

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 12:23
 Operator : AR\AJ
 Sample : Q2709-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211935-295MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:40:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.309	7.762	954.1E6	208.5E6	327.471	249.624
Target Compounds							
1) T	Dalapon	2.674	2.697	776.5E6	918.8E6	160.950m	374.056m#
2) T	3,5-DICHL...	6.473	6.710	929.6E6	243.7E6	218.058m	188.593m
3) T	4-Nitroph...	7.111	7.304	244.8E6	321.1E6	240.452	248.744
5) T	DICAMBA	7.496	7.960	3067.4E6	1227.7E6	237.405	226.470
6) T	MCPD	7.675	8.057	105.2E6	19320152	13.082	11.302
7) T	MCPA	7.824	8.303	226.9E6	44091217	23.211	16.998 #
8) T	DICHLORPROP	8.206	8.681	658.5E6	284.5E6	216.616	218.867
9) T	2,4-D	8.439	9.021	766.8E6	365.5E6	295.670	261.880
10) T	Pentachlo...	8.737	9.533	7544.5E6	5174.8E6	165.890	154.487
11) T	2,4,5-TP ...	9.319	9.918	2896.8E6	2158.2E6	173.866	169.899
12) T	2,4,5-T	9.614	10.348	2381.5E6	2057.1E6	179.053	176.356
13) T	2,4-DB	10.192	10.918	246.3E6	162.4E6	140.947m	168.191m
14) T	DINOSEB	11.397	11.298	464.8E6	288.0E6	40.549	30.837
15) T	Picloram	11.219	12.415	2889.1E6	4364.6E6	246.726	255.318
16) T	DCPA	11.694	12.339	5612.1E6	5461.2E6	270.642m	292.798m

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

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Acq On : 30 Jul 2025 12:23
Operator : AR\AJ
Sample : Q2709-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

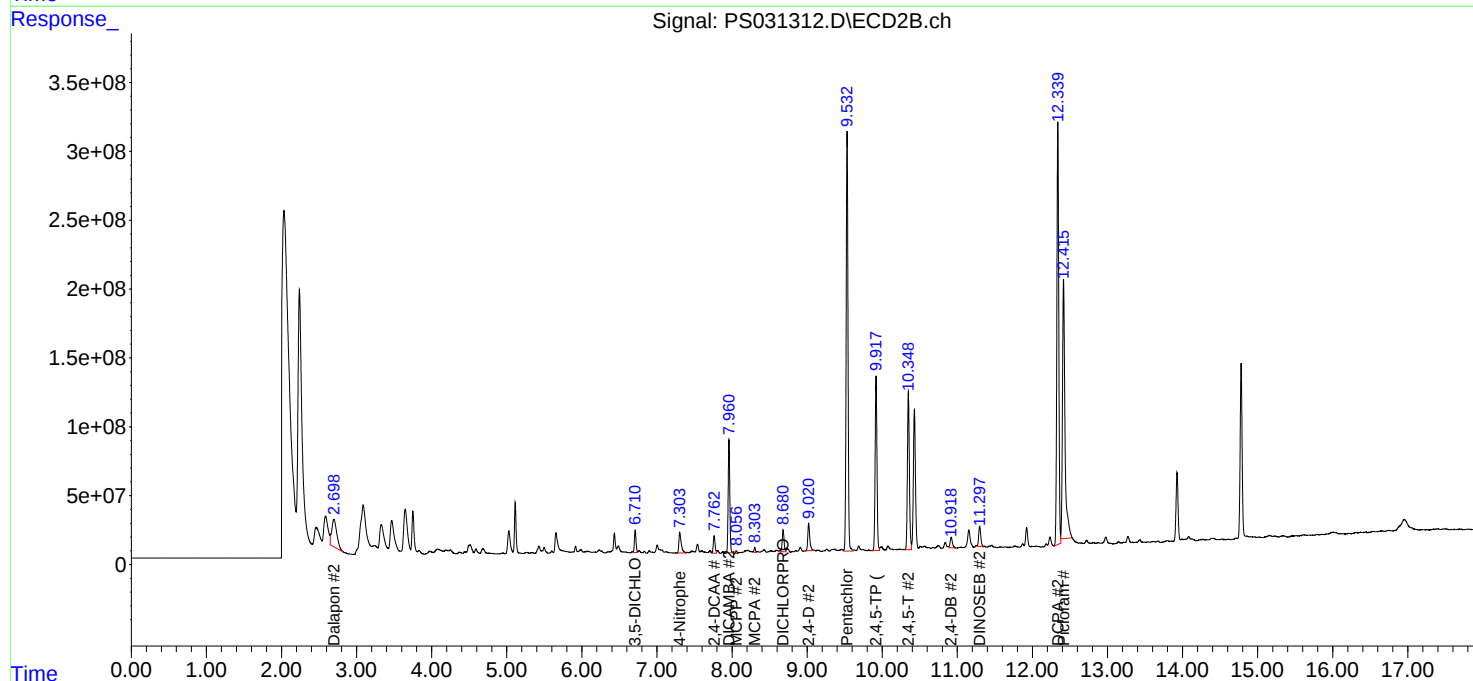
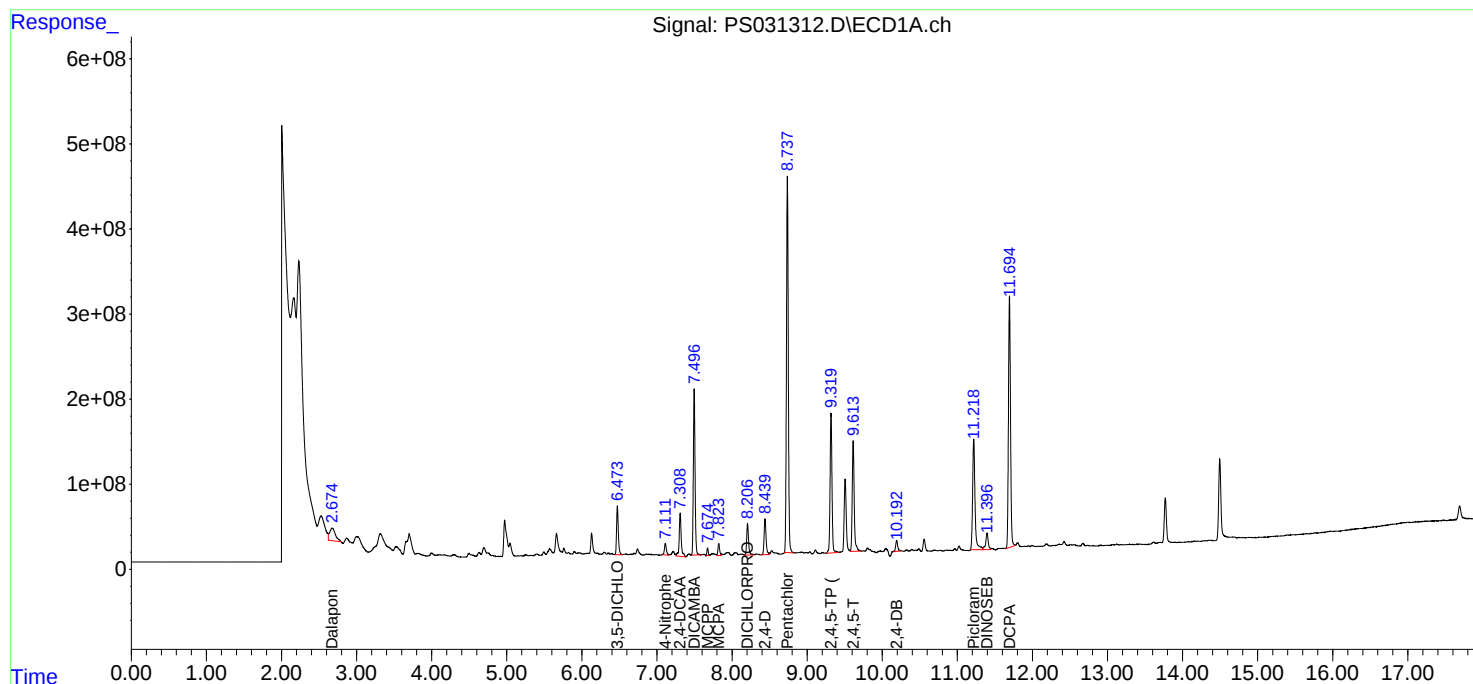
Instrument :
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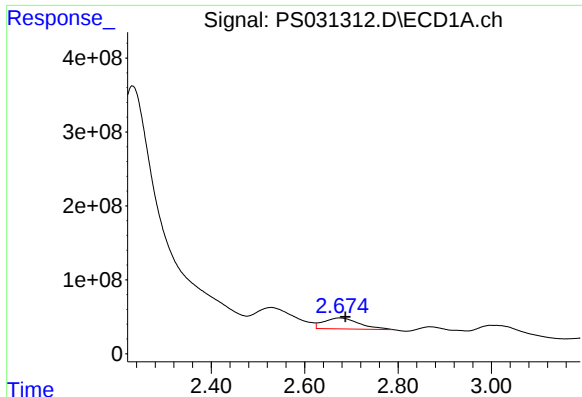
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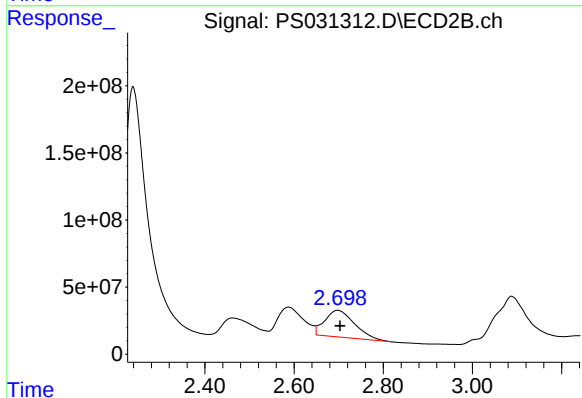
#1 Dalapon

R.T.: 2.674 min
Delta R.T.: -0.013 min
Response: 776510938
Conc: 160.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MSD

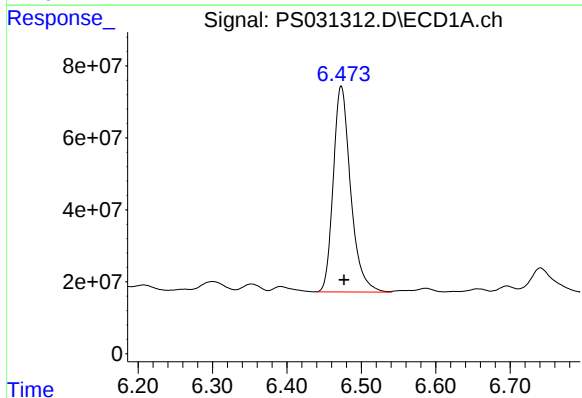
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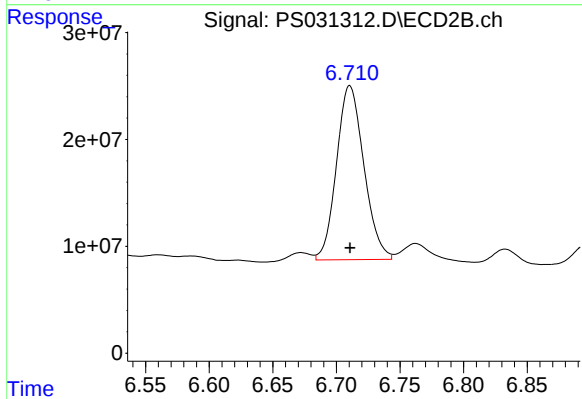
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.006 min
Response: 918751562
Conc: 374.06 ng/ml m



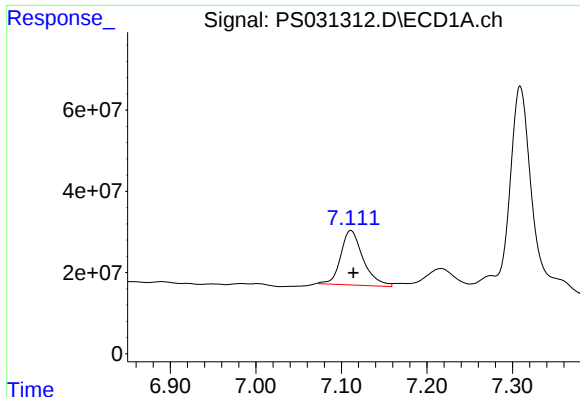
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 929566914
Conc: 218.06 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 243713616
Conc: 188.59 ng/ml m



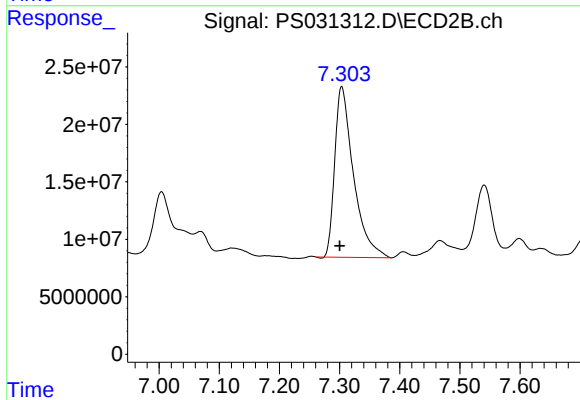
#3 4-Nitrophenol

R.T.: 7.111 min
Delta R.T.: -0.003 min
Response: 244828026
Conc: 240.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MSD

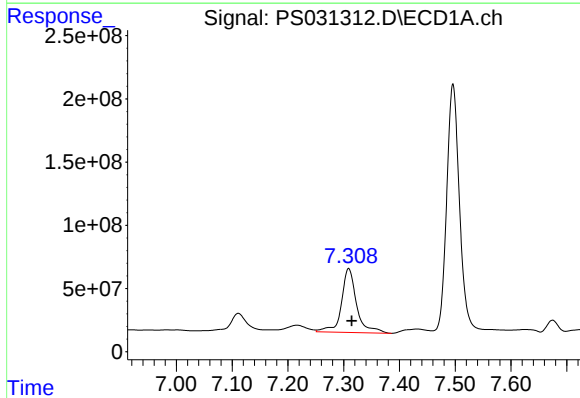
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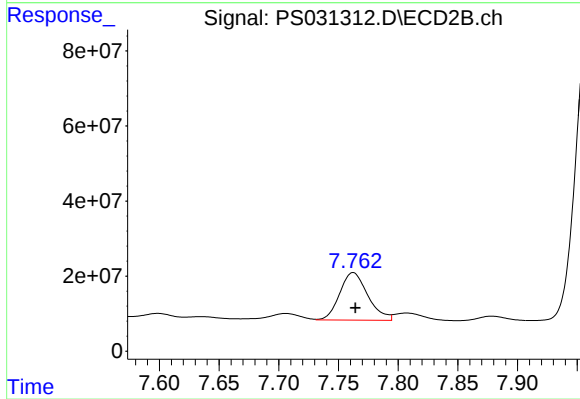
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.004 min
Response: 321106640
Conc: 248.74 ng/ml



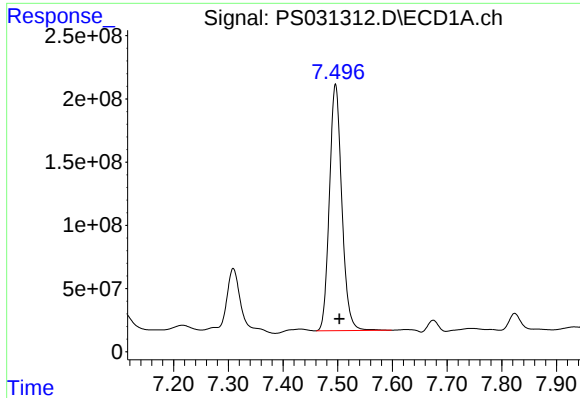
#4 2,4-DCAA

R.T.: 7.309 min
Delta R.T.: -0.006 min
Response: 954055860
Conc: 327.47 ng/ml



#4 2,4-DCAA

R.T.: 7.762 min
Delta R.T.: -0.002 min
Response: 208456251
Conc: 249.62 ng/ml



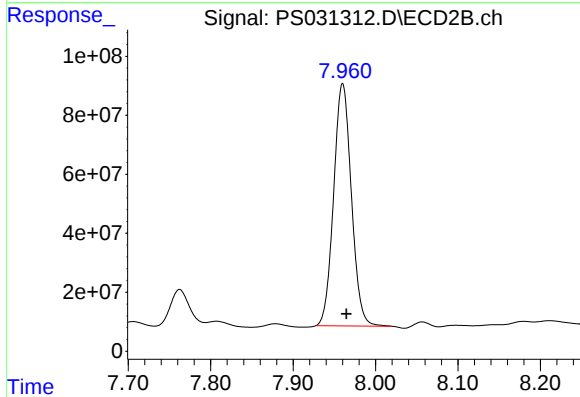
#5 DICAMBA

R.T.: 7.496 min
Delta R.T.: -0.007 min
Response: 3067413522
Conc: 237.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MSD

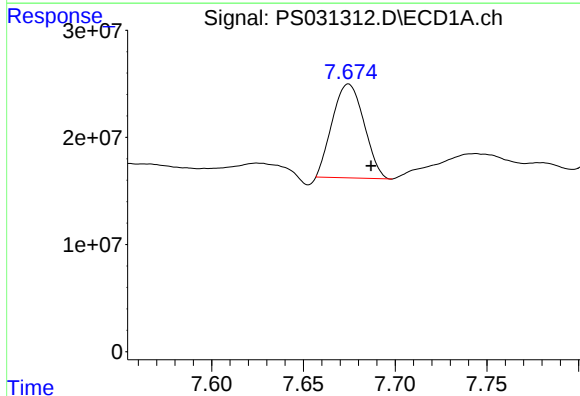
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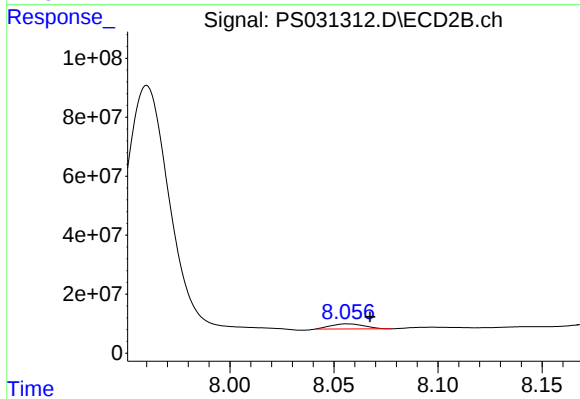
#5 DICAMBA

R.T.: 7.960 min
Delta R.T.: -0.005 min
Response: 1227660412
Conc: 226.47 ng/ml



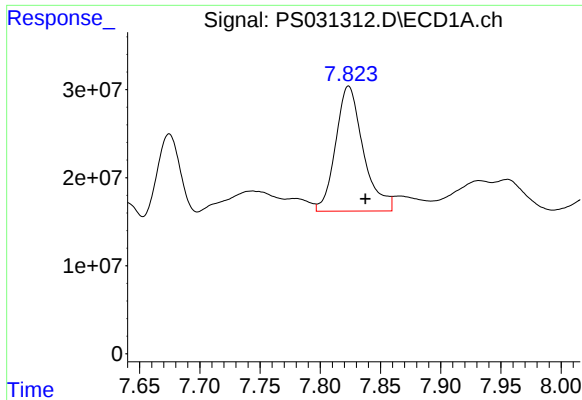
#6 MCPP

R.T.: 7.675 min
Delta R.T.: -0.012 min
Response: 105212504
Conc: 13.08 ug/ml



#6 MCPP

R.T.: 8.057 min
Delta R.T.: -0.011 min
Response: 19320152
Conc: 11.30 ug/ml



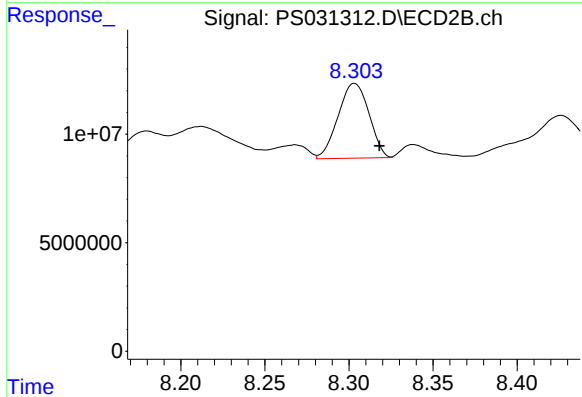
#7 MCPA

R.T.: 7.824 min
Delta R.T.: -0.014 min
Response: 226913887
Conc: 23.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211935-295MSD

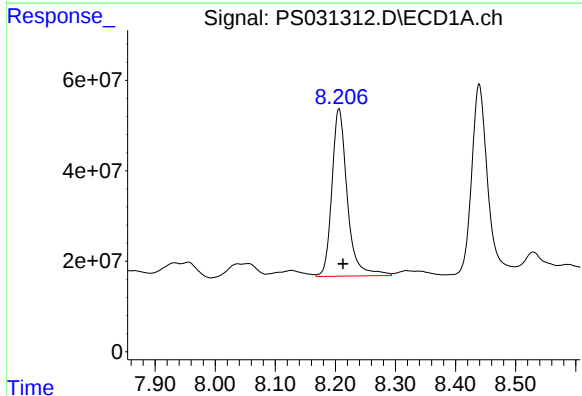
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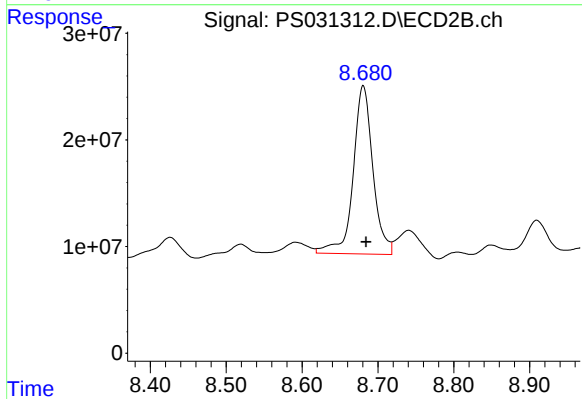
#7 MCPA

R.T.: 8.303 min
Delta R.T.: -0.015 min
Response: 44091217
Conc: 17.00 ug/ml



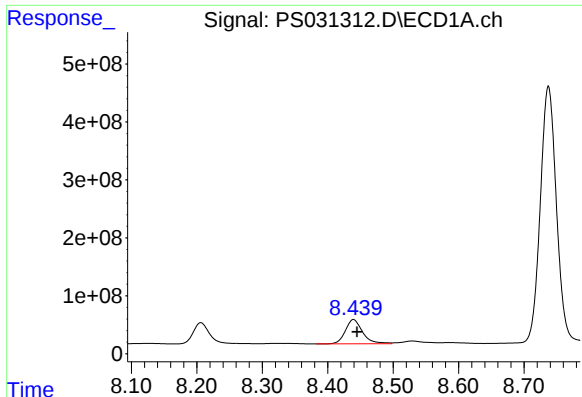
#8 DICHLORPROP

R.T.: 8.206 min
Delta R.T.: -0.007 min
Response: 658516801
Conc: 216.62 ng/ml



#8 DICHLORPROP

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 284539724
Conc: 218.87 ng/ml



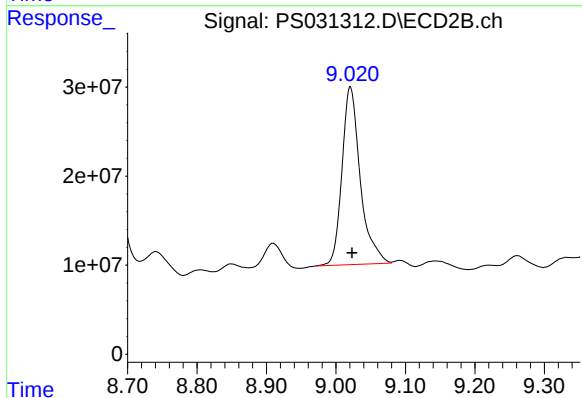
#9 2,4-D

R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 766772035
Conc: 295.67 ng/ml

Instrument :
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7211935-295MSD

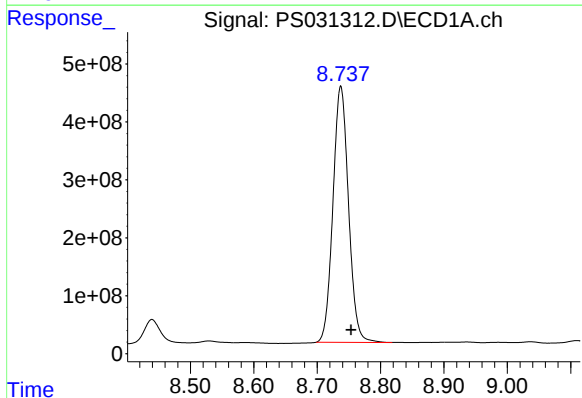
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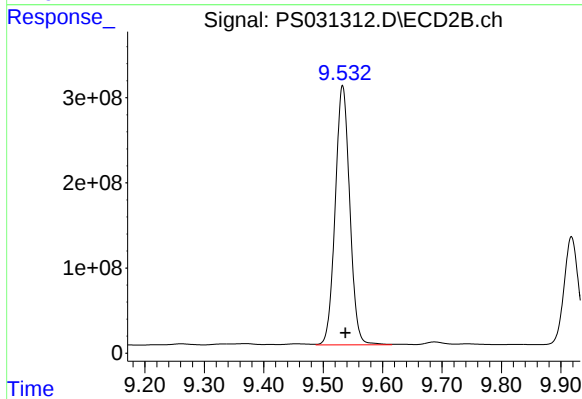
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 365461147
Conc: 261.88 ng/ml



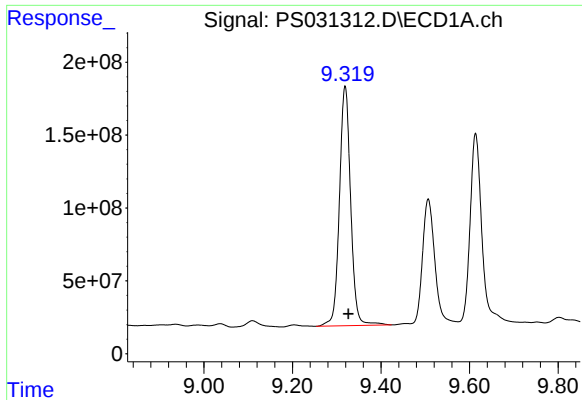
#10 Pentachlorophenol

R.T.: 8.737 min
Delta R.T.: -0.017 min
Response: 7544480779
Conc: 165.89 ng/ml



#10 Pentachlorophenol

R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 5174772266
Conc: 154.49 ng/ml



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

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 2896828736
Conc: 173.87 ng/ml

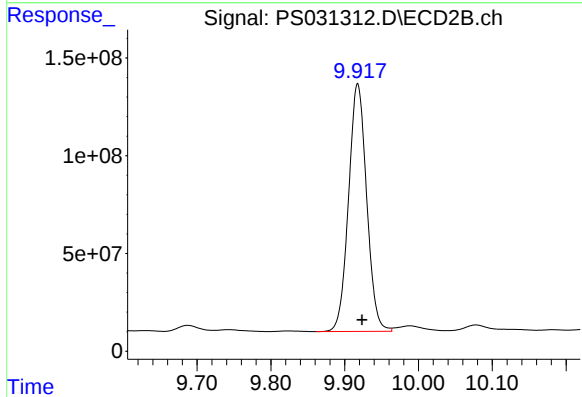
Instrument :

ECD_S

ClientSampleId :
7211935-295MSD

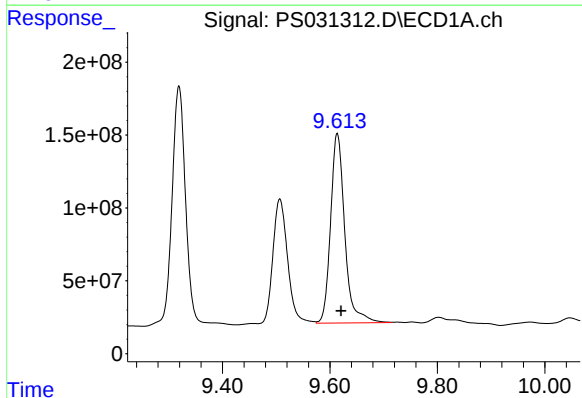
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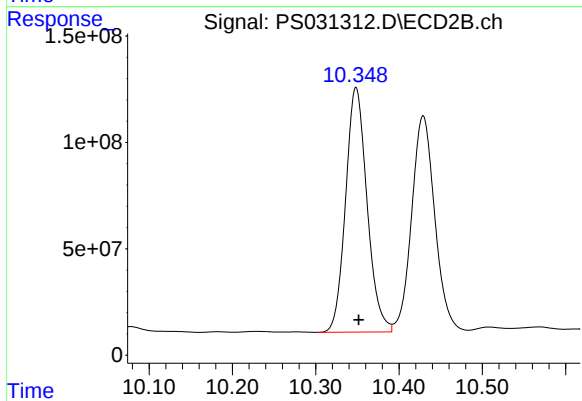
#11 2,4,5-TP (SILVEX)

R.T.: 9.918 min
Delta R.T.: -0.006 min
Response: 2158197679
Conc: 169.90 ng/ml



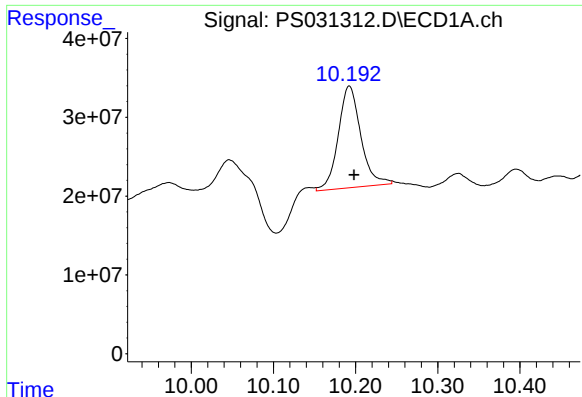
#12 2,4,5-T

R.T.: 9.614 min
Delta R.T.: -0.007 min
Response: 2381537980
Conc: 179.05 ng/ml



#12 2,4,5-T

R.T.: 10.348 min
Delta R.T.: -0.003 min
Response: 2057133485
Conc: 176.36 ng/ml



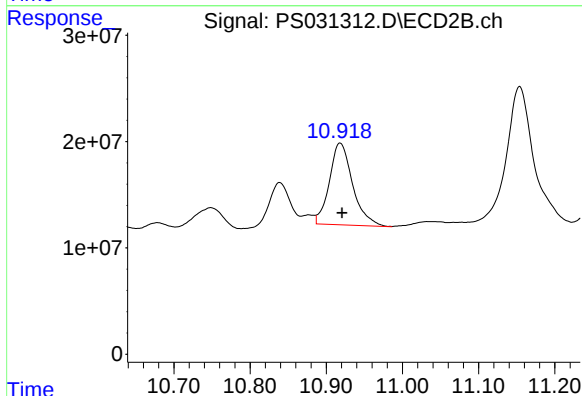
#13 2,4-DB

R.T.: 10.192 min
Delta R.T.: -0.006 min
Response: 246270132
Conc: 140.95 ng/ml

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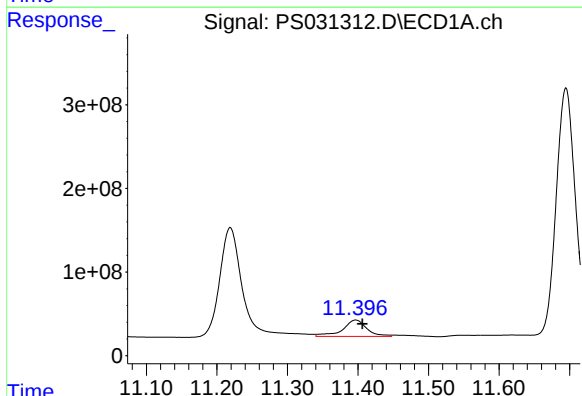
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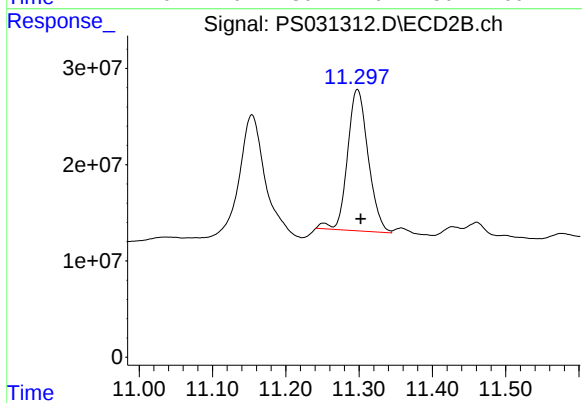
#13 2,4-DB

R.T.: 10.918 min
Delta R.T.: -0.003 min
Response: 162448081
Conc: 168.19 ng/ml m



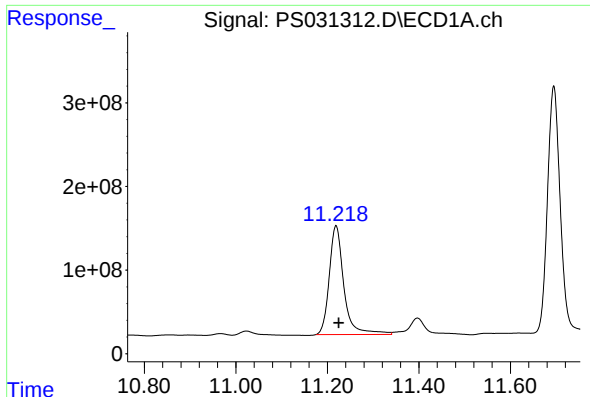
#14 DINOSEB

R.T.: 11.397 min
Delta R.T.: -0.010 min
Response: 464832892
Conc: 40.55 ng/ml



#14 DINOSEB

R.T.: 11.298 min
Delta R.T.: -0.004 min
Response: 288017940
Conc: 30.84 ng/ml



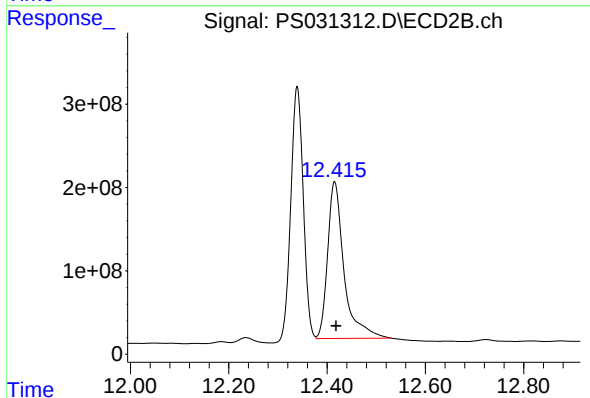
#15 Picloram

R.T.: 11.219 min
Delta R.T.: -0.006 min
Response: 2889072635
Conc: 246.73 ng/ml

Instrument :
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ClientSampleId :
7211935-295MSD

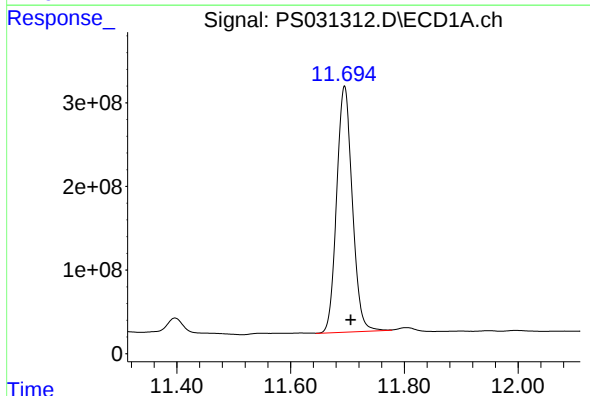
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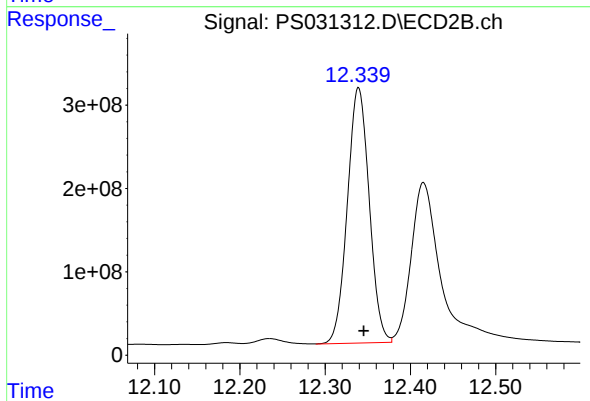
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.003 min
Response: 4364644530
Conc: 255.32 ng/ml



#16 DCPA

R.T.: 11.694 min
Delta R.T.: -0.011 min
Response: 5612075755
Conc: 270.64 ng/ml m



#16 DCPA

R.T.: 12.339 min
Delta R.T.: -0.007 min
Response: 5461204561
Conc: 292.80 ng/ml m