

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092925\
 Data File : PS031867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 17:38
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:26:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.282	7.736	2710.9E6	657.6E6	752.718	723.546
Target Compounds							
1) T	Dalapon	2.671	2.683	3769.6E6	1844.8E6	652.101	654.743
2) T	3,5-DICHL...	6.448	6.687	3708.9E6	1039.0E6	695.410	681.312m
3) T	4-Nitroph...	7.088	7.284	839.5E6	887.8E6	760.978m	703.048m
5) T	DICAMBA	7.466	7.932	11059.8E6	4523.2E6	709.110	695.147
6) T	MCPD	7.645	8.030	664.4E6	117.4E6	74.329	62.358
7) T	MCPA	7.794	8.278	793.1E6	194.6E6	71.385	69.459
8) T	DICHLORPROP	8.174	8.651	2525.1E6	1032.6E6	708.961	709.686
9) T	2,4-D	8.408	8.992	2455.3E6	1132.1E6	716.742	688.163
10) T	Pentachlo...	8.707	9.502	41877.4E6	29423.1E6	788.743	741.314
11) T	2,4,5-TP ...	9.283	9.886	15327.5E6	10442.9E6	730.796	693.682
12) T	2,4,5-T	9.577	10.315	13934.7E6	9462.7E6	761.535	703.180
13) T	2,4-DB	10.152	10.883	1904.1E6	642.9E6	816.256	600.776 #
14) T	DINOSEB	11.352	11.259	11350.7E6	7723.9E6	787.006	794.583
15) T	Picloram	11.176	12.378	14375.7E6	16143.7E6	798.161	681.650
16) T	DCPA	11.651	12.300	20290.4E6	17286.0E6	752.895	717.140m

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

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Acq On : 29 Sep 2025 17:38
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

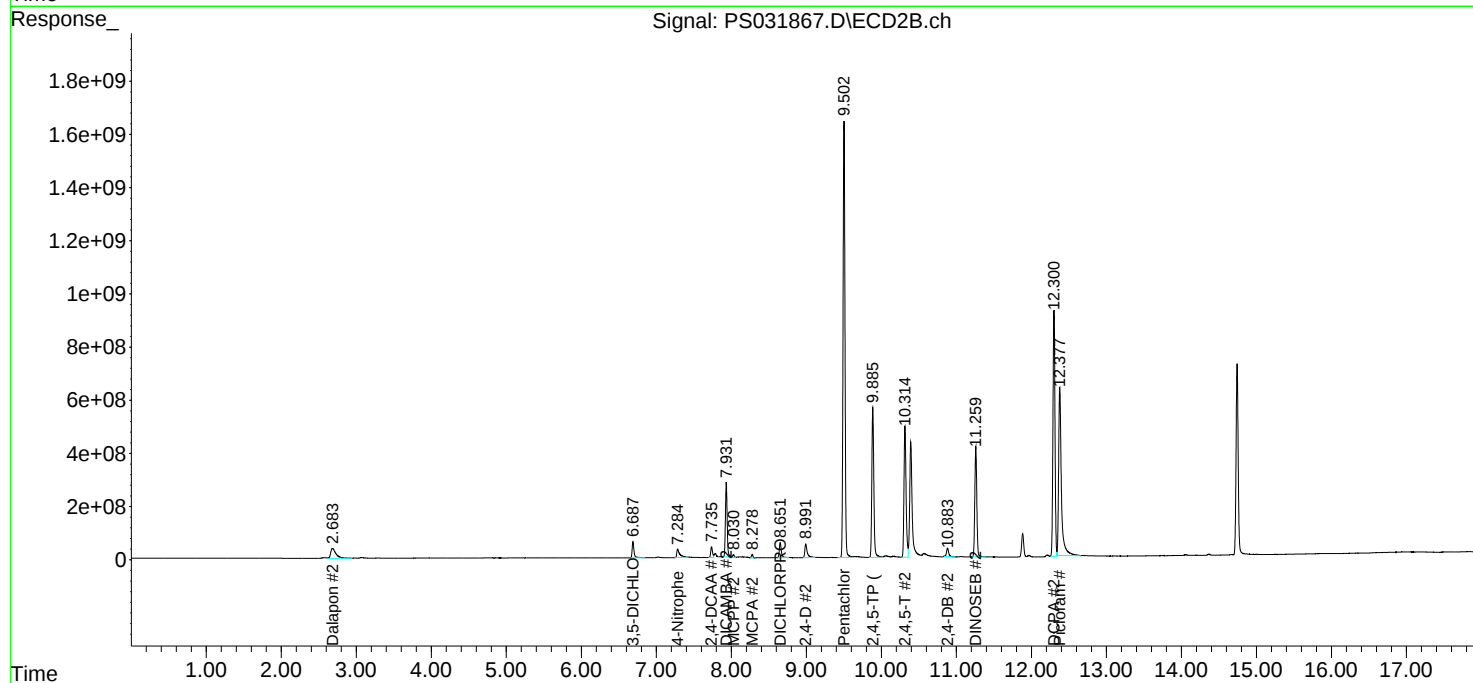
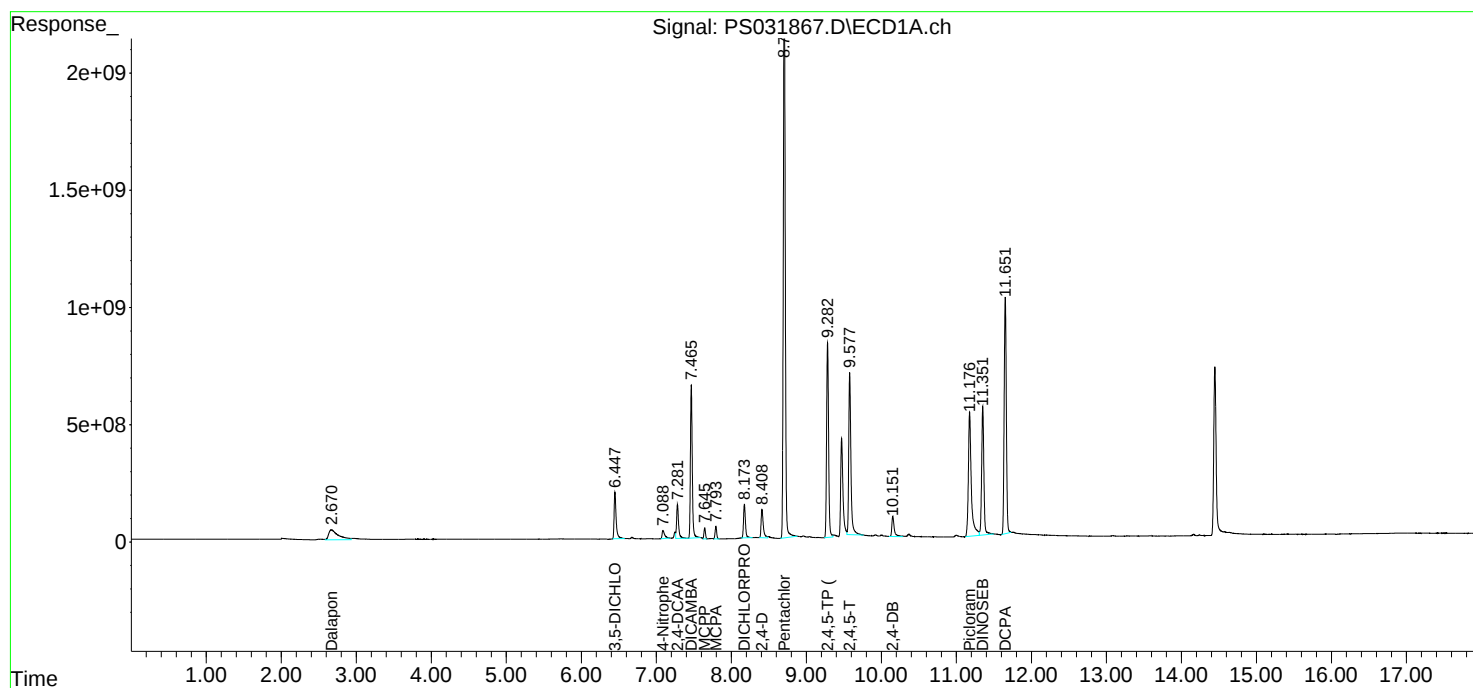
Instrument :
ECD_S
ClientSampleId :
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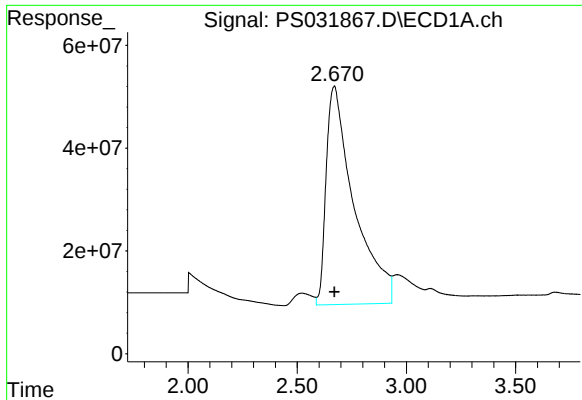
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 3769627155
Conc: 652.10 ng/ml

Instrument :

ECD_S

ClientSampleId :

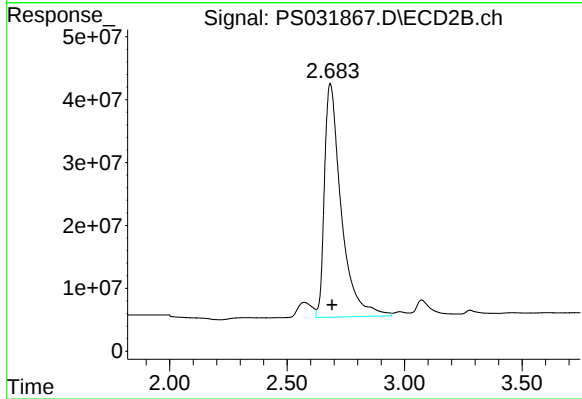
HSTDCCC750

Manual Integrations

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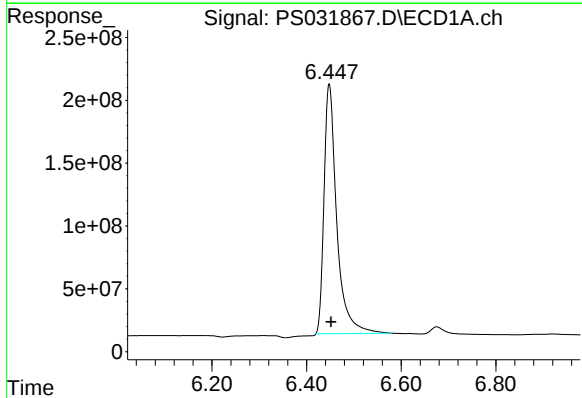
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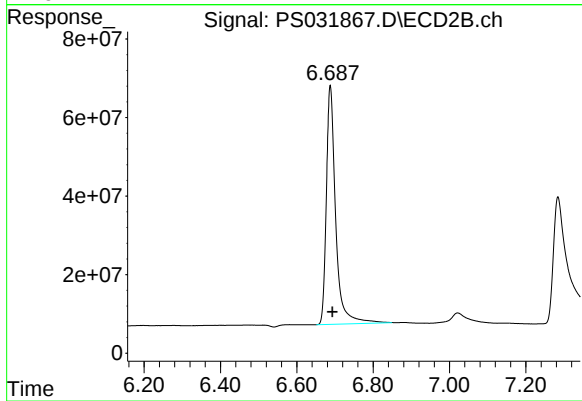
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.009 min
Response: 1844821848
Conc: 654.74 ng/ml



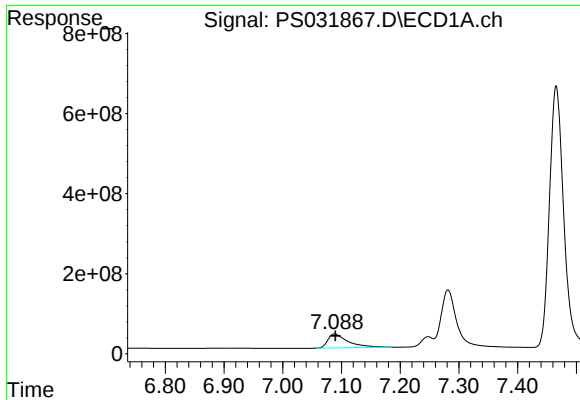
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.004 min
Response: 3708874516
Conc: 695.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 1038976956
Conc: 681.31 ng/ml m



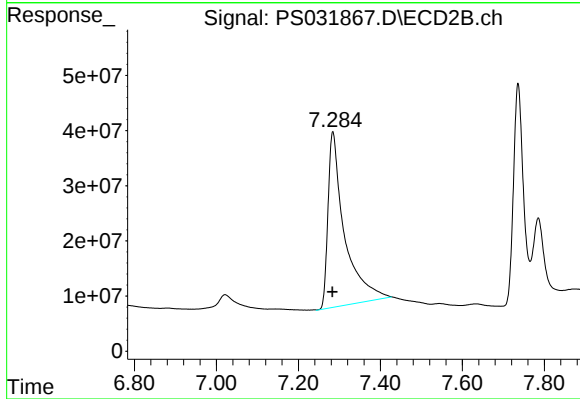
#3 4-Nitrophenol

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 839517765
Conc: 760.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

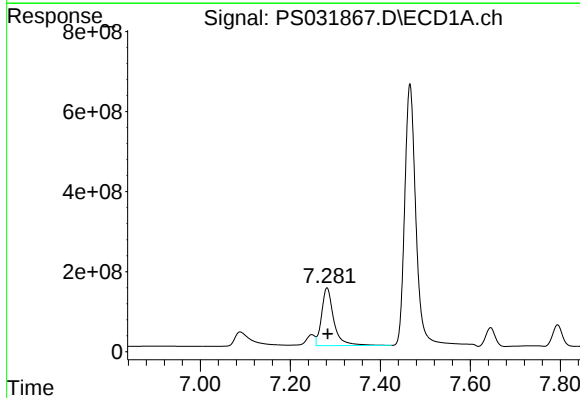
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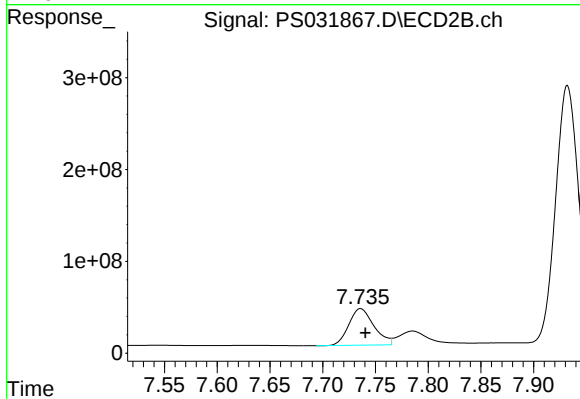
#3 4-Nitrophenol

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 887799423
Conc: 703.05 ng/ml m



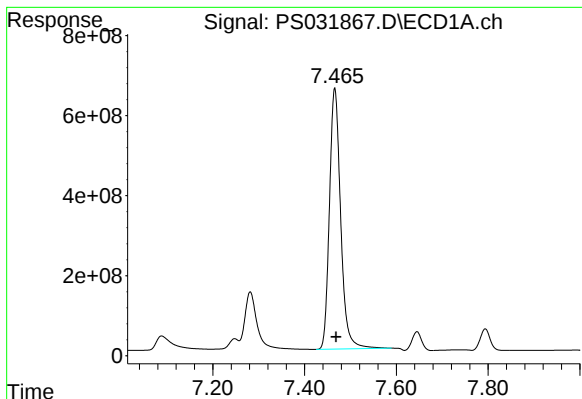
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 2710935711
Conc: 752.72 ng/ml



#4 2,4-DCAA

R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 657630983
Conc: 723.55 ng/ml



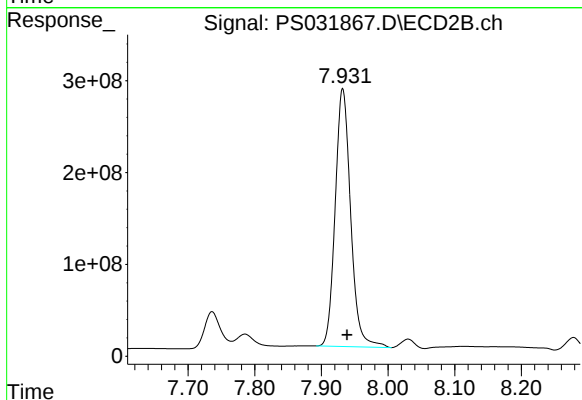
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 11059788246
Conc: 709.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

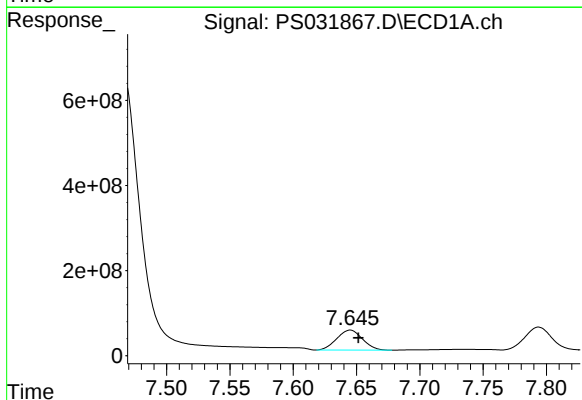
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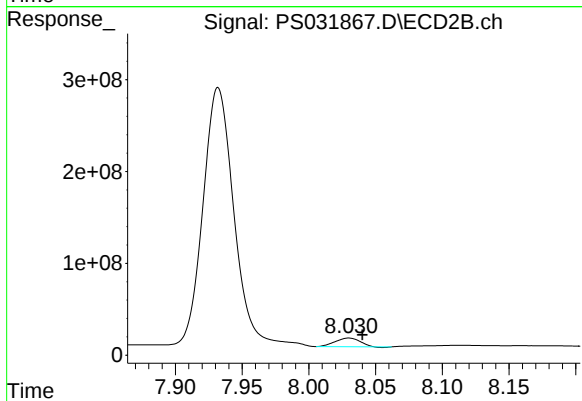
#5 DICAMBA

R.T.: 7.932 min
Delta R.T.: -0.007 min
Response: 4523213981
Conc: 695.15 ng/ml



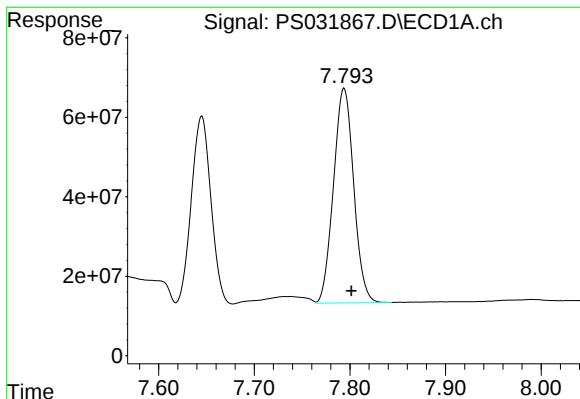
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 664444149
Conc: 74.33 ug/ml



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 117445168
Conc: 62.36 ug/ml



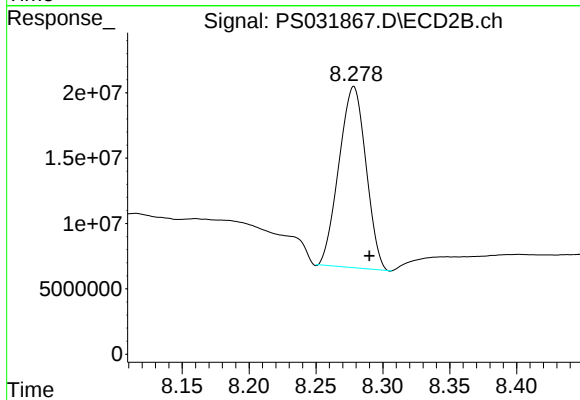
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.008 min
Response: 793119631
Conc: 71.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

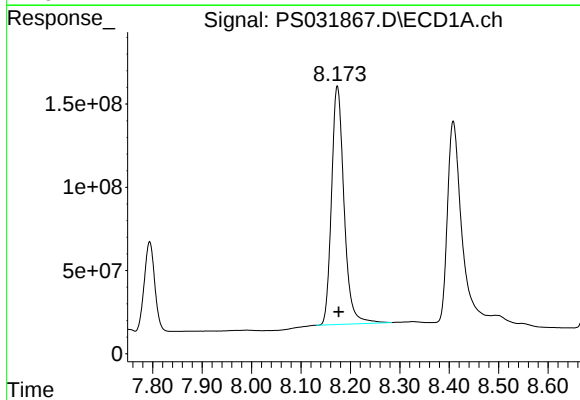
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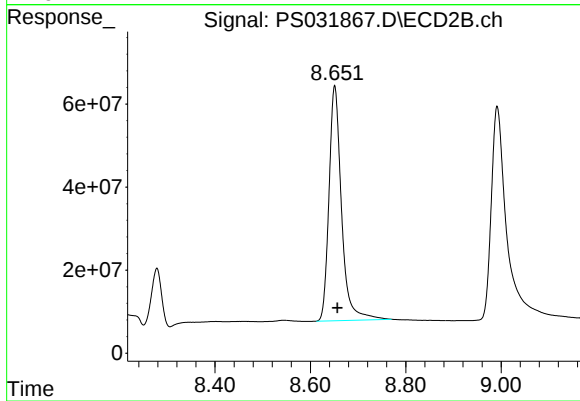
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 194569320
Conc: 69.46 ug/ml



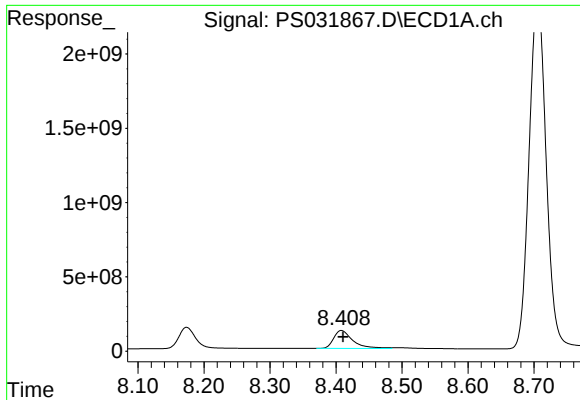
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2525149523
Conc: 708.96 ng/ml



#8 DICHLORPROP

R.T.: 8.651 min
Delta R.T.: -0.005 min
Response: 1032635409
Conc: 709.69 ng/ml



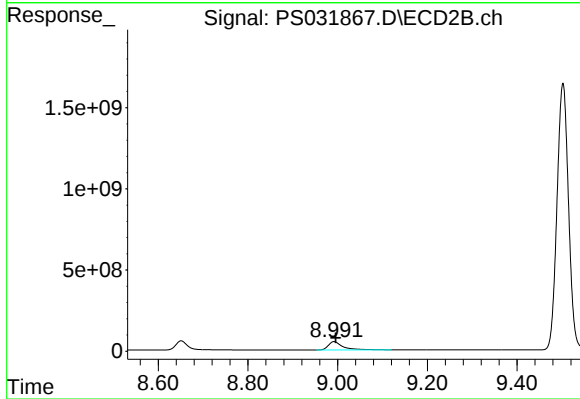
#9 2,4-D

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 2455300432
Conc: 716.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

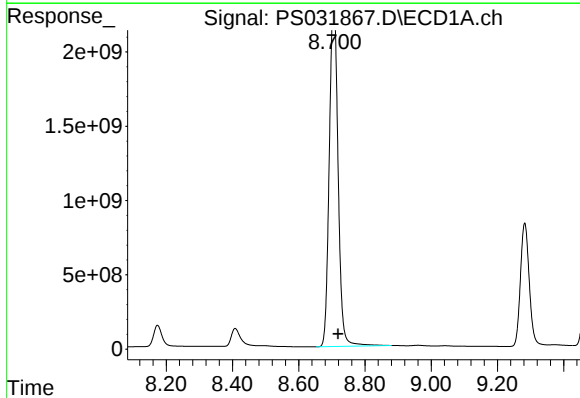
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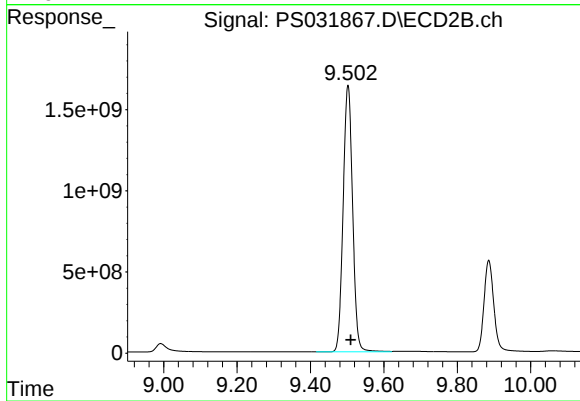
#9 2,4-D

R.T.: 8.992 min
Delta R.T.: -0.004 min
Response: 1132104735
Conc: 688.16 ng/ml



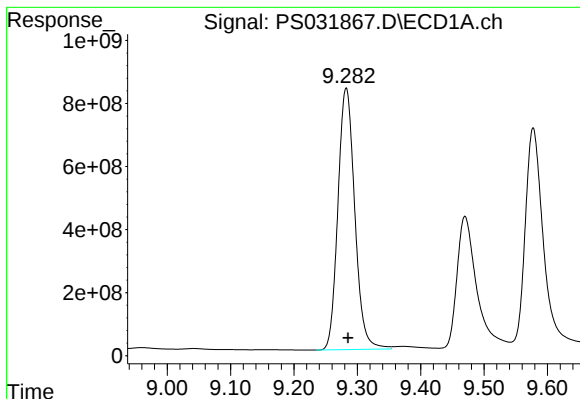
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 41877394940
Conc: 788.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 29423140064
Conc: 741.31 ng/ml



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

R.T.: 9.283 min
Delta R.T.: -0.003 min
Response: 15327493856
Conc: 730.80 ng/ml

Instrument :

ECD_S

ClientSampleId :

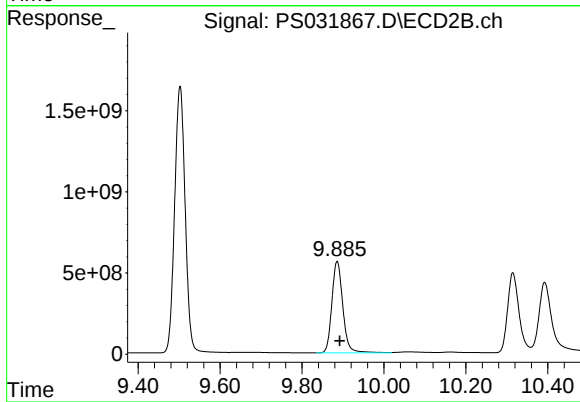
HSTDCCC750

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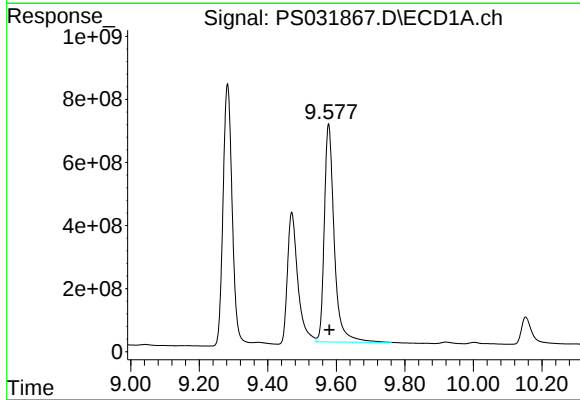
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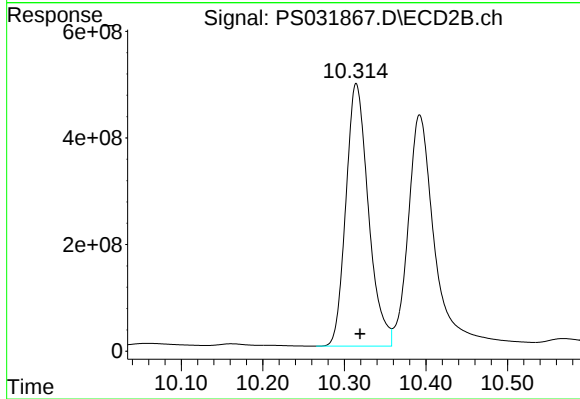
#11 2,4,5-TP (SILVEX)

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 10442908890
Conc: 693.68 ng/ml



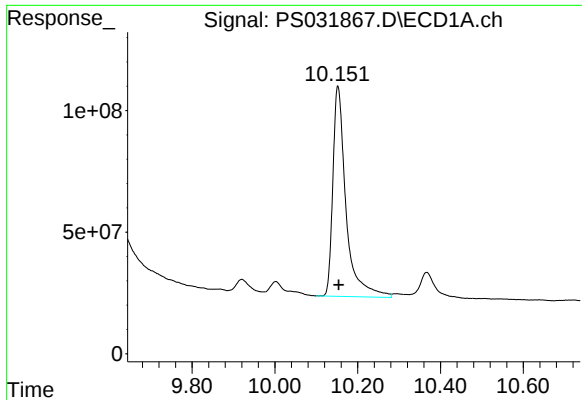
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.002 min
Response: 13934708142
Conc: 761.54 ng/ml



#12 2,4,5-T

R.T.: 10.315 min
Delta R.T.: -0.004 min
Response: 9462707970
Conc: 703.18 ng/ml



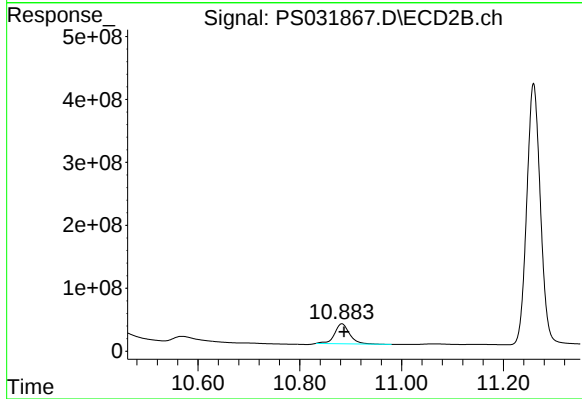
#13 2,4-DB

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 1904133536
Conc: 816.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

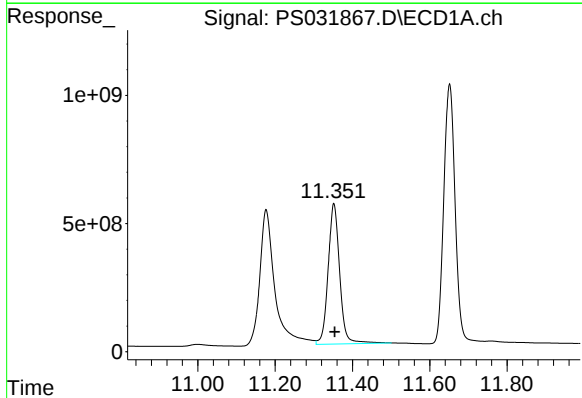
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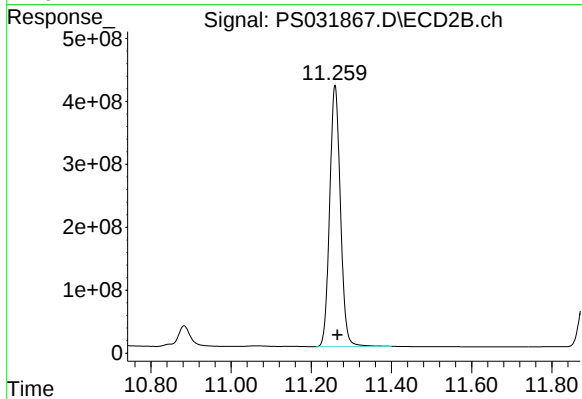
#13 2,4-DB

R.T.: 10.883 min
Delta R.T.: -0.004 min
Response: 642857560
Conc: 600.78 ng/ml



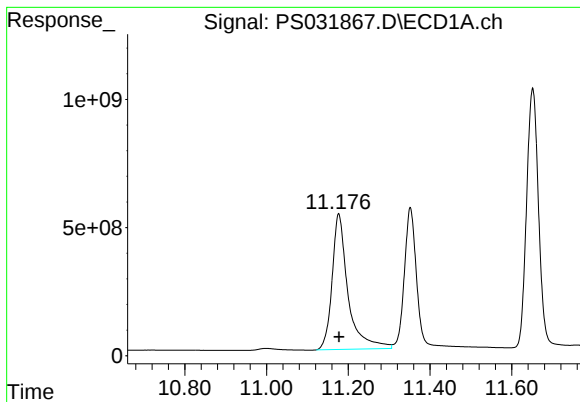
#14 DINOSEB

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 11350737722
Conc: 787.01 ng/ml



#14 DINOSEB

R.T.: 11.259 min
Delta R.T.: -0.006 min
Response: 7723887587
Conc: 794.58 ng/ml



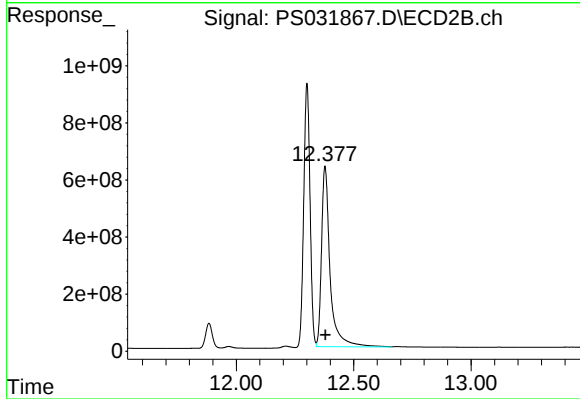
#15 Picloram

R.T.: 11.176 min
Delta R.T.: -0.001 min
Response: 14375733887
Conc: 798.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

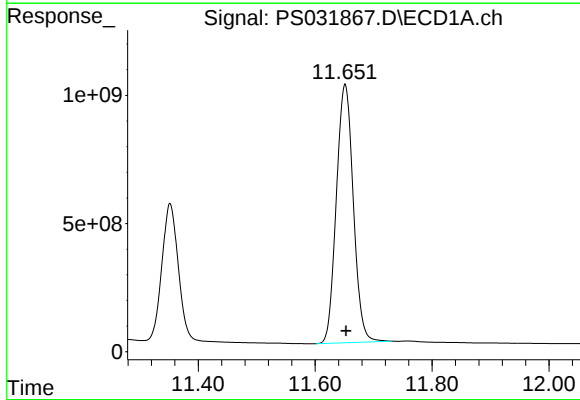
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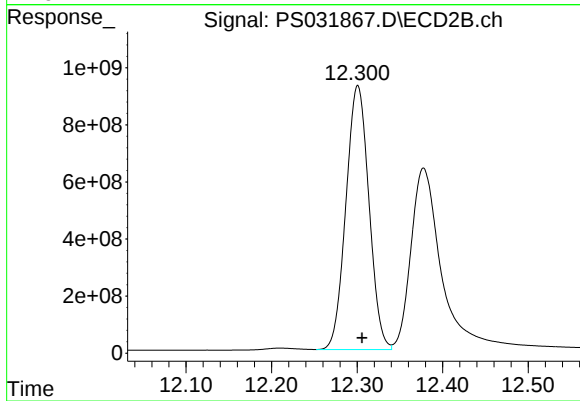
#15 Picloram

R.T.: 12.378 min
Delta R.T.: -0.002 min
Response: 16143687260
Conc: 681.65 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.001 min
Response: 20290425627
Conc: 752.89 ng/ml



#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 17286021783
Conc: 717.14 ng/ml m