

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
 Data File : PS031123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 02:27
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 03:23:40 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	7.327	7.768	2820.5E6	638.4E6	713.144	616.160
Target Compounds							
1) T	Dalapon	2.692	2.703	3513.2E6	1637.8E6	576.724	576.101
2) T	3,5-DICHL...	6.489	6.714	3421.1E6	878.3E6	653.047	566.495
3) T	4-Nitroph...	7.126	7.300	1096.4E6	999.0E6	812.148	572.830 #
5) T	DICAMBA	7.516	7.970	10228.8E6	3821.4E6	651.890	590.048
6) T	MCPD	7.697	8.068	572.5E6	127.0E6	62.220	59.384
7) T	MCPA	7.846	8.317	763.6E6	186.2E6	70.013	58.079
8) T	DICHLORPROP	8.228	8.689	2292.1E6	892.7E6	673.129	587.618
9) T	2,4-D	8.460	9.026	2373.2E6	1004.5E6	770.905	591.047
10) T	Pentachlo...	8.766	9.549	36533.6E6	24083.0E6	726.870	624.964
11) T	2,4,5-TP ...	9.345	9.931	13671.6E6	8923.1E6	734.608	608.016
12) T	2,4,5-T	9.639	10.358	12239.6E6	8538.8E6	804.530m	610.268
13) T	2,4-DB	10.216	10.926	2005.8E6	710.4E6	923.992	600.448 #
14) T	DINOSEB	11.431	11.310	9337.0E6	6538.2E6	708.210	575.973
15) T	Picloram	11.242	12.421	13320.3E6	14817.7E6	914.108	631.061 #
16) T	DCPA	11.728	12.354	18124.3E6	13806.3E6	757.159	612.200

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

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Acq On : 18 Jul 2025 02:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

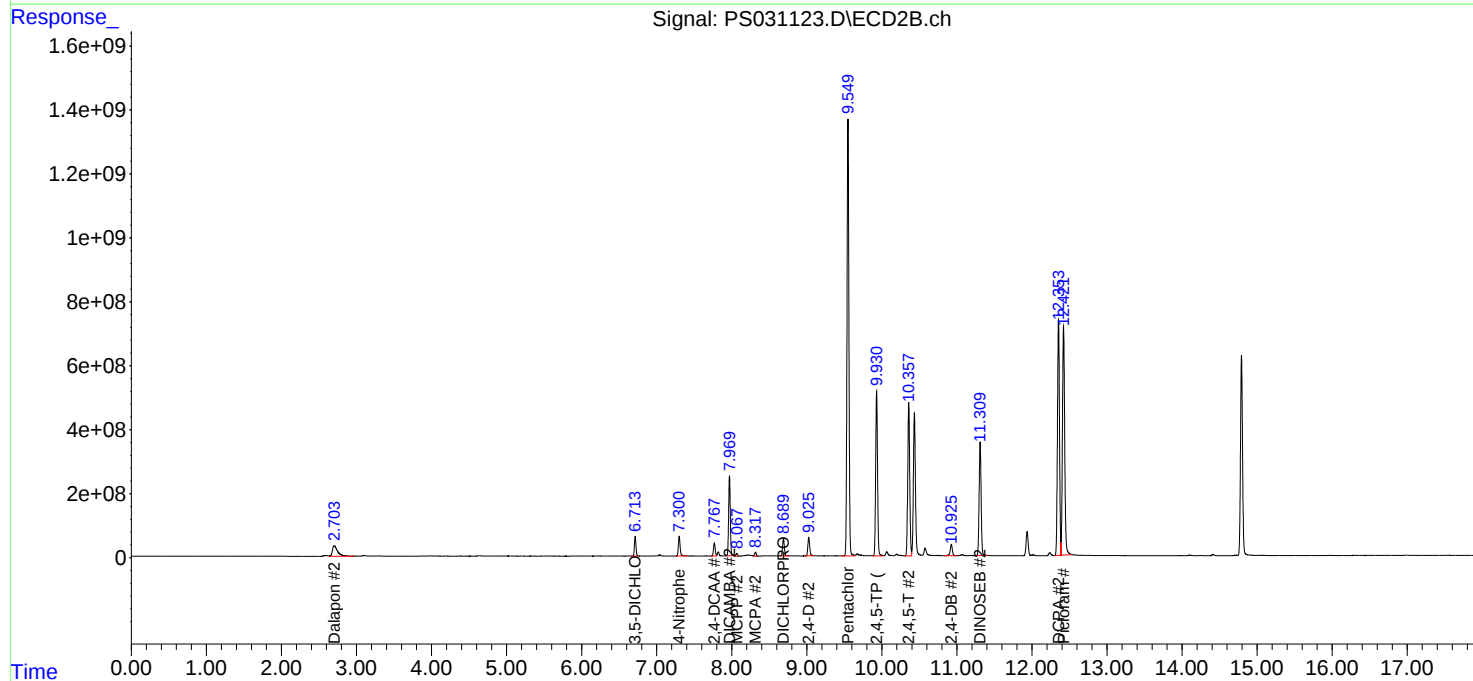
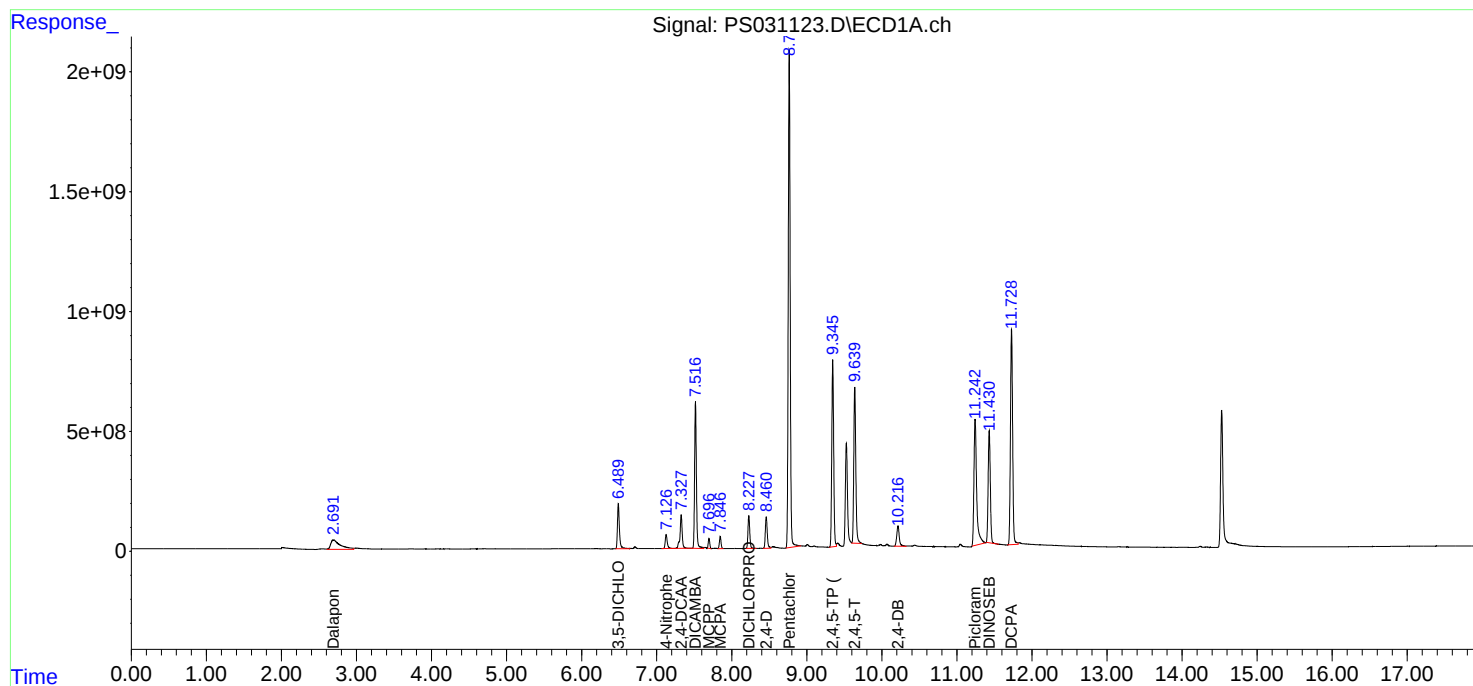
Instrument :
ECD_S
ClientSampleId :
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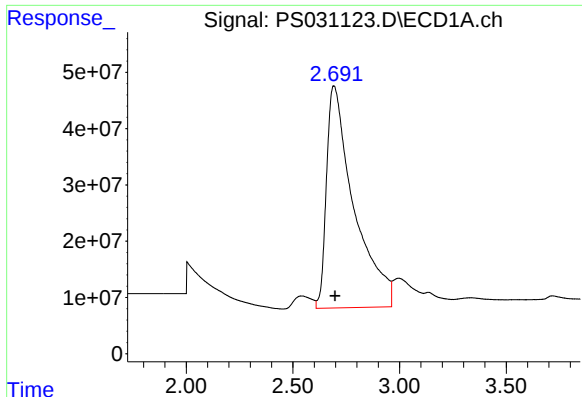
Manual Integrations
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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QLast Update : Mon Jul 14 05:51:06 2025
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Volume Inj. : 1 µl
Signal #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.: 2.692 min
Delta R.T.: -0.006 min
Response: 3513240831
Conc: 576.72 ng/ml

Instrument :

ECD_S

ClientSampleId :

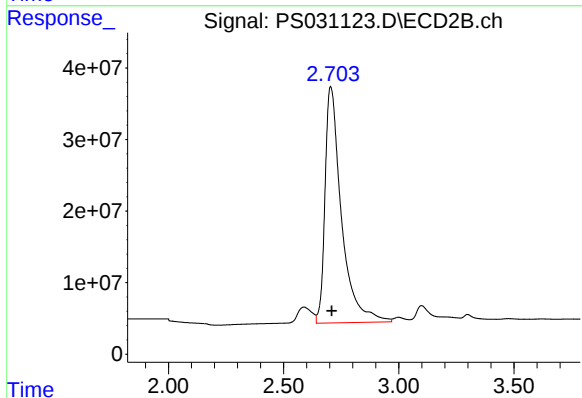
HSTDCCC750

Manual Integrations

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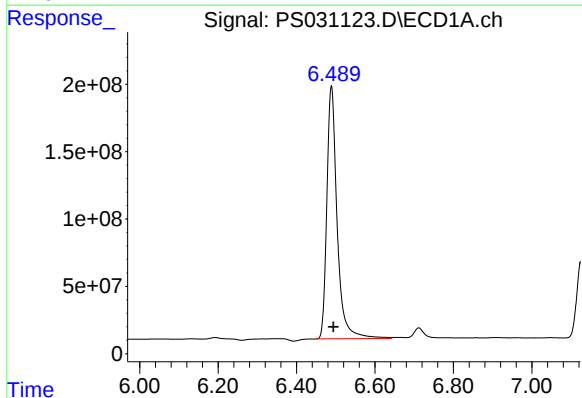
Reviewed By :Abdul Mirza 07/18/2025

Supervised By :mohammad ahmed 07/19/2025



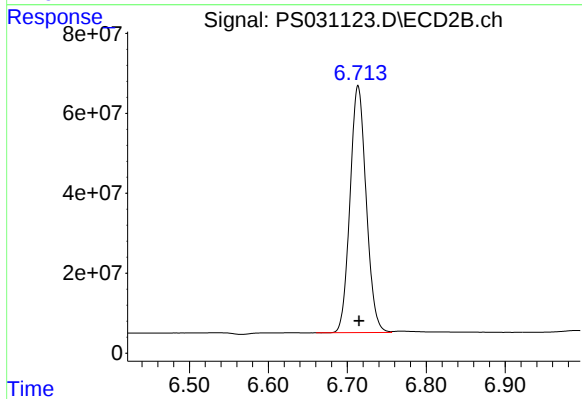
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 1637772476
Conc: 576.10 ng/ml



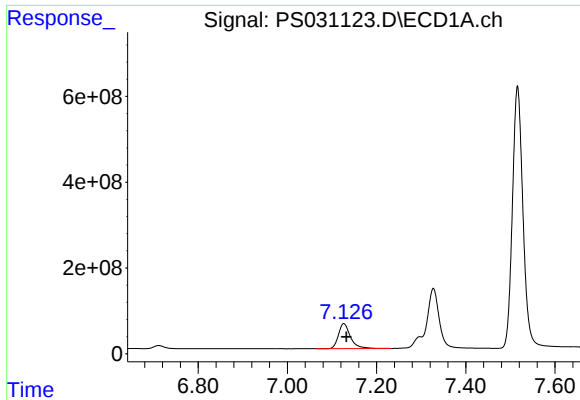
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.489 min
Delta R.T.: -0.005 min
Response: 3421051873
Conc: 653.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 878257958
Conc: 566.49 ng/ml



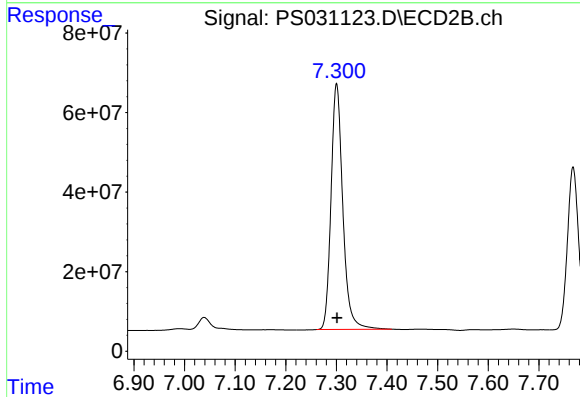
#3 4-Nitrophenol

R.T.: 7.126 min
Delta R.T.: -0.006 min
Response: 1096405523
Conc: 812.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

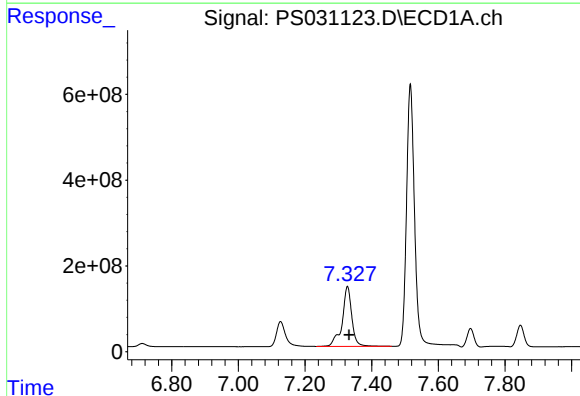
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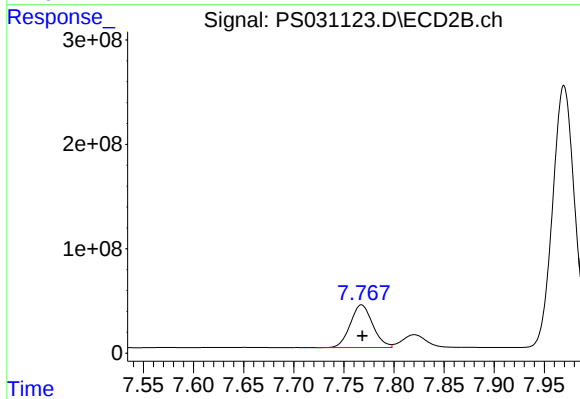
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 998951974
Conc: 572.83 ng/ml



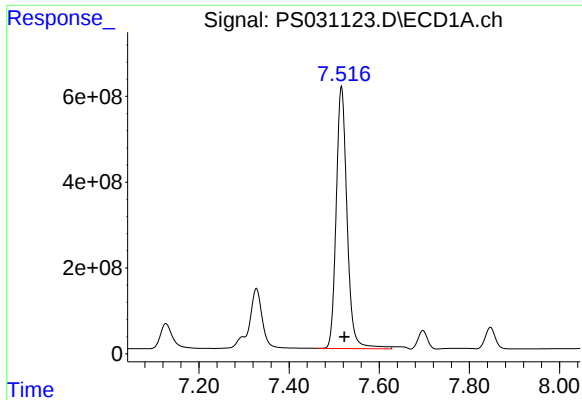
#4 2,4-DCAA

R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 2820536469
Conc: 713.14 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.001 min
Response: 638361662
Conc: 616.16 ng/ml



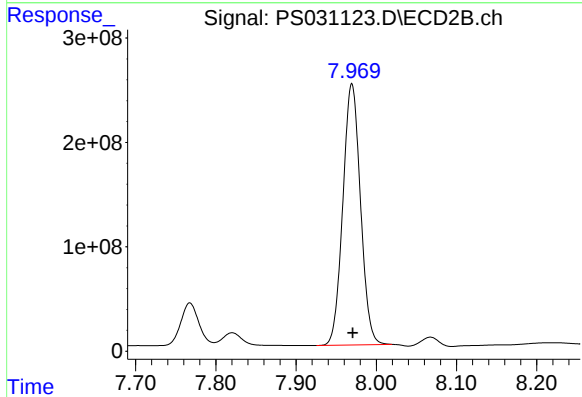
#5 DICAMBA

R.T.: 7.516 min
Delta R.T.: -0.006 min
Response: 10228754861
Conc: 651.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

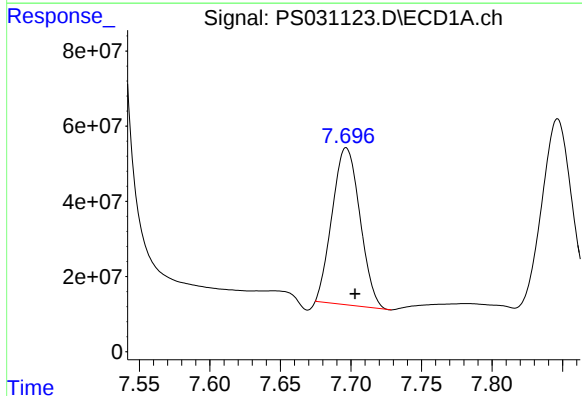
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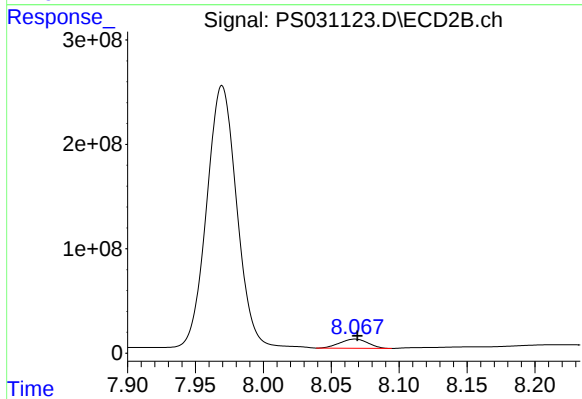
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 3821402016
Conc: 590.05 ng/ml



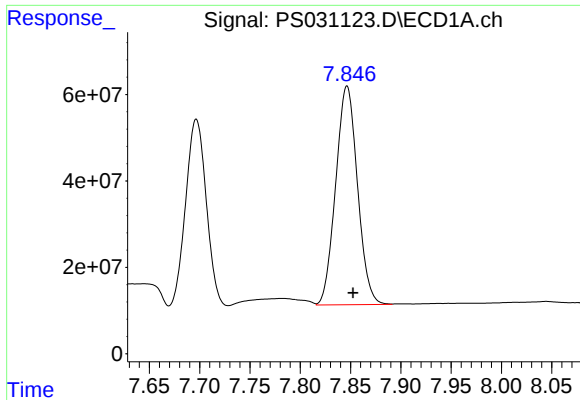
#6 MCPP

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 572502219
Conc: 62.22 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 126960700
Conc: 59.38 ug/ml



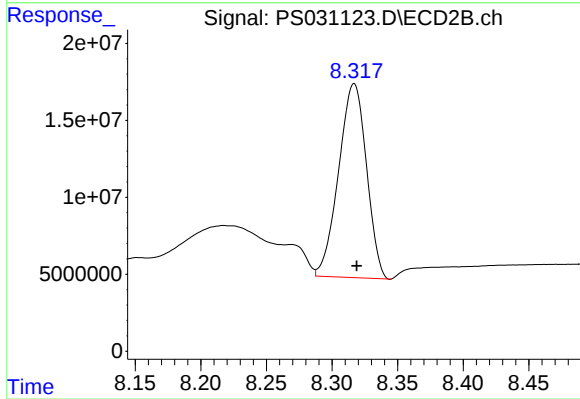
#7 MCPA

R.T.: 7.846 min
Delta R.T.: -0.006 min
Response: 763615118
Conc: 70.01 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

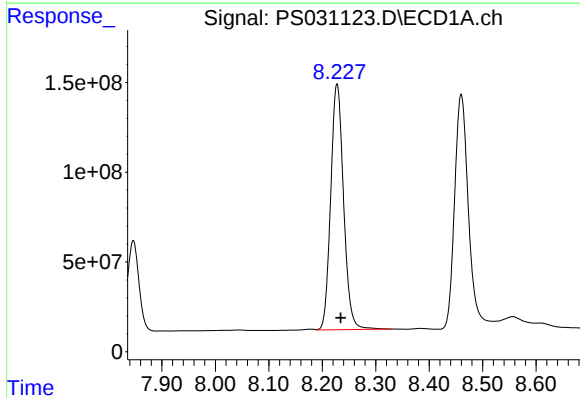
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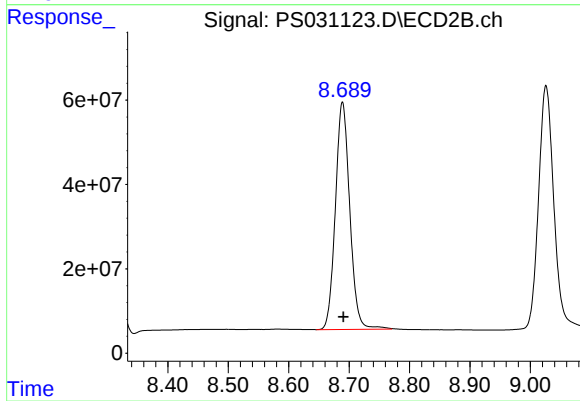
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 186182605
Conc: 58.08 ug/ml



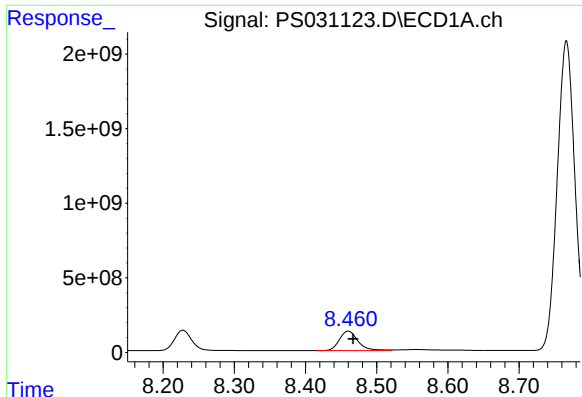
#8 DICHLORPROP

R.T.: 8.228 min
Delta R.T.: -0.007 min
Response: 2292108673
Conc: 673.13 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 892744826
Conc: 587.62 ng/ml



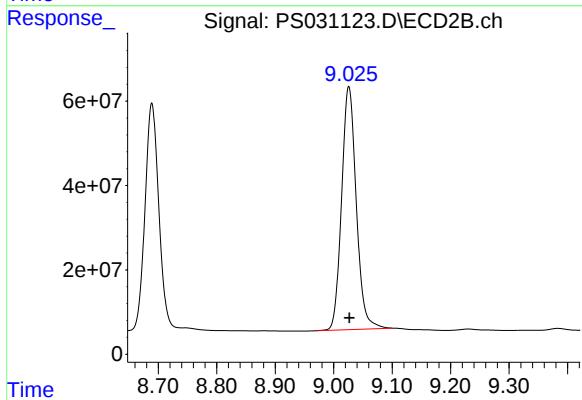
#9 2,4-D

R.T.: 8.460 min
Delta R.T.: -0.007 min
Response: 2373181176
Conc: 770.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

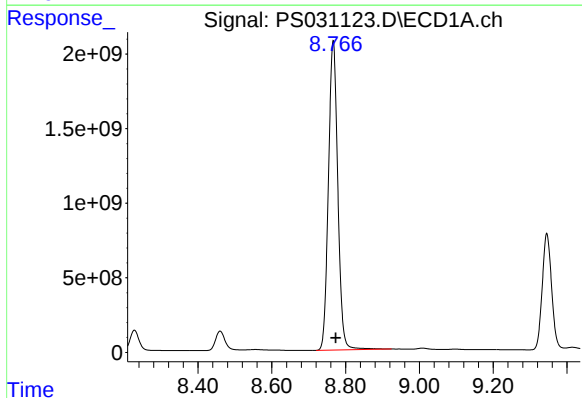
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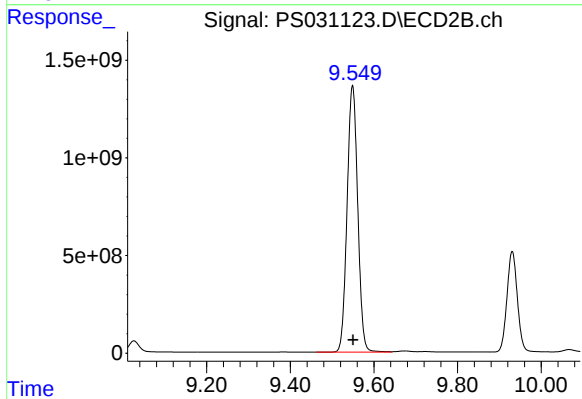
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1004463678
Conc: 591.05 ng/ml



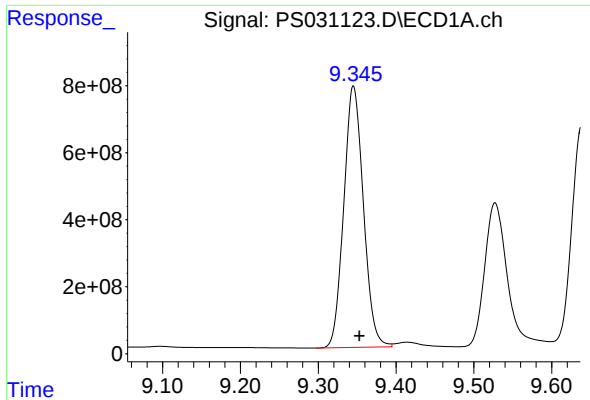
#10 Pentachlorophenol

R.T.: 8.766 min
Delta R.T.: -0.007 min
Response: 36533634788
Conc: 726.87 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 24083011579
Conc: 624.96 ng/ml



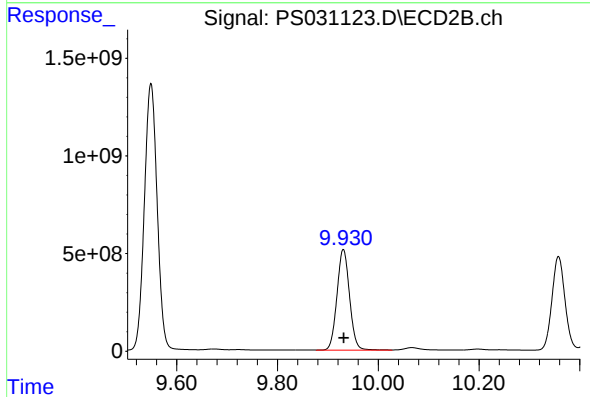
#11 2,4,5-TP (SILVEX)

R.T.: 9.345 min
Delta R.T.: -0.008 min
Response: 13671595344
Conc: 734.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

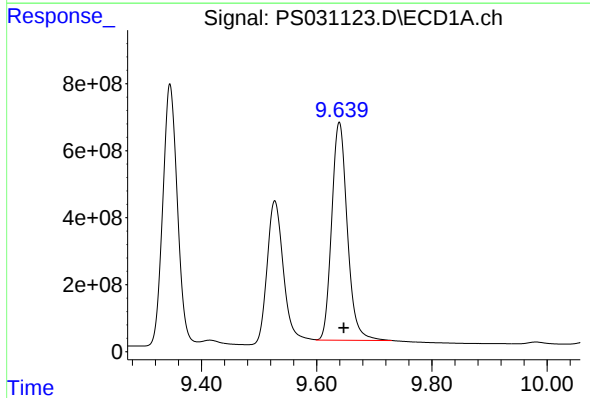
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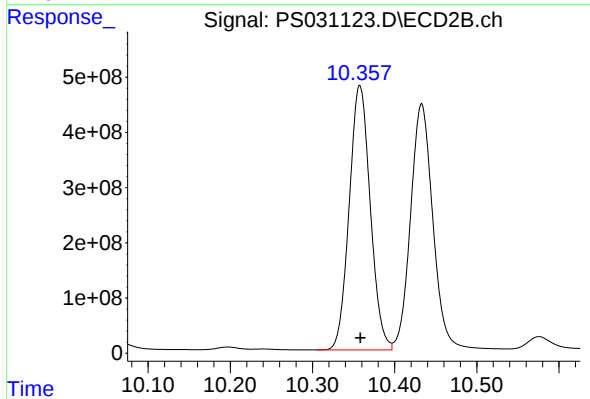
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 8923108687
Conc: 608.02 ng/ml



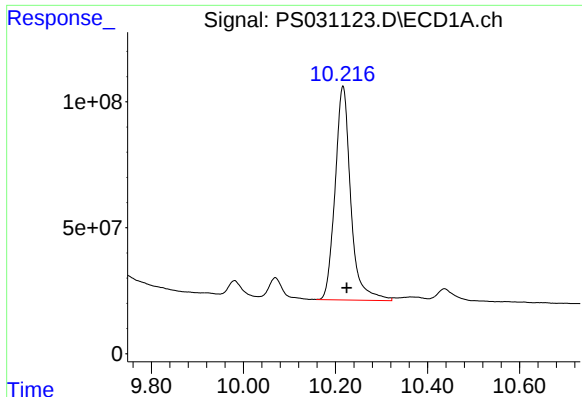
#12 2,4,5-T

R.T.: 9.639 min
Delta R.T.: -0.008 min
Response: 12239567275
Conc: 804.53 ng/ml m



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 8538752576
Conc: 610.27 ng/ml



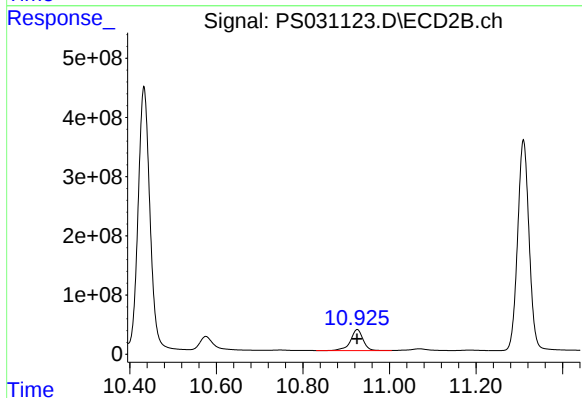
#13 2,4-DB

R.T.: 10.216 min
Delta R.T.: -0.009 min
Response: 2005792636
Conc: 923.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

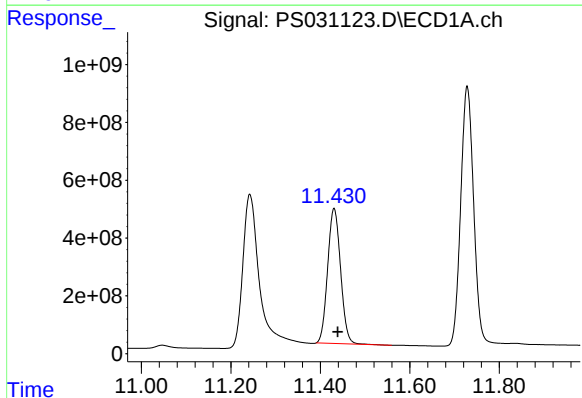
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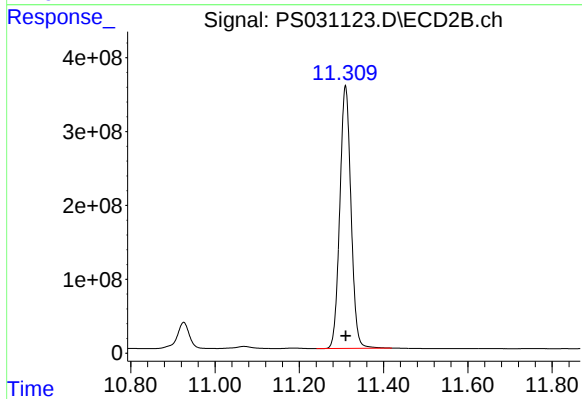
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 710439163
Conc: 600.45 ng/ml



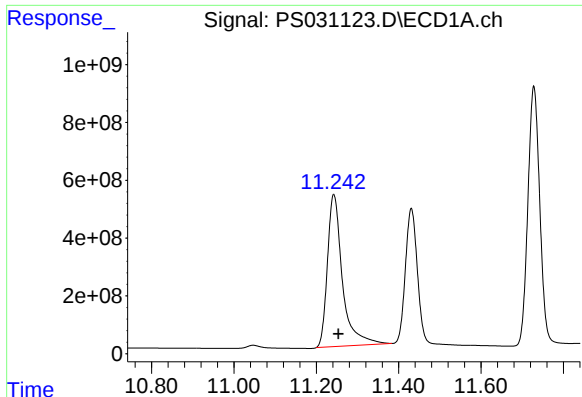
#14 DINOSEB

R.T.: 11.431 min
Delta R.T.: -0.008 min
Response: 9336975501
Conc: 708.21 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 6538162974
Conc: 575.97 ng/ml



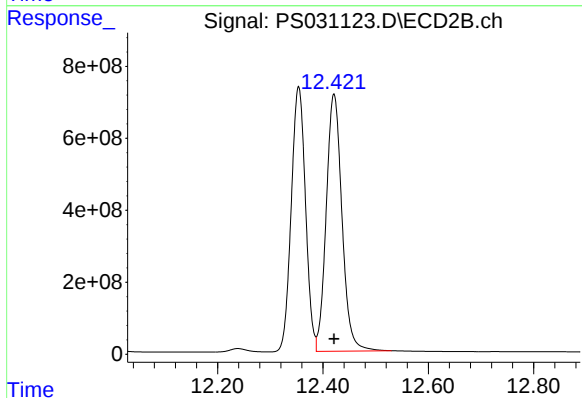
#15 Picloram

R.T.: 11.242 min
Delta R.T.: -0.012 min
Response: 13320340420
Conc: 914.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

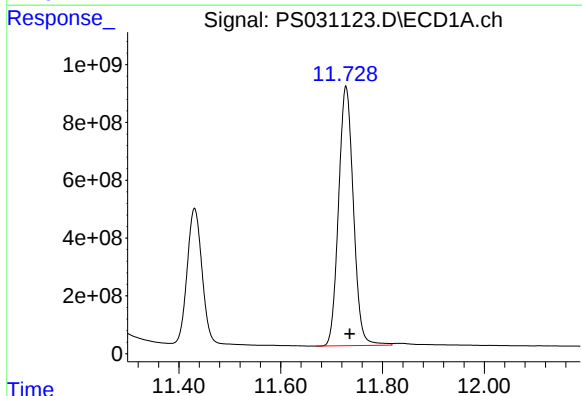
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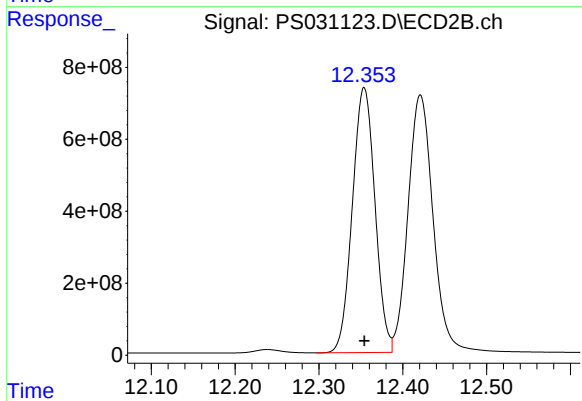
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.000 min
Response: 14817728879
Conc: 631.06 ng/ml



#16 DCPA

R.T.: 11.728 min
Delta R.T.: -0.008 min
Response: 18124259778
Conc: 757.16 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 13806317432
Conc: 612.20 ng/ml