

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 22:42
 Operator : AR\AJ
 Sample : PB170105BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170105BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:09:06 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	7.283	7.747	2708.2E6	608.6E6	568.105	553.105
Target Compounds							
1) T	Dalapon	2.660	2.686	3723.9E6	1936.3E6	481.905	515.219
2) T	3,5-DICHL...	6.451	6.700	3704.0E6	1116.0E6	526.216	535.034
3) T	4-Nitroph...	7.107	7.315f	724.0E6	785.4E6	542.471	517.608m
5) T	DICAMBA	7.464	7.940	11026.6E6	4570.8E6	526.523	527.749
6) T	MCPD	7.640	8.035	621.5E6	125.7E6	50.822	50.658
7) T	MCPA	7.789	8.282	766.8E6	197.7E6	52.105	52.404
8) T	DICHLORPROP	8.174	8.661	2474.8E6	1027.7E6	520.546	524.813
9) T	2,4-D	8.416	9.008	2348.8E6	1162.7E6	483.702m	559.462m
10) T	Pentachlo...	8.702	9.508	41470.2E6	30041.8E6	617.856	579.691
11) T	2,4,5-TP ...	9.281	9.895	15227.7E6	10910.3E6	539.185	543.479
12) T	2,4,5-T	9.582	10.326	13750.6E6	9103.4E6	544.701	530.974
13) T	2,4-DB	10.158	10.895	1252.4E6	669.5E6	403.966m	518.179m#
14) T	DINOSEB	11.346	11.265	12107.1E6	8290.5E6	542.898	545.318
15) T	Picloram	11.191	12.396	10018.0E6	15566.1E6	424.892m	467.562
16) T	DCPA	11.645	12.305	20063.7E6	18407.3E6	546.098	554.241

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

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Acq On : 15 Oct 2025 22:42
Operator : AR\AJ
Sample : PB170105BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

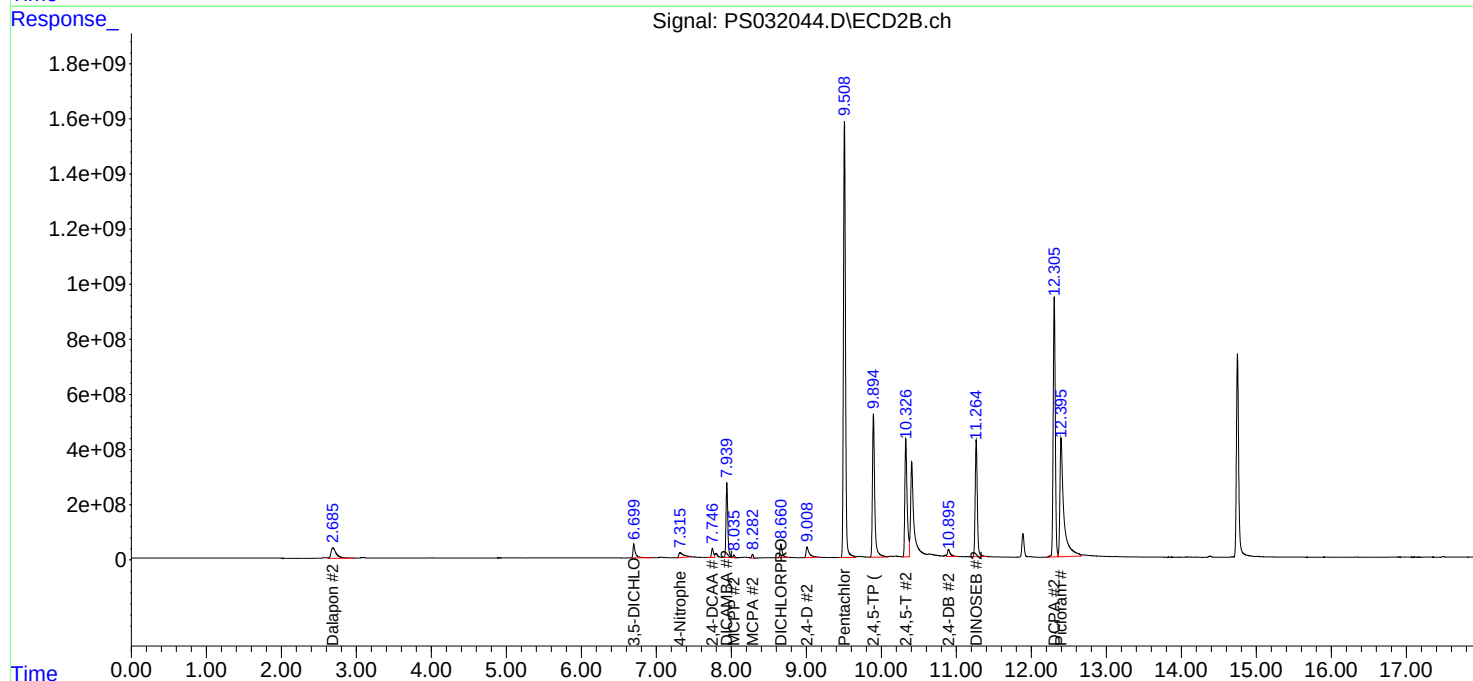
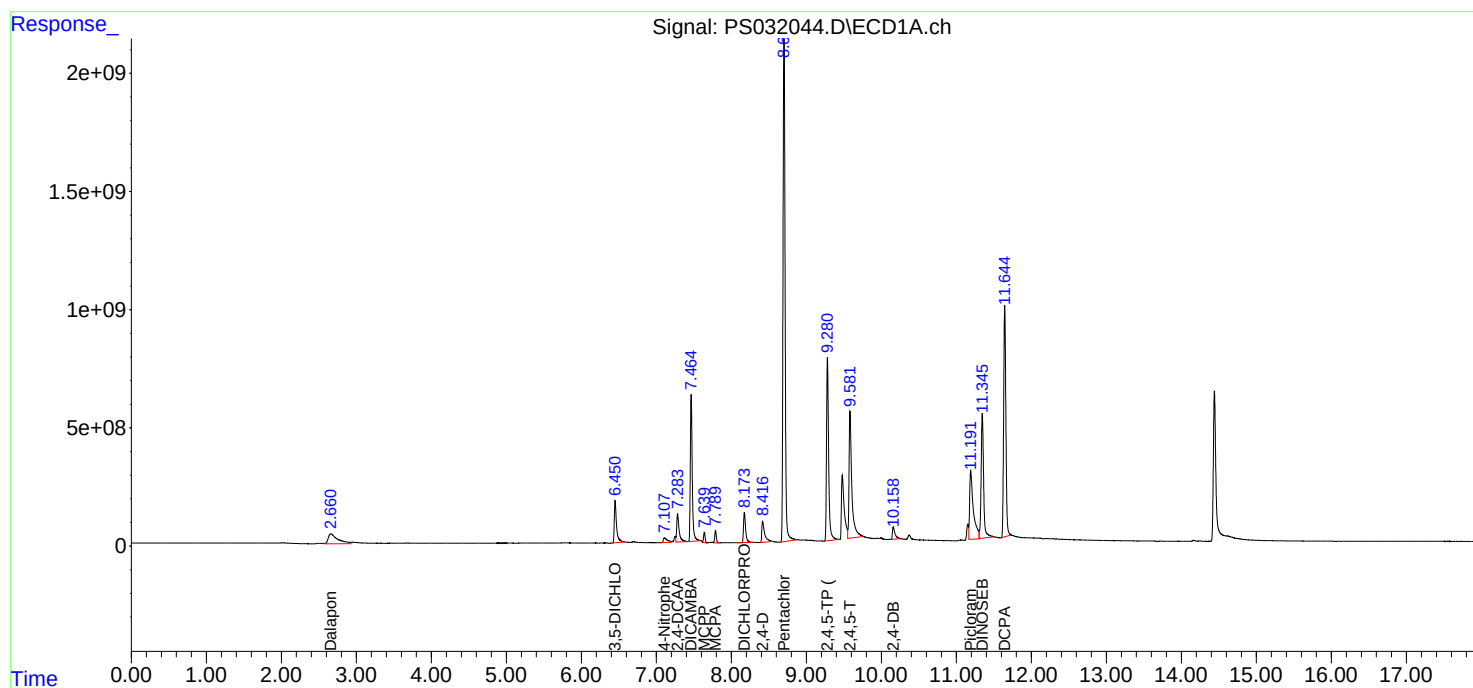
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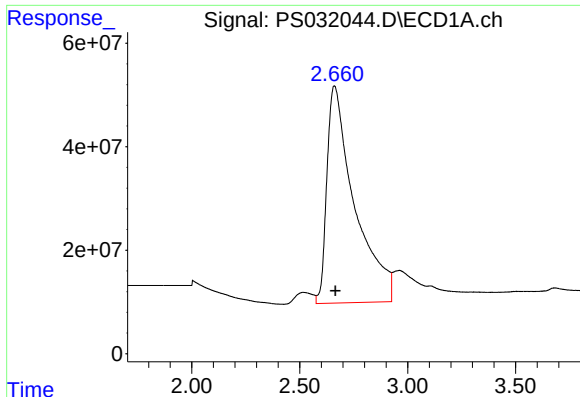
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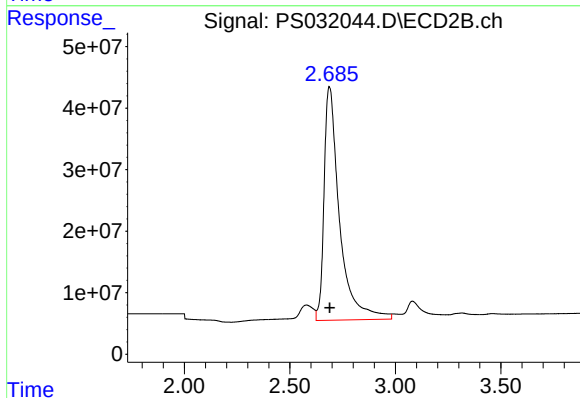
#1 Dalapon

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 3723932512
Conc: 481.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

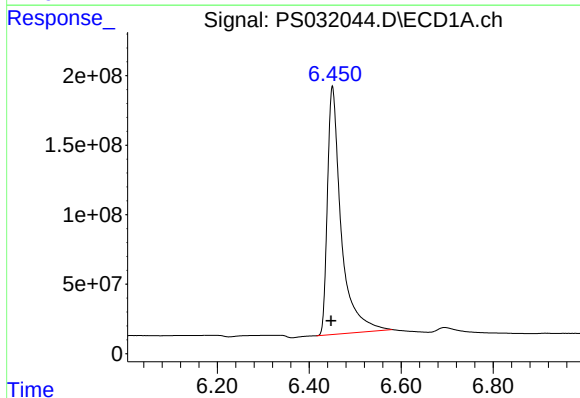
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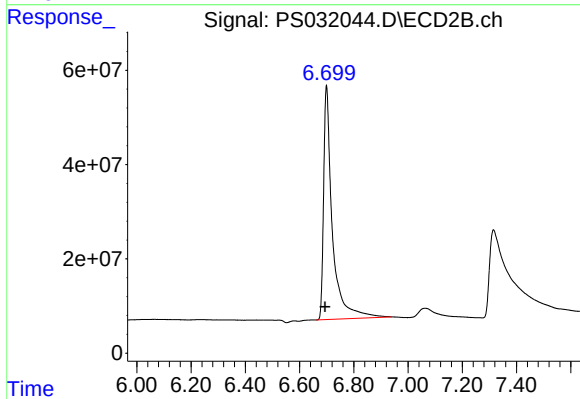
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 1936333833
Conc: 515.22 ng/ml



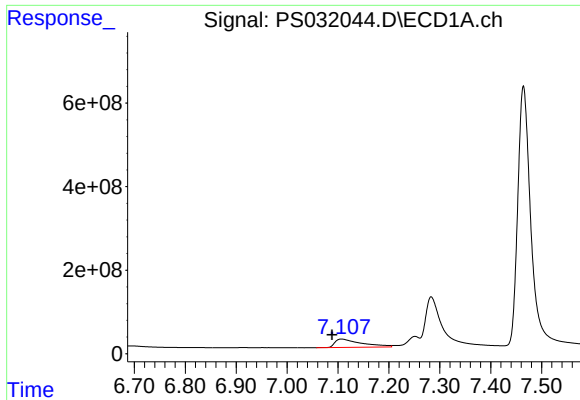
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 3703965507
Conc: 526.22 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.006 min
Response: 1116017327
Conc: 535.03 ng/ml



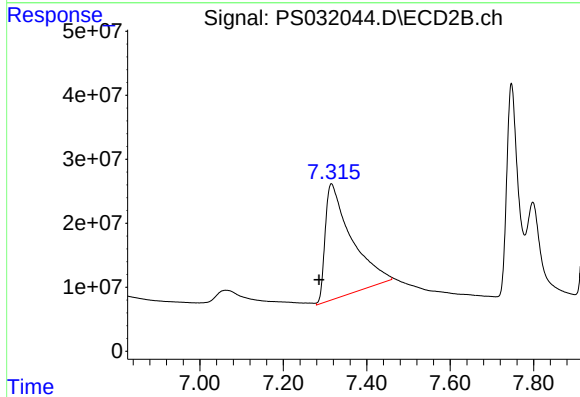
#3 4-Nitrophenol

R.T.: 7.107 min
Delta R.T.: 0.019 min
Response: 724027788
Conc: 542.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

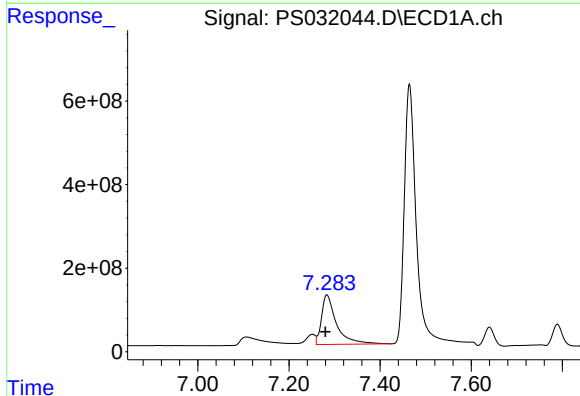
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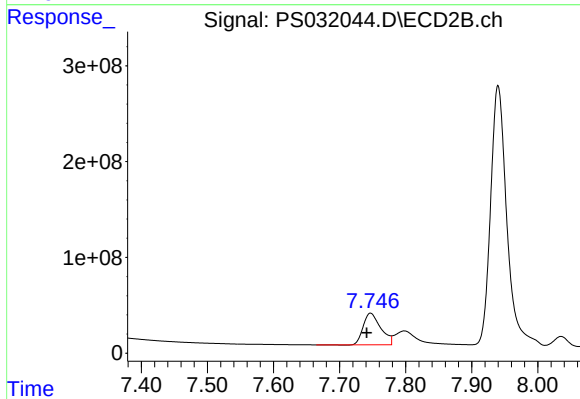
#3 4-Nitrophenol

R.T.: 7.315 min
Delta R.T.: 0.029 min
Response: 785424745
Conc: 517.61 ng/ml m



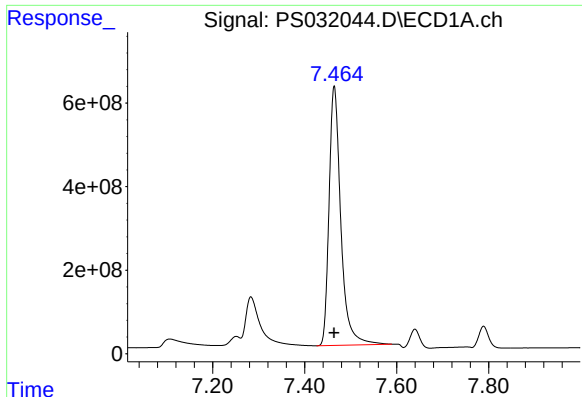
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.004 min
Response: 2708175975
Conc: 568.10 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.006 min
Response: 608603539
Conc: 553.10 ng/ml



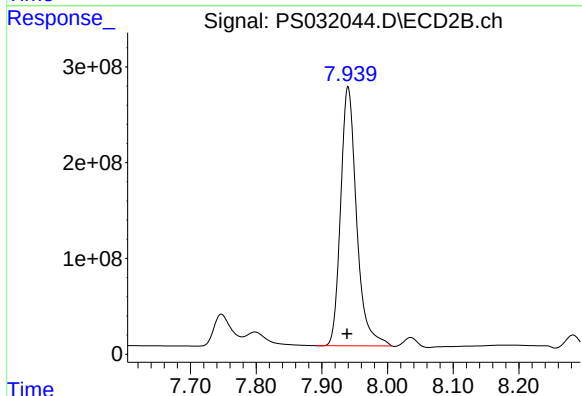
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 11026631608
Conc: 526.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

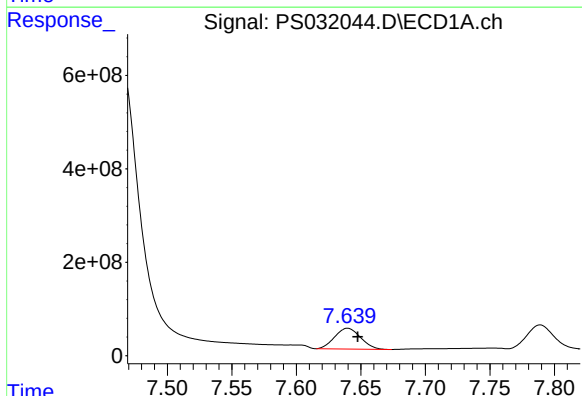
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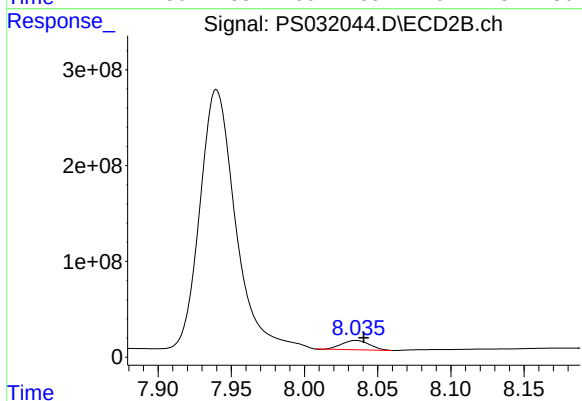
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 4570777570
Conc: 527.75 ng/ml



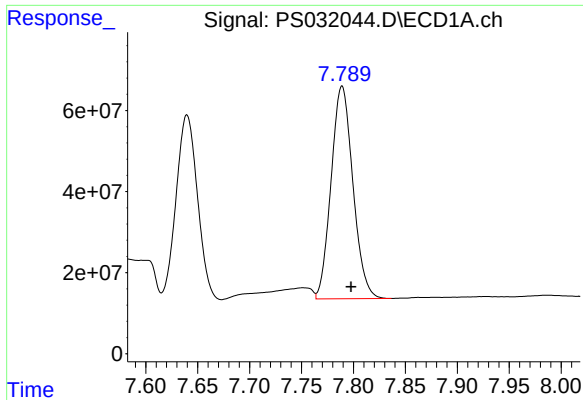
#6 MCP

R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 621471177
Conc: 50.82 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 125746999
Conc: 50.66 ug/ml



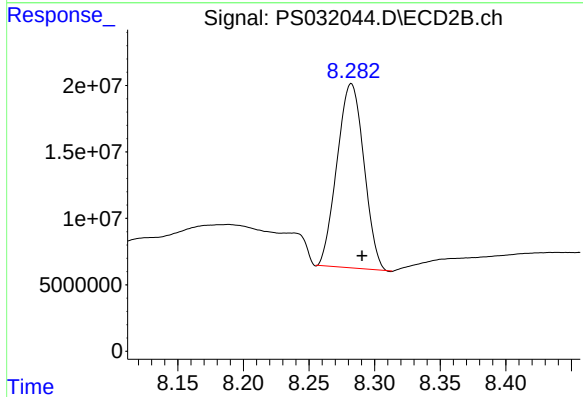
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.009 min
Response: 766787118
Conc: 52.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

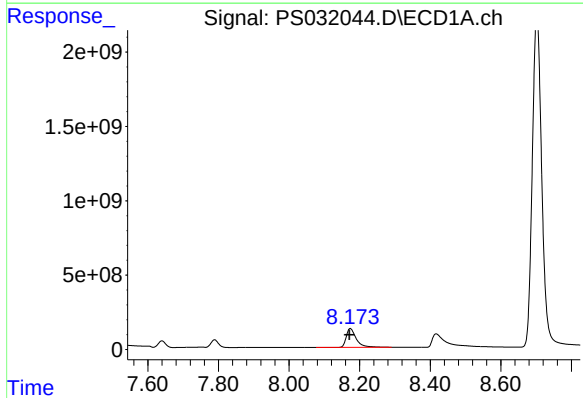
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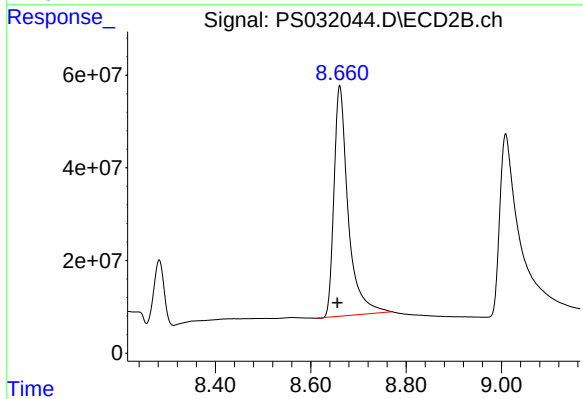
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 197686083
Conc: 52.40 ug/ml



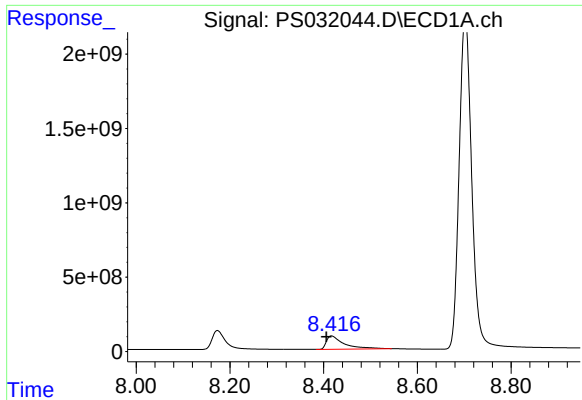
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.003 min
Response: 2474752784
Conc: 520.55 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 1027721172
Conc: 524.81 ng/ml



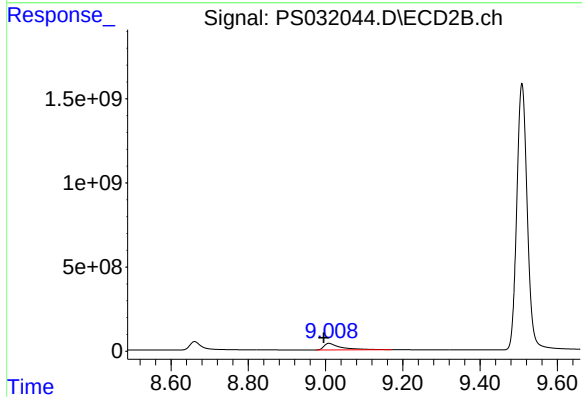
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.010 min
Response: 2348796985
Conc: 483.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

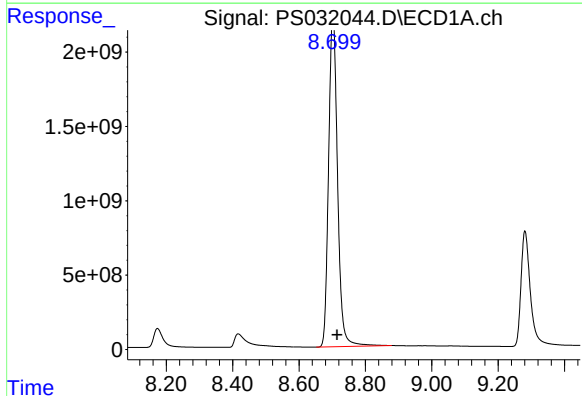
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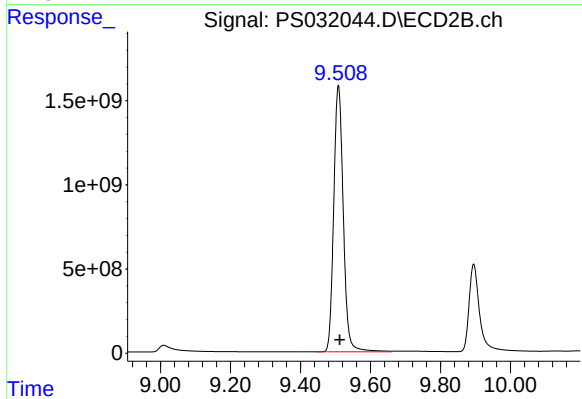
#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.013 min
Response: 1162727680
Conc: 559.46 ng/ml m



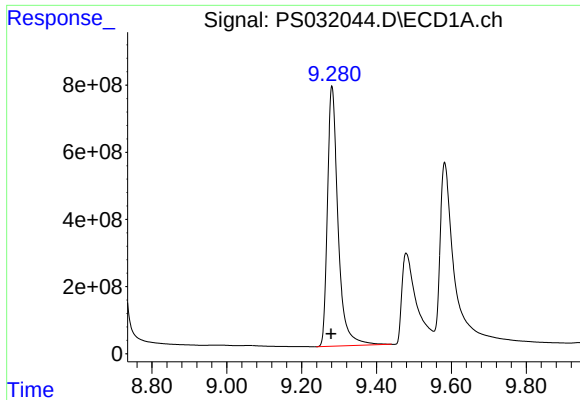
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.013 min
Response: 41470198870
Conc: 617.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 30041807522
Conc: 579.69 ng/ml



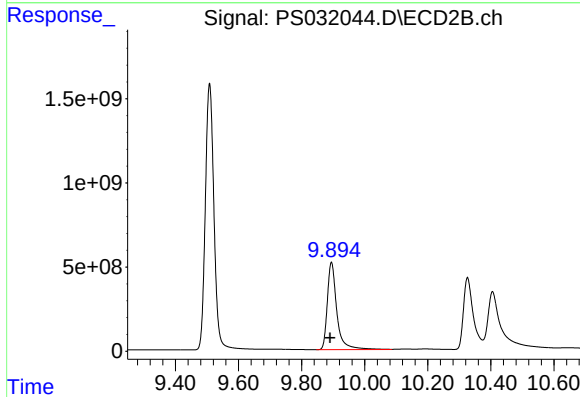
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: 0.003 min
Response: 15227673881
Conc: 539.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

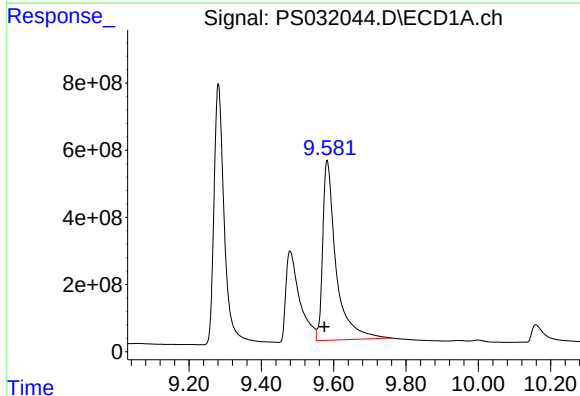
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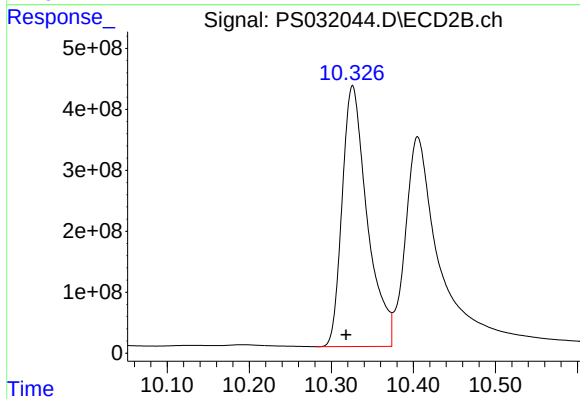
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.005 min
Response: 10910259675
Conc: 543.48 ng/ml



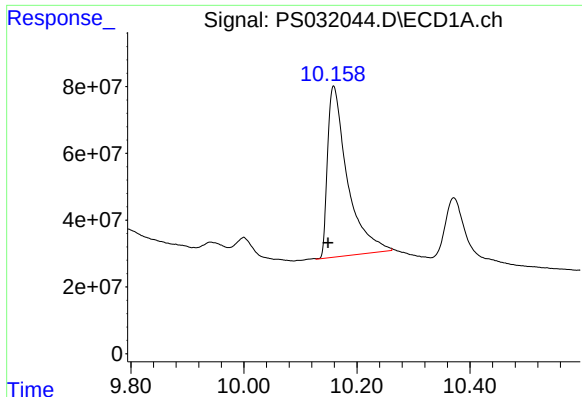
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.008 min
Response: 13750573480
Conc: 544.70 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 9103371611
Conc: 530.97 ng/ml



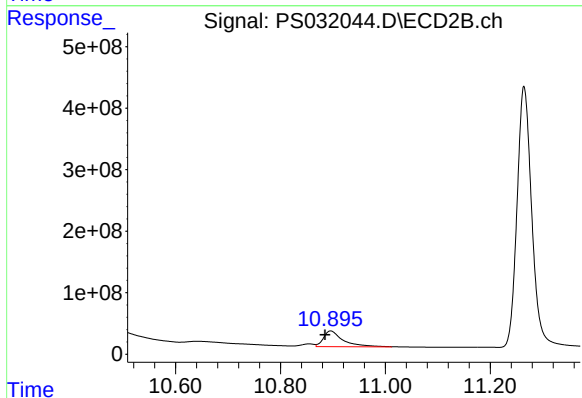
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.009 min
Response: 1252423781
Conc: 403.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170105BS

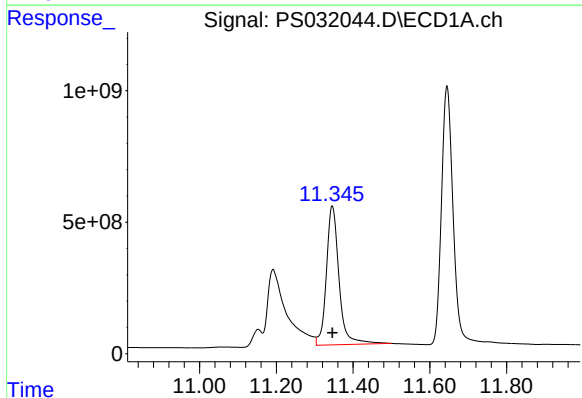
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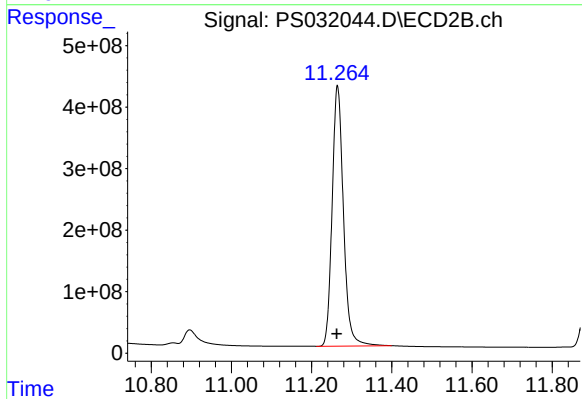
#13 2,4-DB

R.T.: 10.895 min
Delta R.T.: 0.010 min
Response: 669534728
Conc: 518.18 ng/ml m



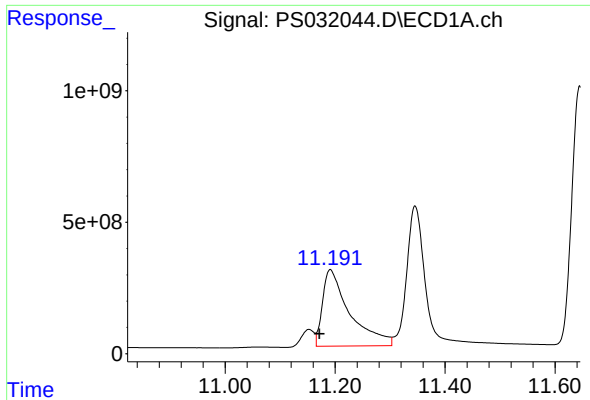
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 12107092342
Conc: 542.90 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 8290504768
Conc: 545.32 ng/ml



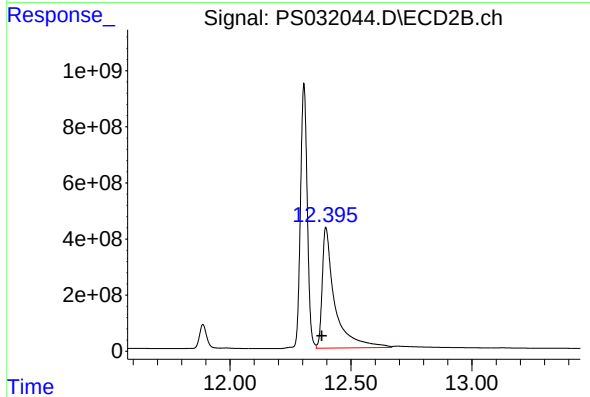
#15 Picloram

R.T.: 11.191 min
Delta R.T.: 0.019 min
Response: 10018044761
Conc: 424.89 ng/ml

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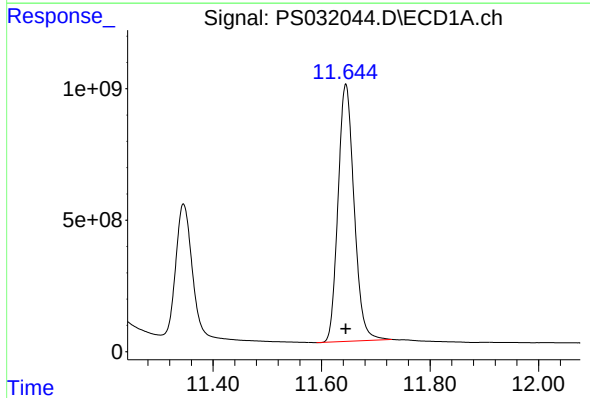
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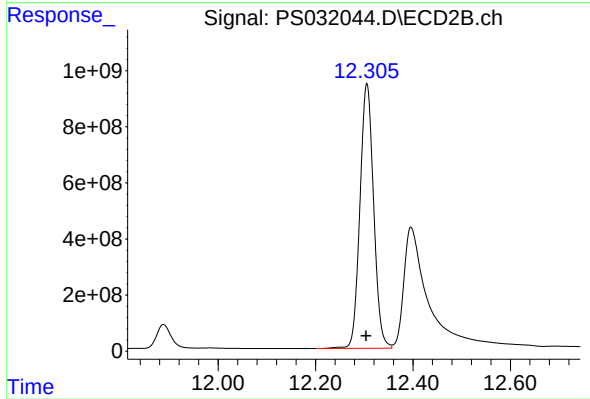
#15 Picloram

R.T.: 12.396 min
Delta R.T.: 0.017 min
Response: 15566094632
Conc: 467.56 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 20063748167
Conc: 546.10 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.002 min
Response: 18407262489
Conc: 554.24 ng/ml