

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091525\
 Data File : PS031742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 11:36
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 06:06:56 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	7.284	7.739	2662.3E6	641.6E6	739.227m	705.908
Target Compounds							
1) T	Dalapon	2.673	2.685	4051.3E6	1917.7E6	700.829	680.619
2) T	3,5-DICHL...	6.452	6.690	3750.5E6	995.1E6	703.214	652.564m
3) T	4-Nitroph...	7.093	7.288	844.3E6	841.6E6	765.288m	666.433
5) T	DICAMBA	7.470	7.935	11208.0E6	4424.2E6	718.611	679.925
6) T	MCPD	7.648	8.032	635.8E6	134.5E6	71.128	71.425
7) T	MCPA	7.797	8.280	794.3E6	191.5E6	71.488	68.361
8) T	DICHLORPROP	8.178	8.654	2410.3E6	1006.3E6	676.713	691.600
9) T	2,4-D	8.414	8.996	2458.9E6	1114.6E6	717.781m	677.550
10) T	Pentachlo...	8.710	9.505	41263.2E6	28290.7E6	777.174	712.781
11) T	2,4,5-TP ...	9.288	9.889	15361.8E6	10349.6E6	732.430	687.487
12) T	2,4,5-T	9.584	10.319	14219.8E6	9307.5E6	777.117	691.644
13) T	2,4-DB	10.159	10.887	1746.4E6	666.0E6	748.643m	622.409
14) T	DINOSEB	11.357	11.263	11473.0E6	7653.2E6	795.483	787.314
15) T	Picloram	11.184	12.383	13746.9E6	17119.6E6	763.247m	722.857
16) T	DCPA	11.655	12.305	20078.4E6	17109.1E6	745.029	709.799

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

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Acq On : 15 Sep 2025 11:36
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

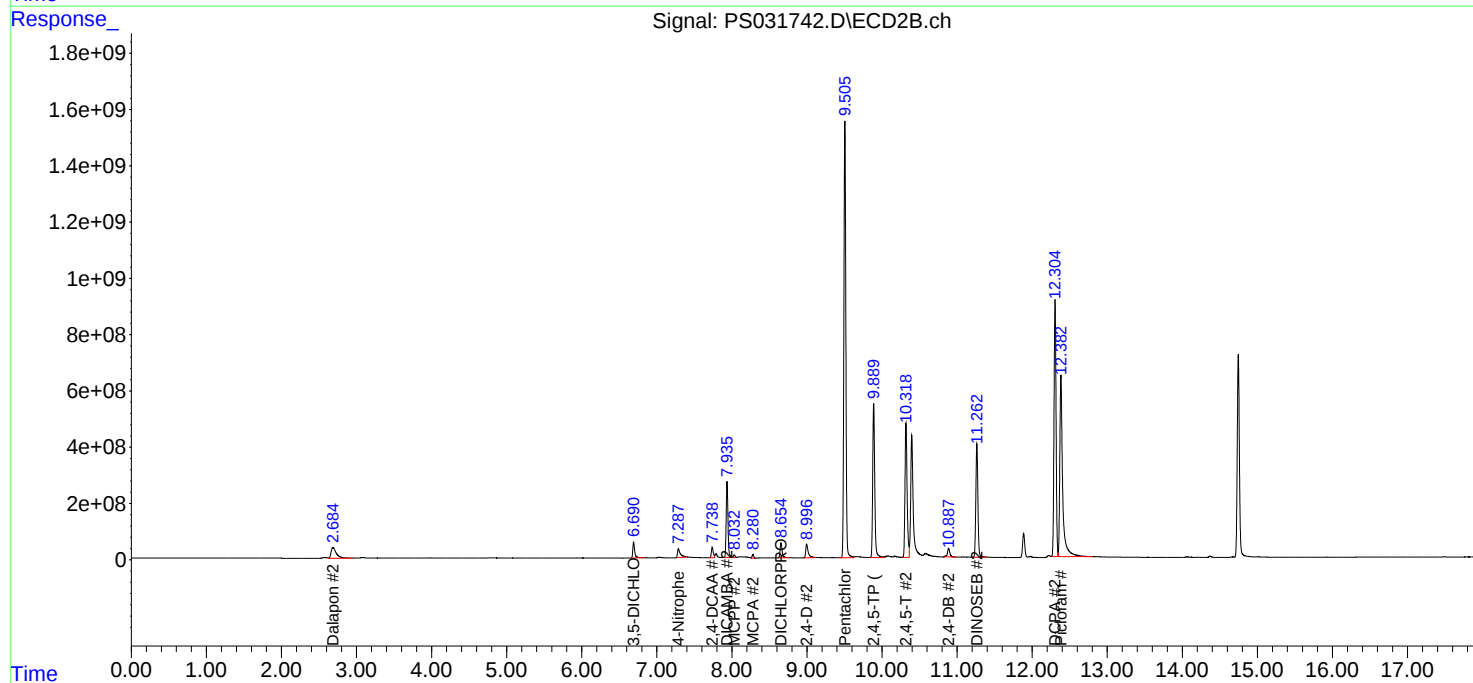
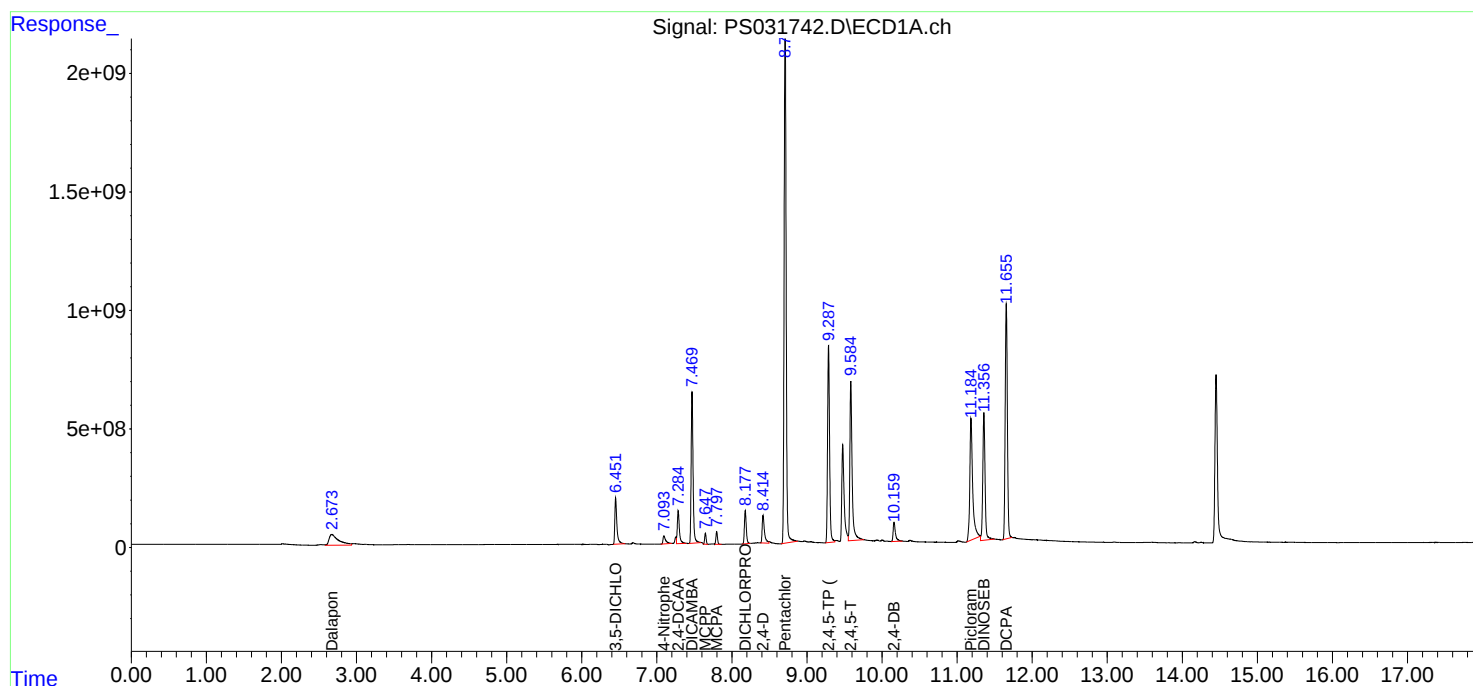
Instrument :
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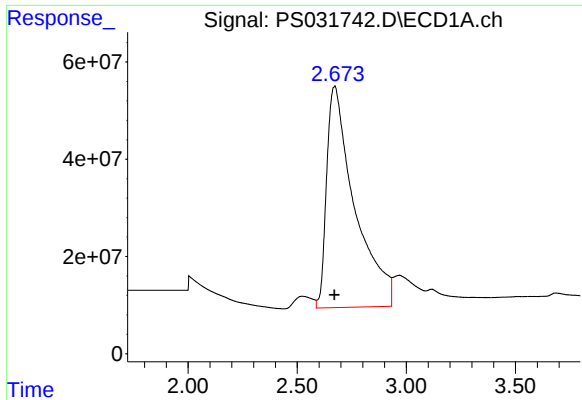
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 4051312540
Conc: 700.83 ng/ml

Instrument :

ECD_S

ClientSampleId :

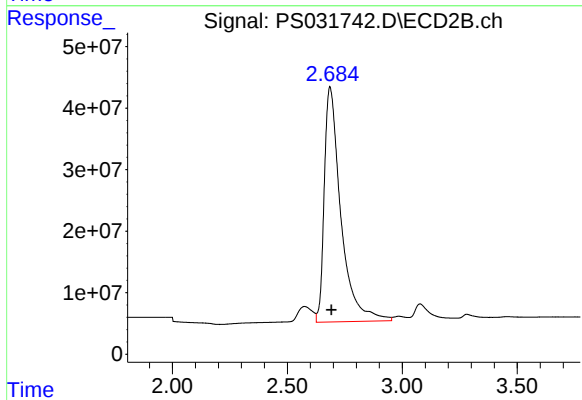
HSTDCCC750

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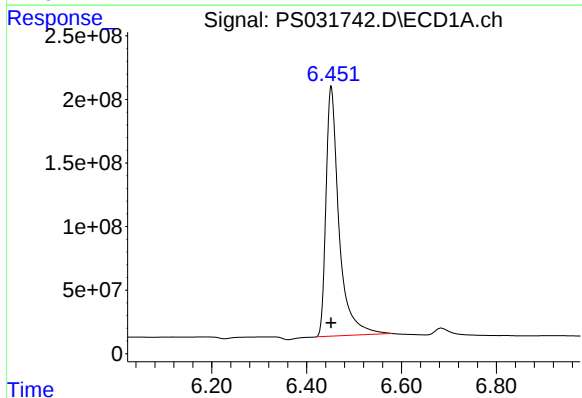
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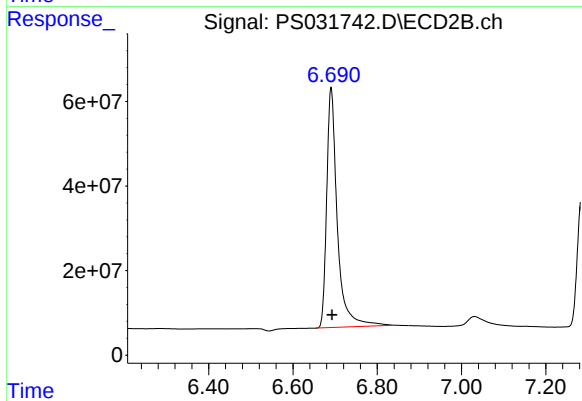
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.007 min
Response: 1917730256
Conc: 680.62 ng/ml



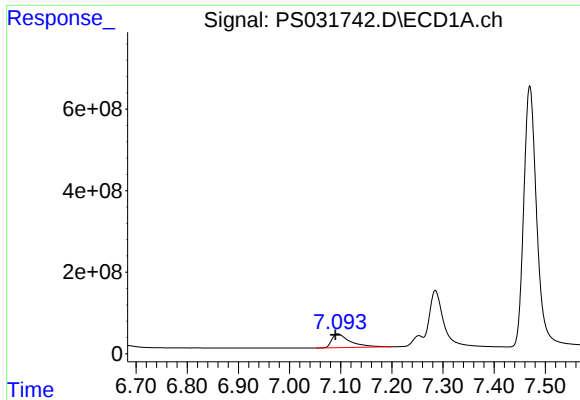
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3750492049
Conc: 703.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 995136866
Conc: 652.56 ng/ml m



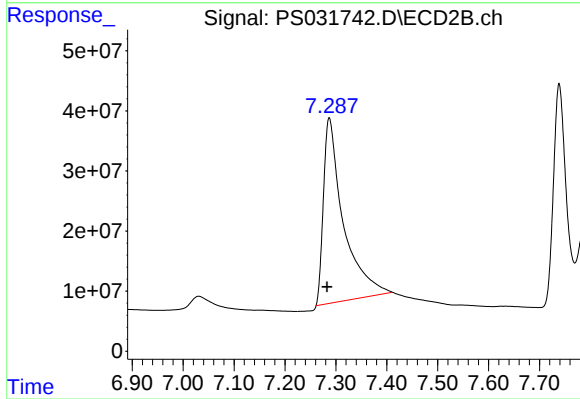
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: 0.004 min
Response: 844272247
Conc: 765.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

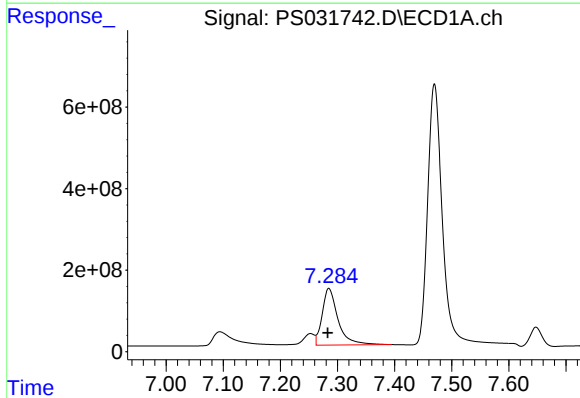
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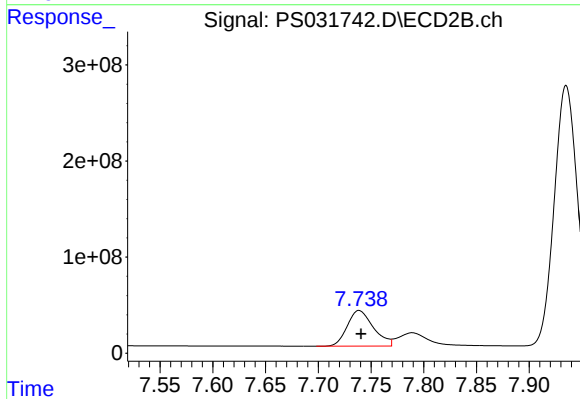
#3 4-Nitrophenol

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 841562915
Conc: 666.43 ng/ml



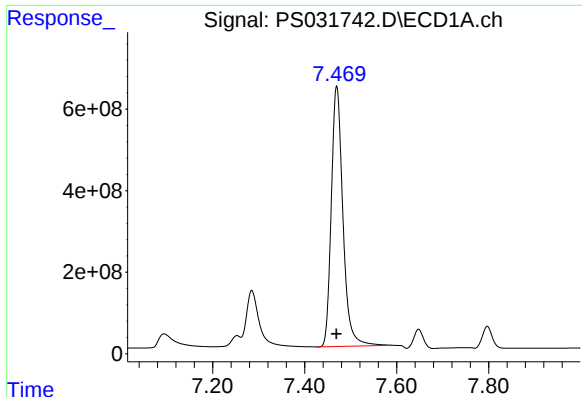
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 2662344444
Conc: 739.23 ng/ml m



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 641599334
Conc: 705.91 ng/ml



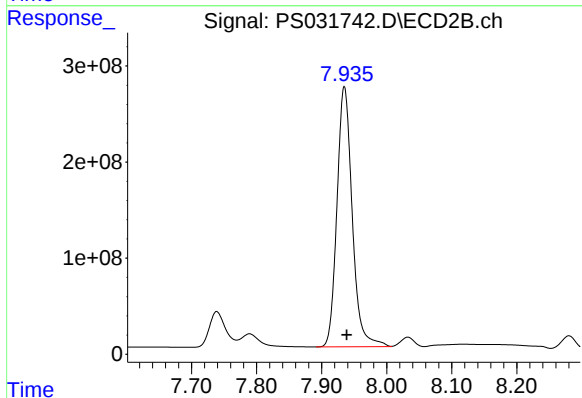
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 11207965881
Conc: 718.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

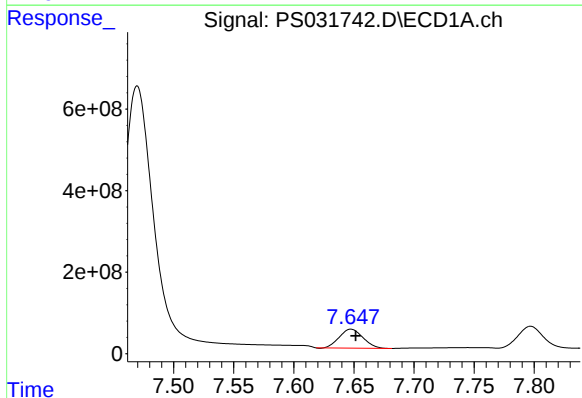
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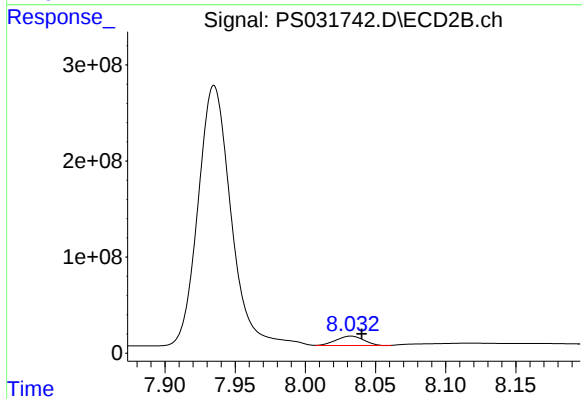
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 4424167653
Conc: 679.92 ng/ml



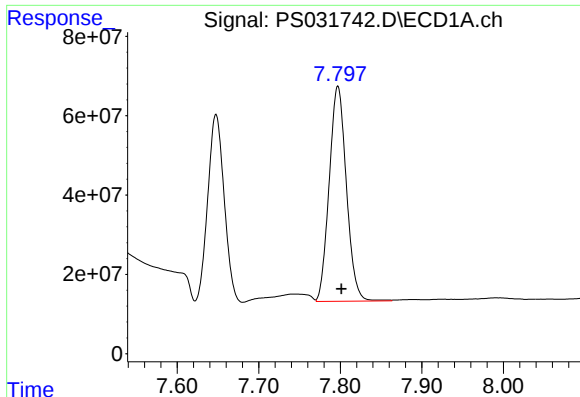
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 635829406
Conc: 71.13 ug/ml



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 134522541
Conc: 71.43 ug/ml



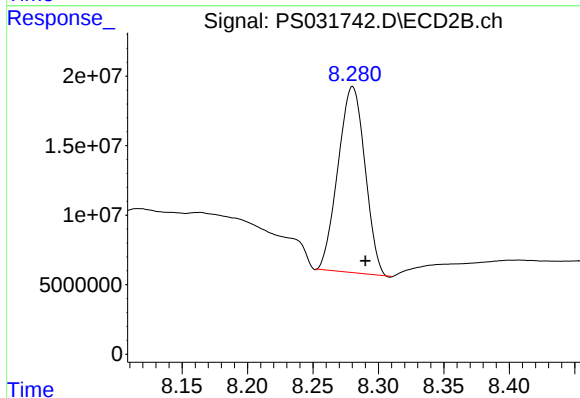
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 794266895
Conc: 71.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

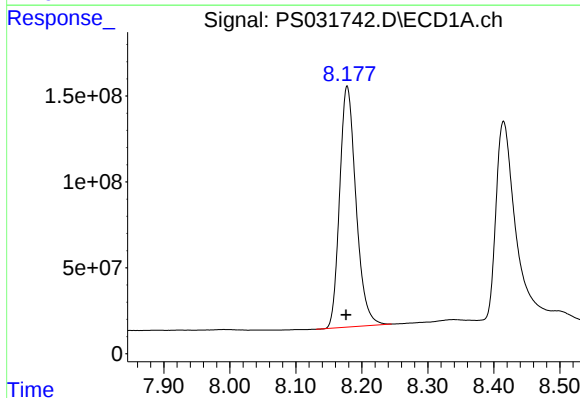
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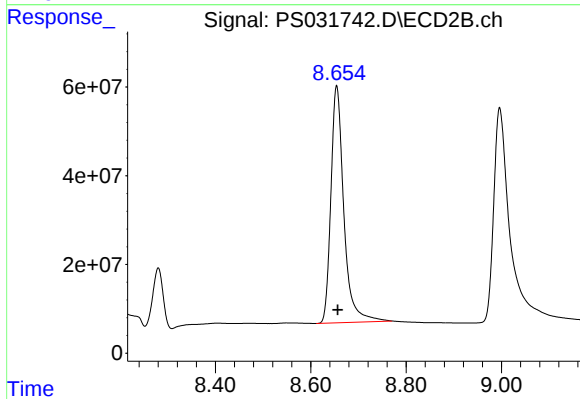
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 191494847
Conc: 68.36 ug/ml



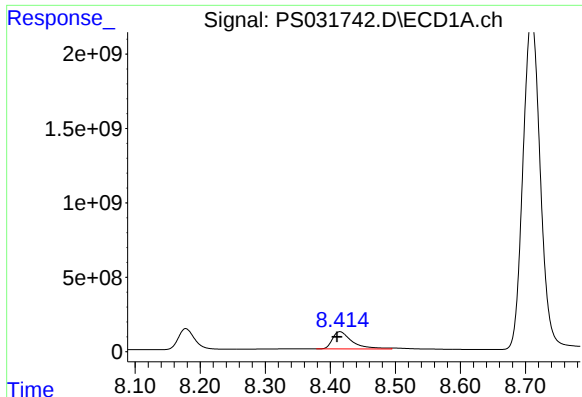
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2410290233
Conc: 676.71 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 1006319182
Conc: 691.60 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 2458859656
Conc: 717.78 ng/ml

Instrument :

ECD_S

ClientSampleId :

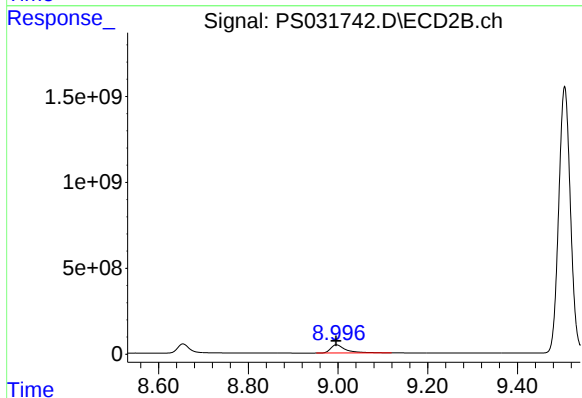
HSTDCCC750

Manual Integrations

APPROVED

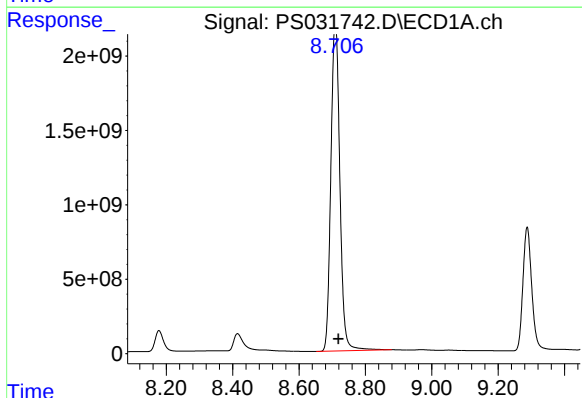
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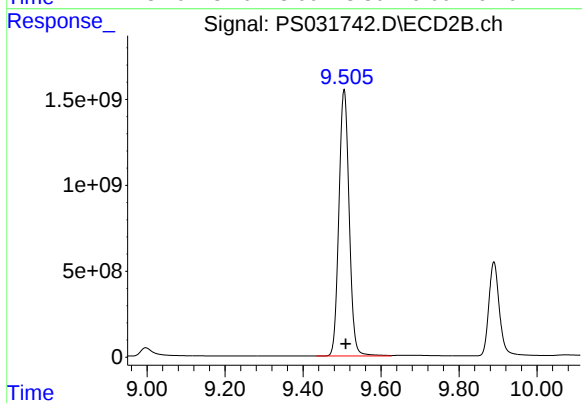
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 1114645225
Conc: 677.55 ng/ml



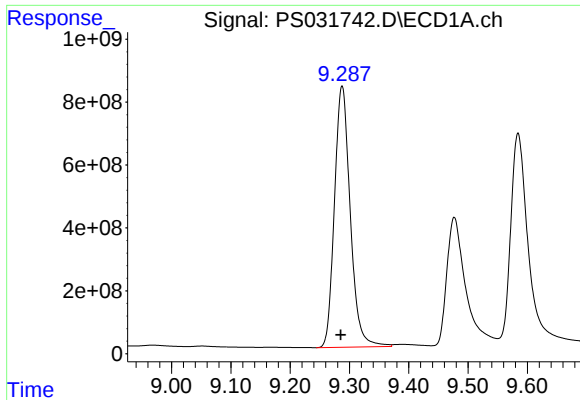
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.009 min
Response: 41263166811
Conc: 777.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 28290676542
Conc: 712.78 ng/ml



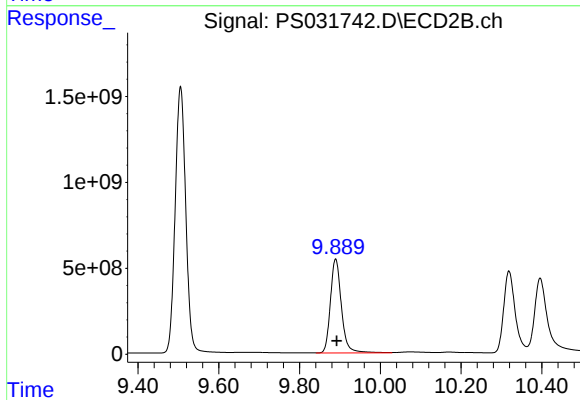
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: 0.002 min
Response: 15361767833
Conc: 732.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

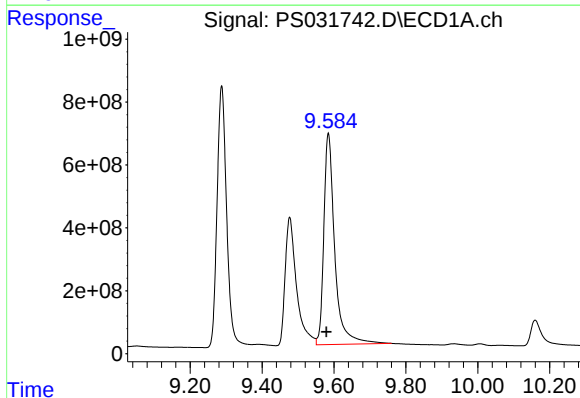
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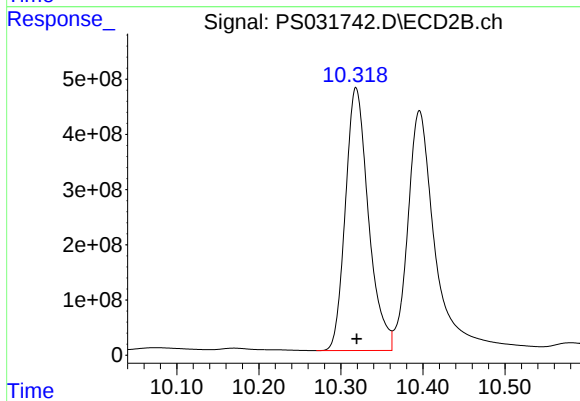
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 10349647759
Conc: 687.49 ng/ml



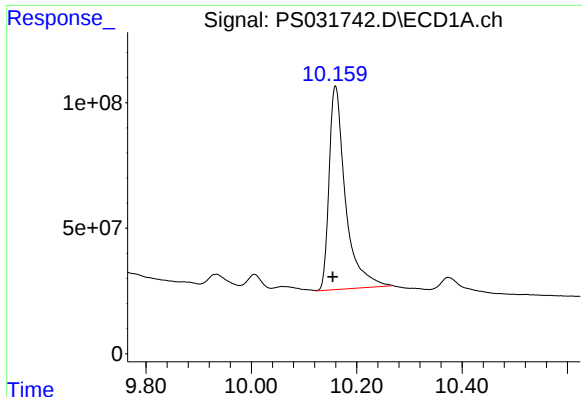
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.005 min
Response: 14219813167
Conc: 777.12 ng/ml



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 9307459628
Conc: 691.64 ng/ml



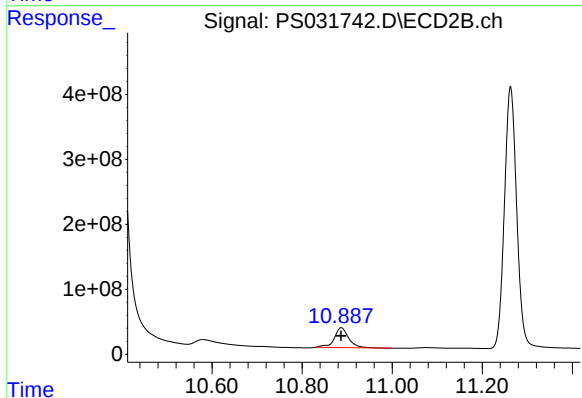
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: 0.005 min
Response: 1746409623
Conc: 748.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

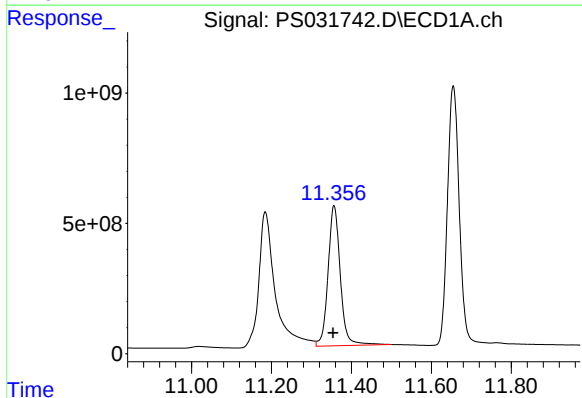
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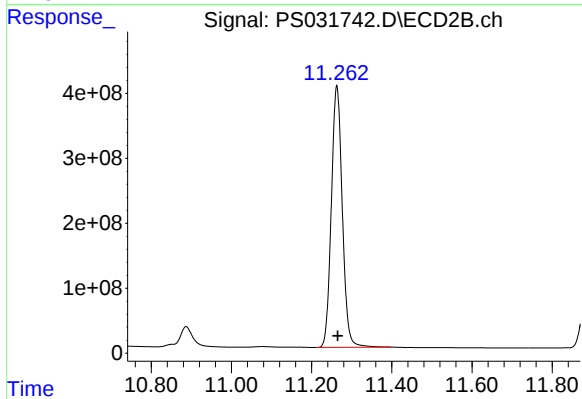
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 666005159
Conc: 622.41 ng/ml



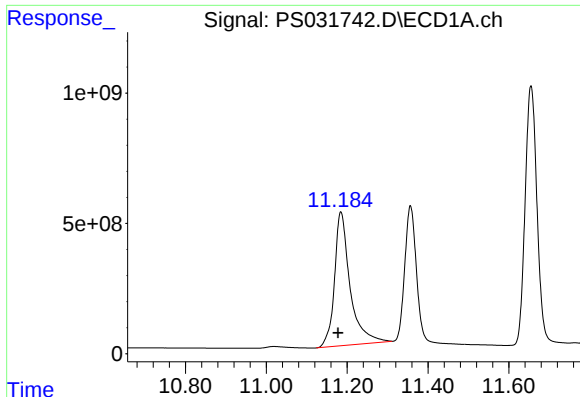
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: 0.002 min
Response: 11473003883
Conc: 795.48 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: -0.003 min
Response: 7653227013
Conc: 787.31 ng/ml



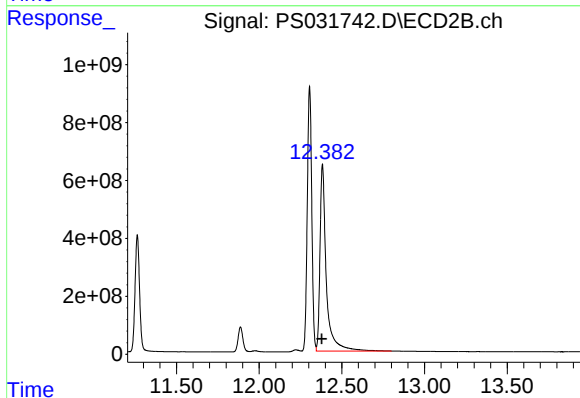
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.006 min
Response: 13746904627
Conc: 763.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

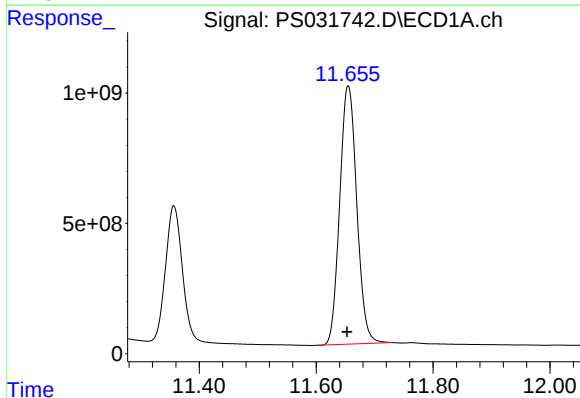
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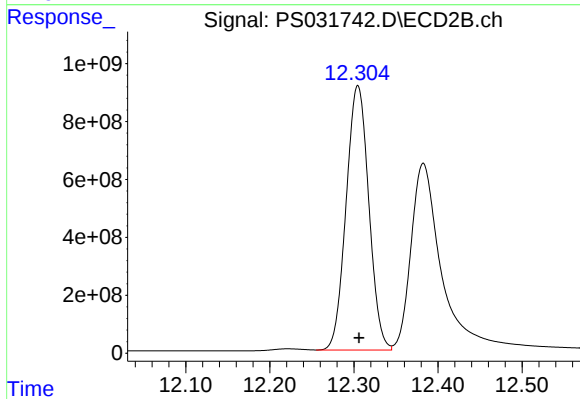
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 17119596338
Conc: 722.86 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: 0.002 min
Response: 20078445568
Conc: 745.03 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.001 min
Response: 17109055126
Conc: 709.80 ng/ml