

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 05:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:43:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.452	2099.4E6	596.8E6	737.196	745.761
Target Compounds							
1) T	Dalapon	2.446	2.520	3067.3E6	1284.2E6	624.021	632.297
2) T	3,5-DICHL...	6.138	6.452	2858.6E6	783.4E6	685.413	671.990
3) T	4-Nitroph...	6.723	6.987	1419.7E6	649.4E6	687.283	621.996
5) T	DICAMBA	7.109	7.638	8118.8E6	3383.2E6	702.477	715.573
6) T	MCP	7.289	7.746	552.7E6	131.5E6	75.891	71.503
7) T	MCPA	7.432	7.976	731.7E6	180.6E6	70.482	68.460
8) T	DICHLORPROP	7.789	8.330	2020.2E6	816.9E6	691.545	691.485
9) T	2,4-D	8.009	8.643	2266.6E6	916.7E6	691.271	710.309
10) T	Pentachlo...	8.287	9.143	29024.0E6	17945.6E6	716.627	726.986
11) T	2,4,5-TP ...	8.850	9.521	11486.2E6	7088.9E6	709.199	719.649
12) T	2,4,5-T	9.132	9.925	11733.6E6	6554.3E6	710.470	712.148
13) T	2,4-DB	9.690	10.483	1939.4E6	631.4E6	743.143	636.256
14) T	DINOSEB	10.850	10.856	7919.2E6	4770.3E6	692.454	698.232
15) T	Picloram	10.671	11.891	14315.7E6	9956.0E6	669.367	707.446m
16) T	DCPA	11.152	11.889	14136.6E6	9458.3E6	709.971	700.073m

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

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Acq On : 15 May 2025 05:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

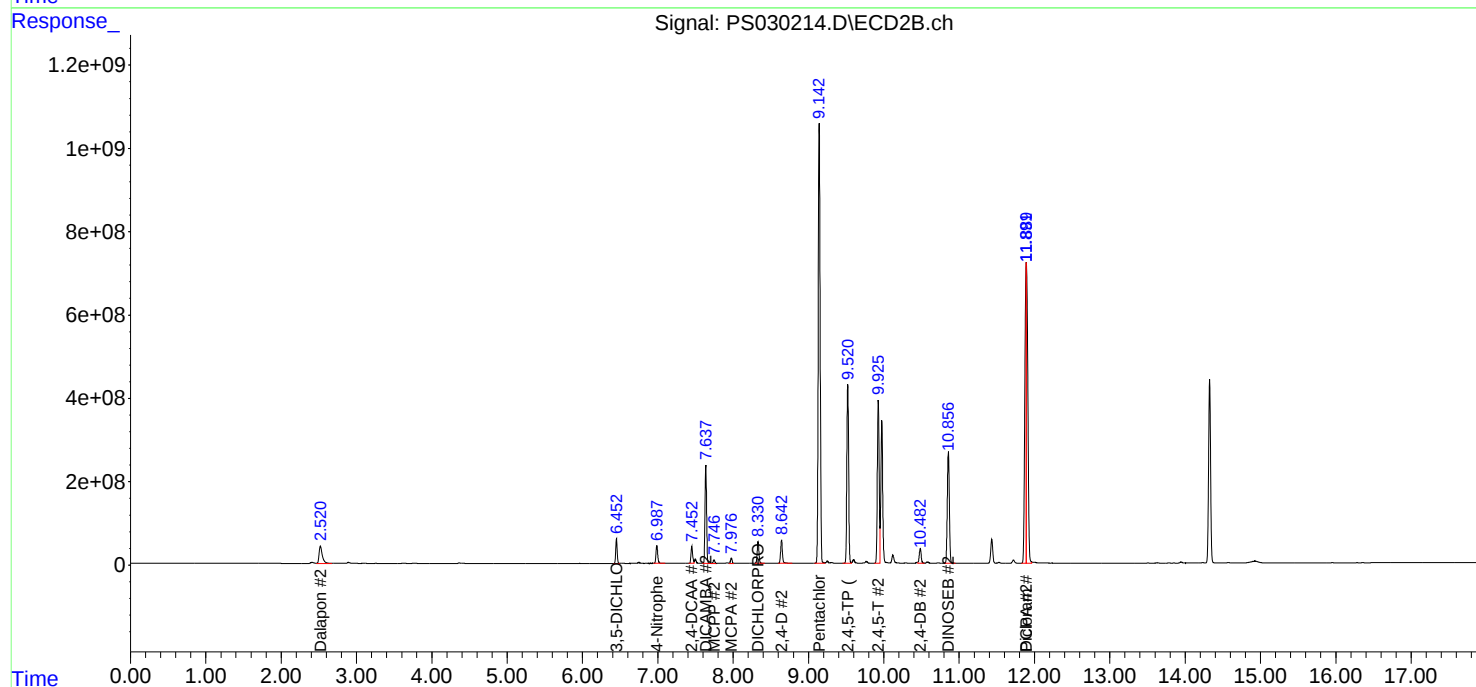
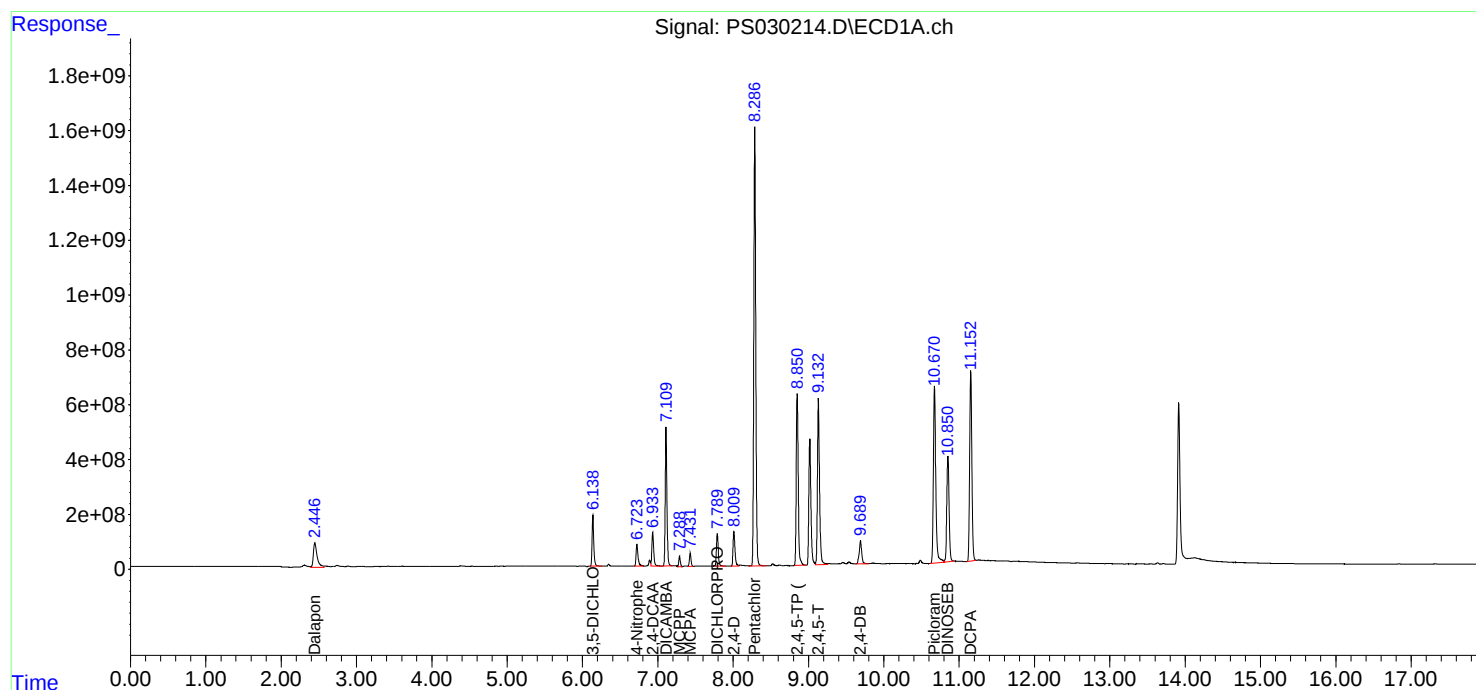
Instrument :
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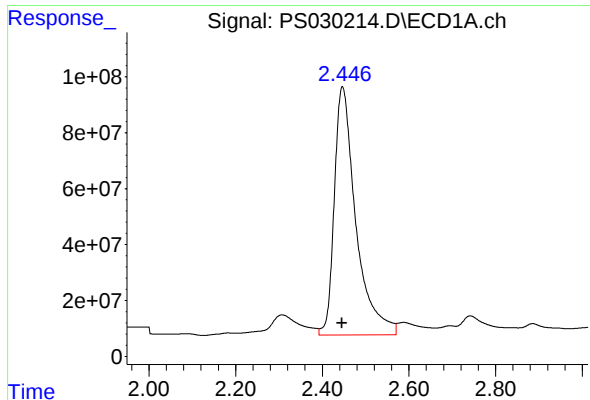
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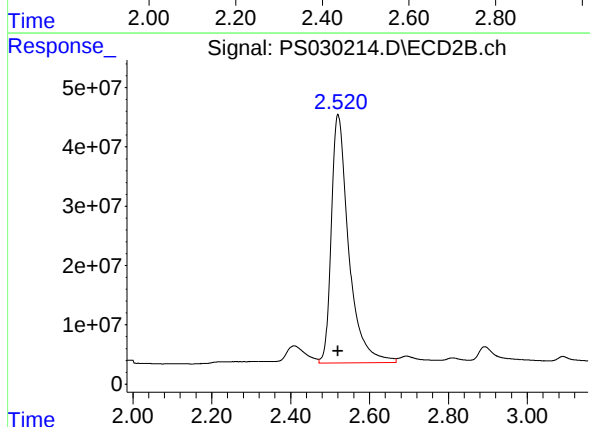
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3067288911
Conc: 624.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

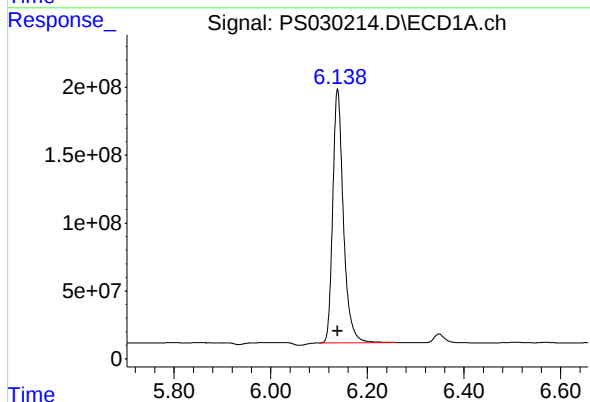
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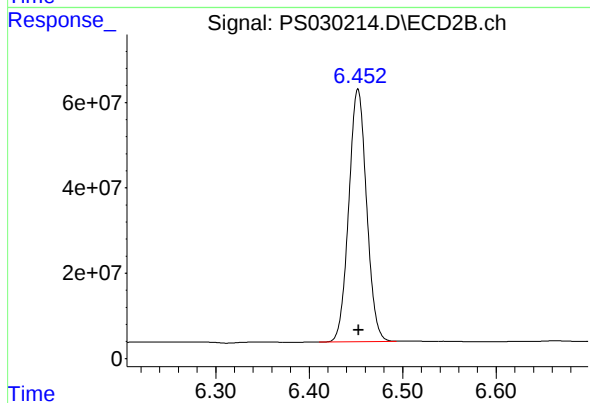
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1284227053
Conc: 632.30 ng/ml



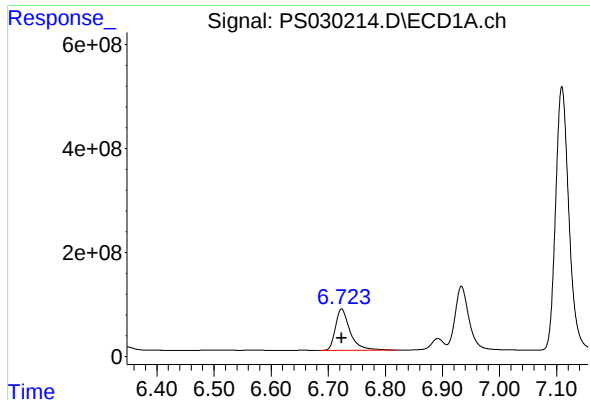
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2858552050
Conc: 685.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 783426135
Conc: 671.99 ng/ml



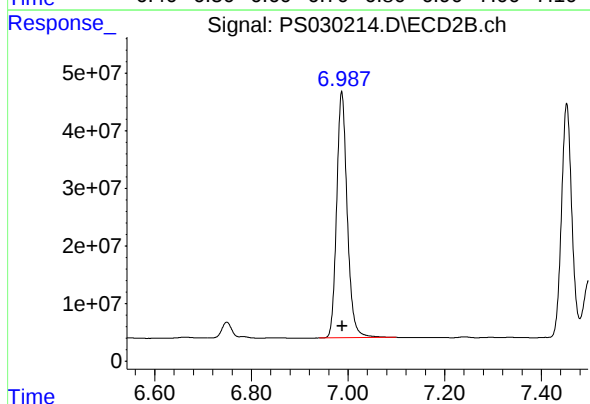
#3 4-Nitrophenol

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 1419660724
Conc: 687.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

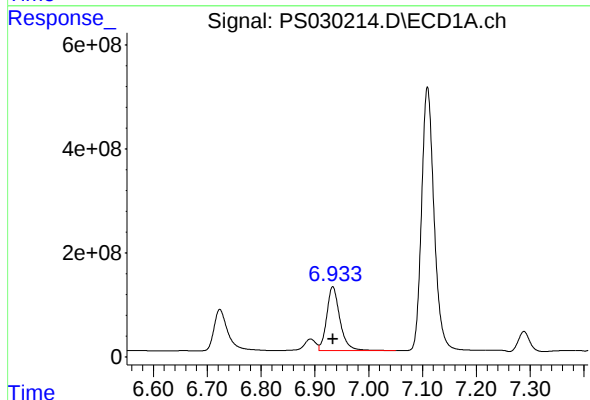
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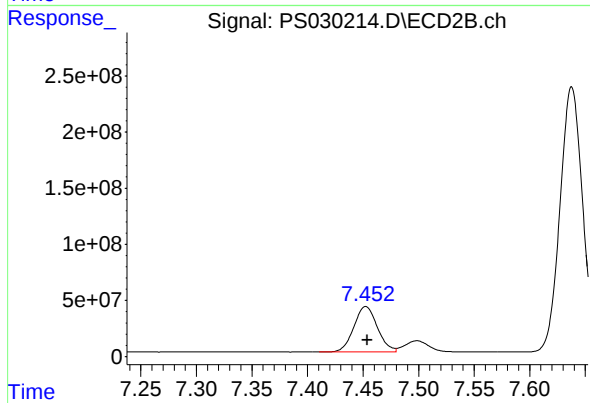
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 649384068
Conc: 622.00 ng/ml



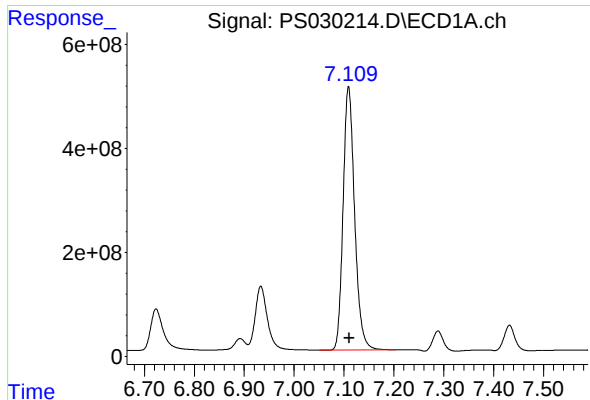
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2099394364
Conc: 737.20 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.001 min
Response: 596760248
Conc: 745.76 ng/ml



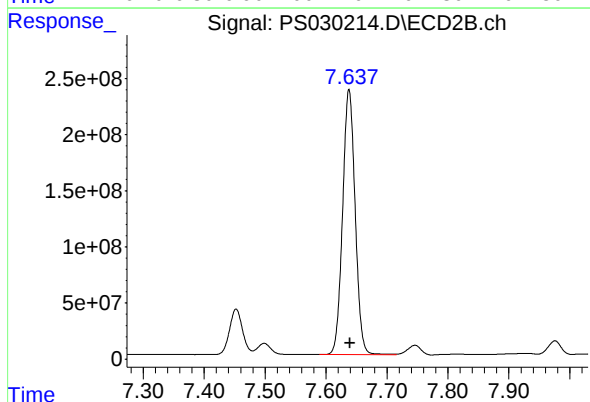
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 8118778767
Conc: 702.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

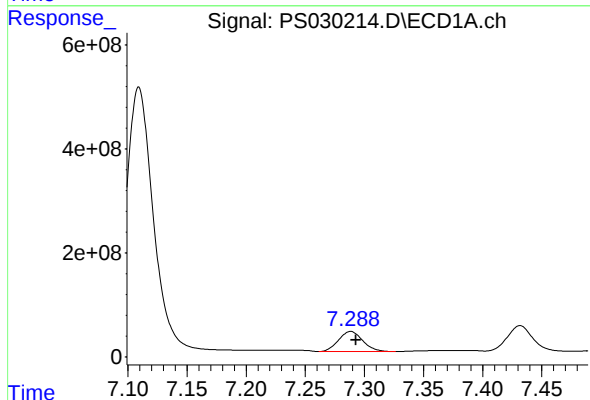
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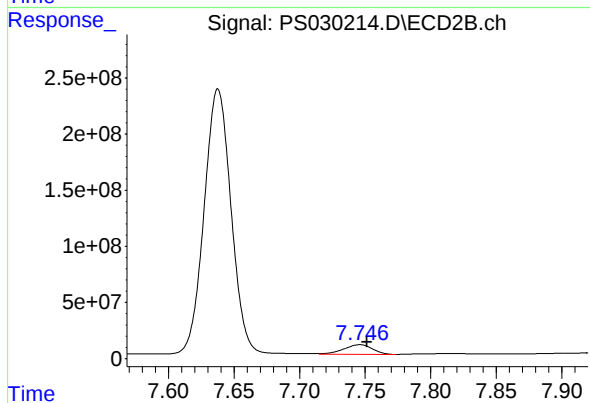
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 3383214010
Conc: 715.57 ng/ml



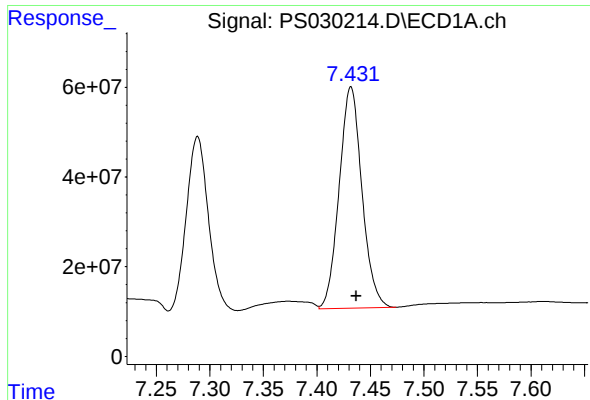
#6 MCP

R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 552686924
Conc: 75.89 ug/ml



#6 MCP

R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 131549101
Conc: 71.50 ug/ml



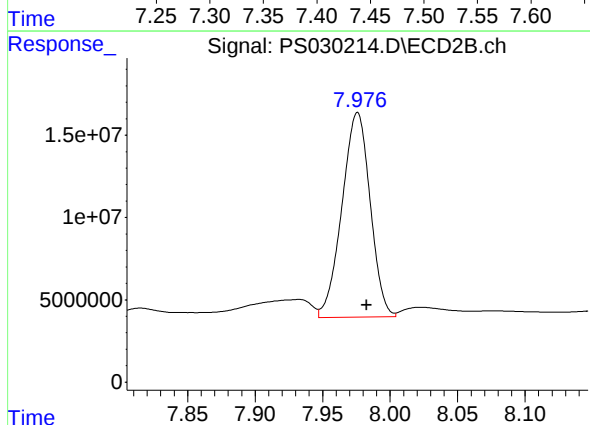
#7 MCPA

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 731662117
Conc: 70.48 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

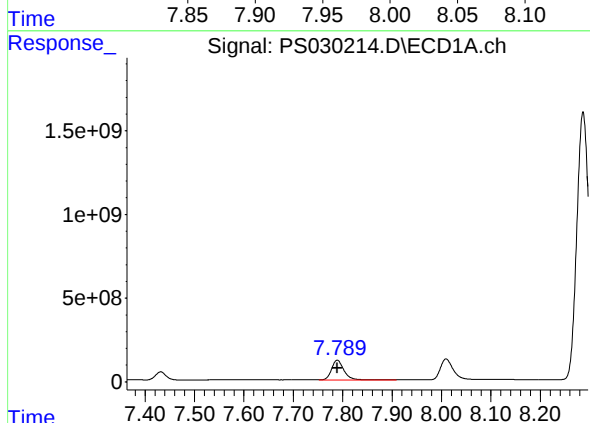
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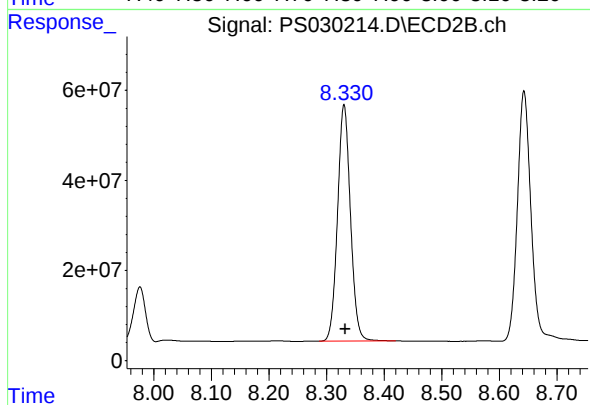
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 180577028
Conc: 68.46 ug/ml



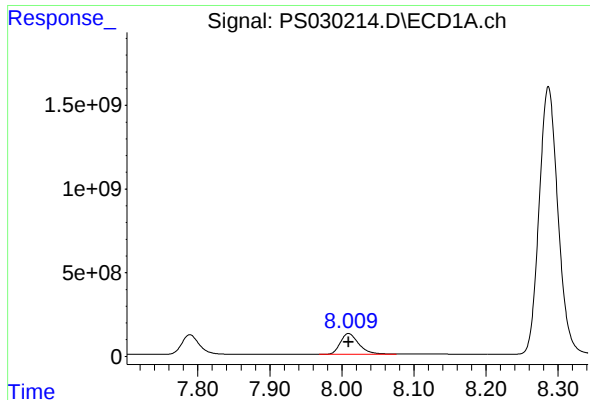
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 2020241405
Conc: 691.55 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.002 min
Response: 816942721
Conc: 691.48 ng/ml



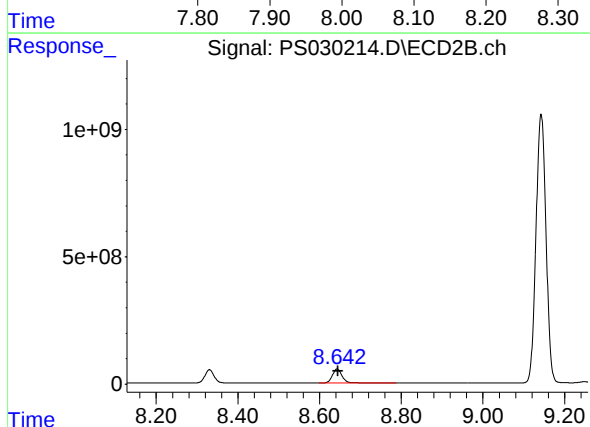
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2266633073
Conc: 691.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

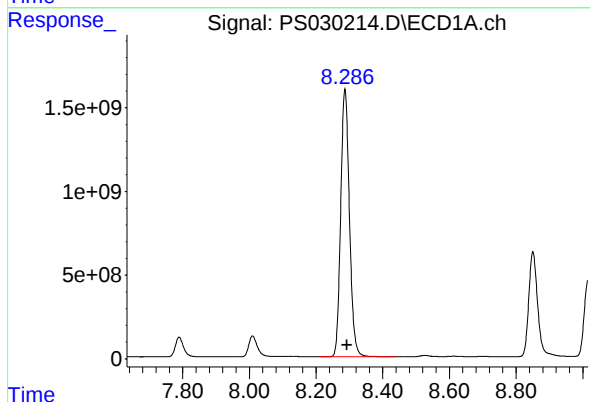
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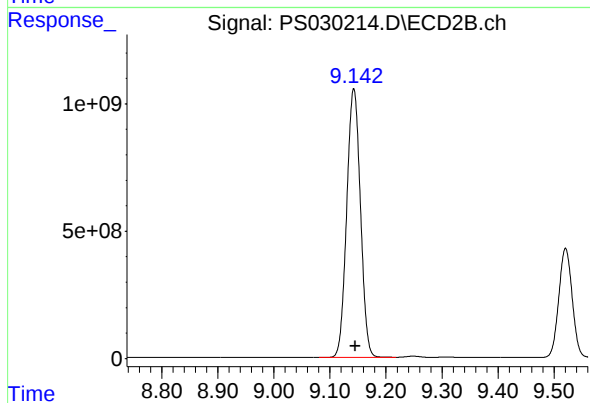
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 916654480
Conc: 710.31 ng/ml



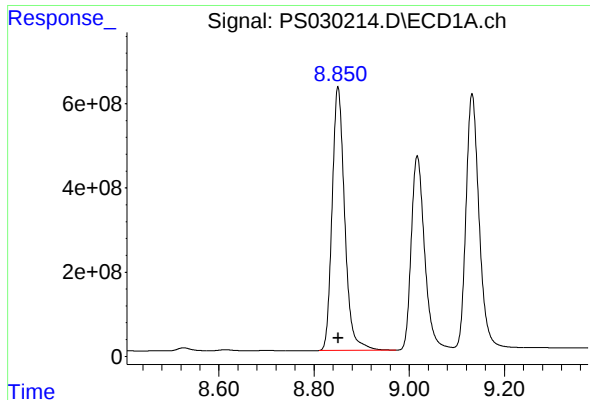
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 29023962318
Conc: 716.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 17945619563
Conc: 726.99 ng/ml



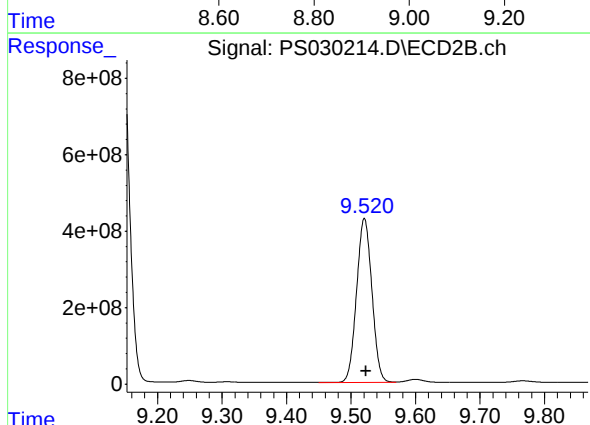
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 11486176885
Conc: 709.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

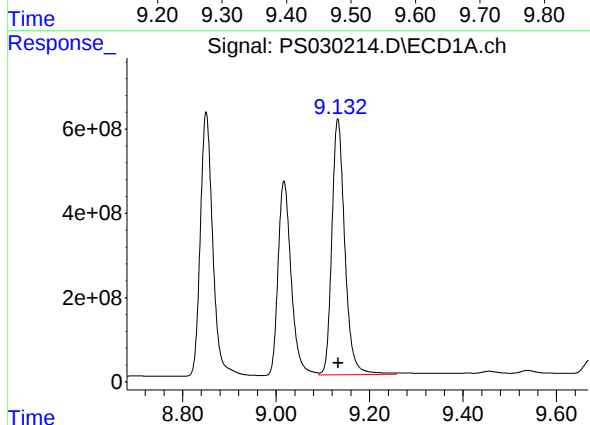
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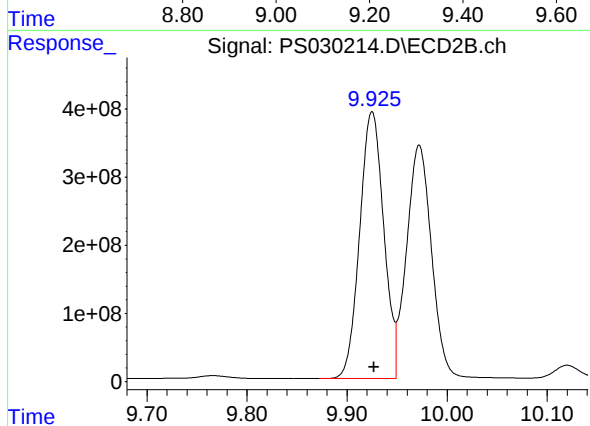
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.003 min
Response: 7088854723
Conc: 719.65 ng/ml



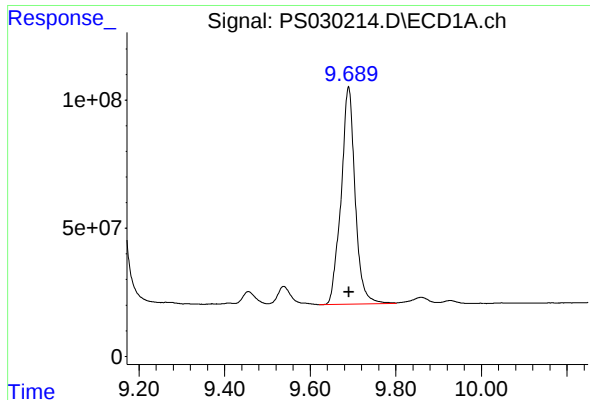
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 11733553599
Conc: 710.47 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 6554330974
Conc: 712.15 ng/ml



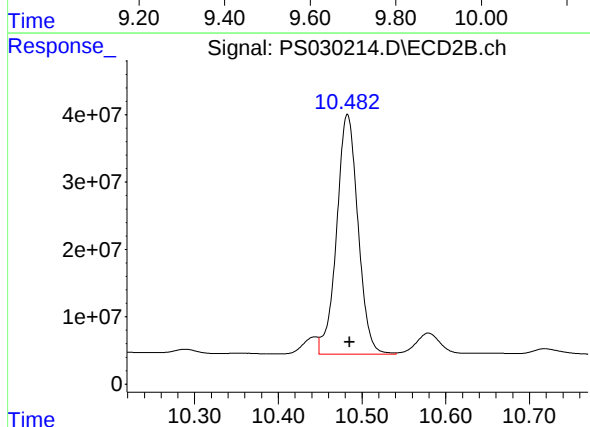
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1939433881
Conc: 743.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

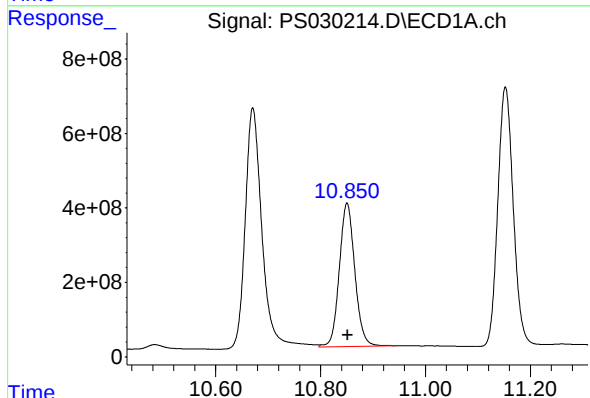
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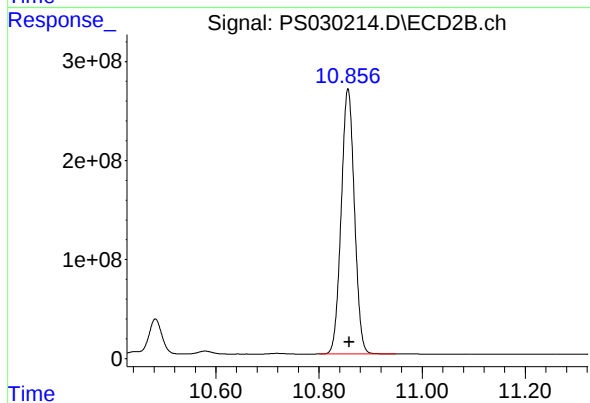
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 631403049
Conc: 636.26 ng/ml



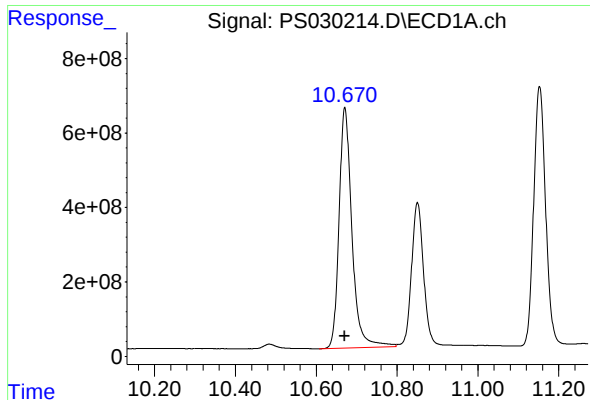
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.001 min
Response: 7919150034
Conc: 692.45 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.003 min
Response: 4770306364
Conc: 698.23 ng/ml



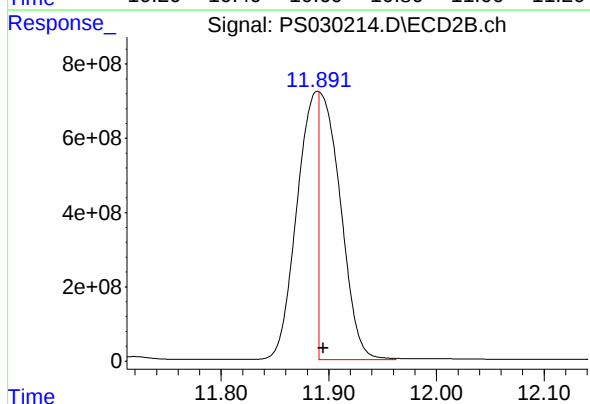
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 14315741931
Conc: 669.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

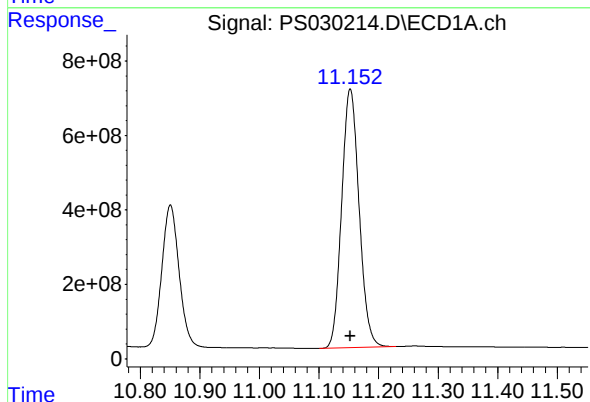
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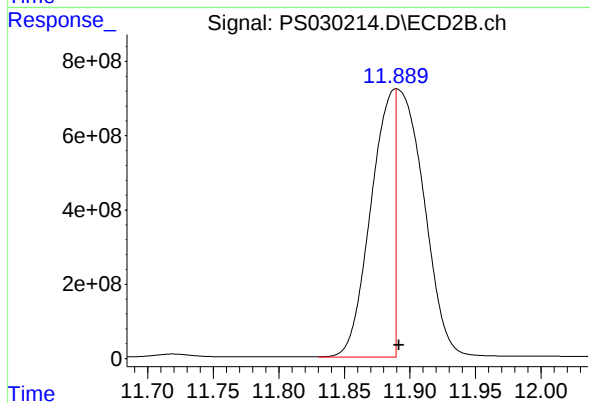
#15 Picloram

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 9955969824
Conc: 707.45 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 14136577515
Conc: 709.97 ng/ml



#16 DCPA

R.T.: 11.889 min
Delta R.T.: -0.002 min
Response: 9458346300
Conc: 700.07 ng/ml m