

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080125\
 Data File : PS031342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 12:51
 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 23:33:28 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	7.304	7.754	2042.0E6	529.4E6	700.907	633.911
Target Compounds							
1) T	Dalapon	2.682	2.697	2907.8E6	1404.9E6	602.715	572.000
2) T	3,5-DICHL...	6.468	6.703	2854.5E6	777.3E6	669.600m	601.489
3) T	4-Nitroph...	7.105	7.293	750.6E6	736.8E6	737.157	570.742
5) T	DICAMBA	7.492	7.953	7944.7E6	3212.1E6	614.885	592.545m
6) T	MCPD	7.671	8.051	545.9E6	116.0E6	67.878m	67.856m
7) T	MCPA	7.821	8.300	651.6E6	162.6E6	66.651	62.668
8) T	DICHLORPROP	8.200	8.673	1920.4E6	762.8E6	631.718	586.759
9) T	2,4-D	8.433	9.012	1872.4E6	838.3E6	722.014	600.701
10) T	Pentachlo...	8.733	9.527	31478.2E6	21135.1E6	692.152m	630.966
11) T	2,4,5-TP ...	9.313	9.911	11450.9E6	7701.2E6	687.279	606.257
12) T	2,4,5-T	9.608	10.339	10159.8E6	7129.7E6	763.854	611.224
13) T	2,4-DB	10.183	10.908	1401.4E6	575.2E6	802.087	595.496 #
14) T	DINOSEB	11.390	11.288	7965.2E6	5546.4E6	694.828	593.834
15) T	Picloram	11.210	12.406	9284.9E6	10747.0E6	792.931m	628.663
16) T	DCPA	11.689	12.331	15276.1E6	11857.2E6	736.691m	635.712m

(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

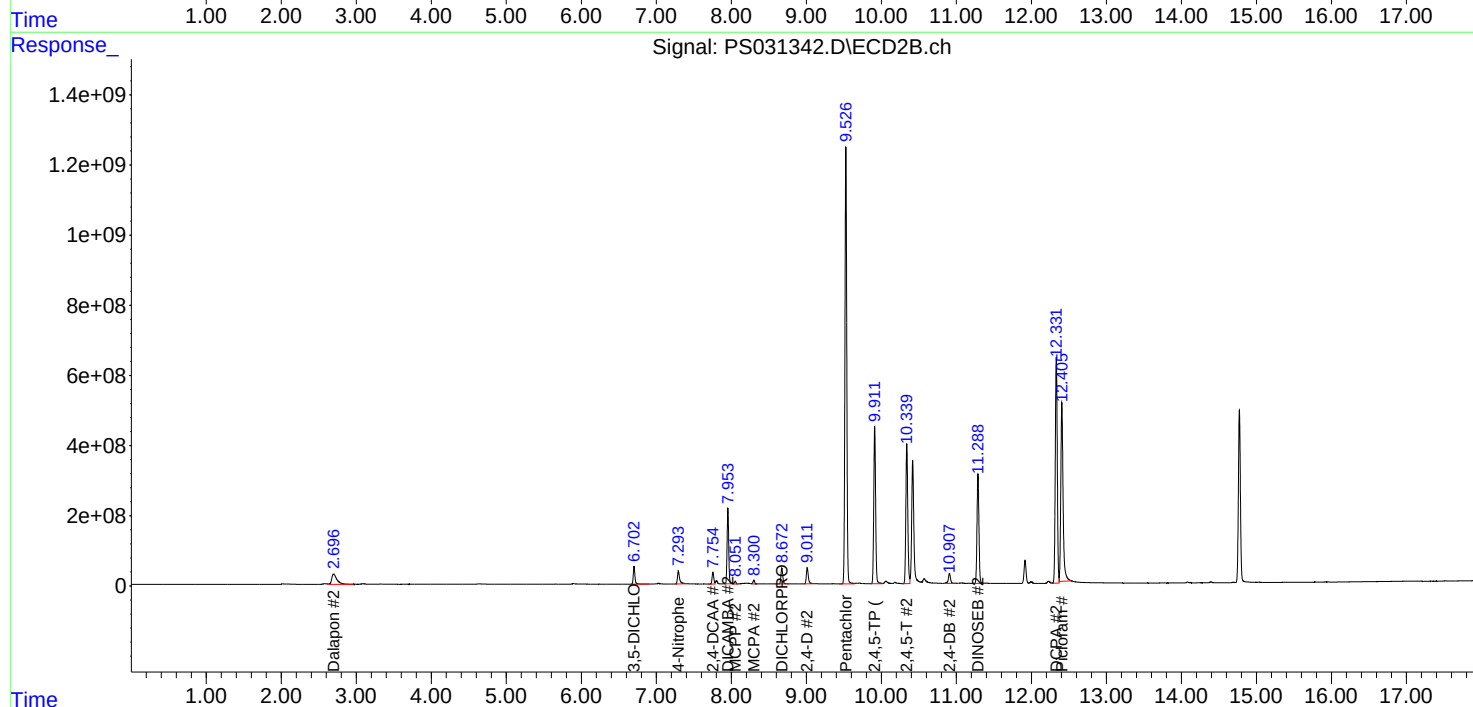
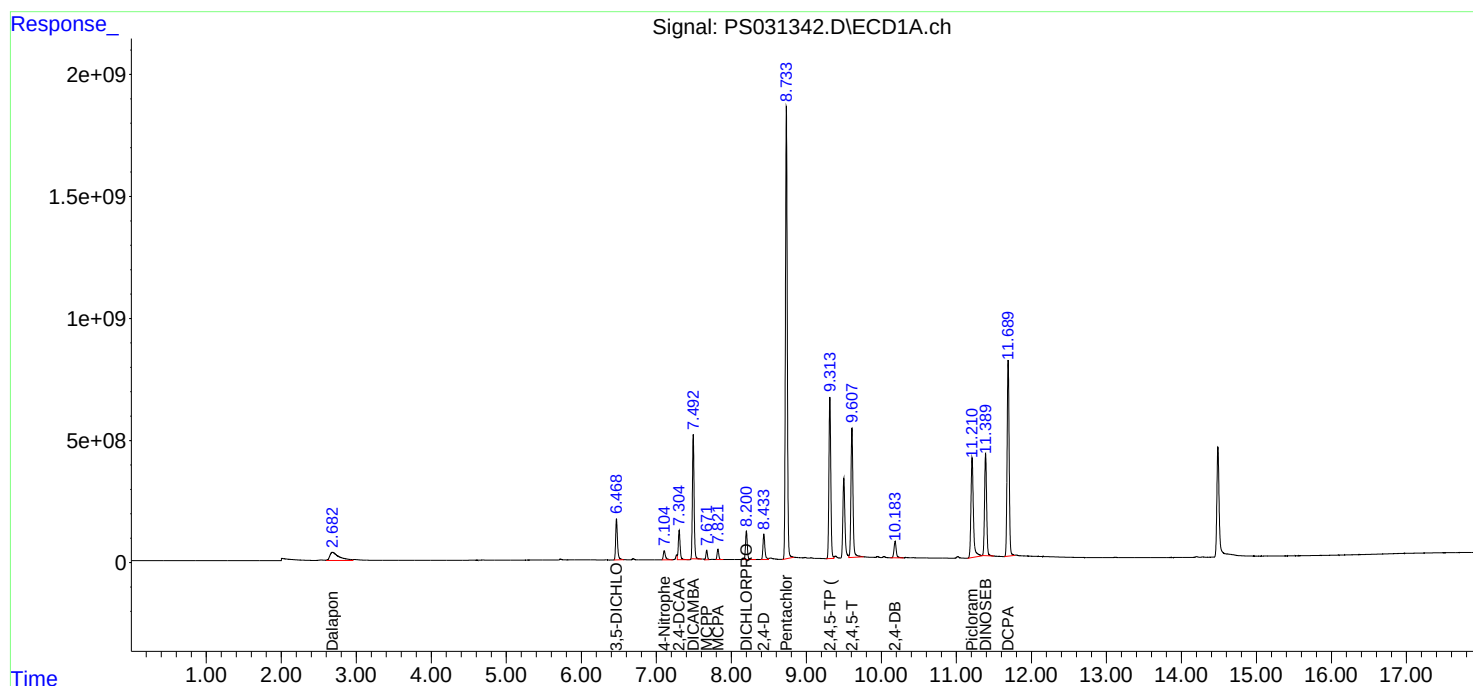
Instrument :
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ClientSampleId :
HSTDCCC750

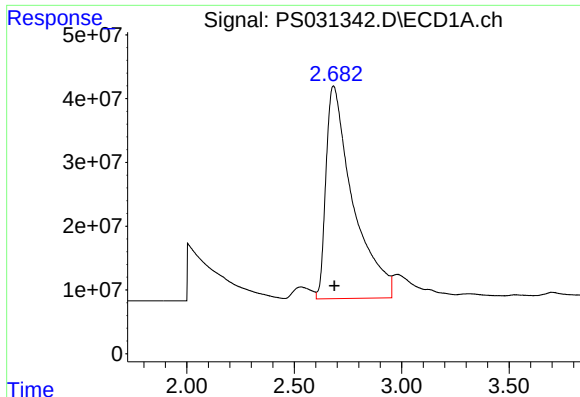
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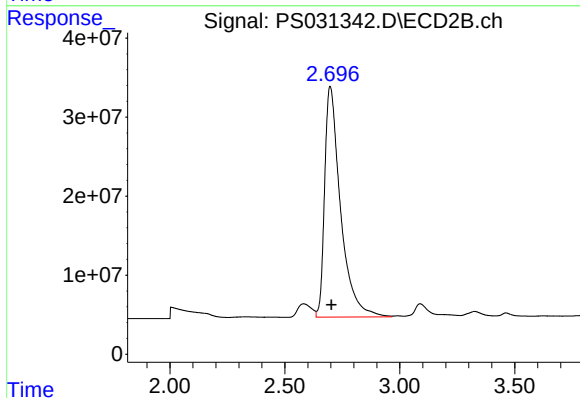
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.005 min
Response: 2907833260
Conc: 602.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

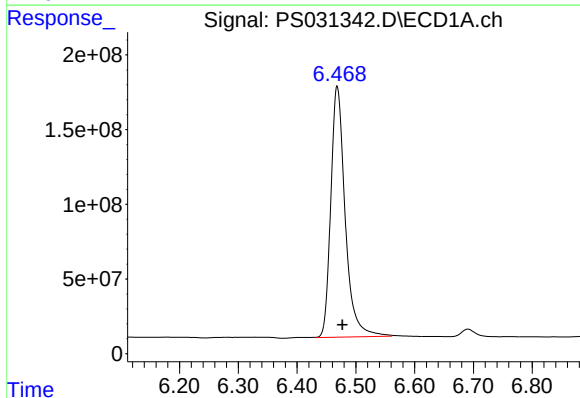
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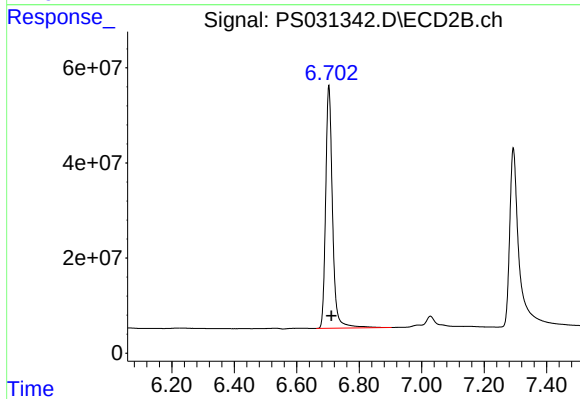
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.006 min
Response: 1404938933
Conc: 572.00 ng/ml



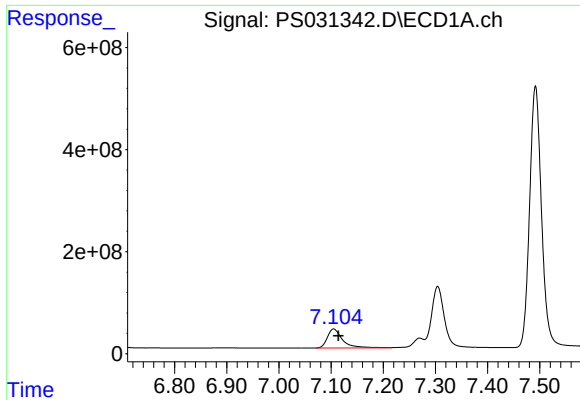
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.009 min
Response: 2854460026
Conc: 669.60 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 777286013
Conc: 601.49 ng/ml



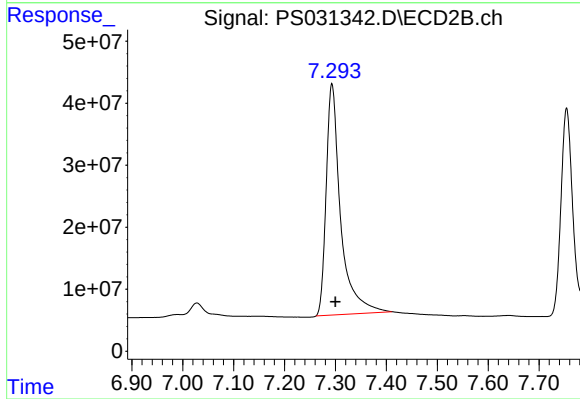
#3 4-Nitrophenol

R.T.: 7.105 min
Delta R.T.: -0.009 min
Response: 750573653
Conc: 737.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

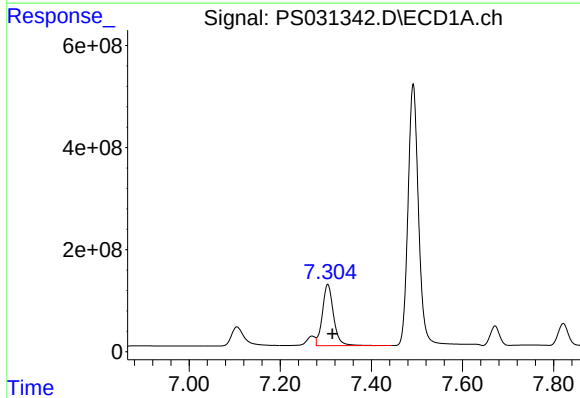
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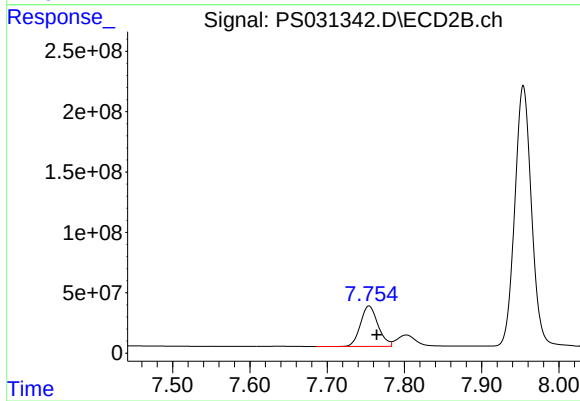
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: -0.007 min
Response: 736777698
Conc: 570.74 ng/ml



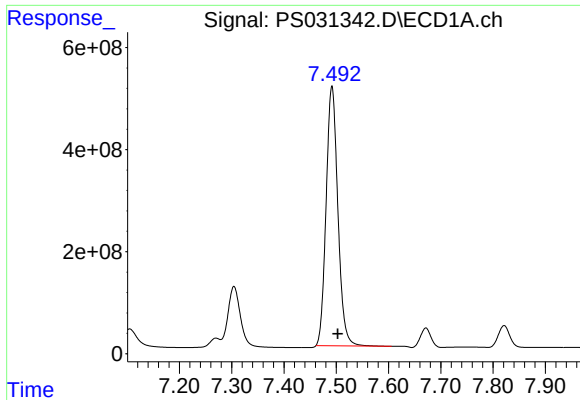
#4 2,4-DCAA

R.T.: 7.304 min
Delta R.T.: -0.010 min
Response: 2042026671
Conc: 700.91 ng/ml



#4 2,4-DCAA

R.T.: 7.754 min
Delta R.T.: -0.010 min
Response: 529367269
Conc: 633.91 ng/ml



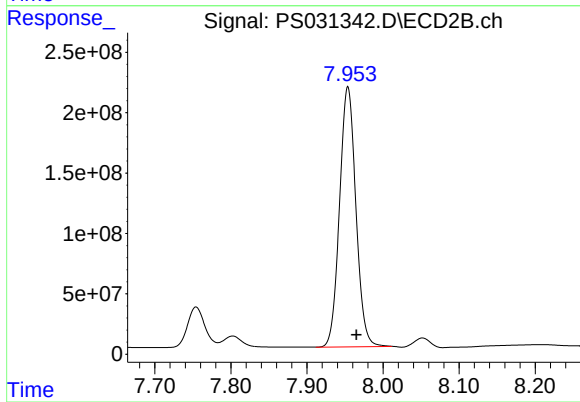
#5 DICAMBA

R.T.: 7.492 min
Delta R.T.: -0.011 min
Response: 7944676580
Conc: 614.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

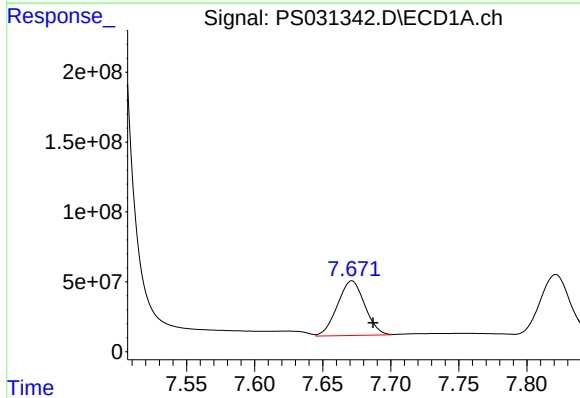
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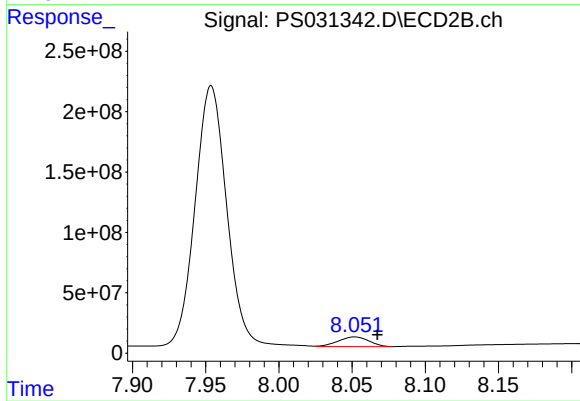
#5 DICAMBA

R.T.: 7.953 min
Delta R.T.: -0.011 min
Response: 3212095588
Conc: 592.54 ng/ml m



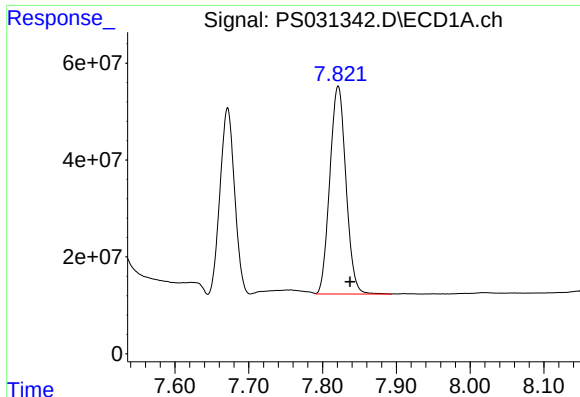
#6 MCP

R.T.: 7.671 min
Delta R.T.: -0.016 min
Response: 545920218
Conc: 67.88 ug/ml m



#6 MCP

R.T.: 8.051 min
Delta R.T.: -0.016 min
Response: 115991155
Conc: 67.86 ug/ml m



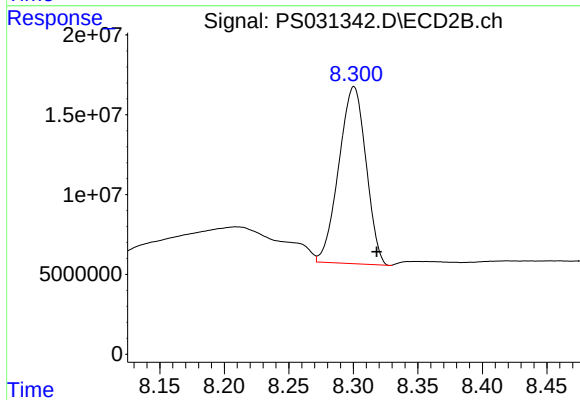
#7 MCPA

R.T.: 7.821 min
Delta R.T.: -0.016 min
Response: 651577198
Conc: 66.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

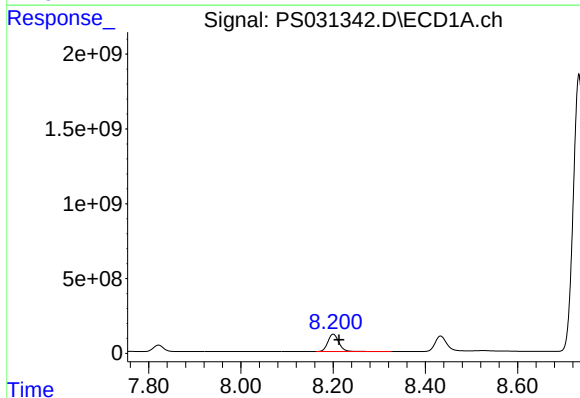
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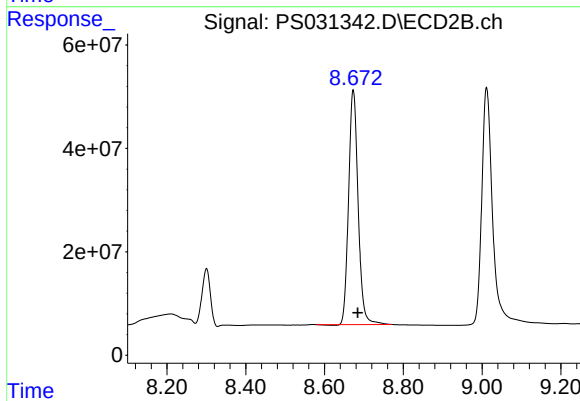
#7 MCPA

R.T.: 8.300 min
Delta R.T.: -0.018 min
Response: 162558400
Conc: 62.67 ug/ml



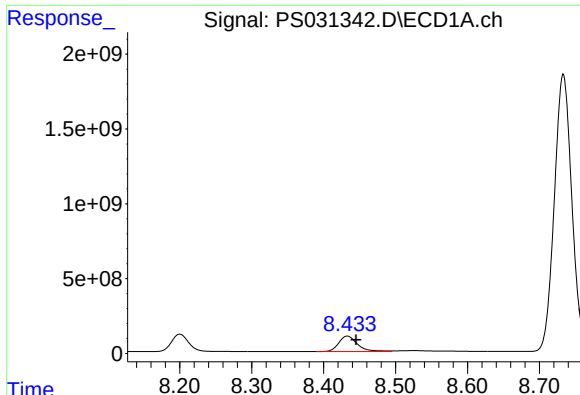
#8 DICHLORPROP

R.T.: 8.200 min
Delta R.T.: -0.013 min
Response: 1920430586
Conc: 631.72 ng/ml



#8 DICHLORPROP

R.T.: 8.673 min
Delta R.T.: -0.012 min
Response: 762820121
Conc: 586.76 ng/ml



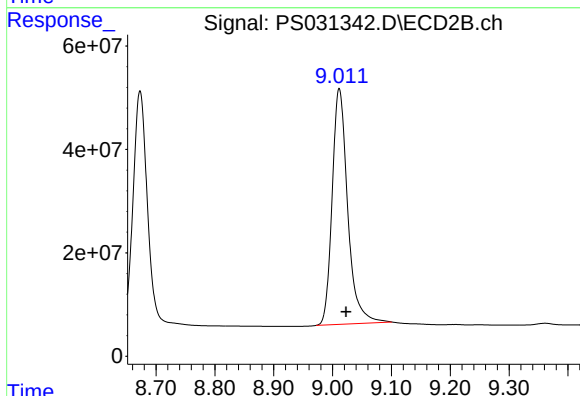
#9 2,4-D

R.T.: 8.433 min
Delta R.T.: -0.012 min
Response: 1872428227
Conc: 722.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

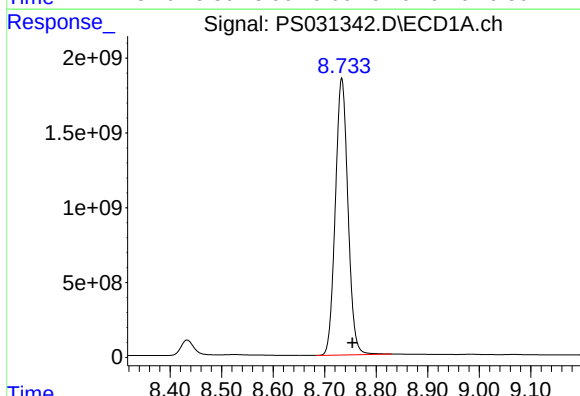
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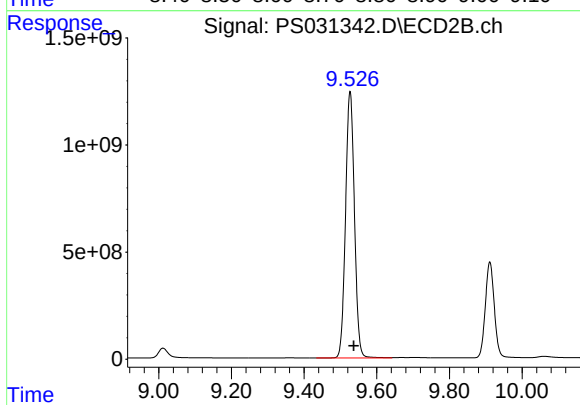
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: -0.011 min
Response: 838295886
Conc: 600.70 ng/ml



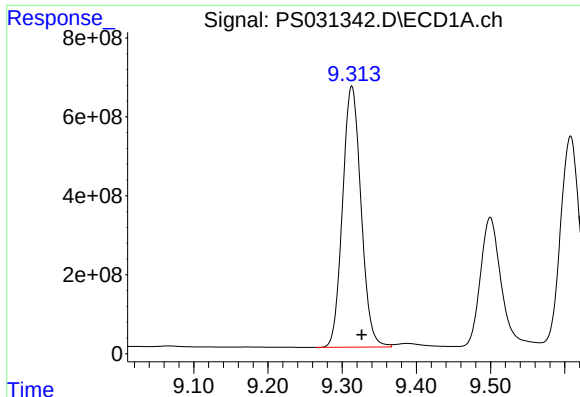
#10 Pentachlorophenol

R.T.: 8.733 min
Delta R.T.: -0.021 min
Response: 31478212187
Conc: 692.15 ng/ml m



#10 Pentachlorophenol

R.T.: 9.527 min
Delta R.T.: -0.011 min
Response: 21135082934
Conc: 630.97 ng/ml



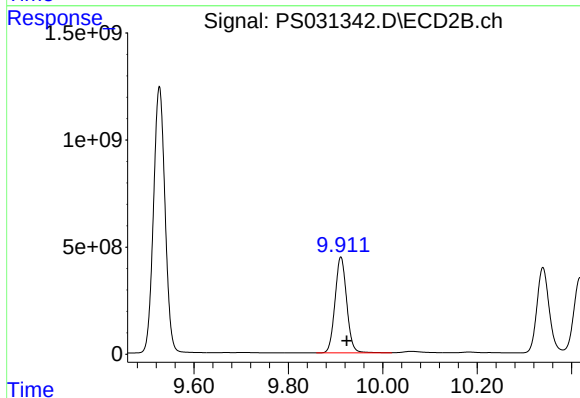
#11 2,4,5-TP (SILVEX)

R.T.: 9.313 min
Delta R.T.: -0.013 min
Response: 11450927904
Conc: 687.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

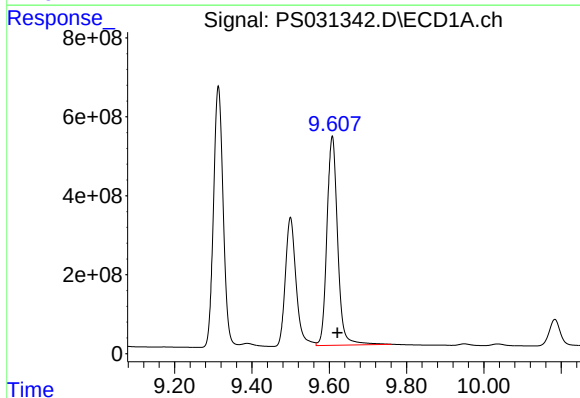
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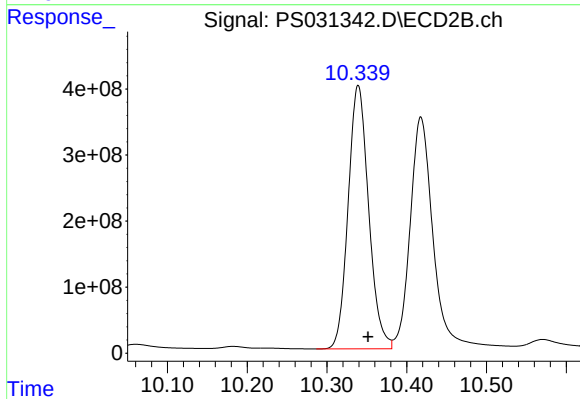
#11 2,4,5-TP (SILVEX)

R.T.: 9.911 min
Delta R.T.: -0.013 min
Response: 7701165376
Conc: 606.26 ng/ml



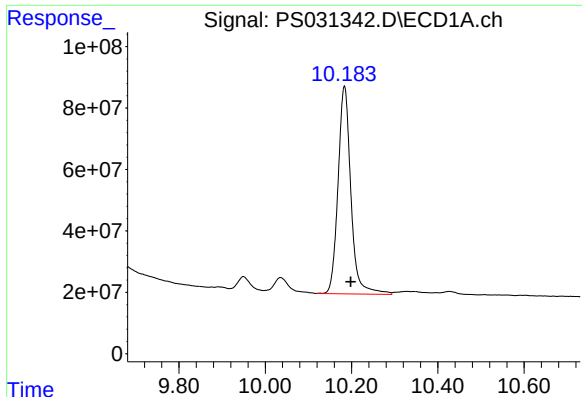
#12 2,4,5-T

R.T.: 9.608 min
Delta R.T.: -0.013 min
Response: 10159819451
Conc: 763.85 ng/ml



#12 2,4,5-T

R.T.: 10.339 min
Delta R.T.: -0.012 min
Response: 7129720108
Conc: 611.22 ng/ml



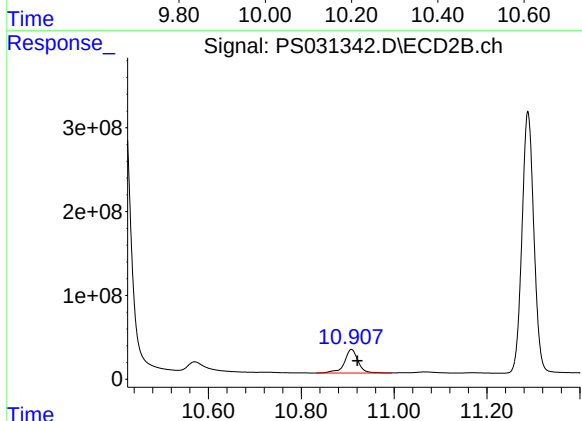
#13 2,4-DB

R.T.: 10.183 min
Delta R.T.: -0.015 min
Response: 1401449395
Conc: 802.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

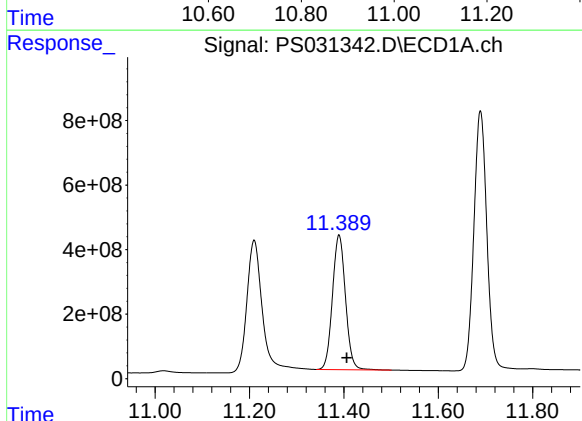
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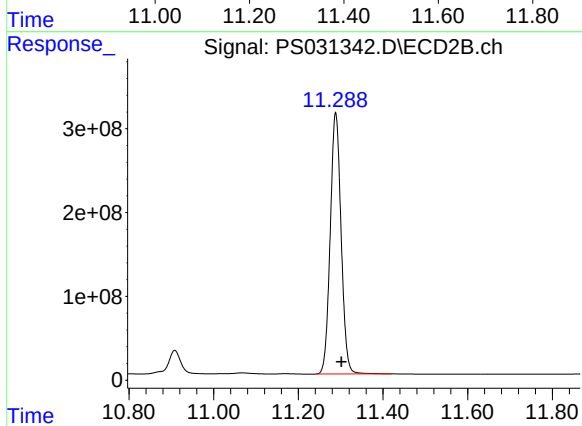
#13 2,4-DB

R.T.: 10.908 min
Delta R.T.: -0.013 min
Response: 575163134
Conc: 595.50 ng/ml



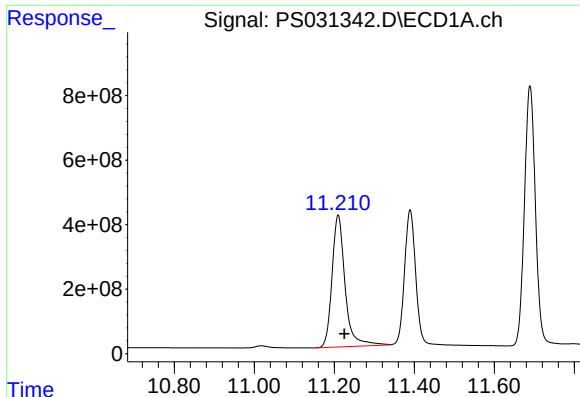
#14 DINOSEB

R.T.: 11.390 min
Delta R.T.: -0.017 min
Response: 7965187535
Conc: 694.83 ng/ml



#14 DINOSEB

R.T.: 11.288 min
Delta R.T.: -0.014 min
Response: 5546371133
Conc: 593.83 ng/ml



#15 Picloram

R.T.: 11.210 min
Delta R.T.: -0.016 min
Response: 9284928864
Conc: 792.93 ng/ml

Instrument :

ECD_S

ClientSampleId :

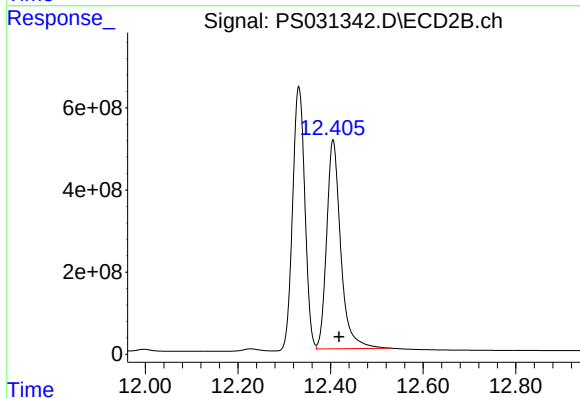
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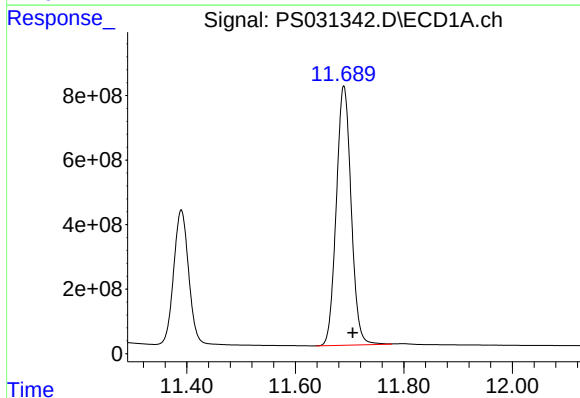
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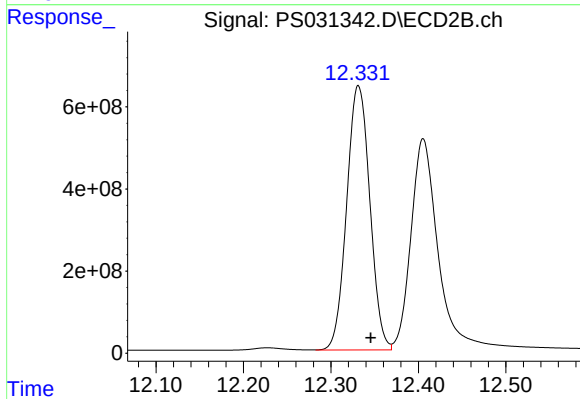
#15 Picloram

R.T.: 12.406 min
Delta R.T.: -0.013 min
Response: 10746954488
Conc: 628.66 ng/ml



#16 DCPA

R.T.: 11.689 min
Delta R.T.: -0.017 min
Response: 15276112515
Conc: 736.69 ng/ml m



#16 DCPA

R.T.: 12.331 min
Delta R.T.: -0.015 min
Response: 11857150498
Conc: 635.71 ng/ml m