

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092625\
 Data File : PS031854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2025 10:13
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/29/2025
 Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 11:28:50 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	7.282	7.742	2820.4E6	682.3E6	783.121	750.724
Target Compounds							
1) T	Dalapon	2.671	2.691	3588.6E6	1740.3E6	620.779	617.663
2) T	3,5-DICHL...	6.450	6.694	3854.2E6	1073.4E6	722.667	703.864
3) T	4-Nitroph...	7.091	7.293	876.3E6	789.5E6	794.292	625.229
5) T	DICAMBA	7.467	7.938	11657.0E6	4686.9E6	747.401	720.310
6) T	MCPD	7.646	8.035	681.8E6	142.1E6	76.273	75.438
7) T	MCPA	7.795	8.283	813.7E6	200.6E6	73.242	71.601
8) T	DICHLORPROP	8.174	8.657	2610.3E6	1055.7E6	732.869	725.538
9) T	2,4-D	8.410	8.998	2579.5E6	1152.8E6	752.997	700.764
10) T	Pentachlo...	8.708	9.507	42411.9E6	29432.5E6	798.810	741.549
11) T	2,4,5-TP ...	9.283	9.892	15954.9E6	10737.9E6	760.711	713.275
12) T	2,4,5-T	9.578	10.321	14661.7E6	9621.5E6	801.266	714.983
13) T	2,4-DB	10.153	10.888	1907.5E6	744.4E6	817.703m	695.708m
14) T	DINOSEB	11.351	11.265	11411.1E6	7606.5E6	791.189	782.505
15) T	Picloram	11.176	12.384	15283.7E6	17156.2E6	848.574	724.400
16) T	DCPA	11.650	12.306	20690.8E6	16824.8E6	767.752	698.004

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

DBaaPbhh::ZZ\psetppbbsv\NPEBMM1\FEDS\QbbaR8002025\
 DBaaFfile::PB001884DD
 S\$ggaal(ç)::S\$ggaal#1:EEDAAcbh S\$ggaal#2:EED0Bcbh
 AAqq00n::206S6pp20025 100133
 OPeaator::AARAJ
 S\$ampbe::HB5DCC0730
 M\$isc::
 AASVaal::33 S\$ampbeMMiipbler:11

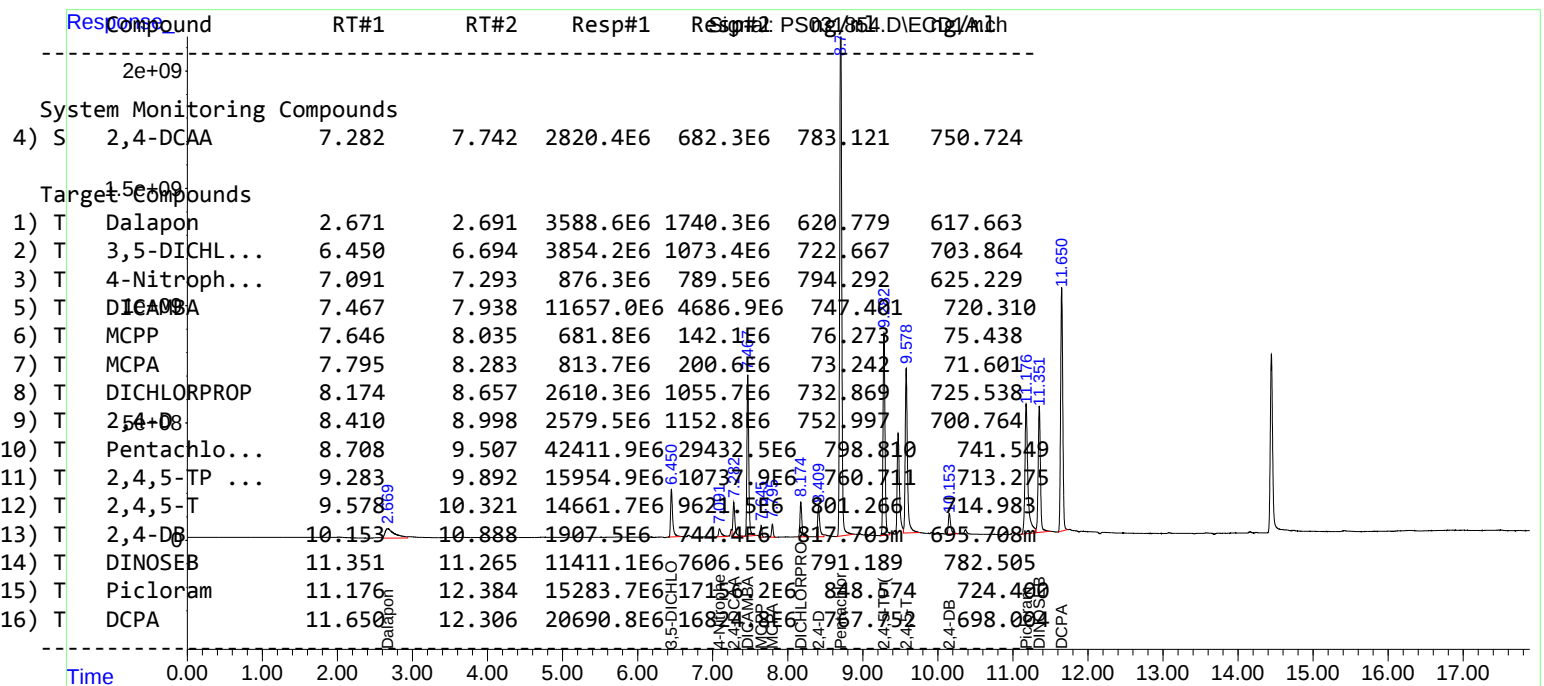
Instrument :
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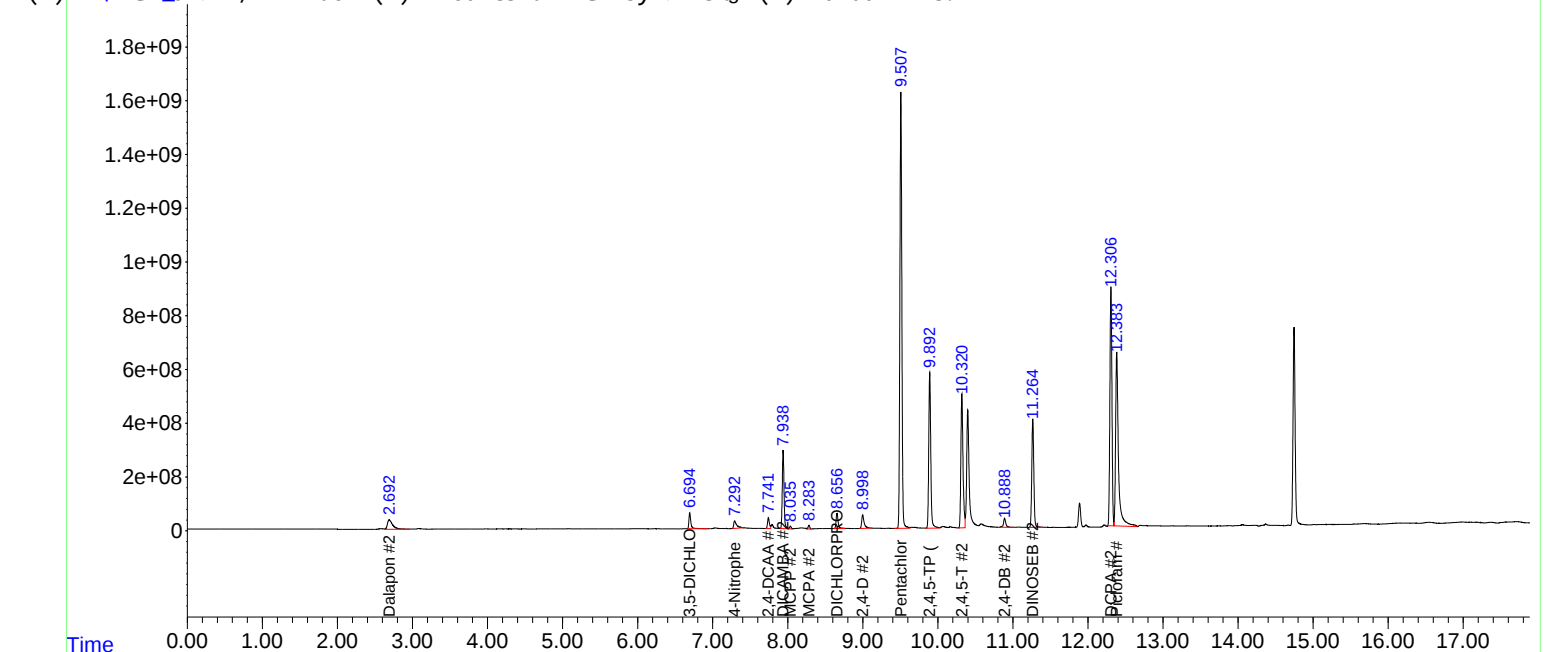
Reviewed By :Abdul Mirza 09/29/2025
 Supervised By :mohammad ahmed 09/30/2025

InteggaionFileesiggaal11:aatt00011ee
 InteggaionFileesiggaal22:aatt00022ee
 QQaattTime:S6pp2061112885002025
 QQaattMebdd::ZZ\psetppbbsv\NPEBMM1\FEDS\NMebddR8000025MM
 QQaattTifile::8000MM
 QQaattUppdate::TweS6pp0091335638820025
 R\$pposeevaa::IntifialC6almbaion
 Integgaator:C6a05aion

V00umeIntj.::11µl
 S\$ggaal#1Phase::ZBMMR1 S\$ggaal#2Phase::ZBMMR2
 S\$ggaal#1Info::300Mx00320mmx0055S\$ggaal#2Info::300Mx00320mmx0028µm



(f) Response > 1/2 Window (#)=Amounts differ by > 25% Signal:PS001051.D\CD2B.ch



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ALS Vial : 3 Sample Multiplier: 1

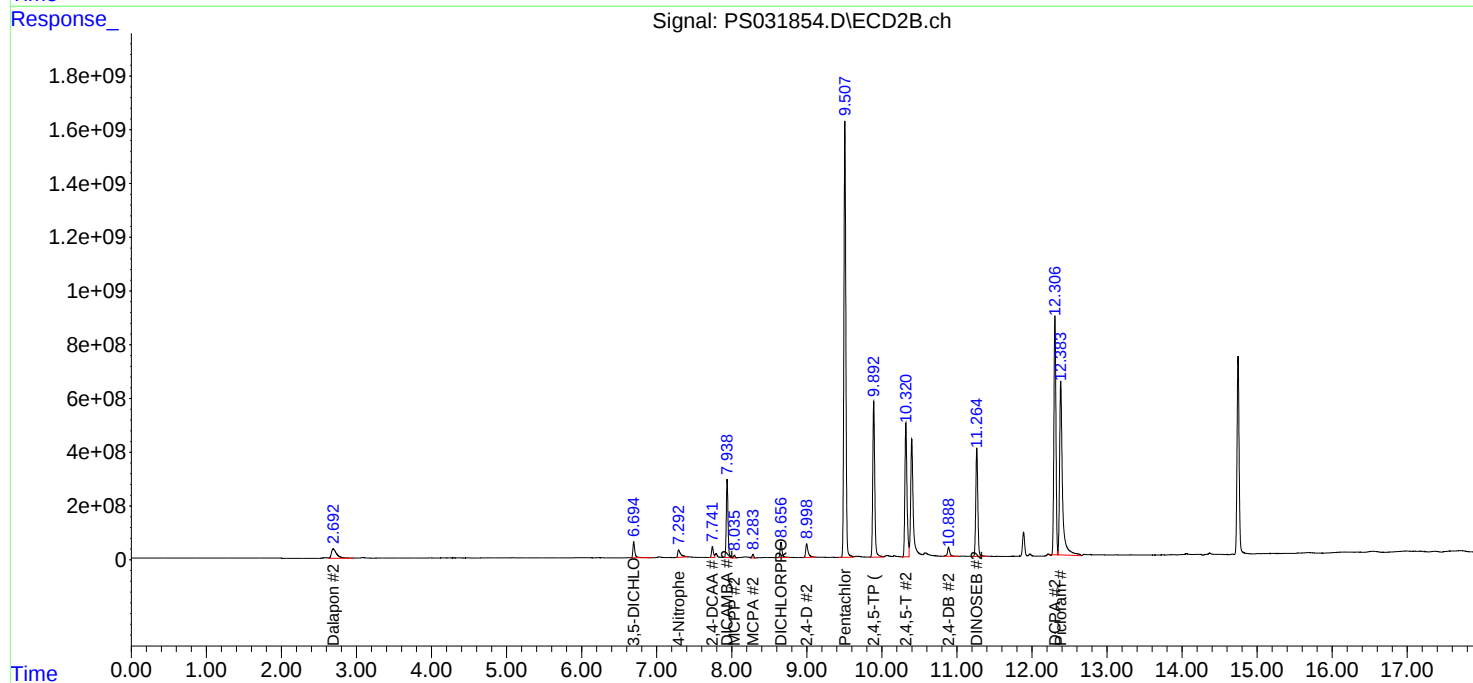
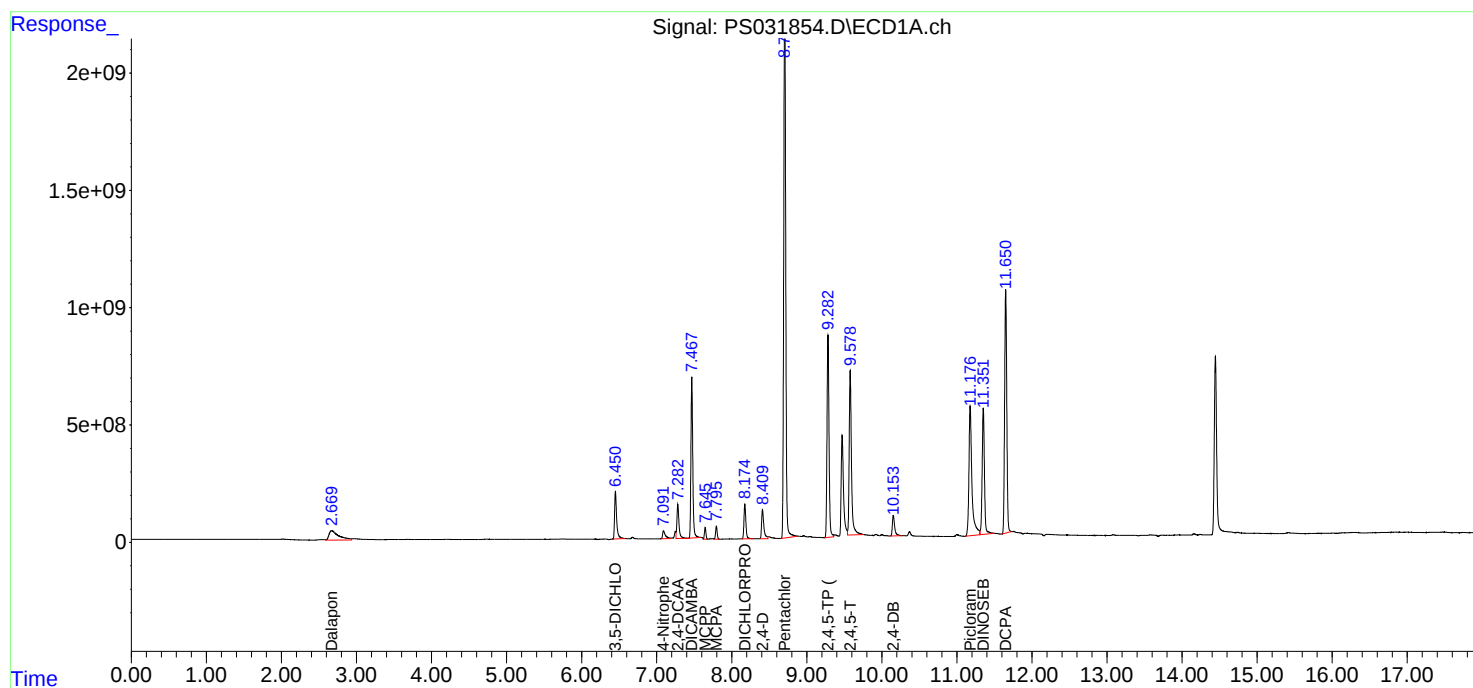
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ECD_S
ClientSampleId :
HSTDCCC750

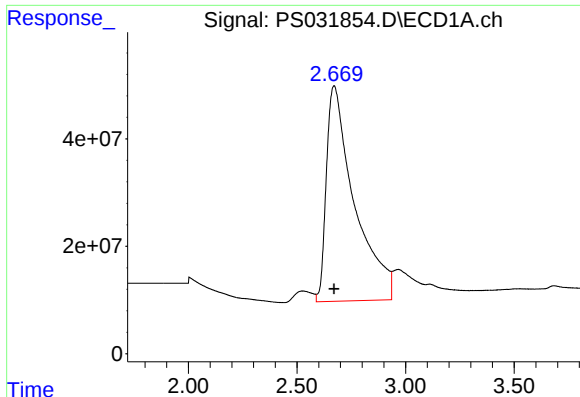
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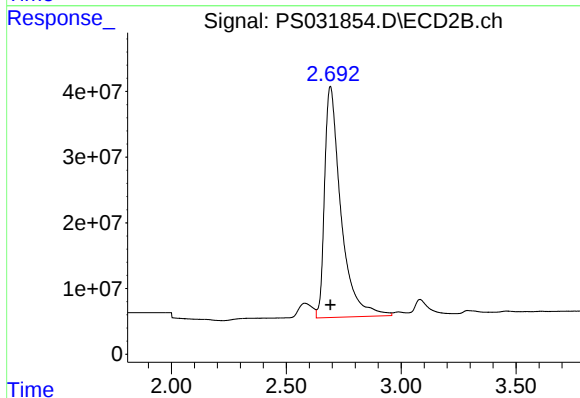
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 3588566498
Conc: 620.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

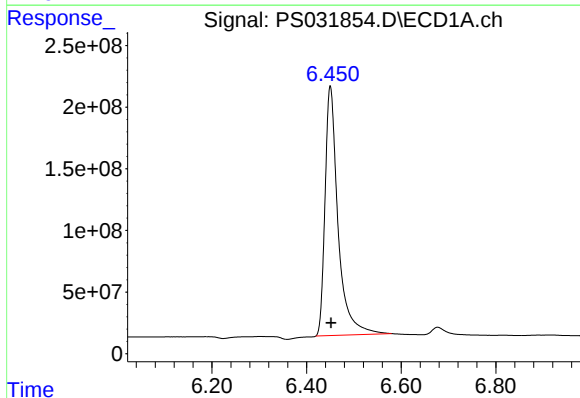
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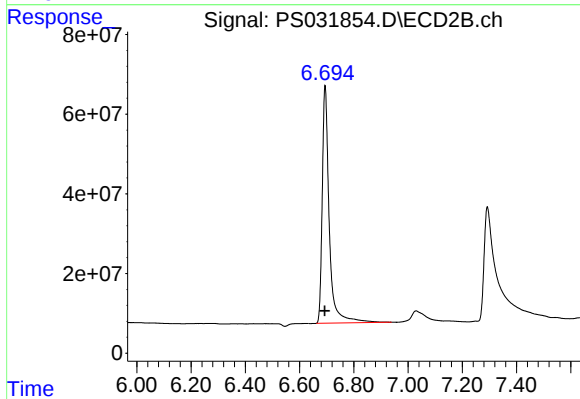
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1740342848
Conc: 617.66 ng/ml



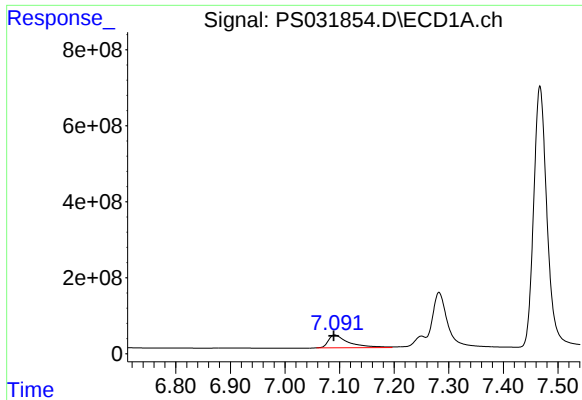
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 3854242348
Conc: 722.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 1073368089
Conc: 703.86 ng/ml



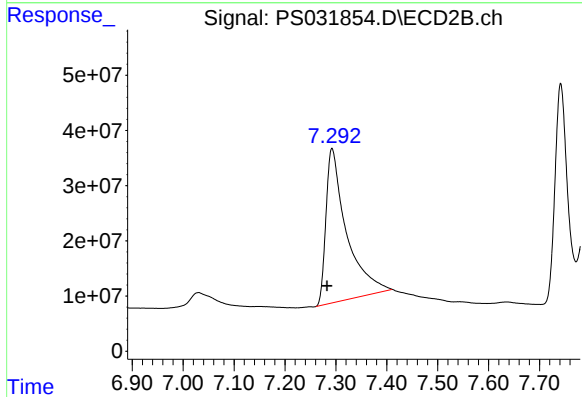
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: 0.002 min
Response: 876270373
Conc: 794.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

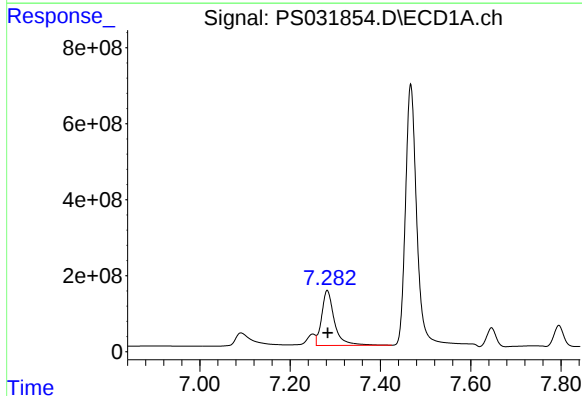
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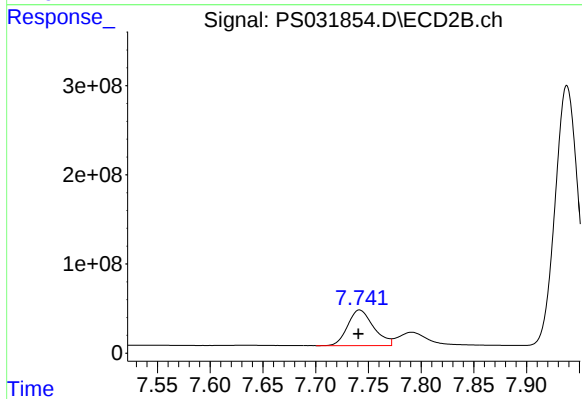
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.010 min
Response: 789531049
Conc: 625.23 ng/ml



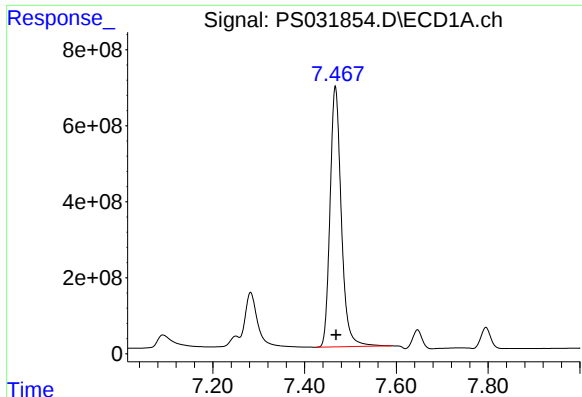
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 2820430545
Conc: 783.12 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 682332224
Conc: 750.72 ng/ml



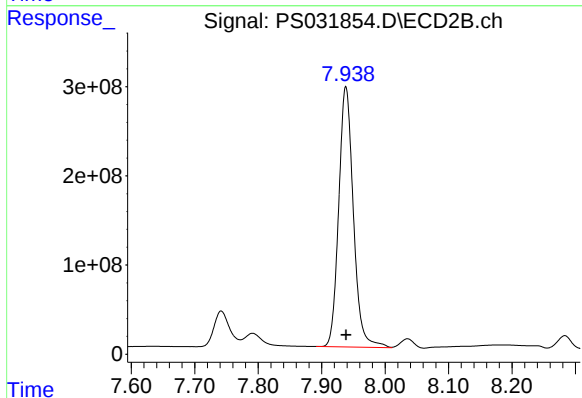
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 11657001150
Conc: 747.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

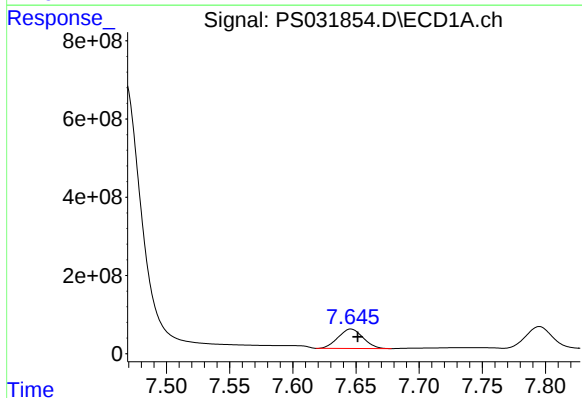
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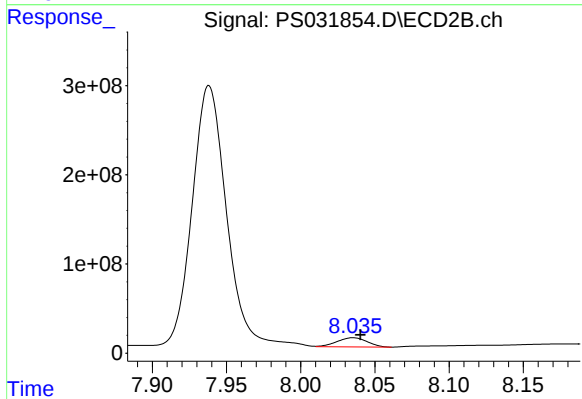
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 4686947850
Conc: 720.31 ng/ml



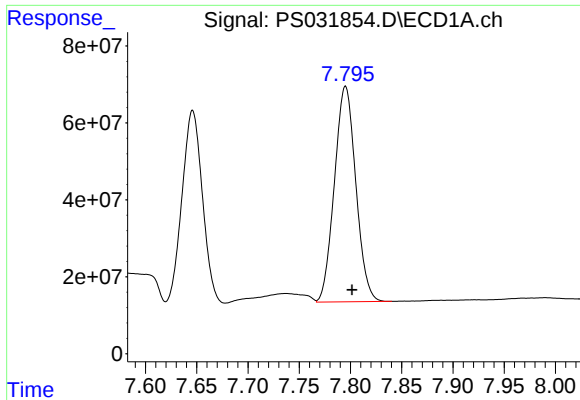
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 681822092
Conc: 76.27 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 142080747
Conc: 75.44 ug/ml



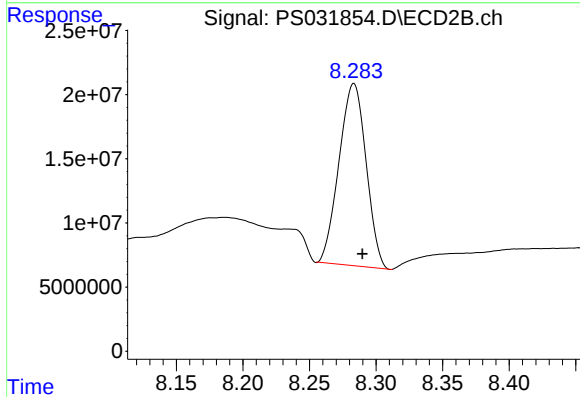
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.006 min
Response: 813746882
Conc: 73.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

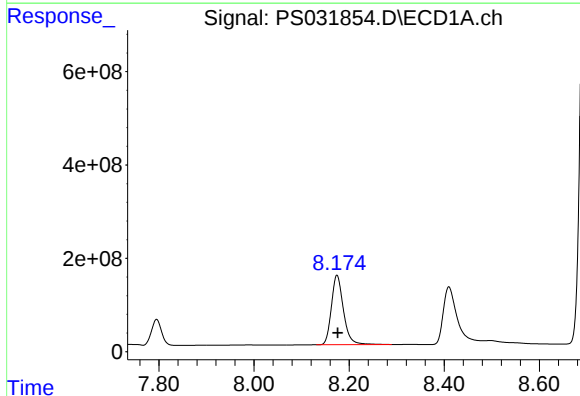
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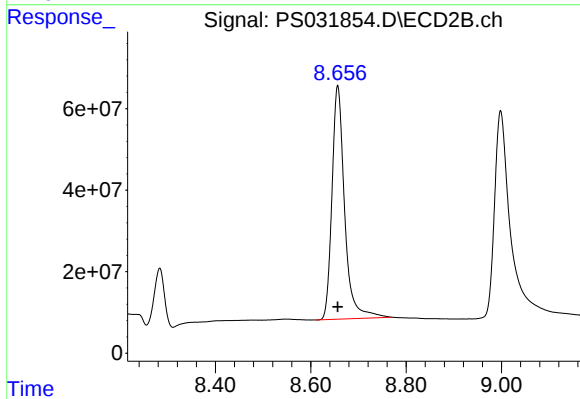
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 200568848
Conc: 71.60 ug/ml



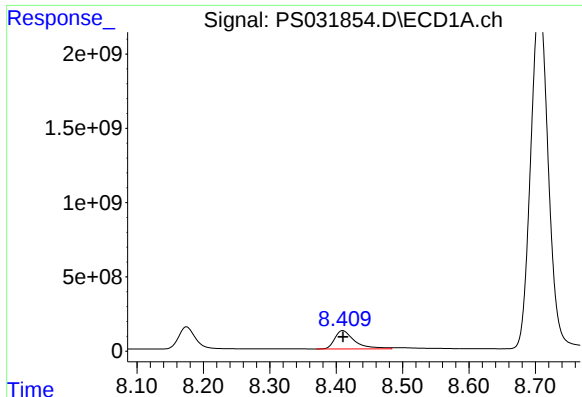
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 2610306471
Conc: 732.87 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1055702211
Conc: 725.54 ng/ml



#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2579496159
Conc: 753.00 ng/ml

Instrument :

ECD_S

ClientSampleId :

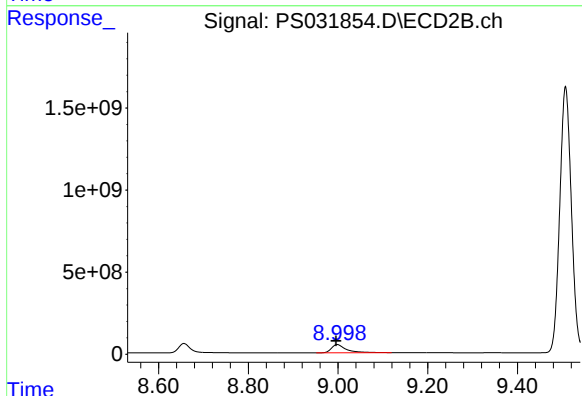
HSTDCCC750

Manual Integrations

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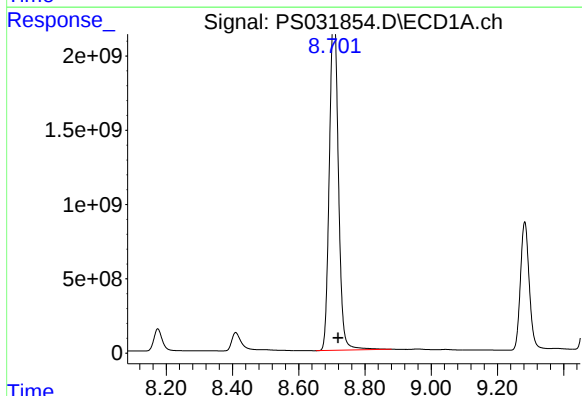
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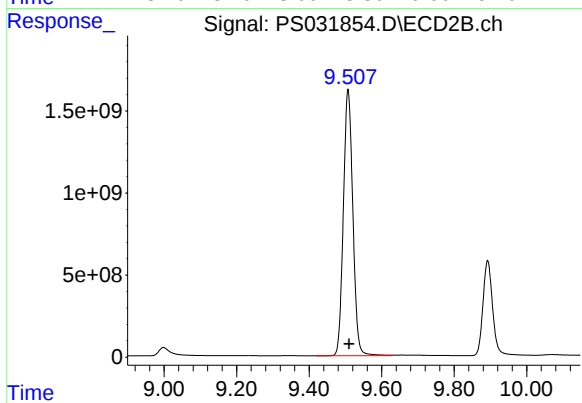
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.003 min
Response: 1152835036
Conc: 700.76 ng/ml



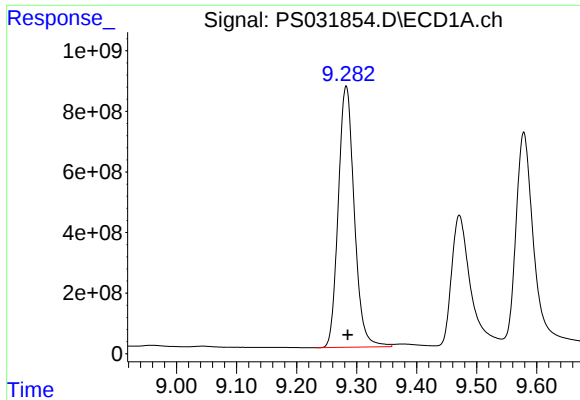
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 42411876921
Conc: 798.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 29432496237
Conc: 741.55 ng/ml



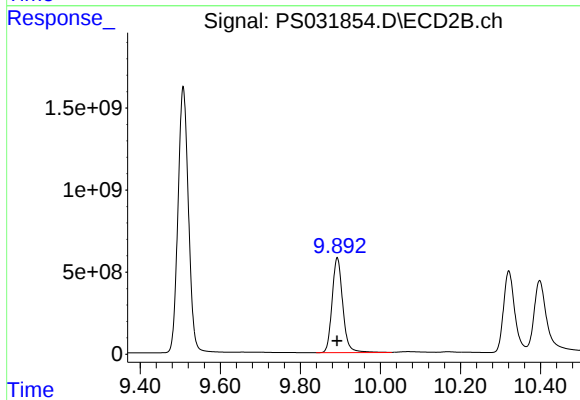
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: -0.003 min
Response: 15954917923
Conc: 760.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

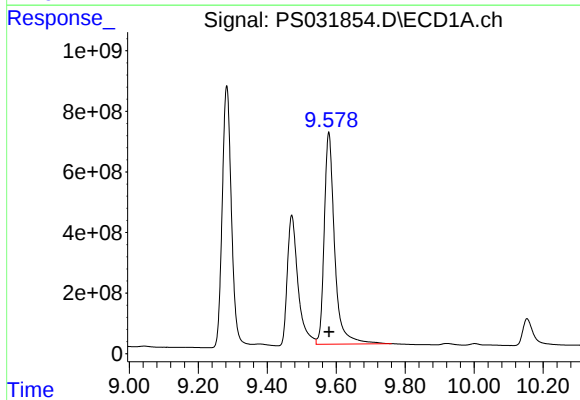
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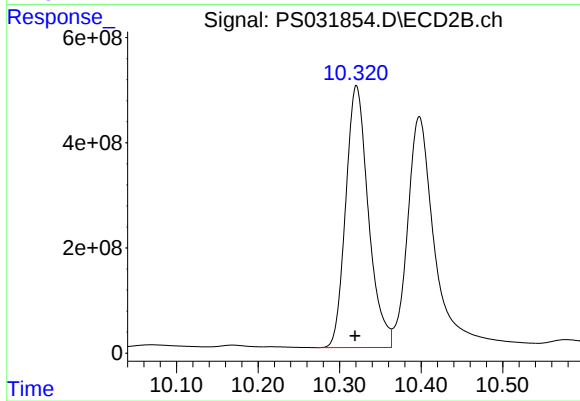
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 10737874596
Conc: 713.28 ng/ml



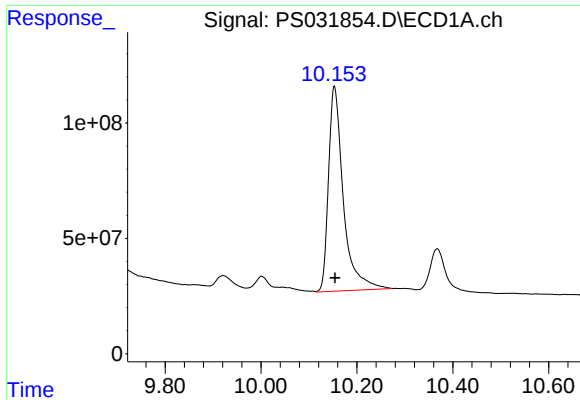
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.001 min
Response: 14661703650
Conc: 801.27 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 9621544523
Conc: 714.98 ng/ml



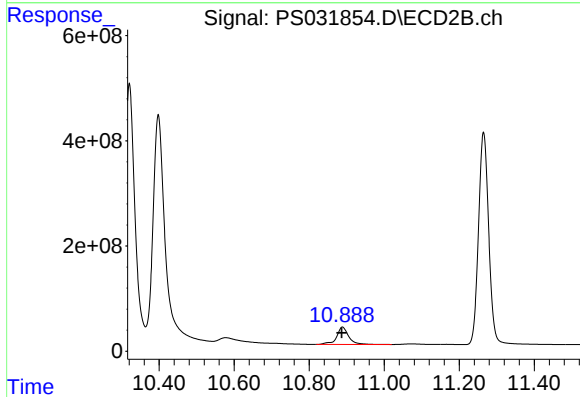
#13 2,4-DB

R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 1907508747
Conc: 817.70 ng/ml

Instrument :
ECD_S
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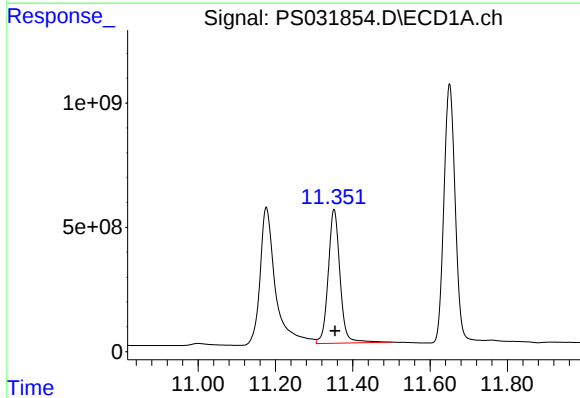
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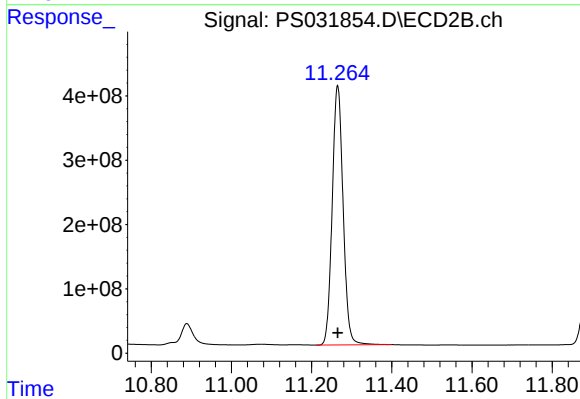
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 744438363
Conc: 695.71 ng/ml m



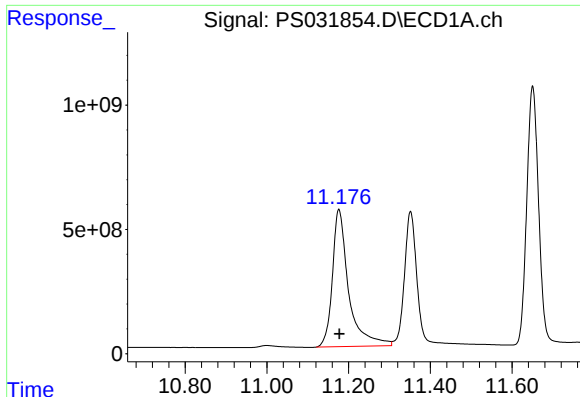
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.003 min
Response: 11411077664
Conc: 791.19 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7606485406
Conc: 782.51 ng/ml



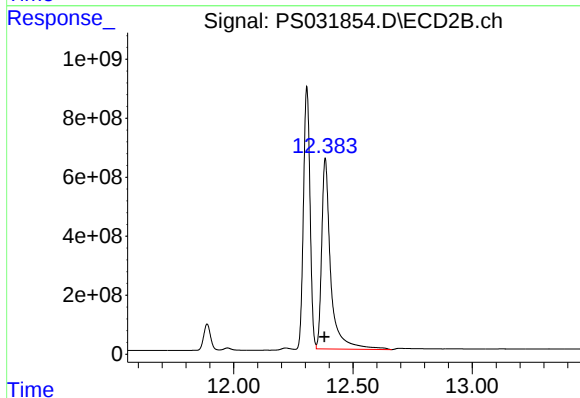
#15 Picloram

R.T.: 11.176 min
Delta R.T.: -0.002 min
Response: 15283728214
Conc: 848.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

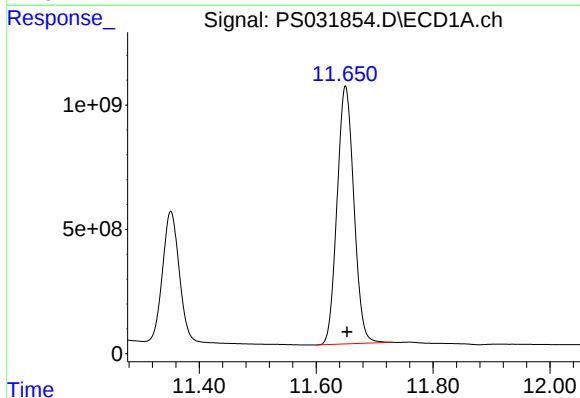
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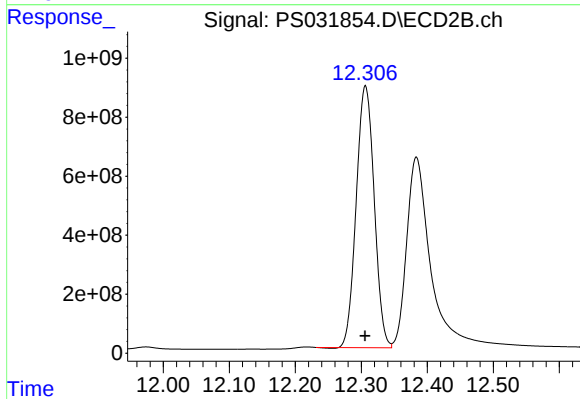
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 17156153448
Conc: 724.40 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 20690818855
Conc: 767.75 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 16824756260
Conc: 698.00 ng/ml