

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091625\
 Data File : PS031761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 19:21
 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 05:47:14 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	7.744	2795.8E6	676.9E6	776.285	744.755
Target Compounds							
1) T	Dalapon	2.673	2.690	3846.4E6	1912.3E6	665.377	678.689
2) T	3,5-DICHL...	6.453	6.696	3800.7E6	1095.7E6	712.618	718.489
3) T	4-Nitroph...	7.095	7.295	785.4E6	819.4E6	711.935m	648.878
5) T	DICAMBA	7.469	7.939	11388.2E6	4668.1E6	730.166	717.415
6) T	MCPD	7.647	8.036	669.4E6	145.9E6	74.886	77.443
7) T	MCPA	7.795	8.284	819.2E6	207.6E6	73.736	74.110
8) T	DICHLORPROP	8.176	8.659	2551.1E6	1056.1E6	716.255	725.798
9) T	2,4-D	8.414	9.001	2527.7E6	1154.1E6	737.865	701.522
10) T	Pentachlo...	8.708	9.508	41611.0E6	29798.7E6	783.725	750.777
11) T	2,4,5-TP ...	9.285	9.893	15560.5E6	10883.6E6	741.908	722.956
12) T	2,4,5-T	9.582	10.322	14362.5E6	9671.3E6	784.914	718.677
13) T	2,4-DB	10.158	10.890	1733.5E6	719.2E6	743.094m	672.101
14) T	DINOSEB	11.353	11.265	11349.3E6	7695.8E6	786.909	791.693
15) T	Picloram	11.182	12.386	14424.1E6	17592.7E6	800.843	742.831
16) T	DCPA	11.652	12.306	20413.1E6	17773.7E6	757.445	737.374

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

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Acq On : 16 Sep 2025 19:21
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

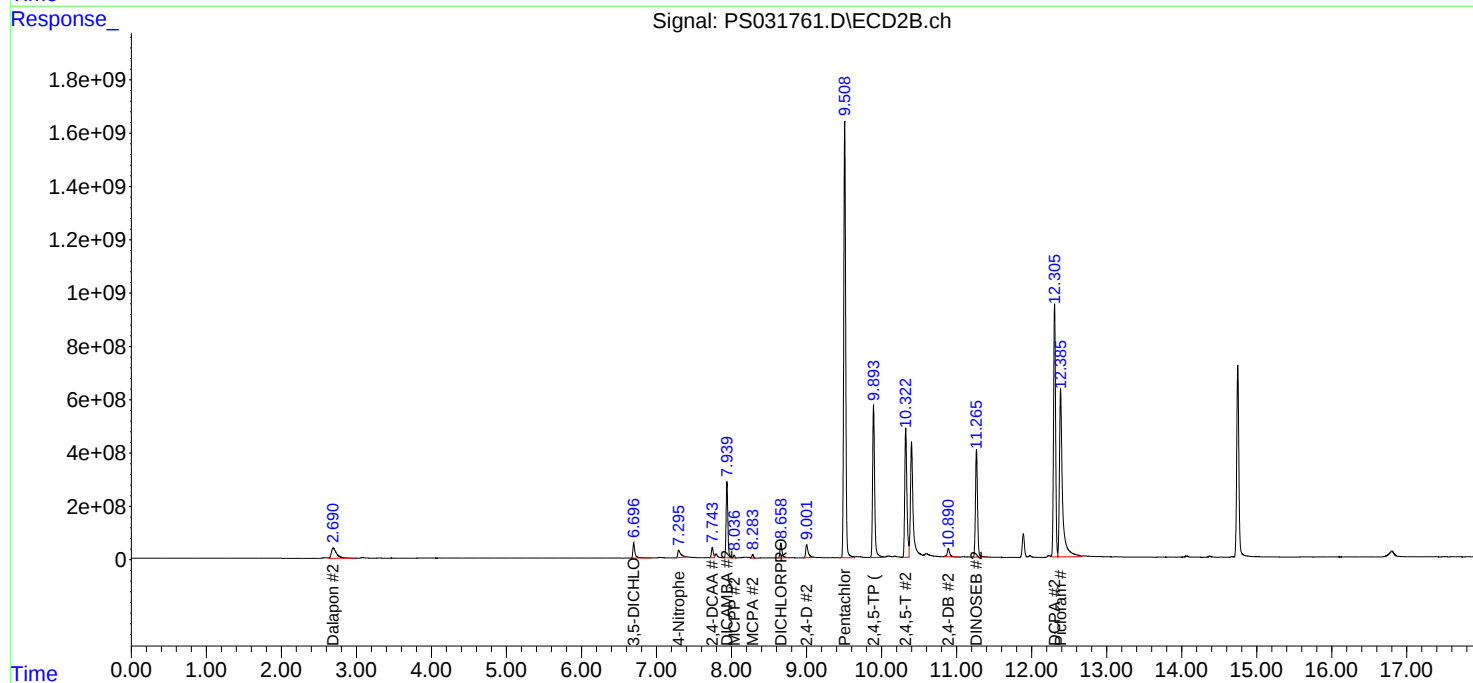
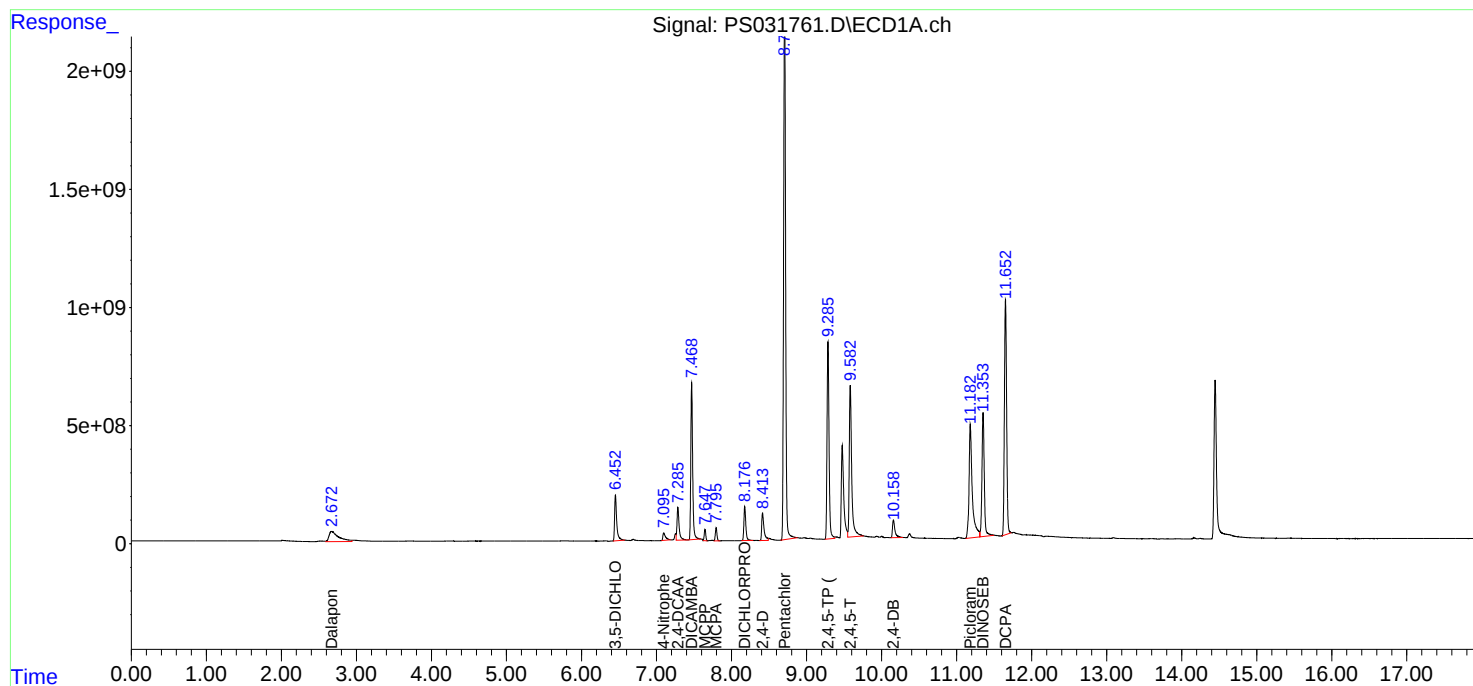
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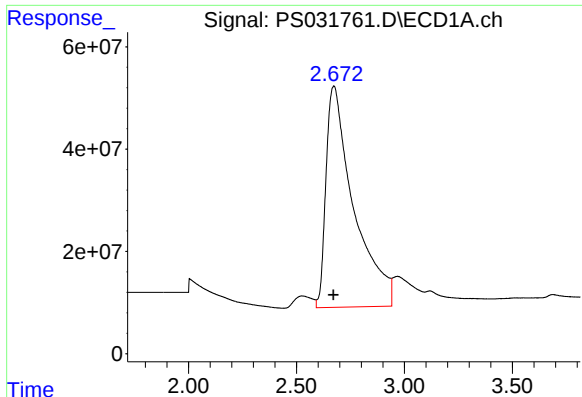
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 3846375569
Conc: 665.38 ng/ml

Instrument :

ECD_S

ClientSampleId :

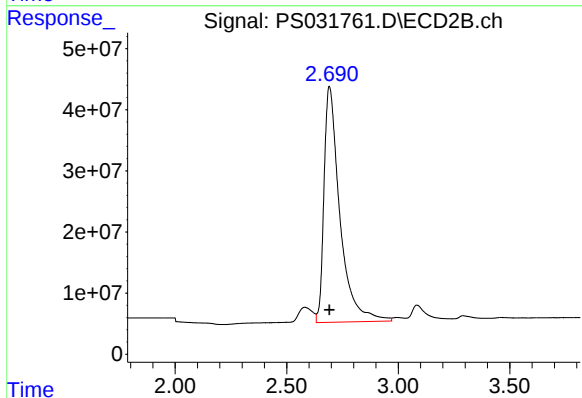
HSTDCCC750

Manual Integrations

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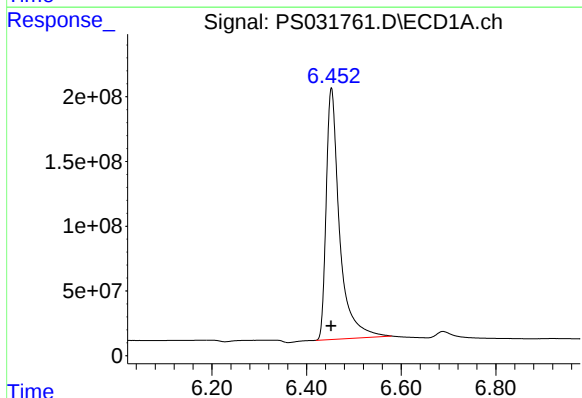
Reviewed By :Abdul Mirza 09/17/2025

Supervised By :mohammad ahmed 09/18/2025



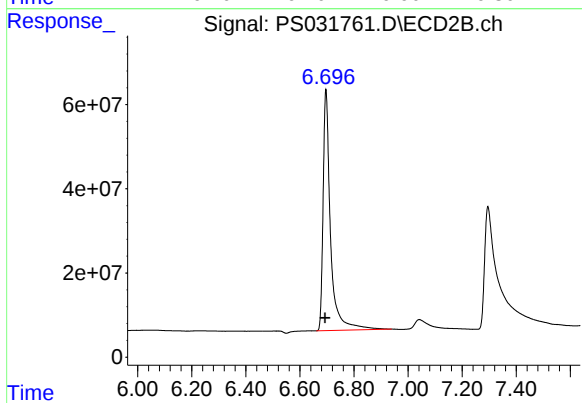
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.001 min
Response: 1912293720
Conc: 678.69 ng/ml



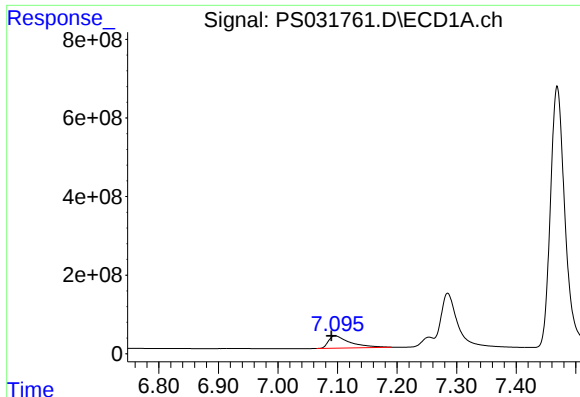
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 3800650182
Conc: 712.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1095671165
Conc: 718.49 ng/ml



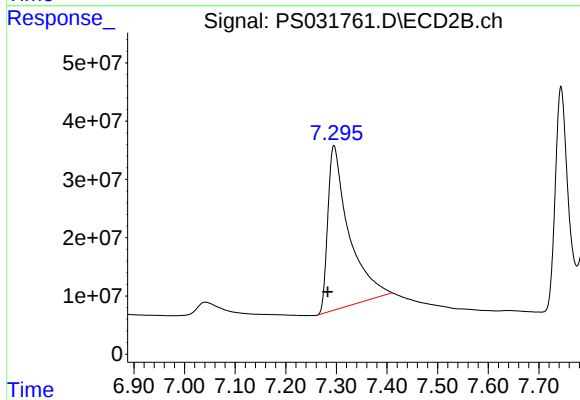
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.006 min
Response: 785412689
Conc: 711.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

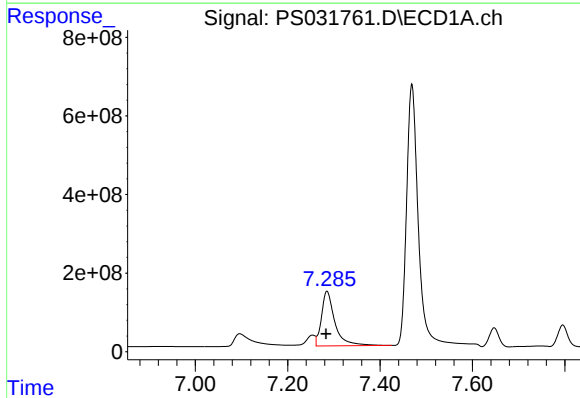
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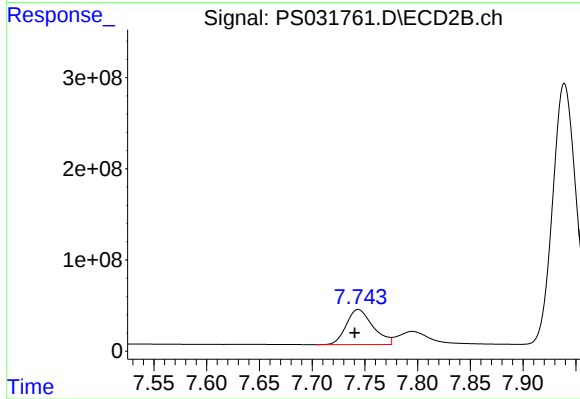
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 819393732
Conc: 648.88 ng/ml



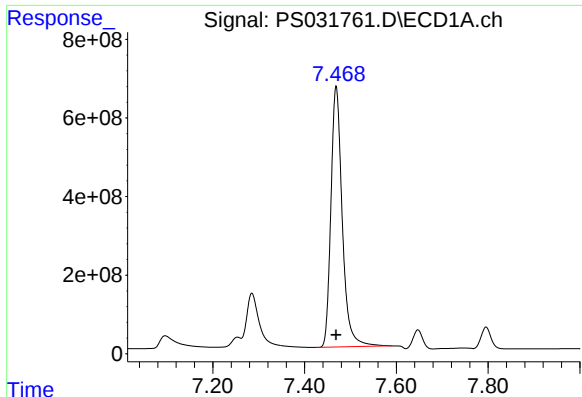
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2795813314
Conc: 776.29 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 676907683
Conc: 744.76 ng/ml



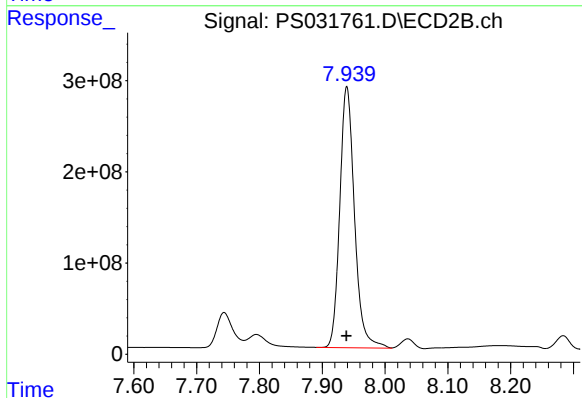
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11388179238
Conc: 730.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

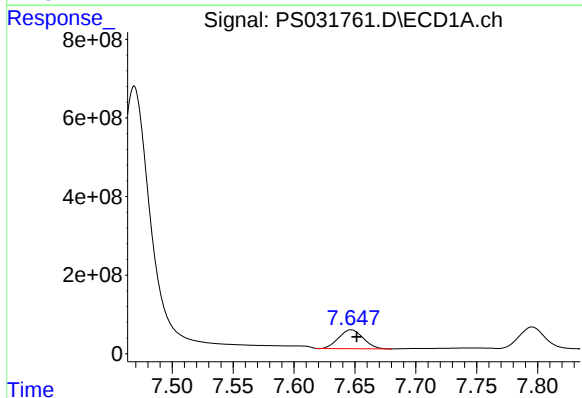
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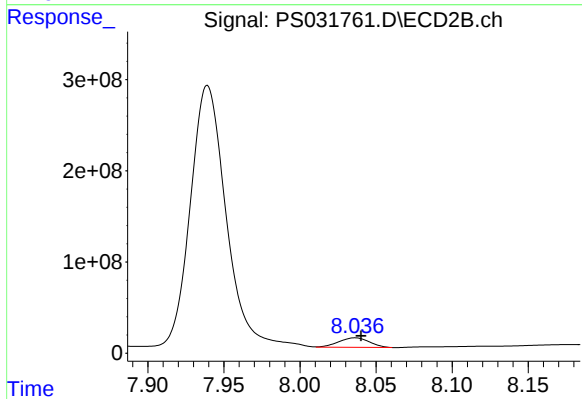
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4668108035
Conc: 717.41 ng/ml



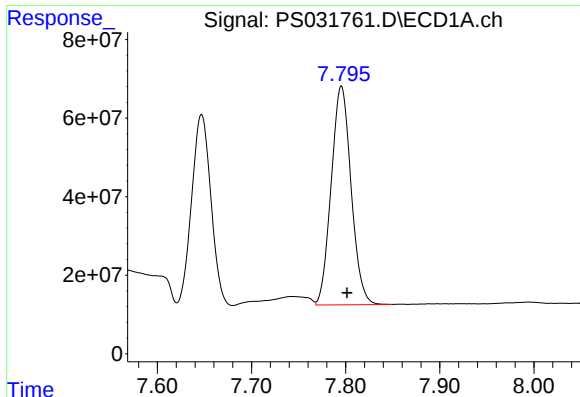
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 669426594
Conc: 74.89 ug/ml



#6 MCPP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 145856365
Conc: 77.44 ug/ml



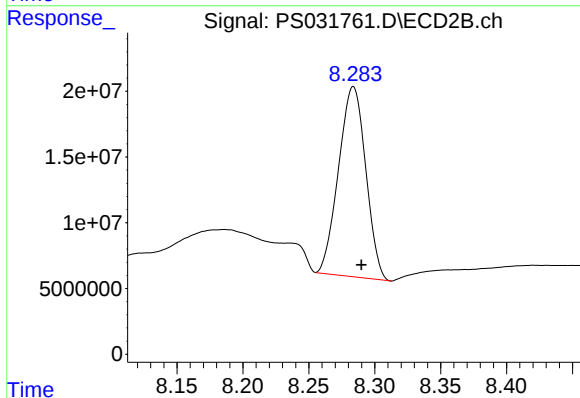
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.006 min
Response: 819244615
Conc: 73.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

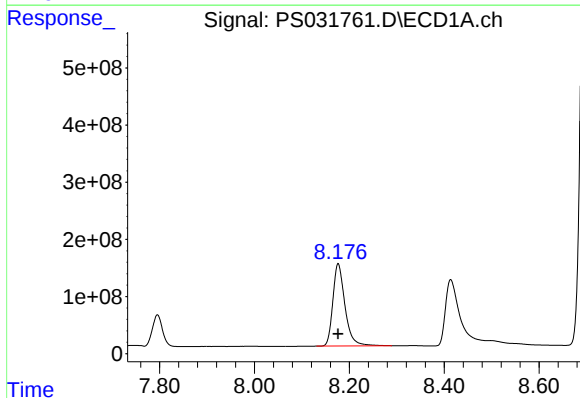
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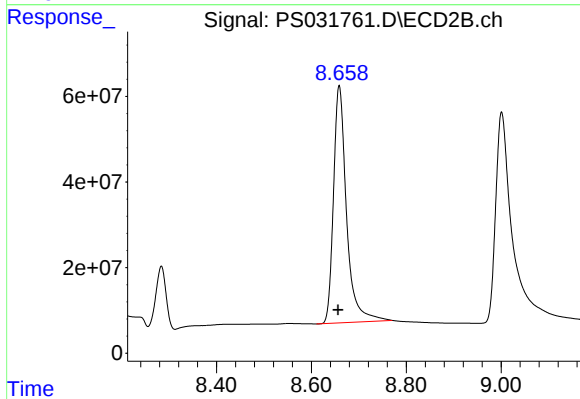
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 207597479
Conc: 74.11 ug/ml



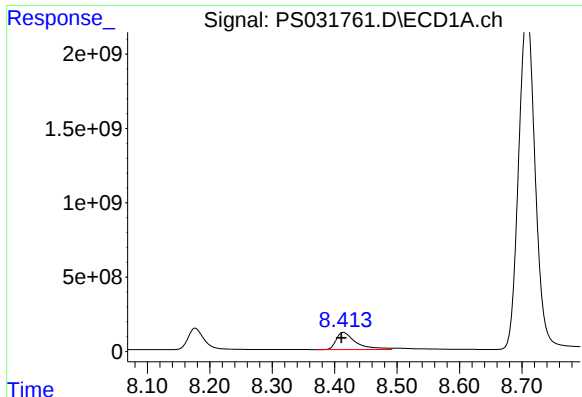
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2551129404
Conc: 716.25 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 1056079195
Conc: 725.80 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 2527660707
Conc: 737.87 ng/ml

Instrument :

ECD_S

ClientSampleId :

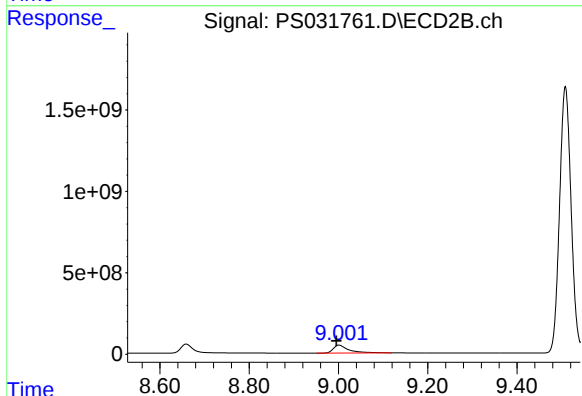
HSTDCCC750

Manual Integrations

APPROVED

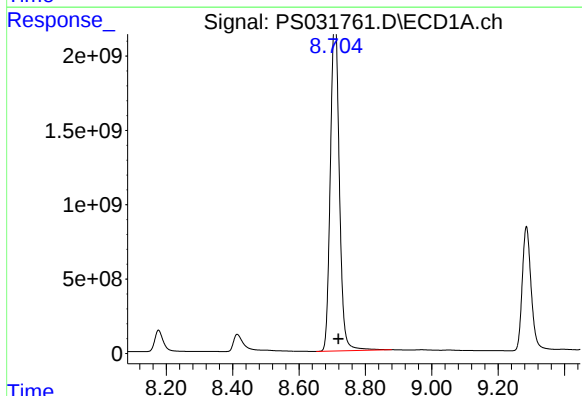
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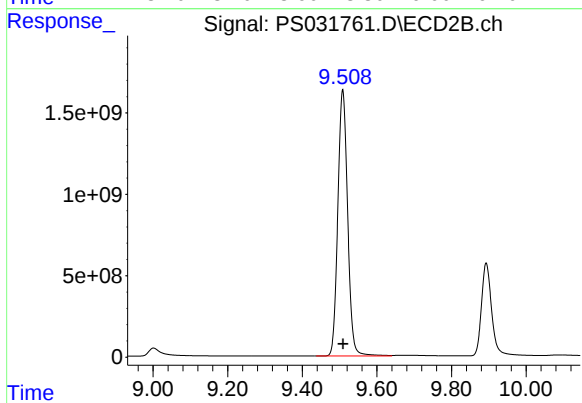
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 1154081411
Conc: 701.52 ng/ml



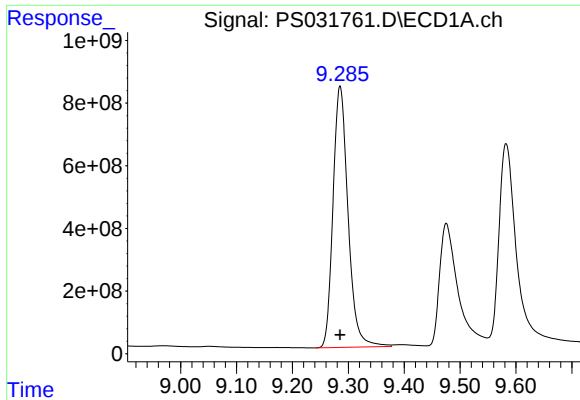
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 41610968660
Conc: 783.72 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 29798743615
Conc: 750.78 ng/ml



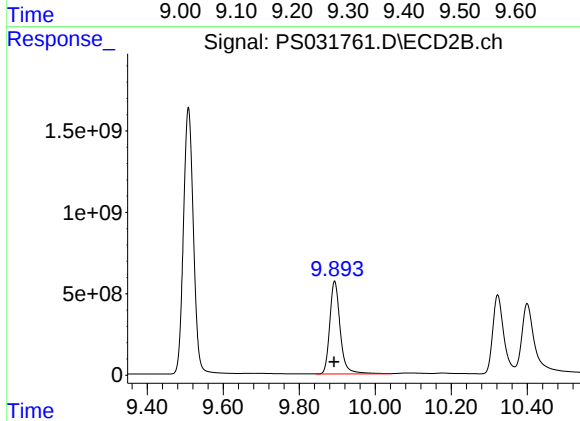
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 15560543032
Conc: 741.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

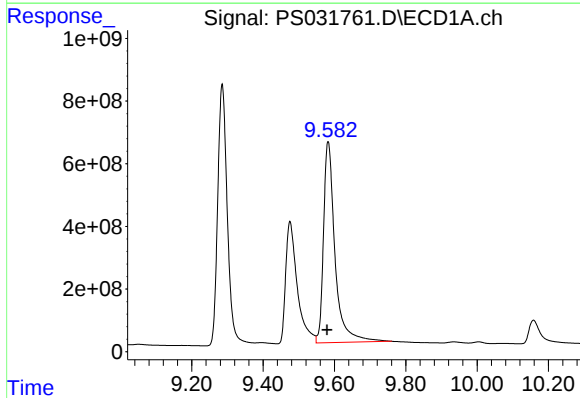
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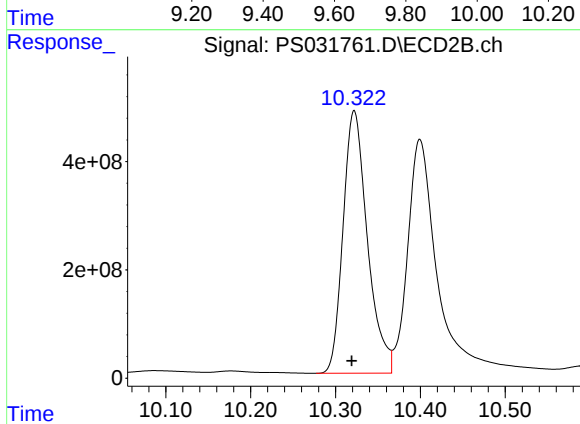
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 10883605403
Conc: 722.96 ng/ml



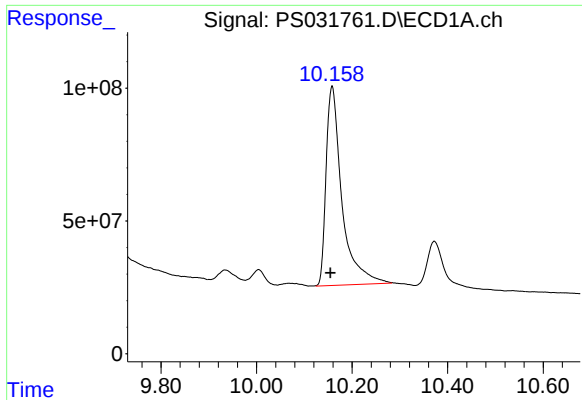
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.003 min
Response: 14362490404
Conc: 784.91 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 9671250666
Conc: 718.68 ng/ml



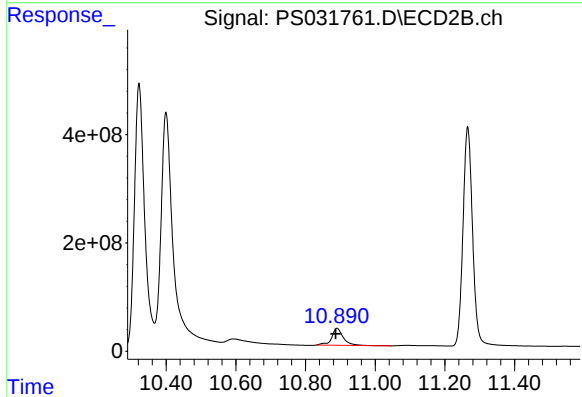
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.004 min
Response: 1733464234
Conc: 743.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

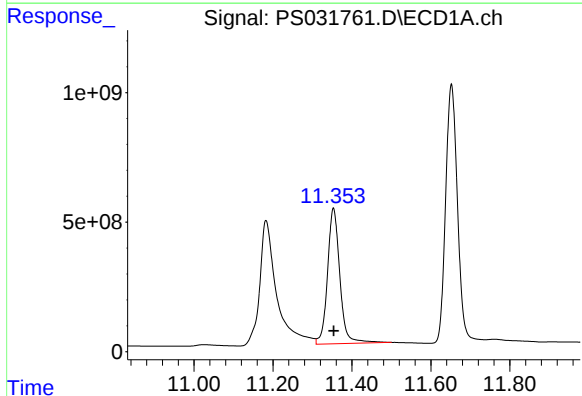
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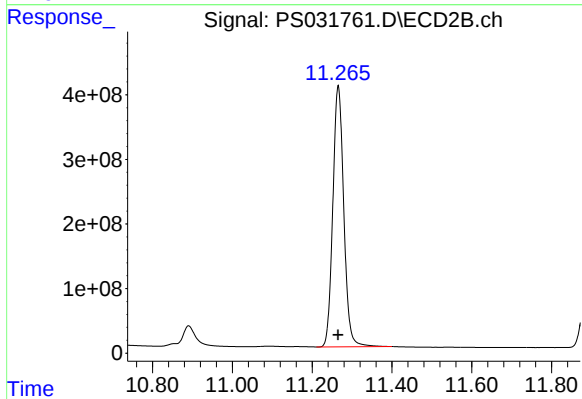
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.004 min
Response: 719177612
Conc: 672.10 ng/ml



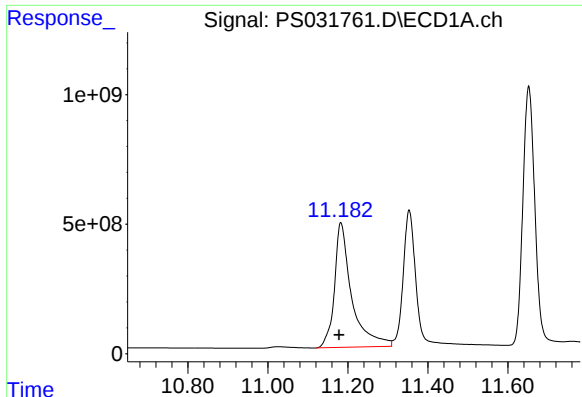
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 11349341568
Conc: 786.91 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7695796488
Conc: 791.69 ng/ml



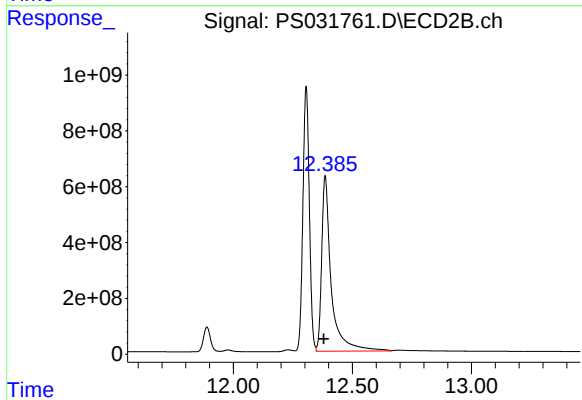
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.005 min
Response: 14424051289
Conc: 800.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

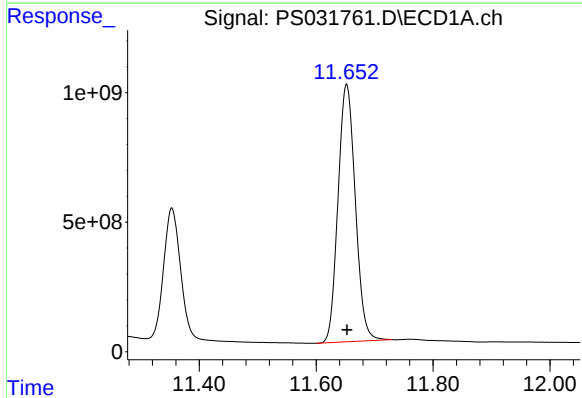
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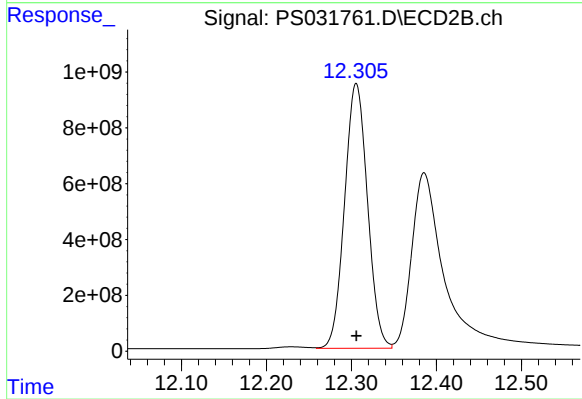
#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.006 min
Response: 17592658672
Conc: 742.83 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 20413065197
Conc: 757.45 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 17773728821
Conc: 737.37 ng/ml