

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032925\
 Data File : PS029618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 14:05
 Operator : AR\AJ
 Sample : PB167328BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167328BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2025
 Supervised By : mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:14:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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	7.117	7.533	2025.7E6	441.1E6	527.504	510.967
Target Compounds							
1) T	Dalapon	2.591	2.604	2878.2E6	962.8E6	485.489	464.179
2) T	3,5-DICHL...	6.306	6.522	2825.6E6	587.8E6	494.275	477.020
3) T	4-Nitroph...	6.928	7.071	549.0E6	384.2E6	515.942	475.563
5) T	DICAMBA	7.295	7.722	7723.8E6	2297.4E6	487.219	480.561
6) T	MCPD	7.473	7.827	535.1E6	100.4E6	47.006	48.485
7) T	MCPA	7.619	8.062	676.4E6	136.6E6	47.028	47.520
8) T	DICHLORPROP	7.992	8.424	2172.8E6	602.1E6	494.722	483.395
9) T	2,4-D	8.225	8.744	2022.2E6	663.6E6	501.305	485.815
10) T	Pentachlo...	8.509	9.252	32837.9E6	11167.2E6	552.641	503.147
11) T	2,4,5-TP ...	9.082	9.628	11833.5E6	4356.7E6	507.981	493.694
12) T	2,4,5-T	9.376	10.038	10712.4E6	3923.4E6	520.064	492.227
13) T	2,4-DB	9.945	10.597	963.5E6	403.5E6	504.605	439.063
14) T	DINOSEB	11.126	10.968	8920.8E6	2881.3E6	503.142	486.060m
15) T	Picloram	10.957	12.030	7303.8E6	5955.9E6	507.435	477.384
16) T	DCPA	11.424	11.995	14821.2E6	5625.2E6	514.073	501.719

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

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Acq On : 28 Mar 2025 14:05
Operator : AR\AJ
Sample : PB167328BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

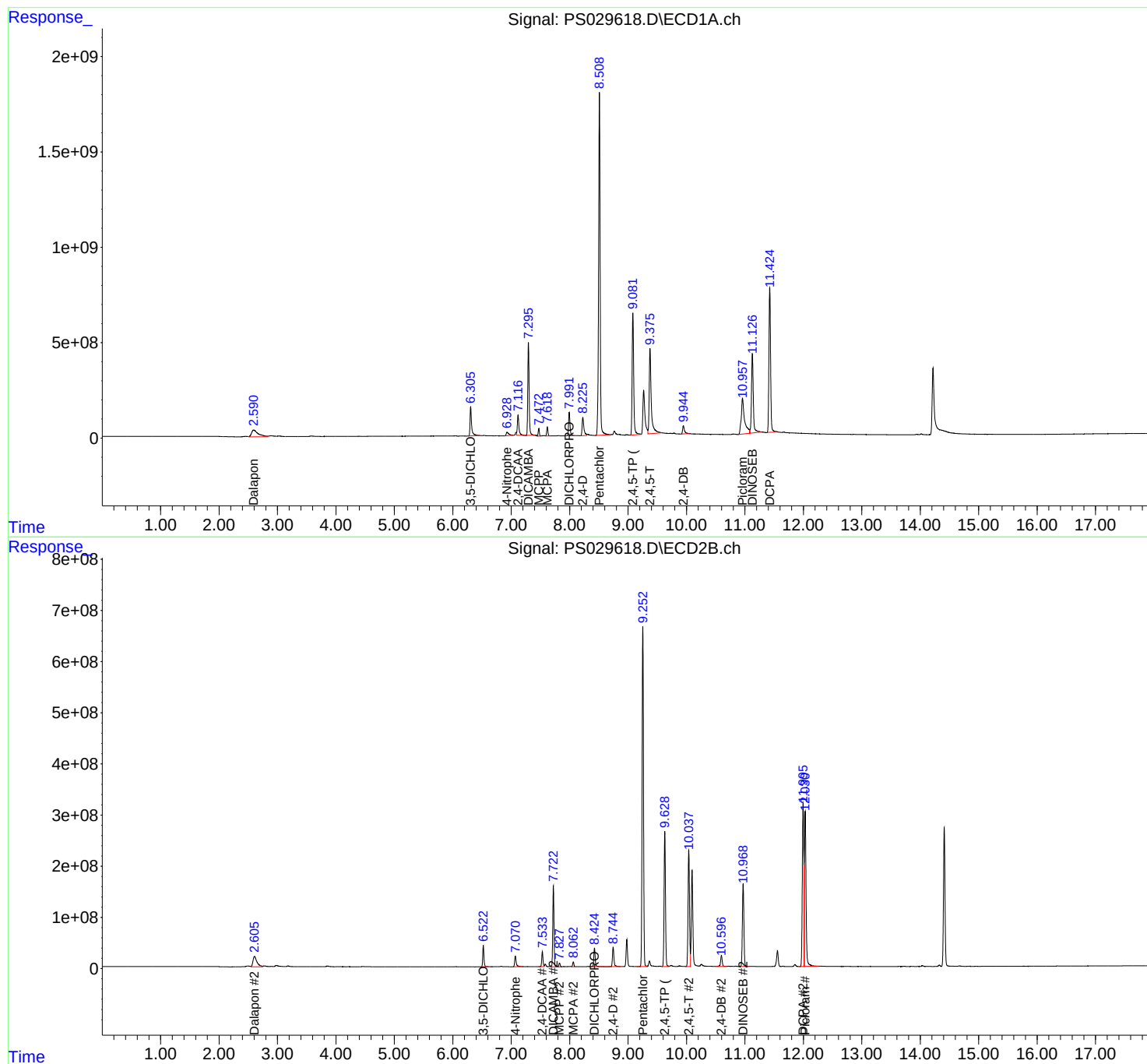
Instrument :
ECD_S
ClientSampleId :
PB167328BSD

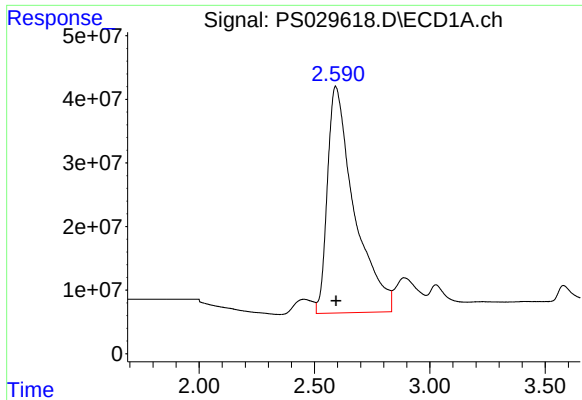
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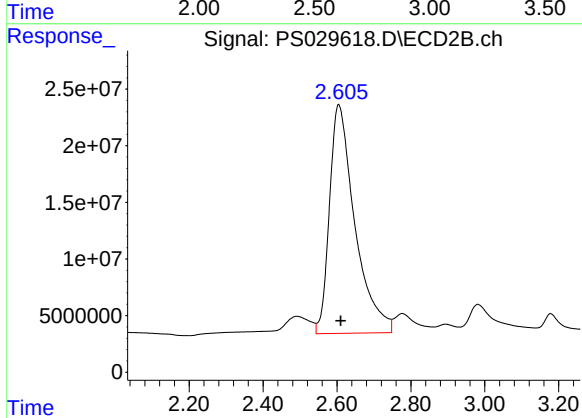
#1 Dalapon

R.T.: 2.591 min
Delta R.T.: -0.002 min
Response: 2878214949
Conc: 485.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

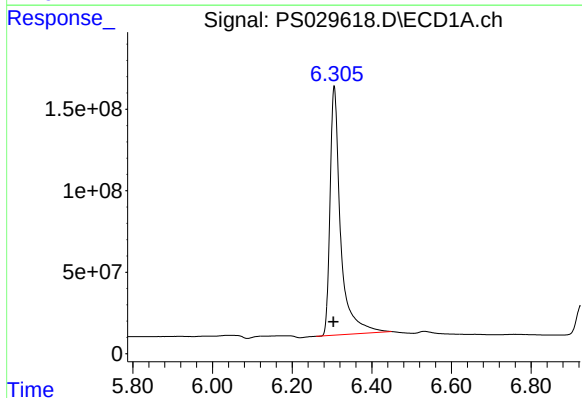
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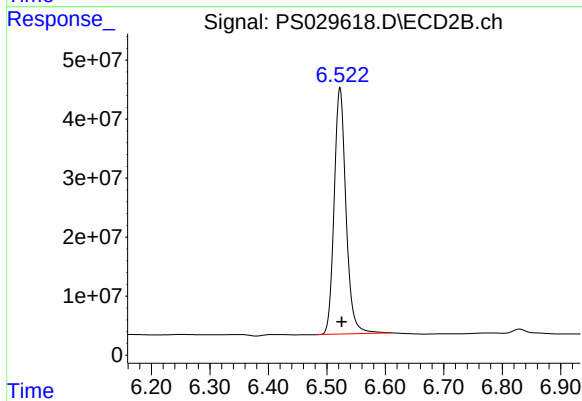
#1 Dalapon

R.T.: 2.604 min
Delta R.T.: -0.006 min
Response: 962843520
Conc: 464.18 ng/ml



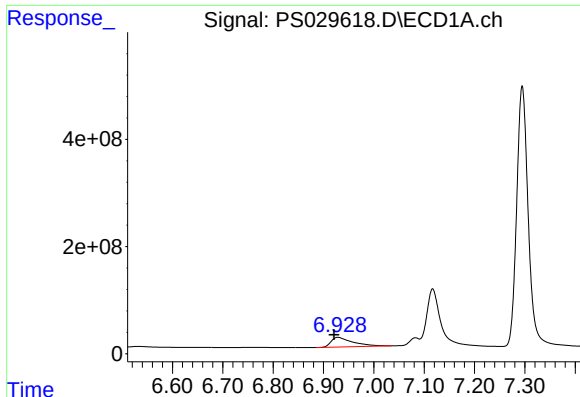
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.306 min
Delta R.T.: 0.002 min
Response: 2825550394
Conc: 494.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 587762166
Conc: 477.02 ng/ml



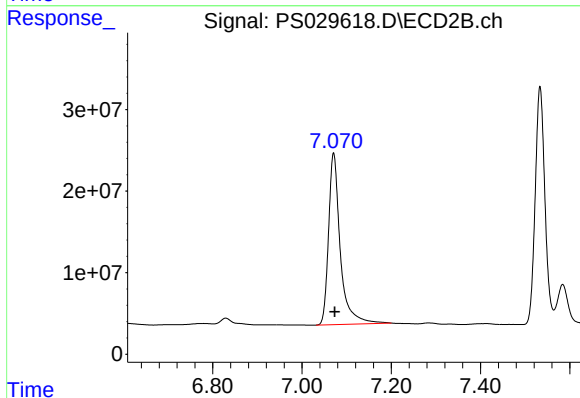
#3 4-Nitrophenol

R.T.: 6.928 min
Delta R.T.: 0.007 min
Response: 548957271
Conc: 515.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

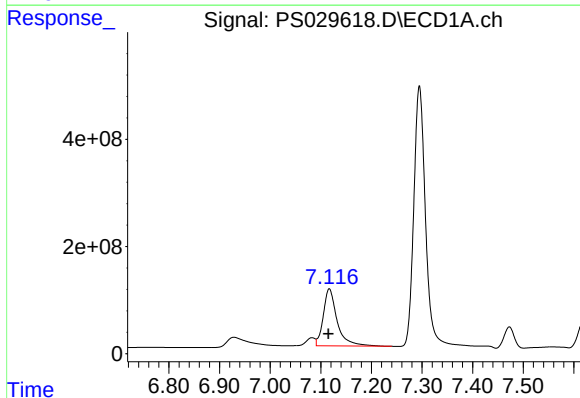
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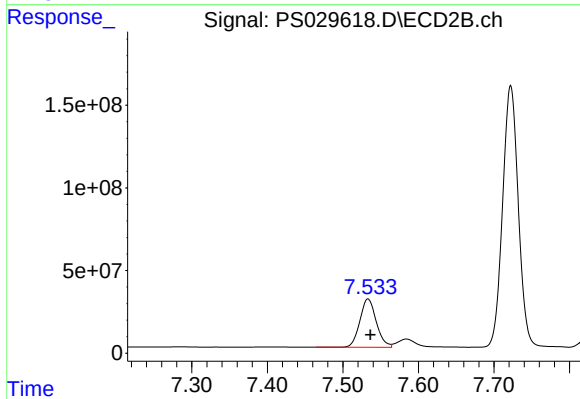
#3 4-Nitrophenol

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 384175901
Conc: 475.56 ng/ml



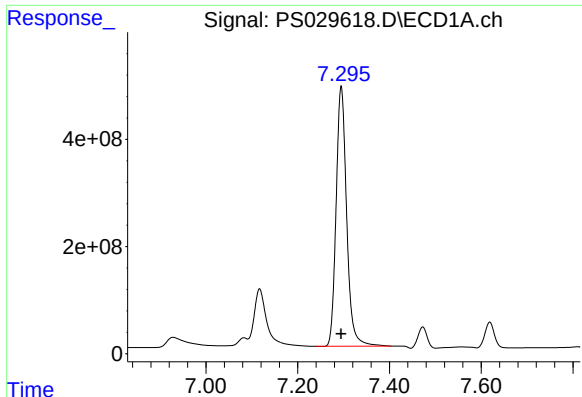
#4 2,4-DCAA

R.T.: 7.117 min
Delta R.T.: 0.002 min
Response: 2025664808
Conc: 527.50 ng/ml



#4 2,4-DCAA

R.T.: 7.533 min
Delta R.T.: -0.003 min
Response: 441116325
Conc: 510.97 ng/ml



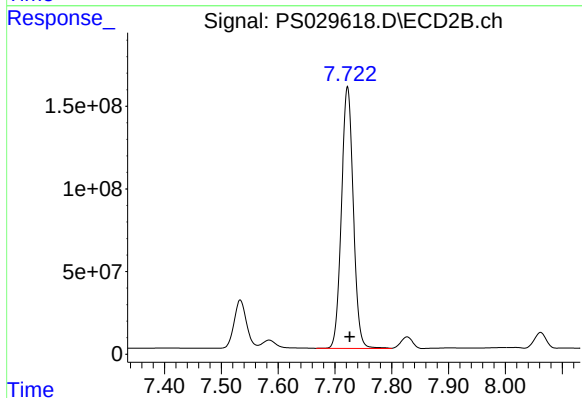
#5 DICAMBA

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 7723839404
Conc: 487.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

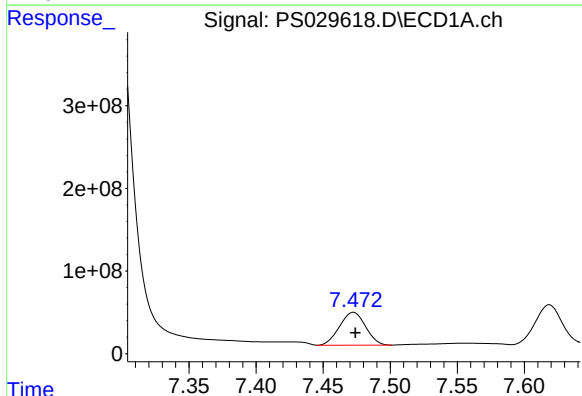
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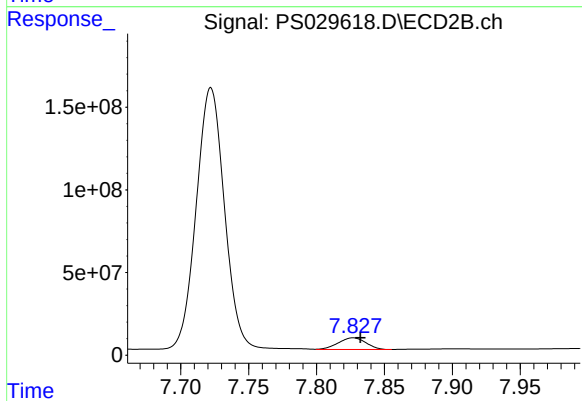
#5 DICAMBA

R.T.: 7.722 min
Delta R.T.: -0.004 min
Response: 2297445989
Conc: 480.56 ng/ml



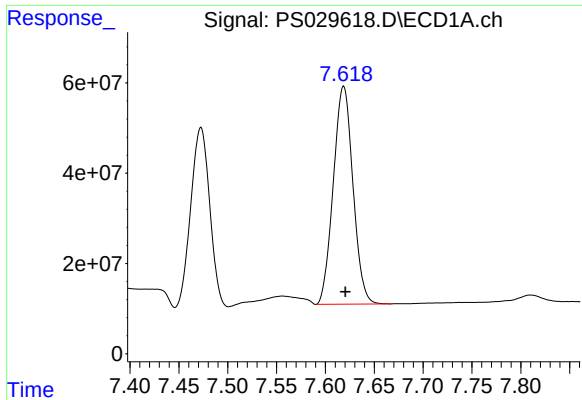
#6 MCP

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 535076416
Conc: 47.01 ug/ml



#6 MCP

R.T.: 7.827 min
Delta R.T.: -0.005 min
Response: 100385010
Conc: 48.48 ug/ml



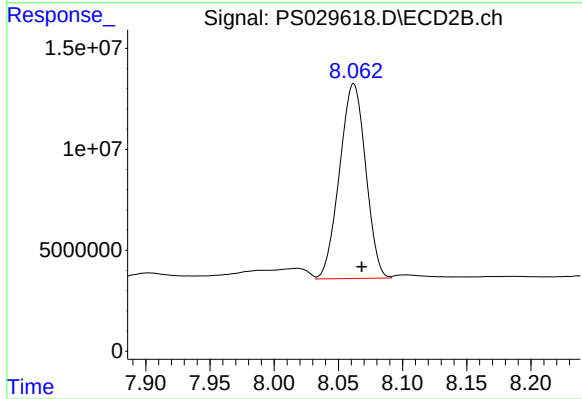
#7 MCPA

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 676352718
Conc: 47.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

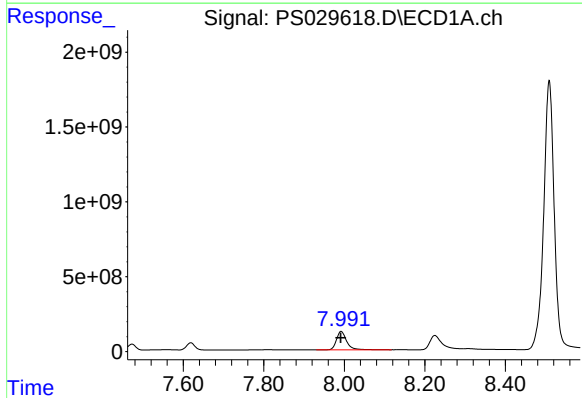
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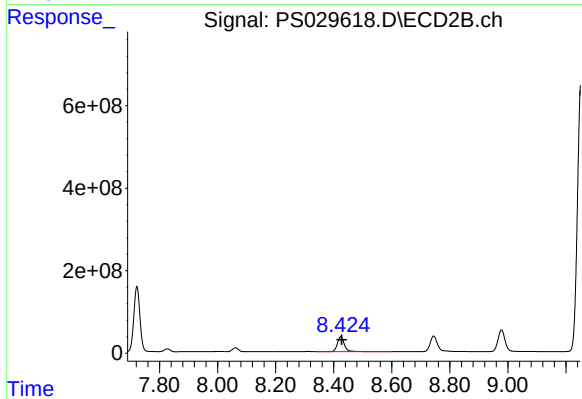
#7 MCPA

R.T.: 8.062 min
Delta R.T.: -0.006 min
Response: 136577924
Conc: 47.52 ug/ml



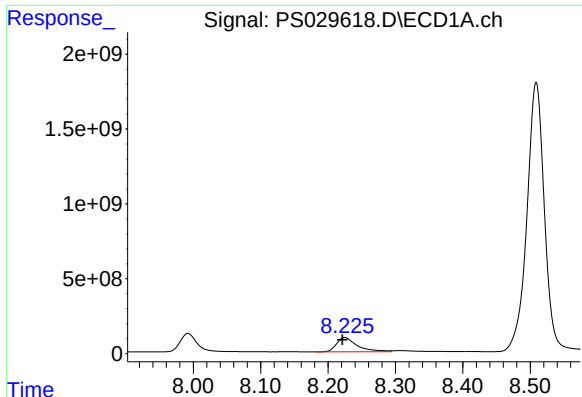
#8 DICHLORPROP

R.T.: 7.992 min
Delta R.T.: 0.001 min
Response: 2172807922
Conc: 494.72 ng/ml



#8 DICHLORPROP

R.T.: 8.424 min
Delta R.T.: -0.004 min
Response: 602116793
Conc: 483.40 ng/ml



#9 2,4-D

R.T.: 8.225 min
Delta R.T.: 0.003 min
Response: 2022151733
Conc: 501.31 ng/ml

Instrument :

ECD_S

ClientSampleId :

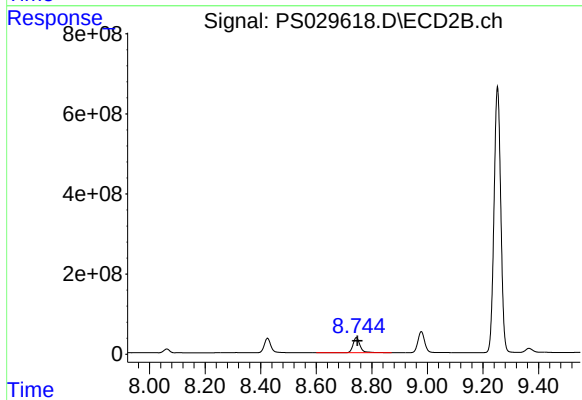
PB167328BSD

Manual Integrations

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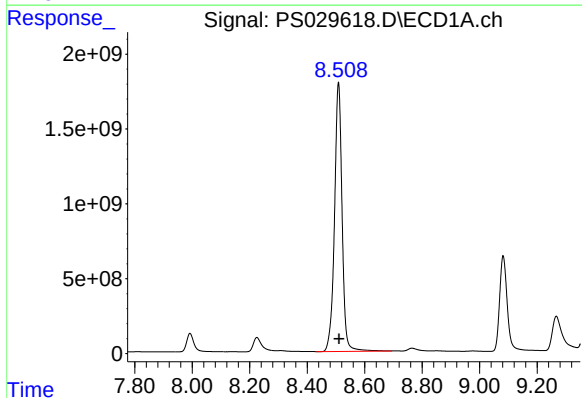
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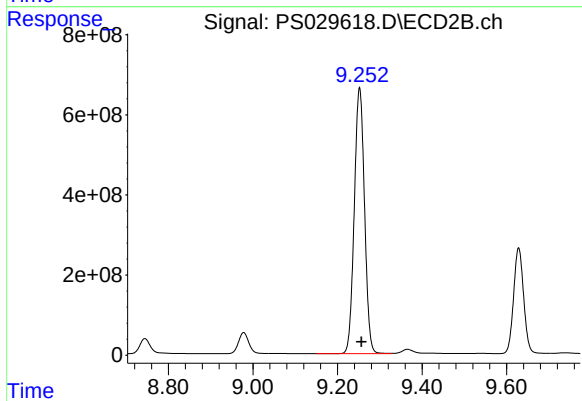
#9 2,4-D

R.T.: 8.744 min
Delta R.T.: -0.004 min
Response: 663614561
Conc: 485.81 ng/ml



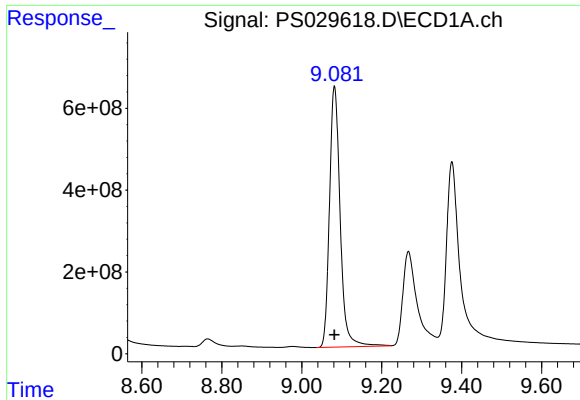
#10 Pentachlorophenol

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 32837929467
Conc: 552.64 ng/ml



#10 Pentachlorophenol

R.T.: 9.252 min
Delta R.T.: -0.005 min
Response: 11167196077
Conc: 503.15 ng/ml



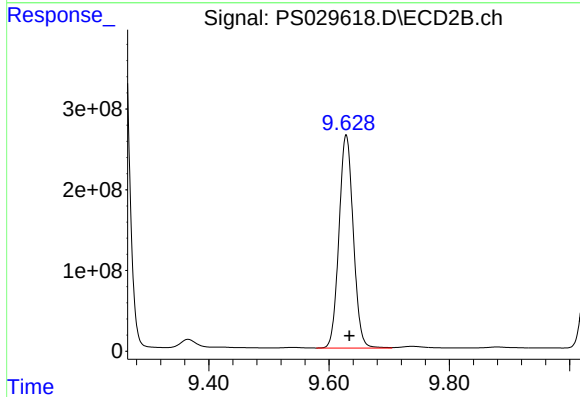
#11 2,4,5-TP (SILVEX)

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 11833456226
Conc: 507.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

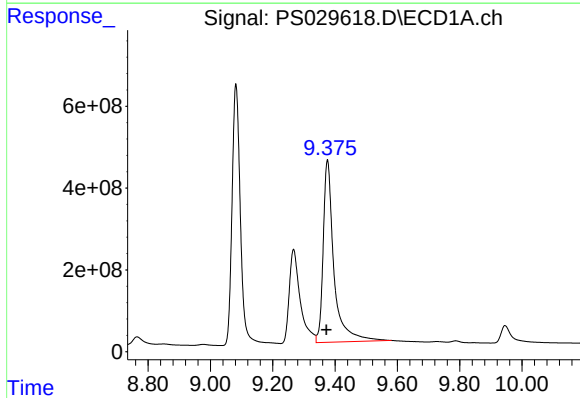
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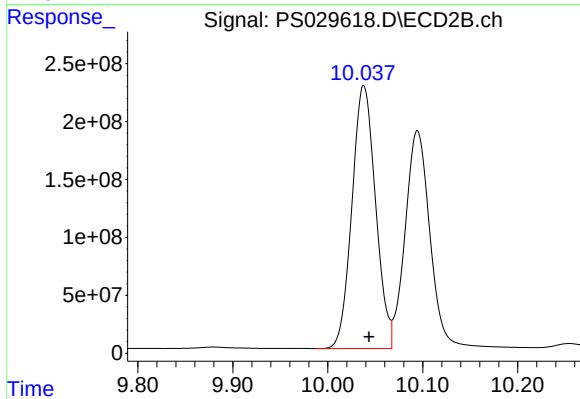
#11 2,4,5-TP (SILVEX)

R.T.: 9.628 min
Delta R.T.: -0.005 min
Response: 4356720811
Conc: 493.69 ng/ml



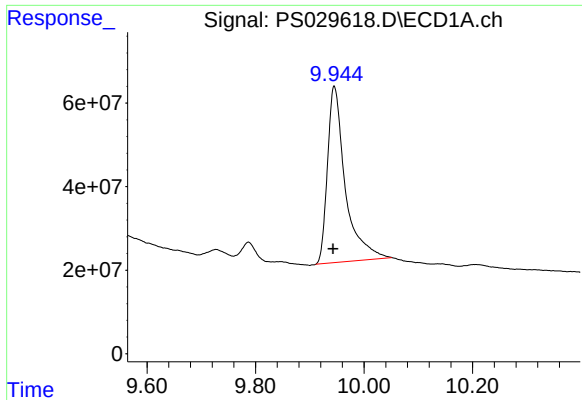
#12 2,4,5-T

R.T.: 9.376 min
Delta R.T.: 0.003 min
Response: 10712440742
Conc: 520.06 ng/ml



#12 2,4,5-T

R.T.: 10.038 min
Delta R.T.: -0.005 min
Response: 3923377226
Conc: 492.23 ng/ml



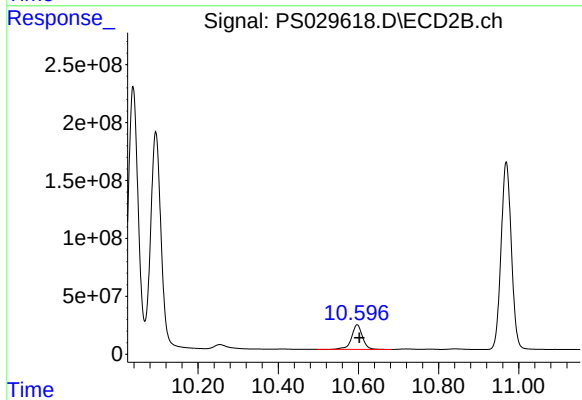
#13 2,4-DB

R.T.: 9.945 min
Delta R.T.: 0.002 min
Response: 963467387
Conc: 504.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

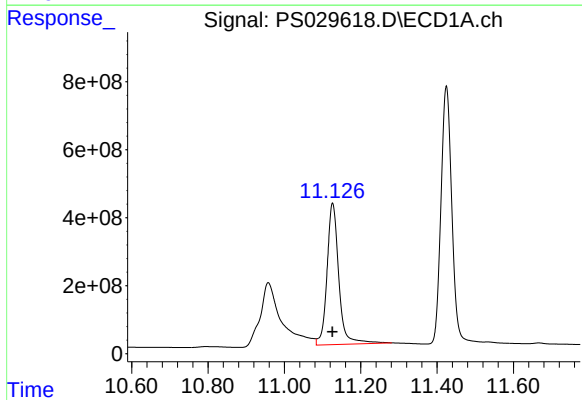
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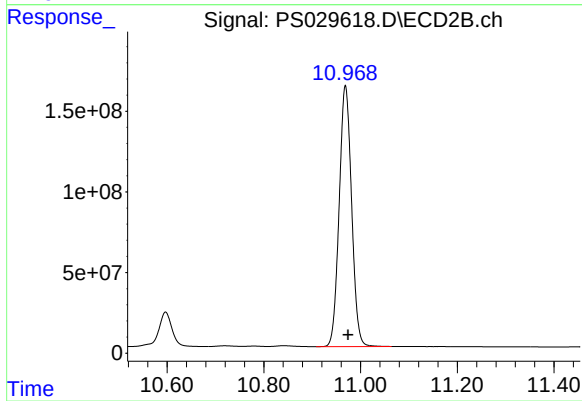
#13 2,4-DB

R.T.: 10.597 min
Delta R.T.: -0.005 min
Response: 403478788
Conc: 439.06 ng/ml



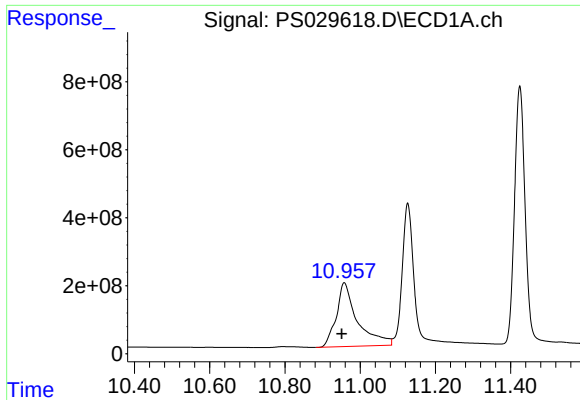
#14 DINOSEB

R.T.: 11.126 min
Delta R.T.: 0.000 min
Response: 8920777133
Conc: 503.14 ng/ml



#14 DINOSEB

R.T.: 10.968 min
Delta R.T.: -0.006 min
Response: 2881313653
Conc: 486.06 ng/ml m



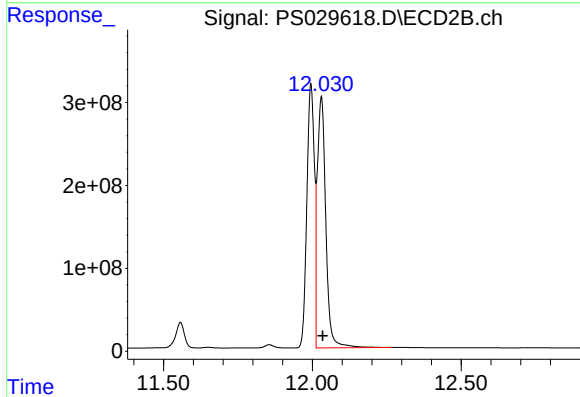
#15 Picloram

R.T.: 10.957 min
Delta R.T.: 0.006 min
Response: 7303772052
Conc: 507.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BSD

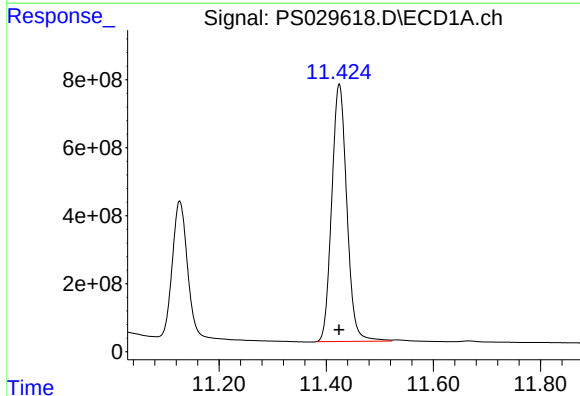
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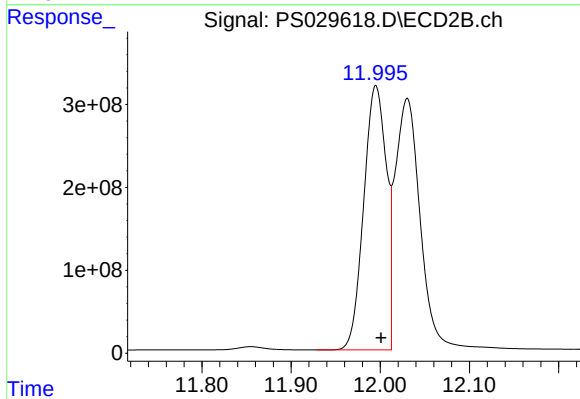
#15 Picloram

R.T.: 12.030 min
Delta R.T.: -0.005 min
Response: 5955935765
Conc: 477.38 ng/ml



#16 DCPA

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 14821204177
Conc: 514.07 ng/ml



#16 DCPA

R.T.: 11.995 min
Delta R.T.: -0.006 min
Response: 5625174022
Conc: 501.72 ng/ml