

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041025\
 Data File : PS029782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 11:59
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2025
 Supervised By : mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:31:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.954	7.494	1487.5E6	487.9E6	729.589	715.903
Target Compounds							
1) T	Dalapon	2.454	2.527	2161.7E6	936.3E6	637.211	589.764
2) T	3,5-DICHL...	6.157	6.484	2102.3E6	636.2E6	698.975	658.931
3) T	4-Nitroph...	6.745	7.026	1002.4E6	443.7E6	713.542	625.873
5) T	DICAMBA	7.132	7.681	5984.1E6	2550.7E6	719.077	690.615
6) T	MCPD	7.310	7.788	370.2E6	107.2E6	68.312	63.510
7) T	MCPA	7.453	8.019	474.1E6	148.0E6	65.219	65.064m
8) T	DICHLORPROP	7.814	8.377	1536.0E6	675.0E6	698.378	698.679
9) T	2,4-D	8.034	8.692	1685.8E6	718.3E6	699.639	666.033
10) T	Pentachlo...	8.313	9.193	20931.8E6	13059.8E6	688.434	728.467
11) T	2,4,5-TP ...	8.878	9.572	8263.5E6	5231.7E6	711.428	725.314
12) T	2,4,5-T	9.161	9.977	8332.9E6	4923.7E6	724.318	734.575
13) T	2,4-DB	9.719	10.534	1378.5E6	479.3E6	758.767	645.972m
14) T	DINOSEB	10.884	10.908	5870.1E6	3483.7E6	695.342	681.359
15) T	Picloram	10.702	11.947	11038.0E6	7523.0E6	712.108	636.229m
16) T	DCPA	11.185	11.938	10203.2E6	6476.4E6	730.568	731.741m

(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

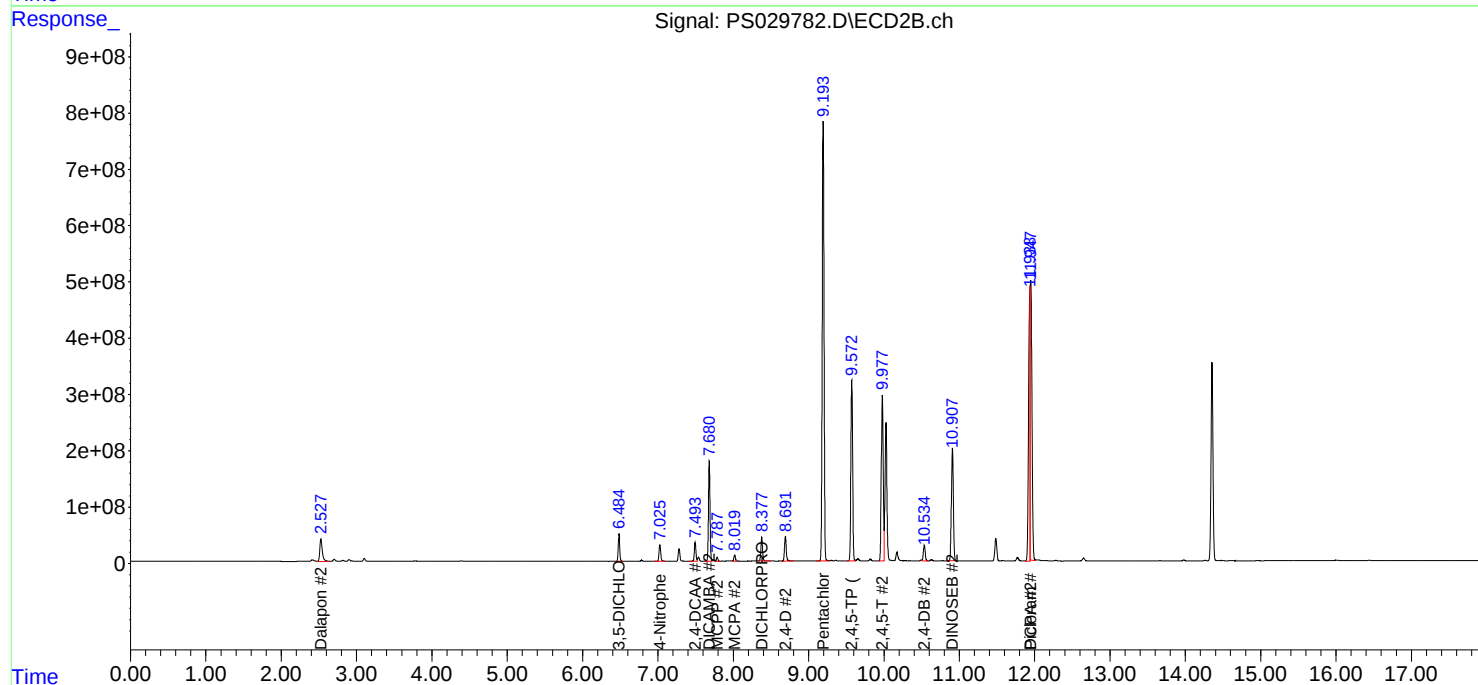
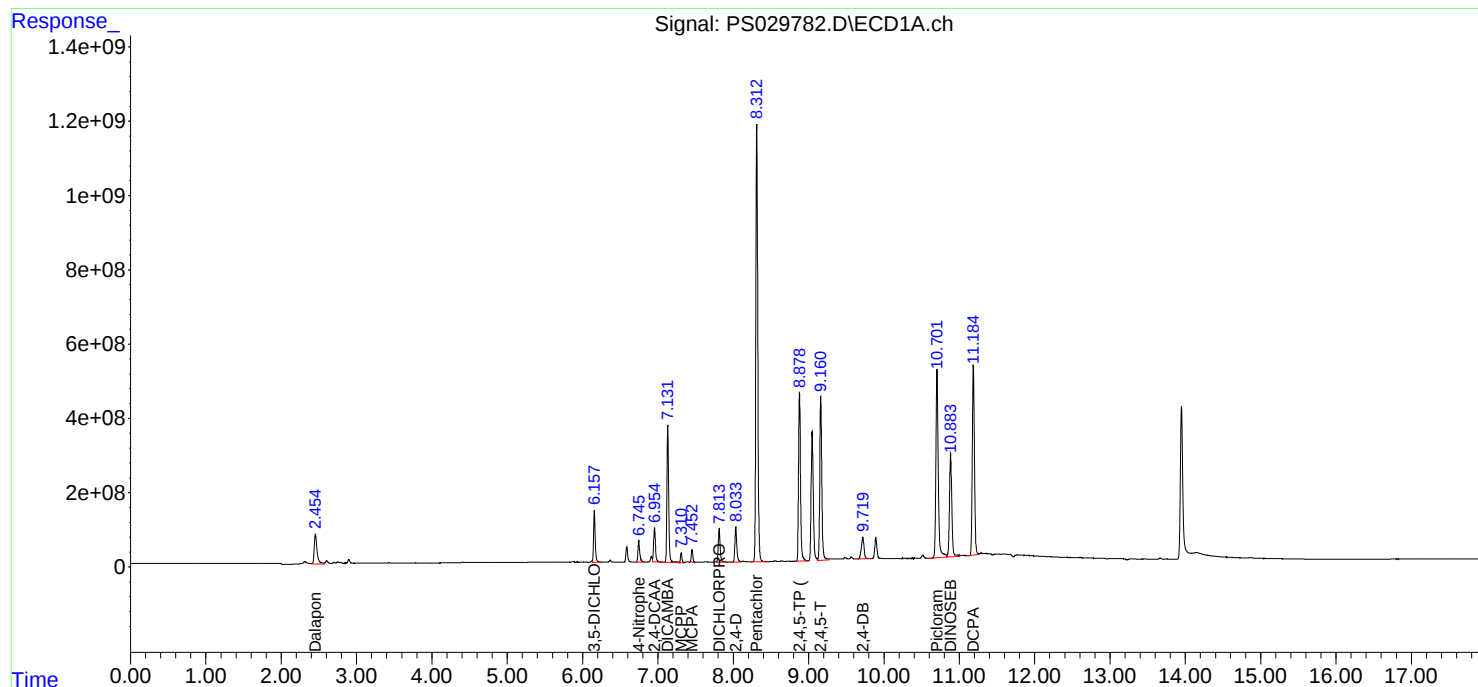
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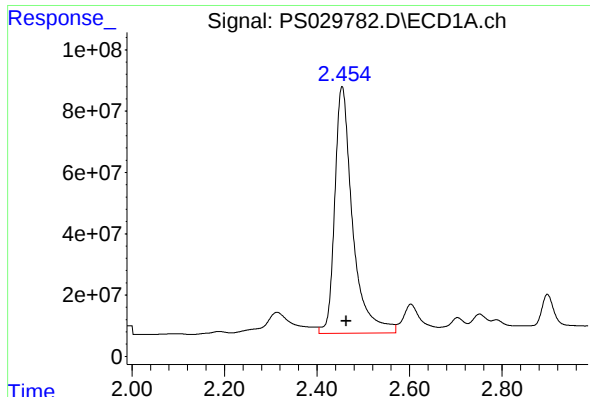
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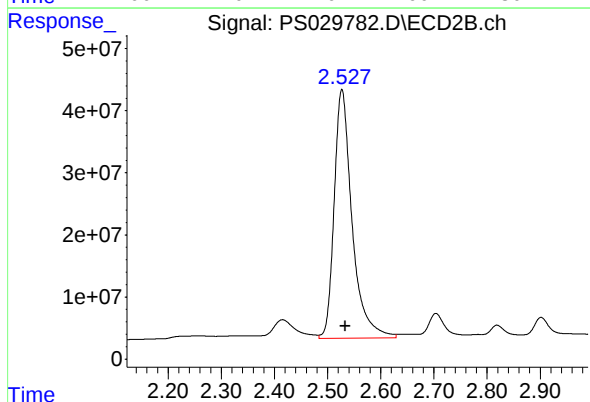
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 2161672901
Conc: 637.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

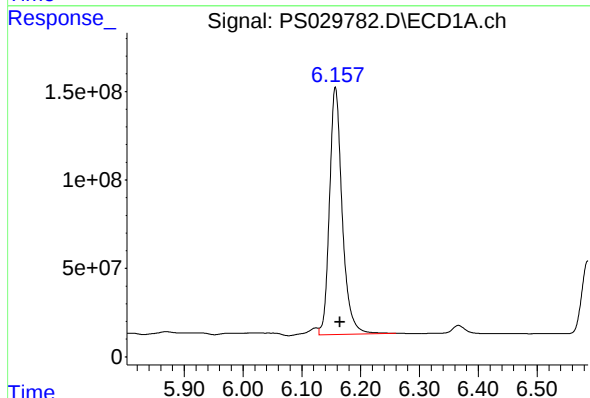
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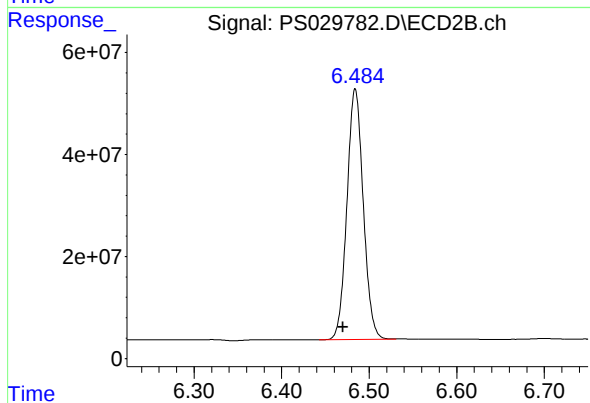
#1 Dalapon

R.T.: 2.527 min
Delta R.T.: -0.006 min
Response: 936306682
Conc: 589.76 ng/ml



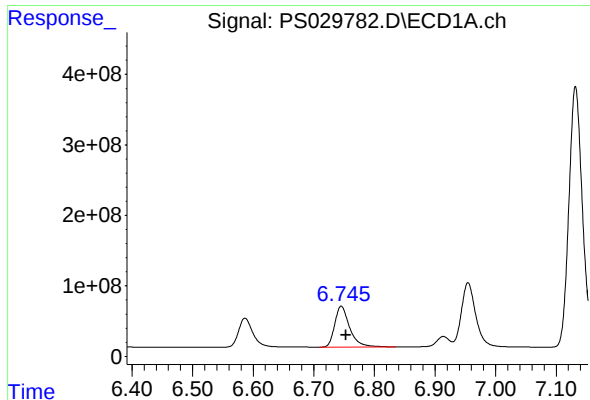
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 2102348587
Conc: 698.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: 0.014 min
Response: 636235489
Conc: 658.93 ng/ml



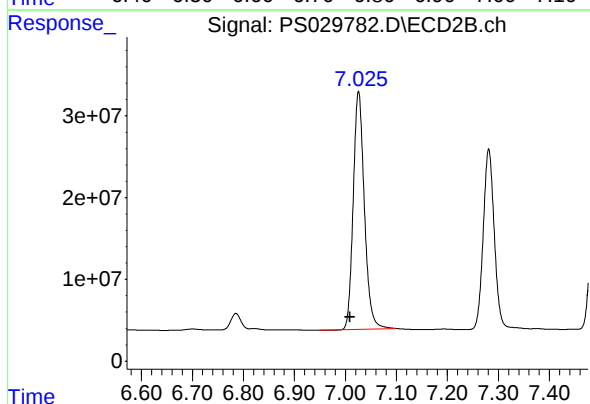
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 1002382486
Conc: 713.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

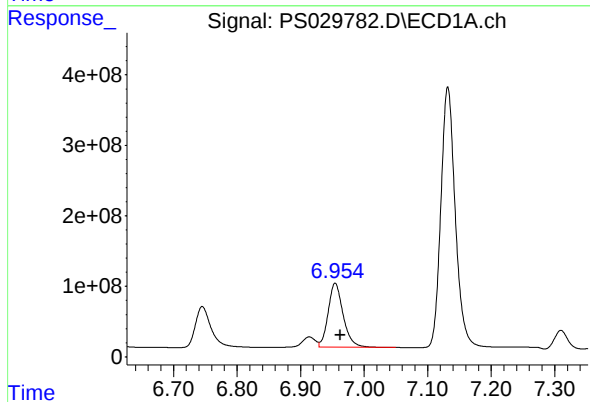
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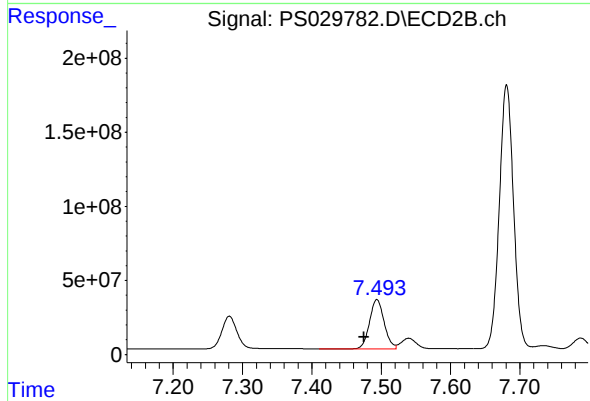
#3 4-Nitrophenol

R.T.: 7.026 min
Delta R.T.: 0.016 min
Response: 443743084
Conc: 625.87 ng/ml



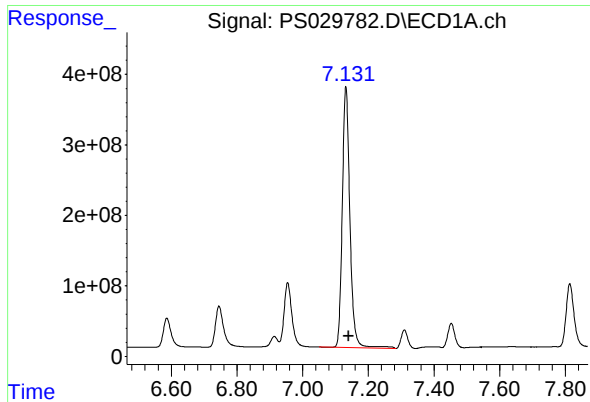
#4 2,4-DCAA

R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 1487508103
Conc: 729.59 ng/ml



#4 2,4-DCAA

R.T.: 7.494 min
Delta R.T.: 0.019 min
Response: 487897167
Conc: 715.90 ng/ml



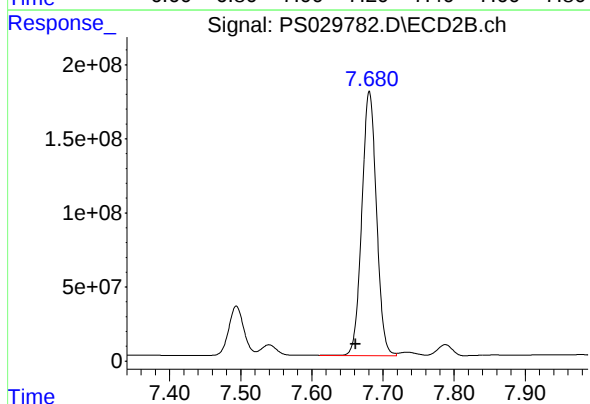
#5 DICAMBA

R.T.: 7.132 min
Delta R.T.: -0.008 min
Response: 5984114286
Conc: 719.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

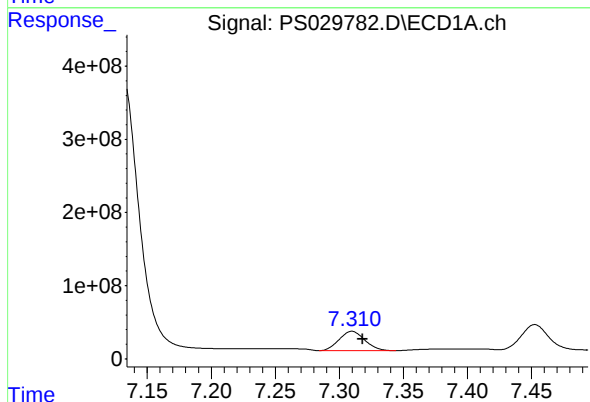
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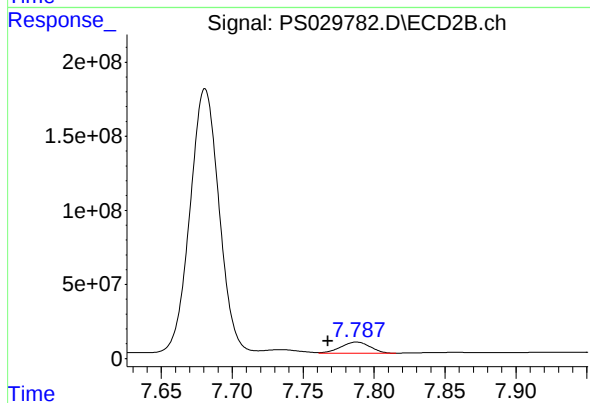
#5 DICAMBA

R.T.: 7.681 min
Delta R.T.: 0.019 min
Response: 2550697086
Conc: 690.62 ng/ml



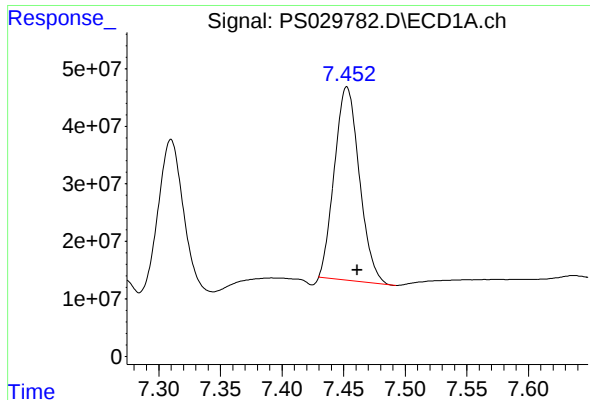
#6 MCP

R.T.: 7.310 min
Delta R.T.: -0.008 min
Response: 370242957
Conc: 68.31 ug/ml



#6 MCP

R.T.: 7.788 min
Delta R.T.: 0.020 min
Response: 107234344
Conc: 63.51 ug/ml



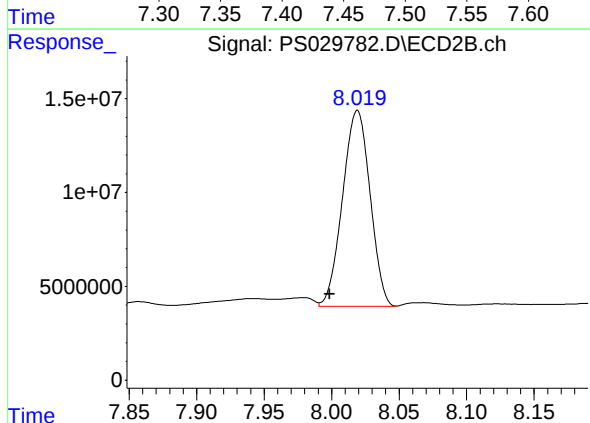
#7 MCPA

R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 474074468
Conc: 65.22 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

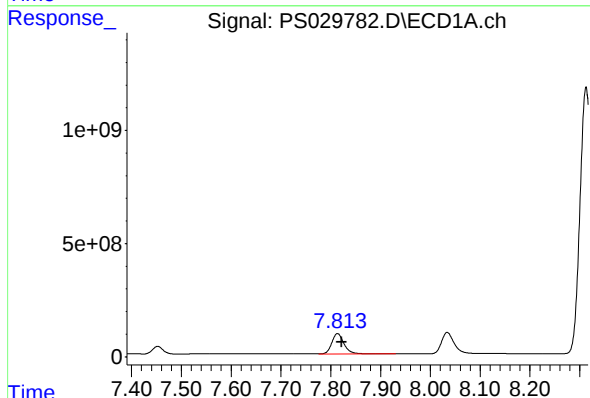
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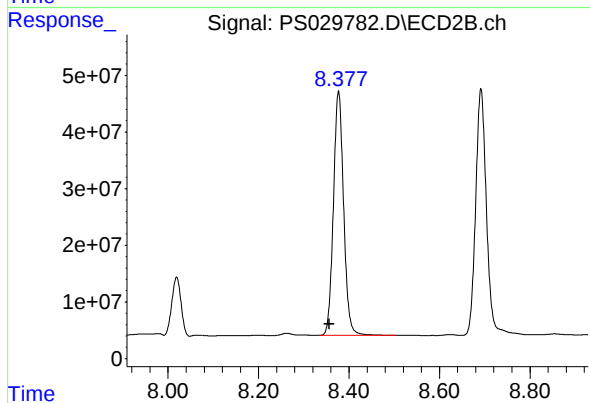
#7 MCPA

R.T.: 8.019 min
Delta R.T.: 0.020 min
Response: 148037893
Conc: 65.06 ug/ml



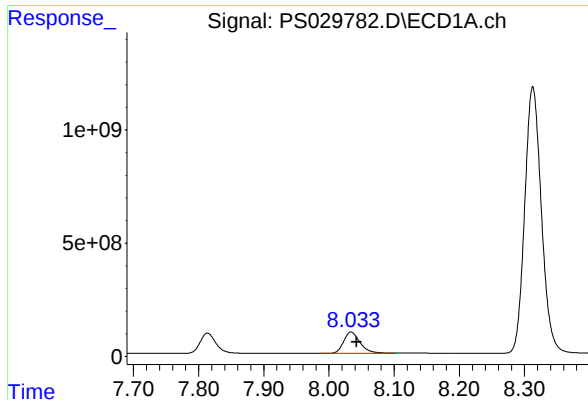
#8 DICHLORPROP

R.T.: 7.814 min
Delta R.T.: -0.008 min
Response: 1536039065
Conc: 698.38 ng/ml



#8 DICHLORPROP

R.T.: 8.377 min
Delta R.T.: 0.021 min
Response: 675030837
Conc: 698.68 ng/ml



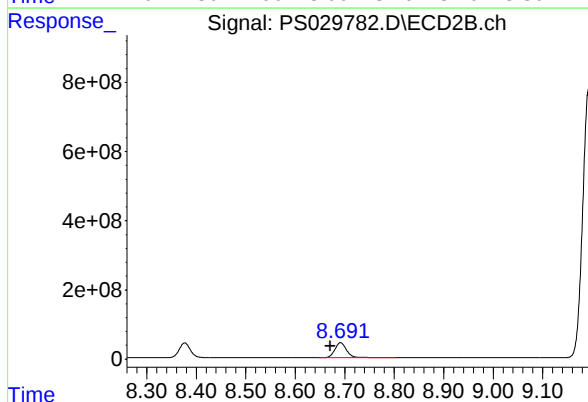
#9 2,4-D

R.T.: 8.034 min
Delta R.T.: -0.008 min
Response: 1685843423
Conc: 699.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

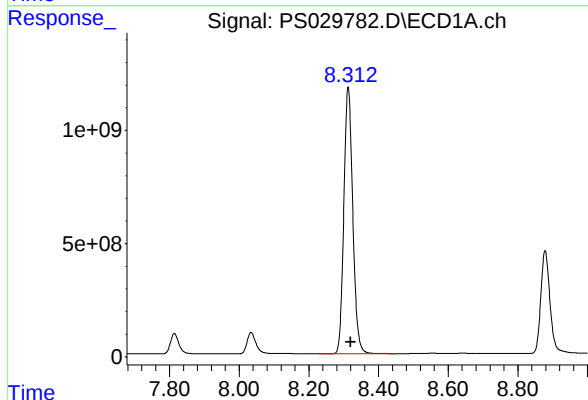
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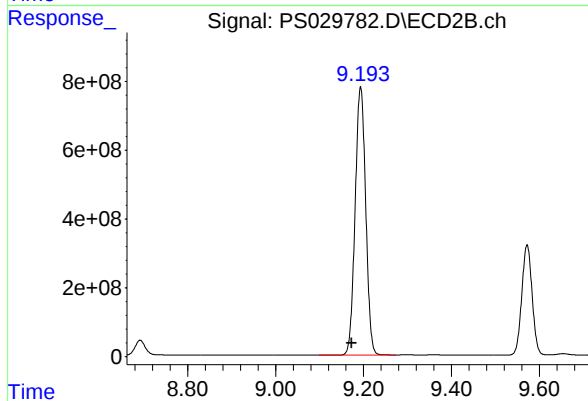
#9 2,4-D

R.T.: 8.692 min
Delta R.T.: 0.021 min
Response: 718293080
Conc: 666.03 ng/ml



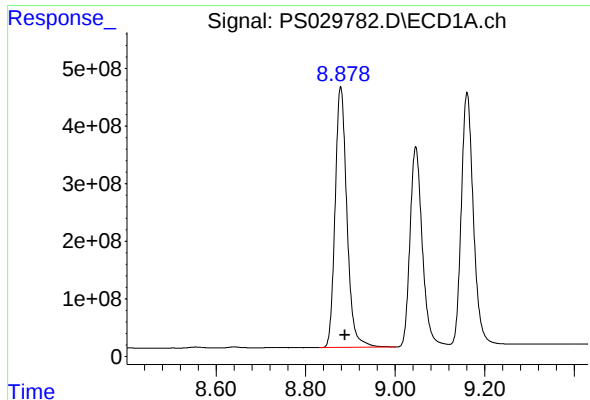
#10 Pentachlorophenol

R.T.: 8.313 min
Delta R.T.: -0.008 min
Response: 20931829938
Conc: 688.43 ng/ml



#10 Pentachlorophenol

R.T.: 9.193 min
Delta R.T.: 0.020 min
Response: 13059760449
Conc: 728.47 ng/ml



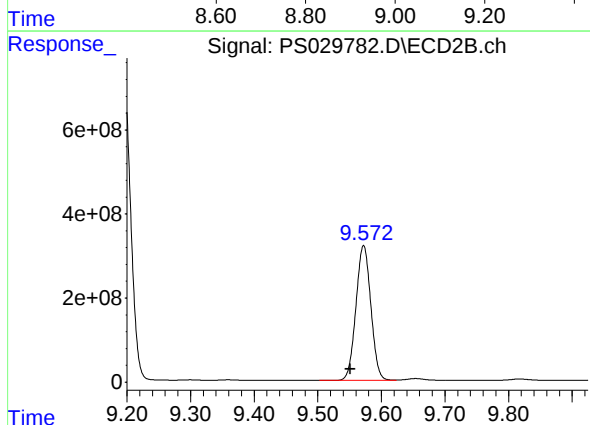
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.009 min
Response: 8263487939
Conc: 711.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

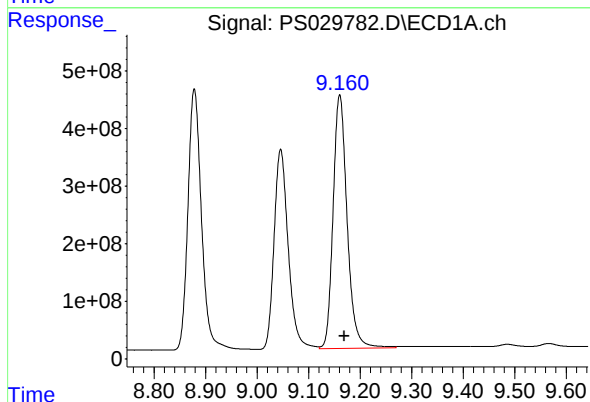
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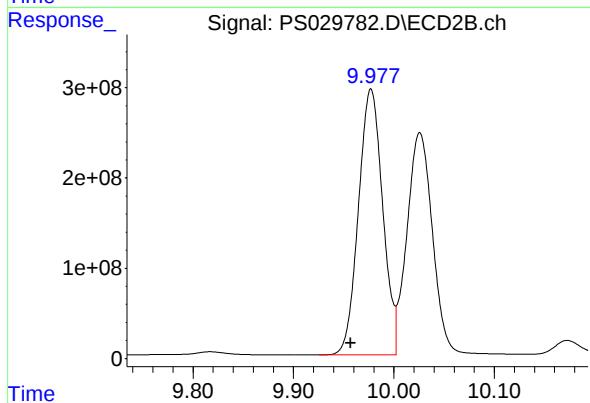
#11 2,4,5-TP (SILVEX)

R.T.: 9.572 min
Delta R.T.: 0.021 min
Response: 5231663063
Conc: 725.31 ng/ml



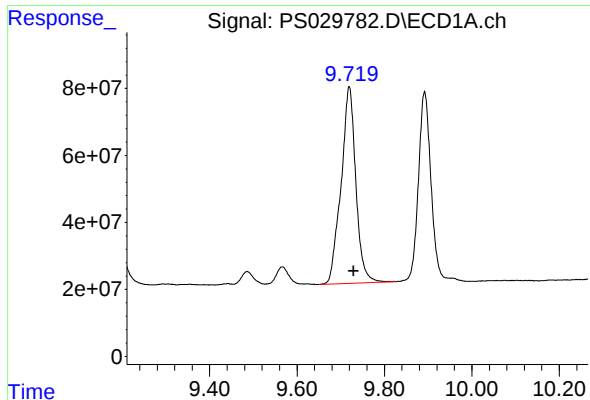
#12 2,4,5-T

R.T.: 9.161 min
Delta R.T.: -0.009 min
Response: 8332863375
Conc: 724.32 ng/ml



#12 2,4,5-T

R.T.: 9.977 min
Delta R.T.: 0.020 min
Response: 4923737831
Conc: 734.58 ng/ml



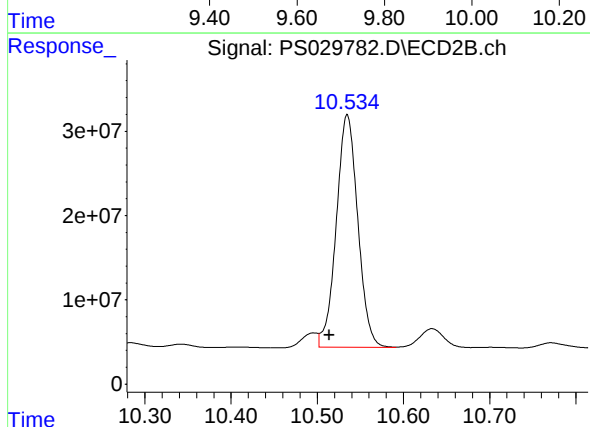
#13 2,4-DB

R.T.: 9.719 min
Delta R.T.: -0.010 min
Response: 1378485982
Conc: 758.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
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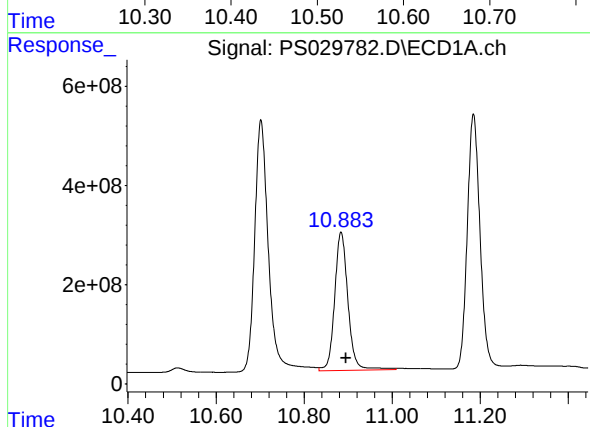
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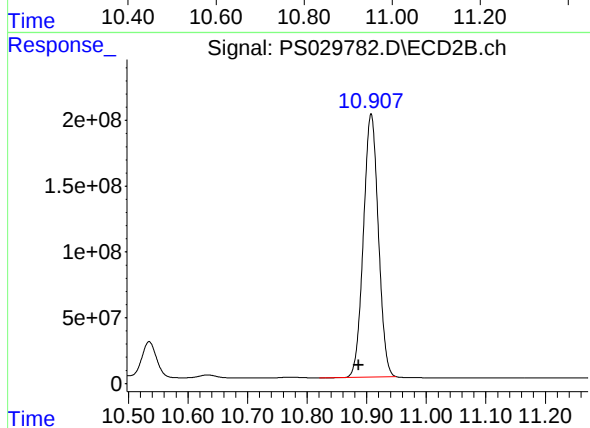
#13 2,4-DB

R.T.: 10.534 min
Delta R.T.: 0.020 min
Response: 479295249
Conc: 645.97 ng/ml



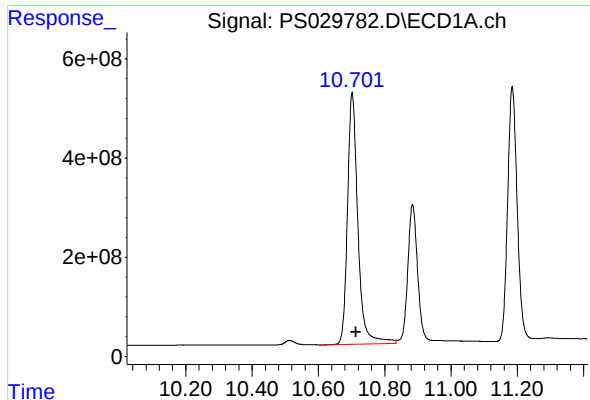
#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.011 min
Response: 5870105057
Conc: 695.34 ng/ml



#14 DINOSEB

R.T.: 10.908 min
Delta R.T.: 0.021 min
Response: 3483655985
Conc: 681.36 ng/ml



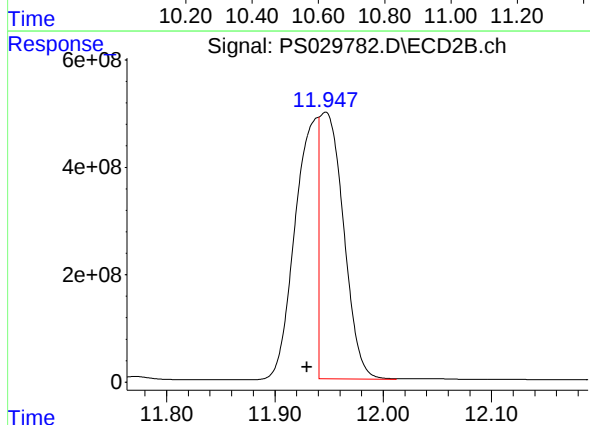
#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.011 min
Response: 11037955121
Conc: 712.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

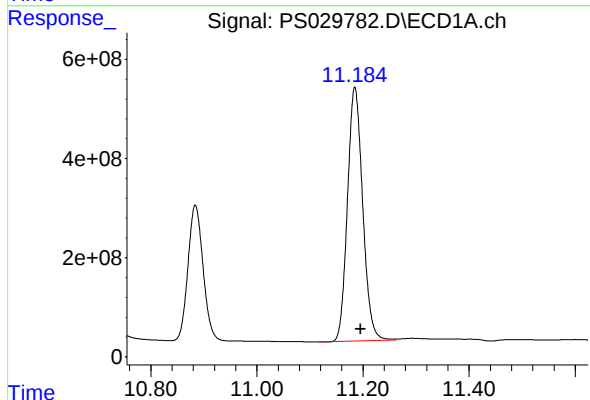
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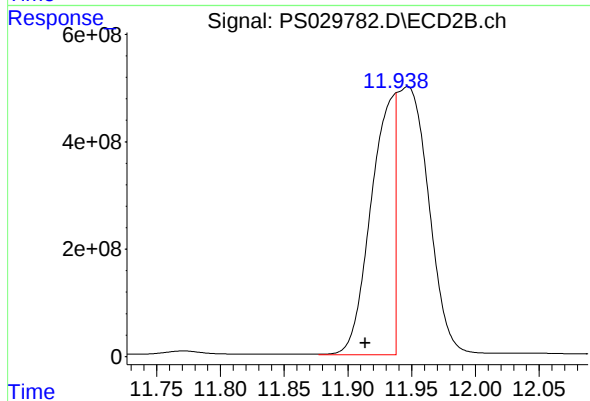
#15 Picloram

R.T.: 11.947 min
Delta R.T.: 0.017 min
Response: 7523039629
Conc: 636.23 ng/ml m



#16 DCPA

R.T.: 11.185 min
Delta R.T.: -0.011 min
Response: 10203195603
Conc: 730.57 ng/ml



#16 DCPA

R.T.: 11.938 min
Delta R.T.: 0.024 min
Response: 6476393825
Conc: 731.74 ng/ml m