

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041825\
 Data File : PS029856.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 11:46
 Operator : AR\AJ
 Sample : PB167620BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167620BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/19/2025
 Supervised By :mohammad ahmed 04/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 00:31:22 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	6.946	7.466	1002.8E6	315.1E6	491.828	462.308
Target Compounds							
1) T	Dalapon	2.449	2.522	1740.5E6	663.2E6	513.048	417.751
2) T	3,5-DICHL...	6.149	6.462	1488.3E6	405.6E6	494.832	420.023
3) T	4-Nitroph...	6.736	7.000	682.2E6	312.0E6	485.652	440.127
5) T	DICAMBA	7.123	7.652	4027.8E6	1617.3E6	484.000	437.891m
6) T	MCP	7.300	7.758	232.0E6	67942450	42.814	40.239
7) T	MCPA	7.442	7.989	318.5E6	84266579	43.811m	37.036
8) T	DICHLORPROP	7.803	8.347	1203.7E6	420.5E6	547.274	435.283
9) T	2,4-D	8.023	8.662	1161.9E6	472.0E6	482.199	437.699
10) T	Pentachlo...	8.303	9.163	14320.1E6	8662.2E6	470.977	483.175
11) T	2,4,5-TP ...	8.868	9.542	5613.1E6	3416.2E6	483.245	473.614
12) T	2,4,5-T	9.151	9.948	5660.5E6	3242.4E6	492.031	483.728
13) T	2,4-DB	9.710	10.508	927.6E6	326.8E6	510.582	440.398
14) T	DINOSEB	10.875	10.882	4047.6E6	2374.7E6	479.460	464.456
15) T	Picloram	10.692	11.922	7240.1E6	4999.3E6	467.089	422.793m
16) T	DCPA	11.176	11.920	6889.9E6	4612.7E6	493.330	521.173m

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

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Acq On : 18 Apr 2025 11:46
Operator : AR\AJ
Sample : PB167620BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

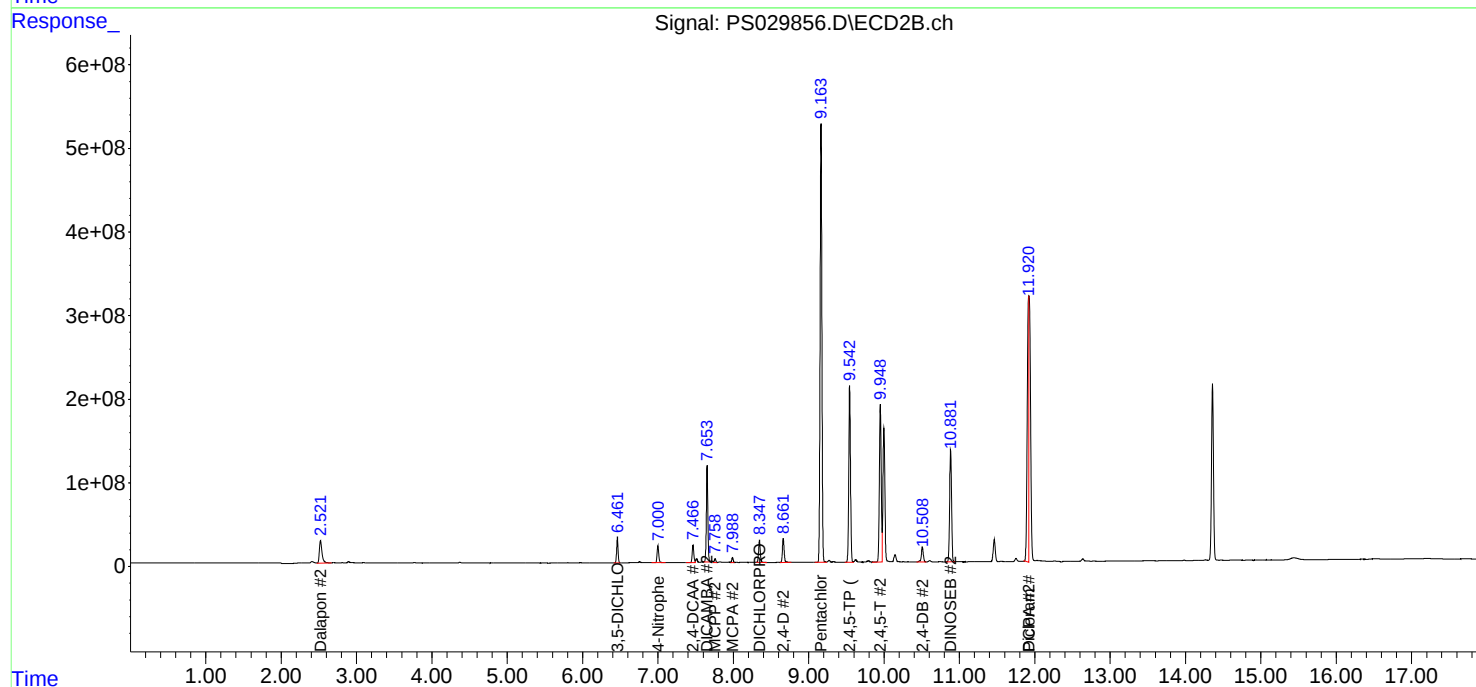
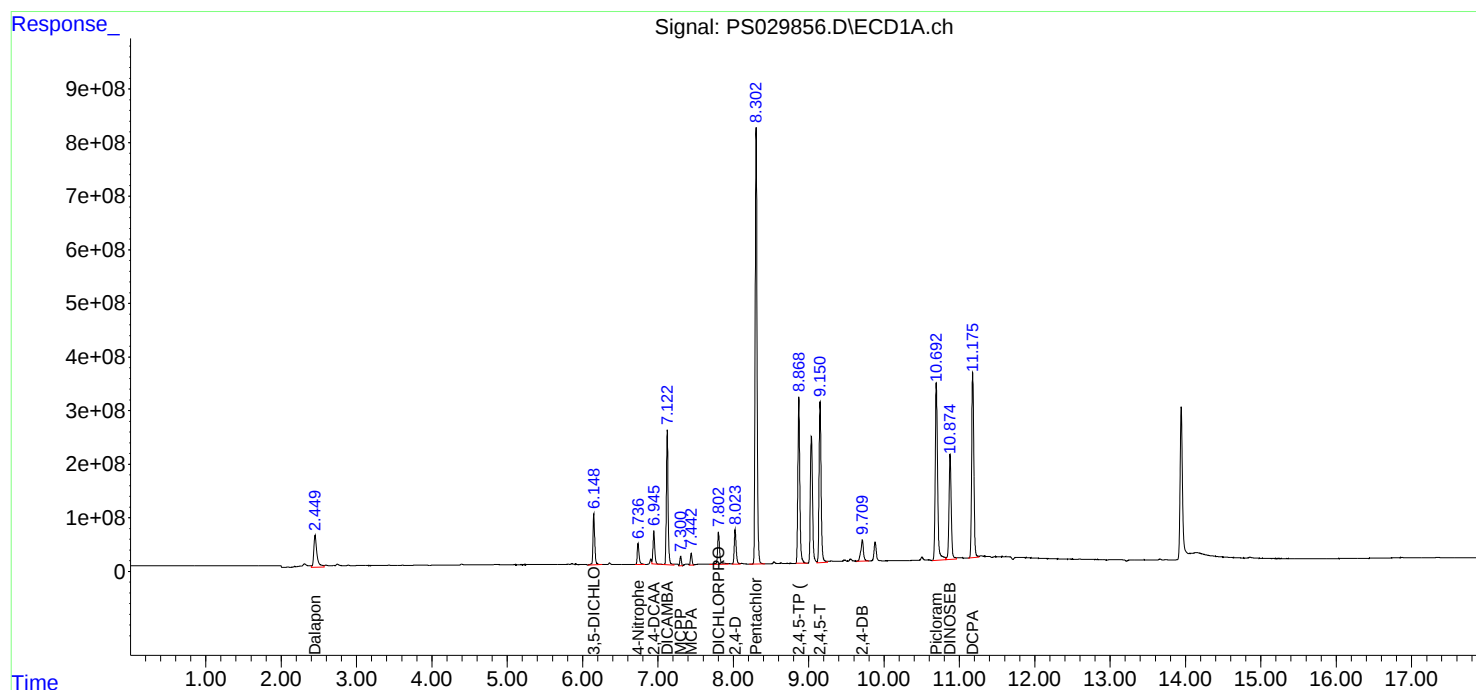
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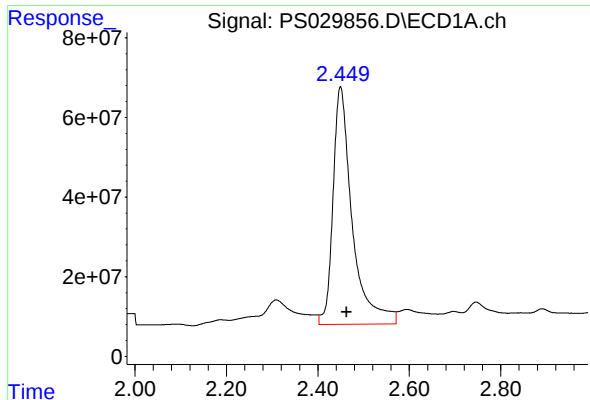
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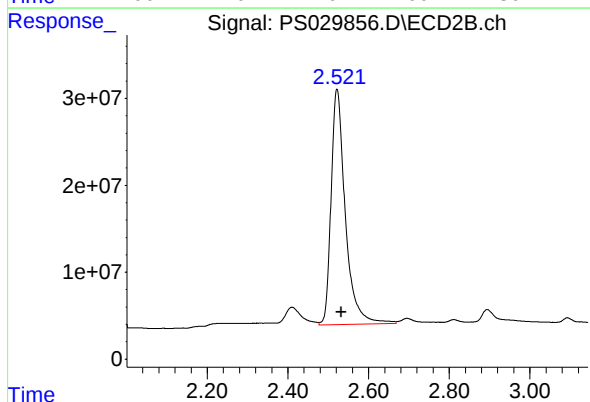
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: -0.014 min
Response: 1740462063
Conc: 513.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

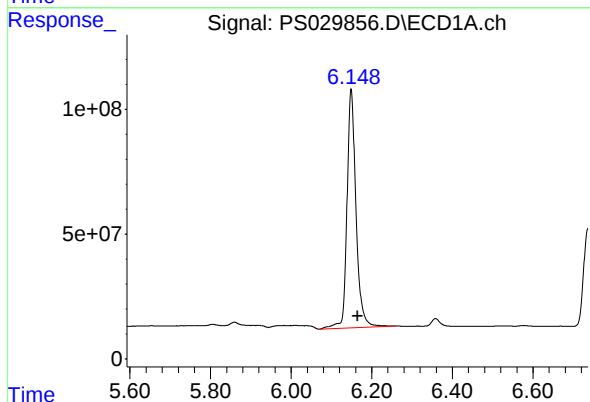
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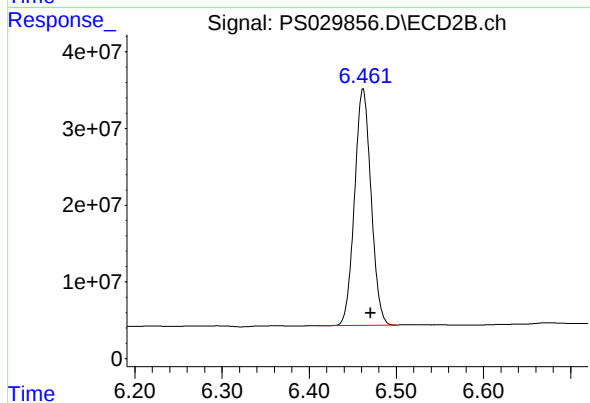
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.012 min
Response: 663219311
Conc: 417.75 ng/ml



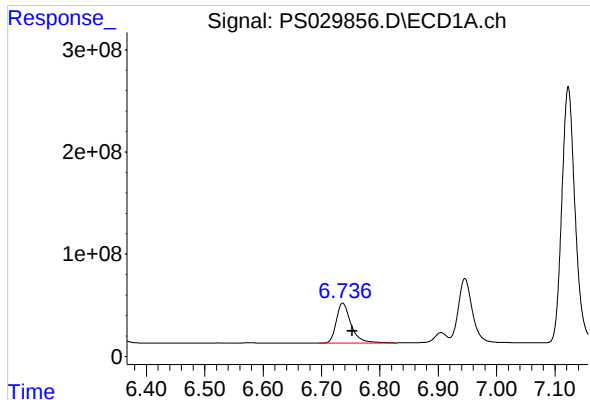
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.149 min
Delta R.T.: -0.016 min
Response: 1488334881
Conc: 494.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min
Delta R.T.: -0.009 min
Response: 405556466
Conc: 420.02 ng/ml



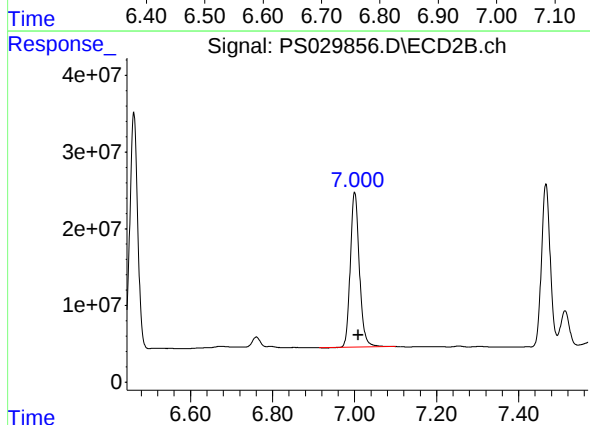
#3 4-Nitrophenol

R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 682243125
Conc: 485.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

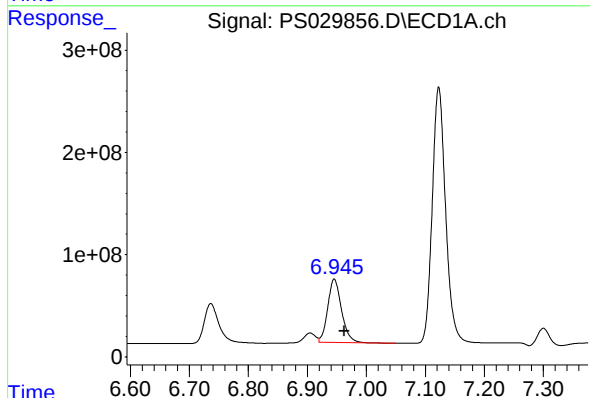
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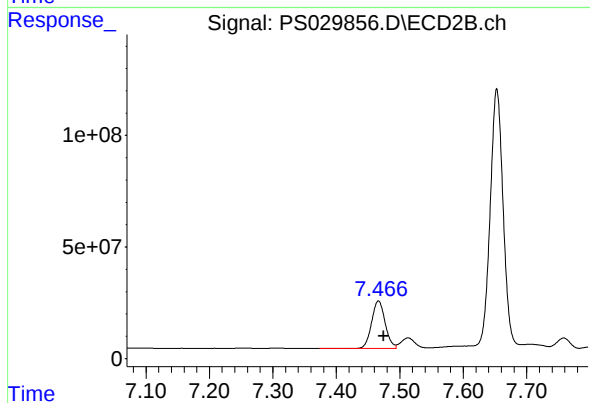
#3 4-Nitrophenol

R.T.: 7.000 min
Delta R.T.: -0.009 min
Response: 312048979
Conc: 440.13 ng/ml



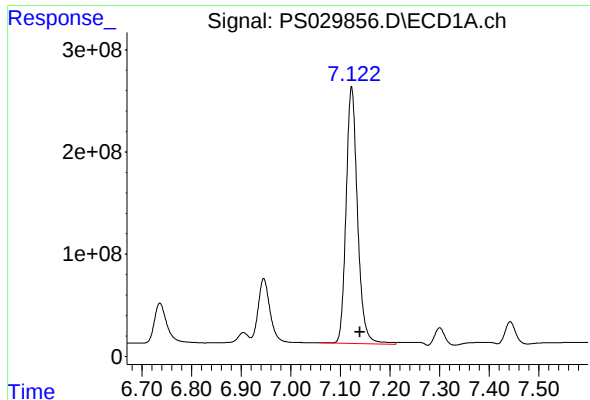
#4 2,4-DCAA

R.T.: 6.946 min
Delta R.T.: -0.017 min
Response: 1002753736
Conc: 491.83 ng/ml



#4 2,4-DCAA

R.T.: 7.466 min
Delta R.T.: -0.008 min
Response: 315069217
Conc: 462.31 ng/ml



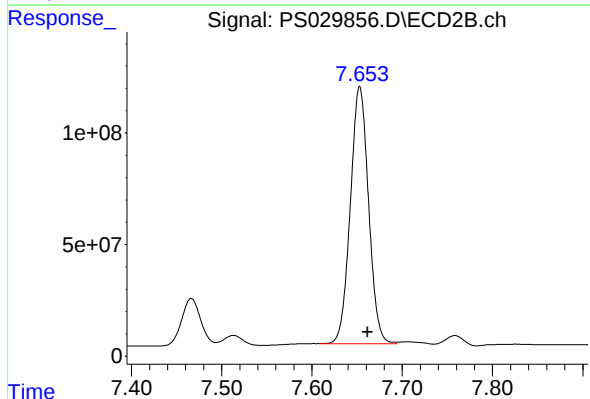
#5 DICAMBA

R.T.: 7.123 min
Delta R.T.: -0.017 min
Response: 4027818522
Conc: 484.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

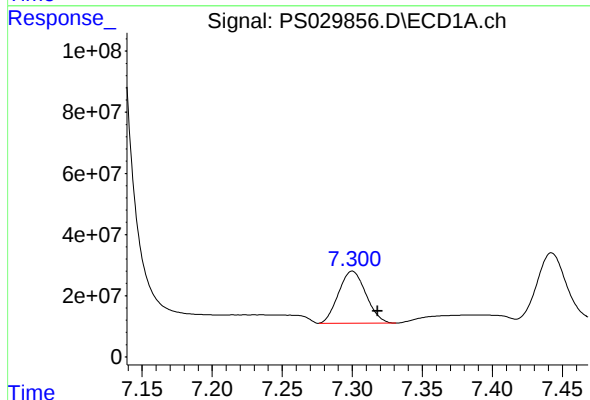
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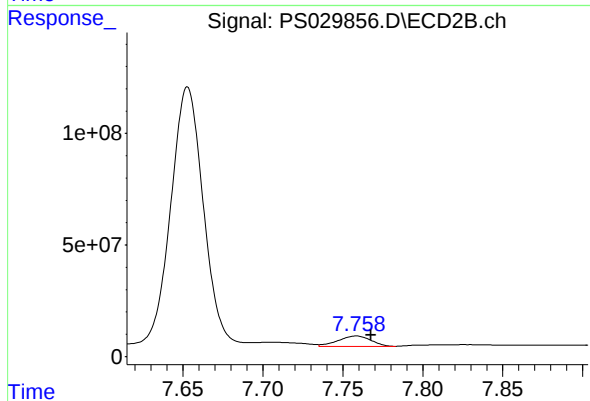
#5 DICAMBA

R.T.: 7.652 min
Delta R.T.: -0.009 min
Response: 1617292739
Conc: 437.89 ng/ml



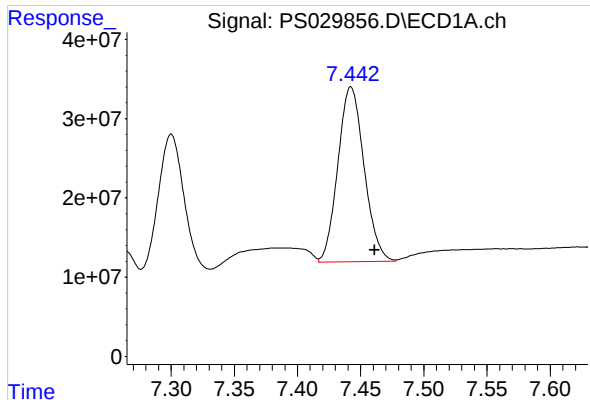
#6 MCPP

R.T.: 7.300 min
Delta R.T.: -0.018 min
Response: 232044610
Conc: 42.81 ug/ml



#6 MCPP

R.T.: 7.758 min
Delta R.T.: -0.009 min
Response: 67942450
Conc: 40.24 ug/ml



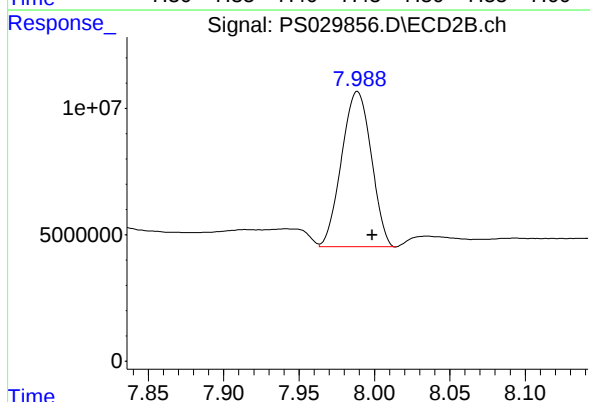
#7 MCPA

R.T.: 7.442 min
Delta R.T.: -0.019 min
Response: 318465251
Conc: 43.81 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

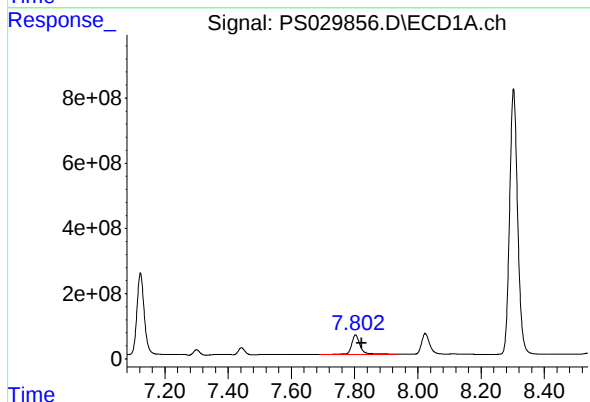
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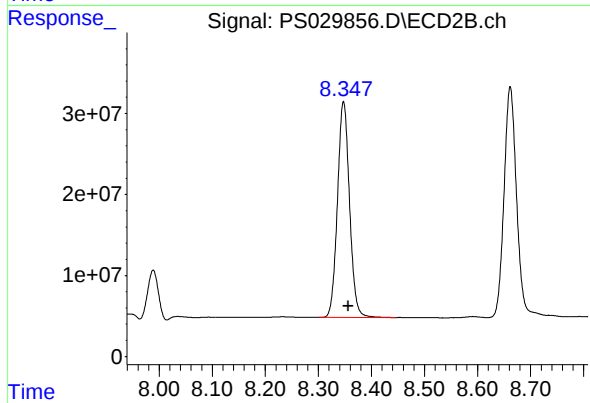
#7 MCPA

R.T.: 7.989 min
Delta R.T.: -0.010 min
Response: 84266579
Conc: 37.04 ug/ml



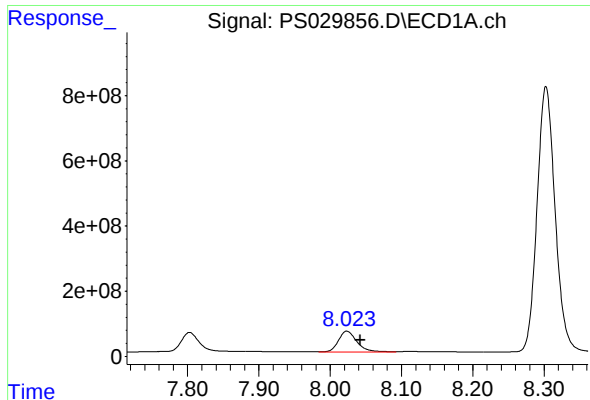
#8 DICHLORPROP

R.T.: 7.803 min
Delta R.T.: -0.019 min
Response: 1203695385
Conc: 547.27 ng/ml



#8 DICHLORPROP

R.T.: 8.347 min
Delta R.T.: -0.009 min
Response: 420549914
Conc: 435.28 ng/ml



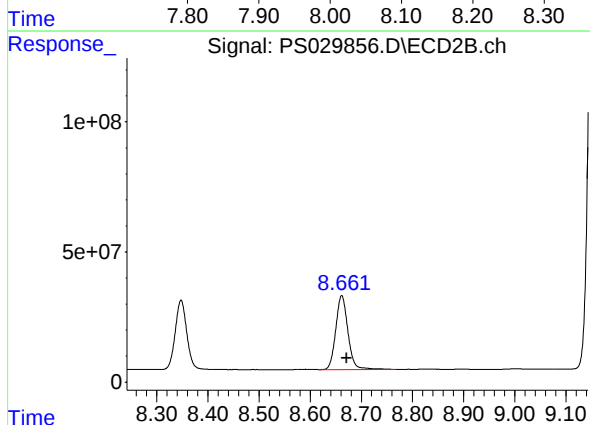
#9 2,4-D

R.T.: 8.023 min
Delta R.T.: -0.019 min
Response: 1161903226
Conc: 482.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

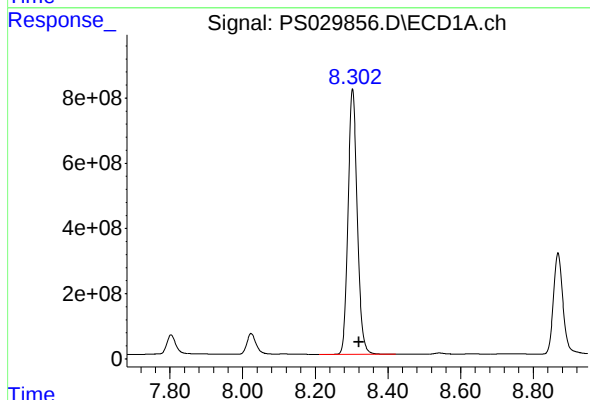
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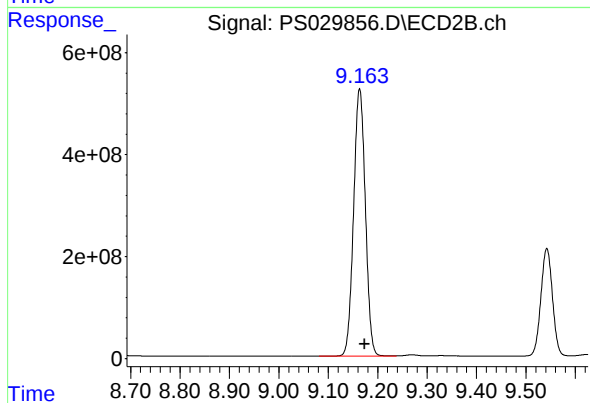
#9 2,4-D

R.T.: 8.662 min
Delta R.T.: -0.009 min
Response: 472042985
Conc: 437.70 ng/ml



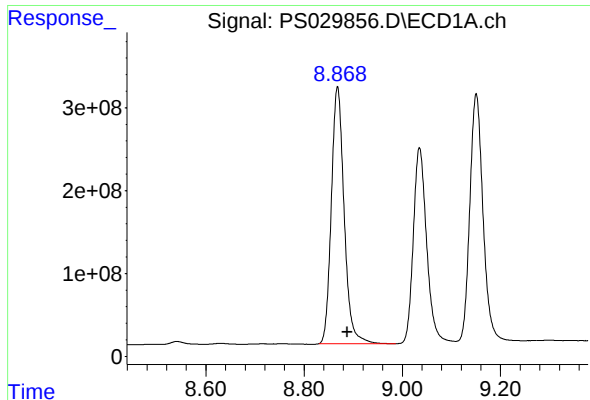
#10 Pentachlorophenol

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 14320062069
Conc: 470.98 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: -0.010 min
Response: 8662219556
Conc: 483.17 ng/ml



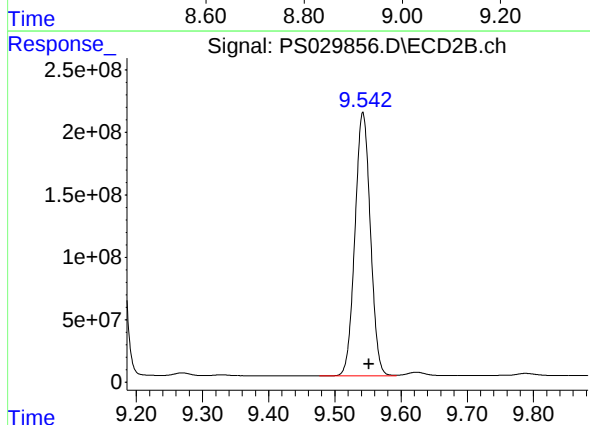
#11 2,4,5-TP (SILVEX)

R.T.: 8.868 min
Delta R.T.: -0.020 min
Response: 5613064158
Conc: 483.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

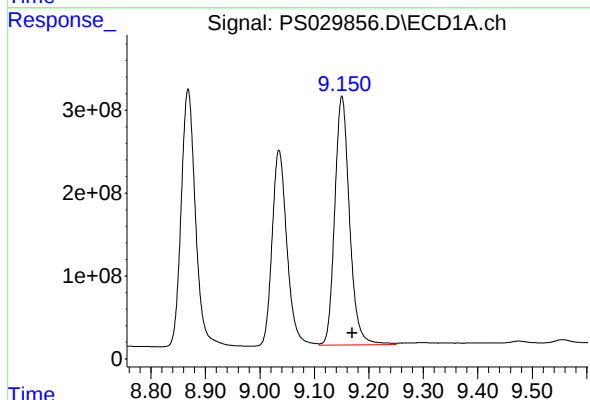
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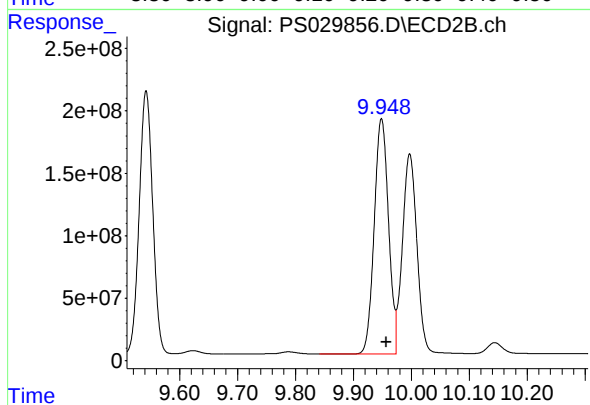
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: -0.009 min
Response: 3416157870
Conc: 473.61 ng/ml



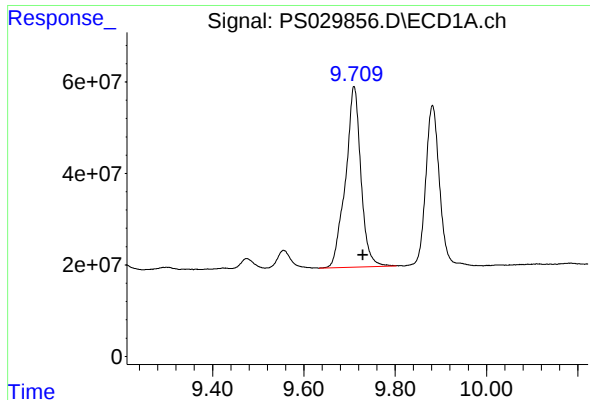
#12 2,4,5-T

R.T.: 9.151 min
Delta R.T.: -0.019 min
Response: 5660530731
Conc: 492.03 ng/ml



#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: -0.008 min
Response: 3242353328
Conc: 483.73 ng/ml



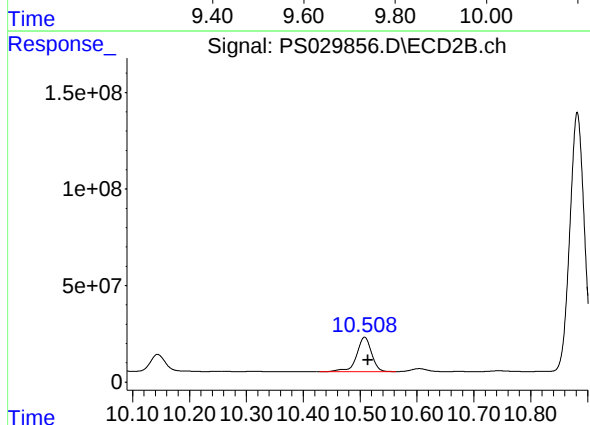
#13 2,4-DB

R.T.: 9.710 min
Delta R.T.: -0.020 min
Response: 927596710
Conc: 510.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

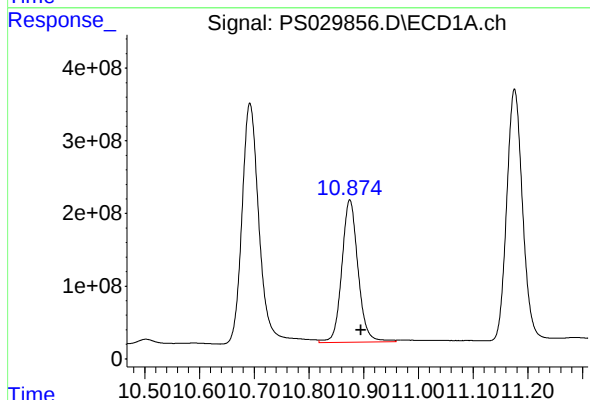
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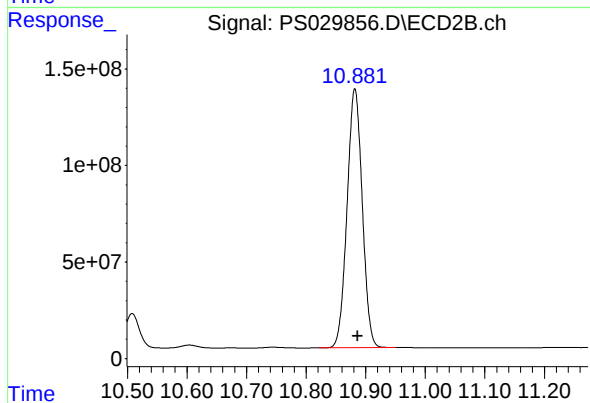
#13 2,4-DB

R.T.: 10.508 min
Delta R.T.: -0.006 min
Response: 326764659
Conc: 440.40 ng/ml



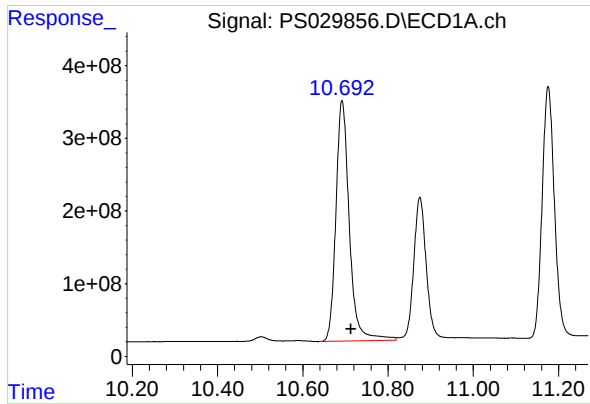
#14 DINOSEB

R.T.: 10.875 min
Delta R.T.: -0.020 min
Response: 4047619642
Conc: 479.46 ng/ml



#14 DINOSEB

R.T.: 10.882 min
Delta R.T.: -0.005 min
Response: 2374669311
Conc: 464.46 ng/ml



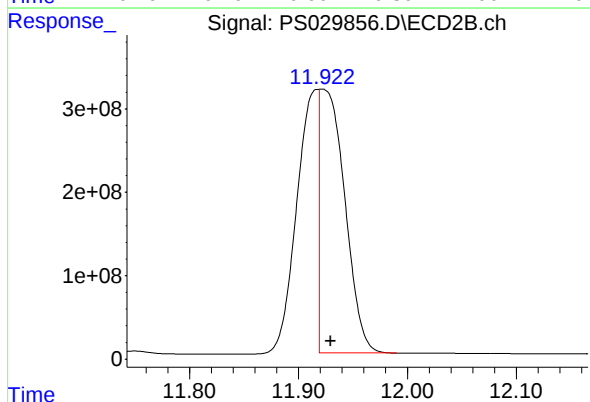
#15 Picloram

R.T.: 10.692 min
Delta R.T.: -0.021 min
Response: 7240063060
Conc: 467.09 ng/ml

Instrument :
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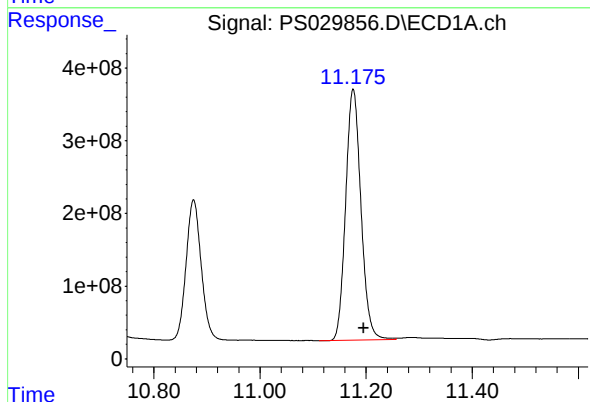
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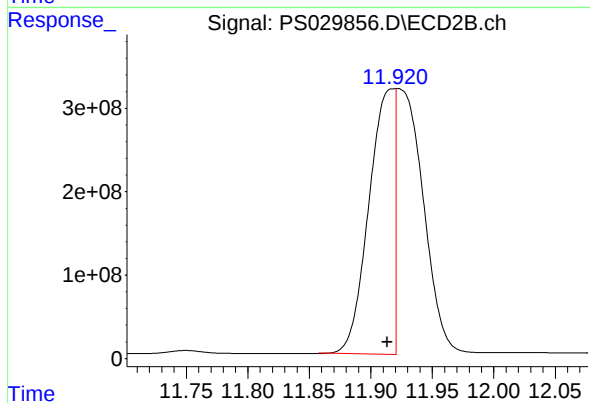
#15 Picloram

R.T.: 11.922 min
Delta R.T.: -0.008 min
Response: 4999283553
Conc: 422.79 ng/ml m



#16 DCPA

R.T.: 11.176 min
Delta R.T.: -0.020 min
Response: 6889901385
Conc: 493.33 ng/ml



#16 DCPA

R.T.: 11.920 min
Delta R.T.: 0.007 min
Response: 4612731364
Conc: 521.17 ng/ml m