

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091625\
 Data File : PS031757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 17:45
 Operator : AR\AJ
 Sample : Q3091-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 12/9C-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 05:46:30 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	7.285	7.745	1326.2E6	248.9E6	368.231	273.867m#
Target Compounds							
1) T	Dalapon	2.666	2.682	674.8E6	1651.2E6	116.735m	586.008m#
2) T	3,5-DICHL...	6.453	6.699	1140.7E6	258.6E6	213.873	169.590
3) T	4-Nitroph...	7.101	7.314f	70797765	109.3E6	64.174m	86.561m#
5) T	DICAMBA	7.468	7.939	4168.7E6	1677.3E6	267.281	257.770m
6) T	MCPD	7.643	8.034	76728324	14885055	8.583	7.903
7) T	MCPA	7.793	8.279	221.2E6	56112867	19.908	20.032
8) T	DICHLORPROP	8.179	8.660	695.9E6	255.3E6	195.386	175.462
9) T	2,4-D	8.416	9.003	1064.1E6	435.1E6	310.630	264.501
10) T	Pentachlo...	8.708	9.509	4823.4E6	3255.6E6	90.848	82.024
11) T	2,4,5-TP ...	9.286	9.891	2852.0E6	2523.6E6	135.982	167.634m
12) T	2,4,5-T	9.584	10.326	3464.8E6	2385.7E6	189.350m	177.280
13) T	2,4-DB	10.163	10.896	227.9E6	104.2E6	97.710m	97.406
14) T	DINOSEB	11.349	11.280	241.7E6	438.4E6	16.760m	45.096 #
15) T	Picloram	11.187	12.389	4840.0E6	5300.8E6	268.722	223.819
16) T	DCPA	11.650	12.306	8522.4E6	8034.3E6	316.233	333.318m

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

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Operator : AR\AJ
Sample : Q3091-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

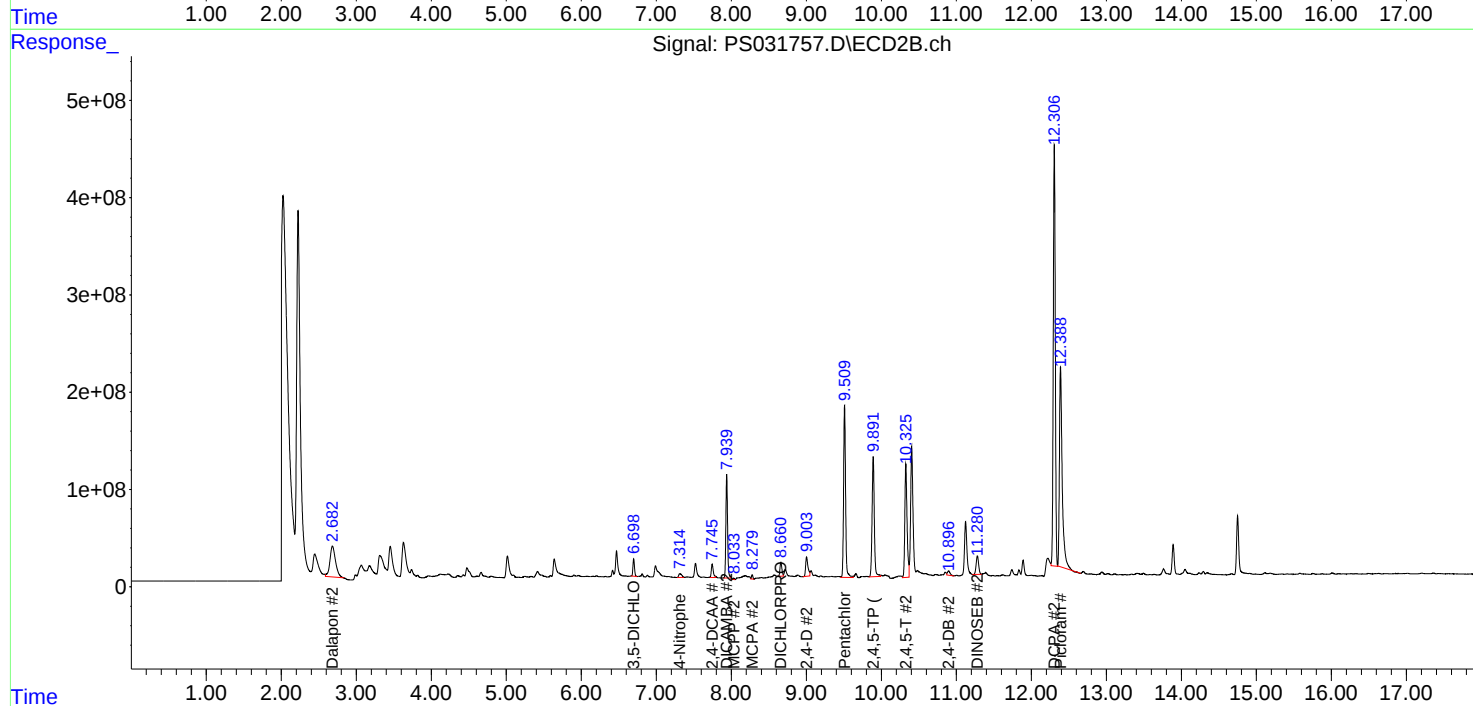
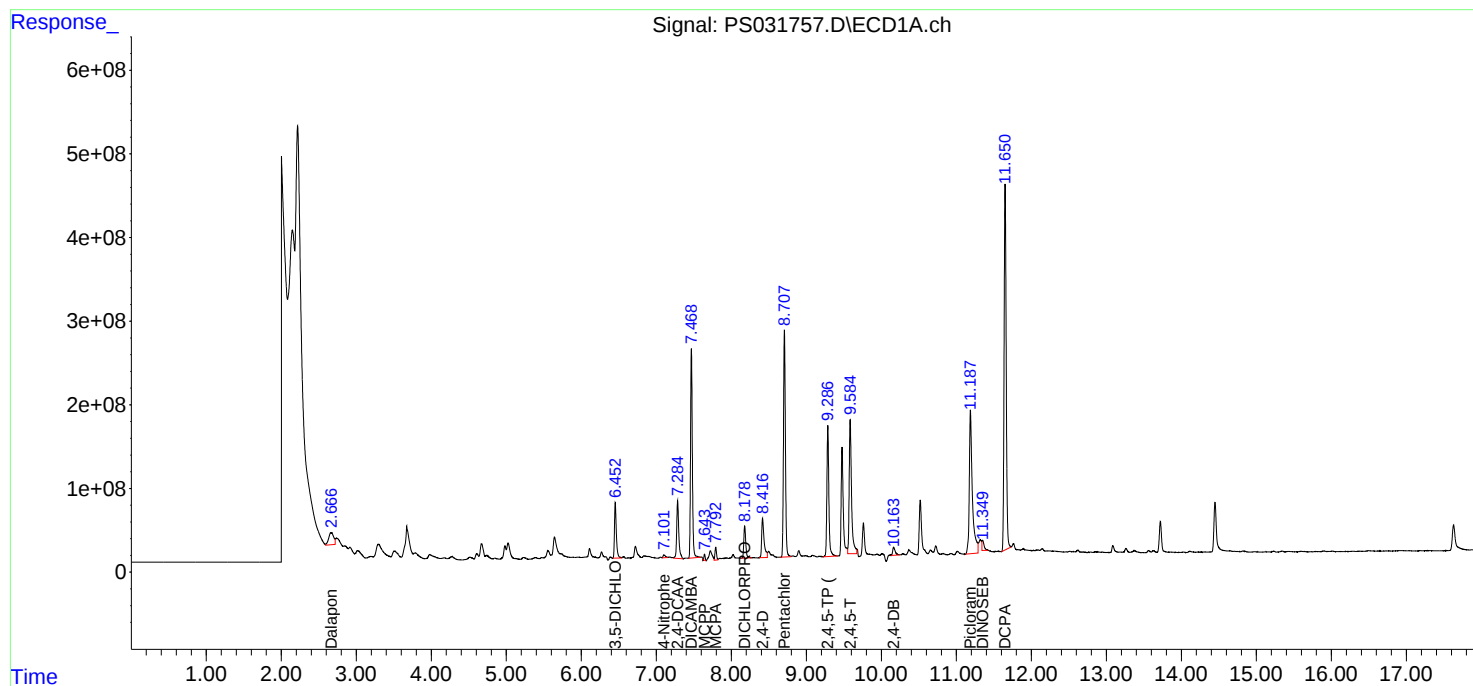
Instrument :
ECD_S
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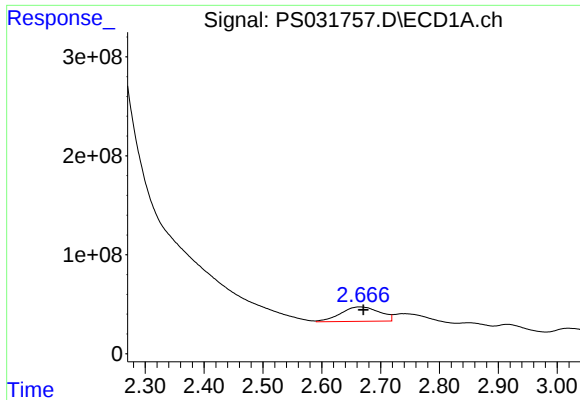
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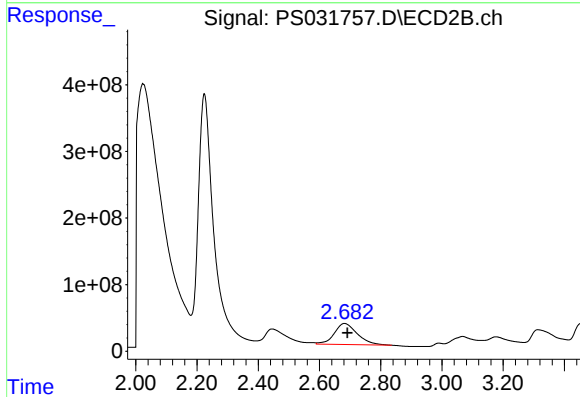
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.005 min
Response: 674813696
Conc: 116.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

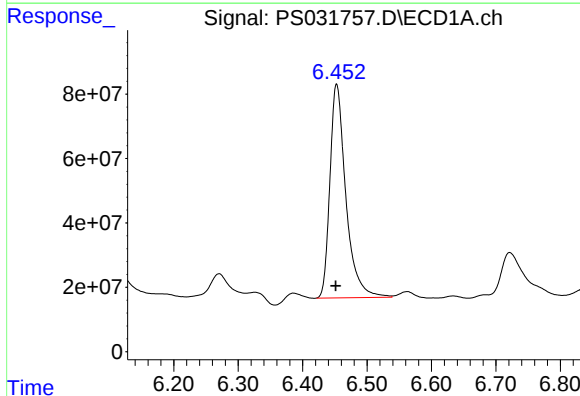
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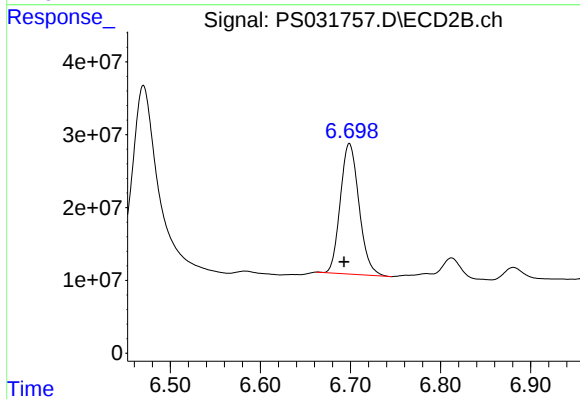
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.010 min
Response: 1651151146
Conc: 586.01 ng/ml m



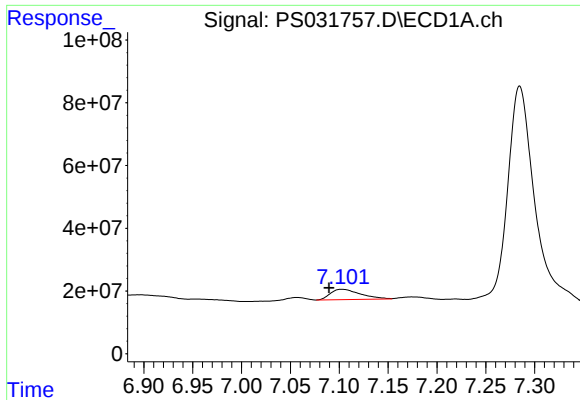
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 1140663818
Conc: 213.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 258619627
Conc: 169.59 ng/ml



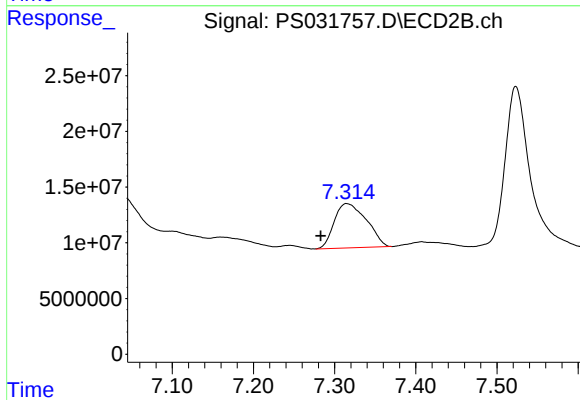
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.012 min
Response: 70797765
Conc: 64.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

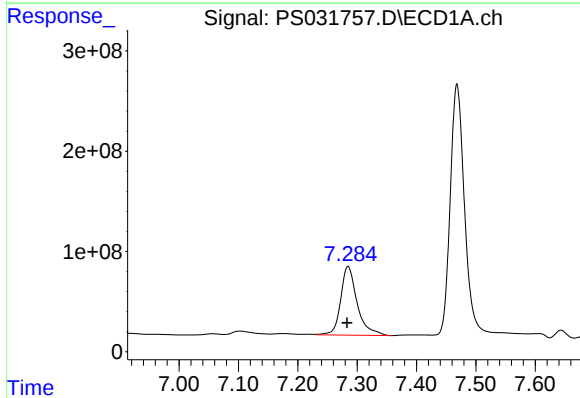
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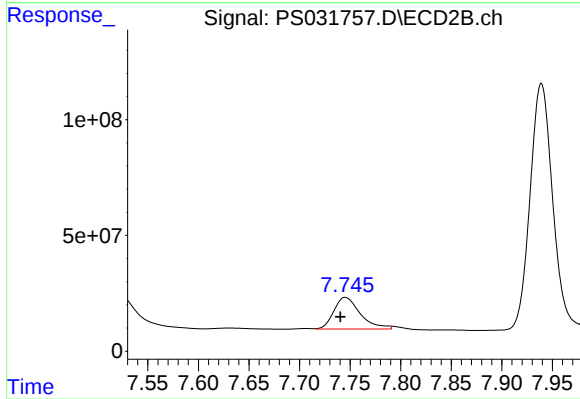
#3 4-Nitrophenol

R.T.: 7.314 min
Delta R.T.: 0.031 min
Response: 109307535
Conc: 86.56 ng/ml m



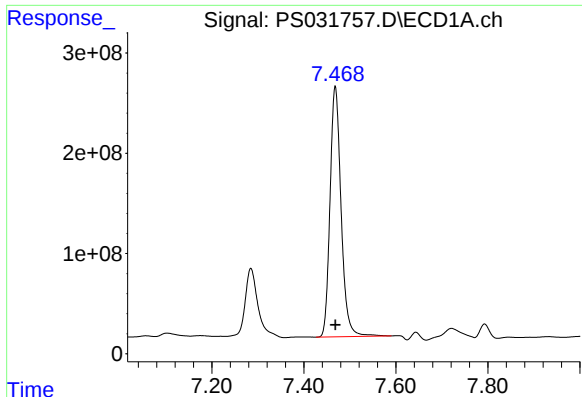
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 1326193380
Conc: 368.23 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 248917361
Conc: 273.87 ng/ml m



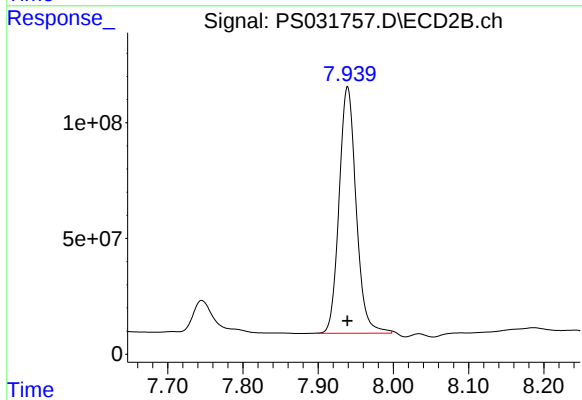
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 4168701709
Conc: 267.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

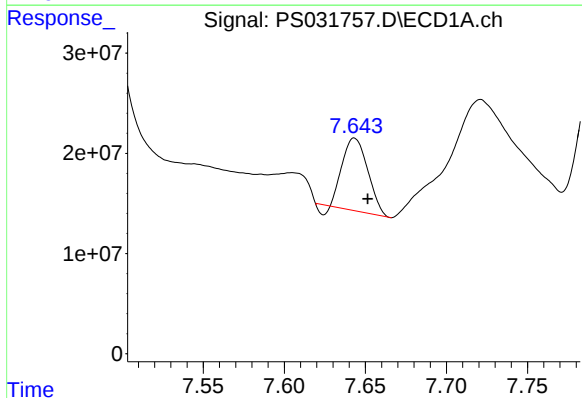
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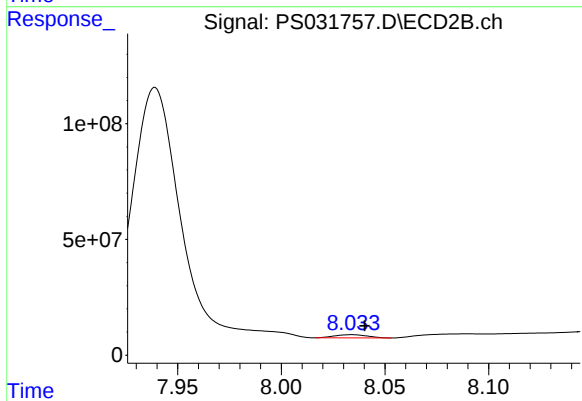
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1677271423
Conc: 257.77 ng/ml m



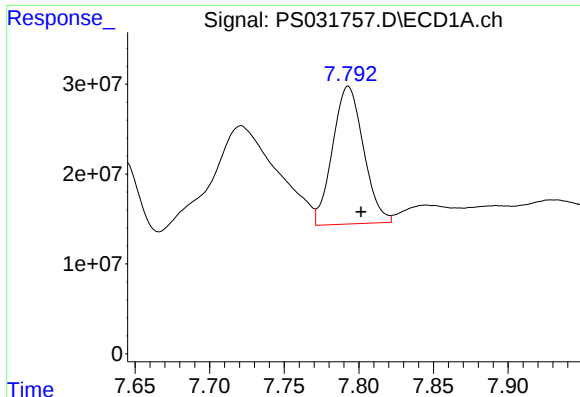
#6 MCP

R.T.: 7.643 min
Delta R.T.: -0.008 min
Response: 76728324
Conc: 8.58 ug/ml



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 14885055
Conc: 7.90 ug/ml



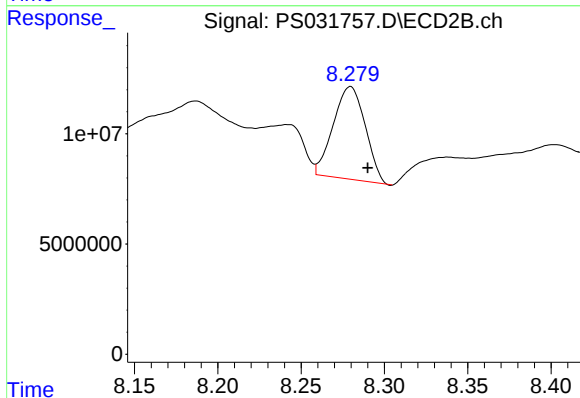
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 221189840
Conc: 19.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

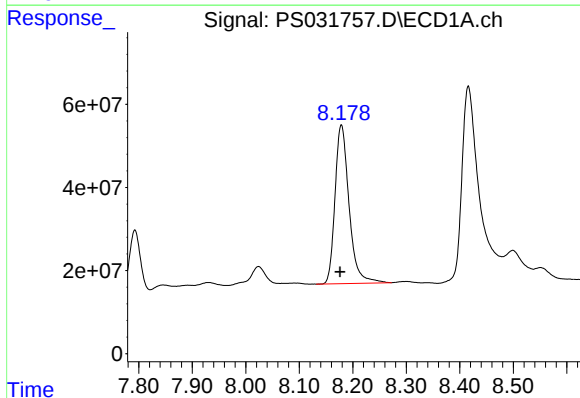
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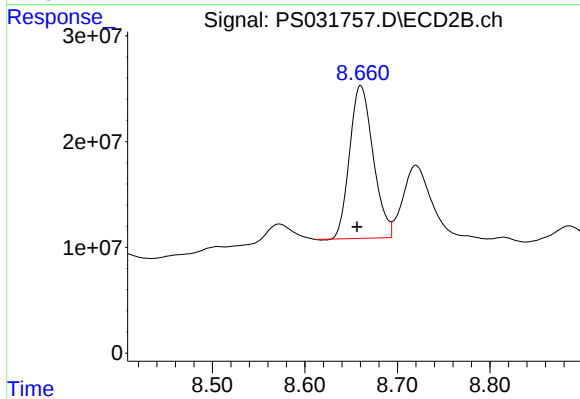
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 56112867
Conc: 20.03 ug/ml



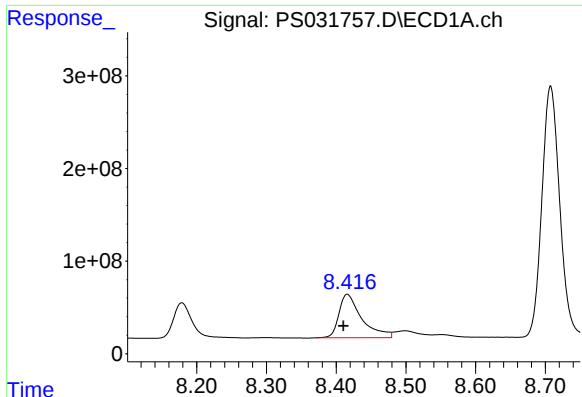
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 695917479
Conc: 195.39 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 255307355
Conc: 175.46 ng/ml



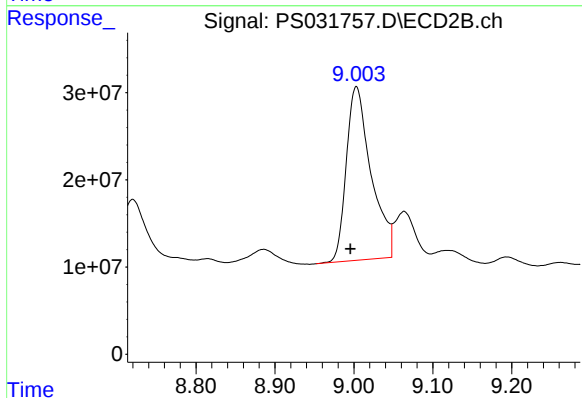
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.005 min
Response: 1064106888
Conc: 310.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

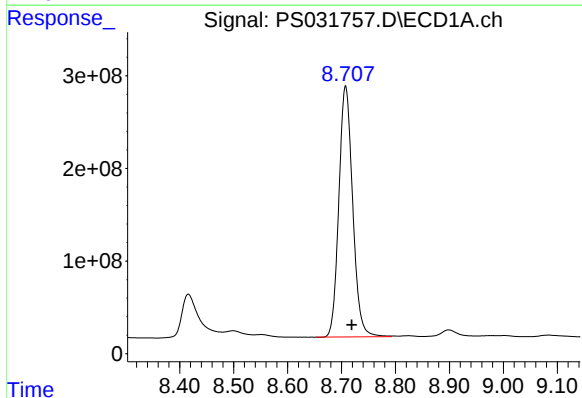
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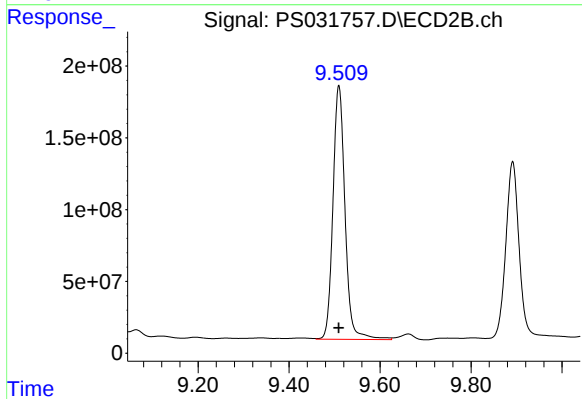
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.008 min
Response: 435132736
Conc: 264.50 ng/ml



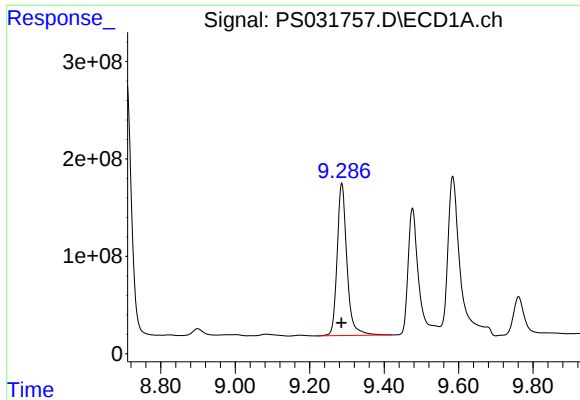
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 4823443914
Conc: 90.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 3255565323
Conc: 82.02 ng/ml



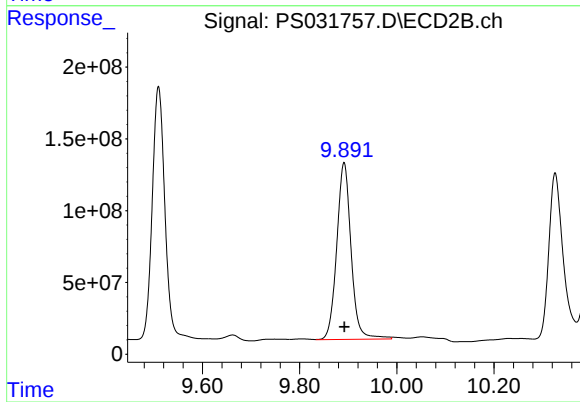
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 2852042648
Conc: 135.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

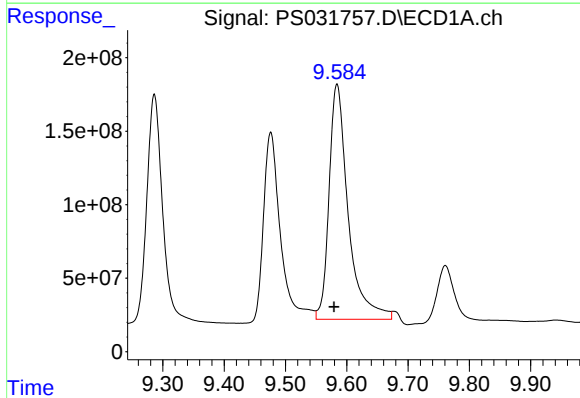
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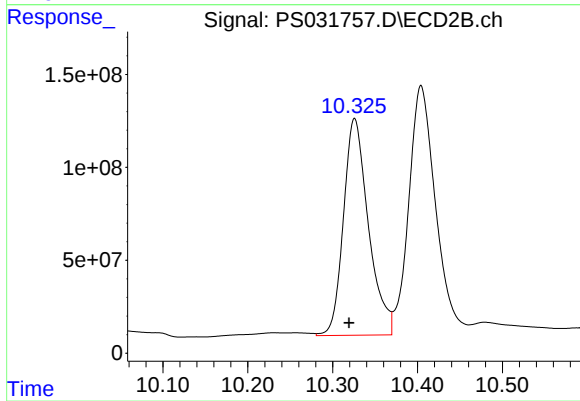
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 2523608561
Conc: 167.63 ng/ml m



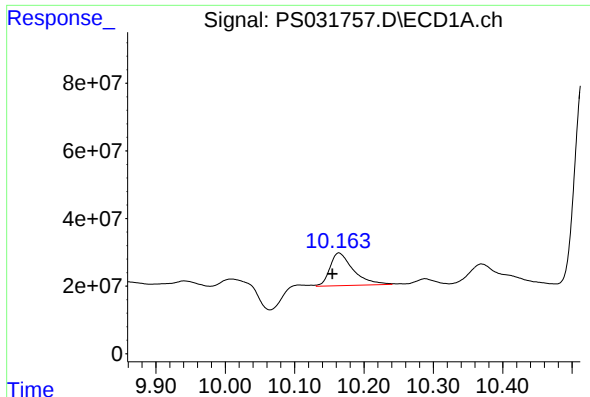
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 3464754435
Conc: 189.35 ng/ml m



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.007 min
Response: 2385654040
Conc: 177.28 ng/ml



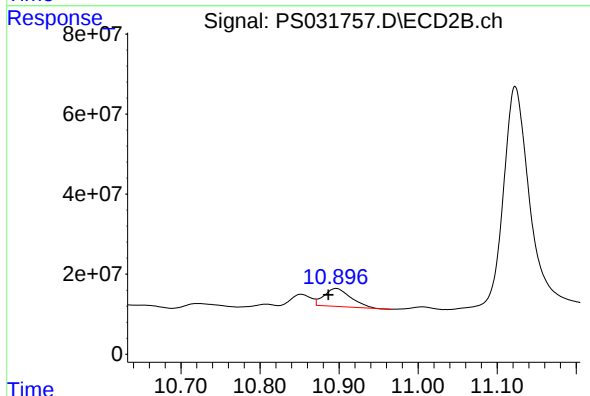
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: 0.009 min
Response: 227933717
Conc: 97.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMS

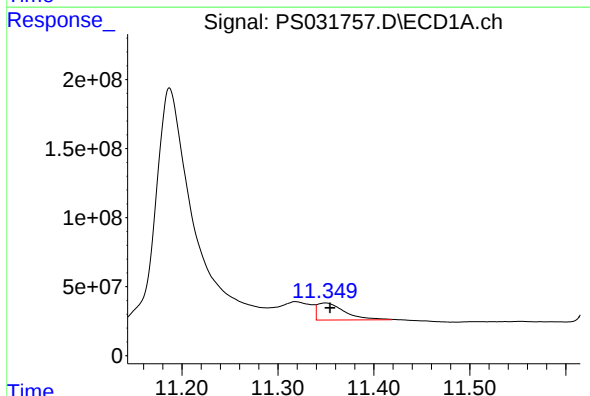
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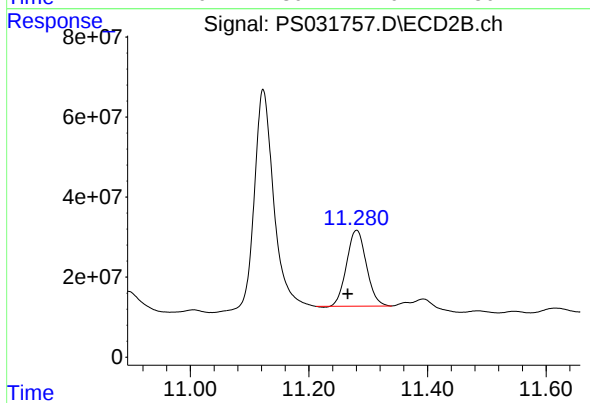
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: 0.010 min
Response: 104228283
Conc: 97.41 ng/ml



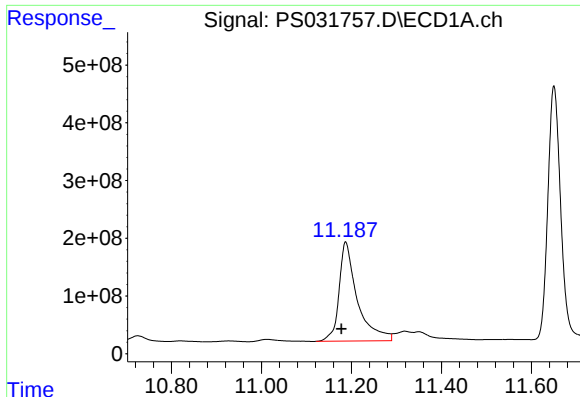
#14 DINOSEB

R.T.: 11.349 min
Delta R.T.: -0.005 min
Response: 241725417
Conc: 16.76 ng/ml m



#14 DINOSEB

R.T.: 11.280 min
Delta R.T.: 0.015 min
Response: 438359058
Conc: 45.10 ng/ml



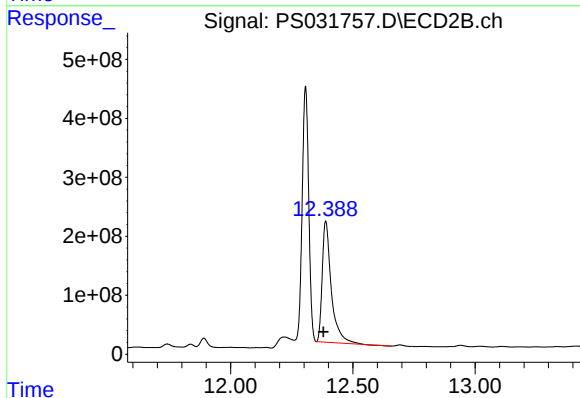
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.009 min
Response: 4839968950
Conc: 268.72 ng/ml

Instrument :
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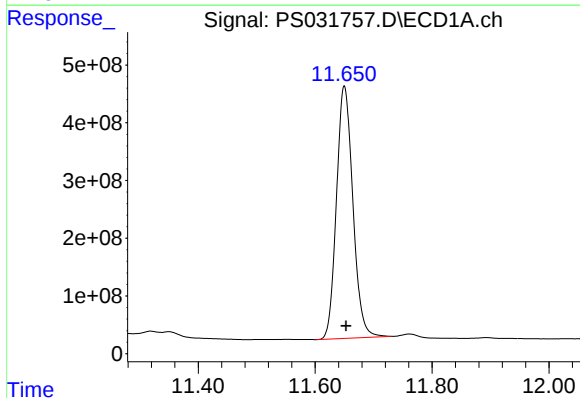
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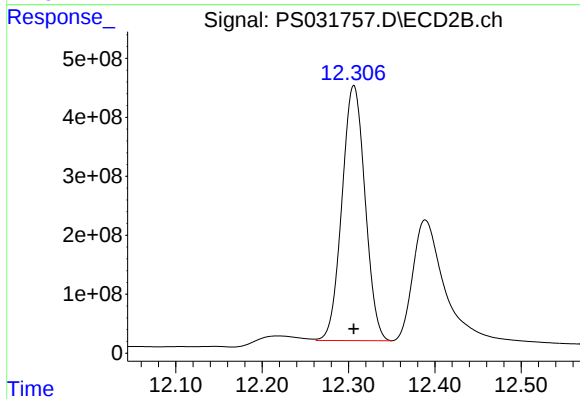
#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.010 min
Response: 5300750526
Conc: 223.82 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 8522448385
Conc: 316.23 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 8034334927
Conc: 333.32 ng/ml m