

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 22:44
 Operator : AR\AJ
 Sample : PB170090BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170090BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:24:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.281	7.745	2591.4E6	609.4E6	543.605	553.872
Target Compounds							
1) T	Dalapon	2.659	2.687	3463.2E6	1841.9E6	448.160	490.087
2) T	3,5-DICHL...	6.449	6.697	3536.1E6	988.0E6	502.368	473.674m
3) T	4-Nitroph...	7.098	7.305	786.7E6	778.6E6	589.398	513.101m
5) T	DICAMBA	7.463	7.939	10430.3E6	4398.5E6	498.050	507.863
6) T	MCPD	7.640	8.034	591.0E6	123.8E6	48.333	49.866
7) T	MCPA	7.789	8.282	720.1E6	187.8E6	48.934	49.795
8) T	DICHLORPROP	8.171	8.659	2358.9E6	1000.6E6	496.186	510.975
9) T	2,4-D	8.411	9.004	2551.3E6	1067.3E6	525.406	513.540
10) T	Pentachlo...	8.701	9.507	39216.7E6	28415.3E6	584.282	548.305
11) T	2,4,5-TP ...	9.279	9.892	14365.9E6	10362.6E6	508.671	516.199
12) T	2,4,5-T	9.577	10.322	13293.1E6	8964.3E6	526.578	522.862
13) T	2,4-DB	10.153	10.891	1317.2E6	641.0E6	424.847m	496.092
14) T	DINOSEB	11.345	11.263	10931.8E6	7549.0E6	490.198	496.543
15) T	Picloram	11.182	12.389	12549.1E6	16570.0E6	532.243	497.717
16) T	DCPA	11.643	12.304	19040.1E6	17549.3E6	518.236	528.409

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

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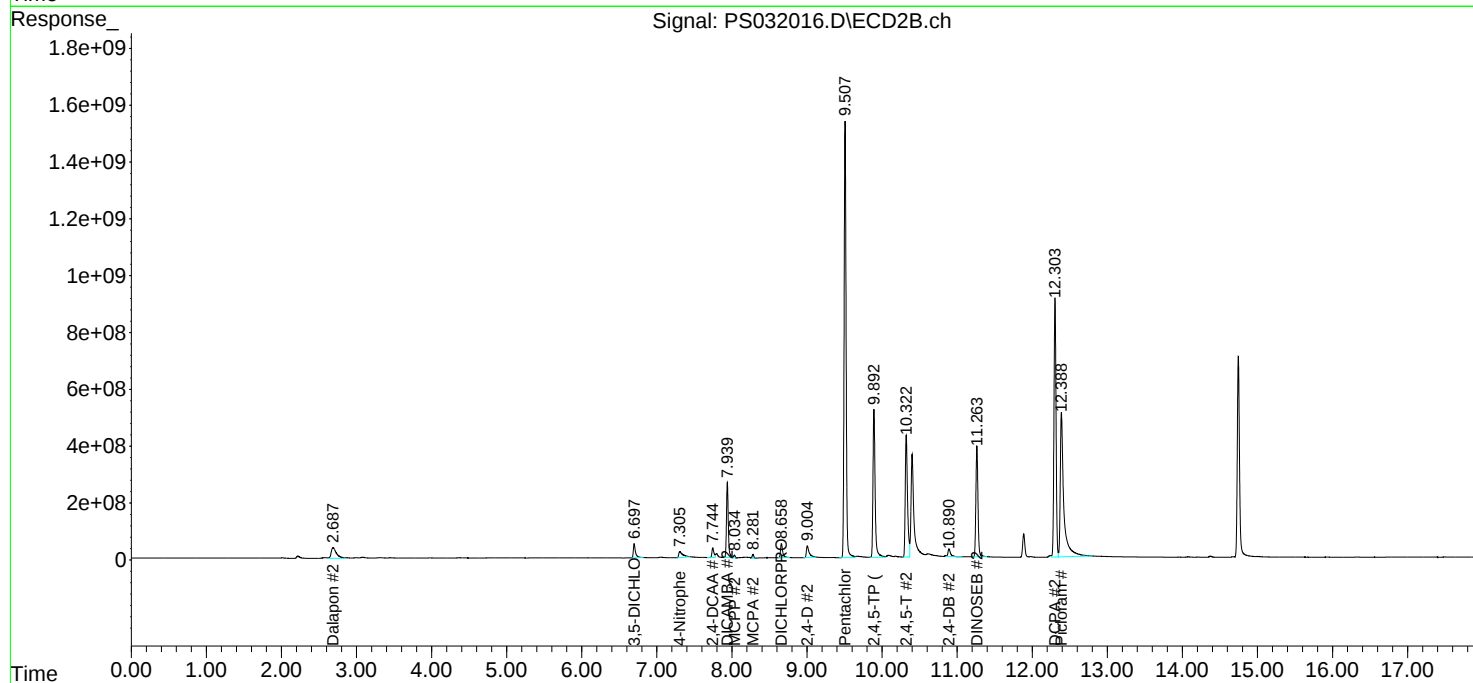
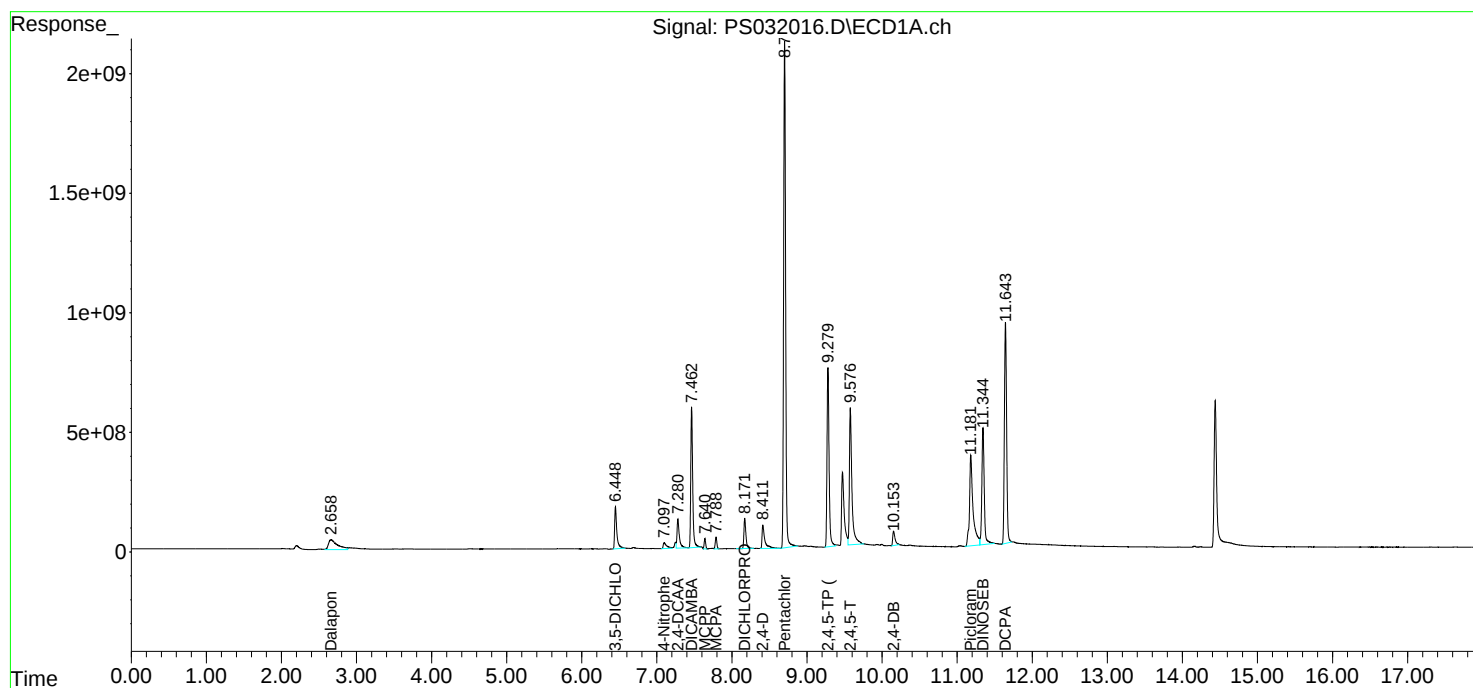
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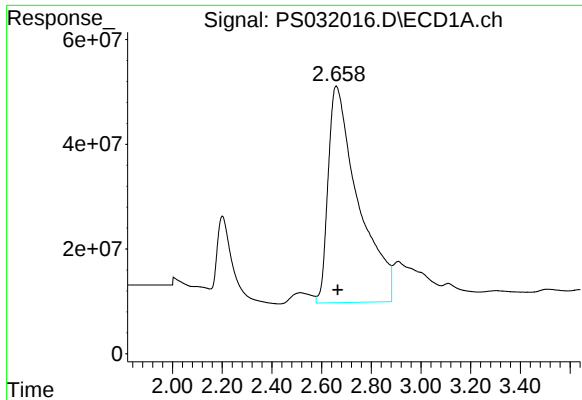
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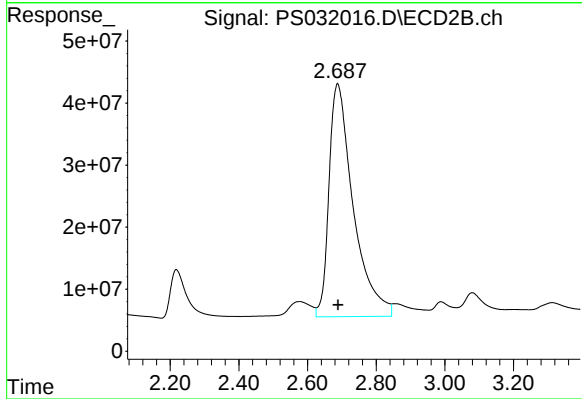
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 3463172239
Conc: 448.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170090BS

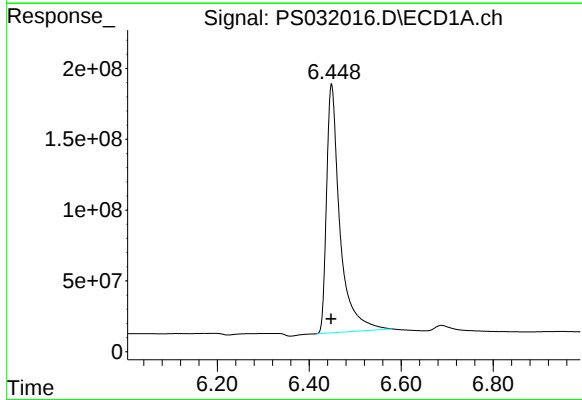
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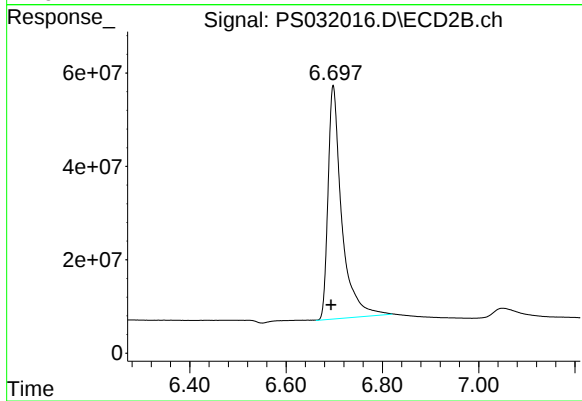
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 1841880388
Conc: 490.09 ng/ml



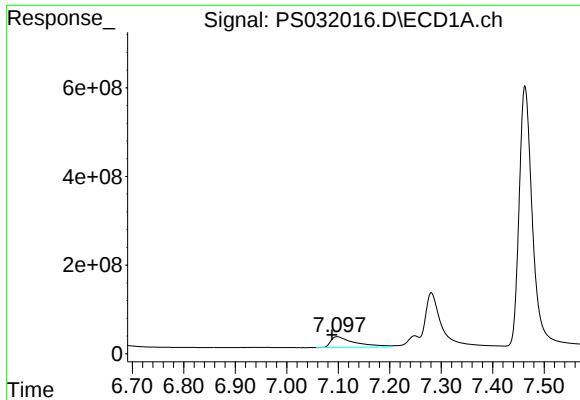
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.001 min
Response: 3536102427
Conc: 502.37 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 988028557
Conc: 473.67 ng/ml m



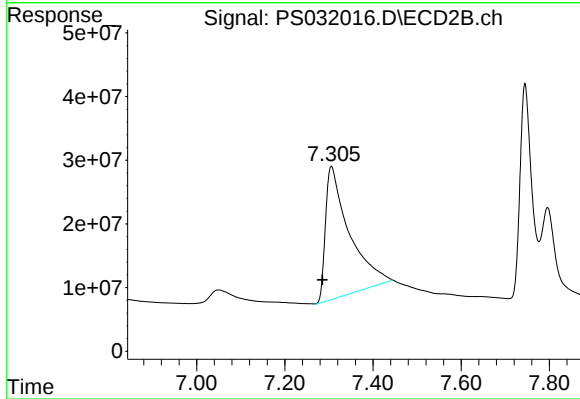
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.009 min
Response: 786660258
Conc: 589.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170090BS

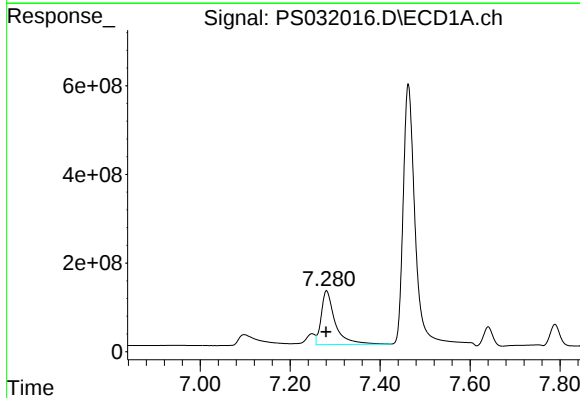
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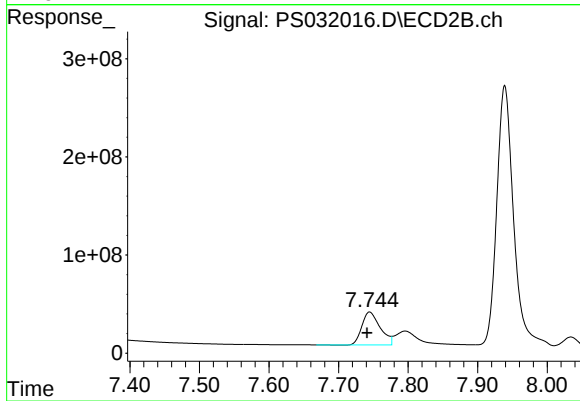
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.020 min
Response: 778585397
Conc: 513.10 ng/ml m



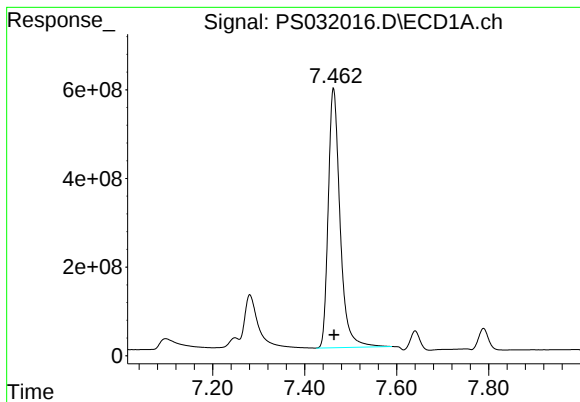
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: 0.001 min
Response: 2591383133
Conc: 543.60 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 609447530
Conc: 553.87 ng/ml



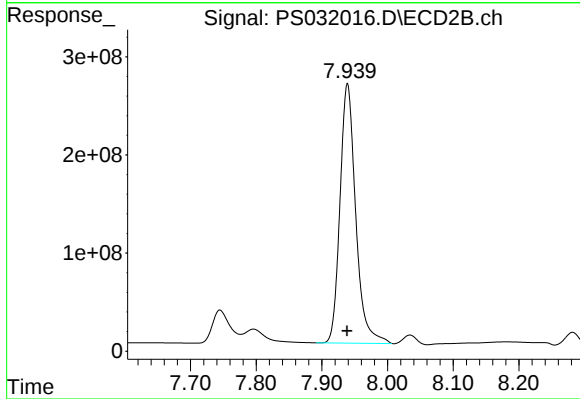
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 10430338978
Conc: 498.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170090BS

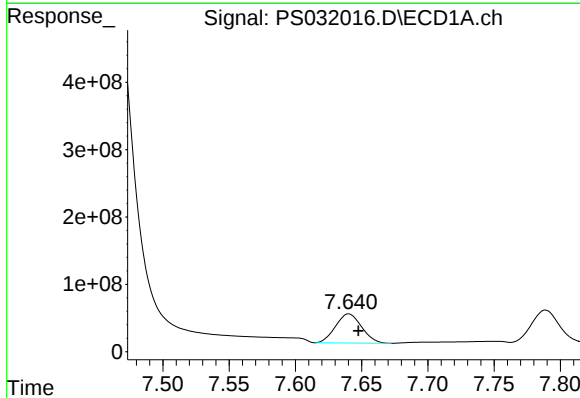
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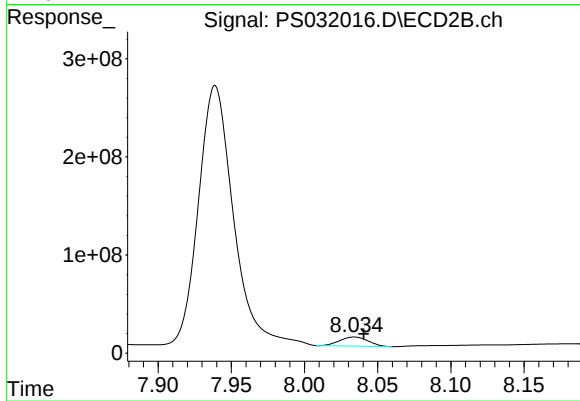
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4398542954
Conc: 507.86 ng/ml



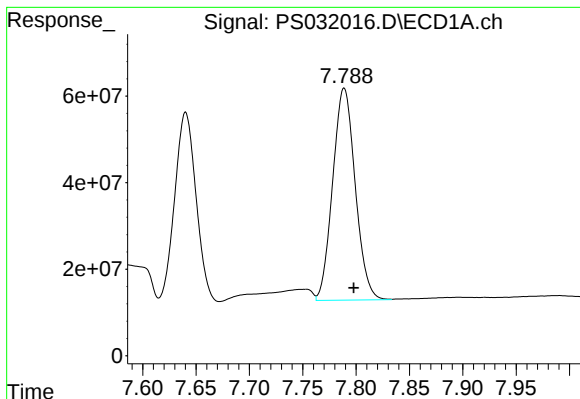
#6 MCP

R.T.: 7.640 min
Delta R.T.: -0.007 min
Response: 591044012
Conc: 48.33 ug/ml



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 123780999
Conc: 49.87 ug/ml



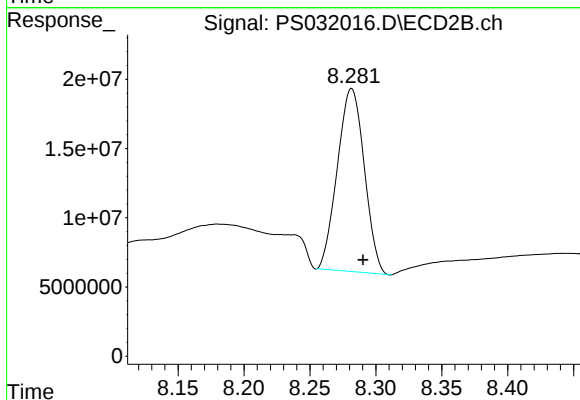
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.009 min
Response: 720120811
Conc: 48.93 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170090BS

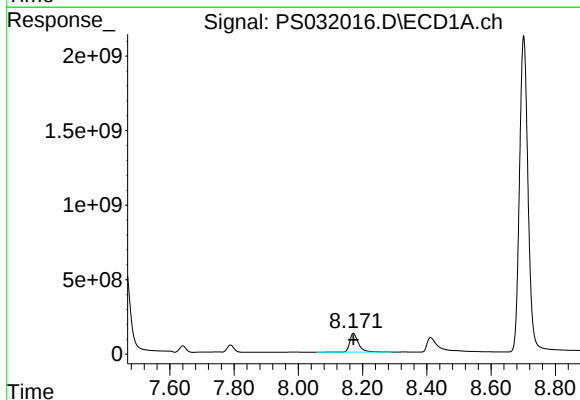
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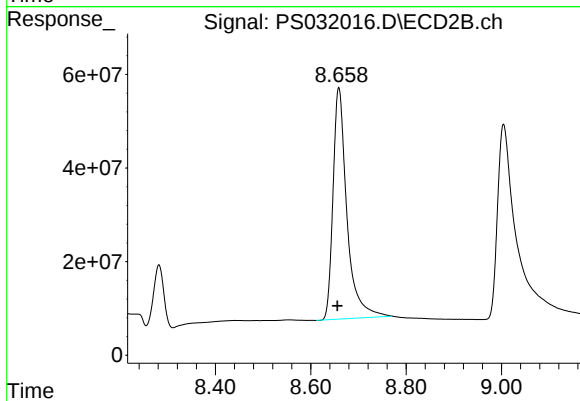
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.009 min
Response: 187844471
Conc: 49.80 ug/ml



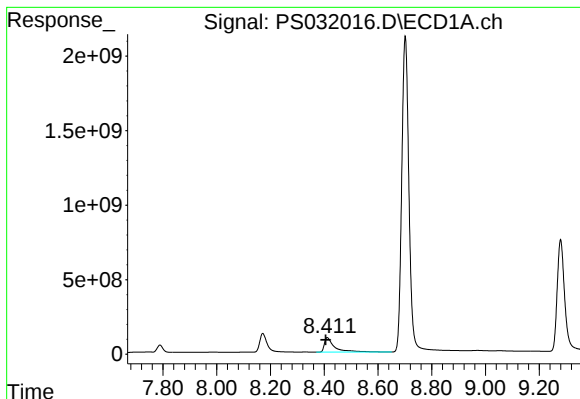
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 2358942084
Conc: 496.19 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 1000622291
Conc: 510.98 ng/ml



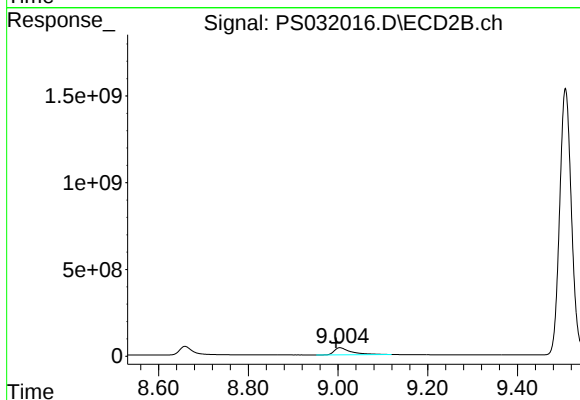
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.005 min
Response: 2551307065
Conc: 525.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170090BS

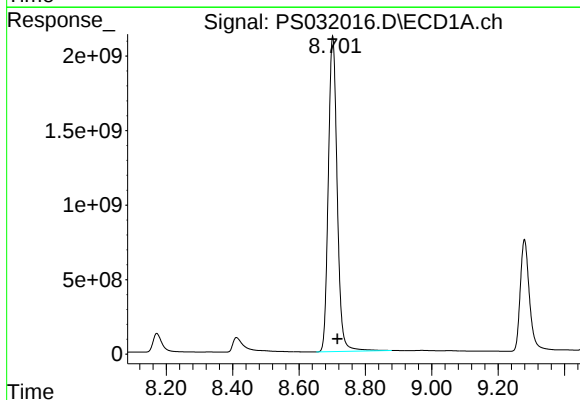
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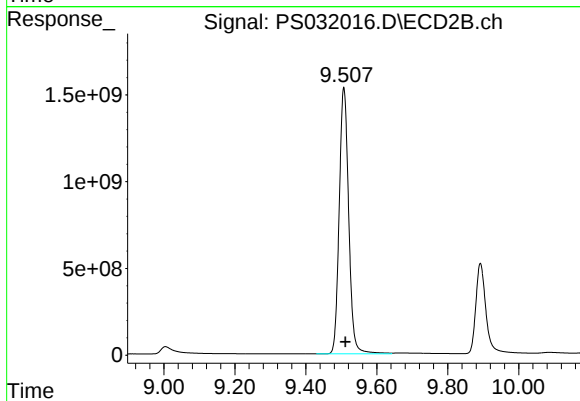
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.009 min
Response: 1067289875
Conc: 513.54 ng/ml



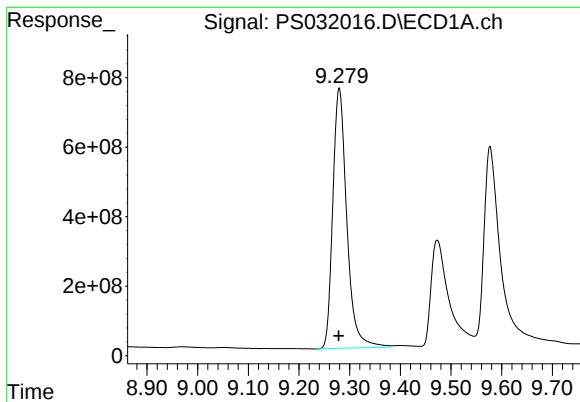
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.014 min
Response: 39216719099
Conc: 584.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 28415278823
Conc: 548.30 ng/ml



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

R.T.: 9.279 min
Delta R.T.: 0.001 min
Response: 14365906530
Conc: 508.67 ng/ml

Instrument :

ECD_S

ClientSampleId :

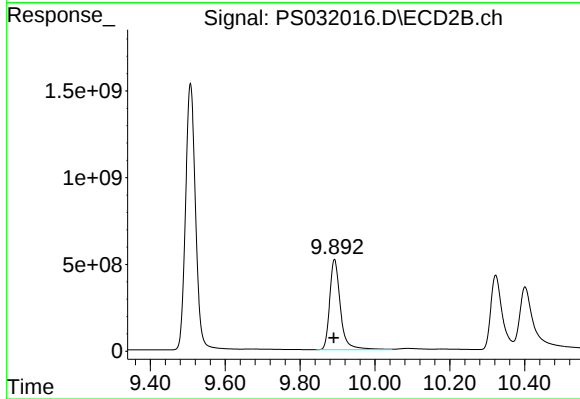
PB170090BS

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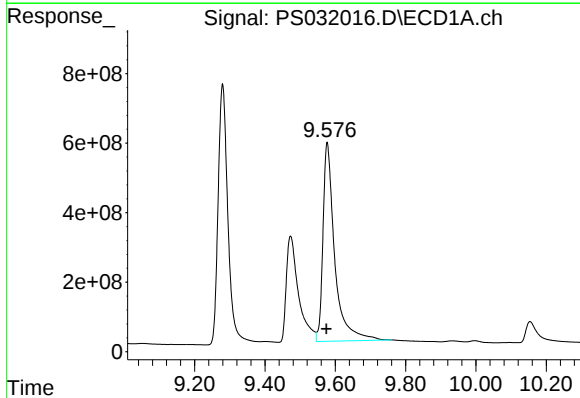
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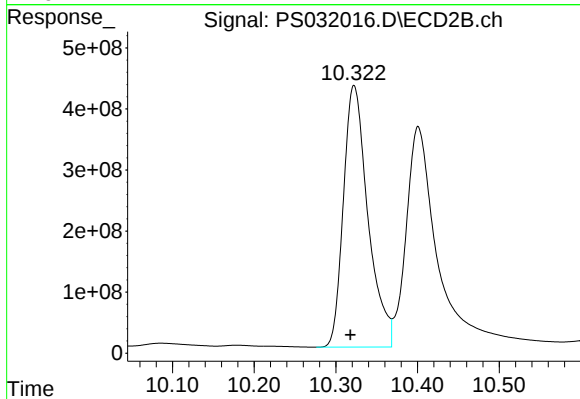
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.002 min
Response: 10362630178
Conc: 516.20 ng/ml



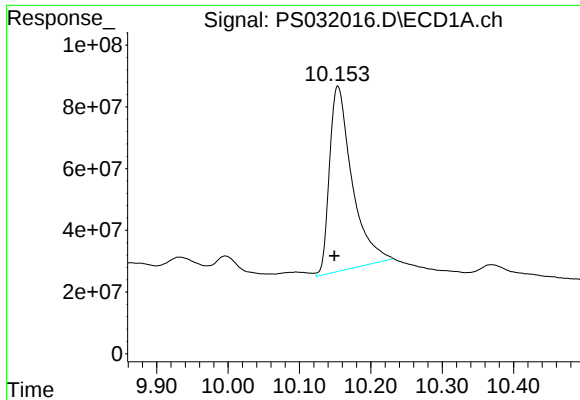
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: 0.002 min
Response: 13293070384
Conc: 526.58 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.004 min
Response: 8964307126
Conc: 522.86 ng/ml



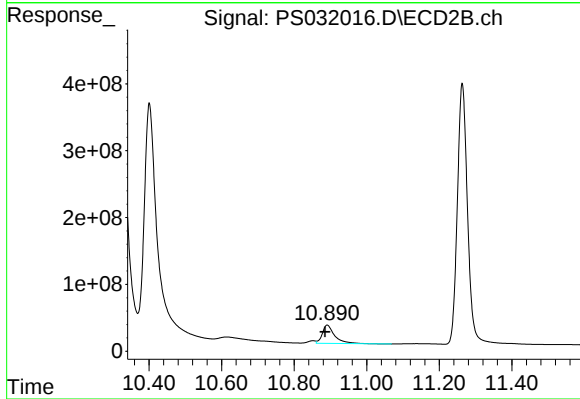
#13 2,4-DB

R.T.: 10.153 min
Delta R.T.: 0.004 min
Response: 1317160335
Conc: 424.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170090BS

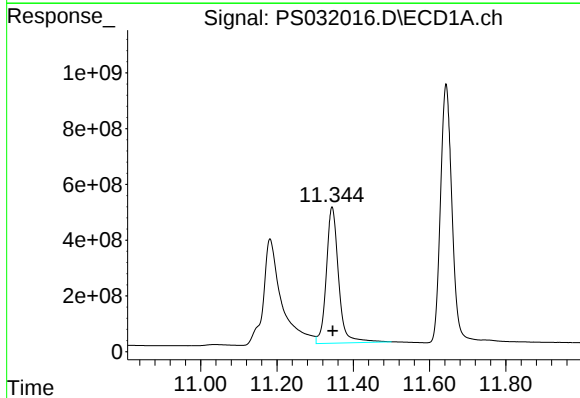
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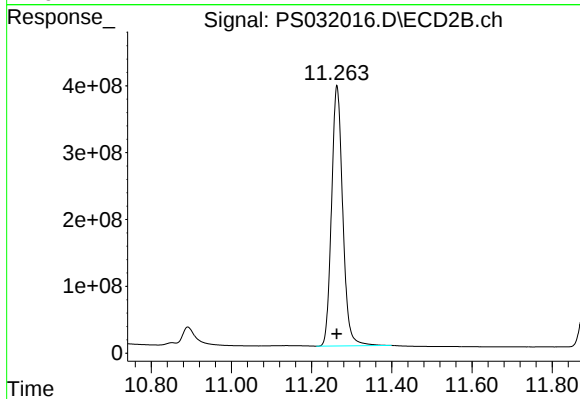
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.006 min
Response: 640996647
Conc: 496.09 ng/ml



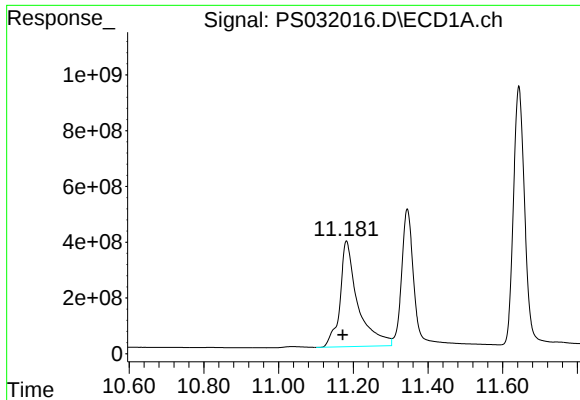
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: -0.001 min
Response: 10931844615
Conc: 490.20 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 7548982588
Conc: 496.54 ng/ml



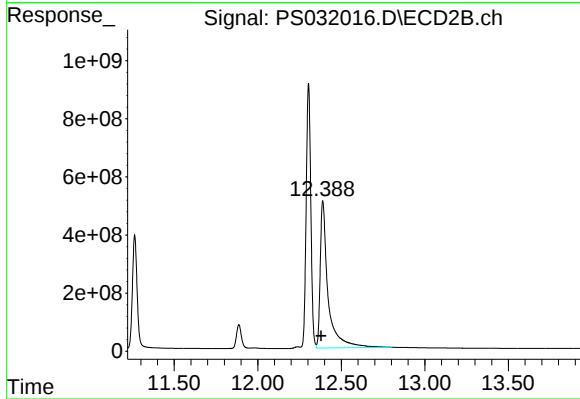
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.010 min
Response: 12549147138
Conc: 532.24 ng/ml

Instrument :
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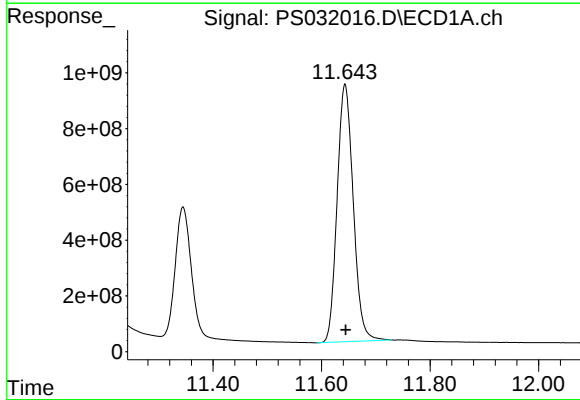
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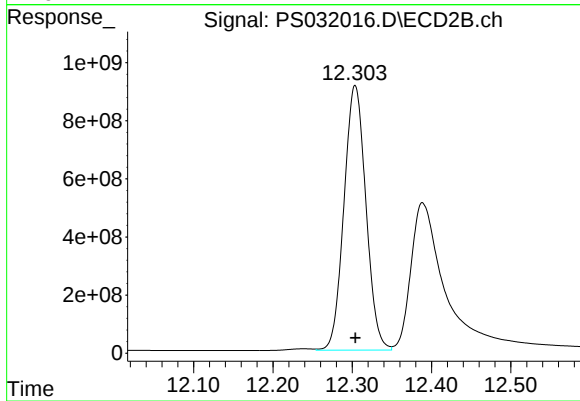
#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.010 min
Response: 16569986618
Conc: 497.72 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 19040107463
Conc: 518.24 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 17549347607
Conc: 528.41 ng/ml