

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032025\
 Data File : PS029471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2025 12:07
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2025
 Supervised By : mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 04:38:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:38:06 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	7.162	7.602	943.6E6	180.7E6	225.586	207.620
Target Compounds							
1) T	Dalapon	2.591	2.629	952.9E6	361.4E6	160.348	190.341
2) T	3,5-DICHL...	6.343	6.579	1182.4E6	261.0E6	201.477	195.247
3) T	4-Nitroph...	6.976	7.142	374.5E6	134.6E6	199.851m	186.152
5) T	DICAMBA	7.339	7.791	3743.6E6	901.1E6	205.884	176.561
6) T	MCPD	7.514	7.892	194.6E6	36444416	14.892	15.848
7) T	MCPA	7.661	8.128	291.9E6	47395532	17.071	15.829
8) T	DICHLORPROP	8.042	8.498	1050.7E6	239.0E6	224.812	197.276
9) T	2,4-D	8.282	8.825	903.7E6	237.8E6	196.502	198.129
10) T	Pentachlo...	8.560	9.332	14616.1E6	4446.6E6	236.522	189.118
11) T	2,4,5-TP ...	9.137	9.709	5464.8E6	1652.3E6	217.010	182.941
12) T	2,4,5-T	9.433	10.124	5188.2E6	1386.6E6	204.560	177.410
13) T	2,4-DB	10.005	10.685	653.3E6	137.2E6	176.534	183.310
14) T	DINOSEB	11.187	11.055	3786.1E6	1052.0E6	215.591	183.736
15) T	Picloram	11.016	12.127	5698.0E6	1747.8E6	187.685	154.589
16) T	DCPA	11.484	12.083	6806.0E6	2203.6E6	221.841	182.633

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

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Acq On : 20 Mar 2025 12:07
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

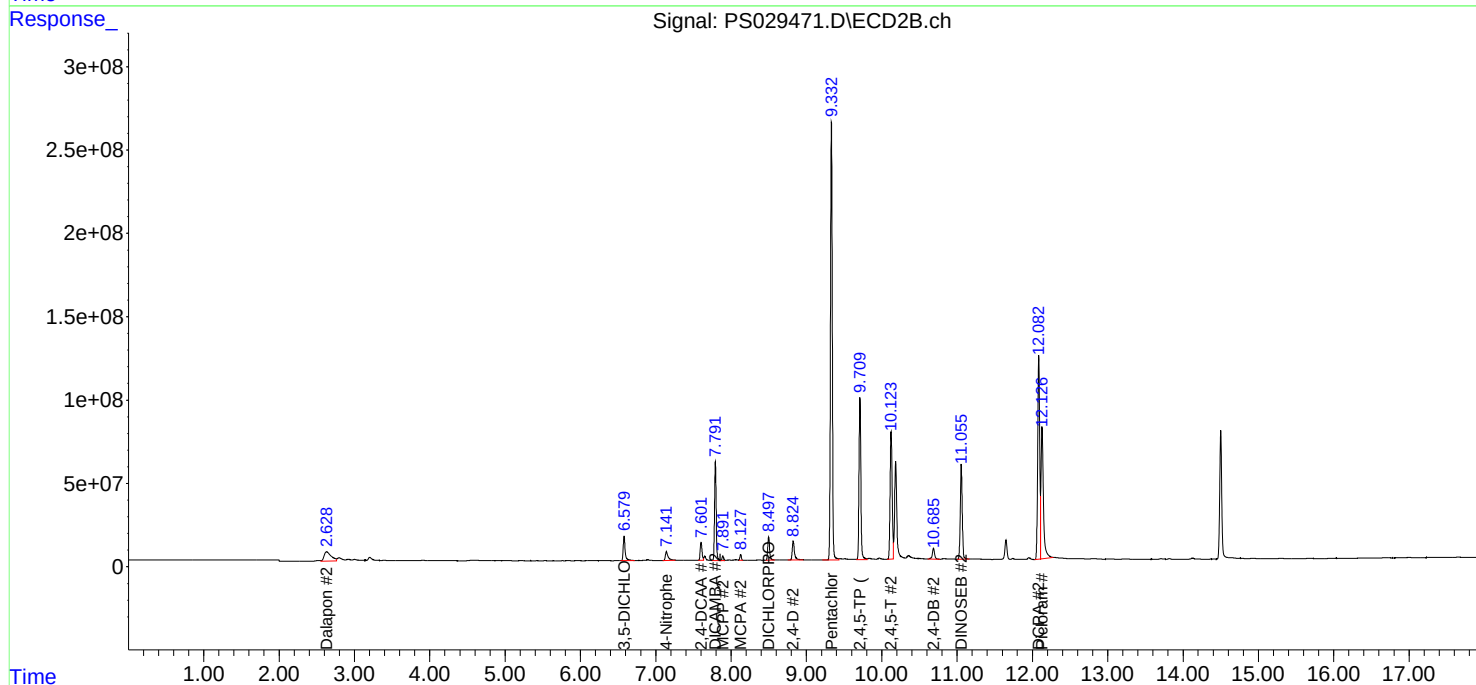
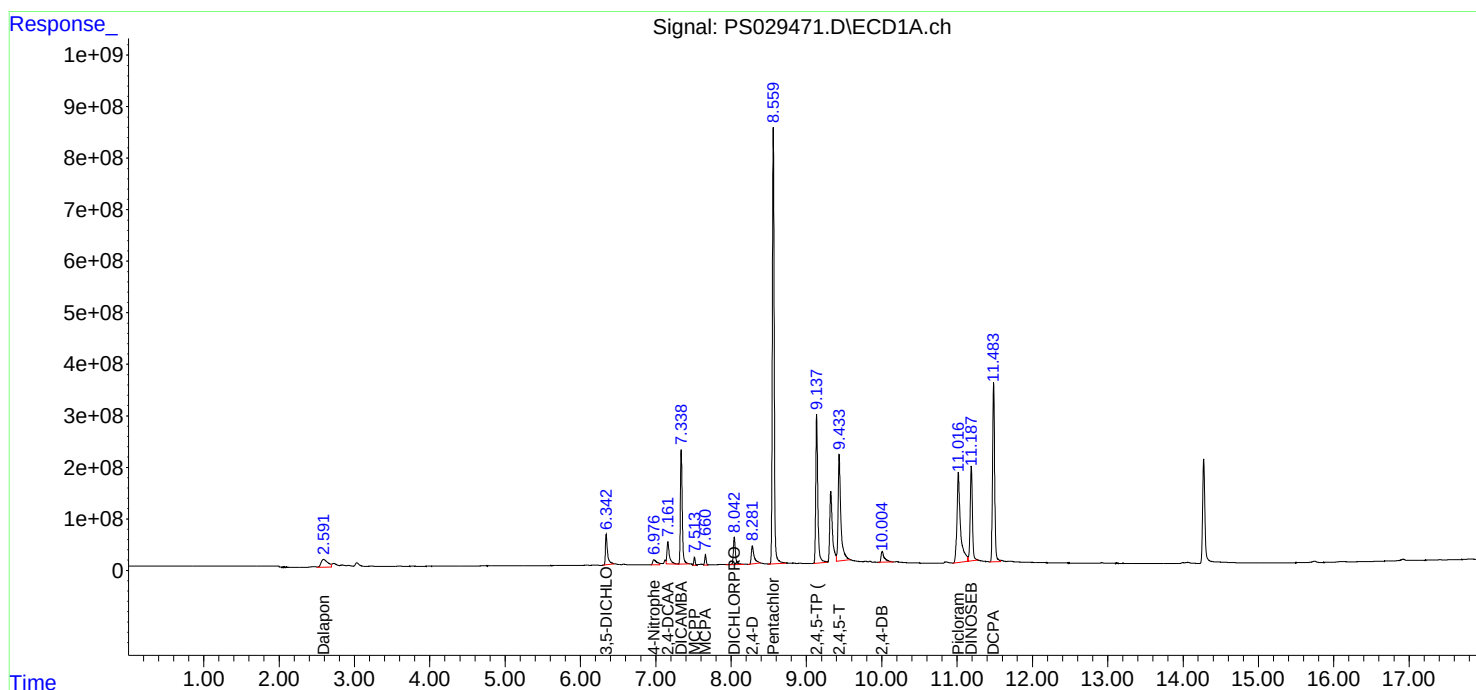
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

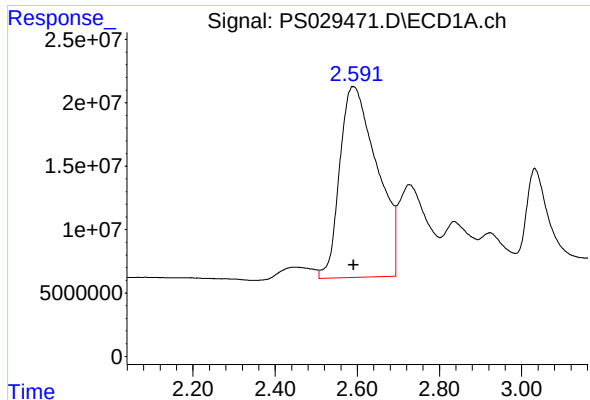
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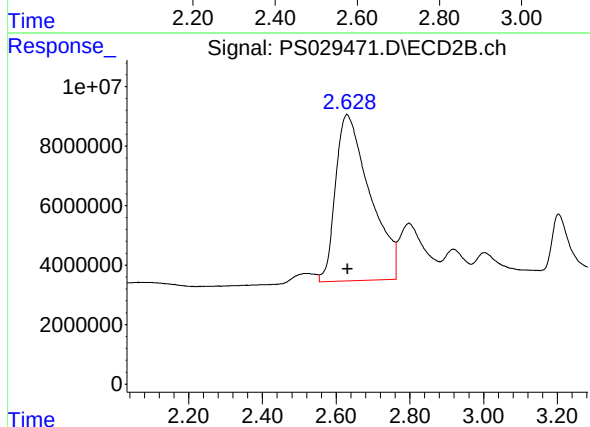
#1 Dalapon

R.T.: 2.591 min
Delta R.T.: 0.000 min
Response: 952940408
Conc: 160.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

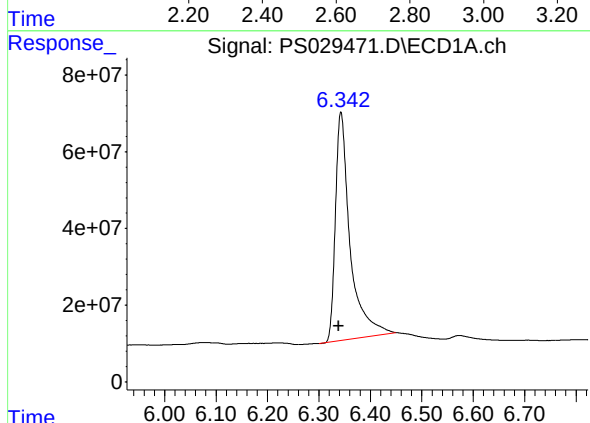
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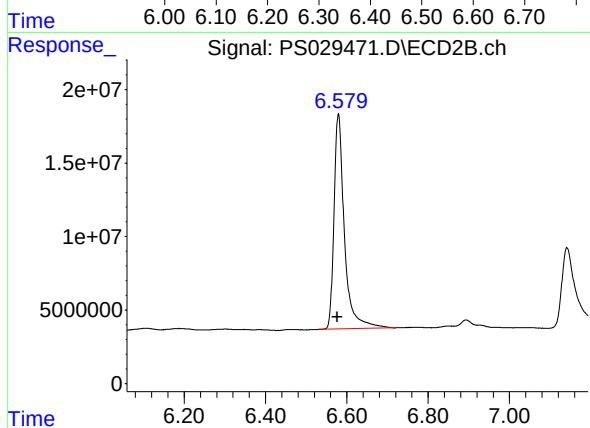
#1 Dalapon

R.T.: 2.629 min
Delta R.T.: -0.002 min
Response: 361449361
Conc: 190.34 ng/ml



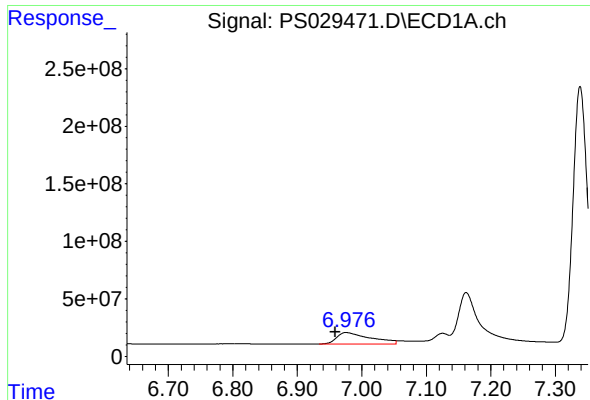
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.343 min
Delta R.T.: 0.004 min
Response: 1182421561
Conc: 201.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.579 min
Delta R.T.: 0.003 min
Response: 261016086
Conc: 195.25 ng/ml



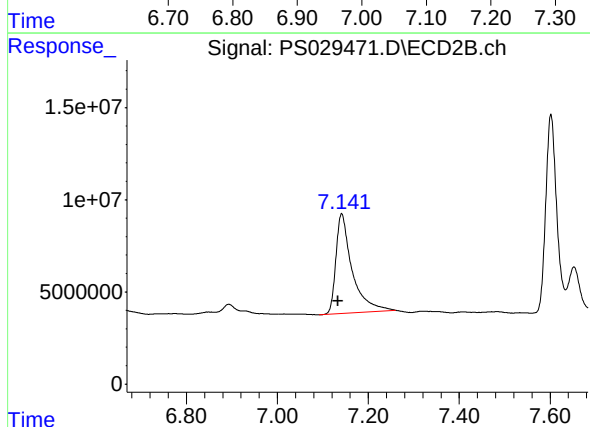
#3 4-Nitrophenol

R.T.: 6.976 min
Delta R.T.: 0.017 min
Response: 374480266
Conc: 199.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

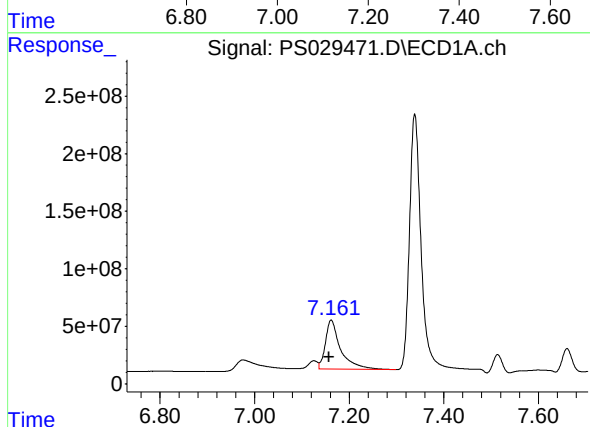
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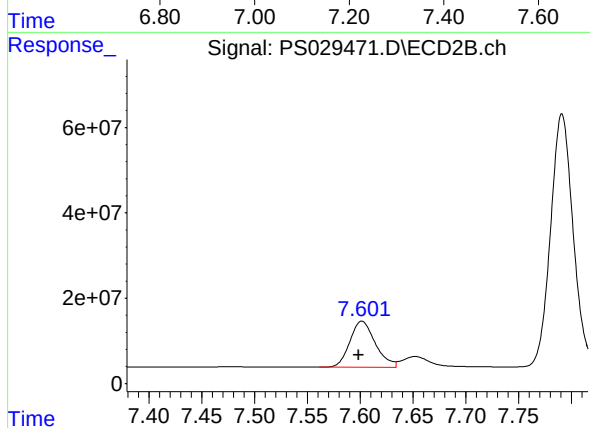
#3 4-Nitrophenol

R.T.: 7.142 min
Delta R.T.: 0.008 min
Response: 134571739
Conc: 186.15 ng/ml



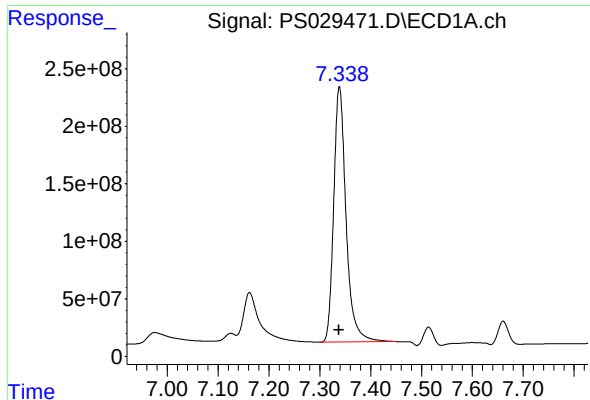
#4 2,4-DCAA

R.T.: 7.162 min
Delta R.T.: 0.005 min
Response: 943581822
Conc: 225.59 ng/ml



#4 2,4-DCAA

R.T.: 7.602 min
Delta R.T.: 0.003 min
Response: 180666629
Conc: 207.62 ng/ml



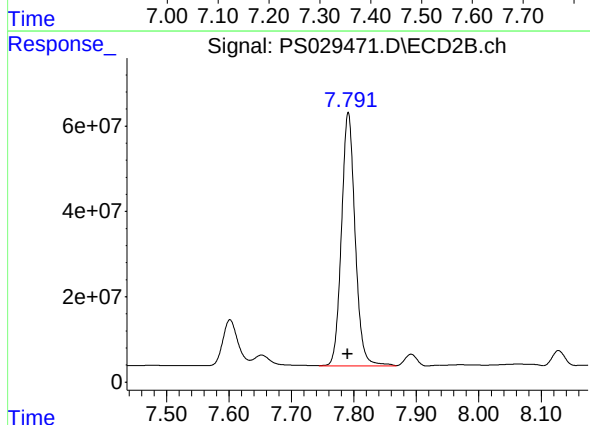
#5 DICAMBA

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 3743643003
Conc: 205.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

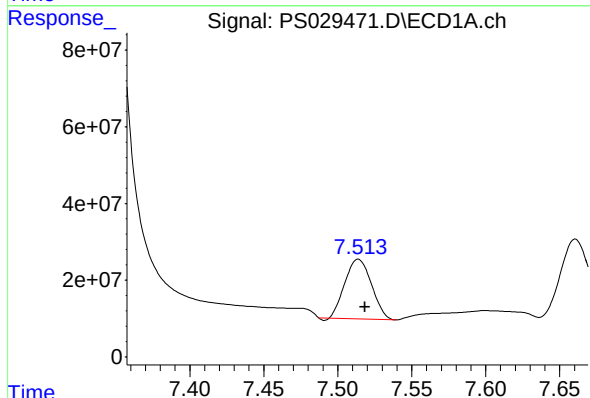
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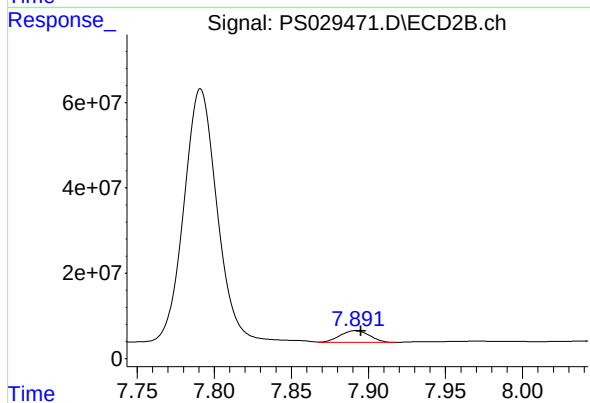
#5 DICAMBA

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 901127160
Conc: 176.56 ng/ml



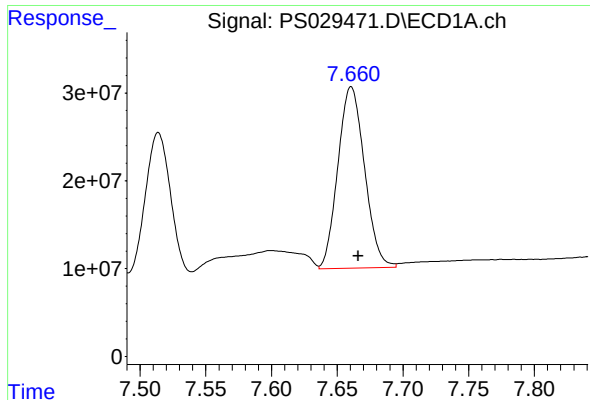
#6 MCP

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 194554629
Conc: 14.89 ug/ml



#6 MCP

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 36444416
Conc: 15.85 ug/ml



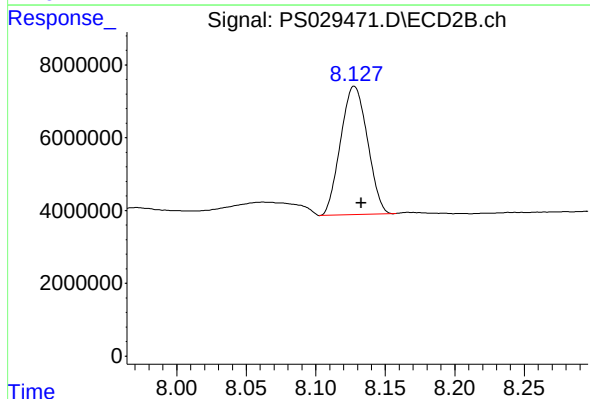
#7 MCPA

R.T.: 7.661 min
Delta R.T.: -0.006 min
Response: 291883476
Conc: 17.07 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

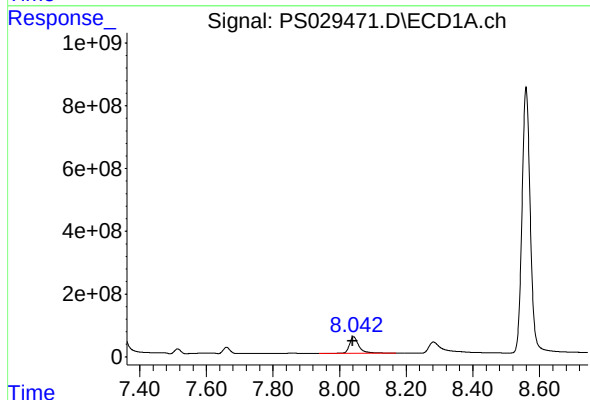
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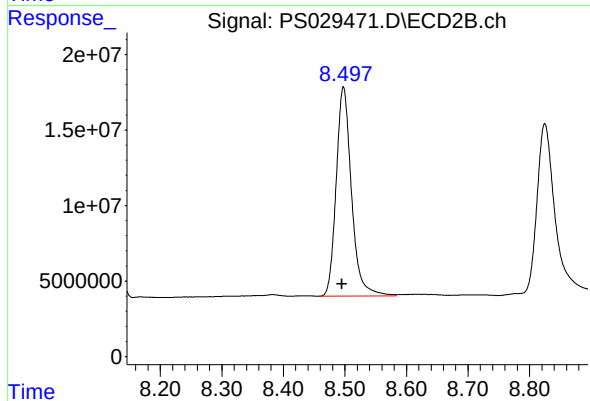
#7 MCPA

R.T.: 8.128 min
Delta R.T.: -0.005 min
Response: 47395532
Conc: 15.83 ug/ml



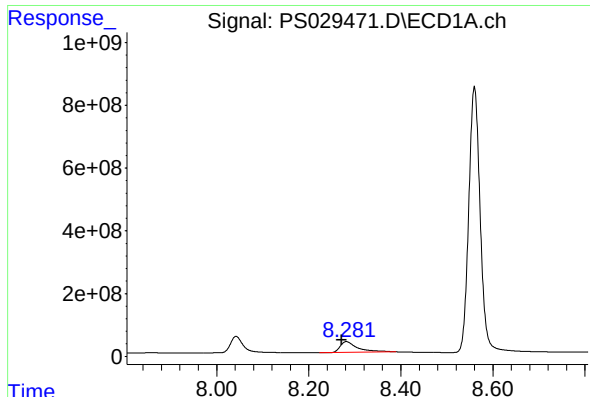
#8 DICHLORPROP

R.T.: 8.042 min
Delta R.T.: 0.003 min
Response: 1050744107
Conc: 224.81 ng/ml



#8 DICHLORPROP

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 238986171
Conc: 197.28 ng/ml



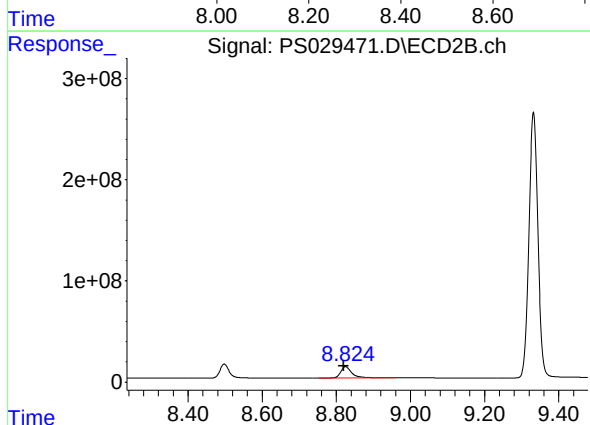
#9 2,4-D

R.T.: 8.282 min
Delta R.T.: 0.011 min
Response: 903699795
Conc: 196.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

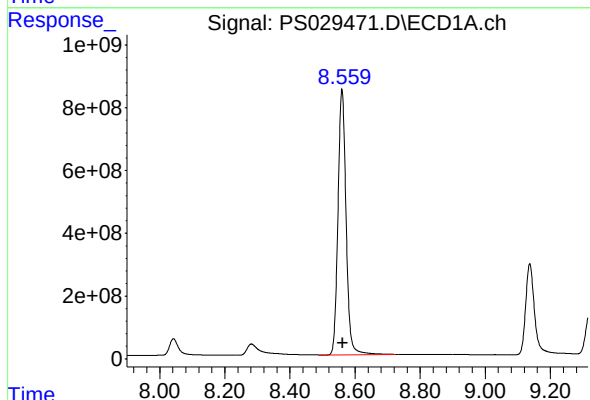
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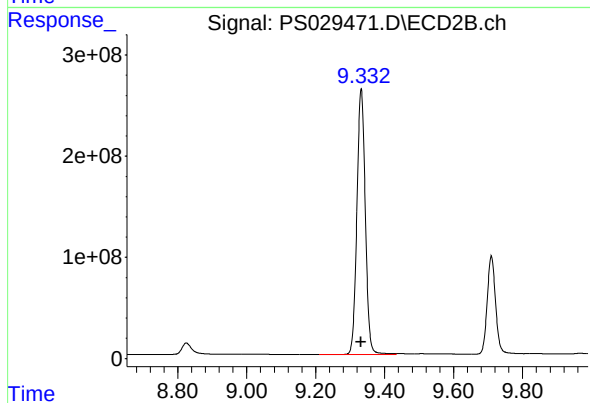
#9 2,4-D

R.T.: 8.825 min
Delta R.T.: 0.005 min
Response: 237816021
Conc: 198.13 ng/ml



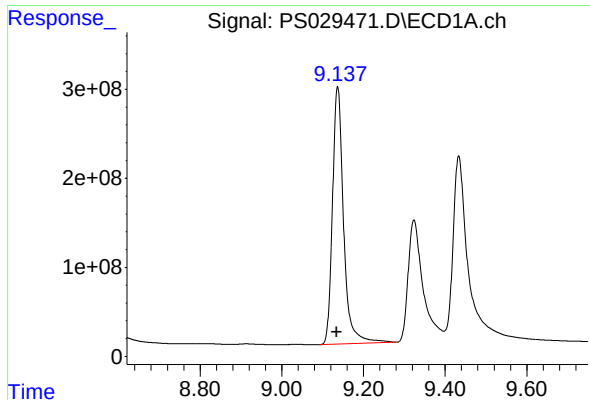
#10 Pentachlorophenol

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 14616061911
Conc: 236.52 ng/ml



#10 Pentachlorophenol

R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 4446571896
Conc: 189.12 ng/ml



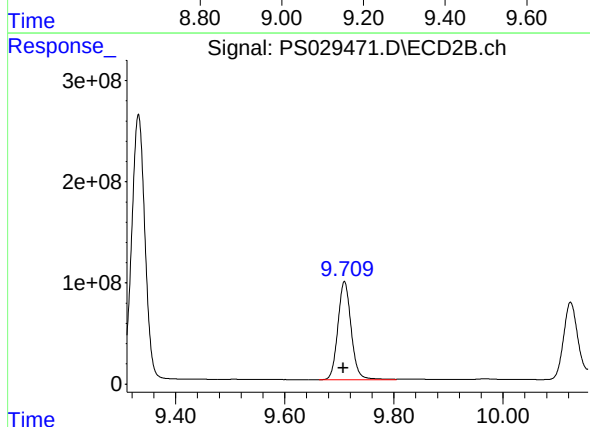
#11 2,4,5-TP (SILVEX)

R.T.: 9.137 min
Delta R.T.: 0.003 min
Response: 5464816704
Conc: 217.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

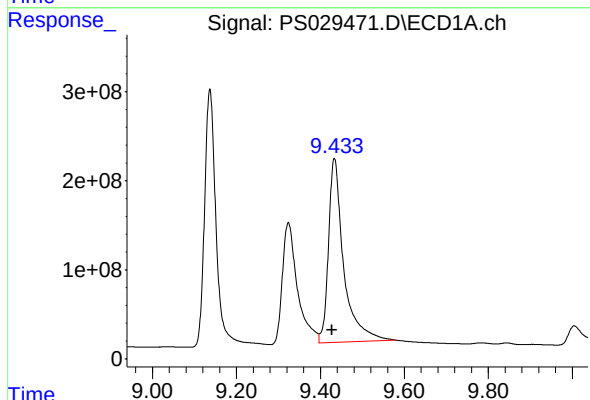
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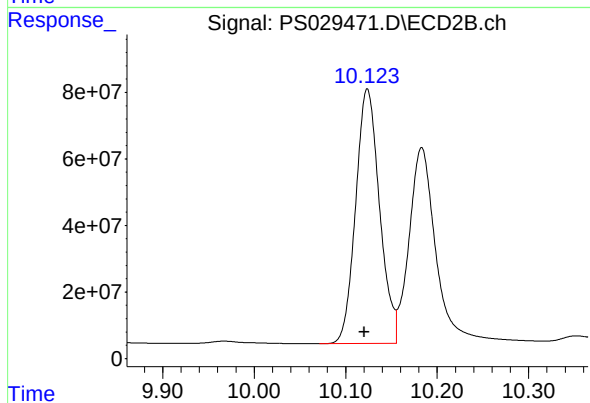
#11 2,4,5-TP (SILVEX)

R.T.: 9.709 min
Delta R.T.: 0.002 min
Response: 1652346010
Conc: 182.94 ng/ml



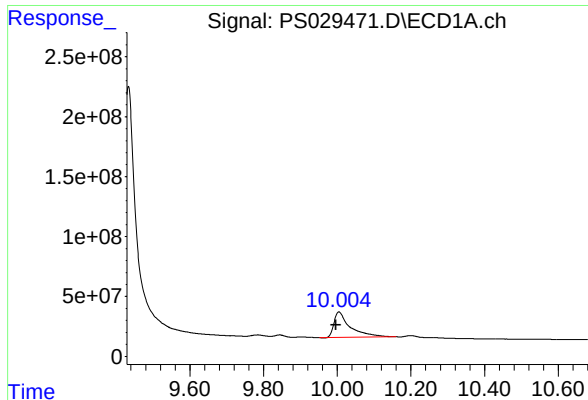
#12 2,4,5-T

R.T.: 9.433 min
Delta R.T.: 0.006 min
Response: 5188220134
Conc: 204.56 ng/ml



#12 2,4,5-T

R.T.: 10.124 min
Delta R.T.: 0.003 min
Response: 1386565789
Conc: 177.41 ng/ml



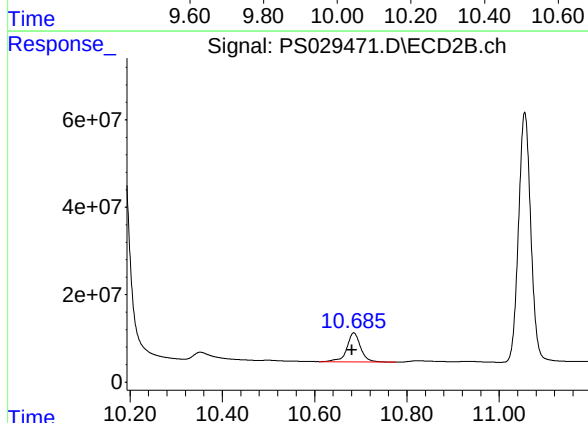
#13 2,4-DB

R.T.: 10.005 min
Delta R.T.: 0.007 min
Response: 653328261
Conc: 176.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

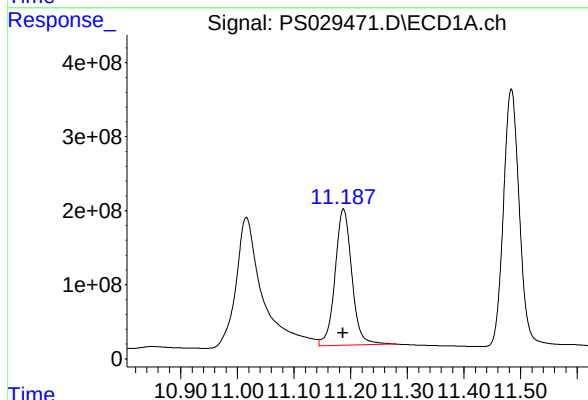
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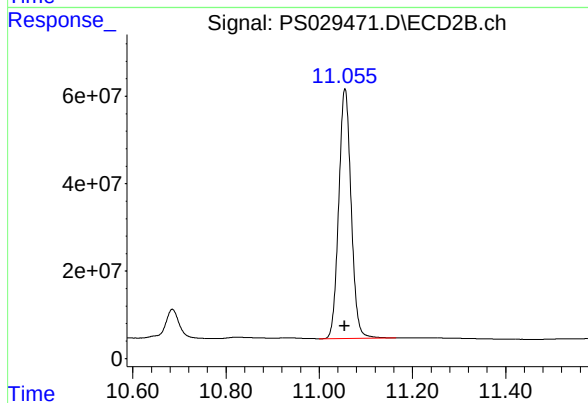
#13 2,4-DB

R.T.: 10.685 min
Delta R.T.: 0.004 min
Response: 137192679
Conc: 183.31 ng/ml



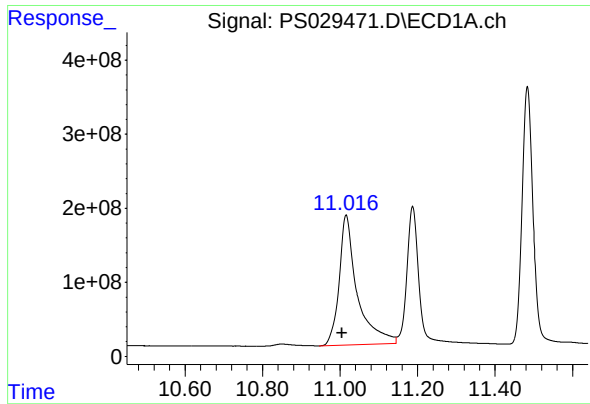
#14 DINOSEB

R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 3786132739
Conc: 215.59 ng/ml



#14 DINOSEB

R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 1052038504
Conc: 183.74 ng/ml



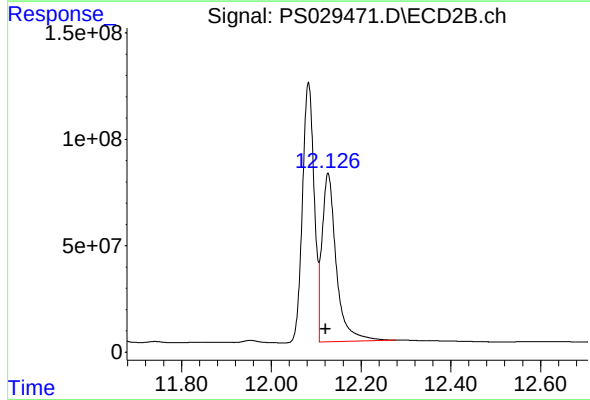
#15 Picloram

R.T.: 11.016 min
Delta R.T.: 0.010 min
Response: 5698034237
Conc: 187.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

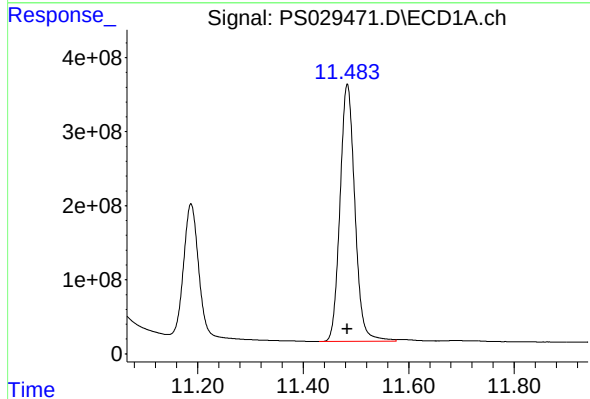
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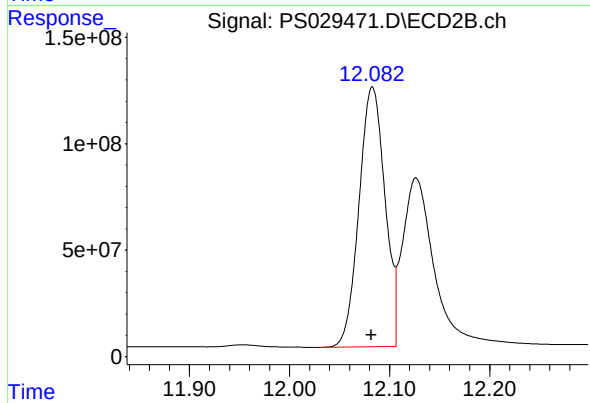
#15 Picloram

R.T.: 12.127 min
Delta R.T.: 0.005 min
Response: 1747797099
Conc: 154.59 ng/ml



#16 DCPA

R.T.: 11.484 min
Delta R.T.: 0.000 min
Response: 6806013978
Conc: 221.84 ng/ml



#16 DCPA

R.T.: 12.083 min
Delta R.T.: 0.001 min
Response: 2203566608
Conc: 182.63 ng/ml