

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS093025\
 Data File : PS031894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 21:42
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:22:52 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	7.283	7.743	2790.4E6	715.7E6	774.778	787.459
Target Compounds							
1) T	Dalapon	2.670	2.691	3502.8E6	1746.6E6	605.948	619.872
2) T	3,5-DICHL...	6.450	6.696	3741.3E6	998.7E6	701.495	654.872
3) T	4-Nitroph...	7.093	7.295	875.7E6	737.0E6	793.806	583.652m#
5) T	DICAMBA	7.467	7.938	11084.6E6	4512.6E6	710.702	693.523
6) T	MCPD	7.645	8.036	723.5E6	156.8E6	80.939	83.232
7) T	MCPA	7.794	8.283	826.7E6	203.4E6	74.409	72.629
8) T	DICHLORPROP	8.174	8.657	2547.7E6	931.3E6	715.298	640.070
9) T	2,4-D	8.410	9.000	2347.3E6	1110.6E6	685.218	675.101
10) T	Pentachlo...	8.708	9.507	42108.1E6	30272.5E6	793.089	762.713
11) T	2,4,5-TP ...	9.282	9.892	15464.8E6	10604.0E6	737.341	704.383
12) T	2,4,5-T	9.578	10.321	13924.8E6	9470.7E6	760.996	703.777
13) T	2,4-DB	10.154	10.889	1579.6E6	770.0E6	677.157	719.618
14) T	DINOSEB	11.350	11.265	10941.9E6	7440.9E6	758.656	765.471
15) T	Picloram	11.179	12.385	12873.7E6	15897.5E6	714.767	671.255
16) T	DCPA	11.649	12.305	20511.3E6	17576.4E6	761.089	729.188

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

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Acq On : 30 Sep 2025 21:42
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

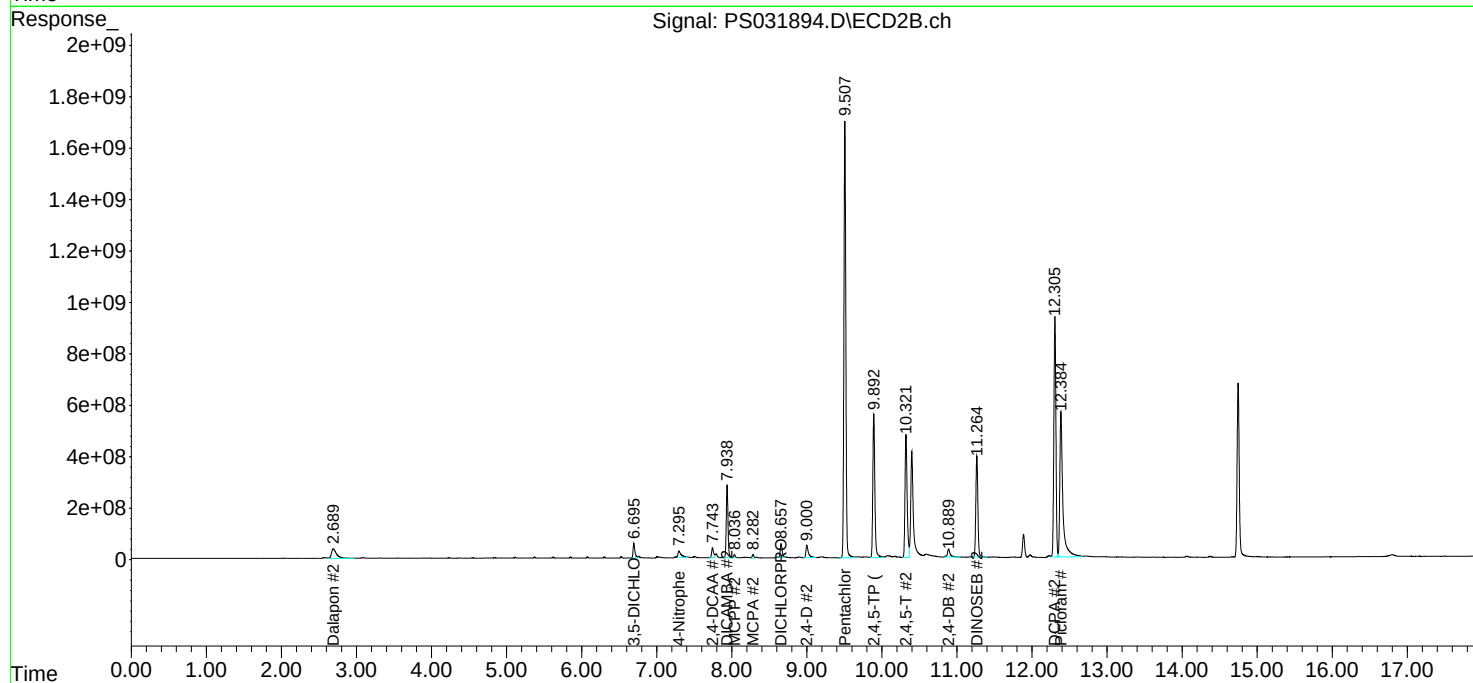
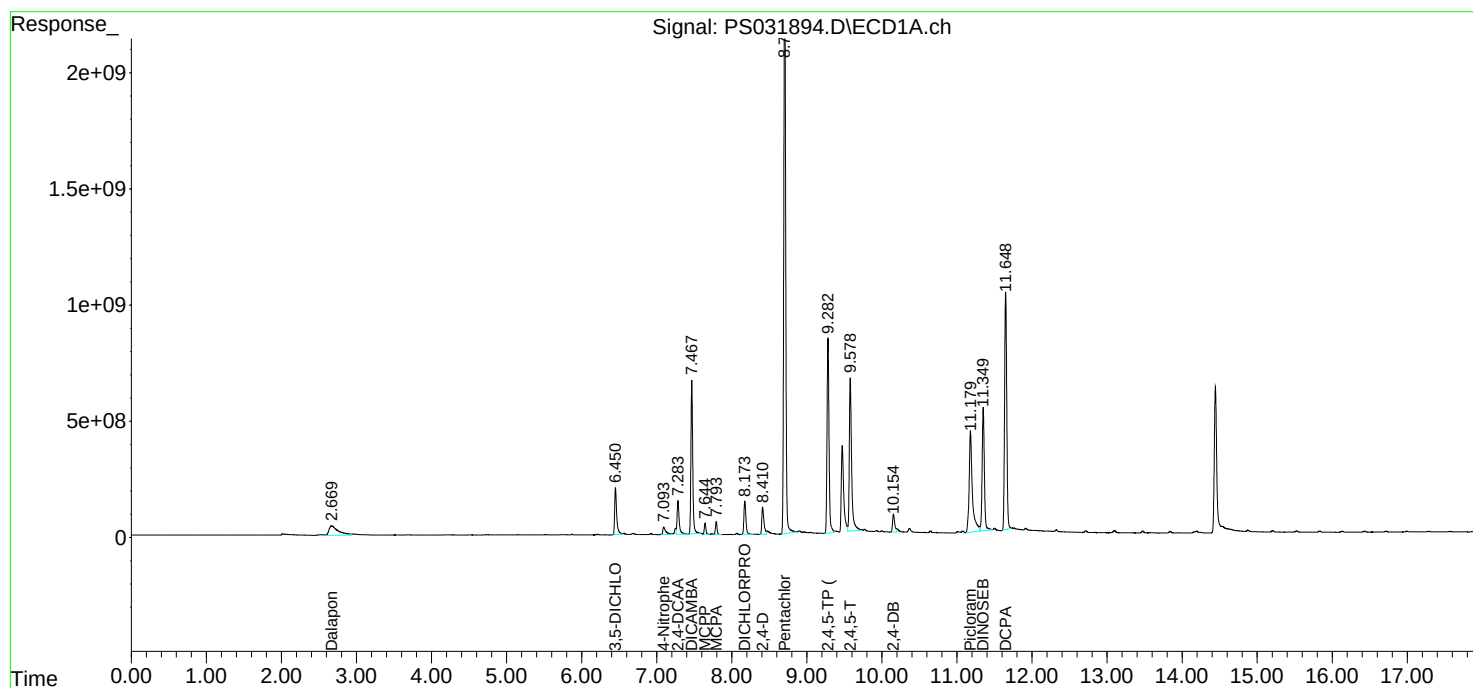
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

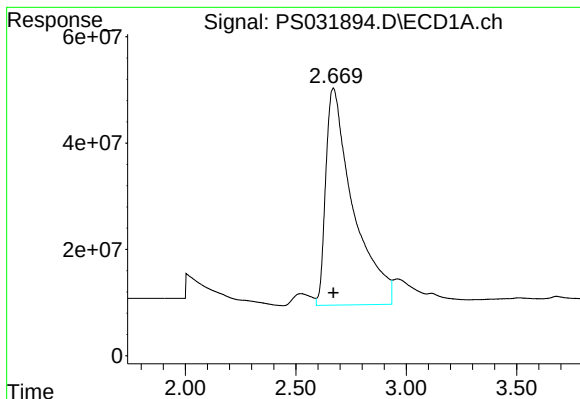
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.001 min
Response: 3502832474
Conc: 605.95 ng/ml

Instrument :

ECD_S

ClientSampleId :

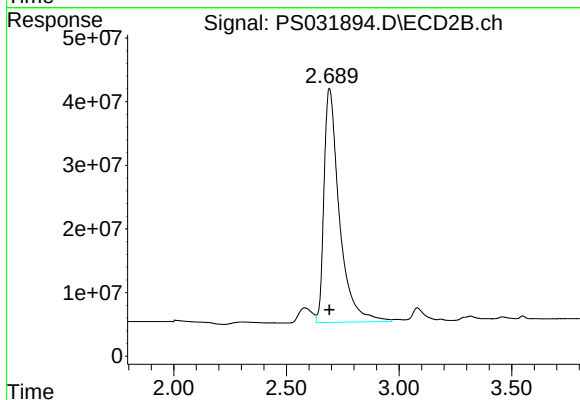
HSTDCCC750

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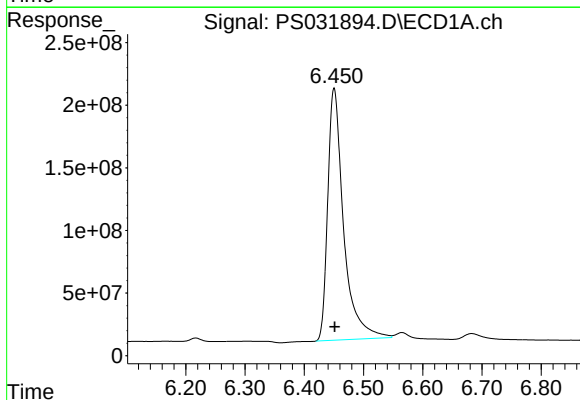
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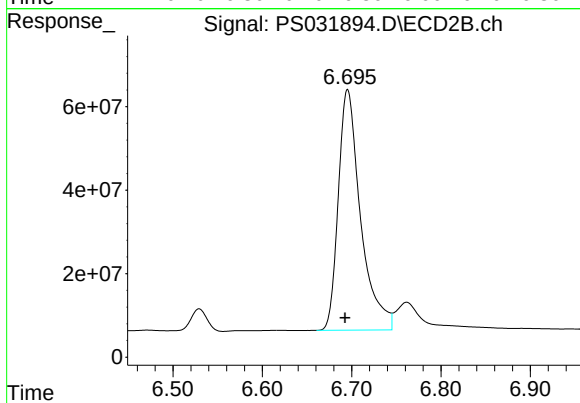
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.001 min
Response: 1746568327
Conc: 619.87 ng/ml



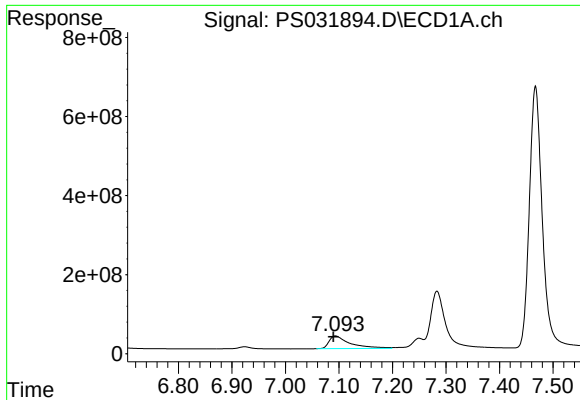
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 3741325421
Conc: 701.49 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 998656380
Conc: 654.87 ng/ml



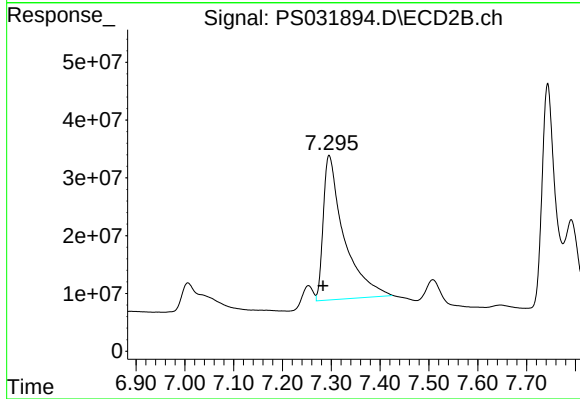
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: 0.004 min
Response: 875733988
Conc: 793.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

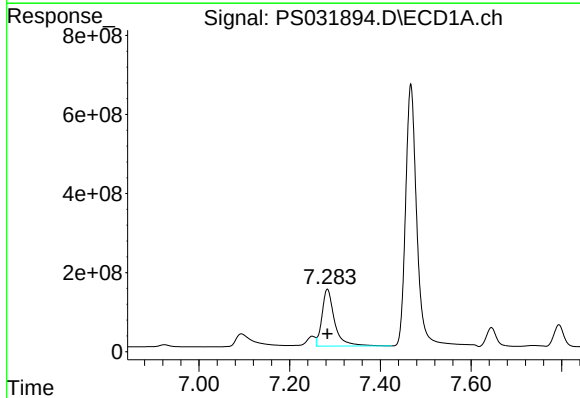
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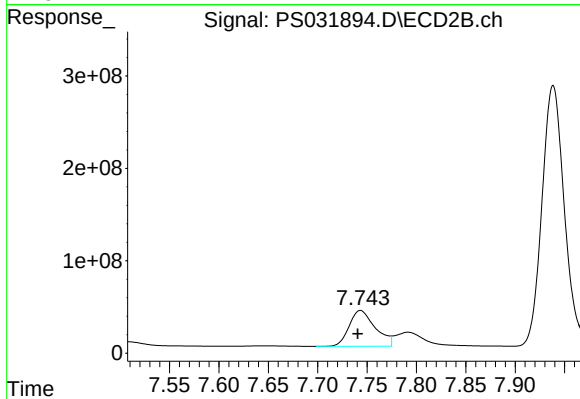
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 737027578
Conc: 583.65 ng/ml m



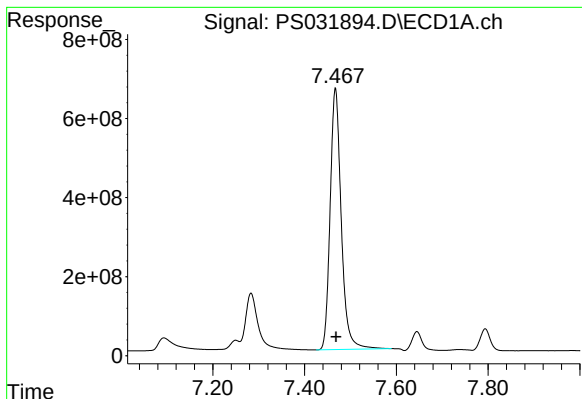
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 2790384646
Conc: 774.78 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 715721113
Conc: 787.46 ng/ml



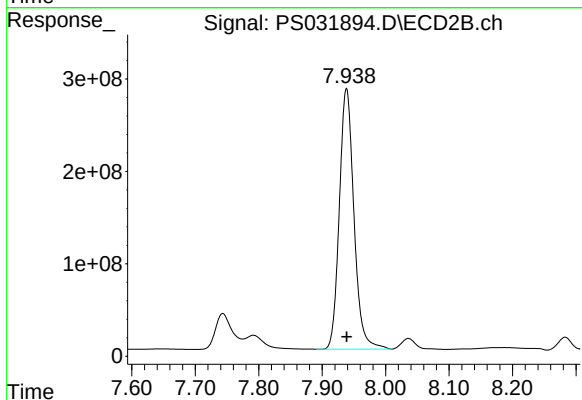
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 11084606860
Conc: 710.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

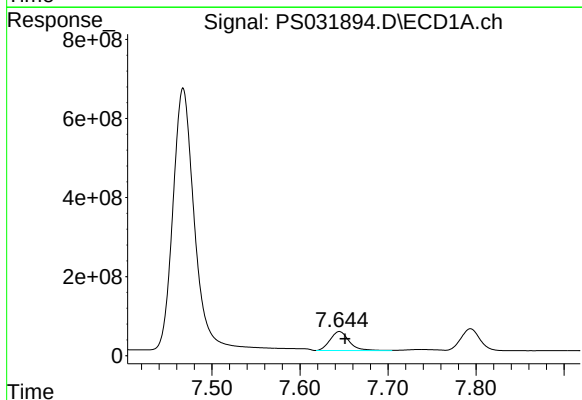
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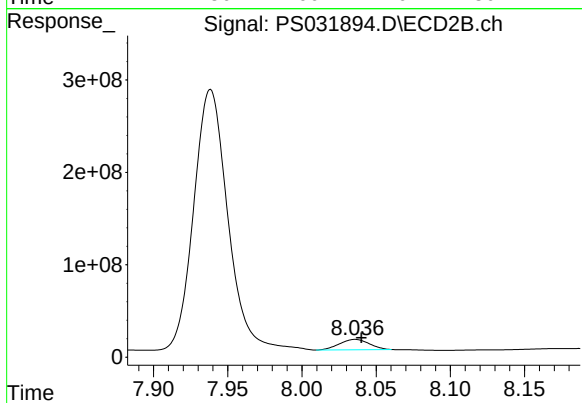
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 4512649092
Conc: 693.52 ng/ml



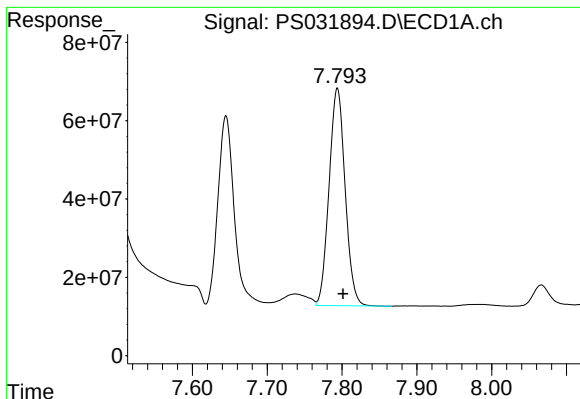
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.007 min
Response: 723530741
Conc: 80.94 ug/ml



#6 MCPP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 156760342
Conc: 83.23 ug/ml



#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.008 min
Response: 826711138
Conc: 74.41 ug/ml

Instrument :

ECD_S

ClientSampleId :

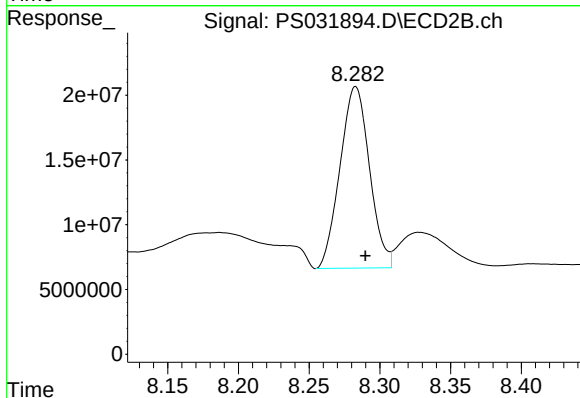
HSTDCCC750

Manual Integrations

APPROVED

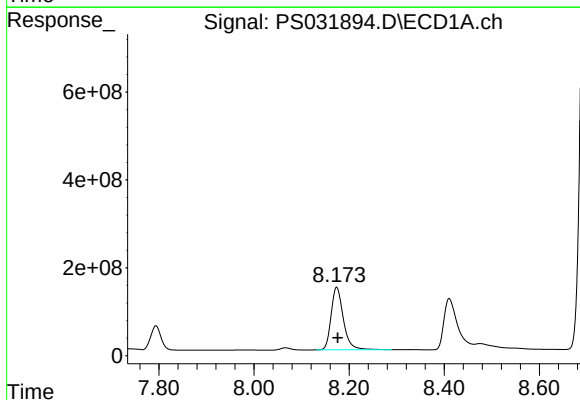
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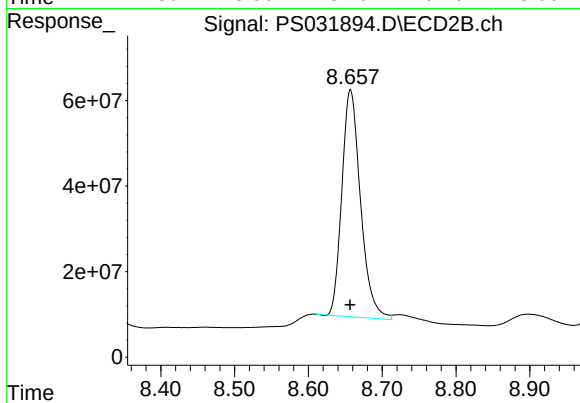
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 203448535
Conc: 72.63 ug/ml



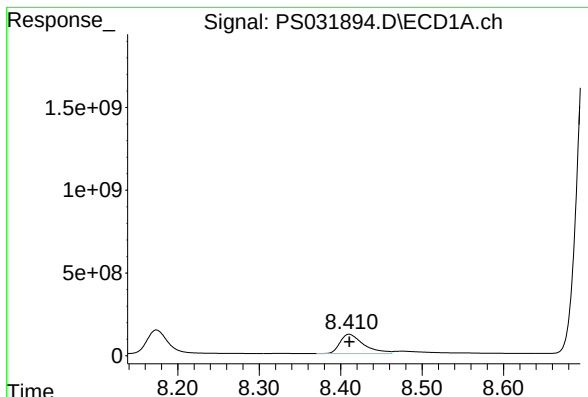
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2547720438
Conc: 715.30 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 931339888
Conc: 640.07 ng/ml



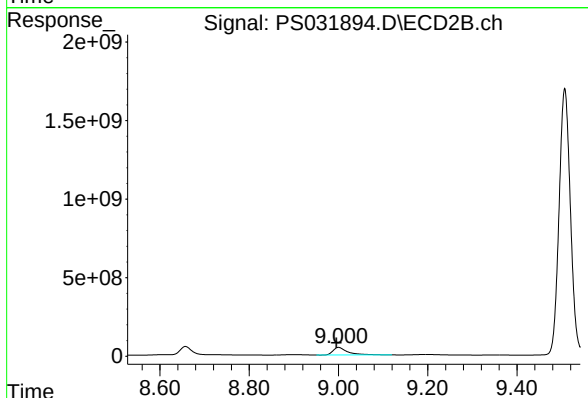
#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2347311243
Conc: 685.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

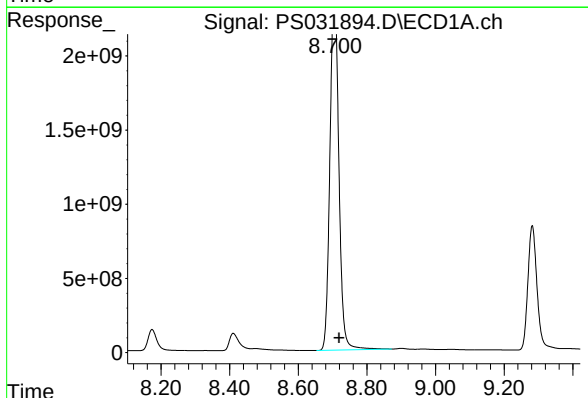
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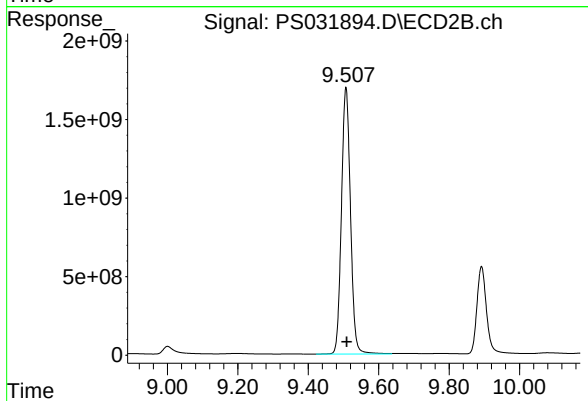
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 1110616415
Conc: 675.10 ng/ml



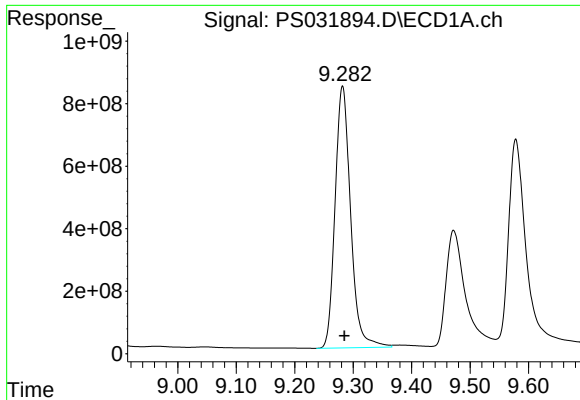
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 42108118841
Conc: 793.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 30272477237
Conc: 762.71 ng/ml



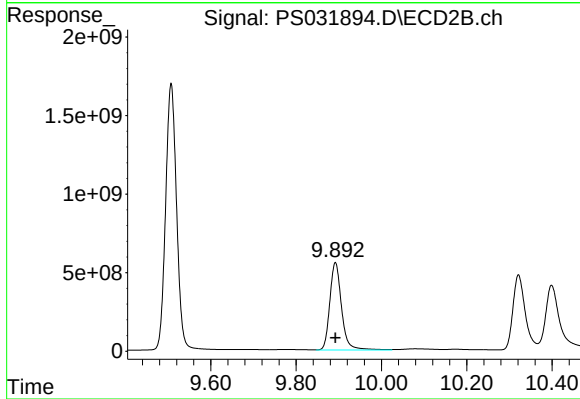
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: -0.003 min
Response: 15464769607
Conc: 737.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

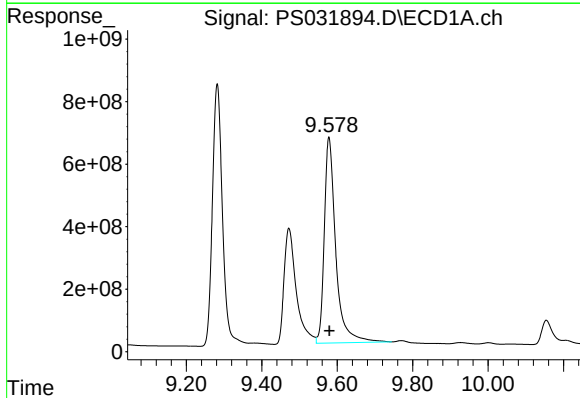
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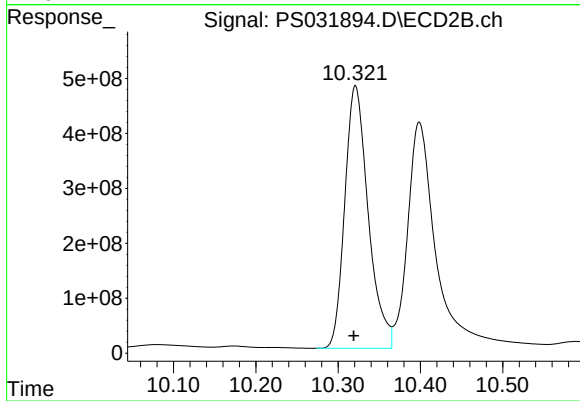
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 10604000152
Conc: 704.38 ng/ml



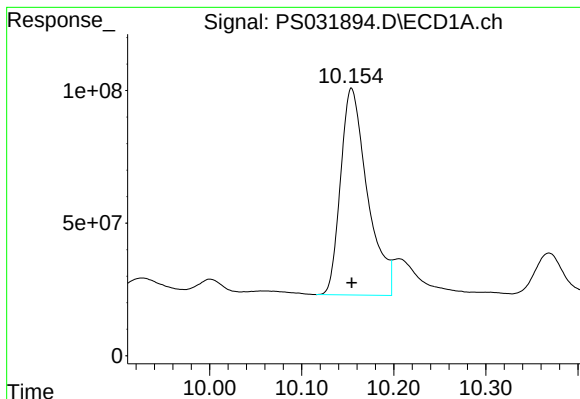
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.001 min
Response: 13924830853
Conc: 761.00 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 9470740497
Conc: 703.78 ng/ml



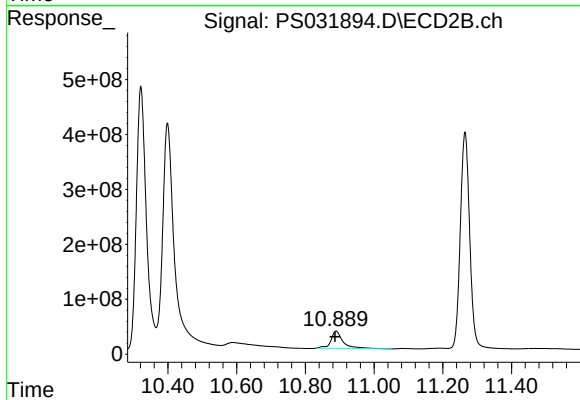
#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 1579648178
Conc: 677.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

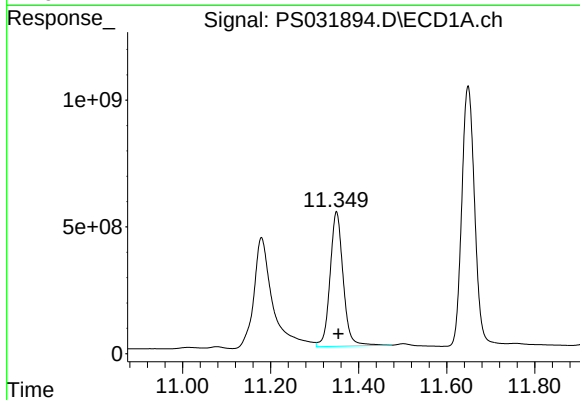
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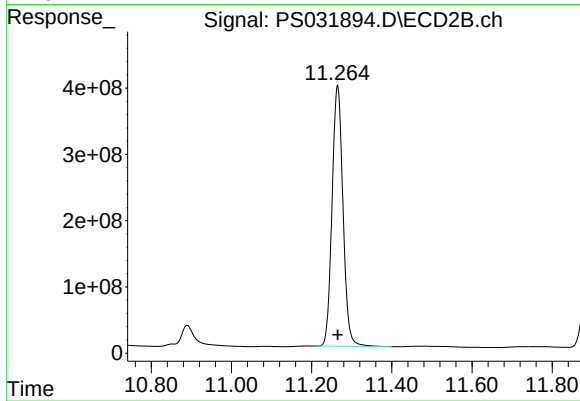
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.003 min
Response: 770023840
Conc: 719.62 ng/ml



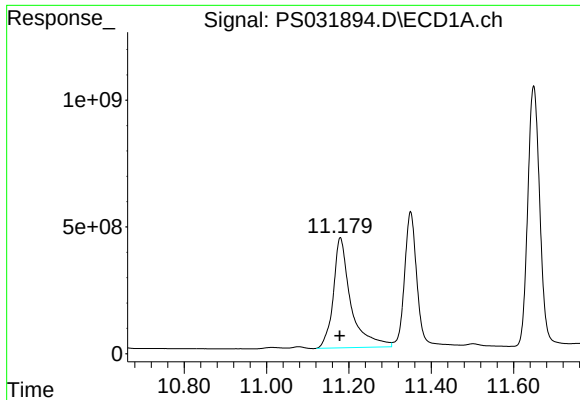
#14 DINOSEB

R.T.: 11.350 min
Delta R.T.: -0.005 min
Response: 10941860936
Conc: 758.66 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7440902670
Conc: 765.47 ng/ml



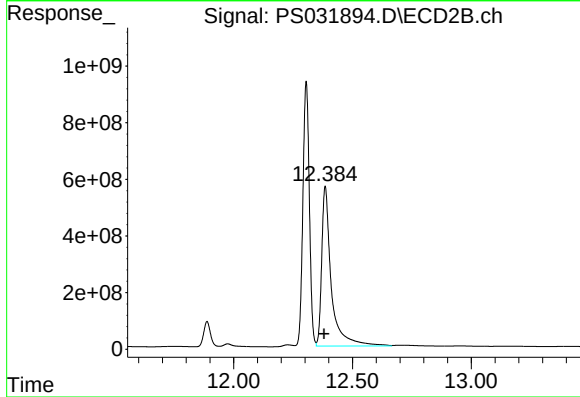
#15 Picloram

R.T.: 11.179 min
Delta R.T.: 0.001 min
Response: 12873726869
Conc: 714.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

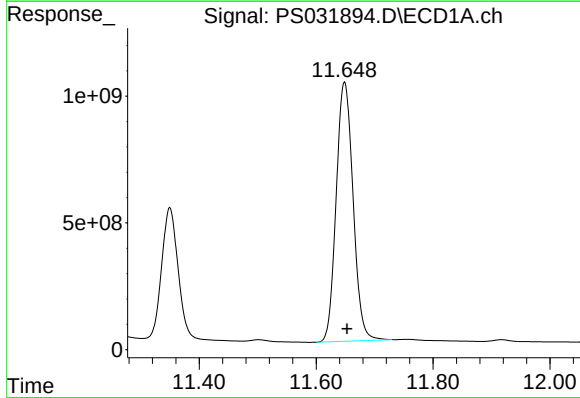
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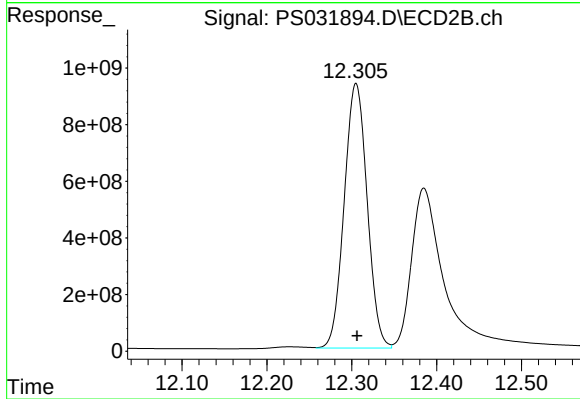
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 15897505419
Conc: 671.26 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 20511265892
Conc: 761.09 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.000 min
Response: 17576430949
Conc: 729.19 ng/ml