

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 16:45
 Operator : AR\AJ
 Sample : PB169975BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169975BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:30:26 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	7.282	7.742	2063.3E6	496.2E6	572.906	545.967
Target Compounds							
1) T	Dalapon	2.667	2.688	2521.2E6	1279.2E6	436.131	453.995
2) T	3,5-DICHL...	6.450	6.695	2831.2E6	792.3E6	530.850	519.542m
3) T	4-Nitroph...	7.100	7.306	595.4E6	590.3E6	539.673	467.480m
5) T	DICAMBA	7.463	7.936	8251.7E6	3423.2E6	529.066	526.092
6) T	MCPD	7.640	8.031	485.0E6	97992740	54.259m	52.030
7) T	MCPA	7.789	8.277	599.0E6	149.4E6	53.911	53.341
8) T	DICHLORPROP	8.172	8.656	1834.5E6	801.7E6	515.062m	550.985
9) T	2,4-D	8.412	9.002	1795.8E6	841.5E6	524.218m	511.494
10) T	Pentachlo...	8.701	9.504	32484.0E6	23264.4E6	611.822	586.145
11) T	2,4,5-TP ...	9.280	9.889	11581.5E6	8189.0E6	552.191	543.963
12) T	2,4,5-T	9.578	10.320	10439.1E6	6989.3E6	570.497	519.380
13) T	2,4-DB	10.156	10.889	1040.5E6	454.2E6	446.029m	424.490m
14) T	DINOSEB	11.347	11.261	8689.2E6	5906.5E6	602.470	607.624
15) T	Picloram	11.184	12.388	8549.3E6	10819.2E6	474.667	456.828
16) T	DCPA	11.646	12.302	15746.7E6	13647.1E6	584.294	566.172

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

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Operator : AR\AJ
Sample : PB169975BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

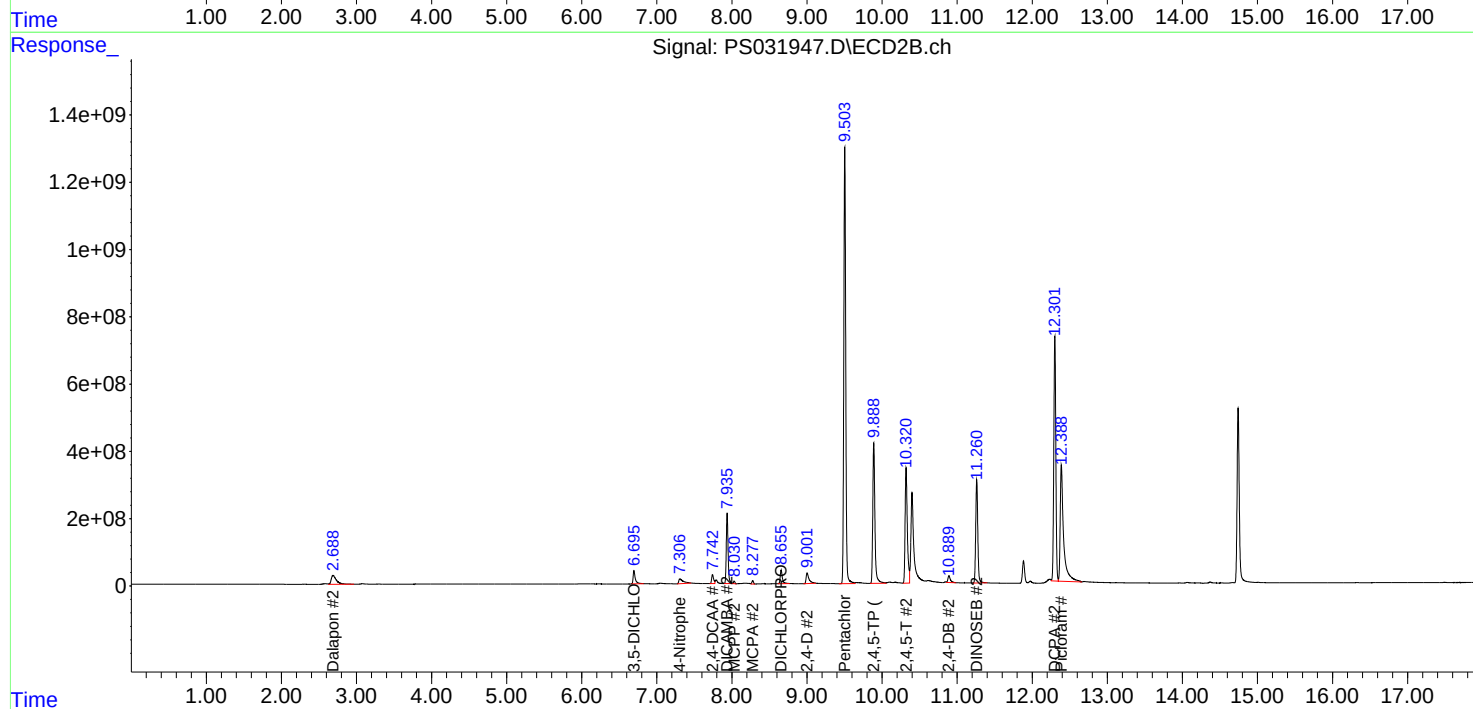
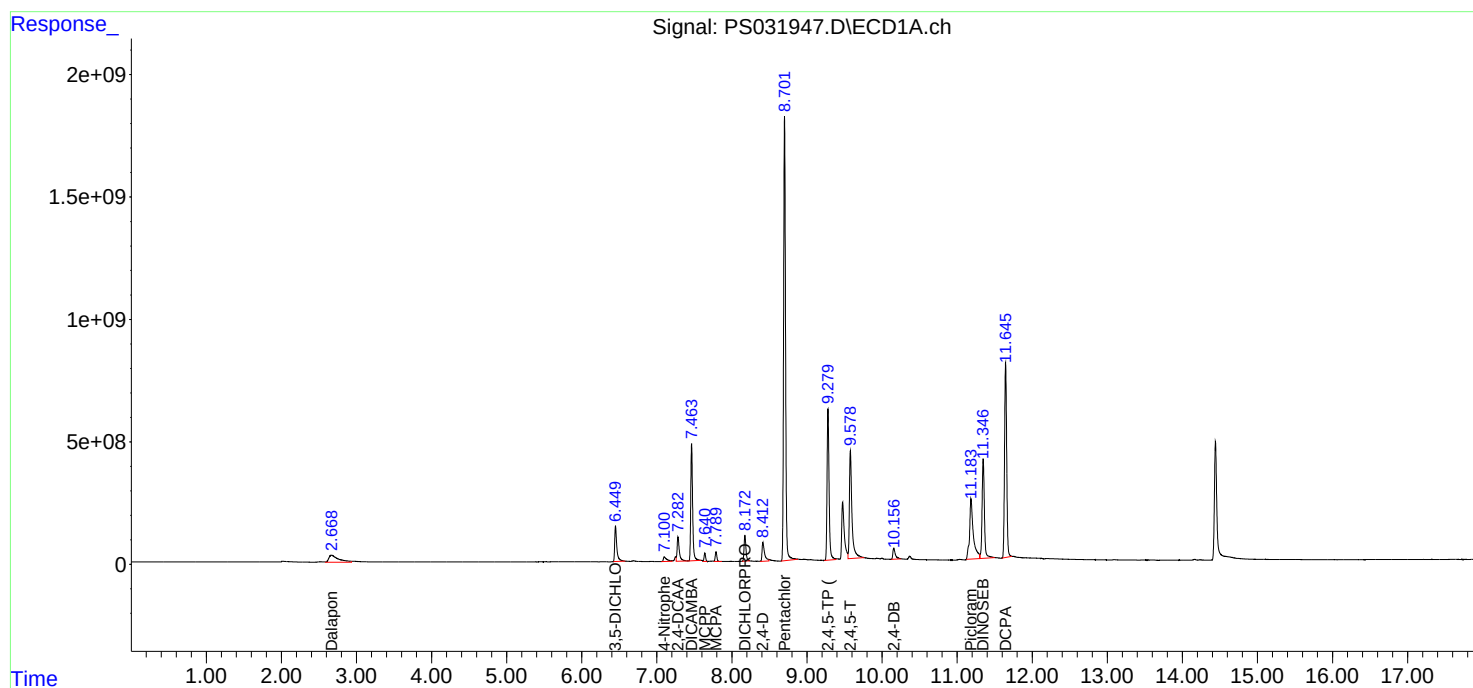
Instrument :
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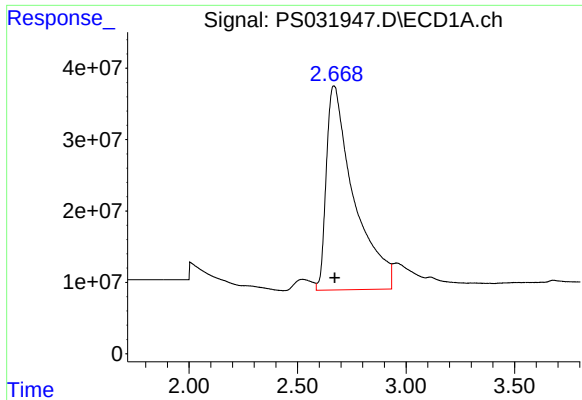
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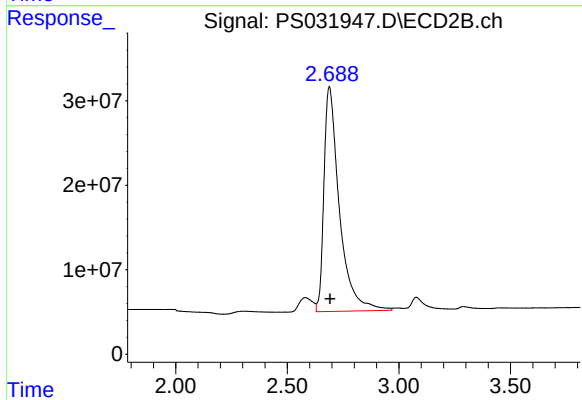
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.004 min
Response: 2521164138
Conc: 436.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

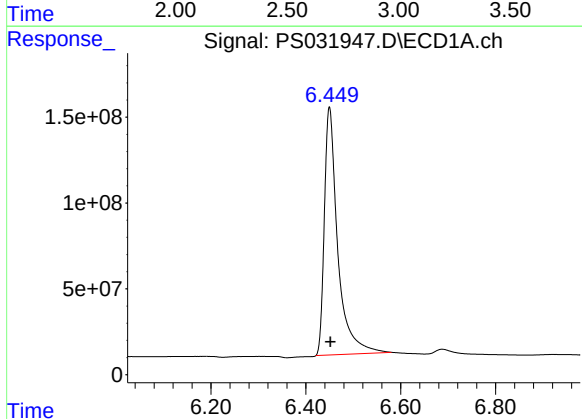
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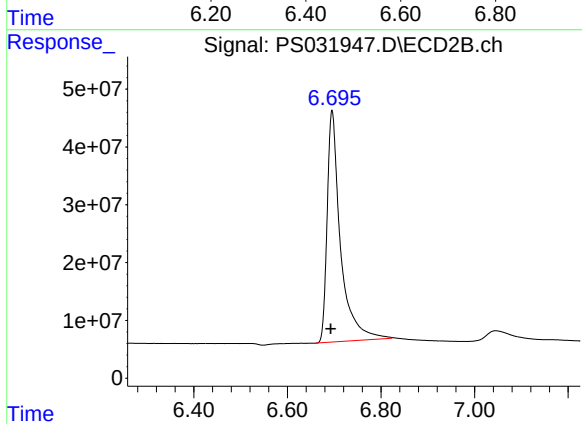
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.003 min
Response: 1279188127
Conc: 453.99 ng/ml



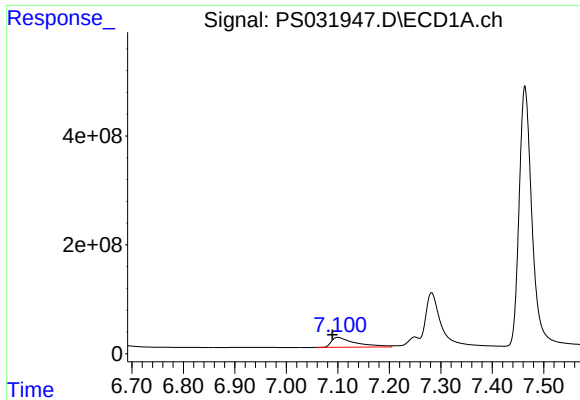
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 2831212099
Conc: 530.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 792283428
Conc: 519.54 ng/ml m



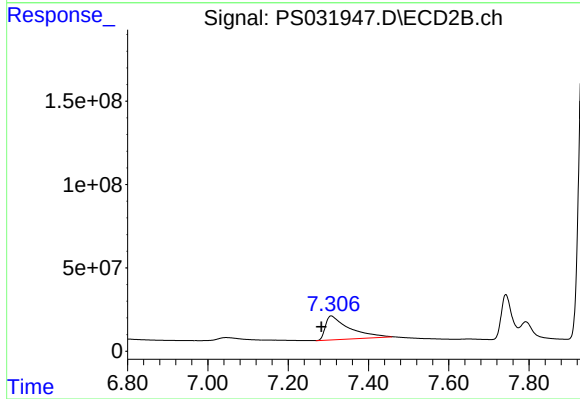
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.011 min
Response: 595372101
Conc: 539.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

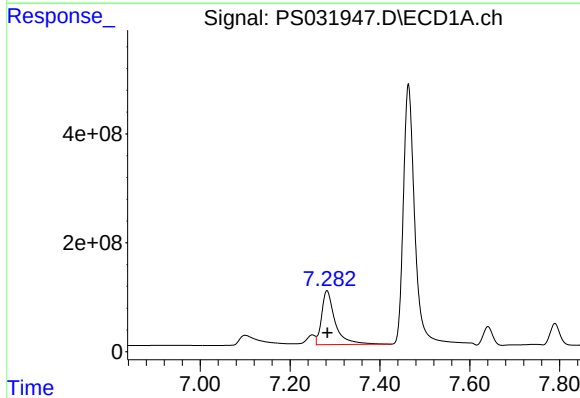
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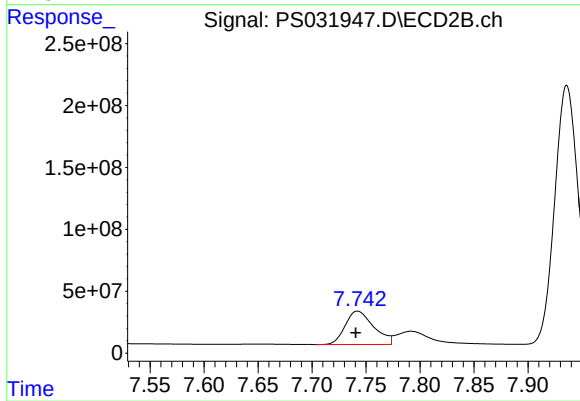
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.023 min
Response: 590327972
Conc: 467.48 ng/ml m



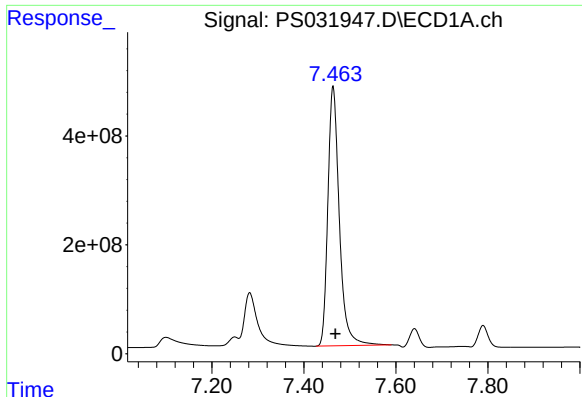
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 2063336374
Conc: 572.91 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.002 min
Response: 496228918
Conc: 545.97 ng/ml



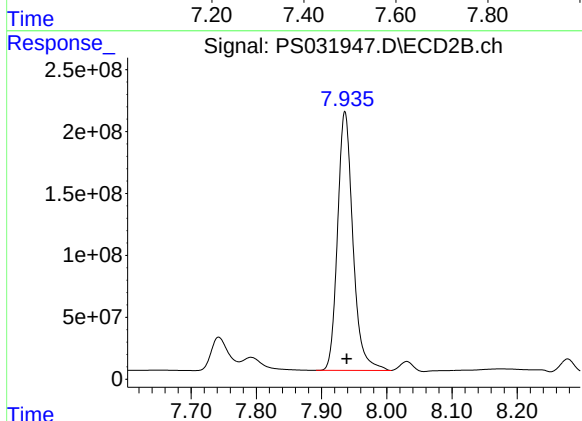
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.005 min
Response: 8251684433
Conc: 529.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

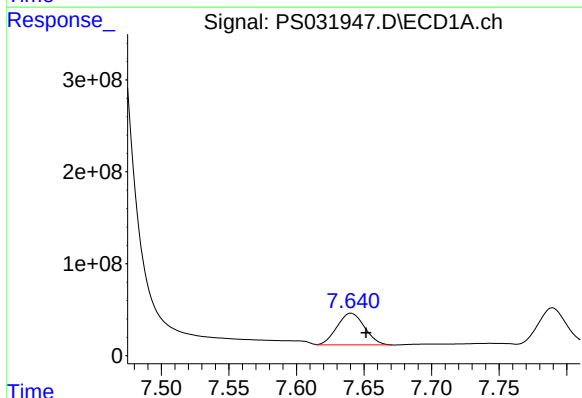
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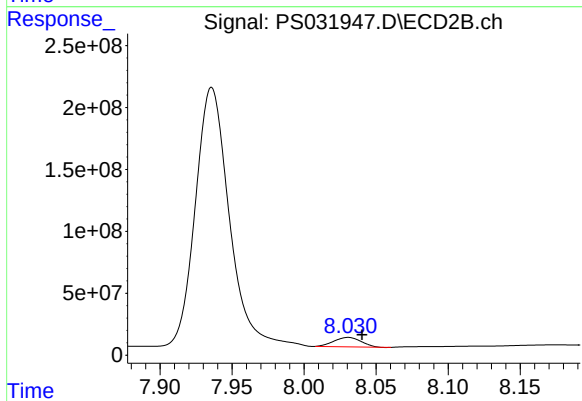
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 3423203720
Conc: 526.09 ng/ml



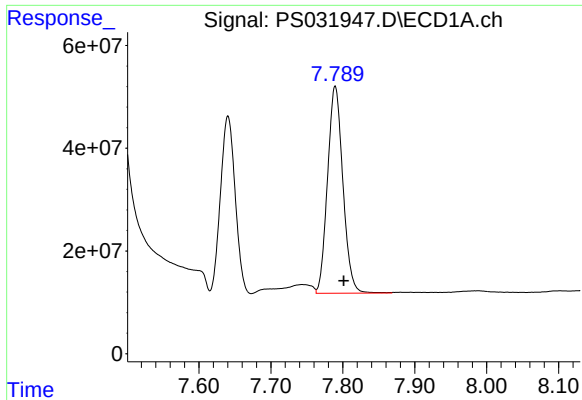
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.011 min
Response: 485030876
Conc: 54.26 ug/ml m



#6 MCPP

R.T.: 8.031 min
Delta R.T.: -0.010 min
Response: 97992740
Conc: 52.03 ug/ml



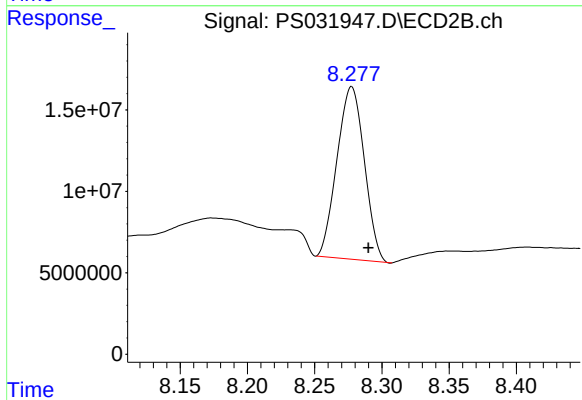
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.012 min
Response: 598969297
Conc: 53.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

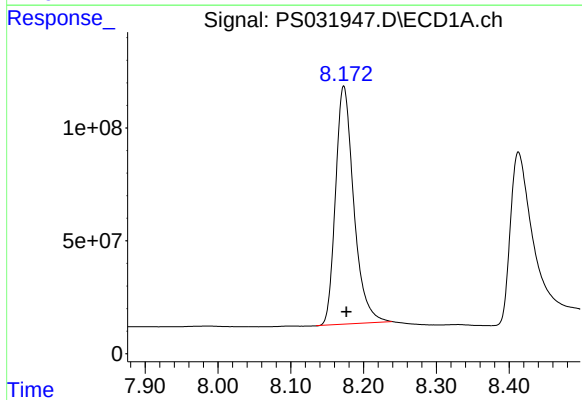
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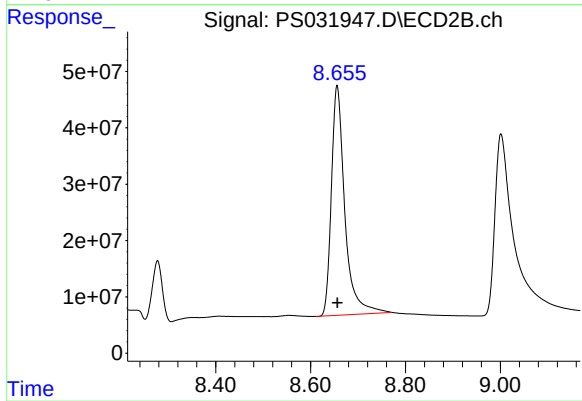
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.013 min
Response: 149419750
Conc: 53.34 ug/ml



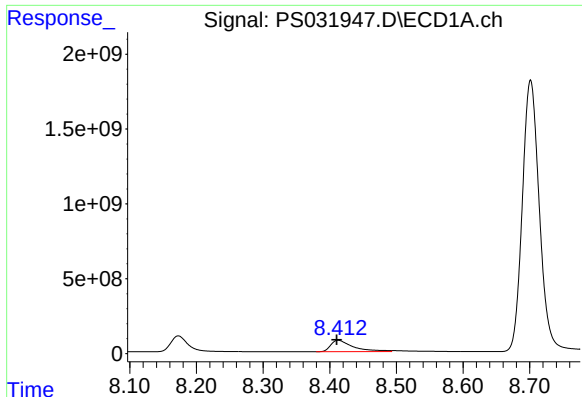
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 1834529837
Conc: 515.06 ng/ml m



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 801716118
Conc: 550.98 ng/ml



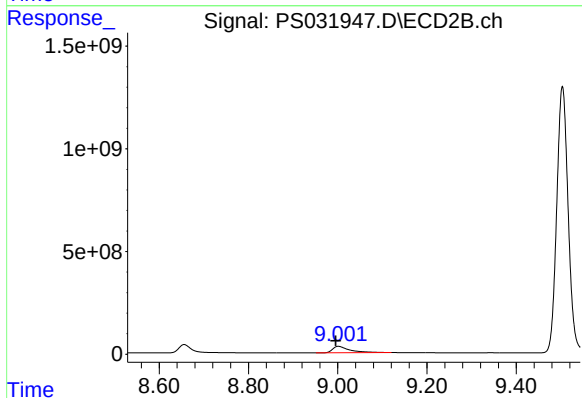
#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 1795783041
Conc: 524.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

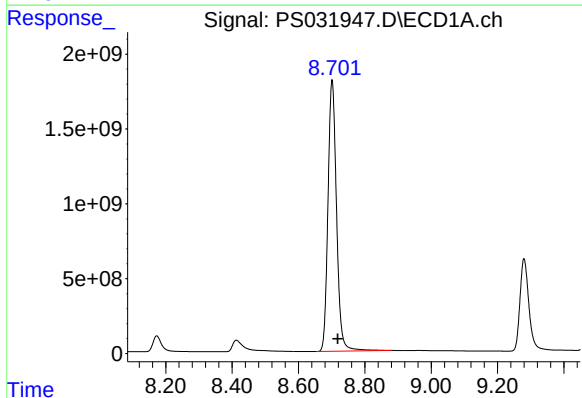
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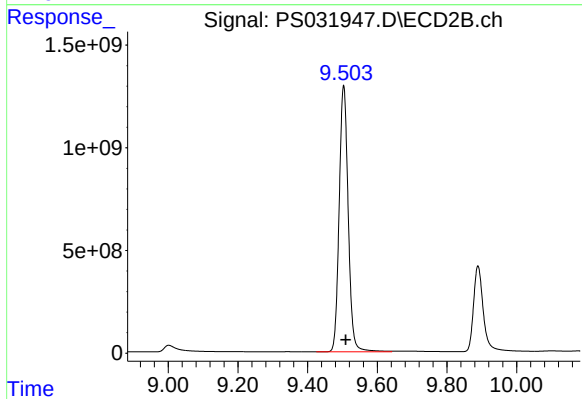
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 841463902
Conc: 511.49 ng/ml



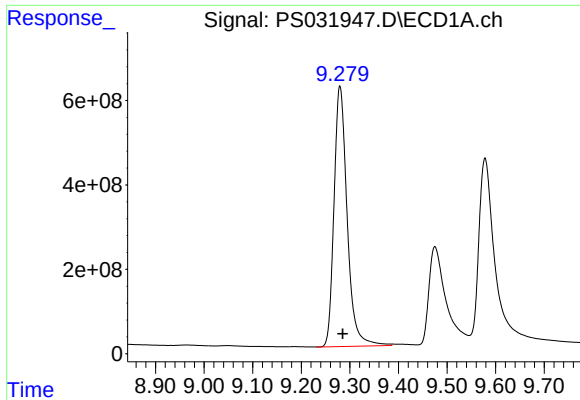
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.017 min
Response: 32483989325
Conc: 611.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 23264392639
Conc: 586.14 ng/ml



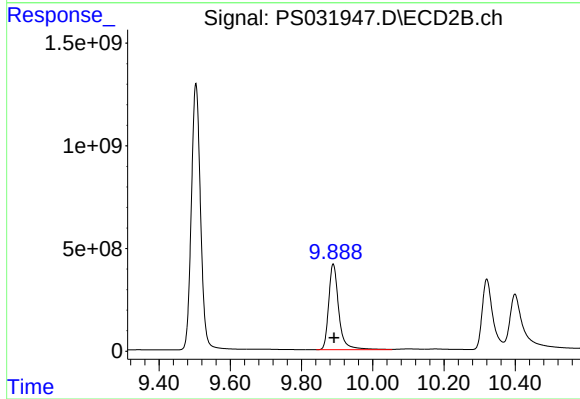
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.006 min
Response: 11581477276
Conc: 552.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

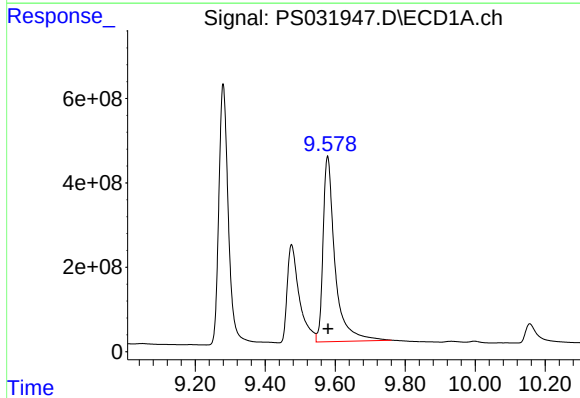
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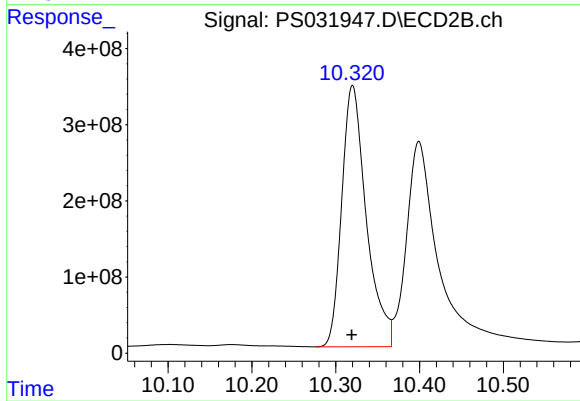
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.003 min
Response: 8188994924
Conc: 543.96 ng/ml



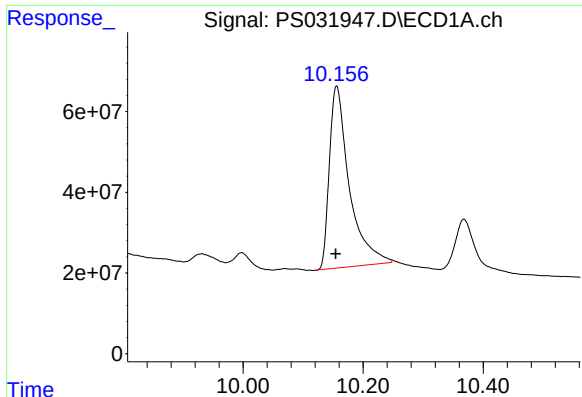
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.001 min
Response: 10439053481
Conc: 570.50 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.000 min
Response: 6989305042
Conc: 519.38 ng/ml



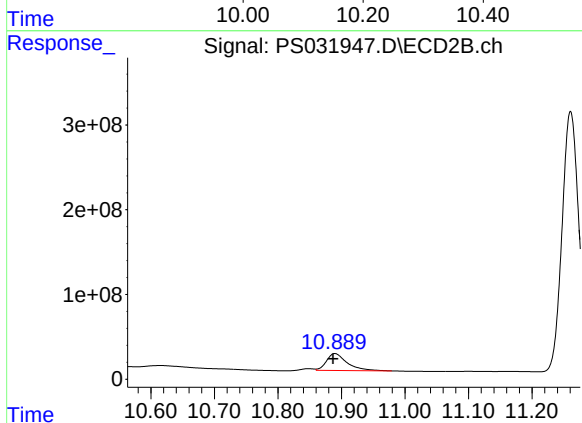
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 1040482211
Conc: 446.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169975BS

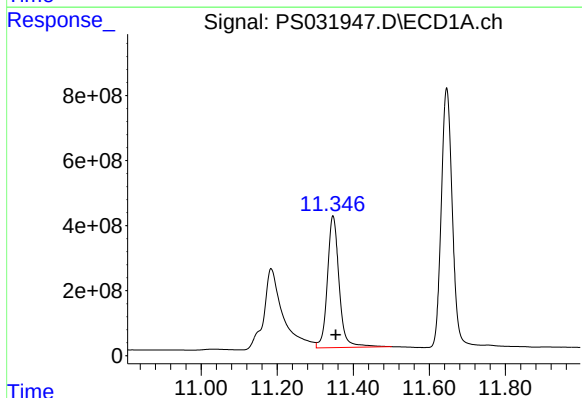
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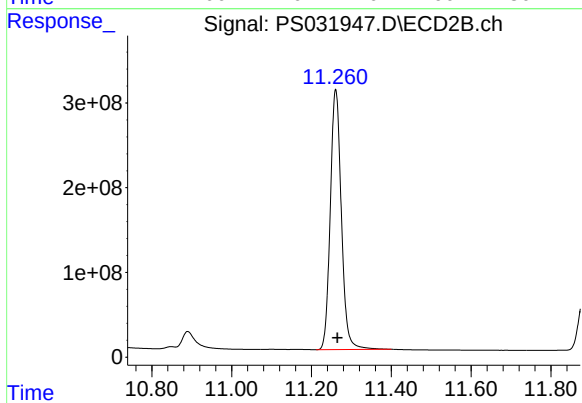
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.002 min
Response: 454223213
Conc: 424.49 ng/ml m



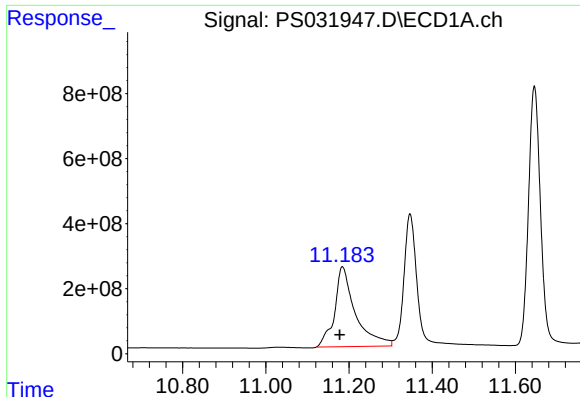
#14 DINOSEB

R.T.: 11.347 min
Delta R.T.: -0.008 min
Response: 8689244477
Conc: 602.47 ng/ml



#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: -0.005 min
Response: 5906516124
Conc: 607.62 ng/ml



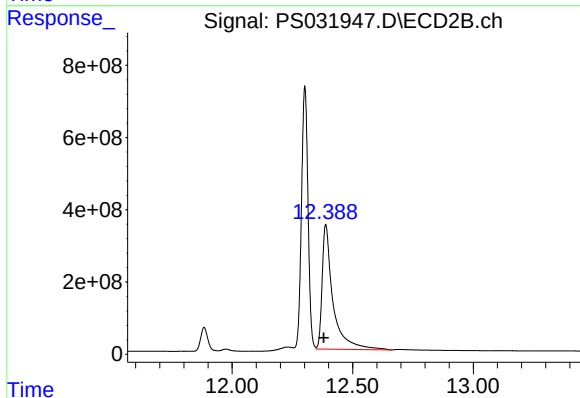
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.006 min
Response: 8549261826
Conc: 474.67 ng/ml

Instrument :
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PB169975BS

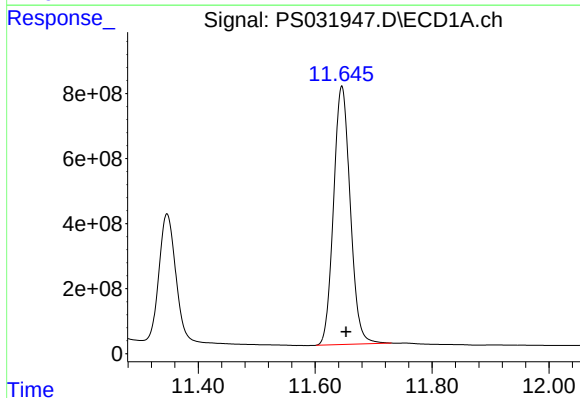
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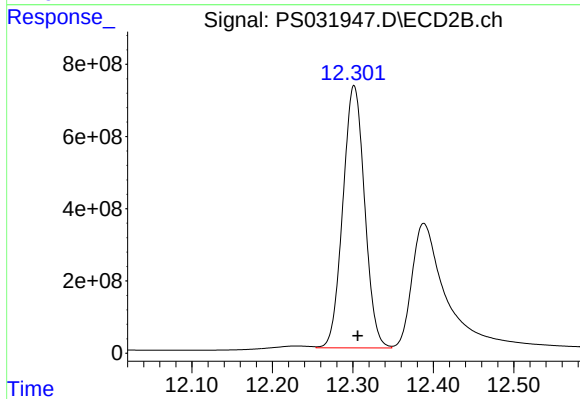
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 10819177298
Conc: 456.83 ng/ml



#16 DCPA

R.T.: 11.646 min
Delta R.T.: -0.007 min
Response: 15746662491
Conc: 584.29 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.005 min
Response: 13647059288
Conc: 566.17 ng/ml