

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 00:48
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 02:44:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.330	7.768	2801.8E6	713.9E6	708.404	689.104
Target Compounds							
1) T	Dalapon	2.695	2.706	3695.2E6	1756.9E6	606.599	618.017
2) T	3,5-DICHL...	6.491	6.715	3642.6E6	1004.7E6	695.344	648.049
3) T	4-Nitroph...	7.128	7.301	1049.4E6	1136.3E6	777.333m	651.585
5) T	DICAMBA	7.519	7.970	9538.2E6	4213.9E6	607.879	650.656
6) T	MCPD	7.700	8.069	598.3E6	130.0E6	65.019m	60.824
7) T	MCPA	7.849	8.318	764.3E6	208.8E6	70.080m	65.127
8) T	DICHLORPROP	8.230	8.689	2763.9E6	1112.5E6	811.669	732.282
9) T	2,4-D	8.462	9.025	2545.5E6	1309.9E6	826.874m	770.792
10) T	Pentachlo...	8.767	9.549	38518.8E6	27019.4E6	766.366m	701.164
11) T	2,4,5-TP ...	9.348	9.930	14845.9E6	10214.1E6	797.708m	695.983
12) T	2,4,5-T	9.641	10.357	12550.0E6	9209.5E6	824.935m	658.203
13) T	2,4-DB	10.220	10.924	1419.8E6	779.6E6	654.039m	658.939
14) T	DINOSEB	11.433	11.309	10169.2E6	7502.7E6	771.337m	660.946
15) T	Picloram	11.245	12.419	14246.0E6	16782.6E6	977.632m	714.742 #
16) T	DCPA	11.729	12.353	18630.3E6	15425.6E6	778.301m	684.004

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

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Data File : PS031047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 00:48
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

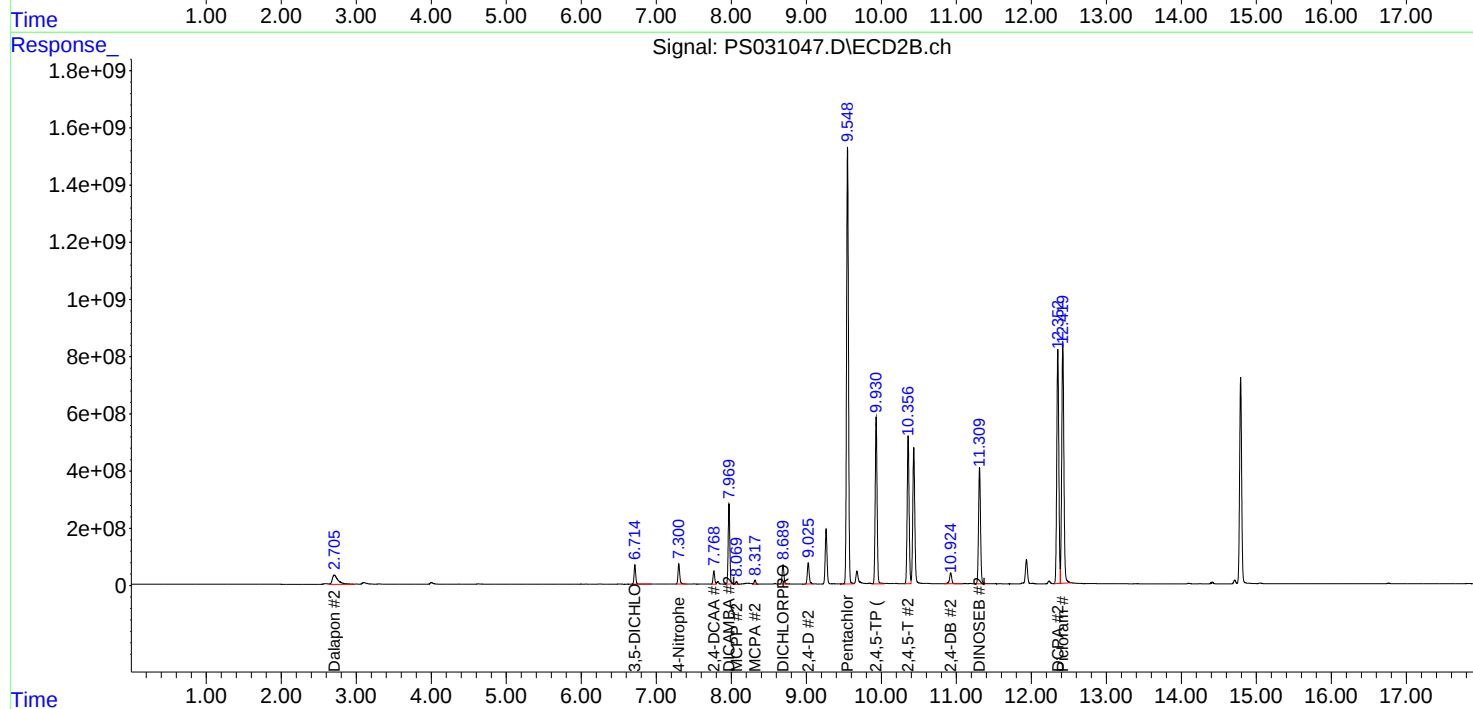
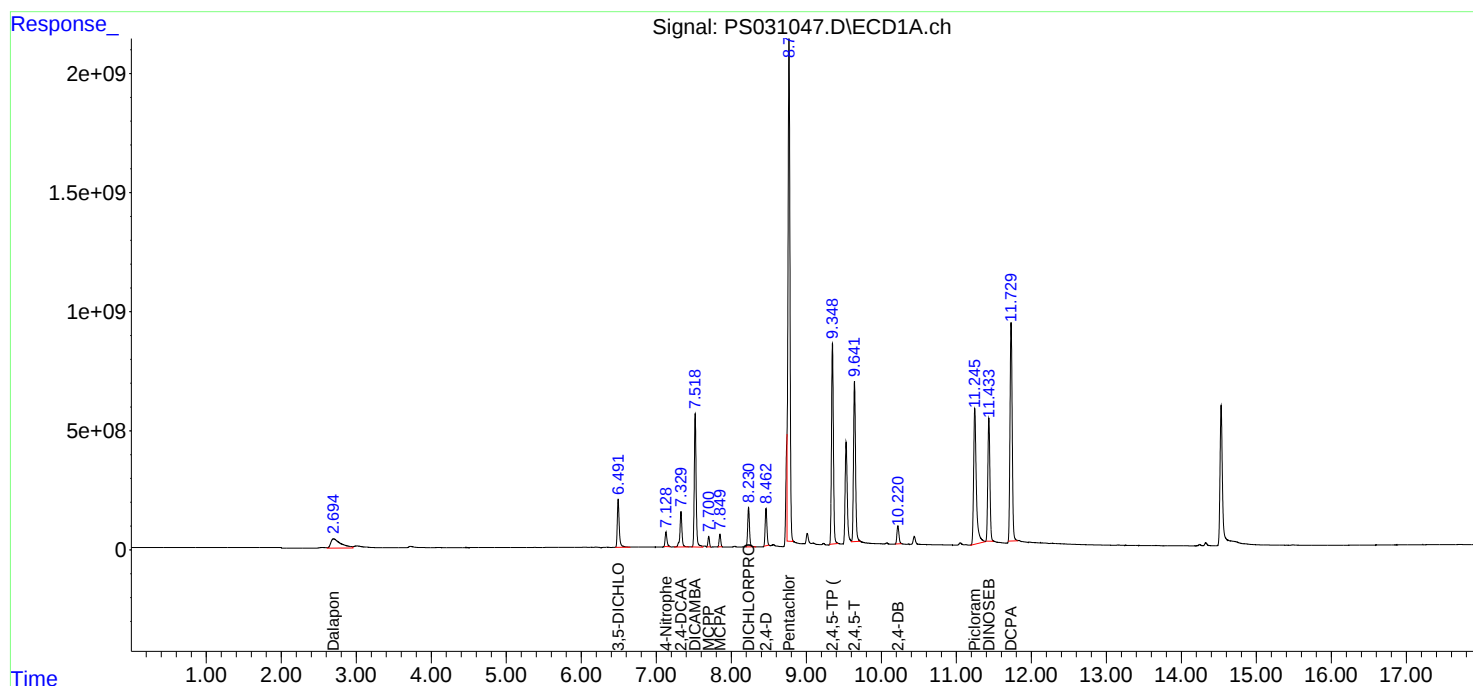
Instrument :
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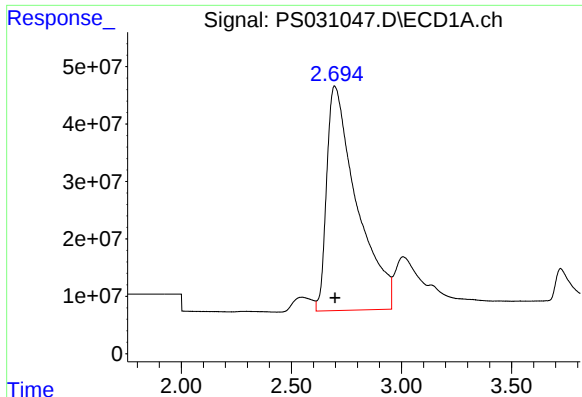
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 02:44:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 2025
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Volume 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





#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 3695232060
Conc: 606.60 ng/ml

Instrument :

ECD_S

ClientSampleId :

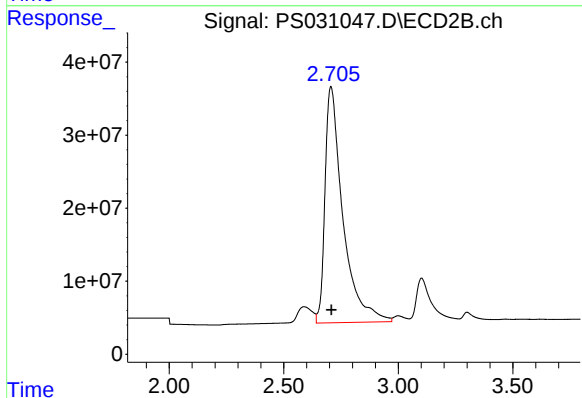
HSTDCCC750

Manual Integrations

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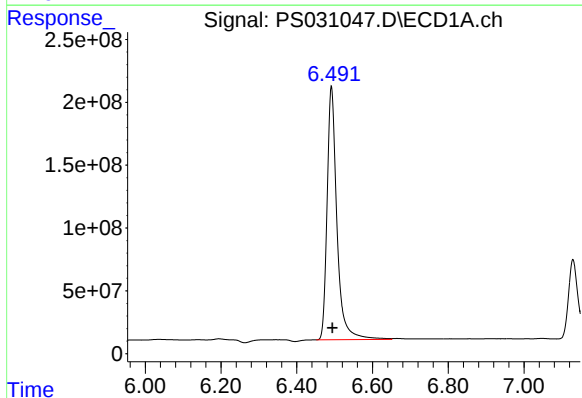
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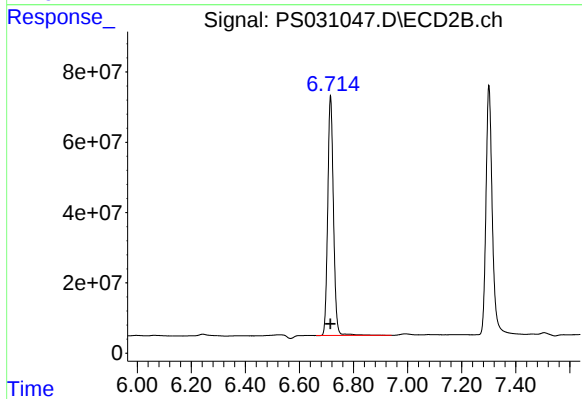
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.003 min
Response: 1756933761
Conc: 618.02 ng/ml



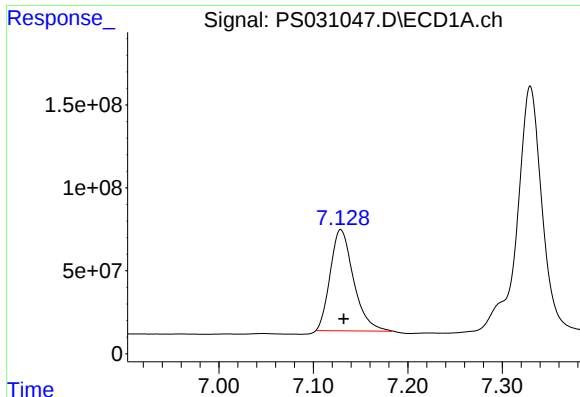
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 3642628612
Conc: 695.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 1004694451
Conc: 648.05 ng/ml



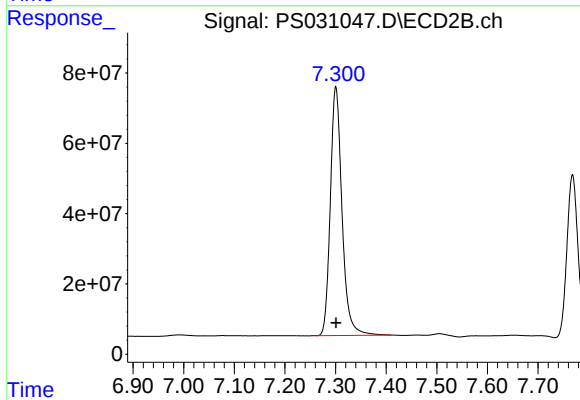
#3 4-Nitrophenol

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 1049405327
Conc: 777.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

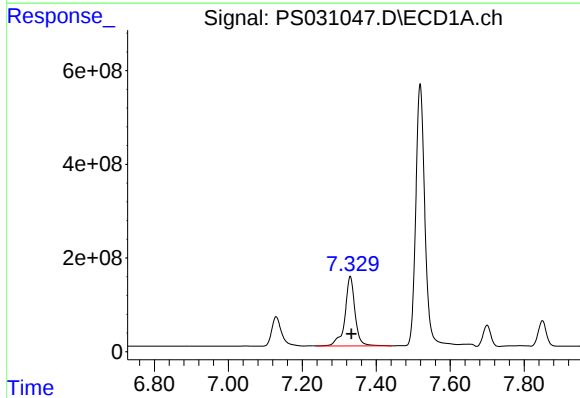
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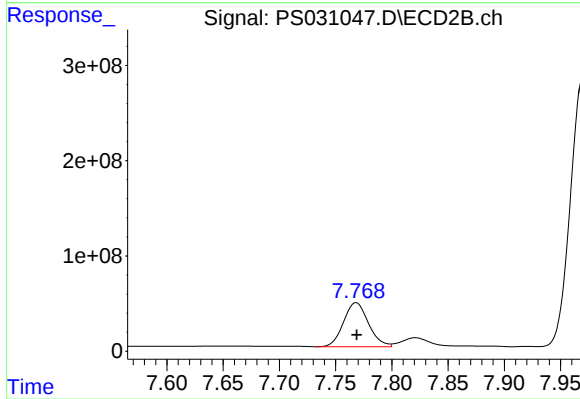
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 1136292288
Conc: 651.59 ng/ml



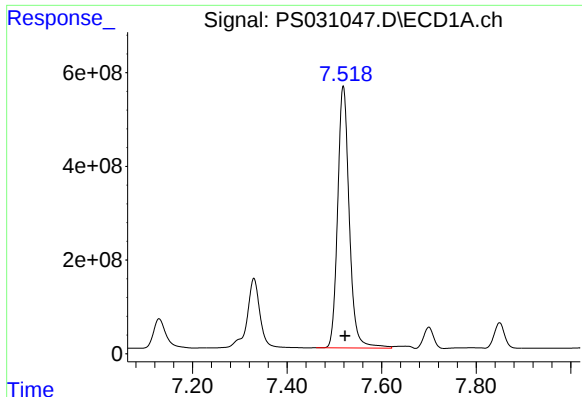
#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 2801789220
Conc: 708.40 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 713934622
Conc: 689.10 ng/ml



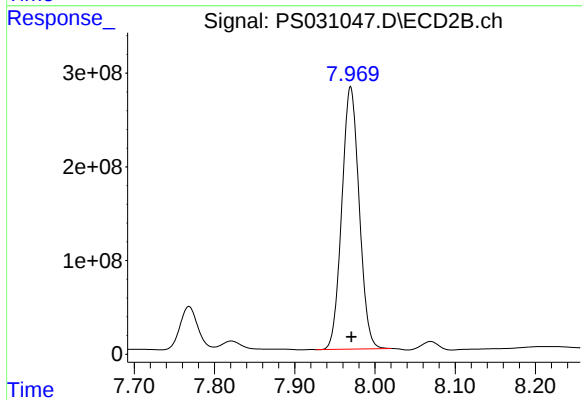
#5 DICAMBA

R.T.: 7.519 min
Delta R.T.: -0.004 min
Response: 9538170970
Conc: 607.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

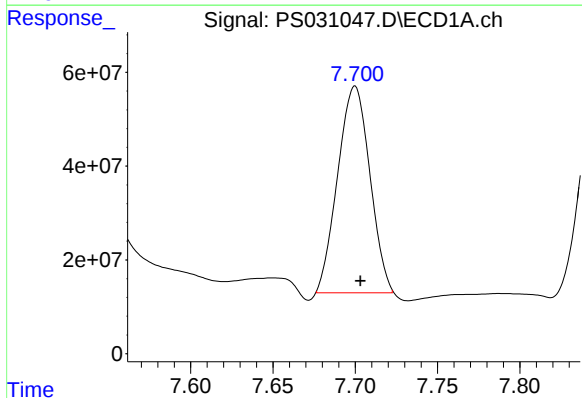
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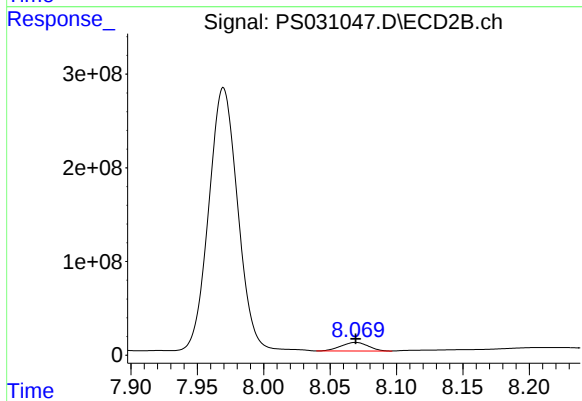
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4213920474
Conc: 650.66 ng/ml



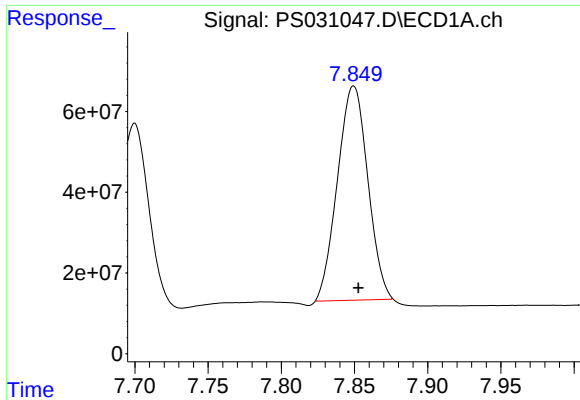
#6 MCP

R.T.: 7.700 min
Delta R.T.: -0.003 min
Response: 598256232
Conc: 65.02 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 130037849
Conc: 60.82 ug/ml



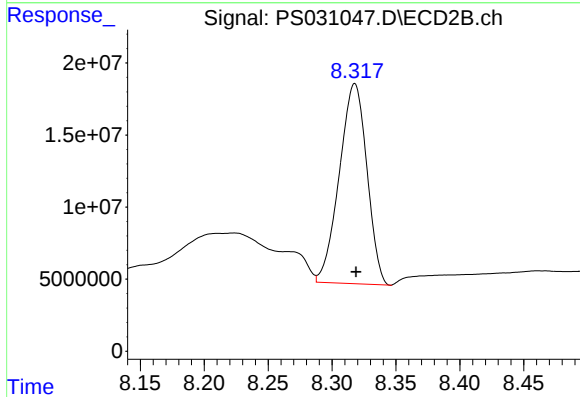
#7 MCPA

R.T.: 7.849 min
Delta R.T.: -0.004 min
Response: 764348259
Conc: 70.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

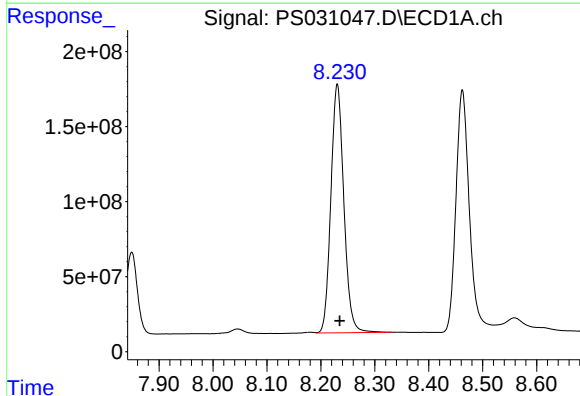
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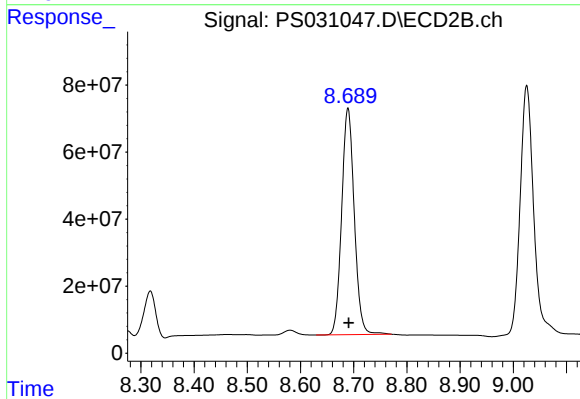
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.001 min
Response: 208775741
Conc: 65.13 ug/ml



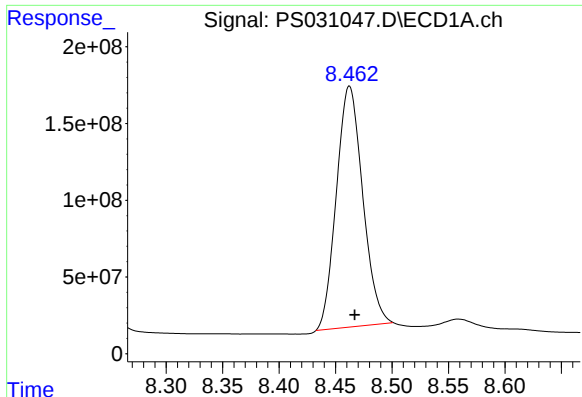
#8 DICHLORPROP

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 2763858704
Conc: 811.67 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 1112526997
Conc: 732.28 ng/ml



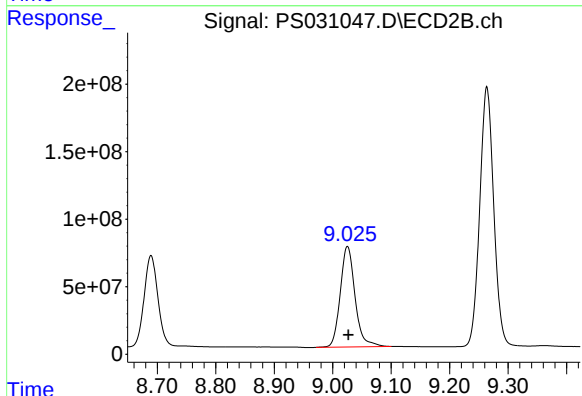
#9 2,4-D

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 2545477666
Conc: 826.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

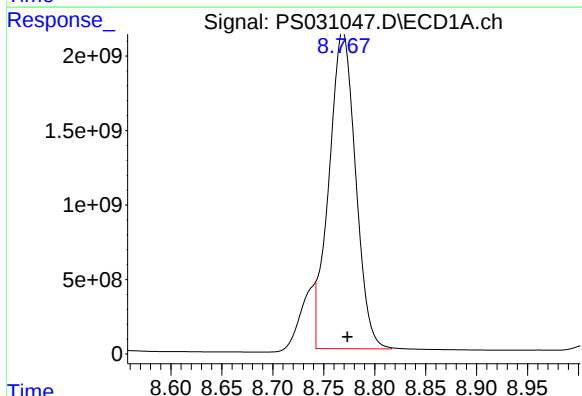
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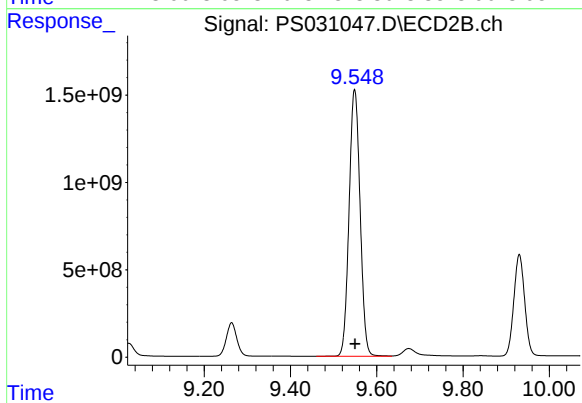
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 1309933182
Conc: 770.79 ng/ml



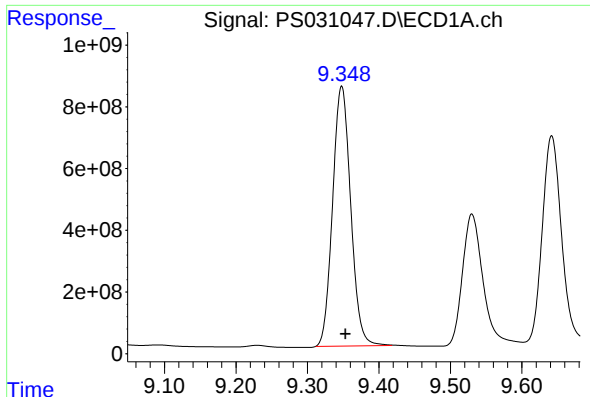
#10 Pentachlorophenol

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 38518764496
Conc: 766.37 ng/ml m



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 27019392795
Conc: 701.16 ng/ml



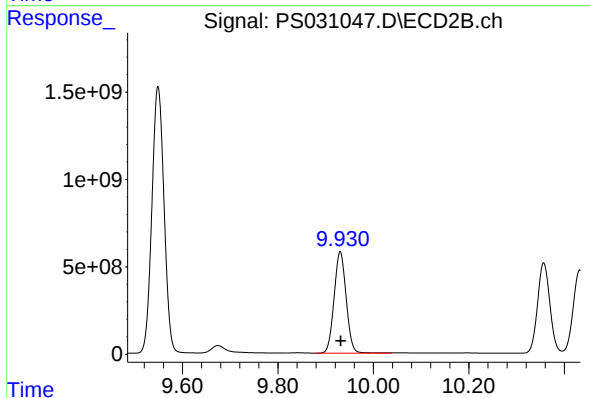
#11 2,4,5-TP (SILVEX)

R.T.: 9.348 min
Delta R.T.: -0.005 min
Response: 14845924733
Conc: 797.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

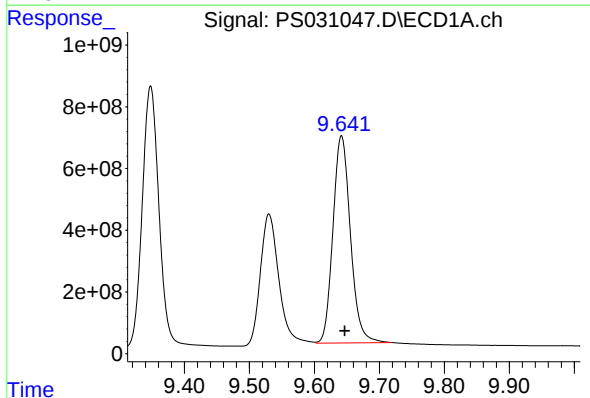
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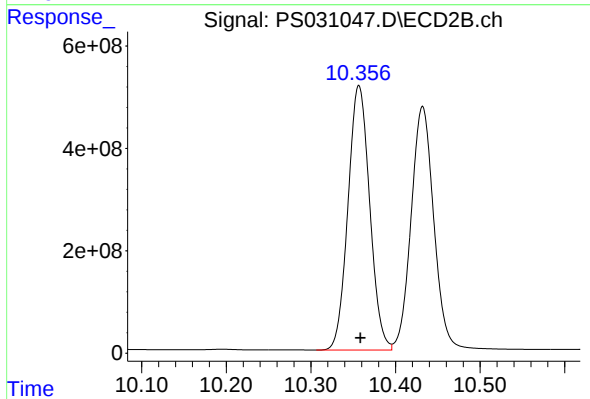
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 10214089340
Conc: 695.98 ng/ml



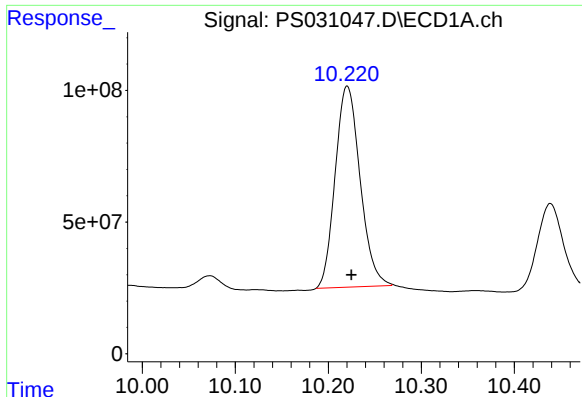
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 12550005451
Conc: 824.94 ng/ml m



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.002 min
Response: 9209452986
Conc: 658.20 ng/ml



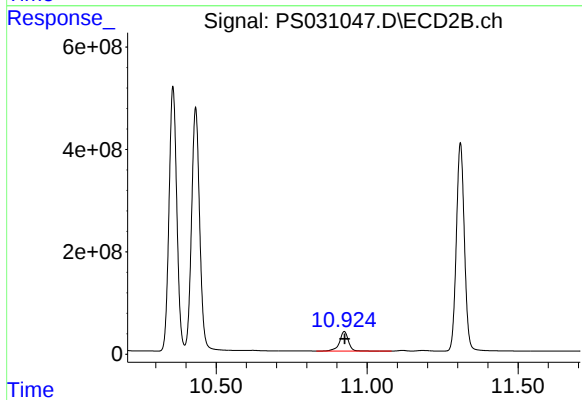
#13 2,4-DB

R.T.: 10.220 min
Delta R.T.: -0.005 min
Response: 1419782069
Conc: 654.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

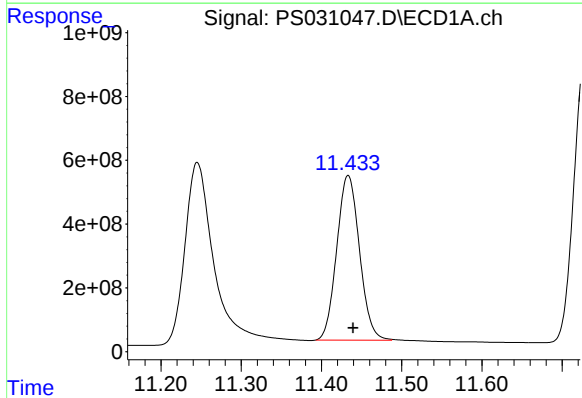
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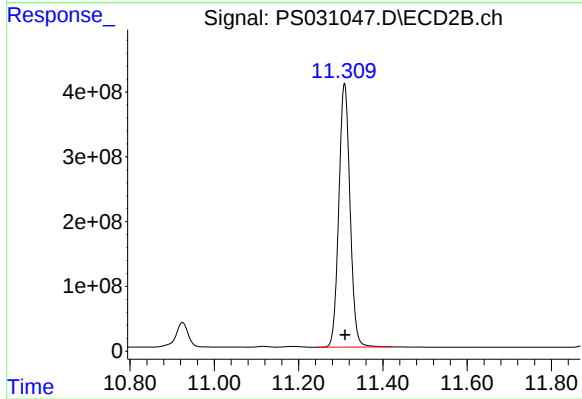
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 779644285
Conc: 658.94 ng/ml



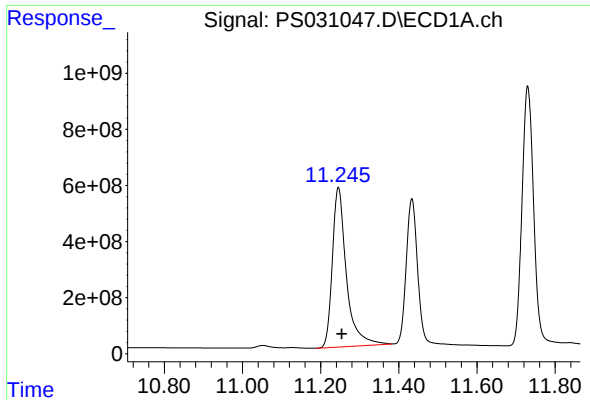
#14 DINOSEB

R.T.: 11.433 min
Delta R.T.: -0.006 min
Response: 10169237485
Conc: 771.34 ng/ml m



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 7502740500
Conc: 660.95 ng/ml



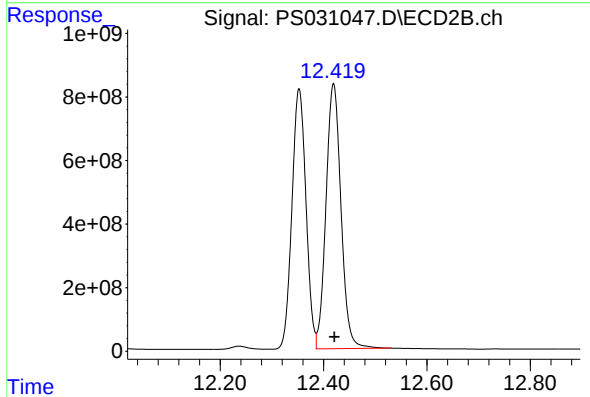
#15 Picloram

R.T.: 11.245 min
Delta R.T.: -0.009 min
Response: 14246001251
Conc: 977.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

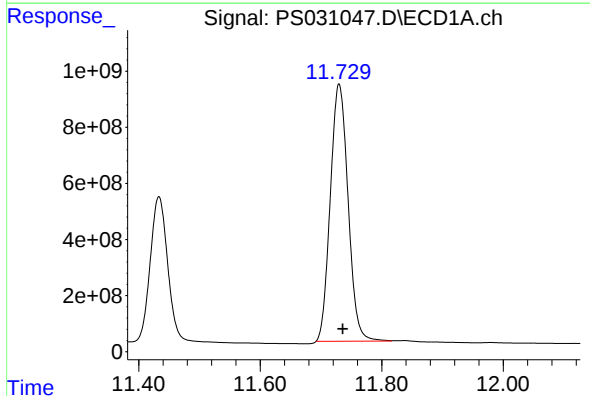
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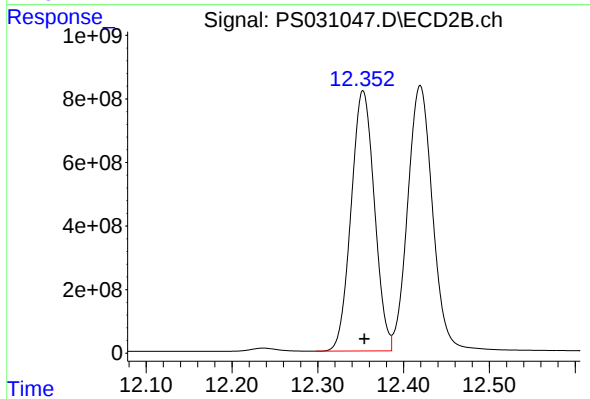
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.002 min
Response: 16782605277
Conc: 714.74 ng/ml



#16 DCPA

R.T.: 11.729 min
Delta R.T.: -0.007 min
Response: 18630318540
Conc: 778.30 ng/ml m



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.001 min
Response: 15425648722
Conc: 684.00 ng/ml