

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021924\
 Data File : PS025984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2024 12:18
 Operator : AR\AJ
 Sample : PB159091BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB159091BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2024
 Supervised By : Ankita Jodhani 02/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 00:17:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021424.M
 Quant Title : 8080.M
 QLast Update : Wed Feb 14 15:17:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.270	7.802	1438.8E6	431.3E6	543.639	494.157
Target Compounds							
1) T	Dalapon	2.675	2.727	1928.7E6	687.5E6	431.135m	421.610m
2) T	3,5-DICHL...	6.437	6.750	1931.0E6	610.6E6	497.414	456.841
3) T	4-Nitroph...	7.071	7.329	772.1E6	222.3E6	486.996	461.049
5) T	DICAMBA	7.460	8.004	5591.9E6	1792.4E6	507.505	463.874
6) T	MCPD	7.641	8.104	403.2E6	133.7E6	51.018m	49.569
7) T	MCPA	7.792	8.348	563.5E6	186.3E6	49.541	48.361
8) T	DICHLORPROP	8.173	8.721	1458.4E6	451.9E6	516.950	469.168
9) T	2,4-D	8.405	9.052	1515.1E6	444.2E6	512.404	468.665
10) T	Pentachlo...	8.705	9.583	21357.1E6	6937.2E6	538.923	482.676
11) T	2,4,5-TP ...	9.289	9.958	8229.4E6	2618.1E6	527.972	481.179
12) T	2,4,5-T	9.583	10.379	8023.3E6	2390.8E6	527.568	478.835
13) T	2,4-DB	10.162	10.945	995.7E6	248.8E6	508.116	449.608m
14) T	DINOSEB	11.382	11.324	5827.0E6	1769.2E6	525.697	493.052
15) T	Picloram	11.185	12.426	8562.3E6	2371.3E6	478.530m	442.846m
16) T	DCPA	11.673	12.371	10590.0E6	3095.2E6	538.632	480.617

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

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Acq On : 19 Feb 2024 12:18
Operator : AR\AJ
Sample : PB159091BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

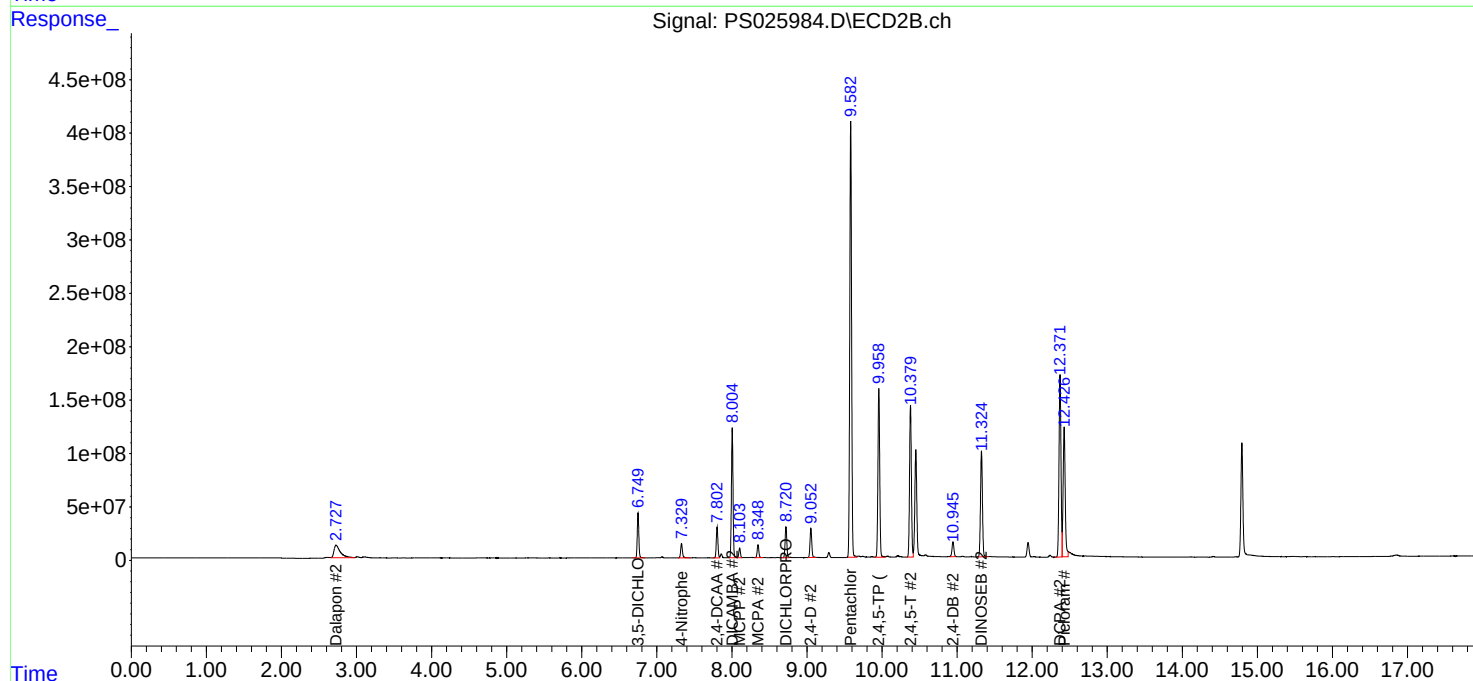
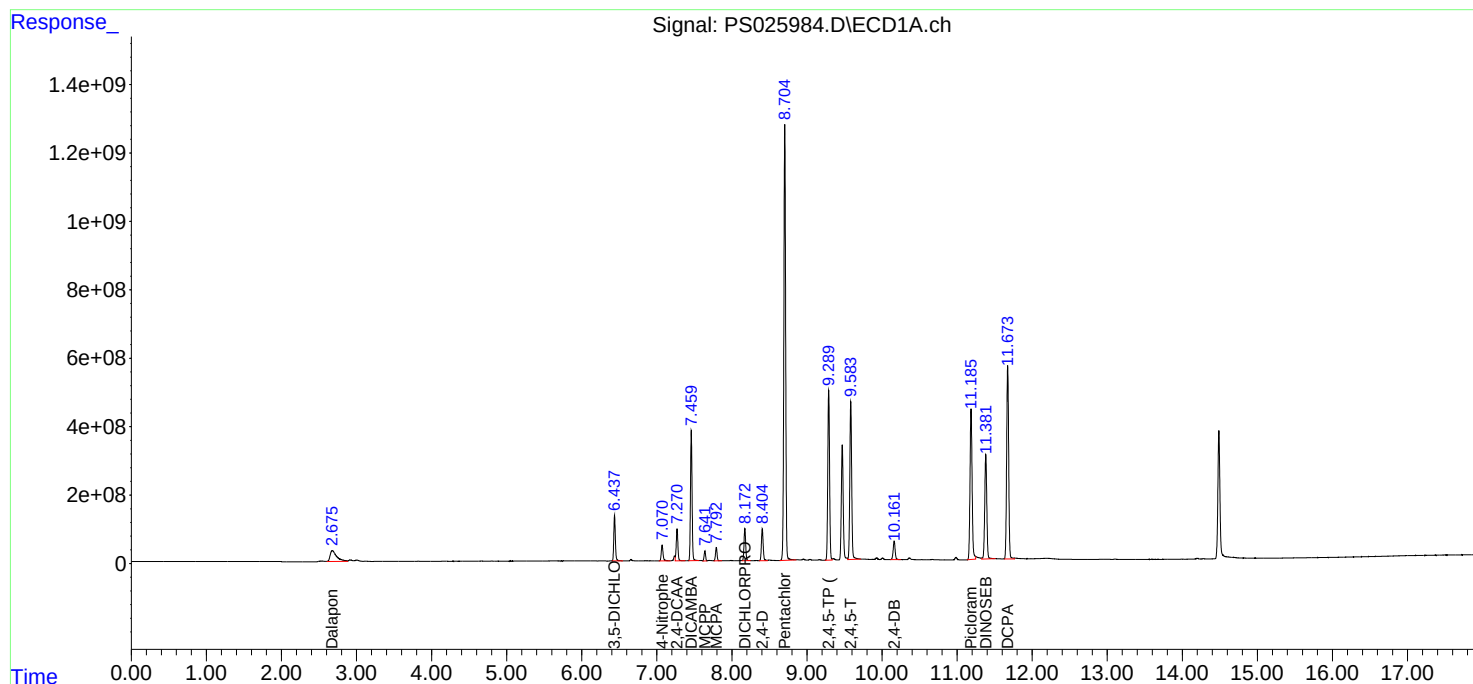
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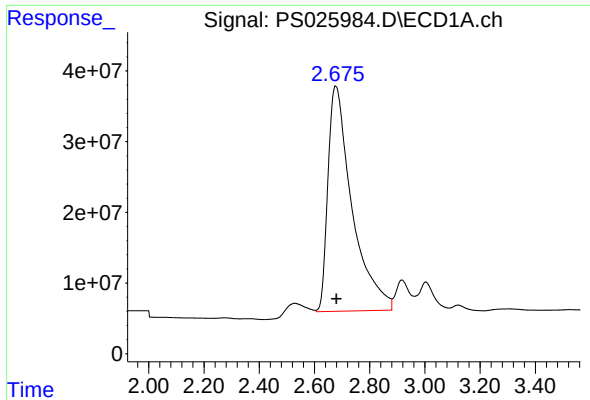
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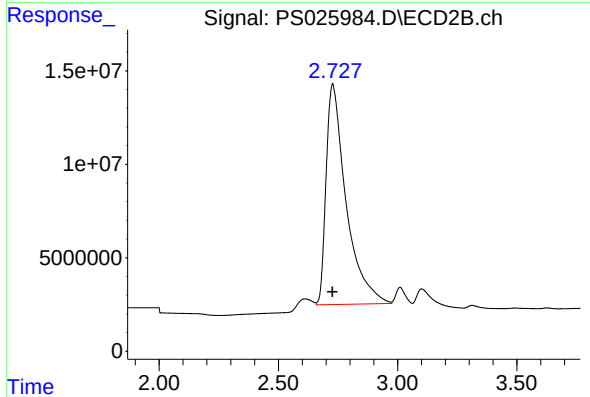
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: -0.006 min
Response: 1928683644
Conc: 431.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159091BS

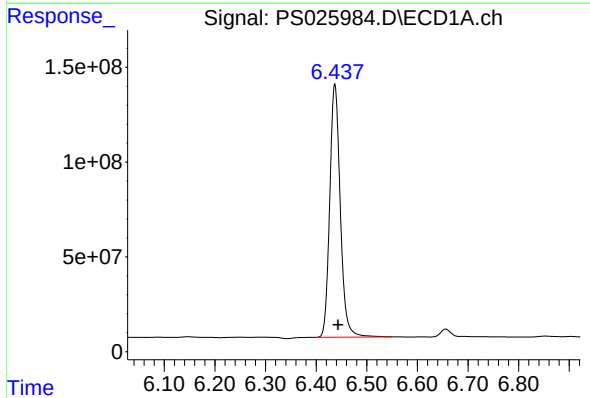
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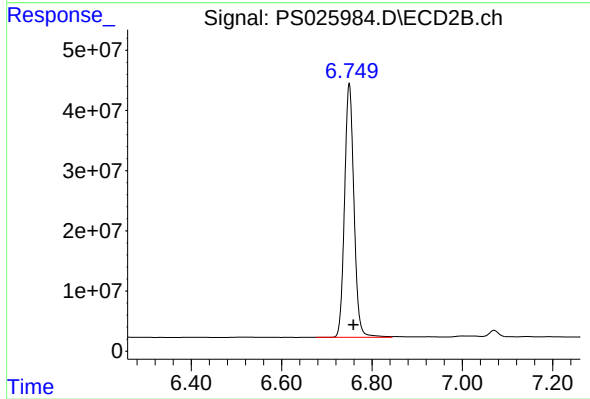
#1 Dalapon

R.T.: 2.727 min
Delta R.T.: 0.000 min
Response: 687480394
Conc: 421.61 ng/ml m



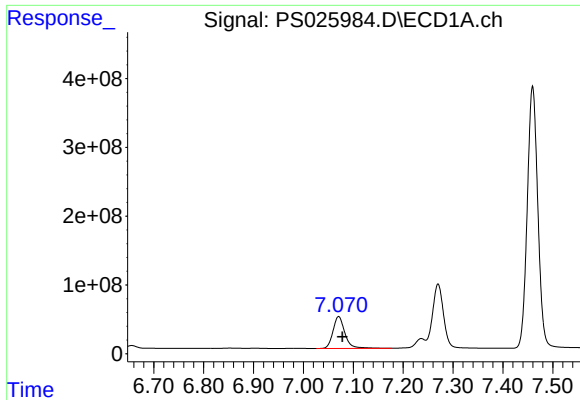
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.437 min
Delta R.T.: -0.006 min
Response: 1931047630
Conc: 497.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.750 min
Delta R.T.: -0.009 min
Response: 610613874
Conc: 456.84 ng/ml



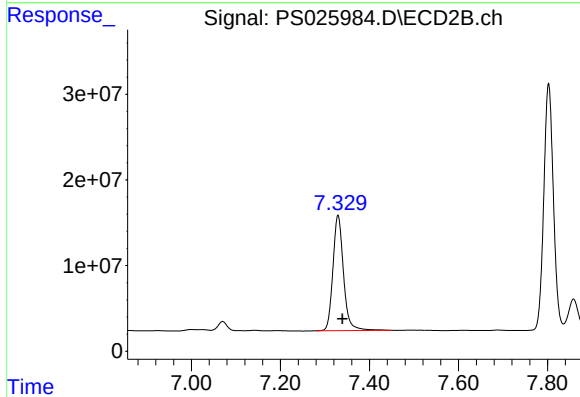
#3 4-Nitrophenol

R.T.: 7.071 min
Delta R.T.: -0.007 min
Response: 772137713
Conc: 487.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159091BS

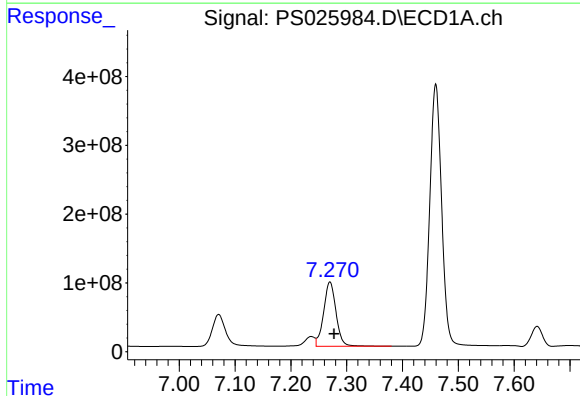
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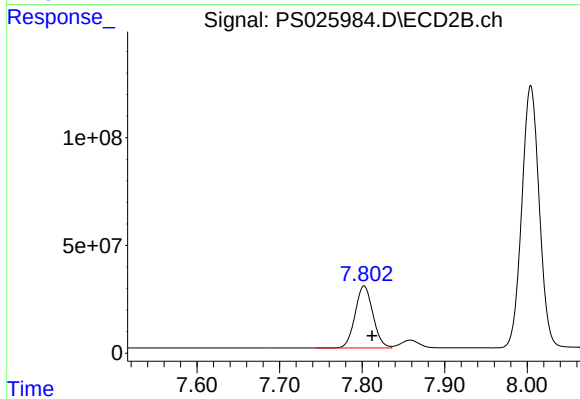
#3 4-Nitrophenol

R.T.: 7.329 min
Delta R.T.: -0.010 min
Response: 222293435
Conc: 461.05 ng/ml



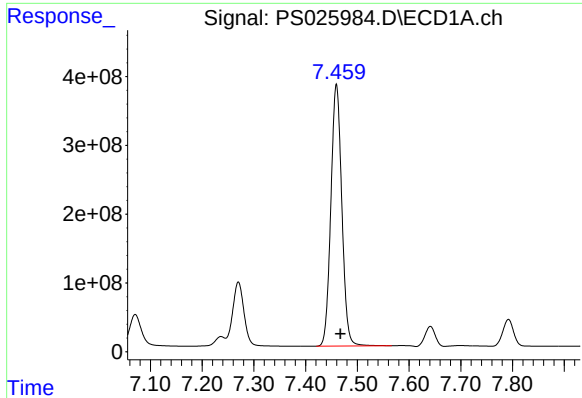
#4 2,4-DCAA

R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 1438780382
Conc: 543.64 ng/ml



#4 2,4-DCAA

R.T.: 7.802 min
Delta R.T.: -0.010 min
Response: 431326216
Conc: 494.16 ng/ml



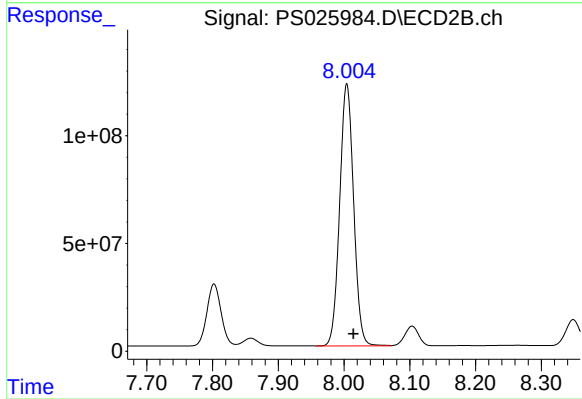
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: -0.008 min
Response: 5591902058
Conc: 507.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159091BS

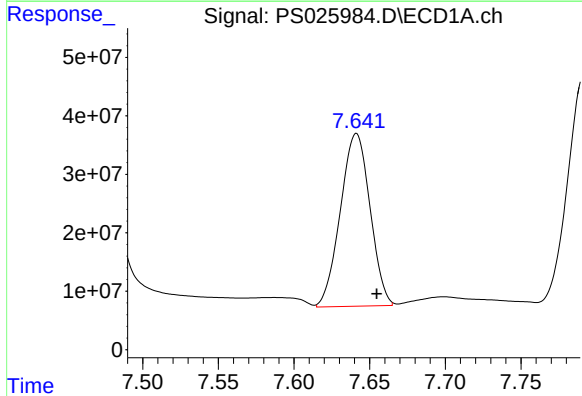
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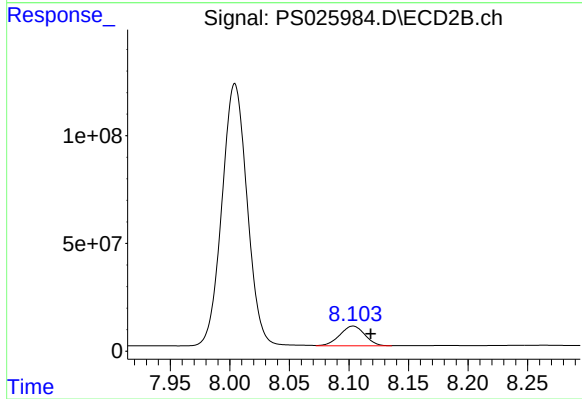
#5 DICAMBA

R.T.: 8.004 min
Delta R.T.: -0.010 min
Response: 1792370745
Conc: 463.87 ng/ml



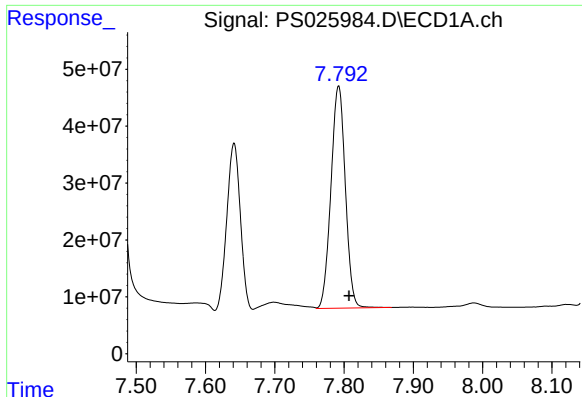
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.014 min
Response: 403175913
Conc: 51.02 ug/ml m



#6 MCPP

R.T.: 8.104 min
Delta R.T.: -0.015 min
Response: 133700507
Conc: 49.57 ug/ml



#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.015 min
Response: 563491536
Conc: 49.54 ug/ml

Instrument :

ECD_S

ClientSampleId :

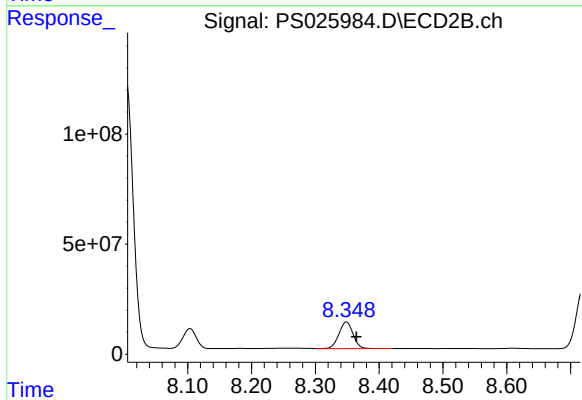
PB159091BS

Manual Integrations

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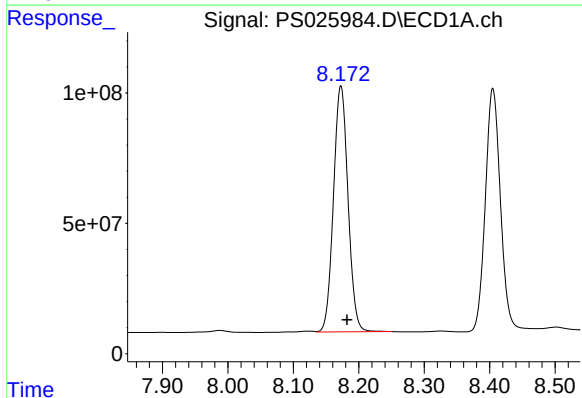
Reviewed By :Abdul Mirza 02/20/2024

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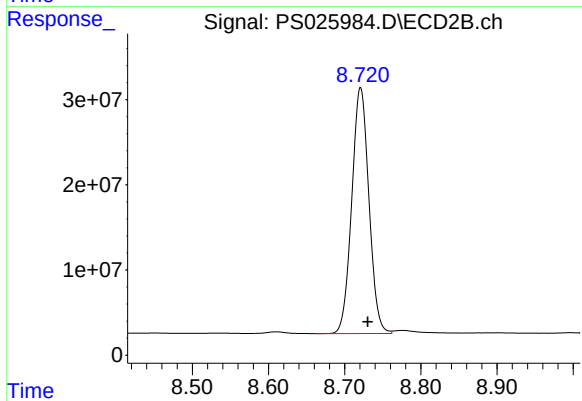
#7 MCPA

R.T.: 8.348 min
Delta R.T.: -0.016 min
Response: 186299658
Conc: 48.36 ug/ml



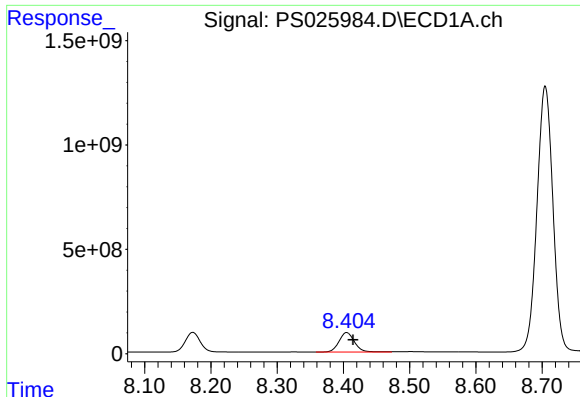
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: -0.009 min
Response: 1458402262
Conc: 516.95 ng/ml



#8 DICHLORPROP

R.T.: 8.721 min
Delta R.T.: -0.009 min
Response: 451935504
Conc: 469.17 ng/ml



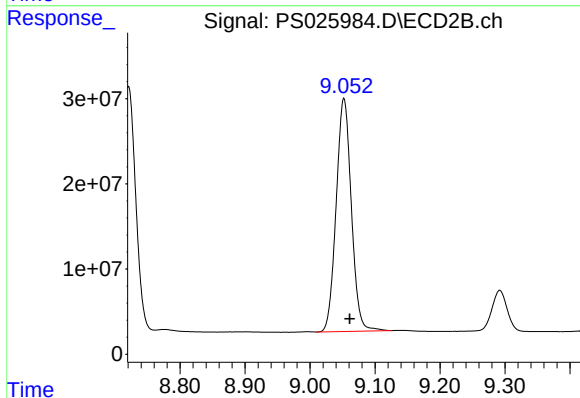
#9 2,4-D

R.T.: 8.405 min
Delta R.T.: -0.009 min
Response: 1515060782
Conc: 512.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159091BS

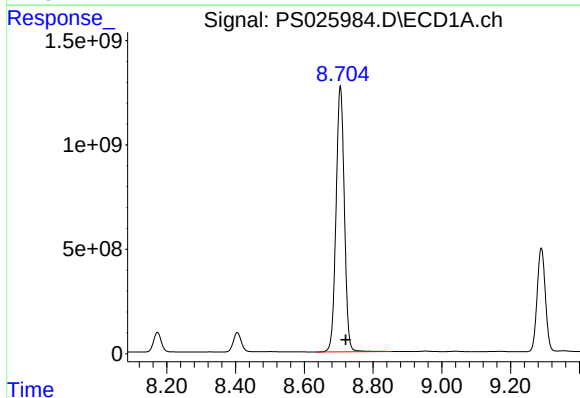
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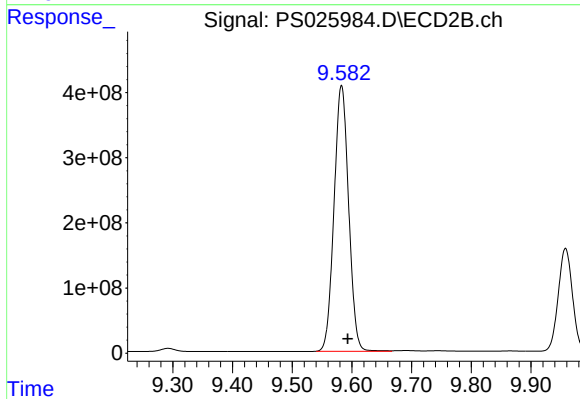
#9 2,4-D

R.T.: 9.052 min
Delta R.T.: -0.009 min
Response: 444201074
Conc: 468.66 ng/ml



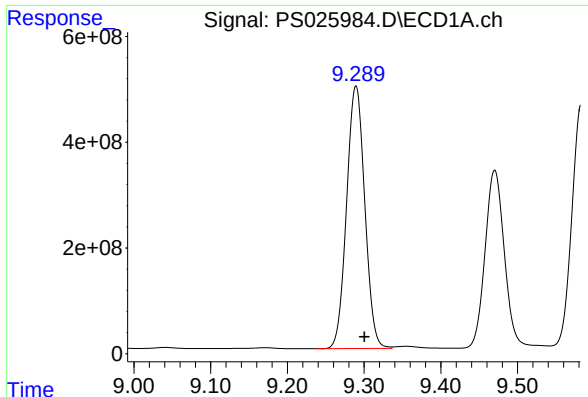
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: -0.016 min
Response: 21357092710
Conc: 538.92 ng/ml



#10 Pentachlorophenol

R.T.: 9.583 min
Delta R.T.: -0.010 min
Response: 6937218611
Conc: 482.68 ng/ml



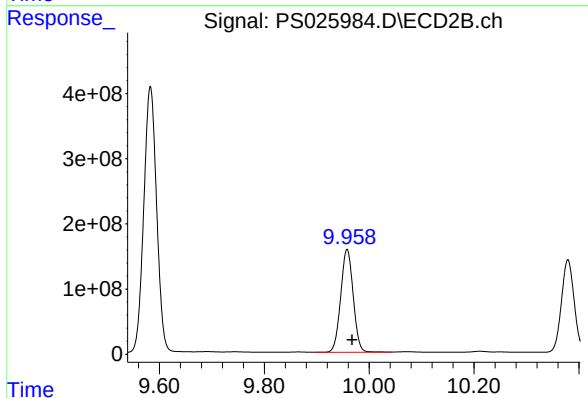
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 8229383511
Conc: 527.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159091BS

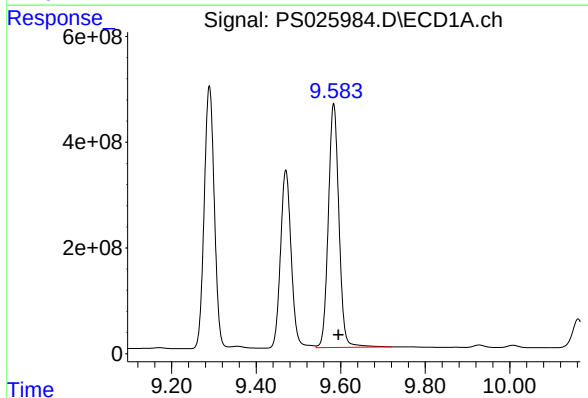
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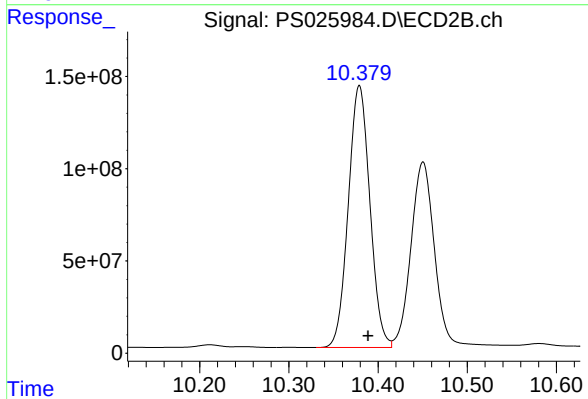
#11 2,4,5-TP (SILVEX)

R.T.: 9.958 min
Delta R.T.: -0.010 min
Response: 2618142947
Conc: 481.18 ng/ml



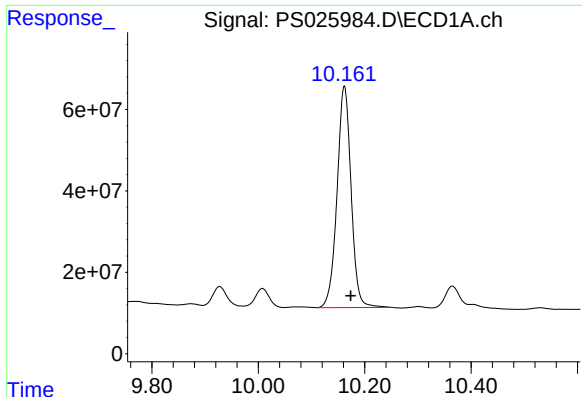
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.011 min
Response: 8023307251
Conc: 527.57 ng/ml



#12 2,4,5-T

R.T.: 10.379 min
Delta R.T.: -0.010 min
Response: 2390771345
Conc: 478.84 ng/ml



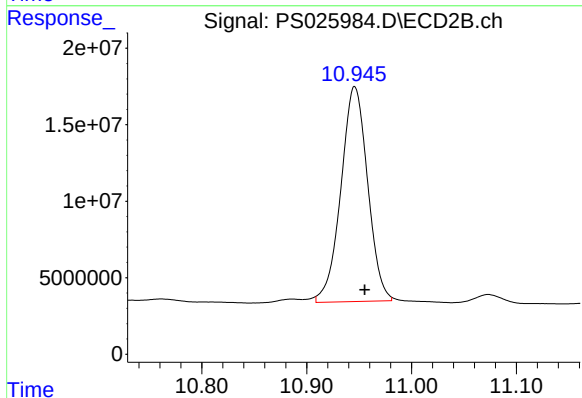
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.012 min
Response: 995736405
Conc: 508.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159091BS

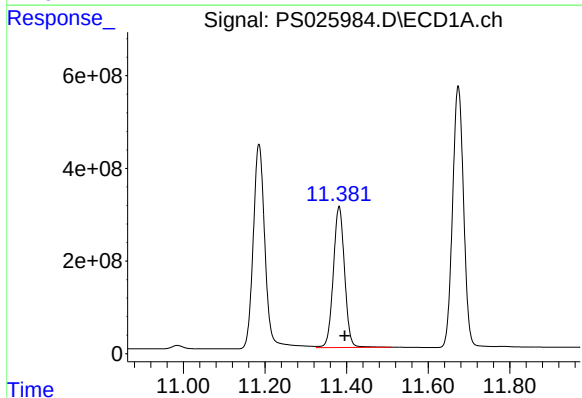
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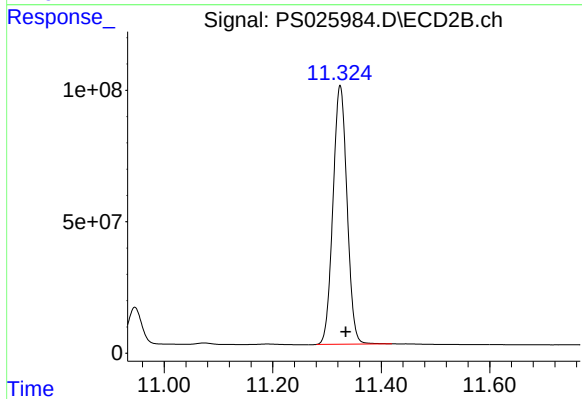
#13 2,4-DB

R.T.: 10.945 min
Delta R.T.: -0.010 min
Response: 248808768
Conc: 449.61 ng/ml m



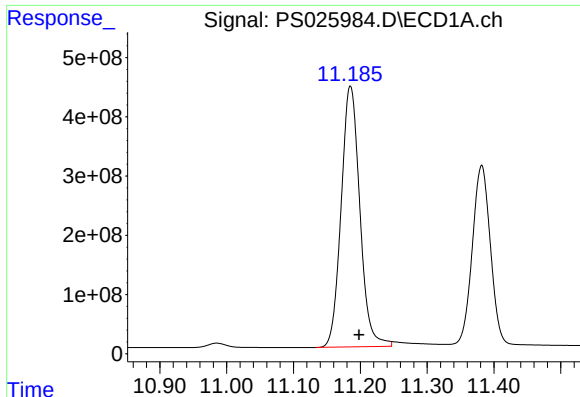
#14 DINOSEB

R.T.: 11.382 min
Delta R.T.: -0.014 min
Response: 5826958379
Conc: 525.70 ng/ml



#14 DINOSEB

R.T.: 11.324 min
Delta R.T.: -0.010 min
Response: 1769217350
Conc: 493.05 ng/ml



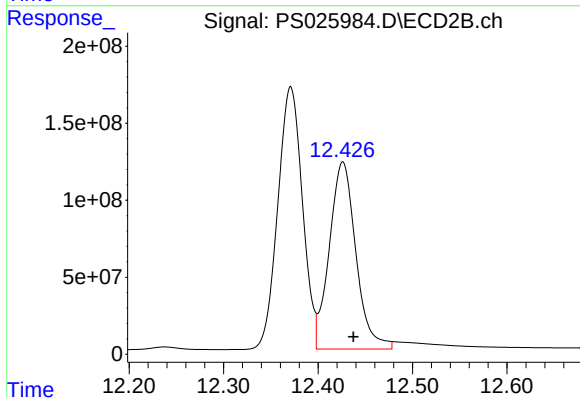
#15 Picloram

R.T.: 11.185 min
Delta R.T.: -0.013 min
Response: 8562302781
Conc: 478.53 ng/ml

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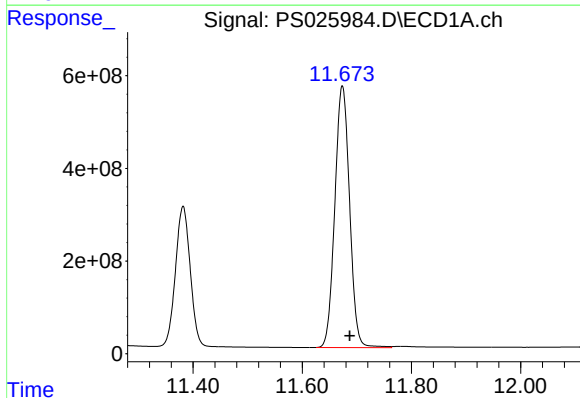
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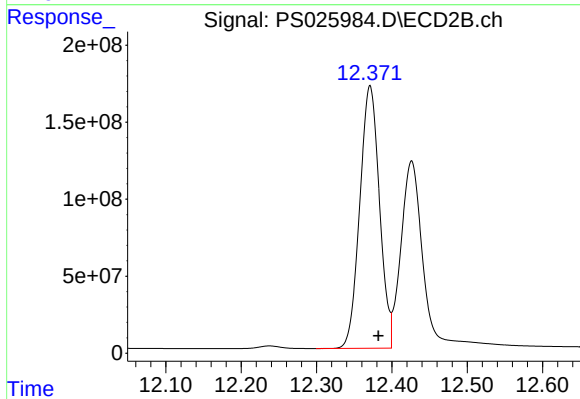
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.011 min
Response: 2371289510
Conc: 442.85 ng/ml m



#16 DCPA

R.T.: 11.673 min
Delta R.T.: -0.014 min
Response: 10590002227
Conc: 538.63 ng/ml



#16 DCPA

R.T.: 12.371 min
Delta R.T.: -0.011 min
Response: 3095172644
Conc: 480.62 ng/ml