

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091625\
 Data File : PS031750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 10:15
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 05:44:50 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	7.285	7.743	2750.4E6	657.0E6	763.689	722.841
Target Compounds							
1) T	Dalapon	2.672	2.691	3870.7E6	1898.4E6	669.578	673.759
2) T	3,5-DICHL...	6.452	6.696	3744.3E6	1062.2E6	702.045	696.522
3) T	4-Nitroph...	7.097	7.295	839.9E6	773.0E6	761.289	612.112
5) T	DICAMBA	7.469	7.939	11262.3E6	4524.1E6	722.097	695.278
6) T	MCPD	7.646	8.036	666.0E6	144.1E6	74.504	76.532
7) T	MCPA	7.795	8.284	805.8E6	203.0E6	72.523	72.467
8) T	DICHLORPROP	8.177	8.658	2518.6E6	1024.4E6	707.120	704.058
9) T	2,4-D	8.414	9.001	2713.0E6	1124.0E6	791.983	683.257
10) T	Pentachlo...	8.707	9.508	41167.7E6	28953.6E6	775.377	729.484
11) T	2,4,5-TP ...	9.284	9.893	15362.9E6	10593.8E6	732.485	703.706
12) T	2,4,5-T	9.582	10.322	14102.3E6	9377.0E6	770.693	696.811
13) T	2,4-DB	10.156	10.889	1696.7E6	690.1E6	727.353m	644.945m
14) T	DINOSEB	11.354	11.265	10656.5E6	7027.2E6	738.870	722.909
15) T	Picloram	11.183	12.385	14319.6E6	17205.7E6	795.046	726.491
16) T	DCPA	11.652	12.306	20181.2E6	17237.4E6	748.843	715.125

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

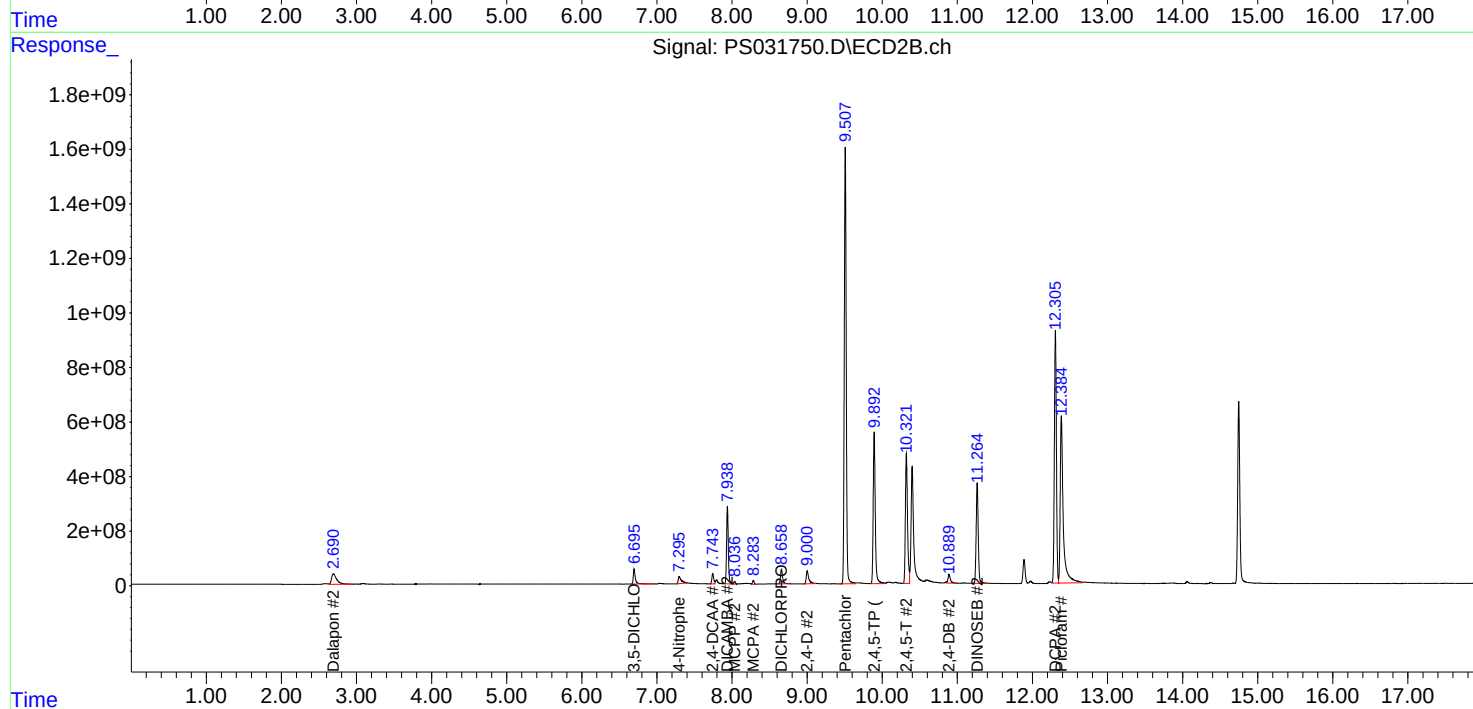
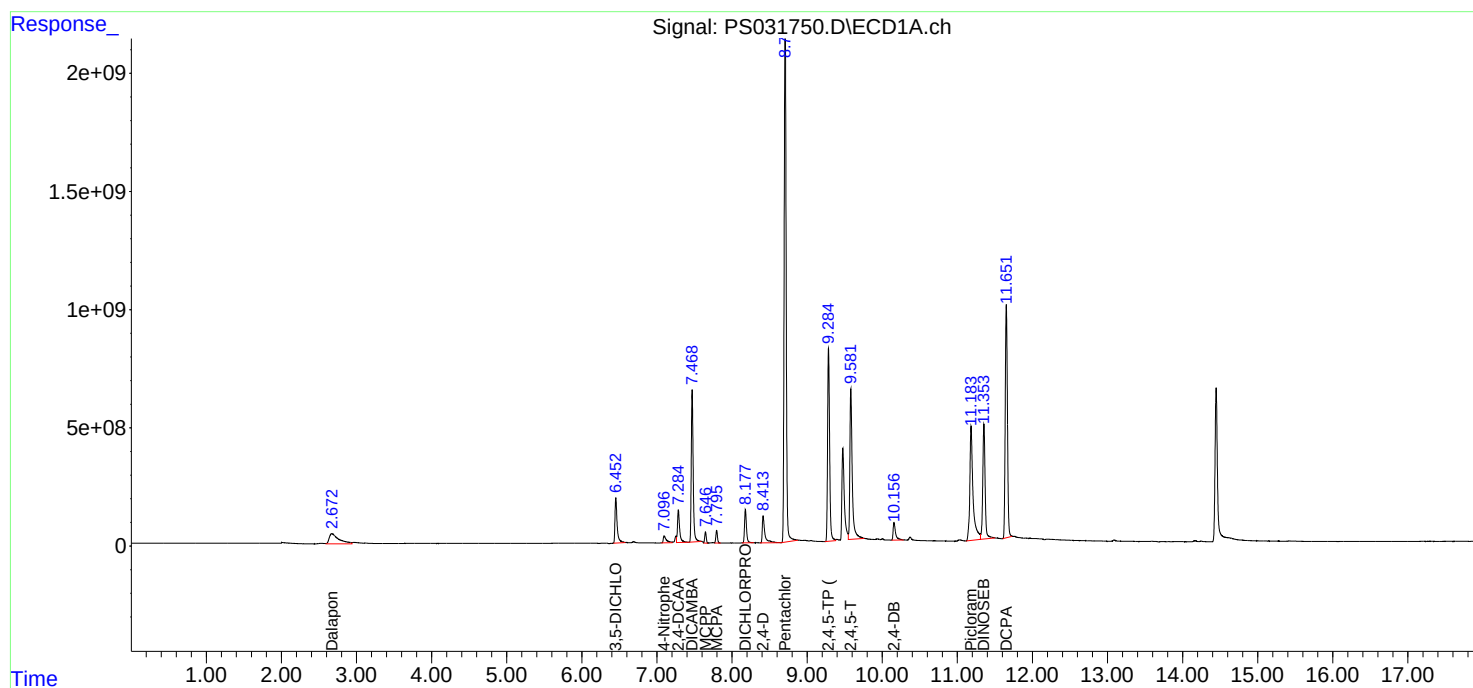
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

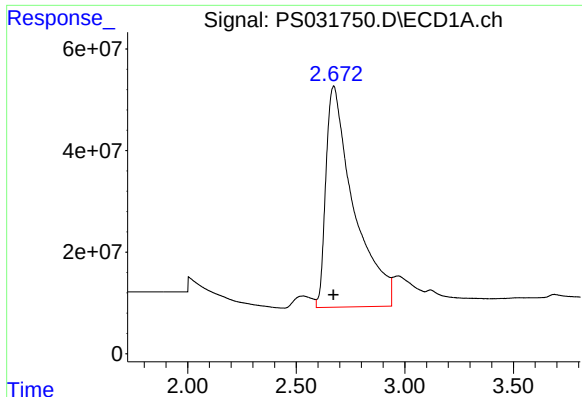
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.001 min
Response: 3870656960
Conc: 669.58 ng/ml

Instrument :

ECD_S

ClientSampleId :

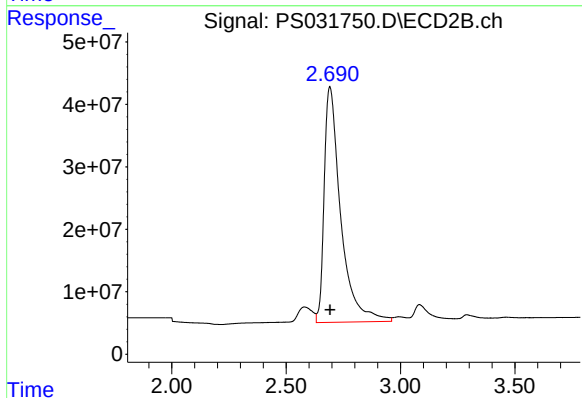
HSTDCCC750

Manual Integrations

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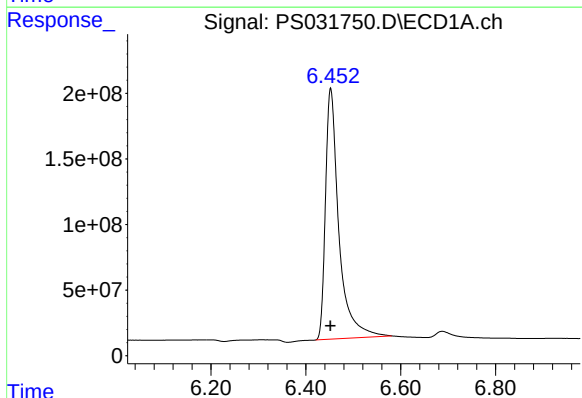
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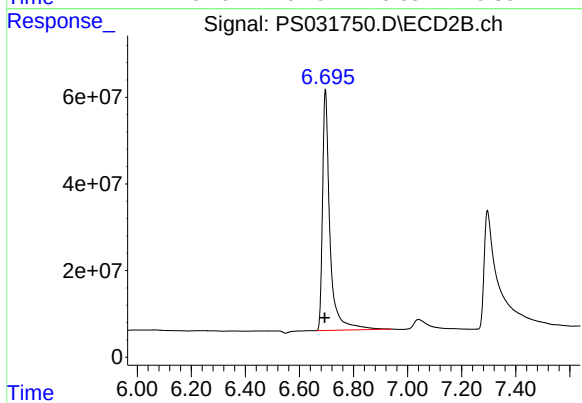
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1898402244
Conc: 673.76 ng/ml



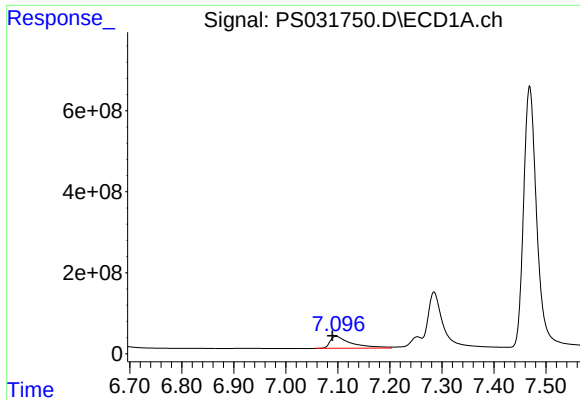
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3744258056
Conc: 702.04 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1062171955
Conc: 696.52 ng/ml



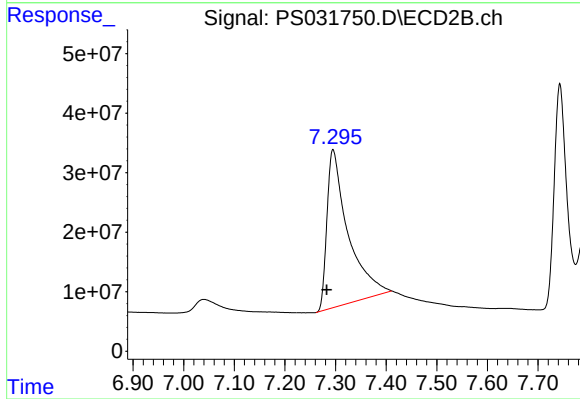
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.007 min
Response: 839860996
Conc: 761.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

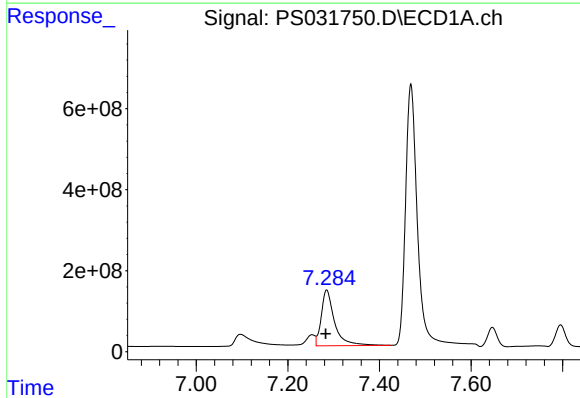
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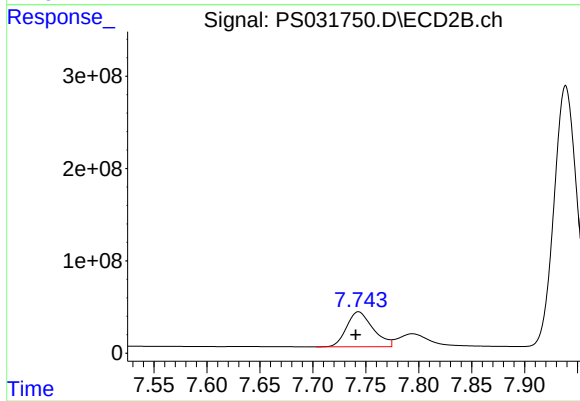
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.013 min
Response: 772966175
Conc: 612.11 ng/ml



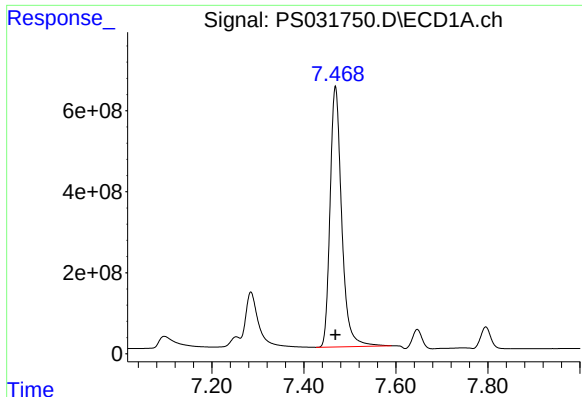
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2750445883
Conc: 763.69 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 656989418
Conc: 722.84 ng/ml



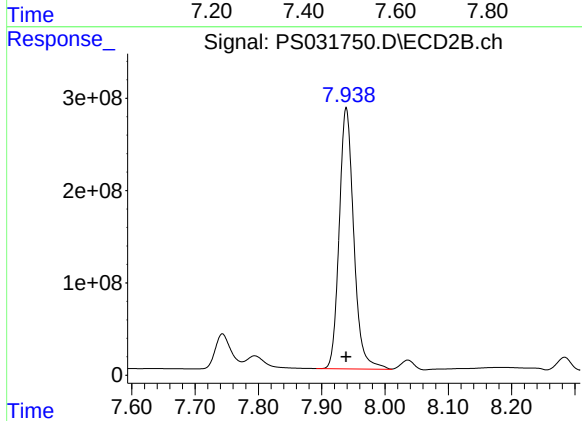
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11262339749
Conc: 722.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

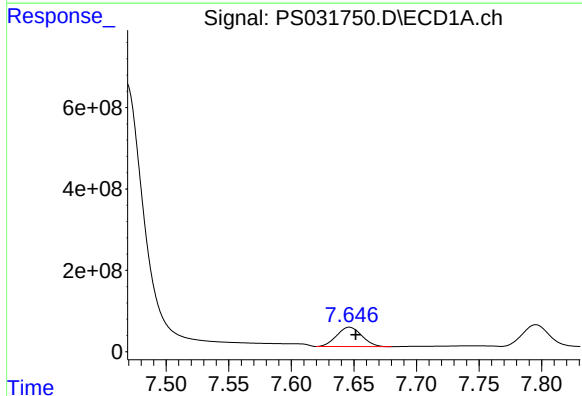
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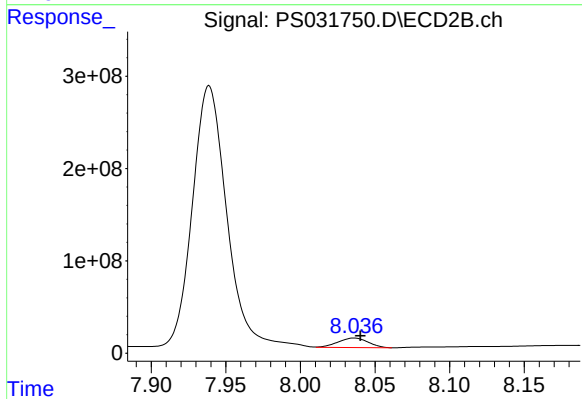
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4524067125
Conc: 695.28 ng/ml



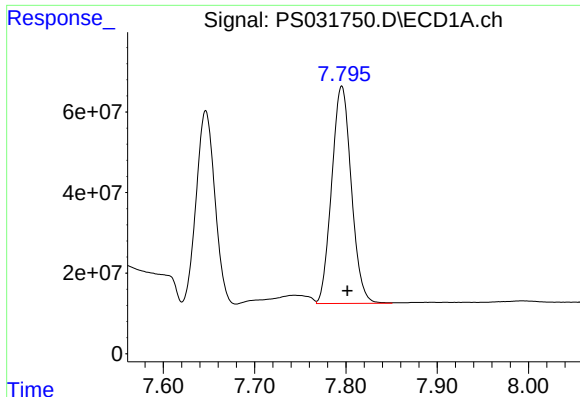
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 666011473
Conc: 74.50 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 144141026
Conc: 76.53 ug/ml



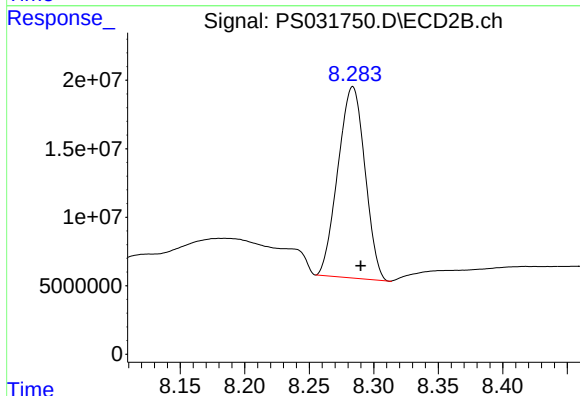
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.006 min
Response: 805767205
Conc: 72.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

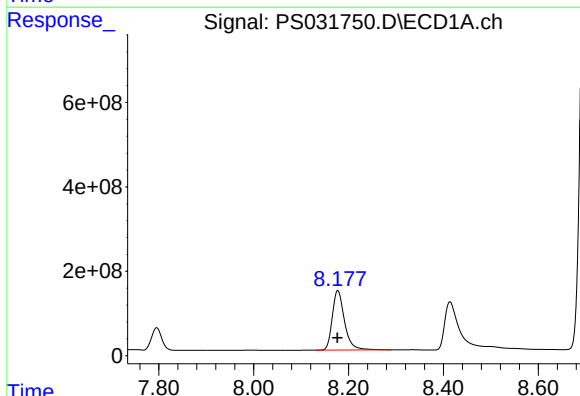
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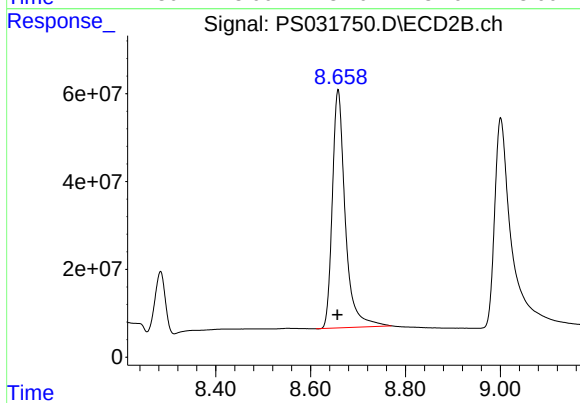
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 202996546
Conc: 72.47 ug/ml



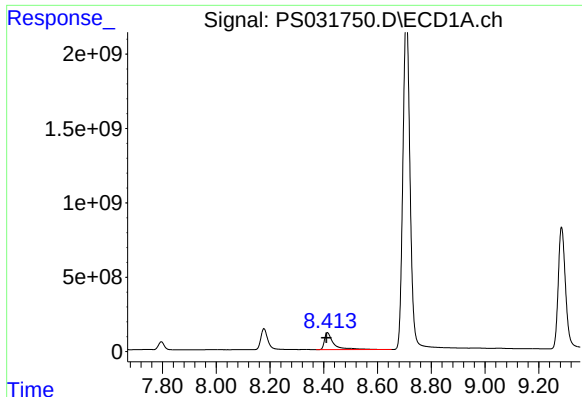
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2518594015
Conc: 707.12 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.001 min
Response: 1024446702
Conc: 704.06 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 2713048358
Conc: 791.98 ng/ml

Instrument :

ECD_S

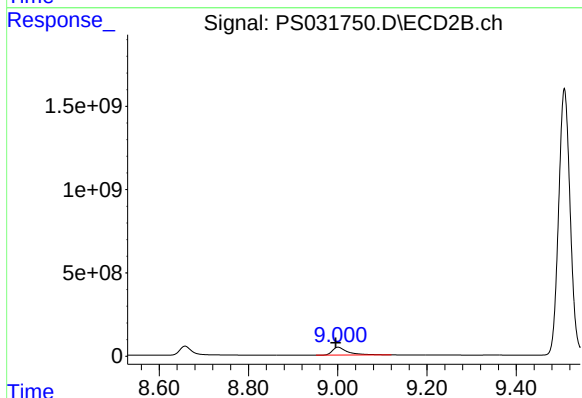
ClientSampleId :

HSTDCCC750

Manual Integrations

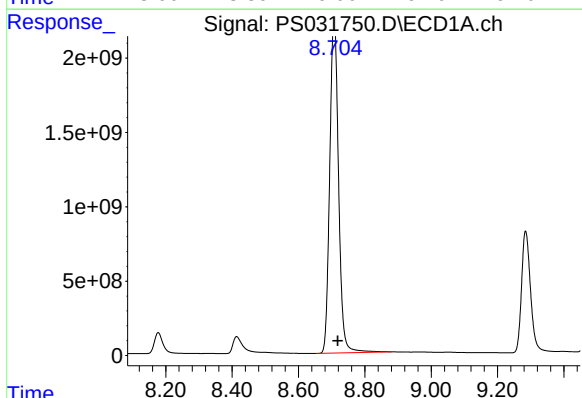
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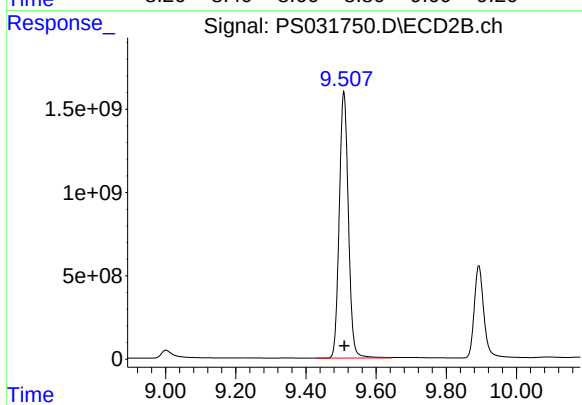
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 1124032841
Conc: 683.26 ng/ml



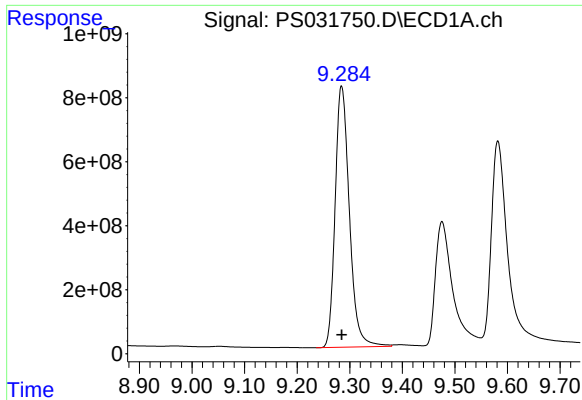
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 41167748751
Conc: 775.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 28953616261
Conc: 729.48 ng/ml



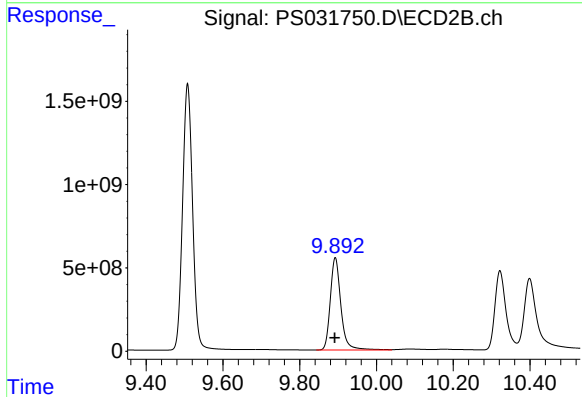
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 15362904099
Conc: 732.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

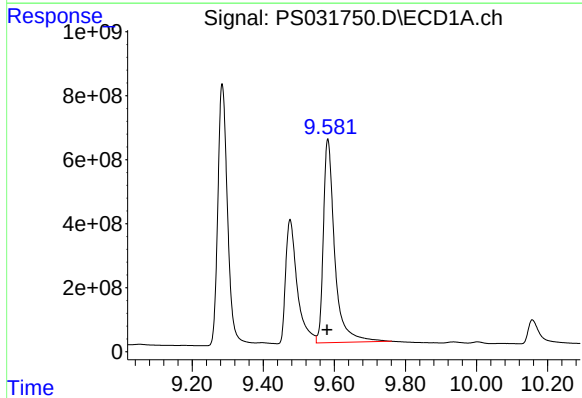
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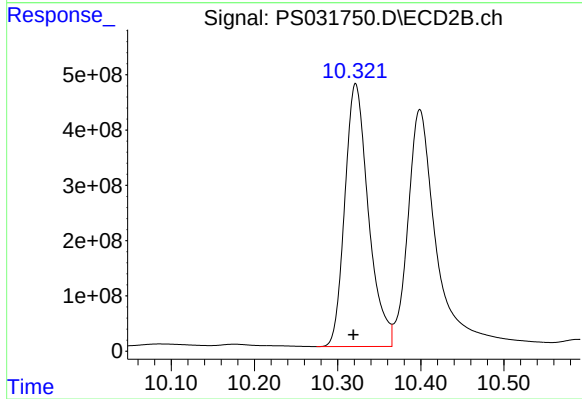
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 10593813528
Conc: 703.71 ng/ml



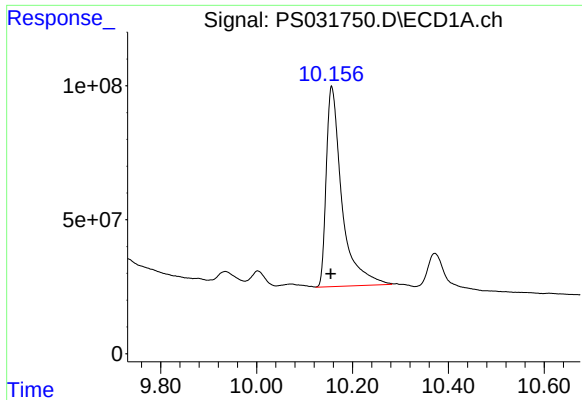
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.002 min
Response: 14102283340
Conc: 770.69 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 9376995186
Conc: 696.81 ng/ml



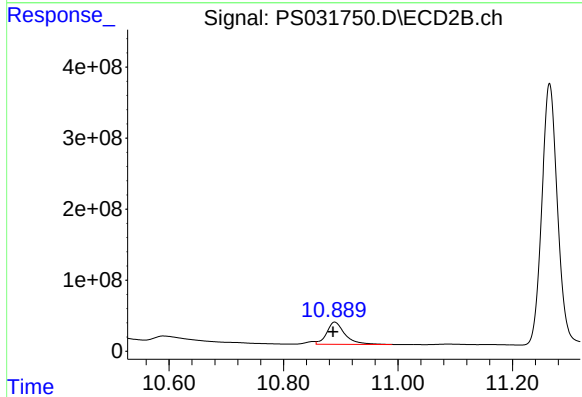
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 1696744047
Conc: 727.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

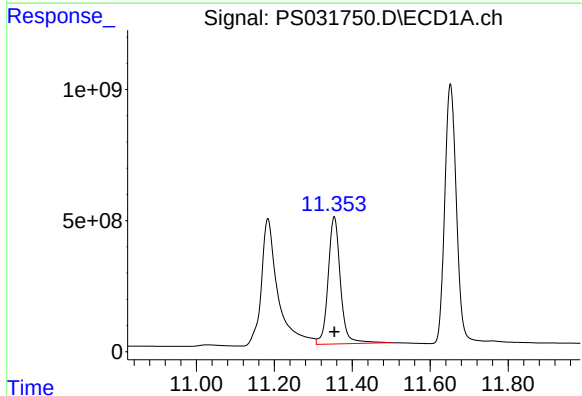
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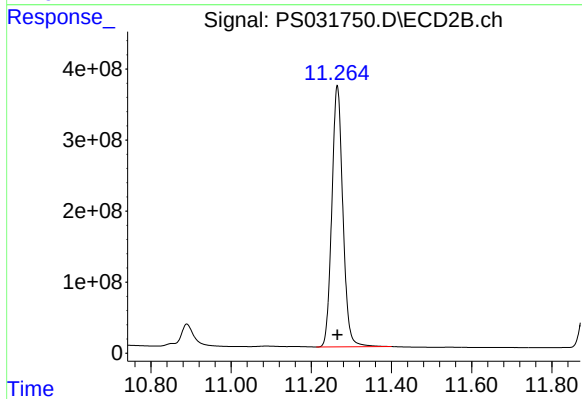
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.002 min
Response: 690119894
Conc: 644.94 ng/ml m



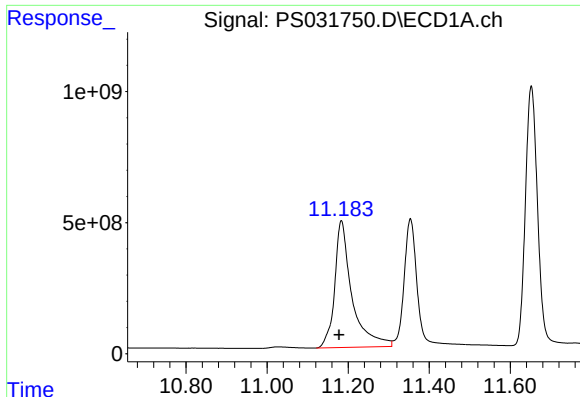
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 10656488836
Conc: 738.87 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7027172481
Conc: 722.91 ng/ml



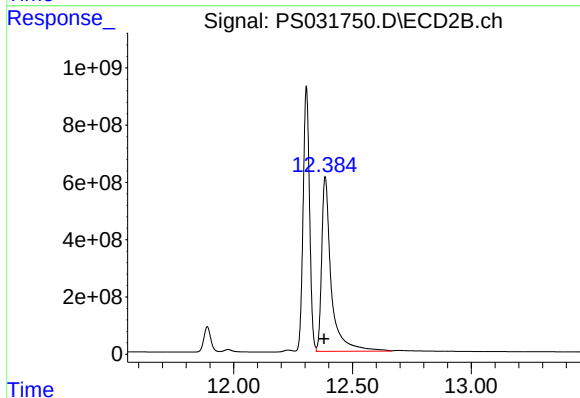
#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.006 min
Response: 14319629284
Conc: 795.05 ng/ml

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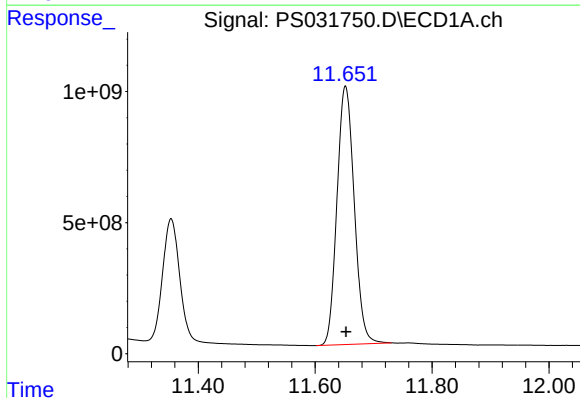
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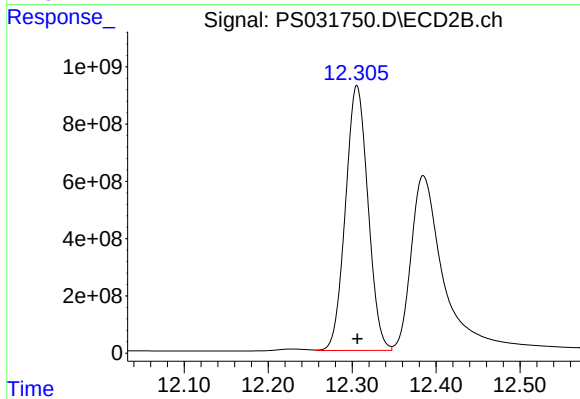
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 17205672543
Conc: 726.49 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 20181238334
Conc: 748.84 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 17237448350
Conc: 715.13 ng/ml