

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 14:54
 Operator : AR\AJ
 Sample : Q1671-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:28:16 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 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	6.959	7.475	779.5E6	255.8E6	382.348m	375.310
Target Compounds							
1) T	Dalapon	2.461	2.532	1177.6E6	633.1E6	347.134	398.766
2) T	3,5-DICHL...	6.164	6.470	933.9E6	274.8E6	310.506	284.586
3) T	4-Nitroph...	6.750	7.008	126.9E6	71675172	90.319m	101.094m
5) T	DICAMBA	7.138	7.662	2723.1E6	1156.7E6	327.219m	313.183
6) T	MCPD	7.315	7.766	111.7E6	34489334	20.617	20.426
7) T	MCPA	7.457	7.996	205.0E6	97604141	28.205	42.898 #
8) T	DICHLORPROP	7.821	8.356	688.7E6	283.0E6	313.113	292.950
9) T	2,4-D	8.041	8.671	1047.8E6	440.0E6	434.829	407.984
10) T	Pentachlo...	8.319	9.172	6610.0E6	3933.6E6	217.397	219.414
11) T	2,4,5-TP ...	8.886	9.551	2505.3E6	1732.3E6	215.693	240.168
12) T	2,4,5-T	9.168	9.956	2984.0E6	1829.2E6	259.379	272.906
13) T	2,4-DB	9.729	10.512	457.7E6	211.4E6	251.951m	284.937m
14) T	DINOSEB	10.894	10.881	61894069	84426771	7.332m	16.513m#
15) T	Picloram	10.711	11.928	4978.1E6	2313.4E6	321.158	195.649m#
16) T	DCPA	11.194	11.908	5564.5E6	5132.9E6	398.430	579.943m#

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

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ALS Vial : 12 Sample Multiplier: 1

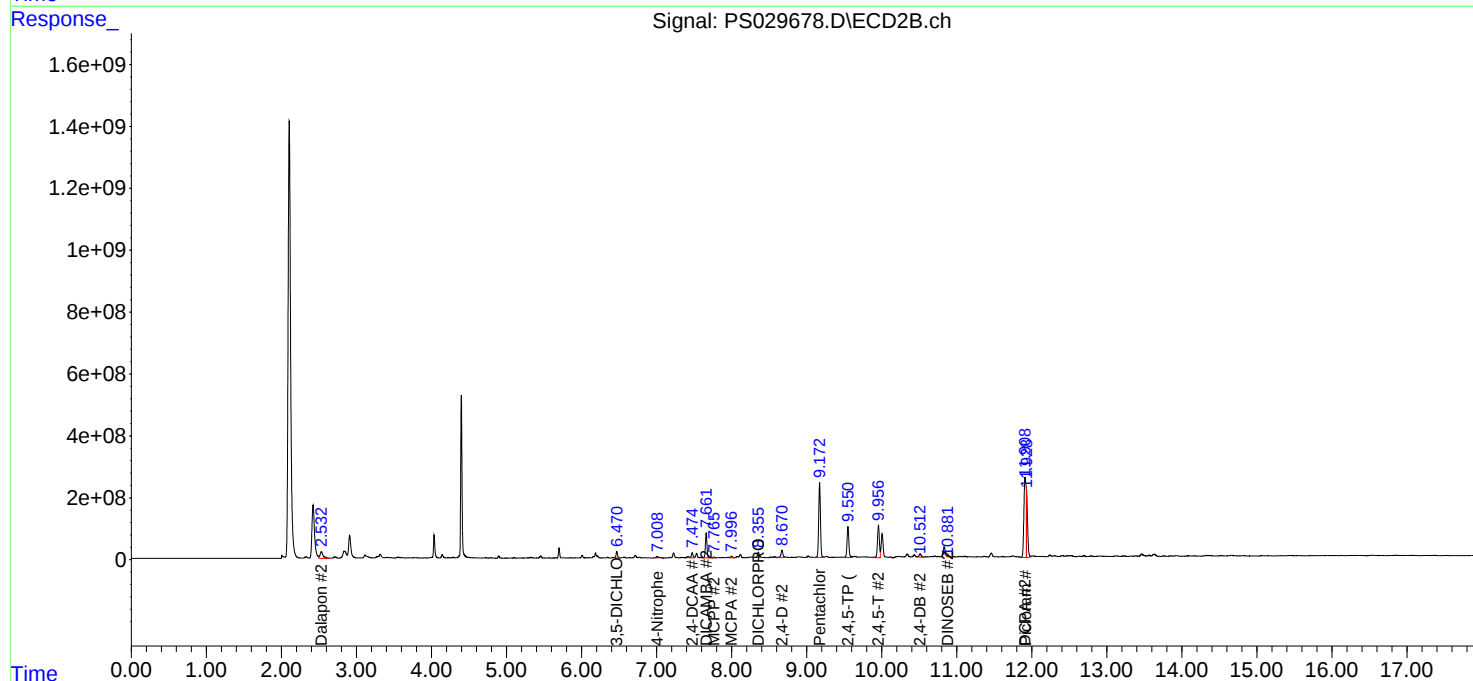
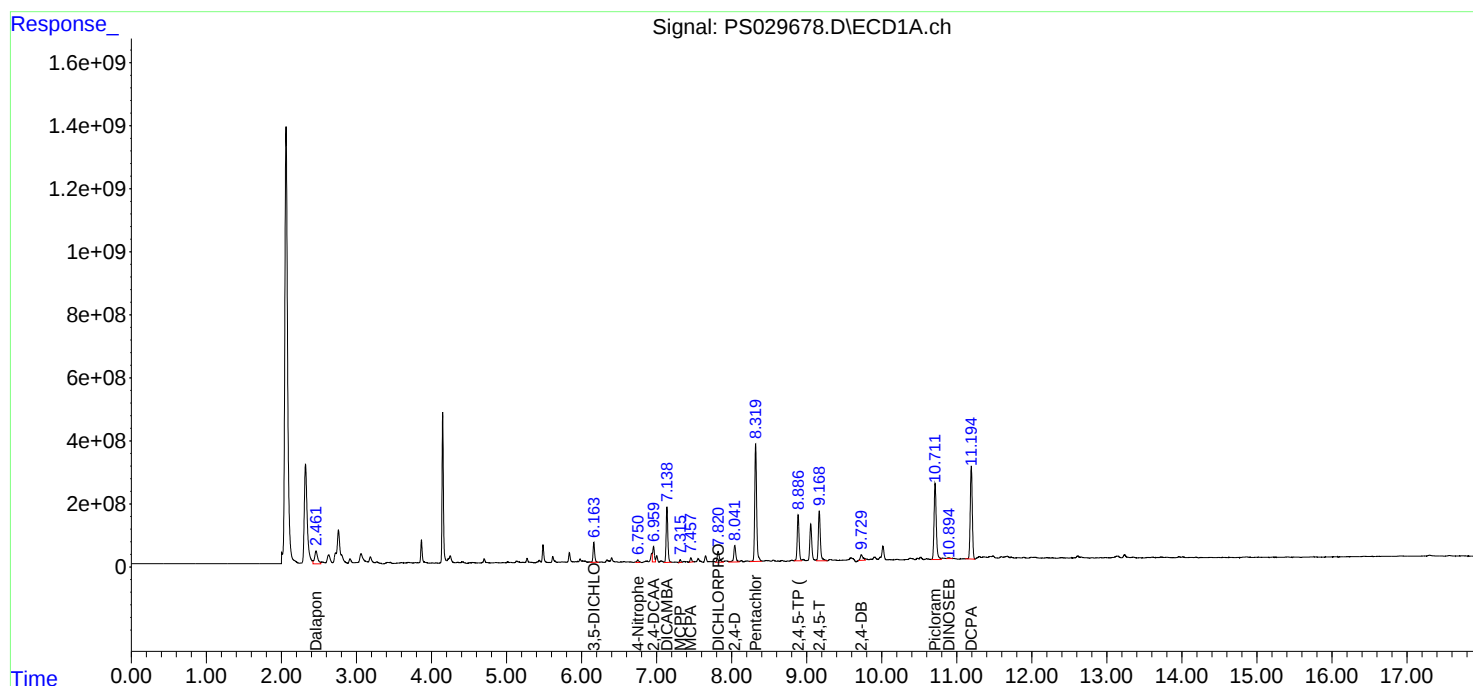
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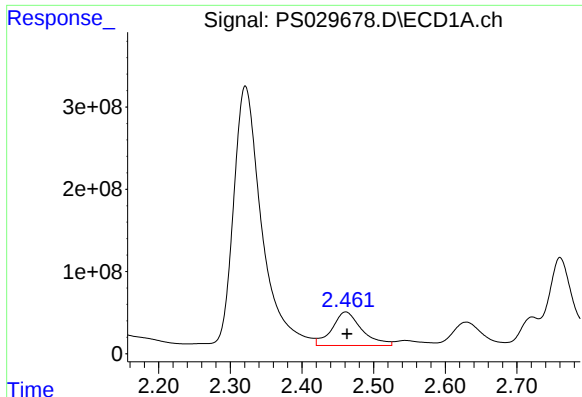
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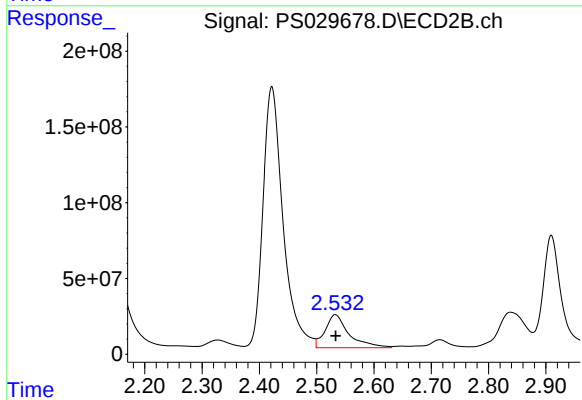
#1 Dalapon

R.T.: 2.461 min
Delta R.T.: -0.002 min
Response: 1177616067
Conc: 347.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

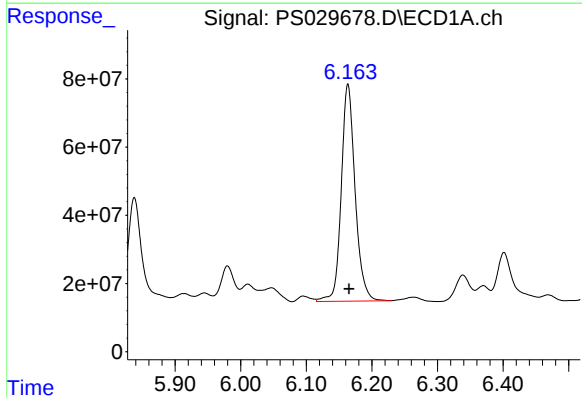
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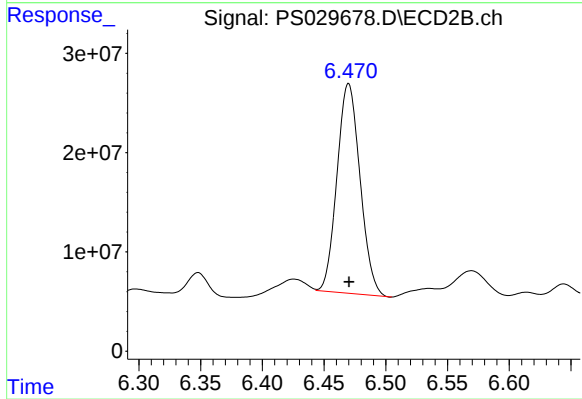
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: 0.000 min
Response: 633078757
Conc: 398.77 ng/ml



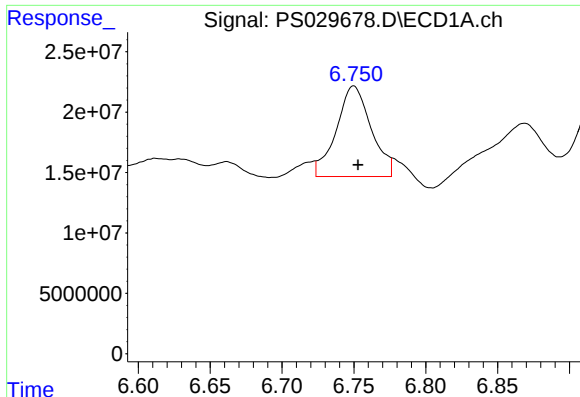
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 933926655
Conc: 310.51 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 274784033
Conc: 284.59 ng/ml



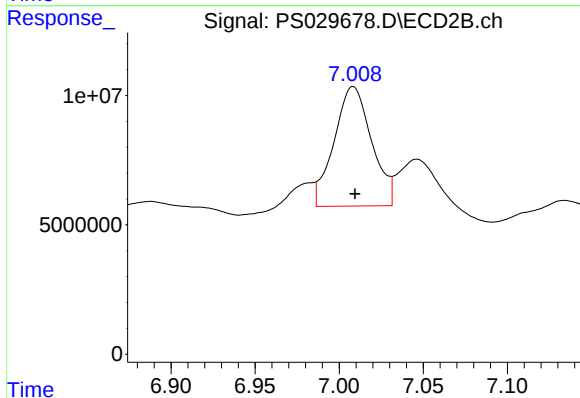
#3 4-Nitrophenol

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 126880714
Conc: 90.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

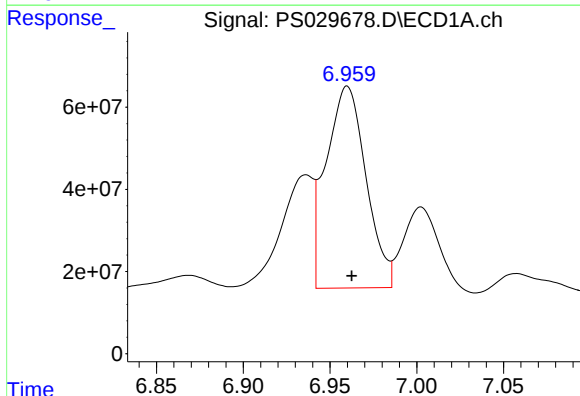
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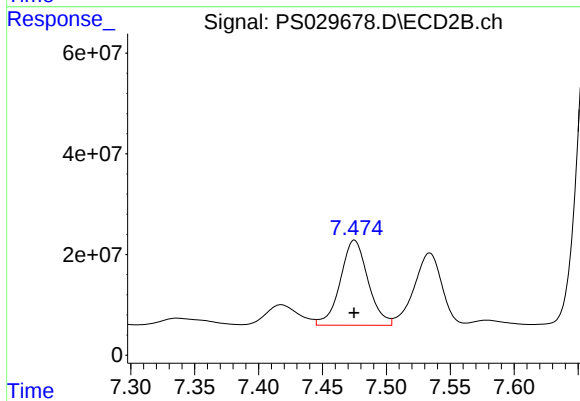
#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 71675172
Conc: 101.09 ng/ml m



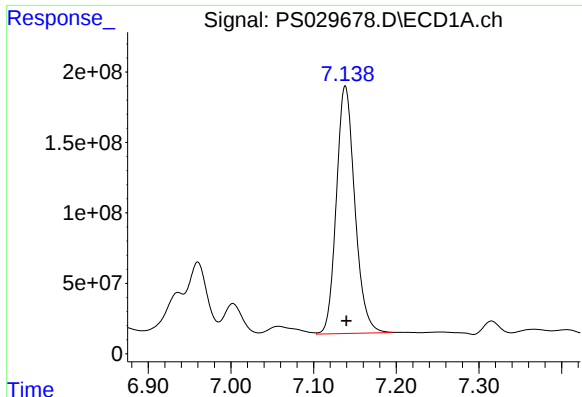
#4 2,4-DCAA

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 779542721
Conc: 382.35 ng/ml m



#4 2,4-DCAA

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 255778956
Conc: 375.31 ng/ml



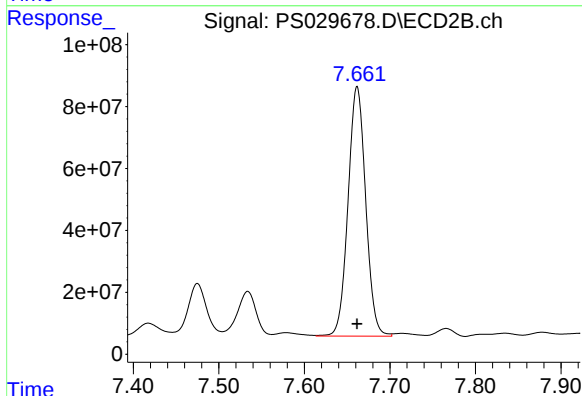
#5 DICAMBA

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 2723097506
Conc: 327.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

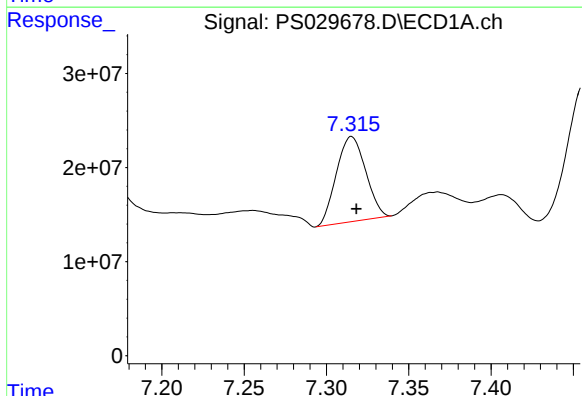
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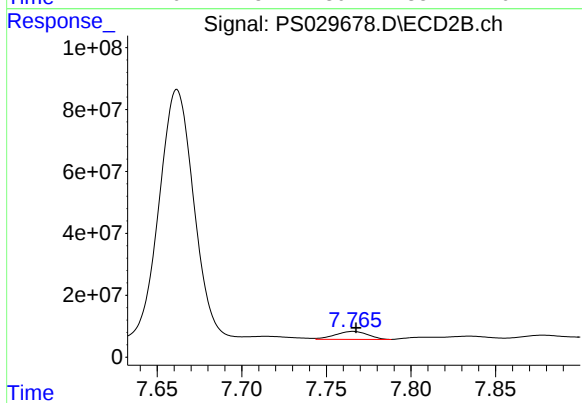
#5 DICAMBA

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 1156698884
Conc: 313.18 ng/ml



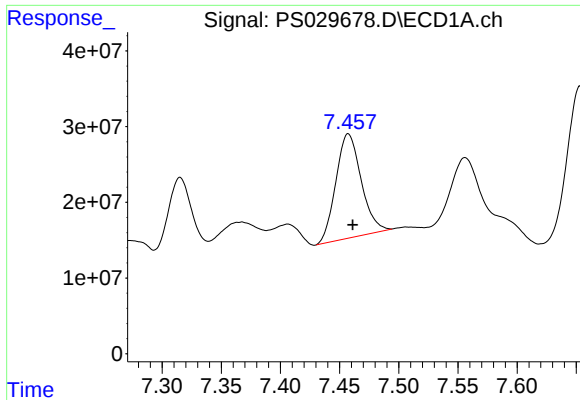
#6 MCP

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 111741878
Conc: 20.62 ug/ml



#6 MCP

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 34489334
Conc: 20.43 ug/ml



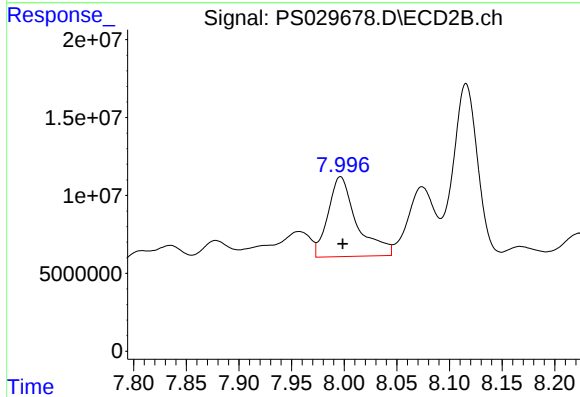
#7 MCPA

R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 205022745
Conc: 28.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

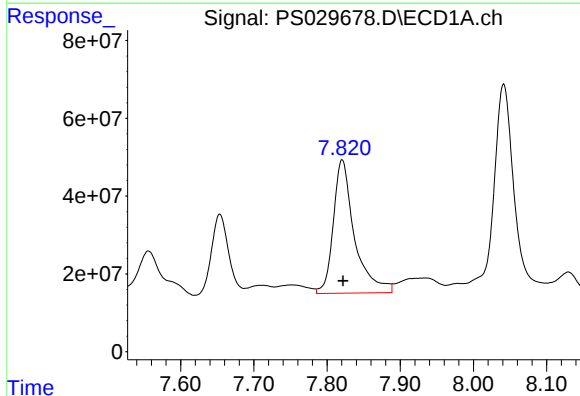
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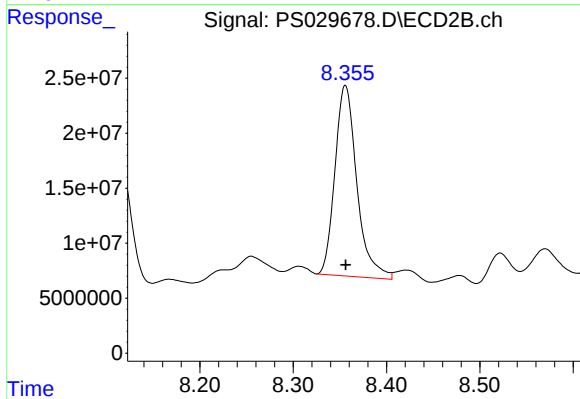
#7 MCPA

R.T.: 7.996 min
Delta R.T.: -0.002 min
Response: 97604141
Conc: 42.90 ug/ml



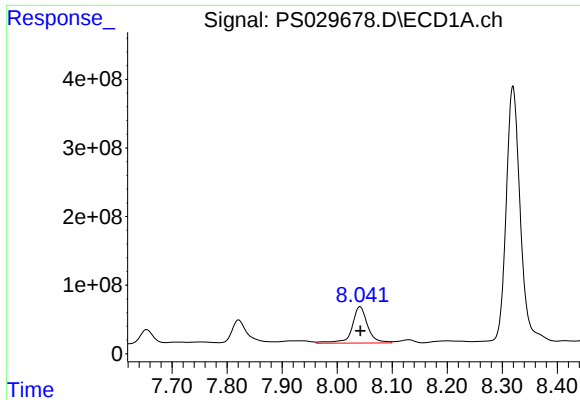
#8 DICHLORPROP

R.T.: 7.821 min
Delta R.T.: -0.001 min
Response: 688673599
Conc: 313.11 ng/ml



#8 DICHLORPROP

R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 283033941
Conc: 292.95 ng/ml



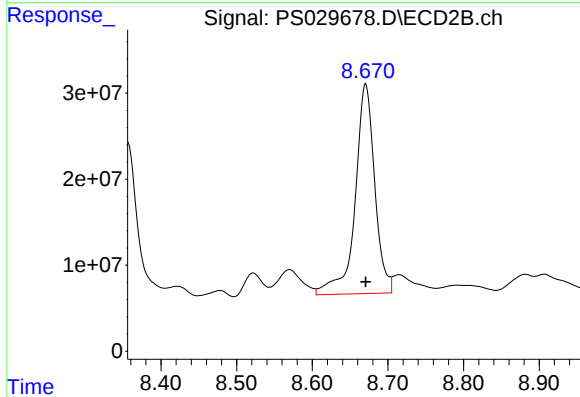
#9 2,4-D

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 1047758758
Conc: 434.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

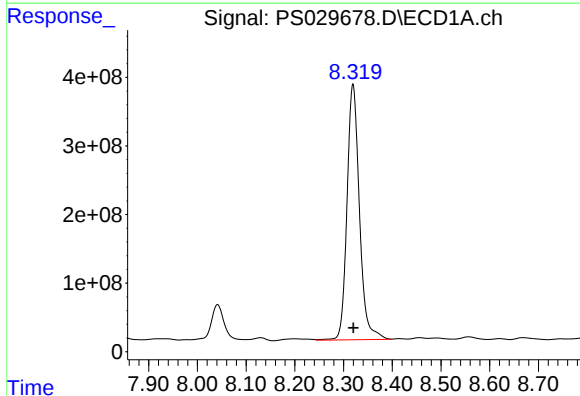
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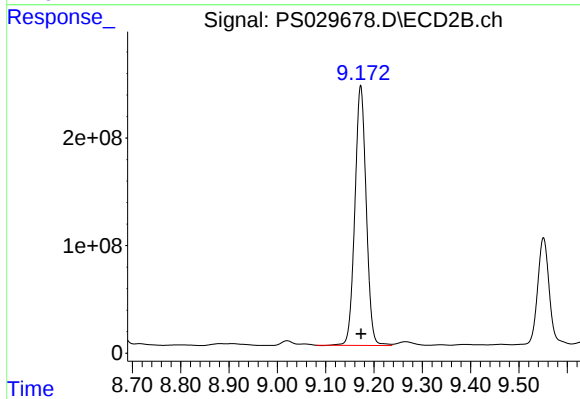
#9 2,4-D

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 439995784
Conc: 407.98 ng/ml



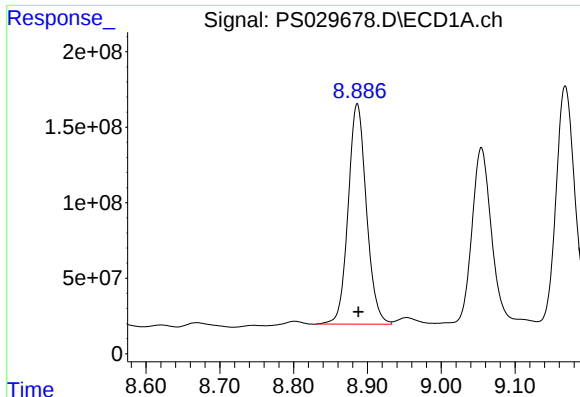
#10 Pentachlorophenol

R.T.: 8.319 min
Delta R.T.: -0.001 min
Response: 6609963377
Conc: 217.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.172 min
Delta R.T.: 0.000 min
Response: 3933584640
Conc: 219.41 ng/ml



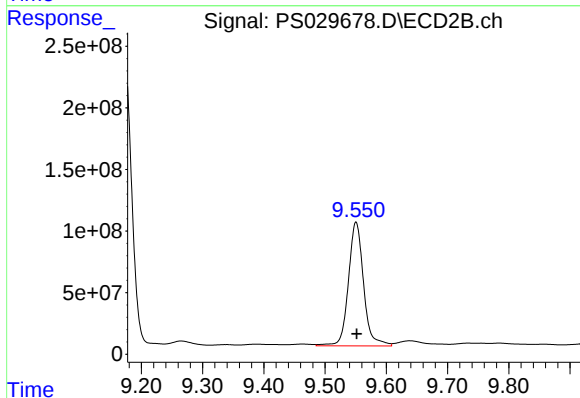
#11 2,4,5-TP (SILVEX)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 2505345712
Conc: 215.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-1MSD

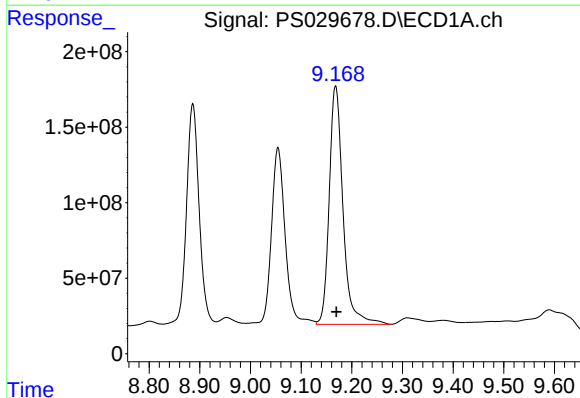
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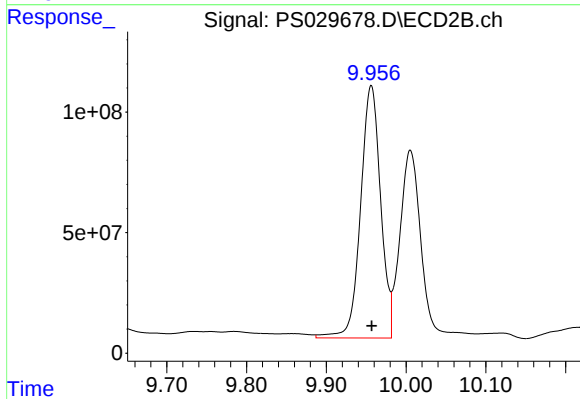
#11 2,4,5-TP (SILVEX)

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 1732319476
Conc: 240.17 ng/ml



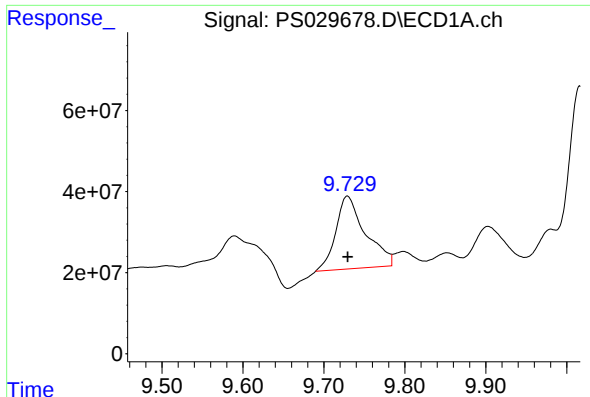
#12 2,4,5-T

R.T.: 9.168 min
Delta R.T.: -0.002 min
Response: 2984012091
Conc: 259.38 ng/ml



#12 2,4,5-T

R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 1829244441
Conc: 272.91 ng/ml



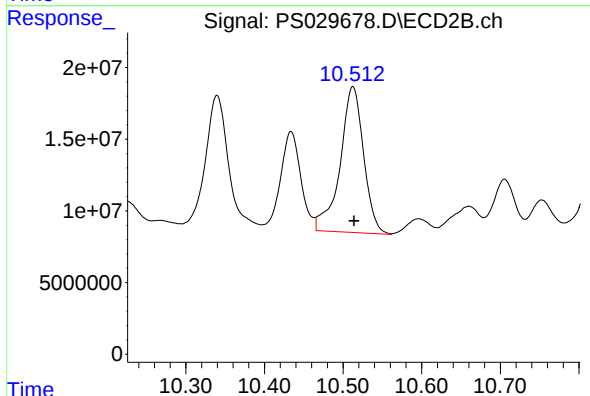
#13 2,4-DB

R.T.: 9.729 min
Delta R.T.: 0.000 min
Response: 457731207
Conc: 251.95 ng/ml

Instrument :
ECD_S
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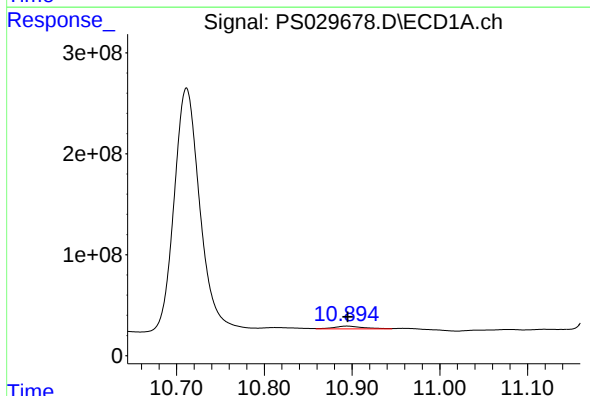
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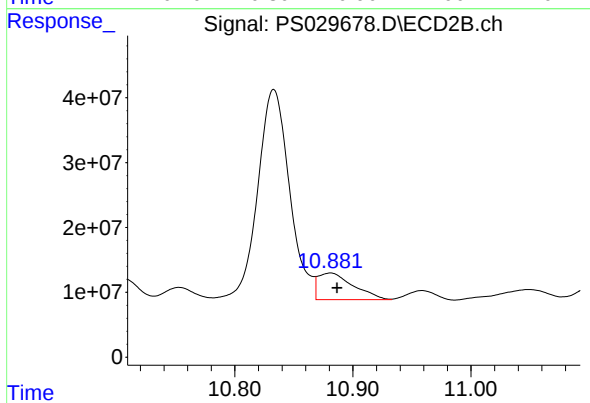
#13 2,4-DB

R.T.: 10.512 min
Delta R.T.: -0.002 min
Response: 211416213
Conc: 284.94 ng/ml m



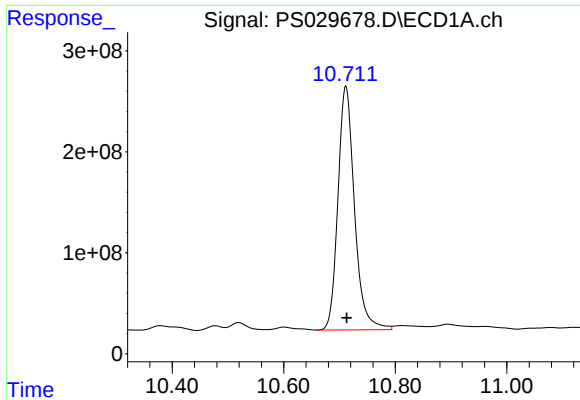
#14 DINOSEB

R.T.: 10.894 min
Delta R.T.: -0.001 min
Response: 61894069
Conc: 7.33 ng/ml m



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: -0.006 min
Response: 84426771
Conc: 16.51 ng/ml m



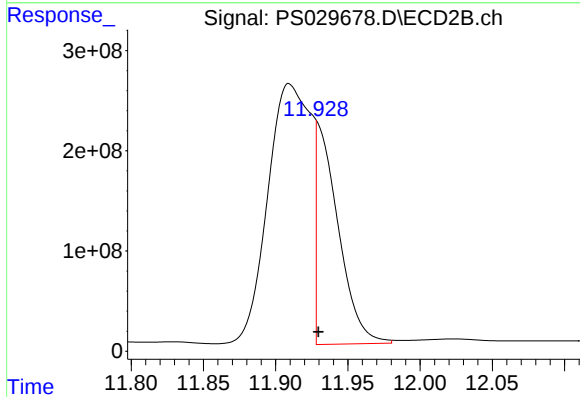
#15 Picloram

R.T.: 10.711 min
Delta R.T.: -0.002 min
Response: 4978074842
Conc: 321.16 ng/ml

Instrument :
ECD_S
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WC-1MSD

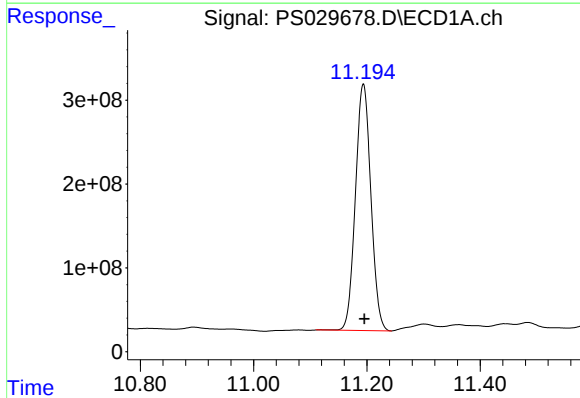
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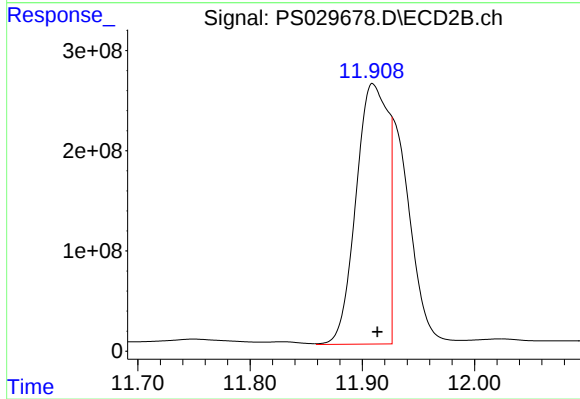
#15 Picloram

R.T.: 11.928 min
Delta R.T.: -0.002 min
Response: 2313436167
Conc: 195.65 ng/ml m



#16 DCPA

R.T.: 11.194 min
Delta R.T.: -0.002 min
Response: 5564512498
Conc: 398.43 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.005 min
Response: 5132877881
Conc: 579.94 ng/ml m