

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050125\
 Data File : PS030026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 17:28
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2025
 Supervised By : mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:30:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.938	7.462	1888.4E6	569.7E6	767.297	808.568
Target Compounds							
1) T	Dalapon	2.448	2.523	2794.7E6	1185.1E6	682.429	682.626
2) T	3,5-DICHL...	6.142	6.459	2569.7E6	738.2E6	719.036	755.171
3) T	4-Nitroph...	6.728	6.995	1269.3E6	560.2E6	711.772	731.395
5) T	DICAMBA	7.114	7.648	7247.0E6	3150.6E6	731.806	797.615
6) T	MCPD	7.293	7.755	448.3E6	125.9E6	69.578	72.009
7) T	MCPA	7.436	7.985	641.0E6	170.3E6	72.586	71.966
8) T	DICHLORPROP	7.795	8.341	1817.9E6	801.4E6	717.354	798.239
9) T	2,4-D	8.015	8.653	2045.8E6	862.5E6	727.283	765.272
10) T	Pentachlo...	8.293	9.154	26237.5E6	16512.9E6	752.115	811.653
11) T	2,4,5-TP ...	8.857	9.533	10417.0E6	6556.3E6	751.434	801.336
12) T	2,4,5-T	9.139	9.937	10641.3E6	6136.4E6	757.218	790.511
13) T	2,4-DB	9.698	10.495	1757.6E6	617.9E6	769.084	767.700
14) T	DINOSEB	10.860	10.869	7519.2E6	4438.6E6	739.099	761.205
15) T	Picloram	10.678	11.905	13425.7E6	8937.7E6	732.418	727.610m
16) T	DCPA	11.161	11.901	12986.2E6	8028.3E6	762.952	712.257m

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

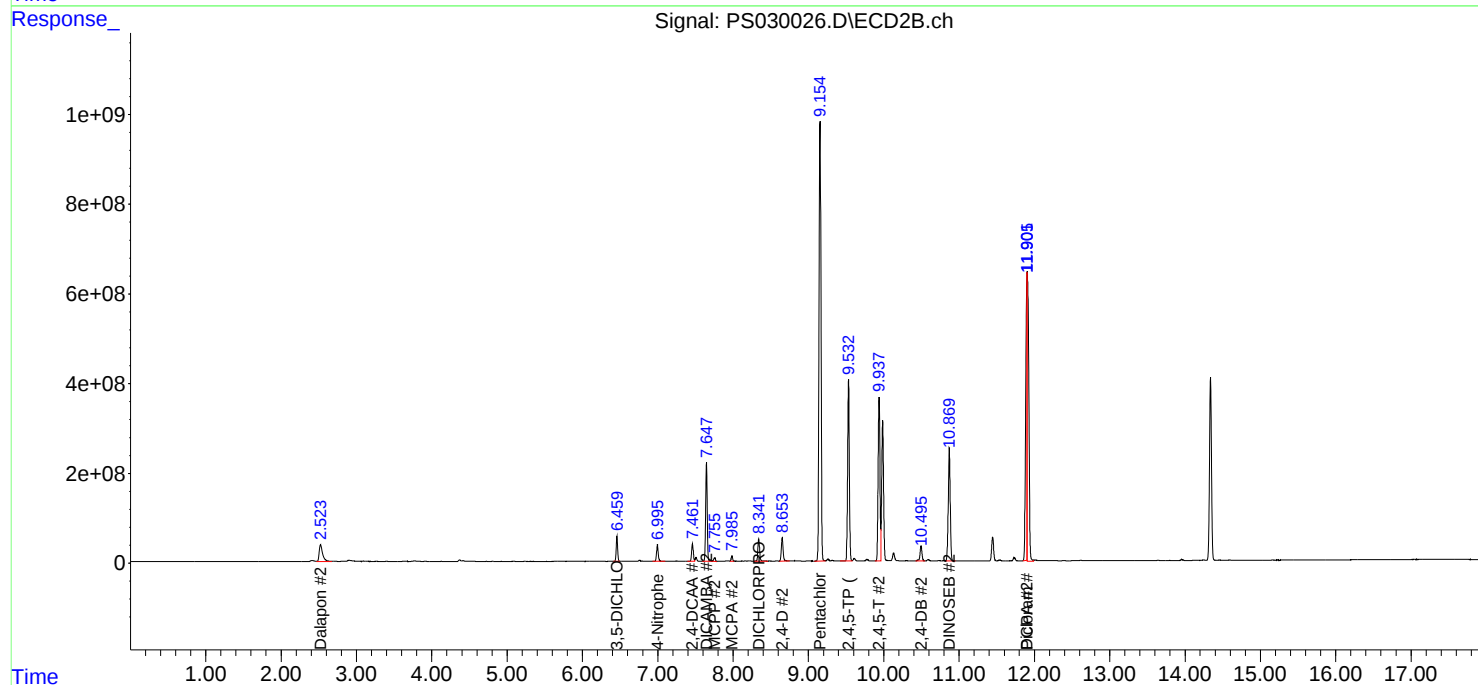
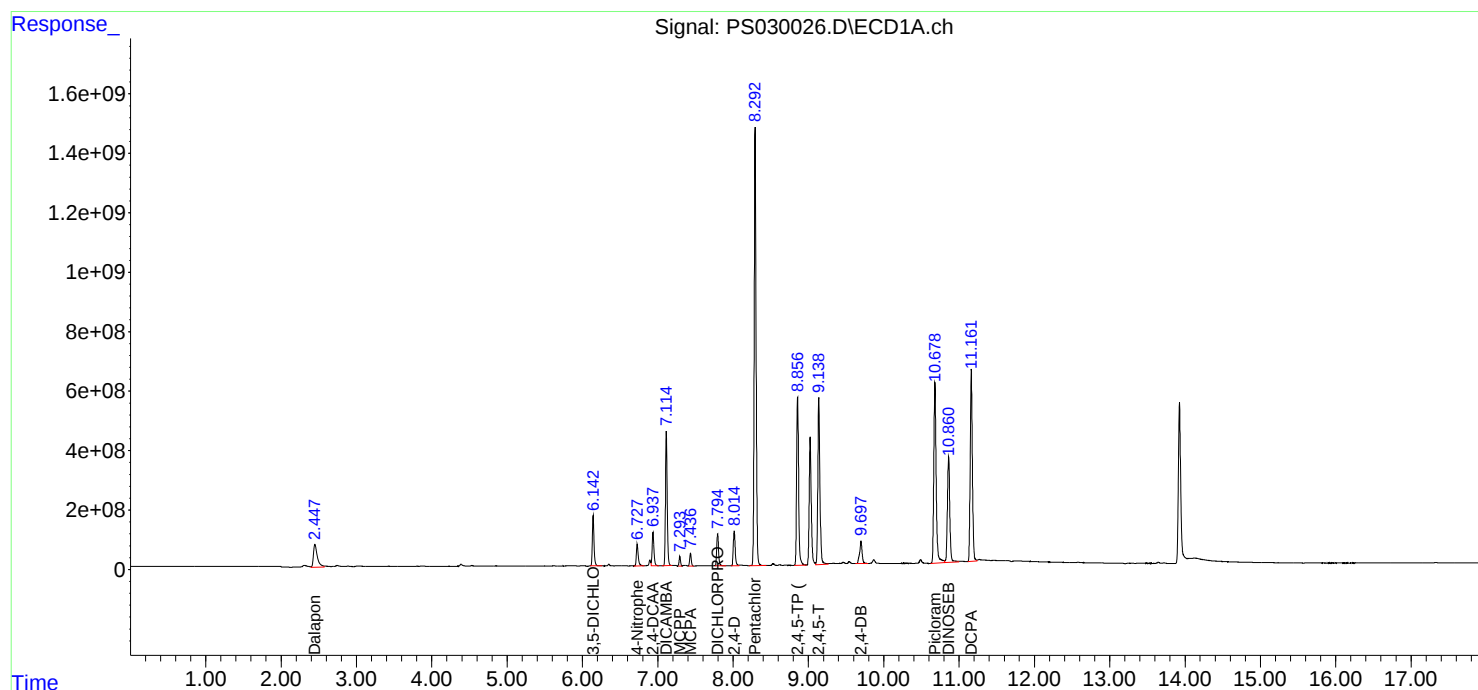
Instrument :
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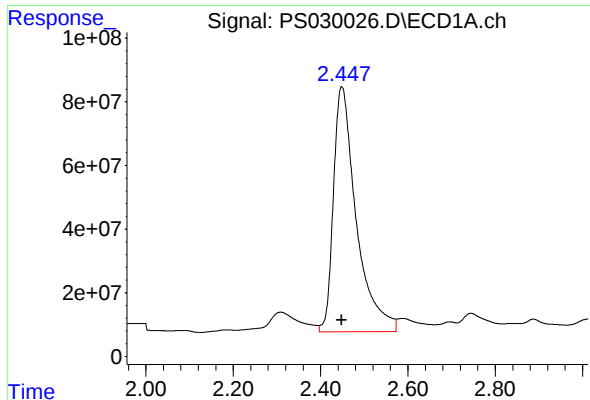
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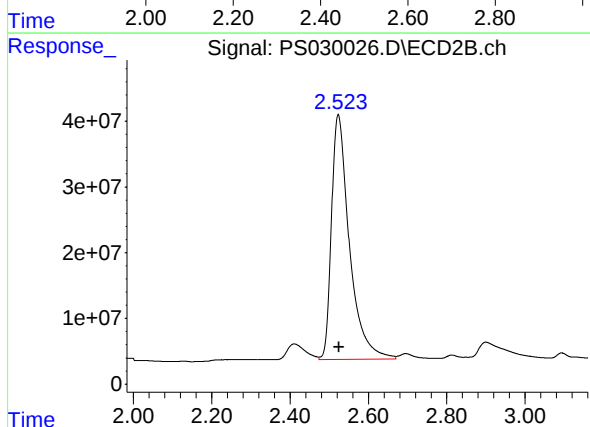
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2794723971
Conc: 682.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

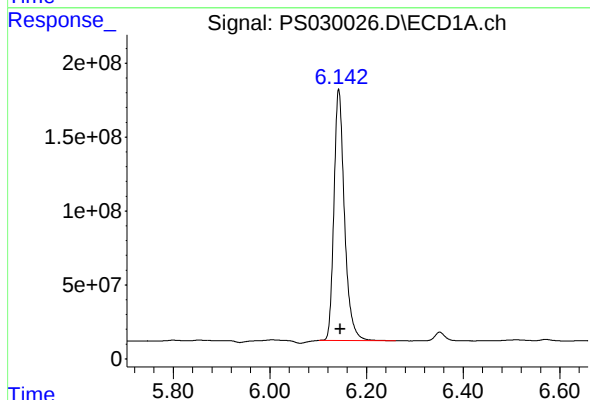
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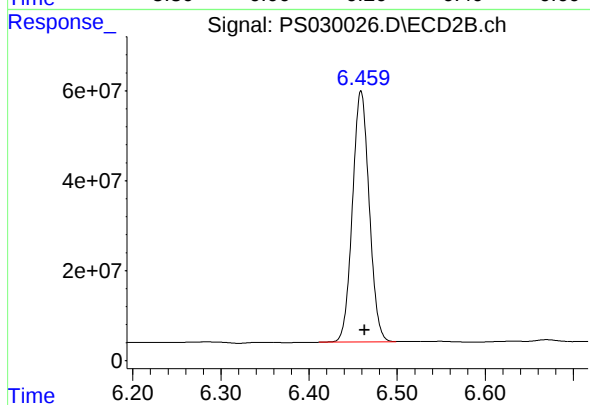
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 1185136689
Conc: 682.63 ng/ml



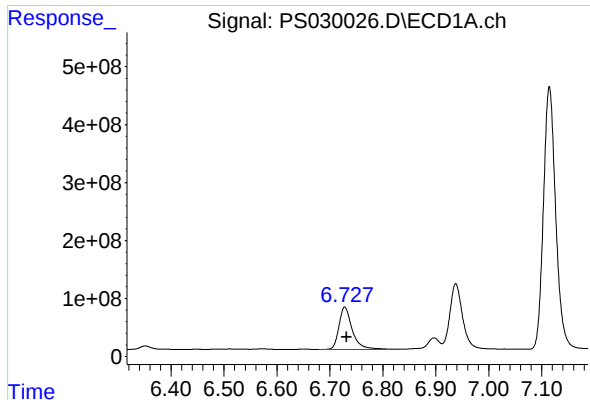
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 2569680983
Conc: 719.04 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 738239496
Conc: 755.17 ng/ml



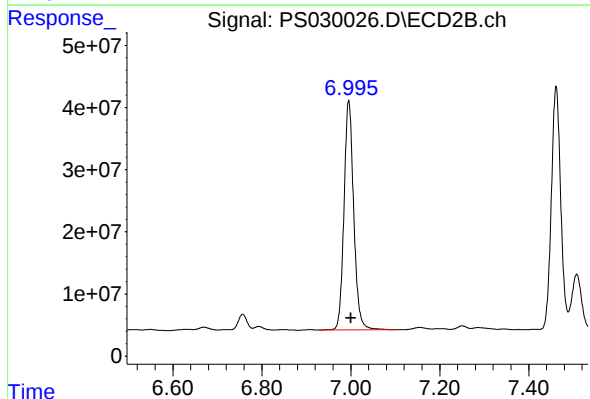
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 1269317960
Conc: 711.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

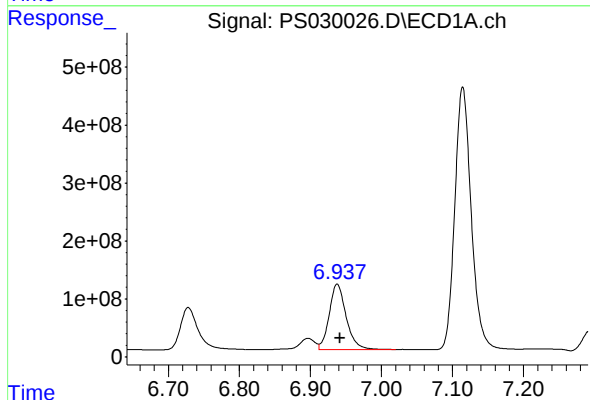
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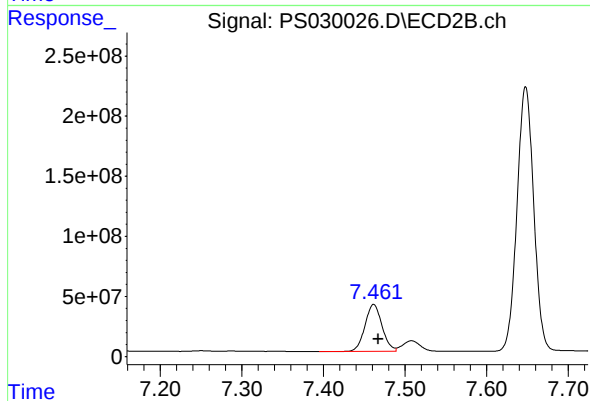
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: -0.005 min
Response: 560191374
Conc: 731.40 ng/ml



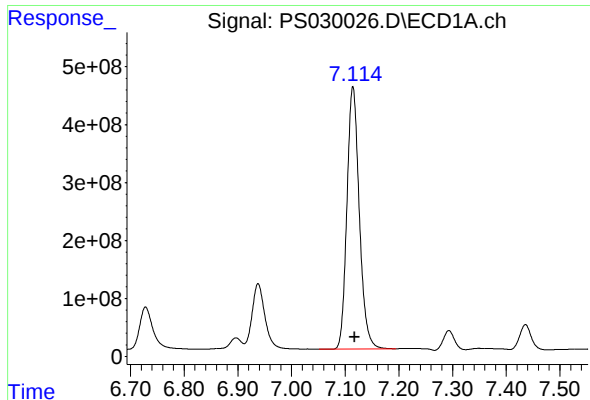
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 1888378898
Conc: 767.30 ng/ml



#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.006 min
Response: 569650088
Conc: 808.57 ng/ml



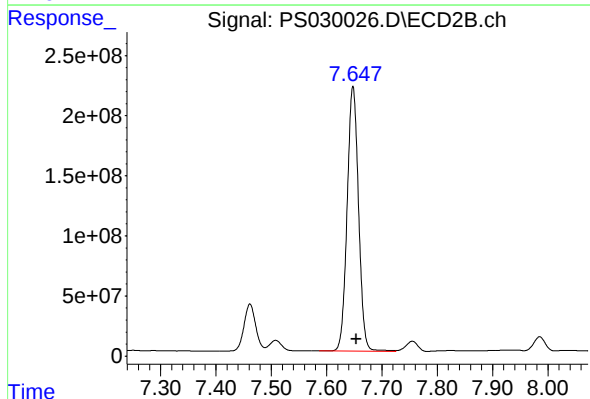
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 7246972846
Conc: 731.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

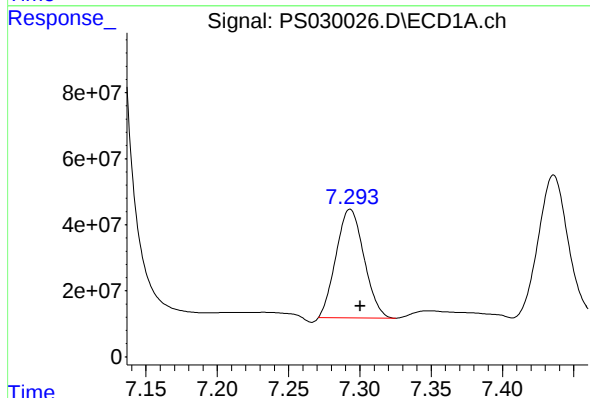
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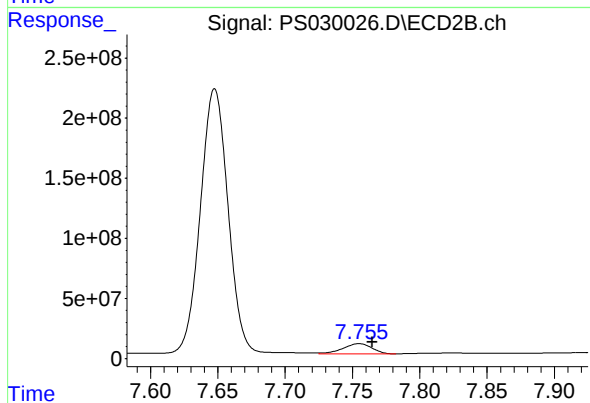
#5 DICAMBA

R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 3150630491
Conc: 797.61 ng/ml



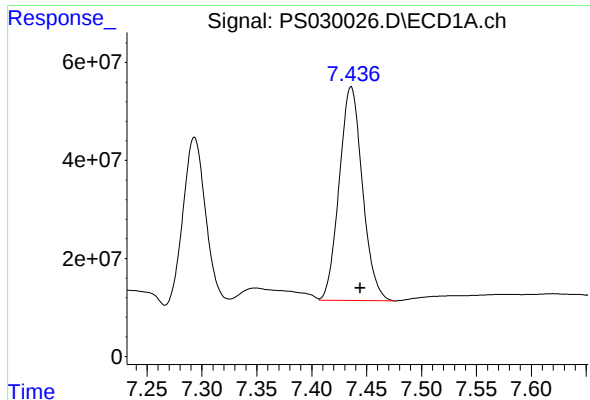
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.007 min
Response: 448334279
Conc: 69.58 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.010 min
Response: 125940998
Conc: 72.01 ug/ml



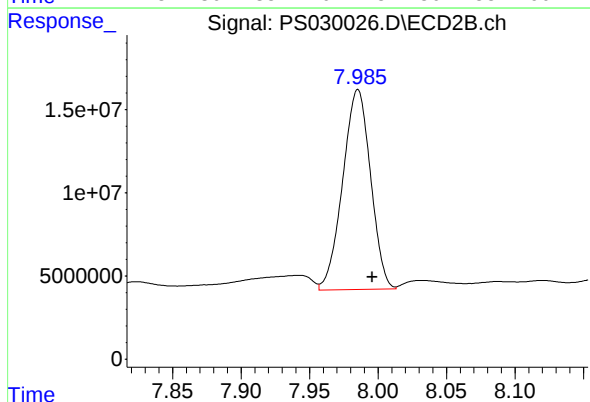
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.009 min
Response: 641028979
Conc: 72.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

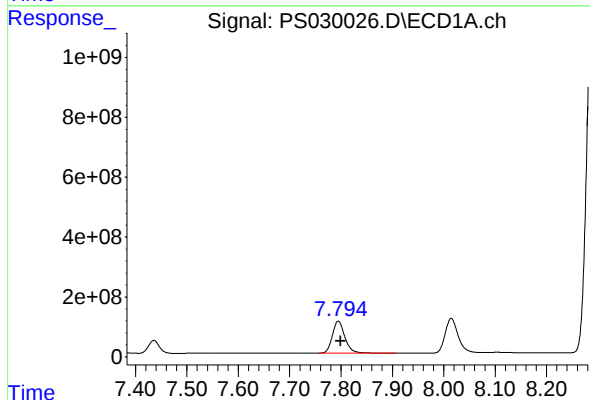
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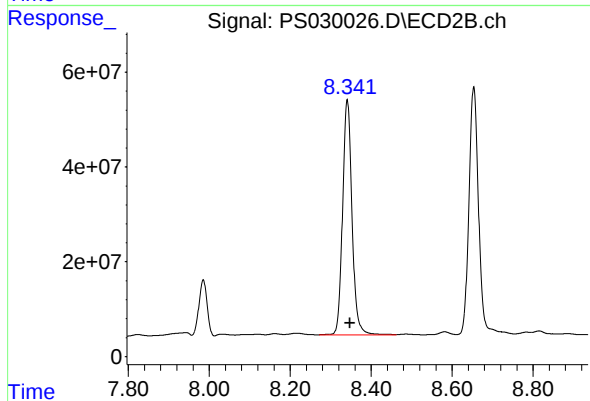
#7 MCPA

R.T.: 7.985 min
Delta R.T.: -0.010 min
Response: 170258090
Conc: 71.97 ug/ml



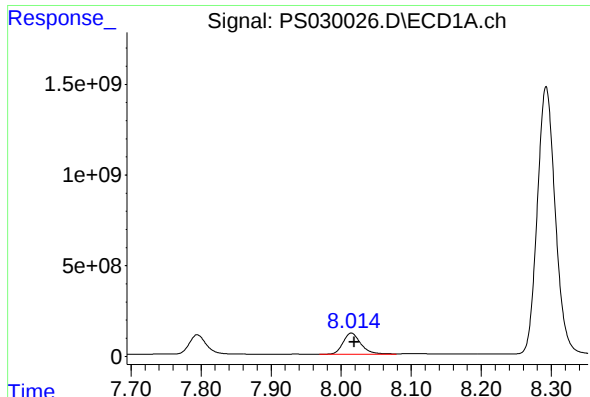
#8 DICHLORPROP

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 1817853046
Conc: 717.35 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 801403222
Conc: 798.24 ng/ml



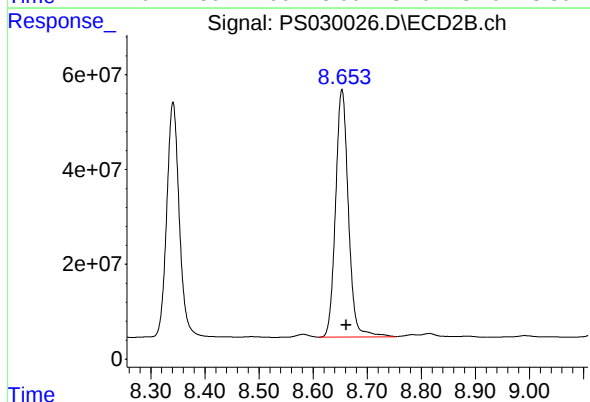
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 2045753582
Conc: 727.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

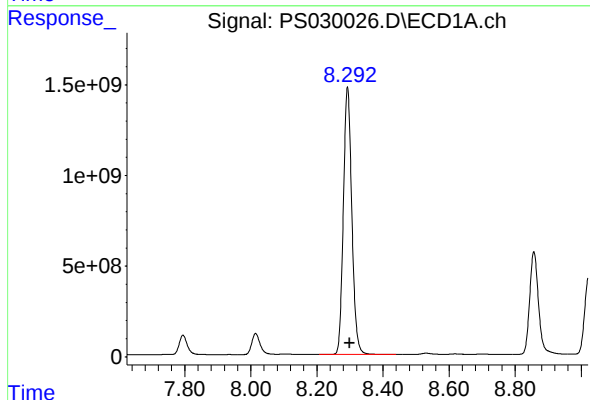
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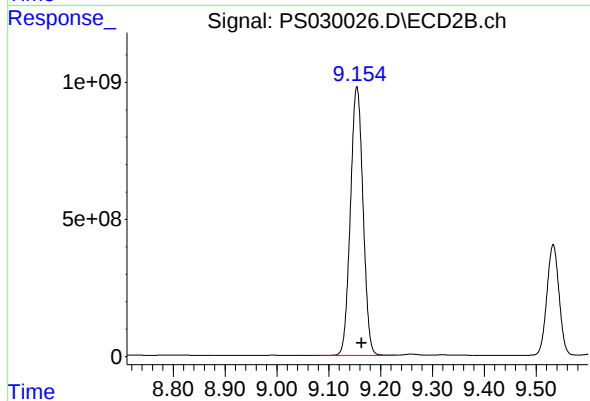
#9 2,4-D

R.T.: 8.653 min
Delta R.T.: -0.008 min
Response: 862543014
Conc: 765.27 ng/ml



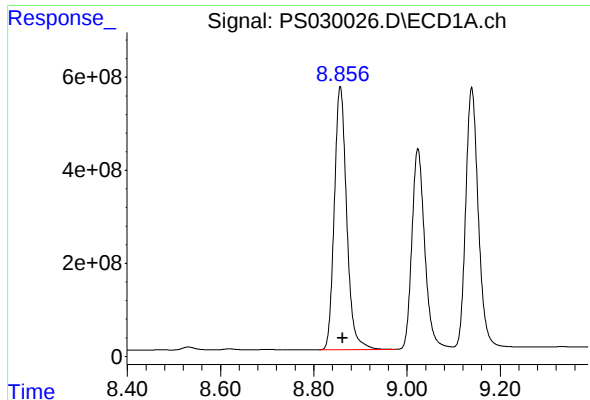
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 26237549087
Conc: 752.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.154 min
Delta R.T.: -0.009 min
Response: 16512921319
Conc: 811.65 ng/ml



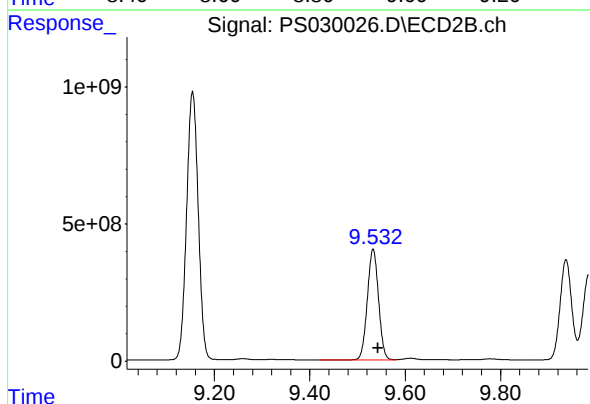
#11 2,4,5-TP (SILVEX)

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 10417003423
Conc: 751.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

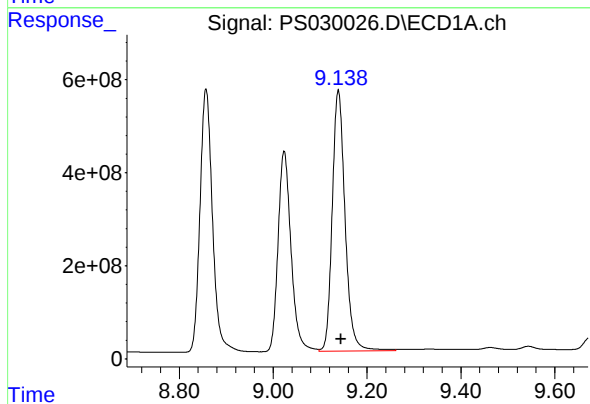
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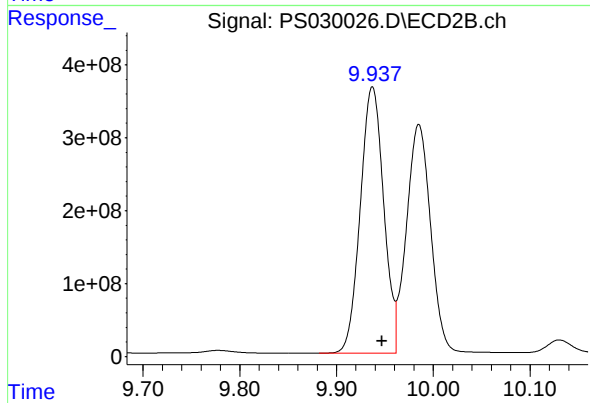
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.010 min
Response: 6556330082
Conc: 801.34 ng/ml



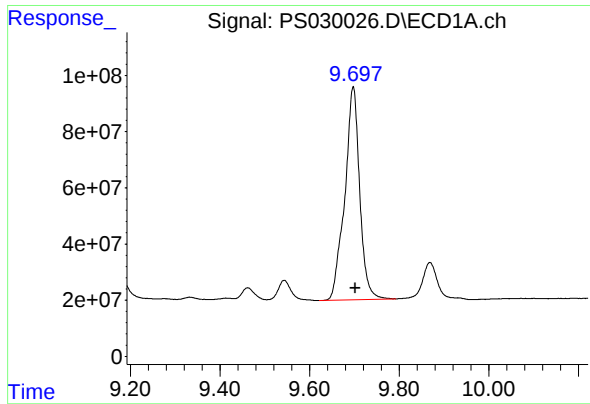
#12 2,4,5-T

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 10641265427
Conc: 757.22 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.010 min
Response: 6136416767
Conc: 790.51 ng/ml



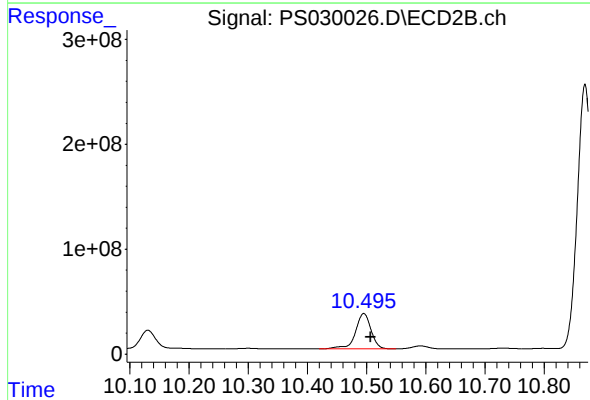
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1757631293
Conc: 769.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

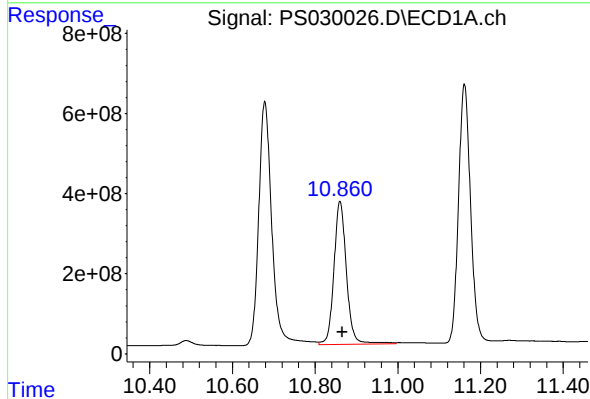
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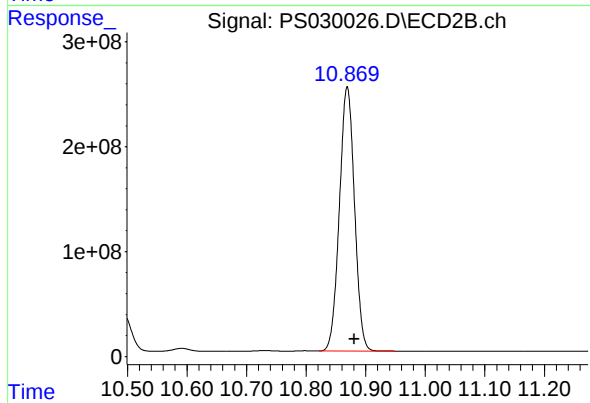
#13 2,4-DB

R.T.: 10.495 min
Delta R.T.: -0.011 min
Response: 617877165
Conc: 767.70 ng/ml



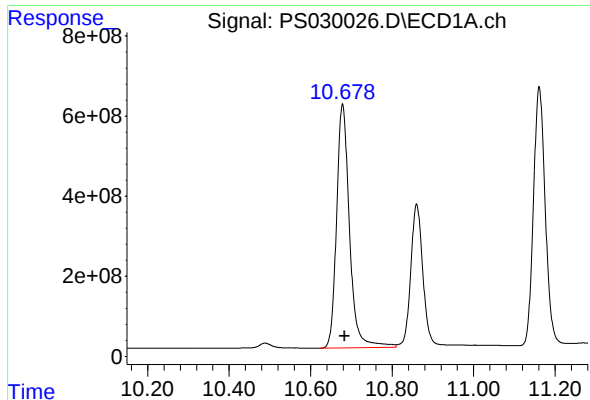
#14 DINOSEB

R.T.: 10.860 min
Delta R.T.: -0.006 min
Response: 7519170257
Conc: 739.10 ng/ml



#14 DINOSEB

R.T.: 10.869 min
Delta R.T.: -0.012 min
Response: 4438570711
Conc: 761.20 ng/ml



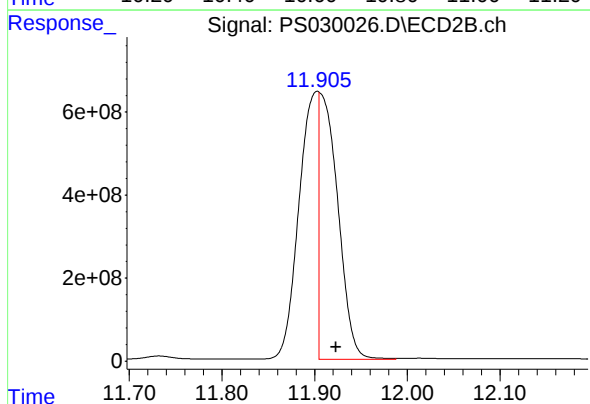
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.005 min
Response: 13425673369
Conc: 732.42 ng/ml

Instrument :
ECD_S
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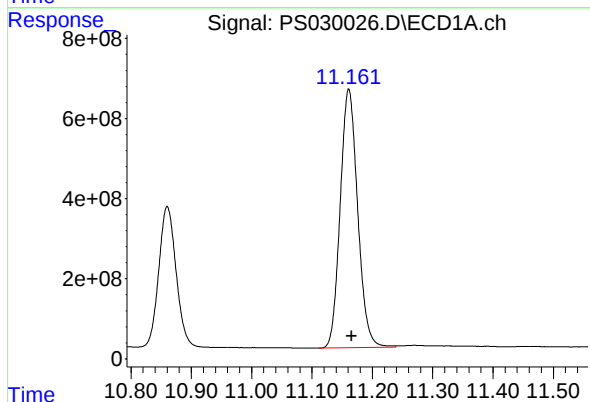
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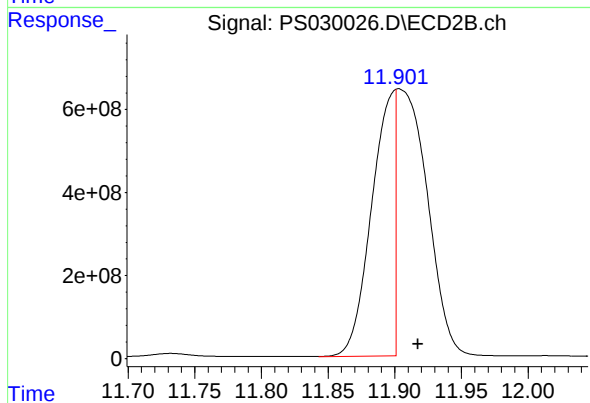
#15 Picloram

R.T.: 11.905 min
Delta R.T.: -0.018 min
Response: 8937696368
Conc: 727.61 ng/ml m



#16 DCPA

R.T.: 11.161 min
Delta R.T.: -0.005 min
Response: 12986203927
Conc: 762.95 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 8028317306
Conc: 712.26 ng/ml m