

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061025\
 Data File : PS030606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 20:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/11/2025
 Supervised By :mohammad ahmed 06/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 01:38:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.358	7.769	2626.3E6	792.0E6	695.693m	736.310
Target Compounds							
1) T	Dalapon	2.716	2.711	3948.2E6	1862.7E6	699.178	679.799
2) T	3,5-DICHL...	6.516	6.714	3891.0E6	1121.1E6	717.054	716.671
3) T	4-Nitroph...	7.158	7.300	1231.6E6	1173.6E6	671.623	748.808
5) T	DICAMBA	7.550	7.972	11362.8E6	4715.4E6	736.768	732.024
6) T	MCPD	7.732	8.072	757.8E6	167.0E6	76.511m	72.224
7) T	MCPA	7.883	8.321	891.3E6	212.4E6	70.238	68.821
8) T	DICHLORPROP	8.265	8.692	2582.2E6	1057.3E6	709.767	712.385
9) T	2,4-D	8.498	9.027	2549.0E6	1139.4E6	699.567	724.667
10) T	Pentachlo...	8.807	9.554	39391.5E6	27457.3E6	775.634	759.790
11) T	2,4,5-TP ...	9.388	9.934	15187.0E6	10147.5E6	734.913	739.791
12) T	2,4,5-T	9.683	10.360	13061.9E6	9588.3E6	708.690	734.331
13) T	2,4-DB	10.262	10.927	2010.3E6	825.1E6	662.060	717.754
14) T	DINOSEB	11.483	11.313	10502.4E6	7475.7E6	730.606	743.837
15) T	Picloram	11.290	12.421	13010.7E6	15497.3E6	650.380m	701.749
16) T	DCPA	11.779	12.358	19887.4E6	15582.2E6	752.168	761.484m

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

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Acq On : 10 Jun 2025 20:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

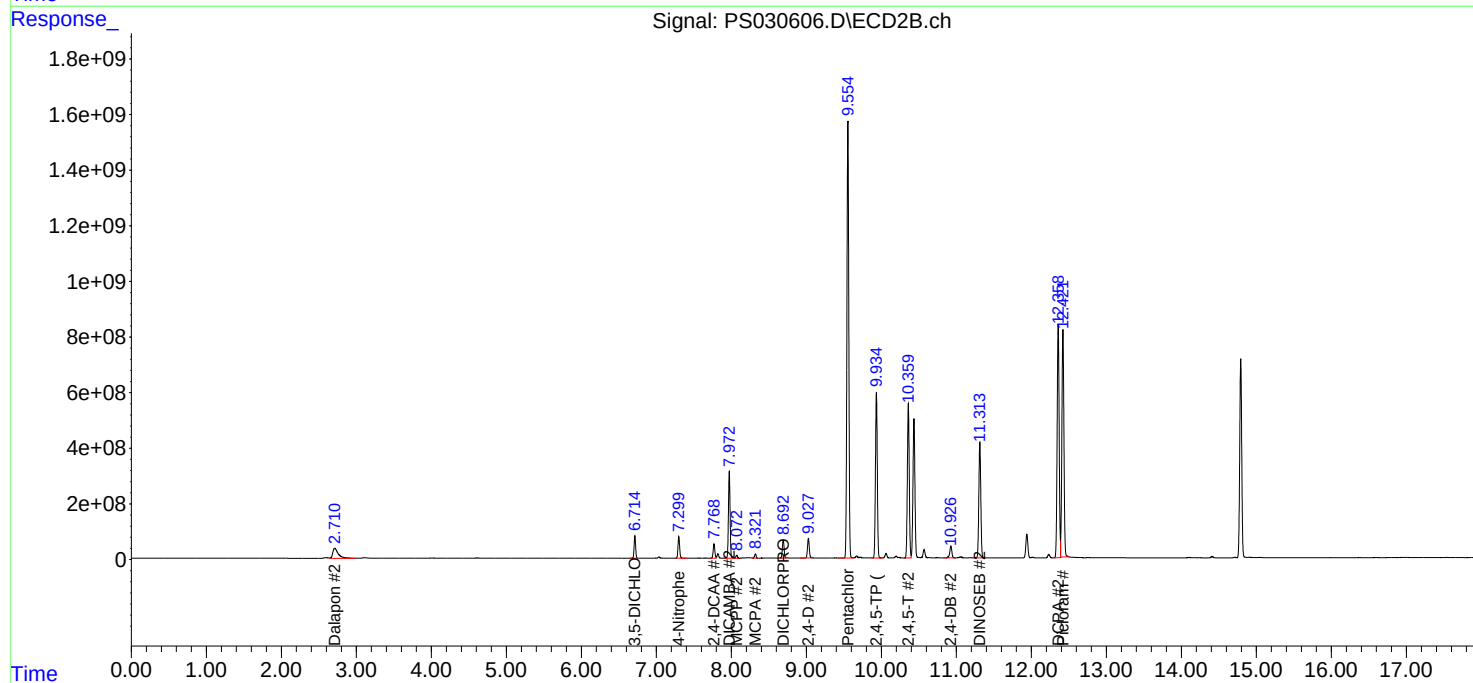
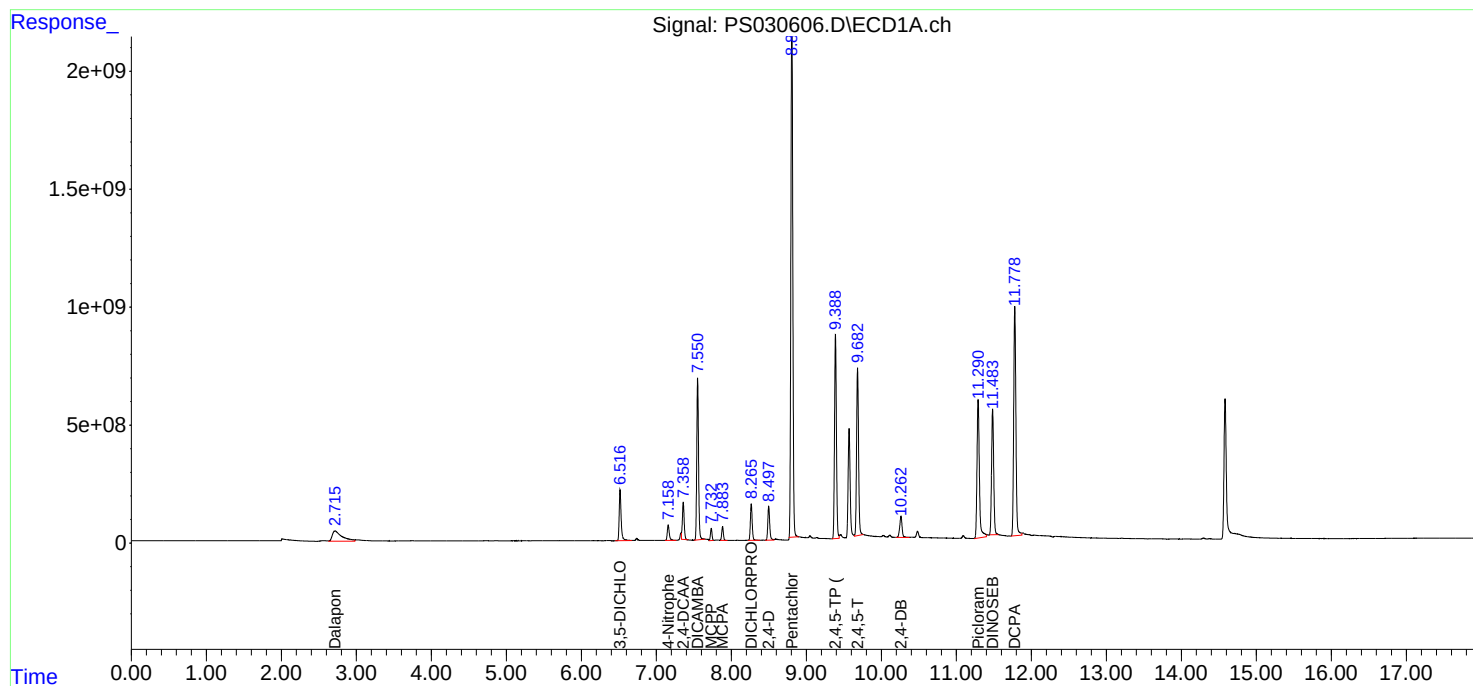
Instrument :
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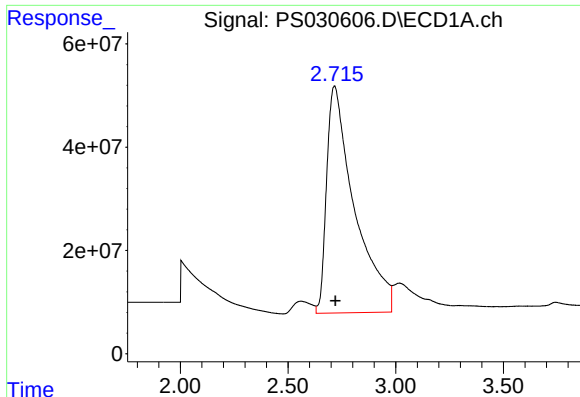
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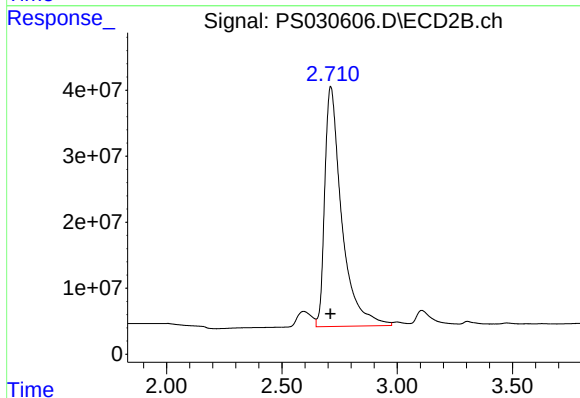
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 3948240312
Conc: 699.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

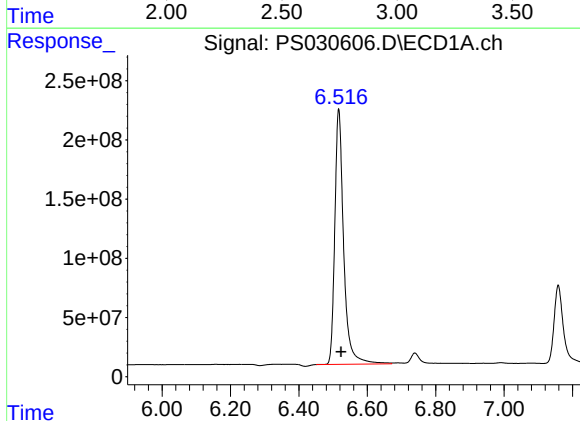
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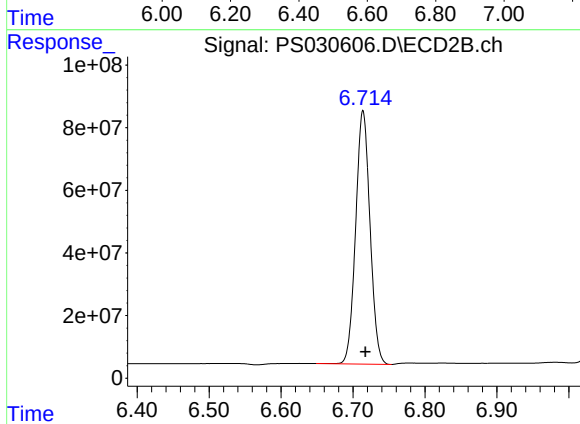
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1862659747
Conc: 679.80 ng/ml



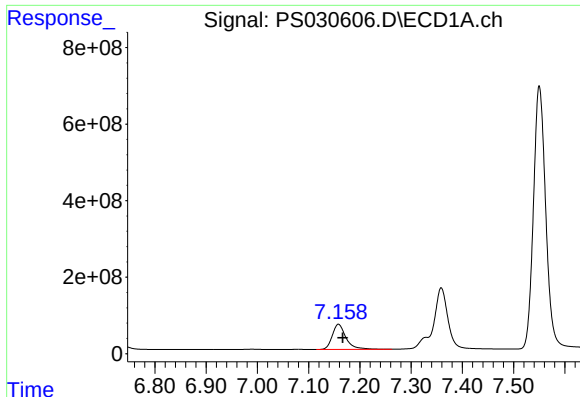
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.516 min
Delta R.T.: -0.008 min
Response: 3890985252
Conc: 717.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 1121051614
Conc: 716.67 ng/ml



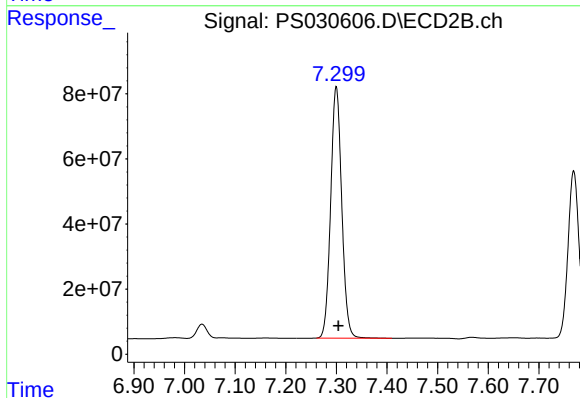
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.009 min
Response: 1231593036
Conc: 671.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

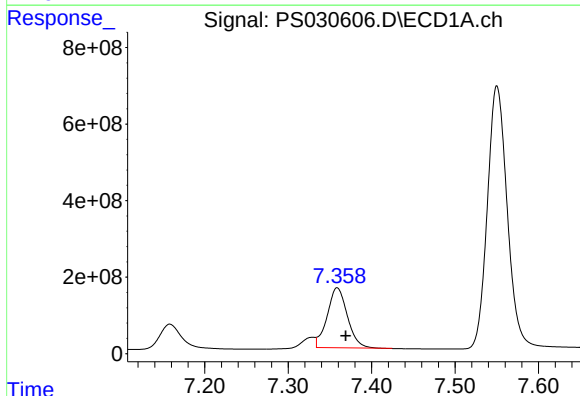
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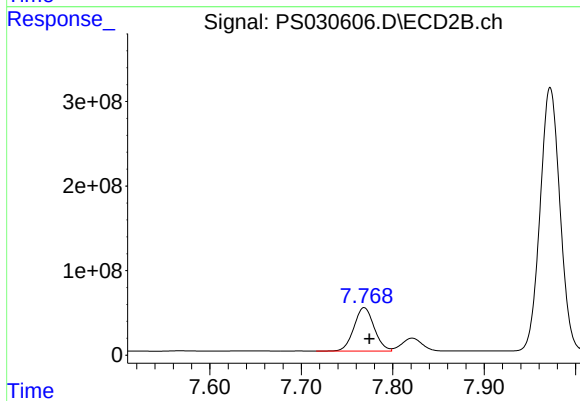
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1173563180
Conc: 748.81 ng/ml



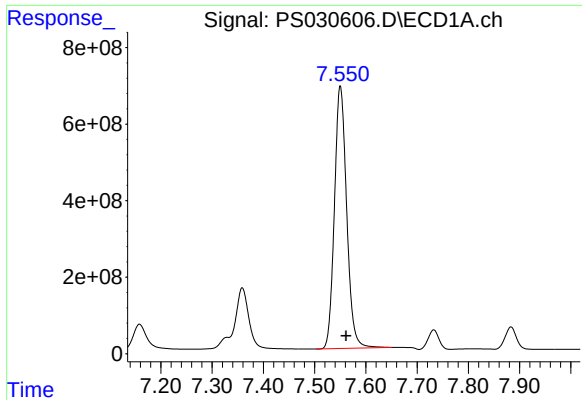
#4 2,4-DCAA

R.T.: 7.358 min
Delta R.T.: -0.011 min
Response: 2626342367
Conc: 695.69 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 791982680
Conc: 736.31 ng/ml



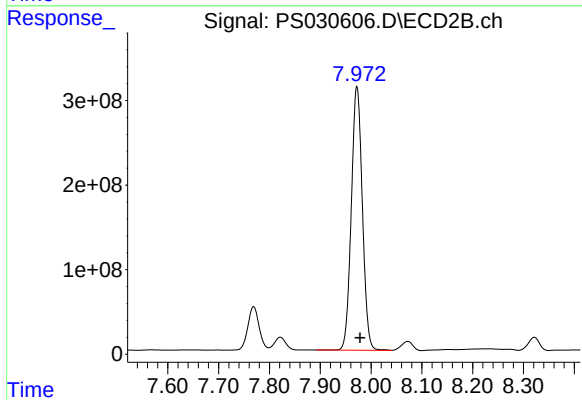
#5 DICAMBA

R.T.: 7.550 min
Delta R.T.: -0.011 min
Response: 11362828110
Conc: 736.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

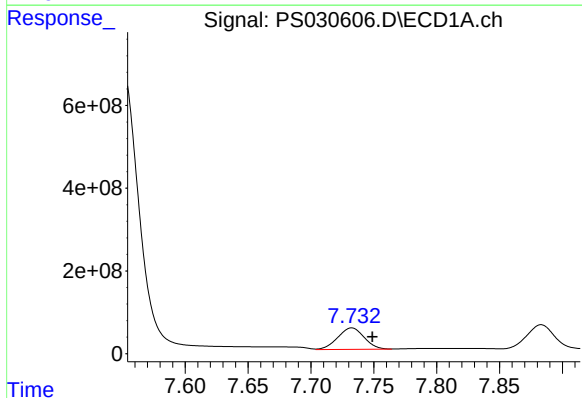
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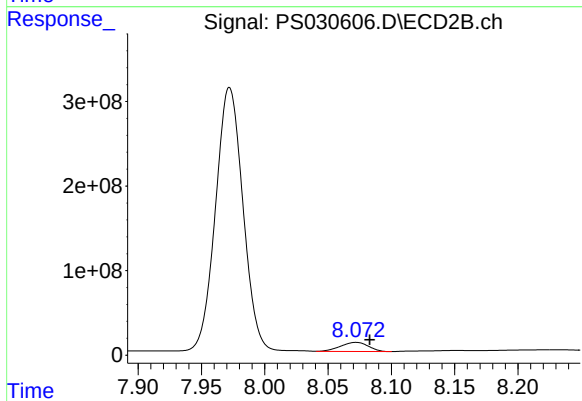
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 4715439157
Conc: 732.02 ng/ml



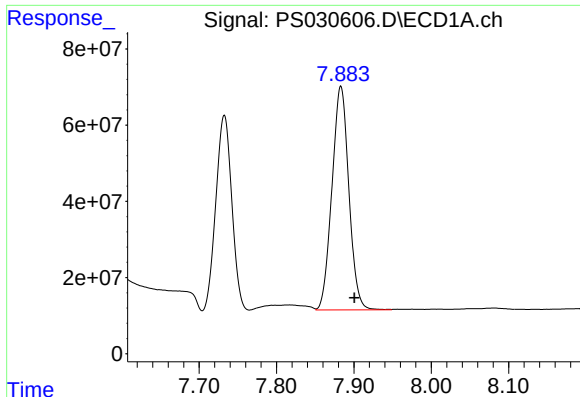
#6 MCPP

R.T.: 7.732 min
Delta R.T.: -0.017 min
Response: 757830103
Conc: 76.51 ug/ml m



#6 MCPP

R.T.: 8.072 min
Delta R.T.: -0.011 min
Response: 166951576
Conc: 72.22 ug/ml



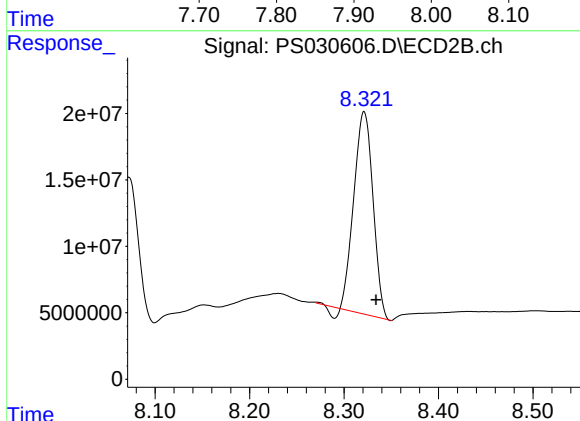
#7 MCPA

R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 891282950
Conc: 70.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

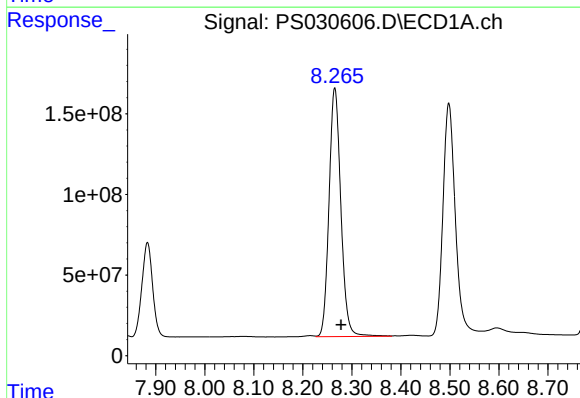
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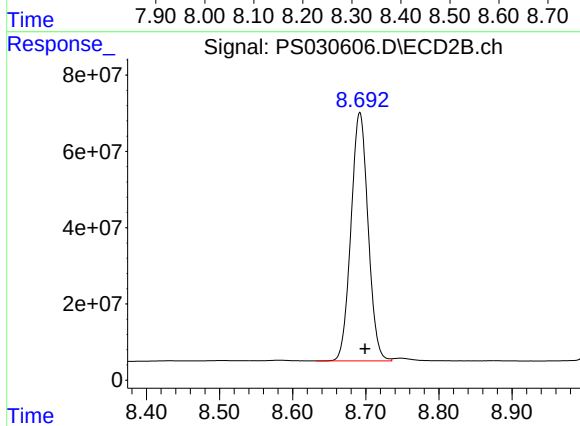
#7 MCPA

R.T.: 8.321 min
Delta R.T.: -0.012 min
Response: 212374445
Conc: 68.82 ug/ml



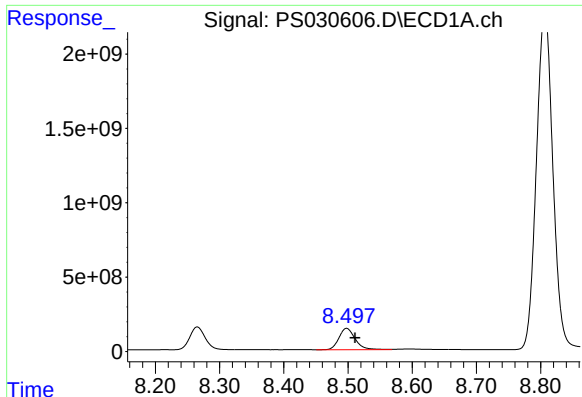
#8 DICHLORPROP

R.T.: 8.265 min
Delta R.T.: -0.013 min
Response: 2582235559
Conc: 709.77 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: -0.007 min
Response: 1057324133
Conc: 712.38 ng/ml



#9 2,4-D

R.T.: 8.498 min
Delta R.T.: -0.013 min
Response: 2548951666
Conc: 699.57 ng/ml

Instrument :

ECD_S

ClientSampleId :

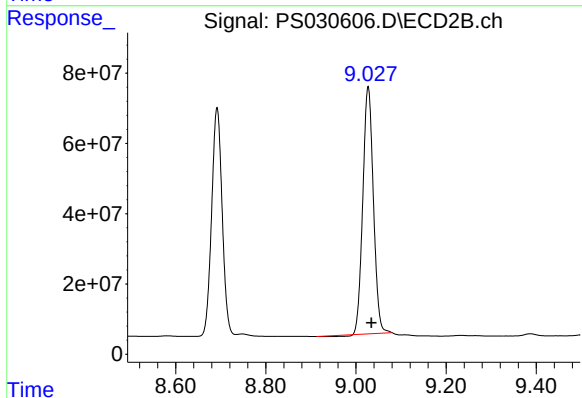
HSTDCCC750

Manual Integrations

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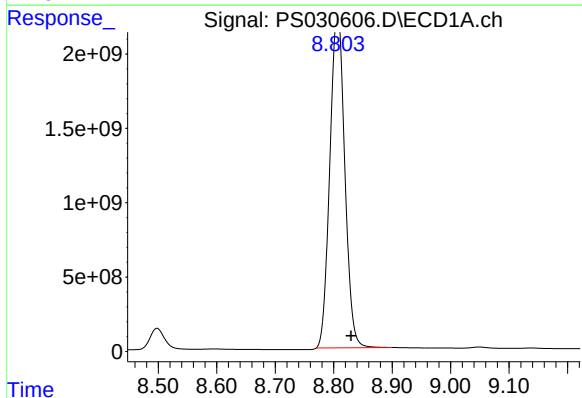
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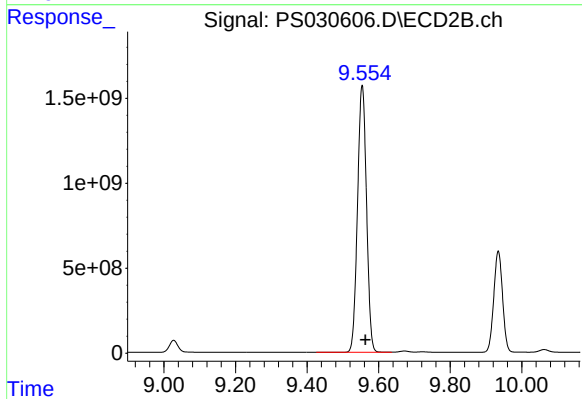
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: -0.007 min
Response: 1139408353
Conc: 724.67 ng/ml



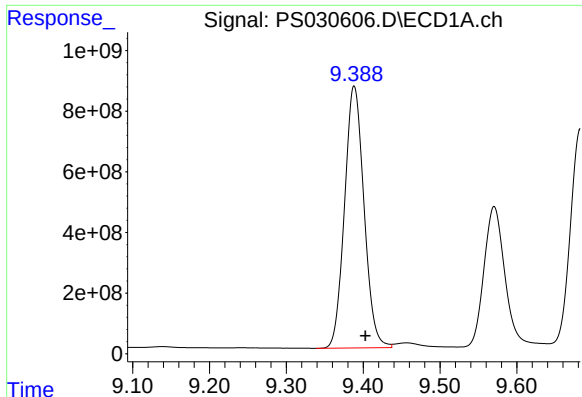
#10 Pentachlorophenol

R.T.: 8.807 min
Delta R.T.: -0.023 min
Response: 3939151111
Conc: 775.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min
Delta R.T.: -0.009 min
Response: 27457291450
Conc: 759.79 ng/ml



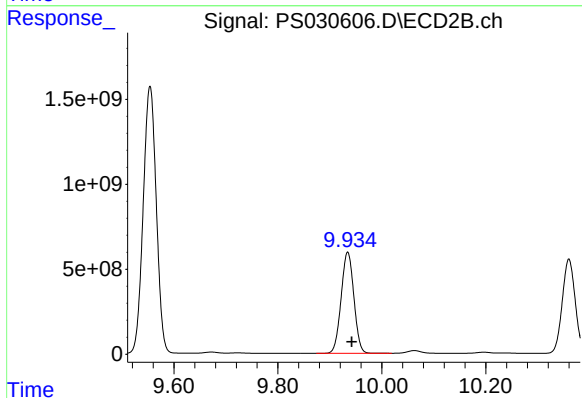
#11 2,4,5-TP (SILVEX)

R.T.: 9.388 min
Delta R.T.: -0.015 min
Response: 15187045303
Conc: 734.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

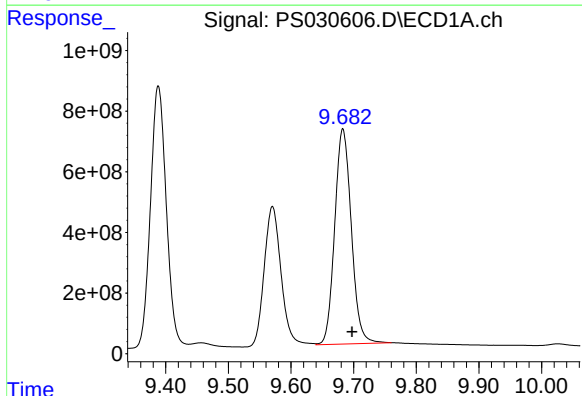
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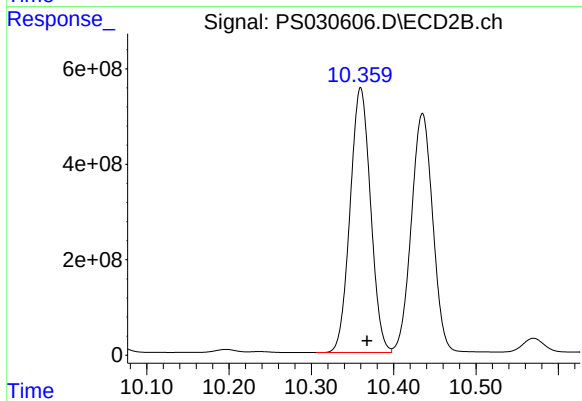
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: -0.008 min
Response: 10147522394
Conc: 739.79 ng/ml



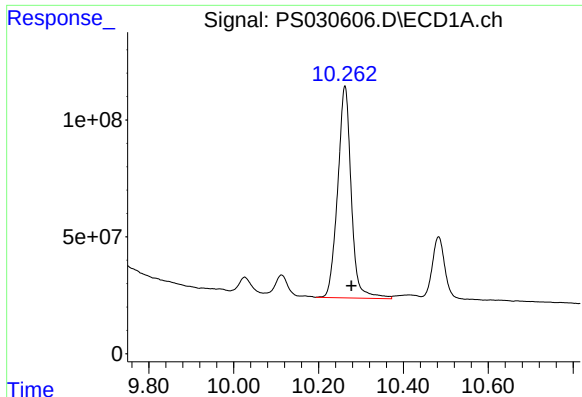
#12 2,4,5-T

R.T.: 9.683 min
Delta R.T.: -0.015 min
Response: 13061905547
Conc: 708.69 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: -0.008 min
Response: 9588252529
Conc: 734.33 ng/ml



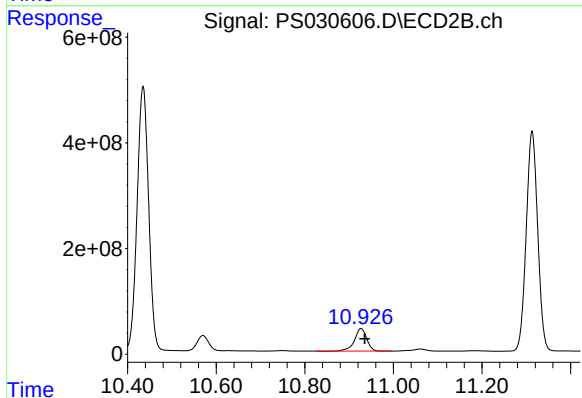
#13 2,4-DB

R.T.: 10.262 min
Delta R.T.: -0.015 min
Response: 2010255166
Conc: 662.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

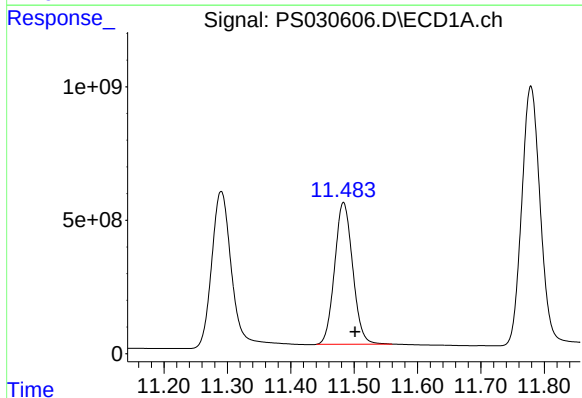
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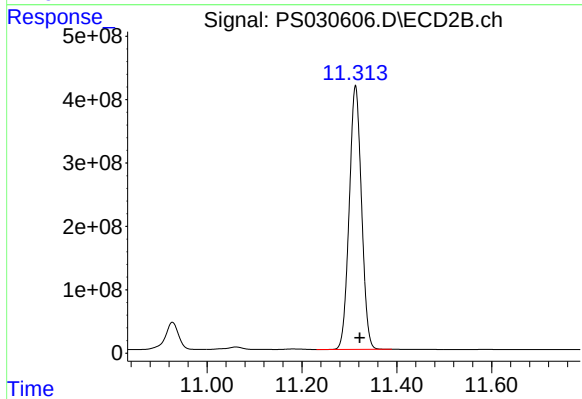
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: -0.008 min
Response: 825095937
Conc: 717.75 ng/ml



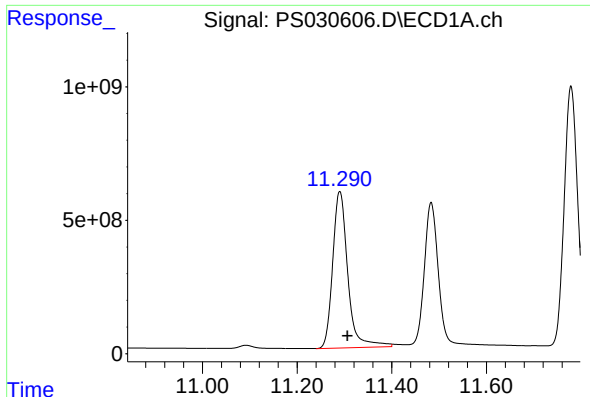
#14 DINOSEB

R.T.: 11.483 min
Delta R.T.: -0.018 min
Response: 10502417837
Conc: 730.61 ng/ml



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: -0.009 min
Response: 7475651170
Conc: 743.84 ng/ml



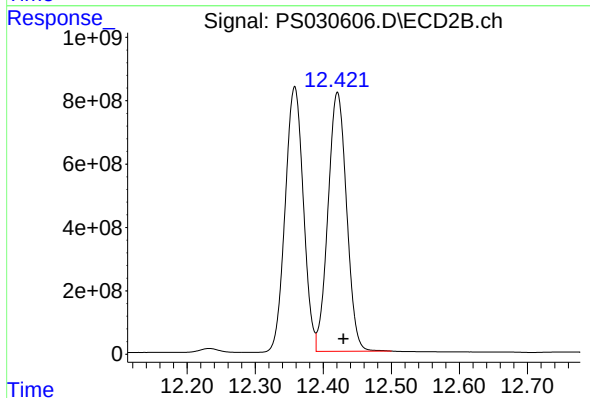
#15 Picloram

R.T.: 11.290 min
Delta R.T.: -0.016 min
Response: 13010722664
Conc: 650.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

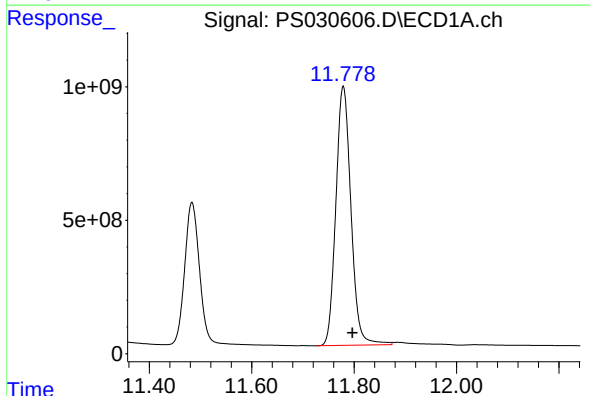
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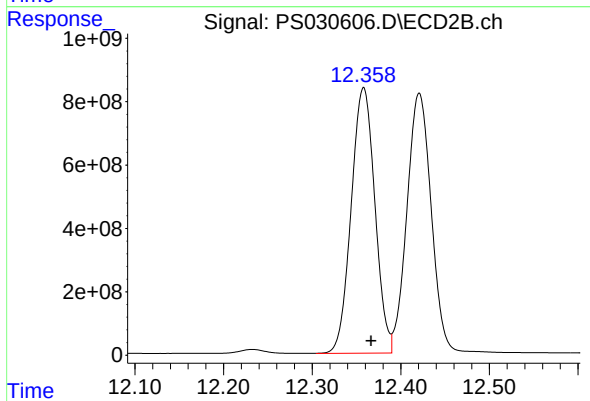
#15 Picloram

R.T.: 12.421 min
Delta R.T.: -0.009 min
Response: 15497337778
Conc: 701.75 ng/ml



#16 DCPA

R.T.: 11.779 min
Delta R.T.: -0.018 min
Response: 19887386232
Conc: 752.17 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: -0.009 min
Response: 15582198578
Conc: 761.48 ng/ml m