

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092625\
 Data File : PS031857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2025 12:47
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/29/2025
 Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 02:08:11 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	7.280	7.739	2509.0E6	646.0E6	696.638	710.702
Target Compounds							
1) T	Dalapon	2.670	2.692	3423.3E6	1676.3E6	592.198	594.934
2) T	3,5-DICHL...	6.449	6.692	3455.6E6	947.3E6	647.923	621.220
3) T	4-Nitroph...	7.085	7.287	761.7E6	748.7E6	690.462	592.932
5) T	DICAMBA	7.467	7.938	10784.6E6	4517.4E6	691.463	694.260
6) T	MCPD	7.646	8.036	617.6E6	108.5E6	69.089	57.617
7) T	MCPA	7.795	8.283	728.9E6	173.7E6	65.608	62.010
8) T	DICHLORPROP	8.173	8.655	2356.3E6	978.8E6	661.549	672.705
9) T	2,4-D	8.406	8.995	2299.8E6	1036.9E6	671.355	630.283
10) T	Pentachlo...	8.706	9.507	37759.5E6	25873.9E6	711.183	651.892
11) T	2,4,5-TP ...	9.283	9.890	13934.0E6	9950.8E6	664.356	660.996
12) T	2,4,5-T	9.576	10.318	12115.2E6	8841.6E6	662.098	657.026
13) T	2,4-DB	10.150	10.886	1802.0E6	698.5E6	772.490	652.766
14) T	DINOSEB	11.351	11.265	9269.0E6	6641.5E6	642.669	683.238
15) T	Picloram	11.172	12.379	13776.1E6	15349.4E6	764.866	648.111
16) T	DCPA	11.651	12.305	17083.6E6	15056.5E6	633.903	624.646m

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

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Acq On : 26 Sep 2025 12:47
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

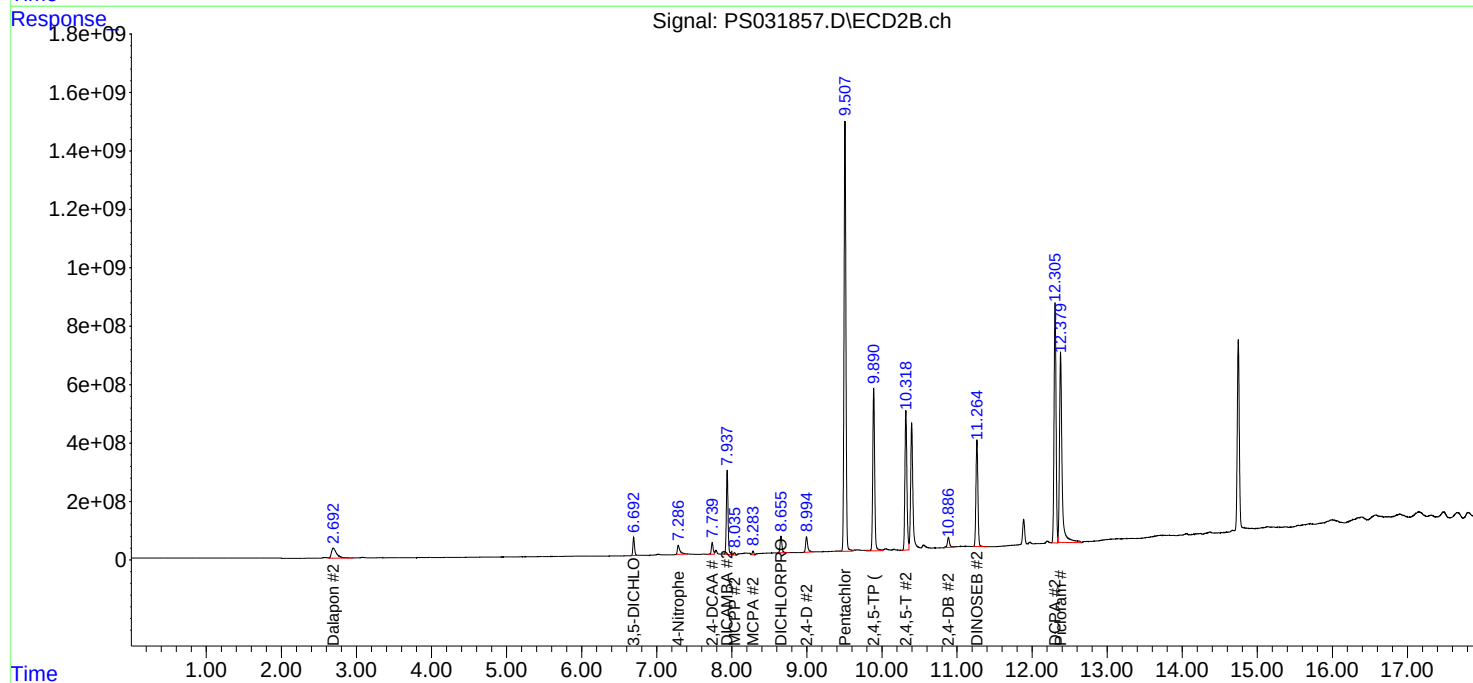
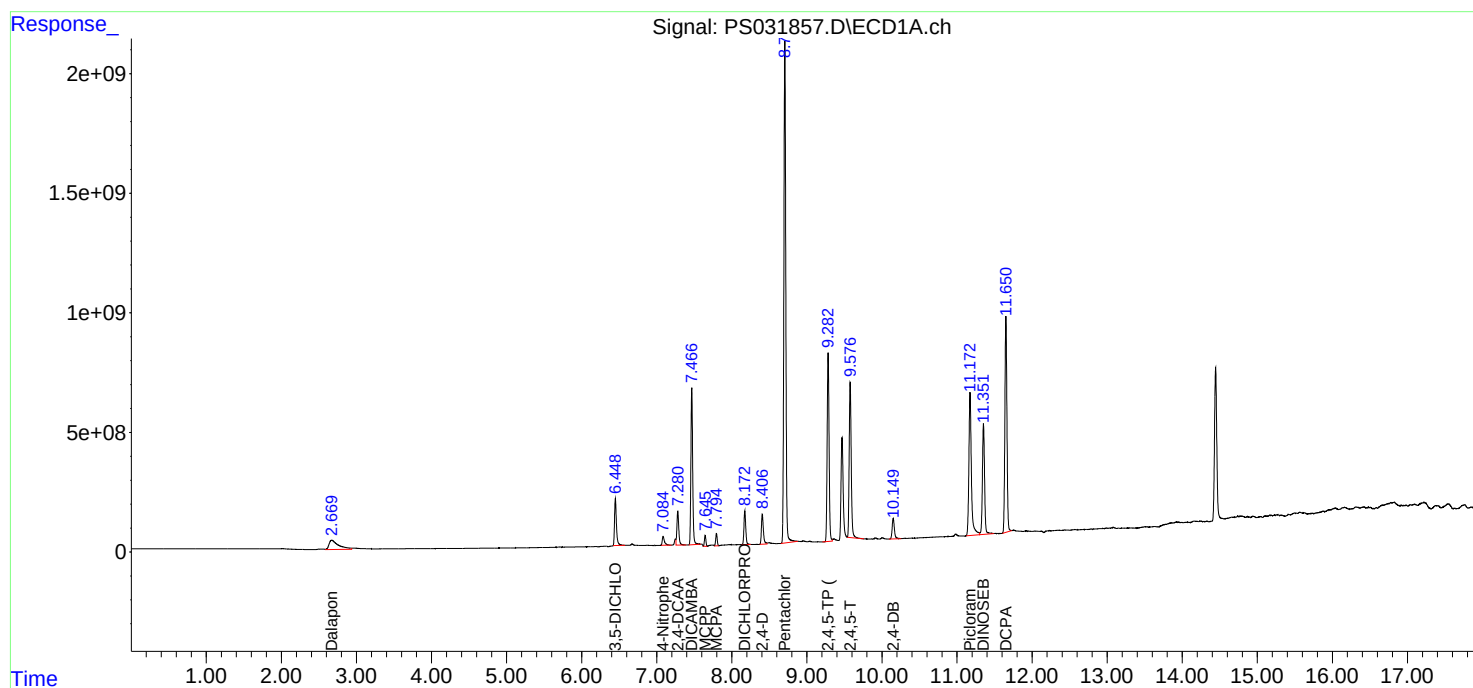
Instrument :
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HSTDCCC750

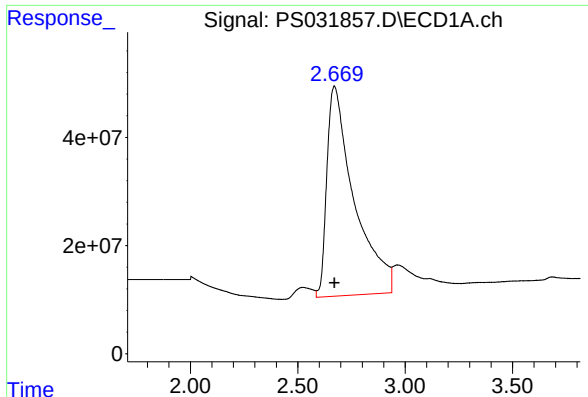
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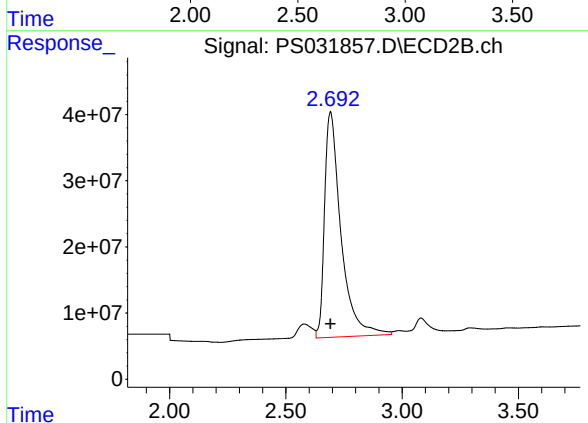
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.001 min
Response: 3423344534
Conc: 592.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

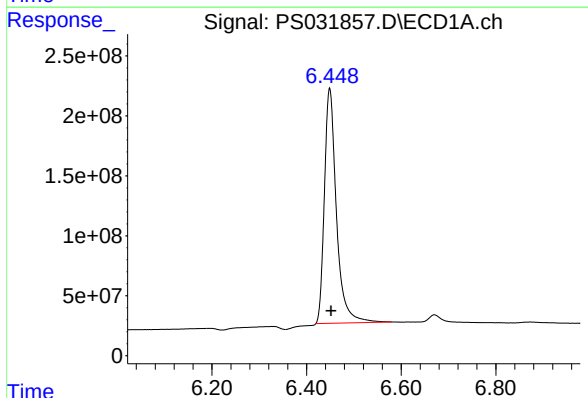
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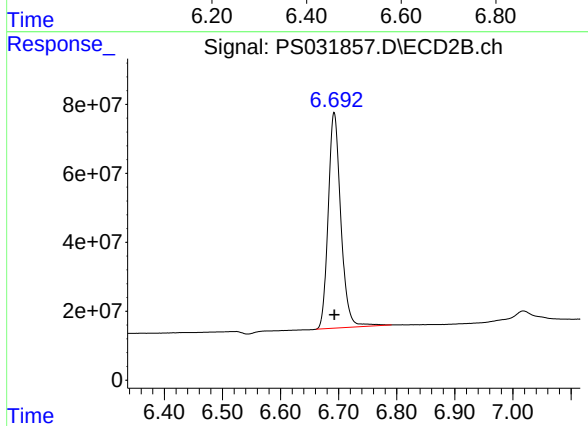
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1676303179
Conc: 594.93 ng/ml



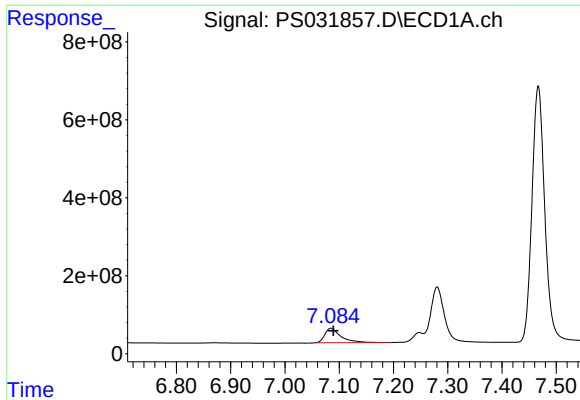
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 3455608100
Conc: 647.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 947339023
Conc: 621.22 ng/ml



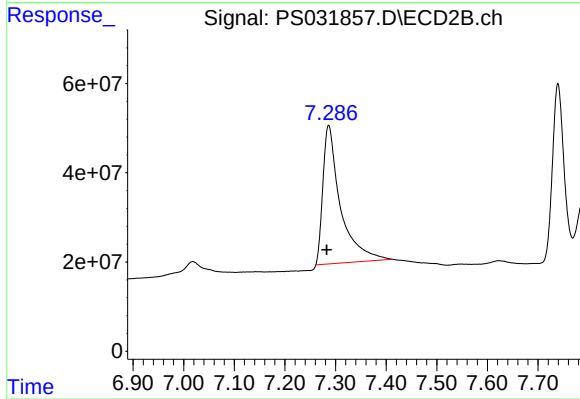
#3 4-Nitrophenol

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 761724338
Conc: 690.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

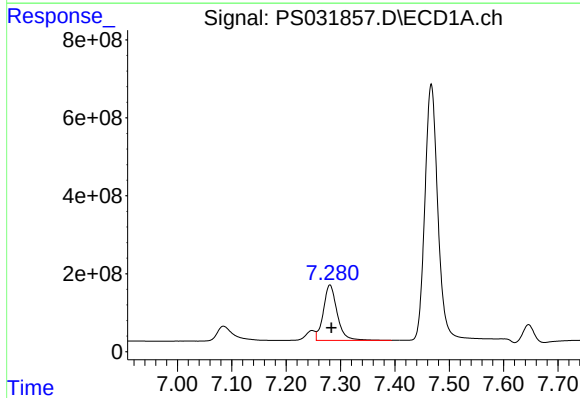
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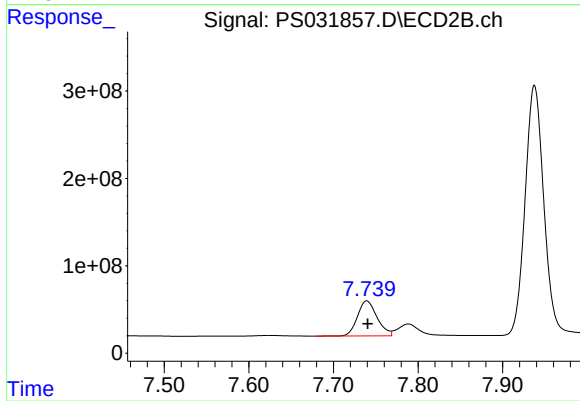
#3 4-Nitrophenol

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 748746942
Conc: 592.93 ng/ml



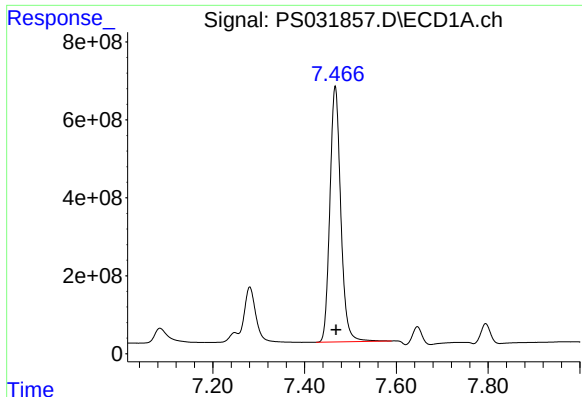
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 2508960624
Conc: 696.64 ng/ml



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.001 min
Response: 645957009
Conc: 710.70 ng/ml



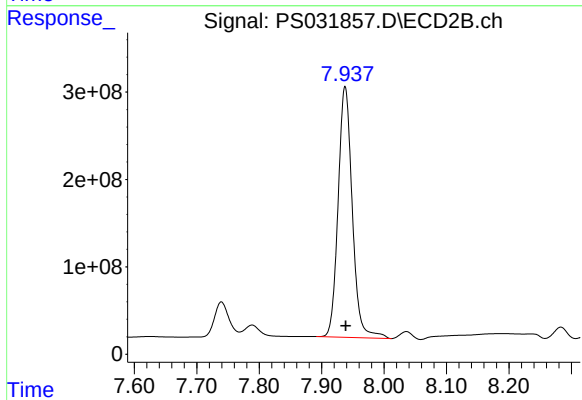
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 10784550401
Conc: 691.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

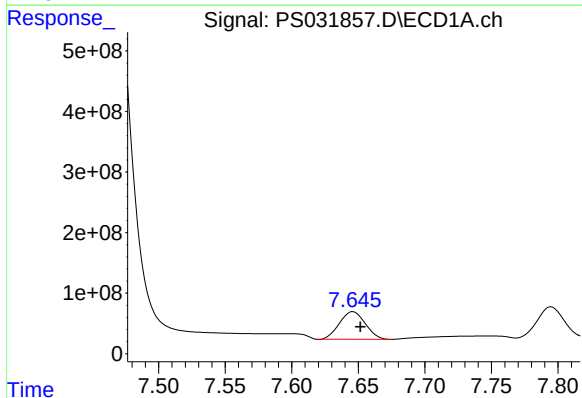
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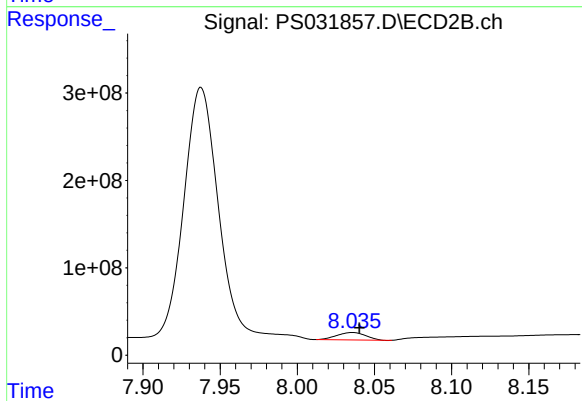
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.001 min
Response: 4517443750
Conc: 694.26 ng/ml



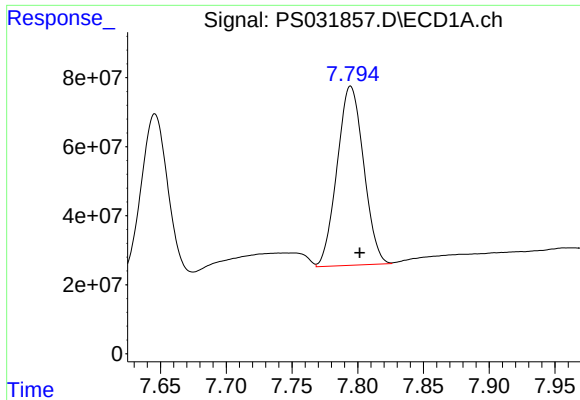
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 617605998
Conc: 69.09 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.005 min
Response: 108515235
Conc: 57.62 ug/ml



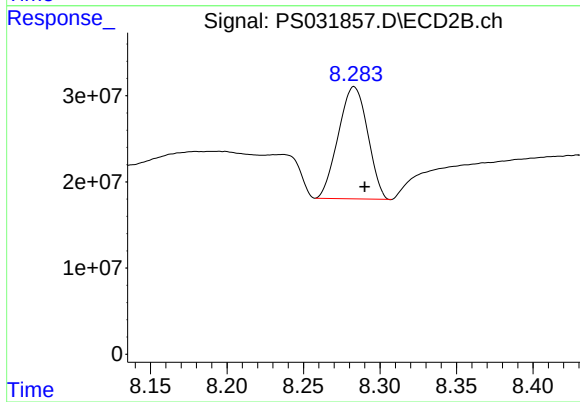
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 728929660
Conc: 65.61 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

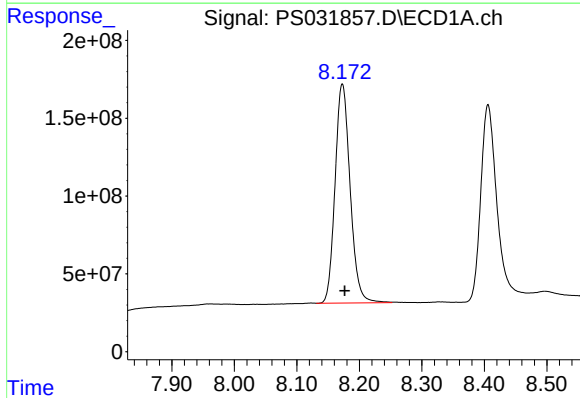
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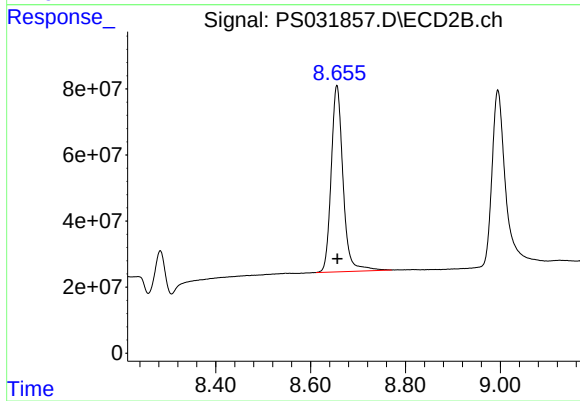
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 173703679
Conc: 62.01 ug/ml



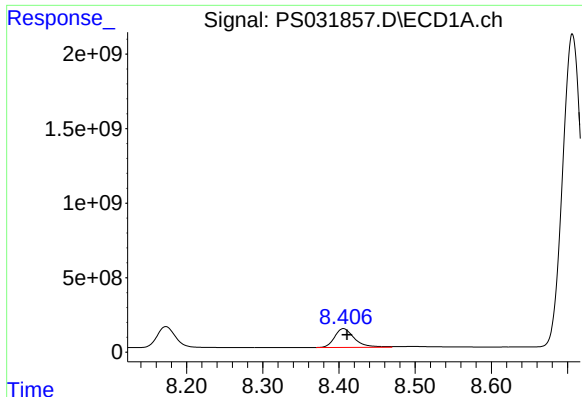
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 2356280732
Conc: 661.55 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 978825748
Conc: 672.70 ng/ml



#9 2,4-D

R.T.: 8.406 min
Delta R.T.: -0.005 min
Response: 2299821039
Conc: 671.36 ng/ml

Instrument :

ECD_S

ClientSampleId :

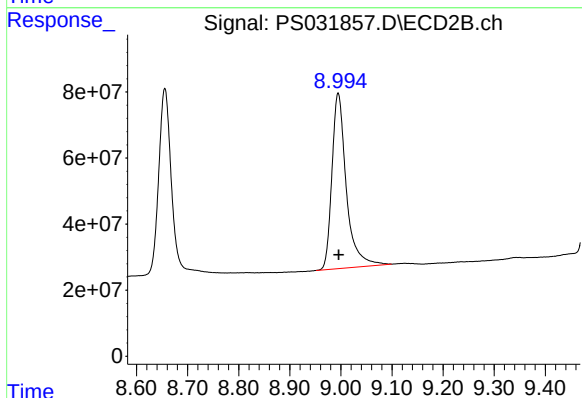
HSTDCCC750

Manual Integrations

APPROVED

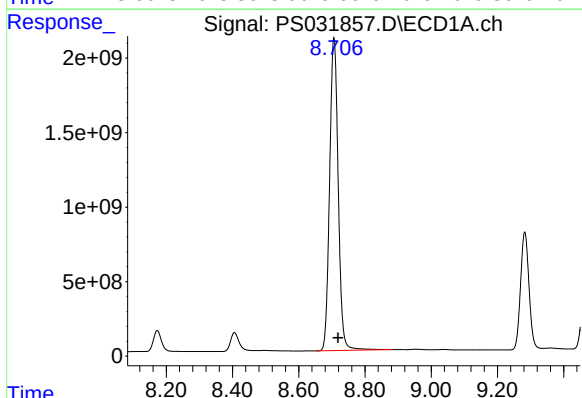
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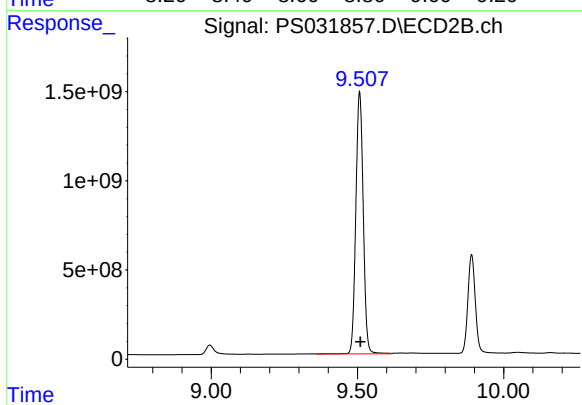
#9 2,4-D

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 1036885309
Conc: 630.28 ng/ml



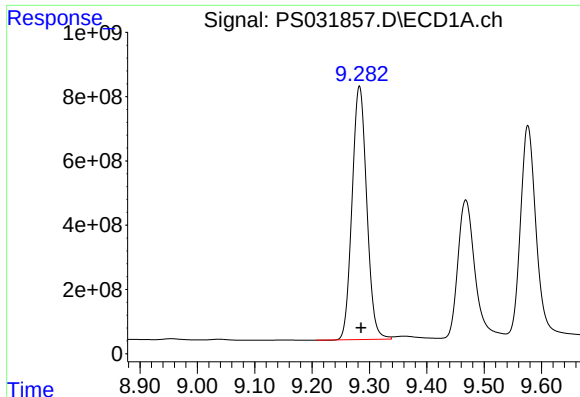
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.012 min
Response: 37759453834
Conc: 711.18 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 25873938122
Conc: 651.89 ng/ml



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

R.T.: 9.283 min
Delta R.T.: -0.003 min
Response: 13933997384
Conc: 664.36 ng/ml

Instrument :

ECD_S

ClientSampleId :

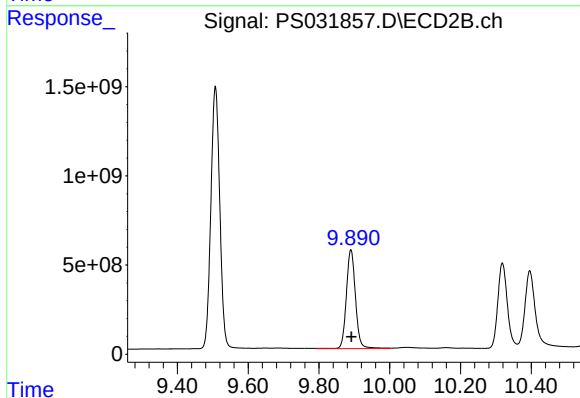
HSTDCCC750

Manual Integrations

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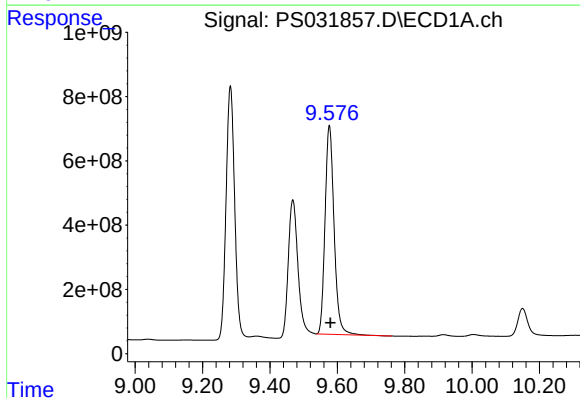
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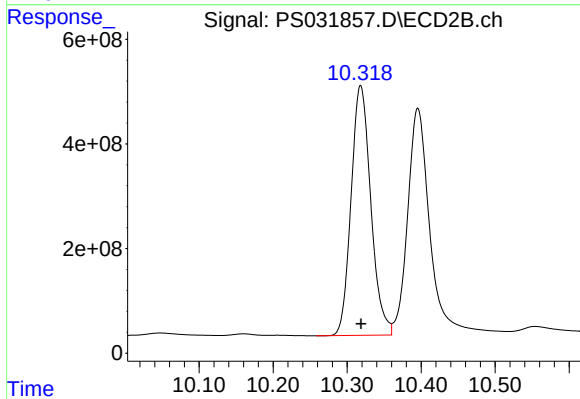
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.002 min
Response: 9950839769
Conc: 661.00 ng/ml



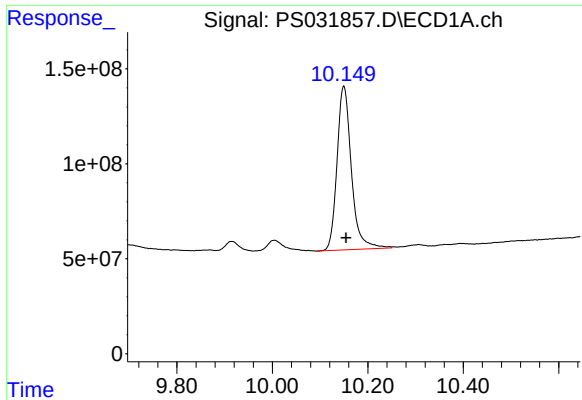
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 12115182796
Conc: 662.10 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 8841605860
Conc: 657.03 ng/ml



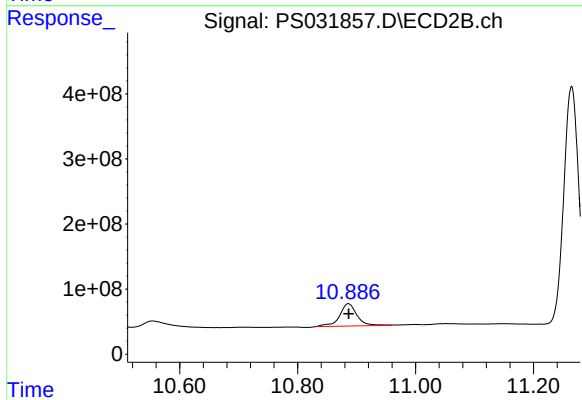
#13 2,4-DB

R.T.: 10.150 min
Delta R.T.: -0.005 min
Response: 1802038741
Conc: 772.49 ng/ml

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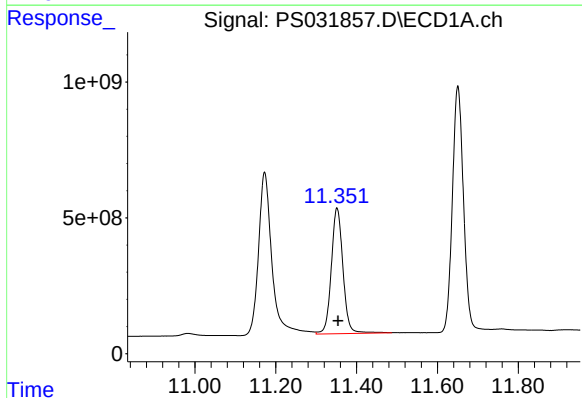
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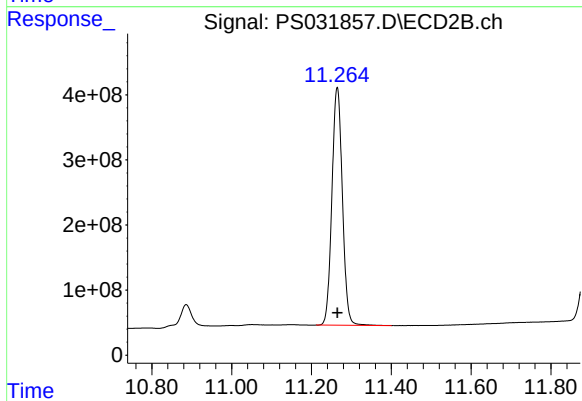
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 698488766
Conc: 652.77 ng/ml



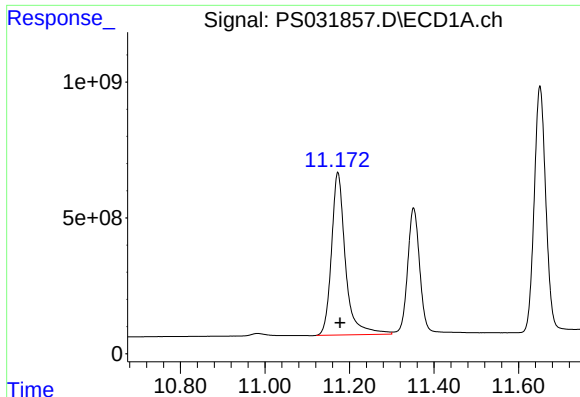
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.003 min
Response: 9269018740
Conc: 642.67 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 6641534914
Conc: 683.24 ng/ml



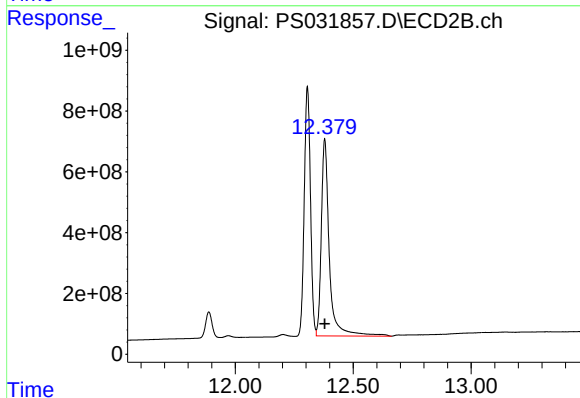
#15 Picloram

R.T.: 11.172 min
Delta R.T.: -0.005 min
Response: 13776065450
Conc: 764.87 ng/ml

Instrument :
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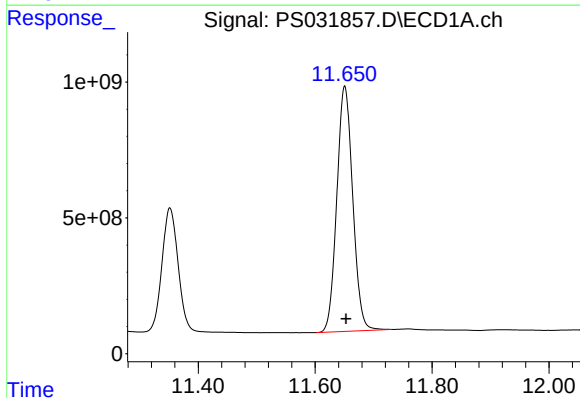
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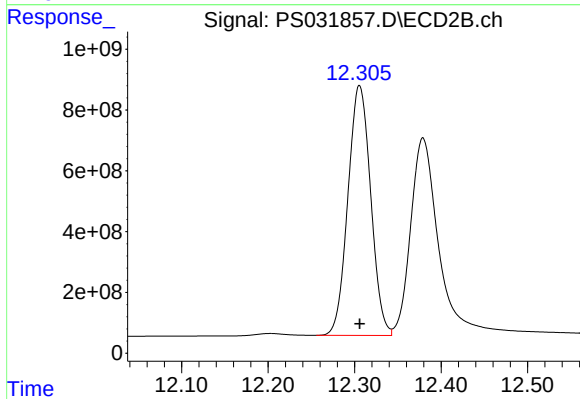
#15 Picloram

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 15349381928
Conc: 648.11 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 17083628412
Conc: 633.90 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.000 min
Response: 15056520442
Conc: 624.65 ng/ml m