

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 20:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 07:18:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.354	7.768	2730.0E6	782.8E6	723.152m	727.800
Target Compounds							
1) T	Dalapon	2.717	2.712	3818.7E6	1806.4E6	676.238	659.279
2) T	3,5-DICHL...	6.513	6.714	3777.8E6	1095.2E6	696.190	700.116
3) T	4-Nitroph...	7.155	7.299	1189.3E6	1124.8E6	648.573	717.667
5) T	DICAMBA	7.546	7.971	11142.5E6	4646.6E6	722.479	721.342
6) T	MCP	7.728	8.071	756.1E6	166.6E6	76.339m	72.083
7) T	MCPA	7.879	8.320	887.4E6	208.2E6	69.936	67.473
8) T	DICHLORPROP	8.262	8.691	2544.5E6	1046.9E6	699.400	705.344
9) T	2,4-D	8.494	9.026	2460.2E6	1128.7E6	675.214	717.851
10) T	Pentachlo...	8.799	9.552	39209.8E6	27185.0E6	772.056m	752.256
11) T	2,4,5-TP ...	9.384	9.933	14825.0E6	10017.2E6	717.394	730.292
12) T	2,4,5-T	9.678	10.359	12606.9E6	9445.6E6	684.003	723.404
13) T	2,4-DB	10.258	10.926	1882.5E6	804.5E6	619.991	699.879
14) T	DINOSEB	11.478	11.311	10147.4E6	7241.3E6	705.911m	720.518
15) T	Picloram	11.285	12.420	12568.2E6	14751.8E6	628.257m	667.989
16) T	DCPA	11.773	12.355	19476.7E6	15216.4E6	736.635	743.606m

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

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Acq On : 12 Jun 2025 20:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

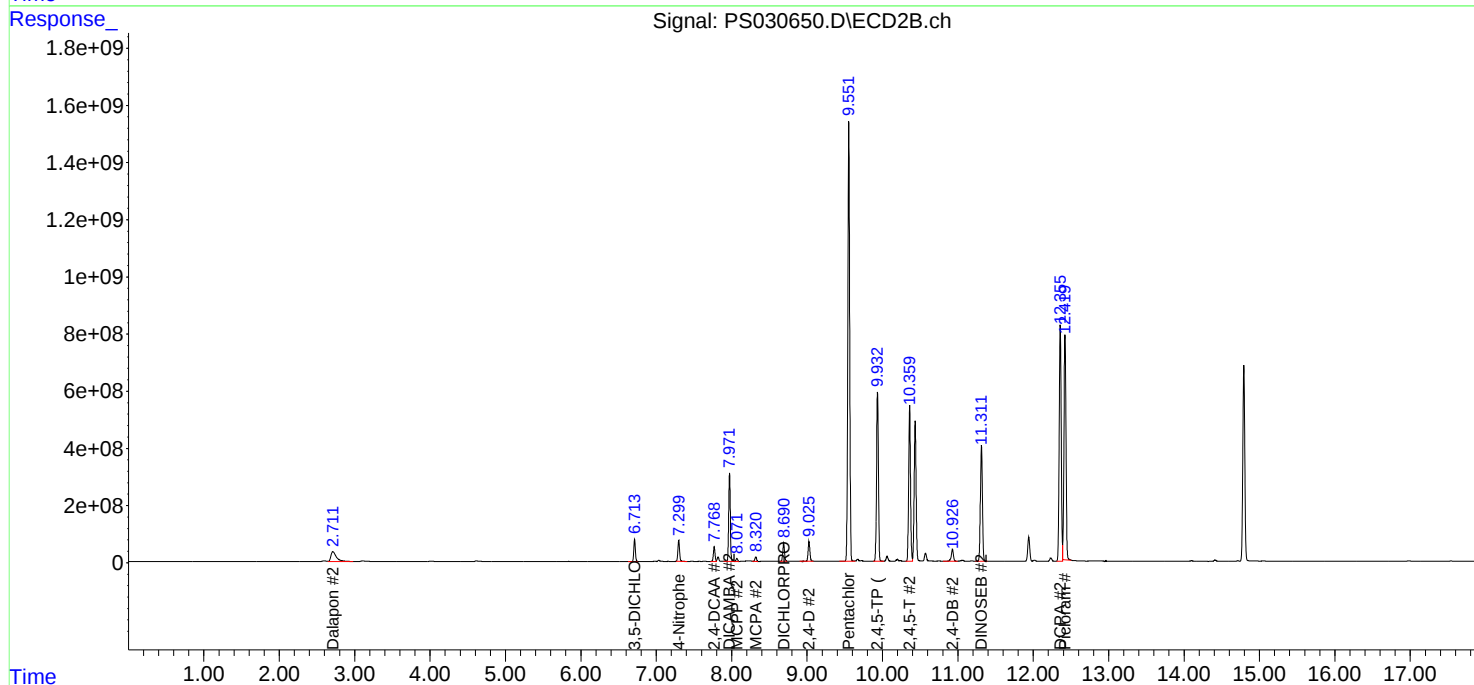
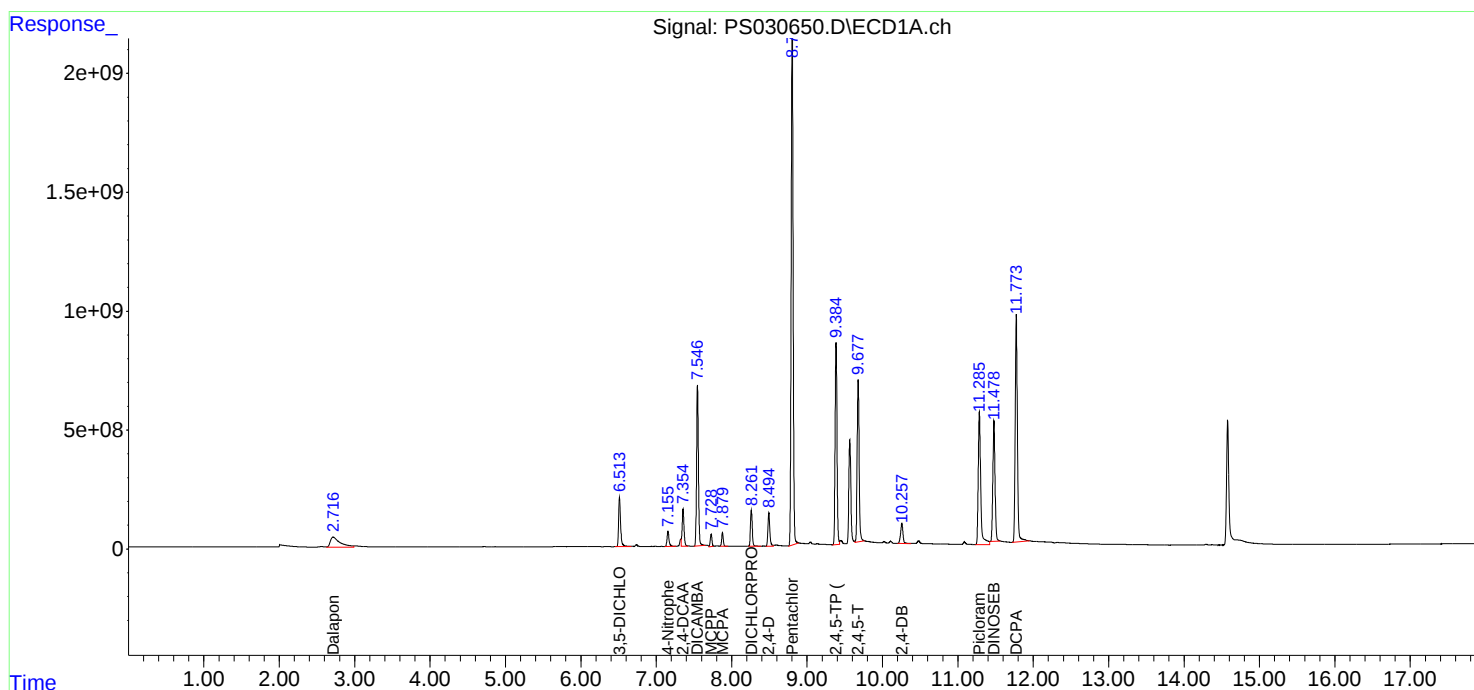
APPROVED

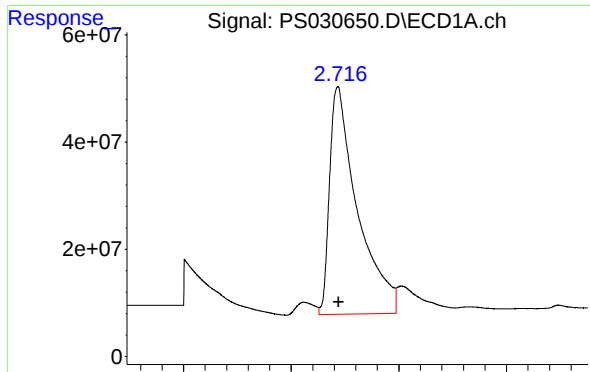
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Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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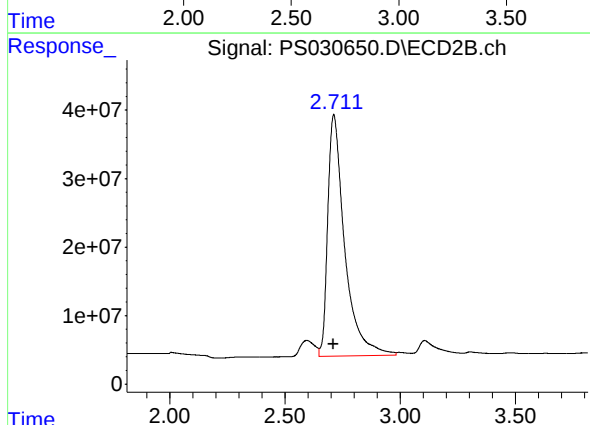
#1 Dalapon

R.T.: 2.717 min
Delta R.T.: -0.003 min
Response: 3818699231
Conc: 676.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

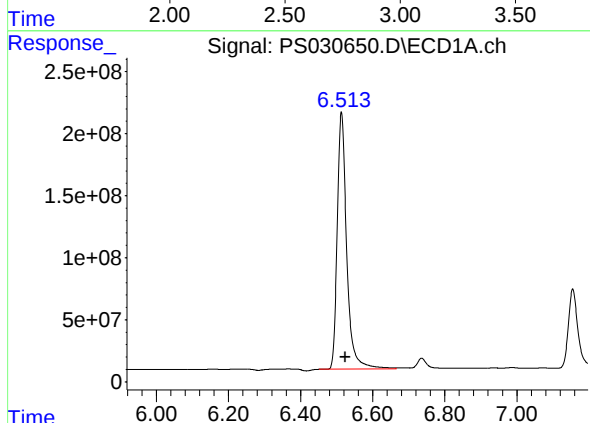
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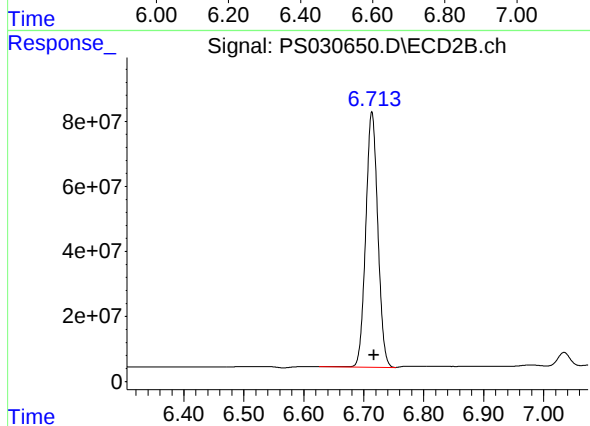
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.001 min
Response: 1806433590
Conc: 659.28 ng/ml



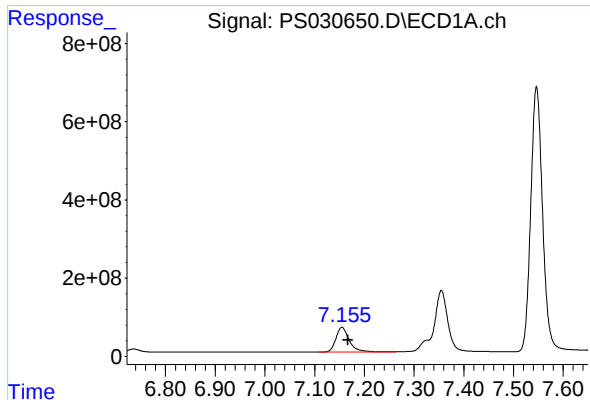
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 3777772733
Conc: 696.19 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 1095154669
Conc: 700.12 ng/ml



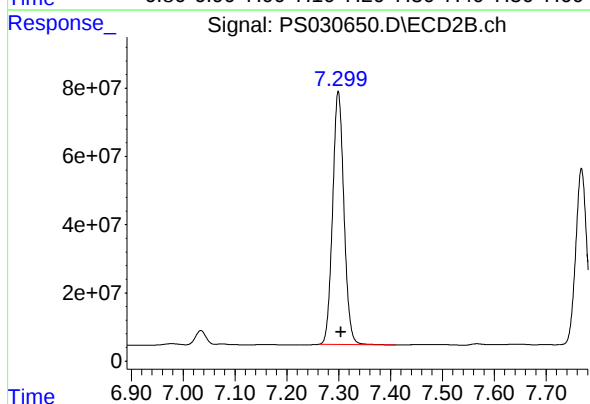
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 1189324463
Conc: 648.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

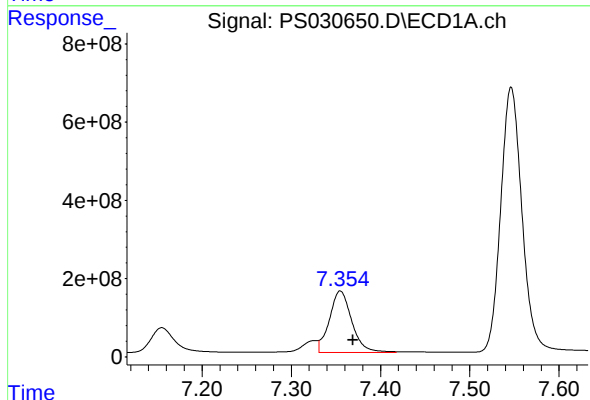
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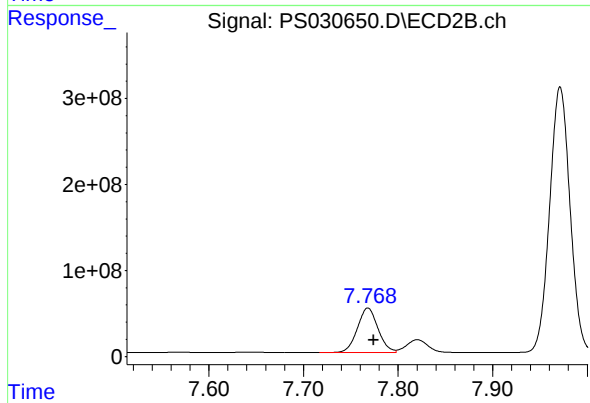
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 1124758236
Conc: 717.67 ng/ml



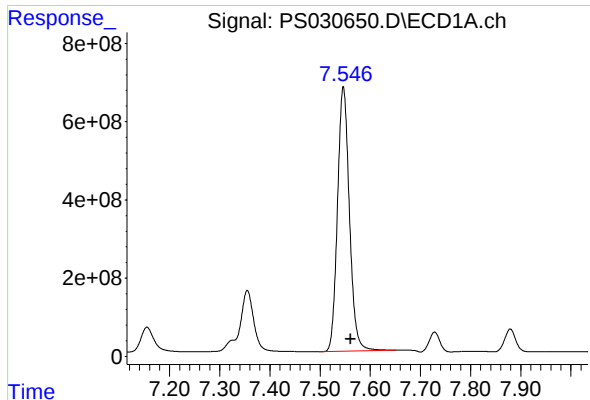
#4 2,4-DCAA

R.T.: 7.354 min
Delta R.T.: -0.015 min
Response: 2730002713
Conc: 723.15 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 782829501
Conc: 727.80 ng/ml



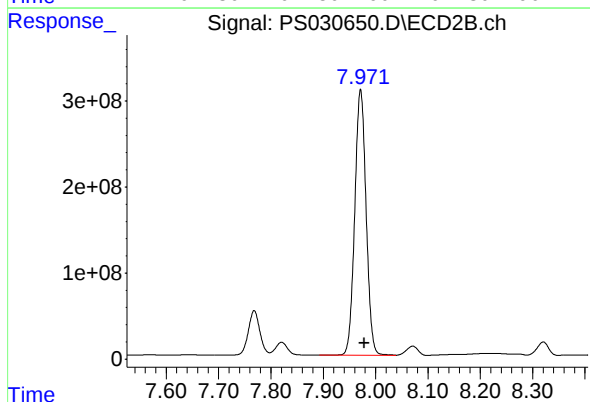
#5 DICAMBA

R.T.: 7.546 min
Delta R.T.: -0.015 min
Response: 11142453587
Conc: 722.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

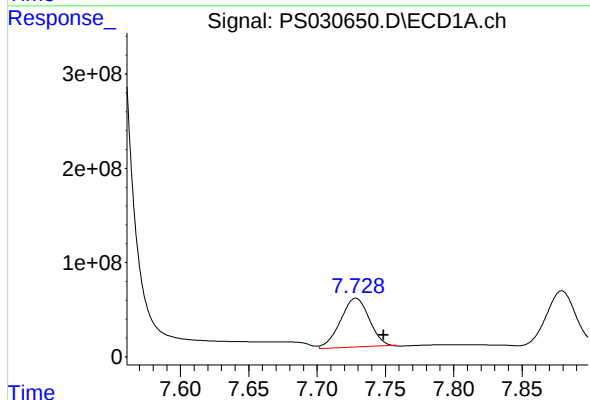
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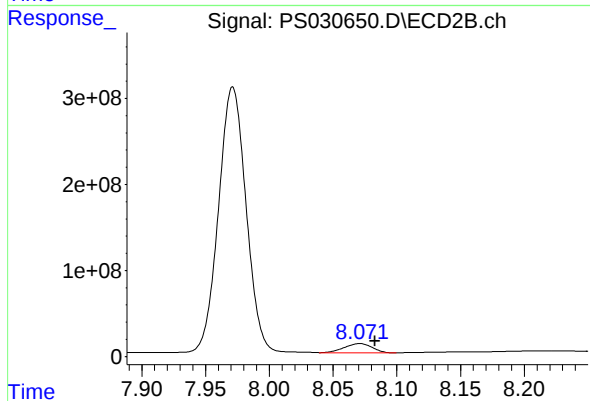
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 4646633683
Conc: 721.34 ng/ml



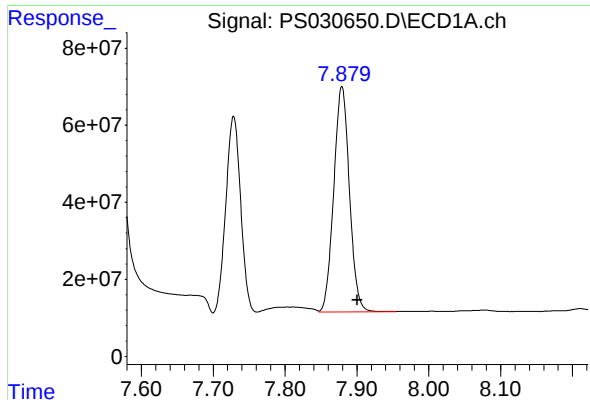
#6 MCPP

R.T.: 7.728 min
Delta R.T.: -0.021 min
Response: 756128754
Conc: 76.34 ug/ml m



#6 MCPP

R.T.: 8.071 min
Delta R.T.: -0.012 min
Response: 166627081
Conc: 72.08 ug/ml



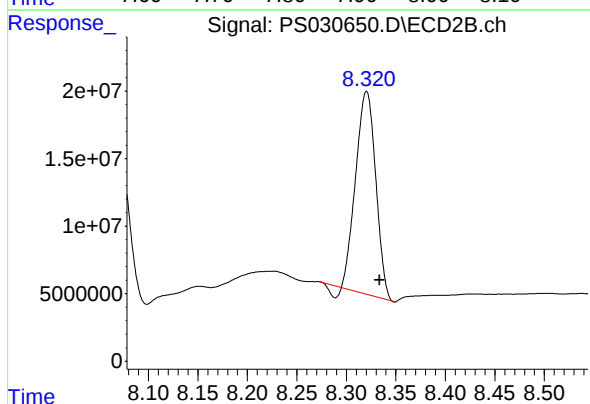
#7 MCPA

R.T.: 7.879 min
Delta R.T.: -0.021 min
Response: 887448825
Conc: 69.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

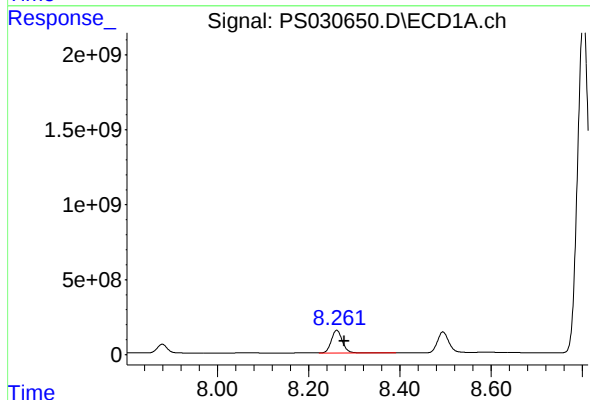
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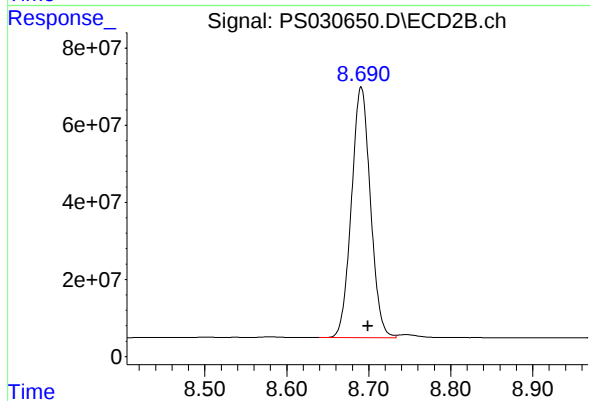
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.013 min
Response: 208215526
Conc: 67.47 ug/ml



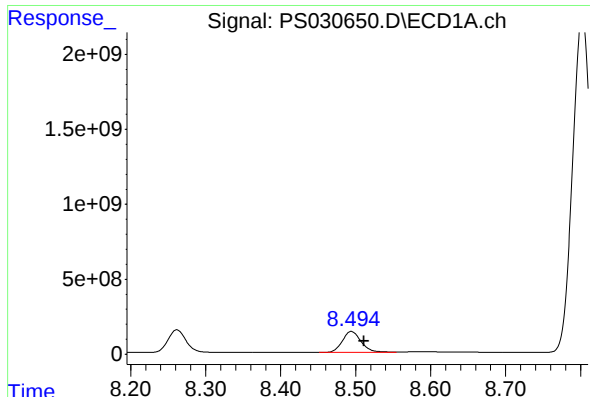
#8 DICHLORPROP

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 2544520261
Conc: 699.40 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: -0.008 min
Response: 1046874011
Conc: 705.34 ng/ml



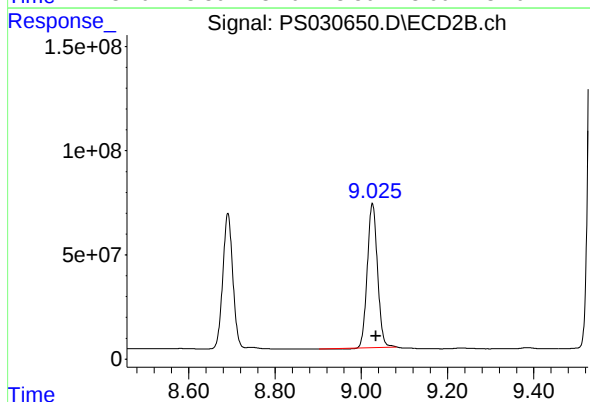
#9 2,4-D

R.T.: 8.494 min
Delta R.T.: -0.017 min
Response: 2460216475
Conc: 675.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

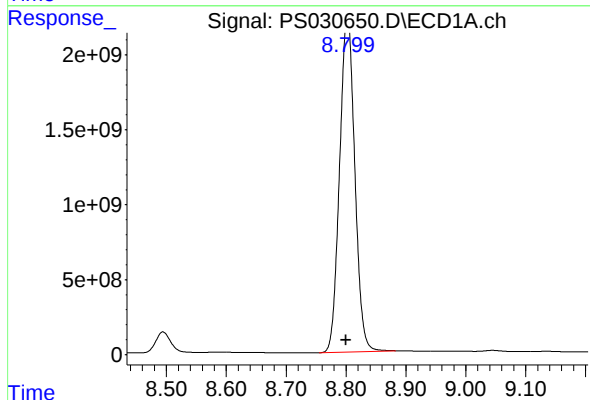
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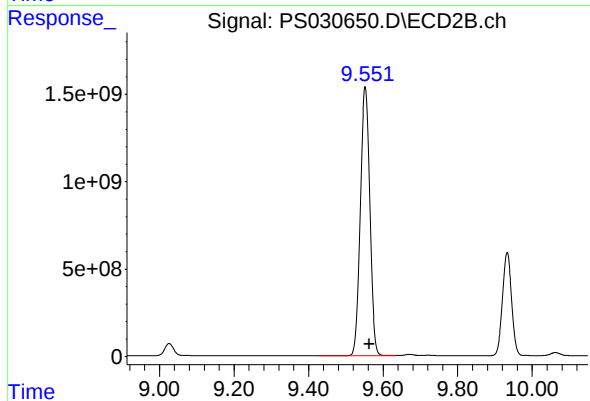
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 1128692767
Conc: 717.85 ng/ml



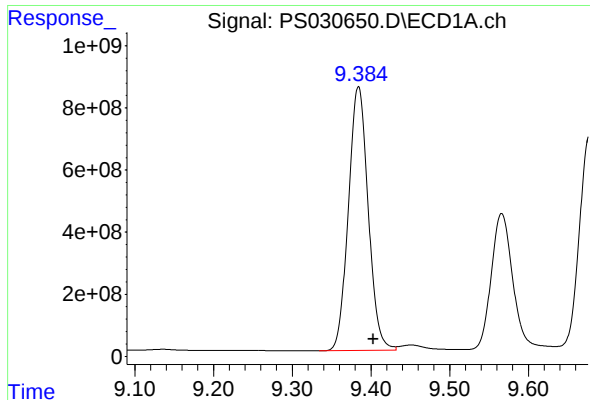
#10 Pentachlorophenol

R.T.: 8.799 min
Delta R.T.: -0.001 min
Response: 39209751285
Conc: 772.06 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 27185035800
Conc: 752.26 ng/ml



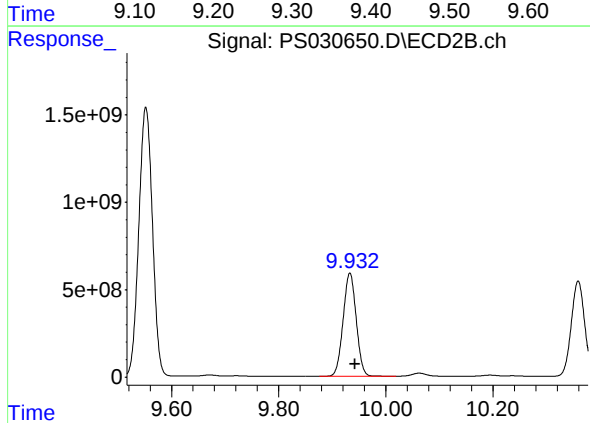
#11 2,4,5-TP (SILVEX)

R.T.: 9.384 min
Delta R.T.: -0.019 min
Response: 14825015031
Conc: 717.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

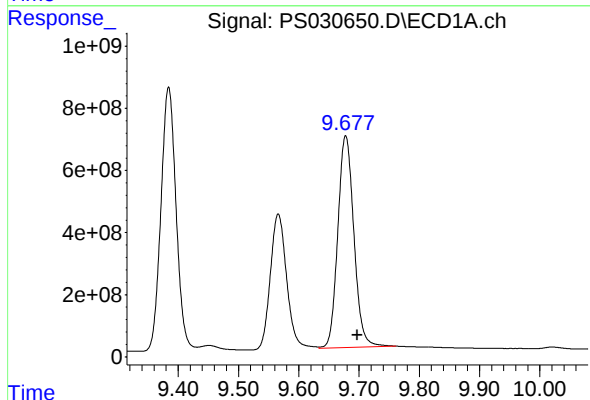
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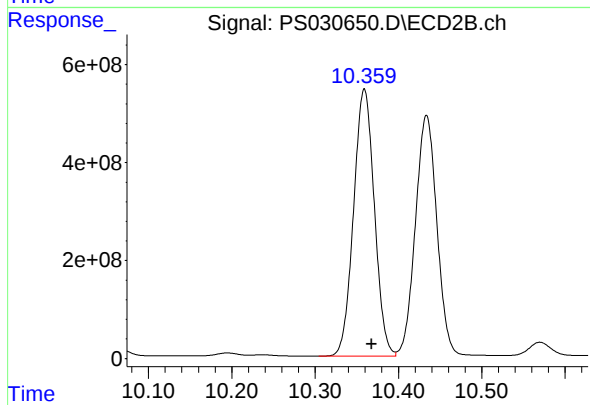
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: -0.010 min
Response: 10017222850
Conc: 730.29 ng/ml



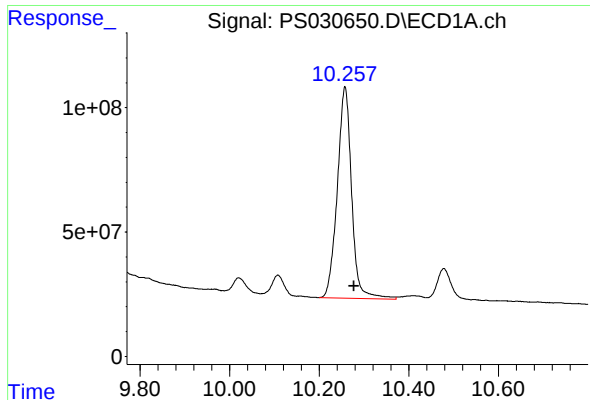
#12 2,4,5-T

R.T.: 9.678 min
Delta R.T.: -0.019 min
Response: 12606893326
Conc: 684.00 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: -0.009 min
Response: 9445579177
Conc: 723.40 ng/ml



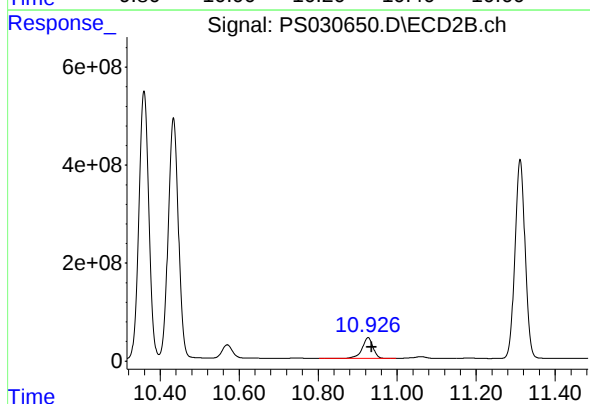
#13 2,4-DB

R.T.: 10.258 min
Delta R.T.: -0.020 min
Response: 1882519483
Conc: 619.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

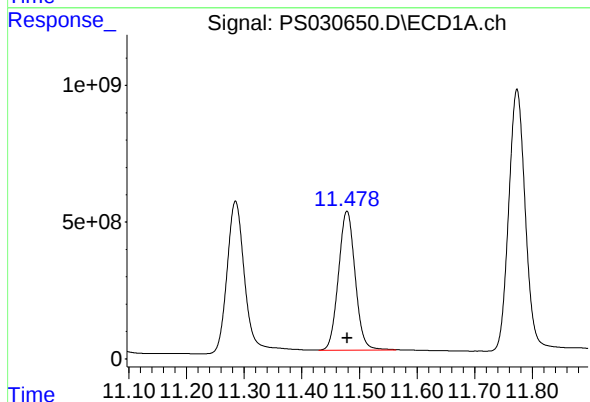
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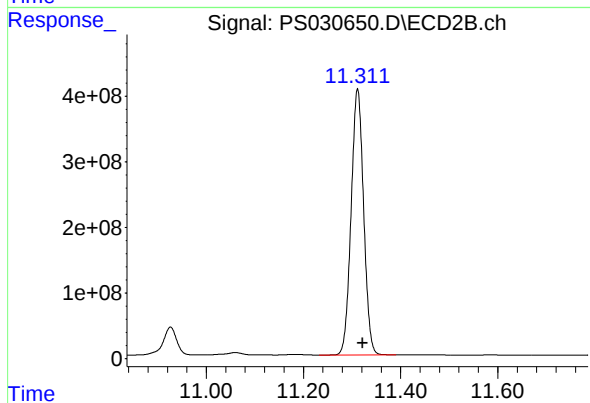
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 804547427
Conc: 699.88 ng/ml



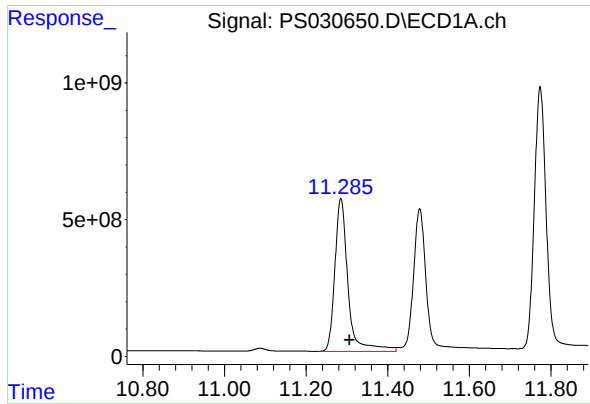
#14 DINOSEB

R.T.: 11.478 min
Delta R.T.: 0.000 min
Response: 10147418076
Conc: 705.91 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.010 min
Response: 7241285367
Conc: 720.52 ng/ml



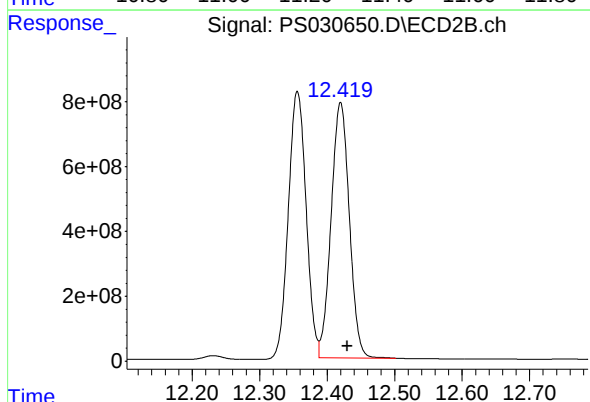
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.022 min
Response: 12568156354
Conc: 628.26 ng/ml

Instrument :
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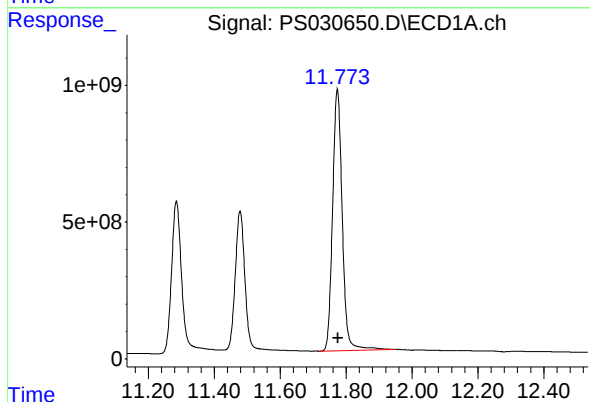
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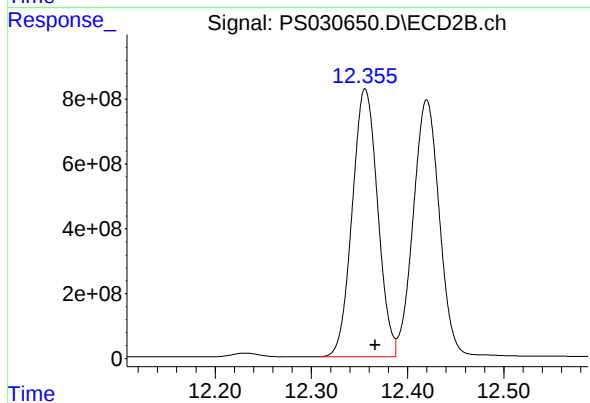
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.010 min
Response: 14751783418
Conc: 667.99 ng/ml



#16 DCPA

R.T.: 11.773 min
Delta R.T.: -0.002 min
Response: 19476692235
Conc: 736.63 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 15216362241
Conc: 743.61 ng/ml m