

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041125\
 Data File : PS029808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 14:19
 Operator : AR\AJ
 Sample : Q1760-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-15MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:02:50 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	6.954	7.496	964.7E6	303.6E6	473.182m	445.493
Target Compounds							
1) T	Dalapon	2.453	2.530	1084.5E6	557.2E6	319.675	350.985
2) T	3,5-DICHL...	6.157	6.488	1227.2E6	357.3E6	408.004	370.089
3) T	4-Nitroph...	6.746	7.029	581.9E6	279.2E6	414.217	393.726
5) T	DICAMBA	7.132	7.684	3223.7E6	1375.4E6	387.378	372.408
6) T	MCPD	7.309	7.789	154.5E6	46973964	28.511	27.820
7) T	MCPA	7.452	8.019	231.0E6	69995869	31.782	30.764m
8) T	DICHLORPROP	7.814	8.379	812.4E6	378.9E6	369.359	392.156m
9) T	2,4-D	8.035	8.694	1064.5E6	452.1E6	441.792	419.219
10) T	Pentachlo...	8.313	9.196	8266.6E6	5049.6E6	271.884	281.665
11) T	2,4,5-TP ...	8.878	9.574	4006.7E6	2643.4E6	344.951	366.482
12) T	2,4,5-T	9.161	9.979	4231.2E6	2570.0E6	367.793	383.421
13) T	2,4-DB	9.721	10.537	606.0E6	236.1E6	333.576m	318.239m
14) T	DINOSEB	10.883	10.908	372.6E6	267.6E6	44.140m	52.339m
15) T	Picloram	10.702	11.950	4830.6E6	2338.7E6	311.646	197.789m#
16) T	DCPA	11.184	11.934	5451.3E6	4251.4E6	390.325	480.343m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041125\
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Acq On : 11 Apr 2025 14:19
Operator : AR\AJ
Sample : Q1760-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

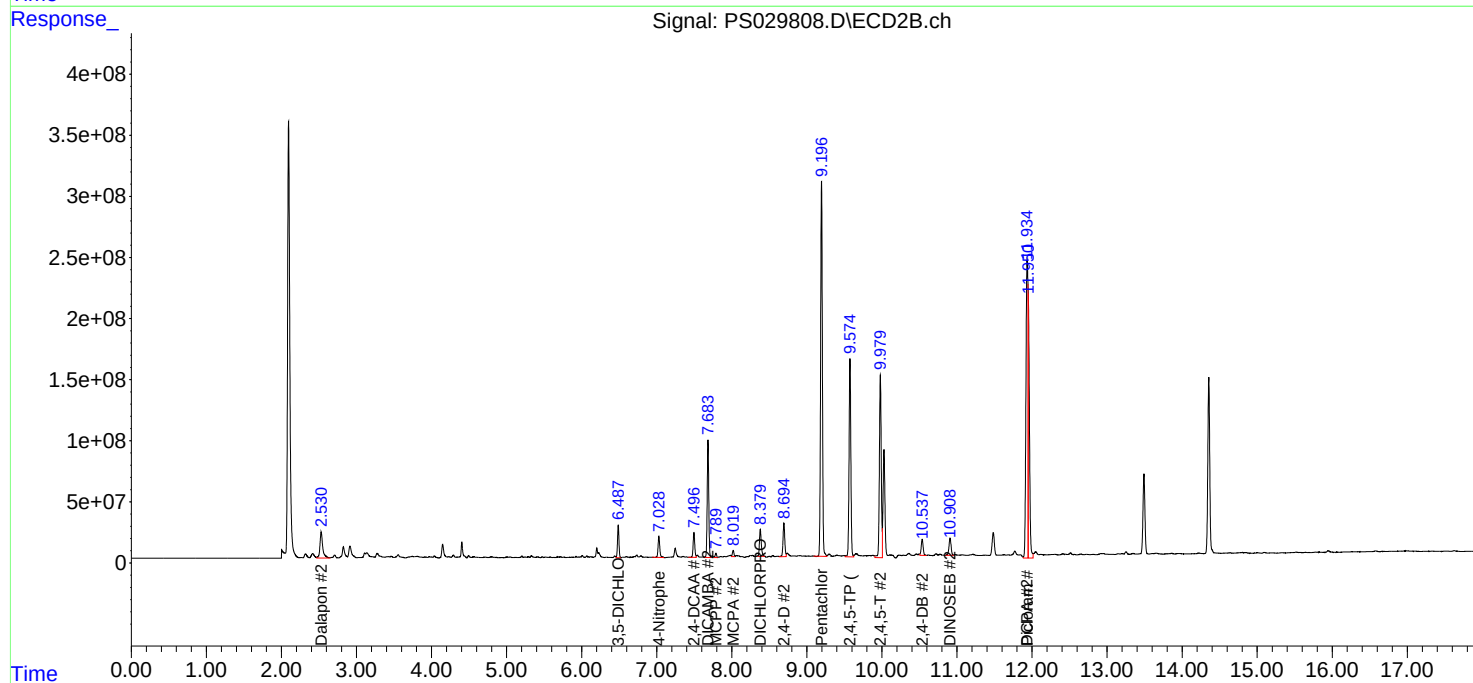
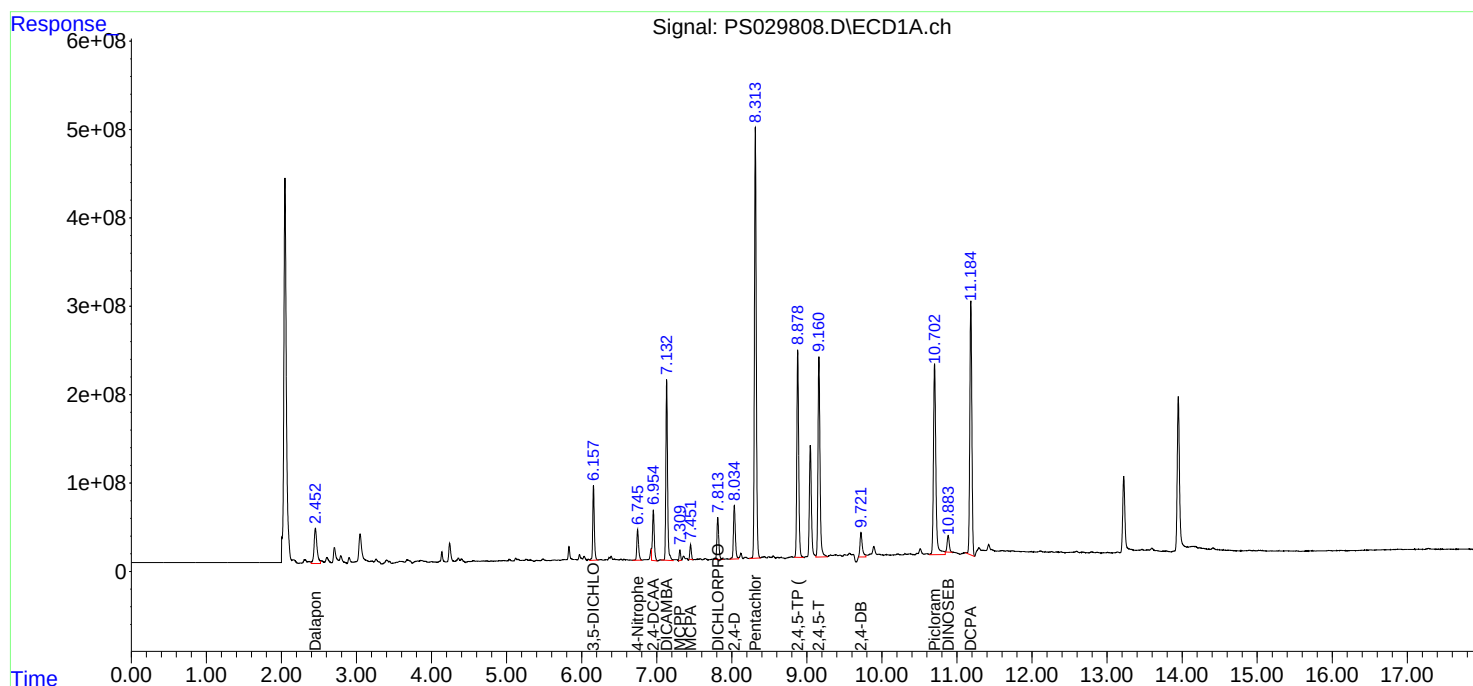
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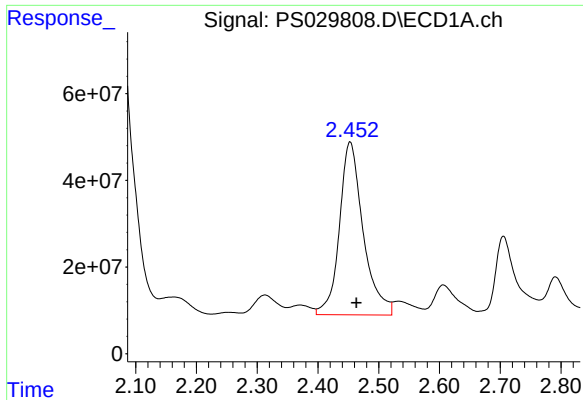
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
Quant Title : 8080.M
QLast Update : Wed Apr 02 23:52:55 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





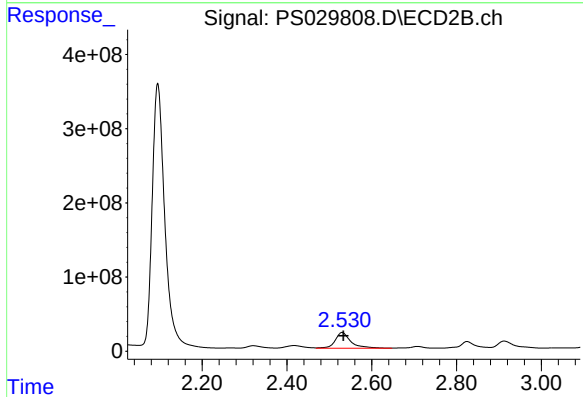
#1 Dalapon

R.T.: 2.453 min
Delta R.T.: -0.010 min
Response: 1084462712
Conc: 319.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

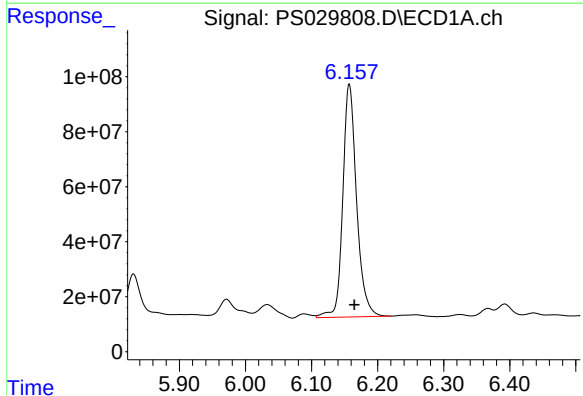
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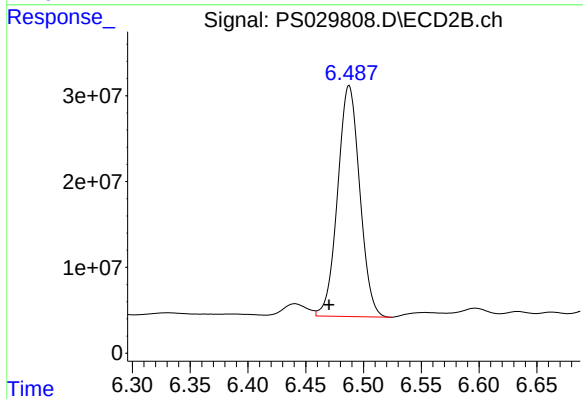
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 557222166
Conc: 350.98 ng/ml



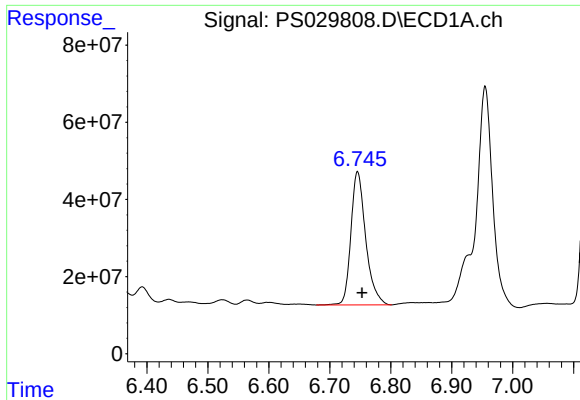
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 1227177303
Conc: 408.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.488 min
Delta R.T.: 0.017 min
Response: 357342163
Conc: 370.09 ng/ml



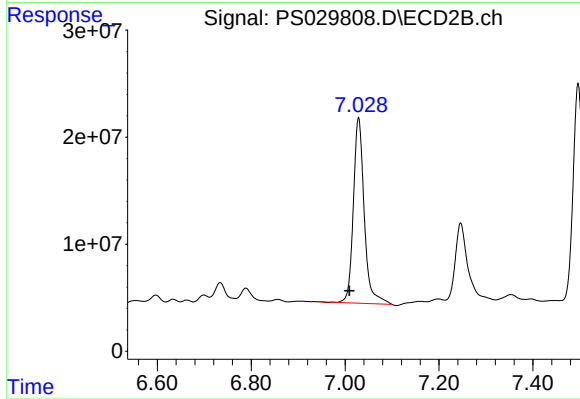
#3 4-Nitrophenol

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 581891275
Conc: 414.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

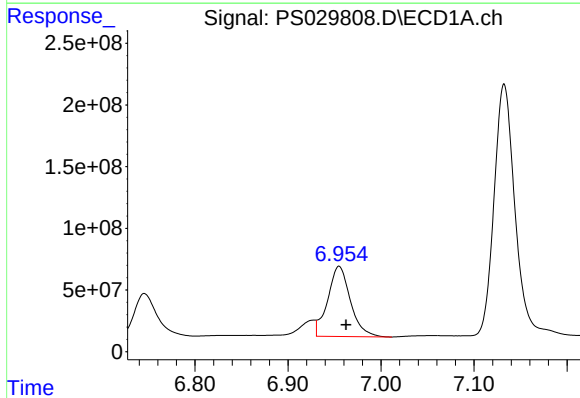
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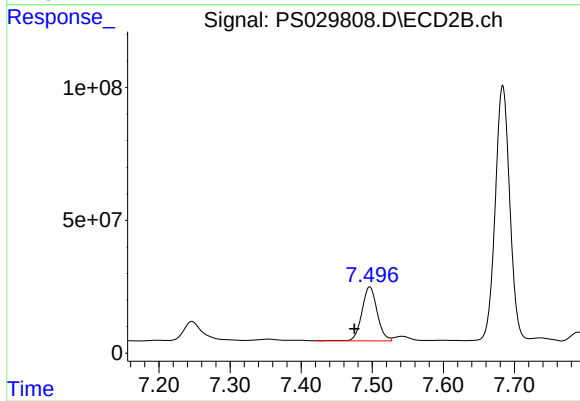
#3 4-Nitrophenol

R.T.: 7.029 min
Delta R.T.: 0.019 min
Response: 279150779
Conc: 393.73 ng/ml



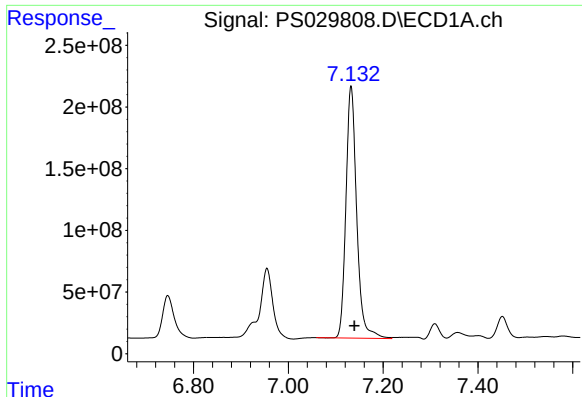
#4 2,4-DCAA

R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 964737054
Conc: 473.18 ng/ml m



#4 2,4-DCAA

R.T.: 7.496 min
Delta R.T.: 0.022 min
Response: 303609330
Conc: 445.49 ng/ml



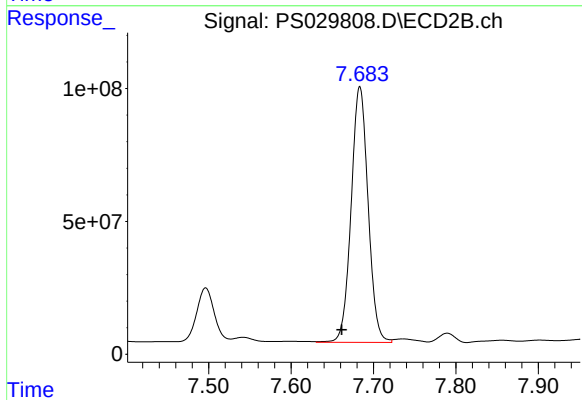
#5 DICAMBA

R.T.: 7.132 min
Delta R.T.: -0.007 min
Response: 3223735806
Conc: 387.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

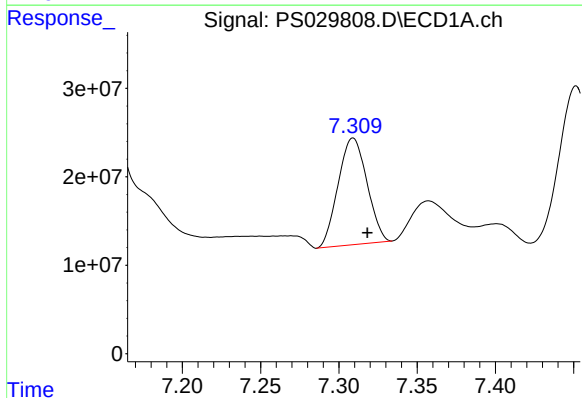
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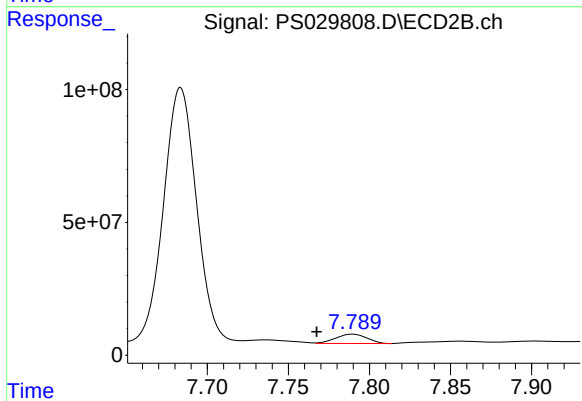
#5 DICAMBA

R.T.: 7.684 min
Delta R.T.: 0.022 min
Response: 1375440307
Conc: 372.41 ng/ml



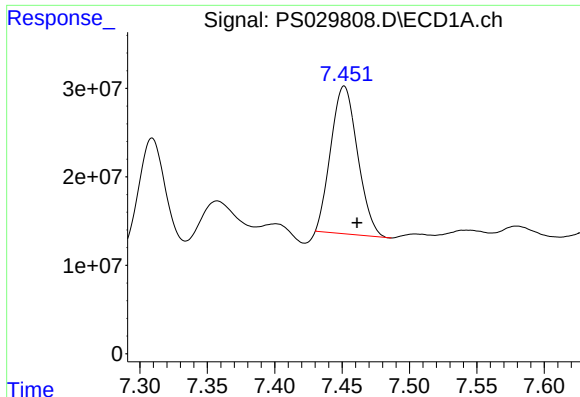
#6 MCPP

R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 154527910
Conc: 28.51 ug/ml



#6 MCPP

R.T.: 7.789 min
Delta R.T.: 0.022 min
Response: 46973964
Conc: 27.82 ug/ml



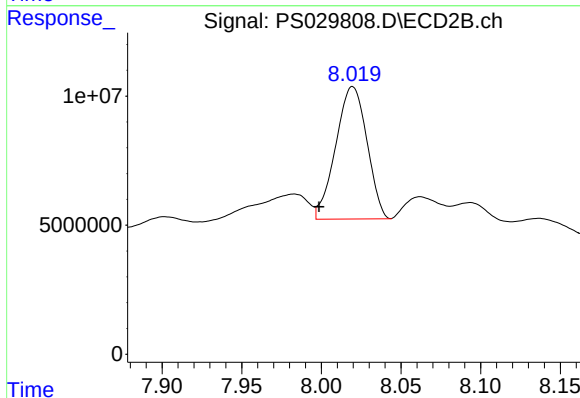
#7 MCPA

R.T.: 7.452 min
Delta R.T.: -0.010 min
Response: 231024814
Conc: 31.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

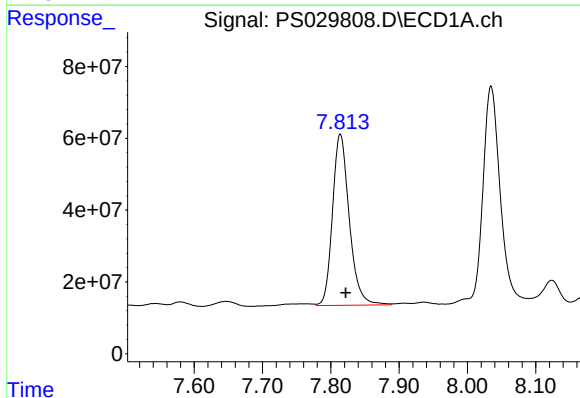
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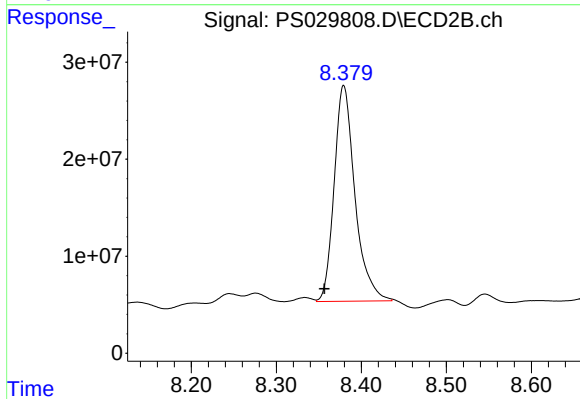
#7 MCPA

R.T.: 8.019 min
Delta R.T.: 0.021 min
Response: 69995869
Conc: 30.76 ug/ml m



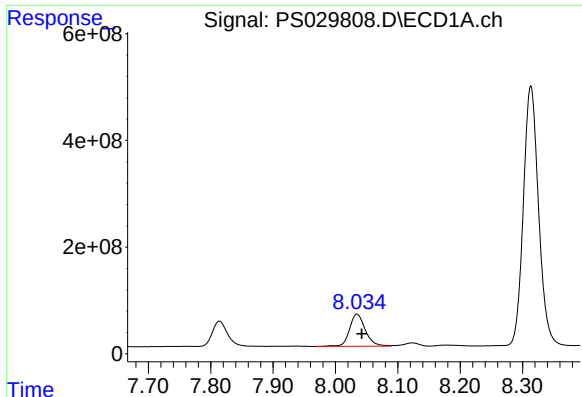
#8 DICHLORPROP

R.T.: 7.814 min
Delta R.T.: -0.008 min
Response: 812381502
Conc: 369.36 ng/ml



#8 DICHLORPROP

R.T.: 8.379 min
Delta R.T.: 0.022 min
Response: 378882781
Conc: 392.16 ng/ml m



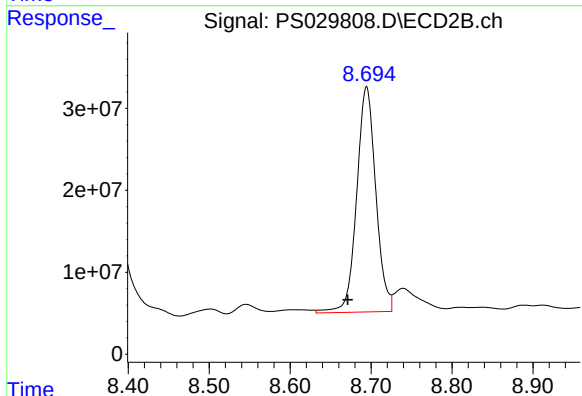
#9 2,4-D

R.T.: 8.035 min
Delta R.T.: -0.008 min
Response: 1064538248
Conc: 441.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

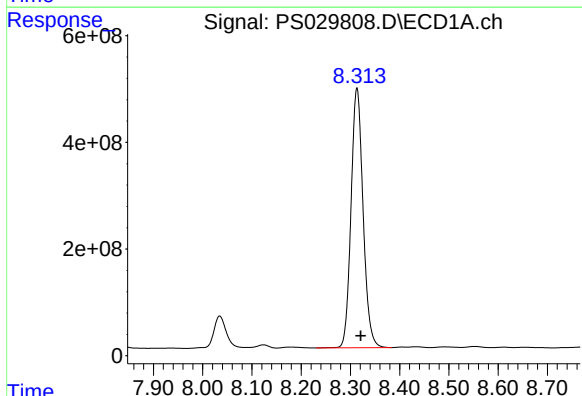
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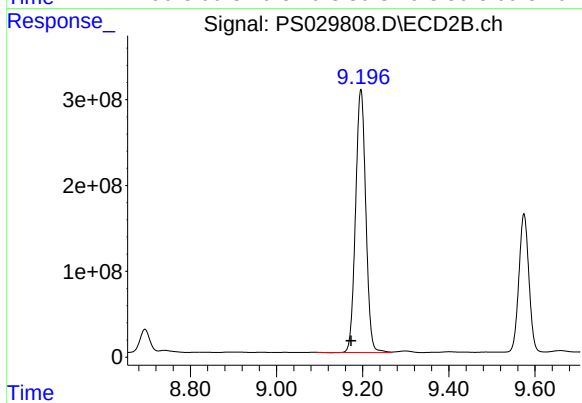
#9 2,4-D

R.T.: 8.694 min
Delta R.T.: 0.023 min
Response: 452112713
Conc: 419.22 ng/ml



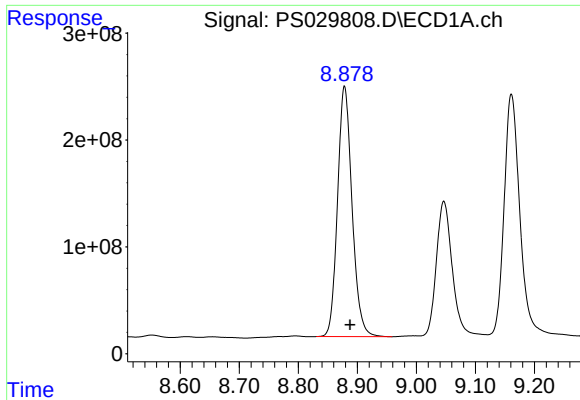
#10 Pentachlorophenol

R.T.: 8.313 min
Delta R.T.: -0.007 min
Response: 8266621927
Conc: 271.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.196 min
Delta R.T.: 0.023 min
Response: 5049615163
Conc: 281.67 ng/ml



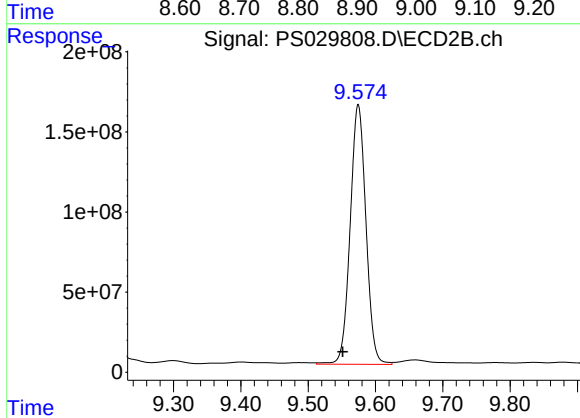
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.009 min
Response: 4006725452
Conc: 344.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

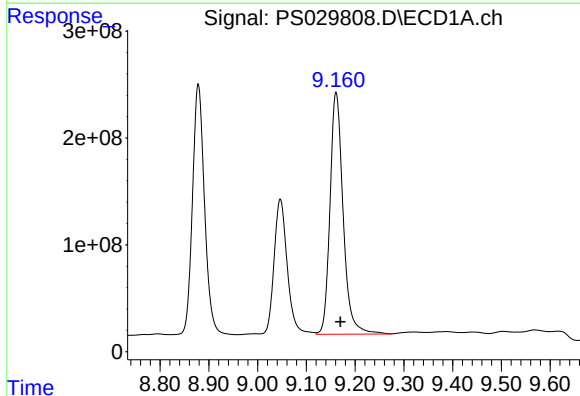
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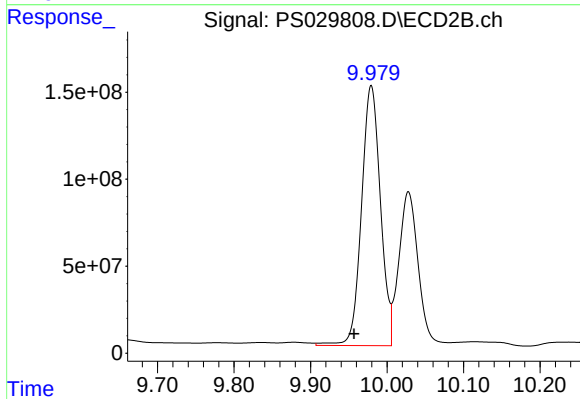
#11 2,4,5-TP (SILVEX)

R.T.: 9.574 min
Delta R.T.: 0.023 min
Response: 2643420345
Conc: 366.48 ng/ml



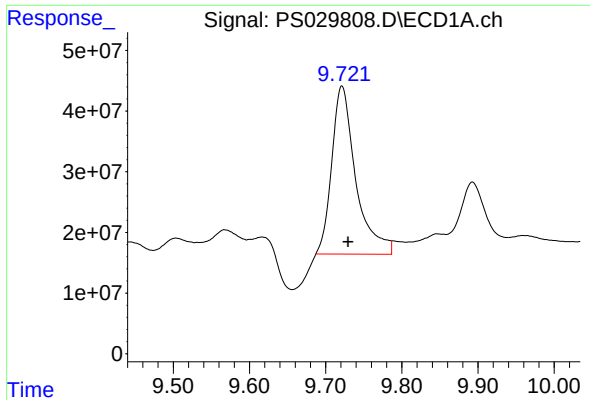
#12 2,4,5-T

R.T.: 9.161 min
Delta R.T.: -0.009 min
Response: 4231246178
Conc: 367.79 ng/ml



#12 2,4,5-T

R.T.: 9.979 min
Delta R.T.: 0.022 min
Response: 2570011691
Conc: 383.42 ng/ml



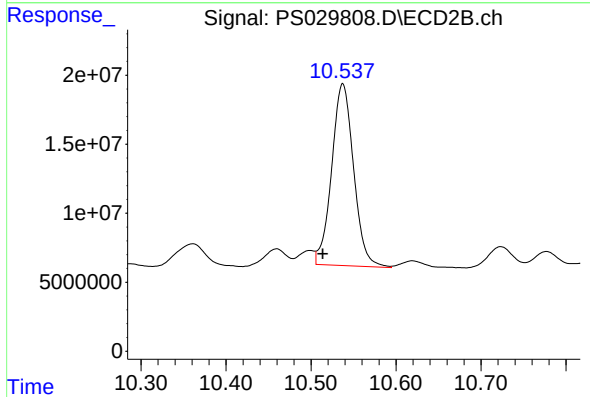
#13 2,4-DB

R.T.: 9.721 min
Delta R.T.: -0.009 min
Response: 606021683
Conc: 333.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

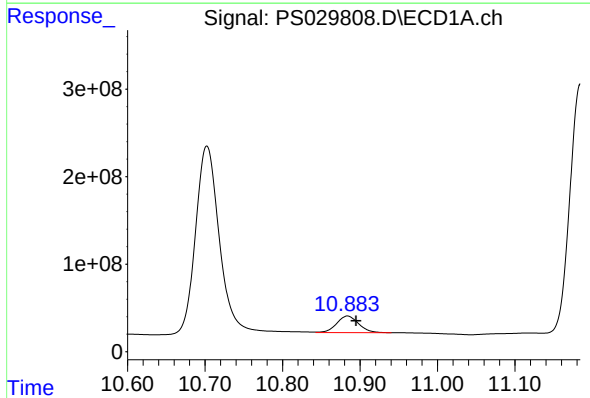
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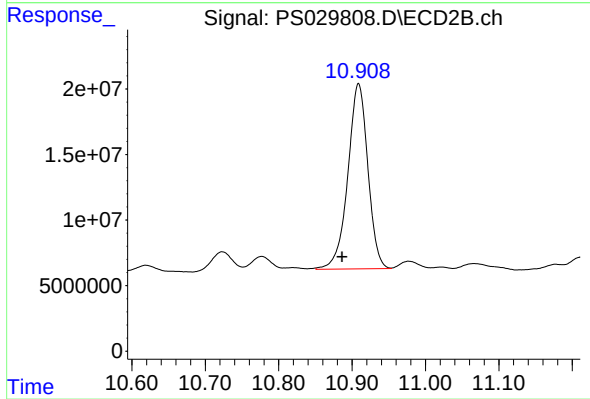
#13 2,4-DB

R.T.: 10.537 min
Delta R.T.: 0.023 min
Response: 236125568
Conc: 318.24 ng/ml m



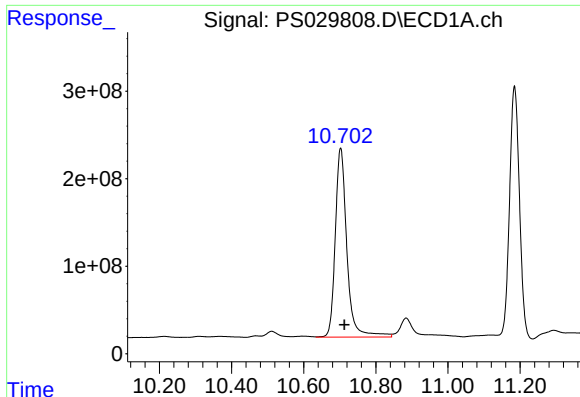
#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.012 min
Response: 372633852
Conc: 44.14 ng/ml m



#14 DINOSEB

R.T.: 10.908 min
Delta R.T.: 0.022 min
Response: 267599531
Conc: 52.34 ng/ml m



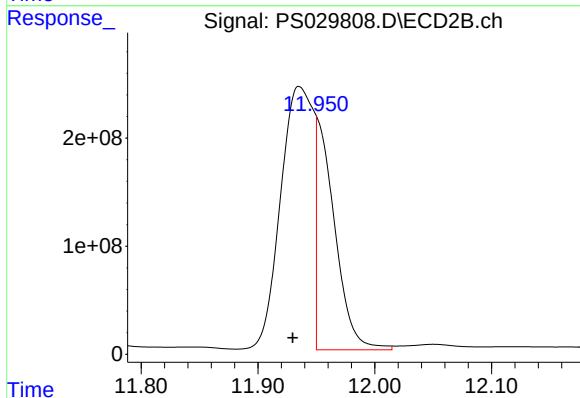
#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.011 min
Response: 4830643236
Conc: 311.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MSD

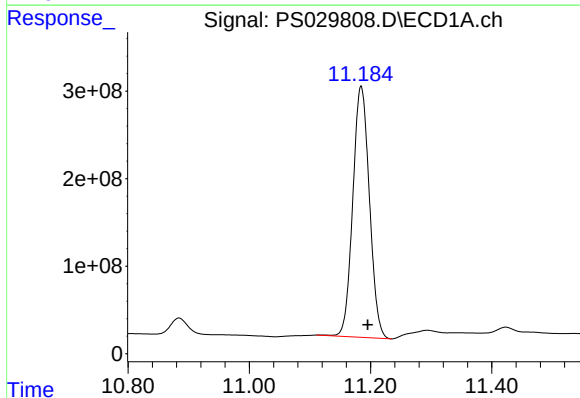
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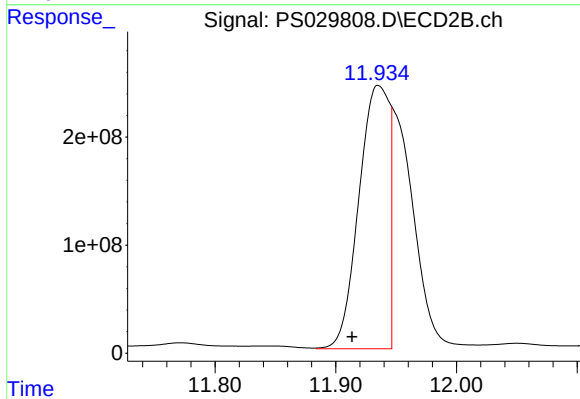
#15 Picloram

R.T.: 11.950 min
Delta R.T.: 0.020 min
Response: 2338740687
Conc: 197.79 ng/ml m



#16 DCPA

R.T.: 11.184 min
Delta R.T.: -0.011 min
Response: 5451326735
Conc: 390.33 ng/ml



#16 DCPA

R.T.: 11.934 min
Delta R.T.: 0.021 min
Response: 4251352519
Conc: 480.34 ng/ml m