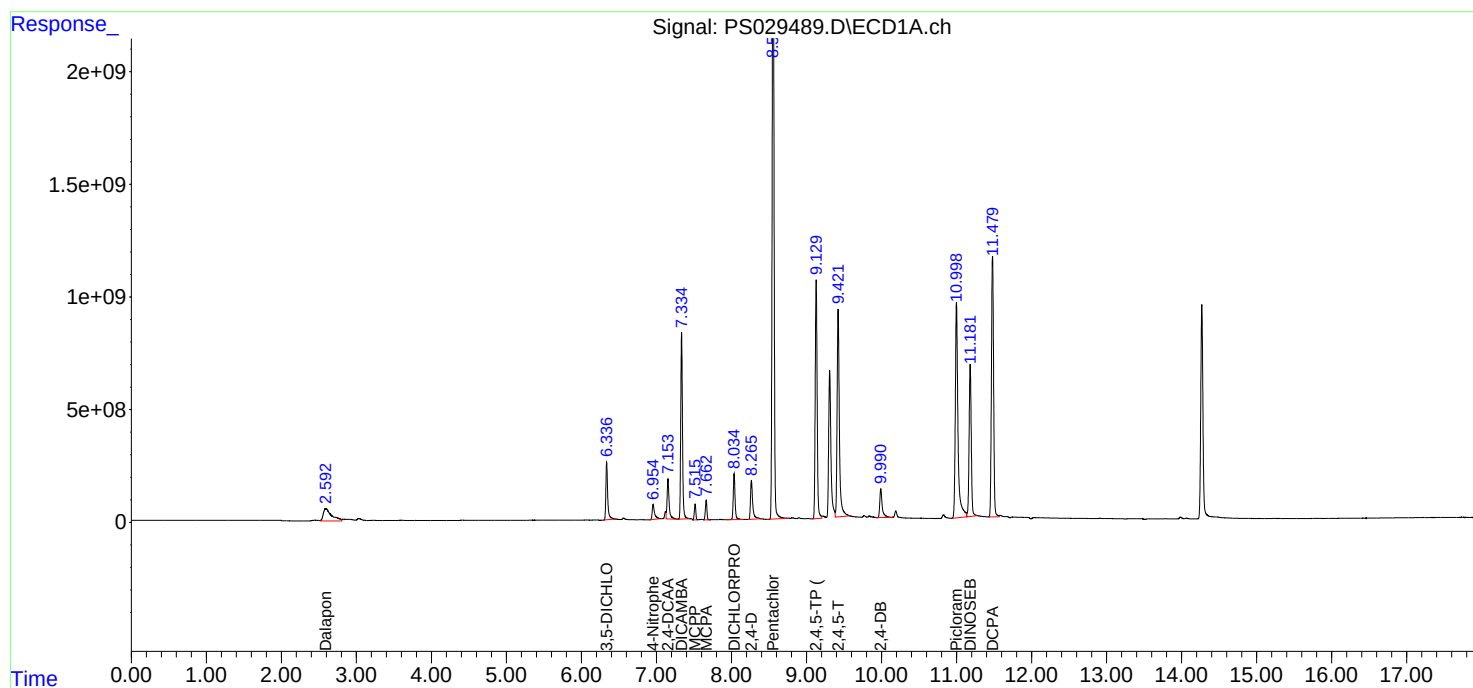
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

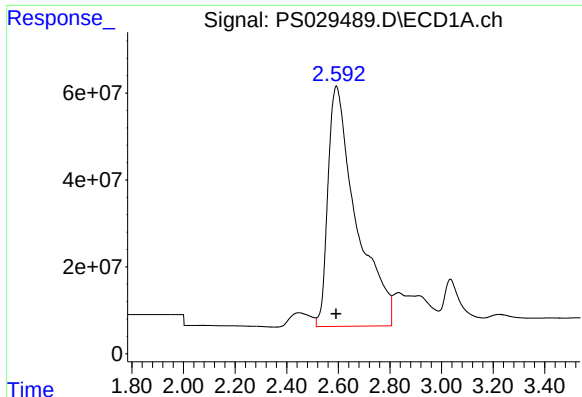
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.592 min
Delta R.T.: 0.001 min
Response: 4195511860
Conc: 747.93 ng/ml

Instrument :

ECD_S

ClientSampleId :

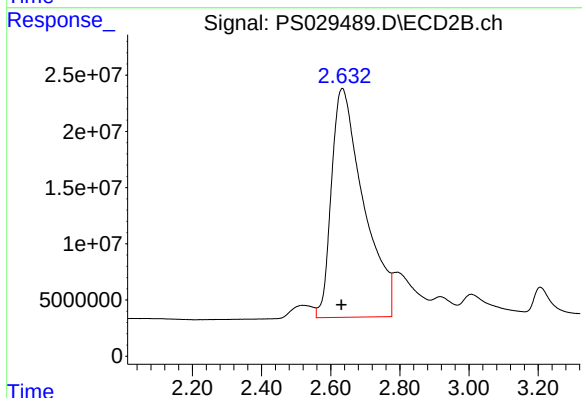
HSTDCCC750

Manual Integrations

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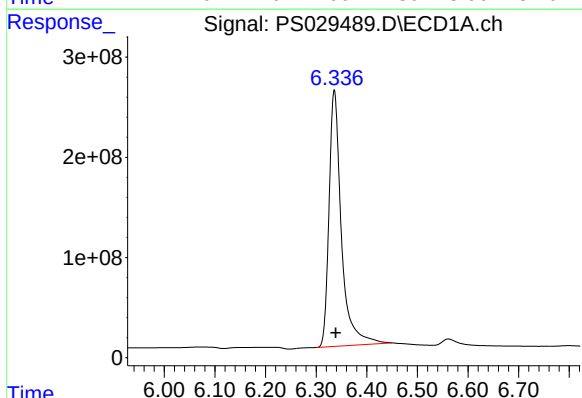
Reviewed By :Abdul Mirza 03/24/2025

Supervised By :mohammad ahmed 03/25/2025



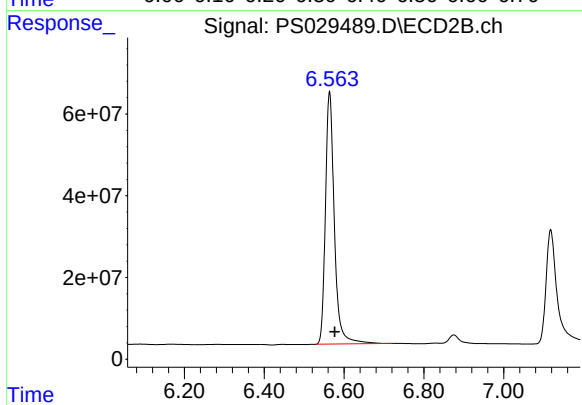
#1 Dalapon

R.T.: 2.634 min
Delta R.T.: 0.002 min
Response: 1308905838
Conc: 648.53 ng/ml



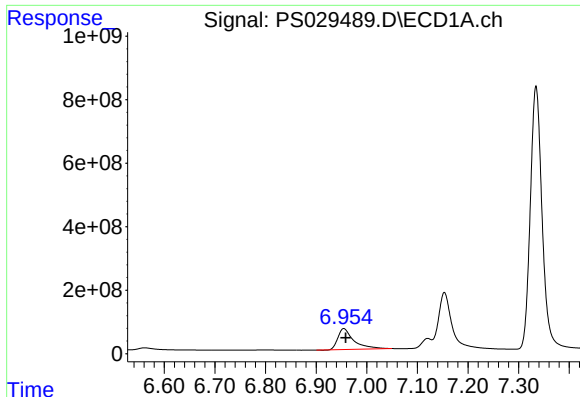
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 4348418681
Conc: 747.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.564 min
Delta R.T.: -0.013 min
Response: 958630690
Conc: 719.09 ng/ml



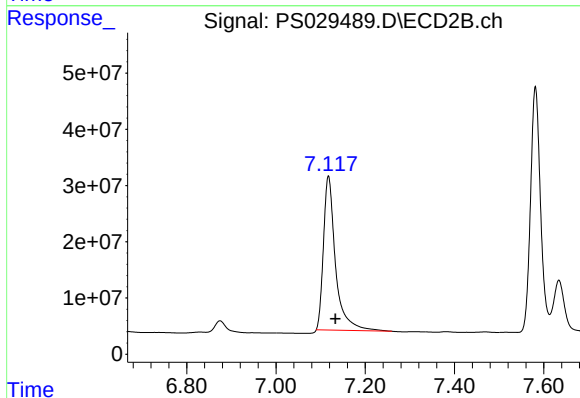
#3 4-Nitrophenol

R.T.: 6.955 min
Delta R.T.: -0.004 min
Response: 1452869158
Conc: 770.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

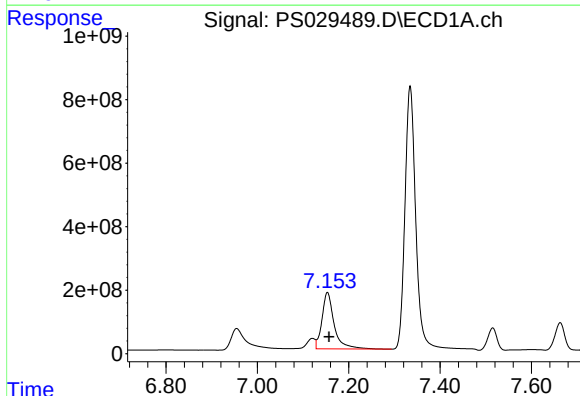
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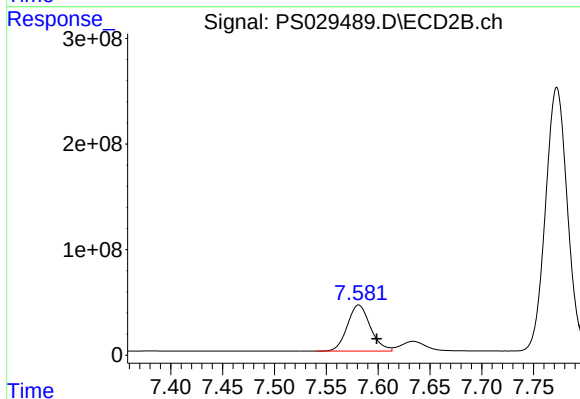
#3 4-Nitrophenol

R.T.: 7.118 min
Delta R.T.: -0.016 min
Response: 513579144
Conc: 713.44 ng/ml



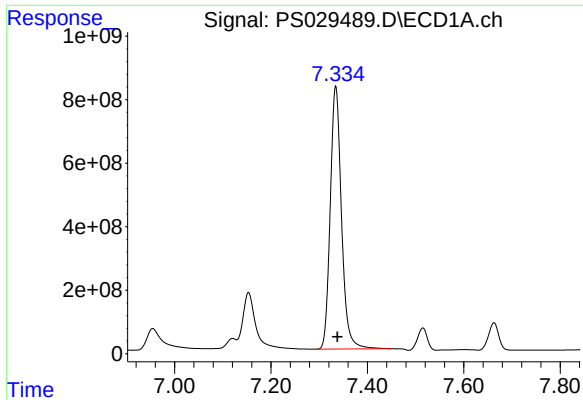
#4 2,4-DCAA

R.T.: 7.153 min
Delta R.T.: -0.004 min
Response: 3290264304
Conc: 795.13 ng/ml



#4 2,4-DCAA

R.T.: 7.581 min
Delta R.T.: -0.017 min
Response: 676557441
Conc: 778.11 ng/ml



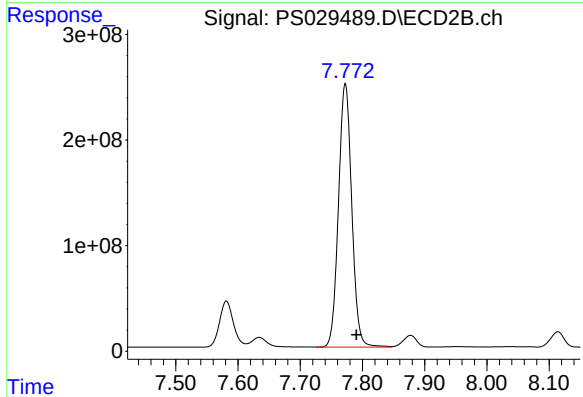
#5 DICAMBA

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 13412351391
Conc: 747.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

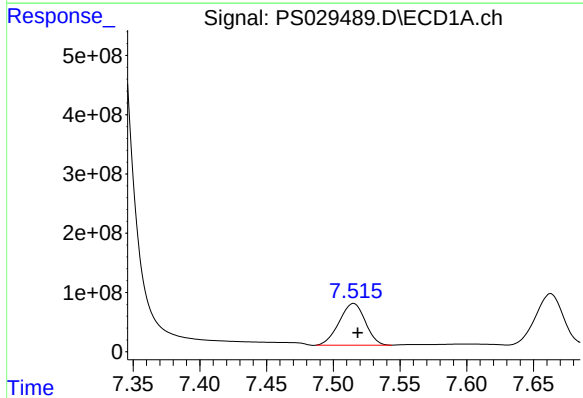
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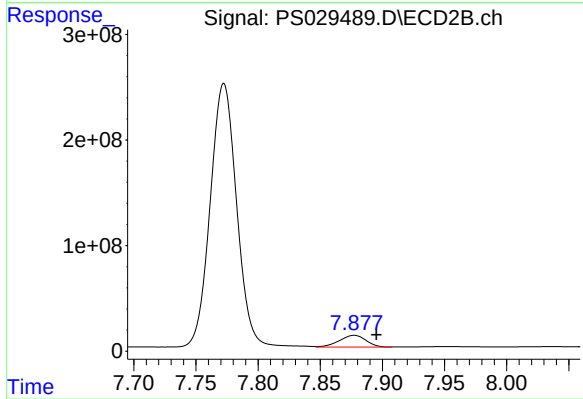
#5 DICAMBA

R.T.: 7.772 min
Delta R.T.: -0.018 min
Response: 3699606986
Conc: 721.80 ng/ml



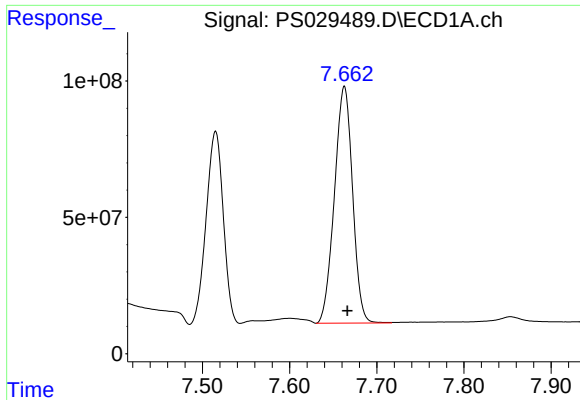
#6 MCP

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 958834249
Conc: 72.65 ug/ml



#6 MCP

R.T.: 7.877 min
Delta R.T.: -0.018 min
Response: 167243326
Conc: 72.37 ug/ml



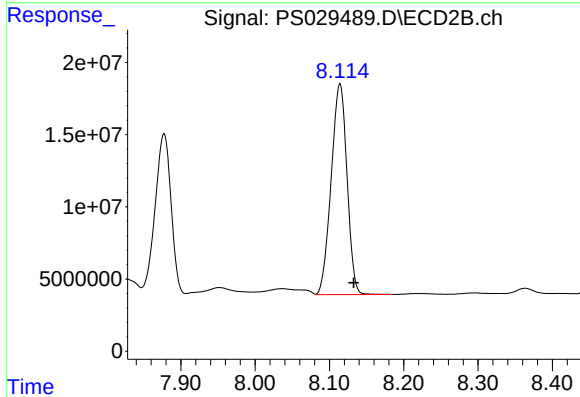
#7 MCPA

R.T.: 7.663 min
Delta R.T.: -0.003 min
Response: 1254578921
Conc: 72.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

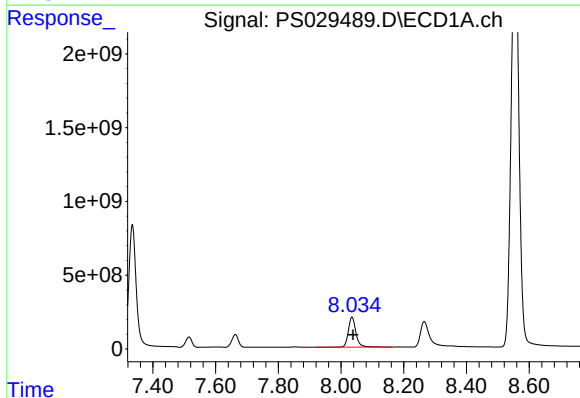
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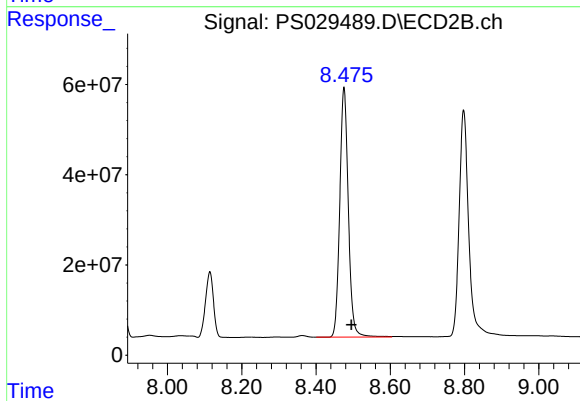
#7 MCPA

R.T.: 8.114 min
Delta R.T.: -0.018 min
Response: 215652048
Conc: 71.86 ug/ml



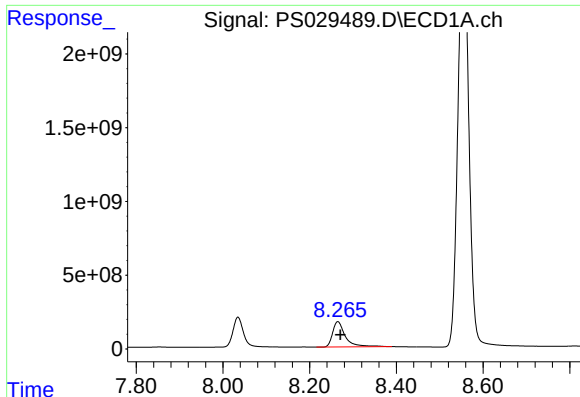
#8 DICHLORPROP

R.T.: 8.035 min
Delta R.T.: -0.004 min
Response: 3450683336
Conc: 747.29 ng/ml



#8 DICHLORPROP

R.T.: 8.475 min
Delta R.T.: -0.020 min
Response: 884305584
Conc: 730.66 ng/ml



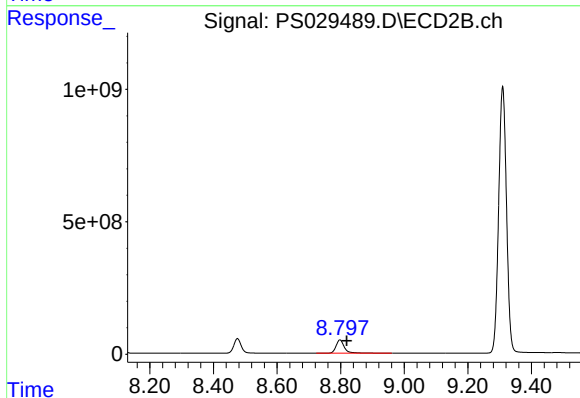
#9 2,4-D

R.T.: 8.265 min
Delta R.T.: -0.006 min
Response: 3519481816
Conc: 778.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

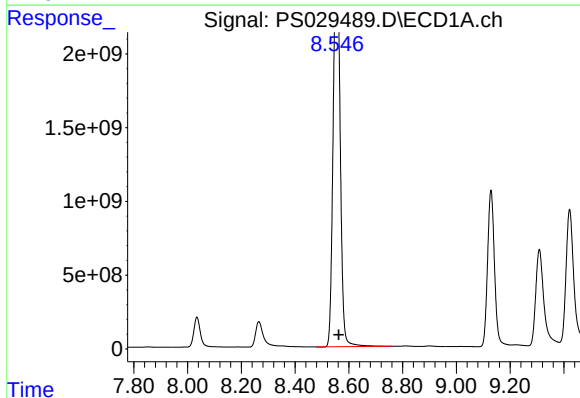
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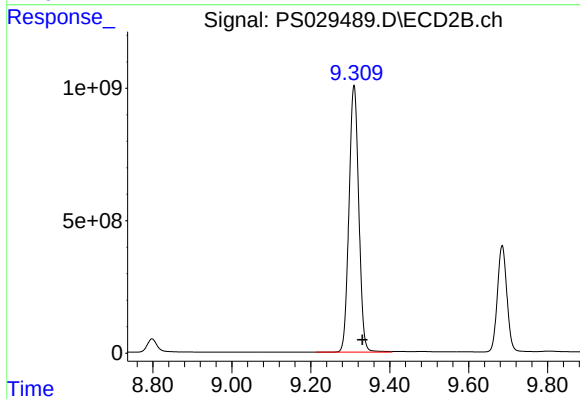
#9 2,4-D

R.T.: 8.798 min
Delta R.T.: -0.022 min
Response: 894774191
Conc: 745.17 ng/ml



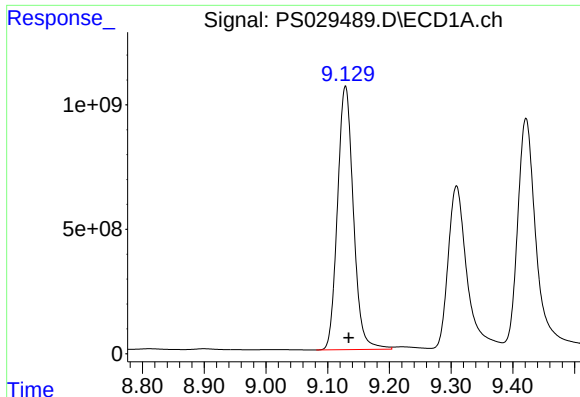
#10 Pentachlorophenol

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 44757083994
Conc: 797.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.310 min
Delta R.T.: -0.022 min
Response: 17284392560
Conc: 745.26 ng/ml



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

R.T.: 9.129 min
Delta R.T.: -0.005 min
Response: 18925159780
Conc: 765.97 ng/ml

Instrument :

ECD_S

ClientSampleId :

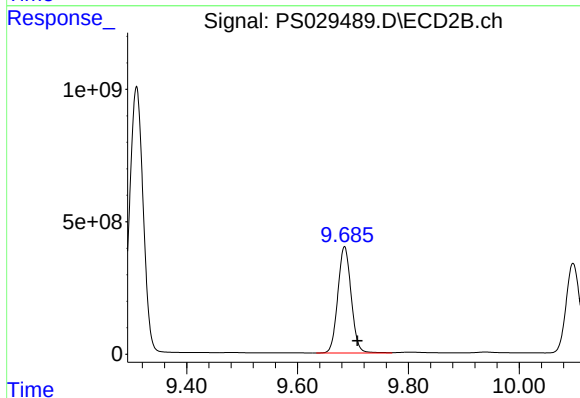
HSTDCCC750

Manual Integrations

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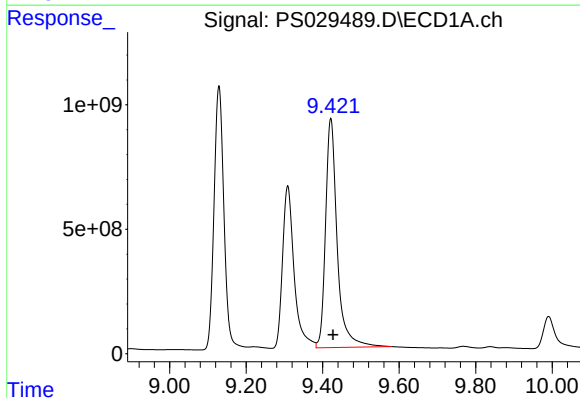
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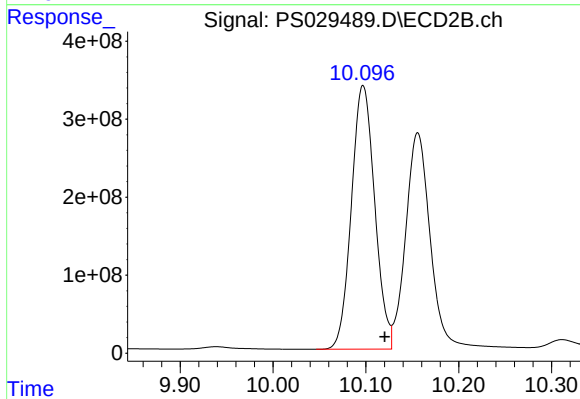
#11 2,4,5-TP (SILVEX)

R.T.: 9.685 min
Delta R.T.: -0.023 min
Response: 6730177865
Conc: 749.11 ng/ml



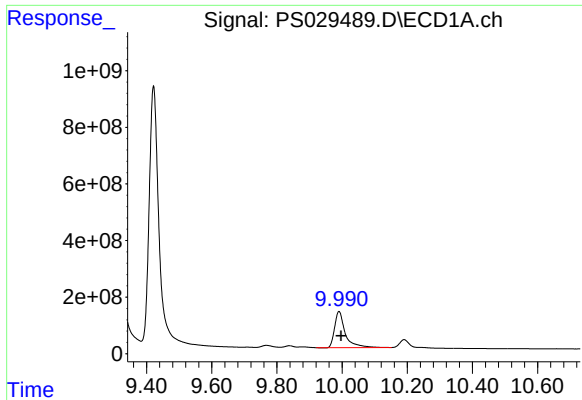
#12 2,4,5-T

R.T.: 9.421 min
Delta R.T.: -0.006 min
Response: 19404874197
Conc: 779.06 ng/ml



#12 2,4,5-T

R.T.: 10.097 min
Delta R.T.: -0.023 min
Response: 5898870472
Conc: 756.80 ng/ml



#13 2,4-DB

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 2876140268
Conc: 786.81 ng/ml

Instrument :

ECD_S

ClientSampleId :

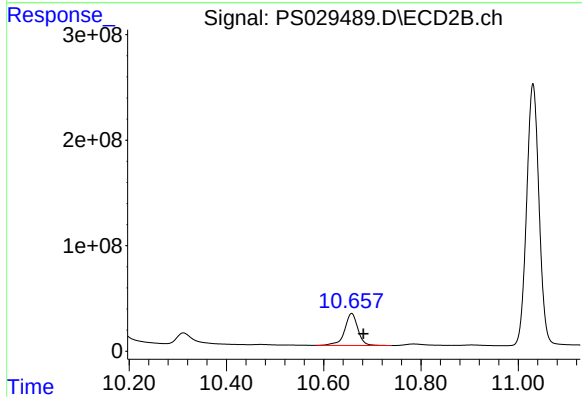
HSTDCCC750

Manual Integrations

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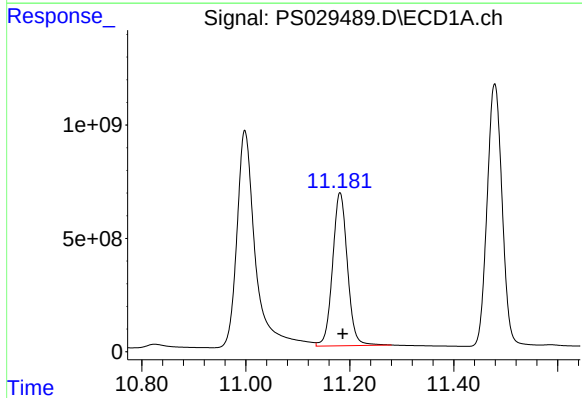
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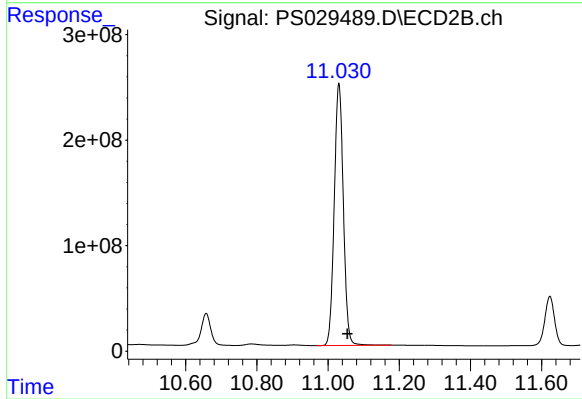
#13 2,4-DB

R.T.: 10.657 min
Delta R.T.: -0.024 min
Response: 569674767
Conc: 757.04 ng/ml



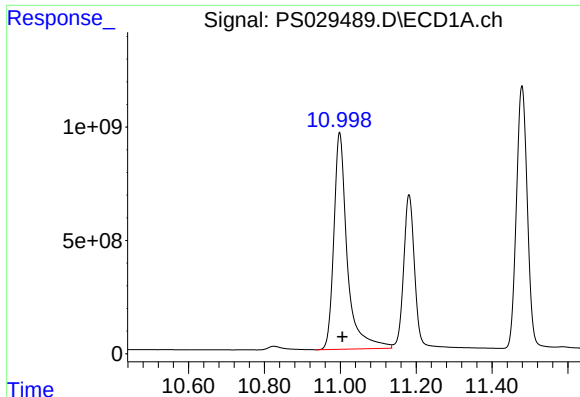
#14 DINOSEB

R.T.: 11.181 min
Delta R.T.: -0.005 min
Response: 13366312391
Conc: 767.87 ng/ml



#14 DINOSEB

R.T.: 11.030 min
Delta R.T.: -0.024 min
Response: 4401395114
Conc: 762.56 ng/ml



#15 Picloram

R.T.: 10.998 min
Delta R.T.: -0.007 min
Response: 23527498649
Conc: 781.01 ng/ml

Instrument :

ECD_S

ClientSampleId :

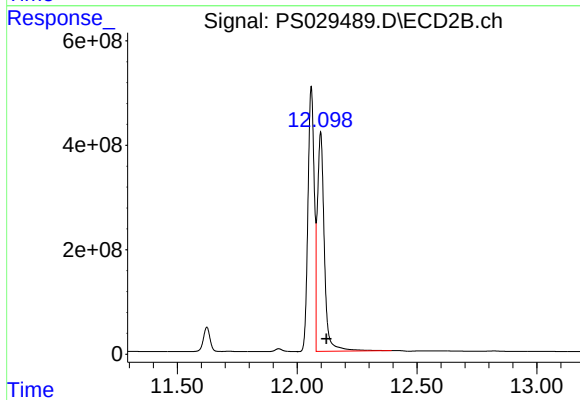
HSTDCCC750

Manual Integrations

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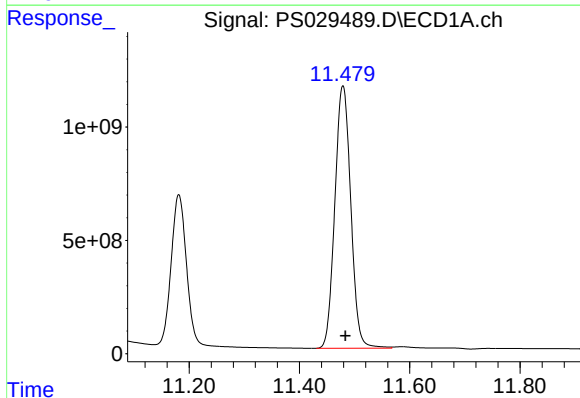
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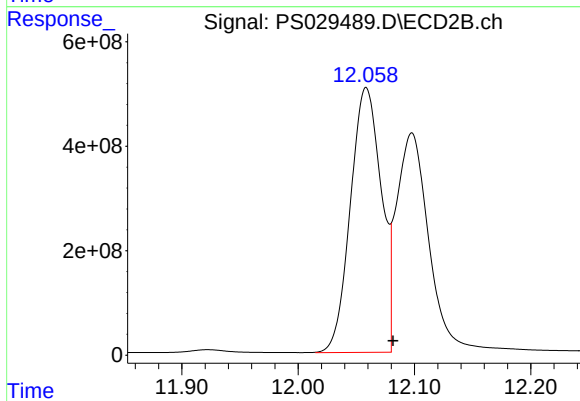
#15 Picloram

R.T.: 12.098 min
Delta R.T.: -0.024 min
Response: 8517630164
Conc: 750.52 ng/ml



#16 DCPA

R.T.: 11.479 min
Delta R.T.: -0.005 min
Response: 23207075264
Conc: 774.71 ng/ml



#16 DCPA

R.T.: 12.058 min
Delta R.T.: -0.024 min
Response: 9530732041
Conc: 797.13 ng/ml m