

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 16:41
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2025
 Supervised By : mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:40:04 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 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	6.936	7.455	1774.9E6	519.6E6	721.191	737.501
Target Compounds							
1) T	Dalapon	2.445	2.516	2952.4E6	1171.6E6	720.926	674.830
2) T	3,5-DICHL...	6.141	6.453	2409.7E6	672.1E6	674.261	687.519
3) T	4-Nitroph...	6.727	6.988	1181.1E6	512.8E6	662.301	669.462m
5) T	DICAMBA	7.114	7.642	6817.6E6	2886.7E6	688.443	730.789
6) T	MCP	7.292	7.748	422.5E6	110.6E6	65.574	63.223
7) T	MCPA	7.435	7.979	581.0E6	149.4E6	65.784	63.137
8) T	DICHLORPROP	7.794	8.335	1709.9E6	711.0E6	674.770	708.151
9) T	2,4-D	8.014	8.648	1935.2E6	785.2E6	687.965	696.646
10) T	Pentachlo...	8.292	9.149	24554.7E6	15042.3E6	703.874	739.367
11) T	2,4,5-TP ...	8.857	9.527	9759.5E6	5967.9E6	704.004	729.413
12) T	2,4,5-T	9.139	9.932	9937.7E6	5585.4E6	707.156	719.532
13) T	2,4-DB	9.699	10.490	1639.3E6	557.8E6	717.316	693.045
14) T	DINOSEB	10.861	10.864	7113.6E6	4063.2E6	699.237	696.838
15) T	Picloram	10.680	11.903	13035.9E6	7955.5E6	711.154	647.647m
16) T	DCPA	11.162	11.900	12175.4E6	8586.9E6	715.318	761.813m

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

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ALS Vial : 3 Sample Multiplier: 1

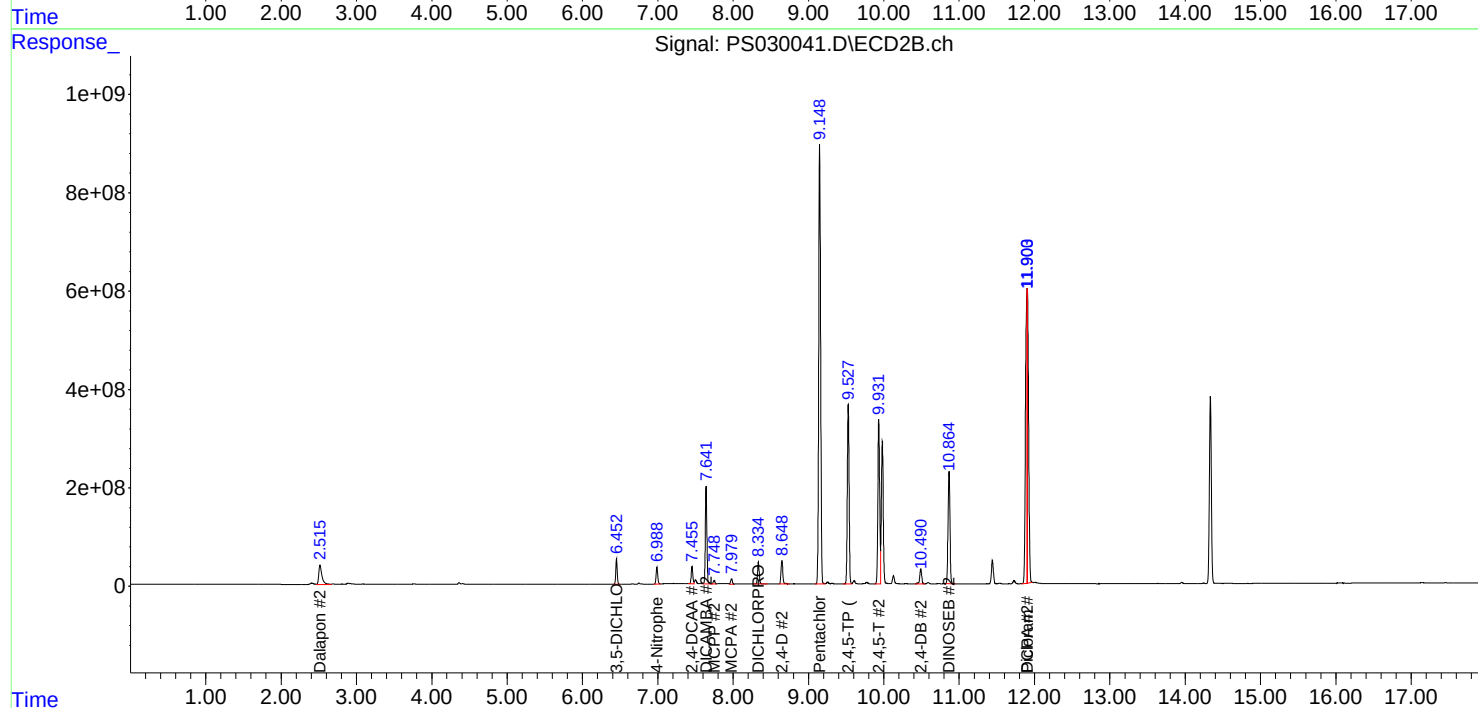
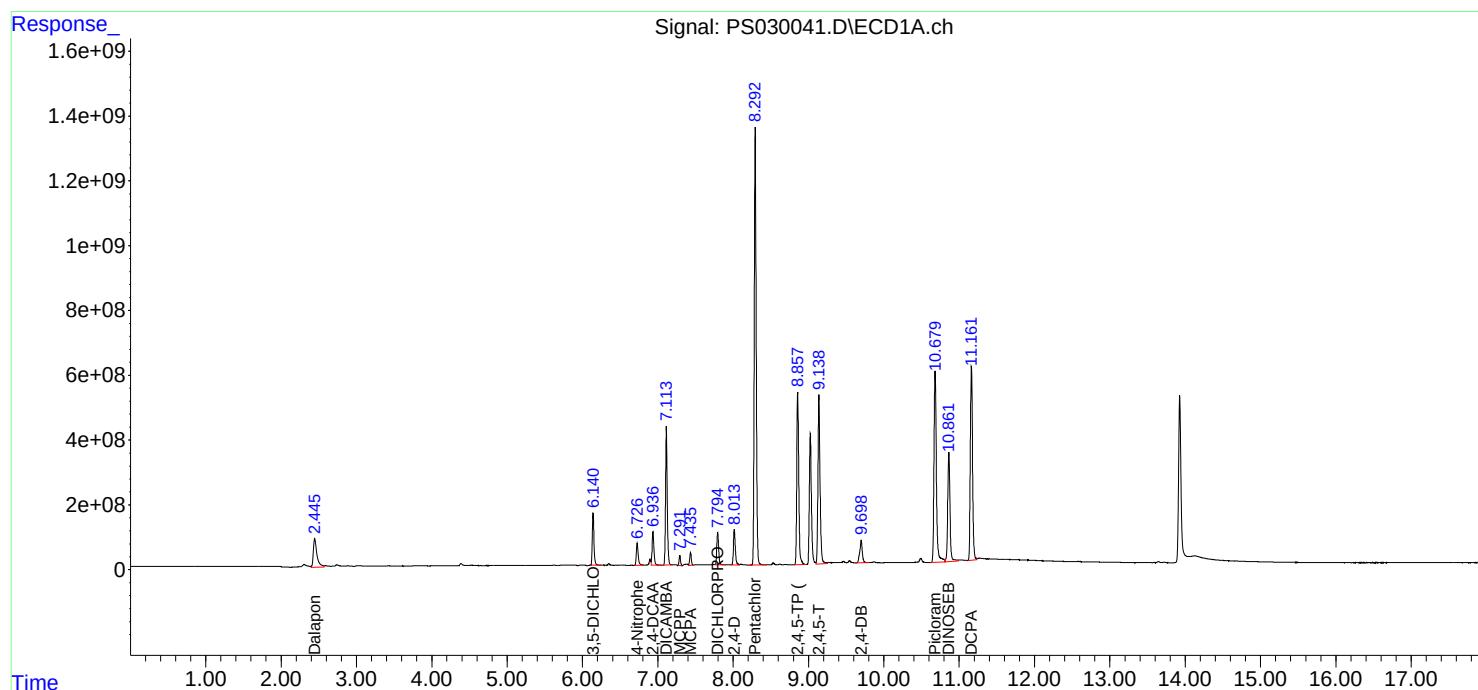
Instrument :
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HSTDCCC750

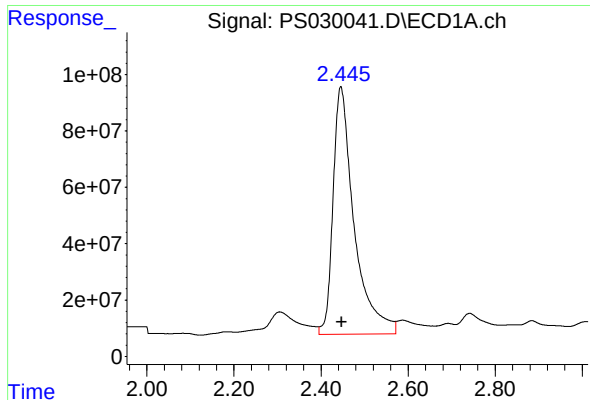
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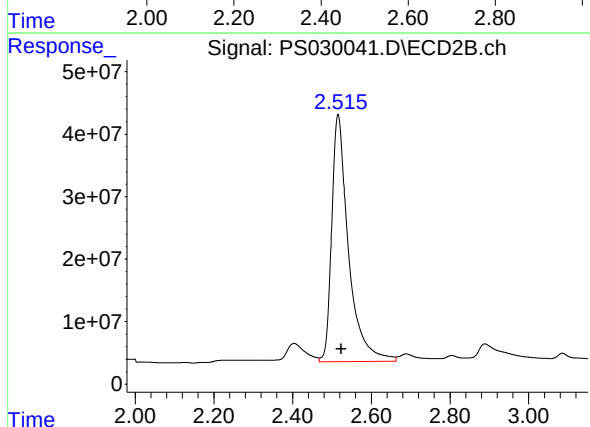
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.003 min
Response: 2952377655
Conc: 720.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

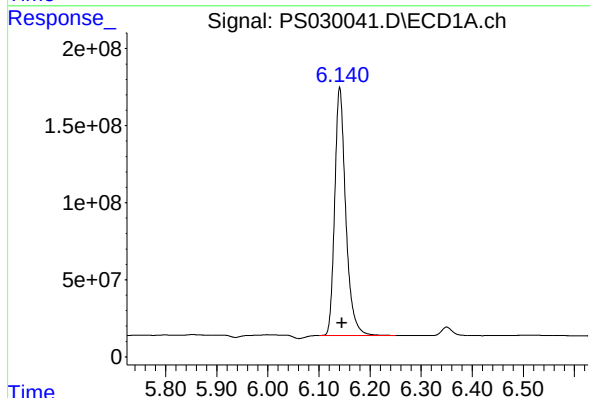
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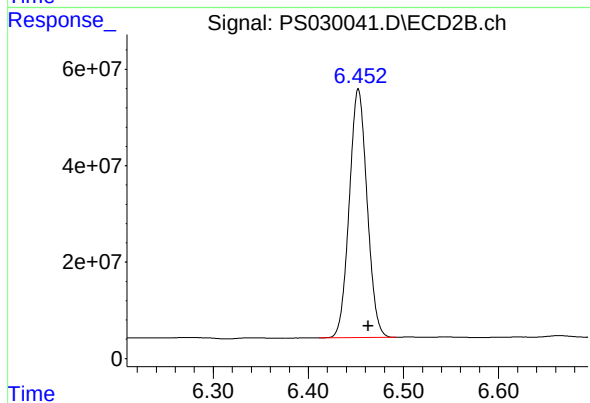
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.009 min
Response: 1171602771
Conc: 674.83 ng/ml



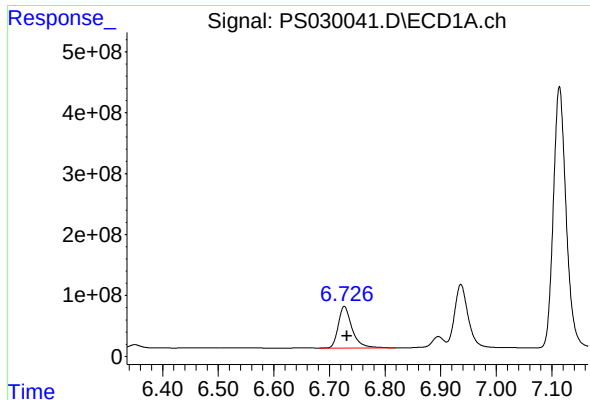
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.141 min
Delta R.T.: -0.005 min
Response: 2409663155
Conc: 674.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.010 min
Response: 672104770
Conc: 687.52 ng/ml



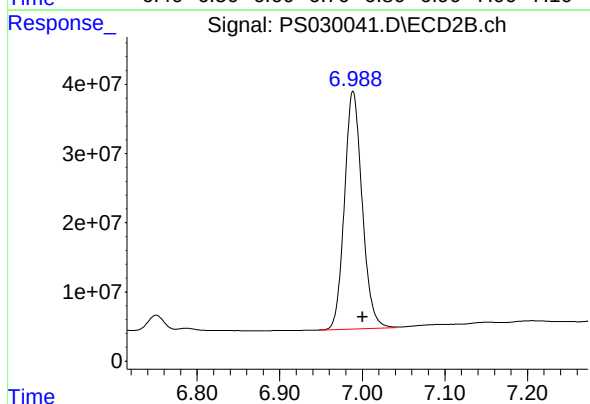
#3 4-Nitrophenol

R.T.: 6.727 min
Delta R.T.: -0.005 min
Response: 1181094054
Conc: 662.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

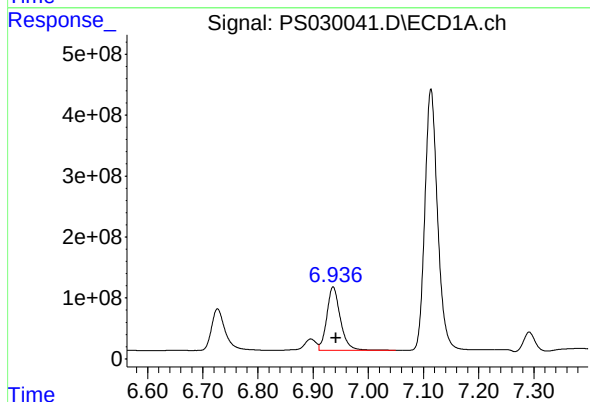
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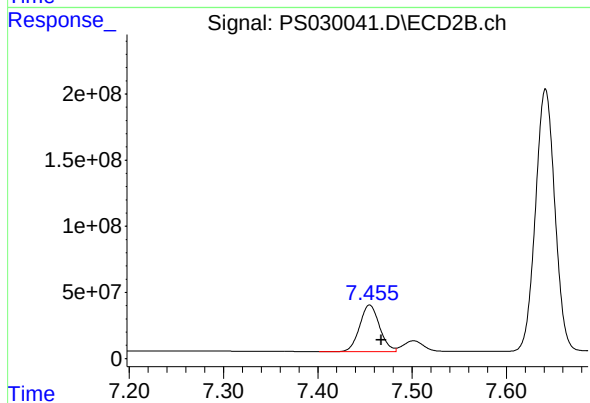
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: -0.012 min
Response: 512755332
Conc: 669.46 ng/ml



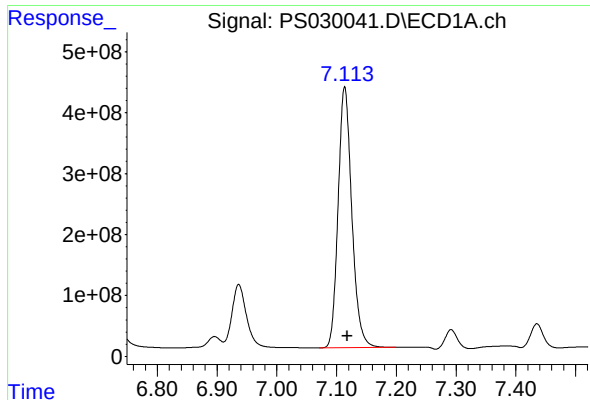
#4 2,4-DCAA

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 1774908871
Conc: 721.19 ng/ml



#4 2,4-DCAA

R.T.: 7.455 min
Delta R.T.: -0.012 min
Response: 519581780
Conc: 737.50 ng/ml



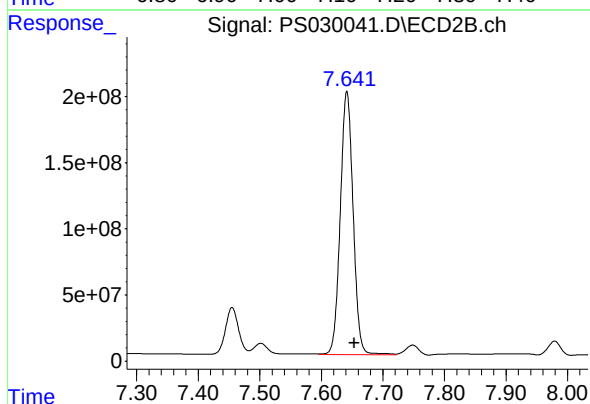
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 6817562025
Conc: 688.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

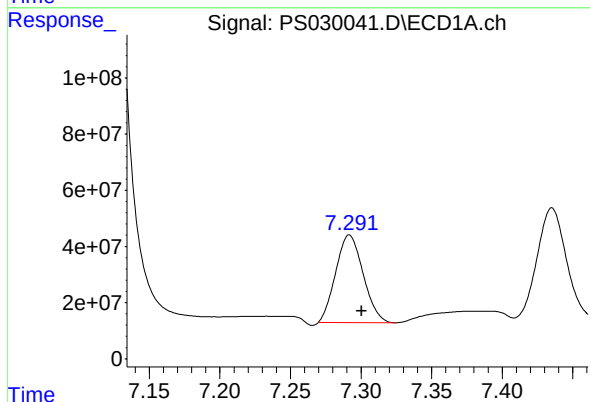
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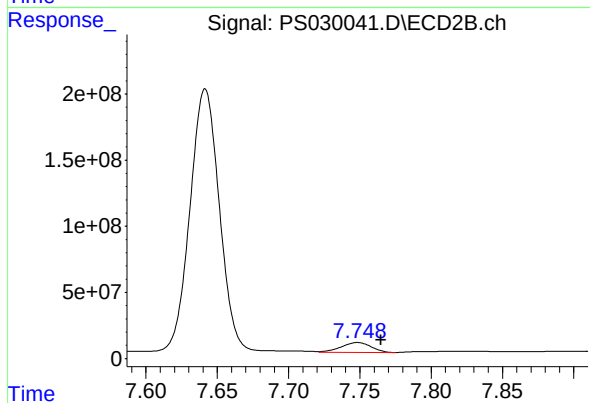
#5 DICAMBA

R.T.: 7.642 min
Delta R.T.: -0.012 min
Response: 2886665237
Conc: 730.79 ng/ml



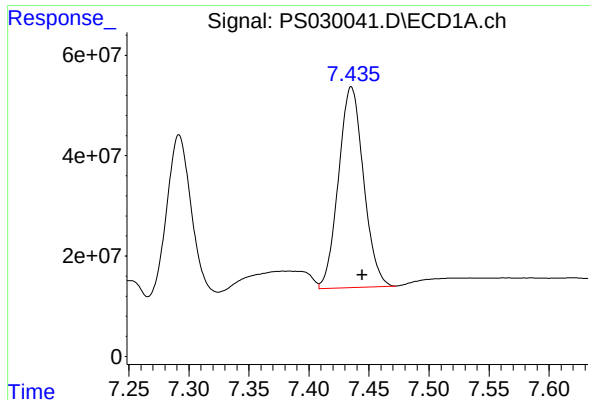
#6 MCPP

R.T.: 7.292 min
Delta R.T.: -0.009 min
Response: 422534047
Conc: 65.57 ug/ml



#6 MCPP

R.T.: 7.748 min
Delta R.T.: -0.016 min
Response: 110573744
Conc: 63.22 ug/ml



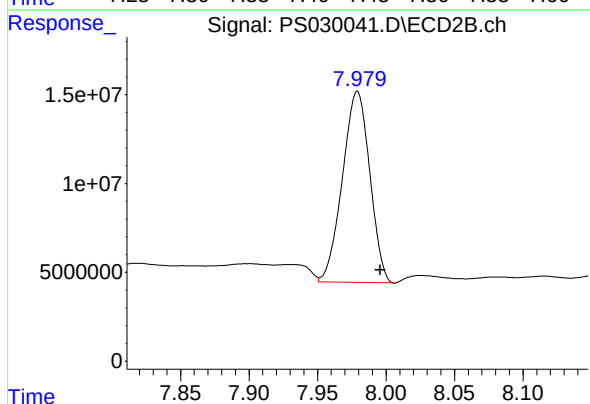
#7 MCPA

R.T.: 7.435 min
Delta R.T.: -0.009 min
Response: 580958132
Conc: 65.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

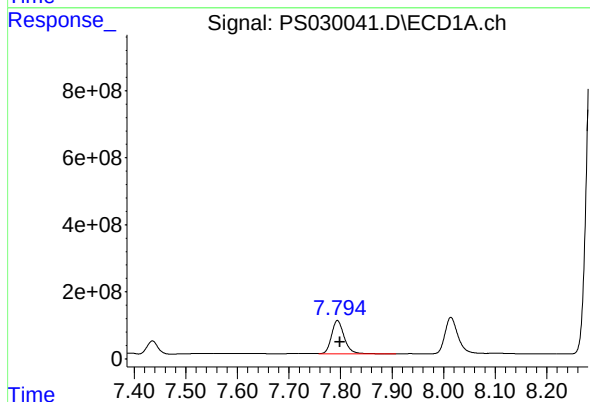
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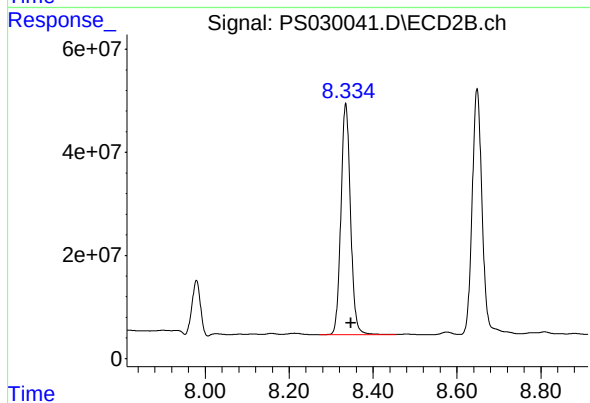
#7 MCPA

R.T.: 7.979 min
Delta R.T.: -0.017 min
Response: 149368796
Conc: 63.14 ug/ml



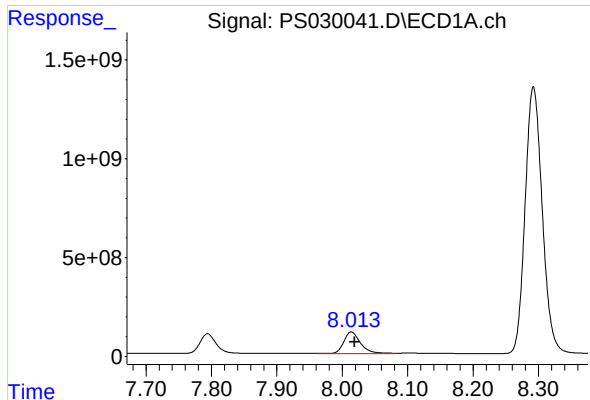
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1709939199
Conc: 674.77 ng/ml



#8 DICHLORPROP

R.T.: 8.335 min
Delta R.T.: -0.013 min
Response: 710958723
Conc: 708.15 ng/ml



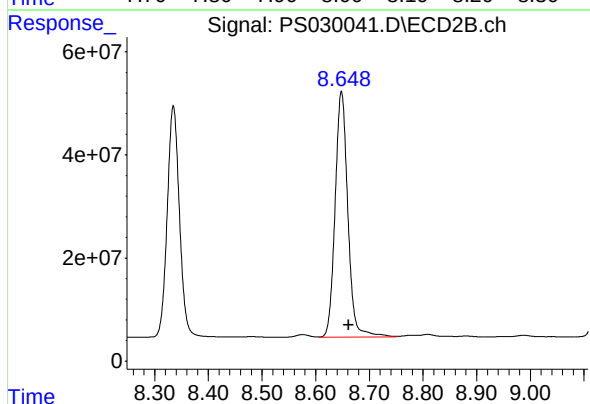
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 1935157953
Conc: 687.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

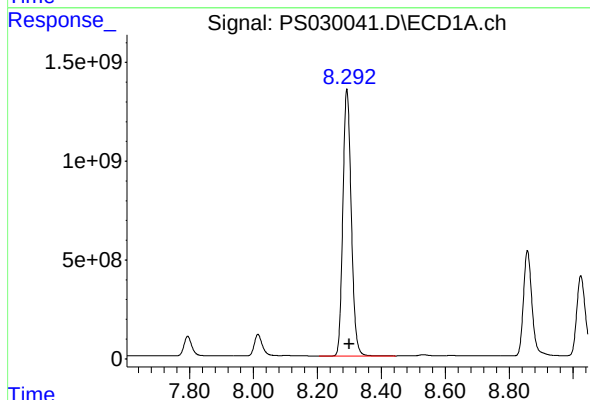
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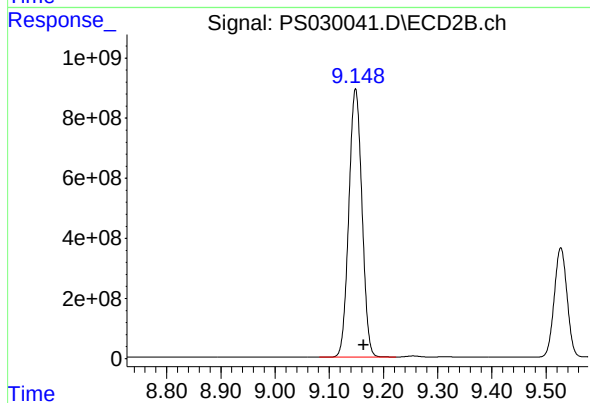
#9 2,4-D

R.T.: 8.648 min
Delta R.T.: -0.013 min
Response: 785195057
Conc: 696.65 ng/ml



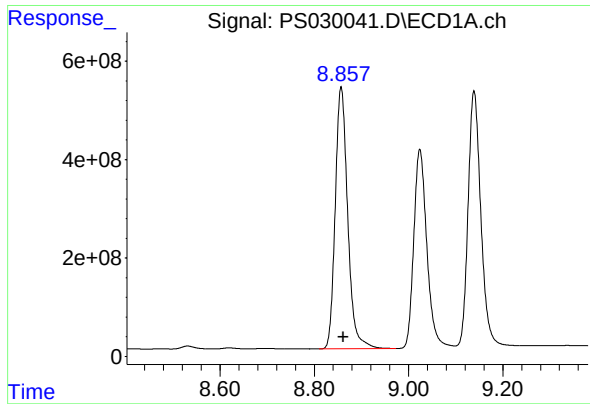
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.007 min
Response: 24554651193
Conc: 703.87 ng/ml



#10 Pentachlorophenol

R.T.: 9.149 min
Delta R.T.: -0.015 min
Response: 15042285138
Conc: 739.37 ng/ml



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

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 9759498519
Conc: 704.00 ng/ml

Instrument :

ECD_S

ClientSampleId :

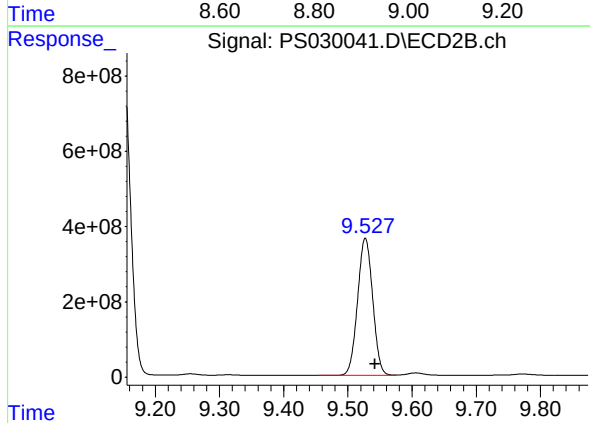
HSTDCCC750

Manual Integrations

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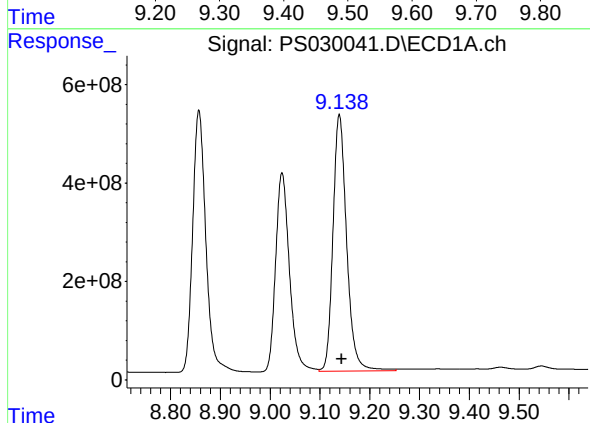
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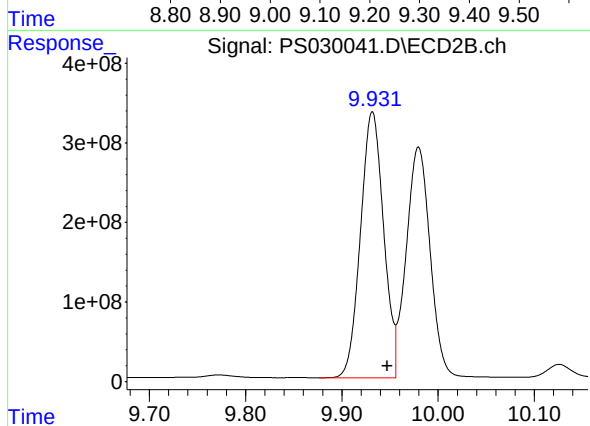
#11 2,4,5-TP (SILVEX)

R.T.: 9.527 min
Delta R.T.: -0.015 min
Response: 5967877580
Conc: 729.41 ng/ml



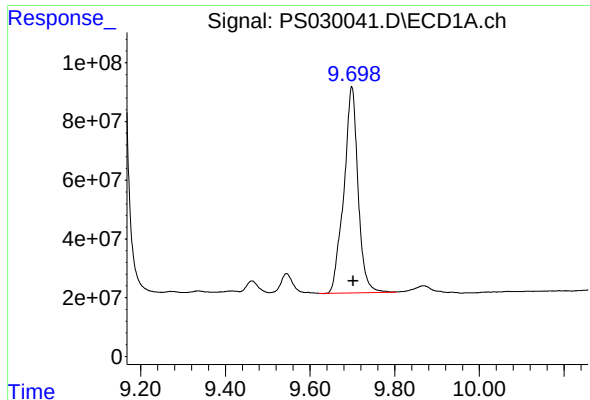
#12 2,4,5-T

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 9937744206
Conc: 707.16 ng/ml



#12 2,4,5-T

R.T.: 9.932 min
Delta R.T.: -0.015 min
Response: 5585441010
Conc: 719.53 ng/ml



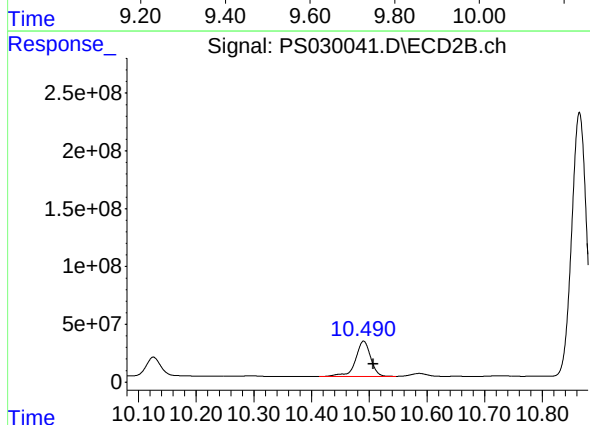
#13 2,4-DB

R.T.: 9.699 min
Delta R.T.: -0.003 min
Response: 1639322217
Conc: 717.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

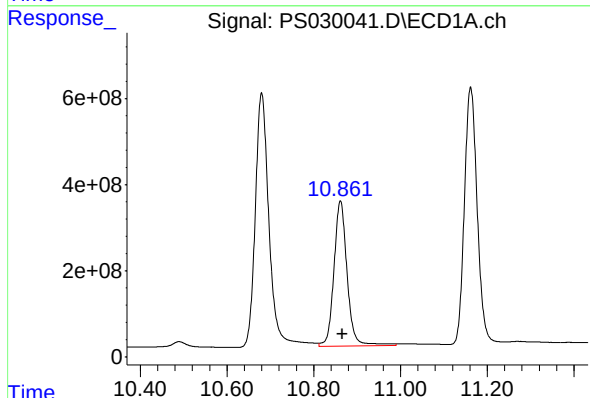
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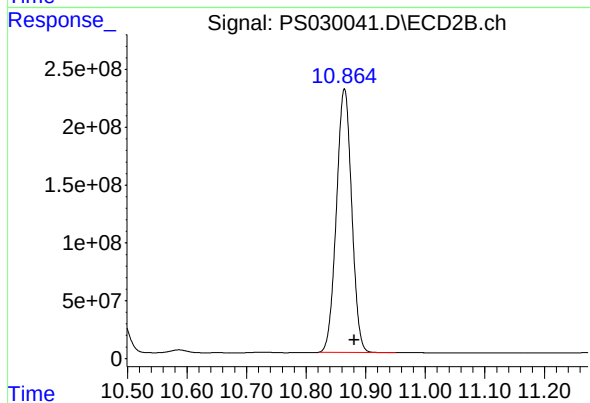
#13 2,4-DB

R.T.: 10.490 min
Delta R.T.: -0.016 min
Response: 557791820
Conc: 693.04 ng/ml



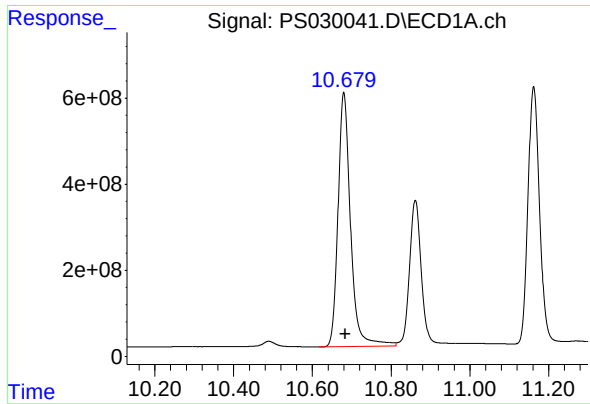
#14 DINOSEB

R.T.: 10.861 min
Delta R.T.: -0.004 min
Response: 7113634891
Conc: 699.24 ng/ml



#14 DINOSEB

R.T.: 10.864 min
Delta R.T.: -0.017 min
Response: 4063249852
Conc: 696.84 ng/ml



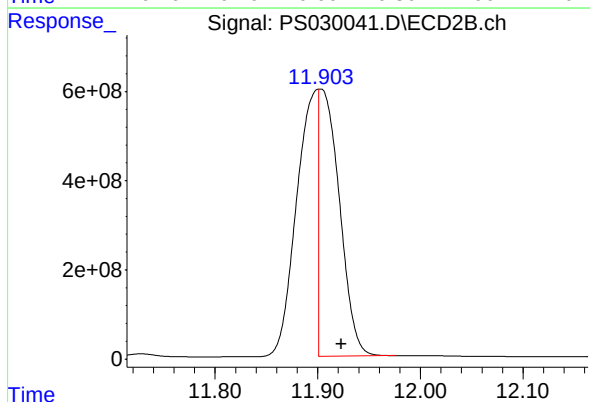
#15 Picloram

R.T.: 10.680 min
Delta R.T.: -0.004 min
Response: 13035887532
Conc: 711.15 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

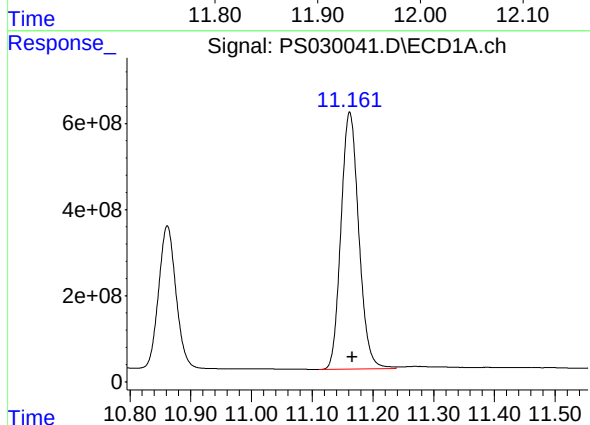
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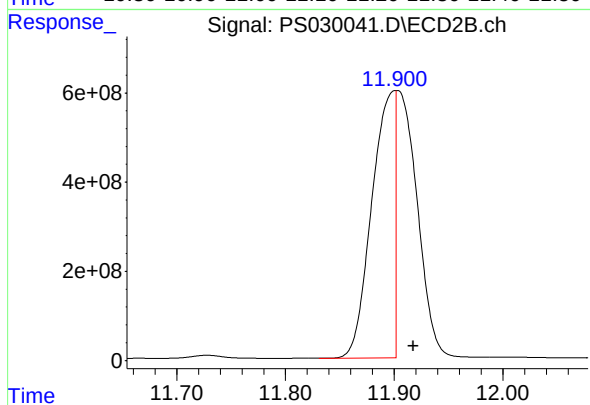
#15 Picloram

R.T.: 11.903 min
Delta R.T.: -0.020 min
Response: 7955463020
Conc: 647.65 ng/ml m



#16 DCPA

R.T.: 11.162 min
Delta R.T.: -0.004 min
Response: 12175434673
Conc: 715.32 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 8586896527
Conc: 761.81 ng/ml m