

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 09:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 13:26:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.938	7.459	1745.0E6	517.6E6	709.032	734.697
Target Compounds							
1) T	Dalapon	2.448	2.520	2771.0E6	1141.8E6	676.627	657.669
2) T	3,5-DICHL...	6.142	6.457	2356.5E6	654.3E6	659.397	669.260
3) T	4-Nitroph...	6.729	6.993	1154.1E6	496.8E6	647.176	648.693
5) T	DICAMBA	7.115	7.645	6737.1E6	2806.7E6	680.318	710.539
6) T	MCP	7.293	7.753	431.4E6	116.4E6	66.945	66.573
7) T	MCPA	7.436	7.983	585.6E6	164.8E6	66.310	69.657
8) T	DICHLORPROP	7.794	8.338	1673.4E6	691.3E6	660.364	688.615
9) T	2,4-D	8.015	8.651	1921.0E6	769.6E6	682.925	682.800
10) T	Pentachlo...	8.293	9.152	24212.0E6	14728.5E6	694.052	723.945
11) T	2,4,5-TP ...	8.857	9.531	9637.1E6	5867.4E6	695.176	717.135
12) T	2,4,5-T	9.139	9.935	9768.0E6	5468.9E6	695.079	704.521
13) T	2,4-DB	9.698	10.493	1579.0E6	535.4E6	690.907	665.240
14) T	DINOSEB	10.860	10.867	6883.8E6	4005.8E6	676.648	686.979
15) T	Picloram	10.679	11.904	12676.1E6	7539.8E6	691.524	613.805m
16) T	DCPA	11.161	11.901	12001.6E6	8871.3E6	705.107	787.047m

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

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Acq On : 06 May 2025 09:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

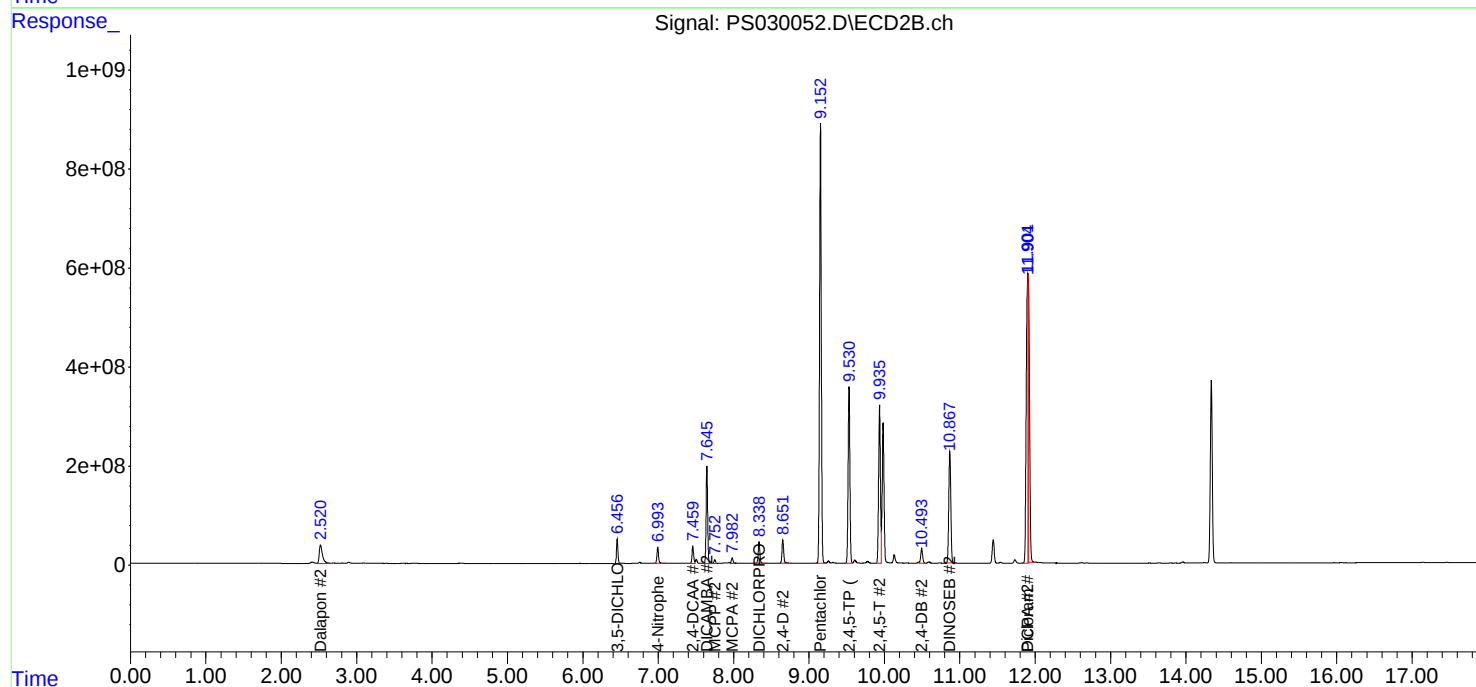
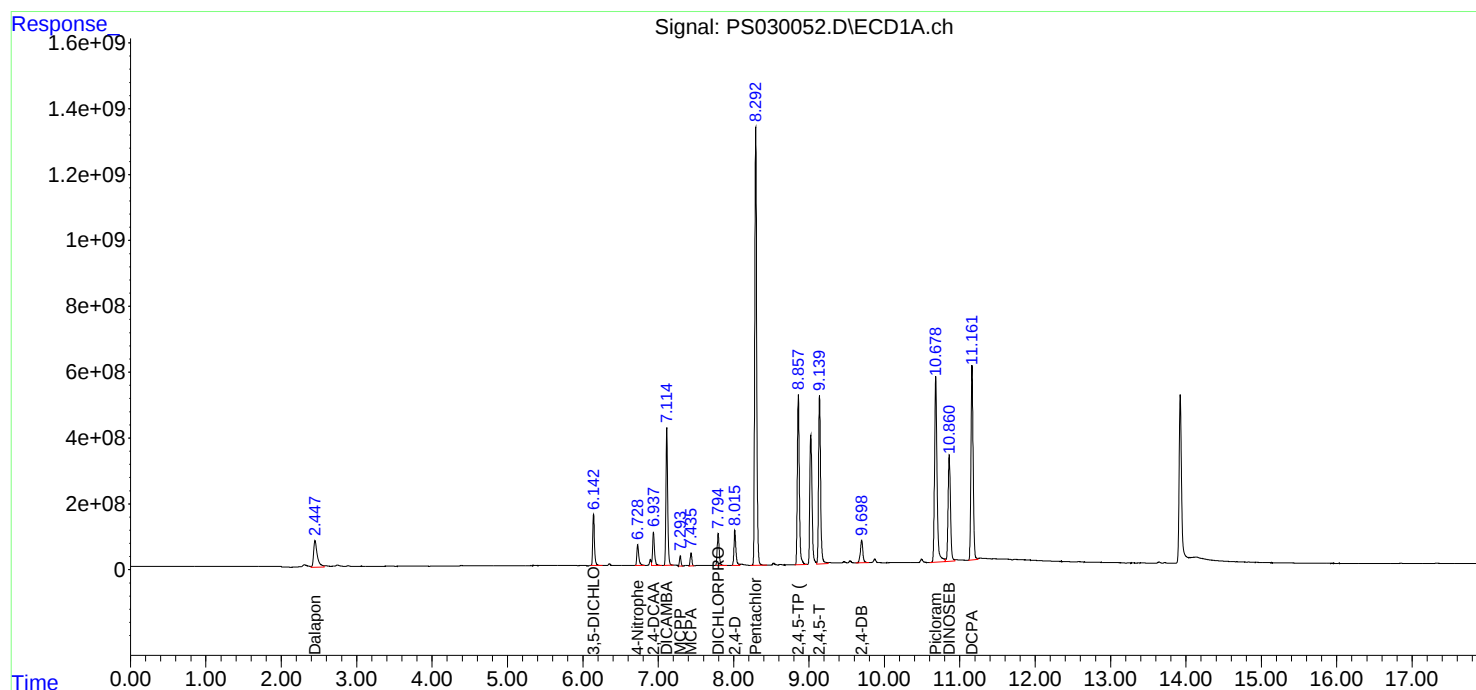
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

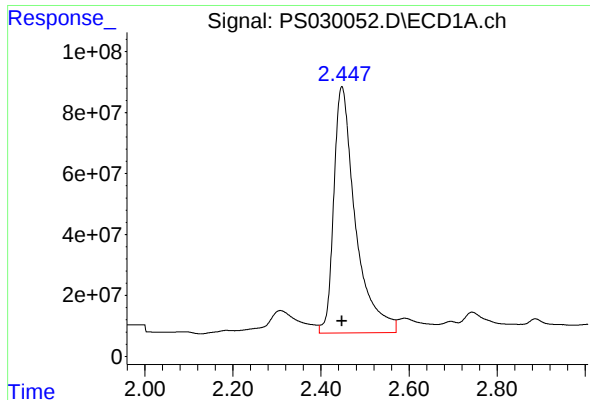
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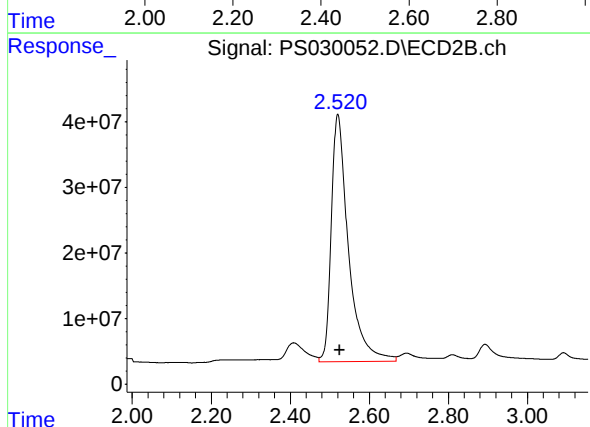
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2770961439
Conc: 676.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

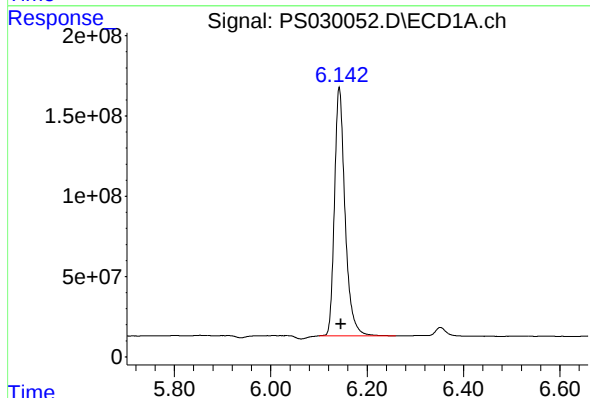
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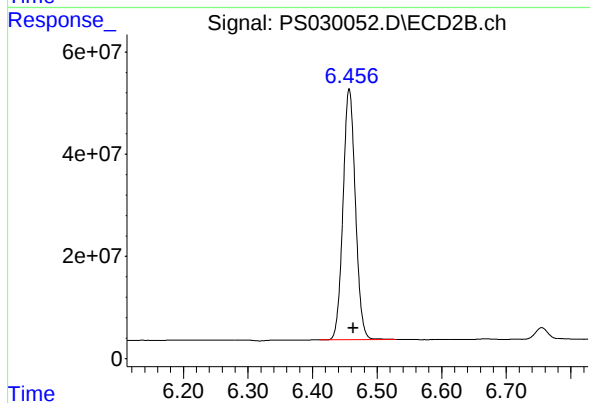
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: -0.004 min
Response: 1141808678
Conc: 657.67 ng/ml



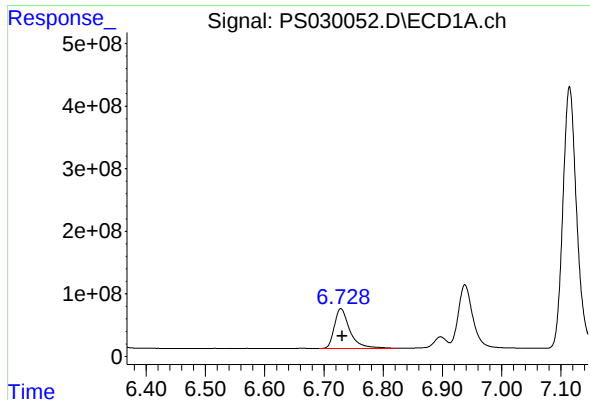
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 2356542469
Conc: 659.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.006 min
Response: 654254883
Conc: 669.26 ng/ml



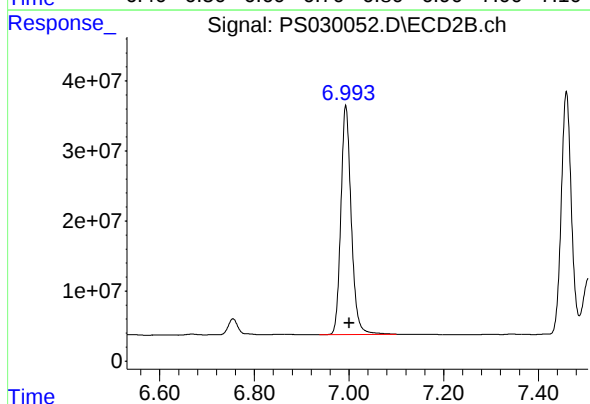
#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 1154121720
Conc: 647.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

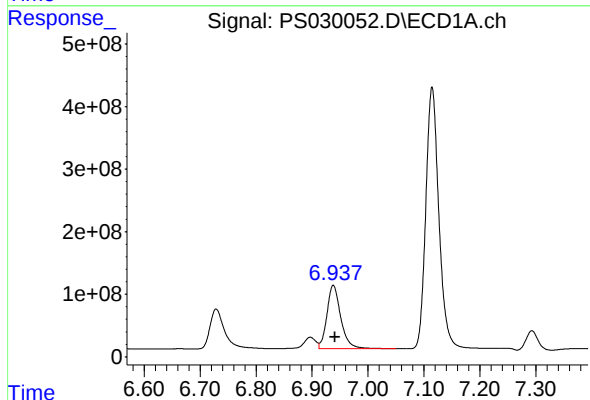
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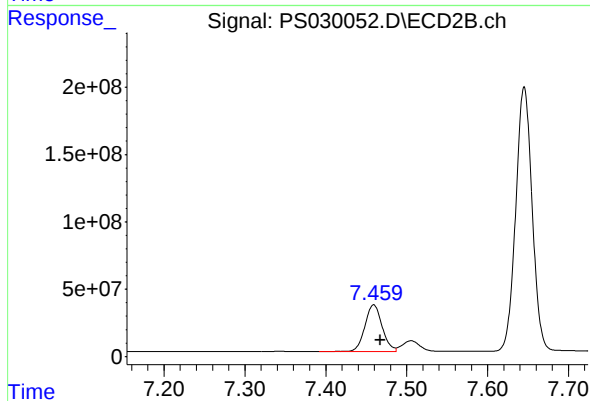
#3 4-Nitrophenol

R.T.: 6.993 min
Delta R.T.: -0.007 min
Response: 496847896
Conc: 648.69 ng/ml



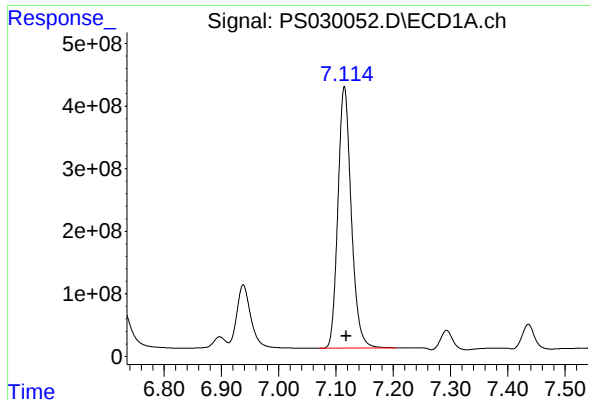
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 1744982725
Conc: 709.03 ng/ml



#4 2,4-DCAA

R.T.: 7.459 min
Delta R.T.: -0.008 min
Response: 517606366
Conc: 734.70 ng/ml



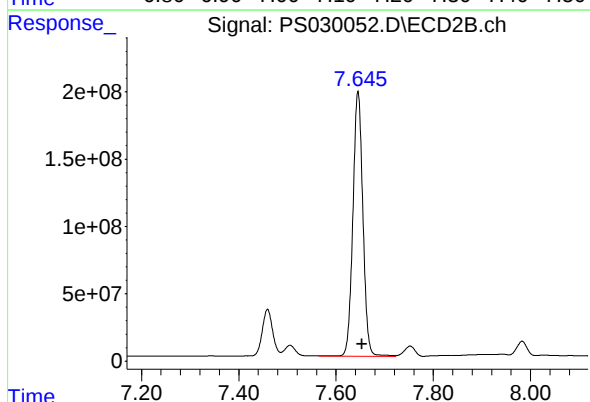
#5 DICAMBA

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 6737098262
Conc: 680.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

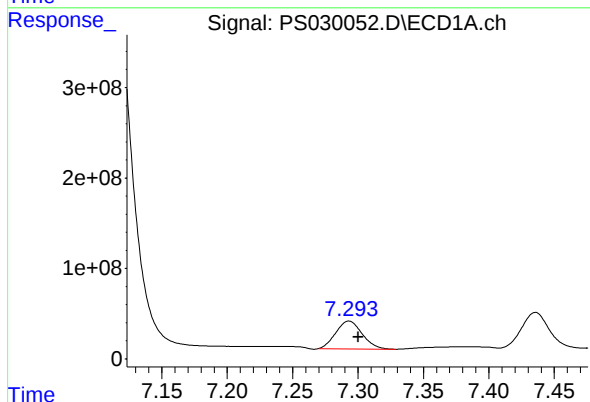
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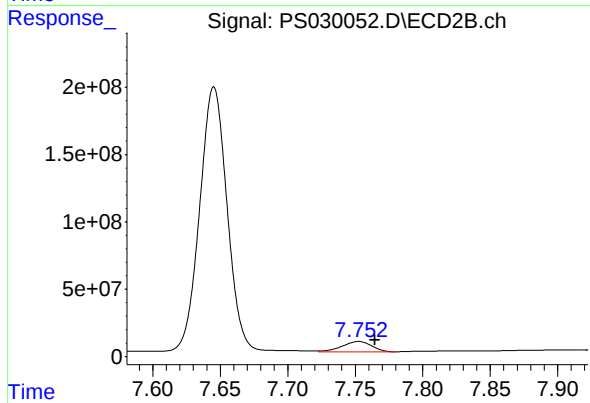
#5 DICAMBA

R.T.: 7.645 min
Delta R.T.: -0.008 min
Response: 2806674620
Conc: 710.54 ng/ml



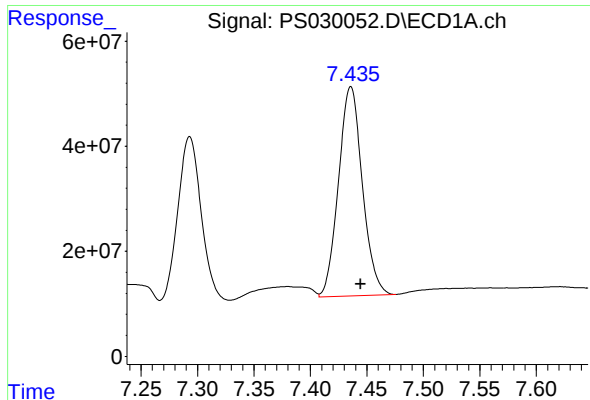
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.007 min
Response: 431368140
Conc: 66.94 ug/ml



#6 MCPP

R.T.: 7.753 min
Delta R.T.: -0.012 min
Response: 116432234
Conc: 66.57 ug/ml



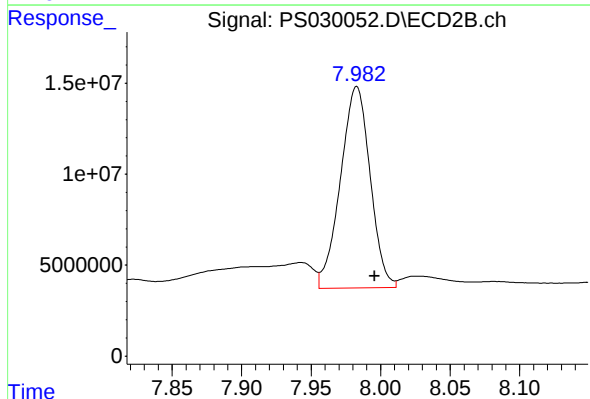
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.009 min
Response: 585604633
Conc: 66.31 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

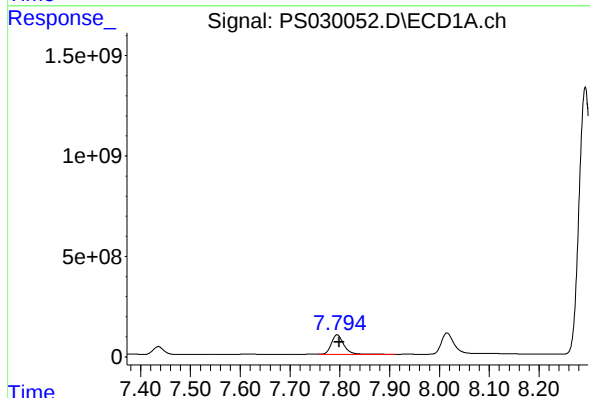
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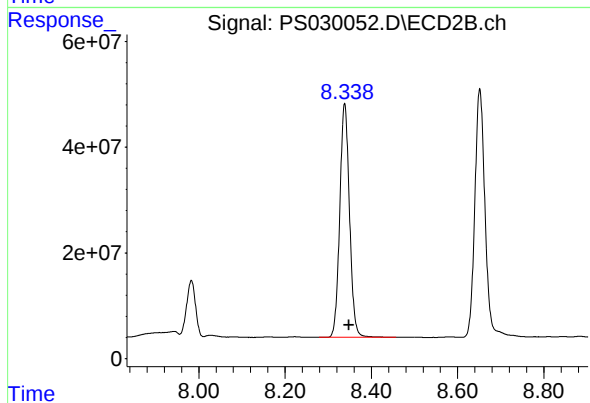
#7 MCPA

R.T.: 7.983 min
Delta R.T.: -0.013 min
Response: 164794389
Conc: 69.66 ug/ml



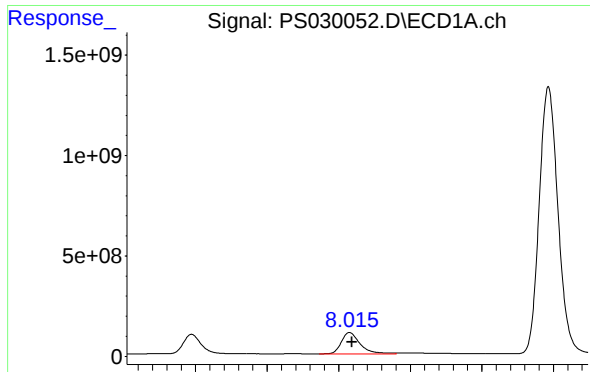
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1673432697
Conc: 660.36 ng/ml



#8 DICHLORPROP

R.T.: 8.338 min
Delta R.T.: -0.010 min
Response: 691345216
Conc: 688.62 ng/ml



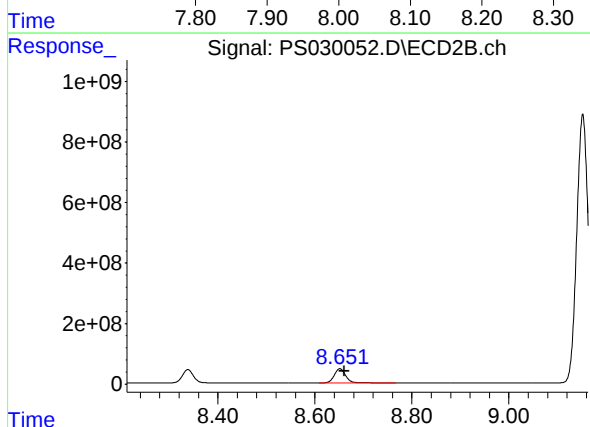
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 1920980850
Conc: 682.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

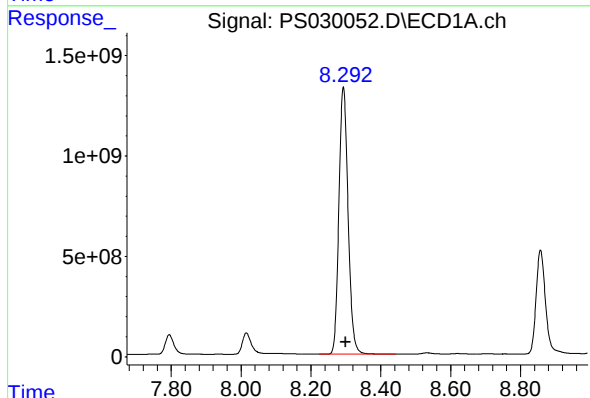
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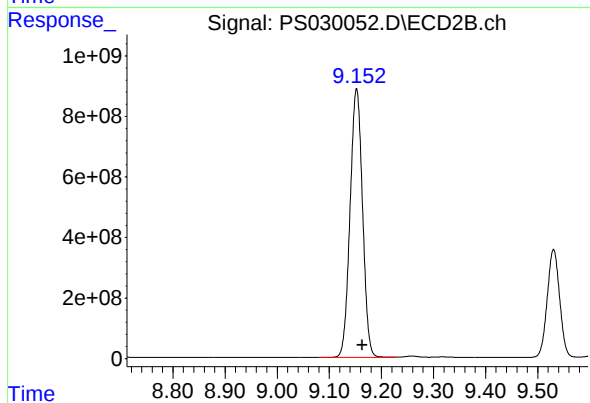
#9 2,4-D

R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 769589047
Conc: 682.80 ng/ml



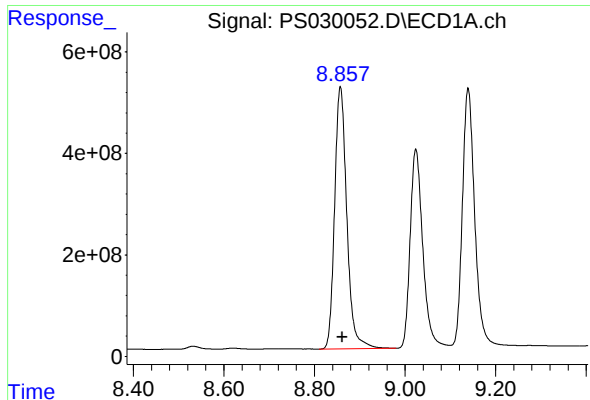
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 24211997195
Conc: 694.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.152 min
Delta R.T.: -0.011 min
Response: 14728517939
Conc: 723.94 ng/ml



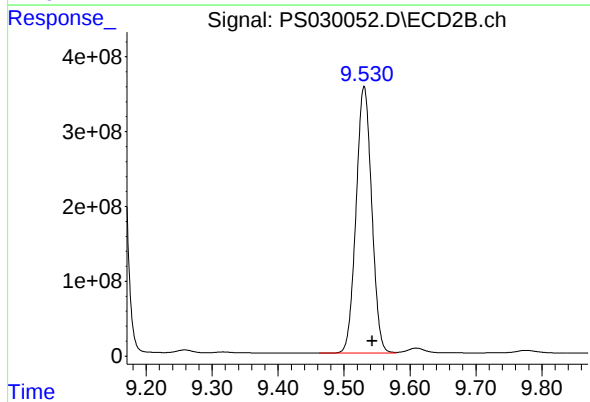
#11 2,4,5-TP (SILVEX)

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 9637117313
Conc: 695.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

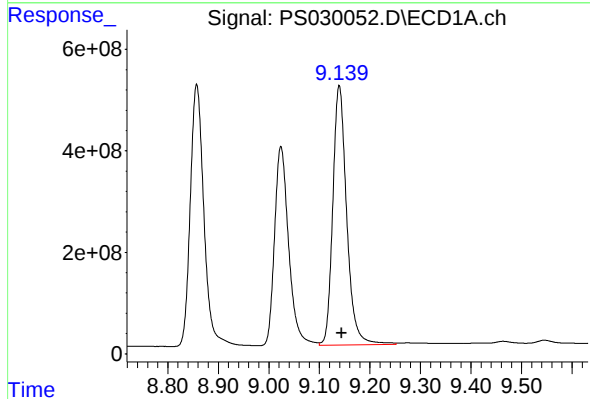
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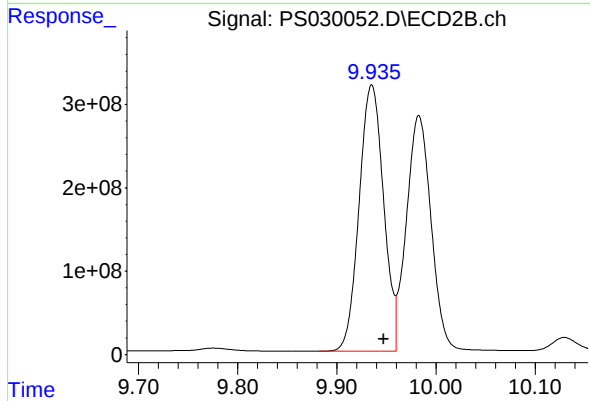
#11 2,4,5-TP (SILVEX)

R.T.: 9.531 min
Delta R.T.: -0.012 min
Response: 5867419417
Conc: 717.13 ng/ml



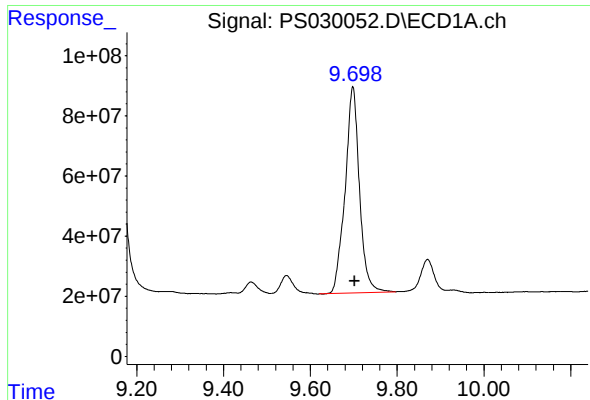
#12 2,4,5-T

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 9768012540
Conc: 695.08 ng/ml



#12 2,4,5-T

R.T.: 9.935 min
Delta R.T.: -0.012 min
Response: 5468917714
Conc: 704.52 ng/ml



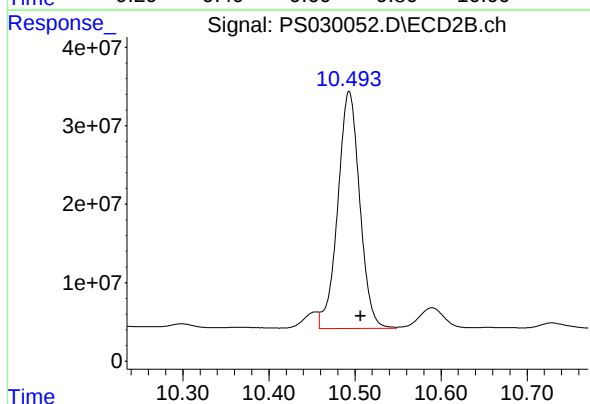
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1578967772
Conc: 690.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

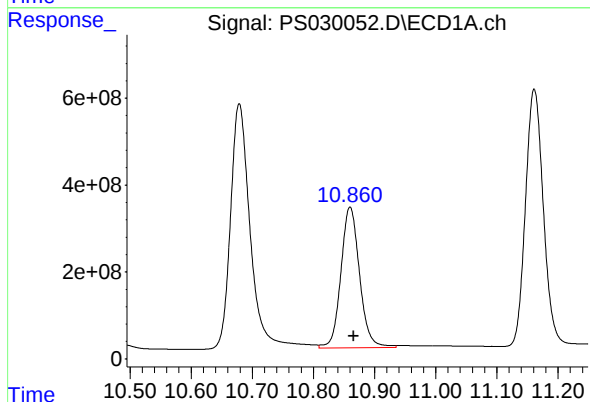
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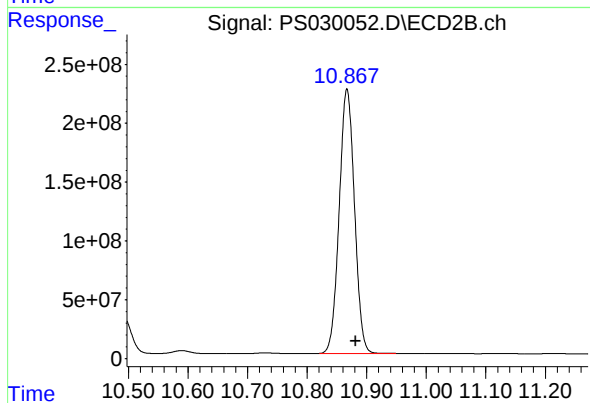
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.013 min
Response: 535413554
Conc: 665.24 ng/ml



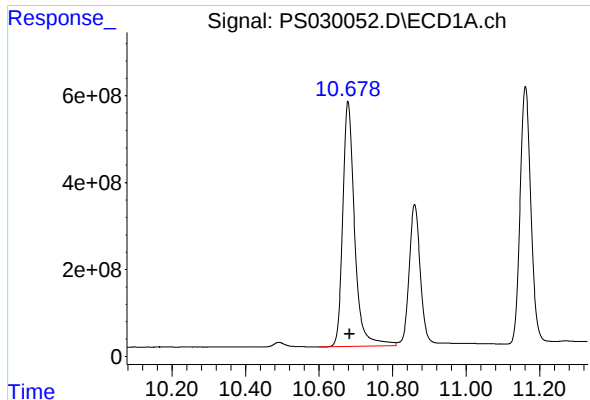
#14 DINOSEB

R.T.: 10.860 min
Delta R.T.: -0.006 min
Response: 6883828788
Conc: 676.65 ng/ml



#14 DINOSEB

R.T.: 10.867 min
Delta R.T.: -0.014 min
Response: 4005759217
Conc: 686.98 ng/ml



#15 Picloram

R.T.: 10.679 min
Delta R.T.: -0.005 min
Response: 12676070252
Conc: 691.52 ng/ml

Instrument :

ECD_S

ClientSampleId :

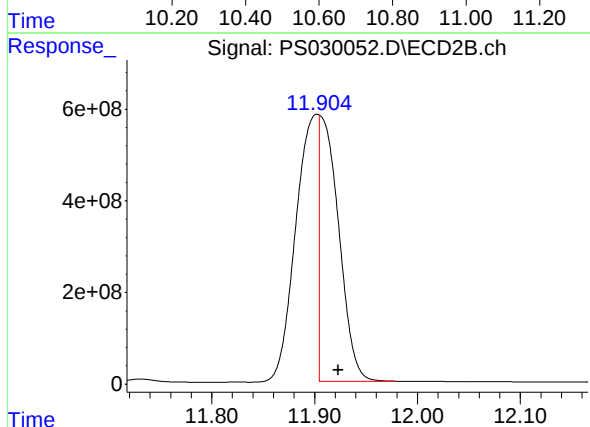
HSTDCCC750

Manual Integrations

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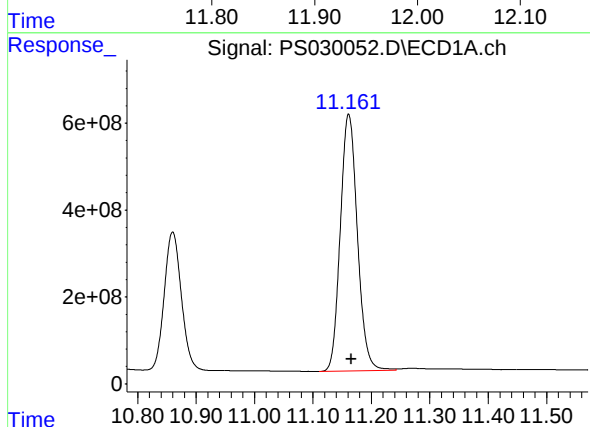
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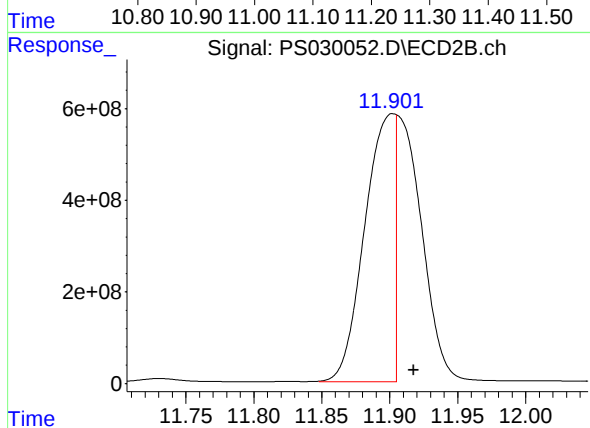
#15 Picloram

R.T.: 11.904 min
Delta R.T.: -0.019 min
Response: 7539754998
Conc: 613.80 ng/ml m



#16 DCPA

R.T.: 11.161 min
Delta R.T.: -0.005 min
Response: 12001628135
Conc: 705.11 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 8871316988
Conc: 787.05 ng/ml m