

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 12:44
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 13:49:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:49:21 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	7.285	7.741	3388.8E6	889.9E6	923.388	969.760
Target Compounds							
1) T	Dalapon	2.670	2.691	4981.4E6	2459.5E6	847.045	863.301
2) T	3,5-DICHL...	6.452	6.694	4672.8E6	1345.5E6	856.951	871.415
3) T	4-Nitroph...	7.092	7.286	1005.4E6	1167.2E6	928.206	957.071
5) T	DICAMBA	7.469	7.939	14111.0E6	5976.5E6	892.186	910.452
6) T	MCPD	7.648	8.037	899.8E6	191.4E6	104.238	102.208
7) T	MCPA	7.797	8.285	1079.8E6	272.1E6	99.405	98.971
8) T	DICHLORPROP	8.176	8.657	3138.0E6	1302.3E6	862.275	884.504
9) T	2,4-D	8.412	8.997	2976.9E6	1494.3E6	851.867	896.037
10) T	Pentachlo...	8.713	9.508	46784.3E6	37530.6E6	824.658	911.049
11) T	2,4,5-TP ...	9.285	9.892	18997.9E6	13825.1E6	887.198	902.578
12) T	2,4,5-T	9.580	10.320	17196.6E6	12650.1E6	932.820	930.744
13) T	2,4-DB	10.156	10.888	2250.6E6	966.0E6	977.632	887.633
14) T	DINOSEB	11.354	11.265	12980.2E6	9032.5E6	883.723	926.885
15) T	Picloram	11.180	12.382	17642.8E6	22800.5E6	992.954	964.513
16) T	DCPA	11.653	12.306	24572.8E6	22658.6E6	889.901	926.368m

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

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Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

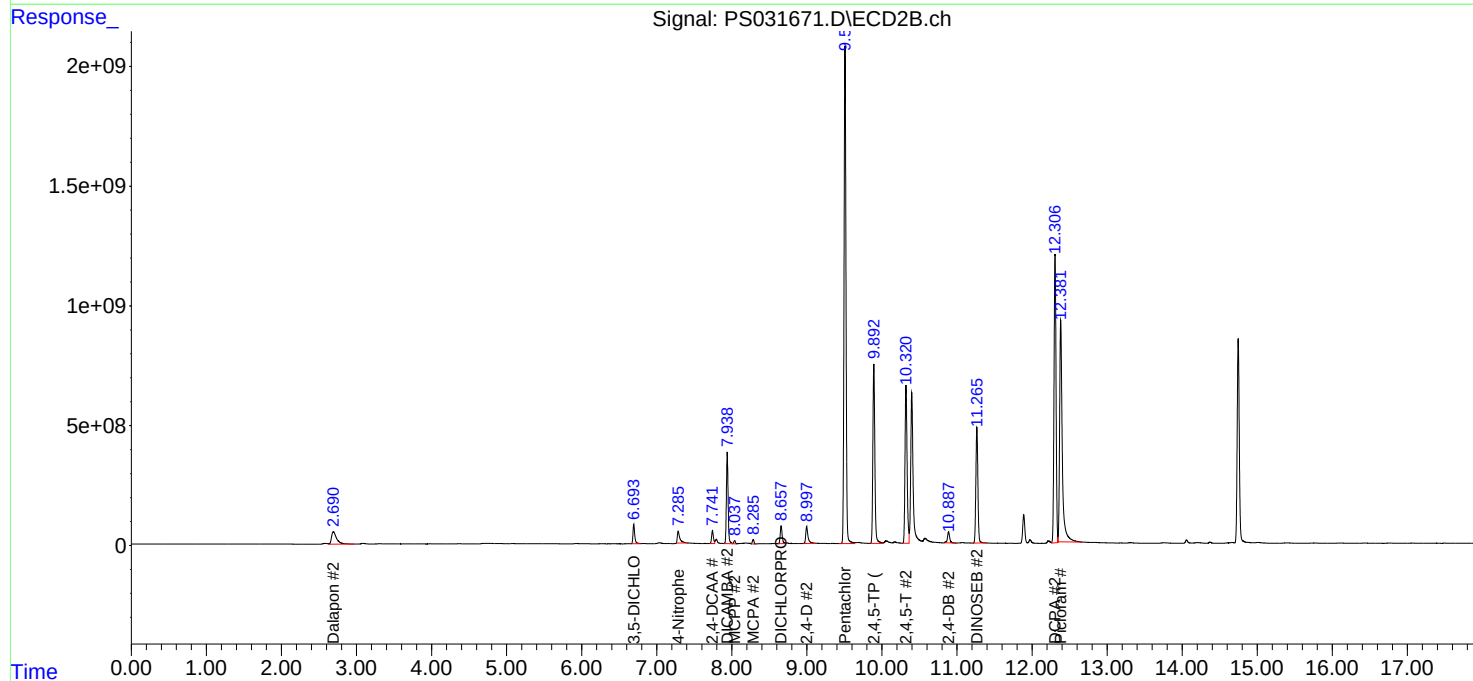
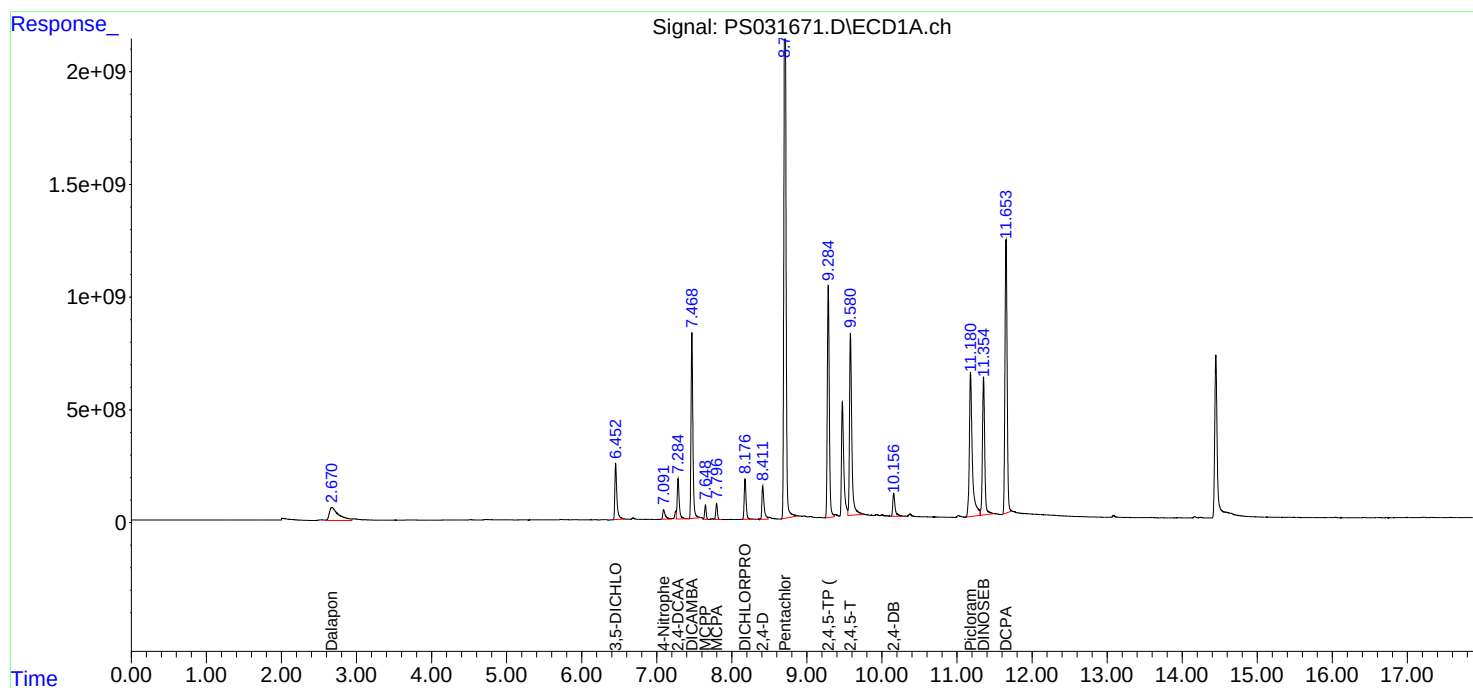
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

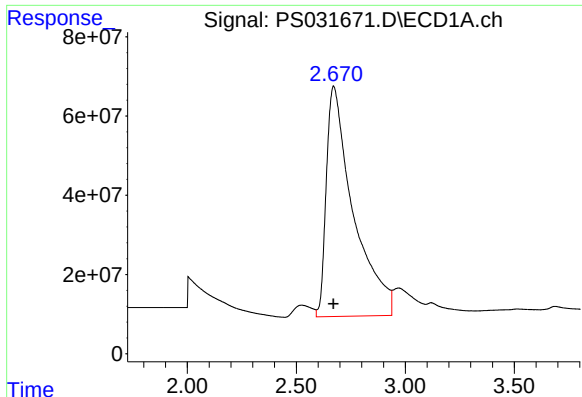
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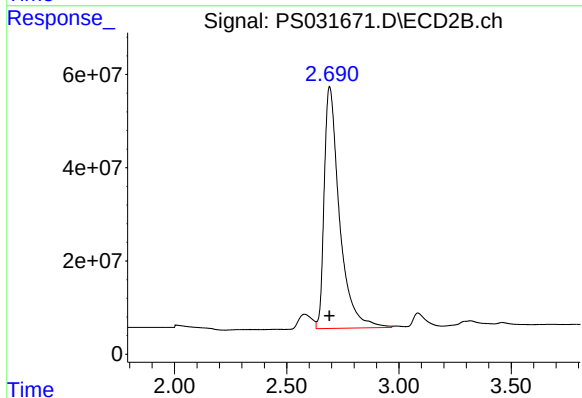
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: 0.000 min
Response: 4981444731
Conc: 847.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

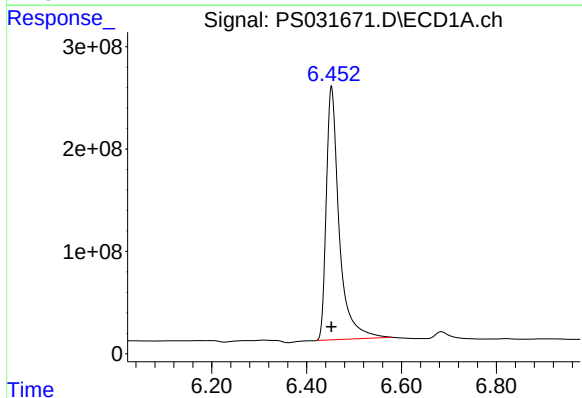
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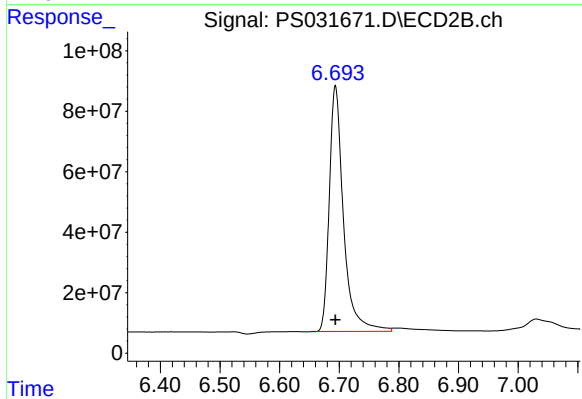
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 2459475076
Conc: 863.30 ng/ml



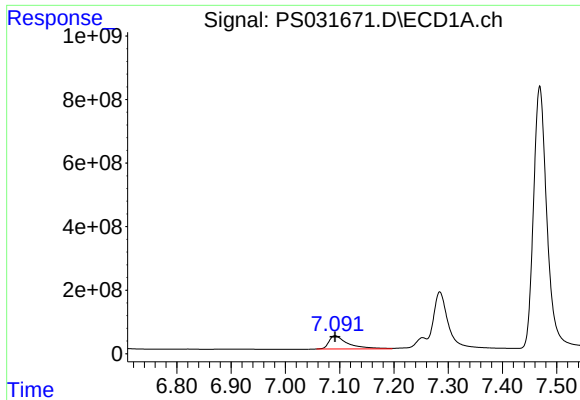
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 4672837083
Conc: 856.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 1345490363
Conc: 871.41 ng/ml



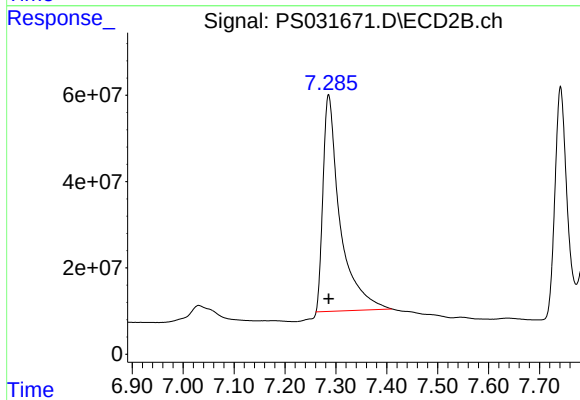
#3 4-Nitrophenol

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 1005390188
Conc: 928.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

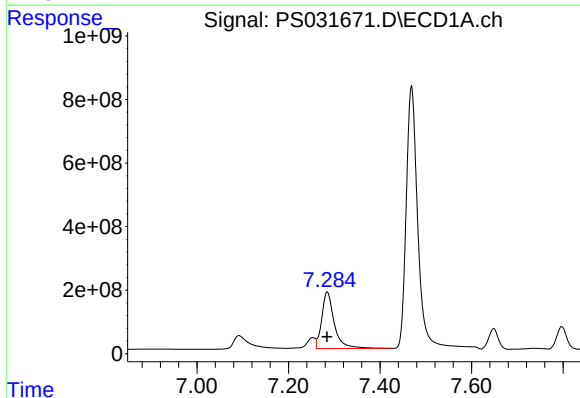
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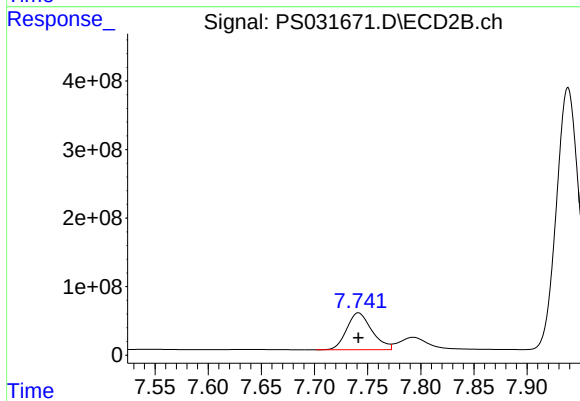
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 1167166469
Conc: 957.07 ng/ml



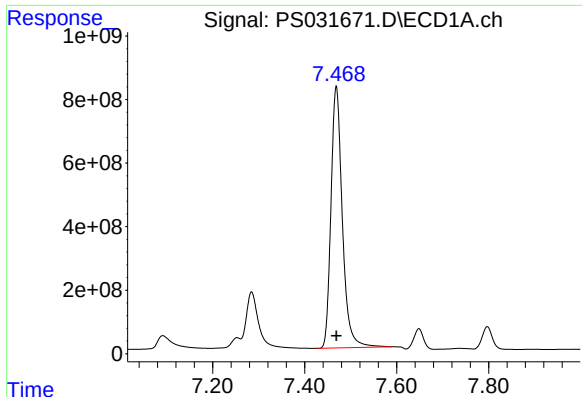
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 3388795324
Conc: 923.39 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 889944621
Conc: 969.76 ng/ml



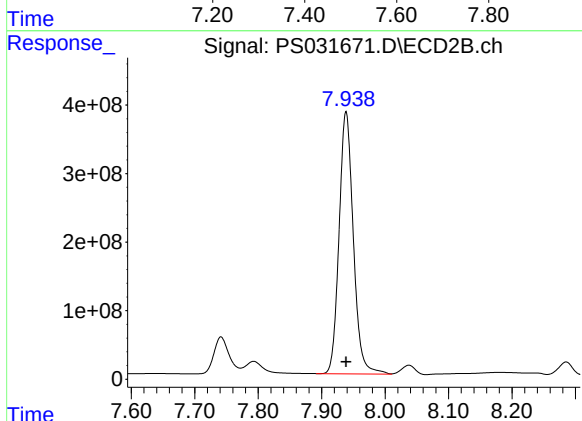
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 14110972062
Conc: 892.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

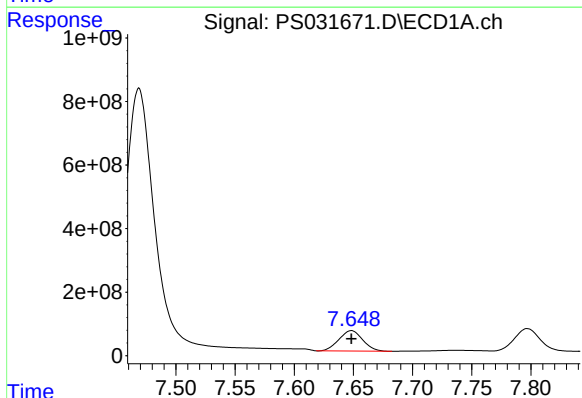
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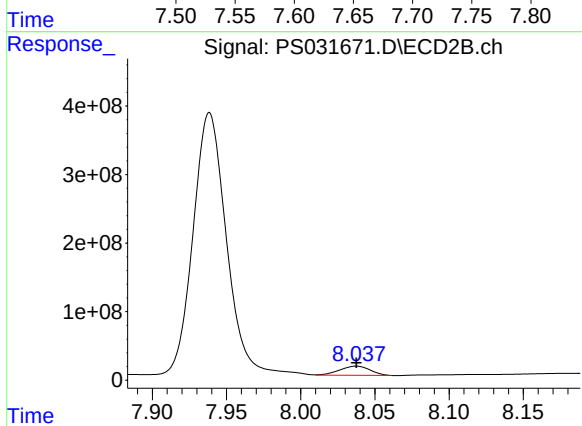
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 5976464631
Conc: 910.45 ng/ml



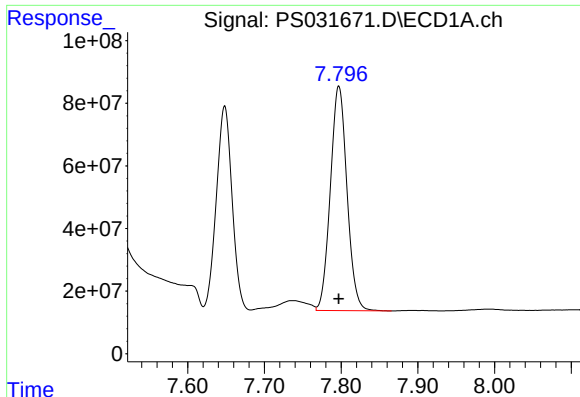
#6 MCPP

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 899760280
Conc: 104.24 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 191379499
Conc: 102.21 ug/ml



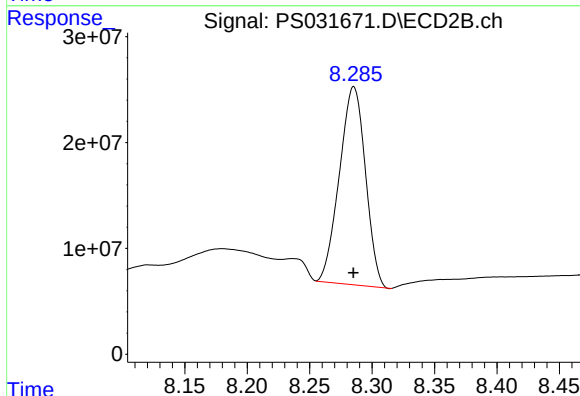
#7 MCPA

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 1079770798
Conc: 99.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

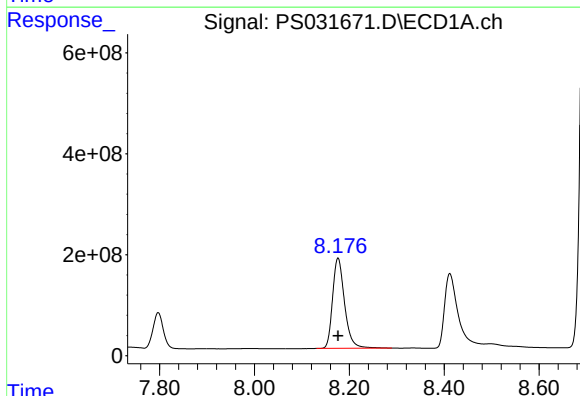
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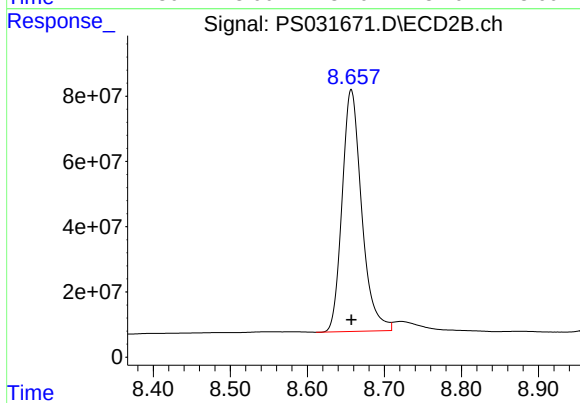
#7 MCPA

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 272083021
Conc: 98.97 ug/ml



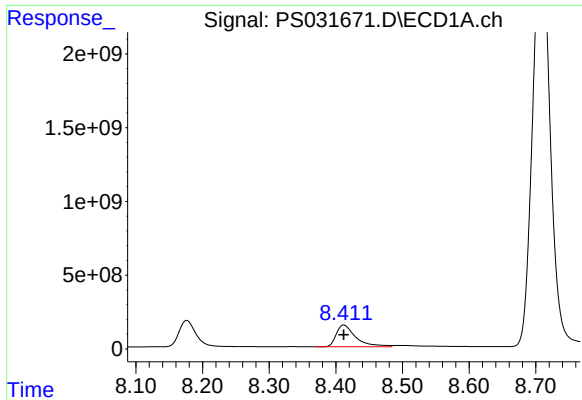
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 3138016378
Conc: 862.28 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1302338815
Conc: 884.50 ng/ml



#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 2976890228
Conc: 851.87 ng/ml

Instrument :

ECD_S

ClientSampleId :

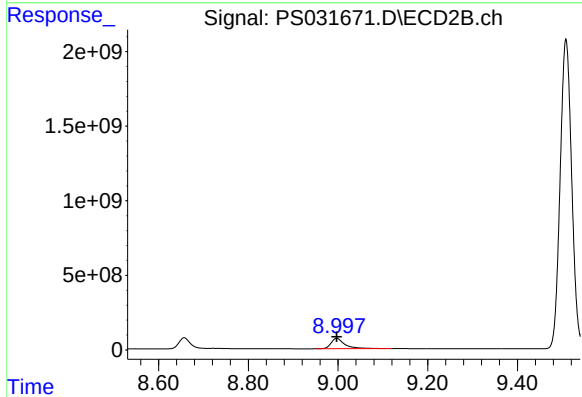
HSTDICC1000

Manual Integrations

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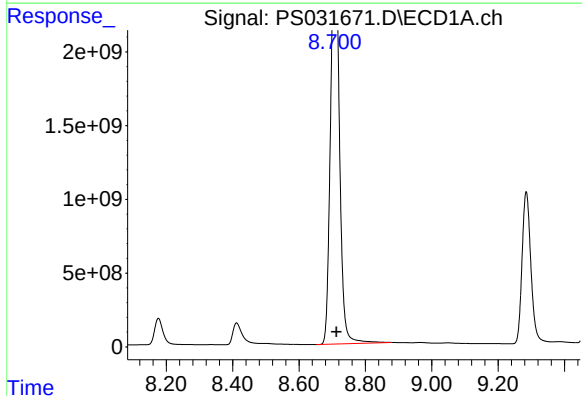
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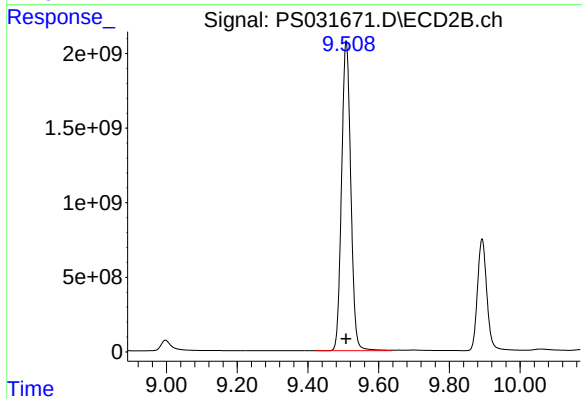
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 1494305659
Conc: 896.04 ng/ml



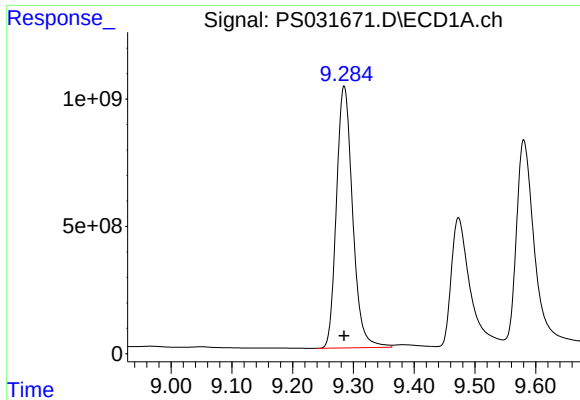
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 46784325060
Conc: 824.66 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 37530625048
Conc: 911.05 ng/ml



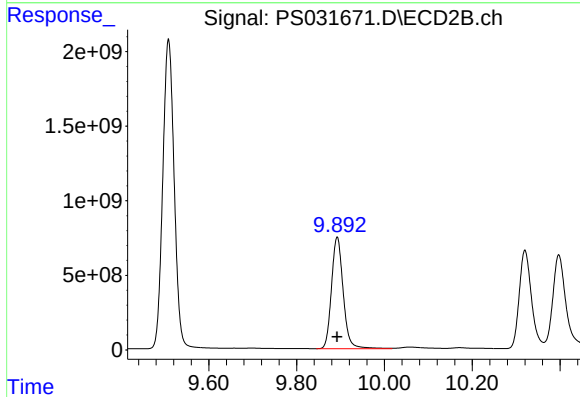
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 18997869691
Conc: 887.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

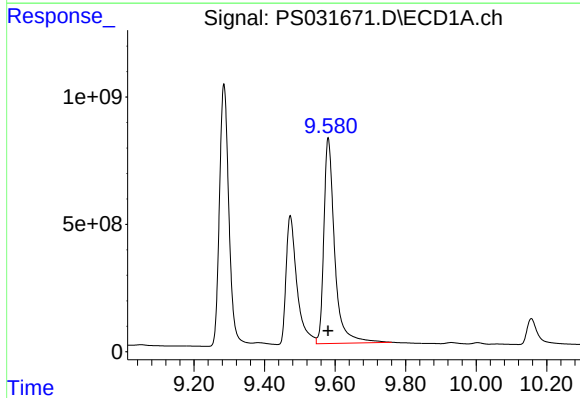
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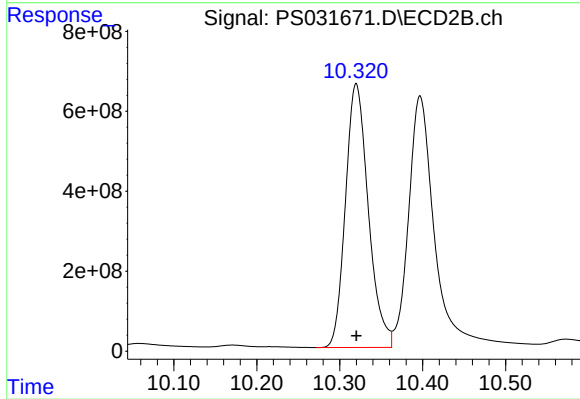
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 13825148528
Conc: 902.58 ng/ml



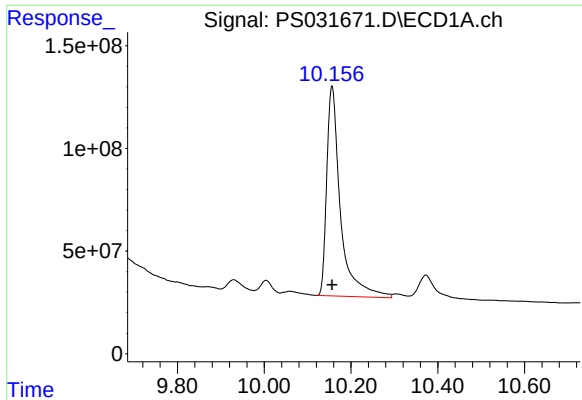
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 17196643308
Conc: 932.82 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.000 min
Response: 12650067600
Conc: 930.74 ng/ml



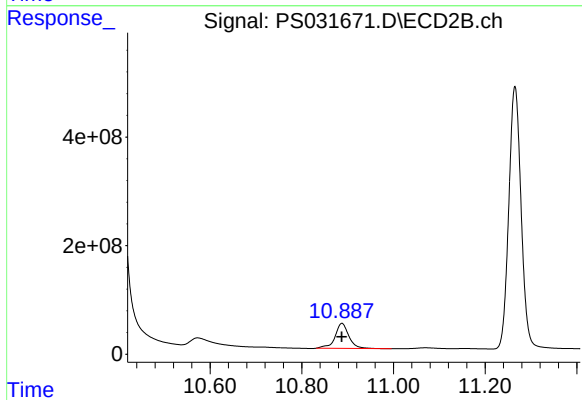
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 2250578289
Conc: 977.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

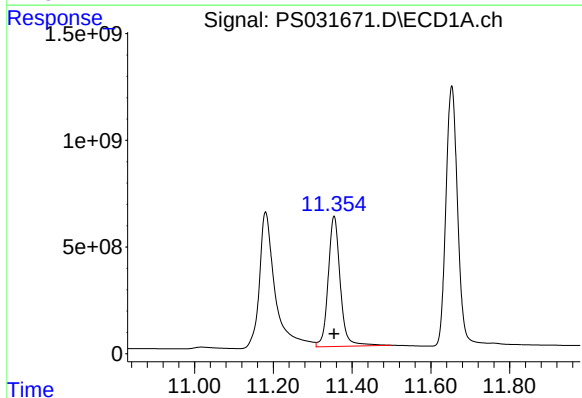
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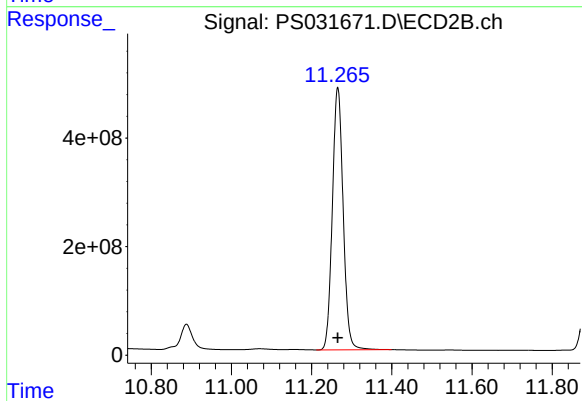
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 966003314
Conc: 887.63 ng/ml



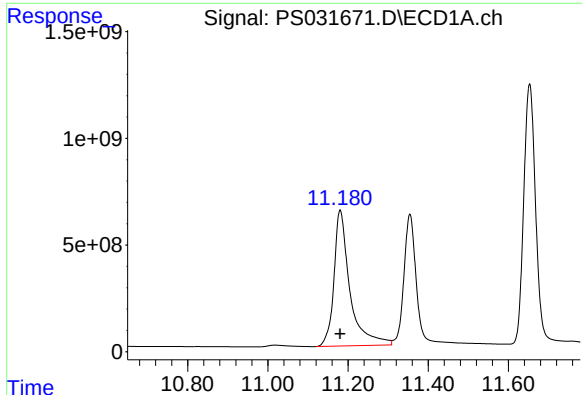
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 12980163106
Conc: 883.72 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 9032502778
Conc: 926.89 ng/ml



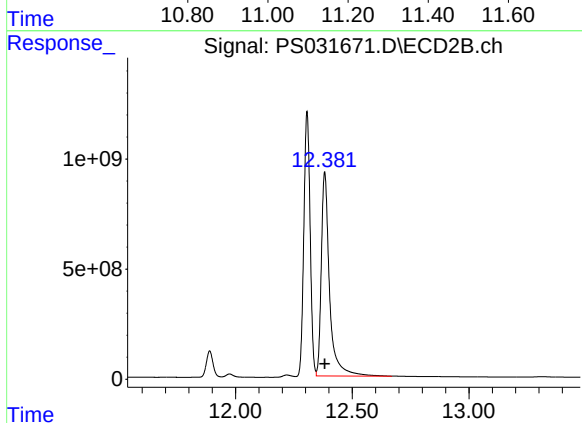
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.000 min
Response: 17642796822
Conc: 992.95 ng/ml

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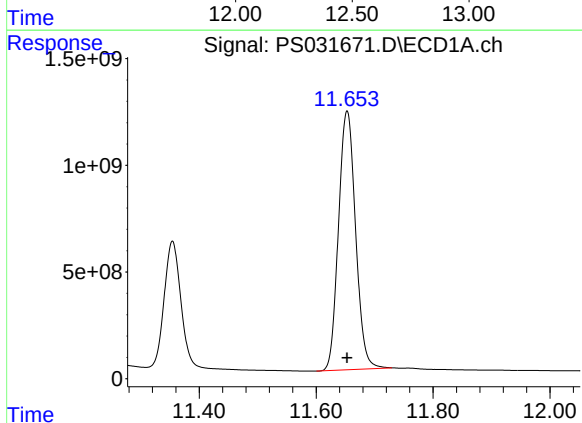
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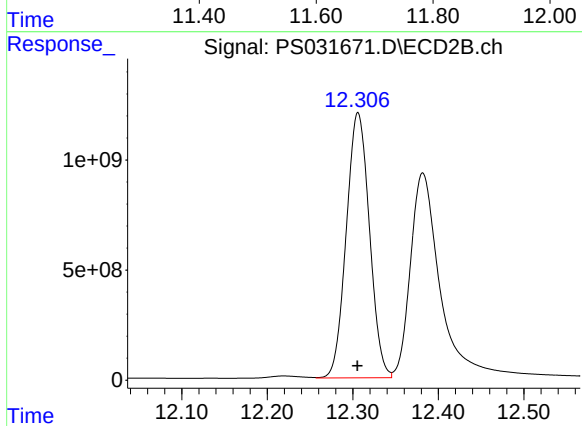
#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.000 min
Response: 22800501794
Conc: 964.51 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 24572812248
Conc: 889.90 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 22658636180
Conc: 926.37 ng/ml m