

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082625\
 Data File : PS031541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 10:02
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:33:18 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	7.742	2283.7E6	557.0E6	719.511m	658.869
Target Compounds							
1) T	Dalapon	2.671	2.692	3023.0E6	1471.8E6	575.936	553.115
2) T	3,5-DICHL...	6.454	6.694	3241.2E6	892.8E6	686.945	660.398
3) T	4-Nitroph...	7.094	7.291	759.8E6	709.9E6	736.433m	564.839
5) T	DICAMBA	7.471	7.938	9391.9E6	3607.5E6	672.459	634.825
6) T	MCPD	7.649	8.035	579.7E6	122.5E6	72.056m	69.304m
7) T	MCPA	7.798	8.282	697.6E6	164.5E6	70.026	58.631
8) T	DICHLORPROP	8.179	8.657	2163.1E6	847.9E6	681.829	635.119
9) T	2,4-D	8.415	8.999	2092.0E6	852.6E6	727.177	597.327
10) T	Pentachlo...	8.711	9.509	36499.0E6	24457.1E6	760.199	702.218
11) T	2,4,5-TP ...	9.288	9.893	13027.4E6	8689.3E6	726.826	662.496
12) T	2,4,5-T	9.584	10.322	11246.0E6	7722.9E6	767.580	652.282
13) T	2,4-DB	10.160	10.890	1427.2E6	571.6E6	742.682m	592.451m
14) T	DINOSEB	11.359	11.266	9123.5E6	6142.6E6	719.604	649.532
15) T	Picloram	11.186	12.387	9825.3E6	10817.3E6	752.661m	617.081
16) T	DCPA	11.657	12.307	17399.3E6	14201.7E6	763.819m	720.883m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

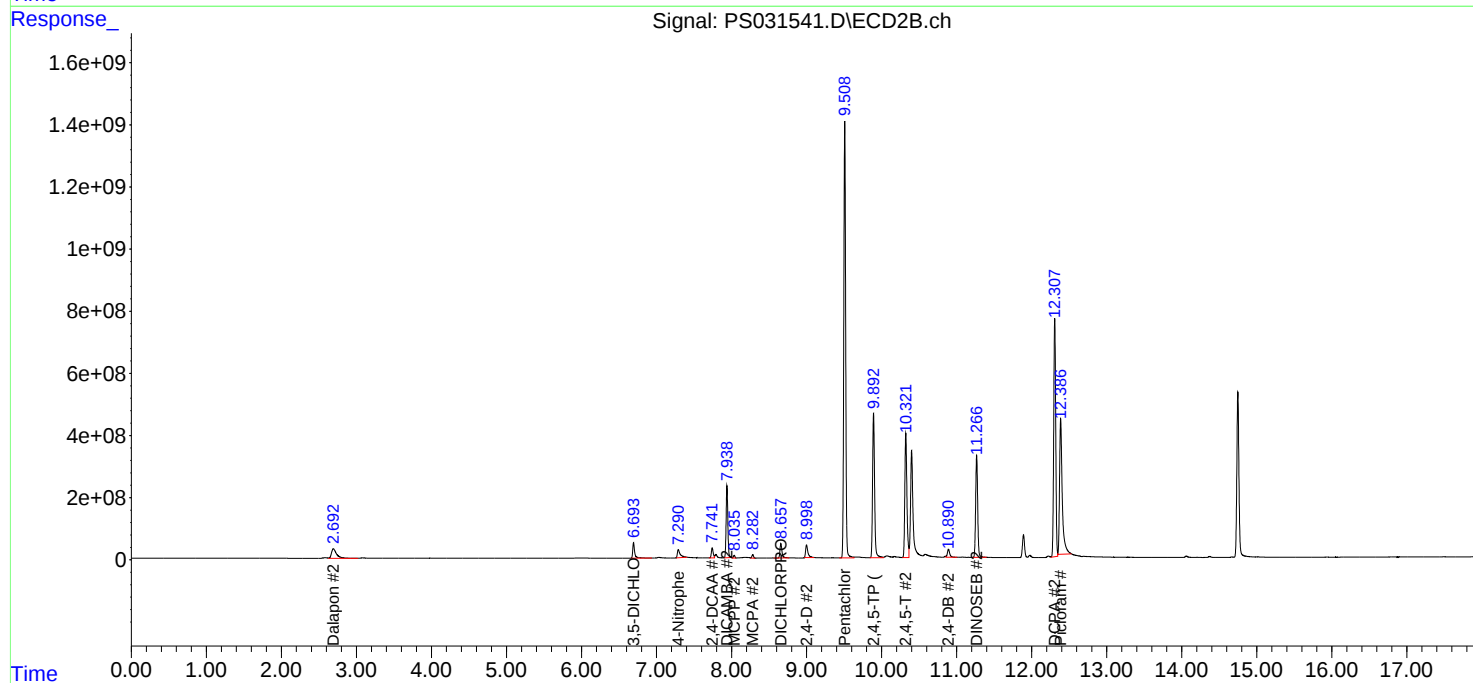
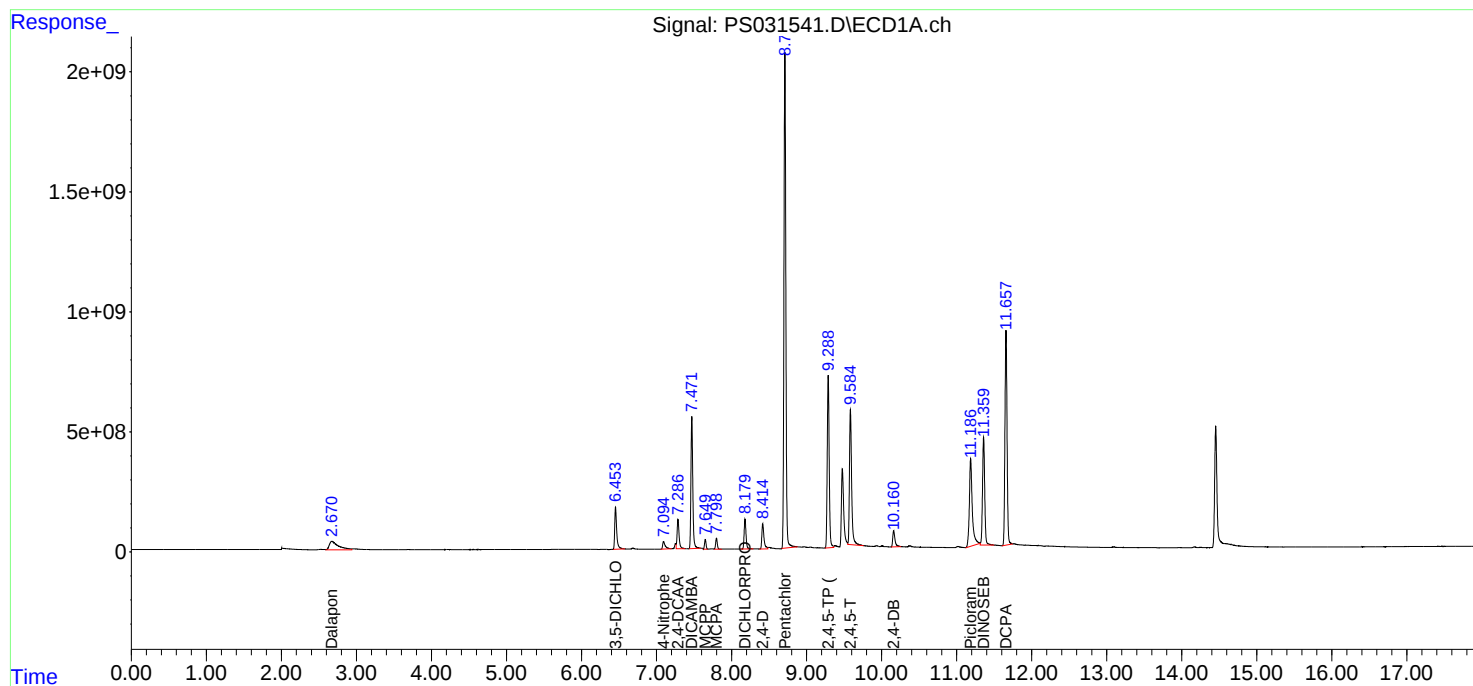
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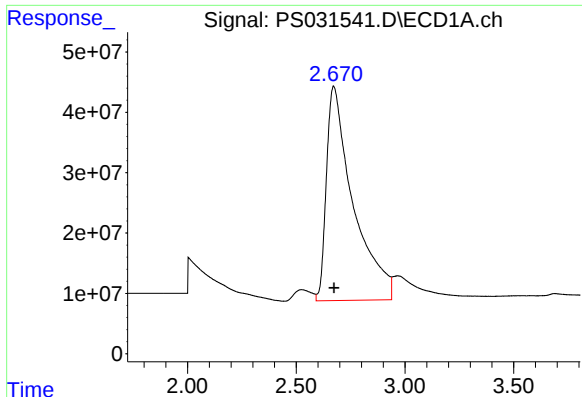
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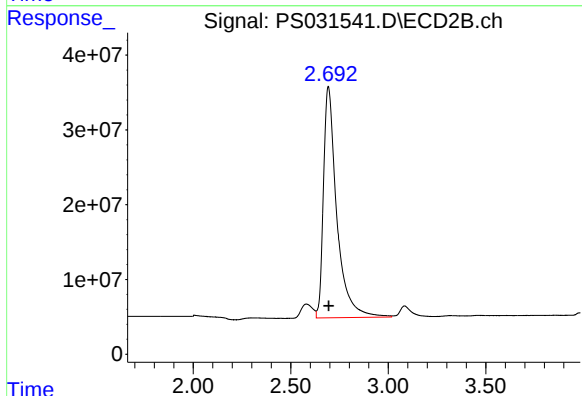
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: -0.003 min
Response: 3023048840
Conc: 575.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

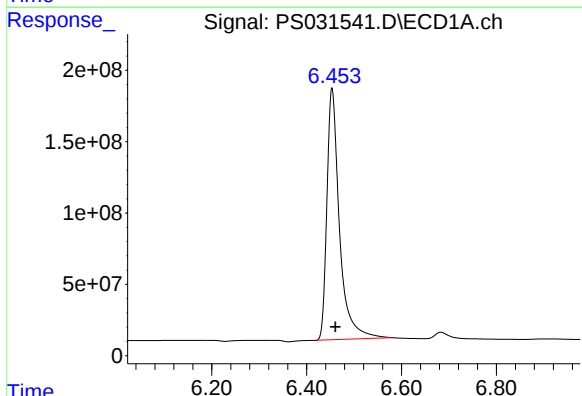
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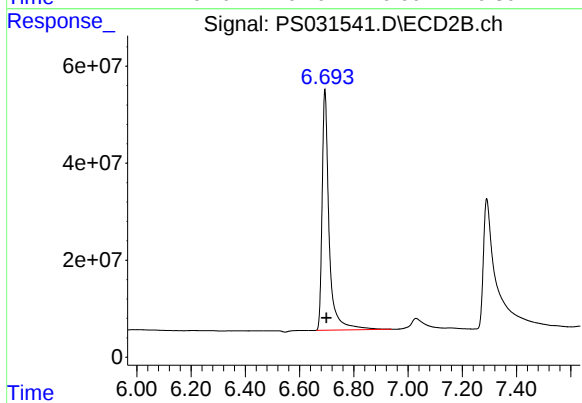
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 1471846223
Conc: 553.12 ng/ml



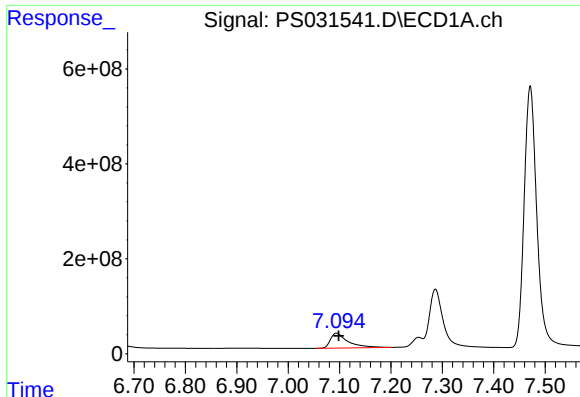
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 3241224930
Conc: 686.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 892811186
Conc: 660.40 ng/ml



#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 759763114
Conc: 736.43 ng/ml

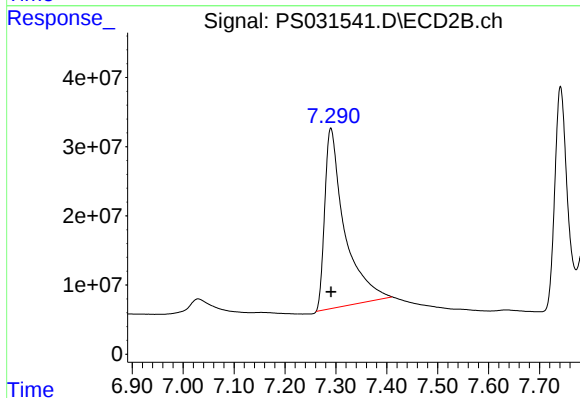
Instrument :

ECD_S

ClientSampleId :
HSTDCCC750

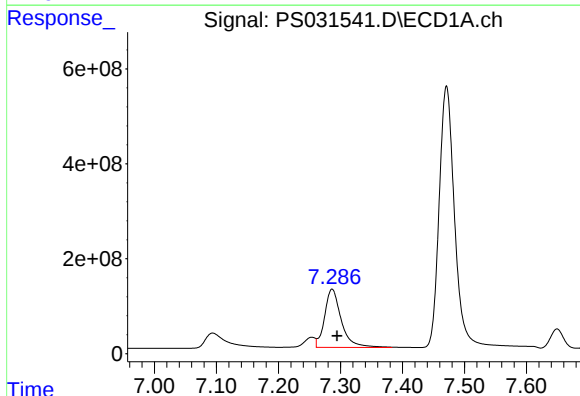
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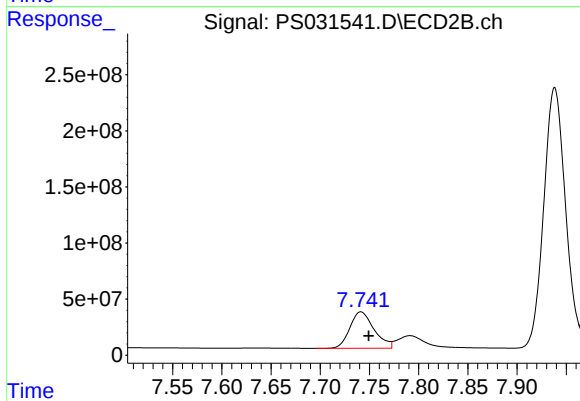
#3 4-Nitrophenol

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 709940858
Conc: 564.84 ng/ml



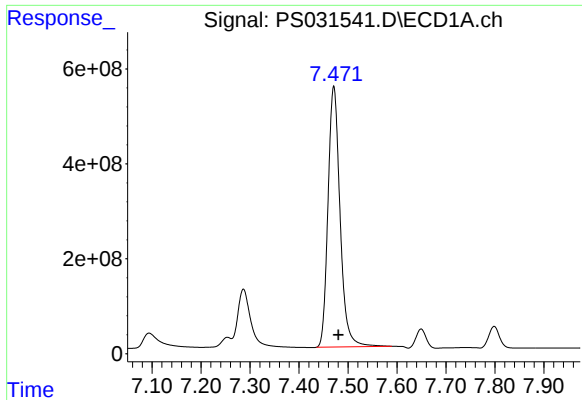
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 2283719142
Conc: 719.51 ng/ml m



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 556967973
Conc: 658.87 ng/ml



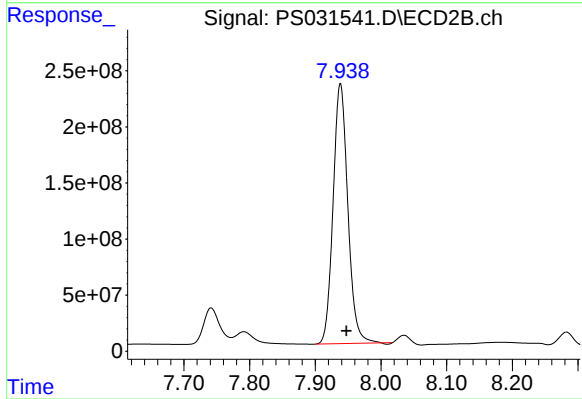
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 9391881712
Conc: 672.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

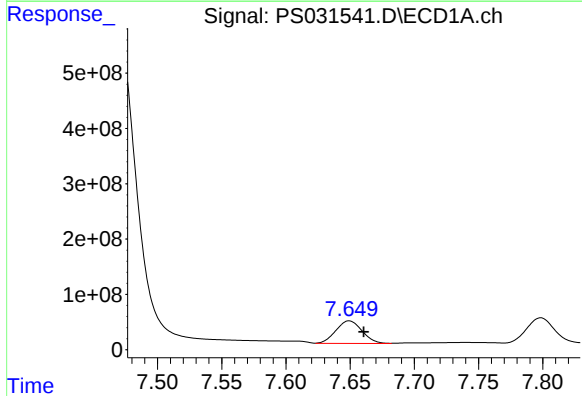
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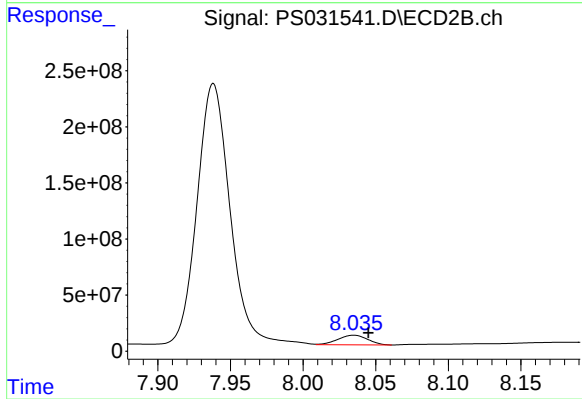
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 3607511530
Conc: 634.82 ng/ml



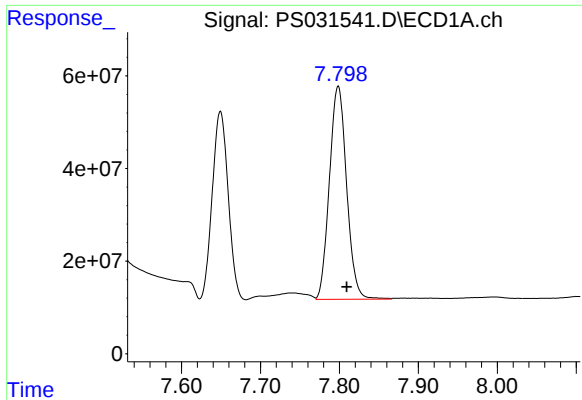
#6 MCP

R.T.: 7.649 min
Delta R.T.: -0.012 min
Response: 579680758
Conc: 72.06 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 122518191
Conc: 69.30 ug/ml m



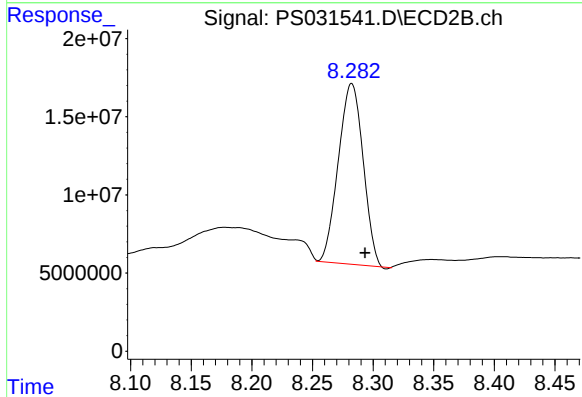
#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 697550713
Conc: 70.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

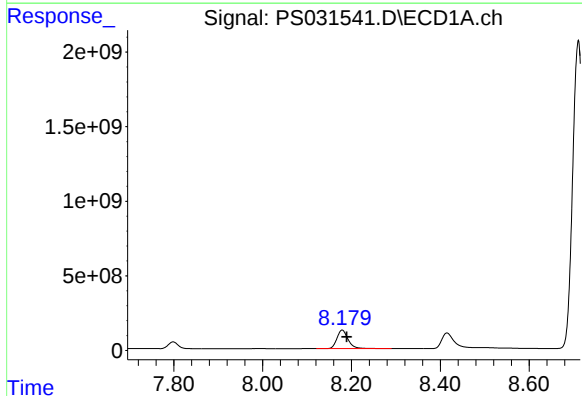
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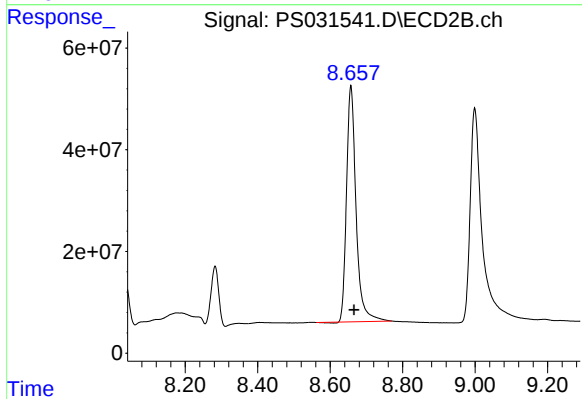
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 164488695
Conc: 58.63 ug/ml



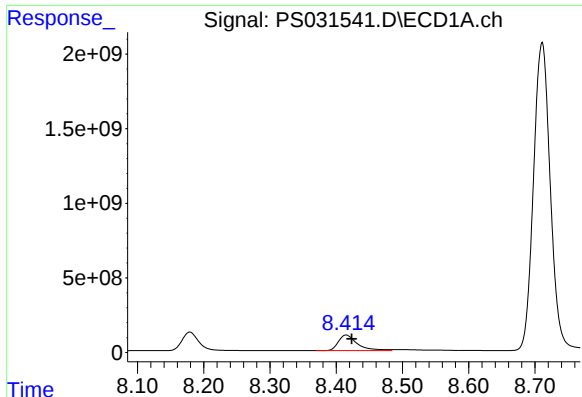
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 2163055198
Conc: 681.83 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 847904457
Conc: 635.12 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 2091954356
Conc: 727.18 ng/ml

Instrument :

ECD_S

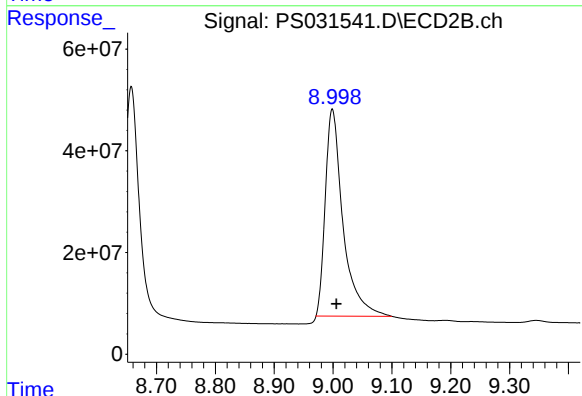
ClientSampleId :

HSTDCCC750

Manual Integrations

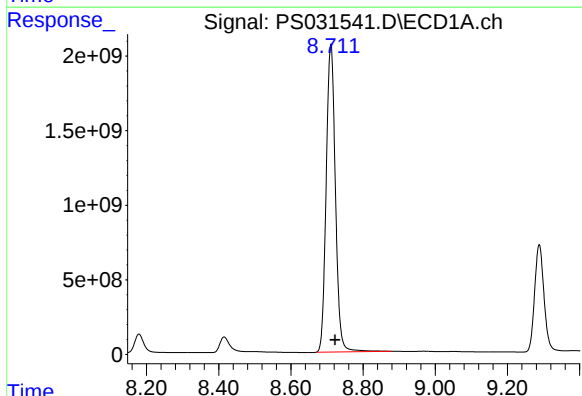
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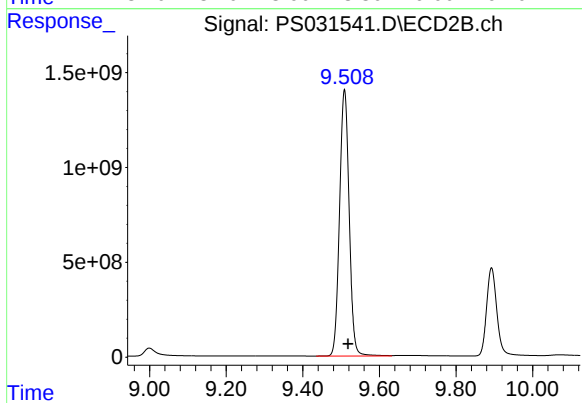
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.006 min
Response: 852556311
Conc: 597.33 ng/ml



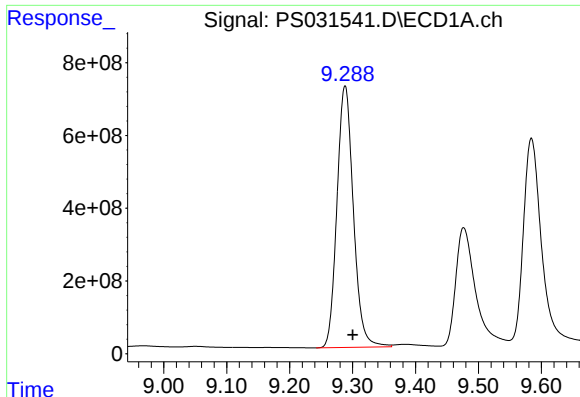
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.011 min
Response: 36499011233
Conc: 760.20 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.010 min
Response: 24457128703
Conc: 702.22 ng/ml



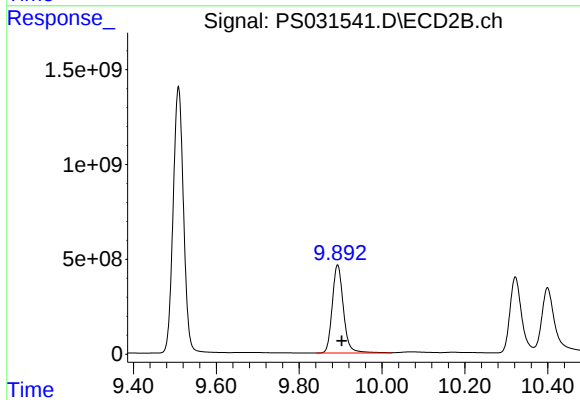
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 13027419911
Conc: 726.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

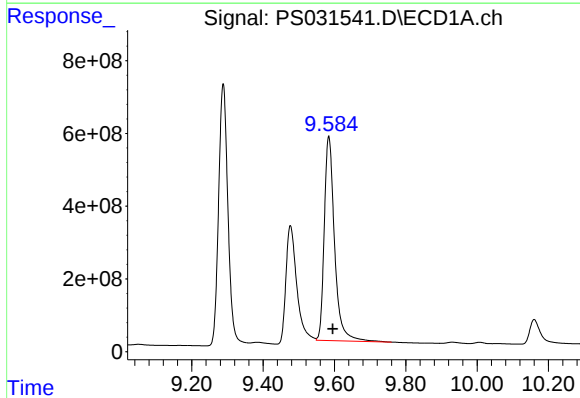
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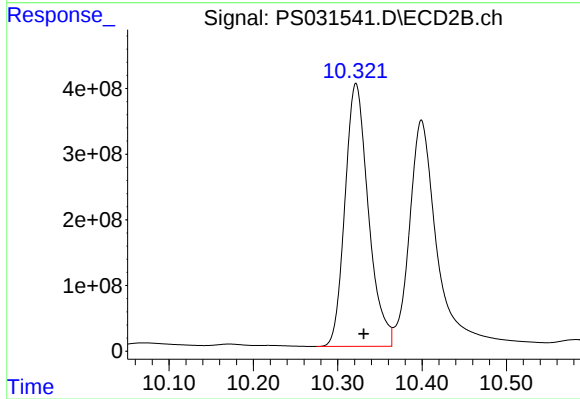
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 8689312292
Conc: 662.50 ng/ml



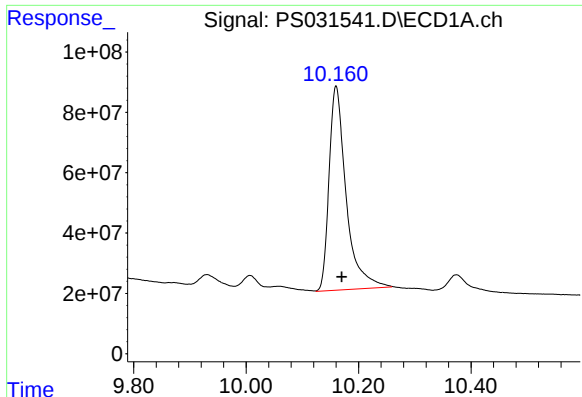
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.011 min
Response: 11245988360
Conc: 767.58 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 7722869654
Conc: 652.28 ng/ml



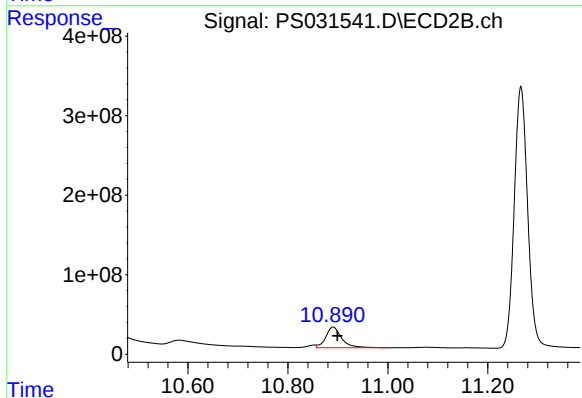
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.011 min
Response: 1427227095
Conc: 742.68 ng/ml

Instrument :
ECD_S
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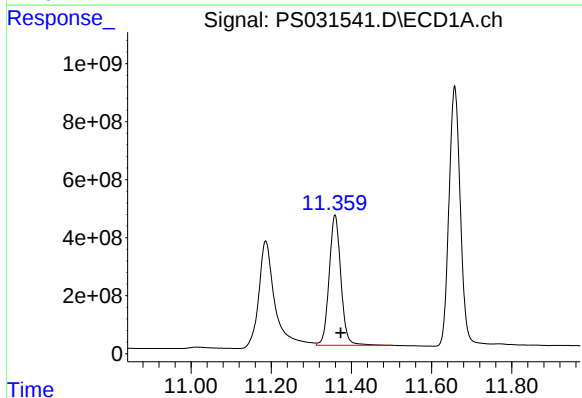
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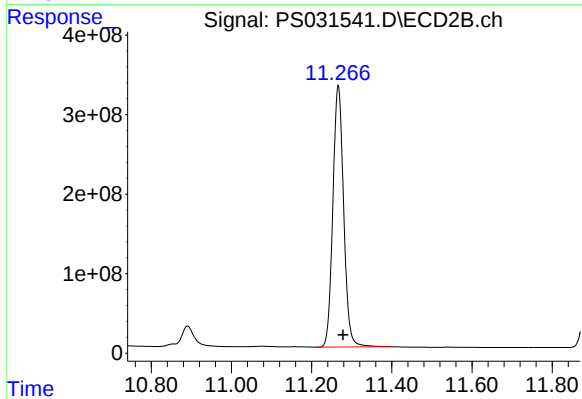
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 571623874
Conc: 592.45 ng/ml m



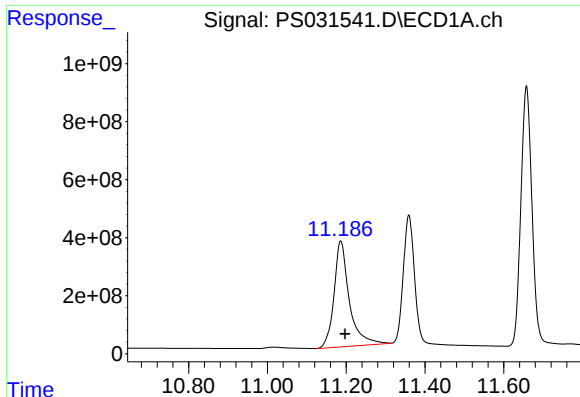
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: -0.014 min
Response: 9123483764
Conc: 719.60 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 6142591064
Conc: 649.53 ng/ml



#15 Picloram

R.T.: 11.186 min
Delta R.T.: -0.011 min
Response: 9825347928
Conc: 752.66 ng/ml

Instrument :

ECD_S

ClientSampleId :

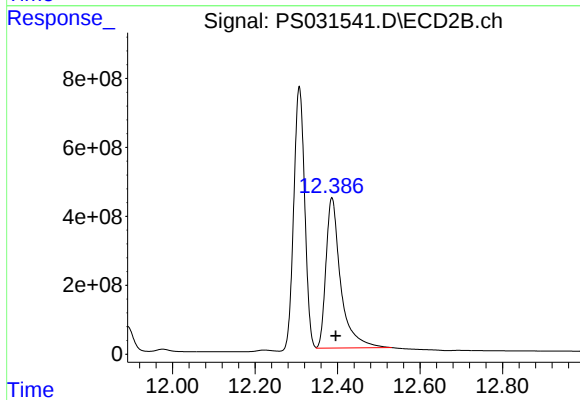
HSTDCCC750

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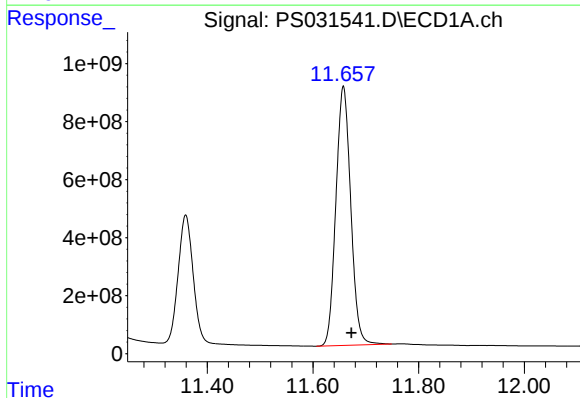
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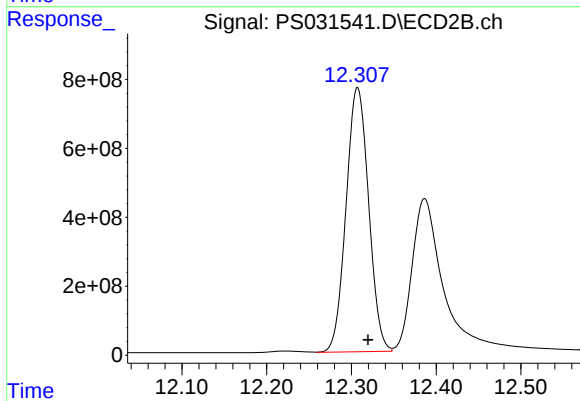
#15 Picloram

R.T.: 12.387 min
Delta R.T.: -0.009 min
Response: 10817259423
Conc: 617.08 ng/ml



#16 DCPA

R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 17399268637
Conc: 763.82 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 14201676486
Conc: 720.88 ng/ml m