

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011525\
 Data File : PS028916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jan 2025 17:36
 Operator : AR\AJ
 Sample : Q1074-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HACKENSACK-DGAMSD

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 20:38:19 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	7.196	7.677	1168.6E6	457.1E6	419.746m	409.689
Target Compounds							
1) T	Dalapon	2.610	2.671	1716.2E6	745.6E6	575.582m	365.456m#
2) T	3,5-DICHL...	6.373	6.642	1312.3E6	528.2E6	328.334	319.639
3) T	4-Nitroph...	6.995	7.206	309.9E6	172.0E6	174.854	193.311
5) T	DICAMBA	7.382	7.874	3565.1E6	1718.8E6	300.562	308.634
6) T	MCP	7.560	7.974	167.2E6	86043184	24.533m	28.605
7) T	MCPA	7.709	8.215	250.1E6	117.6E6	25.385	27.691
8) T	DICHLORPROP	8.085	8.585	923.9E6	447.5E6	291.574m	318.393
9) T	2,4-D	8.314	8.912	1241.8E6	503.6E6	367.444	335.824
10) T	Pentachlo...	8.612	9.435	13663.4E6	6483.3E6	283.256	279.861
11) T	2,4,5-TP ...	9.188	9.811	5334.1E6	2802.6E6	278.795	297.531
12) T	2,4,5-T	9.478	10.228	5595.0E6	2649.9E6	291.452	294.143
13) T	2,4-DB	10.050	10.792	750.0E6	259.5E6	211.425m	260.621m
14) T	DINOSEB	11.252	11.171	739.1E6	323.0E6	44.666m	50.326
15) T	Picloram	11.062	12.253	8220.3E6	3294.3E6	260.530	245.481
16) T	DCPA	11.543	12.208	6275.9E6	3659.8E6	218.819	322.379 #

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

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Operator : AR\AJ
Sample : Q1074-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

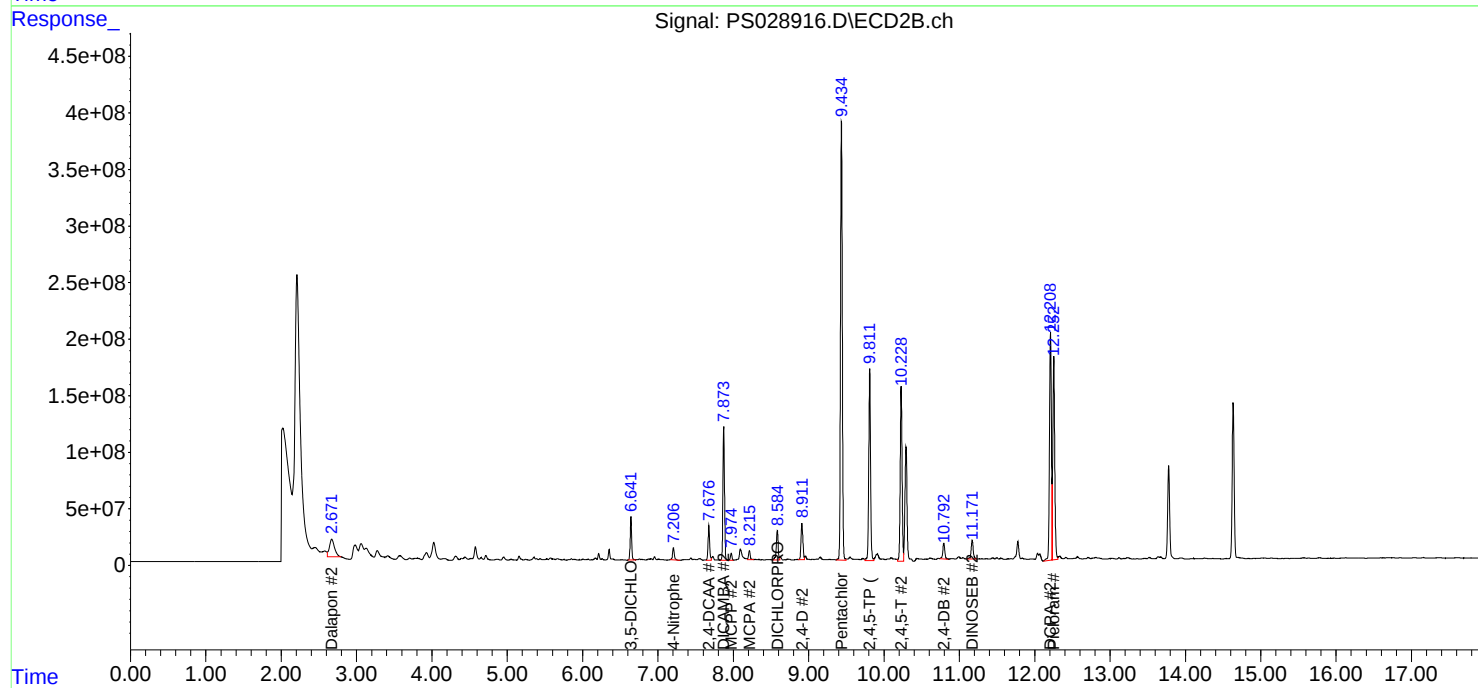
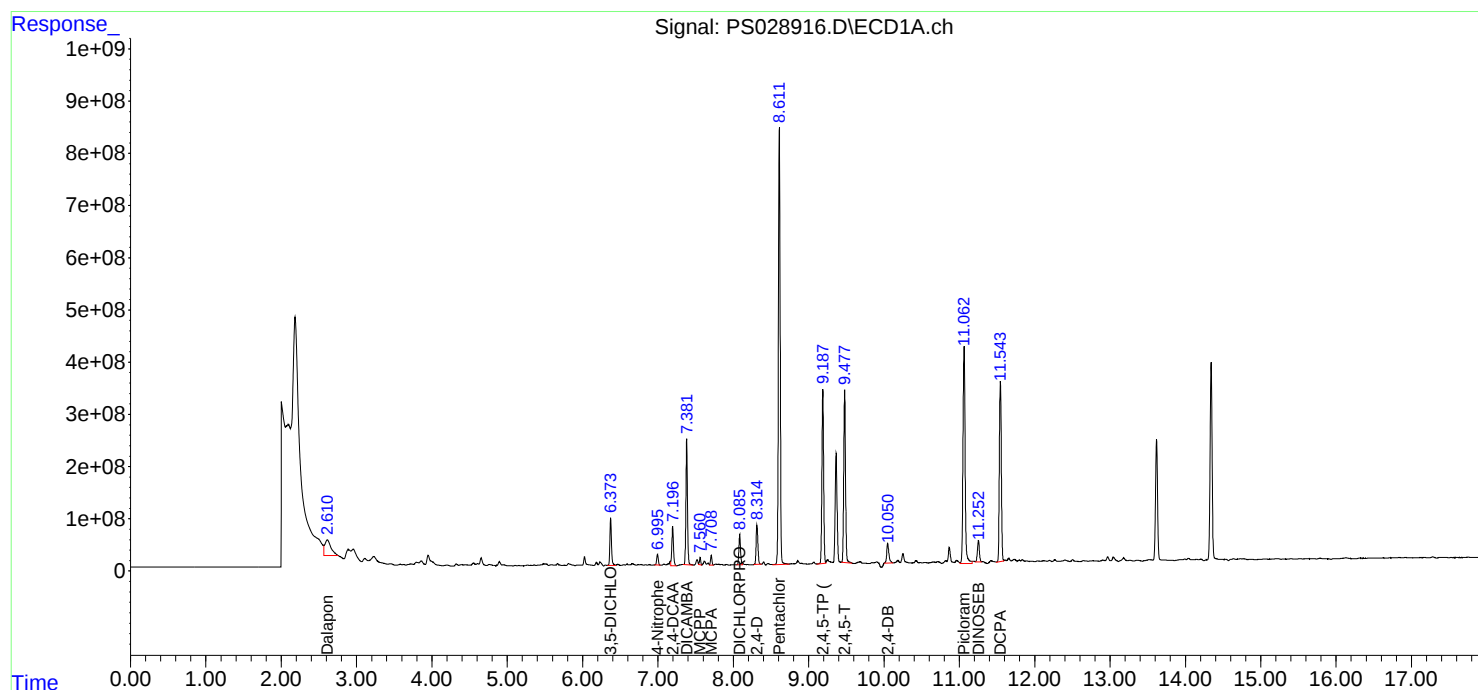
Instrument :
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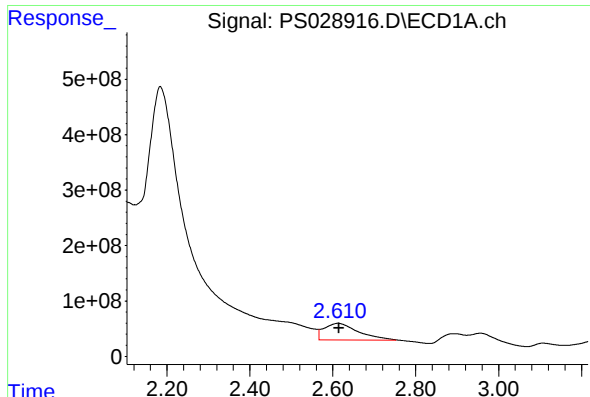
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.610 min
Delta R.T.: -0.005 min
Response: 1716238099
Conc: 575.58 ng/ml

Instrument :

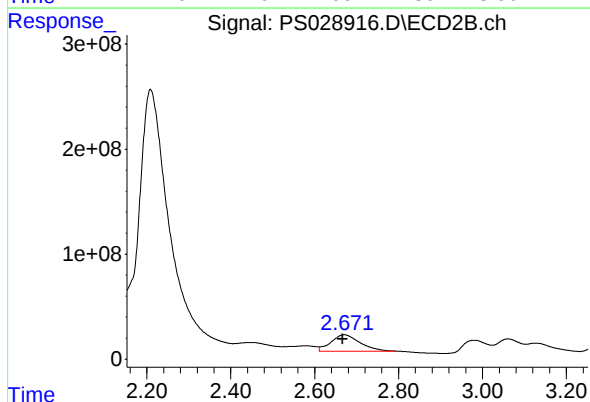
ECD_S

ClientSampleId :

HACKENSACK-DGAMSD

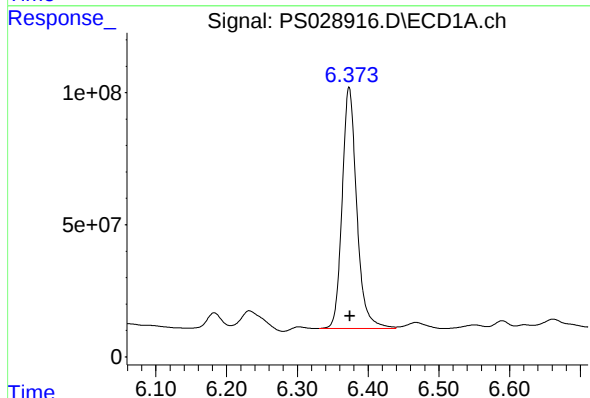
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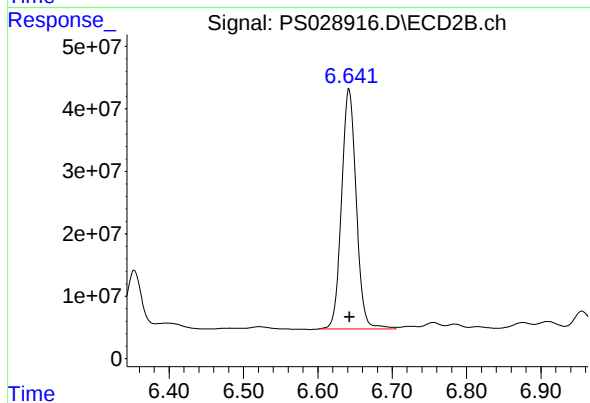
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.004 min
Response: 745584577
Conc: 365.46 ng/ml



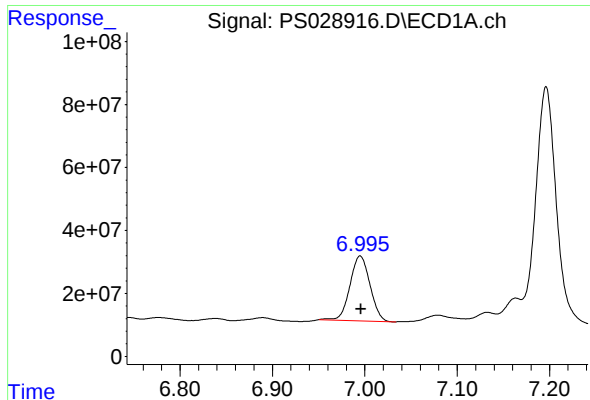
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 1312301036
Conc: 328.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.642 min
Delta R.T.: -0.001 min
Response: 528241422
Conc: 319.64 ng/ml



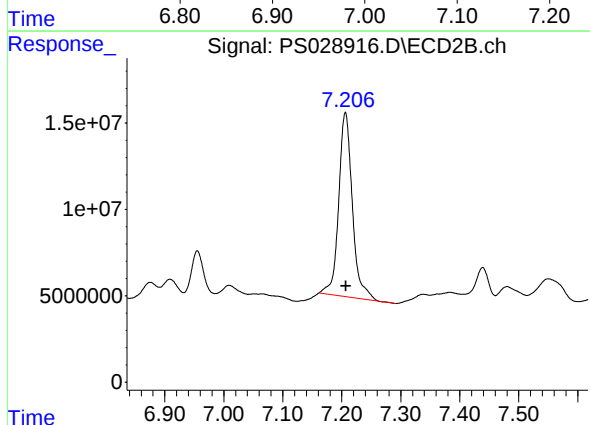
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 309856048
Conc: 174.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMSD

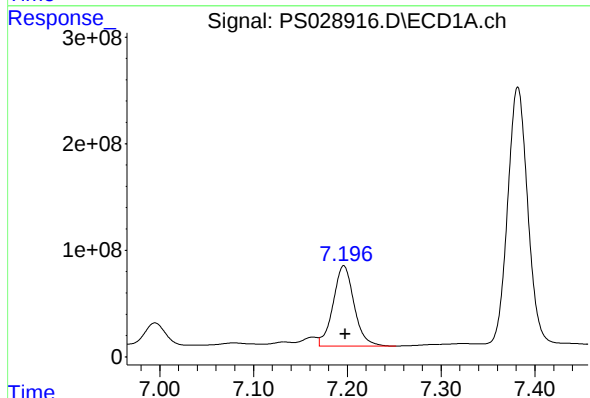
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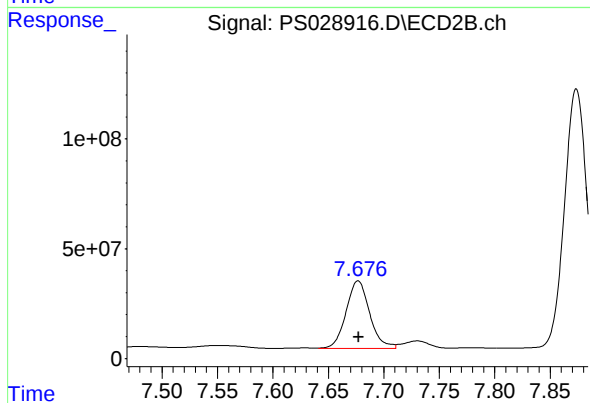
#3 4-Nitrophenol

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 172003457
Conc: 193.31 ng/ml



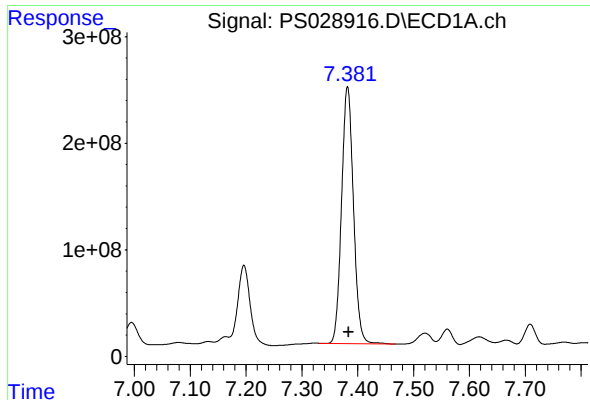
#4 2,4-DCAA

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 1168578690
Conc: 419.75 ng/ml m



#4 2,4-DCAA

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 457136818
Conc: 409.69 ng/ml



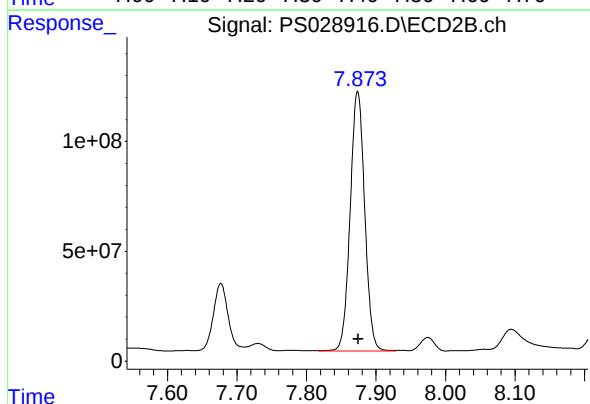
#5 DICAMBA

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 3565102638
Conc: 300.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMSD

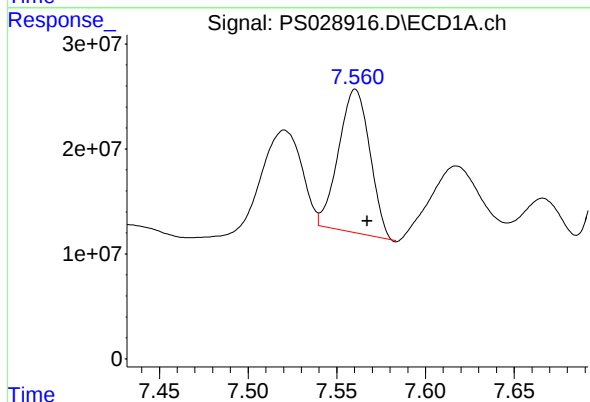
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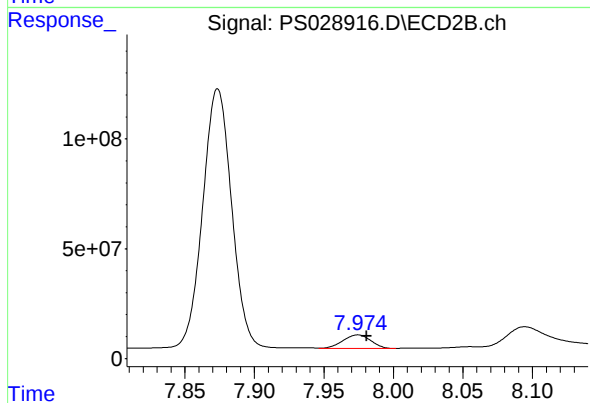
#5 DICAMBA

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 1718796884
Conc: 308.63 ng/ml



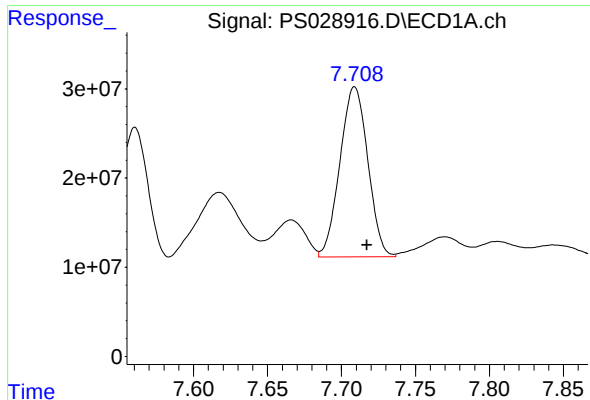
#6 MCPP

R.T.: 7.560 min
Delta R.T.: -0.007 min
Response: 167226543
Conc: 24.53 ug/ml m



#6 MCPP

R.T.: 7.974 min
Delta R.T.: -0.006 min
Response: 86043184
Conc: 28.61 ug/ml



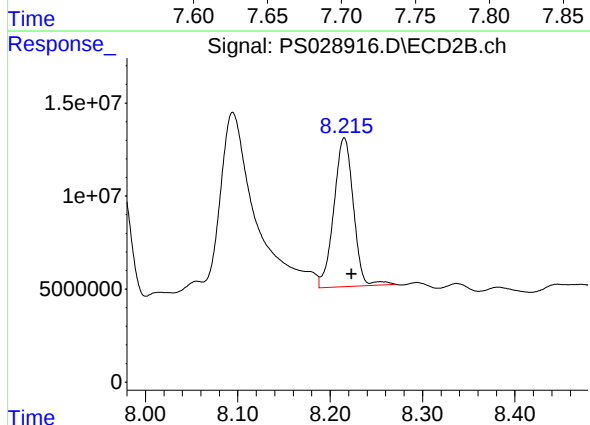
#7 MCPA

R.T.: 7.709 min
Delta R.T.: -0.008 min
Response: 250069031
Conc: 25.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMSD

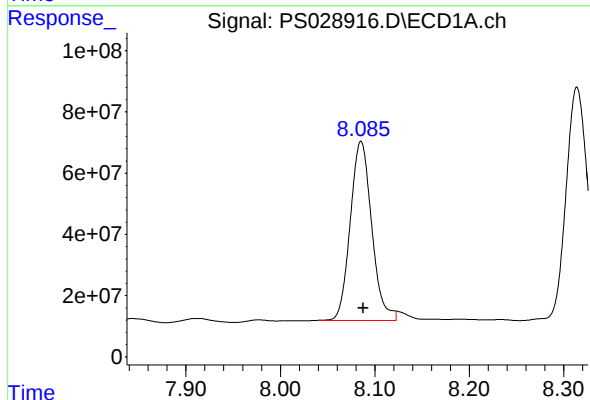
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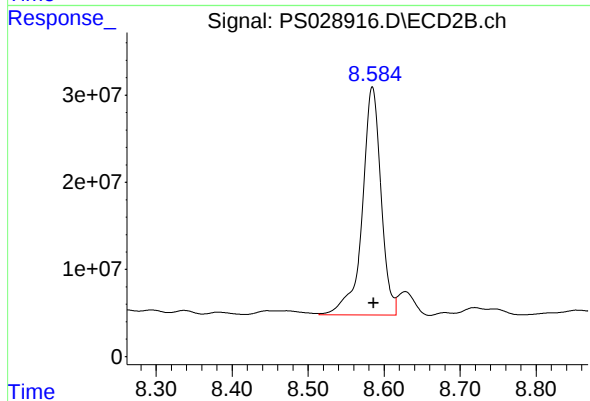
#7 MCPA

R.T.: 8.215 min
Delta R.T.: -0.008 min
Response: 117613865
Conc: 27.69 ug/ml



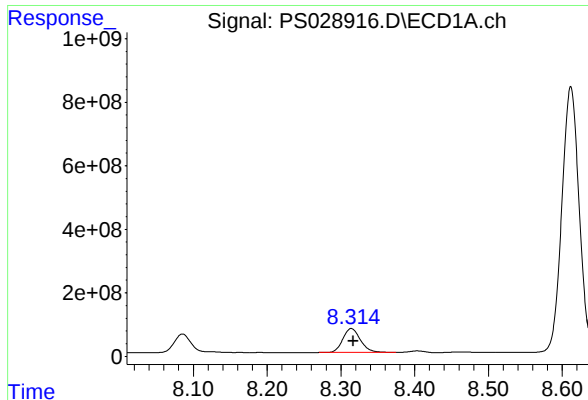
#8 DICHLORPROP

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 923873818
Conc: 291.57 ng/ml m



#8 DICHLORPROP

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 447533164
Conc: 318.39 ng/ml



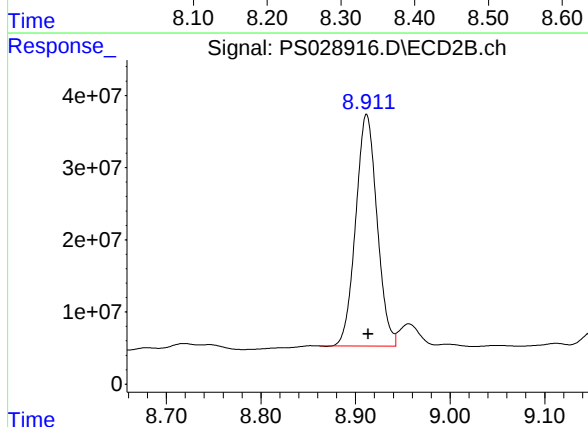
#9 2,4-D

R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 1241759552
Conc: 367.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMSD

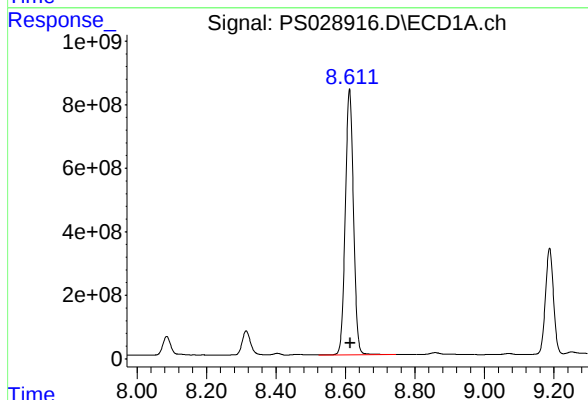
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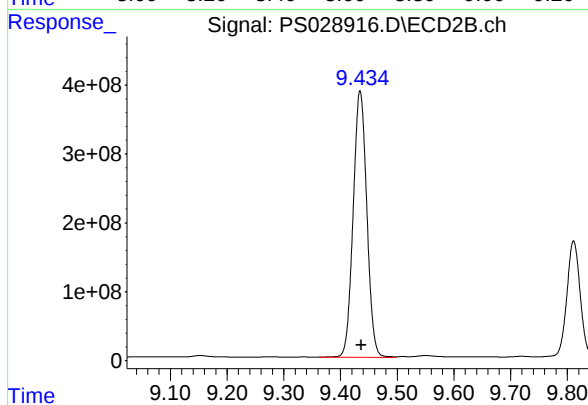
#9 2,4-D

R.T.: 8.912 min
Delta R.T.: -0.002 min
Response: 503573928
Conc: 335.82 ng/ml



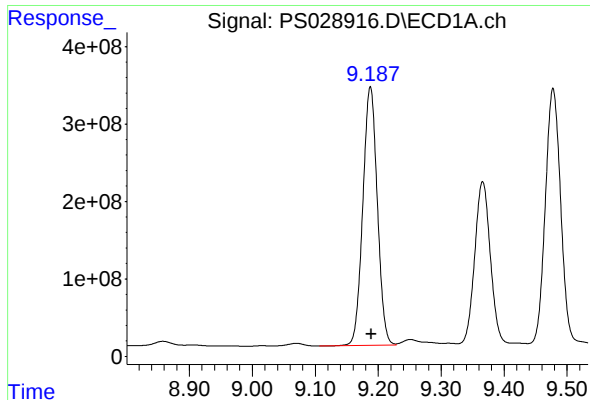
#10 Pentachlorophenol

R.T.: 8.612 min
Delta R.T.: -0.003 min
Response: 13663411660
Conc: 283.26 ng/ml



#10 Pentachlorophenol

R.T.: 9.435 min
Delta R.T.: -0.002 min
Response: 6483272097
Conc: 279.86 ng/ml



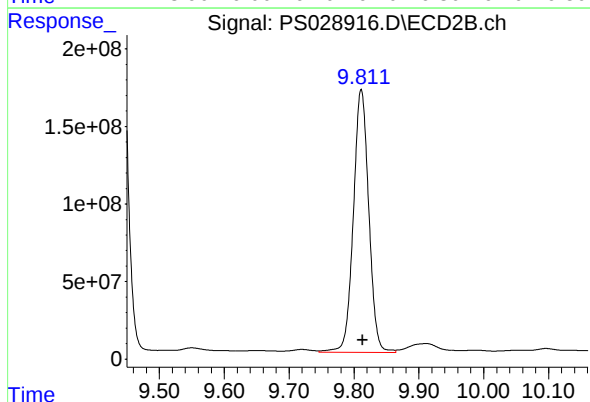
#11 2,4,5-TP (SILVEX)

R.T.: 9.188 min
Delta R.T.: -0.002 min
Response: 5334085269
Conc: 278.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HACKENSACK-DGAMSD

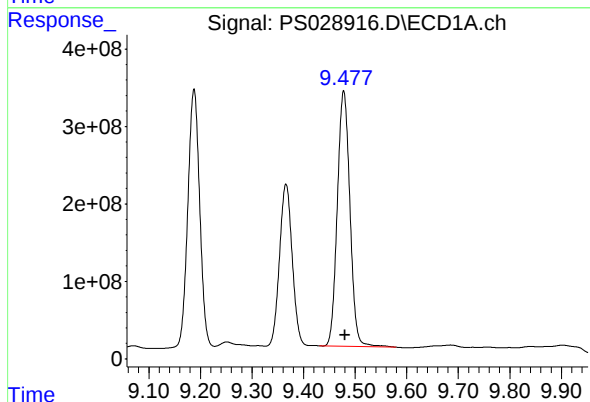
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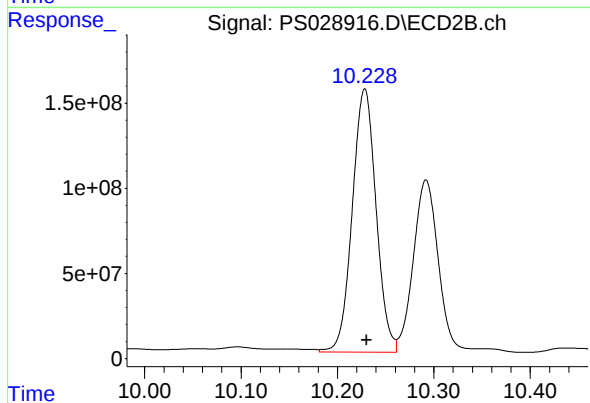
#11 2,4,5-TP (SILVEX)

R.T.: 9.811 min
Delta R.T.: -0.002 min
Response: 2802568587
Conc: 297.53 ng/ml



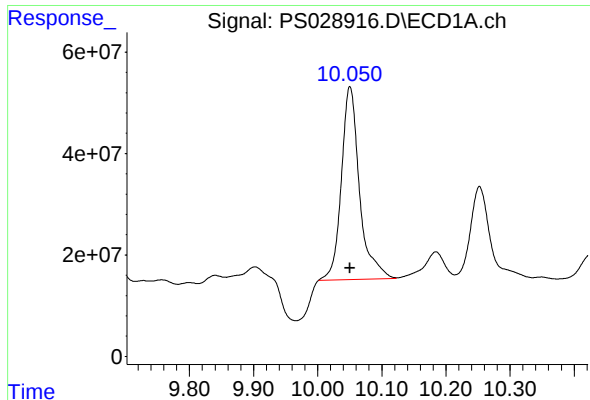
#12 2,4,5-T

R.T.: 9.478 min
Delta R.T.: -0.002 min
Response: 5594972973
Conc: 291.45 ng/ml



#12 2,4,5-T

R.T.: 10.228 min
Delta R.T.: -0.002 min
Response: 2649937713
Conc: 294.14 ng/ml



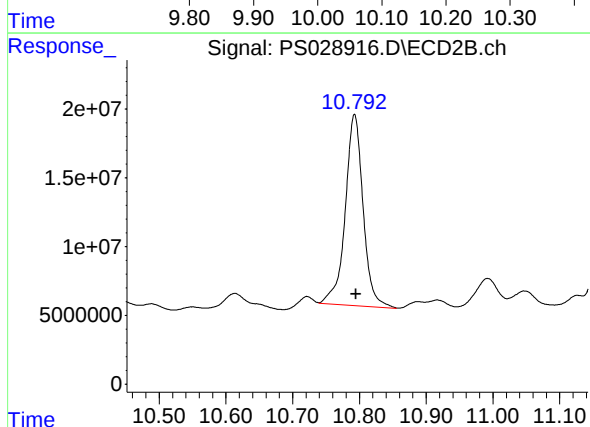
#13 2,4-DB

R.T.: 10.050 min
Delta R.T.: -0.001 min
Response: 749999316
Conc: 211.42 ng/ml

Instrument :
ECD_S
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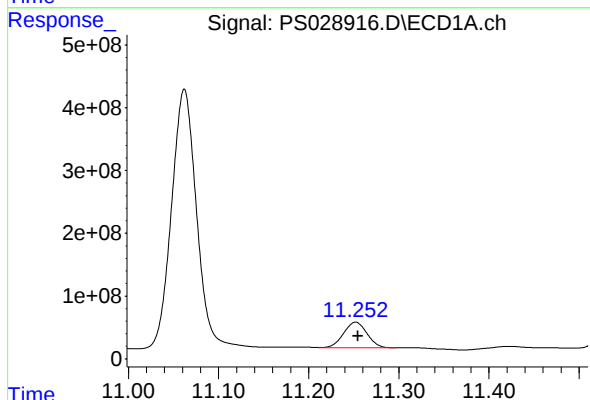
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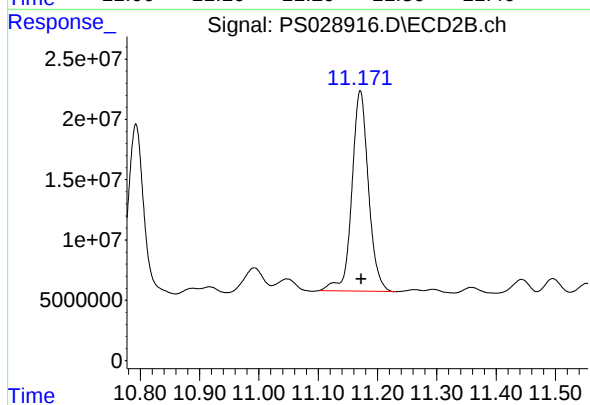
#13 2,4-DB

R.T.: 10.792 min
Delta R.T.: -0.003 min
Response: 259515374
Conc: 260.62 ng/ml



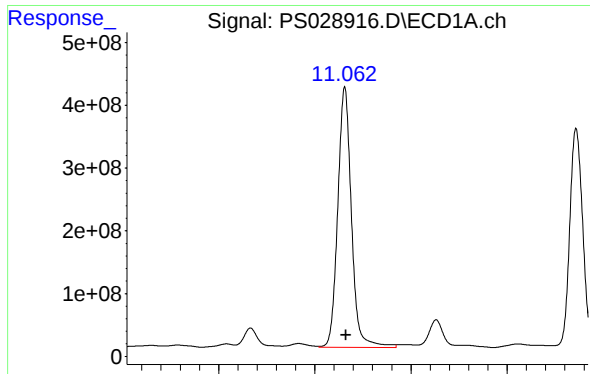
#14 DINOSEB

R.T.: 11.252 min
Delta R.T.: -0.003 min
Response: 739104765
Conc: 44.67 ng/ml



#14 DINOSEB

R.T.: 11.171 min
Delta R.T.: -0.002 min
Response: 322958079
Conc: 50.33 ng/ml



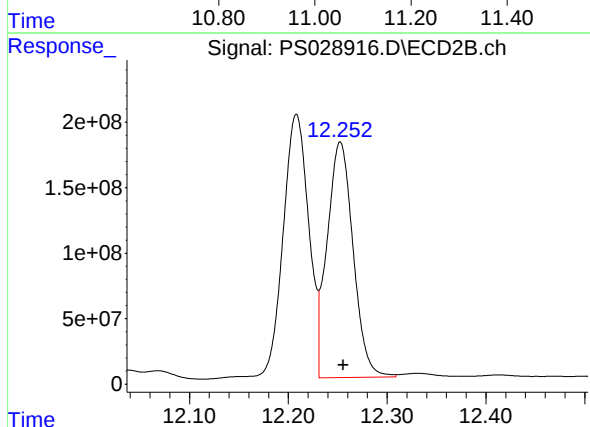
#15 Picloram

R.T.: 11.062 min
Delta R.T.: -0.002 min
Response: 8220272225
Conc: 260.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
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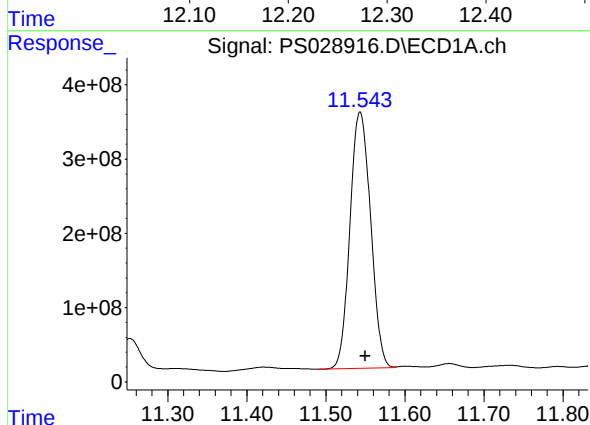
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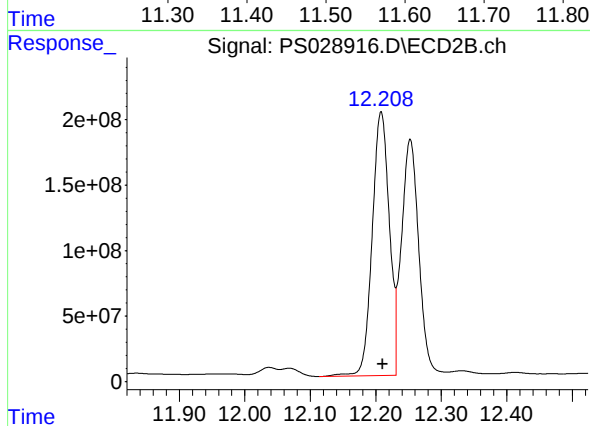
#15 Picloram

R.T.: 12.253 min
Delta R.T.: -0.003 min
Response: 3294267534
Conc: 245.48 ng/ml



#16 DCPA

R.T.: 11.543 min
Delta R.T.: -0.006 min
Response: 6275944250
Conc: 218.82 ng/ml



#16 DCPA

R.T.: 12.208 min
Delta R.T.: -0.003 min
Response: 3659754142
Conc: 322.38 ng/ml