

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100625\
 Data File : PS031955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 13:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2025
 Supervised By :mohammad ahmed 10/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 03:00:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.737	2655.7E6	650.8E6	737.369m	716.043
Target Compounds							
1) T	Dalapon	2.665	2.682	3981.1E6	1882.5E6	688.675	668.105
2) T	3,5-DICHL...	6.450	6.689	3922.6E6	1086.6E6	735.486	712.534
3) T	4-Nitroph...	7.099	7.293	805.6E6	733.9E6	730.232	581.205
5) T	DICAMBA	7.465	7.932	11691.0E6	4738.7E6	749.581	728.266
6) T	MCPD	7.642	8.028	630.8E6	142.6E6	70.563	75.695m
7) T	MCPA	7.792	8.275	825.6E6	204.8E6	74.312	73.097
8) T	DICHLORPROP	8.174	8.652	2580.4E6	1071.2E6	724.472	736.184
9) T	2,4-D	8.414	8.996	2545.5E6	1125.0E6	743.076	683.867
10) T	Pentachlo...	8.704	9.501	42870.6E6	30752.0E6	807.449	774.794
11) T	2,4,5-TP ...	9.283	9.886	15992.8E6	11083.5E6	762.516	736.232
12) T	2,4,5-T	9.581	10.316	13921.8E6	9346.3E6	760.829	694.528
13) T	2,4-DB	10.158	10.885	1495.5E6	661.3E6	641.098	618.050m
14) T	DINOSEB	11.350	11.258	12022.9E6	8158.9E6	833.608	839.332
15) T	Picloram	11.189	12.385	10866.7E6	14637.0E6	603.334	618.033
16) T	DCPA	11.649	12.299	21140.9E6	18354.7E6	784.454	761.476

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

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Acq On : 06 Oct 2025 13:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

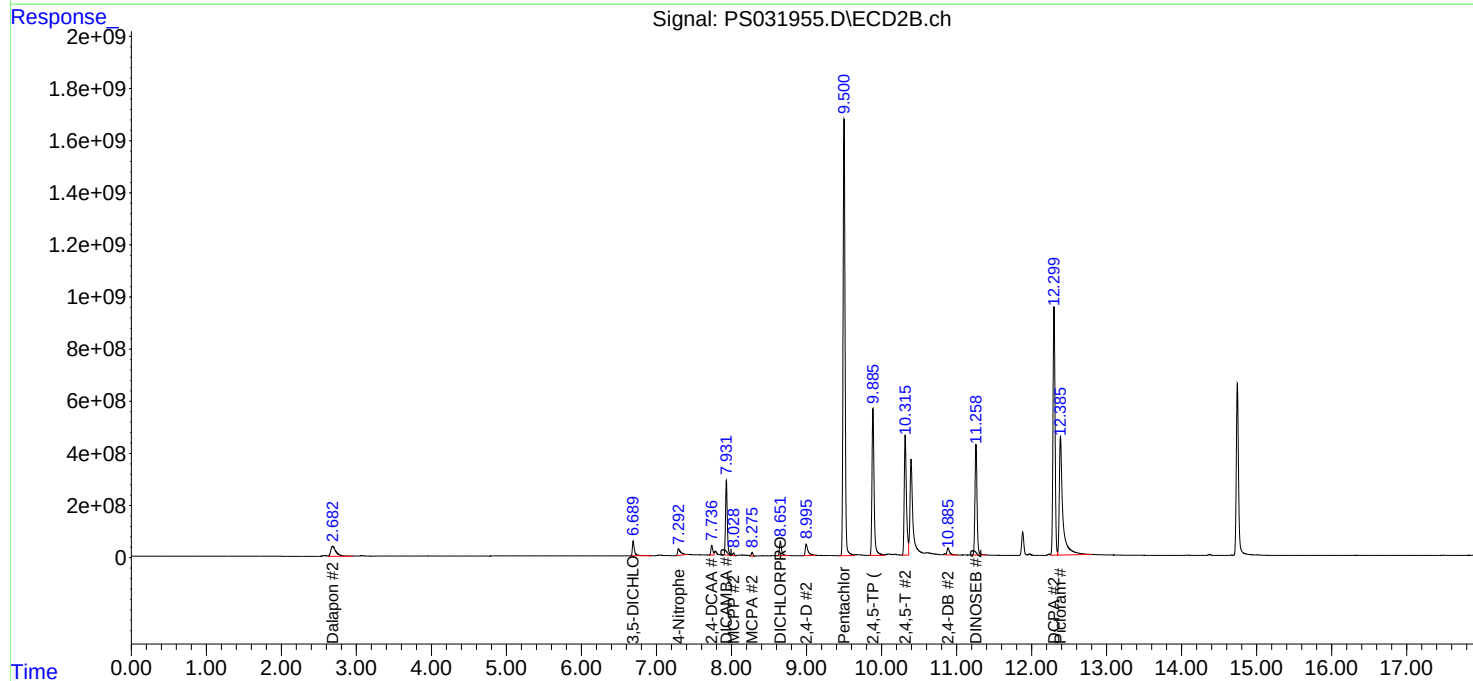
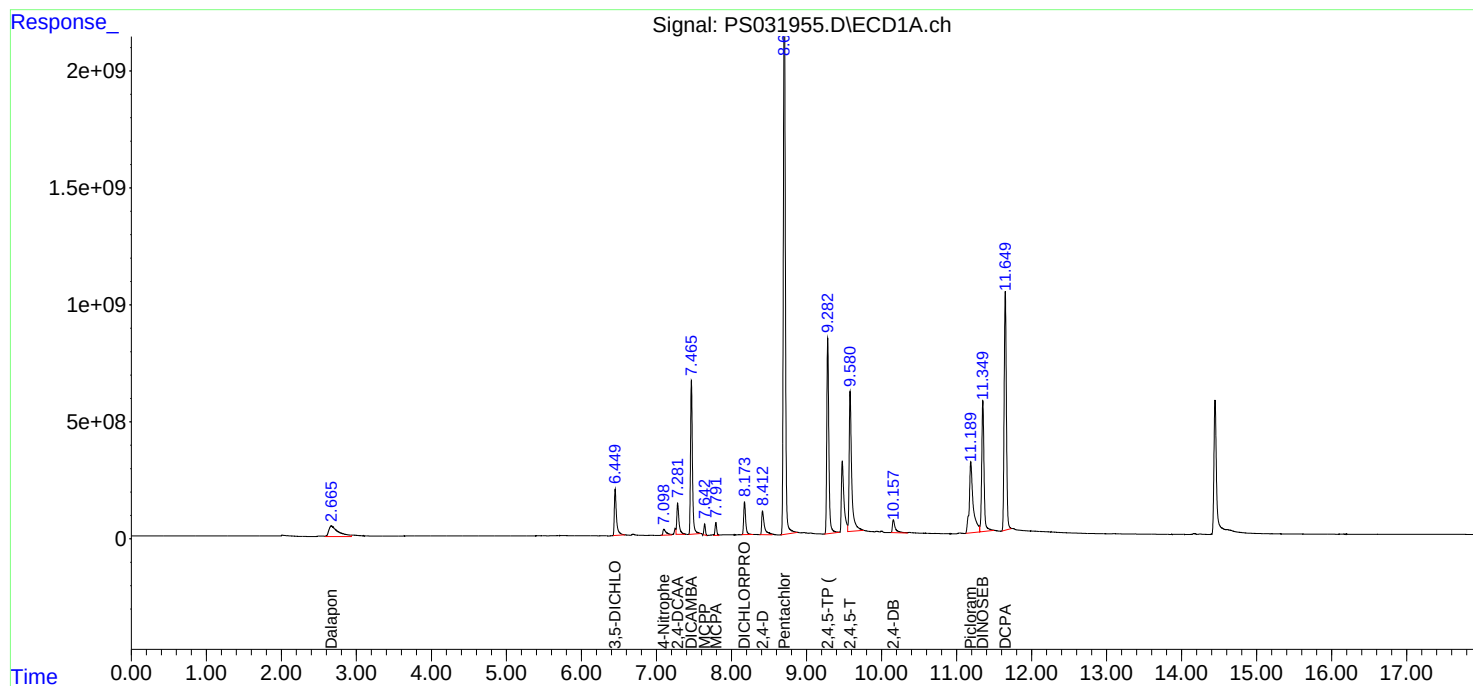
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

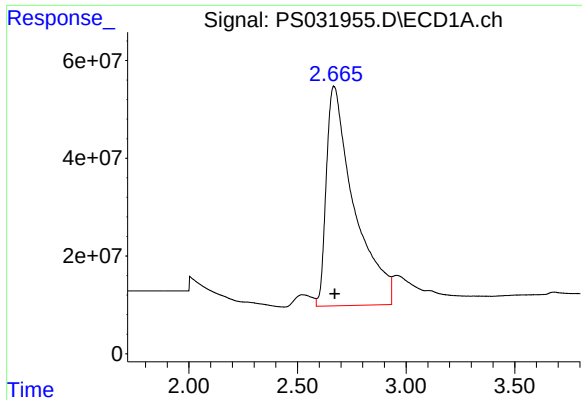
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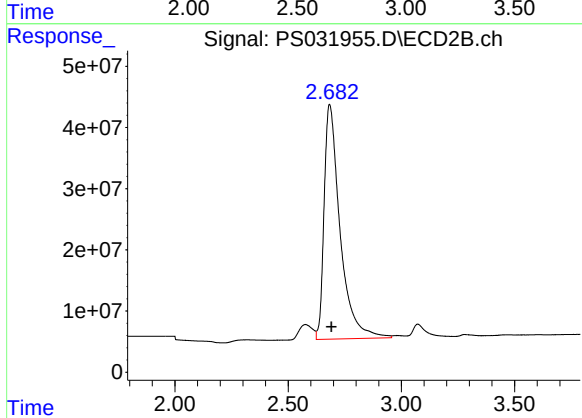
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.006 min
Response: 3981054129
Conc: 688.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

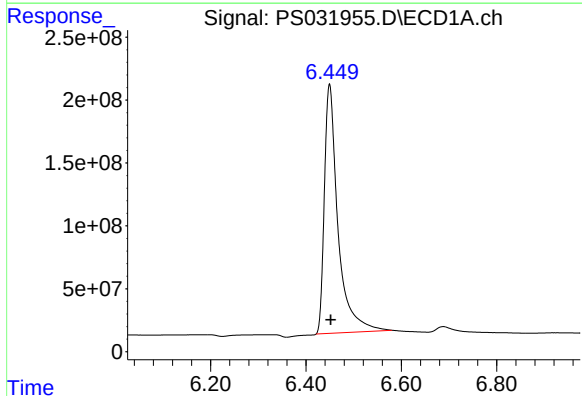
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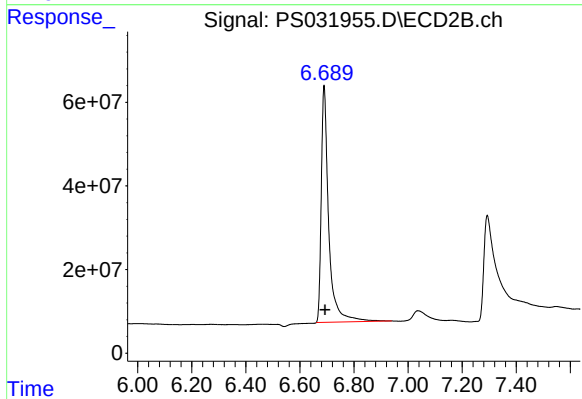
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.009 min
Response: 1882472151
Conc: 668.11 ng/ml



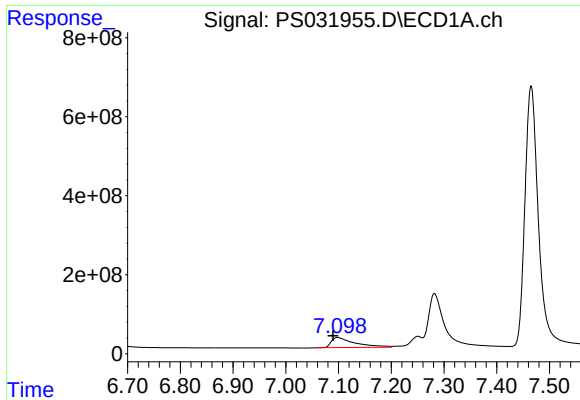
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 3922614456
Conc: 735.49 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.689 min
Delta R.T.: -0.003 min
Response: 1086589579
Conc: 712.53 ng/ml



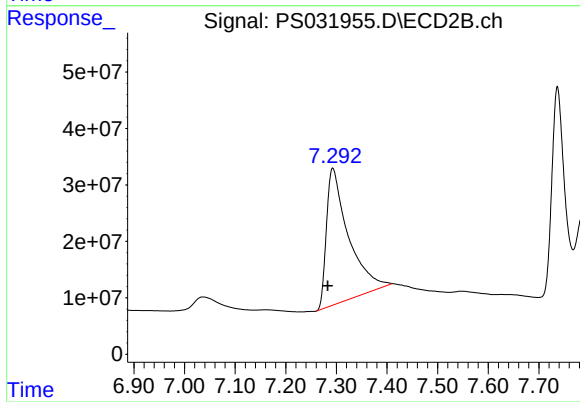
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.009 min
Response: 805598944
Conc: 730.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

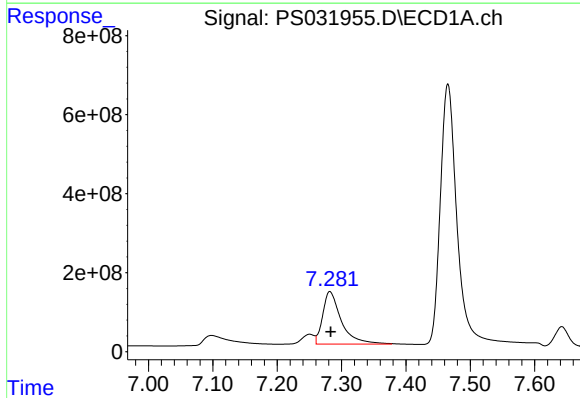
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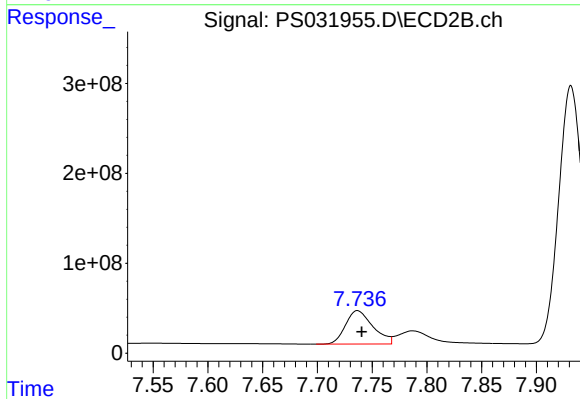
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.010 min
Response: 733937971
Conc: 581.21 ng/ml



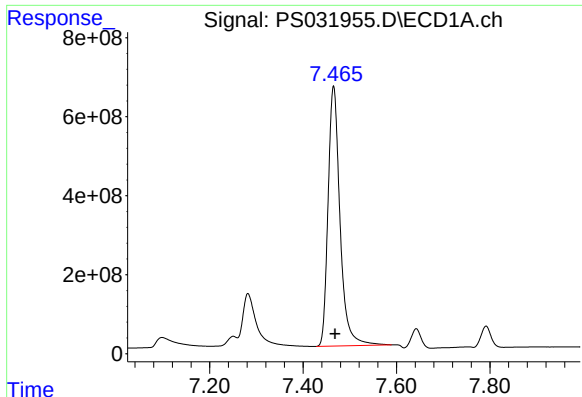
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2655654058
Conc: 737.37 ng/ml m



#4 2,4-DCAA

R.T.: 7.737 min
Delta R.T.: -0.004 min
Response: 650811341
Conc: 716.04 ng/ml



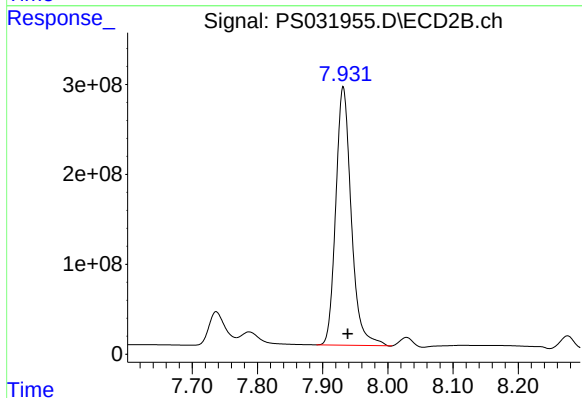
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 11691003513
Conc: 749.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

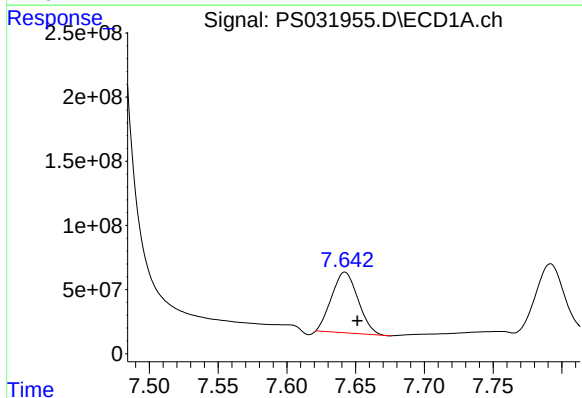
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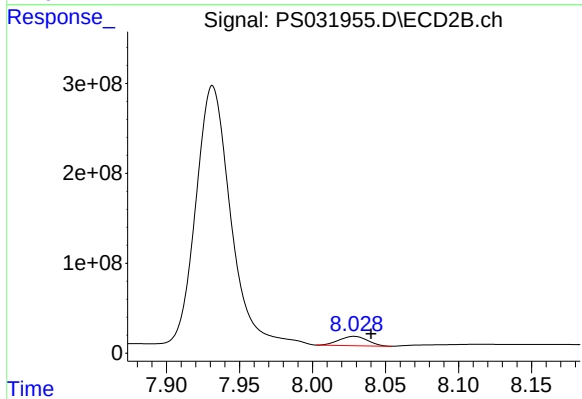
#5 DICAMBA

R.T.: 7.932 min
Delta R.T.: -0.007 min
Response: 4738718581
Conc: 728.27 ng/ml



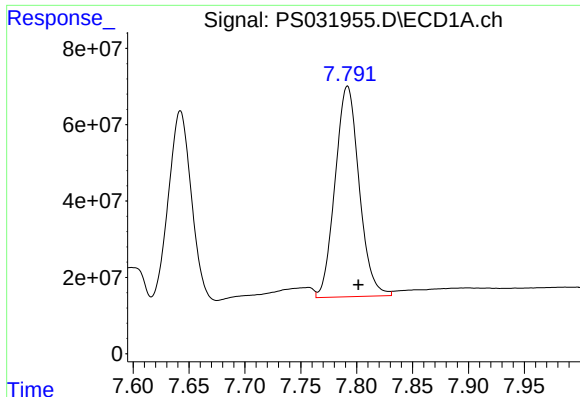
#6 MCPP

R.T.: 7.642 min
Delta R.T.: -0.009 min
Response: 630777968
Conc: 70.56 ug/ml



#6 MCPP

R.T.: 8.028 min
Delta R.T.: -0.012 min
Response: 142563664
Conc: 75.69 ug/ml m



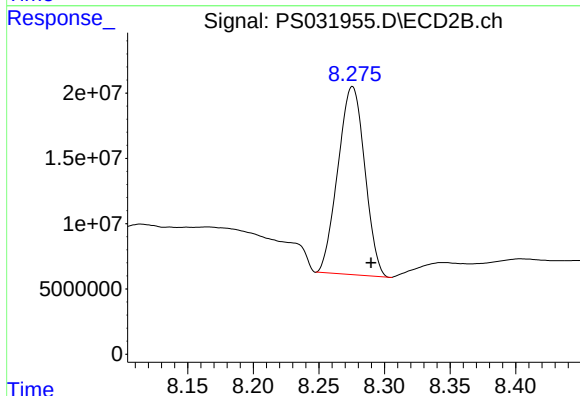
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.010 min
Response: 825638126
Conc: 74.31 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

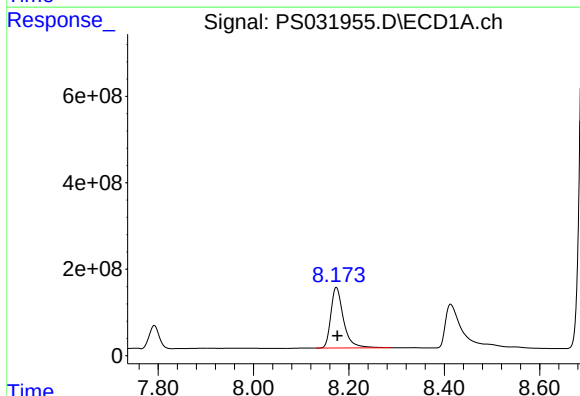
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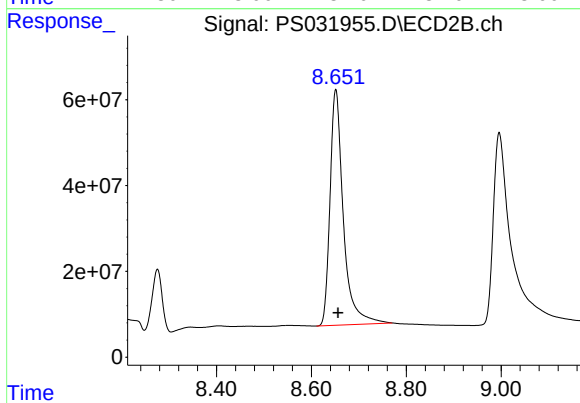
#7 MCPA

R.T.: 8.275 min
Delta R.T.: -0.014 min
Response: 204761679
Conc: 73.10 ug/ml



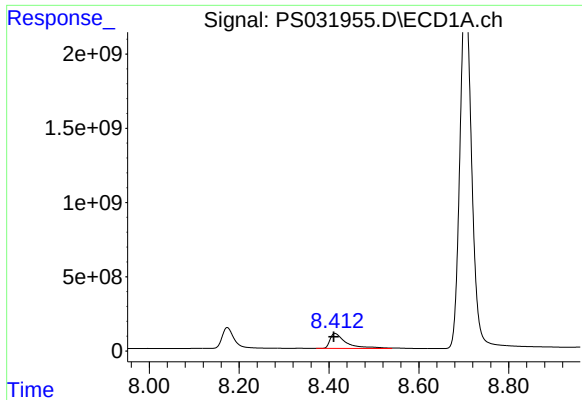
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2580396282
Conc: 724.47 ng/ml



#8 DICHLORPROP

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 1071191667
Conc: 736.18 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 2545510689
Conc: 743.08 ng/ml

Instrument :

ECD_S

ClientSampleId :

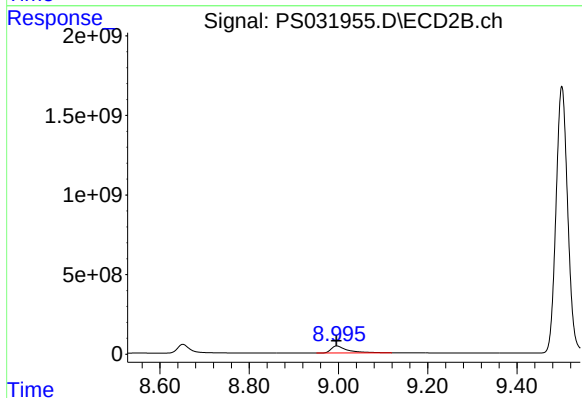
HSTDCCC750

Manual Integrations

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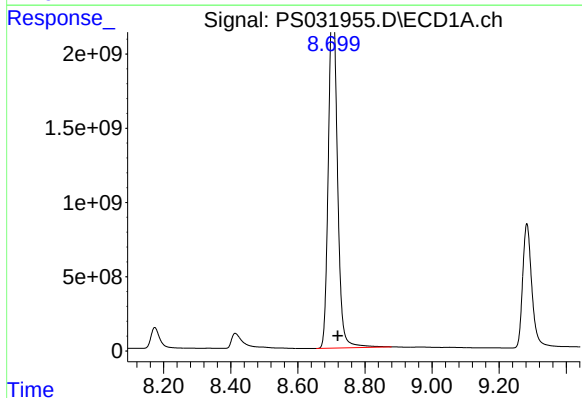
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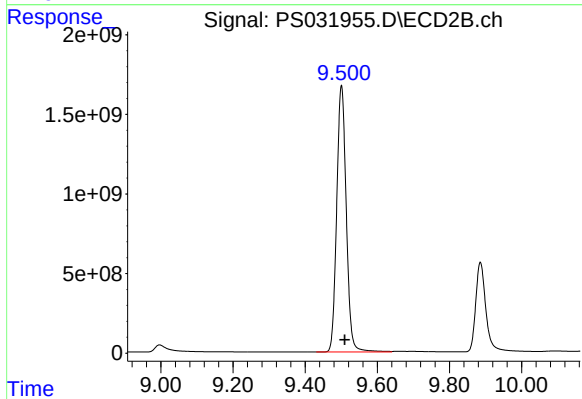
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 1125037125
Conc: 683.87 ng/ml



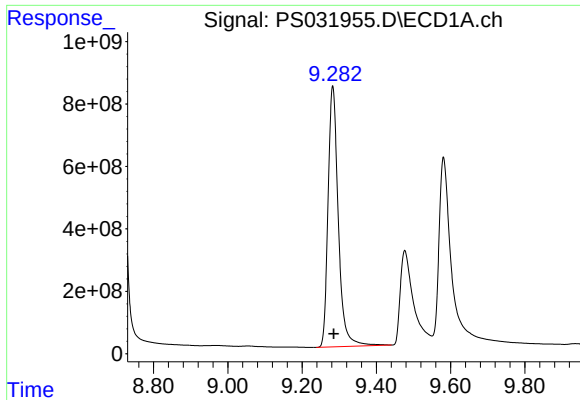
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.015 min
Response: 42870568162
Conc: 807.45 ng/ml



#10 Pentachlorophenol

R.T.: 9.501 min
Delta R.T.: -0.009 min
Response: 30751993211
Conc: 774.79 ng/ml



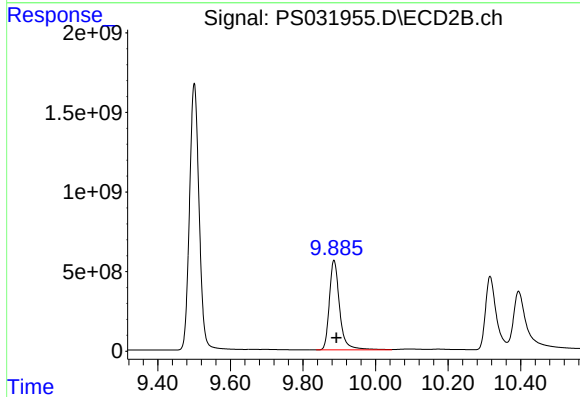
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: -0.003 min
Response: 15992781515
Conc: 762.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

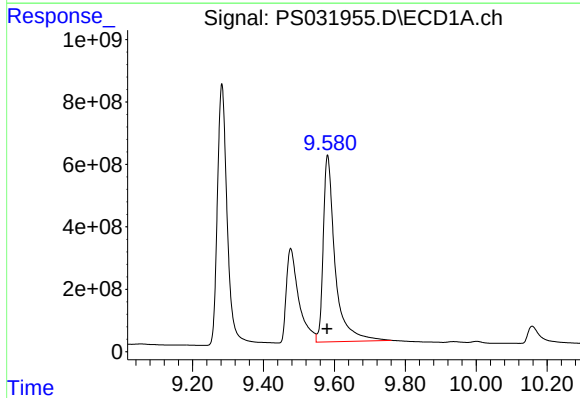
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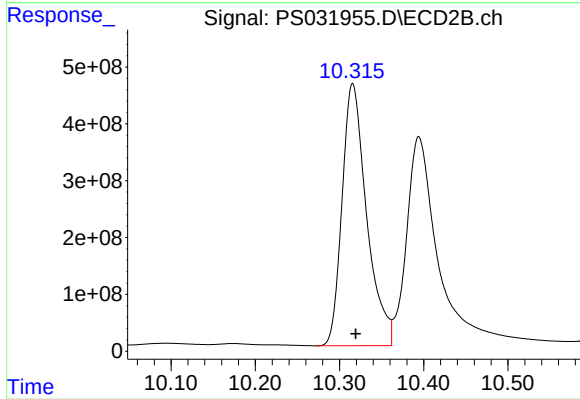
#11 2,4,5-TP (SILVEX)

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 11083477042
Conc: 736.23 ng/ml



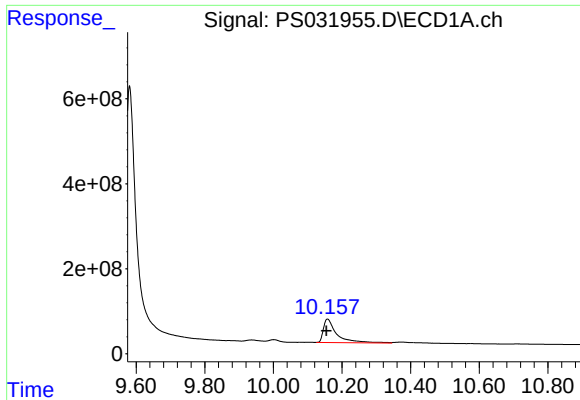
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.002 min
Response: 13921773233
Conc: 760.83 ng/ml



#12 2,4,5-T

R.T.: 10.316 min
Delta R.T.: -0.003 min
Response: 9346279021
Conc: 694.53 ng/ml



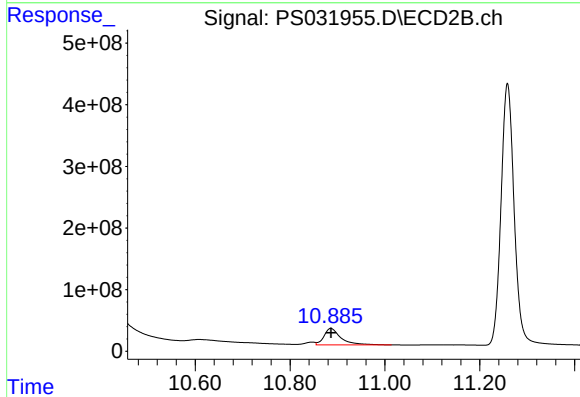
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.004 min
Response: 1495532674
Conc: 641.10 ng/ml

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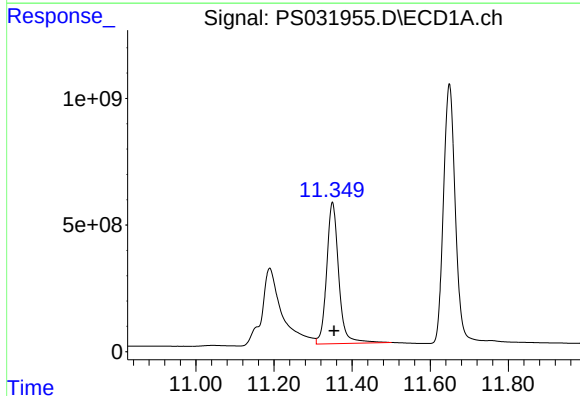
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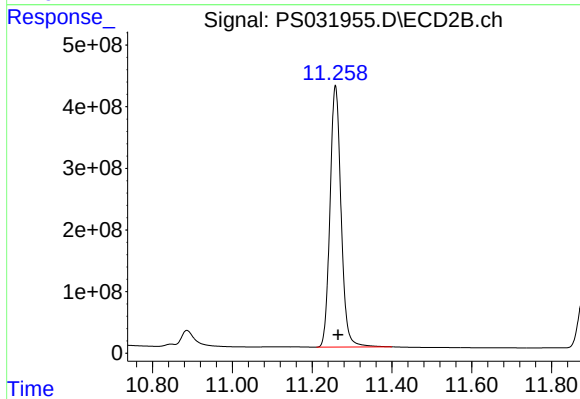
#13 2,4-DB

R.T.: 10.885 min
Delta R.T.: -0.001 min
Response: 661341292
Conc: 618.05 ng/ml m



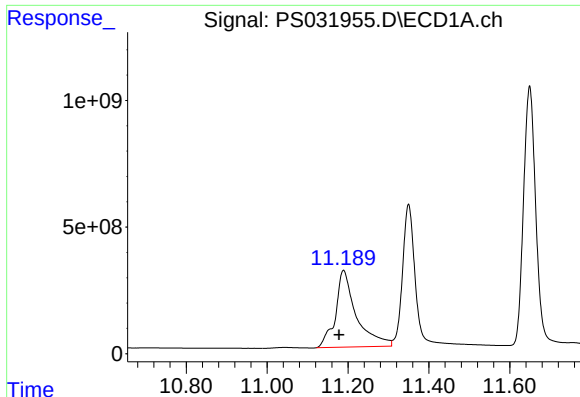
#14 DINOSEB

R.T.: 11.350 min
Delta R.T.: -0.005 min
Response: 12022873700
Conc: 833.61 ng/ml



#14 DINOSEB

R.T.: 11.258 min
Delta R.T.: -0.007 min
Response: 8158880233
Conc: 839.33 ng/ml



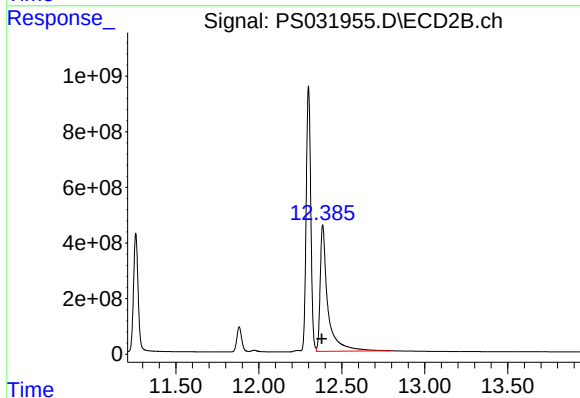
#15 Picloram

R.T.: 11.189 min
Delta R.T.: 0.011 min
Response: 10866695444
Conc: 603.33 ng/ml

Instrument :
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HSTDCCC750

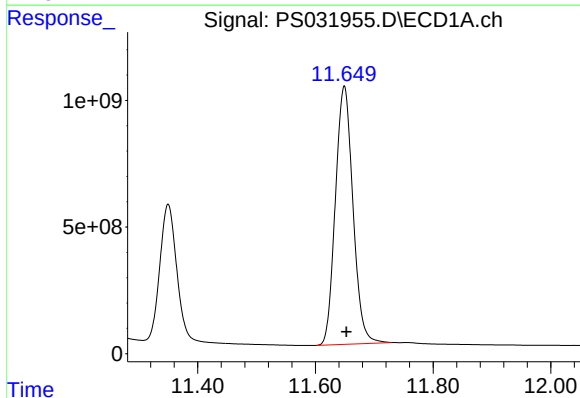
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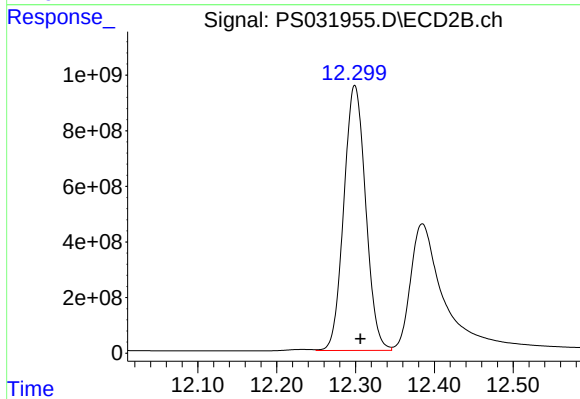
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 14637032761
Conc: 618.03 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 21140937158
Conc: 784.45 ng/ml



#16 DCPA

R.T.: 12.299 min
Delta R.T.: -0.007 min
Response: 18354701373
Conc: 761.48 ng/ml