

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS093025\
 Data File : PS031883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 17:16
 Operator : AR\AJ
 Sample : PB169855BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169855BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:20:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.740	1936.0E6	480.2E6	537.559m	528.279
Target Compounds							
1) T	Dalapon	2.670	2.685	2823.6E6	1363.2E6	488.443	483.795
2) T	3,5-DICHL...	6.451	6.691	2860.9E6	784.4E6	536.425	514.385m
3) T	4-Nitroph...	7.097	7.297	627.5E6	526.2E6	568.830	416.728 #
5) T	DICAMBA	7.467	7.935	8312.6E6	3339.4E6	532.971	513.219
6) T	MCPD	7.645	8.031	471.6E6	85332445	52.754	45.308
7) T	MCPA	7.794	8.278	575.1E6	115.5E6	51.767	41.225
8) T	DICHLORPROP	8.176	8.655	1944.2E6	779.2E6	545.860	535.481
9) T	2,4-D	8.413	8.998	1766.6E6	831.4E6	515.693m	505.357
10) T	Pentachlo...	8.706	9.504	32623.0E6	22045.8E6	614.441	555.443
11) T	2,4,5-TP ...	9.285	9.890	11629.9E6	7829.7E6	554.498	520.095
12) T	2,4,5-T	9.582	10.320	10496.1E6	6840.5E6	573.613	508.322
13) T	2,4-DB	10.158	10.888	1214.4E6	496.1E6	520.597m	463.652m
14) T	DINOSEB	11.353	11.263	8612.1E6	5617.7E6	597.120	577.908
15) T	Picloram	11.184	12.386	9627.7E6	11480.9E6	534.545	484.768
16) T	DCPA	11.653	12.304	15687.0E6	12979.7E6	582.080	538.485

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

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Operator : AR\AJ
Sample : PB169855BS
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ALS Vial : 4 Sample Multiplier: 1

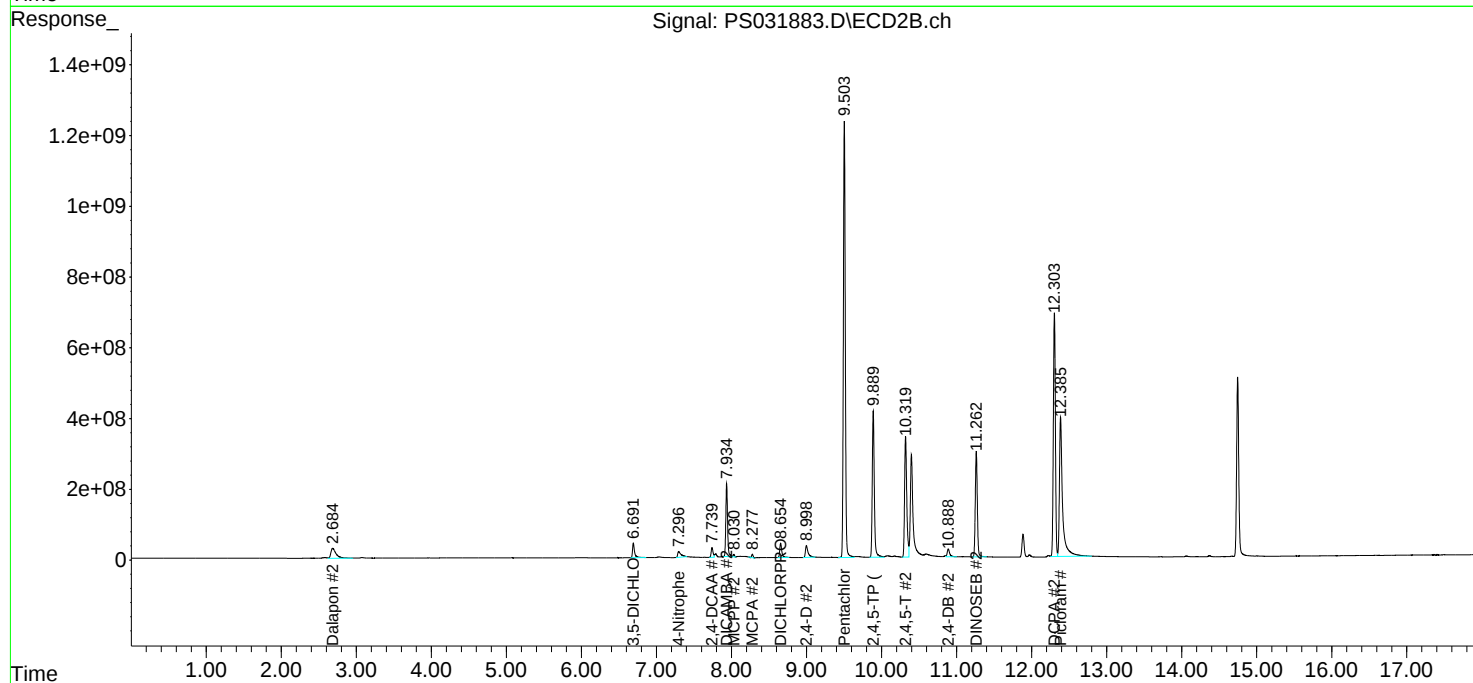
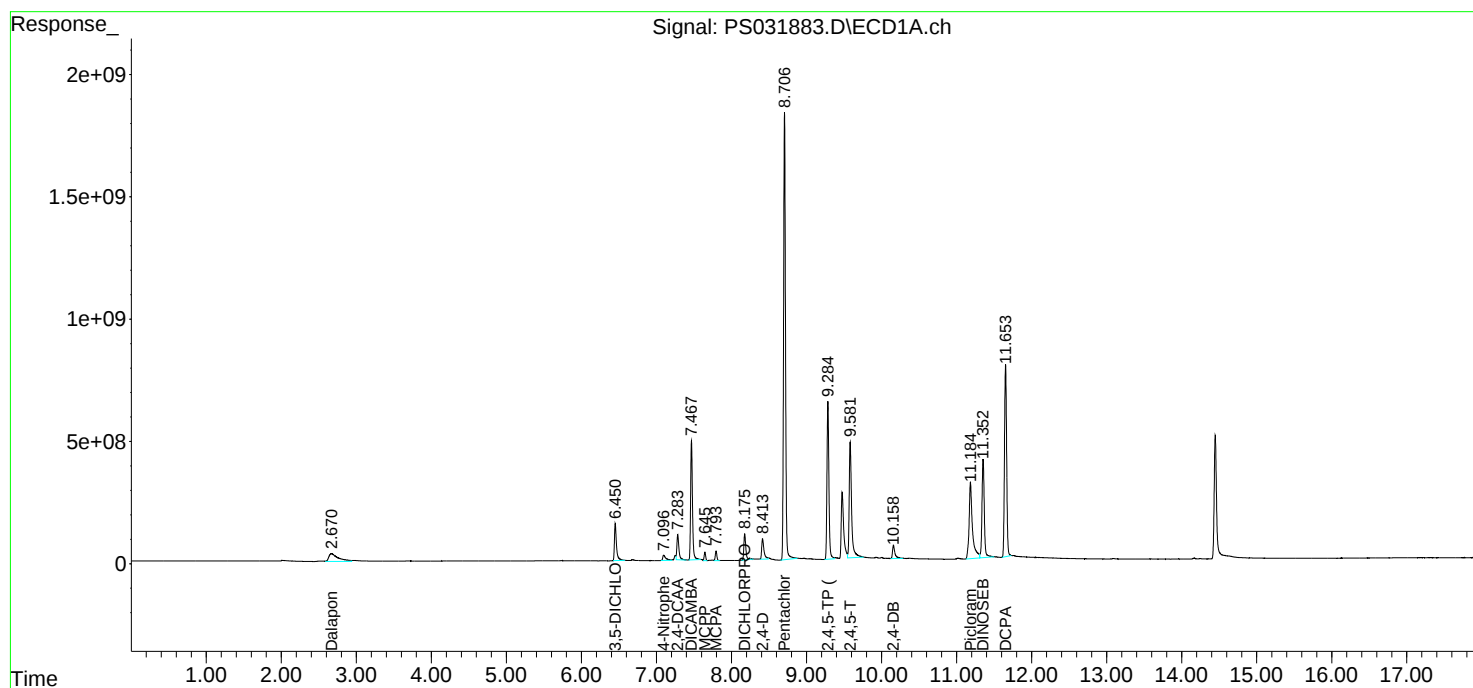
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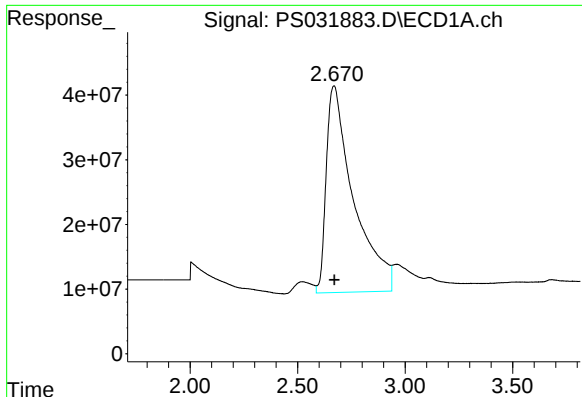
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.001 min
Response: 2823565668
Conc: 488.44 ng/ml

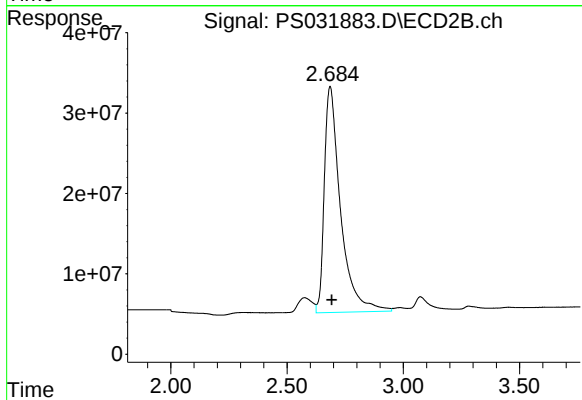
Instrument :

ECD_S

ClientSampleId :
PB169855BS

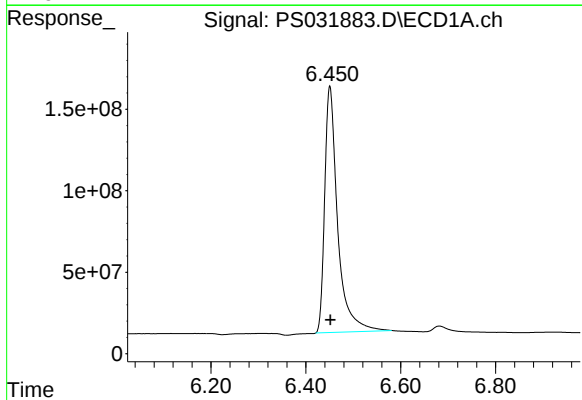
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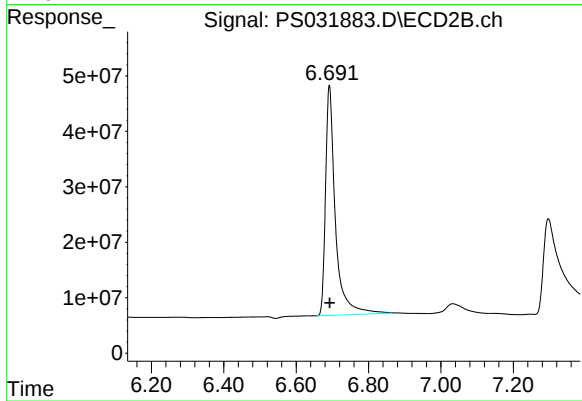
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.007 min
Response: 1363153738
Conc: 483.79 ng/ml



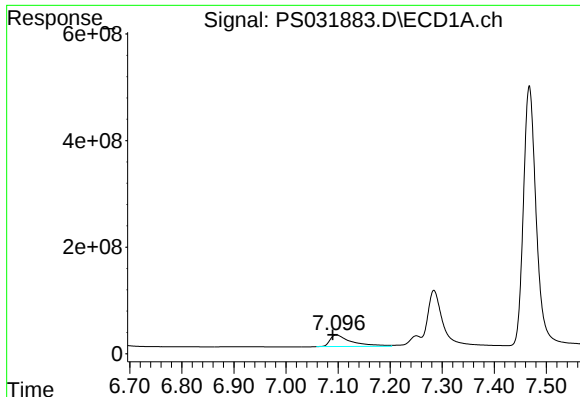
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 2860948783
Conc: 536.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 784418822
Conc: 514.38 ng/ml m



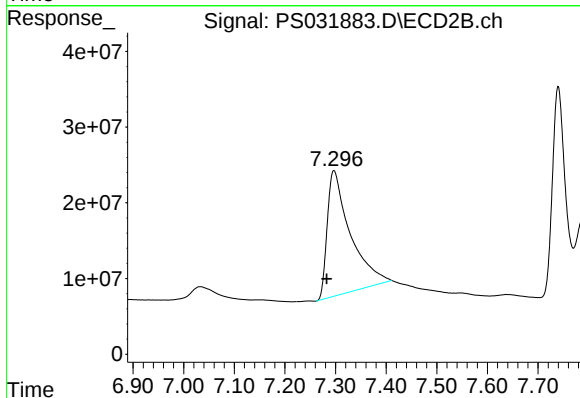
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.007 min
Response: 627538349
Conc: 568.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

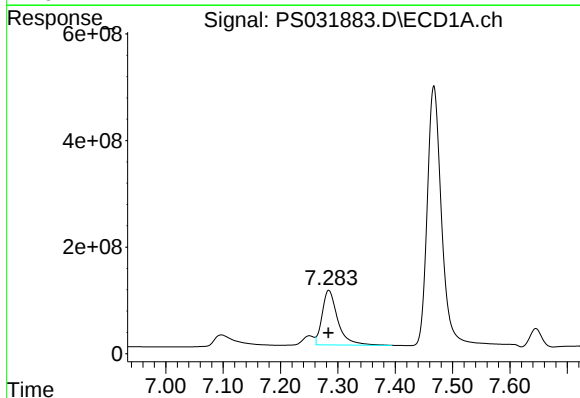
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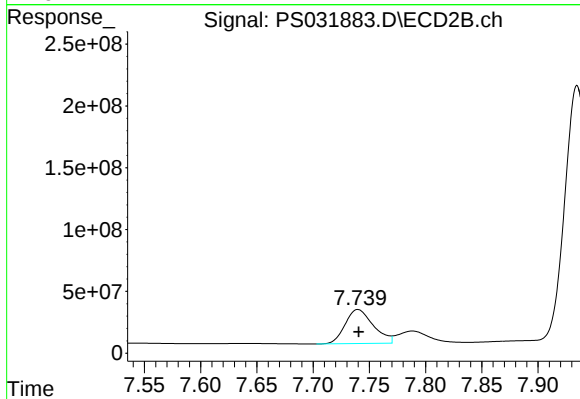
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: 0.014 min
Response: 526238559
Conc: 416.73 ng/ml



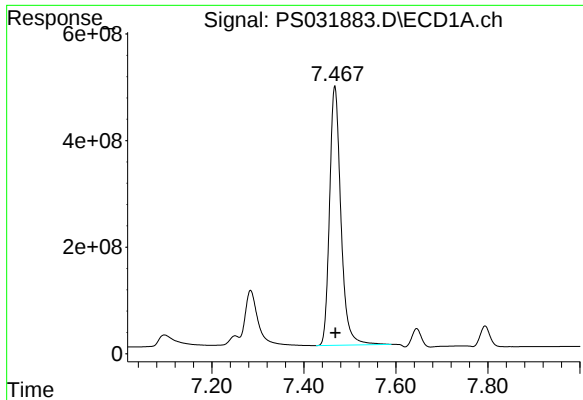
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 1936032369
Conc: 537.56 ng/ml m



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 480152506
Conc: 528.28 ng/ml



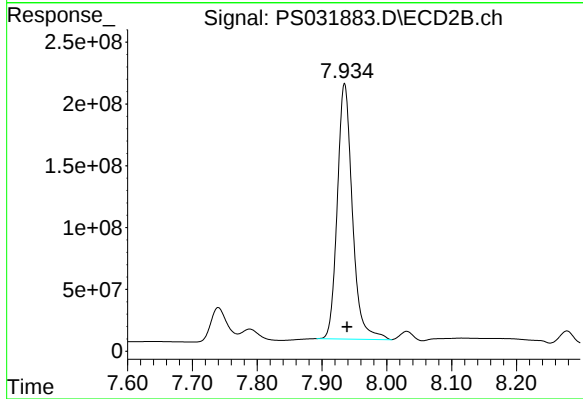
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.001 min
Response: 8312594694
Conc: 532.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

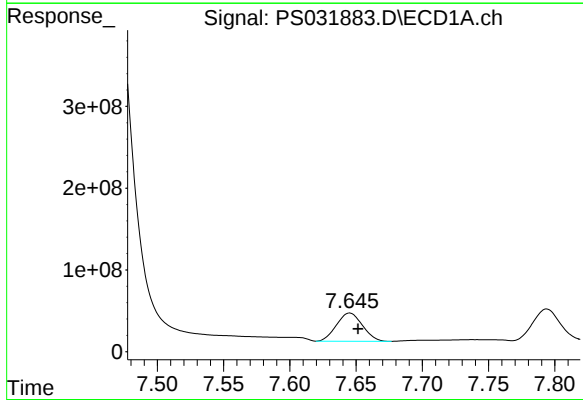
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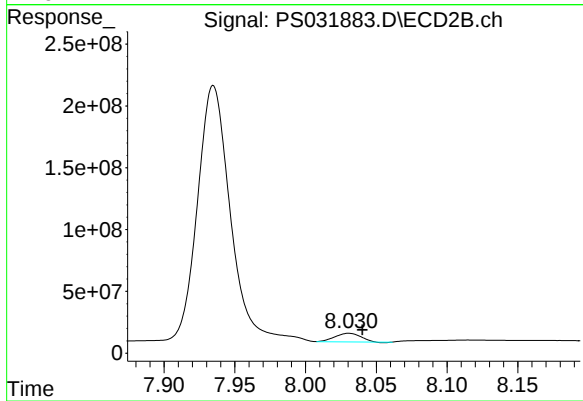
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 3339439738
Conc: 513.22 ng/ml



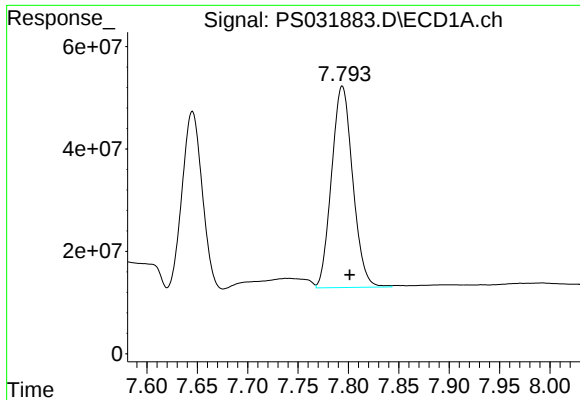
#6 MCP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 471580960
Conc: 52.75 ug/ml



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.010 min
Response: 85332445
Conc: 45.31 ug/ml



#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.008 min
Response: 575149076
Conc: 51.77 ug/ml

Instrument :

ECD_S

ClientSampleId :

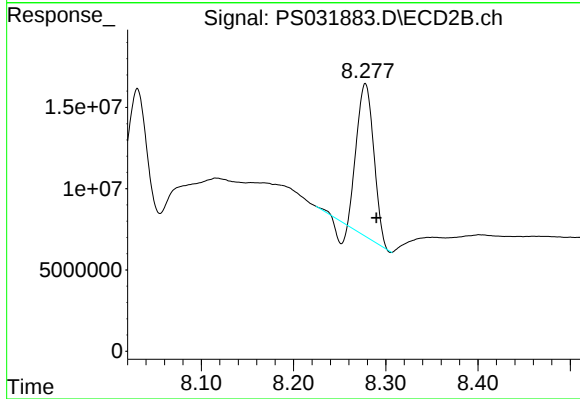
PB169855BS

Manual Integrations

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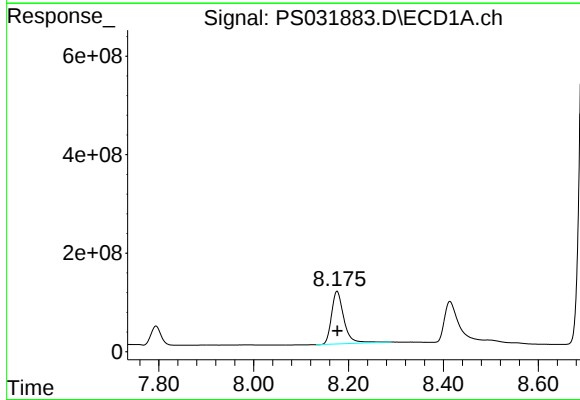
Reviewed By :Abdul Mirza 10/01/2025

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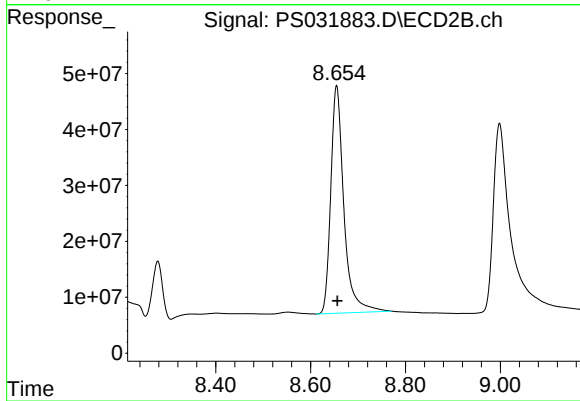
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 115479235
Conc: 41.22 ug/ml



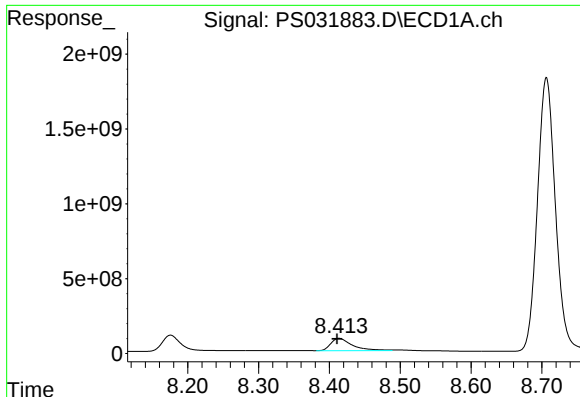
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1944223610
Conc: 545.86 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 779157486
Conc: 535.48 ng/ml



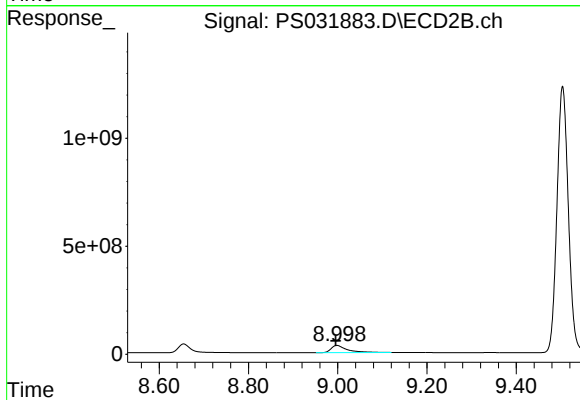
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 1766579947
Conc: 515.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

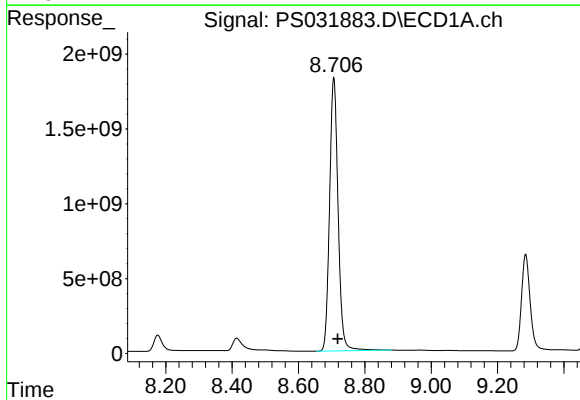
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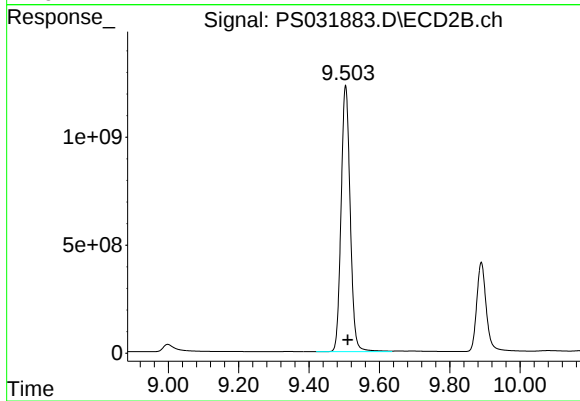
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.003 min
Response: 831368589
Conc: 505.36 ng/ml



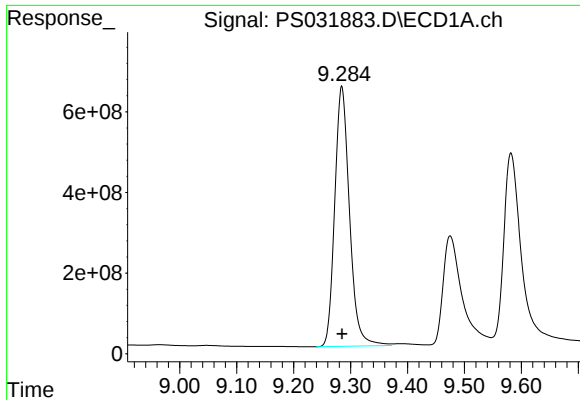
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.012 min
Response: 32623022060
Conc: 614.44 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 22045832423
Conc: 555.44 ng/ml



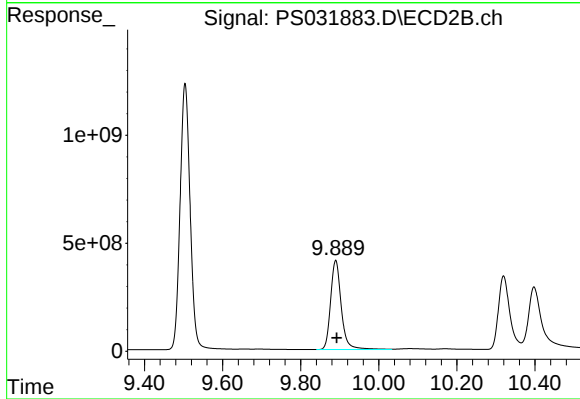
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 11629875984
Conc: 554.50 ng/ml

Instrument :
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ClientSampleId :
PB169855BS

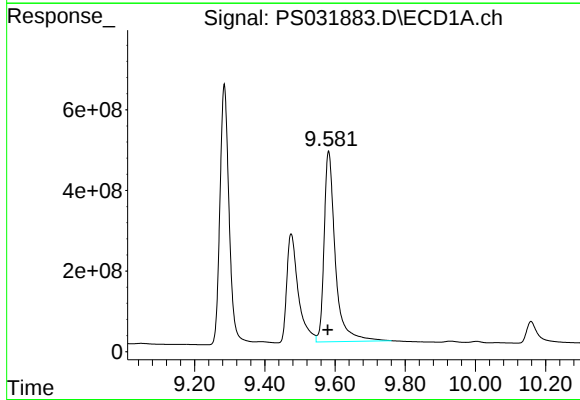
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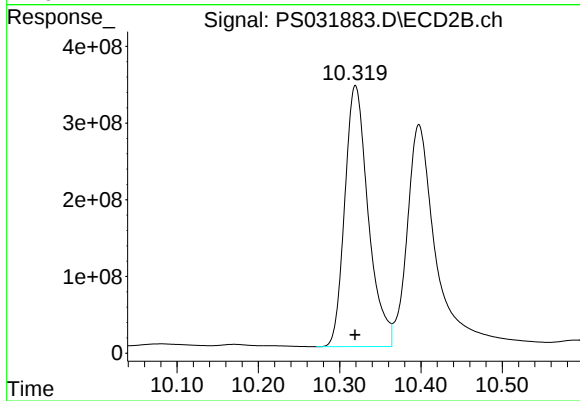
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.002 min
Response: 7829675165
Conc: 520.10 ng/ml



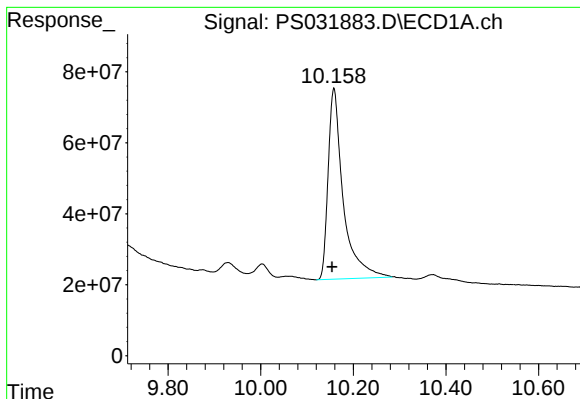
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.002 min
Response: 10496073492
Conc: 573.61 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.000 min
Response: 6840499039
Conc: 508.32 ng/ml



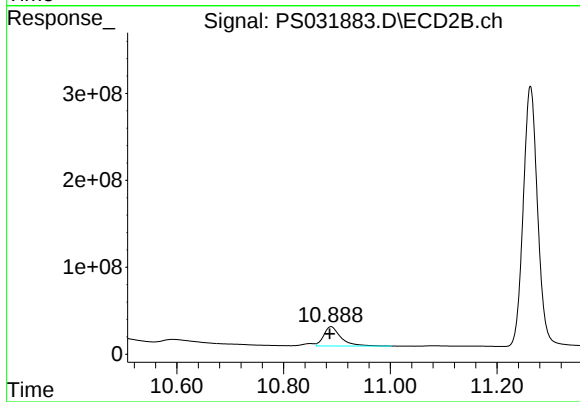
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.003 min
Response: 1214432099
Conc: 520.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

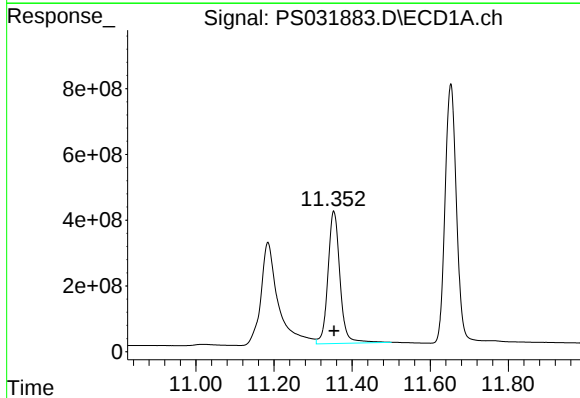
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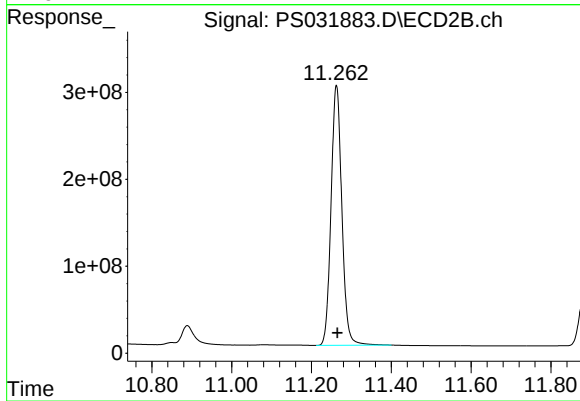
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 496128815
Conc: 463.65 ng/ml m



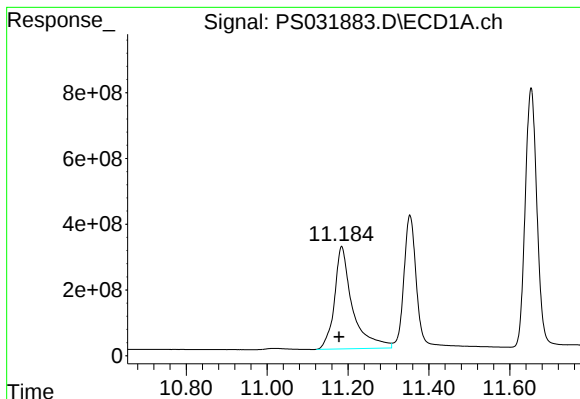
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 8612072487
Conc: 597.12 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: -0.003 min
Response: 5617663394
Conc: 577.91 ng/ml



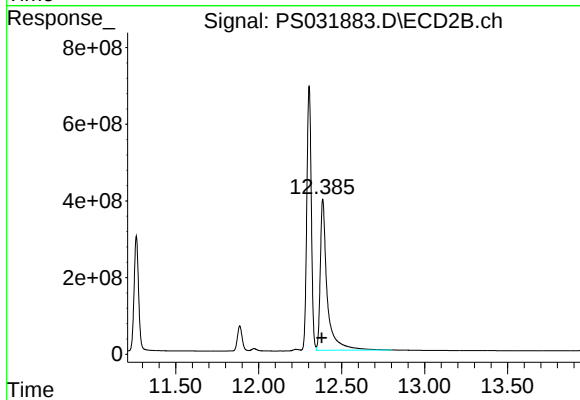
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.007 min
Response: 9627739817
Conc: 534.55 ng/ml

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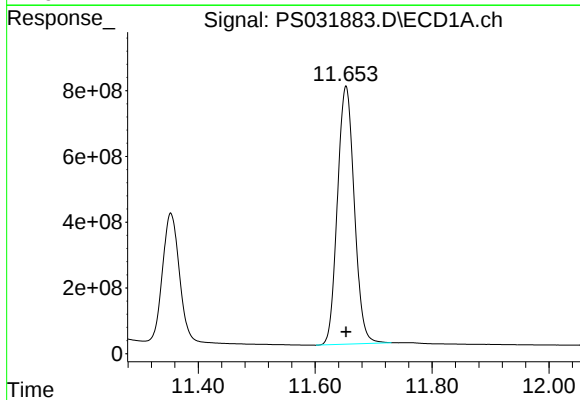
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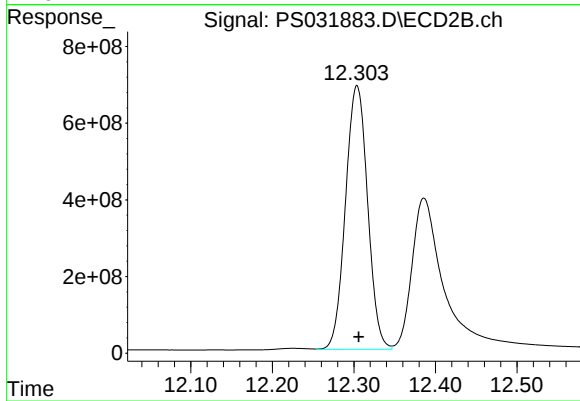
#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.006 min
Response: 11480876183
Conc: 484.77 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 15686981502
Conc: 582.08 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: -0.002 min
Response: 12979696749
Conc: 538.49 ng/ml