Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\ECD_E\Data\PE100217\
Data File : PE016908.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 4 Oct 2017 5:44
Operator : UA/AJ
Sample : I5584-04MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 11:16:38 2017
Quant Method : P:\HPCHEM1\ECD_E\Method\PE100117.M
Quant Title : 8080.M
QLast Update : Thu Oct 05 10:20:44 2017
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-35-HT Inferno Signal #2 Phase: ZB-XLB-HT Infernon
Signal #1 Info : 30M x 0.25mm x0.2 Signal #2 Info : 30M x 0.25mm x 0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
4)	S	2,4-DCAA	10.046	10.632	37585	64713	391.143	428.786
		Target Compounds						
1)	T	Dalapon	2.813	2.993	71195	98208	301.067	303.740
2)	T	3,5-DICHL...	8.768	9.003	61167	99925	389.725	373.093m
5)	T	DICAMBA	10.153	10.786	145586	216208	338.567	333.296m
8)	T	DICHLORPROP	11.192	11.746	46907	80055	394.648m	382.302
9)	T	2,4-D	11.548	12.309	66199	100136	408.909	413.152
10)	T	Pentachlo...	12.562	12.965	563708	945429	394.531	407.309
11)	T	2,4,5-TP ...	12.687	13.170	257097	417273	452.365	423.632
12)	T	2,4,5-T	13.106	13.804	254085	426964	394.642	394.296
13)	T	2,4-DB	13.744	14.389	44676	46044	494.953	355.405 #
14)	T	DINOSEB	13.890	14.220	214959	350821	400.337	396.041
15)	T	Picloram	14.702	16.038	243122	425488	225.465	222.761
16)	T	DCPA	14.895	15.545	250716	475338	291.469m	286.598

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

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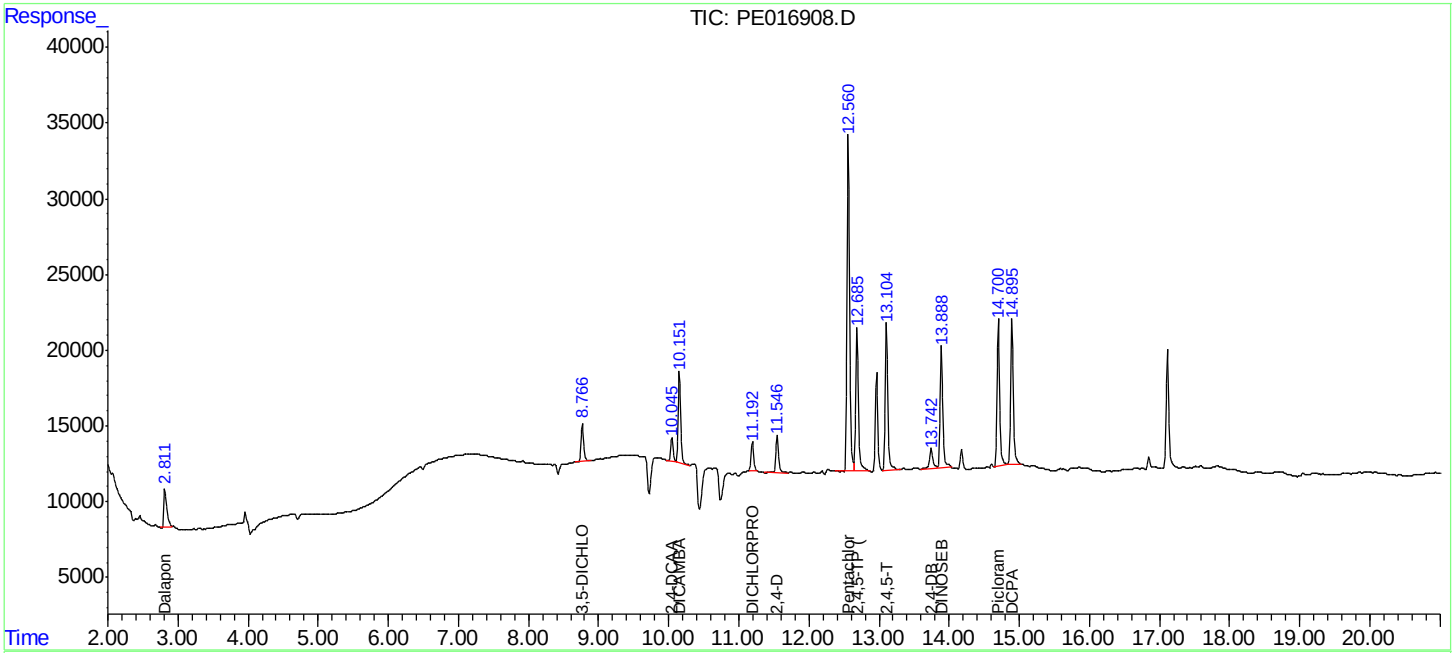

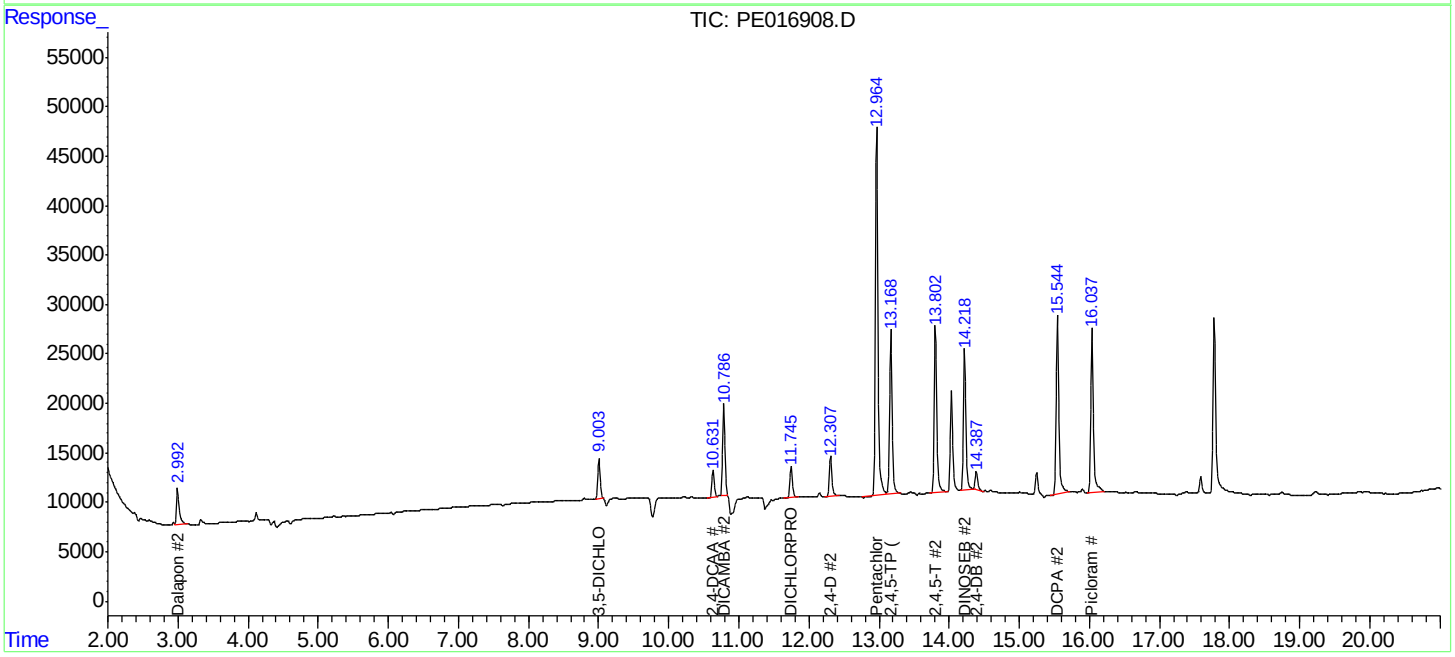

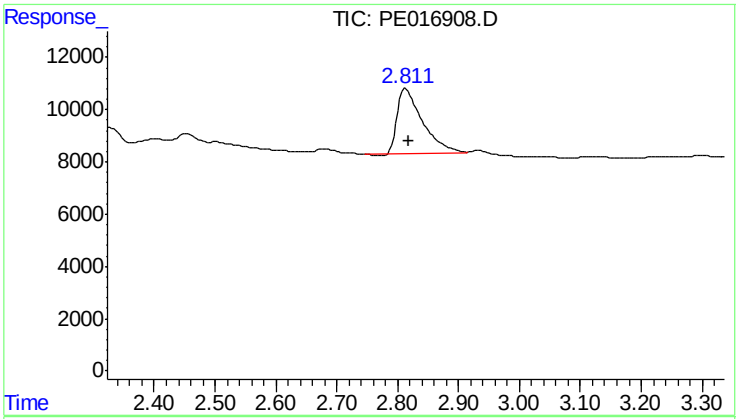

#1 Dalapon

R.T.: 2.813 min
Delta R.T.: -0.004 min
Response: 71195
Conc: 301.07 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

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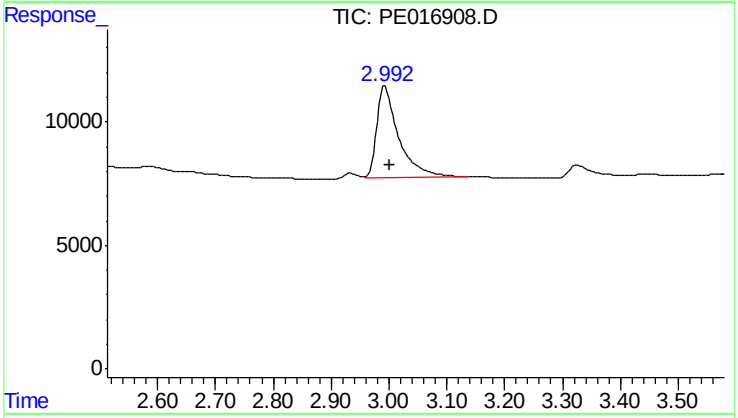
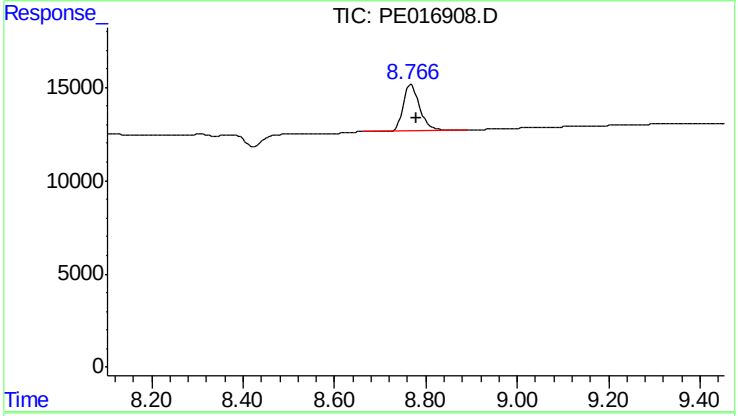


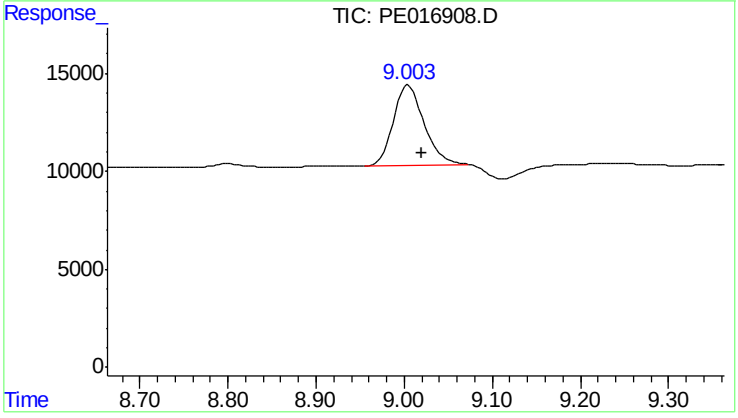
#1 Dalapon

R.T.: 2.993 min
Delta R.T.: -0.008 min
Response: 98208
Conc: 303.74 ng/ml



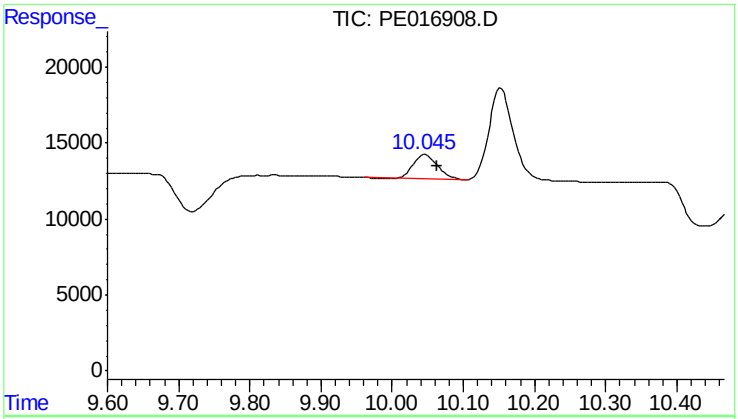
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 8.768 min
Delta R.T.: -0.012 min
Response: 61167
Conc: 389.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.003 min
Delta R.T.: -0.016 min
Response: 99925
Conc: 373.09 ng/ml m



#4 2,4-DCAA

R.T.: 10.046 min
Delta R.T.: -0.016 min
Response: 37585
Conc: 391.14 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

Manual Integrations APPROVED
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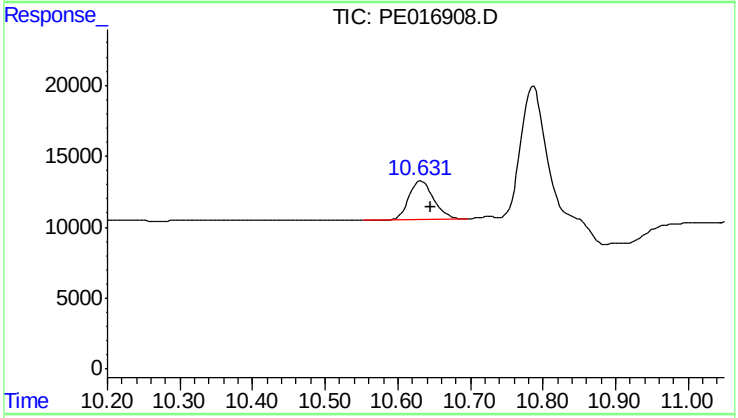
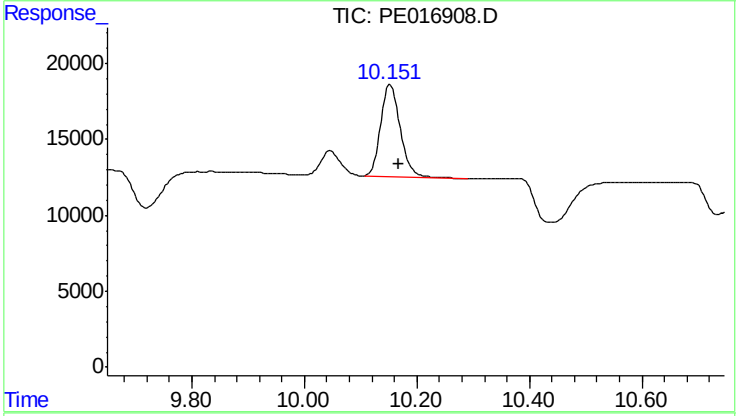


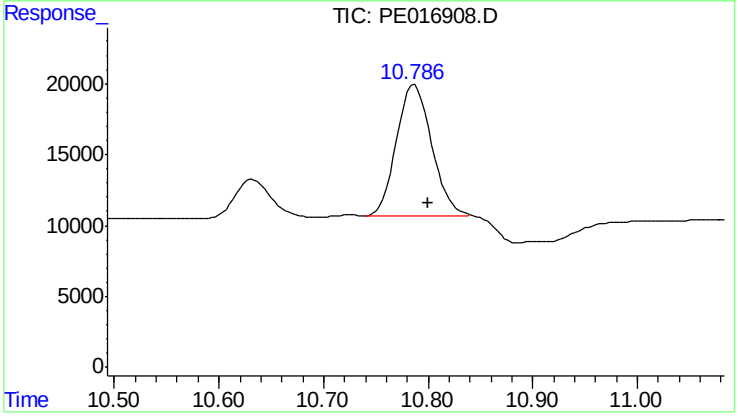
#4 2,4-DCAA

R.T.: 10.632 min
Delta R.T.: -0.014 min
Response: 64713
Conc: 428.79 ng/ml



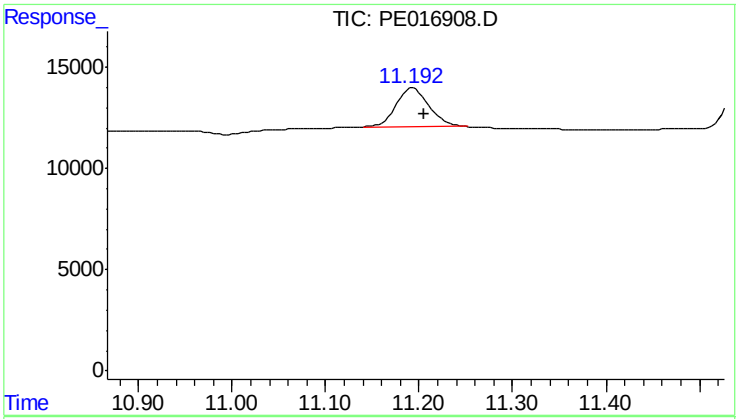
#5 DICAMBA

R.T.: 10.153 min
Delta R.T.: -0.016 min
Response: 145586
Conc: 338.57 ng/ml



#5 DICAMBA

R.T.: 10.786 min
Delta R.T.: -0.015 min
Response: 216208
Conc: 333.30 ng/ml m



#8 DICHLORPROP

R.T.: 11.192 min
Delta R.T.: -0.013 min
Response: 46907
Conc: 394.65 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

Manual Integrations APPROVED
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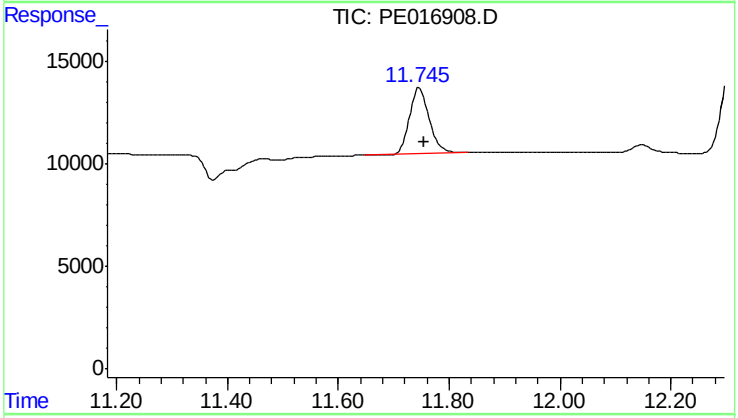
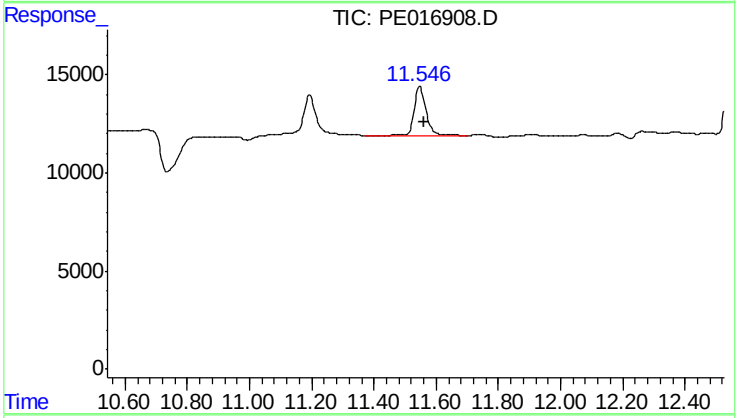


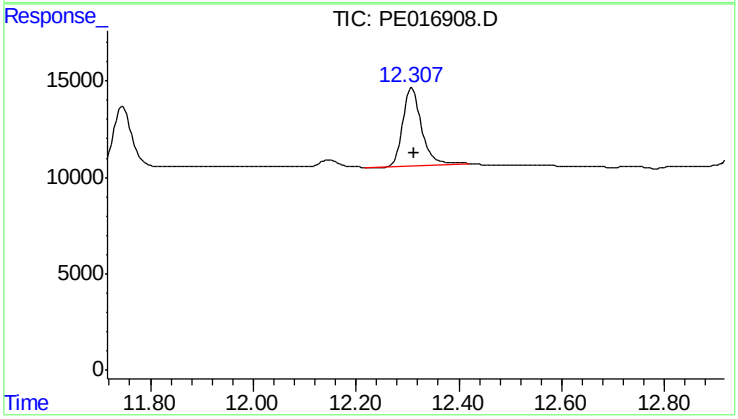
#8 DICHLORPROP

R.T.: 11.746 min
Delta R.T.: -0.010 min
Response: 80055
Conc: 382.30 ng/ml



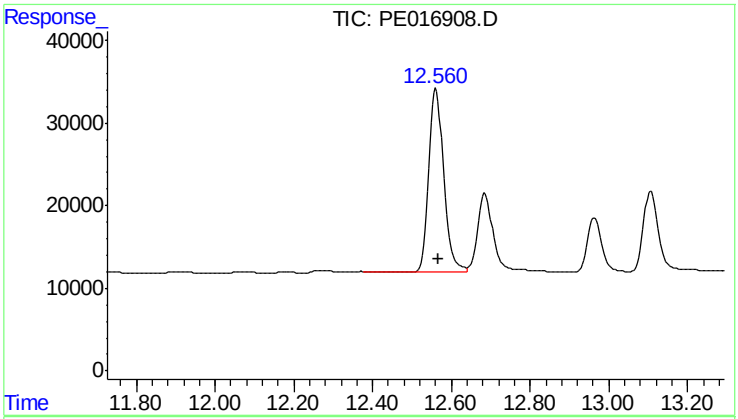
#9 2,4-D

R.T.: 11.548 min
Delta R.T.: -0.011 min
Response: 66199
Conc: 408.91 ng/ml



#9 2,4-D

R.T.: 12.309 min
Delta R.T.: -0.005 min
Response: 100136
Conc: 413.15 ng/ml



#10 Pentachlorophenol

R.T.: 12.562 min
Delta R.T.: -0.005 min
Response: 563708
Conc: 394.53 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

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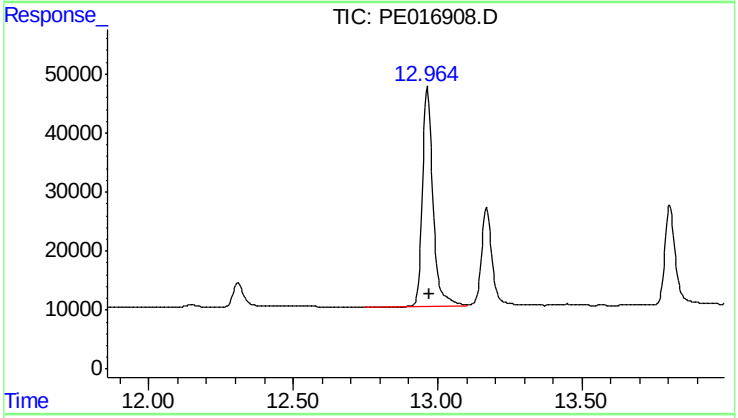
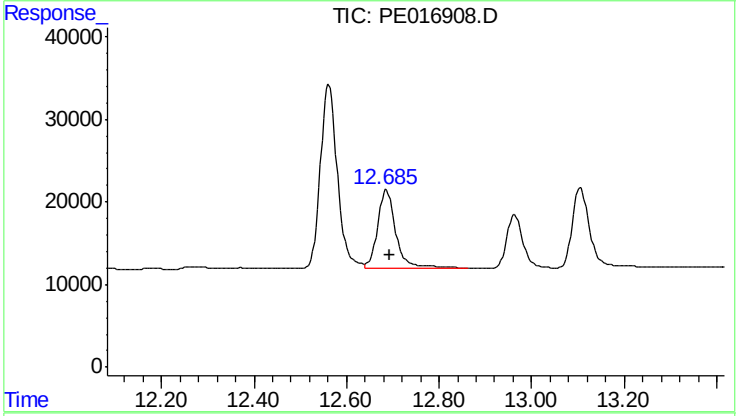


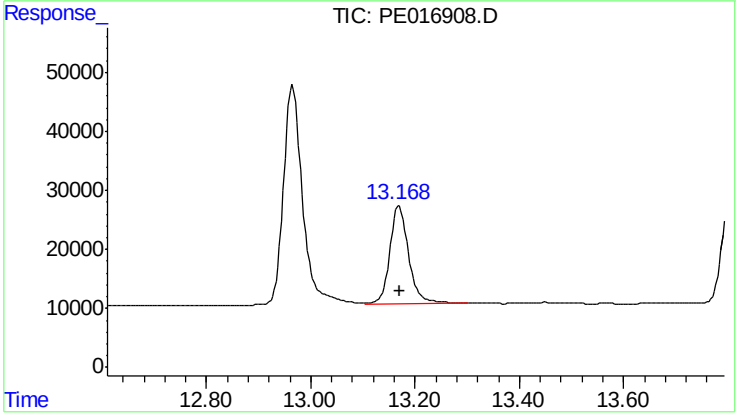
#10 Pentachlorophenol

R.T.: 12.965 min
Delta R.T.: -0.005 min
Response: 945429
Conc: 407.31 ng/ml



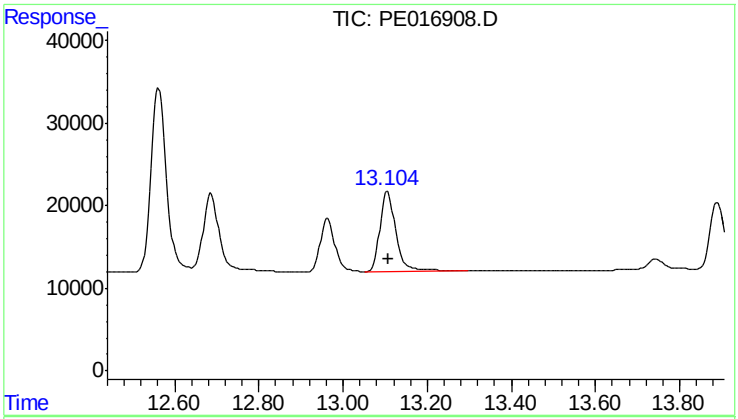
#11 2,4,5-TP (SILVEX)

R.T.: 12.687 min
Delta R.T.: -0.006 min
Response: 257097
Conc: 452.37 ng/ml



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

R.T.: 13.170 min
Delta R.T.: -0.002 min
Response: 417273
Conc: 423.63 ng/ml



#12 2,4,5-T

R.T.: 13.106 min
Delta R.T.: -0.001 min
Response: 254085
Conc: 394.64 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

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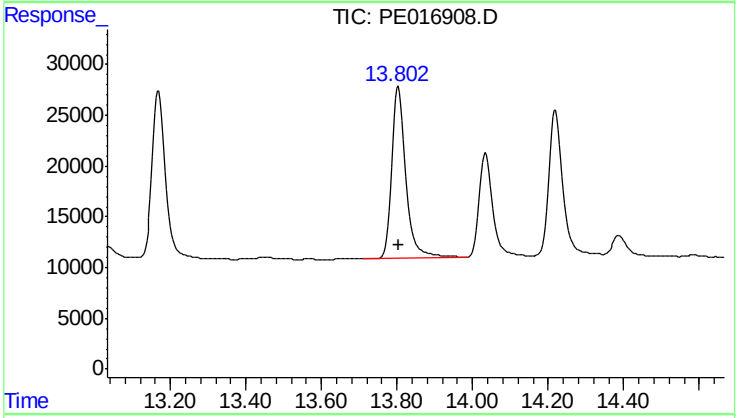
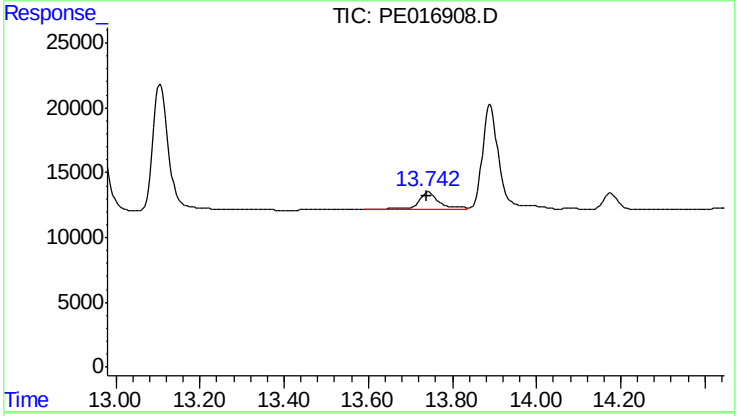


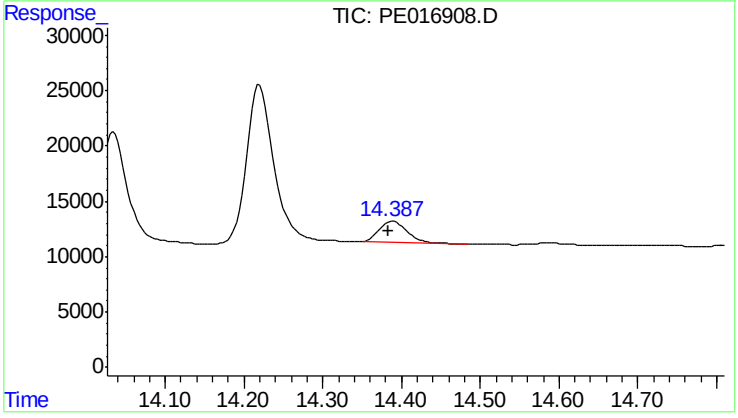
#12 2,4,5-T

R.T.: 13.804 min
Delta R.T.: 0.000 min
Response: 426964
Conc: 394.30 ng/ml



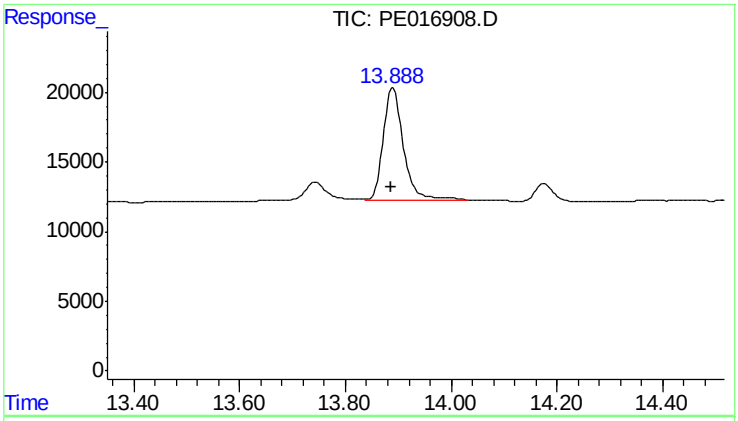
#13 2,4-DB

R.T.: 13.744 min
Delta R.T.: 0.003 min
Response: 44676
Conc: 494.95 ng/ml



#13 2,4-DB

R.T.: 14.389 min
Delta R.T.: 0.006 min
Response: 46044
Conc: 355.41 ng/ml



#14 DINOSEB

R.T.: 13.890 min
Delta R.T.: 0.003 min
Response: 214959
Conc: 400.34 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

Manual Integrations APPROVED
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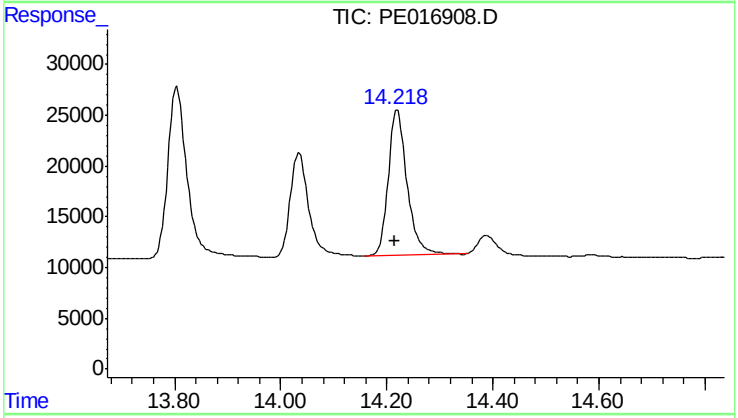
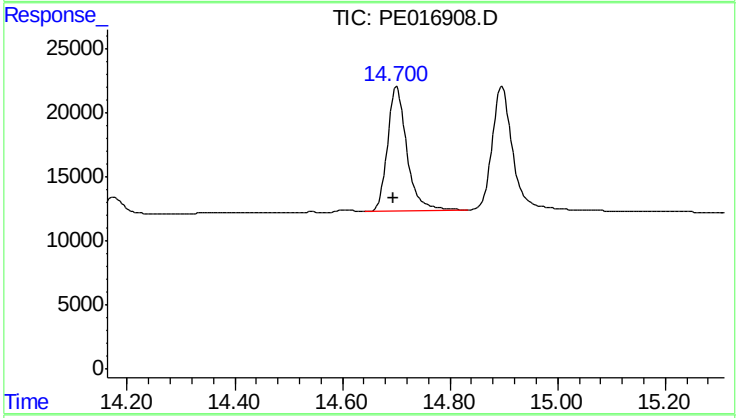


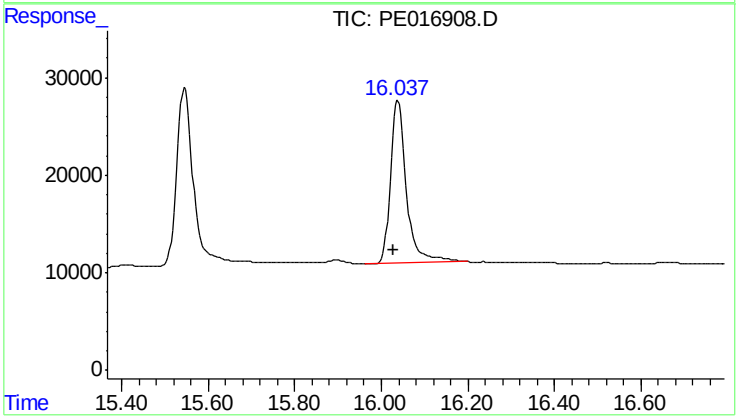
#14 DINOSEB

R.T.: 14.220 min
Delta R.T.: 0.004 min
Response: 350821
Conc: 396.04 ng/ml



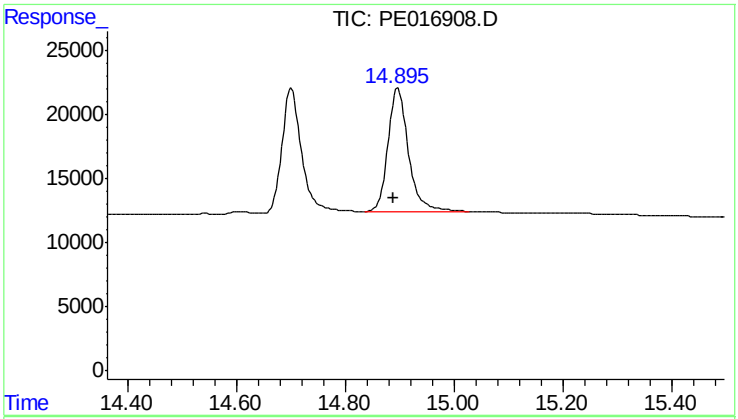
#15 Picloram

R.T.: 14.702 min
Delta R.T.: 0.007 min
Response: 243122
Conc: 225.46 ng/ml



#15 Picloram

R.T.: 16.038 min
Delta R.T.: 0.012 min
Response: 425488
Conc: 222.76 ng/ml



#16 DCPA

R.T.: 14.895 min
Delta R.T.: 0.006 min
Response: 250716
Conc: 291.47 ng/ml

Instrument :
ECD_E
ClientSampleId :
TP-1-COMPMSD

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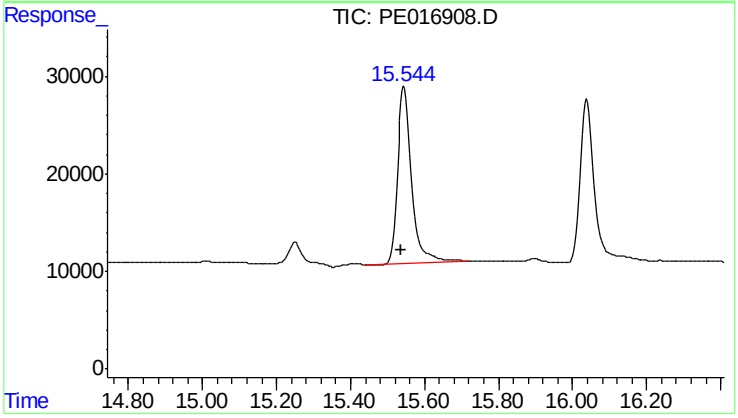

#16 DCPA

R.T.: 15.545 min
Delta R.T.: 0.008 min
Response: 475338
Conc: 286.60 ng/ml