

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040125\
 Data File : PS029642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 15:35
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/02/2025
 Supervised By : mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 03:12:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS033125.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 02:48:40 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 x 0.5 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	6.998	7.524	2120.4E6	881.8E6	860.891	630.108 #
Target Compounds							
1) T	Dalapon	2.497	2.557	3273.8E6	1824.2E6	560.318	531.335
2) T	3,5-DICHL...	6.197	6.513	2922.3E6	1185.5E6	698.646	584.150
3) T	4-Nitroph...	6.789	7.057	775.2E6	825.5E6	695.553	565.599m
5) T	DICAMBA	7.176	7.711	9760.1E6	4778.2E6	653.087	596.993
6) T	MCP	7.355	7.819	637.4E6	227.2E6	74.273	57.845
7) T	MCPA	7.498	8.052	728.2E6	295.0E6	89.219	59.316 #
8) T	DICHLORPROP	7.859	8.409	2245.2E6	1133.3E6	740.532	590.139
9) T	2,4-D	8.081	8.725	2003.4E6	1252.2E6	802.490	594.692 #
10) T	Pentachlo...	8.361	9.231	34557.6E6	22086.5E6	711.763	622.381
11) T	2,4,5-TP ...	8.929	9.610	13079.4E6	8929.6E6	792.505	611.866
12) T	2,4,5-T	9.212	10.017	11103.5E6	8289.6E6	836.871	616.401 #
13) T	2,4-DB	9.774	10.576	1484.2E6	903.7E6	818.731	616.890
14) T	DINOSEB	10.943	10.950	8406.8E6	5651.7E6	720.054	551.641
15) T	Picloram	10.761	11.997	10303.9E6	10737.1E6	789.554	515.245m#
16) T	DCPA	11.243	11.978	16163.5E6	13312.8E6	808.071	684.952m

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

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Acq On : 01 Apr 2025 15:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

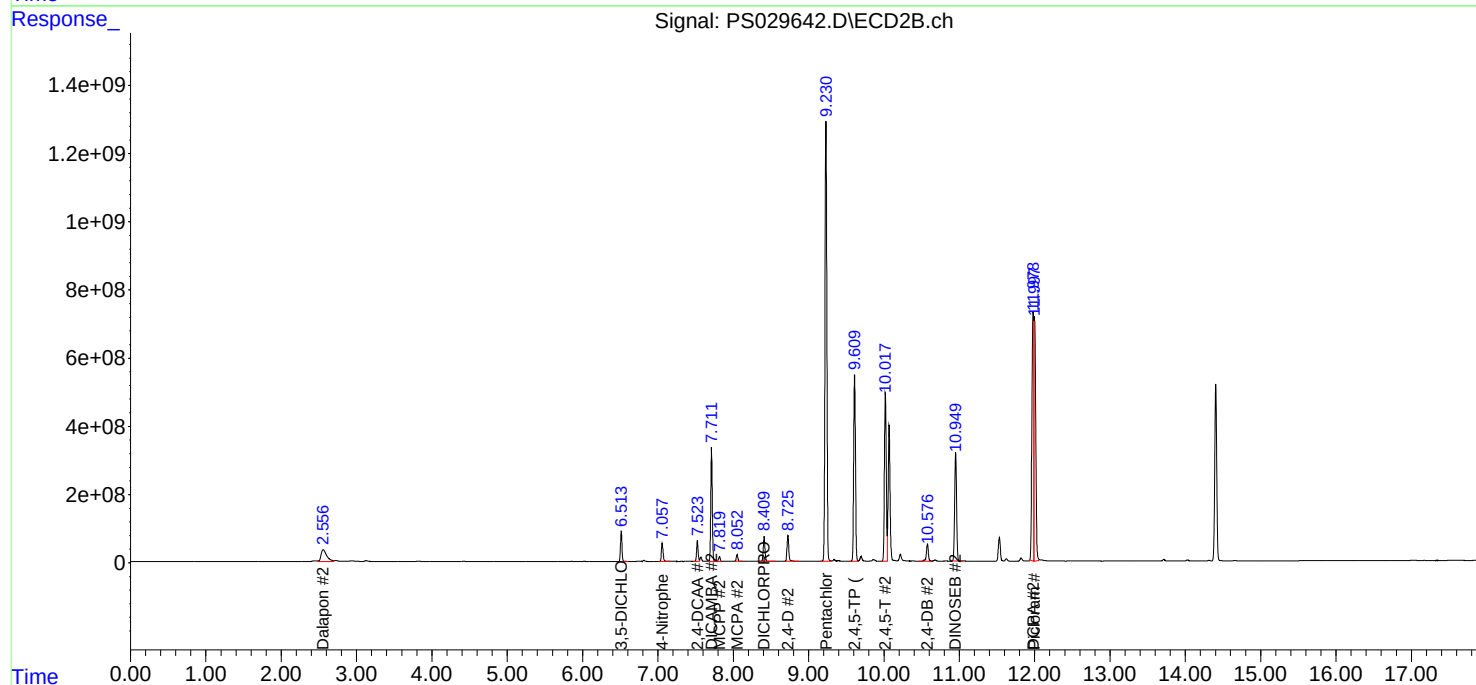
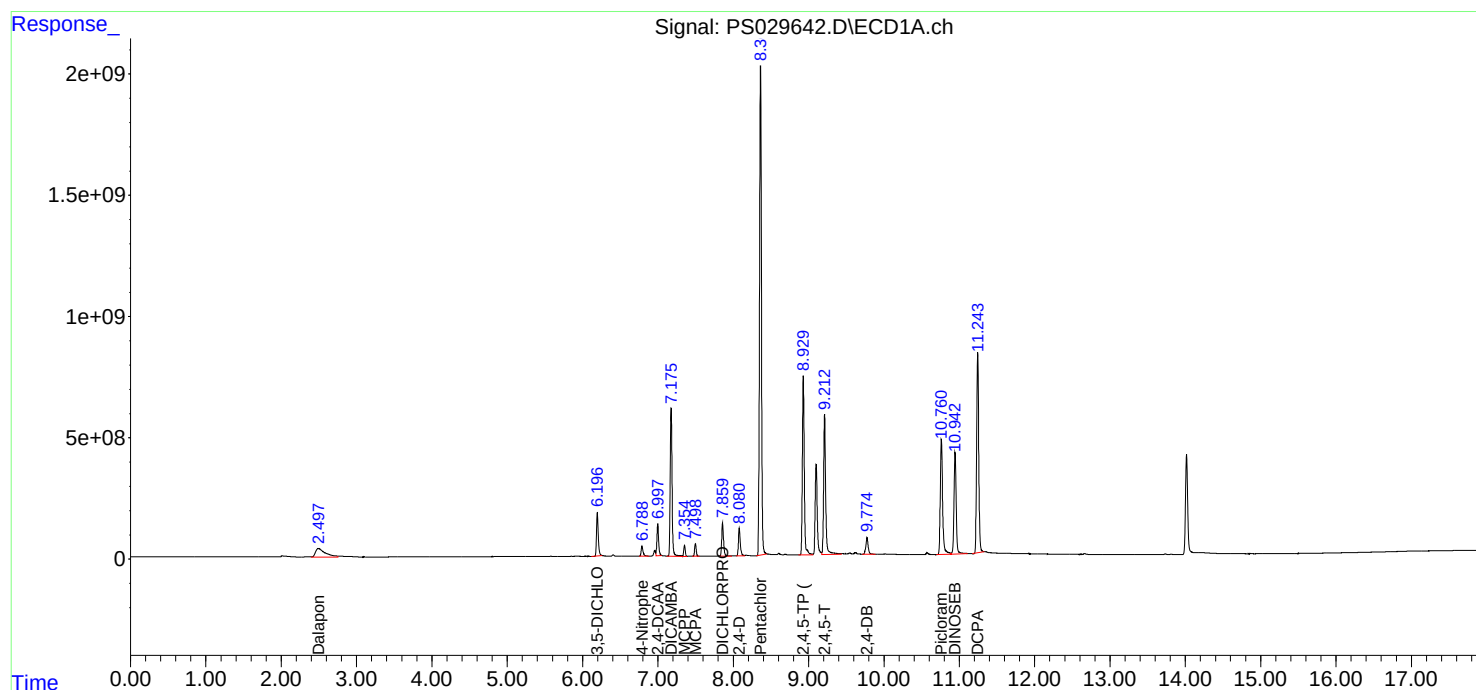
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

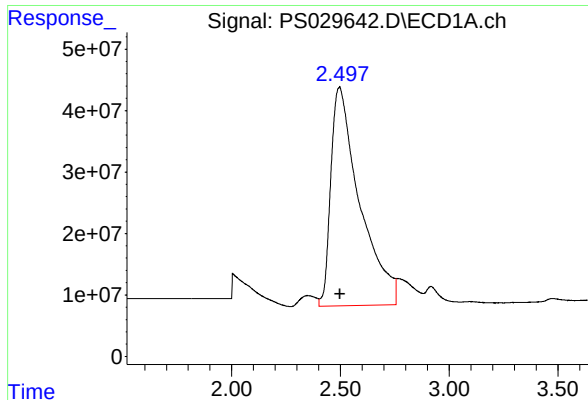
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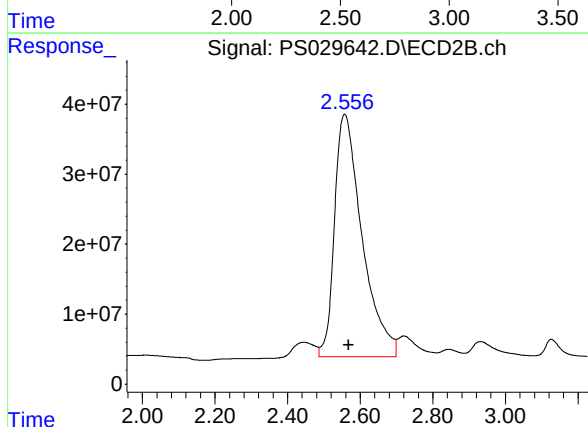
#1 Dalapon

R.T.: 2.497 min
Delta R.T.: 0.000 min
Response: 3273778041
Conc: 560.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

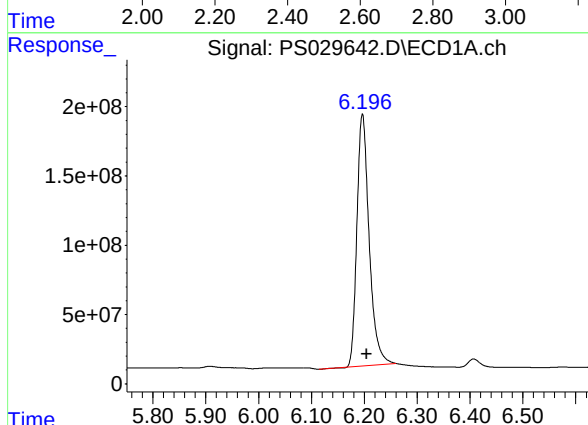
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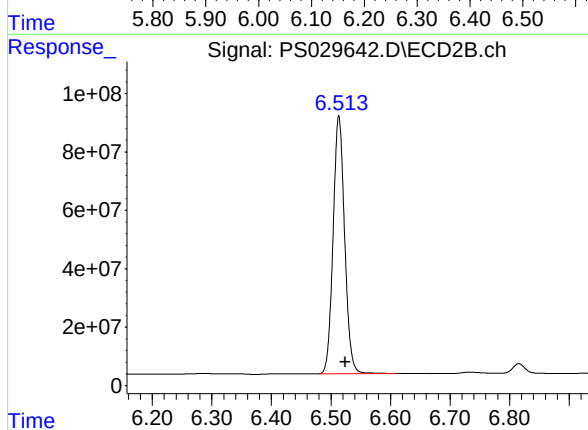
#1 Dalapon

R.T.: 2.557 min
Delta R.T.: -0.010 min
Response: 1824151724
Conc: 531.33 ng/ml



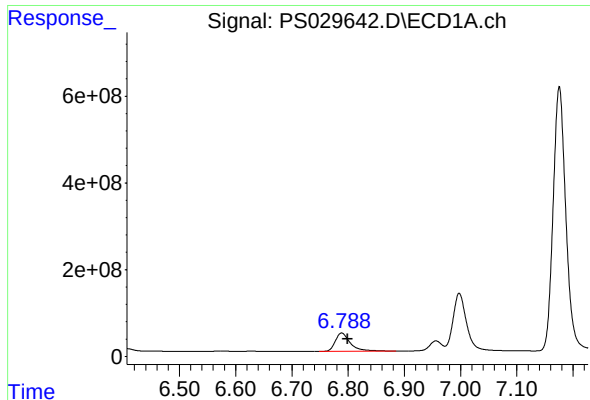
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 2922344179
Conc: 698.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 1185451650
Conc: 584.15 ng/ml



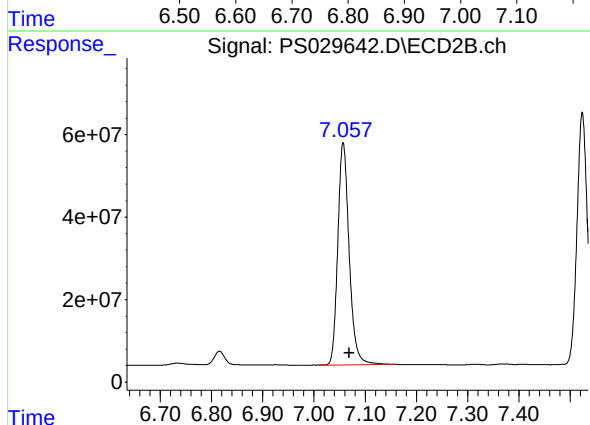
#3 4-Nitrophenol

R.T.: 6.789 min
Delta R.T.: -0.010 min
Response: 775172163
Conc: 695.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

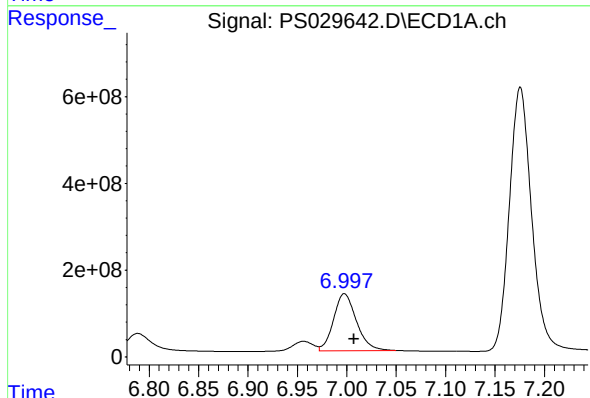
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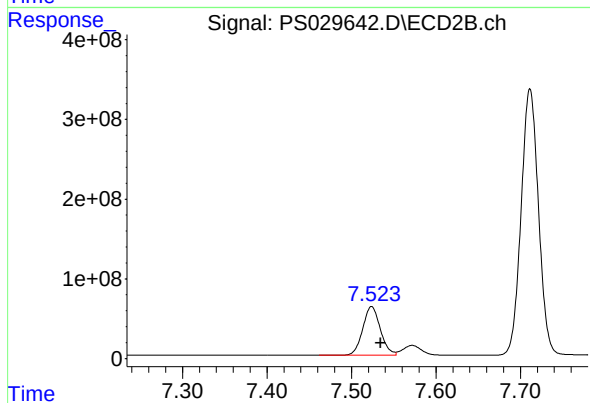
#3 4-Nitrophenol

R.T.: 7.057 min
Delta R.T.: -0.012 min
Response: 825454427
Conc: 565.60 ng/ml



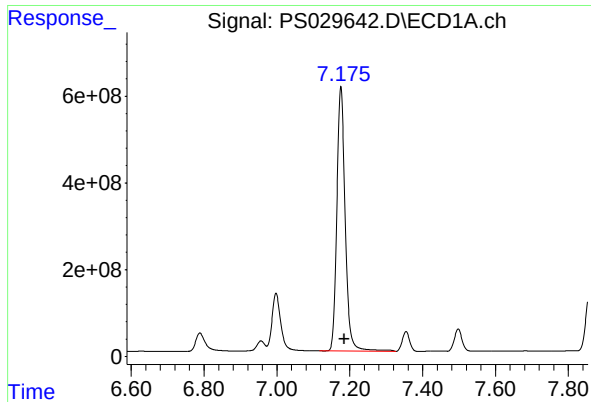
#4 2,4-DCAA

R.T.: 6.998 min
Delta R.T.: -0.010 min
Response: 2120402295
Conc: 860.89 ng/ml



#4 2,4-DCAA

R.T.: 7.524 min
Delta R.T.: -0.011 min
Response: 881777228
Conc: 630.11 ng/ml



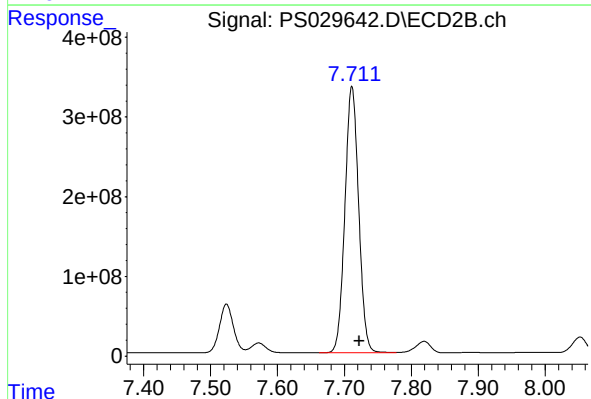
#5 DICAMBA

R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 9760118532
Conc: 653.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

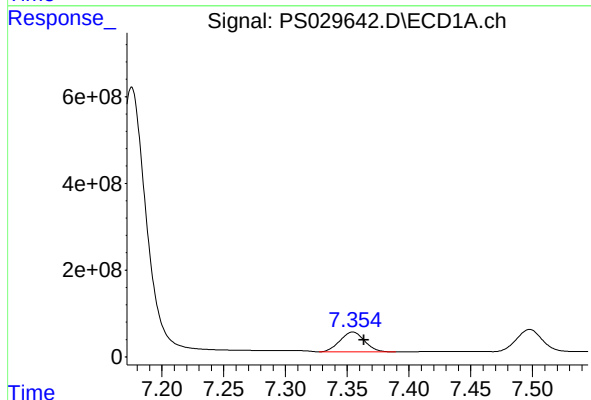
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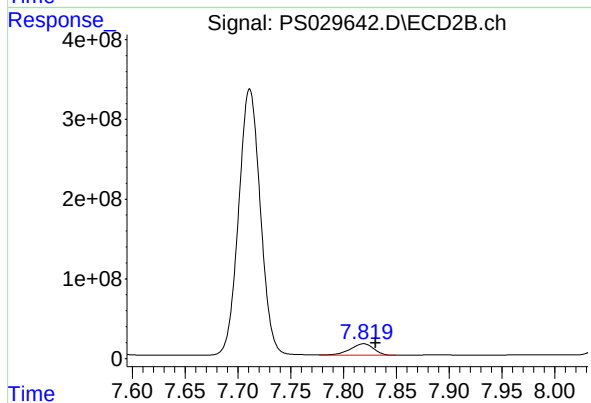
#5 DICAMBA

R.T.: 7.711 min
Delta R.T.: -0.011 min
Response: 4778214932
Conc: 596.99 ng/ml



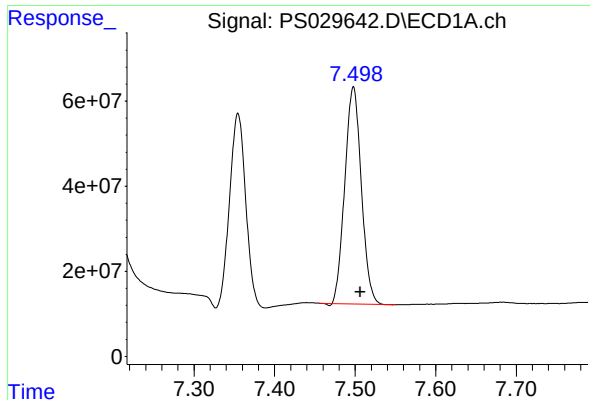
#6 MCPP

R.T.: 7.355 min
Delta R.T.: -0.009 min
Response: 637369416
Conc: 74.27 ug/ml



#6 MCPP

R.T.: 7.819 min
Delta R.T.: -0.011 min
Response: 227232150
Conc: 57.85 ug/ml



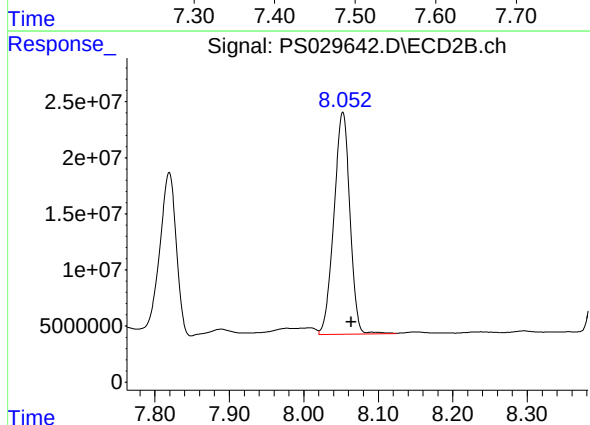
#7 MCPA

R.T.: 7.498 min
Delta R.T.: -0.009 min
Response: 728191423
Conc: 89.22 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

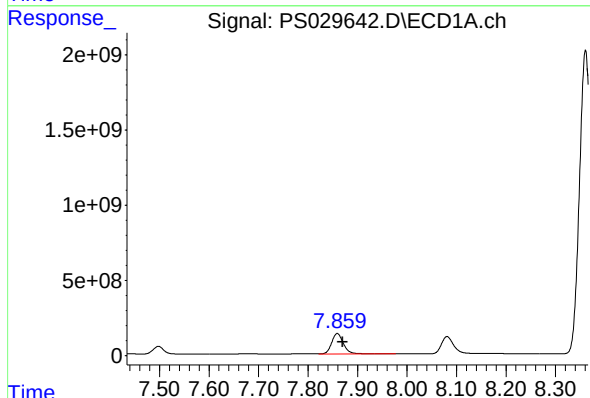
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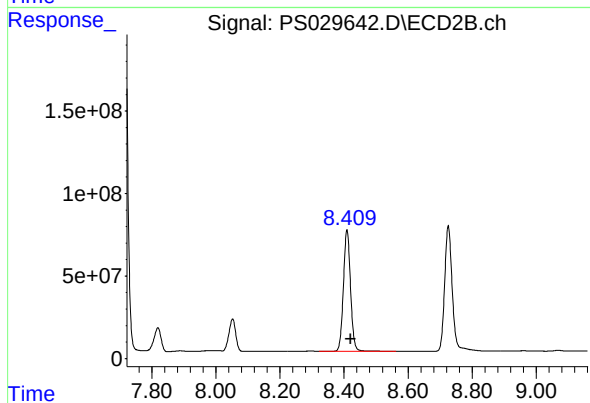
#7 MCPA

R.T.: 8.052 min
Delta R.T.: -0.012 min
Response: 294984848
Conc: 59.32 ug/ml



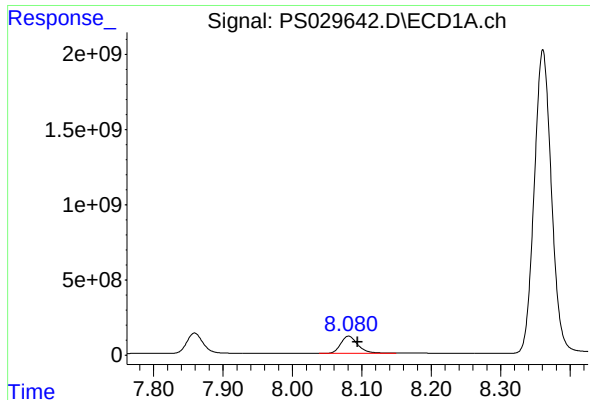
#8 DICHLORPROP

R.T.: 7.859 min
Delta R.T.: -0.011 min
Response: 2245209224
Conc: 740.53 ng/ml



#8 DICHLORPROP

R.T.: 8.409 min
Delta R.T.: -0.012 min
Response: 1133251430
Conc: 590.14 ng/ml



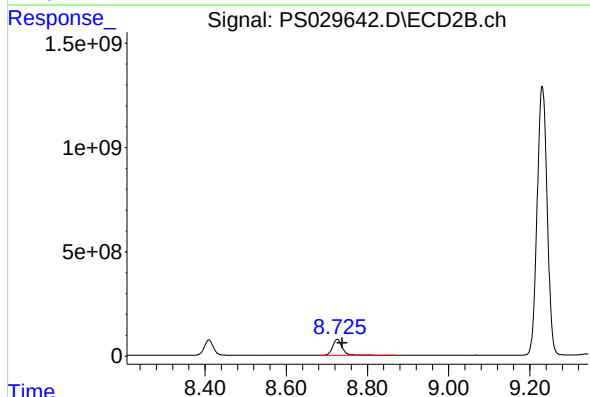
#9 2,4-D

R.T.: 8.081 min
Delta R.T.: -0.013 min
Response: 2003423973
Conc: 802.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

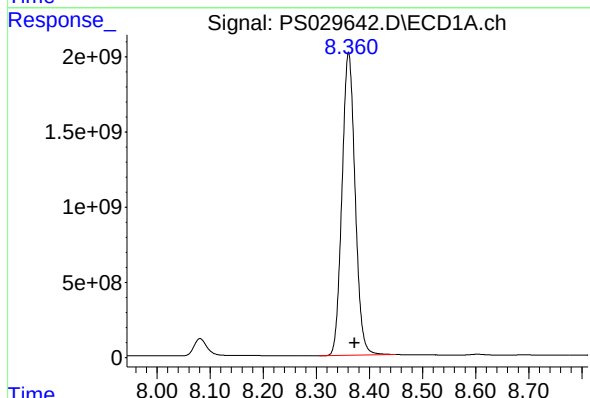
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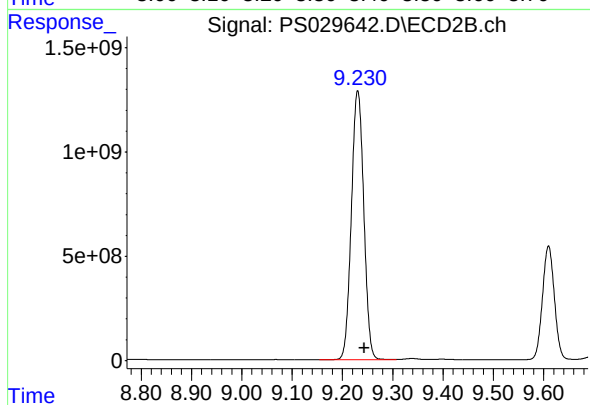
#9 2,4-D

R.T.: 8.725 min
Delta R.T.: -0.013 min
Response: 1252222917
Conc: 594.69 ng/ml



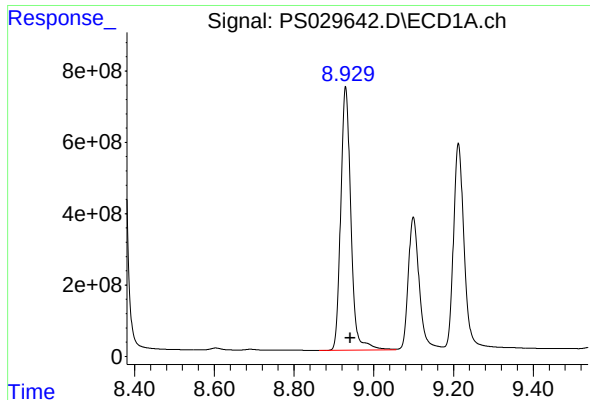
#10 Pentachlorophenol

R.T.: 8.361 min
Delta R.T.: -0.011 min
Response: 34557625016
Conc: 711.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.231 min
Delta R.T.: -0.013 min
Response: 22086506343
Conc: 622.38 ng/ml



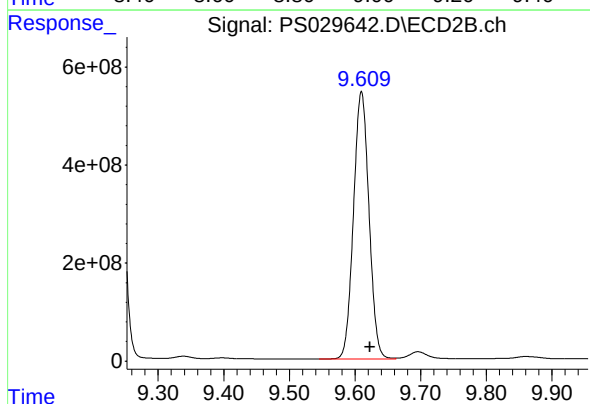
#11 2,4,5-TP (SILVEX)

R.T.: 8.929 min
Delta R.T.: -0.012 min
Response: 13079415021
Conc: 792.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

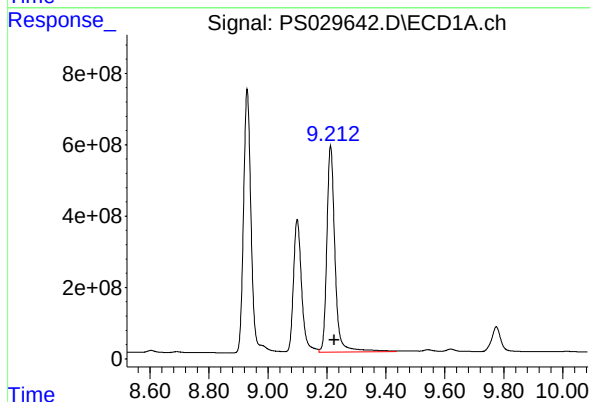
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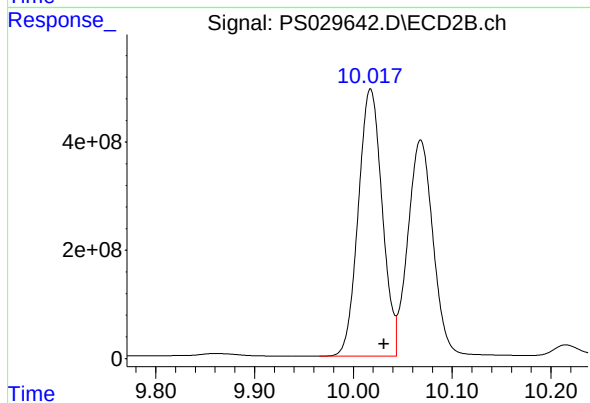
#11 2,4,5-TP (SILVEX)

R.T.: 9.610 min
Delta R.T.: -0.013 min
Response: 8929550139
Conc: 611.87 ng/ml



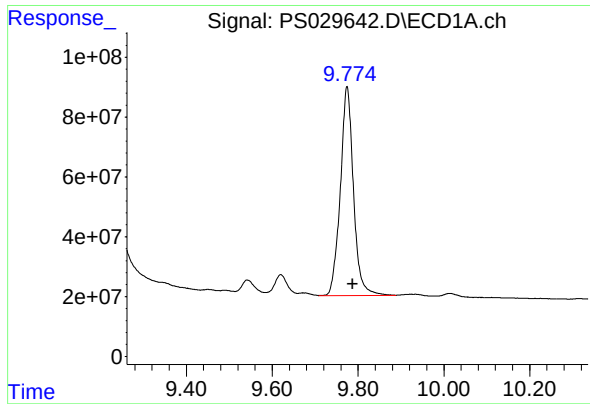
#12 2,4,5-T

R.T.: 9.212 min
Delta R.T.: -0.013 min
Response: 11103510212
Conc: 836.87 ng/ml



#12 2,4,5-T

R.T.: 10.017 min
Delta R.T.: -0.014 min
Response: 8289567848
Conc: 616.40 ng/ml



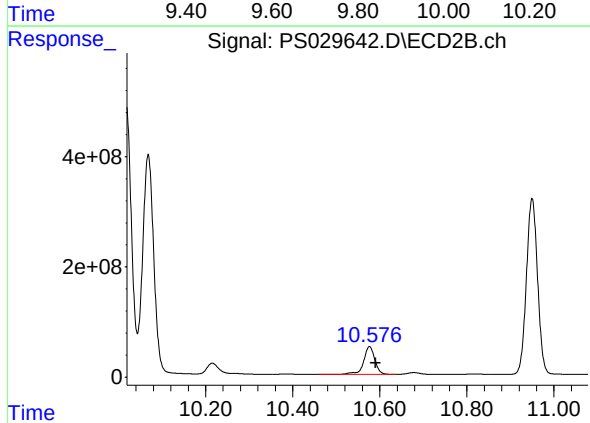
#13 2,4-DB

R.T.: 9.774 min
Delta R.T.: -0.013 min
Response: 1484218363
Conc: 818.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

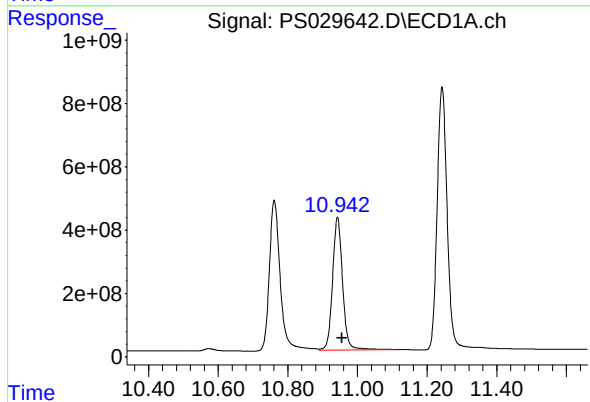
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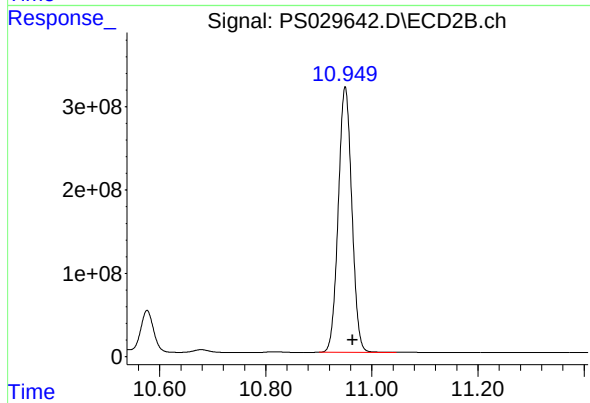
#13 2,4-DB

R.T.: 10.576 min
Delta R.T.: -0.014 min
Response: 903685162
Conc: 616.89 ng/ml



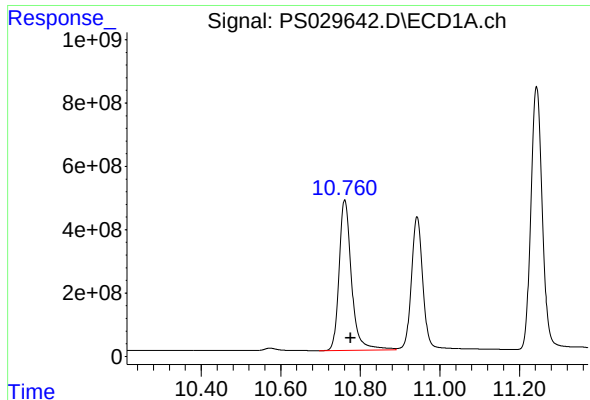
#14 DINOSEB

R.T.: 10.943 min
Delta R.T.: -0.014 min
Response: 8406772171
Conc: 720.05 ng/ml



#14 DINOSEB

R.T.: 10.950 min
Delta R.T.: -0.014 min
Response: 5651702667
Conc: 551.64 ng/ml



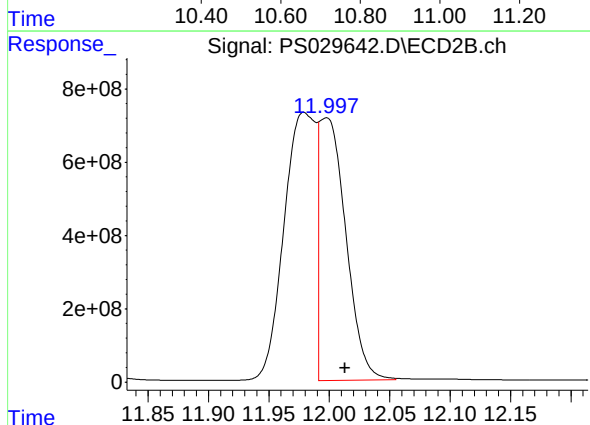
#15 Picloram

R.T.: 10.761 min
Delta R.T.: -0.015 min
Response: 10303927554
Conc: 789.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

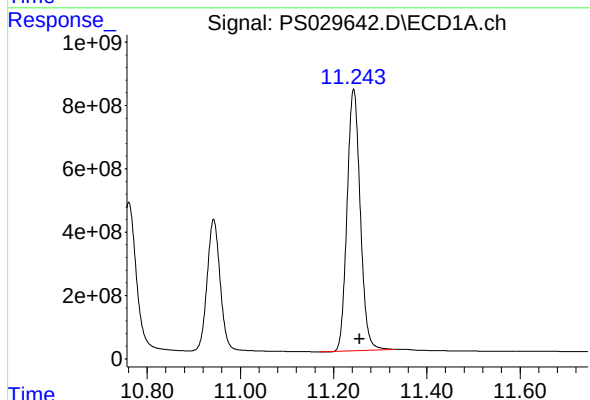
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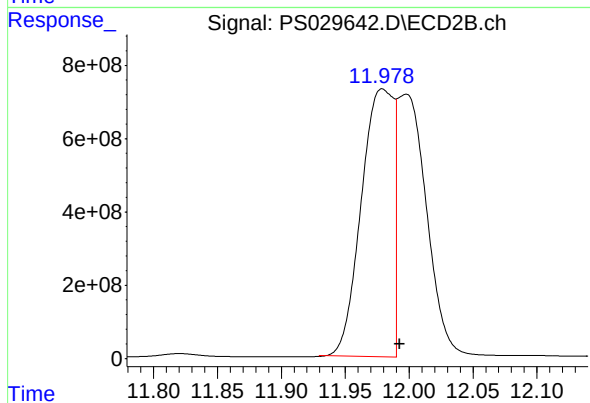
#15 Picloram

R.T.: 11.997 min
Delta R.T.: -0.016 min
Response: 10737079390
Conc: 515.25 ng/ml m



#16 DCPA

R.T.: 11.243 min
Delta R.T.: -0.013 min
Response: 16163539866
Conc: 808.07 ng/ml



#16 DCPA

R.T.: 11.978 min
Delta R.T.: -0.014 min
Response: 13312767240
Conc: 684.95 ng/ml m