

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031125\
 Data File : PS029378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 19:31
 Operator : AR\AJ
 Sample : PB167085BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167085BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 04:36:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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	7.158	7.623	2337.1E6	480.4E6	567.168	510.906
Target Compounds							
1) T	Dalapon	2.601	2.648	2784.0E6	1008.5E6	504.318	476.343
2) T	3,5-DICHL...	6.340	6.598	3124.7E6	676.7E6	534.042	477.840
3) T	4-Nitroph...	6.959	7.156	1137.0E6	361.4E6	485.873m	453.182
5) T	DICAMBA	7.339	7.816	9449.1E6	2520.6E6	544.116	489.150
6) T	MCP	7.518	7.920	629.1E6	114.9E6	51.042	49.106
7) T	MCPA	7.666	8.159	869.5E6	153.4E6	51.309	48.083
8) T	DICHLORPROP	8.040	8.526	2463.5E6	636.7E6	535.946	497.873
9) T	2,4-D	8.270	8.853	2521.1E6	629.7E6	530.720	495.853
10) T	Pentachlo...	8.561	9.367	36097.1E6	12076.7E6	618.566	524.783
11) T	2,4,5-TP ...	9.135	9.745	13719.5E6	4666.4E6	557.999	516.388
12) T	2,4,5-T	9.427	10.160	14129.6E6	4126.0E6	554.347	502.542
13) T	2,4-DB	9.997	10.723	2077.4E6	393.3E6	497.518	513.718m
14) T	DINOSEB	11.189	11.097	9046.4E6	3004.6E6	543.953m	495.683m
15) T	Picloram	11.006	12.173	14849.9E6	4696.5E6	486.188	406.184
16) T	DCPA	11.485	12.131	16913.6E6	6130.4E6	563.723	517.920

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

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Operator : AR\AJ
Sample : PB167085BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

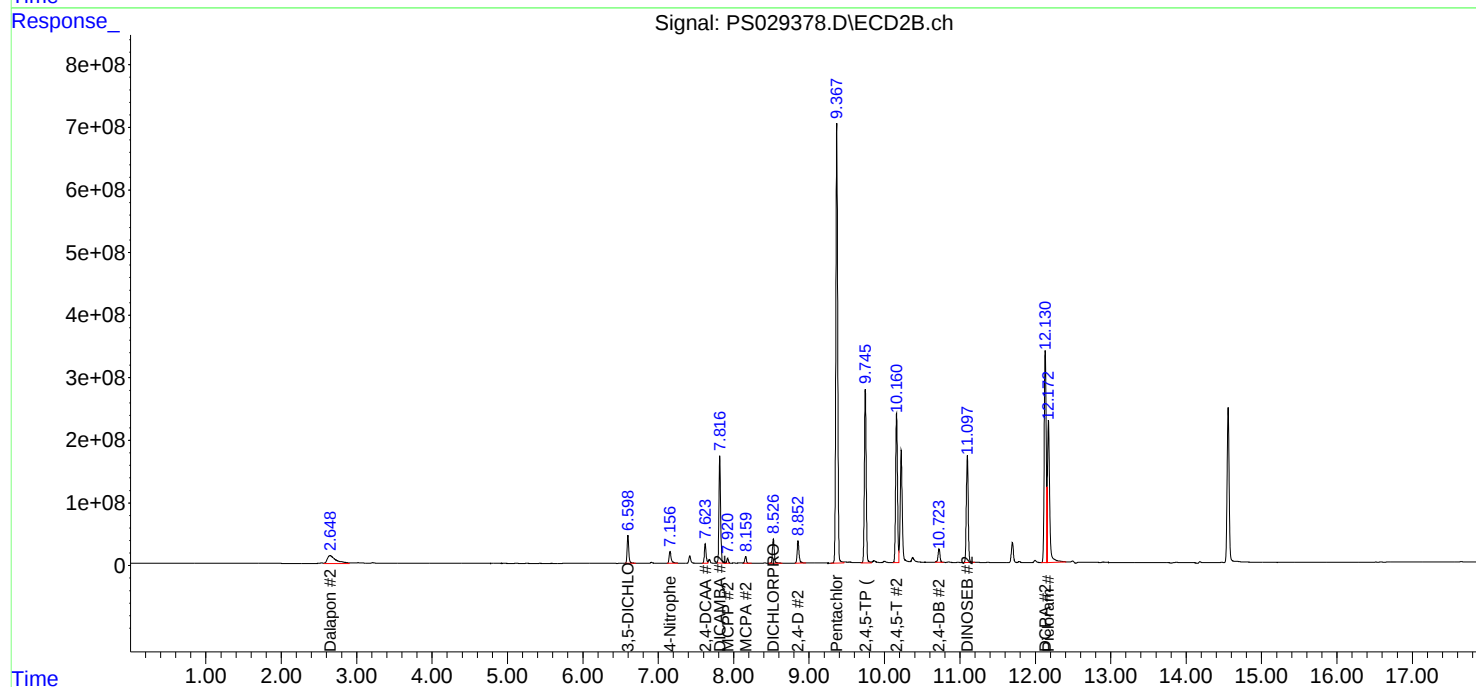
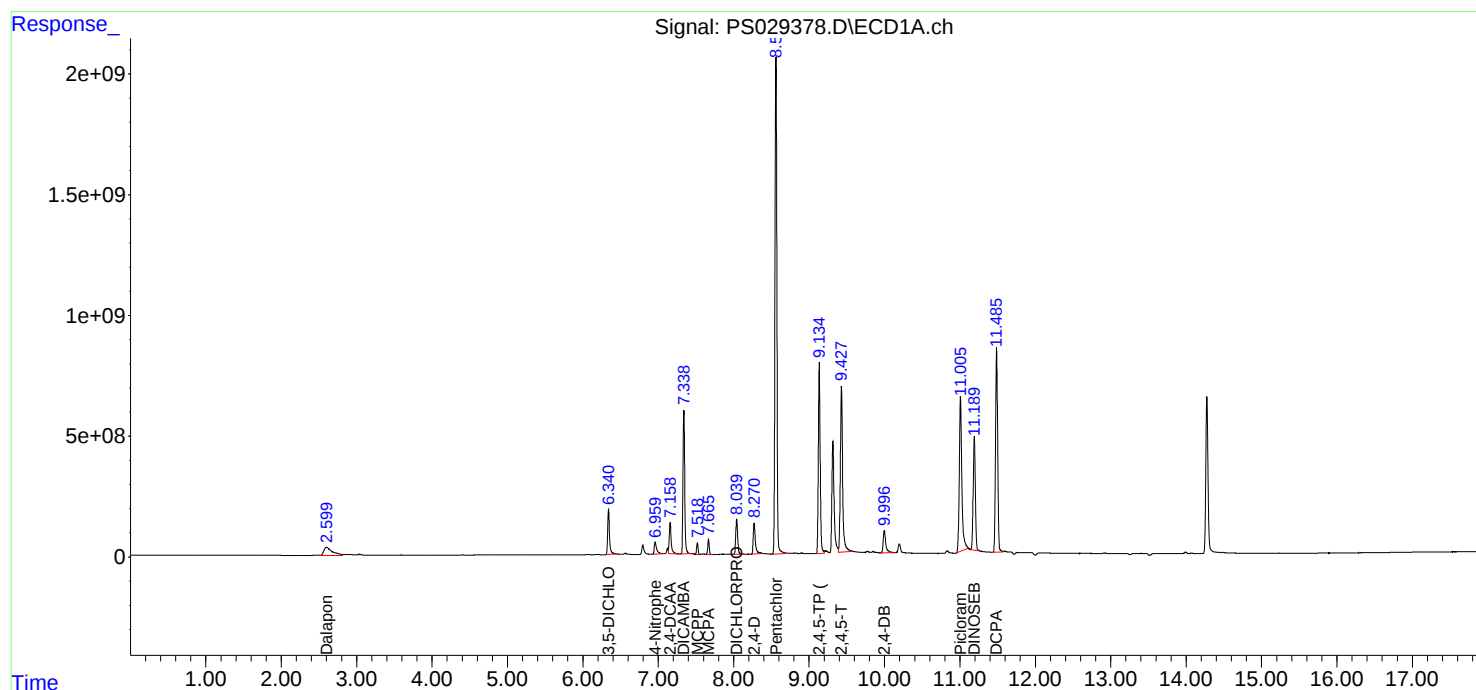
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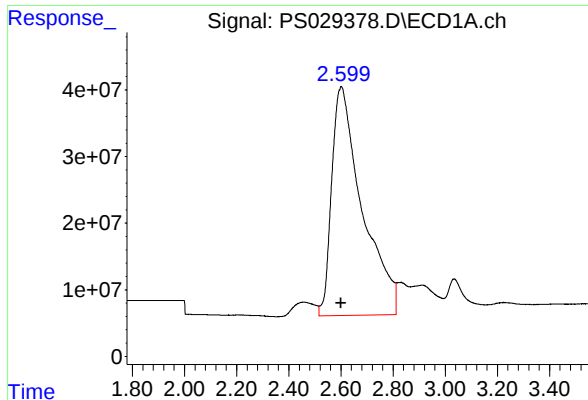
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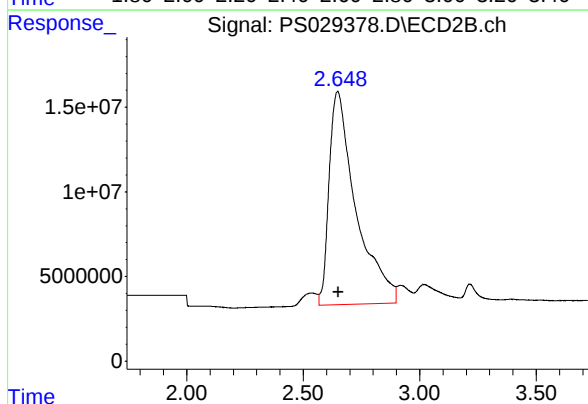
#1 Dalapon

R.T.: 2.601 min
Delta R.T.: 0.000 min
Response: 2783980167
Conc: 504.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167085BS

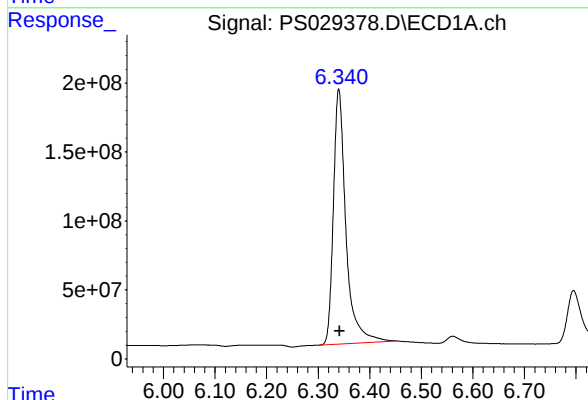
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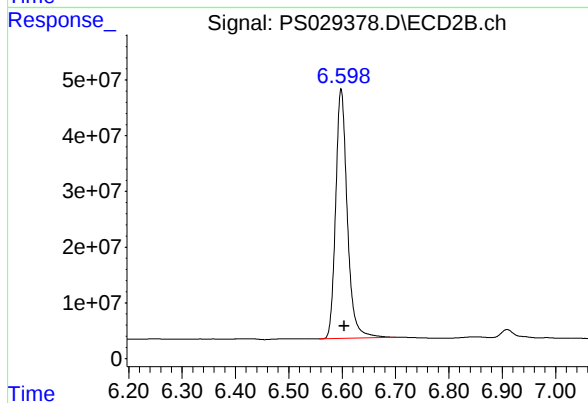
#1 Dalapon

R.T.: 2.648 min
Delta R.T.: -0.003 min
Response: 1008474985
Conc: 476.34 ng/ml



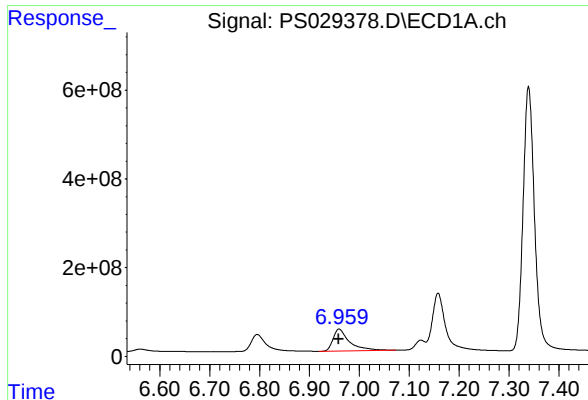
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 3124741741
Conc: 534.04 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.598 min
Delta R.T.: -0.006 min
Response: 676675655
Conc: 477.84 ng/ml



#3 4-Nitrophenol

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 1137033067
Conc: 485.87 ng/ml

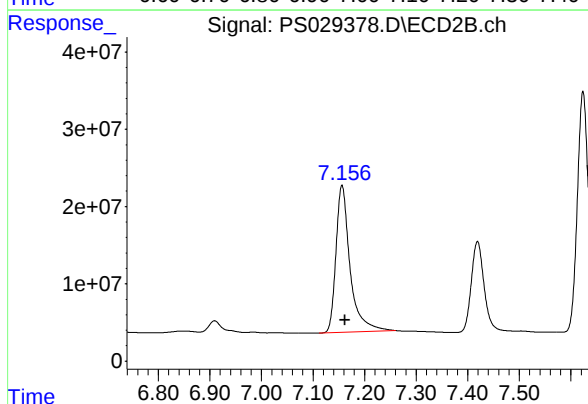
Instrument :

ECD_S

ClientSampleId :
PB167085BS

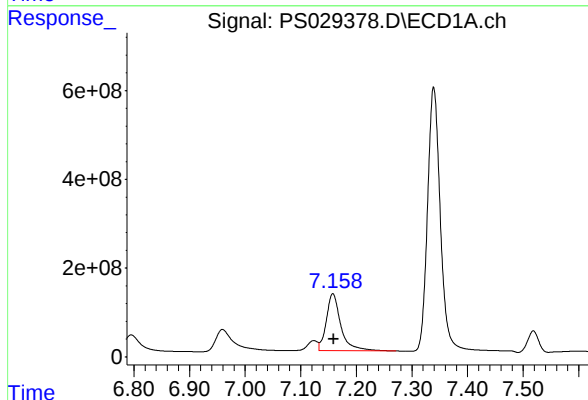
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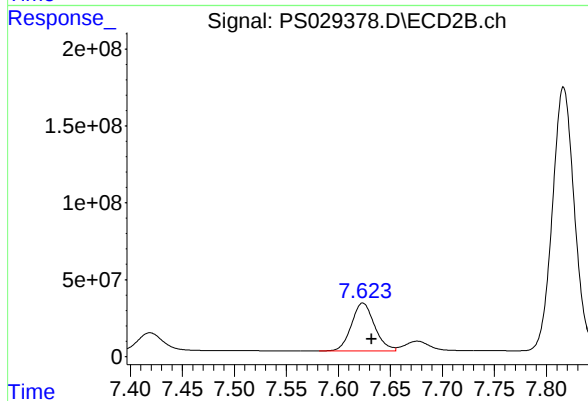
#3 4-Nitrophenol

R.T.: 7.156 min
Delta R.T.: -0.006 min
Response: 361434486
Conc: 453.18 ng/ml



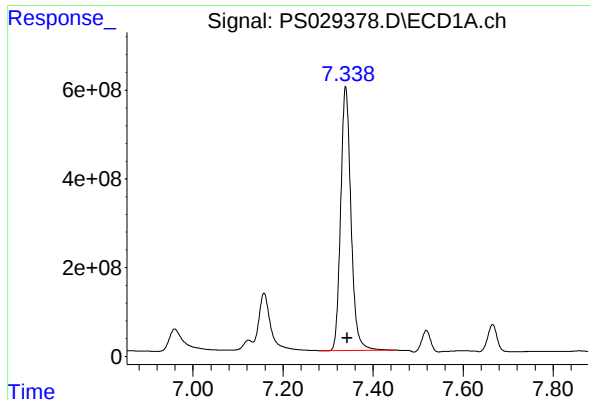
#4 2,4-DCAA

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 2337058004
Conc: 567.17 ng/ml



#4 2,4-DCAA

R.T.: 7.623 min
Delta R.T.: -0.008 min
Response: 480421431
Conc: 510.91 ng/ml



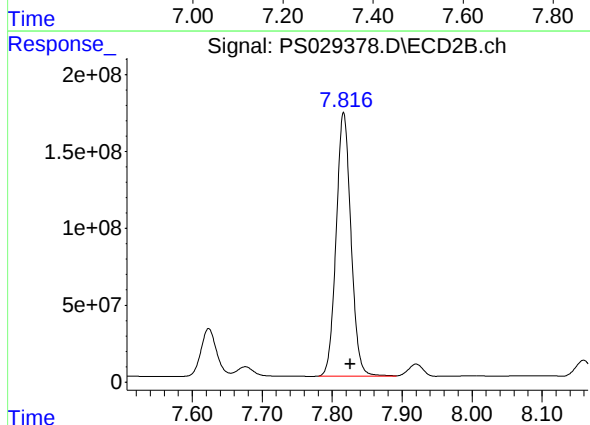
#5 DICAMBA

R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 9449098670
Conc: 544.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167085BS

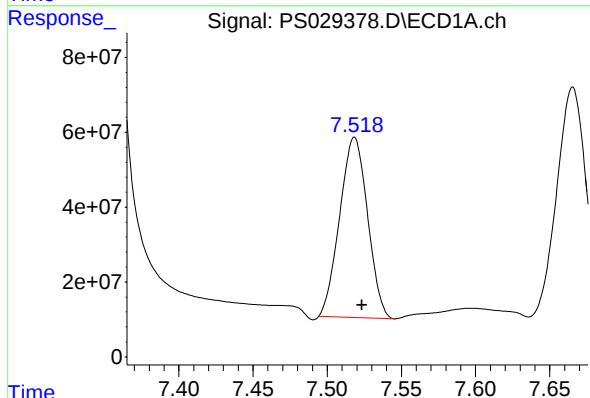
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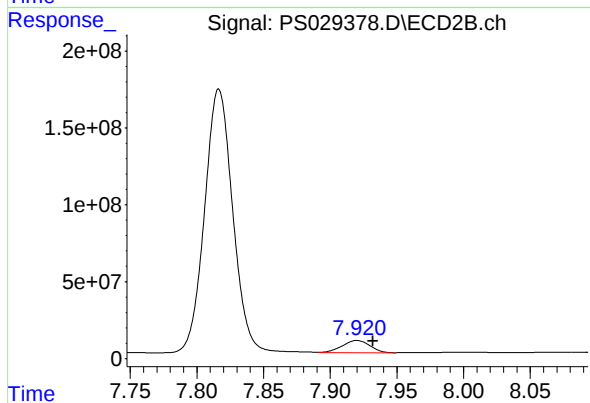
#5 DICAMBA

R.T.: 7.816 min
Delta R.T.: -0.010 min
Response: 2520577537
Conc: 489.15 ng/ml



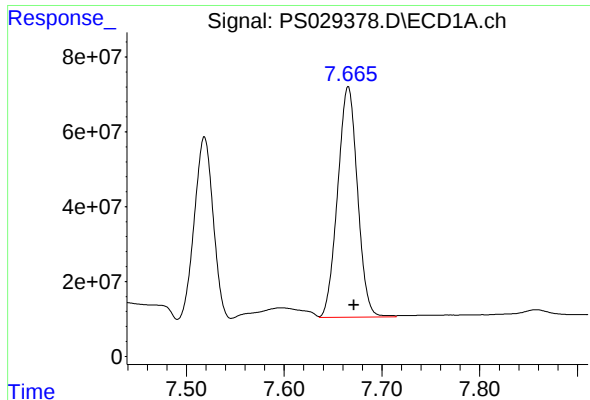
#6 MCPP

R.T.: 7.518 min
Delta R.T.: -0.005 min
Response: 629130740
Conc: 51.04 ug/ml



#6 MCPP

R.T.: 7.920 min
Delta R.T.: -0.012 min
Response: 114865868
Conc: 49.11 ug/ml



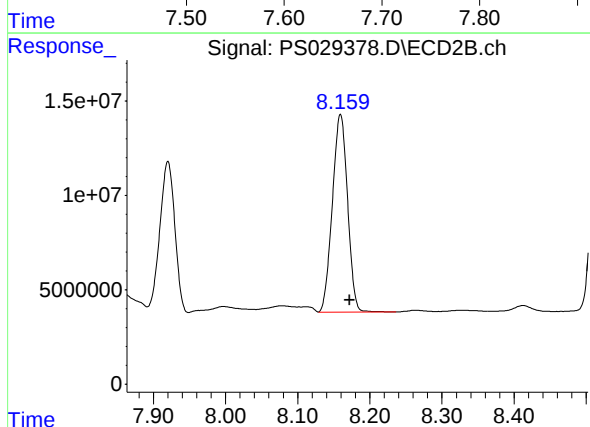
#7 MCPA

R.T.: 7.666 min
Delta R.T.: -0.006 min
Response: 869453133
Conc: 51.31 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167085BS

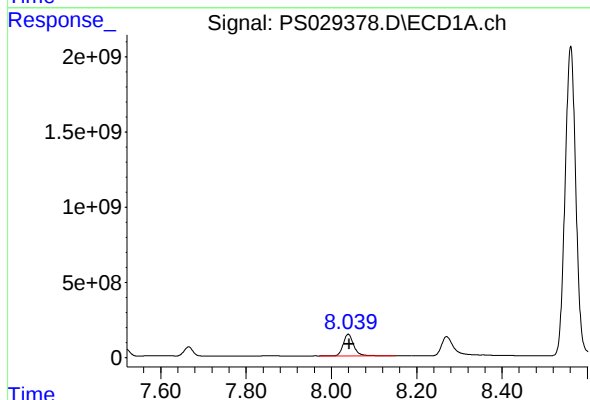
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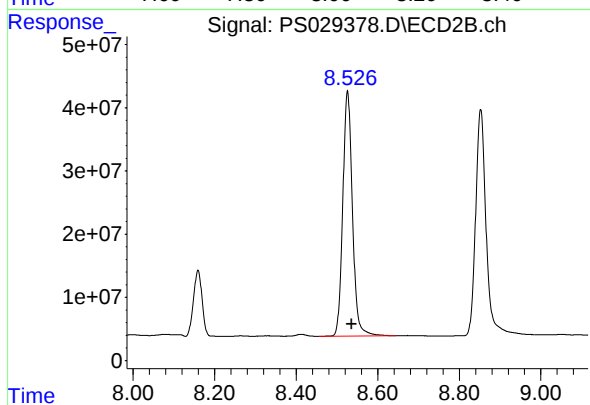
#7 MCPA

R.T.: 8.159 min
Delta R.T.: -0.012 min
Response: 153370216
Conc: 48.08 ug/ml



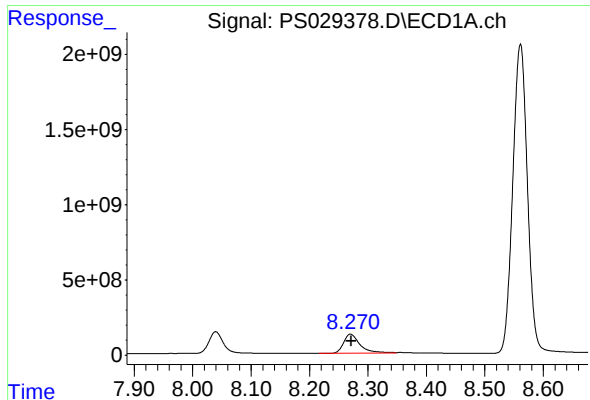
#8 DICHLORPROP

R.T.: 8.040 min
Delta R.T.: -0.002 min
Response: 2463453613
Conc: 535.95 ng/ml



#8 DICHLORPROP

R.T.: 8.526 min
Delta R.T.: -0.010 min
Response: 636660374
Conc: 497.87 ng/ml



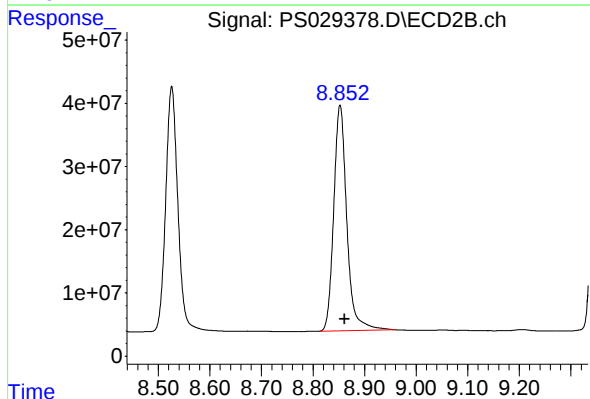
#9 2,4-D

R.T.: 8.270 min
Delta R.T.: -0.001 min
Response: 2521146170
Conc: 530.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167085BS

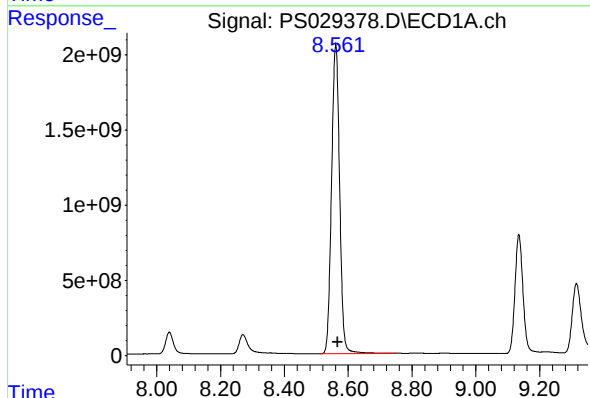
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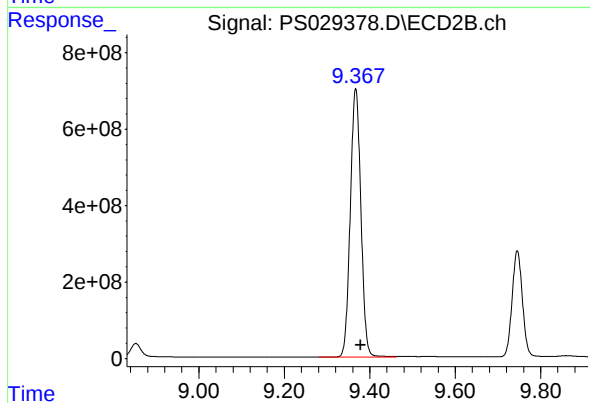
#9 2,4-D

R.T.: 8.853 min
Delta R.T.: -0.009 min
Response: 629681876
Conc: 495.85 ng/ml



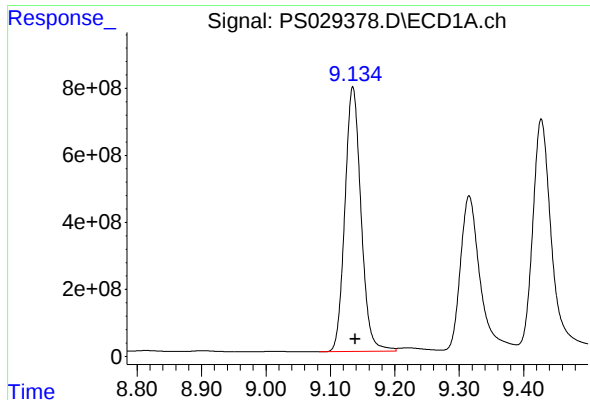
#10 Pentachlorophenol

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 36097126349
Conc: 618.57 ng/ml



#10 Pentachlorophenol

R.T.: 9.367 min
Delta R.T.: -0.012 min
Response: 12076653961
Conc: 524.78 ng/ml



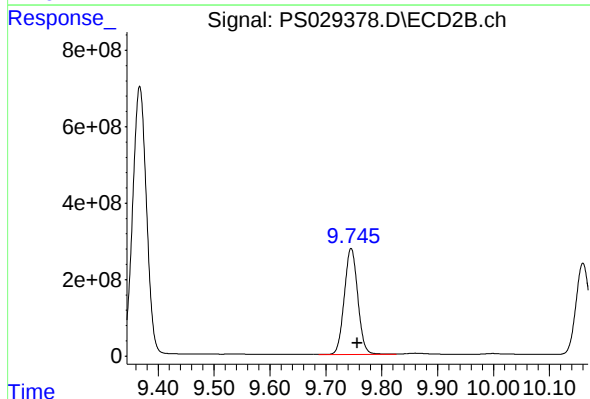
#11 2,4,5-TP (SILVEX)

R.T.: 9.135 min
Delta R.T.: -0.004 min
Response: 13719486487
Conc: 558.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167085BS

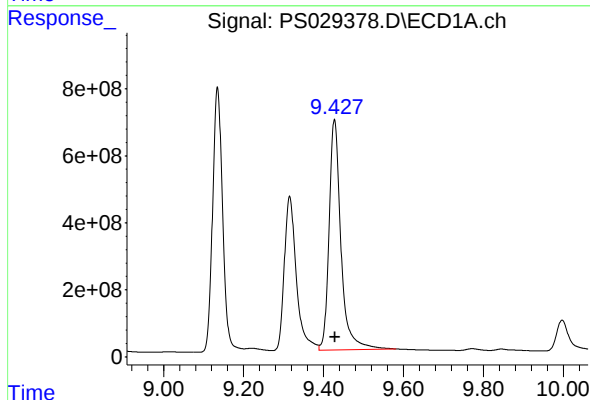
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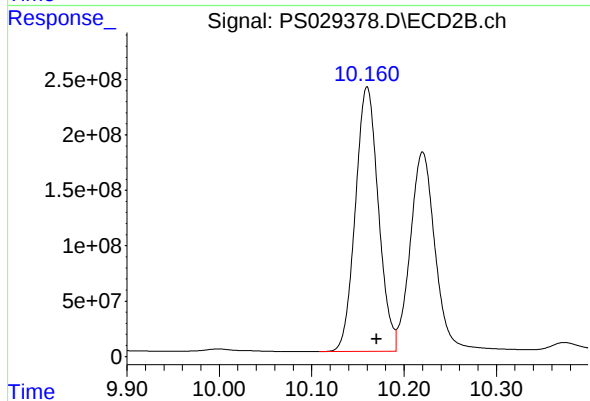
#11 2,4,5-TP (SILVEX)

R.T.: 9.745 min
Delta R.T.: -0.011 min
Response: 4666449064
Conc: 516.39 ng/ml



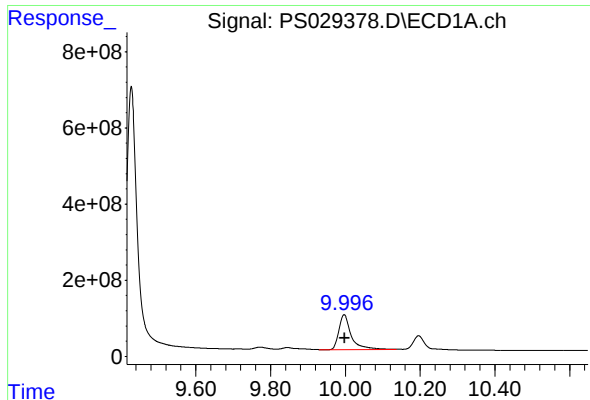
#12 2,4,5-T

R.T.: 9.427 min
Delta R.T.: -0.002 min
Response: 14129588548
Conc: 554.35 ng/ml



#12 2,4,5-T

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 4126019336
Conc: 502.54 ng/ml



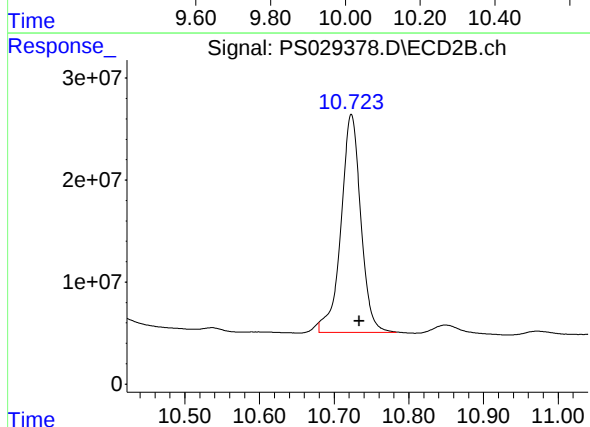
#13 2,4-DB

R.T.: 9.997 min
Delta R.T.: -0.002 min
Response: 2077350901
Conc: 497.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167085BS

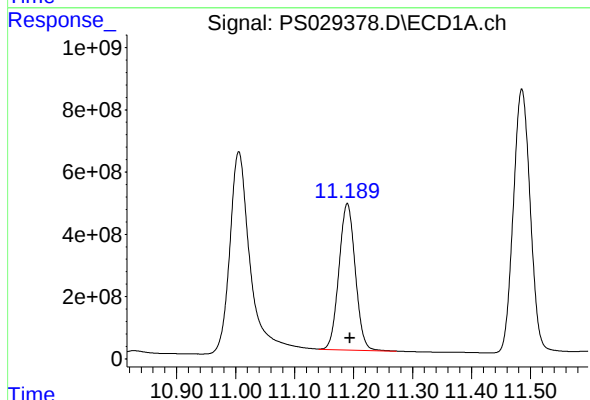
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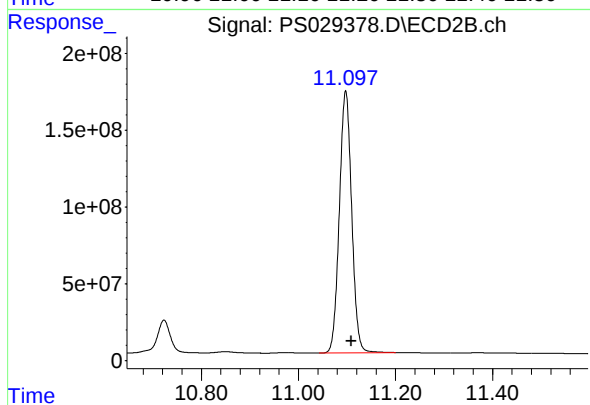
#13 2,4-DB

R.T.: 10.723 min
Delta R.T.: -0.011 min
Response: 393298312
Conc: 513.72 ng/ml



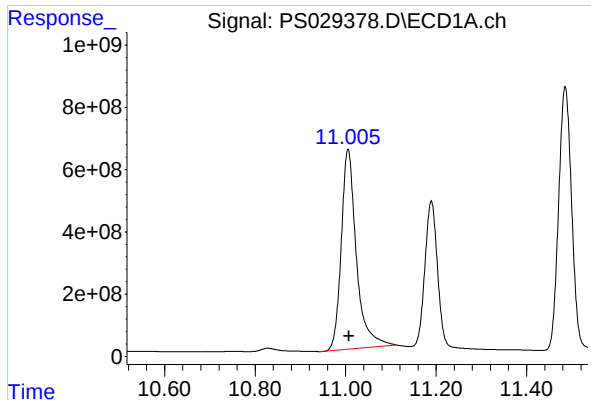
#14 DINOSEB

R.T.: 11.189 min
Delta R.T.: -0.005 min
Response: 9046383621
Conc: 543.95 ng/ml



#14 DINOSEB

R.T.: 11.097 min
Delta R.T.: -0.012 min
Response: 3004592267
Conc: 495.68 ng/ml



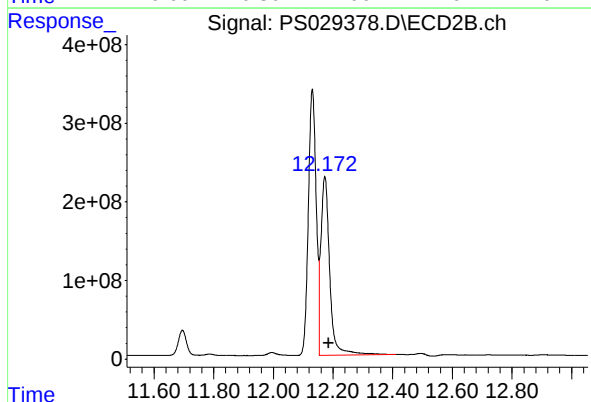
#15 Picloram

R.T.: 11.006 min
Delta R.T.: -0.001 min
Response: 14849894899
Conc: 486.19 ng/ml

Instrument :
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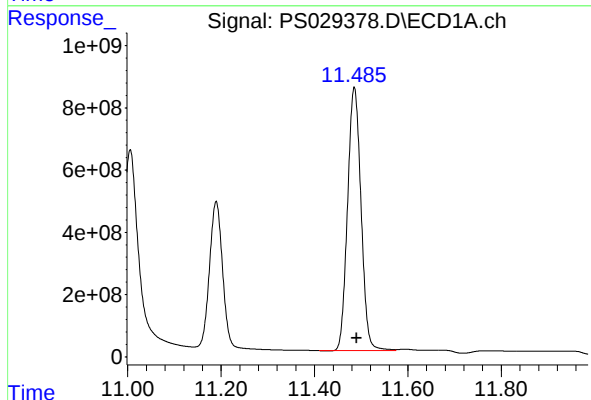
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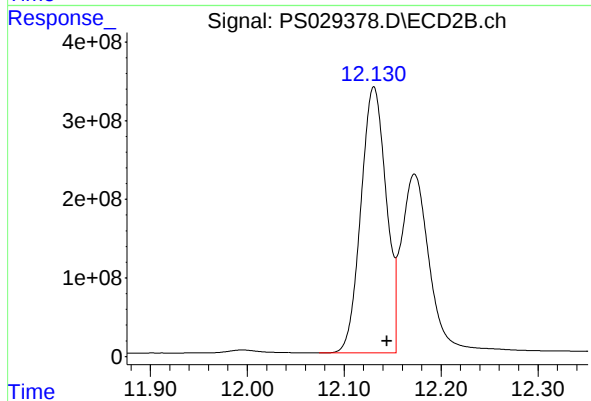
#15 Picloram

R.T.: 12.173 min
Delta R.T.: -0.012 min
Response: 4696470792
Conc: 406.18 ng/ml



#16 DCPA

R.T.: 11.485 min
Delta R.T.: -0.005 min
Response: 16913645707
Conc: 563.72 ng/ml



#16 DCPA

R.T.: 12.131 min
Delta R.T.: -0.013 min
Response: 6130390488
Conc: 517.92 ng/ml