

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080125\
 Data File : PS031350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 19:06
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/04/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 23:35:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.302	7.755	2023.4E6	532.3E6	694.502	637.377
Target Compounds							
1) T	Dalapon	2.683	2.700	2870.3E6	1404.1E6	594.934	571.675
2) T	3,5-DICHL...	6.466	6.704	2822.8E6	784.1E6	662.163m	606.757
3) T	4-Nitroph...	7.104	7.295	720.9E6	737.2E6	708.048	571.076
5) T	DICAMBA	7.488	7.954	7960.5E6	3245.3E6	616.107m	598.677m
6) T	MCPD	7.669	8.052	539.5E6	118.2E6	67.076m	69.119m
7) T	MCPA	7.818	8.300	647.9E6	165.8E6	66.280	63.906
8) T	DICHLORPROP	8.198	8.673	1909.0E6	772.6E6	627.942	594.279
9) T	2,4-D	8.430	9.012	1793.4E6	844.7E6	691.557	605.286
10) T	Pentachlo...	8.729	9.526	31220.3E6	21414.5E6	686.480m	639.307
11) T	2,4,5-TP ...	9.310	9.911	11315.1E6	7772.9E6	679.128	611.904
12) T	2,4,5-T	9.604	10.339	9907.7E6	7155.7E6	744.896	613.450
13) T	2,4-DB	10.180	10.907	1336.9E6	578.1E6	765.152	598.580
14) T	DINOSEB	11.385	11.288	7900.8E6	5578.6E6	689.207	597.281m
15) T	Picloram	11.206	12.405	8478.2E6	10517.6E6	724.039m	615.249
16) T	DCPA	11.684	12.331	15112.9E6	11931.7E6	728.819m	639.709m

(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

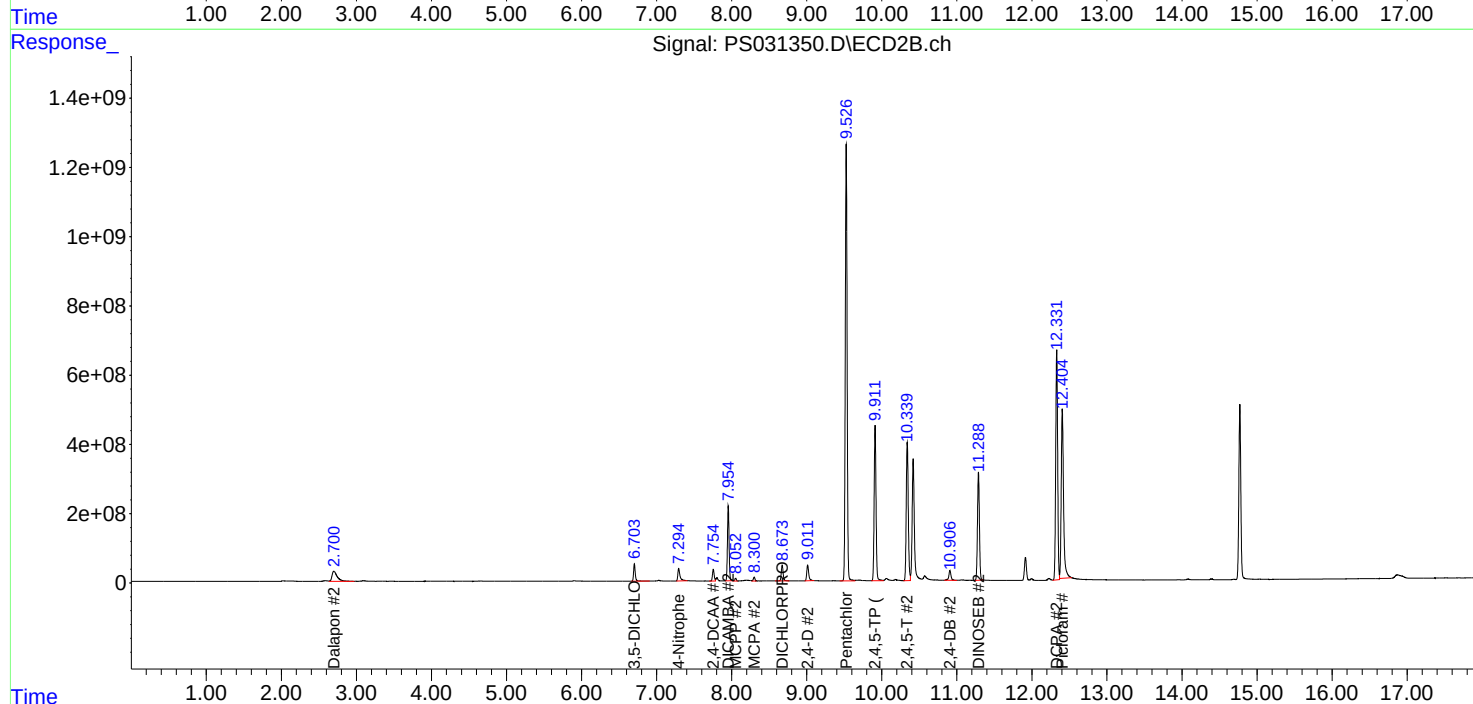
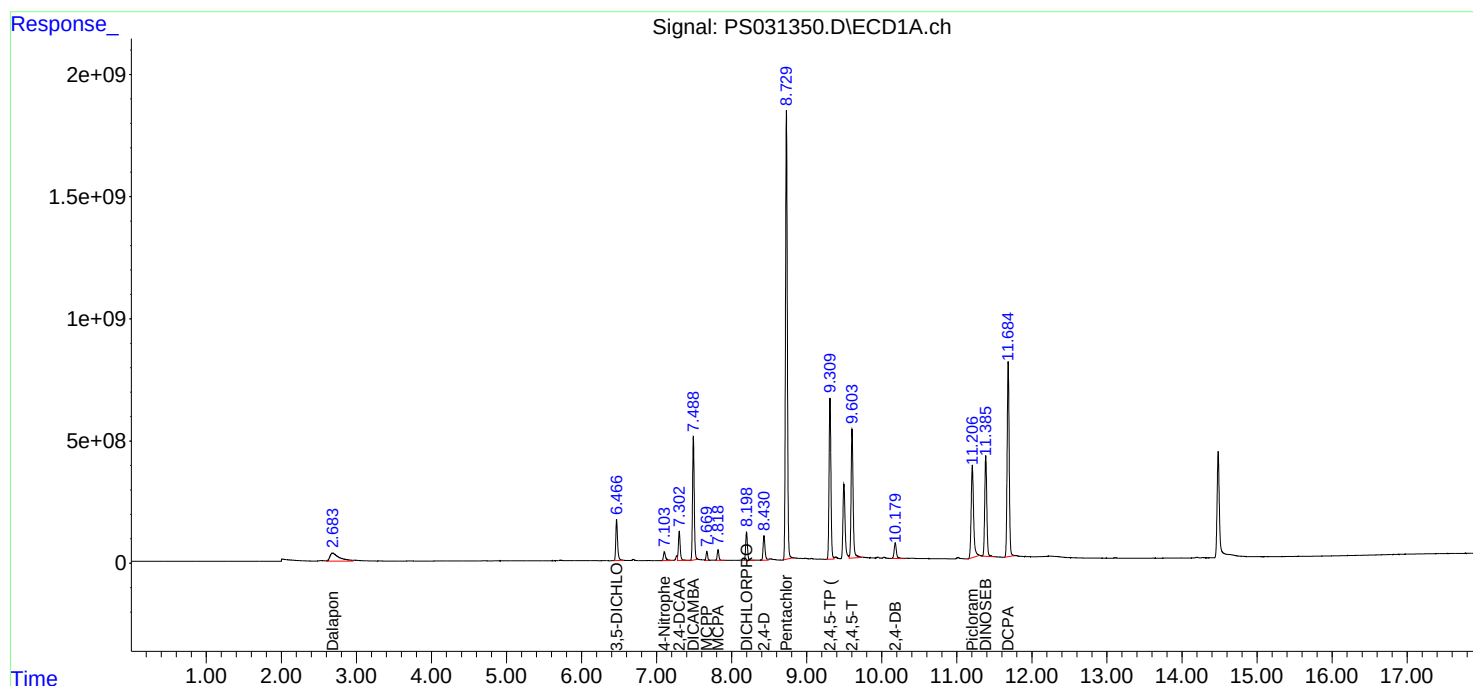
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

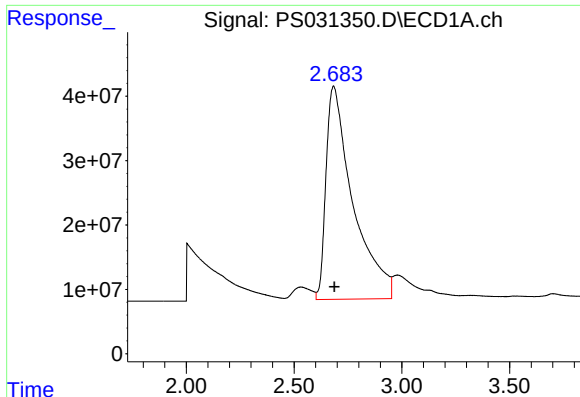
Manual Integrations
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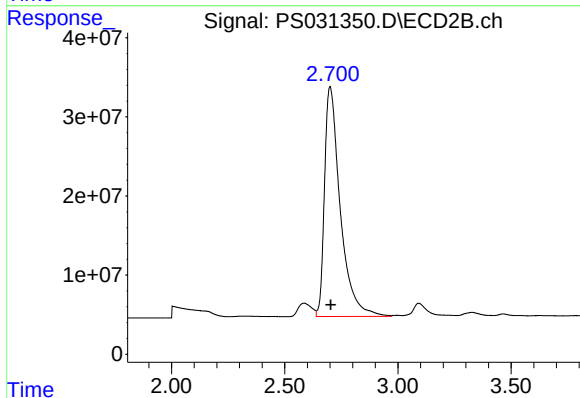
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.004 min
Response: 2870294501
Conc: 594.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

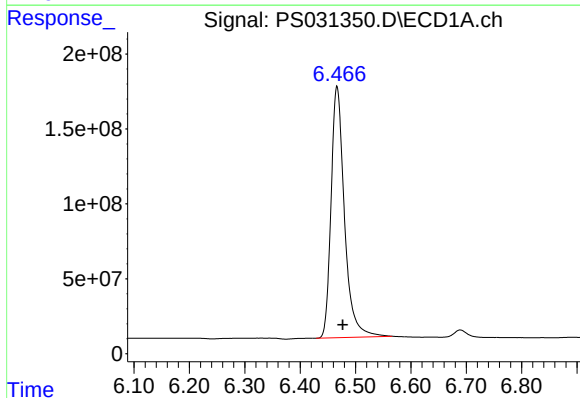
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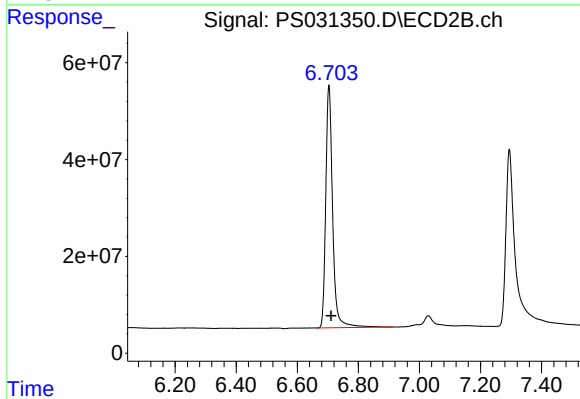
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: -0.003 min
Response: 1404139391
Conc: 571.67 ng/ml



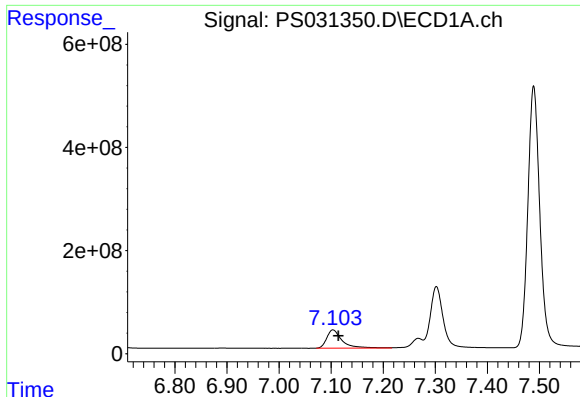
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.466 min
Delta R.T.: -0.011 min
Response: 2822758088
Conc: 662.16 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 784094697
Conc: 606.76 ng/ml



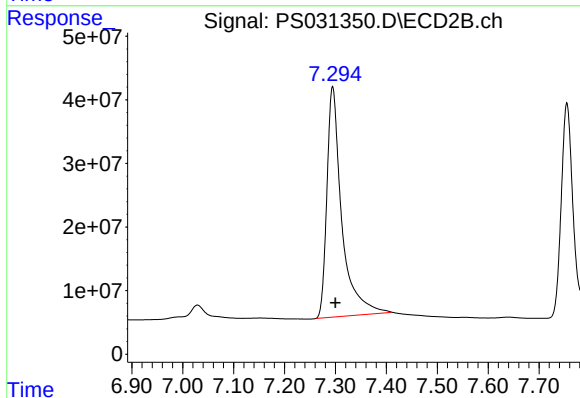
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: -0.011 min
Response: 720935624
Conc: 708.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

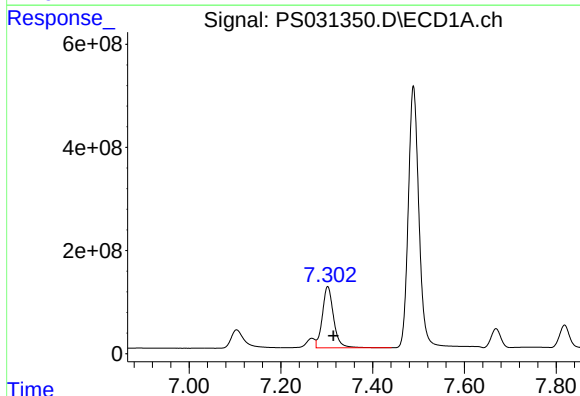
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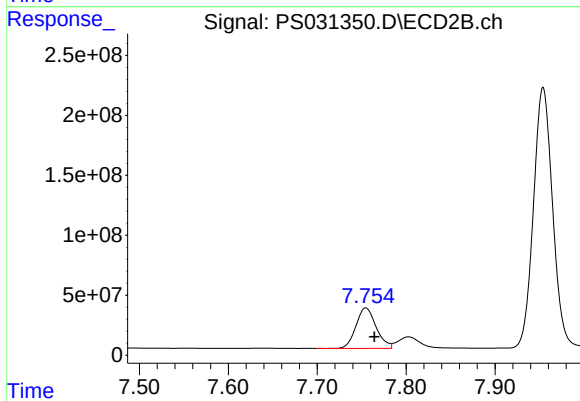
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 737208763
Conc: 571.08 ng/ml



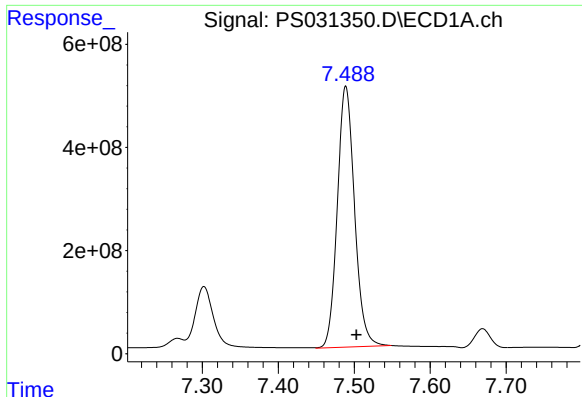
#4 2,4-DCAA

R.T.: 7.302 min
Delta R.T.: -0.013 min
Response: 2023365481
Conc: 694.50 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: -0.010 min
Response: 532261092
Conc: 637.38 ng/ml



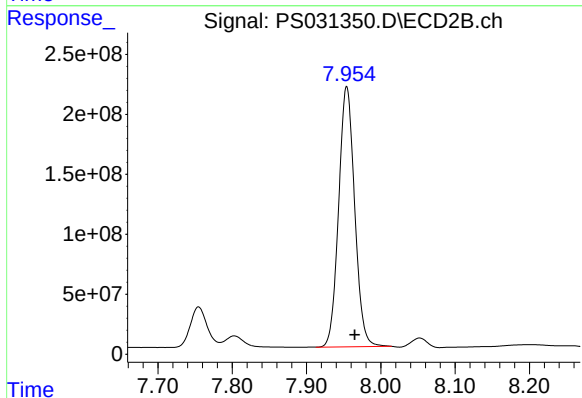
#5 DICAMBA

R.T.: 7.488 min
Delta R.T.: -0.014 min
Response: 7960468054
Conc: 616.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

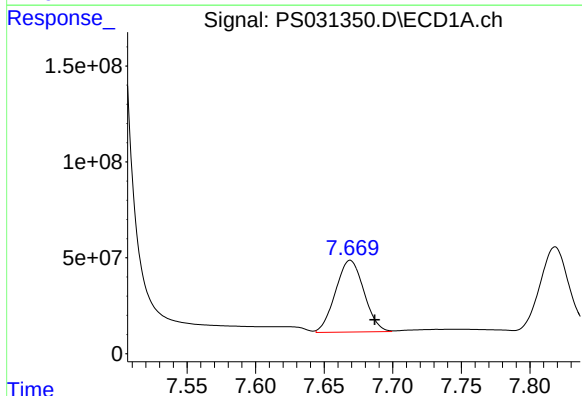
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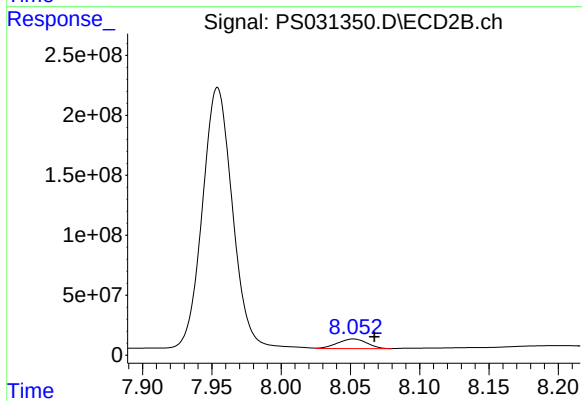
#5 DICAMBA

R.T.: 7.954 min
Delta R.T.: -0.011 min
Response: 3245337595
Conc: 598.68 ng/ml m



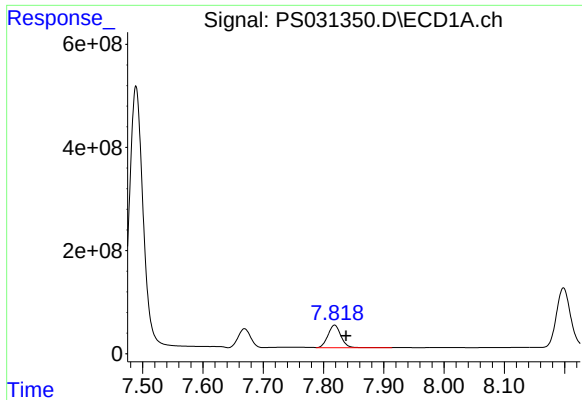
#6 MCP

R.T.: 7.669 min
Delta R.T.: -0.018 min
Response: 539475057
Conc: 67.08 ug/ml m



#6 MCP

R.T.: 8.052 min
Delta R.T.: -0.015 min
Response: 118151183
Conc: 69.12 ug/ml m



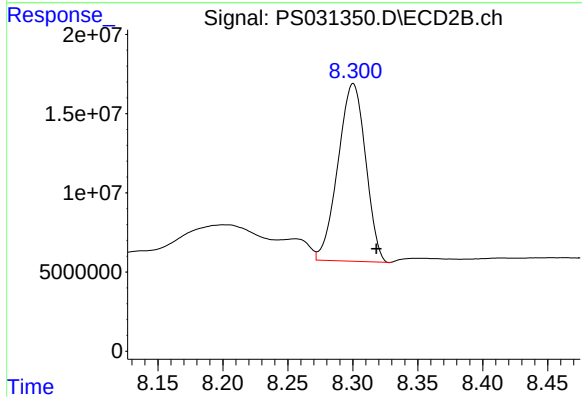
#7 MCPA

R.T.: 7.818 min
Delta R.T.: -0.019 min
Response: 647947782
Conc: 66.28 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

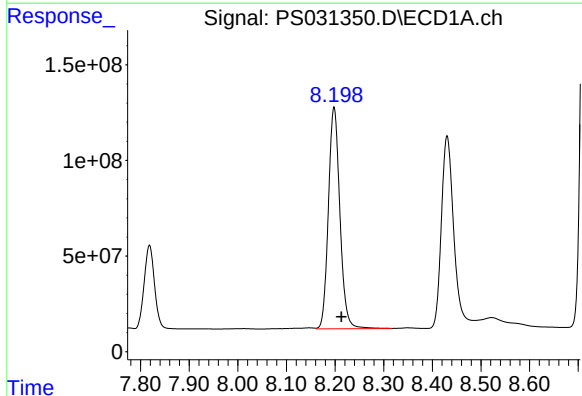
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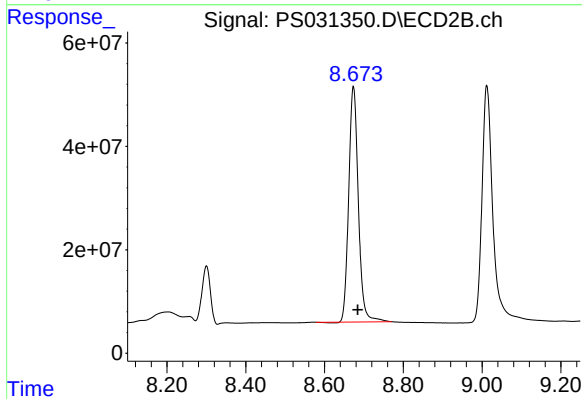
#7 MCPA

R.T.: 8.300 min
Delta R.T.: -0.018 min
Response: 165769186
Conc: 63.91 ug/ml



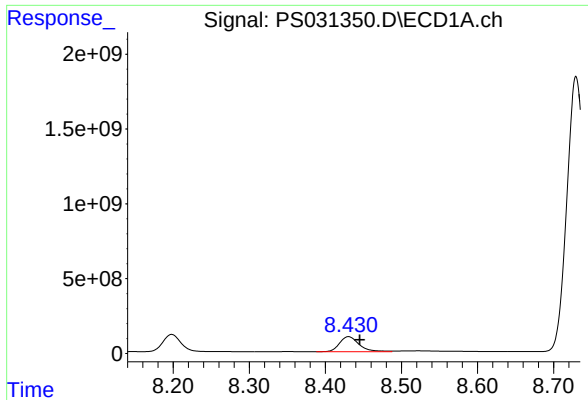
#8 DICHLORPROP

R.T.: 8.198 min
Delta R.T.: -0.015 min
Response: 1908950559
Conc: 627.94 ng/ml



#8 DICHLORPROP

R.T.: 8.673 min
Delta R.T.: -0.011 min
Response: 772596888
Conc: 594.28 ng/ml



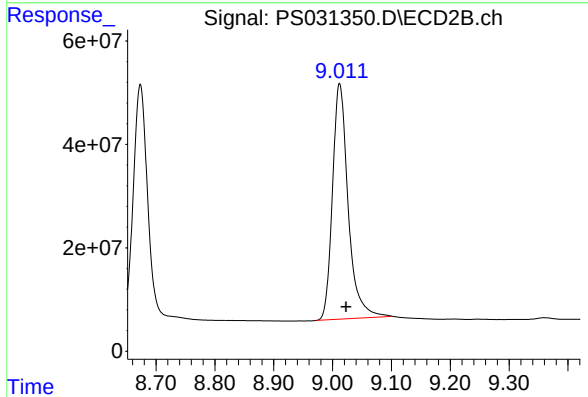
#9 2,4-D

R.T.: 8.430 min
Delta R.T.: -0.015 min
Response: 1793441440
Conc: 691.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

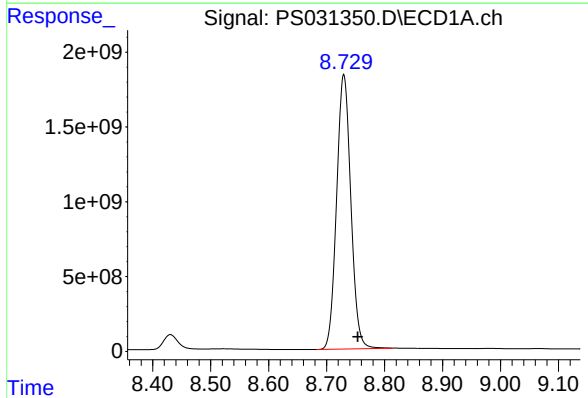
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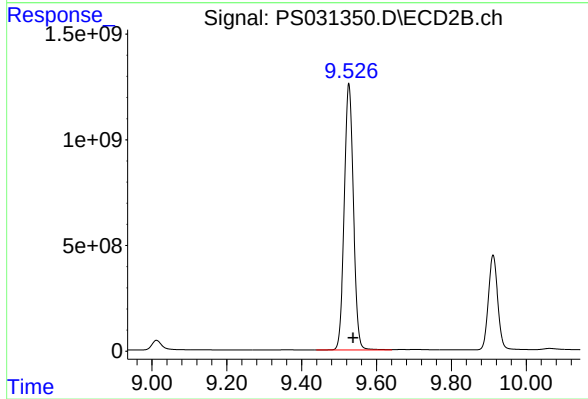
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: -0.011 min
Response: 844695428
Conc: 605.29 ng/ml



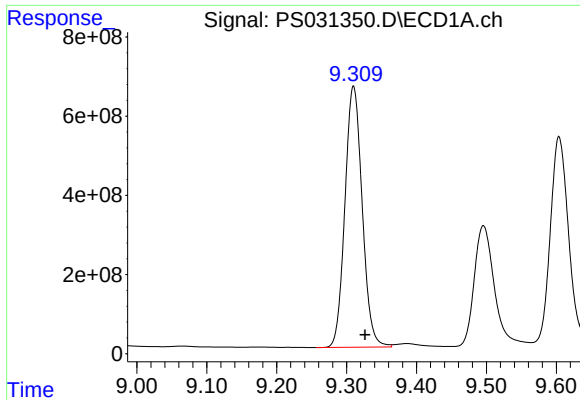
#10 Pentachlorophenol

R.T.: 8.729 min
Delta R.T.: -0.025 min
Response: 31220252426
Conc: 686.48 ng/ml m



#10 Pentachlorophenol

R.T.: 9.526 min
Delta R.T.: -0.011 min
Response: 21414476887
Conc: 639.31 ng/ml



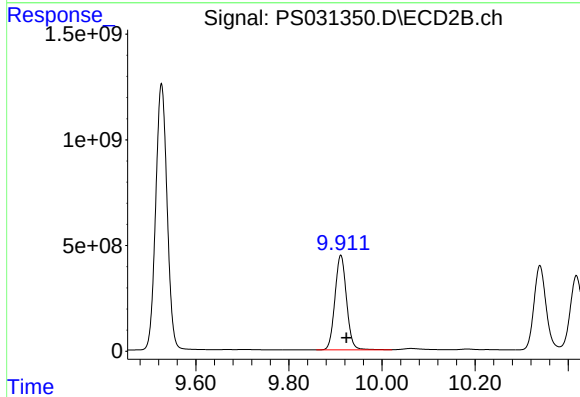
#11 2,4,5-TP (SILVEX)

R.T.: 9.310 min
Delta R.T.: -0.016 min
Response: 11315122947
Conc: 679.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

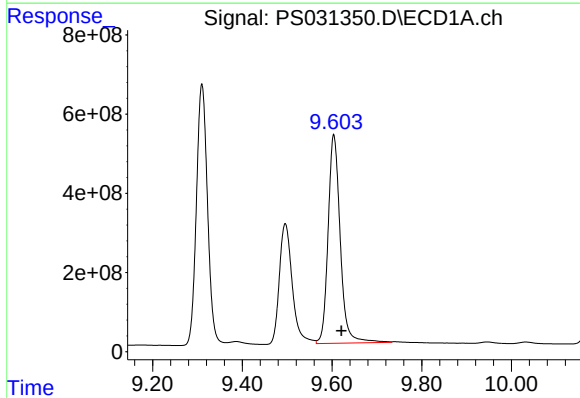
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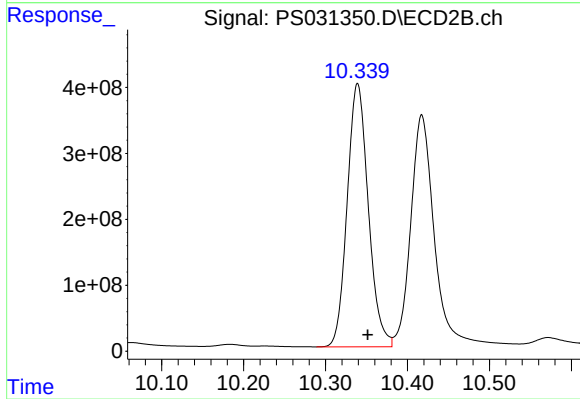
#11 2,4,5-TP (SILVEX)

R.T.: 9.911 min
Delta R.T.: -0.012 min
Response: 7772889493
Conc: 611.90 ng/ml



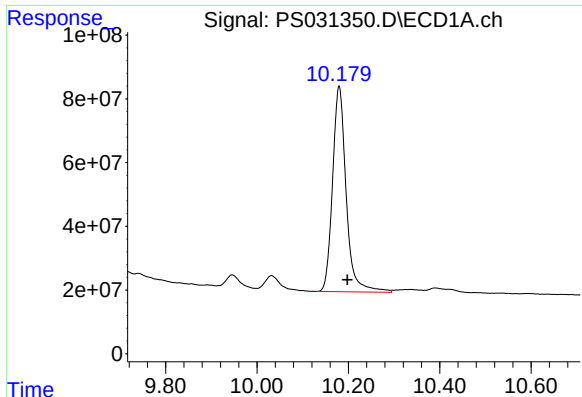
#12 2,4,5-T

R.T.: 9.604 min
Delta R.T.: -0.017 min
Response: 9907659744
Conc: 744.90 ng/ml



#12 2,4,5-T

R.T.: 10.339 min
Delta R.T.: -0.012 min
Response: 7155693875
Conc: 613.45 ng/ml



#13 2,4-DB

R.T.: 10.180 min
Delta R.T.: -0.018 min
Response: 1336914833
Conc: 765.15 ng/ml

Instrument :

ECD_S

ClientSampleId :

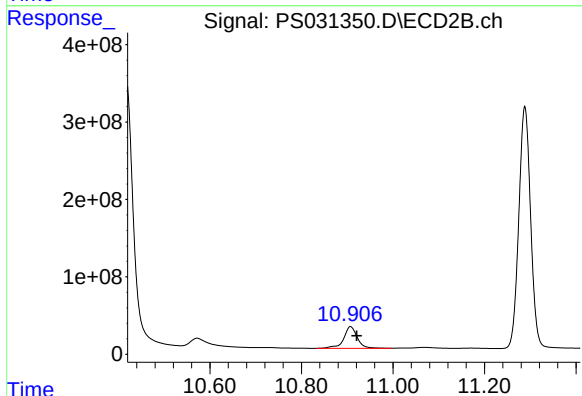
HSTDCCC750

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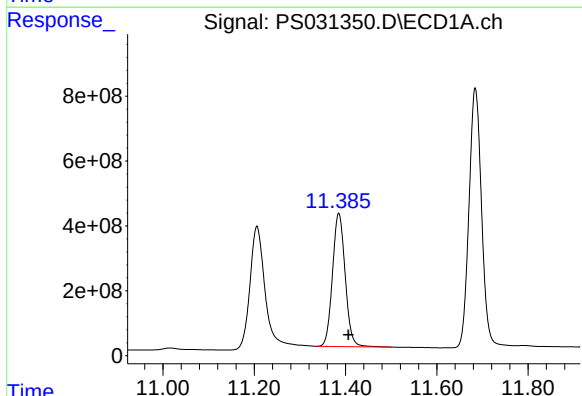
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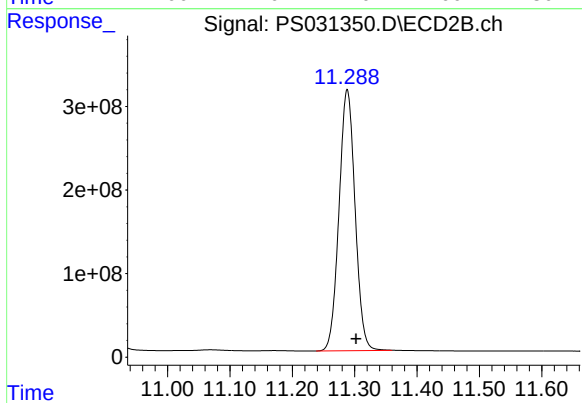
#13 2,4-DB

R.T.: 10.907 min
Delta R.T.: -0.014 min
Response: 578142163
Conc: 598.58 ng/ml



#14 DINOSEB

R.T.: 11.385 min
Delta R.T.: -0.021 min
Response: 7900755297
Conc: 689.21 ng/ml



#14 DINOSEB

R.T.: 11.288 min
Delta R.T.: -0.014 min
Response: 5578561588
Conc: 597.28 ng/ml m

