

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082525\
 Data File : PS031528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2025 14:13
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:01:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.290	7.744	2353.5E6	555.8E6	741.495	657.494
Target Compounds							
1) T	Dalapon	2.671	2.691	3167.7E6	1543.3E6	603.493	579.951
2) T	3,5-DICHL...	6.456	6.695	3253.1E6	888.7E6	689.453	657.388
3) T	4-Nitroph...	7.099	7.293	739.0E6	699.4E6	716.275	556.471
5) T	DICAMBA	7.474	7.940	9606.5E6	3672.2E6	687.830	646.201
6) T	MCPD	7.652	8.037	525.6E6	107.1E6	65.328	60.558
7) T	MCPA	7.801	8.284	681.3E6	164.6E6	68.398	58.680
8) T	DICHLORPROP	8.182	8.660	2186.0E6	853.6E6	689.048	639.372
9) T	2,4-D	8.419	9.002	2164.7E6	883.8E6	752.468	619.242
10) T	Pentachlo...	8.713	9.511	36793.1E6	24315.2E6	766.325	698.143
11) T	2,4,5-TP ...	9.292	9.895	13237.3E6	8743.5E6	738.537	666.624
12) T	2,4,5-T	9.588	10.324	11749.5E6	7714.4E6	801.943	651.568
13) T	2,4-DB	10.164	10.893	1436.3E6	573.9E6	747.390	594.824
14) T	DINOSEB	11.362	11.269	9411.3E6	6175.8E6	742.308	653.041
15) T	Picloram	11.192	12.390	9185.1E6	10315.7E6	703.615m	588.466
16) T	DCPA	11.662	12.311	17546.5E6	14081.7E6	770.283	714.793

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

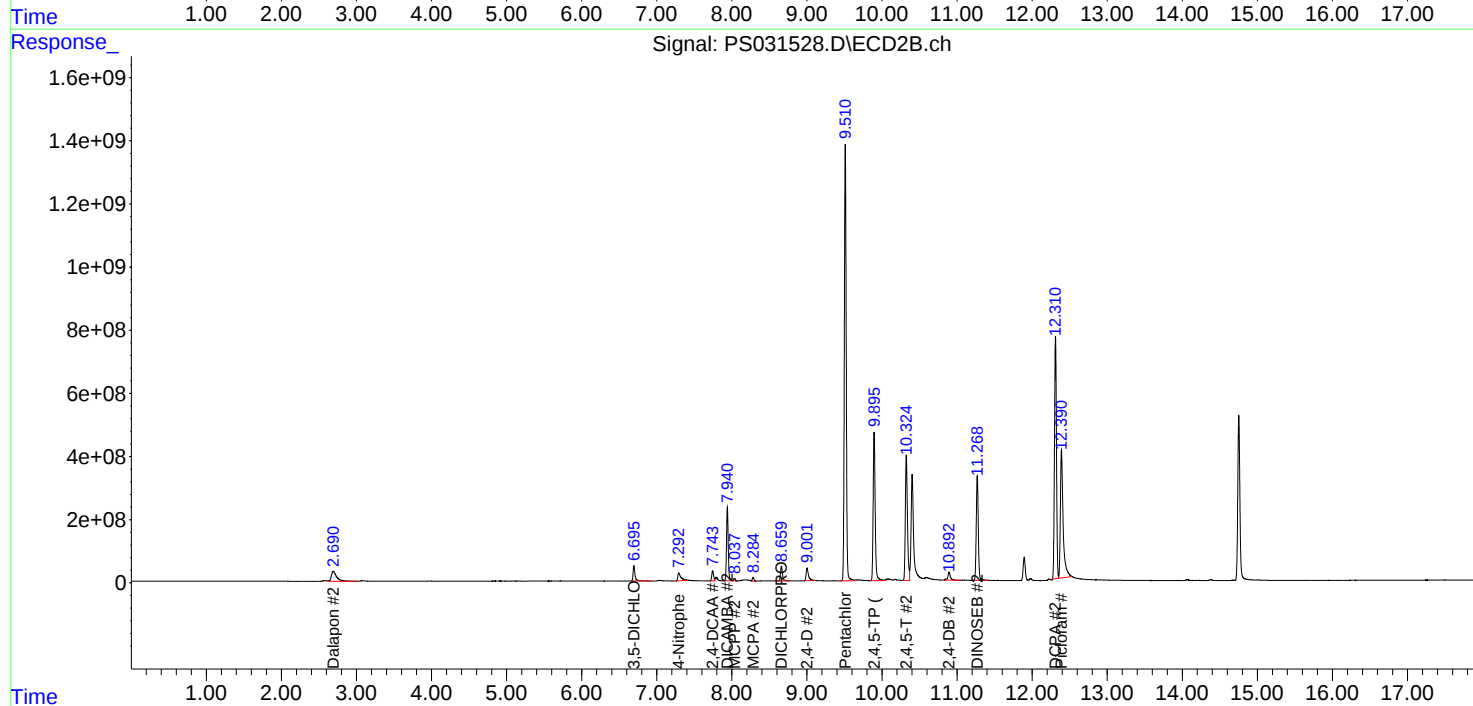
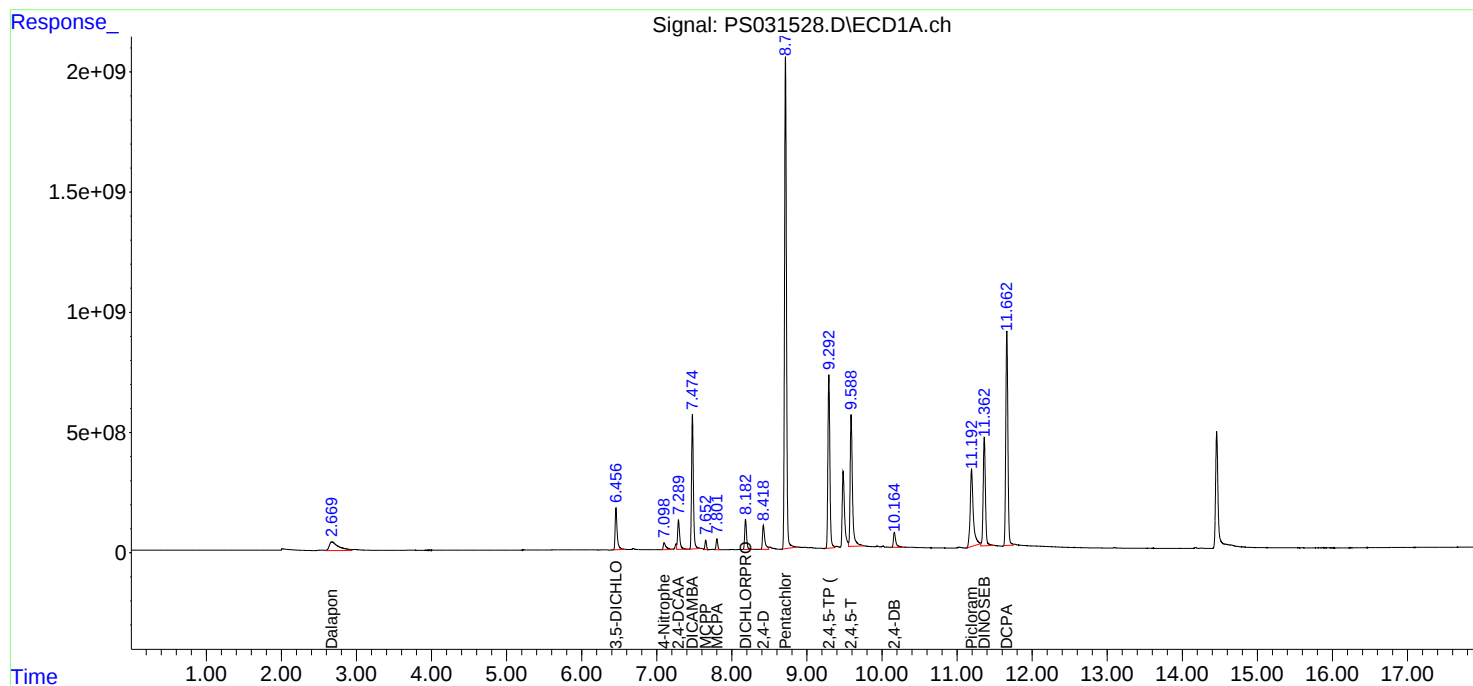
Instrument :
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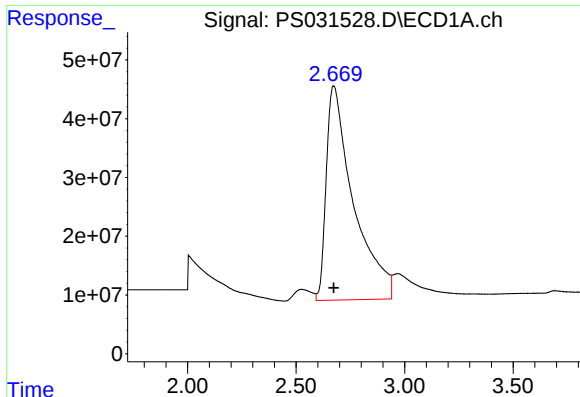
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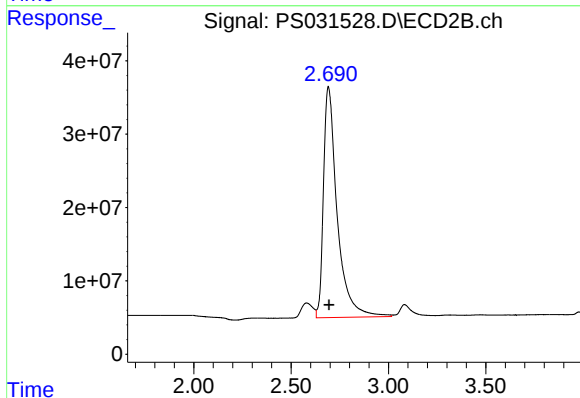
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: -0.003 min
Response: 3167693555
Conc: 603.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

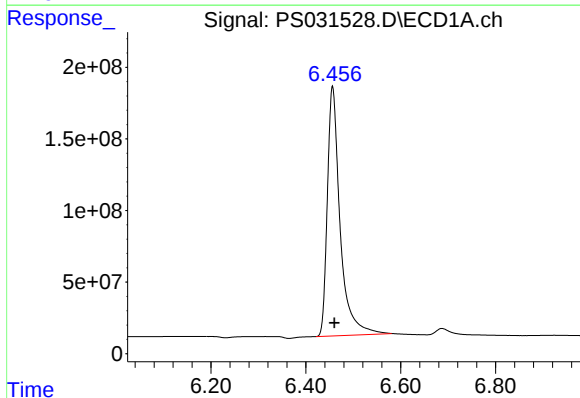
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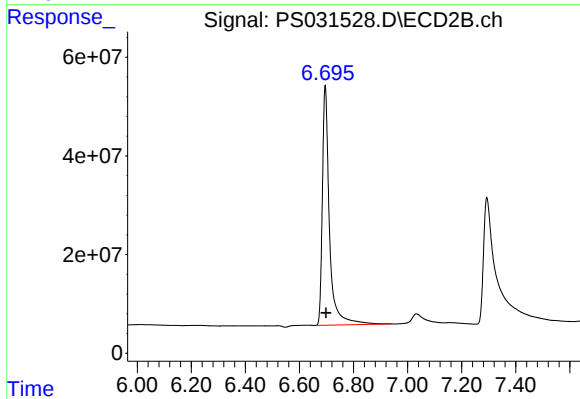
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.003 min
Response: 1543255221
Conc: 579.95 ng/ml



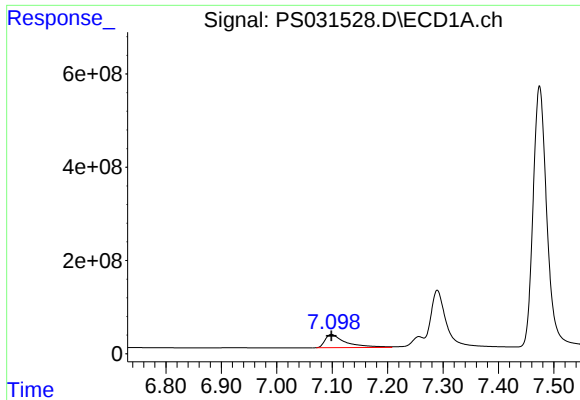
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 3253055756
Conc: 689.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 888741903
Conc: 657.39 ng/ml



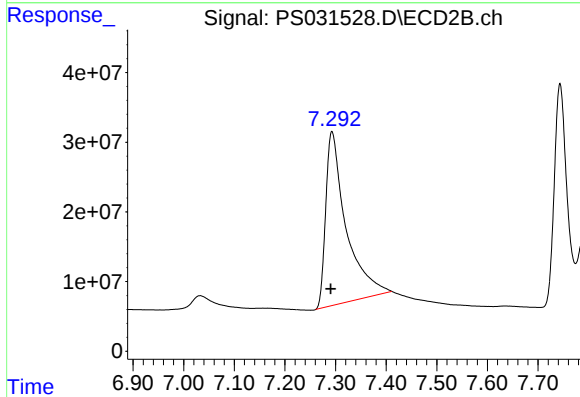
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 738966003
Conc: 716.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

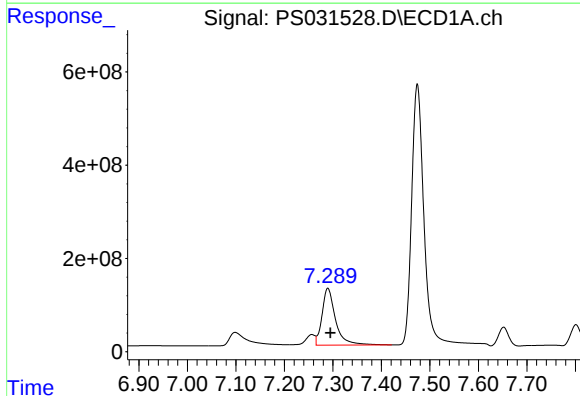
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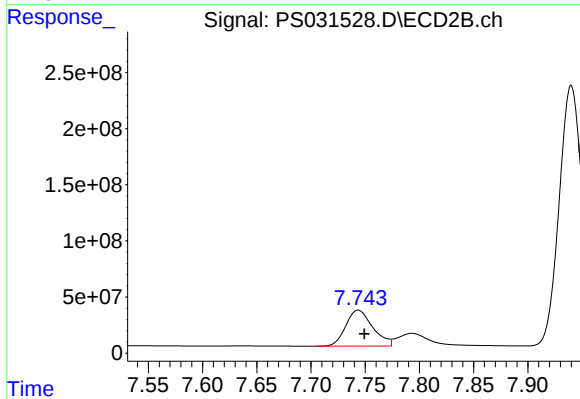
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.003 min
Response: 699422804
Conc: 556.47 ng/ml



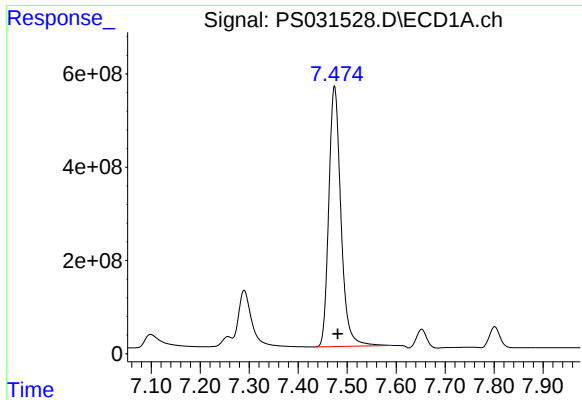
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 2353496592
Conc: 741.50 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: -0.006 min
Response: 555806070
Conc: 657.49 ng/ml



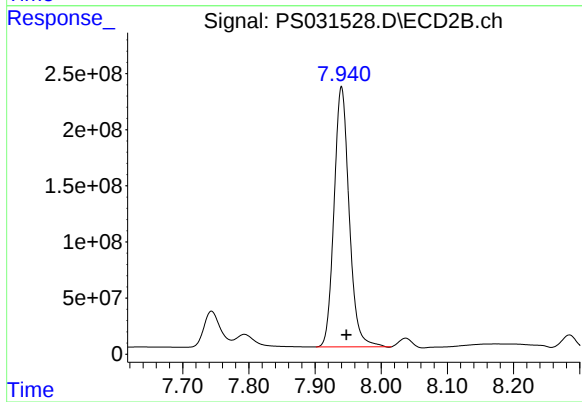
#5 DICAMBA

R.T.: 7.474 min
Delta R.T.: -0.007 min
Response: 9606549554
Conc: 687.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

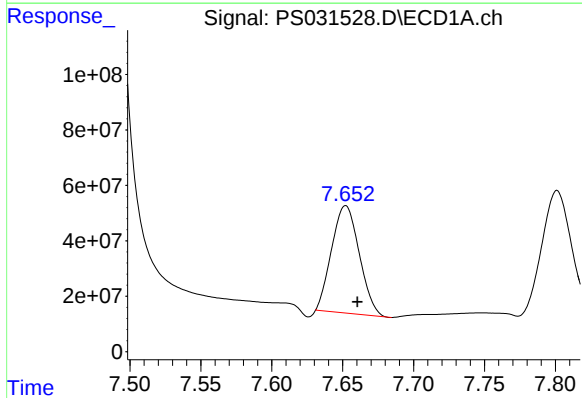
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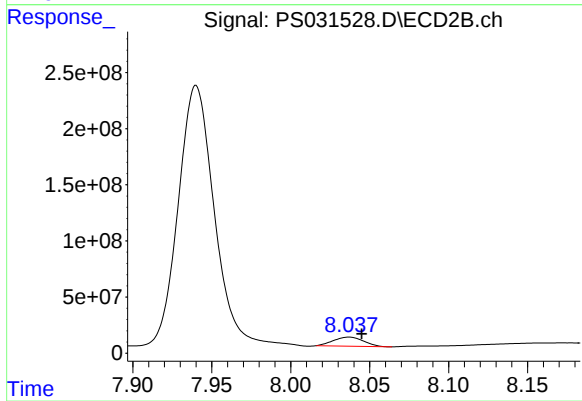
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.007 min
Response: 3672158020
Conc: 646.20 ng/ml



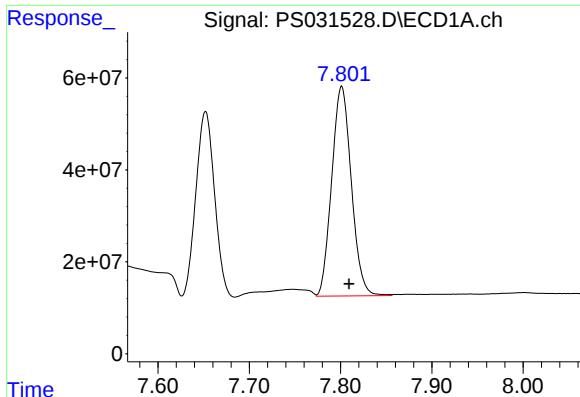
#6 MCPP

R.T.: 7.652 min
Delta R.T.: -0.008 min
Response: 525554252
Conc: 65.33 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: -0.008 min
Response: 107056078
Conc: 60.56 ug/ml



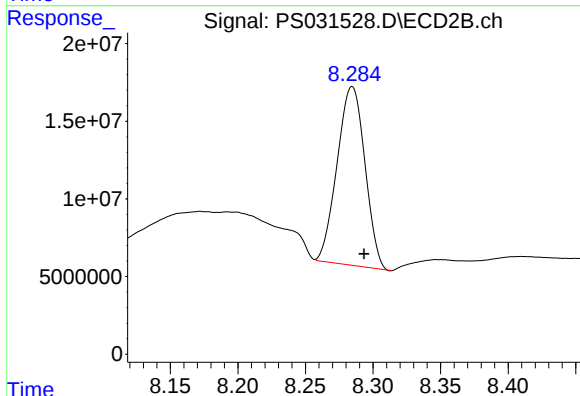
#7 MCPA

R.T.: 7.801 min
Delta R.T.: -0.008 min
Response: 681334933
Conc: 68.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

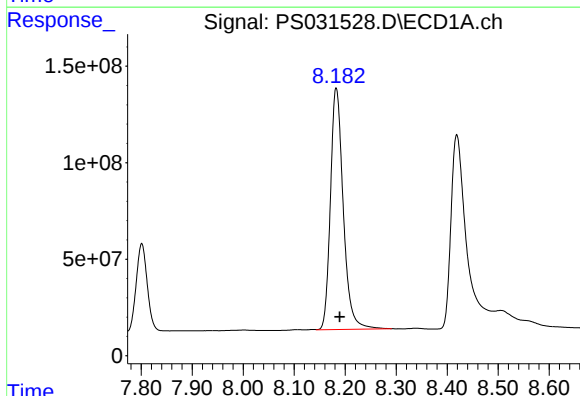
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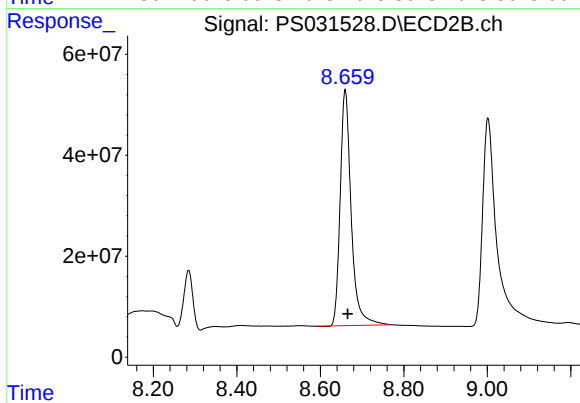
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.009 min
Response: 164628062
Conc: 58.68 ug/ml



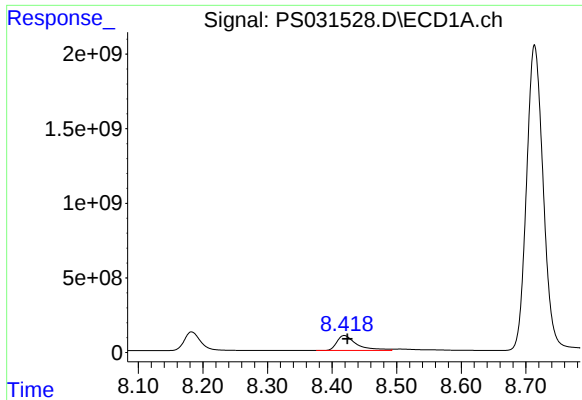
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: -0.007 min
Response: 2185955702
Conc: 689.05 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 853583418
Conc: 639.37 ng/ml



#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.005 min
Response: 2164710078
Conc: 752.47 ng/ml

Instrument :

ECD_S

ClientSampleId :

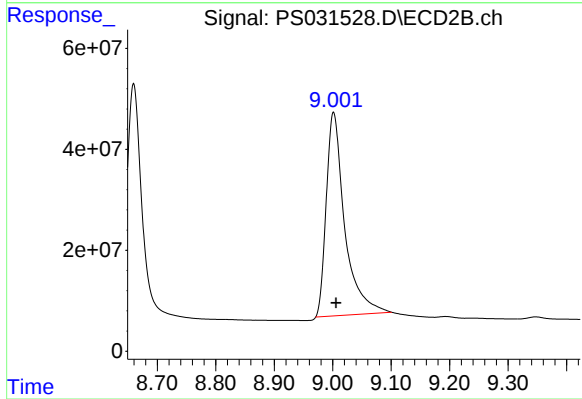
HSTDCCC750

Manual Integrations

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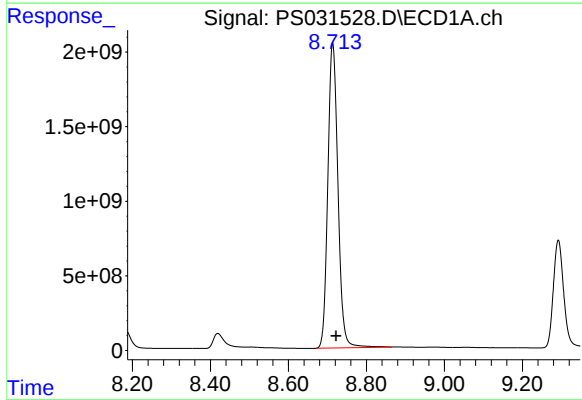
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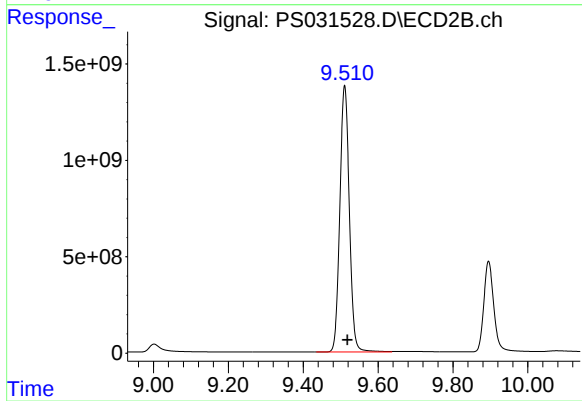
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.004 min
Response: 883835258
Conc: 619.24 ng/ml



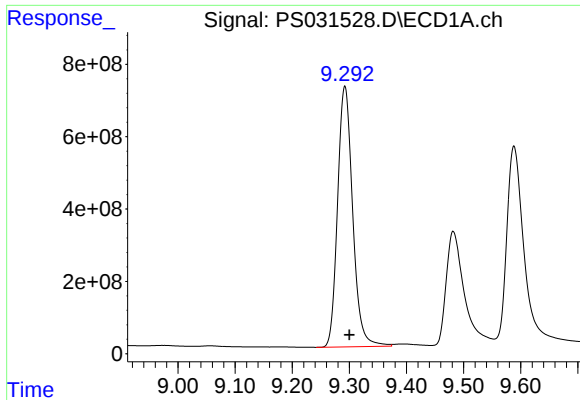
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: -0.009 min
Response: 36793120222
Conc: 766.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: -0.008 min
Response: 24315211757
Conc: 698.14 ng/ml



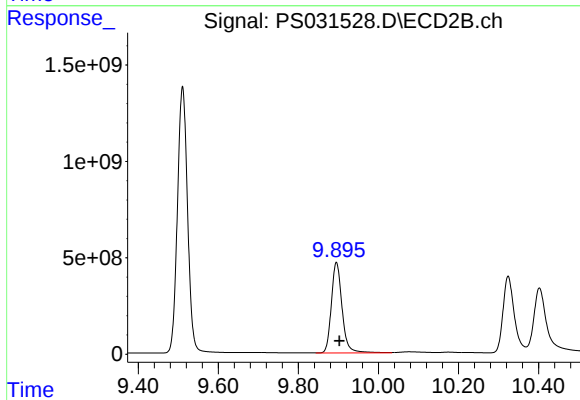
#11 2,4,5-TP (SILVEX)

R.T.: 9.292 min
Delta R.T.: -0.008 min
Response: 13237321538
Conc: 738.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

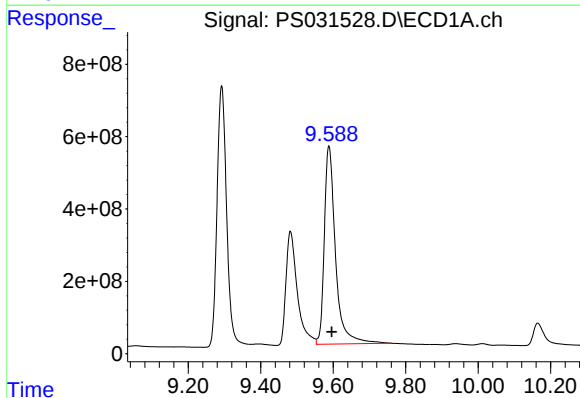
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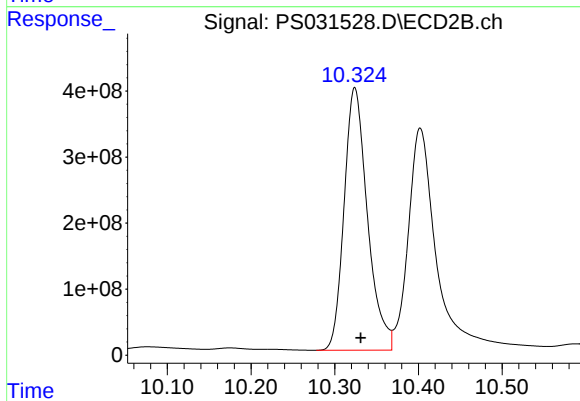
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: -0.008 min
Response: 8743455427
Conc: 666.62 ng/ml



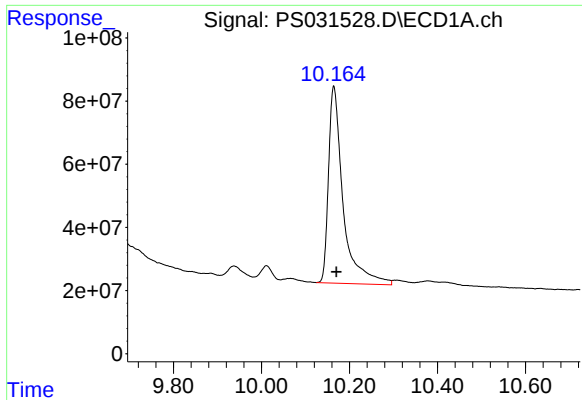
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: -0.007 min
Response: 11749457516
Conc: 801.94 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 7714416272
Conc: 651.57 ng/ml



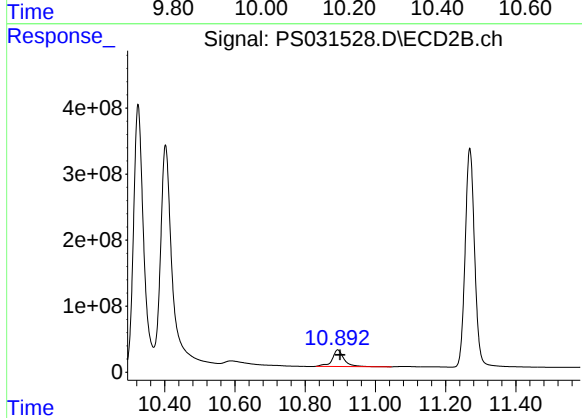
#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 1436273894
Conc: 747.39 ng/ml

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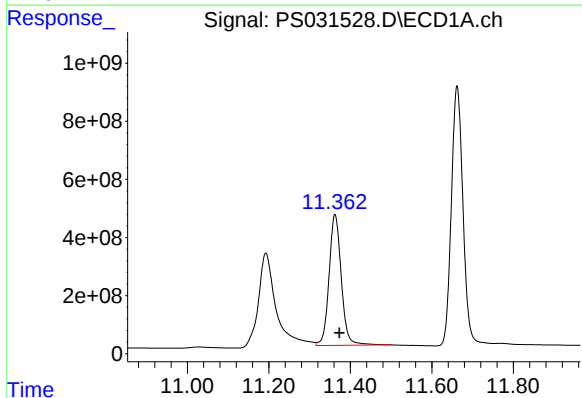
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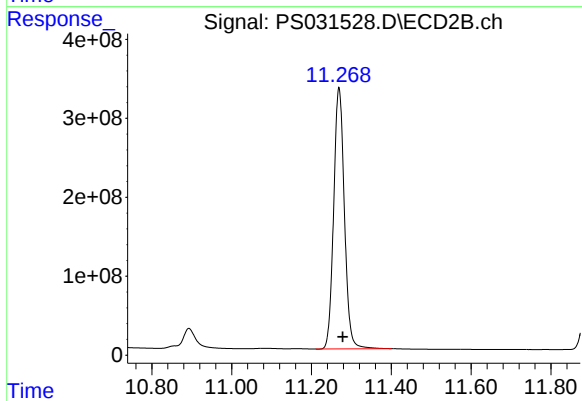
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: -0.007 min
Response: 573913567
Conc: 594.82 ng/ml



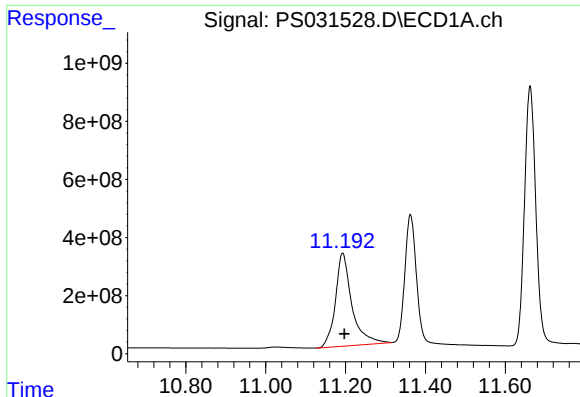
#14 DINOSEB

R.T.: 11.362 min
Delta R.T.: -0.011 min
Response: 9411330839
Conc: 742.31 ng/ml



#14 DINOSEB

R.T.: 11.269 min
Delta R.T.: -0.009 min
Response: 6175775655
Conc: 653.04 ng/ml



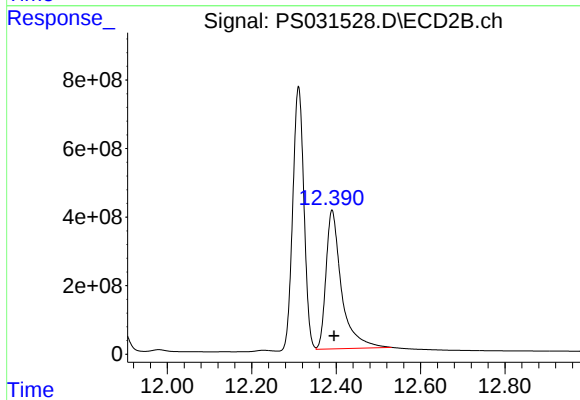
#15 Picloram

R.T.: 11.192 min
Delta R.T.: -0.005 min
Response: 9185095363
Conc: 703.61 ng/ml

Instrument :
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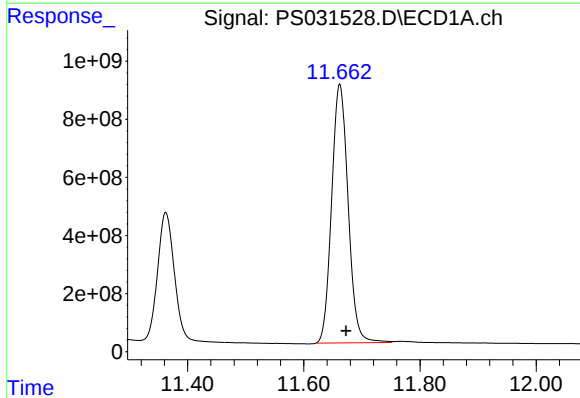
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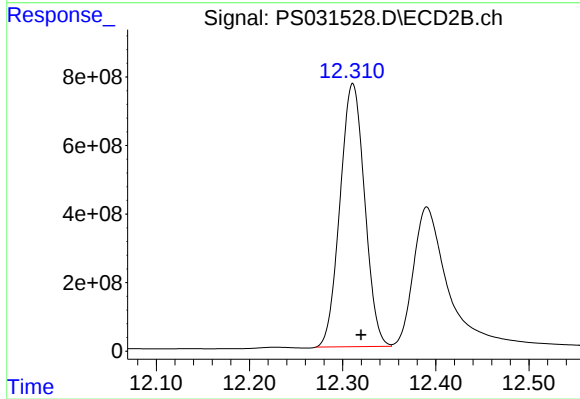
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.005 min
Response: 10315654406
Conc: 588.47 ng/ml



#16 DCPA

R.T.: 11.662 min
Delta R.T.: -0.011 min
Response: 17546517694
Conc: 770.28 ng/ml



#16 DCPA

R.T.: 12.311 min
Delta R.T.: -0.009 min
Response: 14081706441
Conc: 714.79 ng/ml