

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011525\
 Data File : PS028915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jan 2025 17:12
 Operator : AR\AJ
 Sample : Q1074-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HACKENSACK-DGAMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/16/2025
 Supervised By : Ankita Jodhani 01/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 20:38:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Jan 14 12:25:39 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	7.197	7.676	1175.9E6	455.1E6	422.388m	407.856m
Target Compounds							
1) T	Dalapon	2.612	2.674	1773.2E6	769.0E6	594.674m	376.950m#
2) T	3,5-DICHL...	6.374	6.643	1327.7E6	533.9E6	332.176	323.072
3) T	4-Nitroph...	6.996	7.207	324.1E6	178.4E6	182.918	200.542
5) T	DICAMBA	7.383	7.874	3613.2E6	1738.4E6	304.621	312.154
6) T	MCP	7.561	7.975	150.4E6	86679934	22.066	28.817 #
7) T	MCPA	7.710	8.216	255.0E6	118.6E6	25.884	27.932
8) T	DICHLORPROP	8.086	8.585	954.5E6	453.9E6	301.226	322.945
9) T	2,4-D	8.316	8.913	1255.2E6	508.4E6	371.428	339.019
10) T	Pentachlo...	8.612	9.436	13877.6E6	6545.8E6	287.696	282.560
11) T	2,4,5-TP ...	9.188	9.812	5422.7E6	2828.4E6	283.427	300.273
12) T	2,4,5-T	9.479	10.229	5690.2E6	2679.2E6	296.413	297.394
13) T	2,4-DB	10.051	10.793	748.1E6	268.2E6	210.886m	269.351m#
14) T	DINOSEB	11.253	11.172	757.4E6	325.3E6	45.770m	50.684
15) T	Picloram	11.063	12.254	8362.2E6	3326.9E6	265.027	247.915
16) T	DCPA	11.545	12.209	6352.7E6	3701.0E6	221.495	326.009 #

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

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ALS Vial : 7 Sample Multiplier: 1

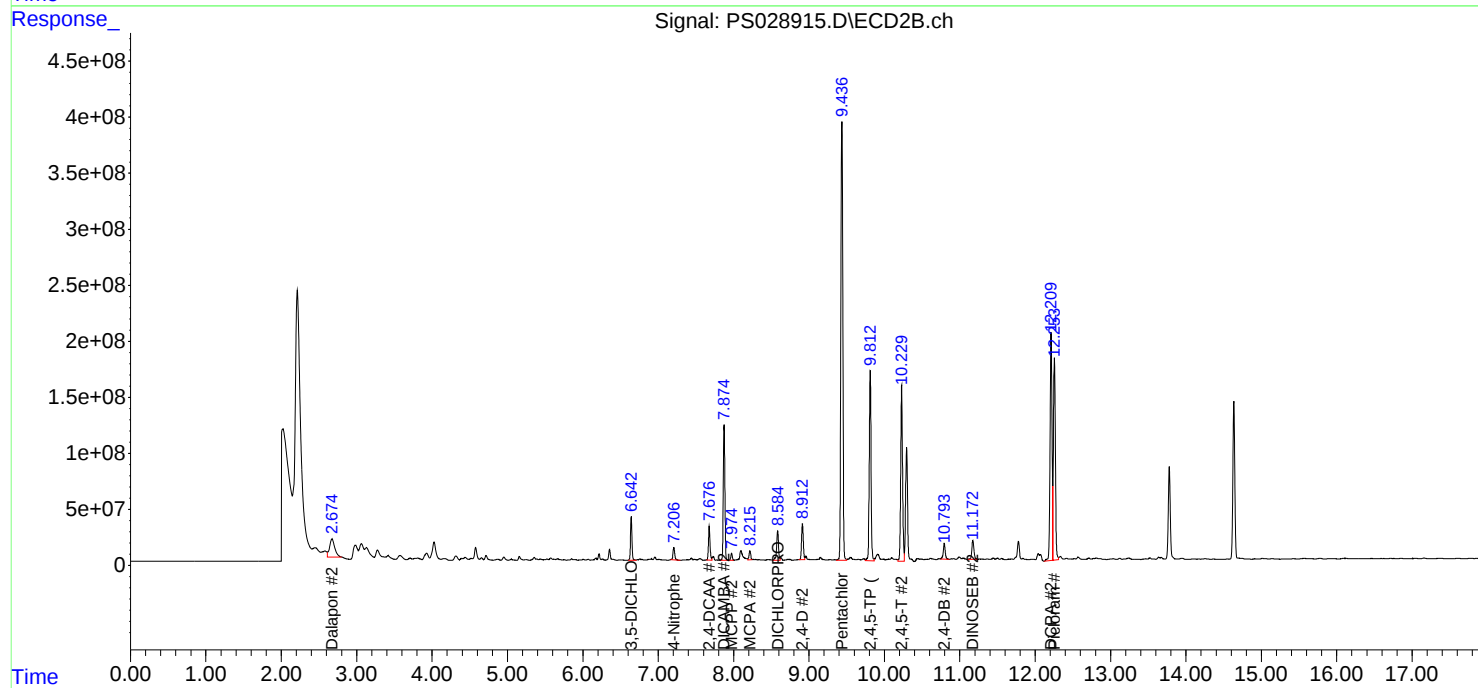
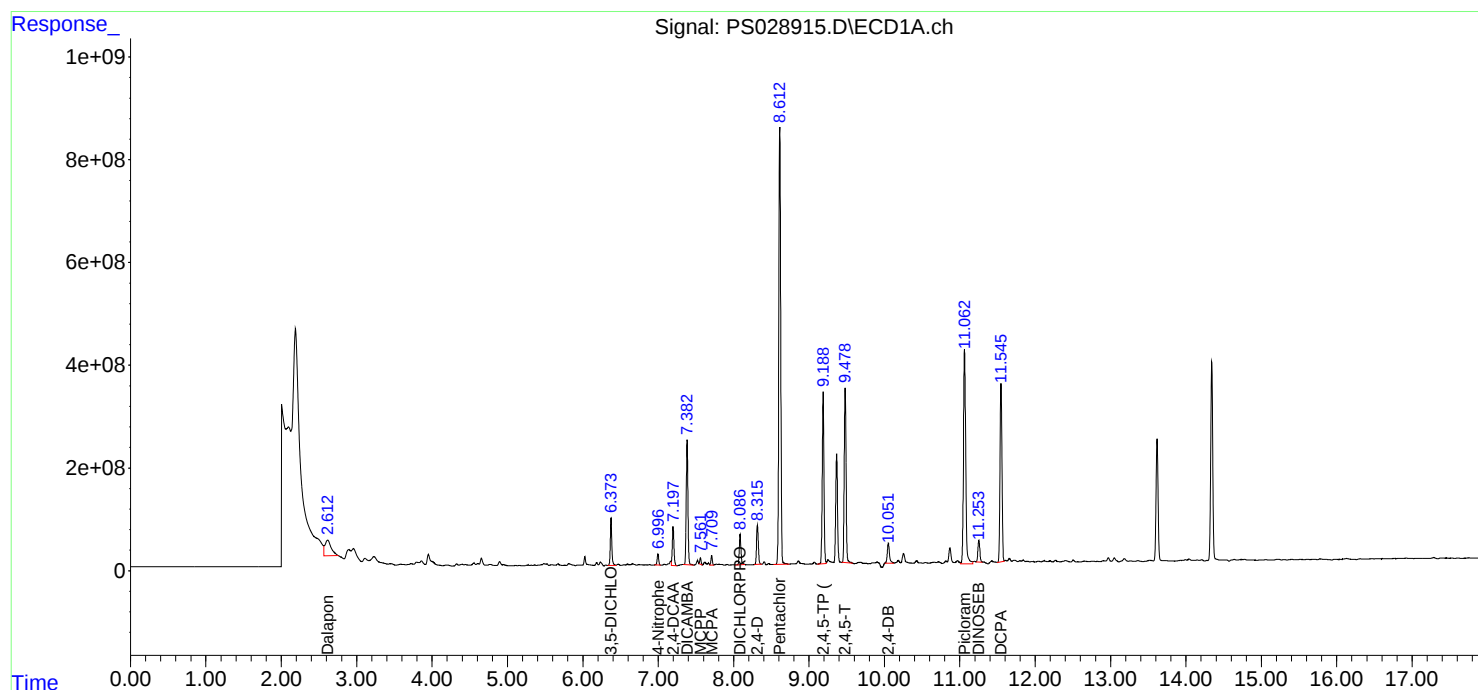
Instrument :
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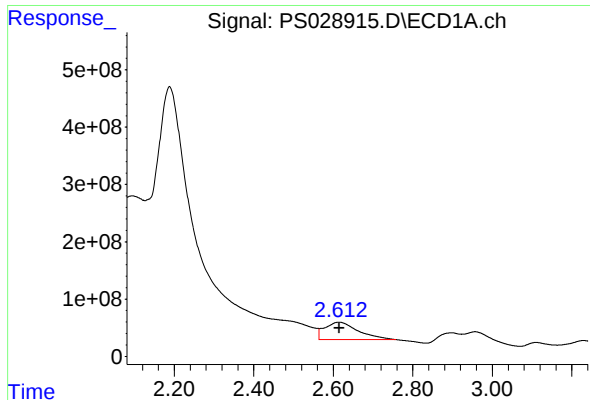
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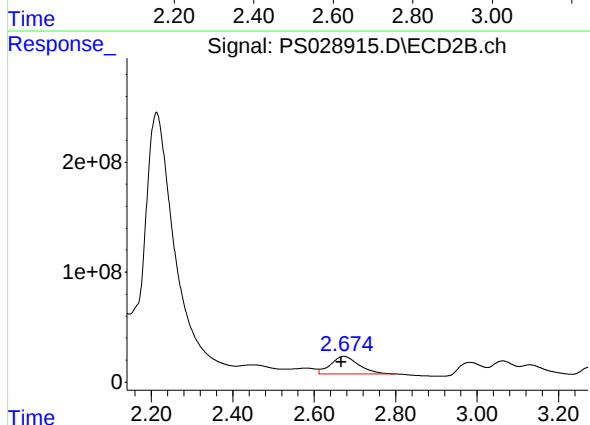
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: -0.003 min
Response: 1773165972
Conc: 594.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
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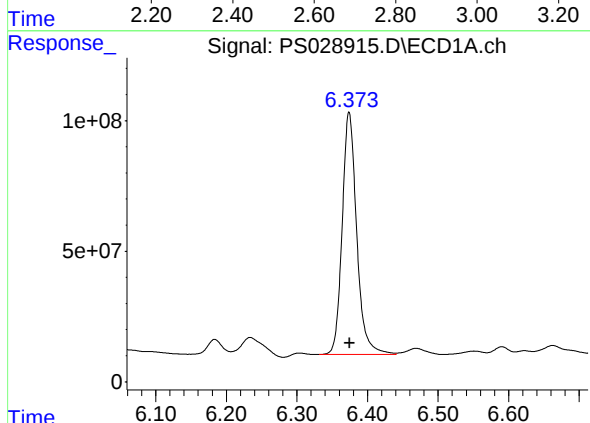
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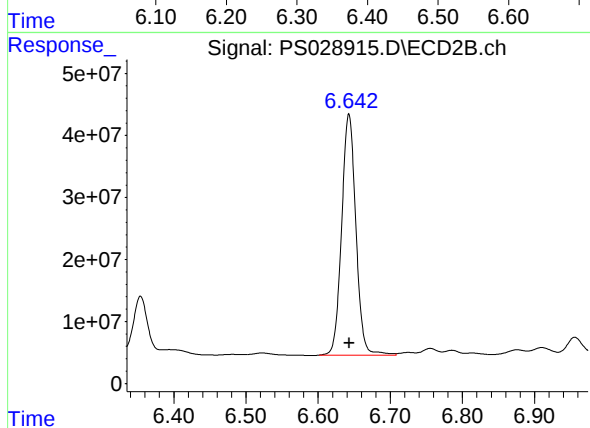
#1 Dalapon

R.T.: 2.674 min
Delta R.T.: 0.007 min
Response: 769033701
Conc: 376.95 ng/ml m



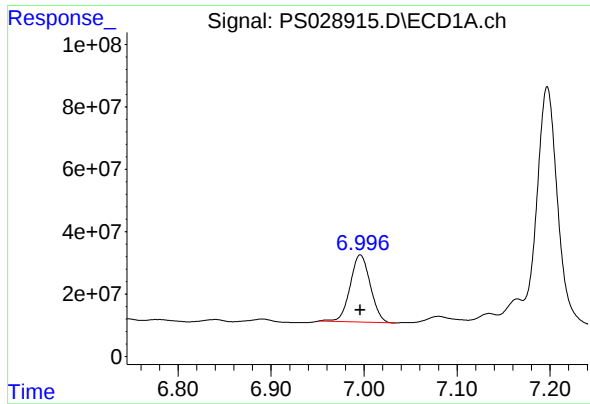
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 1327656241
Conc: 332.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 533914605
Conc: 323.07 ng/ml



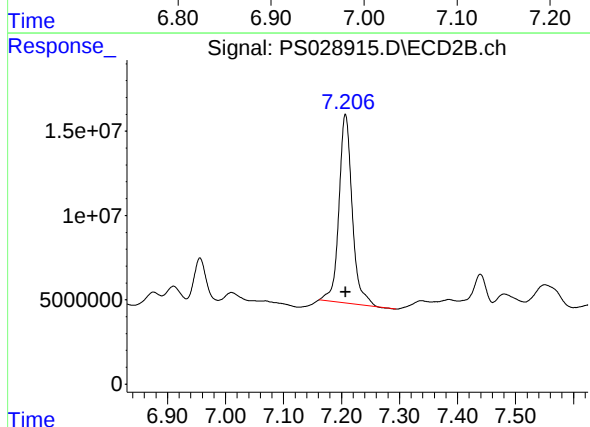
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 324144563
Conc: 182.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
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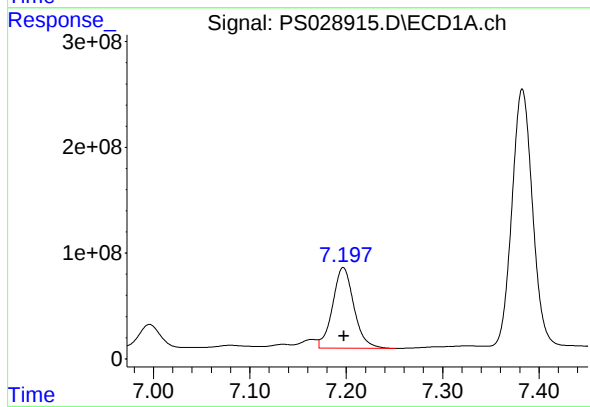
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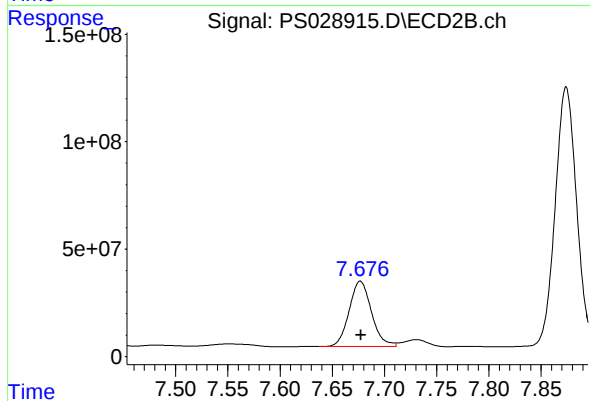
#3 4-Nitrophenol

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 178437563
Conc: 200.54 ng/ml



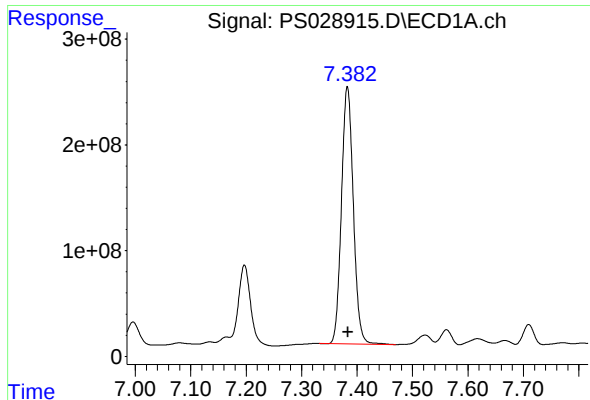
#4 2,4-DCAA

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 1175933306
Conc: 422.39 ng/ml m



#4 2,4-DCAA

R.T.: 7.676 min
Delta R.T.: -0.001 min
Response: 455091328
Conc: 407.86 ng/ml m



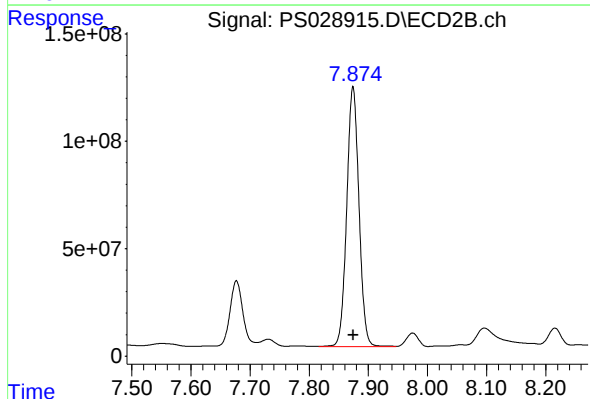
#5 DICAMBA

R.T.: 7.383 min
Delta R.T.: -0.001 min
Response: 3613247508
Conc: 304.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMS

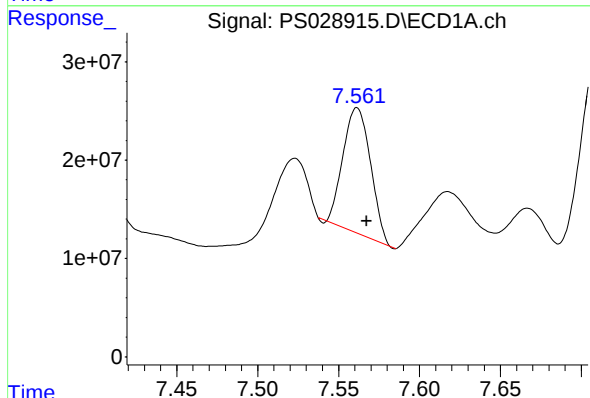
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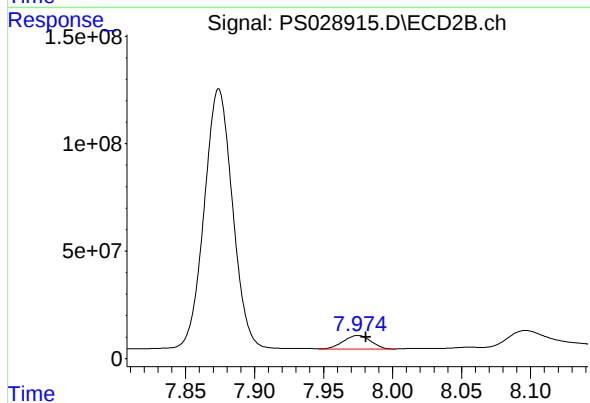
#5 DICAMBA

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 1738395356
Conc: 312.15 ng/ml



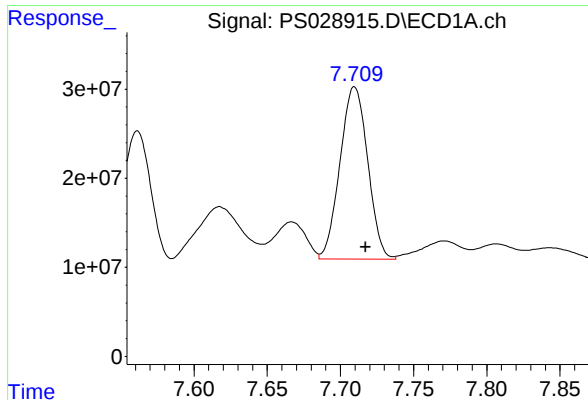
#6 MCPP

R.T.: 7.561 min
Delta R.T.: -0.006 min
Response: 150407228
Conc: 22.07 ug/ml



#6 MCPP

R.T.: 7.975 min
Delta R.T.: -0.006 min
Response: 86679934
Conc: 28.82 ug/ml



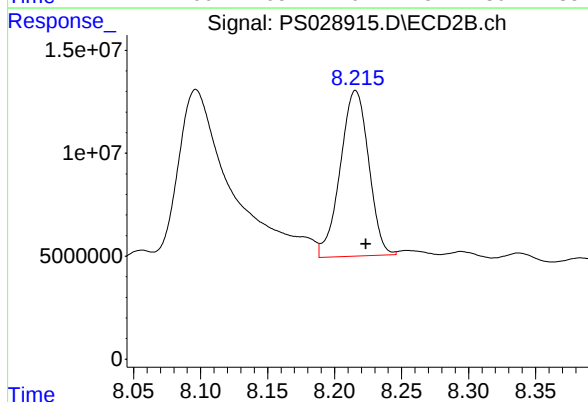
#7 MCPA

R.T.: 7.710 min
Delta R.T.: -0.008 min
Response: 254984041
Conc: 25.88 ug/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMS

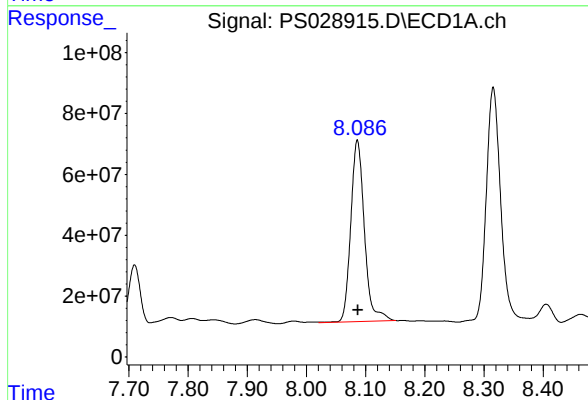
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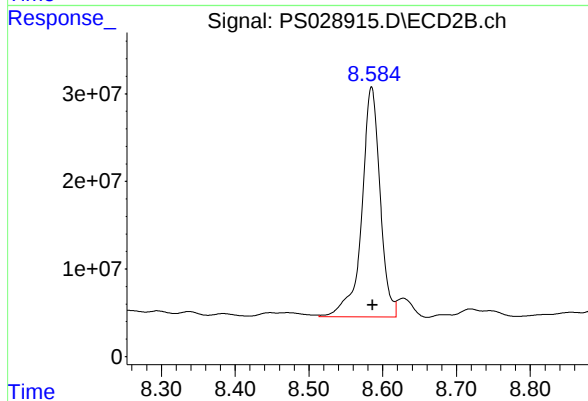
#7 MCPA

R.T.: 8.216 min
Delta R.T.: -0.008 min
Response: 118637635
Conc: 27.93 ug/ml



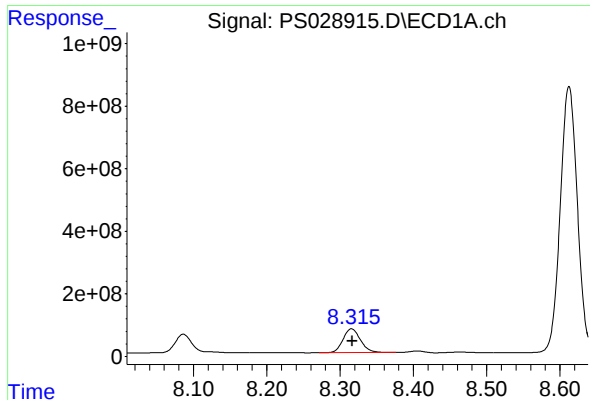
#8 DICHLORPROP

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 954456807
Conc: 301.23 ng/ml



#8 DICHLORPROP

R.T.: 8.585 min
Delta R.T.: -0.001 min
Response: 453931353
Conc: 322.95 ng/ml



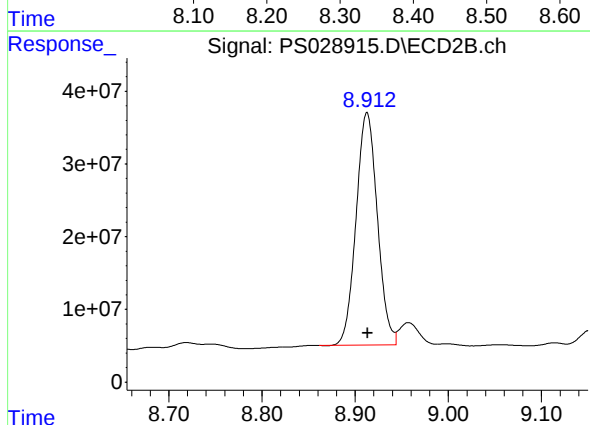
#9 2,4-D

R.T.: 8.316 min
Delta R.T.: -0.001 min
Response: 1255223527
Conc: 371.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMS

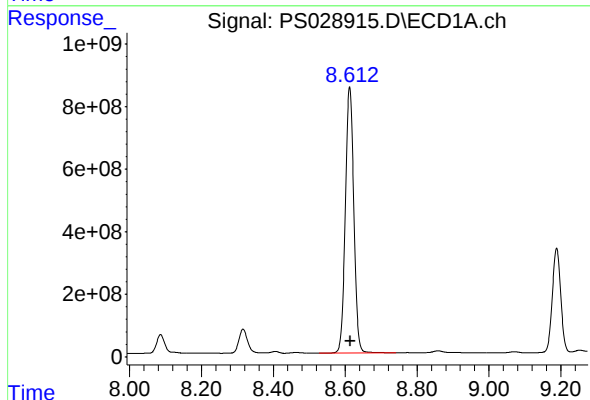
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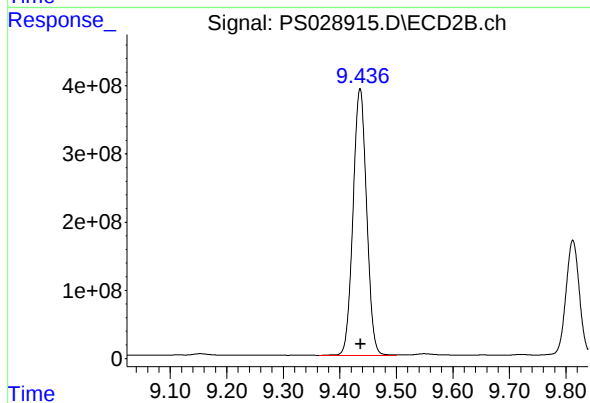
#9 2,4-D

R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 508364917
Conc: 339.02 ng/ml



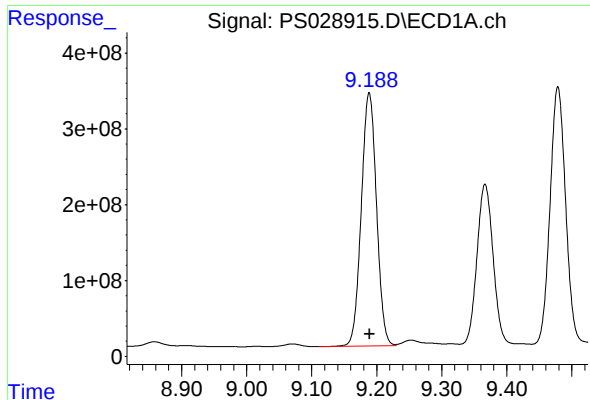
#10 Pentachlorophenol

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 13877622381
Conc: 287.70 ng/ml



#10 Pentachlorophenol

R.T.: 9.436 min
Delta R.T.: -0.001 min
Response: 6545786901
Conc: 282.56 ng/ml



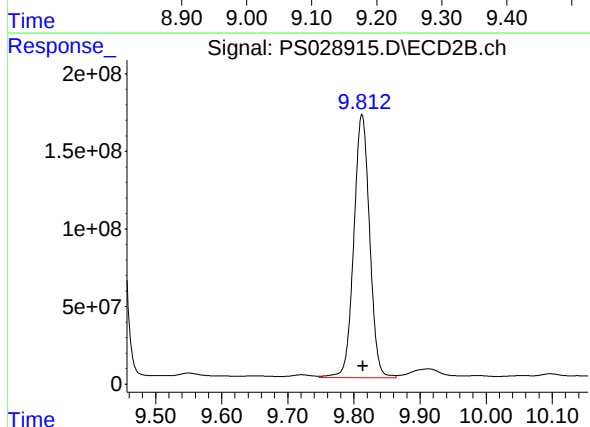
#11 2,4,5-TP (SILVEX)

R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 5422707389
Conc: 283.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMS

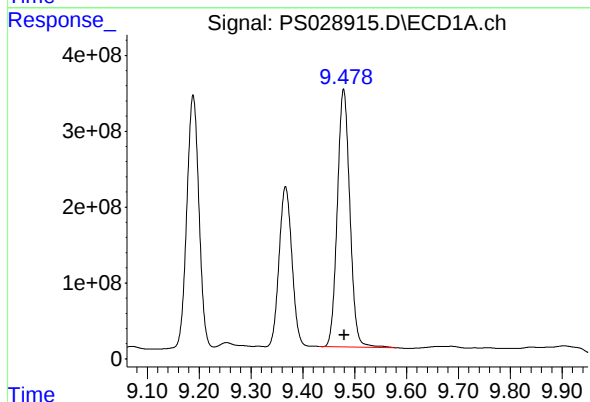
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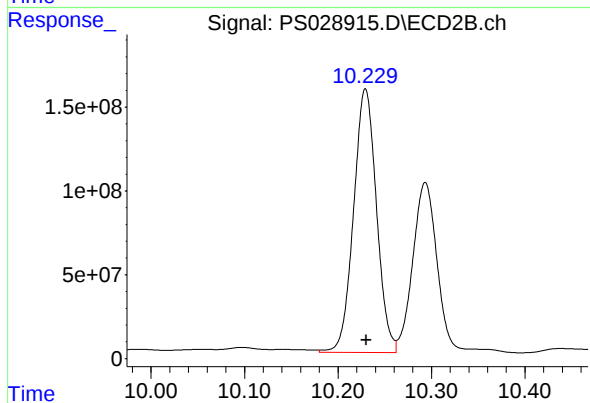
#11 2,4,5-TP (SILVEX)

R.T.: 9.812 min
Delta R.T.: -0.001 min
Response: 2828394669
Conc: 300.27 ng/ml



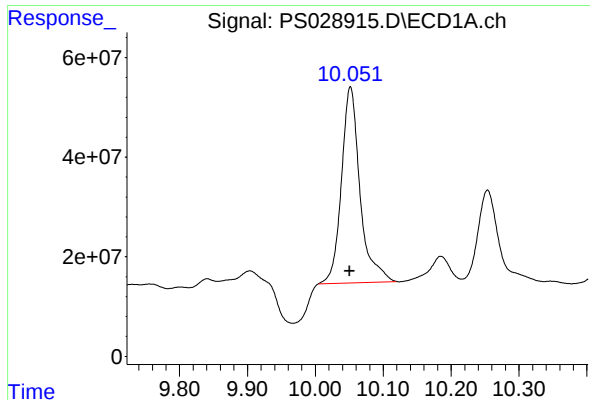
#12 2,4,5-T

R.T.: 9.479 min
Delta R.T.: -0.001 min
Response: 5690211372
Conc: 296.41 ng/ml



#12 2,4,5-T

R.T.: 10.229 min
Delta R.T.: -0.001 min
Response: 2679221131
Conc: 297.39 ng/ml



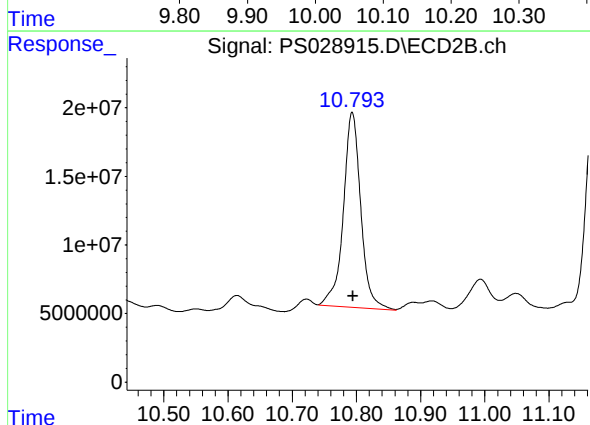
#13 2,4-DB

R.T.: 10.051 min
Delta R.T.: 0.000 min
Response: 748088194
Conc: 210.89 ng/ml

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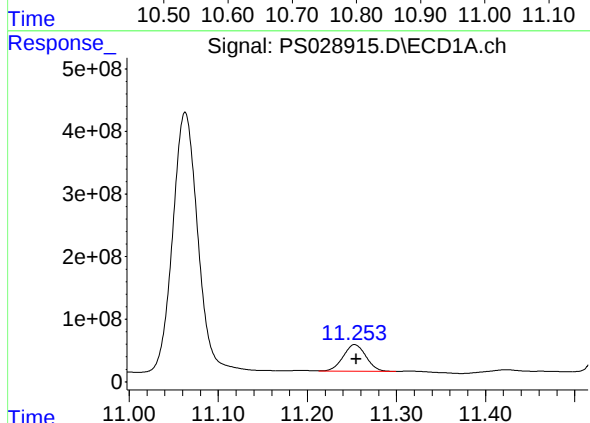
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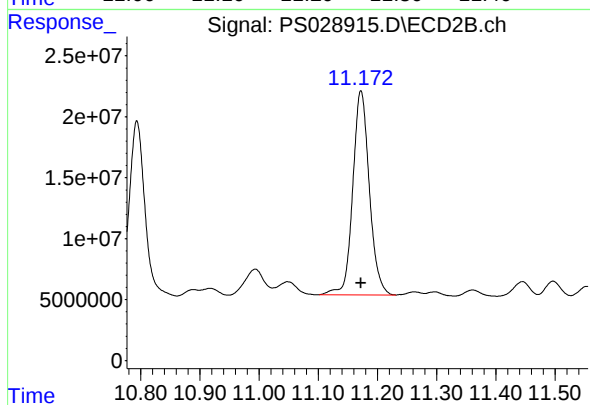
#13 2,4-DB

R.T.: 10.793 min
Delta R.T.: -0.002 min
Response: 268208126
Conc: 269.35 ng/ml m



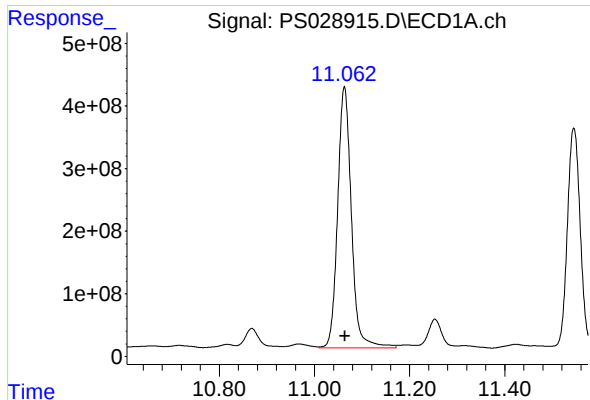
#14 DINOSEB

R.T.: 11.253 min
Delta R.T.: -0.002 min
Response: 757368787
Conc: 45.77 ng/ml m



#14 DINOSEB

R.T.: 11.172 min
Delta R.T.: 0.000 min
Response: 325252751
Conc: 50.68 ng/ml



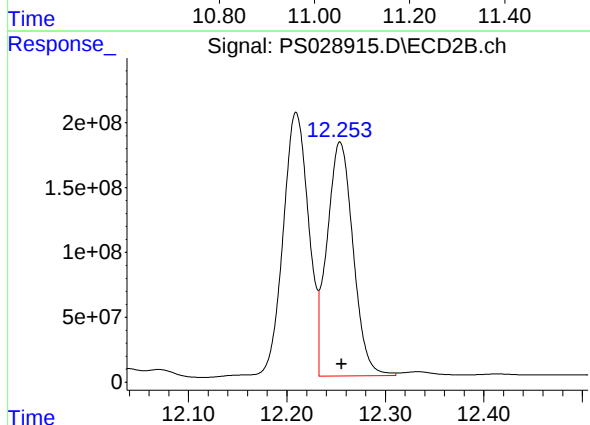
#15 Picloram

R.T.: 11.063 min
Delta R.T.: -0.002 min
Response: 8362170545
Conc: 265.03 ng/ml

Instrument :
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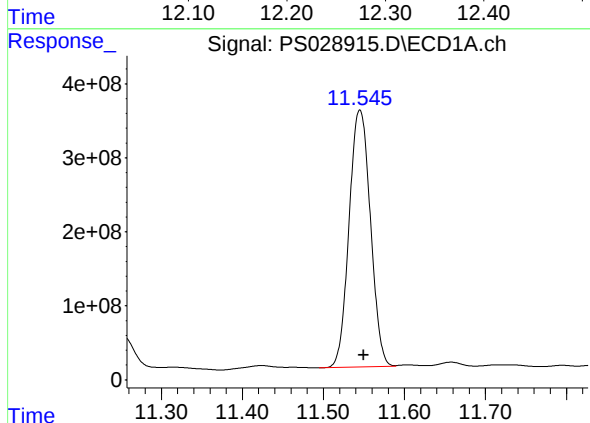
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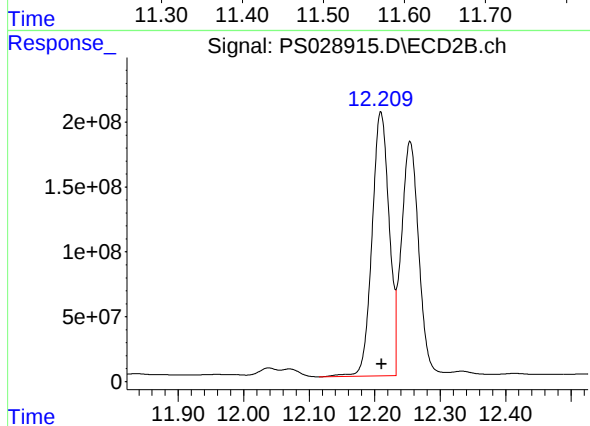
#15 Picloram

R.T.: 12.254 min
Delta R.T.: -0.002 min
Response: 3326939223
Conc: 247.92 ng/ml



#16 DCPA

R.T.: 11.545 min
Delta R.T.: -0.005 min
Response: 6352695582
Conc: 221.49 ng/ml



#16 DCPA

R.T.: 12.209 min
Delta R.T.: -0.001 min
Response: 3700973978
Conc: 326.01 ng/ml