Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051921\
Data File : PS015032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2021 15:20
Operator : DD\AJ
Sample : M2214-17DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOILDL

Manual Integrations APPROVED
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 19:04:47 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051021.M
Quant Title : 8080.M
QLast Update : Tue May 11 00:04:04 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
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	7.154	6.883	346.8E6	113.1E6	207.257m	233.771
	Target Compounds						
2) T	3,5-DICHL...	6.384	6.048	374.6E6	119.6E6	159.844	154.832m
5) T	DICAMBA	7.341	7.046	2767.7E6	939.0E6	422.376	438.421m
8) T	DICHLORPROP	8.028	7.673	271.4E6	96523498	170.186	178.485
9) T	2,4-D	8.257	7.967	1367.0E6	462.1E6	768.185m	758.949m
10) T	Pentachlo...	8.561	8.391	2033.8E6	647.4E6	86.504m	89.790m
11) T	2,4,5-TP ...	9.106	8.752	3009.1E6	1004.0E6	329.261	348.365
12) T	2,4,5-T	9.390	9.133	5381.0E6	1878.4E6	588.381	703.831
13) T	2,4-DB	9.942	9.641	112.1E6	146.8E6	64.628	416.004 #
15) T	Picloram	10.912	10.949	13132.9E6	4551.6E6	1081.139	1142.277

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

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Sample : M2214-17DL 2X
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ALS Vial : 5 Sample Multiplier: 1

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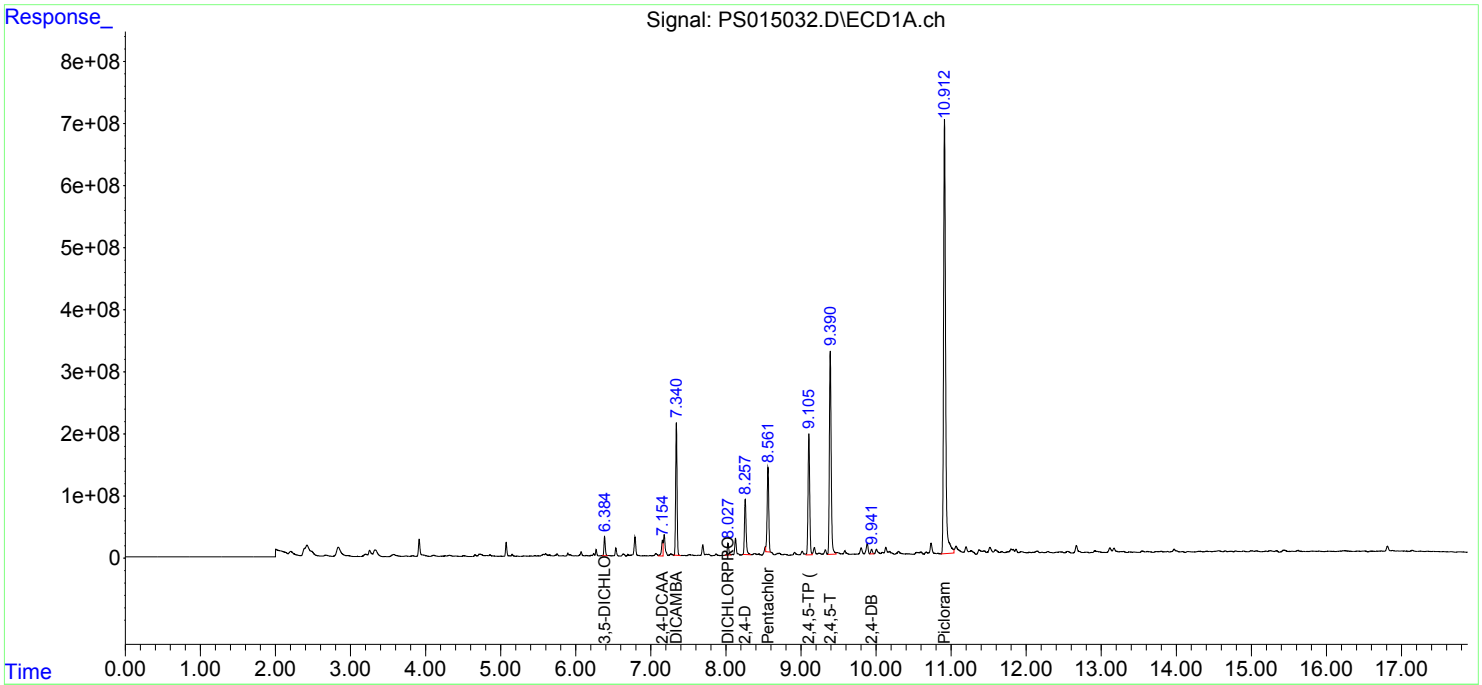

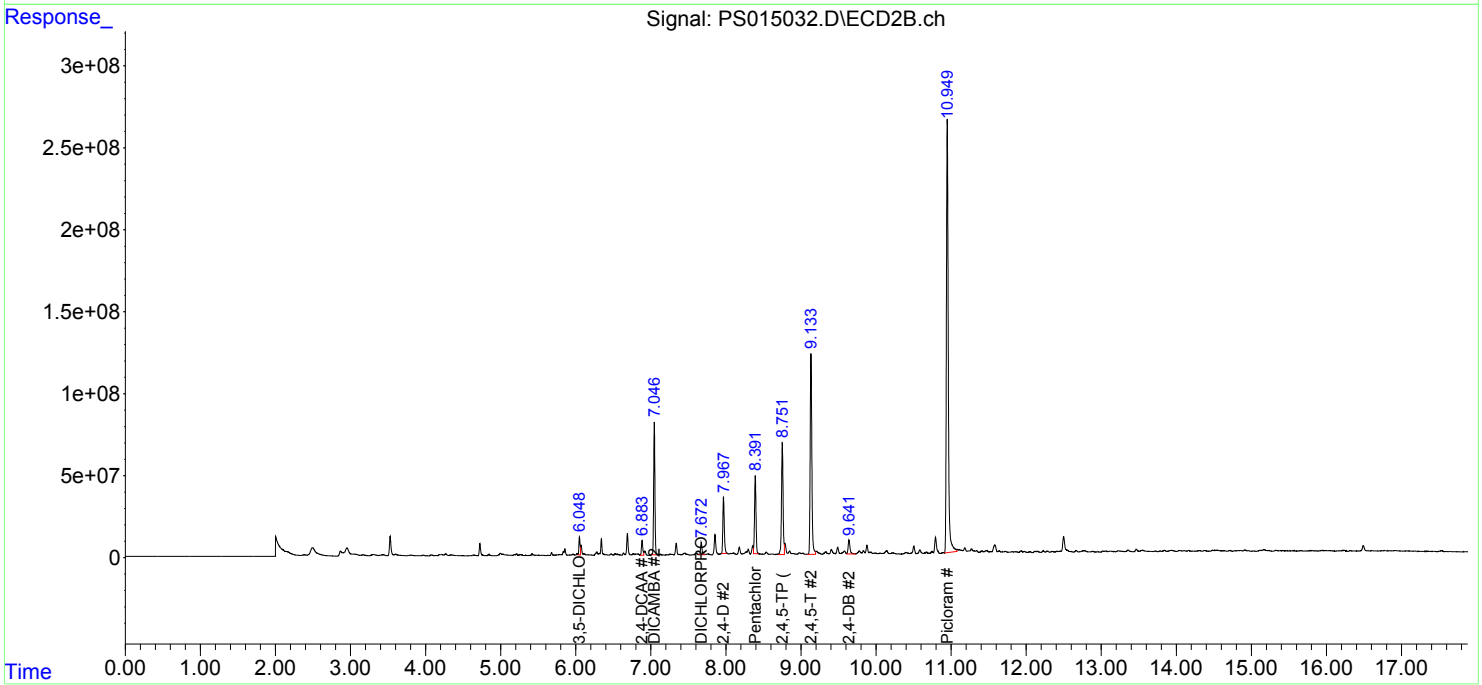

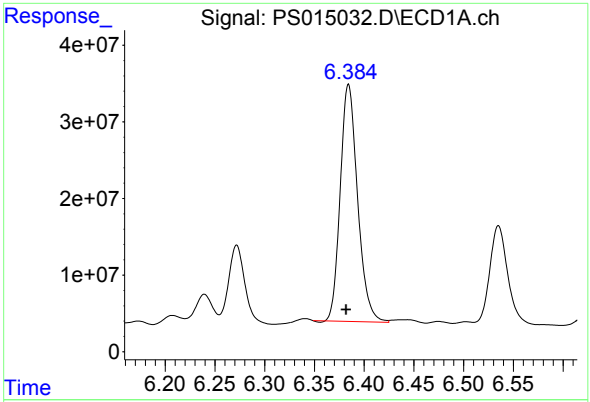

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 374643899
Conc: 159.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOILDL

Manual Integrations APPROVED
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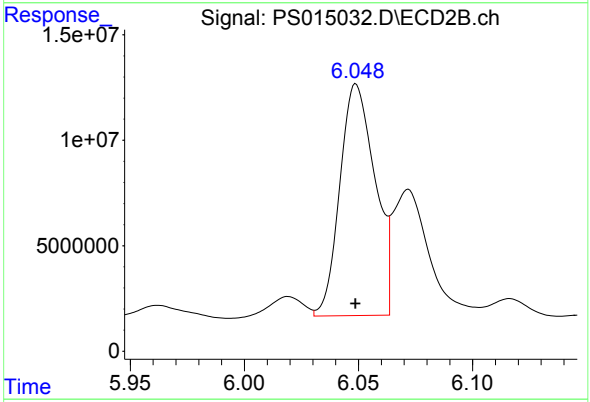
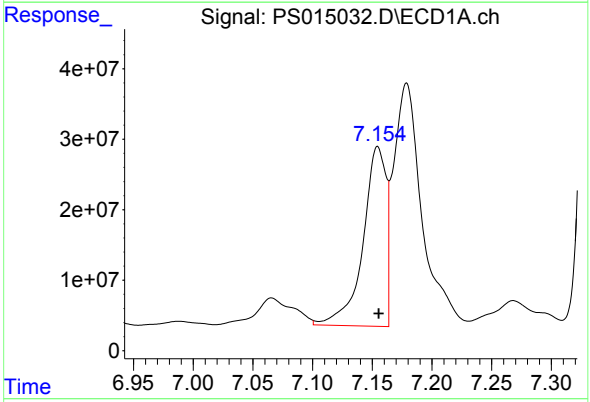


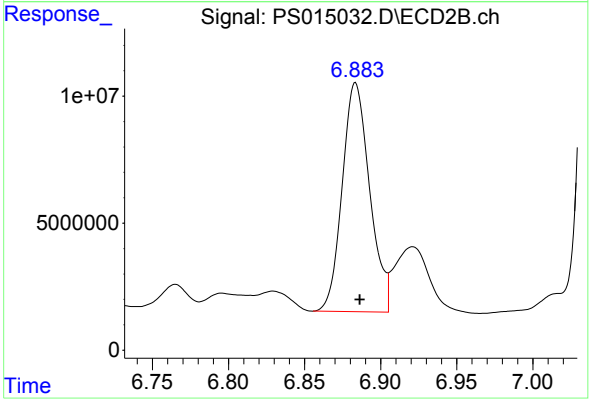
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 119610493
Conc: 154.83 ng/ml m



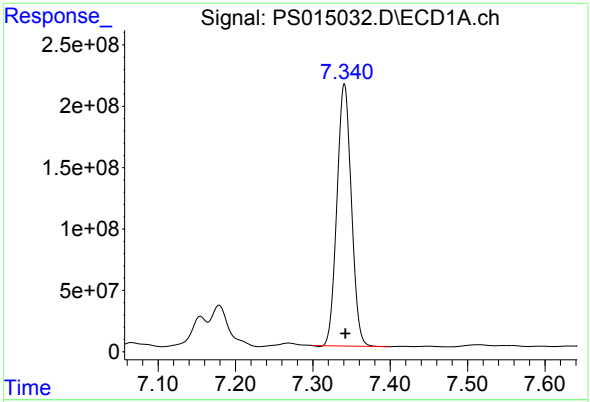
#4 2,4-DCAA

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 346793130
Conc: 207.26 ng/ml m



#4 2,4-DCAA

R.T.: 6.883 min
Delta R.T.: -0.003 min
Response: 113124683
Conc: 233.77 ng/ml



#5 DICAMBA

R.T.: 7.341 min
Delta R.T.: -0.001 min
Response: 2767660611
Conc: 422.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOILDL

Manual Integrations APPROVED
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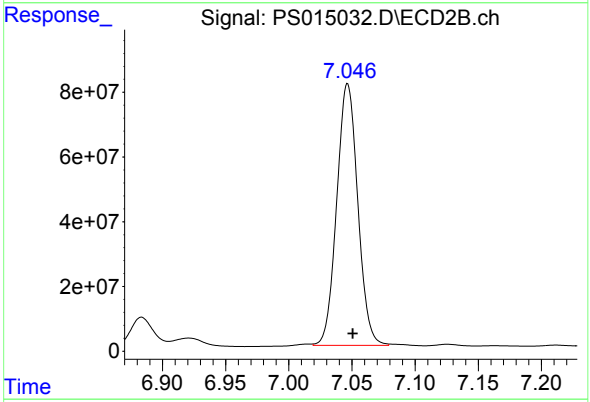
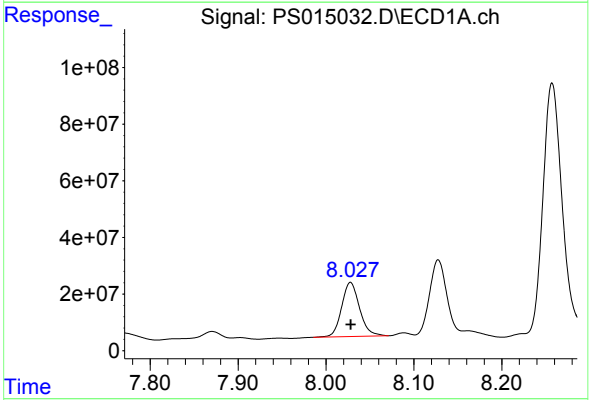


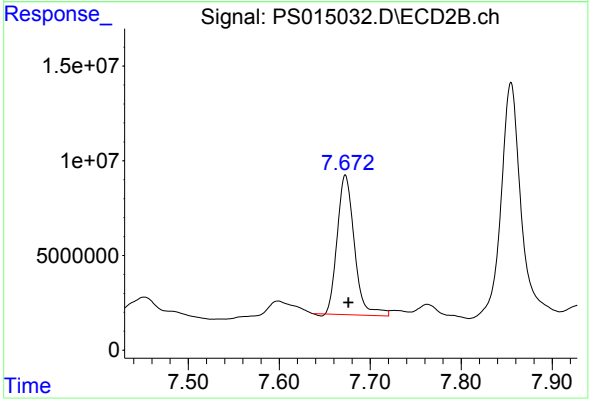
#5 DICAMBA

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 938985128
Conc: 438.42 ng/ml m



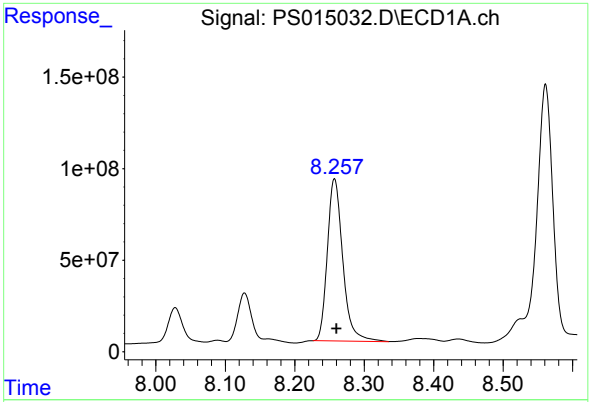
#8 DICHLORPROP

R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 271431419
Conc: 170.19 ng/ml



#8 DICHLORPROP

R.T.: 7.673 min
Delta R.T.: -0.003 min
Response: 96523498
Conc: 178.49 ng/ml



#9 2,4-D

R.T.: 8.257 min
Delta R.T.: -0.003 min
Response: 1367007725
Conc: 768.18 ng/ml m

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOILDL

Manual Integrations APPROVED
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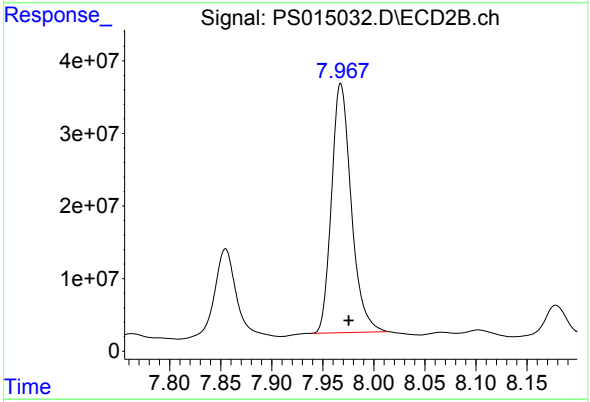
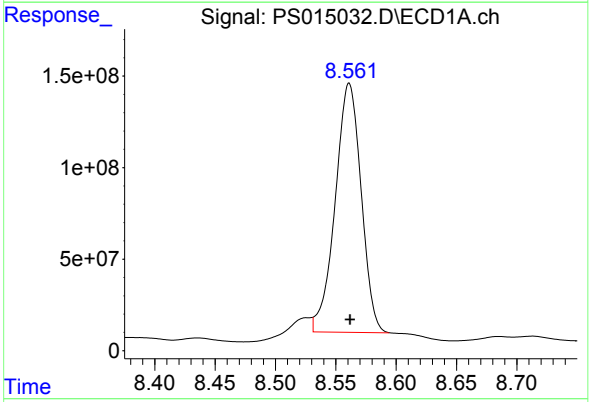


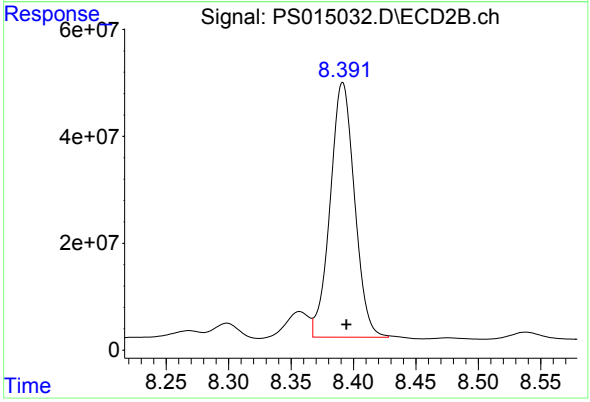
#9 2,4-D

R.T.: 7.967 min
Delta R.T.: -0.008 min
Response: 462145191
Conc: 758.95 ng/ml m



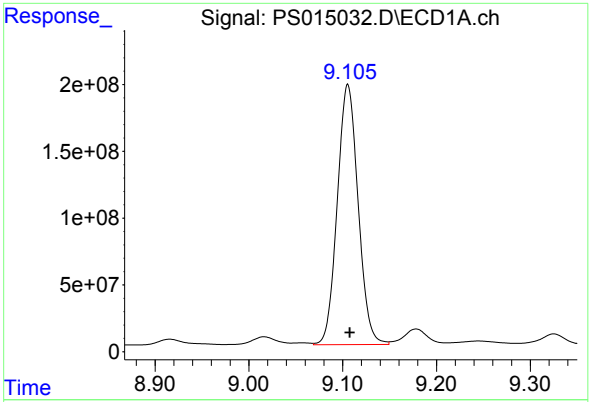
#10 Pentachlorophenol

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 2033782263
Conc: 86.50 ng/ml m



#10 Pentachlorophenol

R.T.: 8.391 min
Delta R.T.: -0.003 min
Response: 647405368
Conc: 89.79 ng/ml m



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

R.T.: 9.106 min
Delta R.T.: -0.002 min
Response: 3009131576
Conc: 329.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOILDL

Manual Integrations APPROVED
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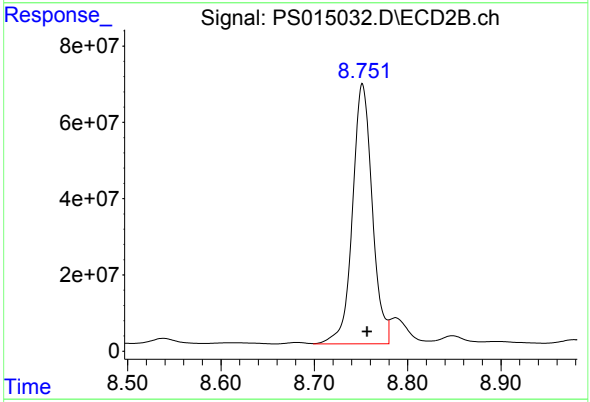
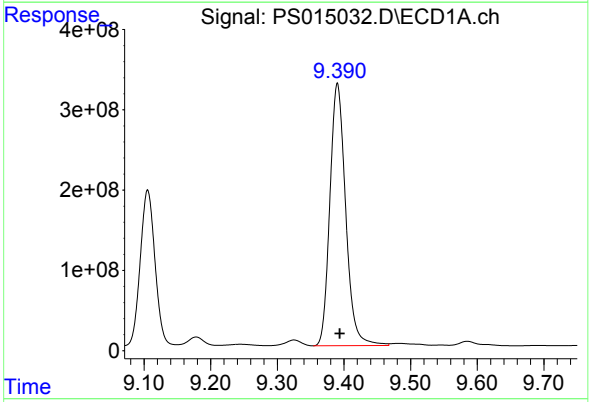


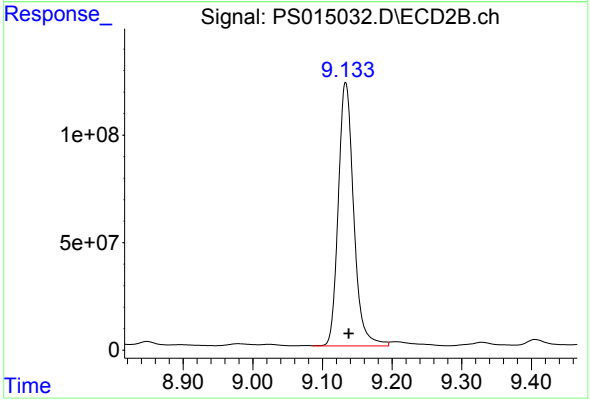
#11 2,4,5-TP (SILVEX)

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 1004005789
Conc: 348.36 ng/ml



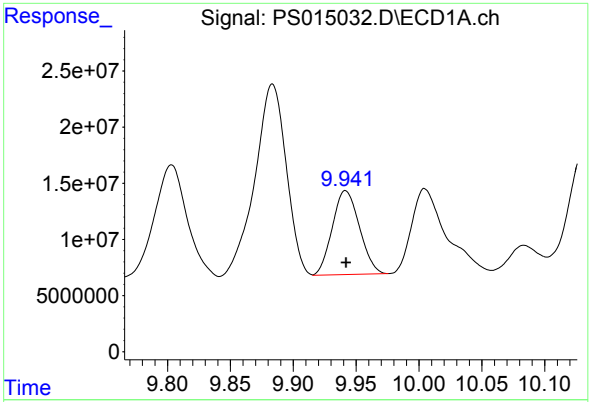
#12 2,4,5-T

R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 5380981226
Conc: 588.38 ng/ml



#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: -0.004 min
Response: 1878436475
Conc: 703.83 ng/ml



#13 2,4-DB

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 112140799
Conc: 64.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-SOILDL

Manual Integrations APPROVED
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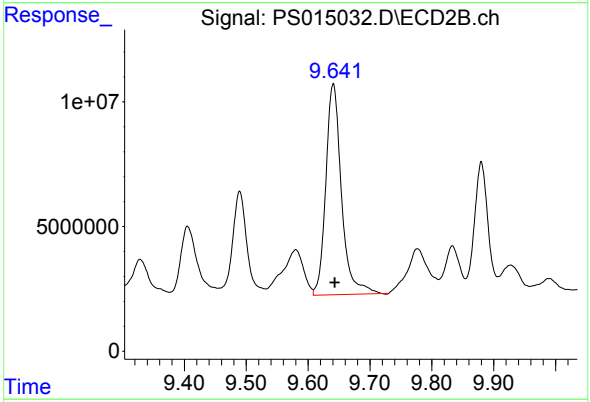
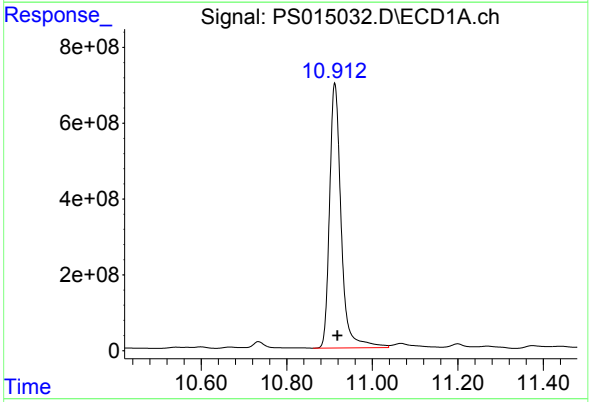


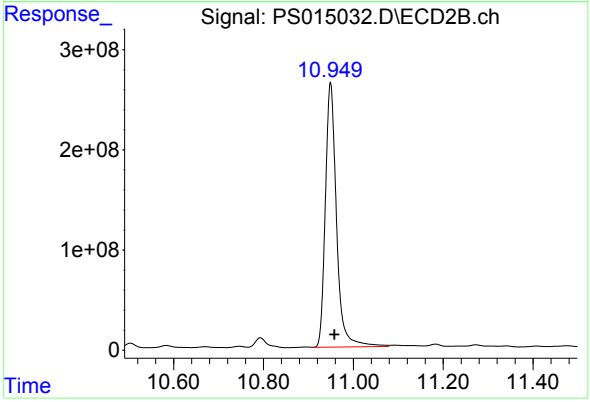
#13 2,4-DB

R.T.: 9.641 min
Delta R.T.: -0.002 min
Response: 146751723
Conc: 416.00 ng/ml



#15 Picloram

R.T.: 10.912 min
Delta R.T.: -0.006 min
Response: 13132897595
Conc: 1081.14 ng/ml



#15 Picloram

R.T.: 10.949 min
Delta R.T.: -0.009 min
Response: 4551588691
Conc: 1142.28 ng/ml