

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032525\
 Data File : PS029531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 22:09
 Operator : AR\AJ
 Sample : Q1502-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PT-HERB-WP

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2025
 Supervised By : mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 06:52:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032525.M
 Quant Title : 8080.M
 QLast Update : Tue Mar 25 06:49:36 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 x 0.5 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	7.152	7.579	2192.3E6	423.8E6	481.945	476.610
Target Compounds							
1) T	Dalapon	2.590	2.633	3909.1E6	1327.8E6	612.654	568.799
2) T	3,5-DICHL...	6.335	6.562	4375.3E6	943.7E6	731.199	696.100
3) T	4-Nitroph...	6.957	7.118	582.2E6	192.5E6	284.996	265.616
5) T	DICAMBA	7.333	7.769	10969.5E6	3112.2E6	584.904	600.915
8) T	DICHLORPROP	8.034	8.474	958.4E6	243.4E6	204.094	203.841
9) T	2,4-D	8.264	8.794	3075.9E6	802.9E6	672.600	654.559
10) T	Pentachlo...	8.555	9.305	44875.2E6	16674.4E6	726.959	697.423
11) T	2,4,5-TP ...	9.128	9.681	14885.6E6	5293.9E6	575.079	581.712
12) T	2,4,5-T	9.419	10.094	16849.5E6	5181.1E6	653.893	675.629
13) T	2,4-DB	9.989	10.654	1827.4E6	426.9E6	548.872m	564.211
14) T	DINOSEB	11.180	11.028	4792.0E6	1395.6E6	253.989	230.900
15) T	Picloram	11.001	12.095	13480.2E6	4613.7E6	472.074	443.583
16) T	DCPA	11.473	12.054	11553.9E6	6436.3E6	369.195	524.888 #

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

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Operator : AR\AJ
Sample : Q1502-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

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Manual Integrations

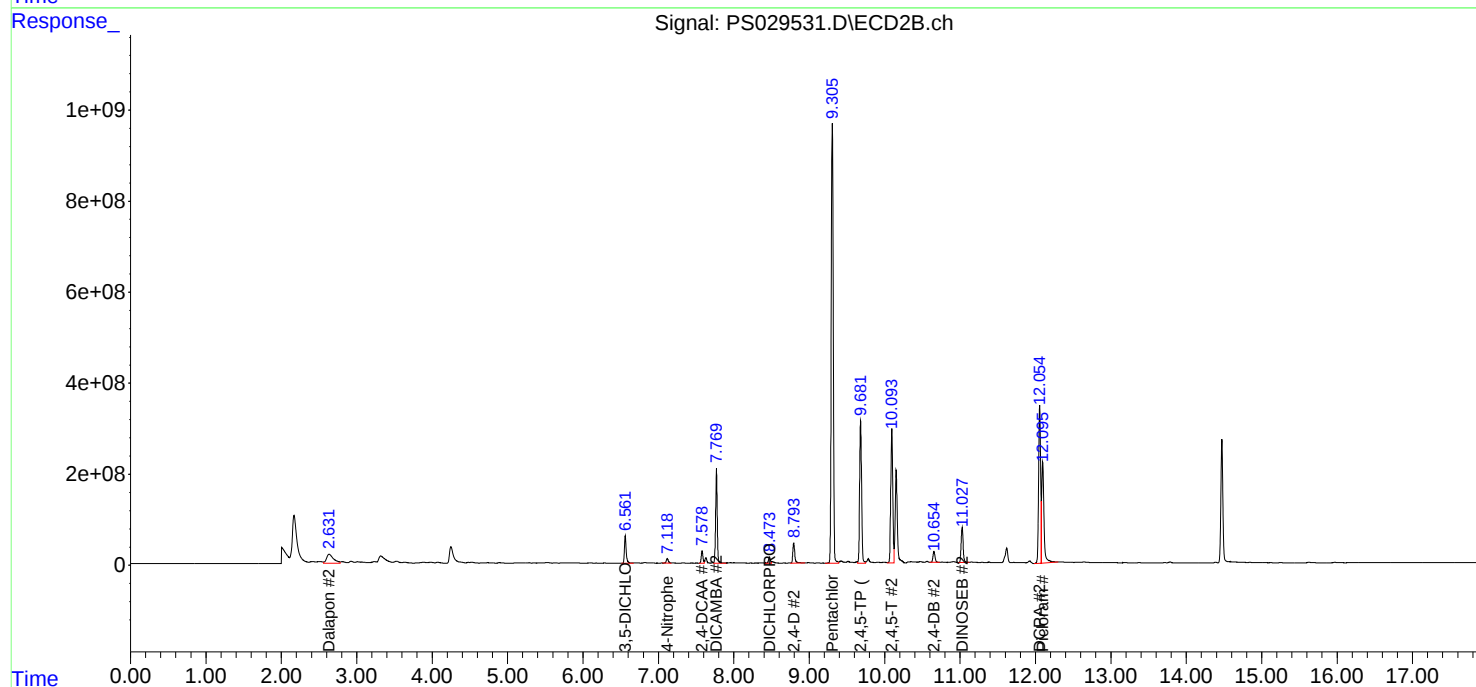
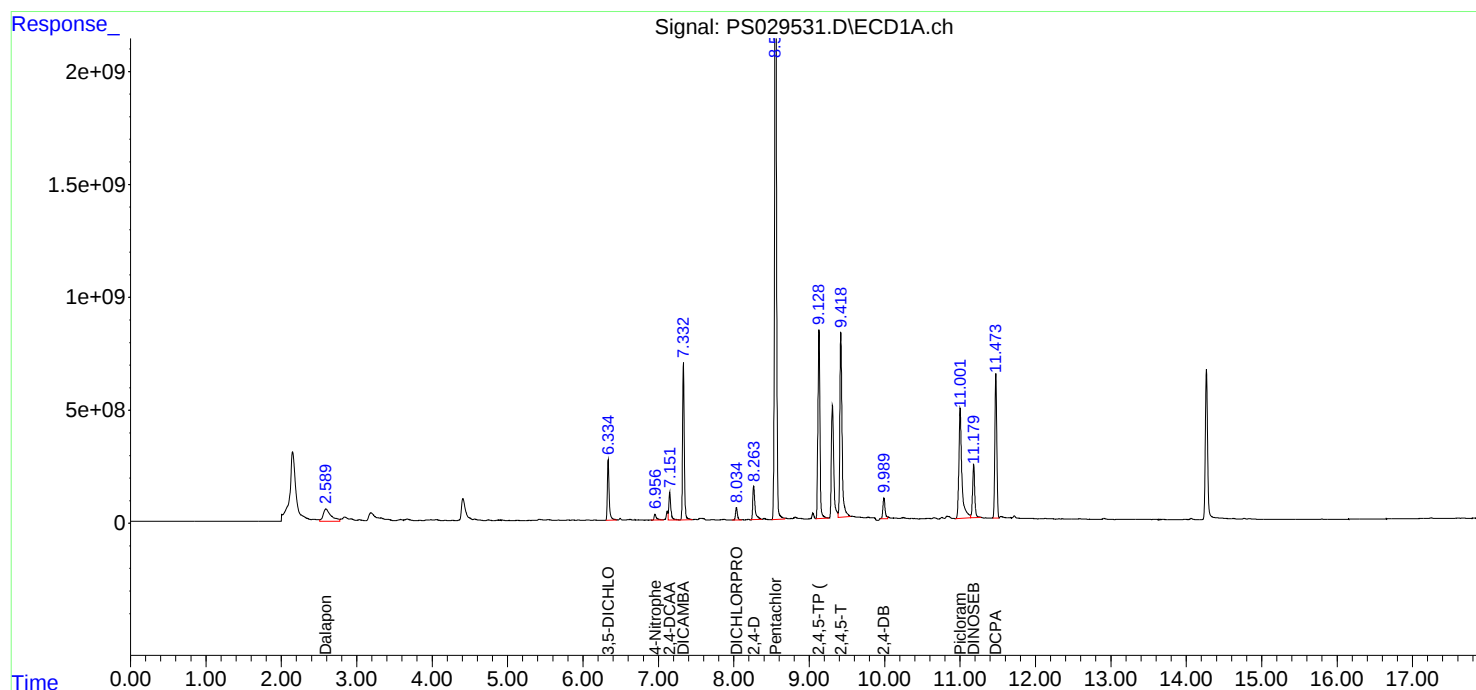
APPROVED

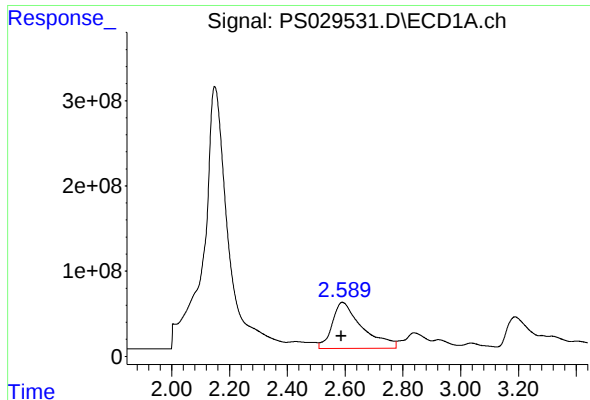
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Integration File signal 1: autoint1.e
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Quant Time: Mar 25 06:52:16 2025
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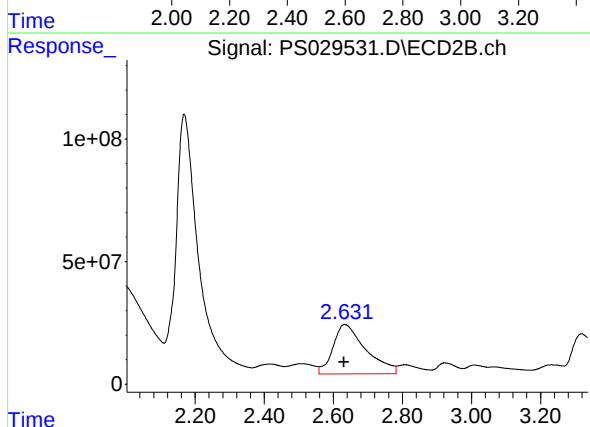
#1 Dalapon

R.T.: 2.590 min
Delta R.T.: 0.004 min
Response: 3909105974
Conc: 612.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
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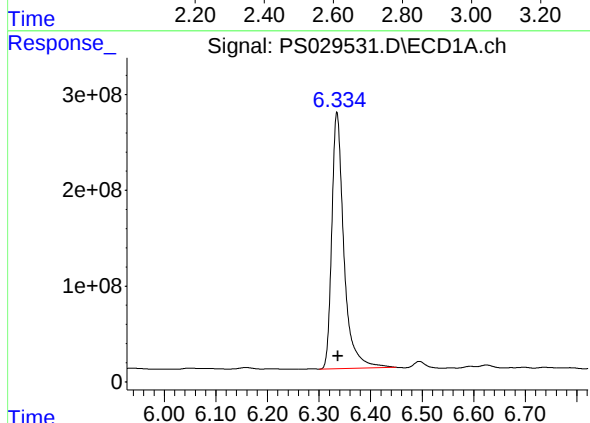
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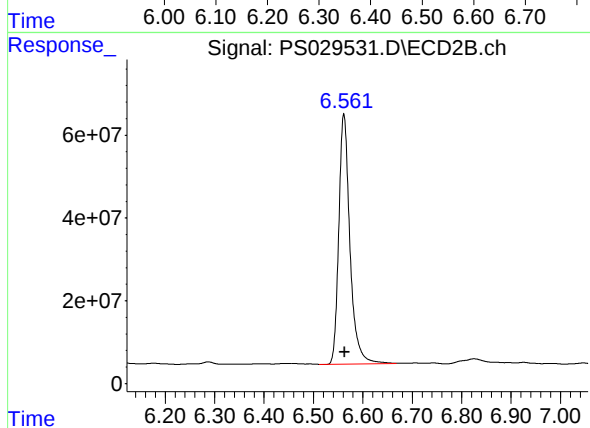
#1 Dalapon

R.T.: 2.633 min
Delta R.T.: 0.001 min
Response: 1327752328
Conc: 568.80 ng/ml



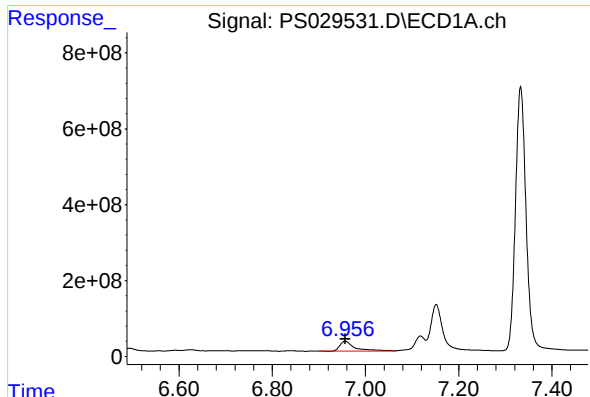
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 4375296736
Conc: 731.20 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 943727586
Conc: 696.10 ng/ml



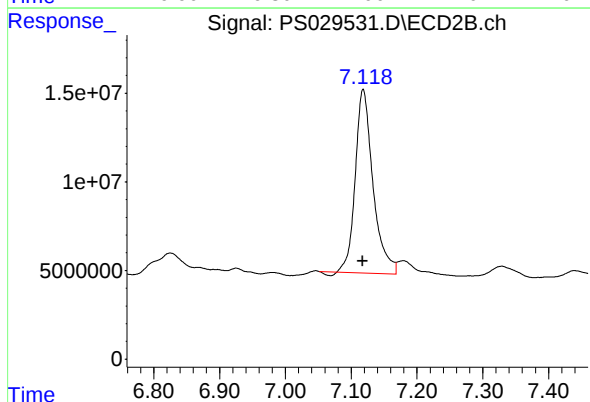
#3 4-Nitrophenol

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 582188963
Conc: 285.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

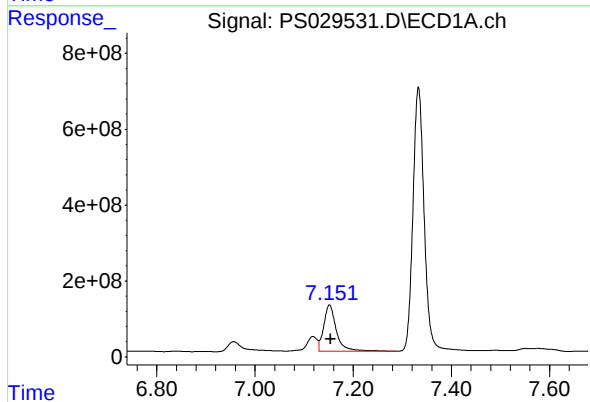
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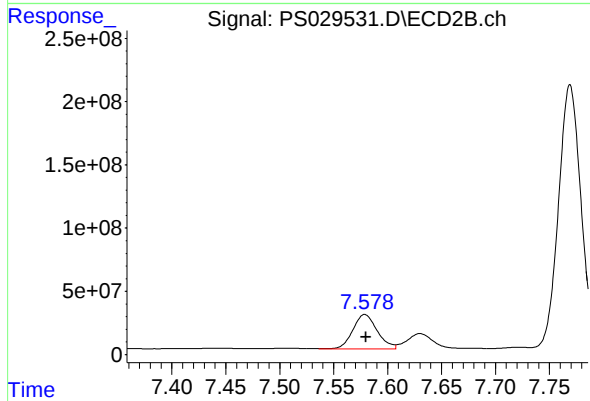
#3 4-Nitrophenol

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 192527851
Conc: 265.62 ng/ml



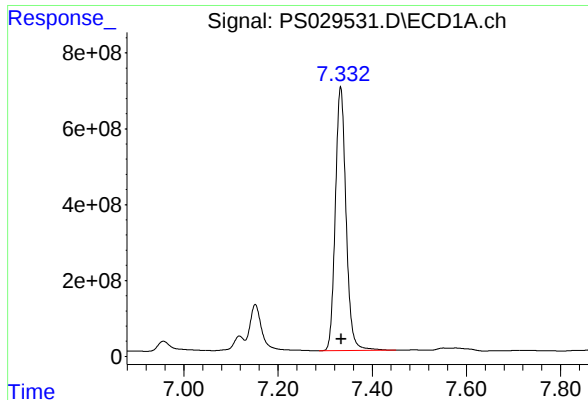
#4 2,4-DCAA

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 2192254850
Conc: 481.94 ng/ml



#4 2,4-DCAA

R.T.: 7.579 min
Delta R.T.: -0.001 min
Response: 423836784
Conc: 476.61 ng/ml



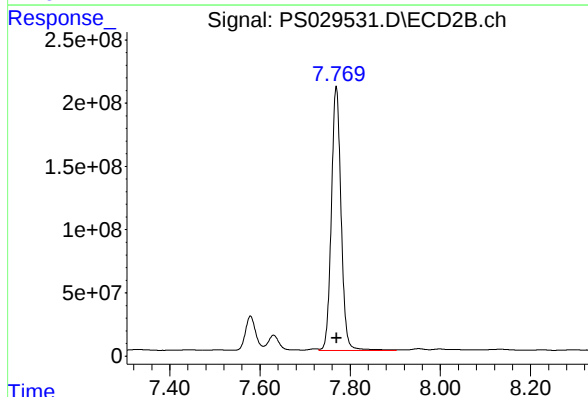
#5 DICAMBA

R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 10969508225
Conc: 584.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

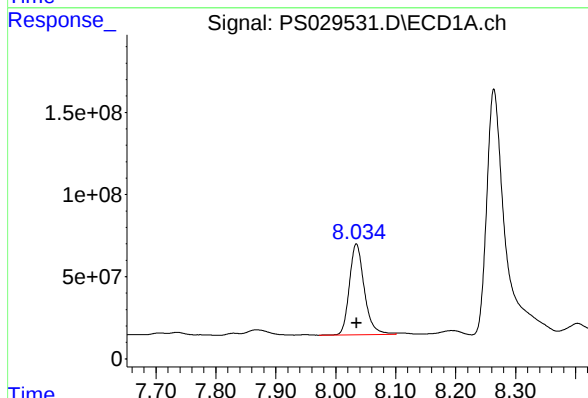
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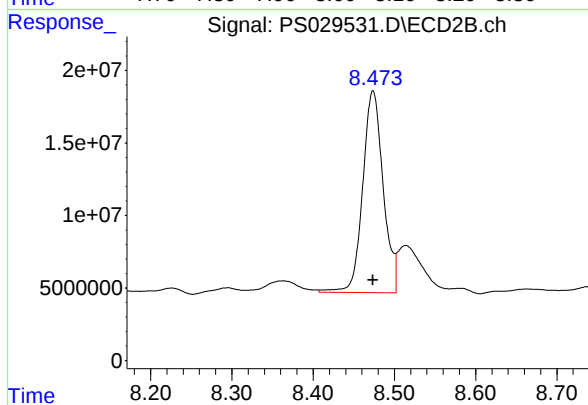
#5 DICAMBA

R.T.: 7.769 min
Delta R.T.: -0.001 min
Response: 3112198354
Conc: 600.91 ng/ml



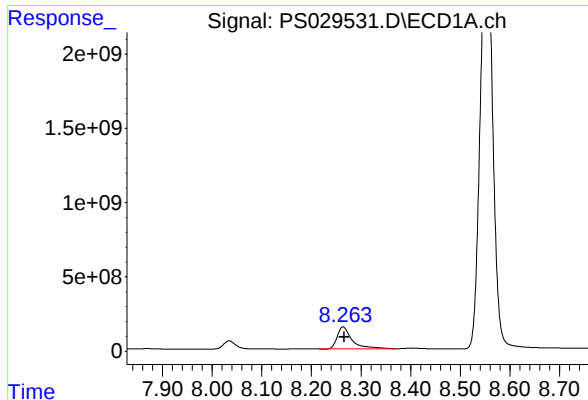
#8 DICHLORPROP

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 958352717
Conc: 204.09 ng/ml



#8 DICHLORPROP

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 243409235
Conc: 203.84 ng/ml



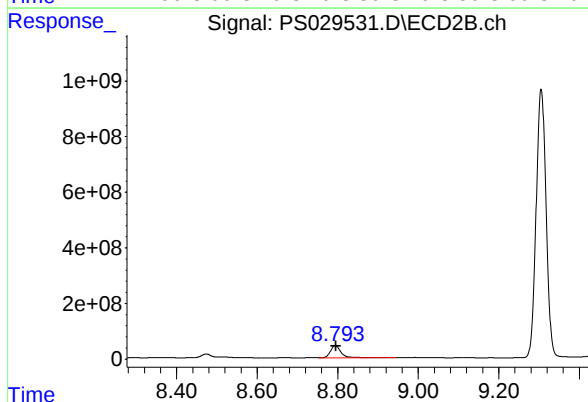
#9 2,4-D

R.T.: 8.264 min
Delta R.T.: -0.003 min
Response: 3075865633
Conc: 672.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

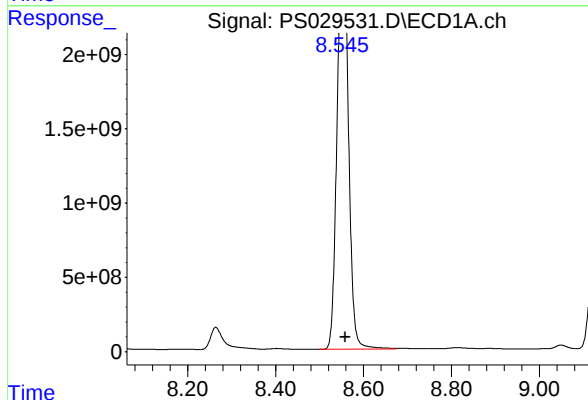
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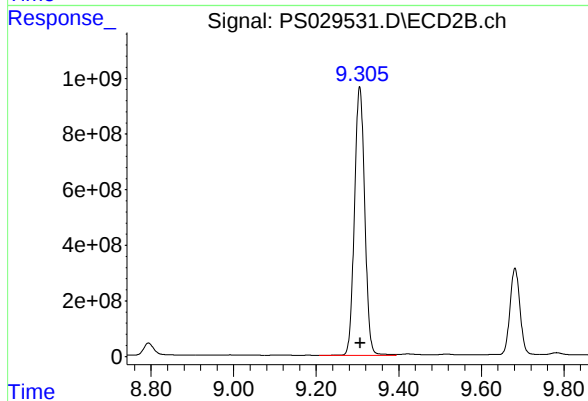
#9 2,4-D

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 802908286
Conc: 654.56 ng/ml



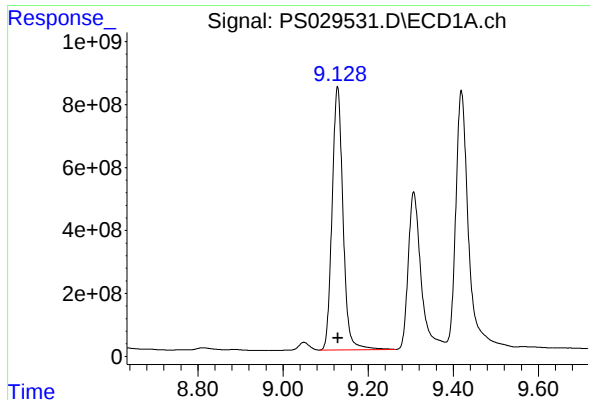
#10 Pentachlorophenol

R.T.: 8.555 min
Delta R.T.: -0.004 min
Response: 44875201149
Conc: 726.96 ng/ml



#10 Pentachlorophenol

R.T.: 9.305 min
Delta R.T.: -0.001 min
Response: 16674354679
Conc: 697.42 ng/ml



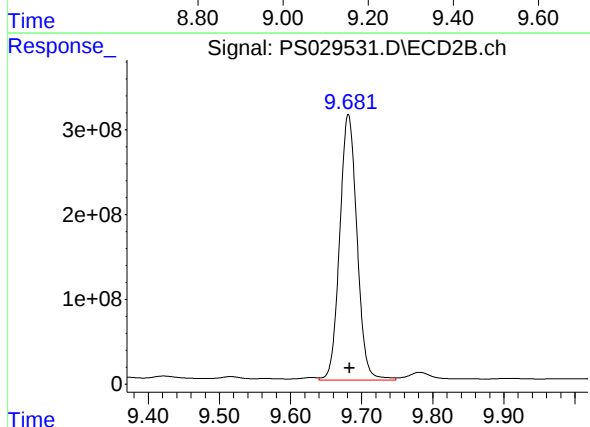
#11 2,4,5-TP (SILVEX)

R.T.: 9.128 min
Delta R.T.: -0.001 min
Response: 14885553411
Conc: 575.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

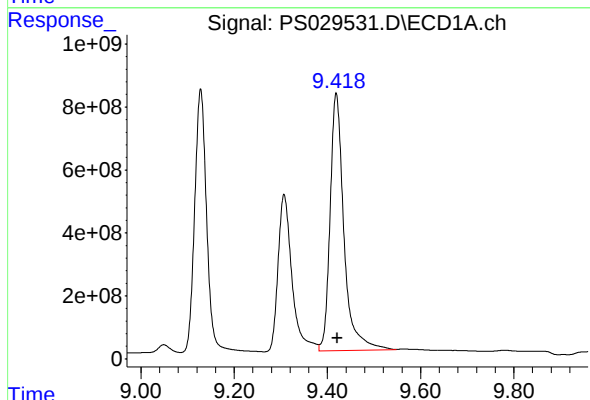
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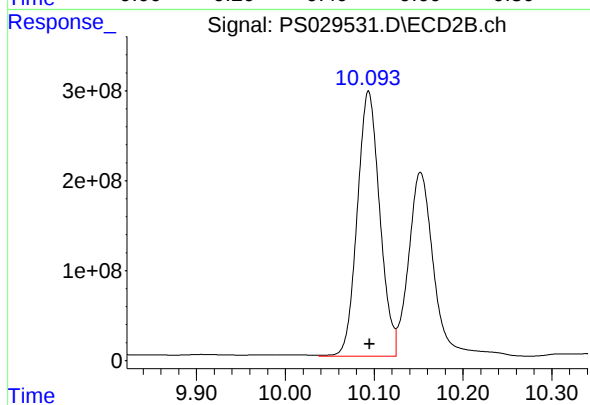
#11 2,4,5-TP (SILVEX)

R.T.: 9.681 min
Delta R.T.: -0.002 min
Response: 5293882445
Conc: 581.71 ng/ml



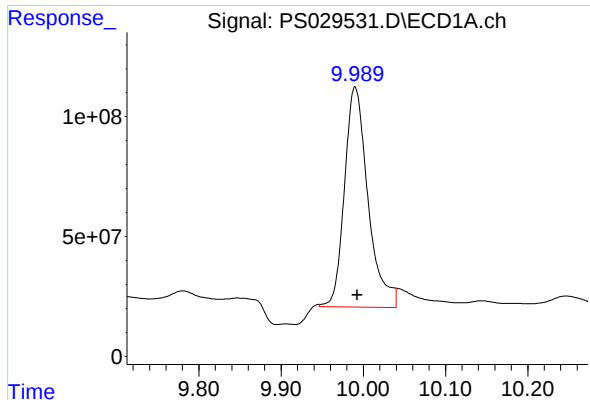
#12 2,4,5-T

R.T.: 9.419 min
Delta R.T.: -0.002 min
Response: 16849541393
Conc: 653.89 ng/ml



#12 2,4,5-T

R.T.: 10.094 min
Delta R.T.: -0.001 min
Response: 5181059389
Conc: 675.63 ng/ml



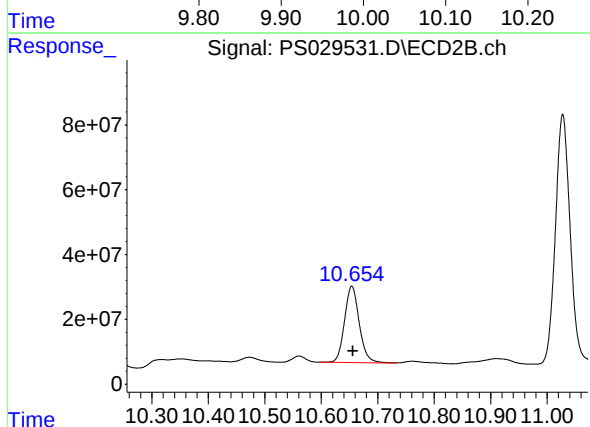
#13 2,4-DB

R.T.: 9.989 min
Delta R.T.: -0.003 min
Response: 1827430317
Conc: 548.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
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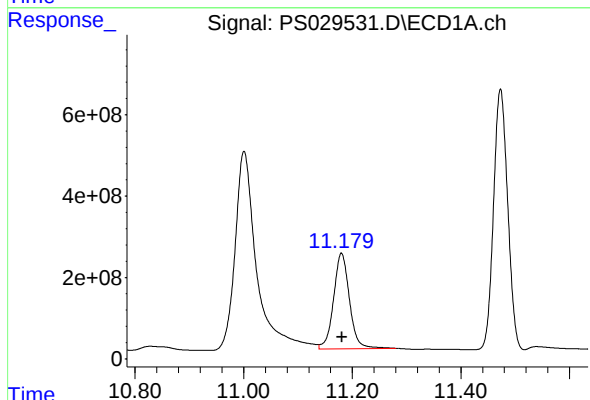
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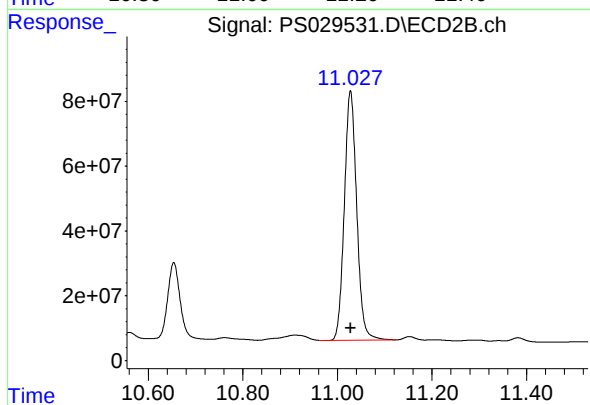
#13 2,4-DB

R.T.: 10.654 min
Delta R.T.: -0.002 min
Response: 426886966
Conc: 564.21 ng/ml



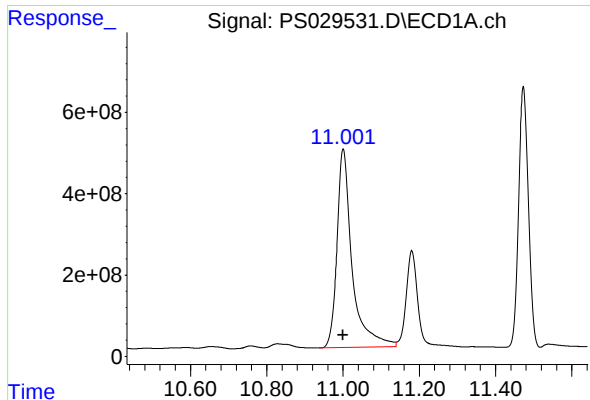
#14 DINOSEB

R.T.: 11.180 min
Delta R.T.: -0.001 min
Response: 4791980004
Conc: 253.99 ng/ml



#14 DINOSEB

R.T.: 11.028 min
Delta R.T.: 0.000 min
Response: 1395615165
Conc: 230.90 ng/ml



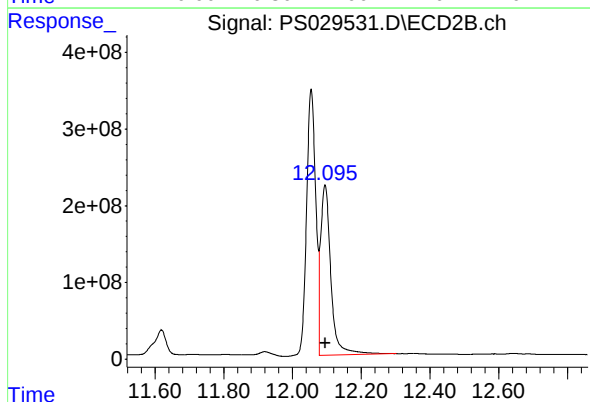
#15 Picloram

R.T.: 11.001 min
Delta R.T.: 0.000 min
Response: 13480212143
Conc: 472.07 ng/ml

Instrument :
ECD_S
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PT-HERB-WP

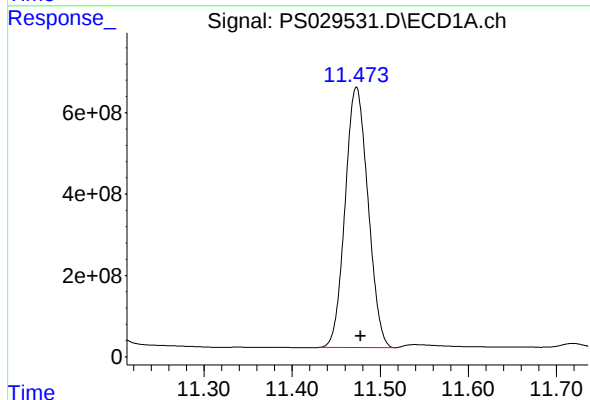
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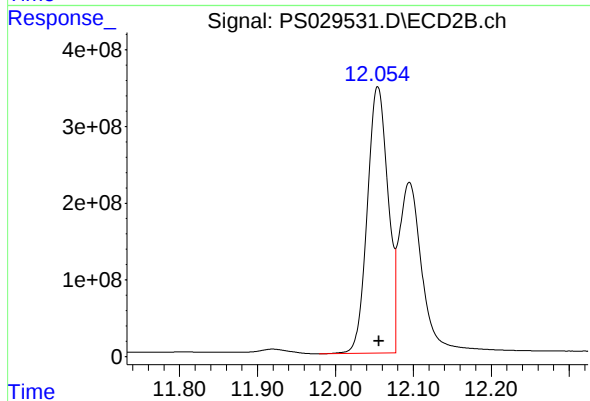
#15 Picloram

R.T.: 12.095 min
Delta R.T.: 0.000 min
Response: 4613733104
Conc: 443.58 ng/ml



#16 DCPA

R.T.: 11.473 min
Delta R.T.: -0.005 min
Response: 11553937790
Conc: 369.20 ng/ml



#16 DCPA

R.T.: 12.054 min
Delta R.T.: -0.001 min
Response: 6436293497
Conc: 524.89 ng/ml