

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 12:17
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 07:27:48 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 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	7.361	7.770	2708.2E6	740.4E6	717.386m	688.322
Target Compounds							
1) T	Dalapon	2.713	2.712	3826.6E6	1772.6E6	677.636	646.945
2) T	3,5-DICHL...	6.518	6.715	3720.9E6	1041.7E6	685.716	665.963
3) T	4-Nitroph...	7.161	7.301	1156.9E6	1048.1E6	630.871	668.728
5) T	DICAMBA	7.553	7.973	10900.8E6	4389.1E6	706.810	681.367
6) T	MCP	7.734	8.073	697.9E6	156.5E6	70.455m	67.681
7) T	MCPA	7.885	8.322	839.7E6	195.9E6	66.174	63.470
8) T	DICHLORPROP	8.269	8.693	2466.6E6	990.6E6	677.987	667.410
9) T	2,4-D	8.502	9.029	2378.0E6	1055.2E6	652.639	671.095
10) T	Pentachlo...	8.810	9.556	38420.2E6	25785.3E6	756.510	713.524
11) T	2,4,5-TP ...	9.391	9.936	14464.7E6	9501.5E6	699.960	692.697
12) T	2,4,5-T	9.686	10.362	12136.6E6	8928.3E6	658.488	683.786
13) T	2,4-DB	10.265	10.929	1858.8E6	755.8E6	612.179m	657.494
14) T	DINOSEB	11.488	11.315	9872.0E6	6938.4E6	686.748	690.384
15) T	Picloram	11.294	12.423	11514.4E6	14358.7E6	575.584m	650.189
16) T	DCPA	11.784	12.359	18859.8E6	14555.7E6	713.303	711.321m

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

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Acq On : 09 Jun 2025 12:17
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

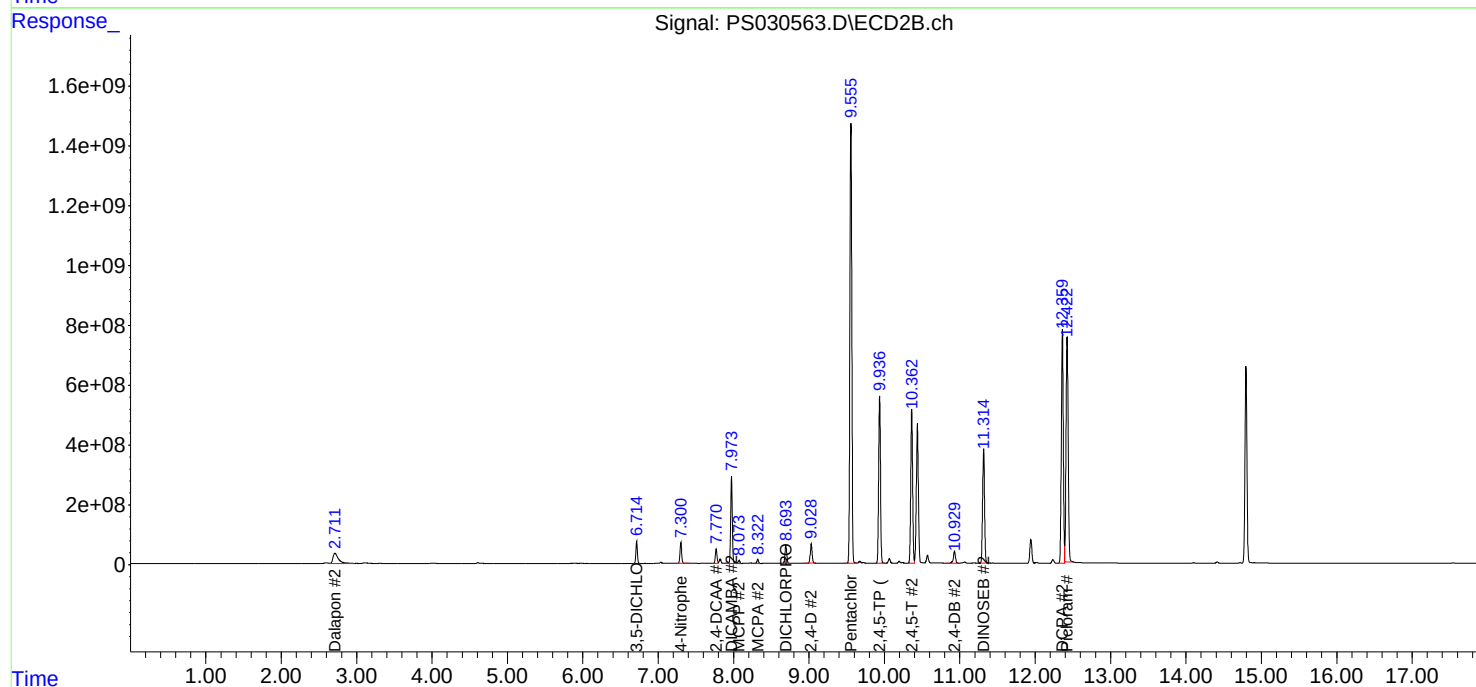
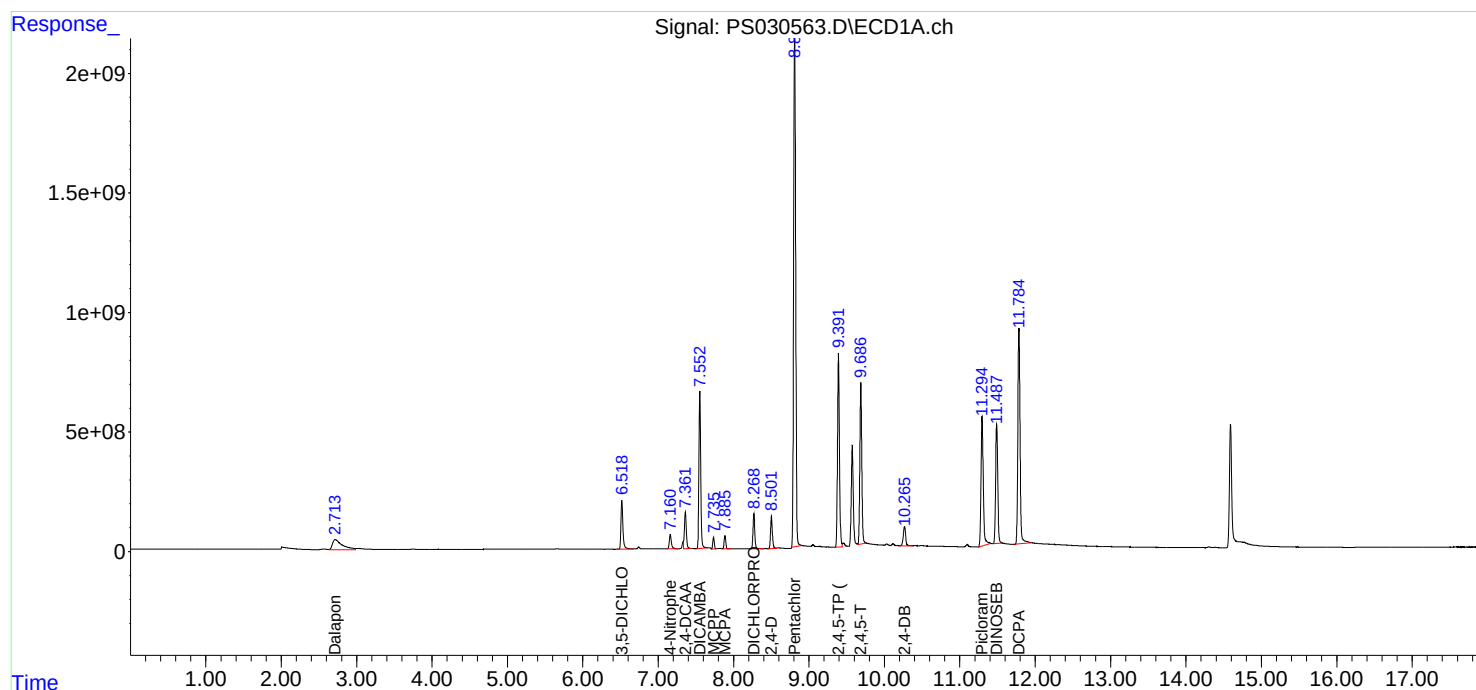
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

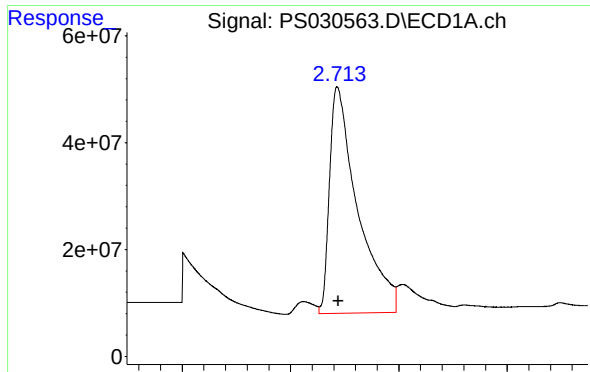
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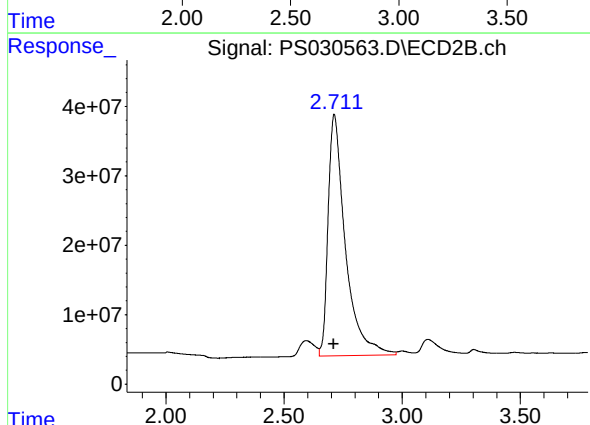
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: -0.007 min
Response: 3826589239
Conc: 677.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

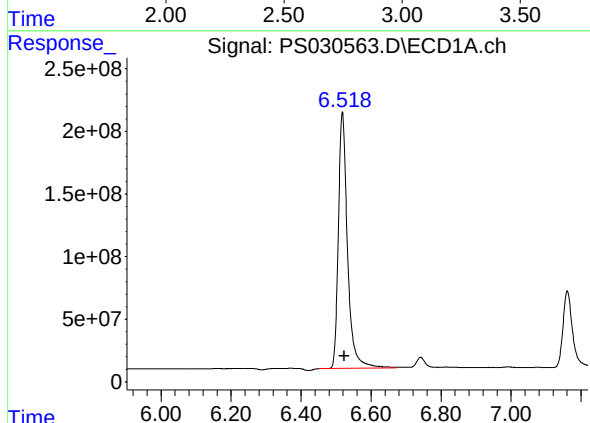
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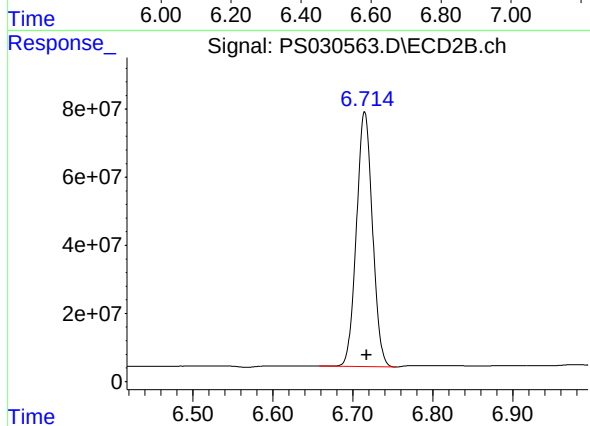
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.001 min
Response: 1772637721
Conc: 646.94 ng/ml



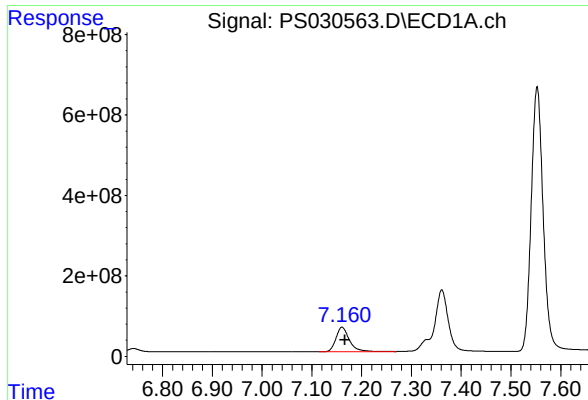
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 3720934754
Conc: 685.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 1041730525
Conc: 665.96 ng/ml



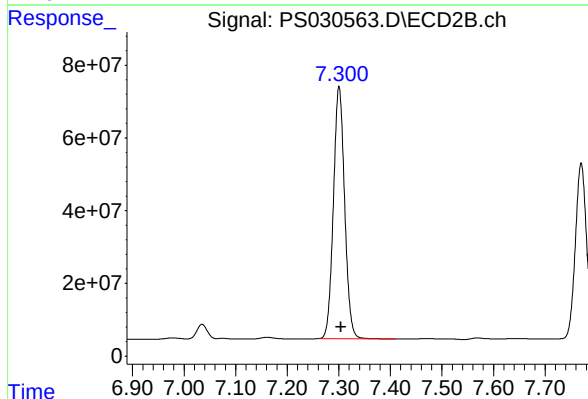
#3 4-Nitrophenol

R.T.: 7.161 min
Delta R.T.: -0.006 min
Response: 1156862219
Conc: 630.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

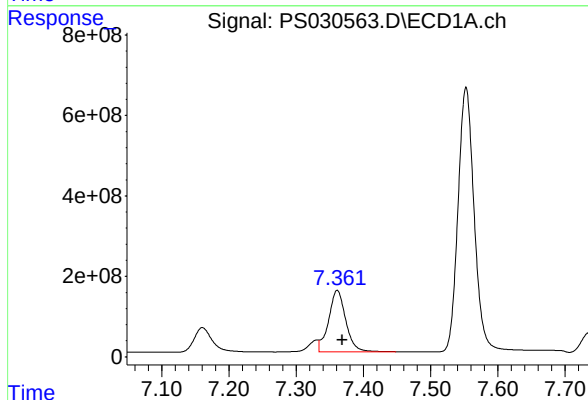
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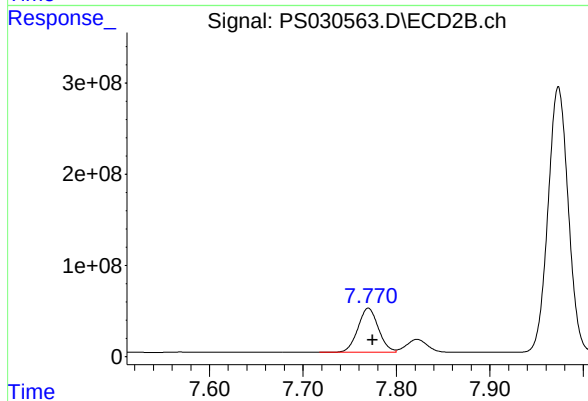
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 1048059149
Conc: 668.73 ng/ml



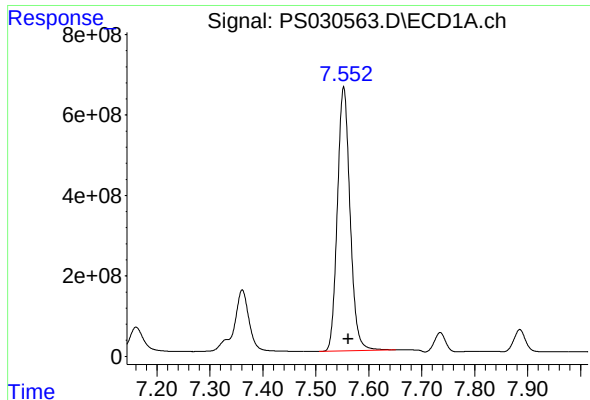
#4 2,4-DCAA

R.T.: 7.361 min
Delta R.T.: -0.008 min
Response: 2708235816
Conc: 717.39 ng/ml m



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 740366469
Conc: 688.32 ng/ml



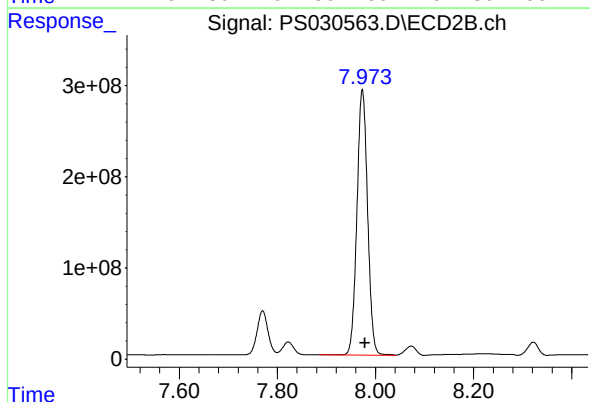
#5 DICAMBA

R.T.: 7.553 min
Delta R.T.: -0.009 min
Response: 10900804688
Conc: 706.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

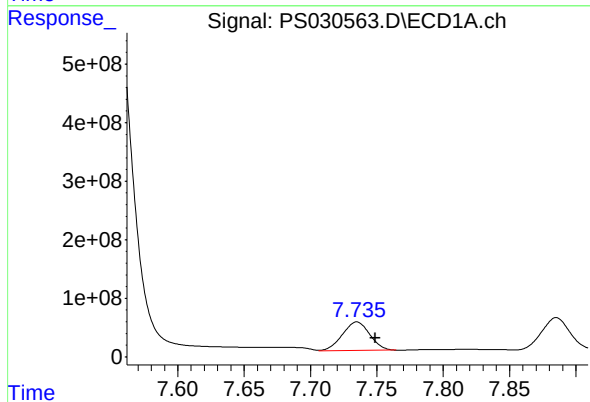
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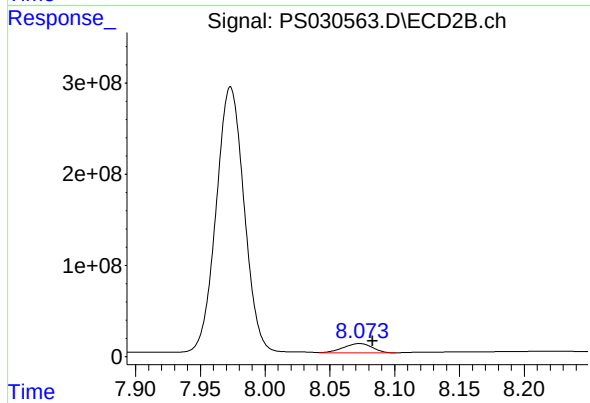
#5 DICAMBA

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 4389125119
Conc: 681.37 ng/ml



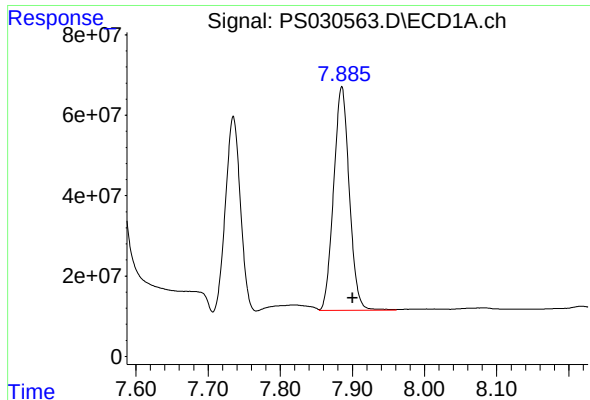
#6 MCPP

R.T.: 7.734 min
Delta R.T.: -0.014 min
Response: 697851259
Conc: 70.46 ug/ml m



#6 MCPP

R.T.: 8.073 min
Delta R.T.: -0.010 min
Response: 156450393
Conc: 67.68 ug/ml



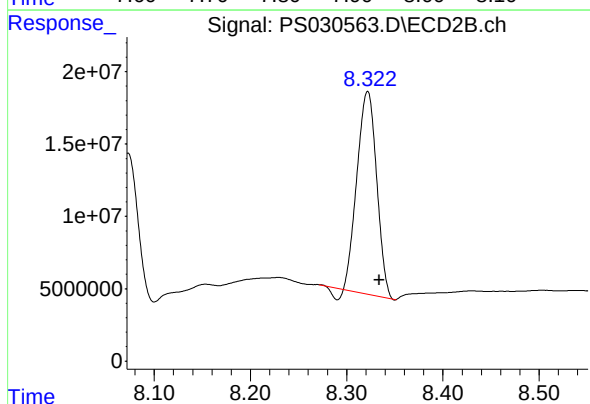
#7 MCPA

R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 839707835
Conc: 66.17 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

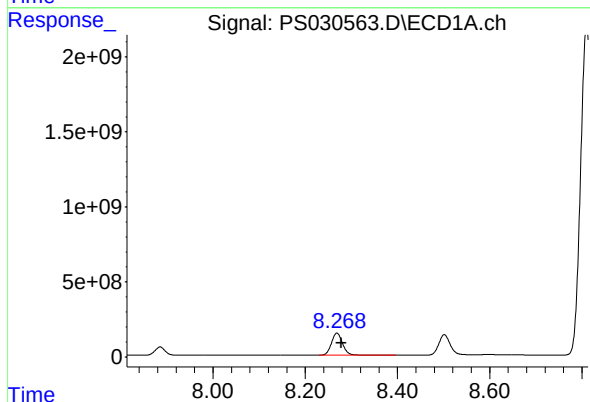
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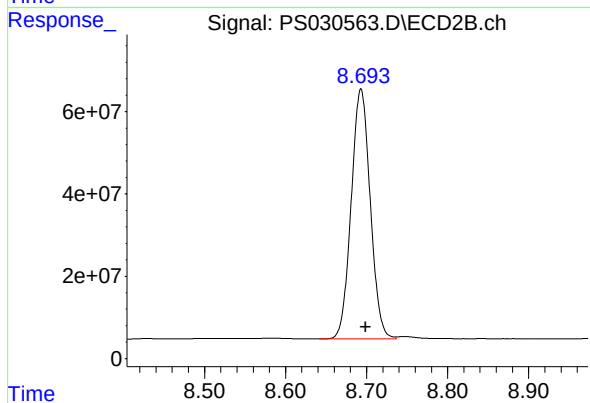
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 195864384
Conc: 63.47 ug/ml



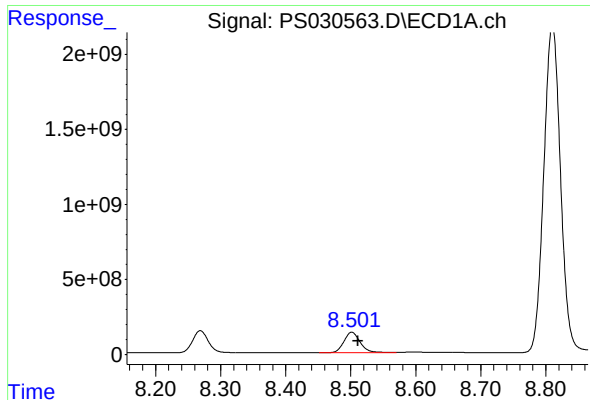
#8 DICHLORPROP

R.T.: 8.269 min
Delta R.T.: -0.009 min
Response: 2466616345
Conc: 677.99 ng/ml



#8 DICHLORPROP

R.T.: 8.693 min
Delta R.T.: -0.006 min
Response: 990572941
Conc: 667.41 ng/ml



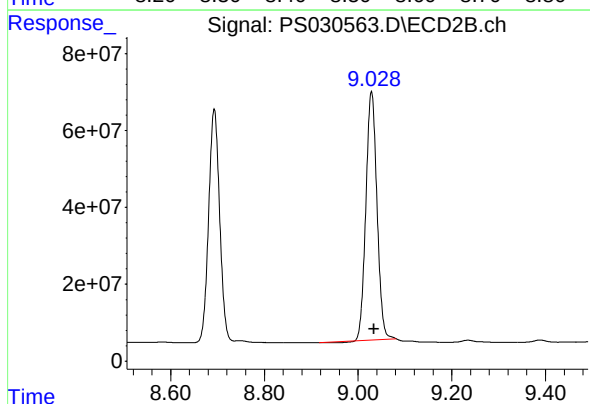
#9 2,4-D

R.T.: 8.502 min
Delta R.T.: -0.010 min
Response: 2377963651
Conc: 652.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

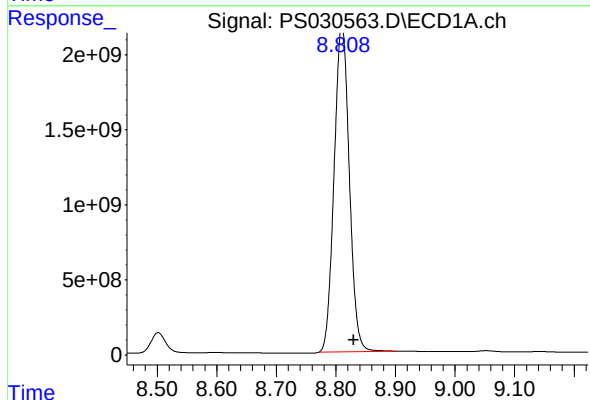
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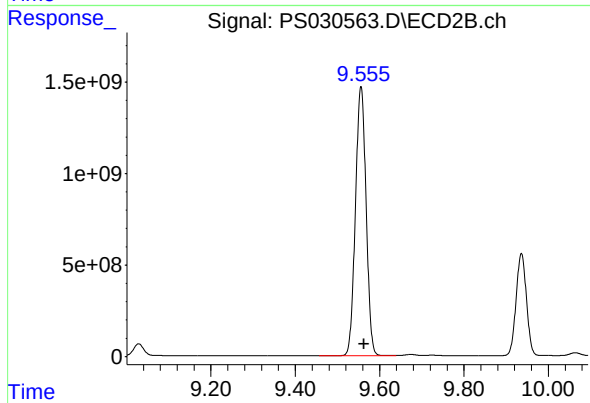
#9 2,4-D

R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 1055176189
Conc: 671.09 ng/ml



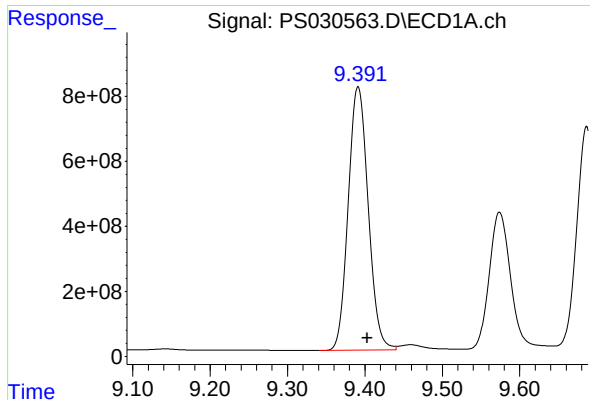
#10 Pentachlorophenol

R.T.: 8.810 min
Delta R.T.: -0.019 min
Response: 38420240560
Conc: 756.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.556 min
Delta R.T.: -0.007 min
Response: 25785340947
Conc: 713.52 ng/ml



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

R.T.: 9.391 min
Delta R.T.: -0.012 min
Response: 14464740417
Conc: 699.96 ng/ml

Instrument :

ECD_S

ClientSampleId :

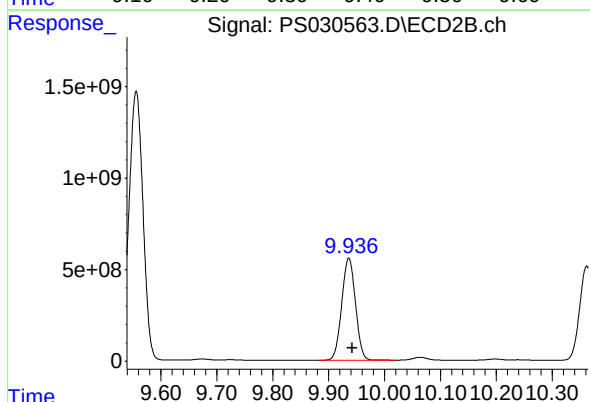
HSTDCCC750

Manual Integrations

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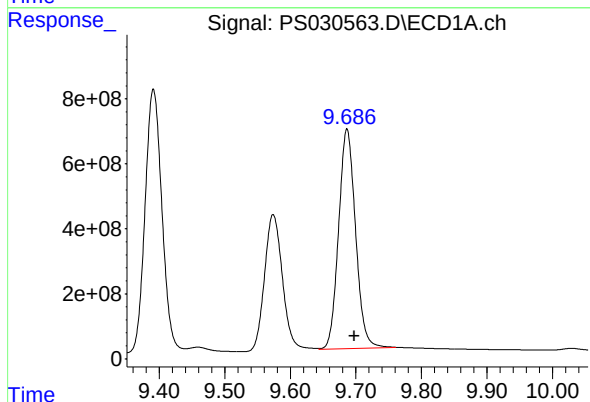
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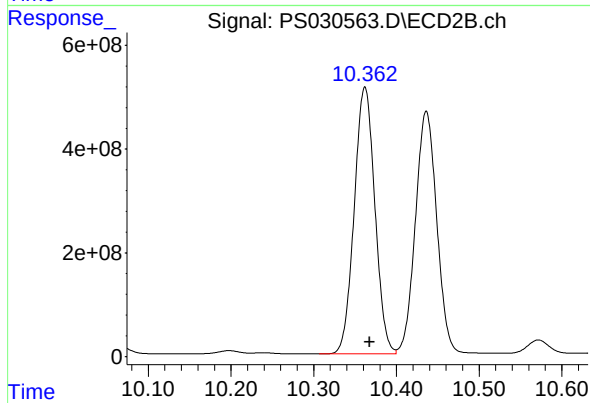
#11 2,4,5-TP (SILVEX)

R.T.: 9.936 min
Delta R.T.: -0.006 min
Response: 9501541026
Conc: 692.70 ng/ml



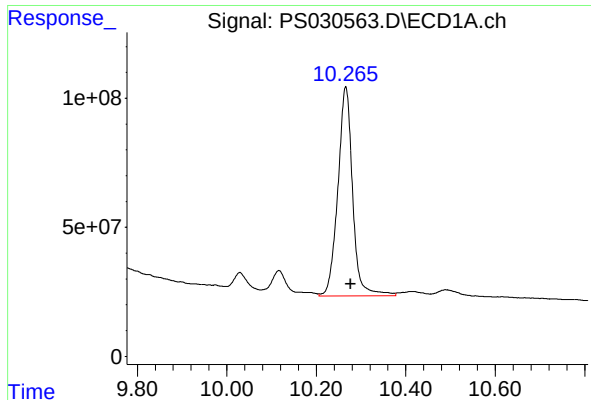
#12 2,4,5-T

R.T.: 9.686 min
Delta R.T.: -0.011 min
Response: 12136641059
Conc: 658.49 ng/ml



#12 2,4,5-T

R.T.: 10.362 min
Delta R.T.: -0.006 min
Response: 8928280345
Conc: 683.79 ng/ml



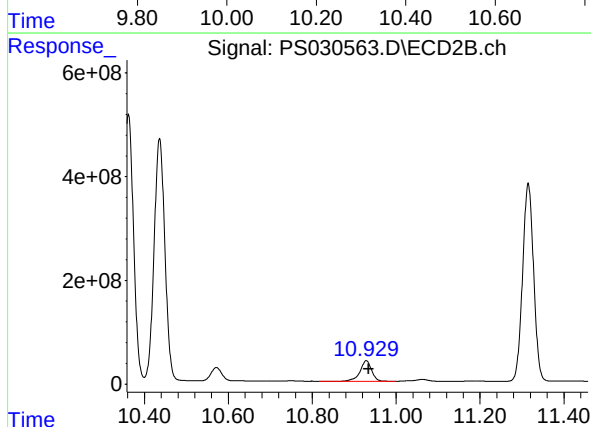
#13 2,4-DB

R.T.: 10.265 min
Delta R.T.: -0.012 min
Response: 1858799076
Conc: 612.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

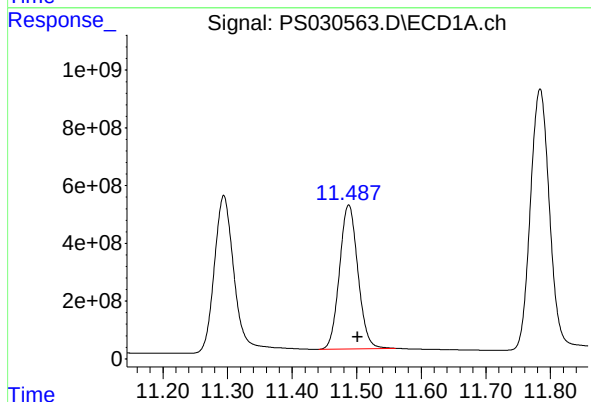
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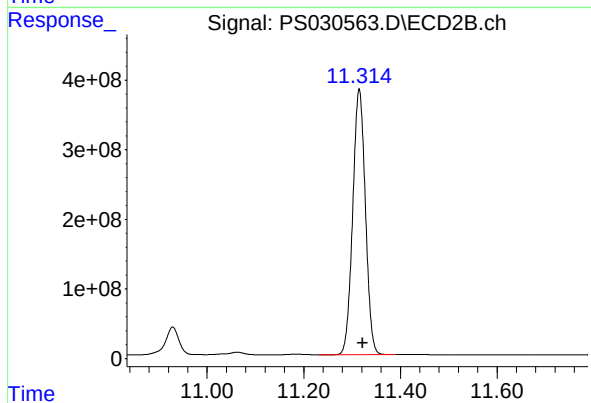
#13 2,4-DB

R.T.: 10.929 min
Delta R.T.: -0.006 min
Response: 755823423
Conc: 657.49 ng/ml



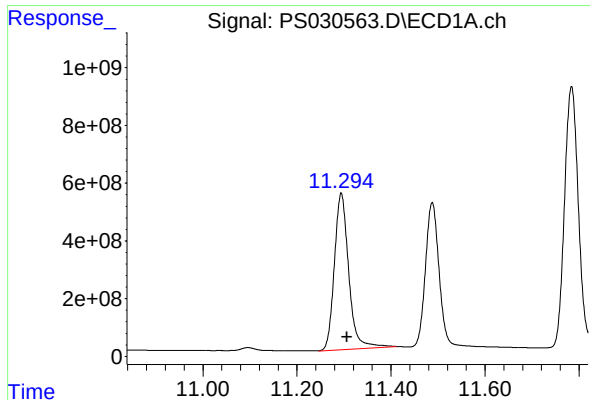
#14 DINOSEB

R.T.: 11.488 min
Delta R.T.: -0.014 min
Response: 9871951263
Conc: 686.75 ng/ml



#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: -0.007 min
Response: 6938437749
Conc: 690.38 ng/ml



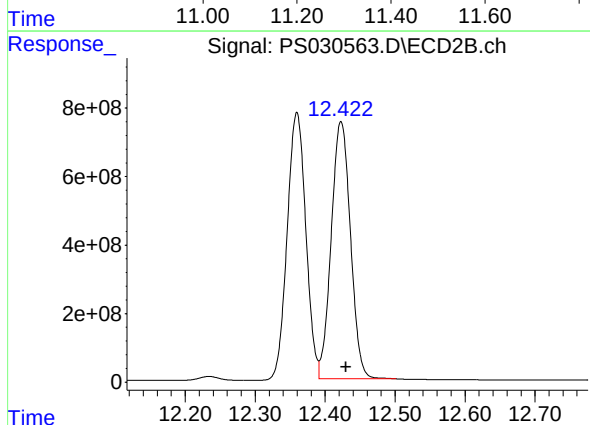
#15 Picloram

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 11514435659
Conc: 575.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

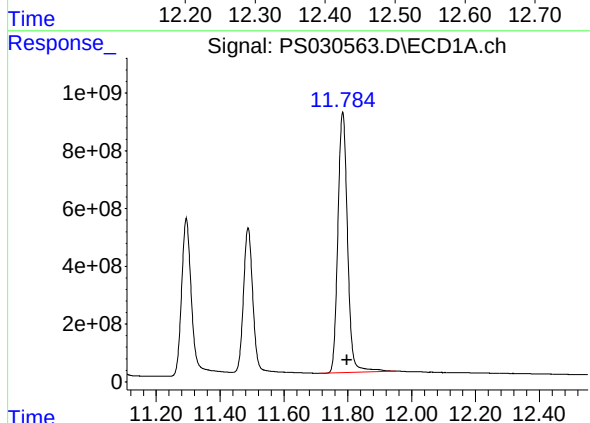
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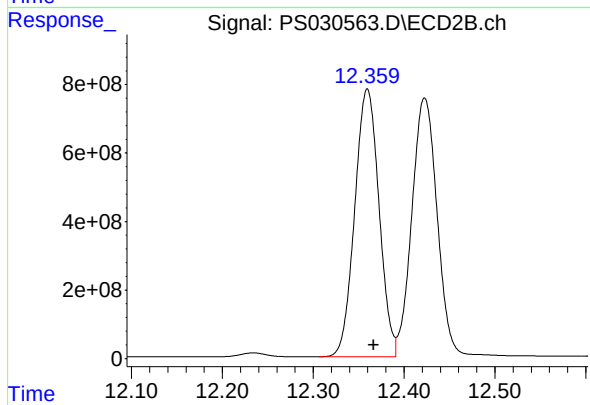
#15 Picloram

R.T.: 12.423 min
Delta R.T.: -0.007 min
Response: 14358690607
Conc: 650.19 ng/ml



#16 DCPA

R.T.: 11.784 min
Delta R.T.: -0.013 min
Response: 18859789715
Conc: 713.30 ng/ml



#16 DCPA

R.T.: 12.359 min
Delta R.T.: -0.007 min
Response: 14555707533
Conc: 711.32 ng/ml m