

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031925\
 Data File : PS029453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 10:02
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/20/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 01:35:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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	7.163	7.623	3090.7E6	650.6E6	750.068	691.882
Target Compounds							
1) T	Dalapon	2.596	2.635	3810.6E6	1388.4E6	690.293	655.797
2) T	3,5-DICHL...	6.344	6.597	4126.7E6	923.9E6	705.278	652.440
3) T	4-Nitroph...	6.965	7.155	1365.2E6	495.9E6	583.357	621.792
5) T	DICAMBA	7.345	7.815	12679.0E6	3560.2E6	730.106	690.900
6) T	MCP	7.526	7.921	912.4E6	156.0E6	74.021	66.673
7) T	MCPA	7.674	8.160	1204.4E6	213.4E6	71.076	66.897
8) T	DICHLORPROP	8.047	8.524	3243.5E6	853.9E6	705.646	667.737
9) T	2,4-D	8.279	8.849	3274.7E6	843.8E6	689.346	664.461
10) T	Pentachlo...	8.572	9.363	44370.4E6	16595.1E6	760.337	721.129
11) T	2,4,5-TP ...	9.144	9.741	18097.1E6	6478.9E6	736.046	716.954
12) T	2,4,5-T	9.437	10.155	18394.7E6	5632.1E6	721.680	685.976
13) T	2,4-DB	10.008	10.717	2647.6E6	521.3E6	634.099	680.926m
14) T	DINOSEB	11.200	11.091	11963.2E6	4141.2E6	719.341m	683.194m
15) T	Picloram	11.018	12.164	19535.5E6	7553.6E6	639.595	653.285
16) T	DCPA	11.497	12.123	22021.8E6	8799.3E6	733.975	743.400m

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

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Data File : PS029453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 10:02
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

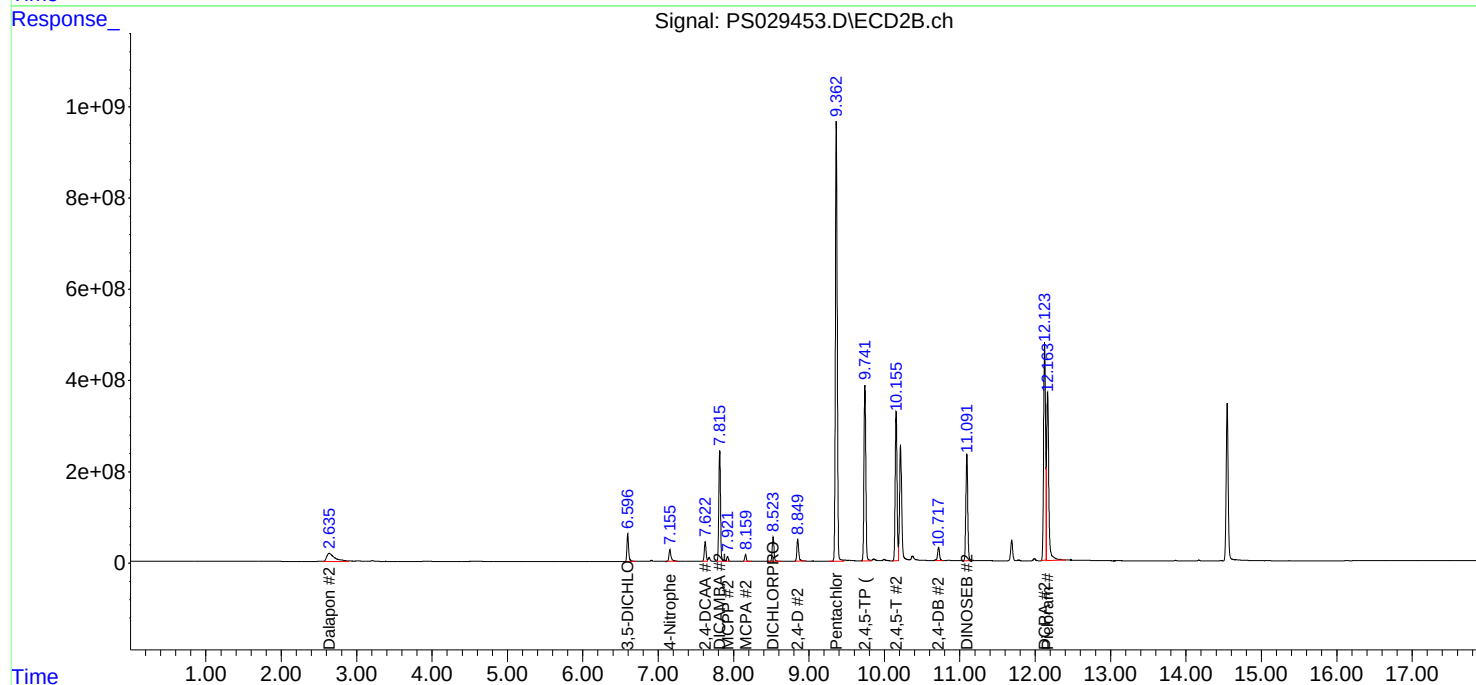
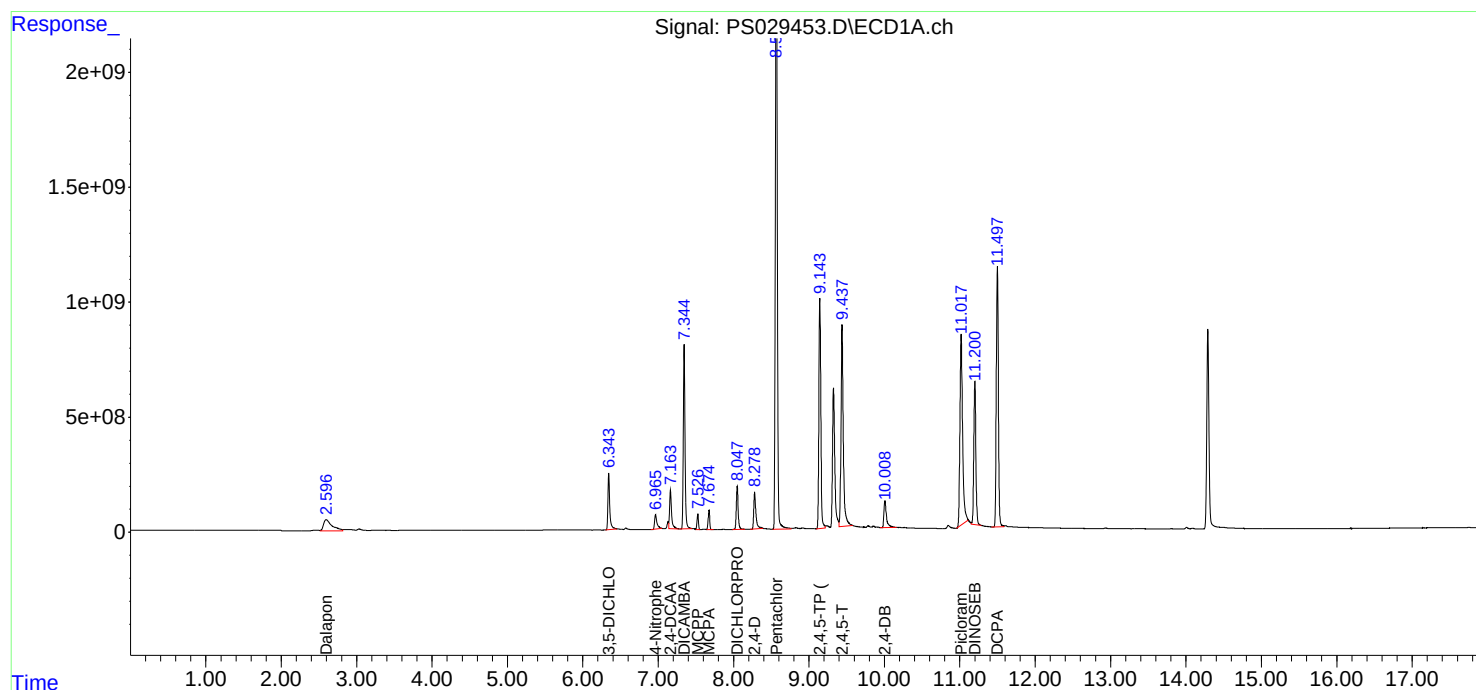
Instrument :
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ClientSampleId :
HSTDCCC750

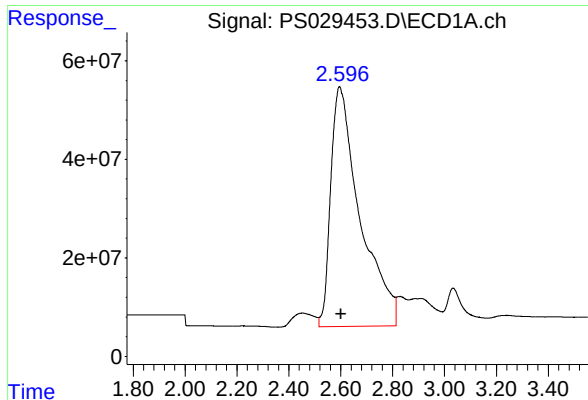
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:35:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
Quant Title : 8080.M
QLast Update : Sat Feb 22 01:02:20 2025
Response via : Initial 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





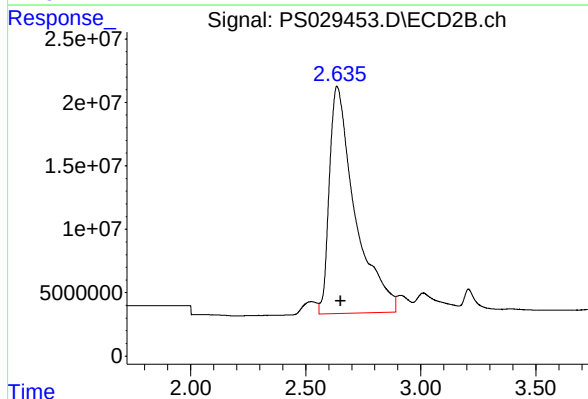
#1 Dalapon

R.T.: 2.596 min
Delta R.T.: -0.004 min
Response: 3810615976
Conc: 690.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

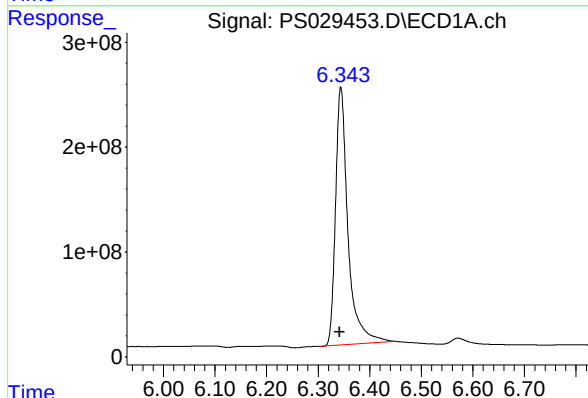
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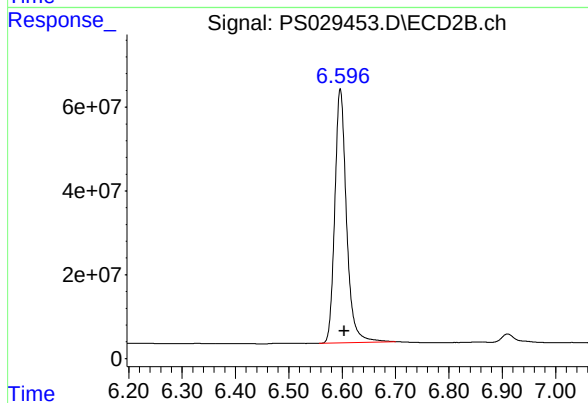
#1 Dalapon

R.T.: 2.635 min
Delta R.T.: -0.016 min
Response: 1388400513
Conc: 655.80 ng/ml



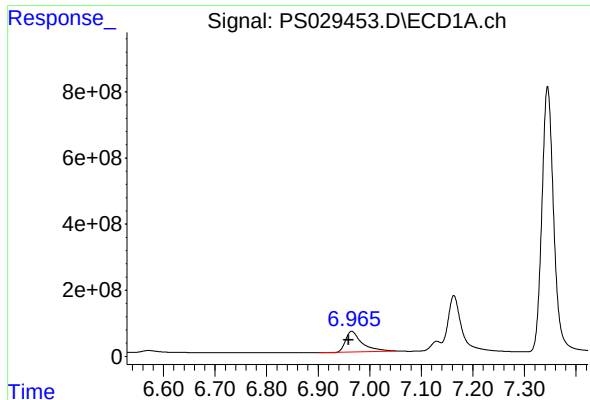
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 4126666914
Conc: 705.28 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.597 min
Delta R.T.: -0.008 min
Response: 923930316
Conc: 652.44 ng/ml



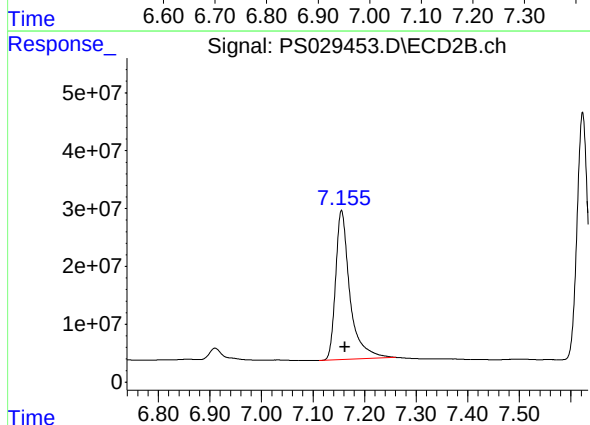
#3 4-Nitrophenol

R.T.: 6.965 min
Delta R.T.: 0.007 min
Response: 1365163013
Conc: 583.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

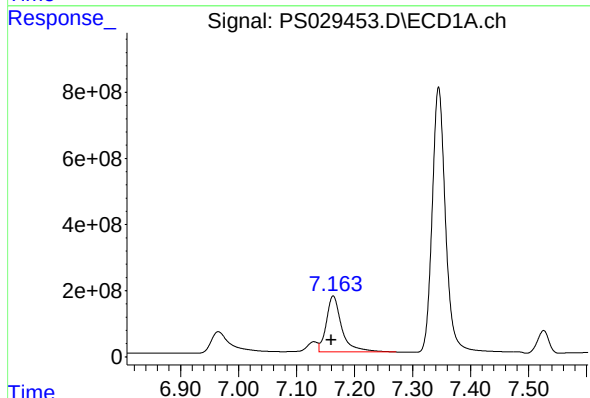
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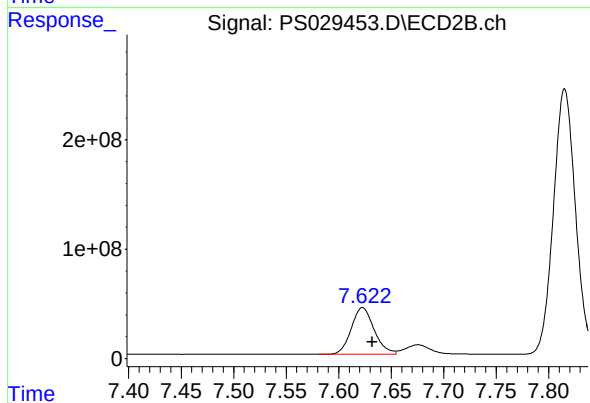
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.007 min
Response: 495909211
Conc: 621.79 ng/ml



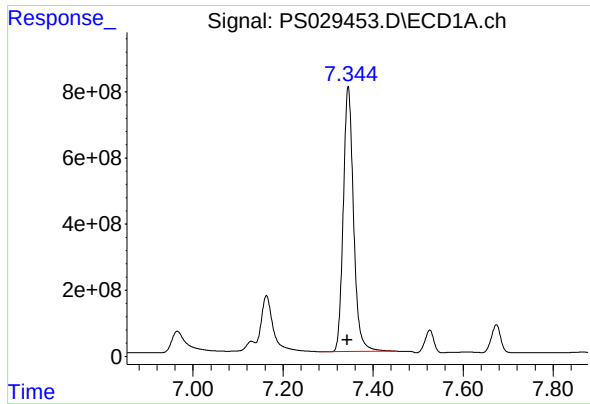
#4 2,4-DCAA

R.T.: 7.163 min
Delta R.T.: 0.003 min
Response: 3090714659
Conc: 750.07 ng/ml



#4 2,4-DCAA

R.T.: 7.623 min
Delta R.T.: -0.009 min
Response: 650599095
Conc: 691.88 ng/ml



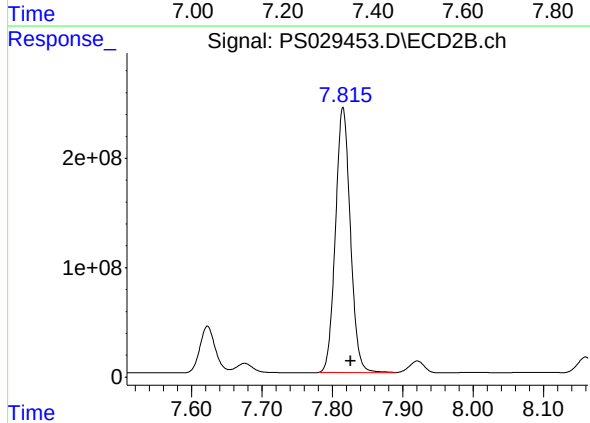
#5 DICAMBA

R.T.: 7.345 min
Delta R.T.: 0.002 min
Response: 12678977882
Conc: 730.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

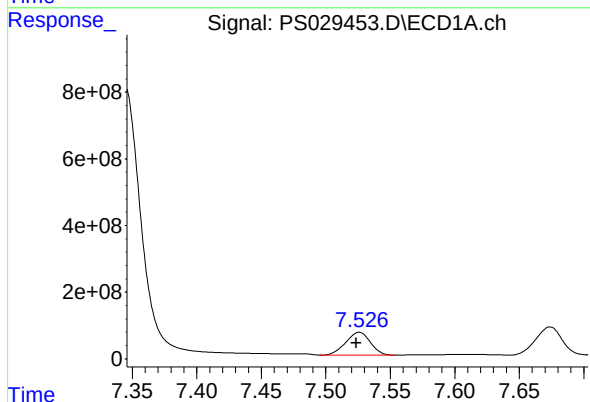
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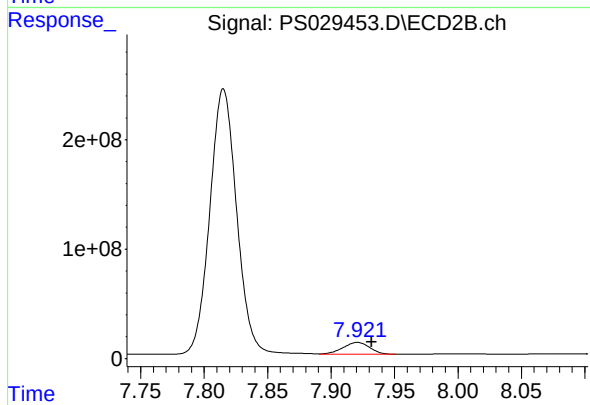
#5 DICAMBA

R.T.: 7.815 min
Delta R.T.: -0.011 min
Response: 3560186114
Conc: 690.90 ng/ml



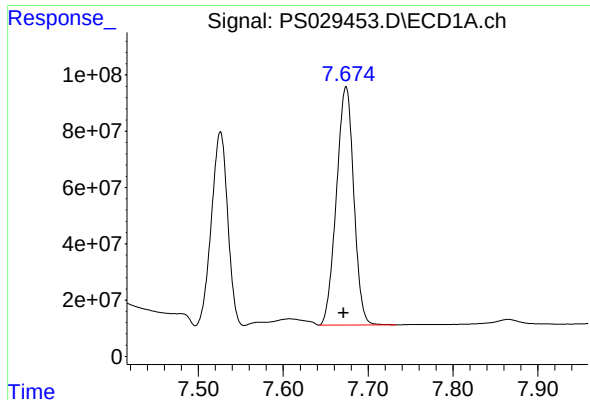
#6 MCPP

R.T.: 7.526 min
Delta R.T.: 0.003 min
Response: 912360091
Conc: 74.02 ug/ml



#6 MCPP

R.T.: 7.921 min
Delta R.T.: -0.011 min
Response: 155958442
Conc: 66.67 ug/ml



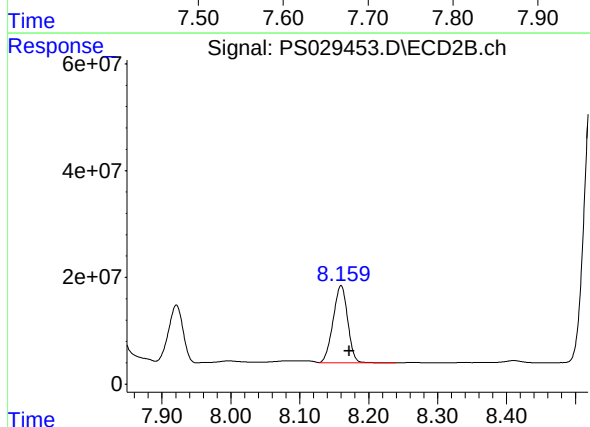
#7 MCPA

R.T.: 7.674 min
Delta R.T.: 0.003 min
Response: 1204412071
Conc: 71.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

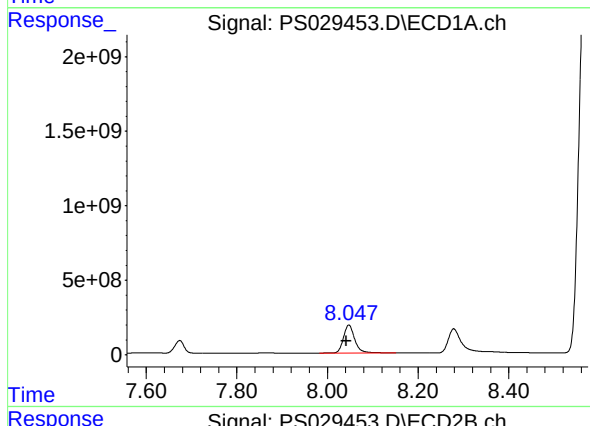
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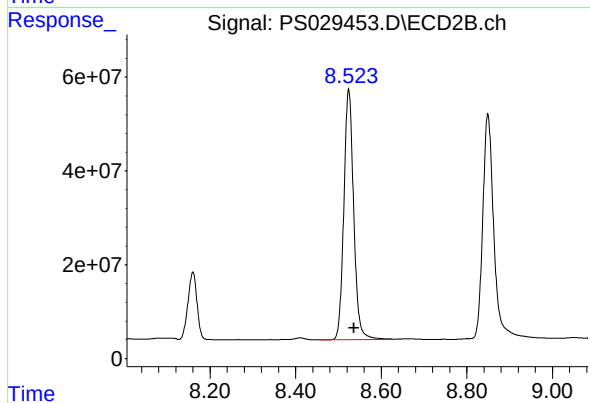
#7 MCPA

R.T.: 8.160 min
Delta R.T.: -0.012 min
Response: 213380632
Conc: 66.90 ug/ml



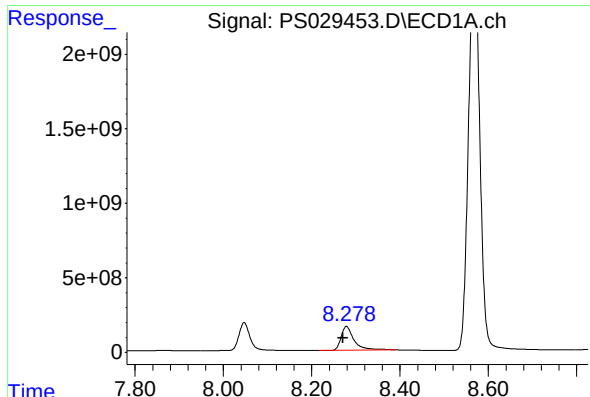
#8 DICHLORPROP

R.T.: 8.047 min
Delta R.T.: 0.005 min
Response: 3243471938
Conc: 705.65 ng/ml



#8 DICHLORPROP

R.T.: 8.524 min
Delta R.T.: -0.012 min
Response: 853875126
Conc: 667.74 ng/ml



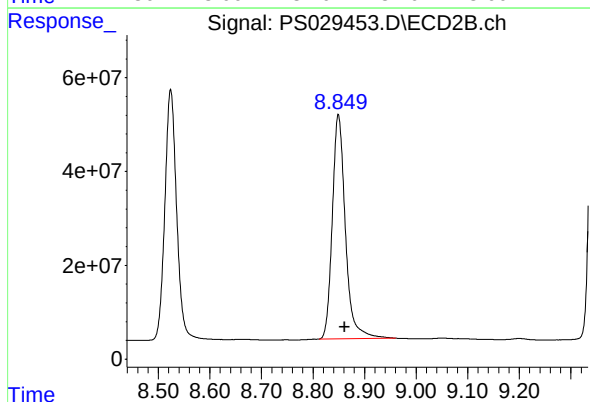
#9 2,4-D

R.T.: 8.279 min
Delta R.T.: 0.007 min
Response: 3274691026
Conc: 689.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

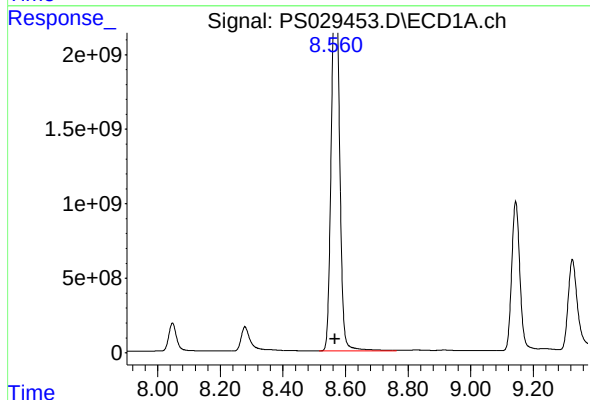
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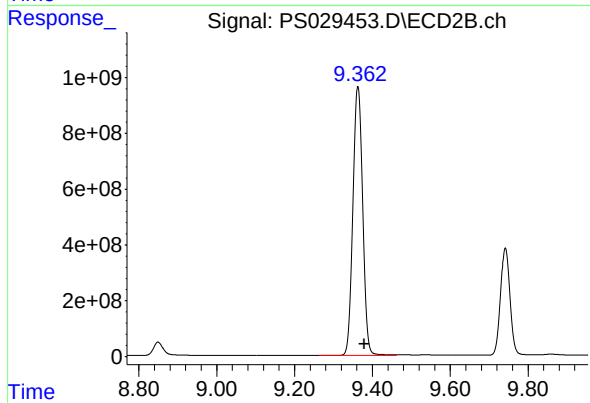
#9 2,4-D

R.T.: 8.849 min
Delta R.T.: -0.012 min
Response: 843795586
Conc: 664.46 ng/ml



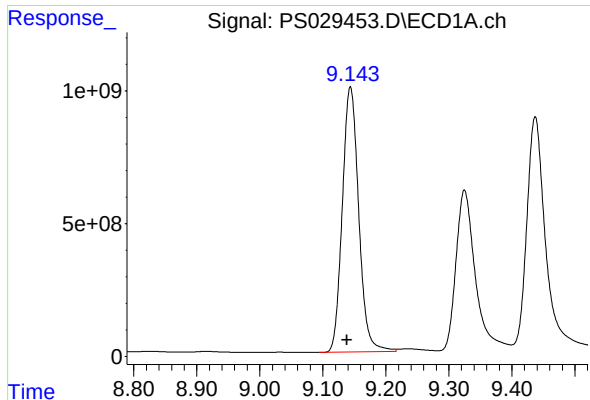
#10 Pentachlorophenol

R.T.: 8.572 min
Delta R.T.: 0.005 min
Response: 44370366758
Conc: 760.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.363 min
Delta R.T.: -0.016 min
Response: 16595106218
Conc: 721.13 ng/ml



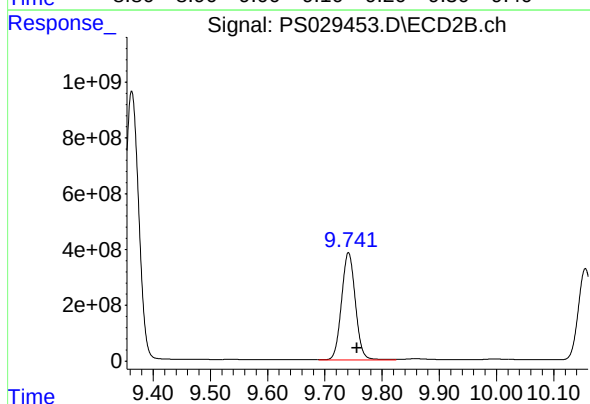
#11 2,4,5-TP (SILVEX)

R.T.: 9.144 min
Delta R.T.: 0.005 min
Response: 18097118996
Conc: 736.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

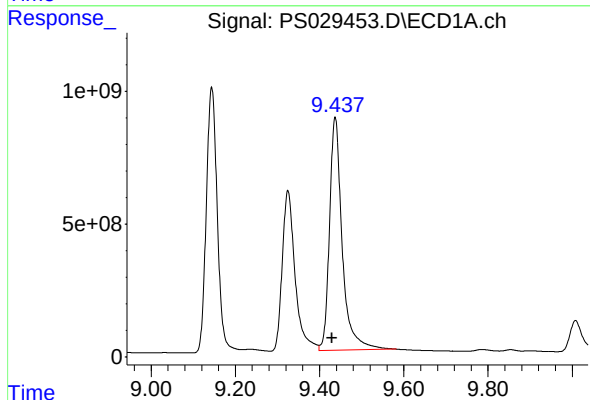
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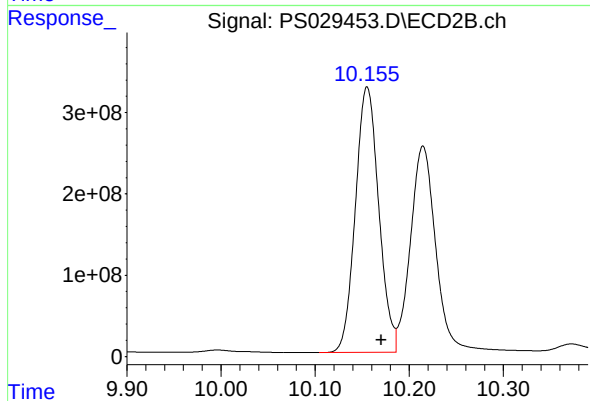
#11 2,4,5-TP (SILVEX)

R.T.: 9.741 min
Delta R.T.: -0.015 min
Response: 6478896329
Conc: 716.95 ng/ml



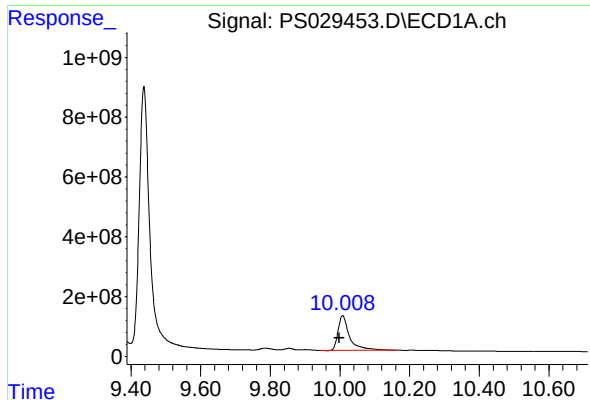
#12 2,4,5-T

R.T.: 9.437 min
Delta R.T.: 0.008 min
Response: 18394704732
Conc: 721.68 ng/ml



#12 2,4,5-T

R.T.: 10.155 min
Delta R.T.: -0.015 min
Response: 5632063067
Conc: 685.98 ng/ml



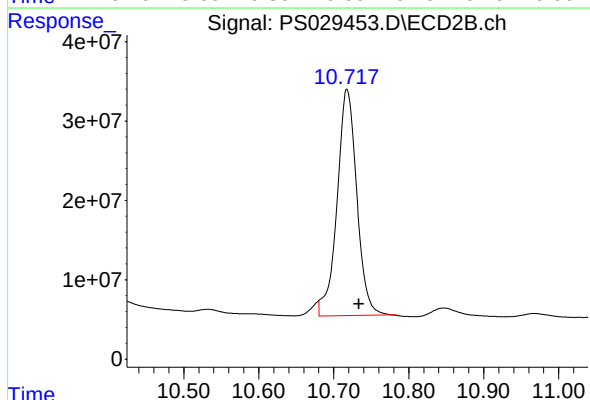
#13 2,4-DB

R.T.: 10.008 min
Delta R.T.: 0.010 min
Response: 2647633901
Conc: 634.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

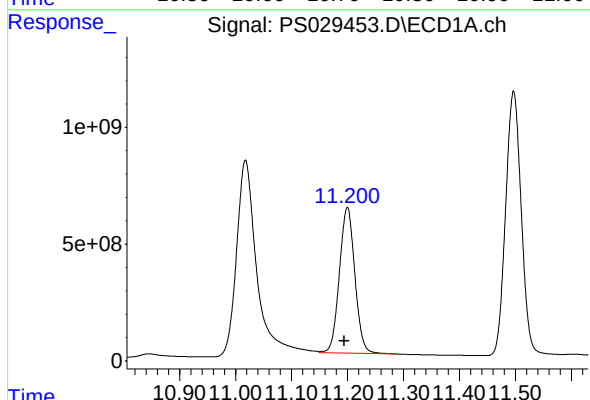
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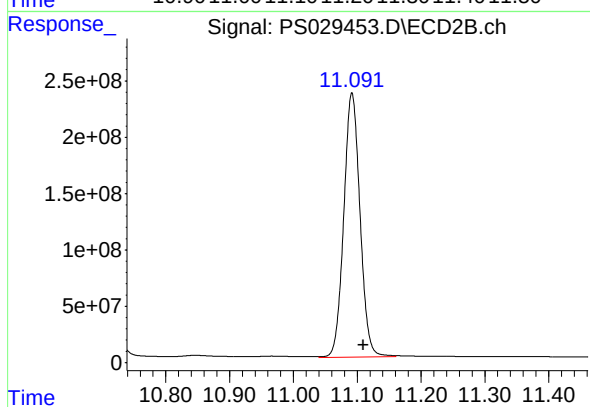
#13 2,4-DB

R.T.: 10.717 min
Delta R.T.: -0.017 min
Response: 521311225
Conc: 680.93 ng/ml m



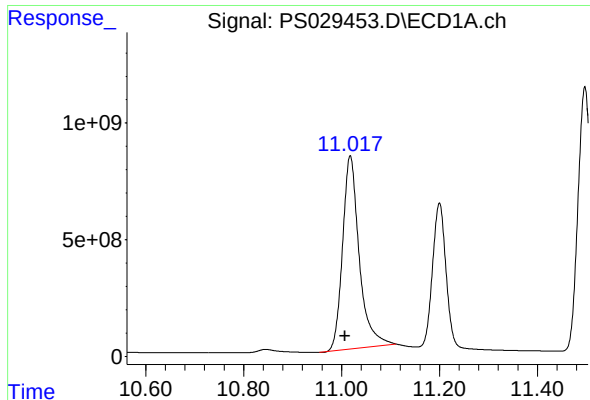
#14 DINOSEB

R.T.: 11.200 min
Delta R.T.: 0.005 min
Response: 11963227484
Conc: 719.34 ng/ml m



#14 DINOSEB

R.T.: 11.091 min
Delta R.T.: -0.018 min
Response: 4141199566
Conc: 683.19 ng/ml m



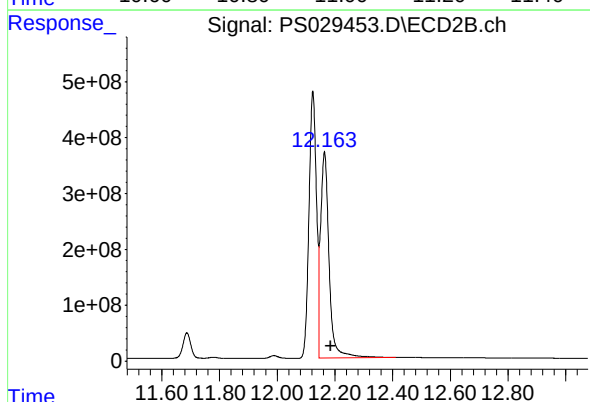
#15 Picloram

R.T.: 11.018 min
Delta R.T.: 0.011 min
Response: 19535464855
Conc: 639.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

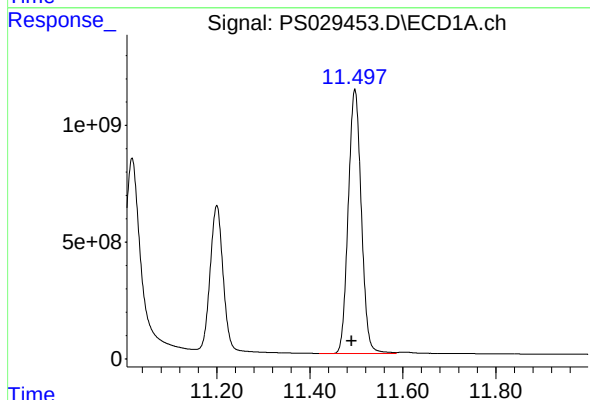
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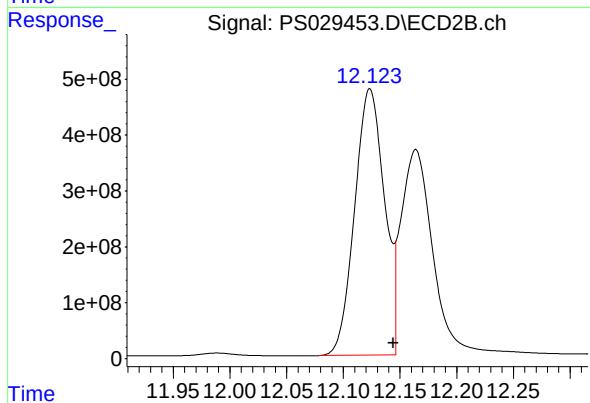
#15 Picloram

R.T.: 12.164 min
Delta R.T.: -0.021 min
Response: 7553558527
Conc: 653.28 ng/ml



#16 DCPA

R.T.: 11.497 min
Delta R.T.: 0.007 min
Response: 22021791551
Conc: 733.97 ng/ml



#16 DCPA

R.T.: 12.123 min
Delta R.T.: -0.021 min
Response: 8799292089
Conc: 743.40 ng/ml m