

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 10:23
 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 03 12:48:29 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	7.286	7.743	2617.0E6	606.6E6	824.512	717.536
Target Compounds							
1) T	Dalapon	2.673	2.692	3539.2E6	1710.6E6	674.277	642.830
2) T	3,5-DICHL...	6.453	6.695	3614.4E6	1002.5E6	766.031	741.545
3) T	4-Nitroph...	7.098	7.296	788.4E6	744.8E6	764.191	592.601
5) T	DICAMBA	7.470	7.938	10813.4E6	4201.6E6	774.238	739.377
6) T	MCPD	7.647	8.034	627.4E6	133.0E6	77.992m	75.230m
7) T	MCPA	7.797	8.282	750.3E6	185.4E6	75.321	66.091
8) T	DICHLORPROP	8.178	8.657	2406.6E6	956.4E6	758.587	716.412
9) T	2,4-D	8.415	9.001	2230.4E6	950.8E6	775.286	666.185
10) T	Pentachlo...	8.709	9.507	40020.1E6	27329.6E6	833.536	784.692
11) T	2,4,5-TP ...	9.287	9.893	14571.4E6	9883.9E6	812.970	753.571
12) T	2,4,5-T	9.584	10.322	12322.7E6	8315.0E6	841.069	702.291
13) T	2,4-DB	10.161	10.891	1407.7E6	575.2E6	732.539	596.131
14) T	DINOSEB	11.356	11.265	10241.5E6	7177.5E6	807.785	758.969
15) T	Picloram	11.190	12.391	8753.7E6	10339.8E6	670.567m	589.845m
16) T	DCPA	11.654	12.307	19347.9E6	16280.5E6	849.362m	826.405m

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

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Acq On : 03 Sep 2025 10:23
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

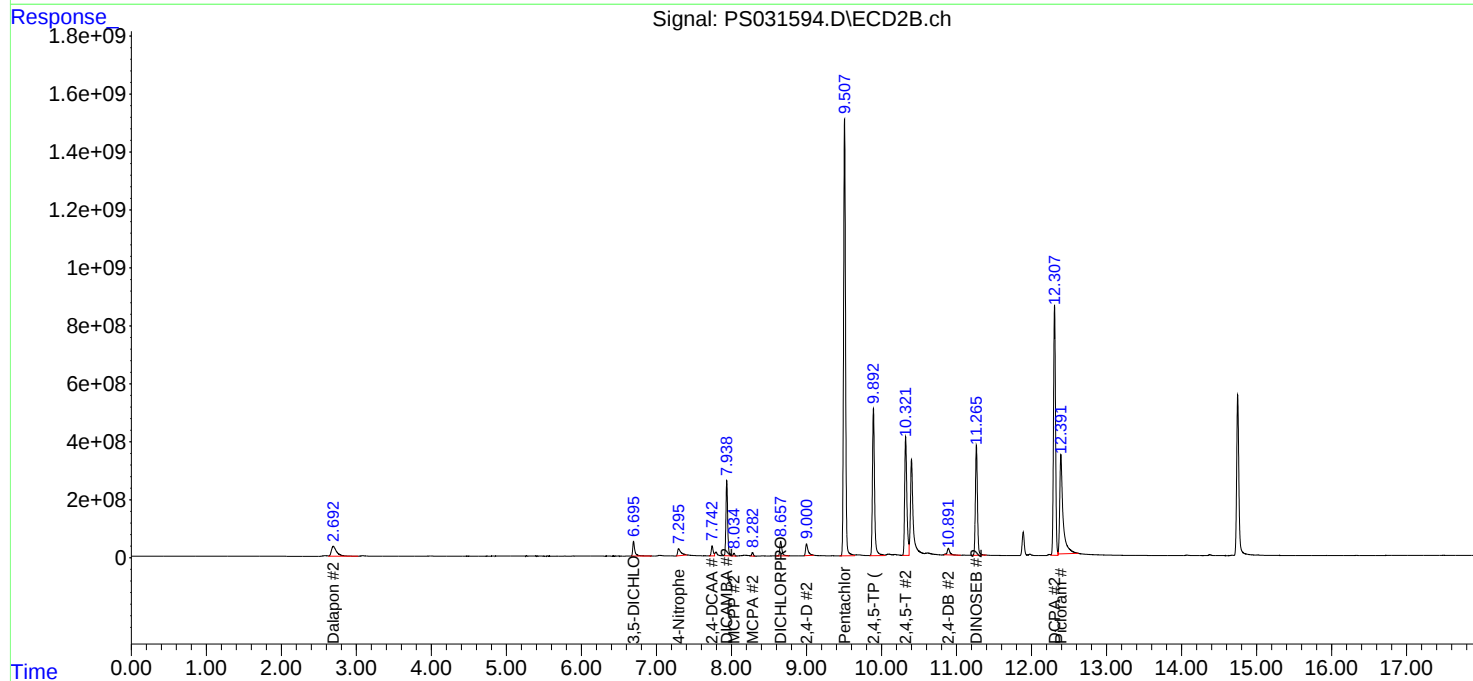
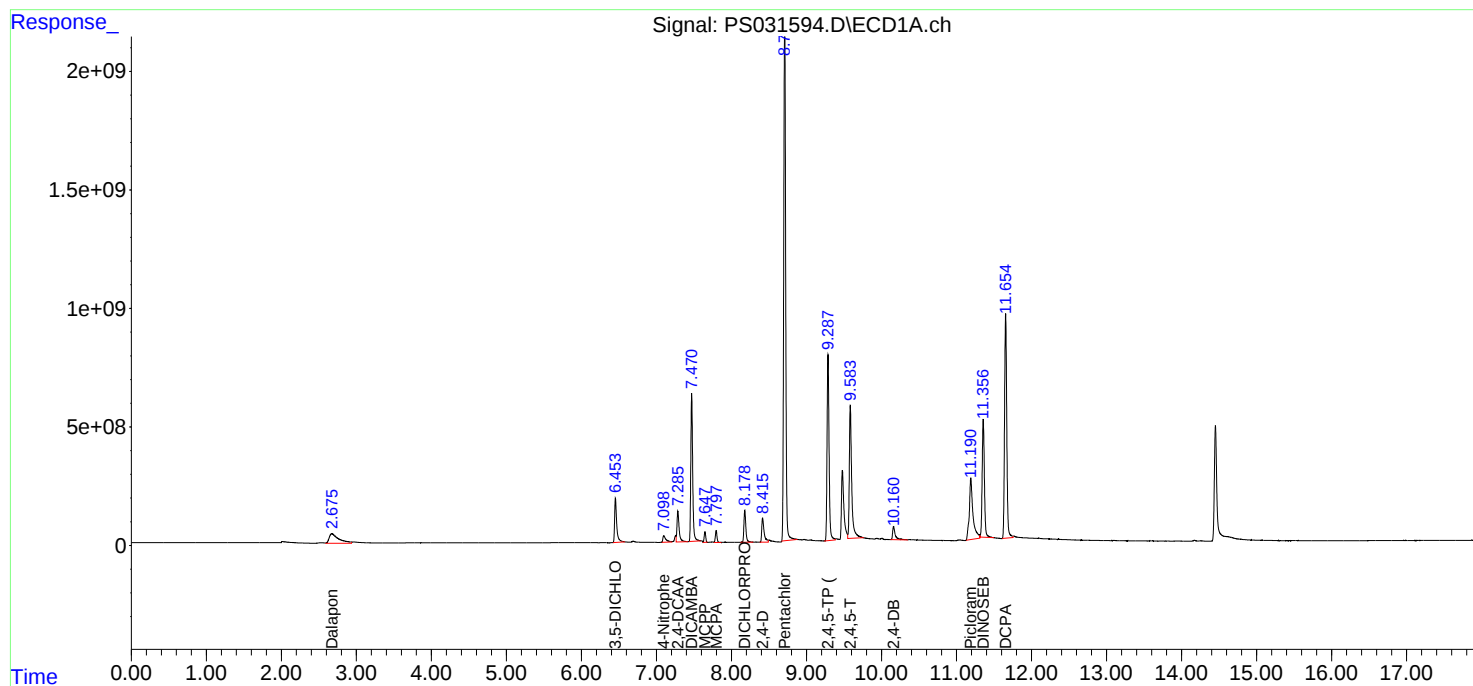
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

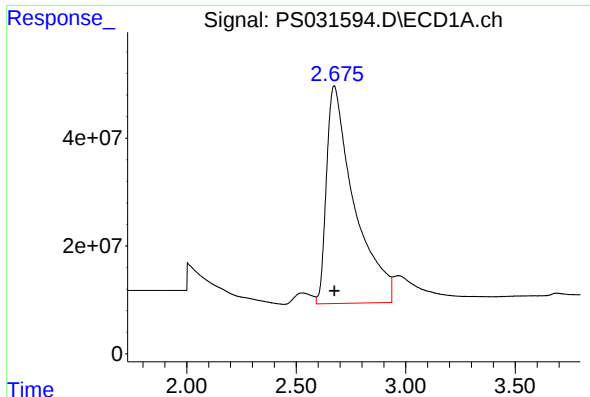
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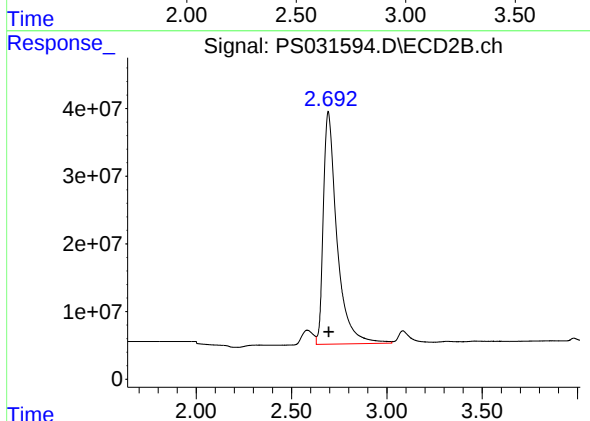
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.000 min
Response: 3539237997
Conc: 674.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

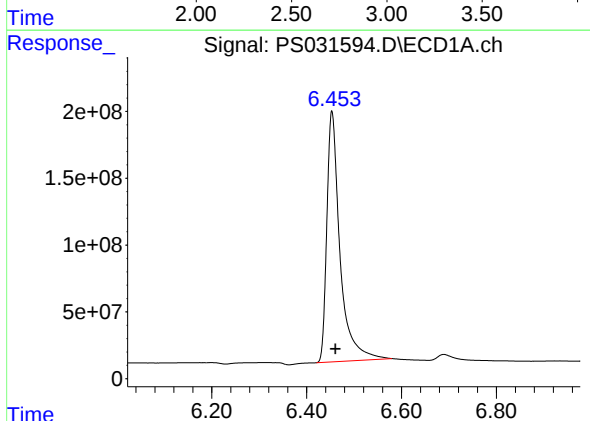
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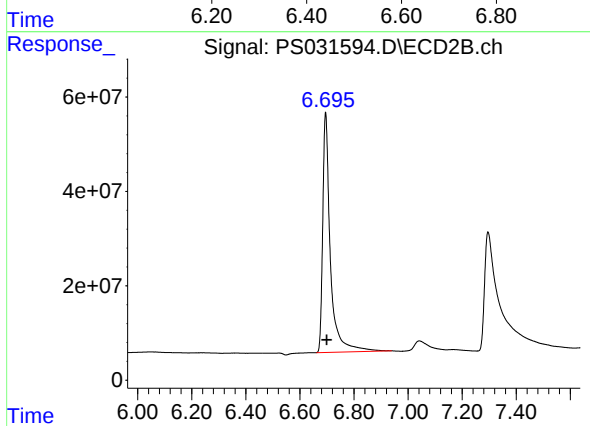
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1710578090
Conc: 642.83 ng/ml



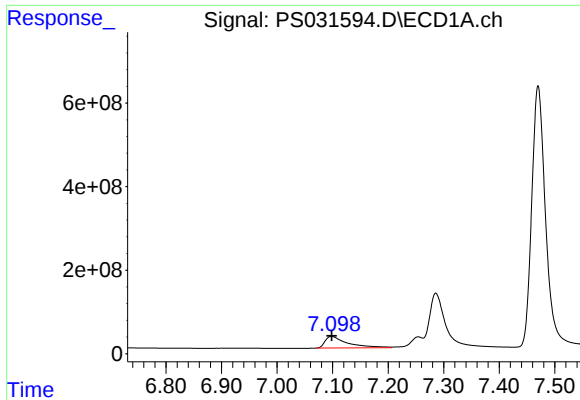
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 3614374058
Conc: 766.03 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 1002516772
Conc: 741.55 ng/ml



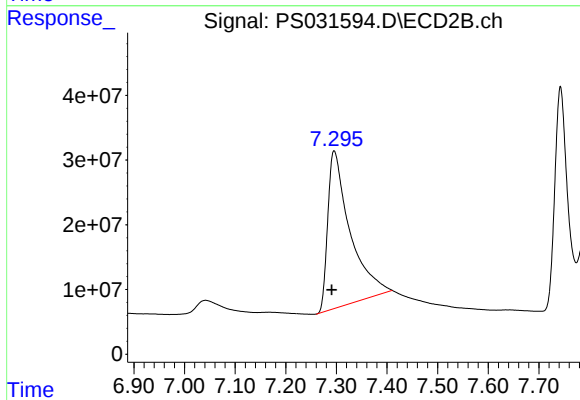
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 788400301
Conc: 764.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

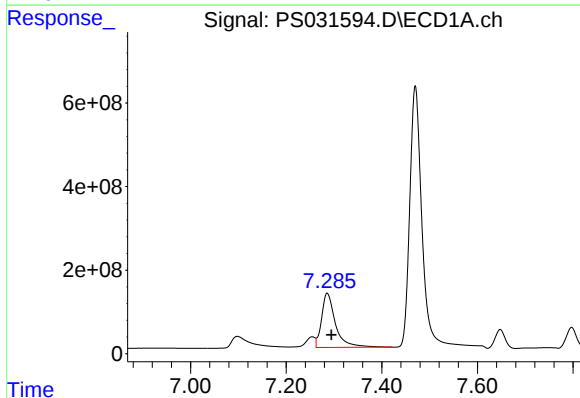
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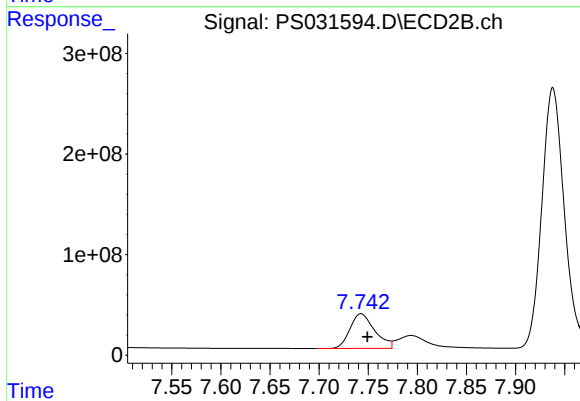
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.005 min
Response: 744834465
Conc: 592.60 ng/ml



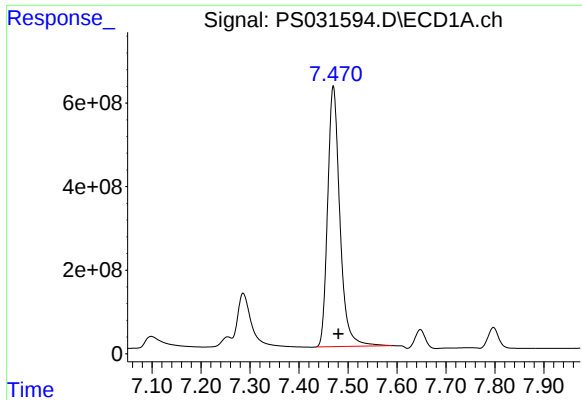
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 2616991696
Conc: 824.51 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 606561514
Conc: 717.54 ng/ml



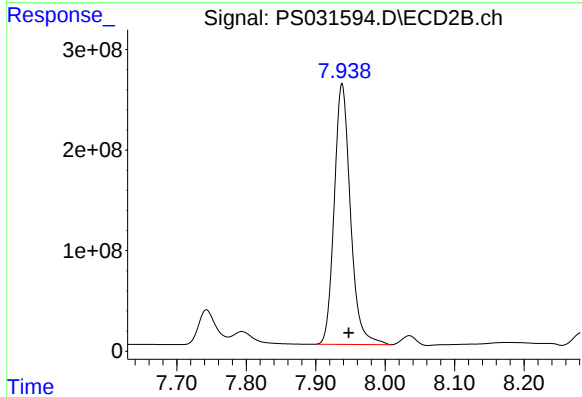
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 10813368069
Conc: 774.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

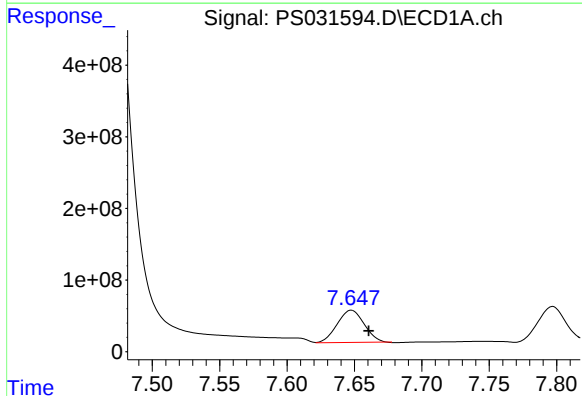
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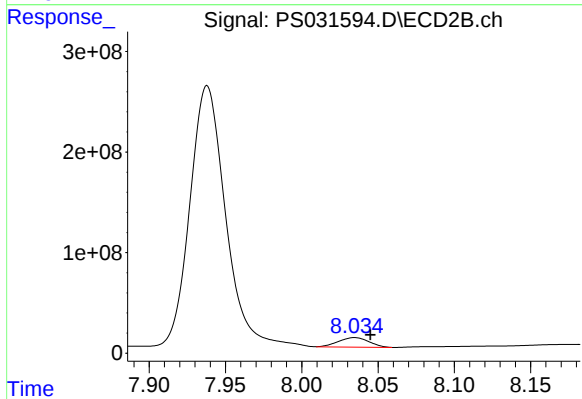
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 4201648592
Conc: 739.38 ng/ml



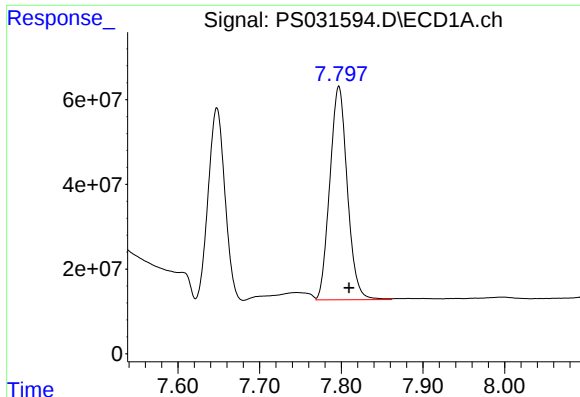
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.013 min
Response: 627434995
Conc: 77.99 ug/ml m



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 132993427
Conc: 75.23 ug/ml m



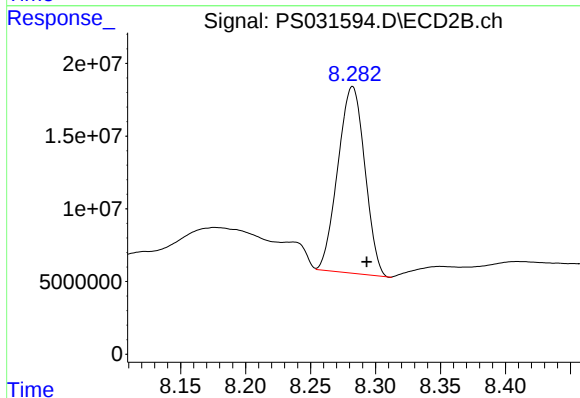
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 750300234
Conc: 75.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

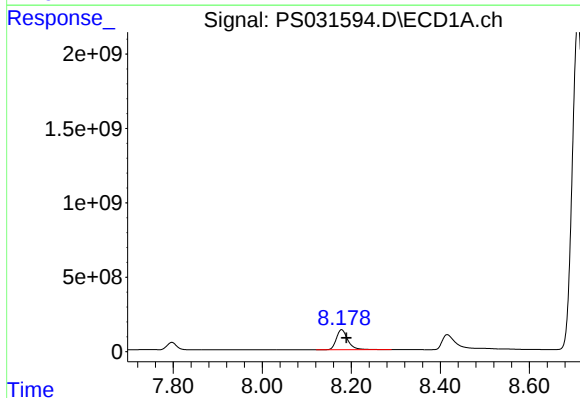
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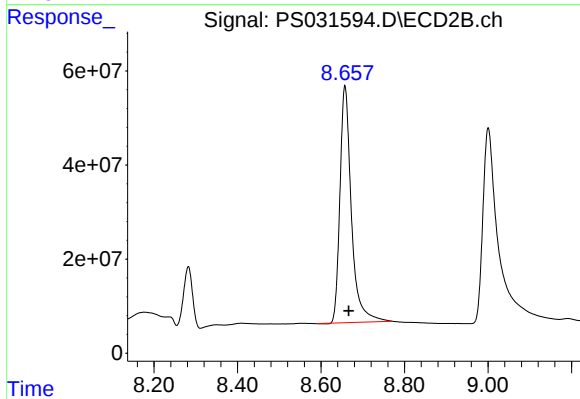
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 185419332
Conc: 66.09 ug/ml



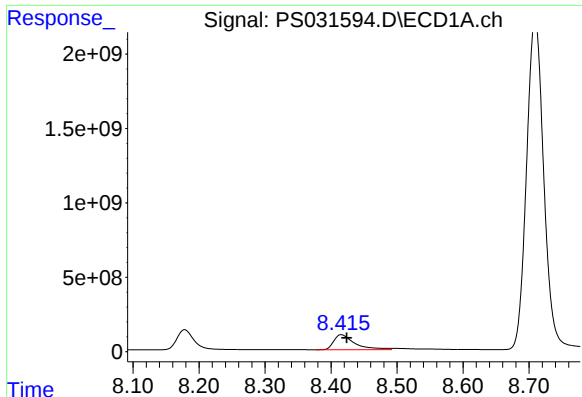
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.011 min
Response: 2406564800
Conc: 758.59 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 956434099
Conc: 716.41 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.008 min
Response: 2230353679
Conc: 775.29 ng/ml

Instrument :

ECD_S

ClientSampleId :

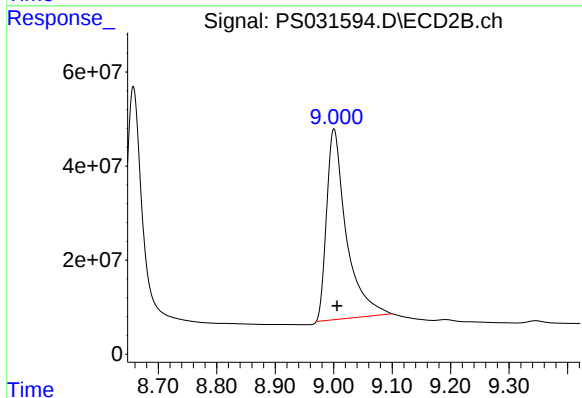
HSTDCCC750

Manual Integrations

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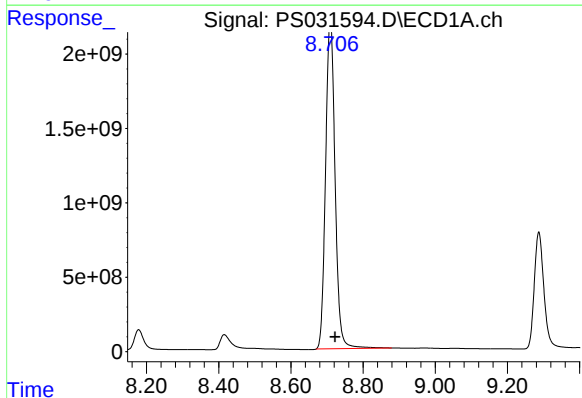
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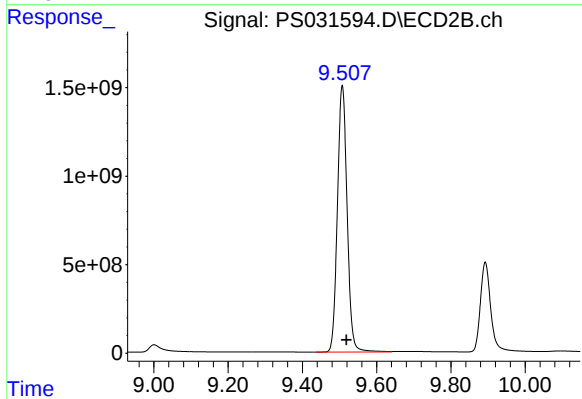
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 950837061
Conc: 666.19 ng/ml



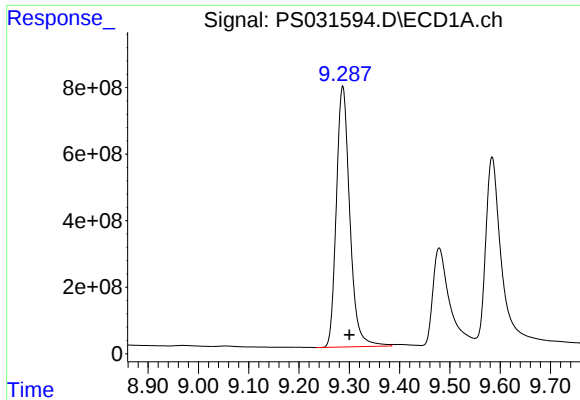
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 40020057721
Conc: 833.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.011 min
Response: 27329568361
Conc: 784.69 ng/ml



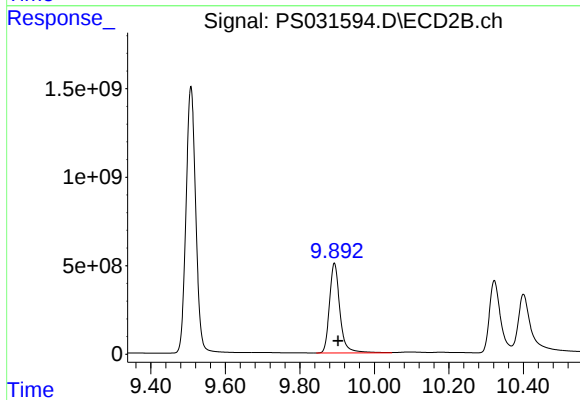
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 14571444391
Conc: 812.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

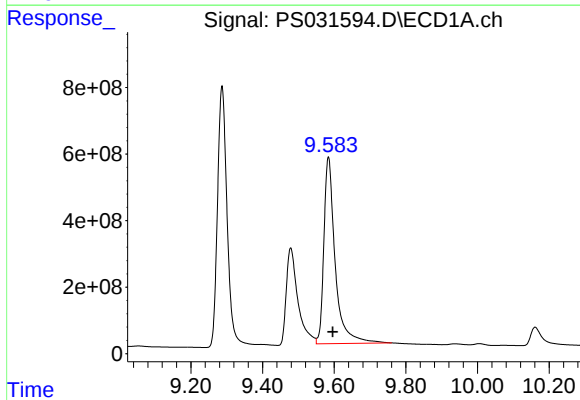
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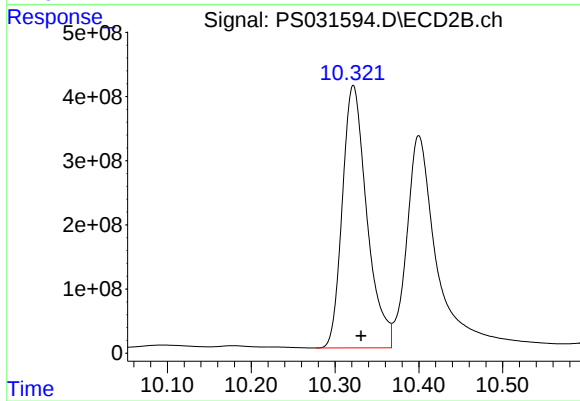
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 9883855907
Conc: 753.57 ng/ml



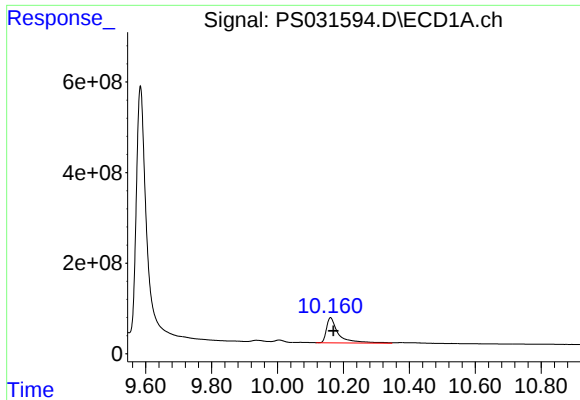
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.012 min
Response: 12322693491
Conc: 841.07 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8314958812
Conc: 702.29 ng/ml



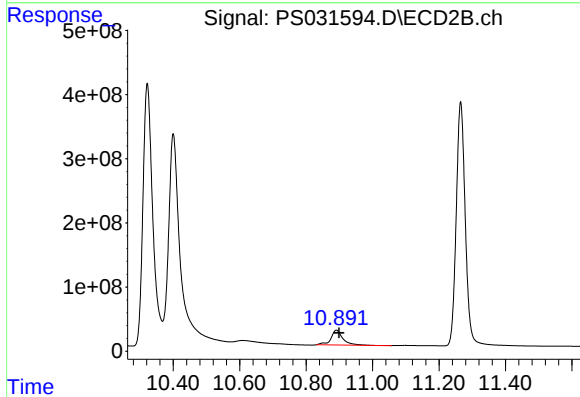
#13 2,4-DB

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 1407734569
Conc: 732.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
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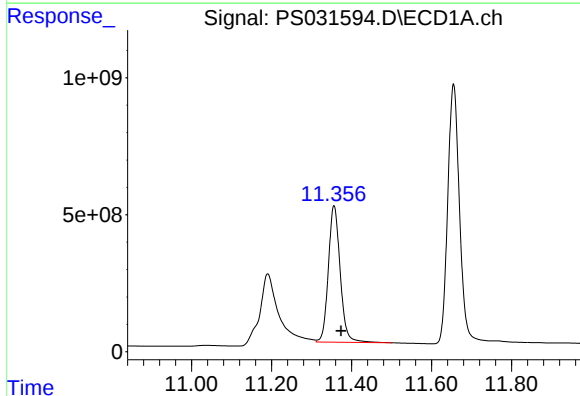
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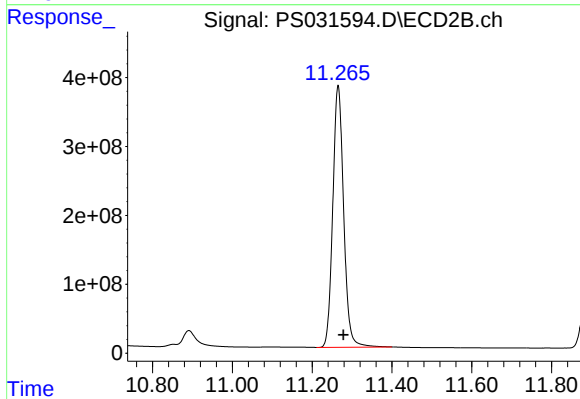
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.008 min
Response: 575174410
Conc: 596.13 ng/ml



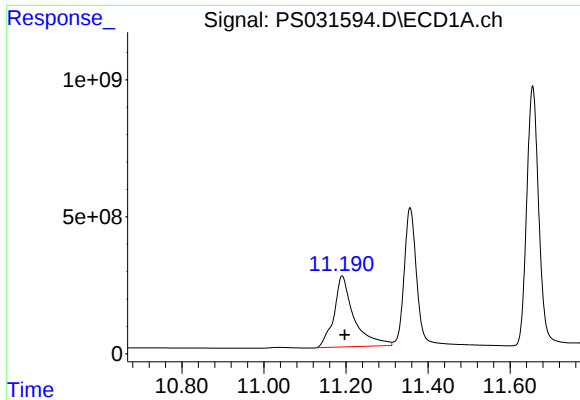
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.017 min
Response: 10241478519
Conc: 807.78 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: -0.013 min
Response: 7177527017
Conc: 758.97 ng/ml



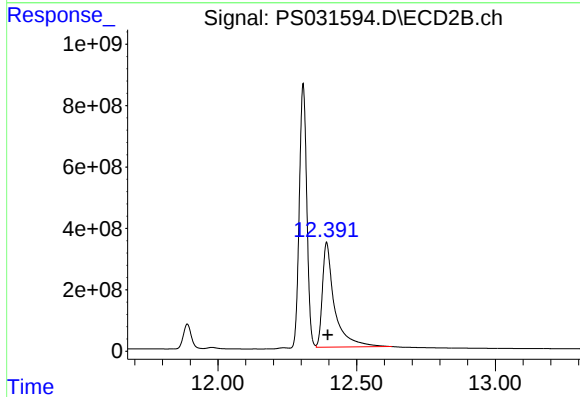
#15 Picloram

R.T.: 11.190 min
Delta R.T.: -0.007 min
Response: 8753680179
Conc: 670.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
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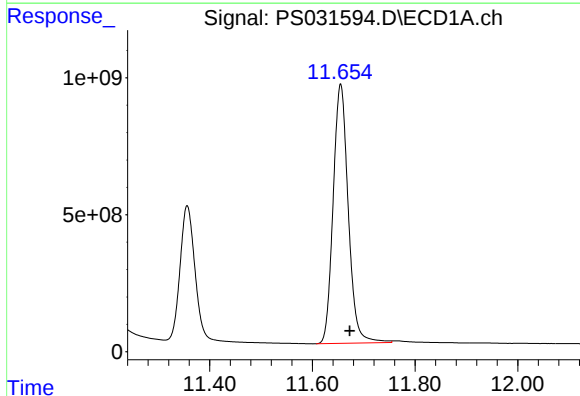
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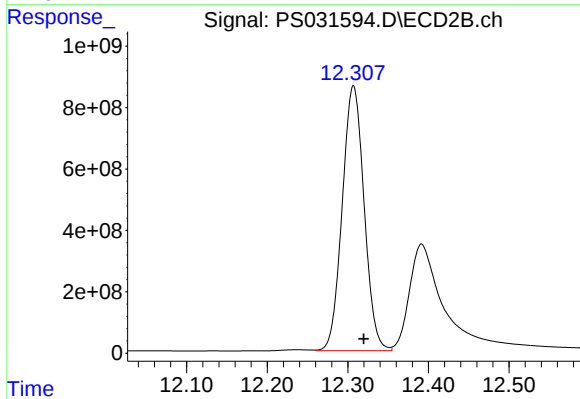
#15 Picloram

R.T.: 12.391 min
Delta R.T.: -0.005 min
Response: 10339821793
Conc: 589.84 ng/ml m



#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.018 min
Response: 19347885839
Conc: 849.36 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 16280496371
Conc: 826.40 ng/ml m