

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 22:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:28:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.742	2677.2E6	642.5E6	843.484	760.019
Target Compounds							
1) T	Dalapon	2.673	2.692	3532.0E6	1804.5E6	672.901	678.131
2) T	3,5-DICHL...	6.453	6.695	3713.9E6	1046.9E6	787.115	774.357
3) T	4-Nitroph...	7.094	7.293	830.7E6	834.8E6	805.171	664.207
5) T	DICAMBA	7.470	7.938	11006.3E6	4377.2E6	788.054	770.275
6) T	MCPD	7.647	8.035	654.3E6	134.0E6	81.330m	75.818m
7) T	MCPA	7.797	8.282	778.6E6	192.2E6	78.161	68.516
8) T	DICHLORPROP	8.178	8.657	2463.7E6	1001.3E6	776.593	750.008m
9) T	2,4-D	8.414	8.999	2361.6E6	1116.4E6	820.916	782.203m
10) T	Pentachlo...	8.710	9.508	40192.9E6	28331.7E6	837.136	813.465
11) T	2,4,5-TP ...	9.286	9.893	14816.0E6	10275.7E6	826.613	783.449
12) T	2,4,5-T	9.582	10.322	12701.6E6	8986.1E6	866.928	758.977
13) T	2,4-DB	10.159	10.891	1592.3E6	650.0E6	828.571	673.663
14) T	DINOSEB	11.356	11.266	10346.9E6	7420.4E6	816.099	784.651
15) T	Picloram	11.185	12.390	9672.5E6	11767.8E6	740.954m	671.306
16) T	DCPA	11.654	12.307	19396.1E6	16874.3E6	851.479m	856.545m

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

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Acq On : 03 Sep 2025 22:45
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

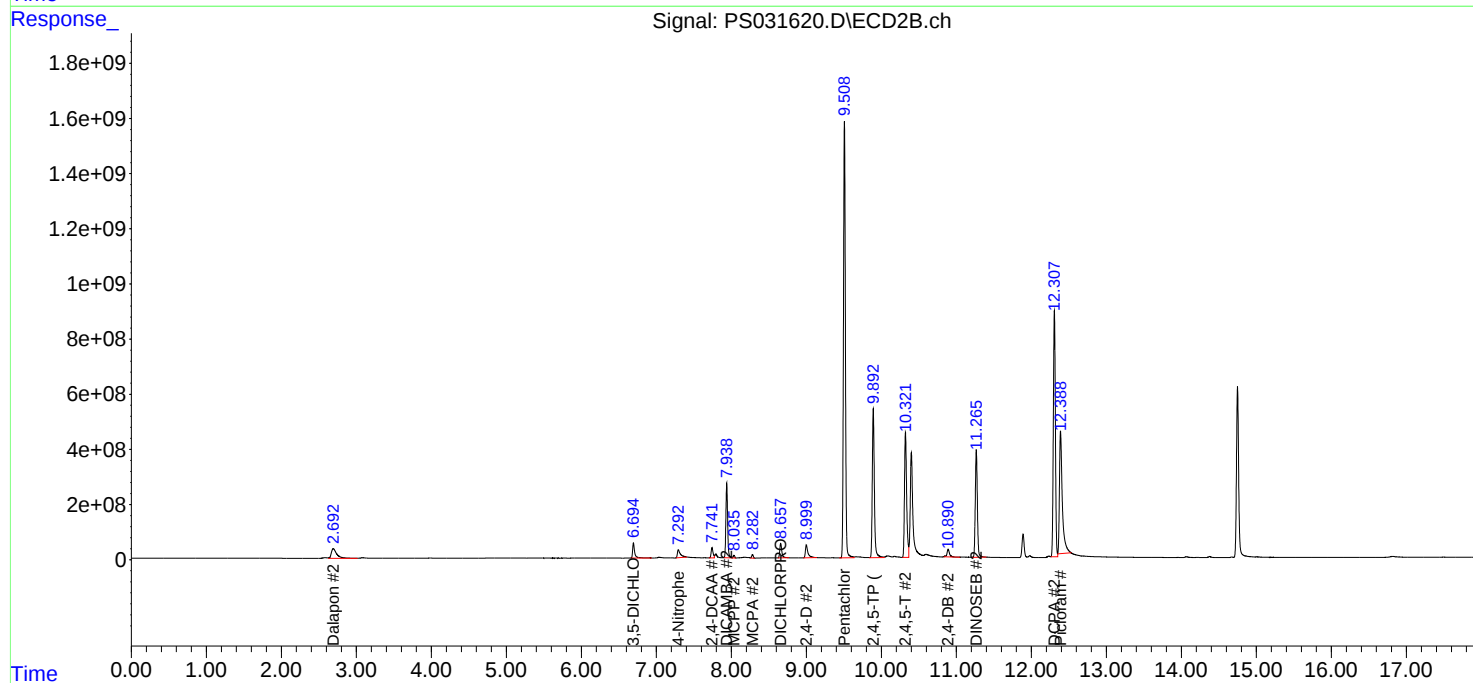
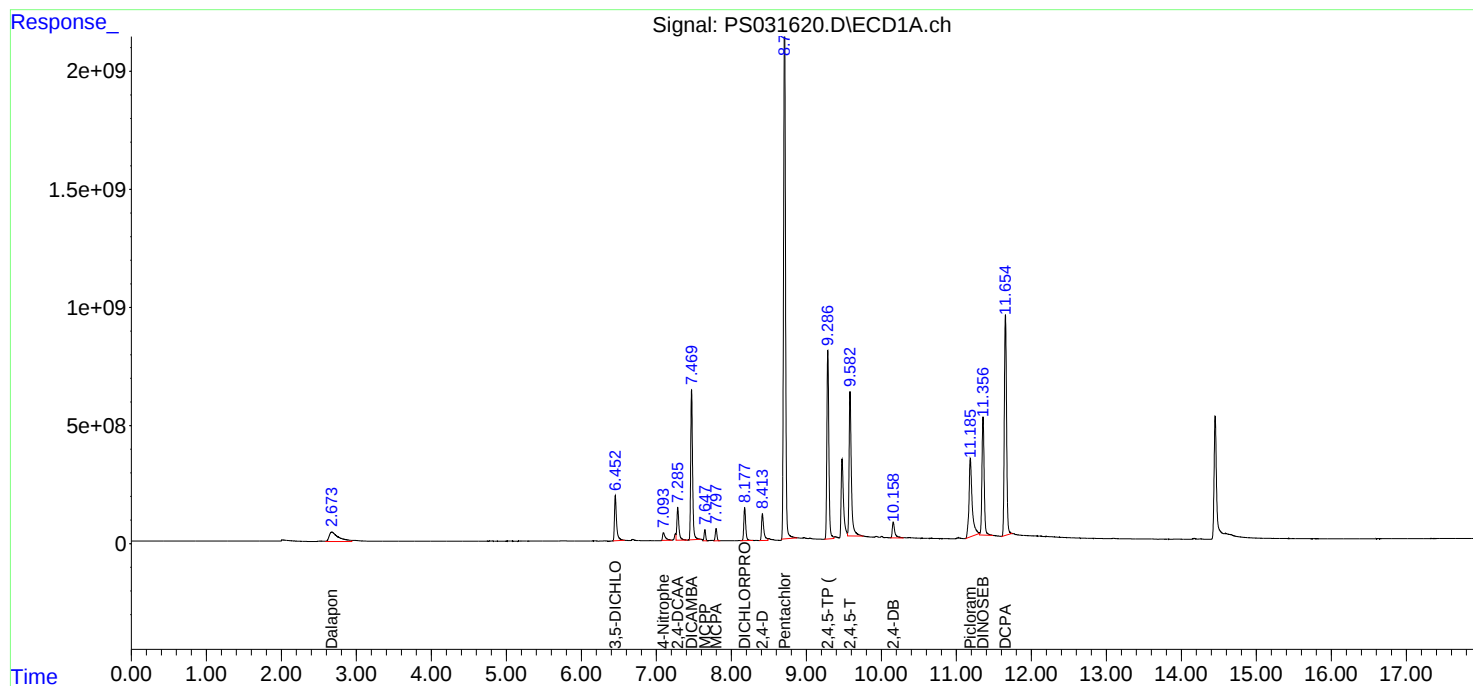
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

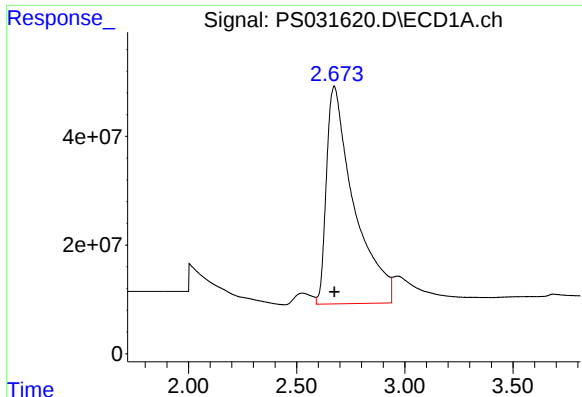
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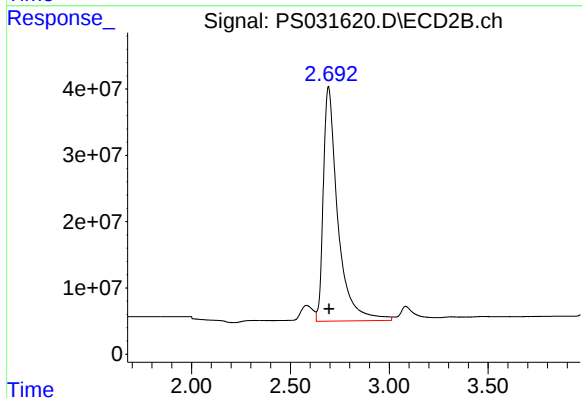
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.000 min
Response: 3532015113
Conc: 672.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

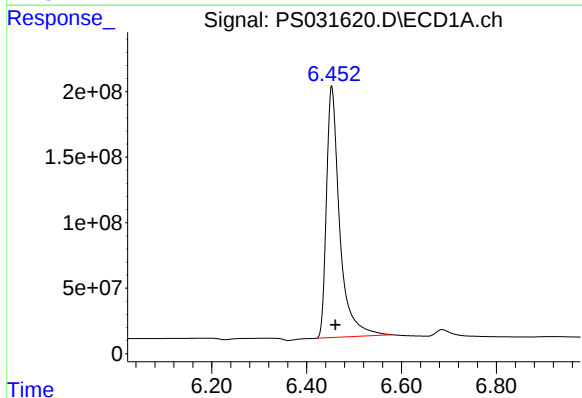
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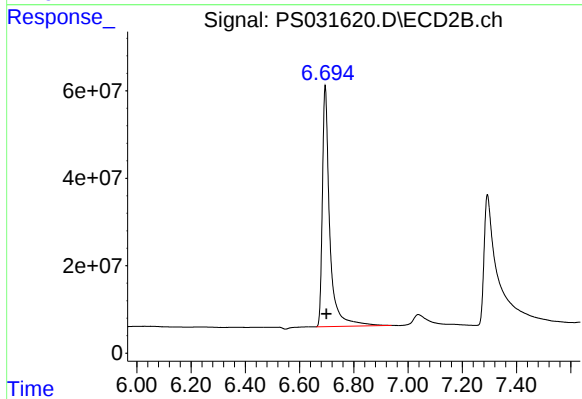
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 1804515158
Conc: 678.13 ng/ml



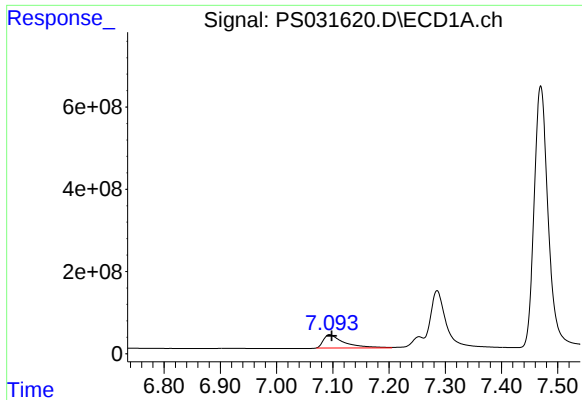
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3713854704
Conc: 787.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 1046876757
Conc: 774.36 ng/ml



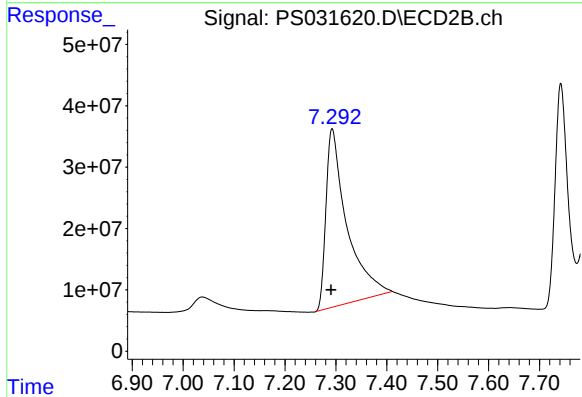
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 830678267
Conc: 805.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

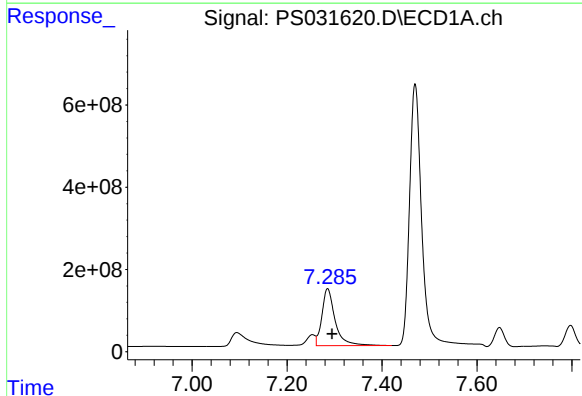
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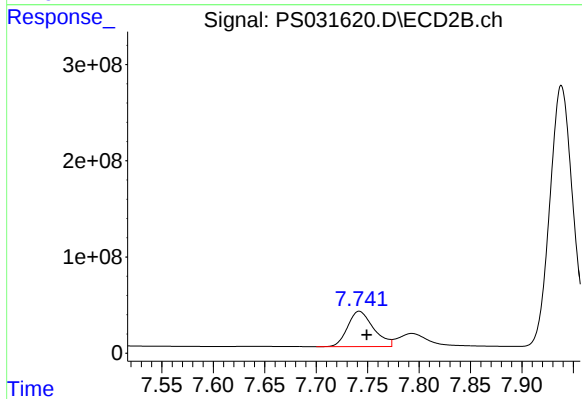
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.002 min
Response: 834835451
Conc: 664.21 ng/ml



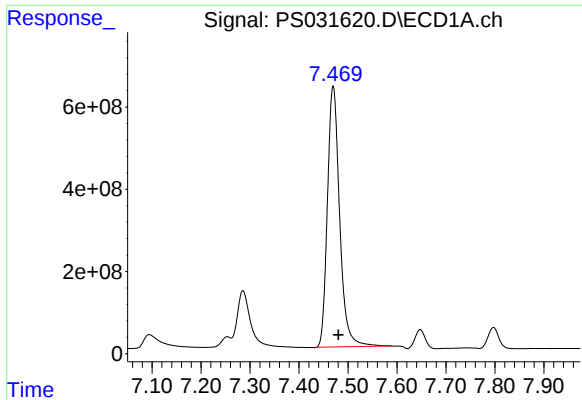
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.009 min
Response: 2677208024
Conc: 843.48 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 642474646
Conc: 760.02 ng/ml



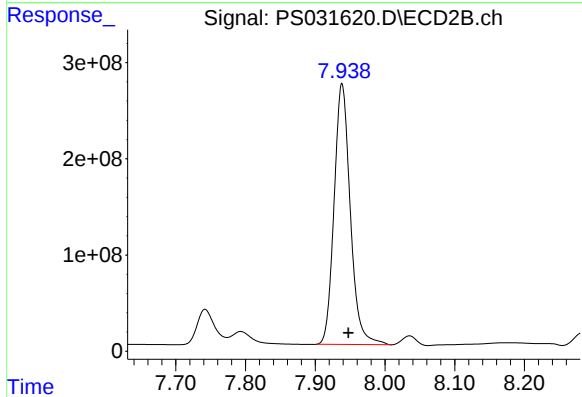
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 11006329555
Conc: 788.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

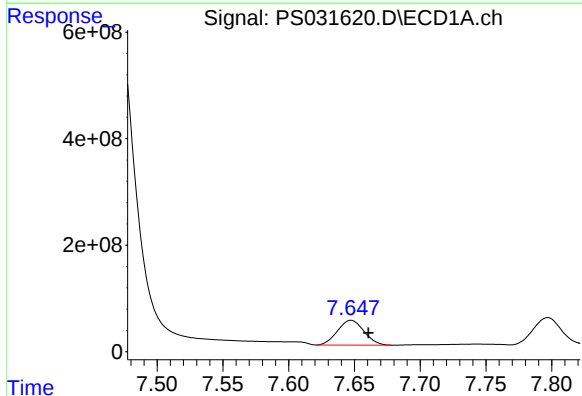
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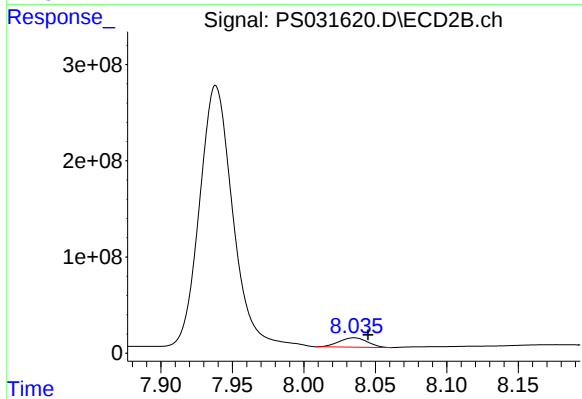
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 4377233940
Conc: 770.28 ng/ml



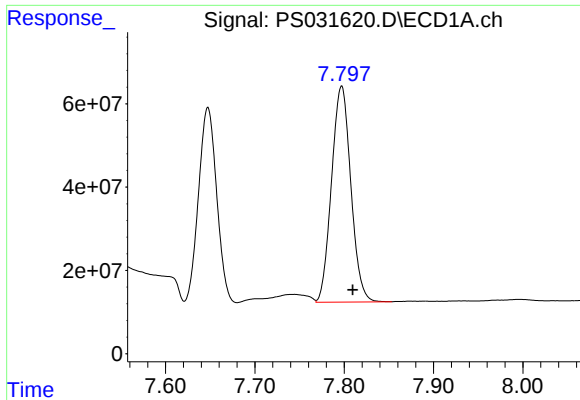
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 654291832
Conc: 81.33 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 134034272
Conc: 75.82 ug/ml m



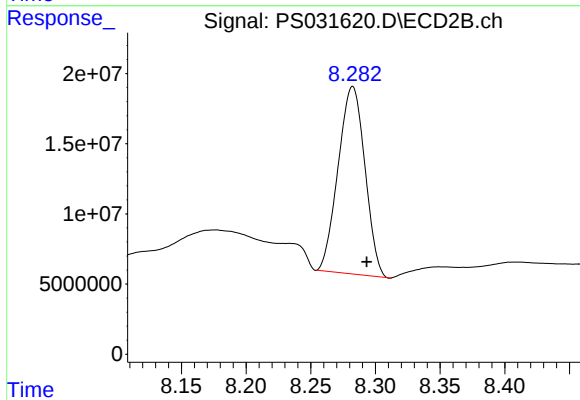
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 778582995
Conc: 78.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

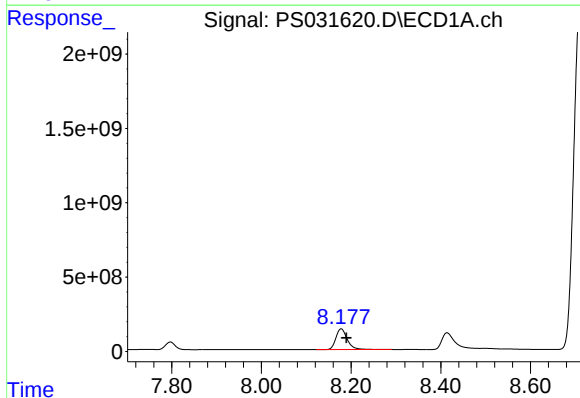
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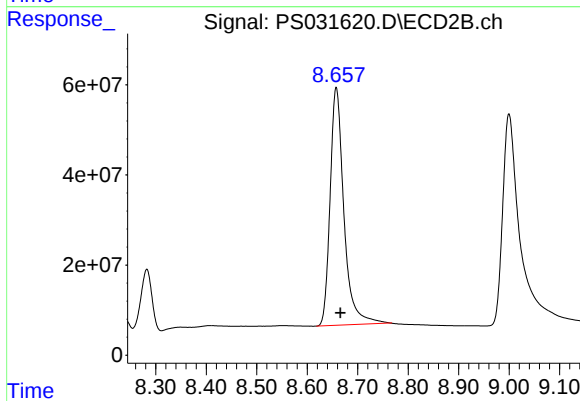
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 192222053
Conc: 68.52 ug/ml



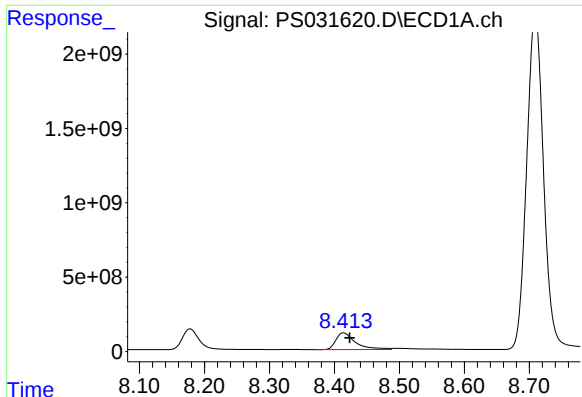
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.012 min
Response: 2463685245
Conc: 776.59 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 1001285126
Conc: 750.01 ng/ml m



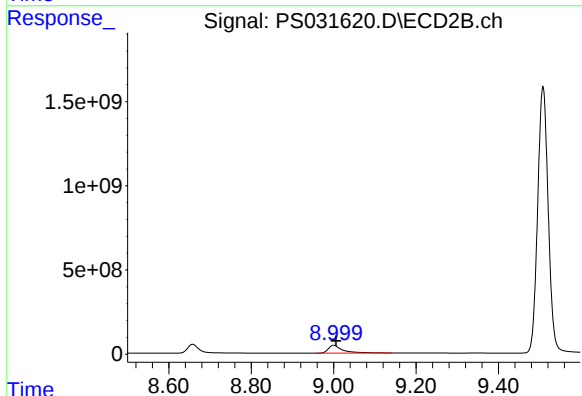
#9 2,4-D

R.T.: 8.414 min
Delta R.T.: -0.010 min
Response: 2361624442
Conc: 820.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

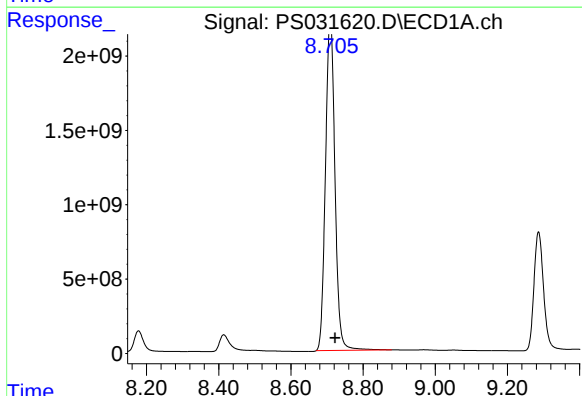
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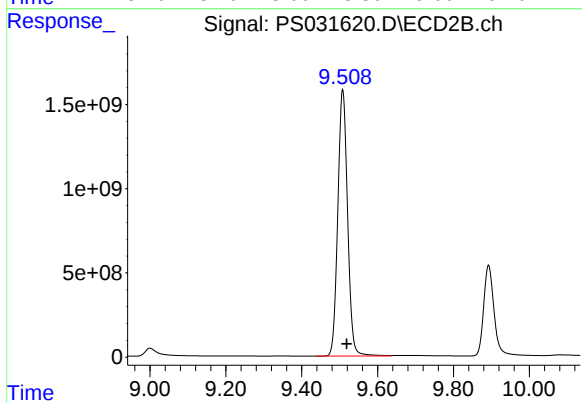
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.006 min
Response: 1116427510
Conc: 782.20 ng/ml m



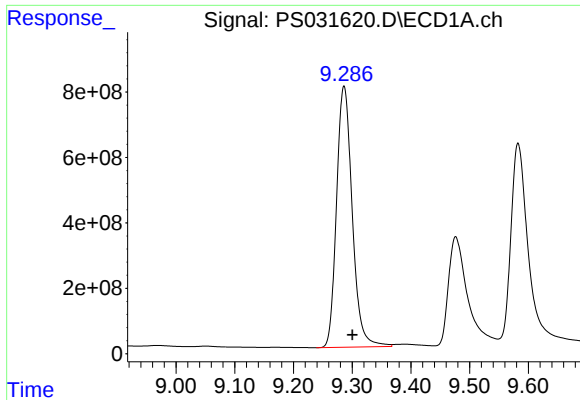
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 40192909934
Conc: 837.14 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.010 min
Response: 28331696428
Conc: 813.46 ng/ml



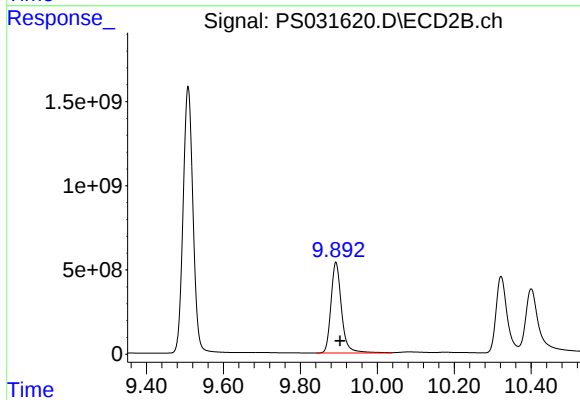
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 14815974912
Conc: 826.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

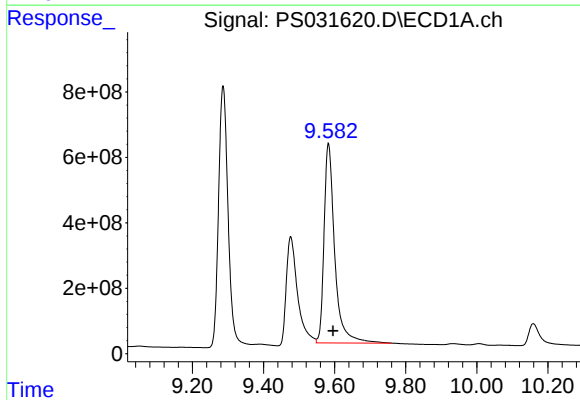
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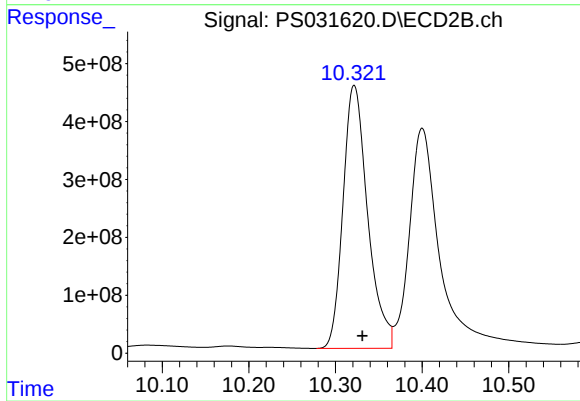
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 10275742118
Conc: 783.45 ng/ml



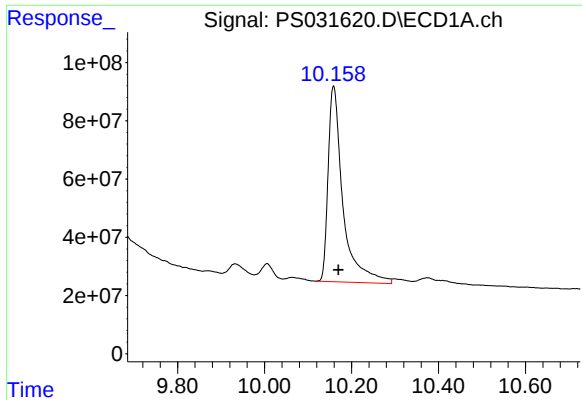
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: -0.013 min
Response: 12701564786
Conc: 866.93 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8986111482
Conc: 758.98 ng/ml



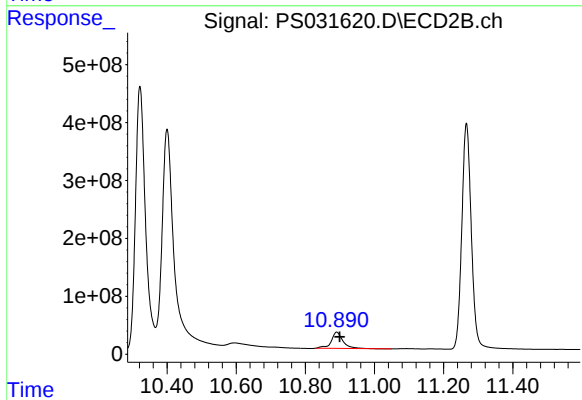
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 1592282136
Conc: 828.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

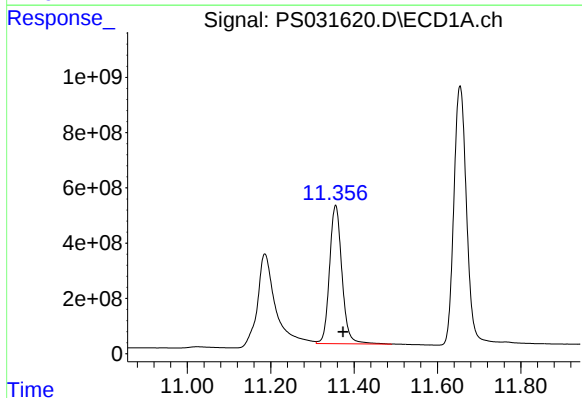
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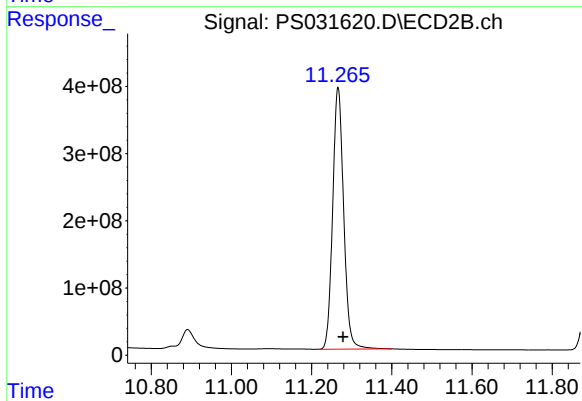
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.008 min
Response: 649981123
Conc: 673.66 ng/ml



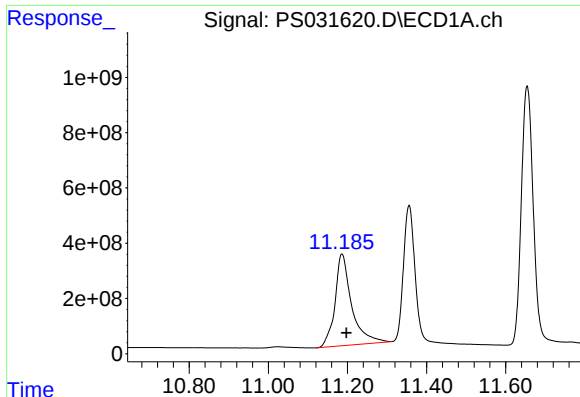
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.018 min
Response: 10346887689
Conc: 816.10 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 7420400924
Conc: 784.65 ng/ml



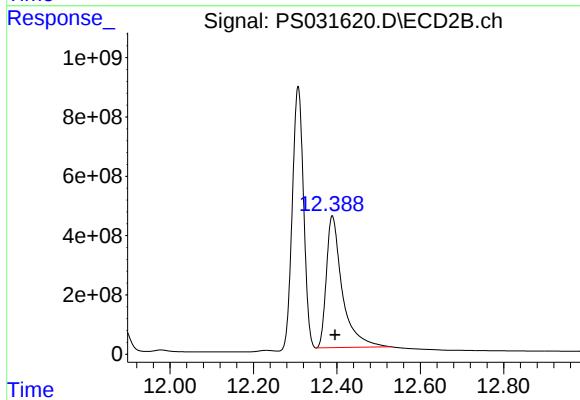
#15 Picloram

R.T.: 11.185 min
Delta R.T.: -0.012 min
Response: 9672520699
Conc: 740.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

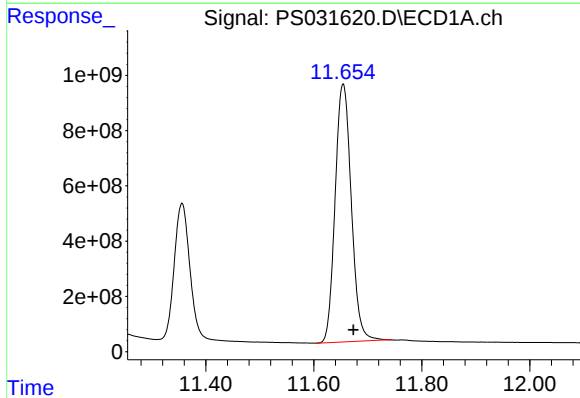
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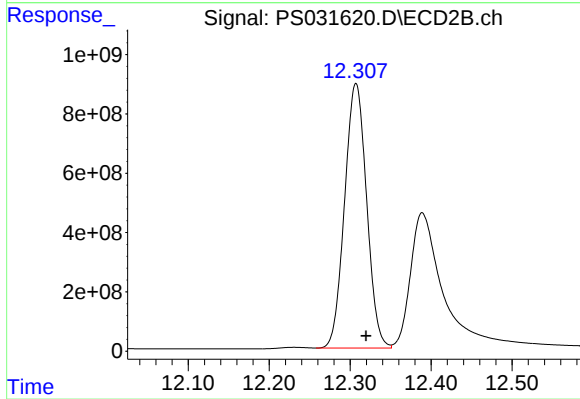
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.006 min
Response: 11767813026
Conc: 671.31 ng/ml



#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 19396107354
Conc: 851.48 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 16874285259
Conc: 856.55 ng/ml m