

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021025\
 Data File : PS029115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 16:34
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/11/2025
 Supervised By : Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 23:04:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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 x 0.5 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	7.186	7.662	1973.3E6	725.0E6	728.169	655.095
Target Compounds							
1) T	Dalapon	2.610	2.658	2158.6E6	1313.7E6	722.725	646.339
2) T	3,5-DICHL...	6.365	6.629	2673.1E6	1000.0E6	684.721	610.255m
3) T	4-Nitroph...	6.984	7.191	1161.6E6	569.8E6	664.351	646.355m
5) T	DICAMBA	7.371	7.857	8179.5E6	3709.3E6	701.634	664.857
6) T	MCP	7.552	7.962	492.2E6	173.7E6	70.635m	57.326
7) T	MCPA	7.701	8.203	666.5E6	242.6E6	67.368	57.086
8) T	DICHLORPROP	8.073	8.568	2118.6E6	895.4E6	685.830	641.636
9) T	2,4-D	8.302	8.895	2212.6E6	915.6E6	671.070	616.358
10) T	Pentachlo...	8.598	9.416	34028.0E6	16364.1E6	749.362	717.597
11) T	2,4,5-TP ...	9.172	9.792	13241.2E6	6558.7E6	710.078	702.318
12) T	2,4,5-T	9.463	10.208	13223.1E6	6142.4E6	706.346m	687.782
13) T	2,4-DB	10.033	10.773	2308.4E6	610.4E6	661.062	613.733
14) T	DINOSEB	11.233	11.149	10770.2E6	4170.2E6	668.239	656.767
15) T	Picloram	11.045	12.230	20102.9E6	8497.1E6	648.704	631.306
16) T	DCPA	11.529	12.187	19884.2E6	8505.3E6	712.925	754.761m

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

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Acq On : 10 Feb 2025 16:34
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

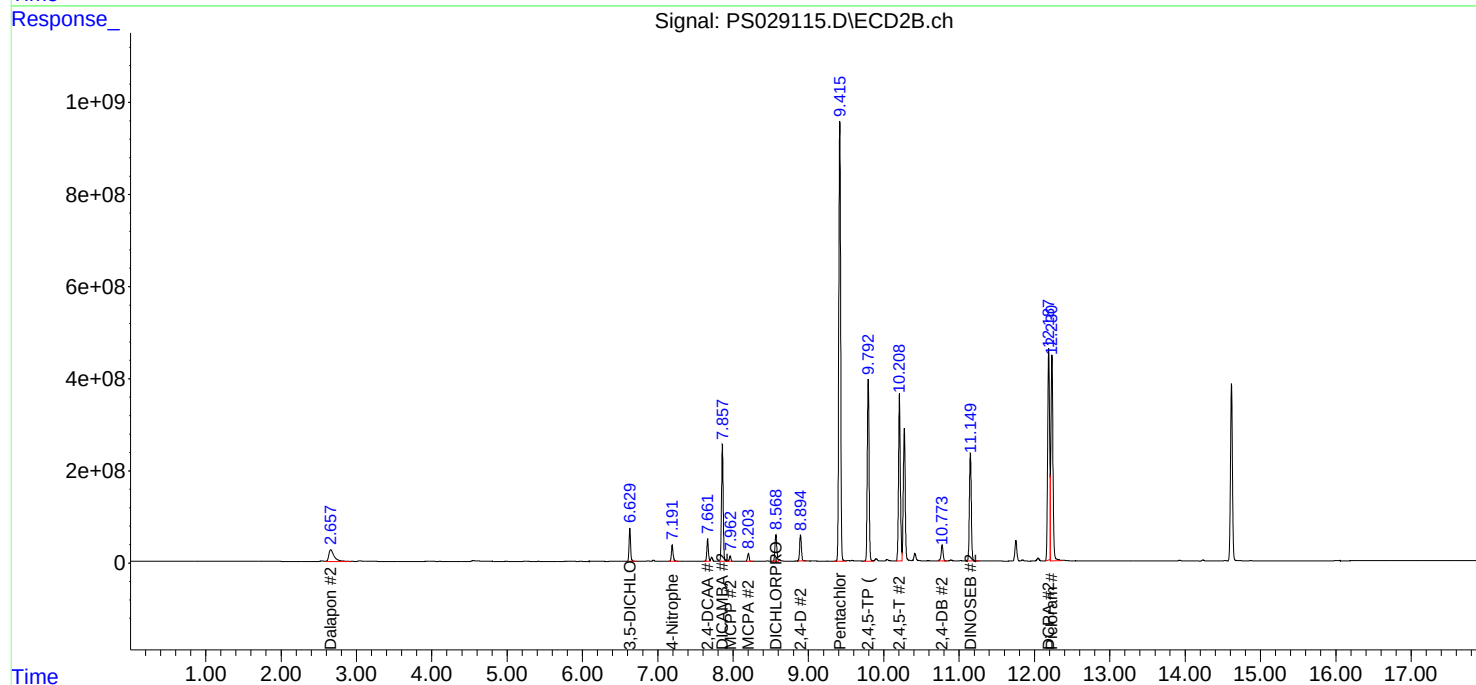
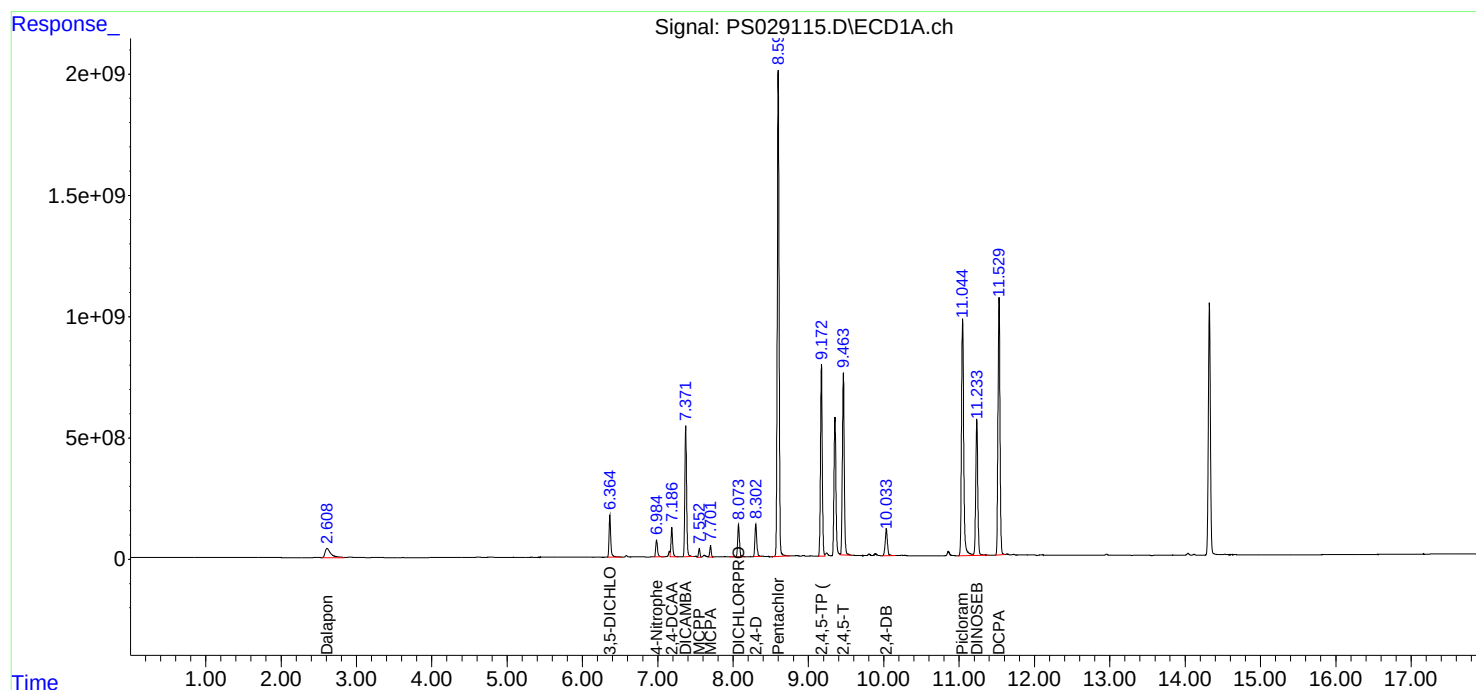
Instrument :
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ClientSampleId :
HSTDCCC750

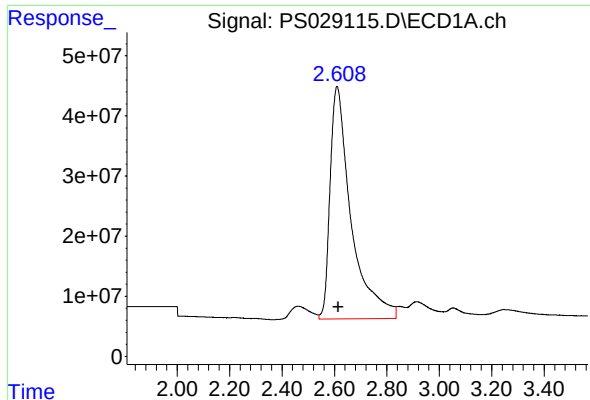
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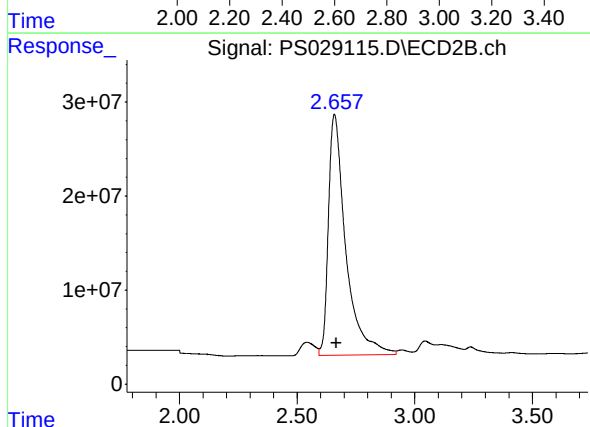
#1 Dalapon

R.T.: 2.610 min
Delta R.T.: -0.005 min
Response: 2158637333
Conc: 722.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

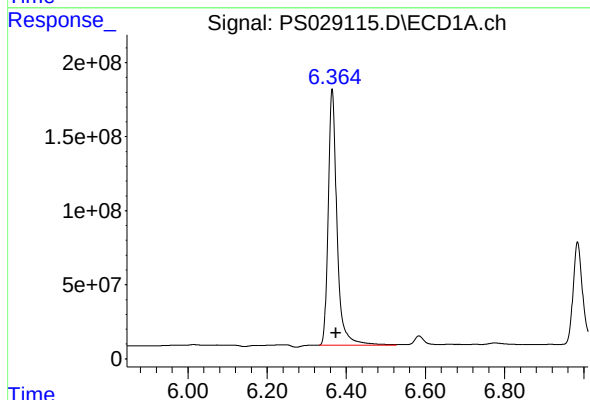
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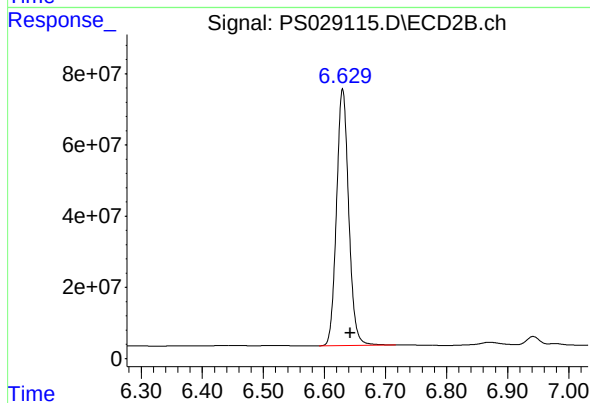
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.009 min
Response: 1313658008
Conc: 646.34 ng/ml



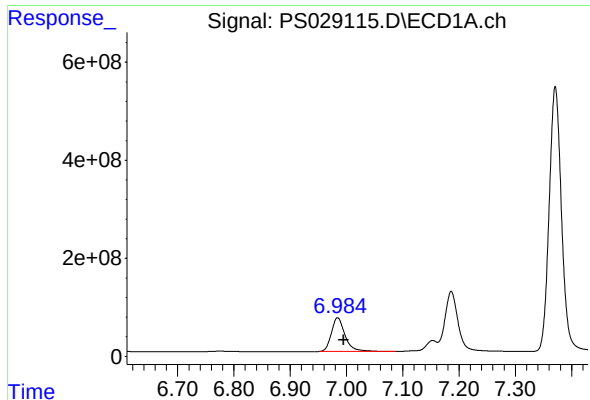
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.365 min
Delta R.T.: -0.010 min
Response: 2673096250
Conc: 684.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.629 min
Delta R.T.: -0.013 min
Response: 999982688
Conc: 610.25 ng/ml m



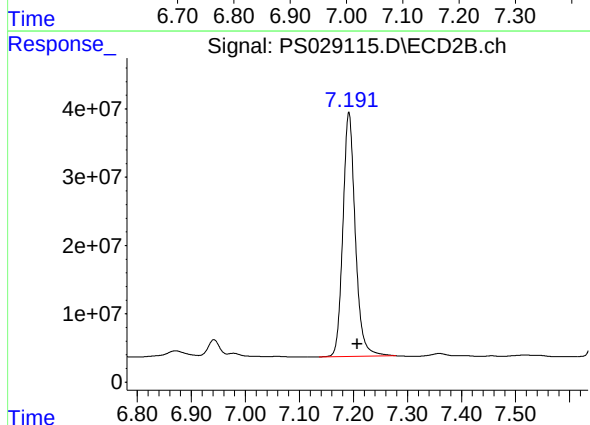
#3 4-Nitrophenol

R.T.: 6.984 min
Delta R.T.: -0.011 min
Response: 1161572705
Conc: 664.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

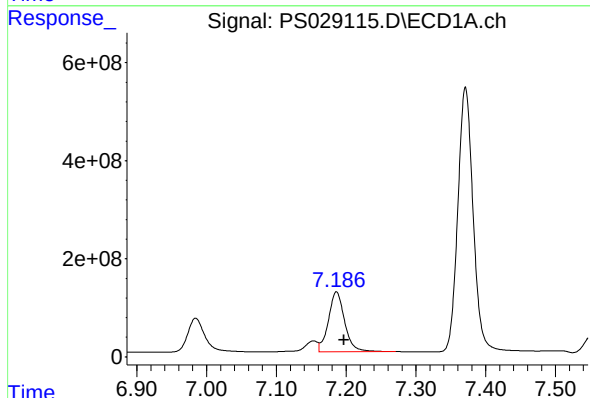
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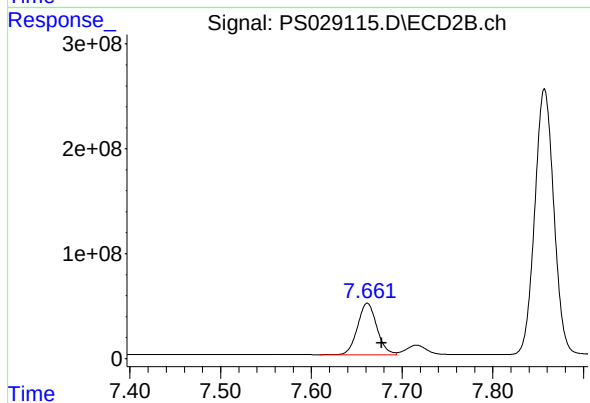
#3 4-Nitrophenol

R.T.: 7.191 min
Delta R.T.: -0.016 min
Response: 569844807
Conc: 646.36 ng/ml



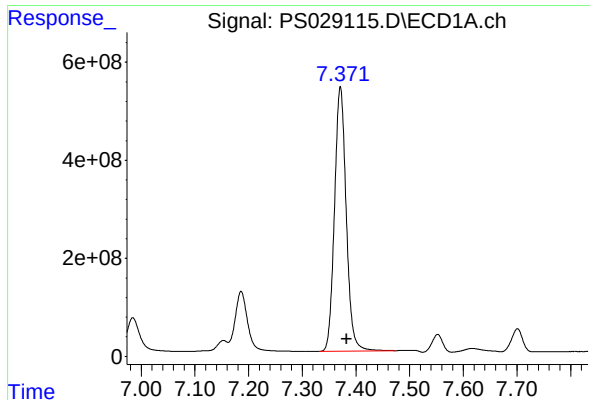
#4 2,4-DCAA

R.T.: 7.186 min
Delta R.T.: -0.011 min
Response: 1973309415
Conc: 728.17 ng/ml



#4 2,4-DCAA

R.T.: 7.662 min
Delta R.T.: -0.016 min
Response: 724971416
Conc: 655.09 ng/ml



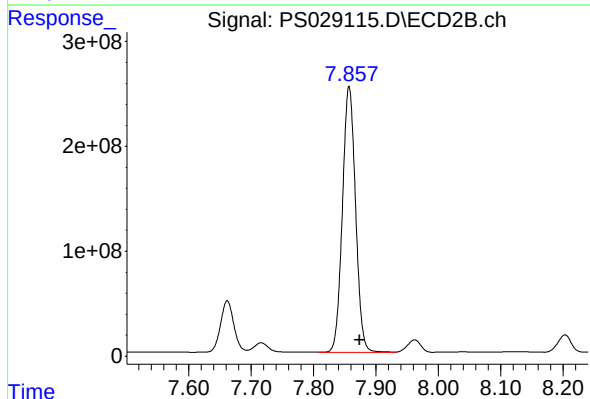
#5 DICAMBA

R.T.: 7.371 min
Delta R.T.: -0.012 min
Response: 8179459112
Conc: 701.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

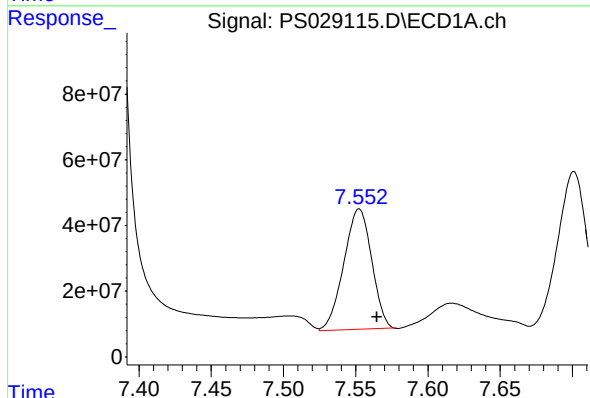
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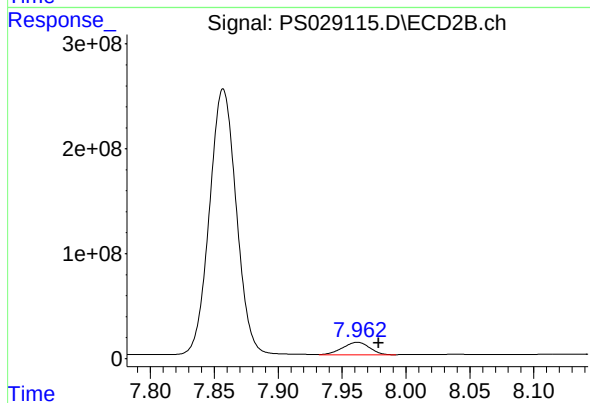
#5 DICAMBA

R.T.: 7.857 min
Delta R.T.: -0.017 min
Response: 3709344618
Conc: 664.86 ng/ml



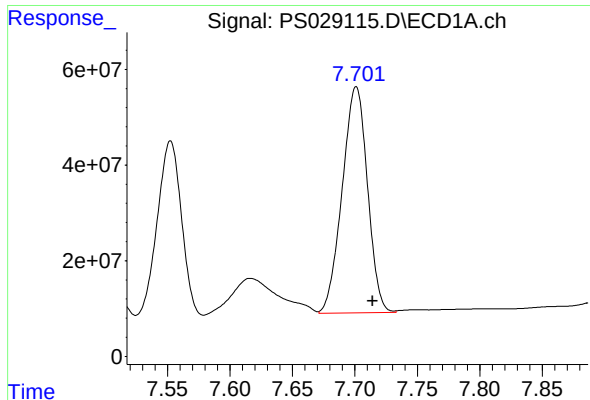
#6 MCPP

R.T.: 7.552 min
Delta R.T.: -0.013 min
Response: 492194906
Conc: 70.63 ug/ml m



#6 MCPP

R.T.: 7.962 min
Delta R.T.: -0.017 min
Response: 173658370
Conc: 57.33 ug/ml



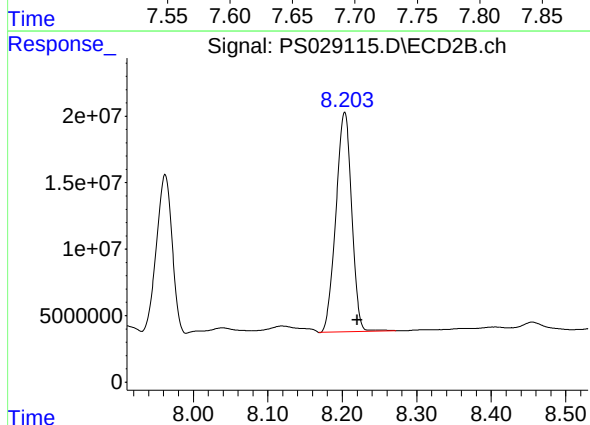
#7 MCPA

R.T.: 7.701 min
Delta R.T.: -0.013 min
Response: 666456794
Conc: 67.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

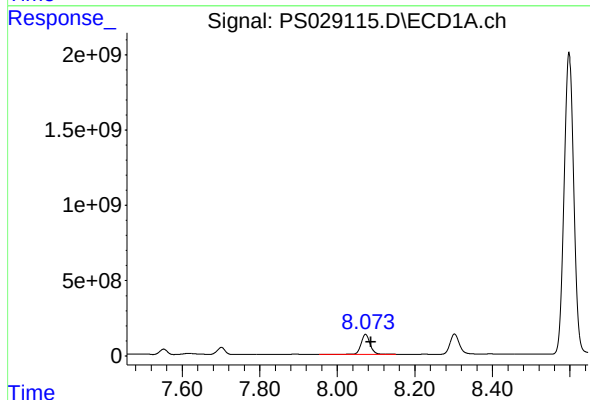
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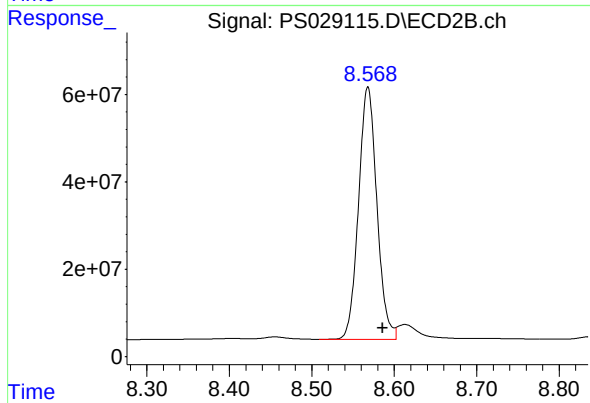
#7 MCPA

R.T.: 8.203 min
Delta R.T.: -0.017 min
Response: 242639291
Conc: 57.09 ug/ml



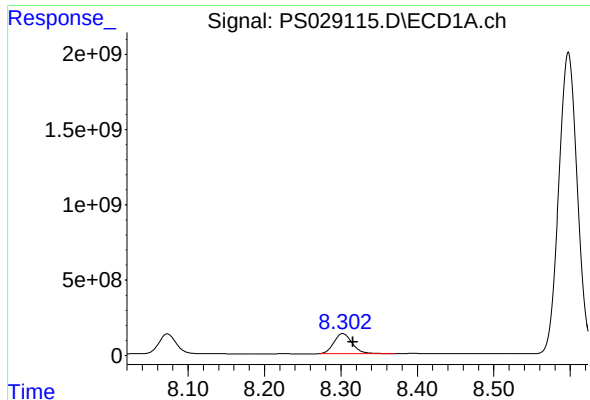
#8 DICHLORPROP

R.T.: 8.073 min
Delta R.T.: -0.014 min
Response: 2118603497
Conc: 685.83 ng/ml



#8 DICHLORPROP

R.T.: 8.568 min
Delta R.T.: -0.018 min
Response: 895444771
Conc: 641.64 ng/ml



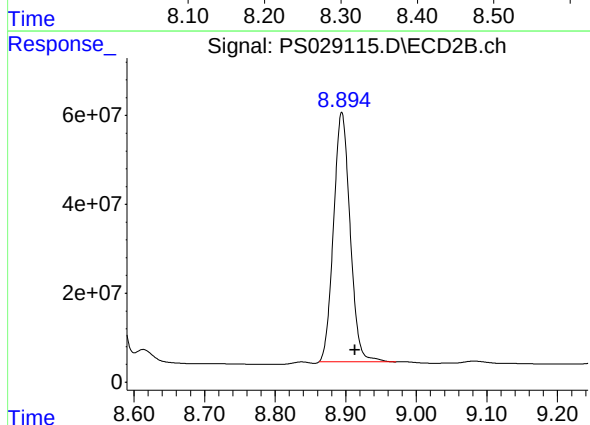
#9 2,4-D

R.T.: 8.302 min
Delta R.T.: -0.014 min
Response: 2212557751
Conc: 671.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

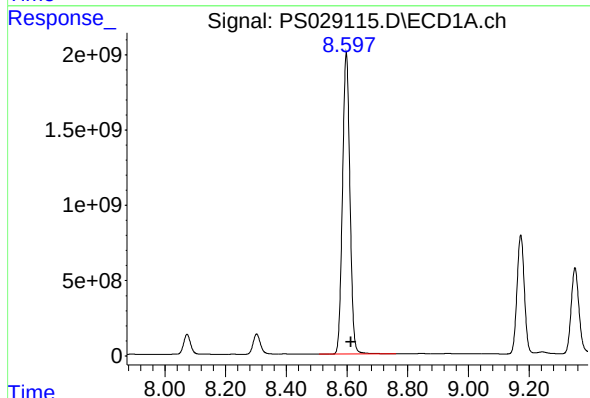
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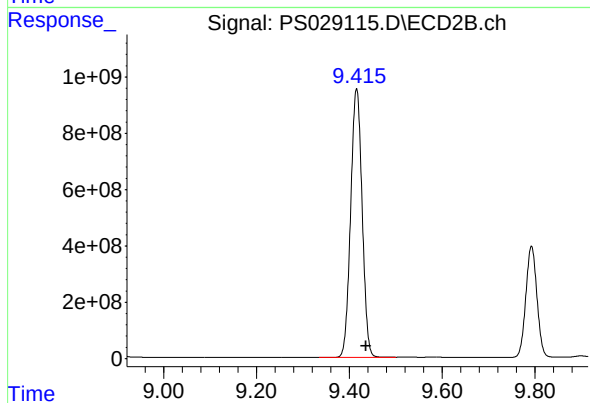
#9 2,4-D

R.T.: 8.895 min
Delta R.T.: -0.018 min
Response: 915577158
Conc: 616.36 ng/ml



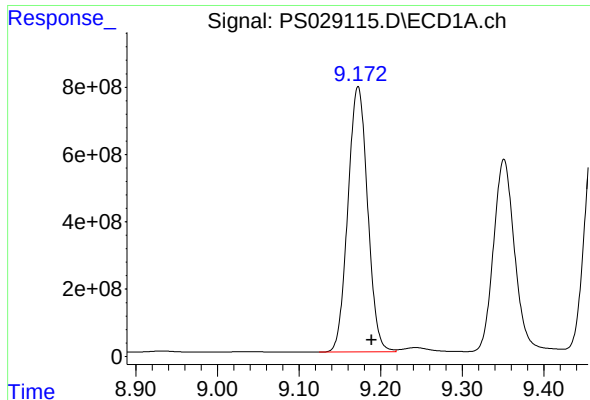
#10 Pentachlorophenol

R.T.: 8.598 min
Delta R.T.: -0.016 min
Response: 34028037188
Conc: 749.36 ng/ml



#10 Pentachlorophenol

R.T.: 9.416 min
Delta R.T.: -0.021 min
Response: 16364147475
Conc: 717.60 ng/ml



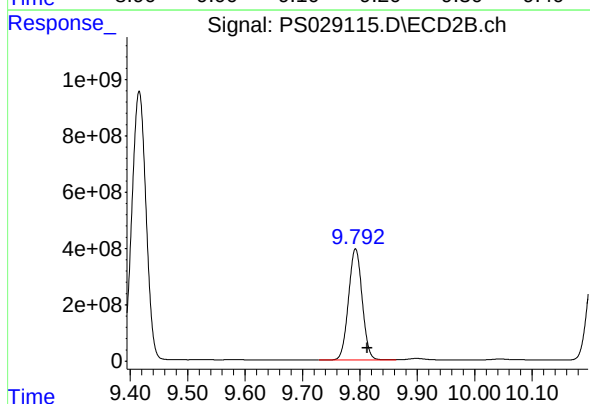
#11 2,4,5-TP (SILVEX)

R.T.: 9.172 min
Delta R.T.: -0.016 min
Response: 13241246273
Conc: 710.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

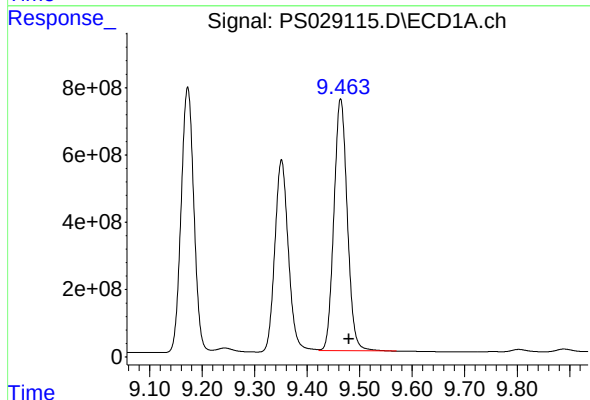
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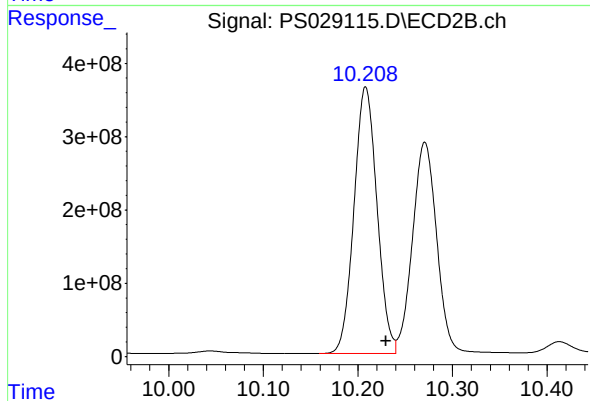
#11 2,4,5-TP (SILVEX)

R.T.: 9.792 min
Delta R.T.: -0.021 min
Response: 6558716233
Conc: 702.32 ng/ml



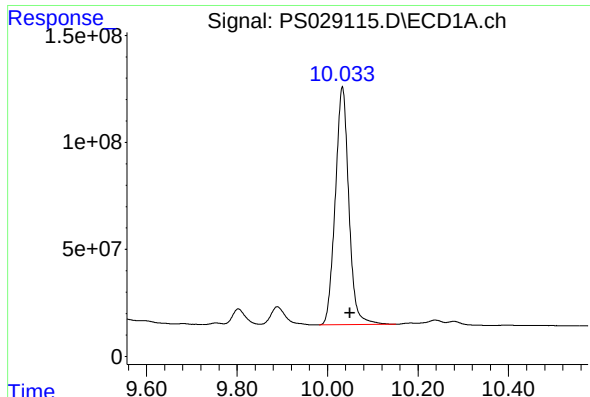
#12 2,4,5-T

R.T.: 9.463 min
Delta R.T.: -0.016 min
Response: 13223148132
Conc: 706.35 ng/ml m



#12 2,4,5-T

R.T.: 10.208 min
Delta R.T.: -0.022 min
Response: 6142395781
Conc: 687.78 ng/ml



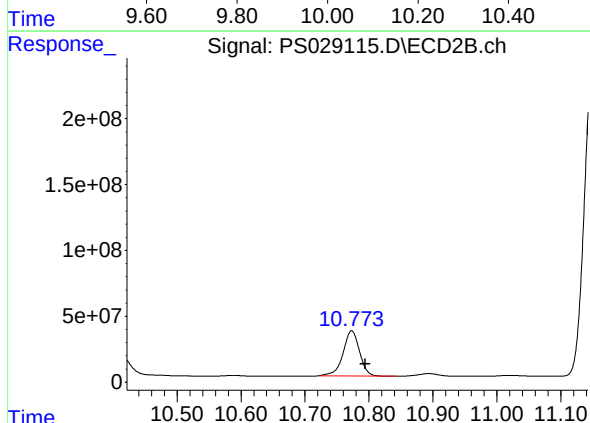
#13 2,4-DB

R.T.: 10.033 min
Delta R.T.: -0.017 min
Response: 2308357910
Conc: 661.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

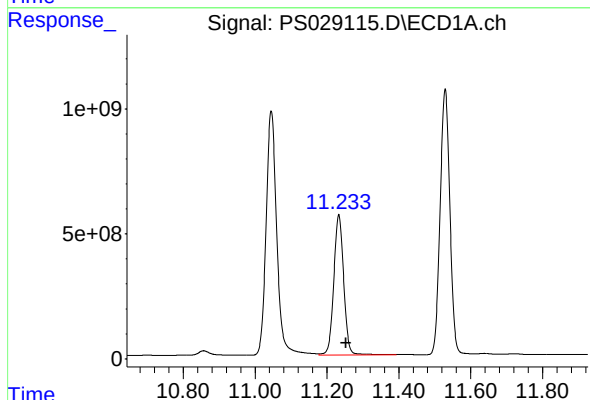
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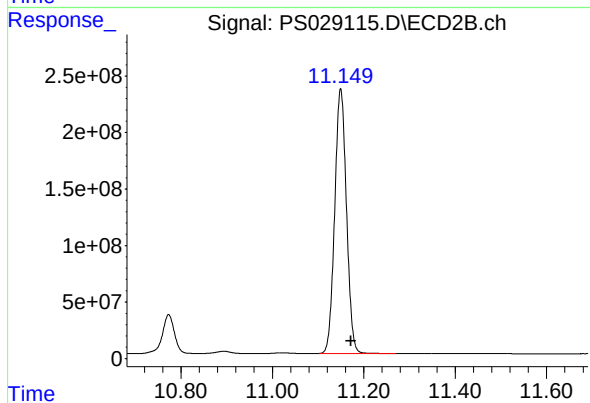
#13 2,4-DB

R.T.: 10.773 min
Delta R.T.: -0.021 min
Response: 610395387
Conc: 613.73 ng/ml



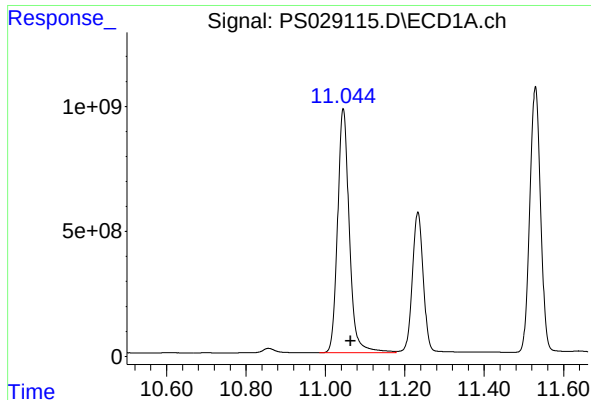
#14 DINOSEB

R.T.: 11.233 min
Delta R.T.: -0.020 min
Response: 10770192000
Conc: 668.24 ng/ml



#14 DINOSEB

R.T.: 11.149 min
Delta R.T.: -0.023 min
Response: 4170244507
Conc: 656.77 ng/ml



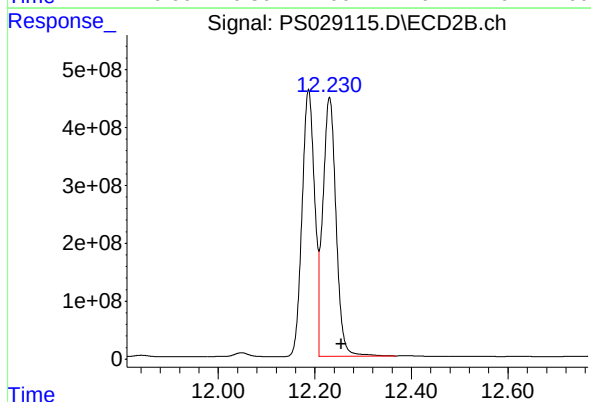
#15 Picloram

R.T.: 11.045 min
Delta R.T.: -0.019 min
Response: 20102858289
Conc: 648.70 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

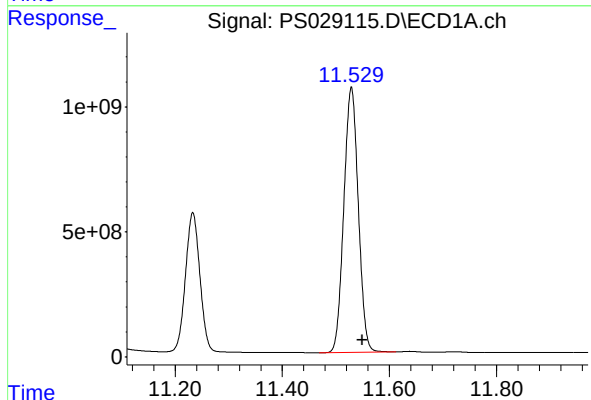
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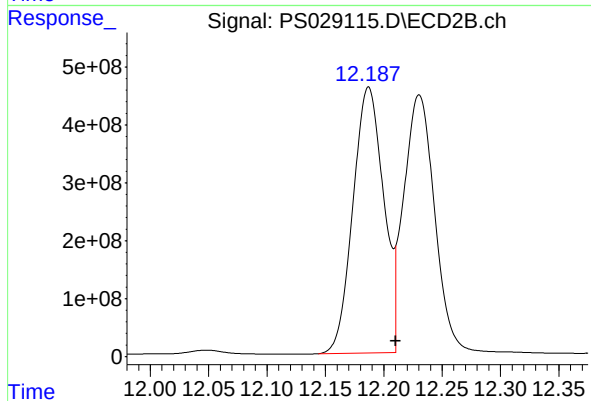
#15 Picloram

R.T.: 12.230 min
Delta R.T.: -0.024 min
Response: 8497082749
Conc: 631.31 ng/ml



#16 DCPA

R.T.: 11.529 min
Delta R.T.: -0.020 min
Response: 19884232250
Conc: 712.92 ng/ml



#16 DCPA

R.T.: 12.187 min
Delta R.T.: -0.024 min
Response: 8505272999
Conc: 754.76 ng/ml m