

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 16:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2025
 Supervised By : mohammad ahmed 04/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:41:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.950	7.473	1520.9E6	481.1E6	745.959	705.975
Target Compounds							
1) T	Dalapon	2.454	2.530	2300.0E6	1000.5E6	677.980	630.218
2) T	3,5-DICHL...	6.153	6.468	2190.5E6	627.0E6	728.287	649.403
3) T	4-Nitroph...	6.741	7.007	1015.2E6	465.8E6	722.680	656.984
5) T	DICAMBA	7.127	7.659	6095.3E6	2555.2E6	732.439	691.830
6) T	MCPD	7.305	7.766	390.6E6	110.3E6	72.075	65.316
7) T	MCPA	7.447	7.997	520.1E6	143.9E6	71.546m	63.227
8) T	DICHLORPROP	7.807	8.354	1504.6E6	640.0E6	684.080	662.465
9) T	2,4-D	8.028	8.668	1679.5E6	714.8E6	697.007	662.796
10) T	Pentachlo...	8.307	9.170	21740.6E6	13305.4E6	715.033	742.171
11) T	2,4,5-TP ...	8.872	9.548	8569.4E6	5295.4E6	737.763	734.155
12) T	2,4,5-T	9.154	9.954	8635.5E6	4948.8E6	750.627	738.316
13) T	2,4-DB	9.713	10.513	1383.5E6	519.7E6	761.541	700.401
14) T	DINOSEB	10.877	10.888	6136.1E6	3627.4E6	726.855	709.466
15) T	Picloram	10.695	11.922	11108.2E6	8935.8E6	716.640	755.703m
16) T	DCPA	11.178	11.922	10656.4E6	6881.3E6	763.019	777.488m

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

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Acq On : 17 Apr 2025 16:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

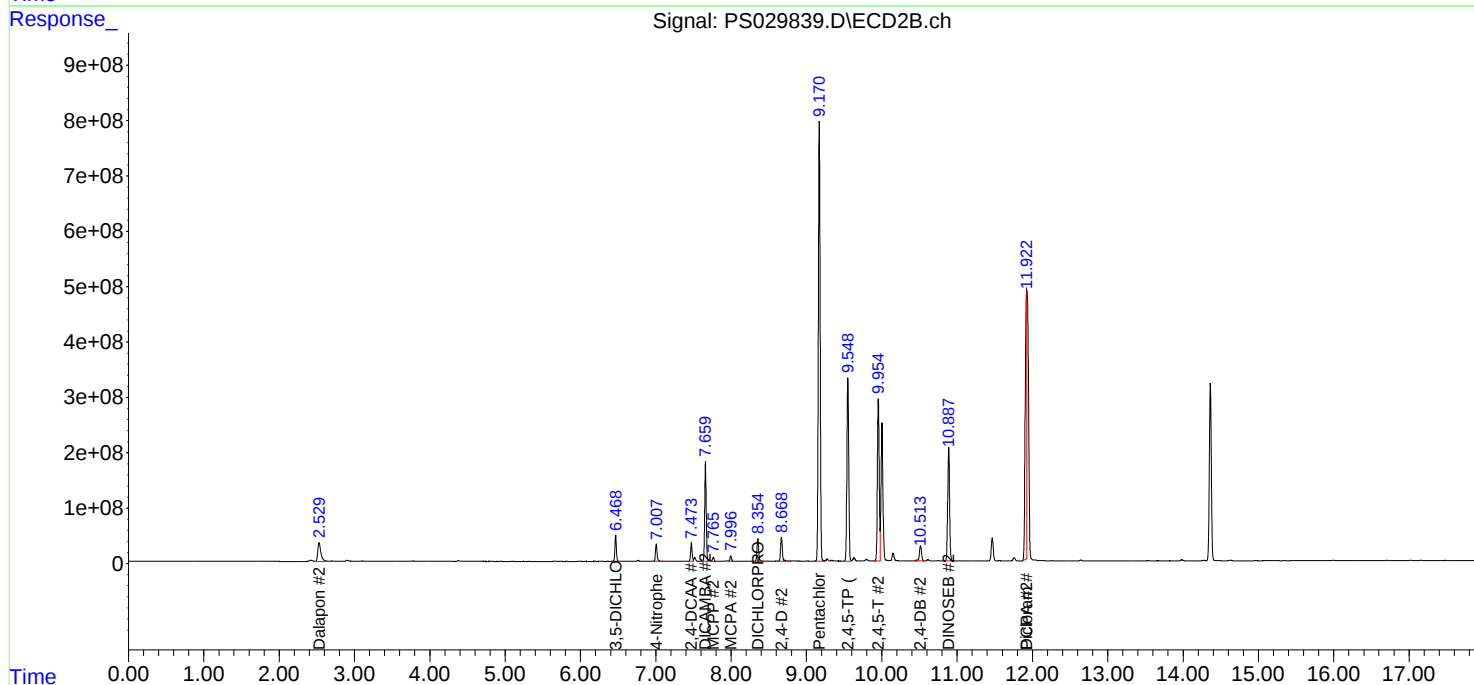
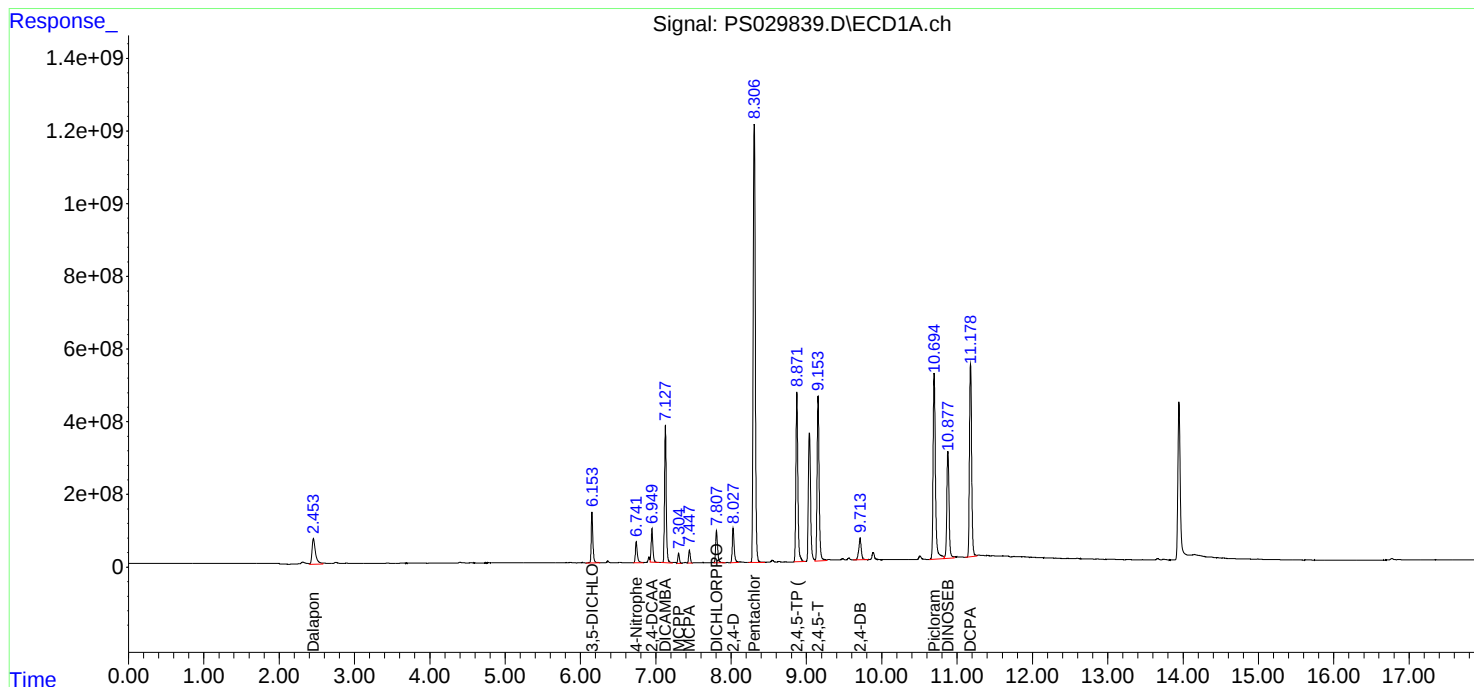
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

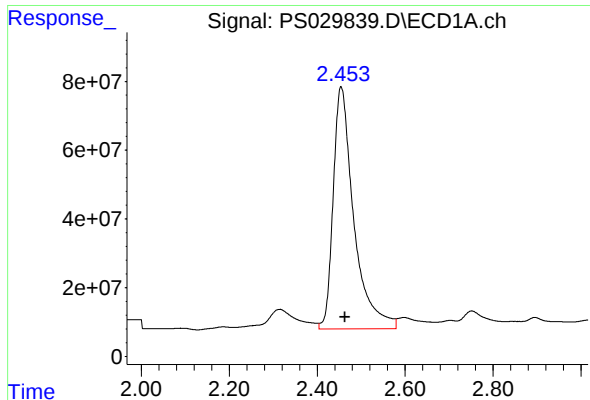
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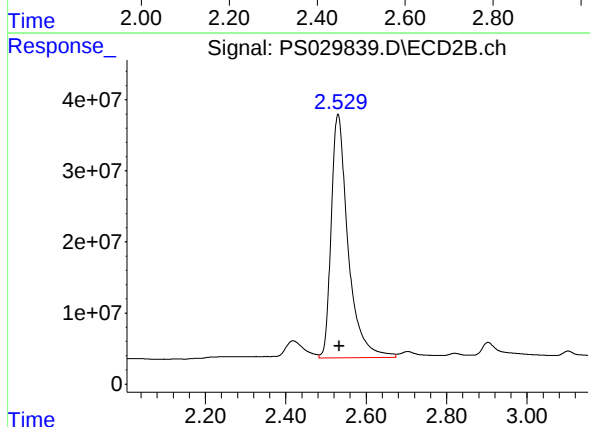
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 2299974696
Conc: 677.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

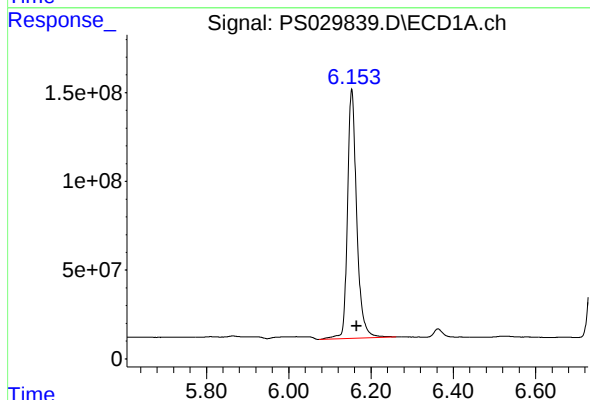
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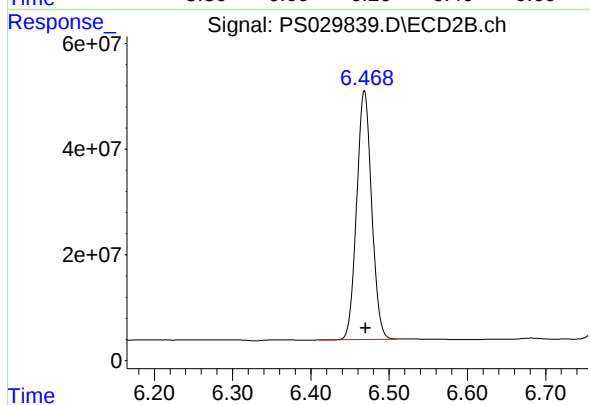
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 1000532139
Conc: 630.22 ng/ml



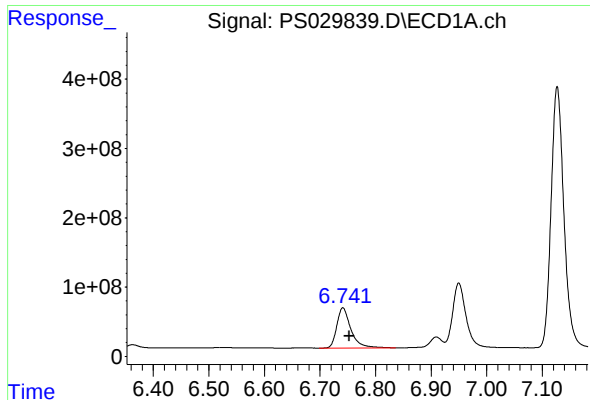
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.153 min
Delta R.T.: -0.012 min
Response: 2190512743
Conc: 728.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 627035949
Conc: 649.40 ng/ml



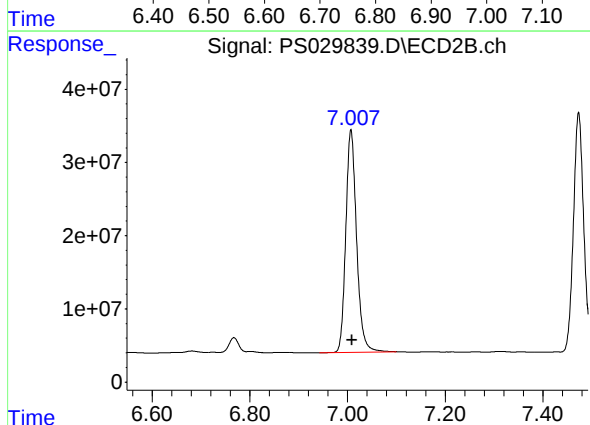
#3 4-Nitrophenol

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 1015219359
Conc: 722.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

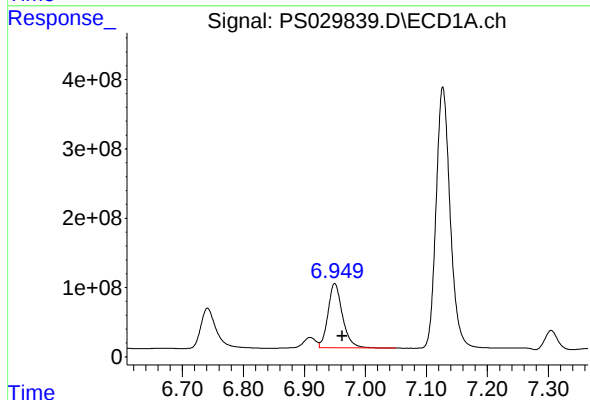
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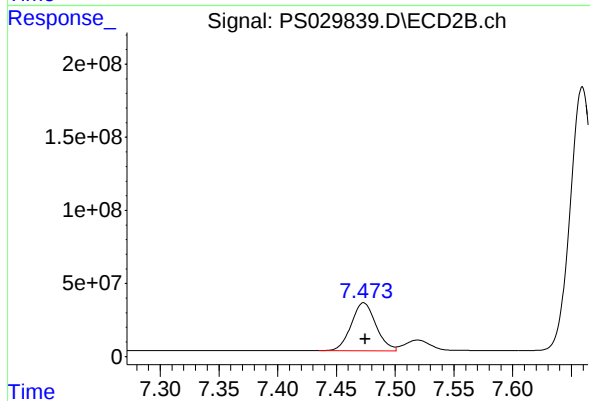
#3 4-Nitrophenol

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 465800400
Conc: 656.98 ng/ml



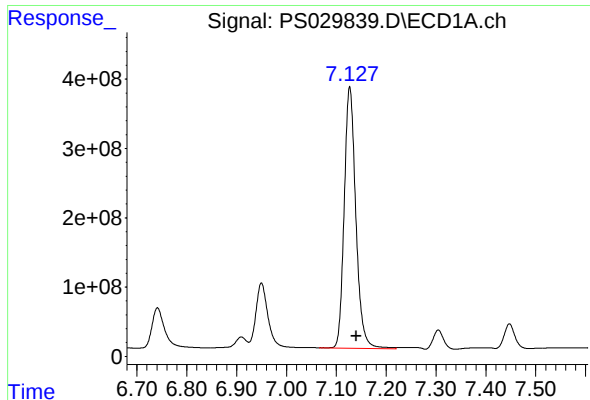
#4 2,4-DCAA

R.T.: 6.950 min
Delta R.T.: -0.013 min
Response: 1520884438
Conc: 745.96 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 481131259
Conc: 705.98 ng/ml



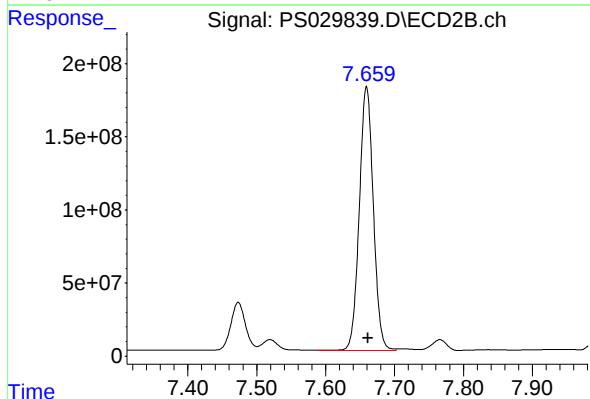
#5 DICAMBA

R.T.: 7.127 min
Delta R.T.: -0.013 min
Response: 6095316827
Conc: 732.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

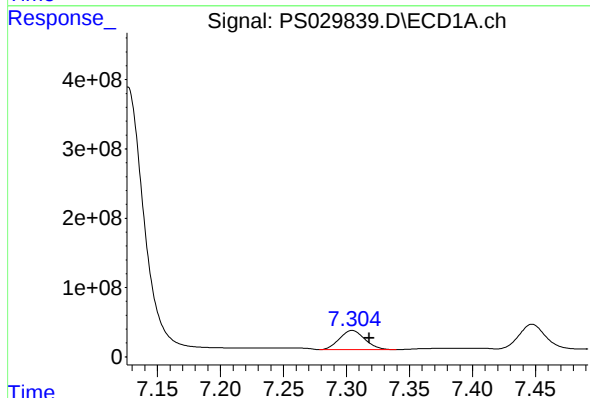
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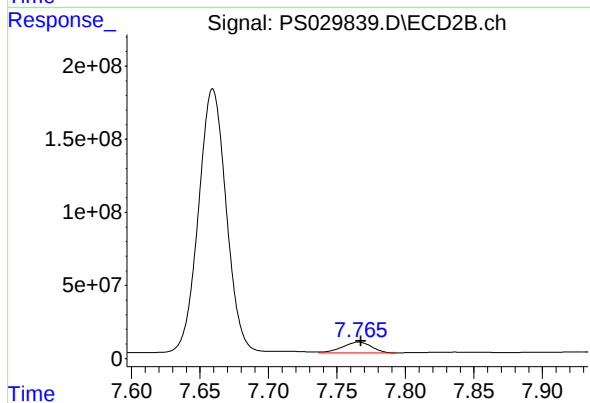
#5 DICAMBA

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 2555183118
Conc: 691.83 ng/ml



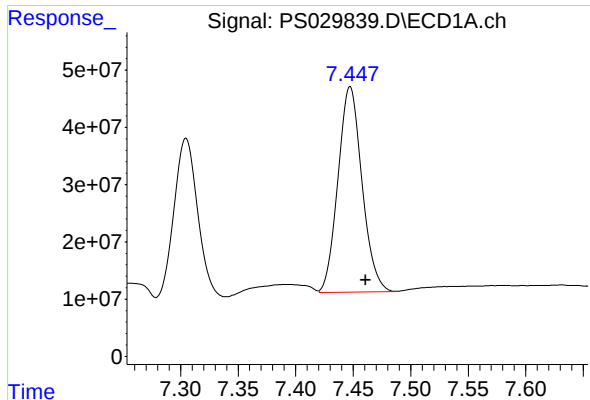
#6 MCP

R.T.: 7.305 min
Delta R.T.: -0.014 min
Response: 390634681
Conc: 72.07 ug/ml



#6 MCP

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 110283870
Conc: 65.32 ug/ml



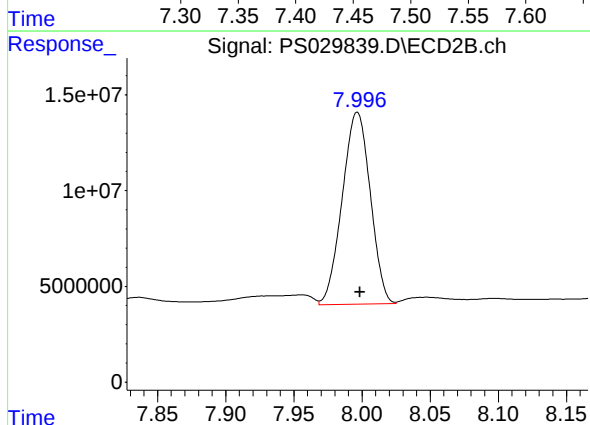
#7 MCPA

R.T.: 7.447 min
Delta R.T.: -0.014 min
Response: 520072099
Conc: 71.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

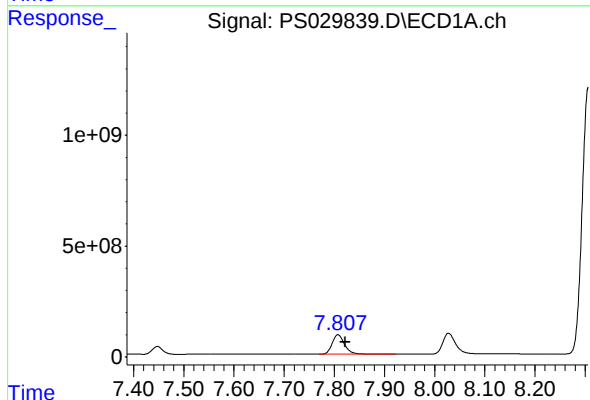
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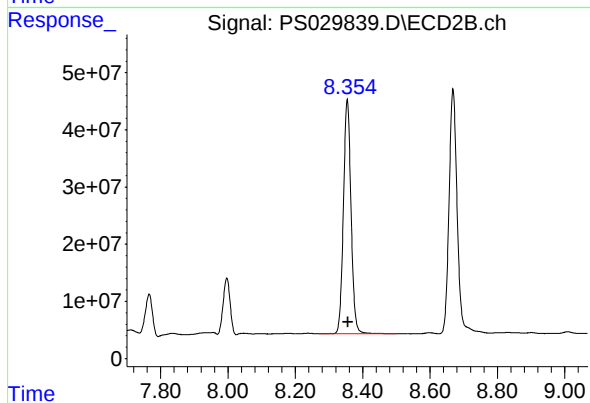
#7 MCPA

R.T.: 7.997 min
Delta R.T.: -0.002 min
Response: 143857244
Conc: 63.23 ug/ml



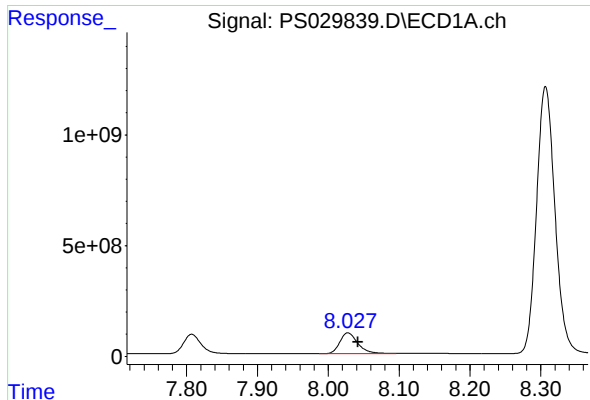
#8 DICHLORPROP

R.T.: 7.807 min
Delta R.T.: -0.015 min
Response: 1504591474
Conc: 684.08 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min
Delta R.T.: -0.002 min
Response: 640042374
Conc: 662.47 ng/ml



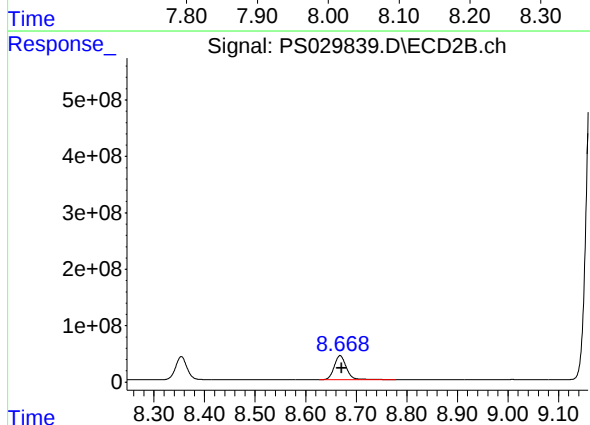
#9 2,4-D

R.T.: 8.028 min
Delta R.T.: -0.014 min
Response: 1679500974
Conc: 697.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

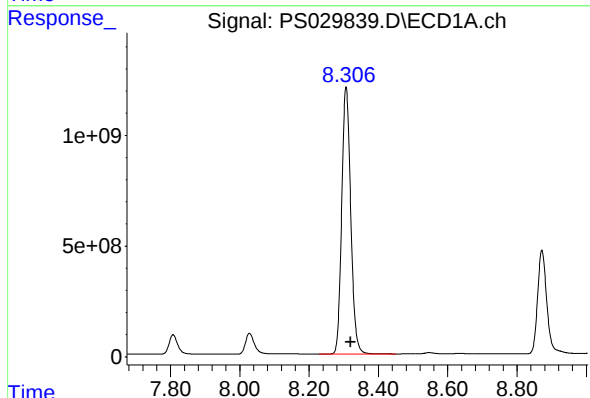
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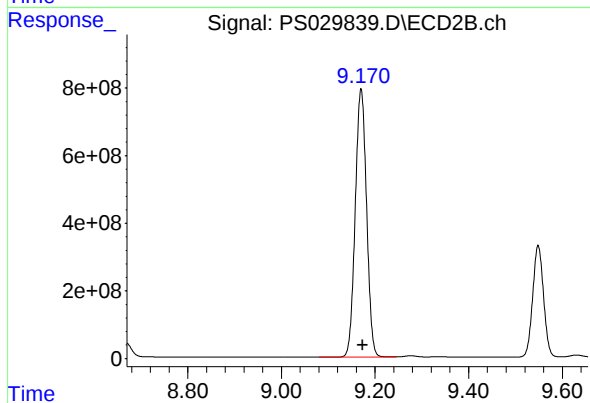
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 714801673
Conc: 662.80 ng/ml



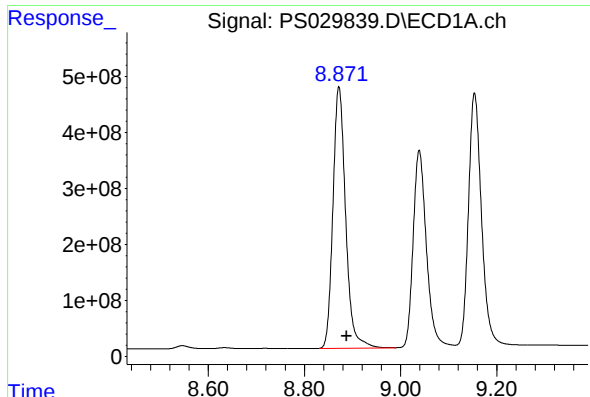
#10 Pentachlorophenol

R.T.: 8.307 min
Delta R.T.: -0.014 min
Response: 21740584856
Conc: 715.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 13305435736
Conc: 742.17 ng/ml



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

R.T.: 8.872 min
Delta R.T.: -0.016 min
Response: 8569377210
Conc: 737.76 ng/ml

Instrument :

ECD_S

ClientSampleId :

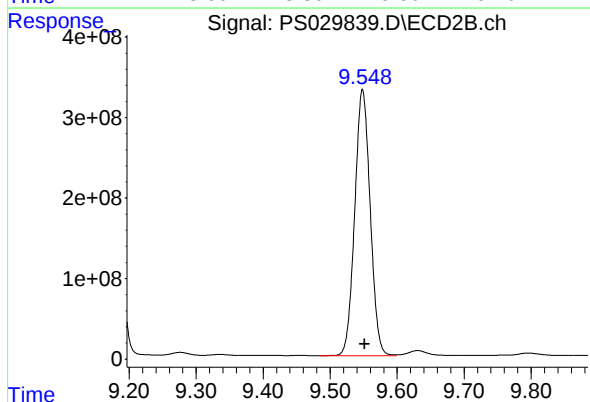
HSTDCCC750

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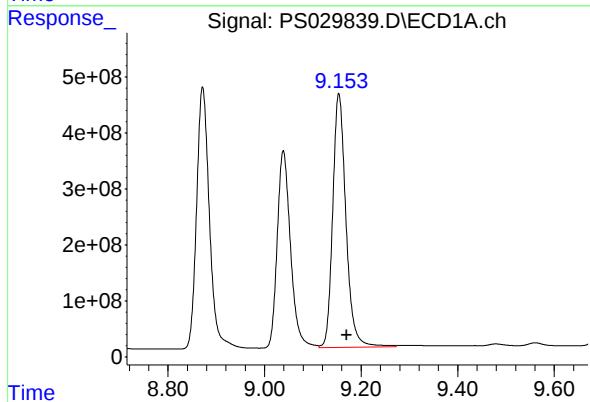
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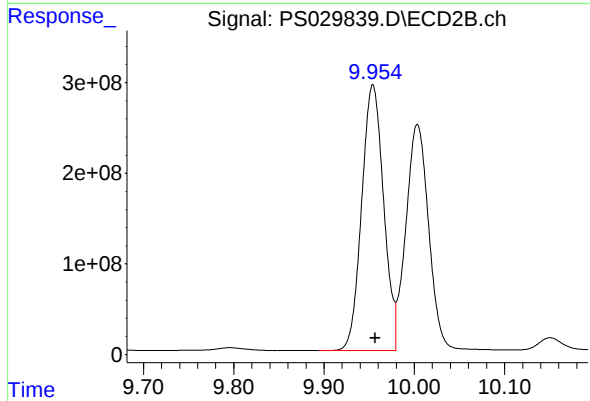
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min
Delta R.T.: -0.003 min
Response: 5295430202
Conc: 734.15 ng/ml



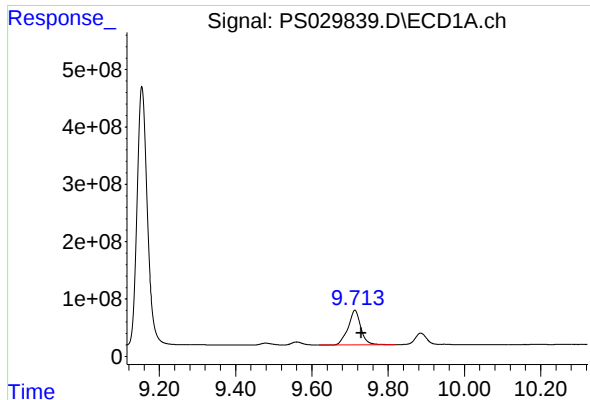
#12 2,4,5-T

R.T.: 9.154 min
Delta R.T.: -0.016 min
Response: 8635534776
Conc: 750.63 ng/ml



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 4948811198
Conc: 738.32 ng/ml



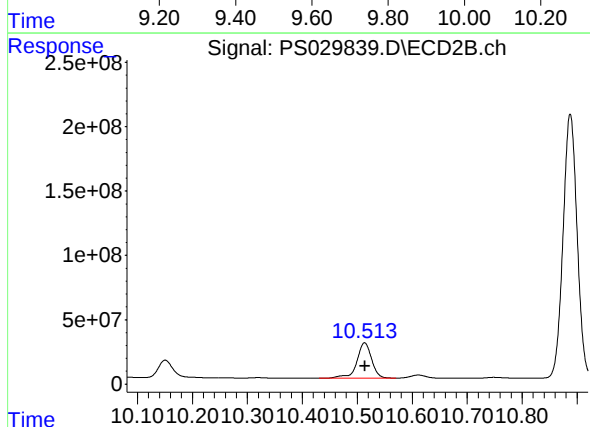
#13 2,4-DB

R.T.: 9.713 min
Delta R.T.: -0.016 min
Response: 1383525895
Conc: 761.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
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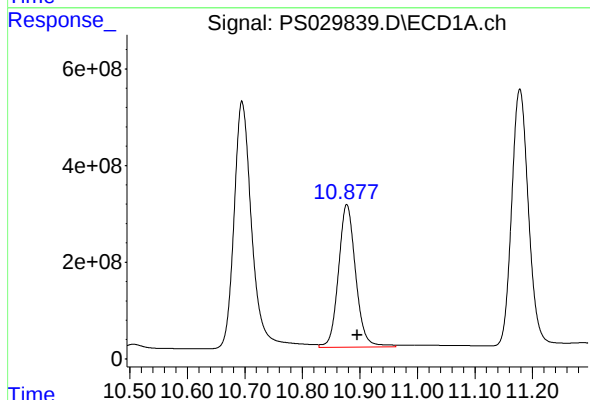
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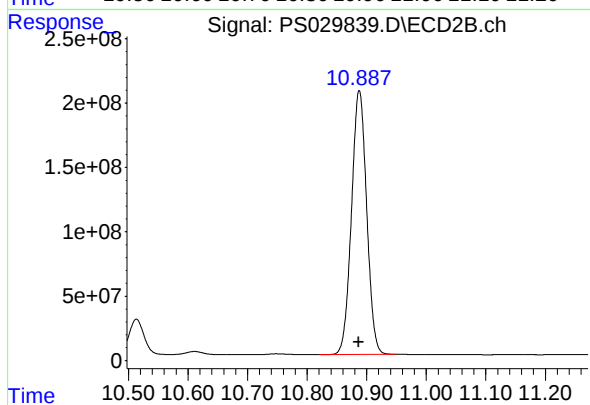
#13 2,4-DB

R.T.: 10.513 min
Delta R.T.: 0.000 min
Response: 519680041
Conc: 700.40 ng/ml



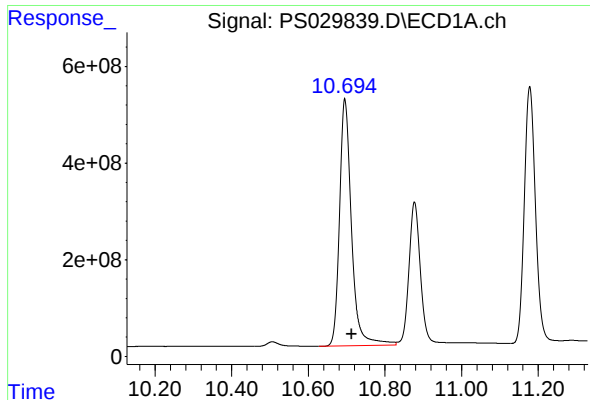
#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.018 min
Response: 6136142032
Conc: 726.86 ng/ml



#14 DINOSEB

R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 3627361900
Conc: 709.47 ng/ml



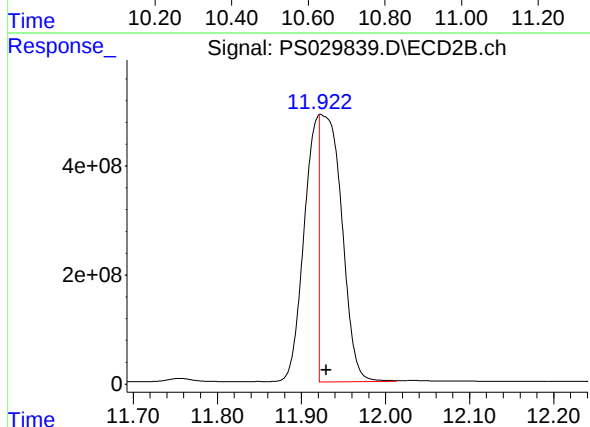
#15 Picloram

R.T.: 10.695 min
Delta R.T.: -0.018 min
Response: 11108204677
Conc: 716.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

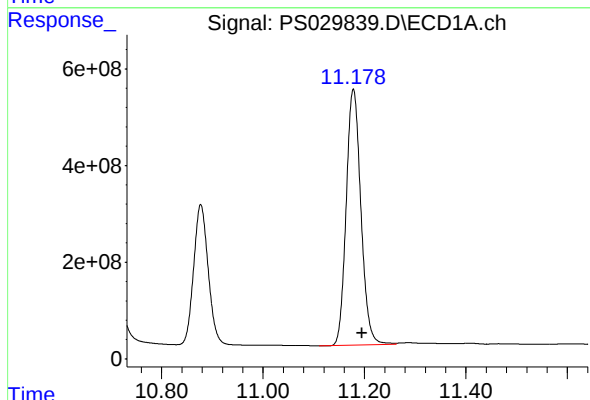
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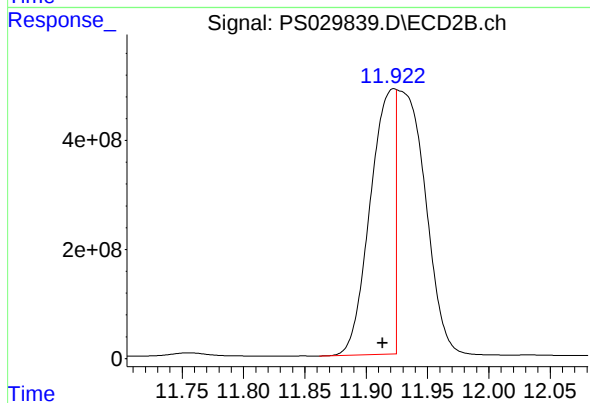
#15 Picloram

R.T.: 11.922 min
Delta R.T.: -0.008 min
Response: 8935755316
Conc: 755.70 ng/ml m



#16 DCPA

R.T.: 11.178 min
Delta R.T.: -0.017 min
Response: 10656410245
Conc: 763.02 ng/ml



#16 DCPA

R.T.: 11.922 min
Delta R.T.: 0.009 min
Response: 6881288271
Conc: 777.49 ng/ml m