

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082725\
 Data File : PS031556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2025 17:00
 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 01:37:14 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	7.286	7.743	2372.7E6	581.7E6	747.558	688.110
Target Compounds							
1) T	Dalapon	2.674	2.692	3038.0E6	1488.1E6	578.777	559.242
2) T	3,5-DICHL...	6.454	6.694	3342.1E6	902.2E6	708.326	667.350m
3) T	4-Nitroph...	7.095	7.294	738.9E6	735.1E6	716.225m	584.838
5) T	DICAMBA	7.471	7.939	9574.2E6	3825.1E6	685.513	673.122
6) T	MCPD	7.649	8.036	601.3E6	128.9E6	74.749m	72.923m
7) T	MCPA	7.798	8.283	724.4E6	178.6E6	72.721	63.670
8) T	DICHLORPROP	8.179	8.659	2214.1E6	888.0E6	697.934	665.175
9) T	2,4-D	8.415	9.001	2102.7E6	890.1E6	730.898	623.663
10) T	Pentachlo...	8.711	9.509	37559.0E6	26015.5E6	782.277	746.963
11) T	2,4,5-TP ...	9.288	9.894	13294.3E6	9137.3E6	741.718	696.652
12) T	2,4,5-T	9.584	10.323	11278.5E6	8065.7E6	769.796	681.240
13) T	2,4-DB	10.159	10.890	1300.6E6	589.2E6	676.810m	610.678m
14) T	DINOSEB	11.359	11.267	9659.4E6	6740.0E6	761.871	712.703
15) T	Picloram	11.187	12.389	8999.1E6	10756.9E6	689.364m	613.639
16) T	DCPA	11.657	12.308	17813.1E6	14986.2E6	781.984m	760.703m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

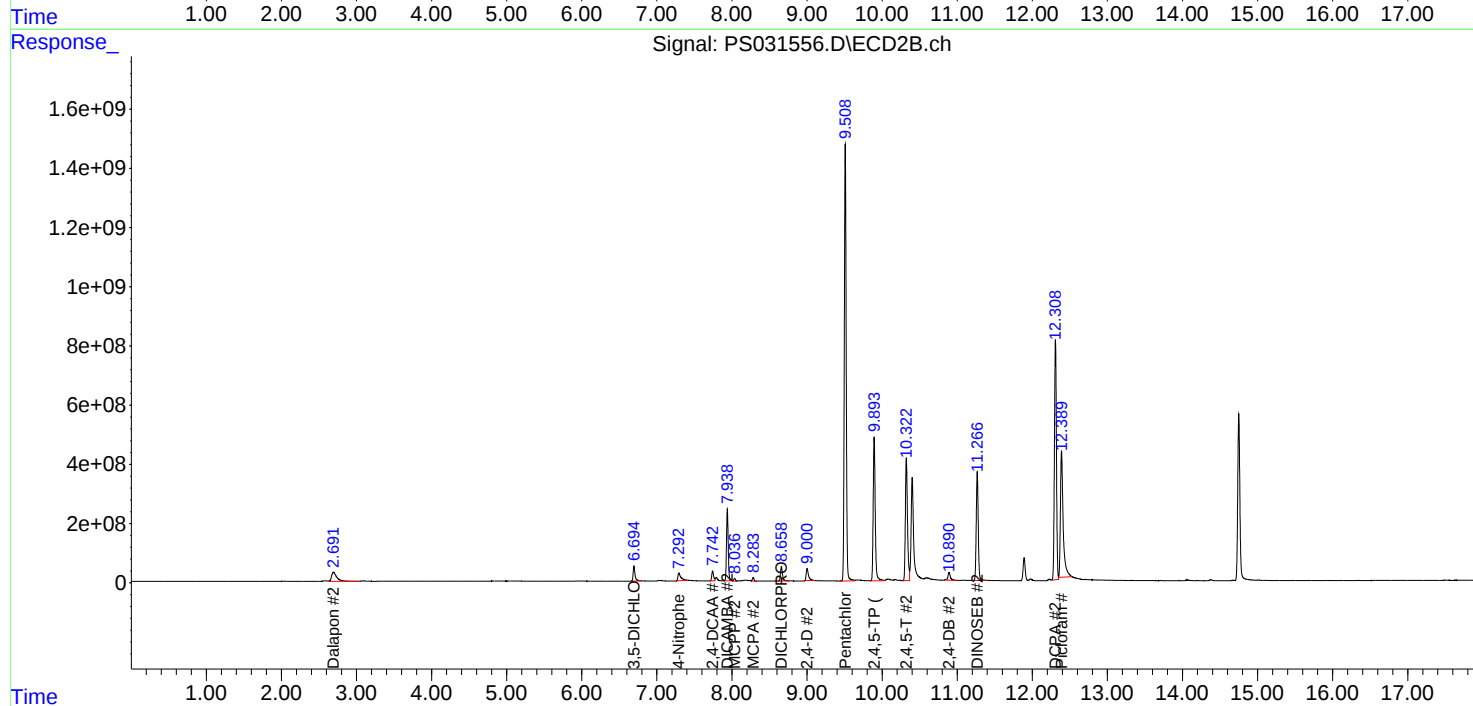
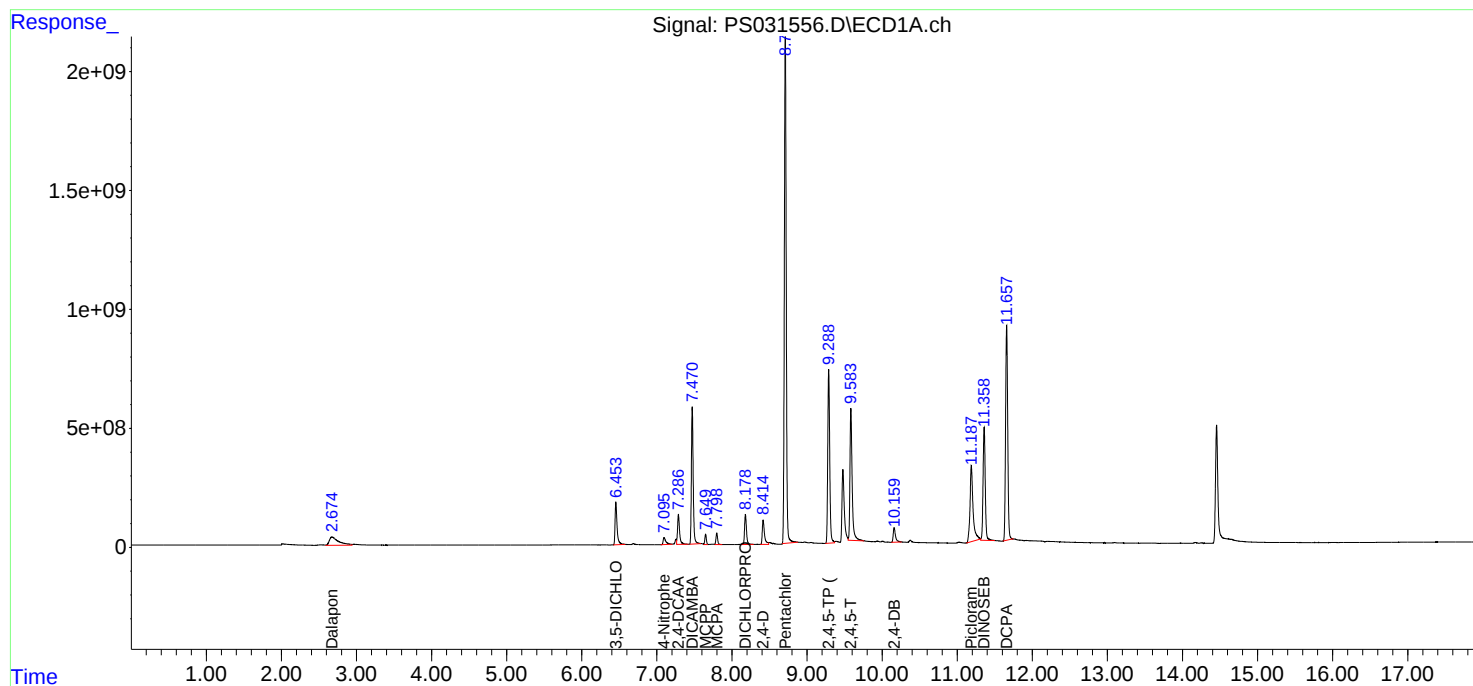
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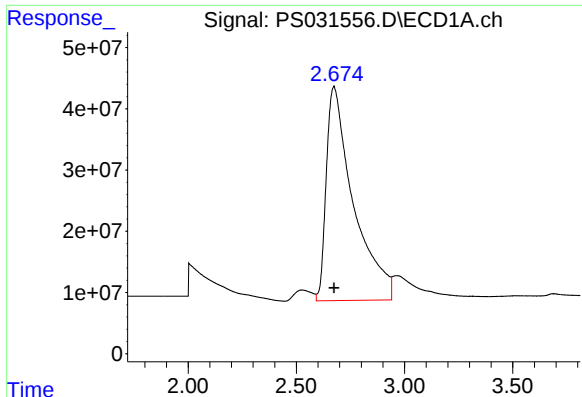
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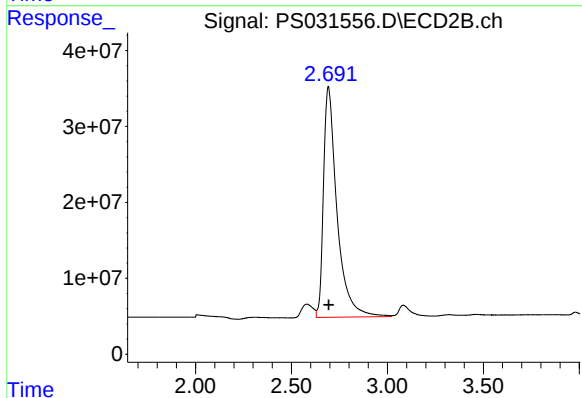
#1 Dalapon

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 3037964494
Conc: 578.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

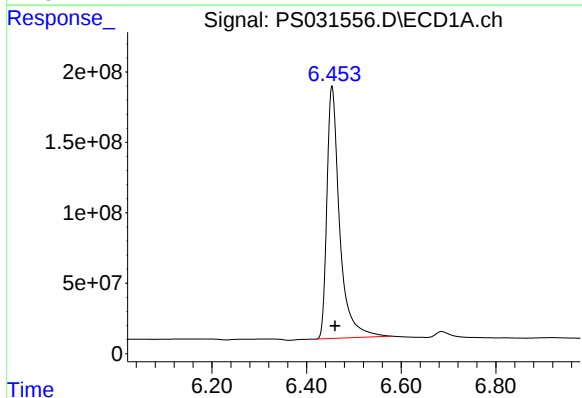
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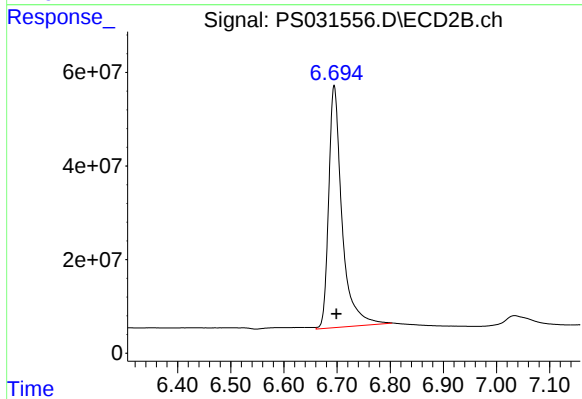
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1488149109
Conc: 559.24 ng/ml



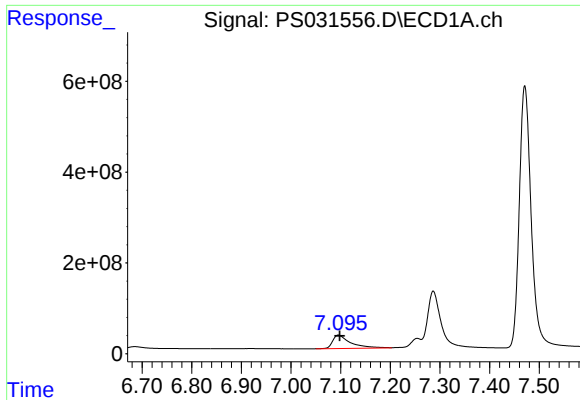
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 3342103648
Conc: 708.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 902210647
Conc: 667.35 ng/ml m



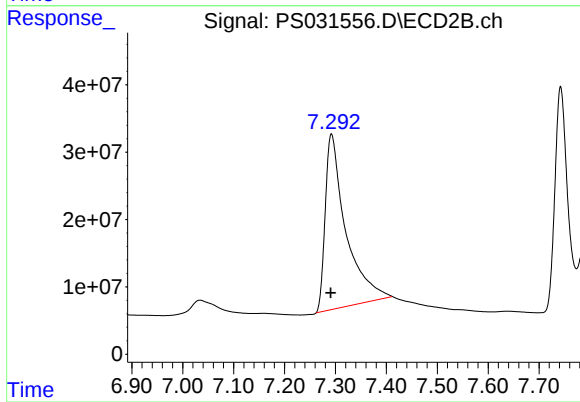
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 738914799
Conc: 716.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

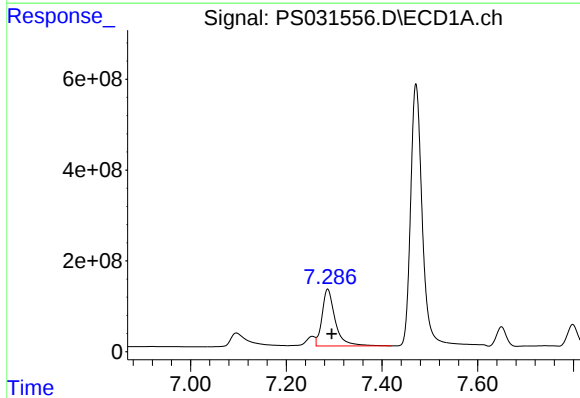
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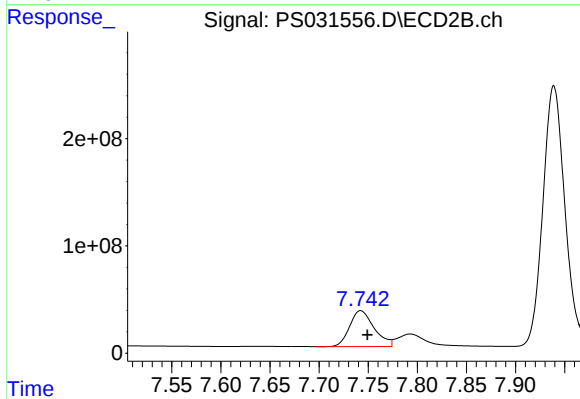
#3 4-Nitrophenol

R.T.: 7.294 min
Delta R.T.: 0.003 min
Response: 735077115
Conc: 584.84 ng/ml



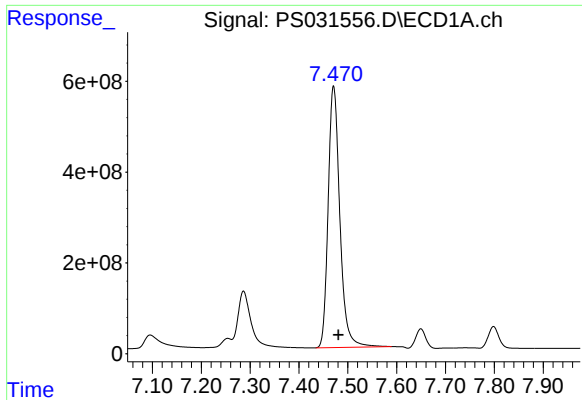
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.008 min
Response: 2372739758
Conc: 747.56 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 581686438
Conc: 688.11 ng/ml



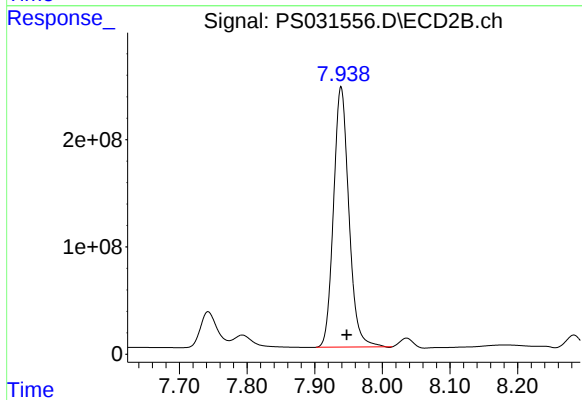
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 9574200853
Conc: 685.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

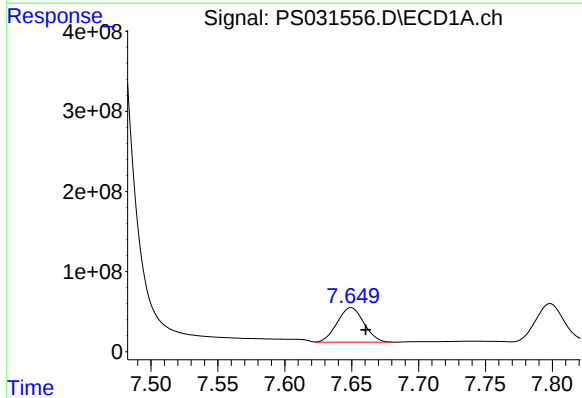
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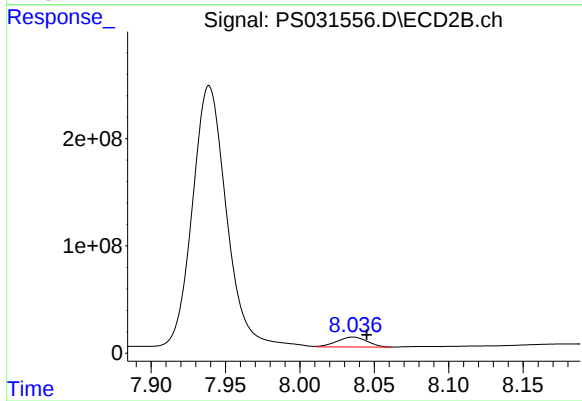
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 3825140551
Conc: 673.12 ng/ml



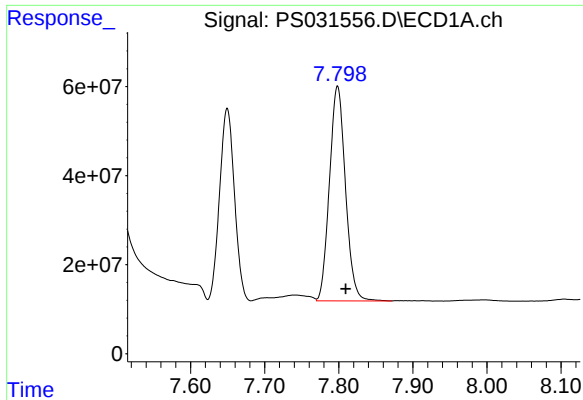
#6 MCP

R.T.: 7.649 min
Delta R.T.: -0.011 min
Response: 601348275
Conc: 74.75 ug/ml m



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.009 min
Response: 128916155
Conc: 72.92 ug/ml m



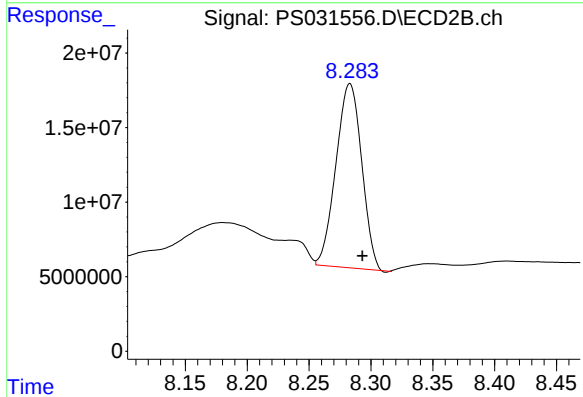
#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 724395755
Conc: 72.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

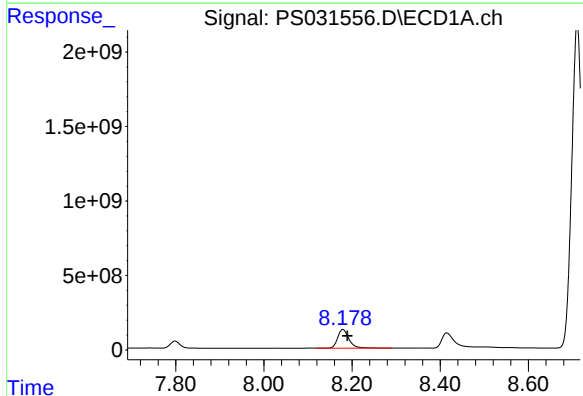
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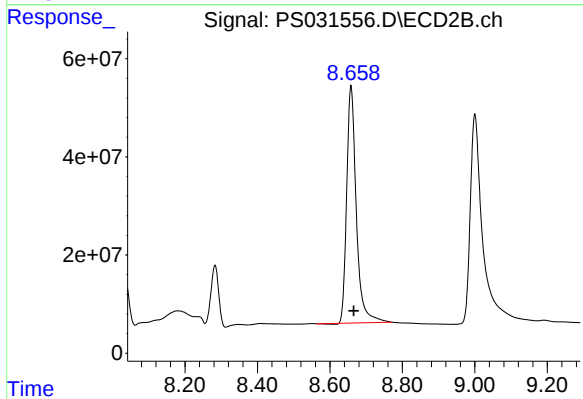
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 178627267
Conc: 63.67 ug/ml



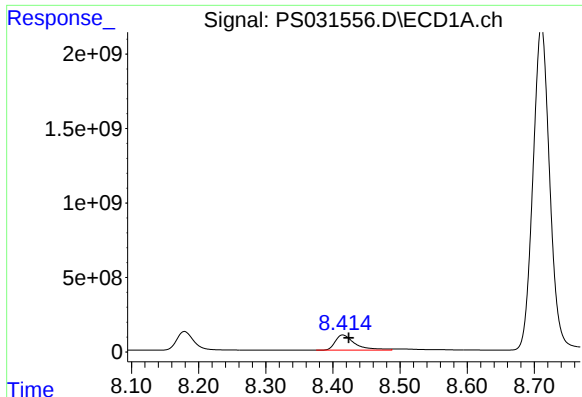
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 2214147056
Conc: 697.93 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 888030349
Conc: 665.17 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 2102658904
Conc: 730.90 ng/ml

Instrument :

ECD_S

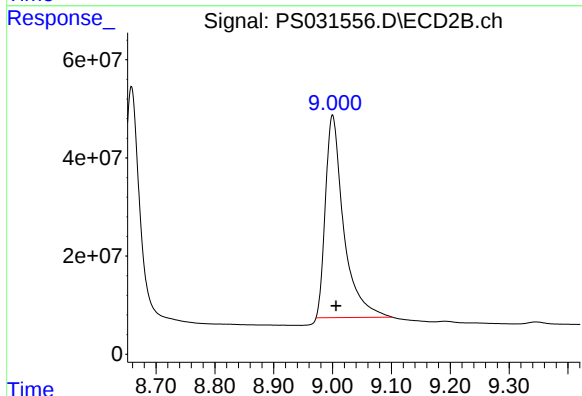
ClientSampleId :

HSTDCCC750

Manual Integrations

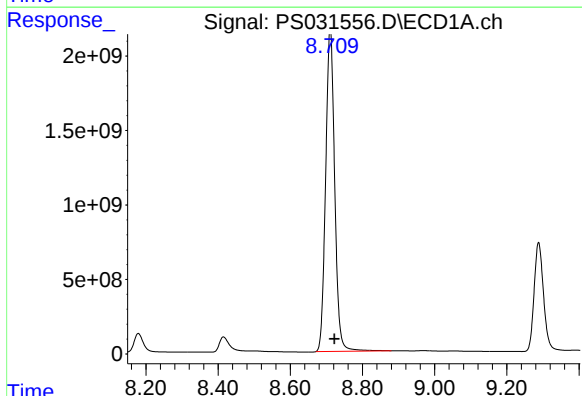
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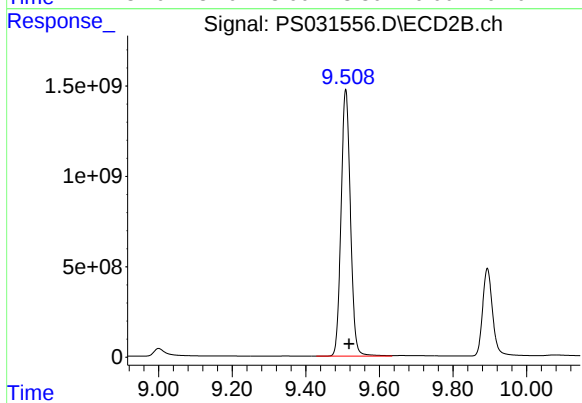
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 890146637
Conc: 623.66 ng/ml



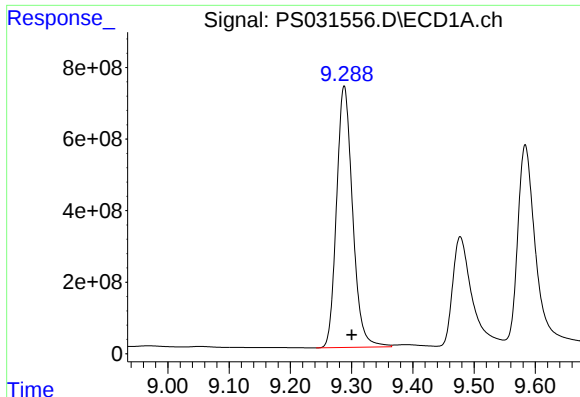
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.012 min
Response: 37558993644
Conc: 782.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.010 min
Response: 26015535955
Conc: 746.96 ng/ml



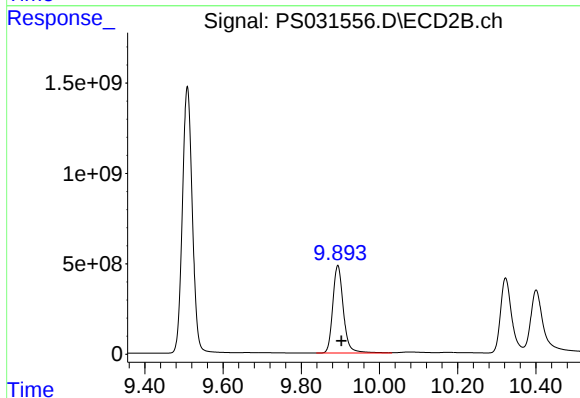
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 13294347294
Conc: 741.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
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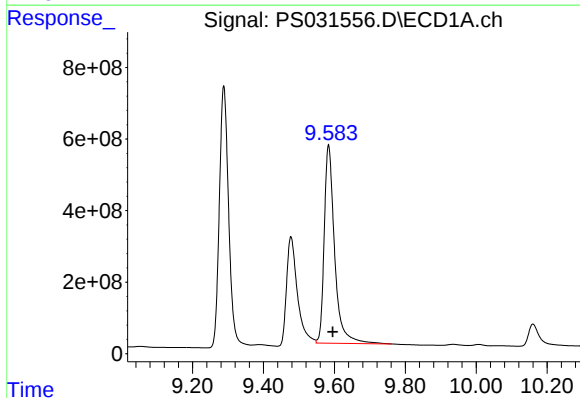
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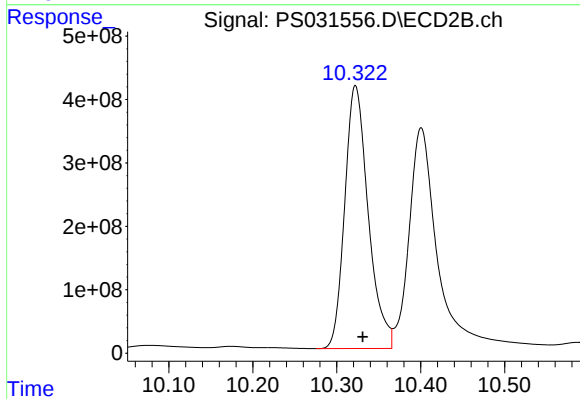
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.009 min
Response: 9137307785
Conc: 696.65 ng/ml



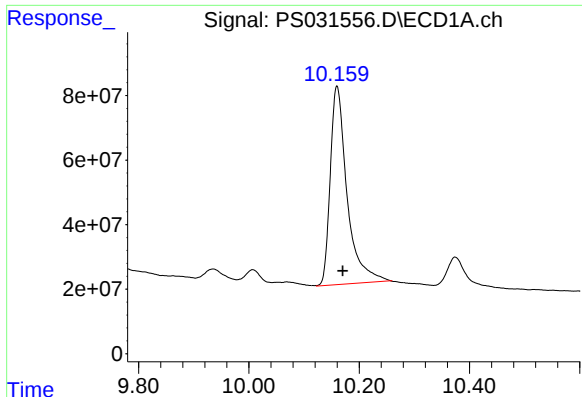
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.012 min
Response: 11278462998
Conc: 769.80 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 8065726403
Conc: 681.24 ng/ml



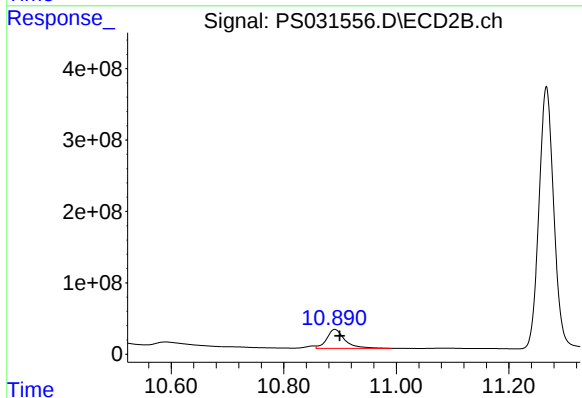
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 1300640692
Conc: 676.81 ng/ml

Instrument :
ECD_S
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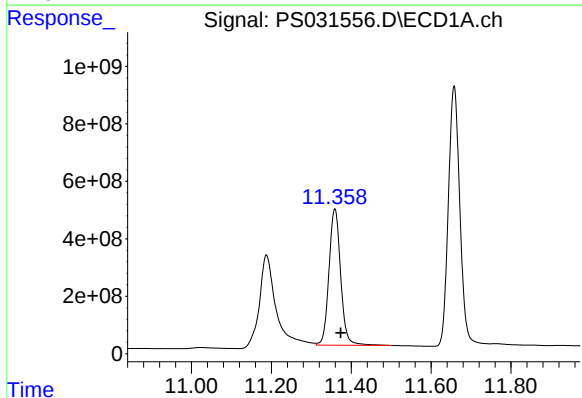
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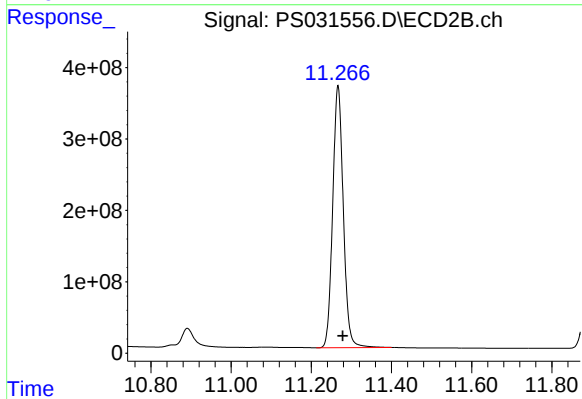
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 589210719
Conc: 610.68 ng/ml m



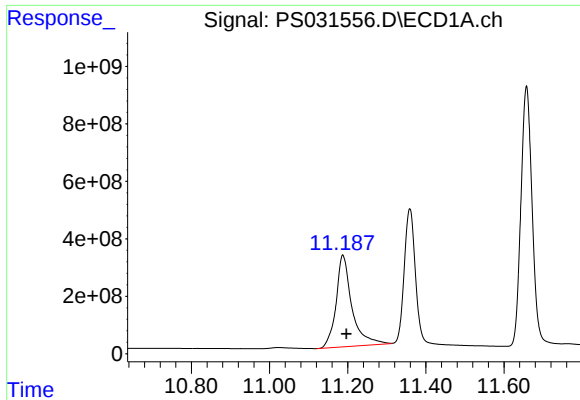
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: -0.014 min
Response: 9659358278
Conc: 761.87 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.012 min
Response: 6739997859
Conc: 712.70 ng/ml



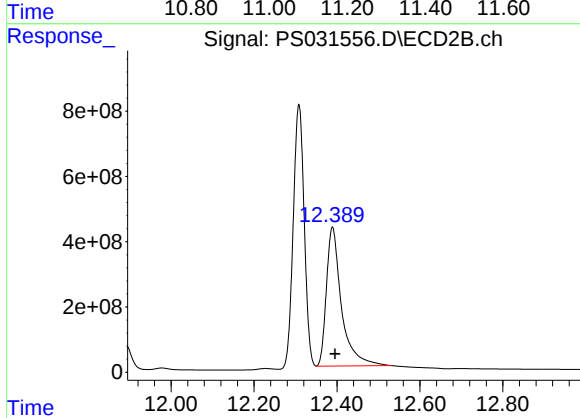
#15 Picloram

R.T.: 11.187 min
Delta R.T.: -0.010 min
Response: 8999060987
Conc: 689.36 ng/ml

Instrument :
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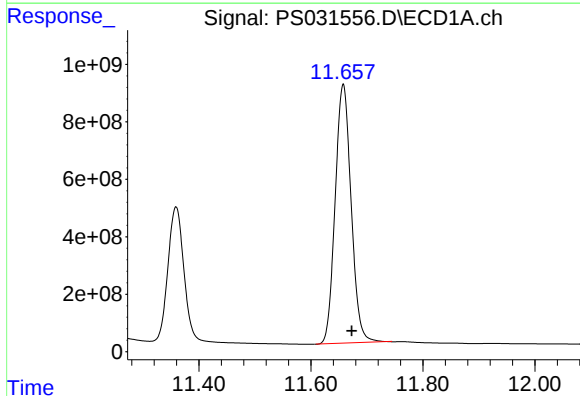
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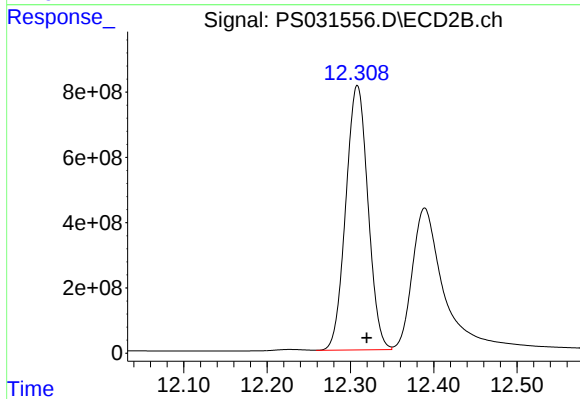
#15 Picloram

R.T.: 12.389 min
Delta R.T.: -0.006 min
Response: 10756920010
Conc: 613.64 ng/ml



#16 DCPA

R.T.: 11.657 min
Delta R.T.: -0.015 min
Response: 17813055772
Conc: 781.98 ng/ml m



#16 DCPA

R.T.: 12.308 min
Delta R.T.: -0.012 min
Response: 14986154944
Conc: 760.70 ng/ml m