

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082725\
 Data File : PS031552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2025 10:17
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/28/2025
 Supervised By : mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 01:36:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.287	7.742	2384.3E6	580.3E6	751.198	686.453
Target Compounds							
1) T	Dalapon	2.673	2.692	3067.7E6	1495.4E6	584.451	561.967
2) T	3,5-DICHL...	6.454	6.694	3375.8E6	943.6E6	715.467	697.938
3) T	4-Nitroph...	7.094	7.291	722.1E6	743.1E6	699.955	591.195
5) T	DICAMBA	7.471	7.938	9722.0E6	3813.7E6	696.099	671.109
6) T	MCPD	7.649	8.034	630.8E6	128.1E6	78.406m	72.477m
7) T	MCPA	7.798	8.282	736.1E6	178.3E6	73.898	63.556
8) T	DICHLORPROP	8.179	8.657	2245.3E6	888.2E6	707.752	665.293
9) T	2,4-D	8.414	8.999	2165.0E6	875.6E6	752.573	613.498
10) T	Pentachlo...	8.710	9.508	38191.0E6	25984.6E6	795.439	746.073
11) T	2,4,5-TP ...	9.288	9.892	13541.6E6	9136.6E6	755.512	696.601
12) T	2,4,5-T	9.584	10.321	11642.4E6	8068.3E6	794.634	681.456
13) T	2,4-DB	10.160	10.889	1517.6E6	575.3E6	789.697	596.307
14) T	DINOSEB	11.359	11.265	9757.3E6	6721.9E6	769.597	710.792
15) T	Picloram	11.186	12.386	9957.5E6	10748.6E6	762.781m	613.162
16) T	DCPA	11.657	12.306	18118.5E6	15050.5E6	795.393m	763.968m

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

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Acq On : 27 Aug 2025 10:17
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

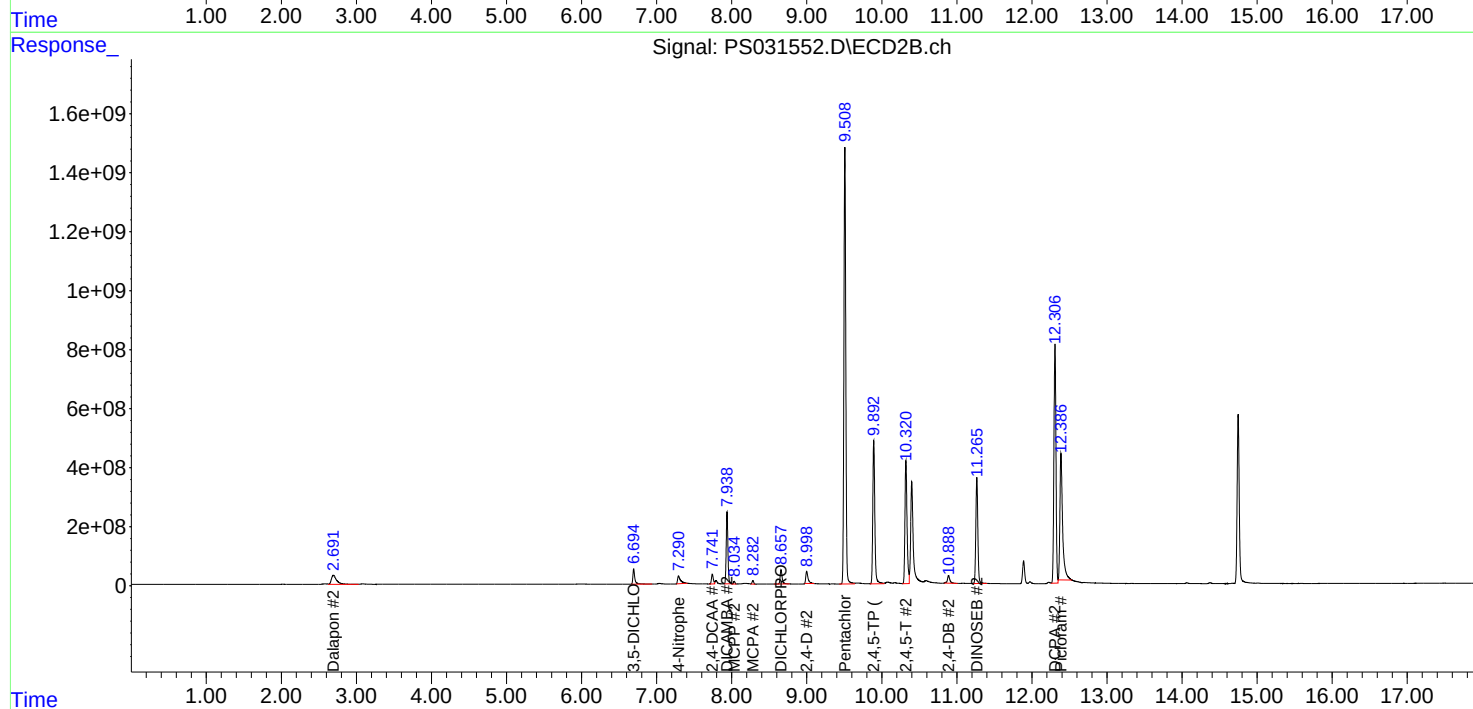
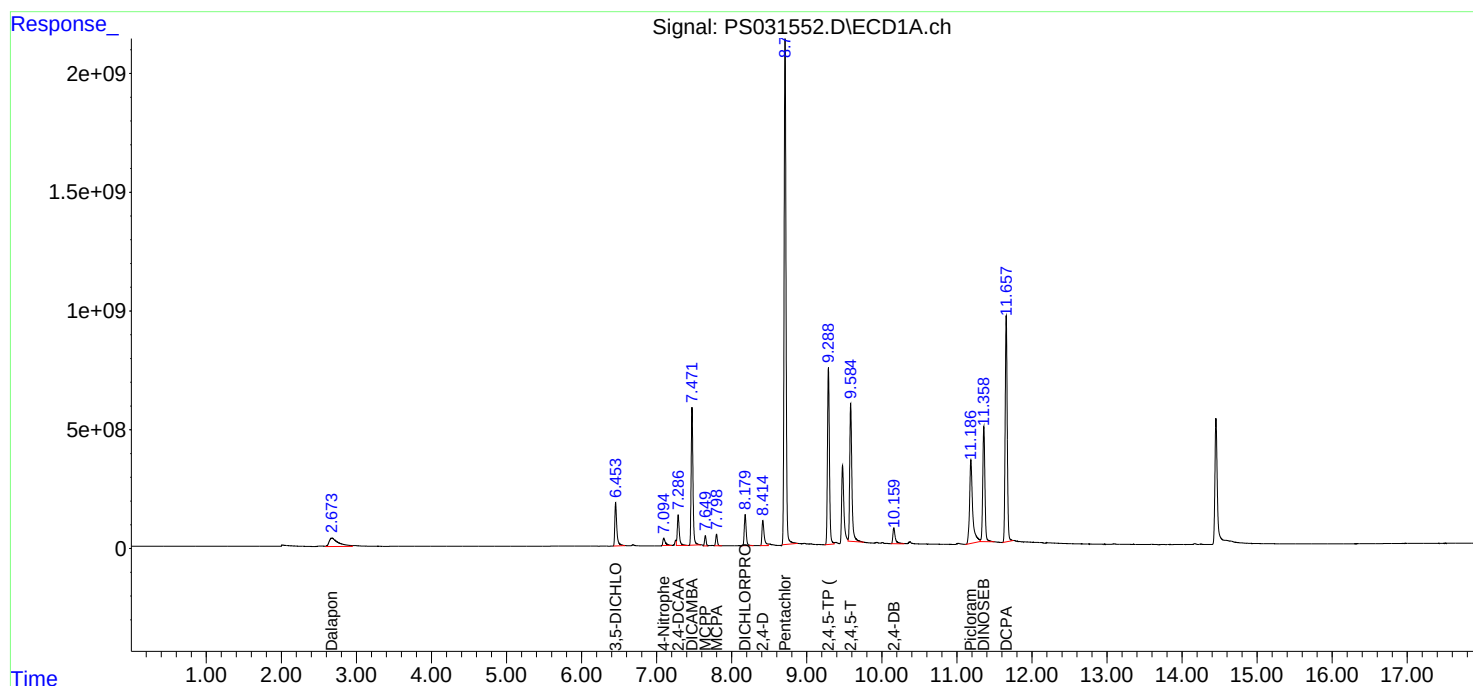
Instrument :
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ClientSampleId :
HSTDCCC750

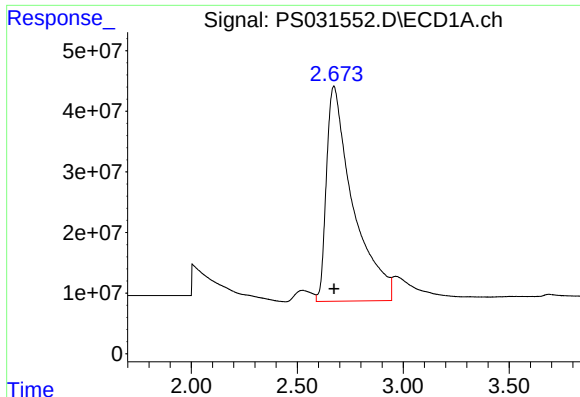
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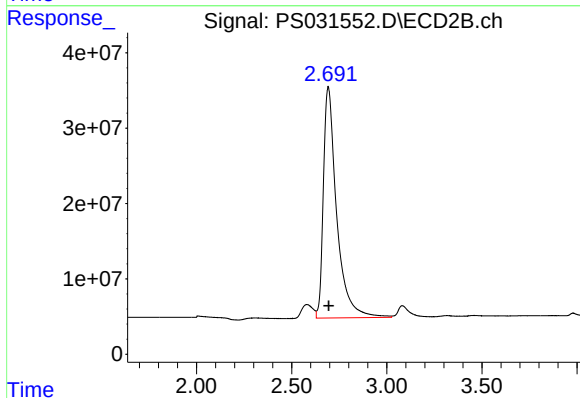
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.001 min
Response: 3067748051
Conc: 584.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

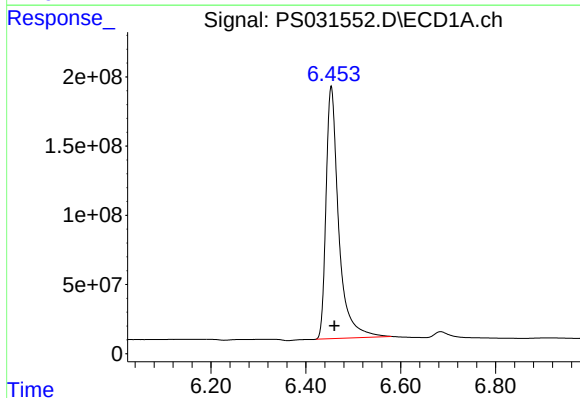
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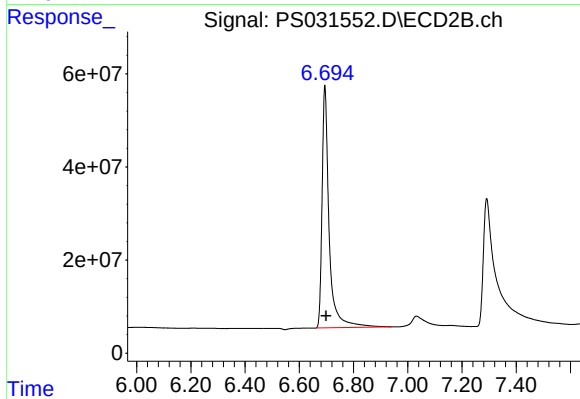
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1495400349
Conc: 561.97 ng/ml



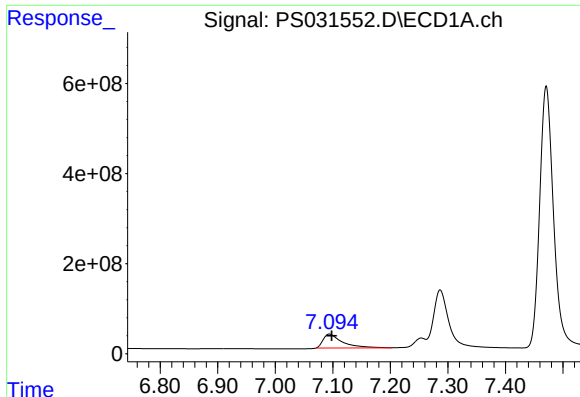
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 3375796722
Conc: 715.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.004 min
Response: 943562585
Conc: 697.94 ng/ml



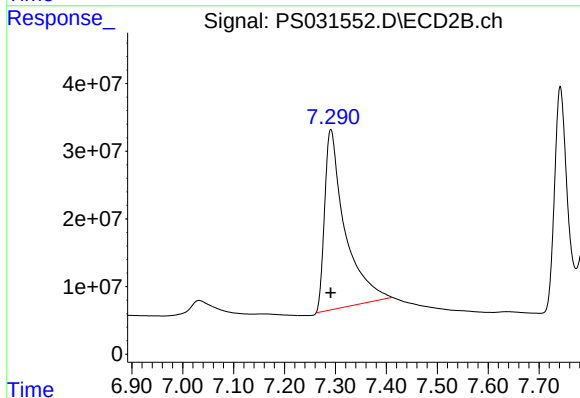
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 722129056
Conc: 699.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

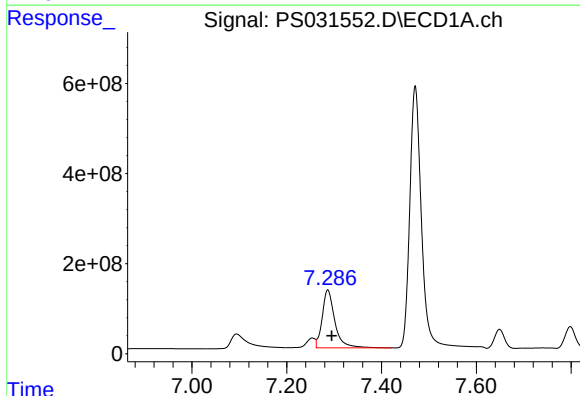
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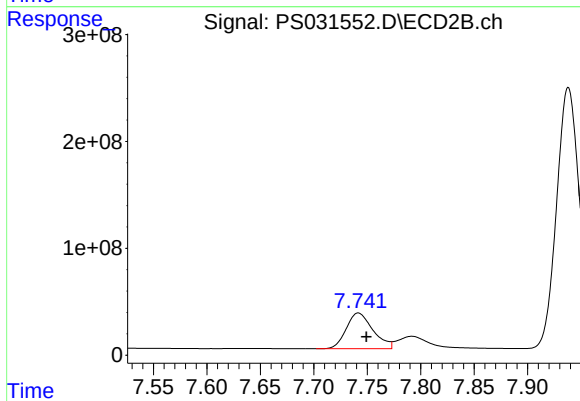
#3 4-Nitrophenol

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 743066893
Conc: 591.19 ng/ml



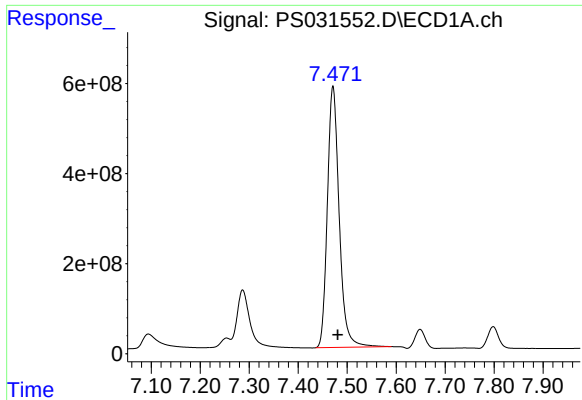
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 2384294622
Conc: 751.20 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 580285582
Conc: 686.45 ng/ml



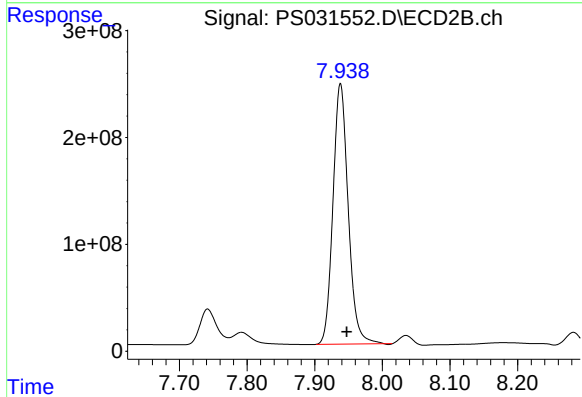
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 9722044961
Conc: 696.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

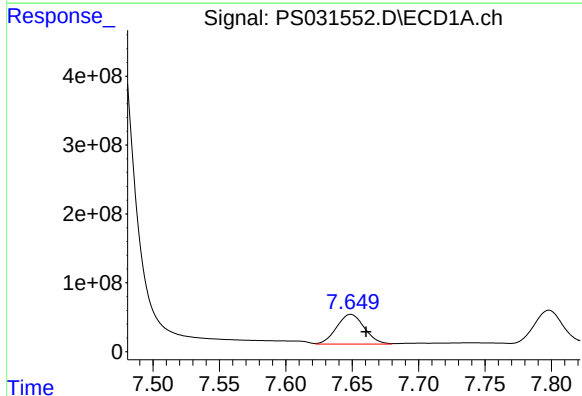
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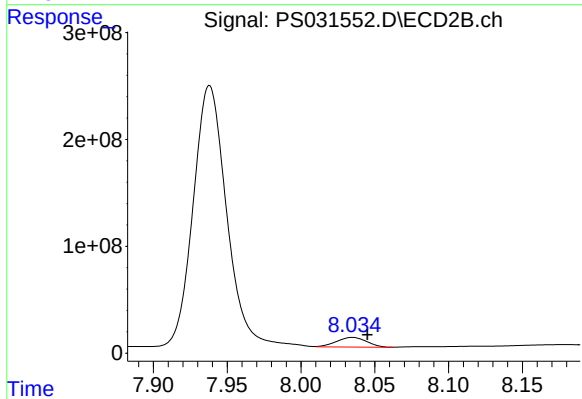
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 3813702598
Conc: 671.11 ng/ml



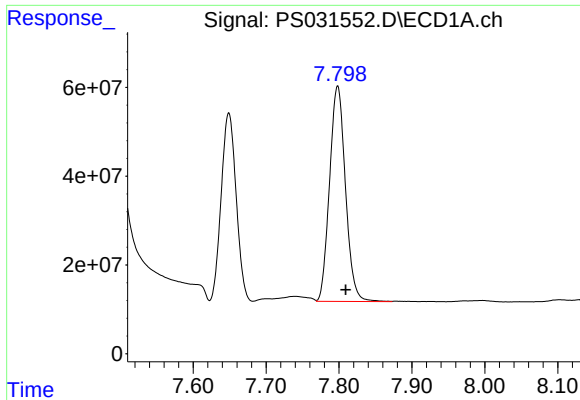
#6 MCP

R.T.: 7.649 min
Delta R.T.: -0.012 min
Response: 630765667
Conc: 78.41 ug/ml m



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 128128052
Conc: 72.48 ug/ml m



#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 736122935
Conc: 73.90 ug/ml

Instrument :

ECD_S

ClientSampleId :

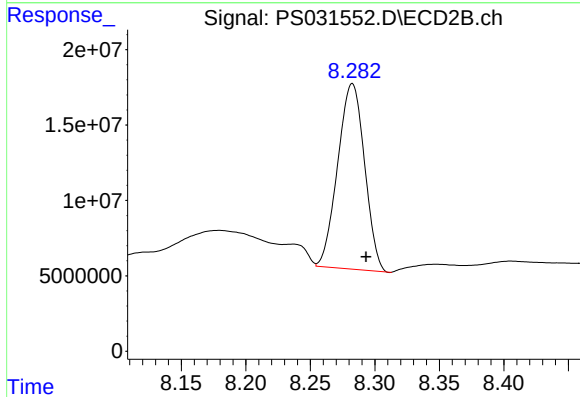
HSTDCCC750

Manual Integrations

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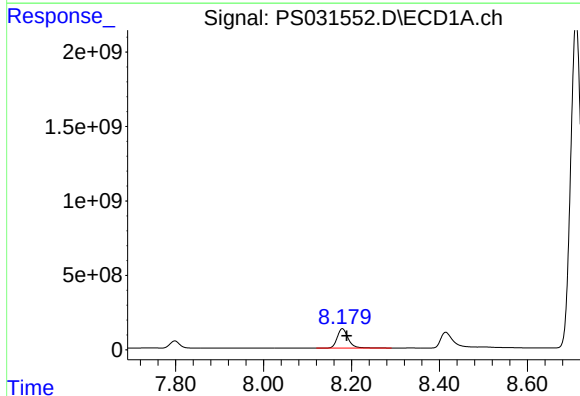
Reviewed By :Abdul Mirza 08/28/2025

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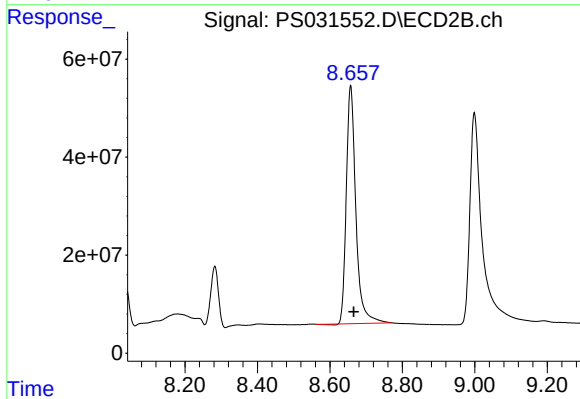
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 178306510
Conc: 63.56 ug/ml



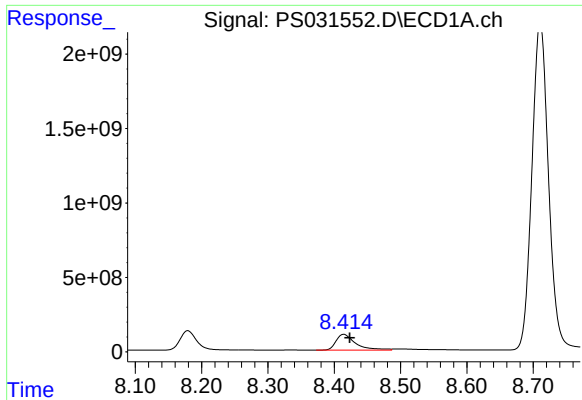
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 2245292435
Conc: 707.75 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 888187662
Conc: 665.29 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: -0.009 min
Response: 2165012234
Conc: 752.57 ng/ml

Instrument :

ECD_S

ClientSampleId :

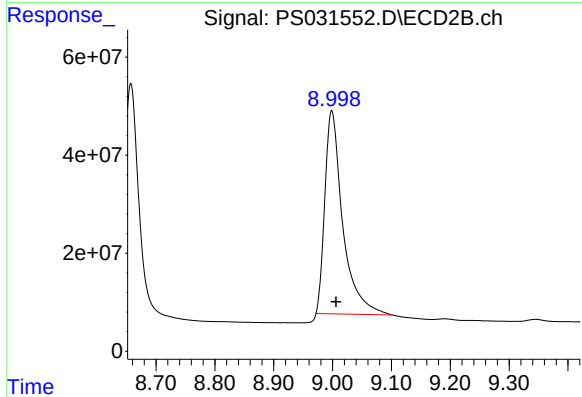
HSTDCCC750

Manual Integrations

APPROVED

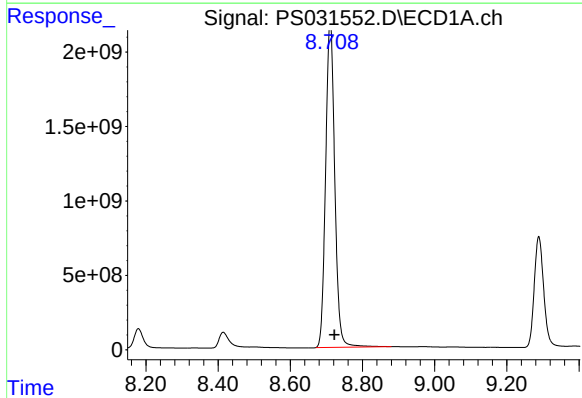
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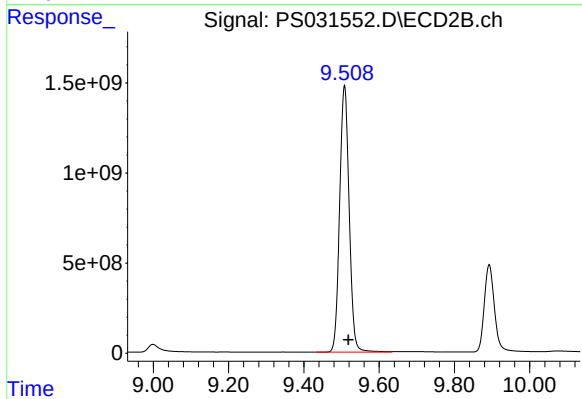
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.007 min
Response: 875637971
Conc: 613.50 ng/ml



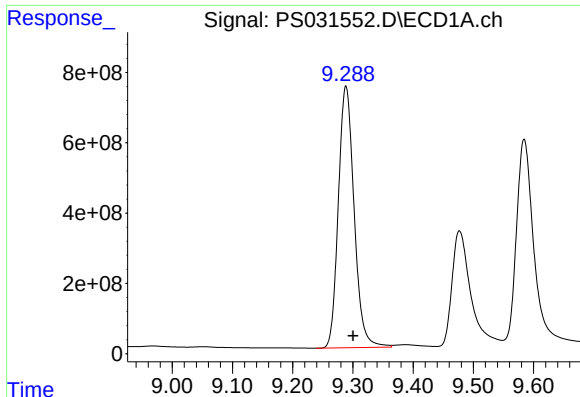
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 38190965139
Conc: 795.44 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.011 min
Response: 25984559520
Conc: 746.07 ng/ml



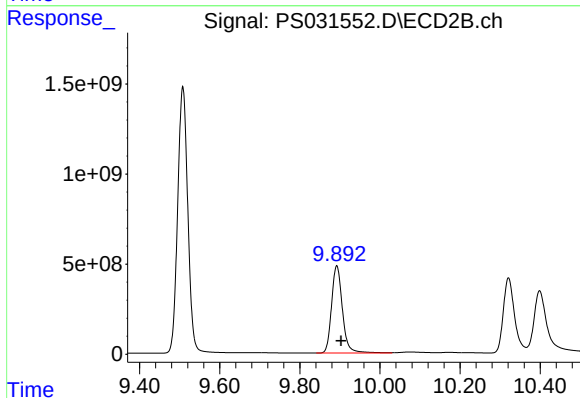
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 13541574227
Conc: 755.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

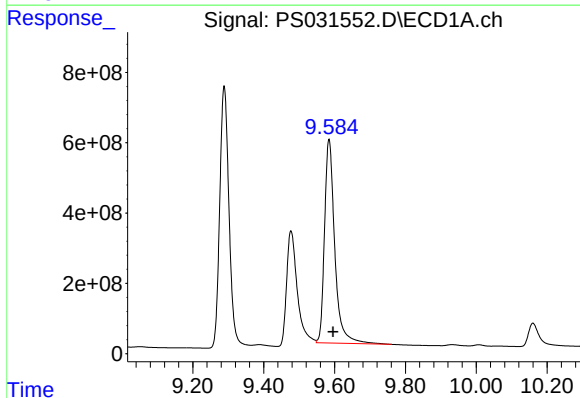
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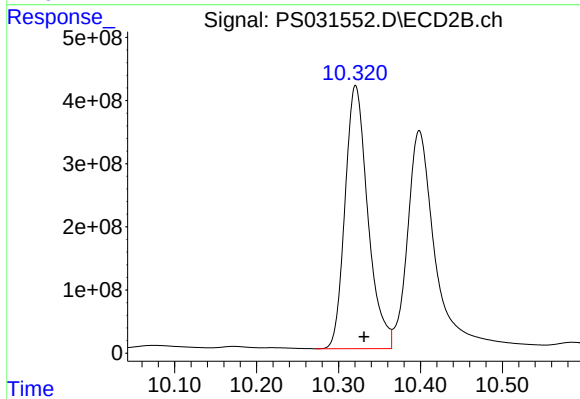
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 9136633504
Conc: 696.60 ng/ml



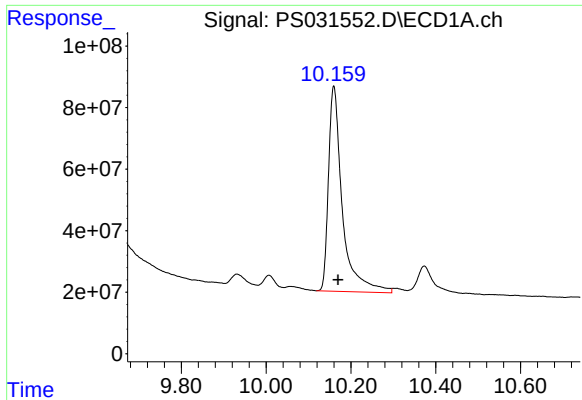
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.011 min
Response: 11642365170
Conc: 794.63 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: -0.010 min
Response: 8068273617
Conc: 681.46 ng/ml



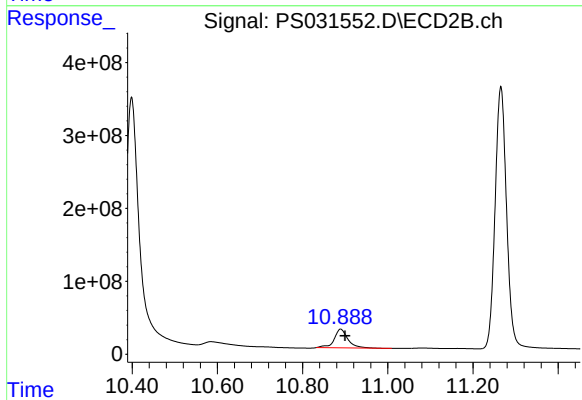
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 1517577144
Conc: 789.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

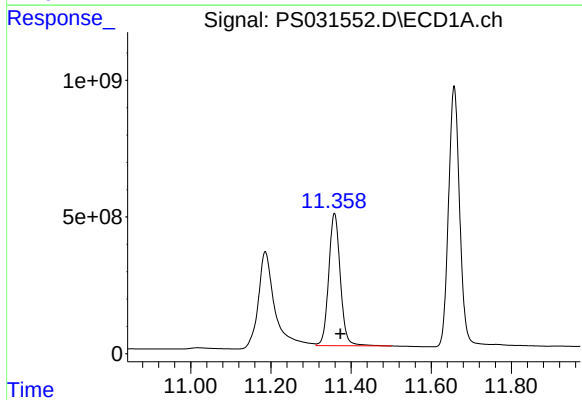
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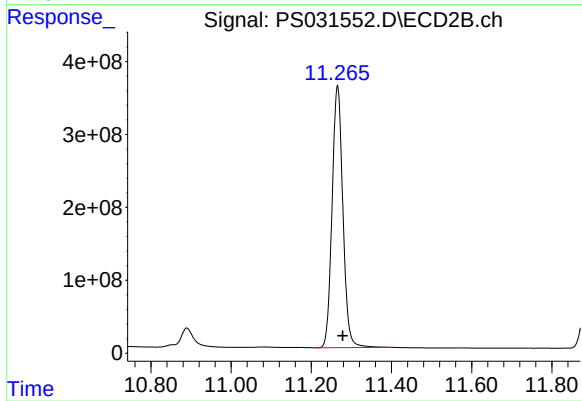
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.010 min
Response: 575344879
Conc: 596.31 ng/ml



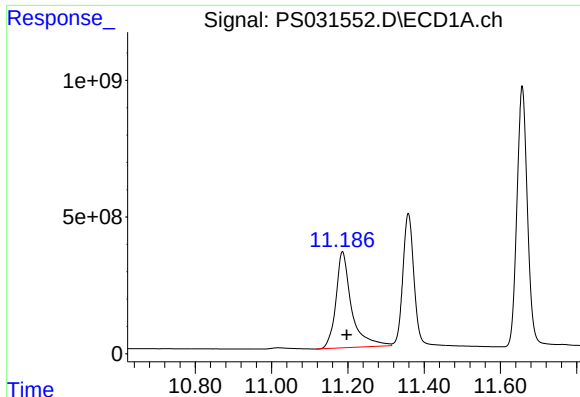
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: -0.015 min
Response: 9757315465
Conc: 769.60 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 6721923781
Conc: 710.79 ng/ml



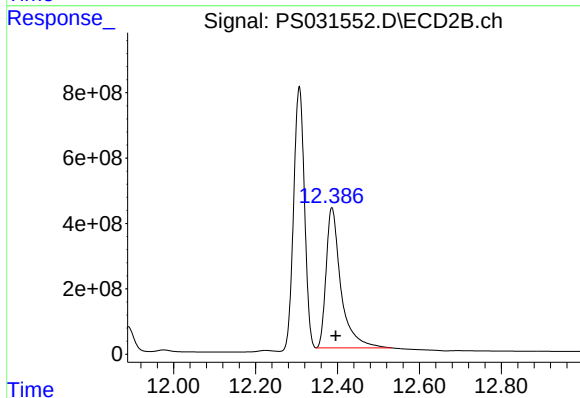
#15 Picloram

R.T.: 11.186 min
Delta R.T.: -0.011 min
Response: 9957457826
Conc: 762.78 ng/ml

Instrument :
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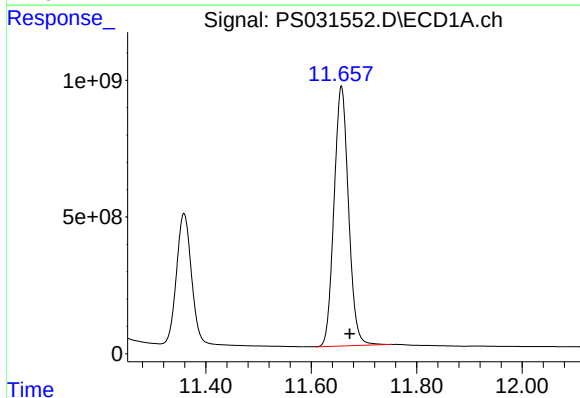
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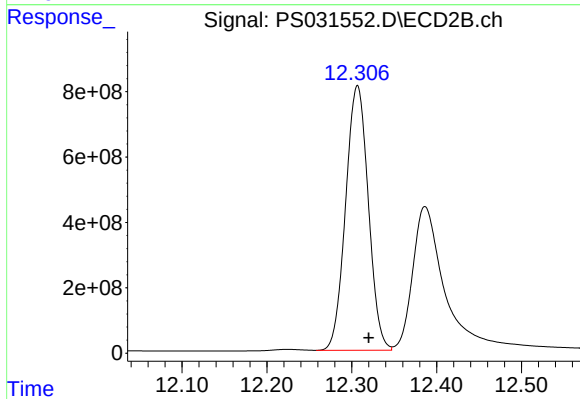
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.009 min
Response: 10748557638
Conc: 613.16 ng/ml



#16 DCPA

R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 18118512196
Conc: 795.39 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.013 min
Response: 15050472061
Conc: 763.97 ng/ml m