

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081925\
 Data File : PS031513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 01:10
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:26:42 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	7.286	7.742	2409.7E6	615.2E6	759.193	727.703
Target Compounds							
1) T	Dalapon	2.672	2.695	3185.9E6	1625.8E6	606.953	610.971
2) T	3,5-DICHL...	6.453	6.694	3362.5E6	926.6E6	712.650	685.419
3) T	4-Nitroph...	7.091	7.286	738.3E6	901.9E6	715.600m	717.559m
5) T	DICAMBA	7.472	7.940	9991.3E6	3971.3E6	715.378	698.840
6) T	MCPD	7.651	8.038	597.3E6	118.9E6	74.249m	67.263
7) T	MCPA	7.801	8.286	723.2E6	181.9E6	72.602	64.830
8) T	DICHLORPROP	8.180	8.659	2263.1E6	921.6E6	713.354	690.320
9) T	2,4-D	8.413	8.998	2197.8E6	924.8E6	763.983	647.969
10) T	Pentachlo...	8.712	9.510	37059.8E6	25713.9E6	771.880	738.301
11) T	2,4,5-TP ...	9.289	9.894	13577.7E6	9355.6E6	757.529	713.295
12) T	2,4,5-T	9.584	10.322	11352.9E6	8569.9E6	774.880	723.823
13) T	2,4-DB	10.158	10.889	1639.2E6	649.0E6	852.984	672.683
14) T	DINOSEB	11.360	11.268	8971.8E6	6183.8E6	707.640	653.889
15) T	Picloram	11.183	12.386	10678.6E6	13296.3E6	818.022m	758.501
16) T	DCPA	11.659	12.310	17805.3E6	15020.5E6	781.645m	762.447m

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

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Acq On : 20 Aug 2025 01:10
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

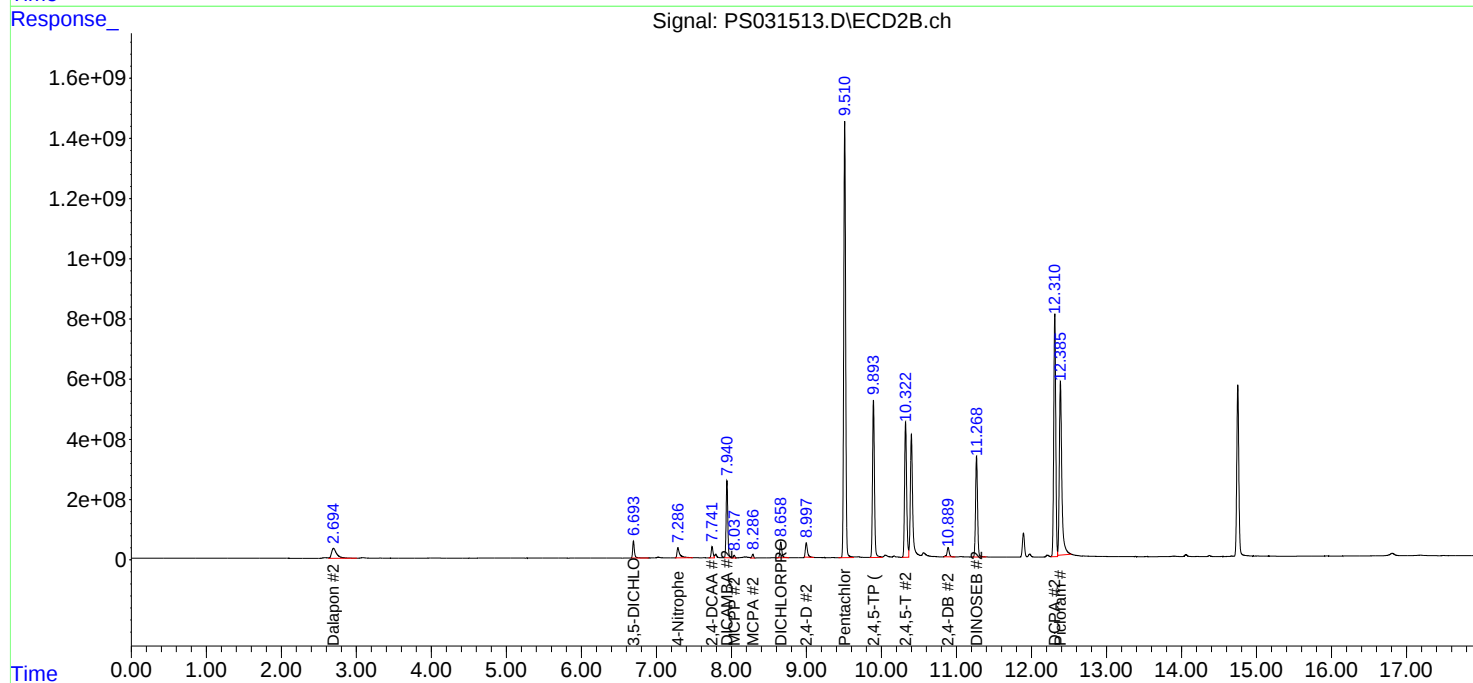
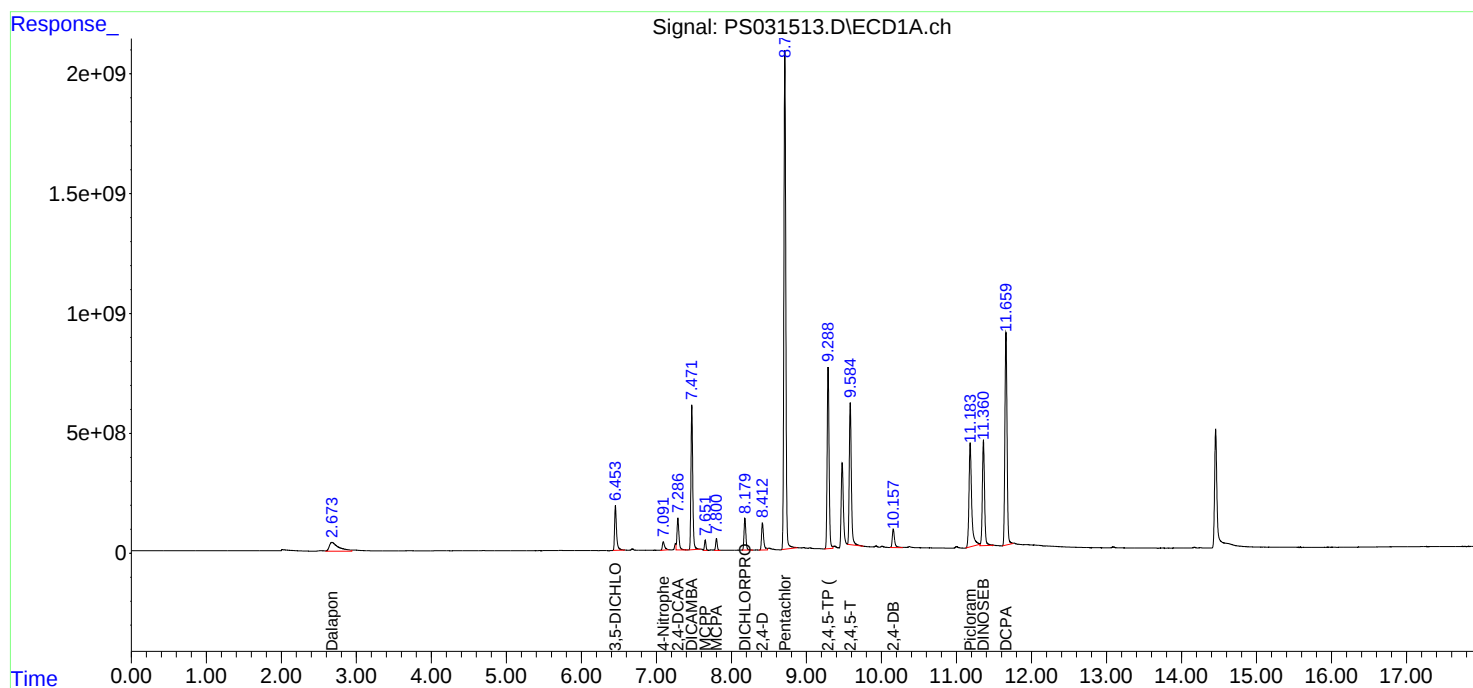
Instrument :
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ClientSampleId :
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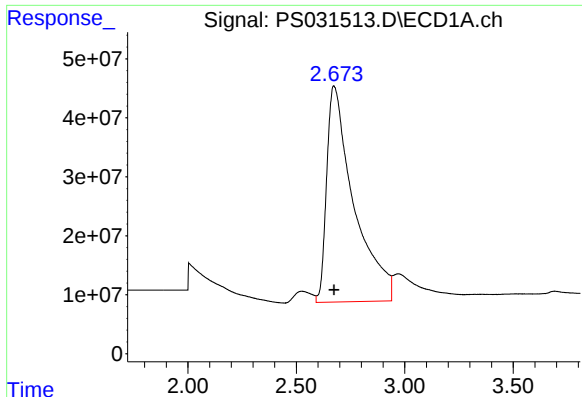
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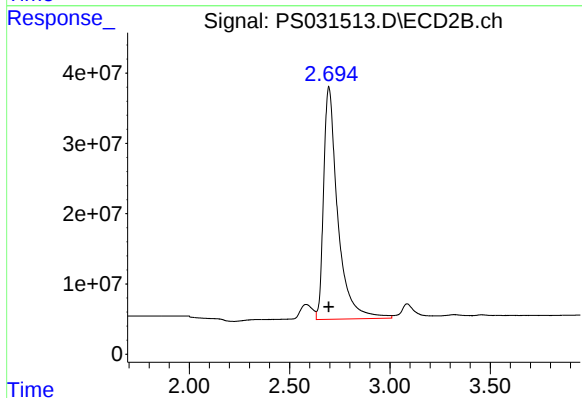
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 3185855949
Conc: 606.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

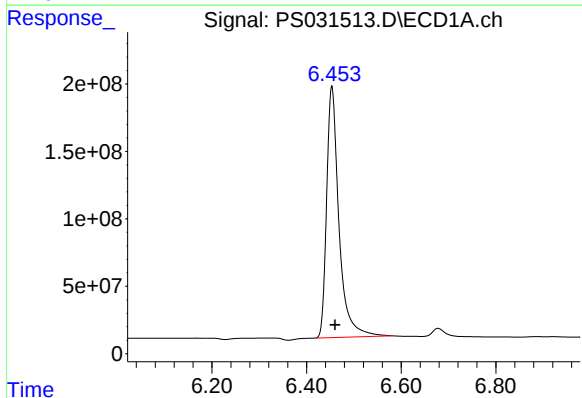
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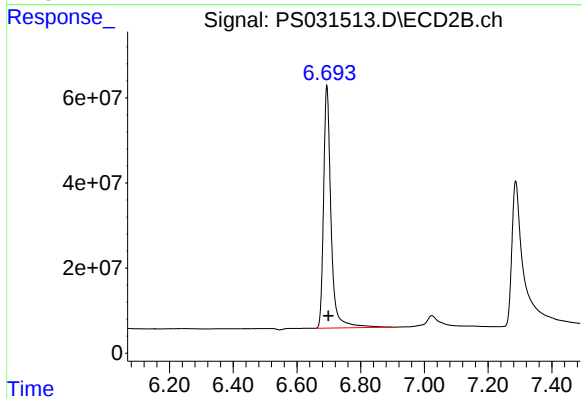
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: 0.000 min
Response: 1625801928
Conc: 610.97 ng/ml



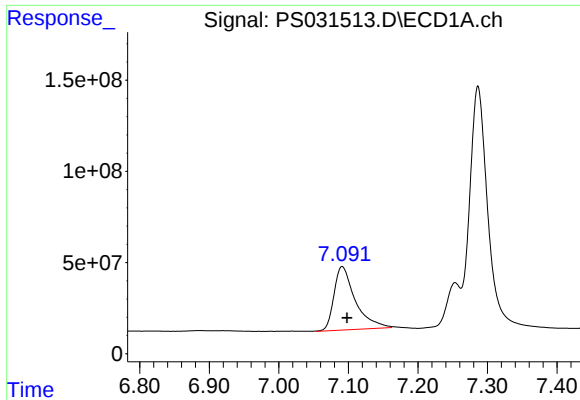
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 3362505108
Conc: 712.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 926638341
Conc: 685.42 ng/ml



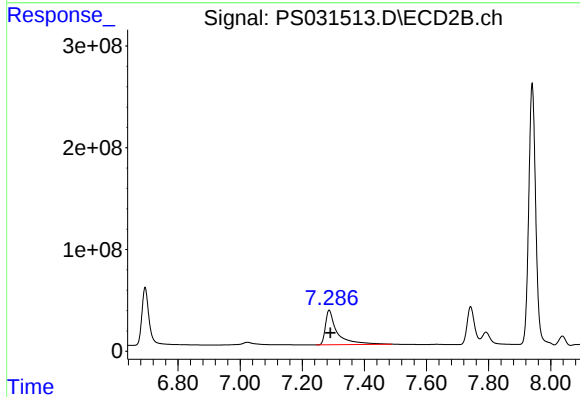
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: -0.008 min
Response: 738269474
Conc: 715.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

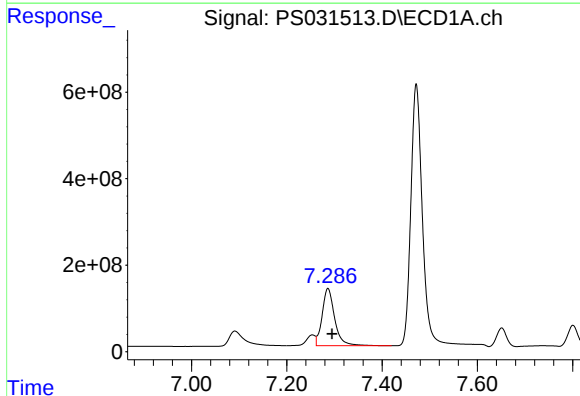
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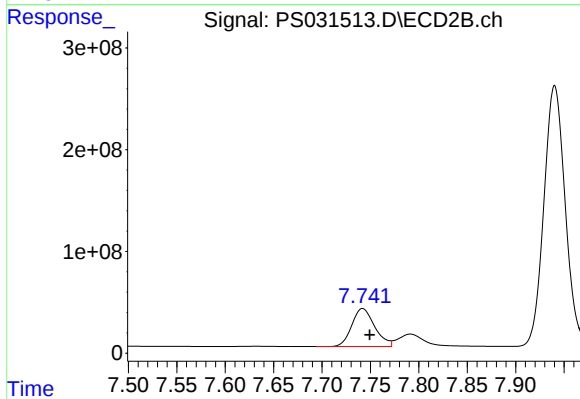
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 901893305
Conc: 717.56 ng/ml m



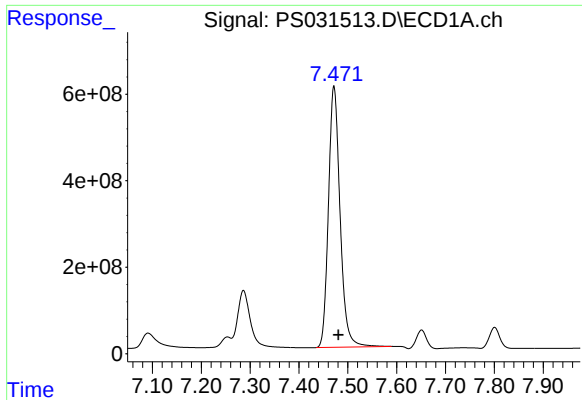
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 2409670662
Conc: 759.19 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 615156354
Conc: 727.70 ng/ml



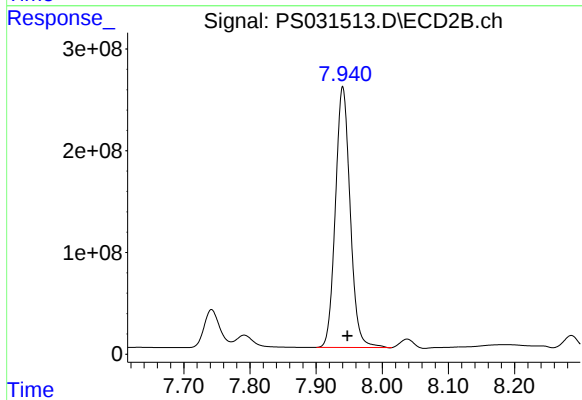
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 9991305962
Conc: 715.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

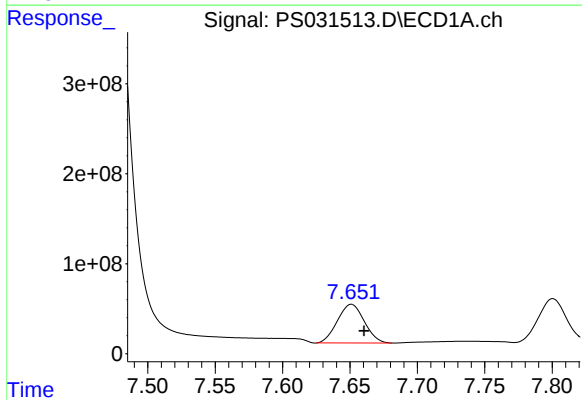
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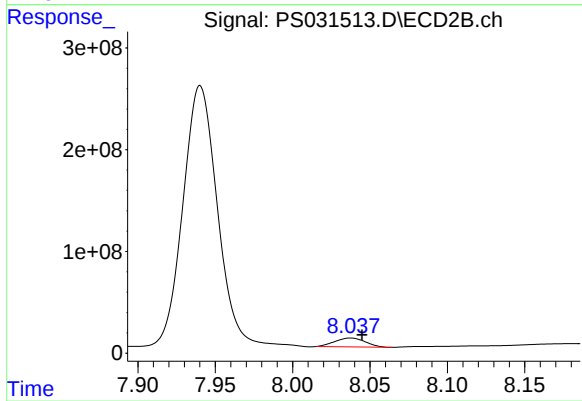
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.007 min
Response: 3971293087
Conc: 698.84 ng/ml



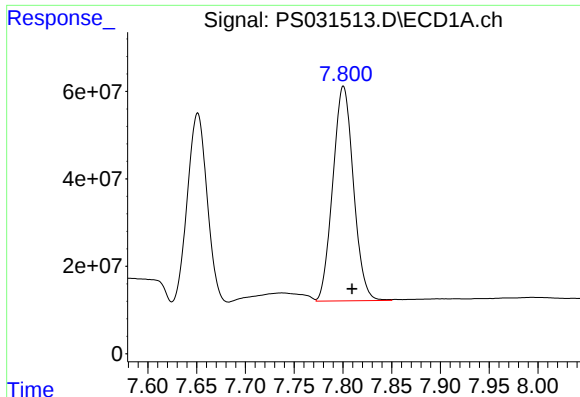
#6 MCPP

R.T.: 7.651 min
Delta R.T.: -0.010 min
Response: 597322800
Conc: 74.25 ug/ml m



#6 MCPP

R.T.: 8.038 min
Delta R.T.: -0.007 min
Response: 118909253
Conc: 67.26 ug/ml



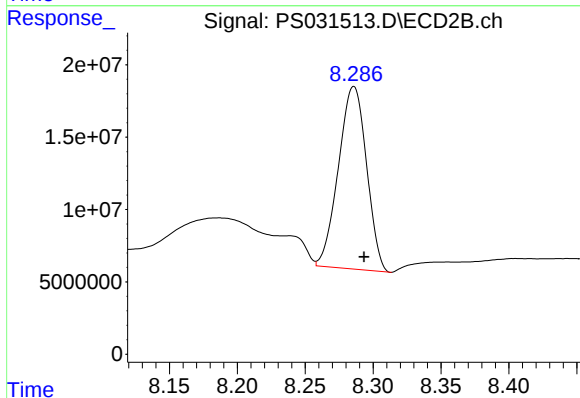
#7 MCPA

R.T.: 7.801 min
Delta R.T.: -0.009 min
Response: 723205998
Conc: 72.60 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

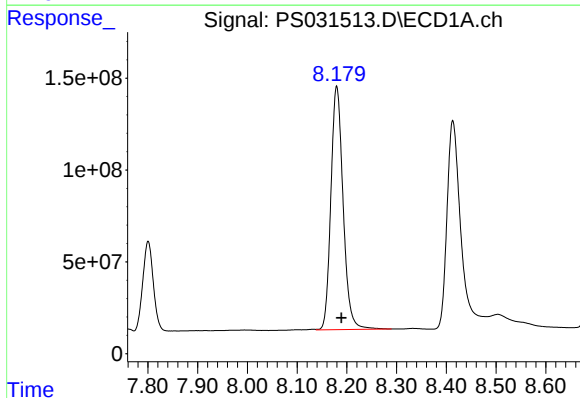
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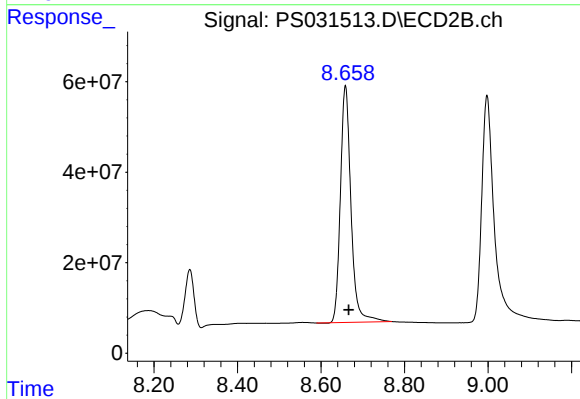
#7 MCPA

R.T.: 8.286 min
Delta R.T.: -0.008 min
Response: 181881563
Conc: 64.83 ug/ml



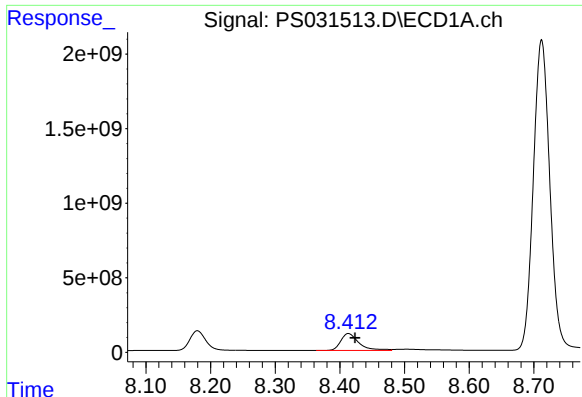
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 2263064886
Conc: 713.35 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.008 min
Response: 921599762
Conc: 690.32 ng/ml



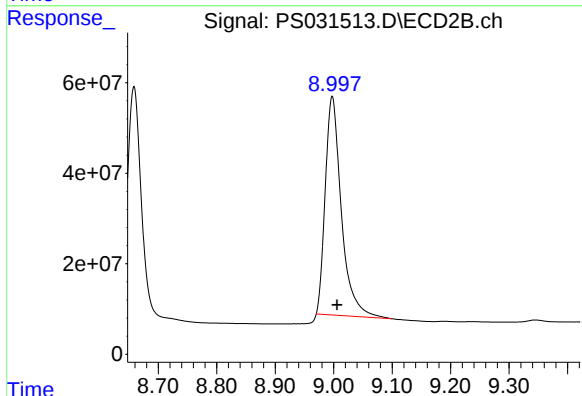
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: -0.011 min
Response: 2197837939
Conc: 763.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

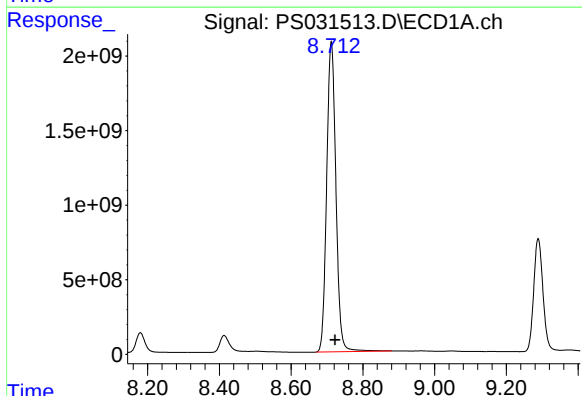
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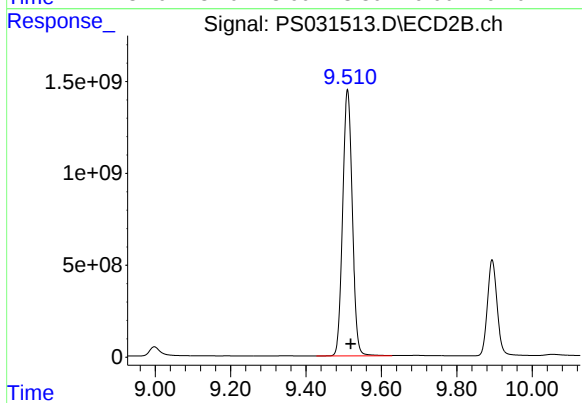
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: -0.008 min
Response: 924837698
Conc: 647.97 ng/ml



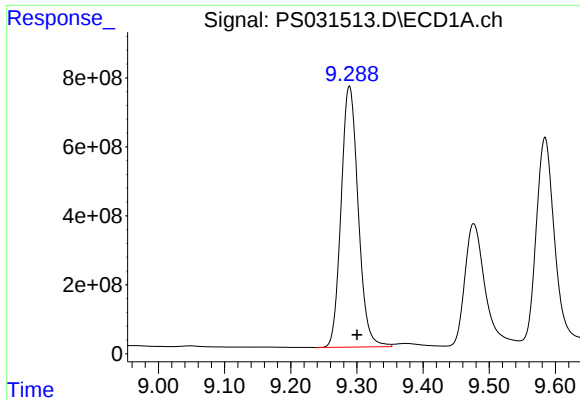
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 37059821555
Conc: 771.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.008 min
Response: 25713859675
Conc: 738.30 ng/ml



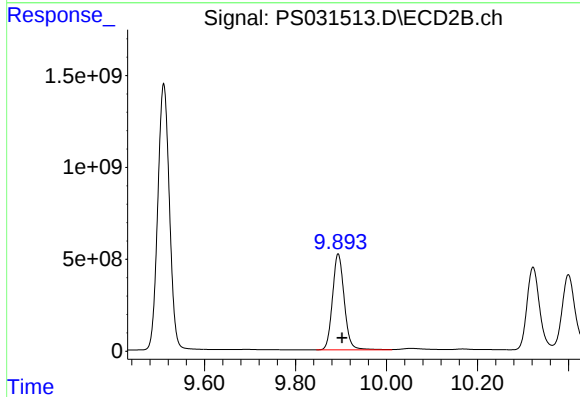
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 13577724138
Conc: 757.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

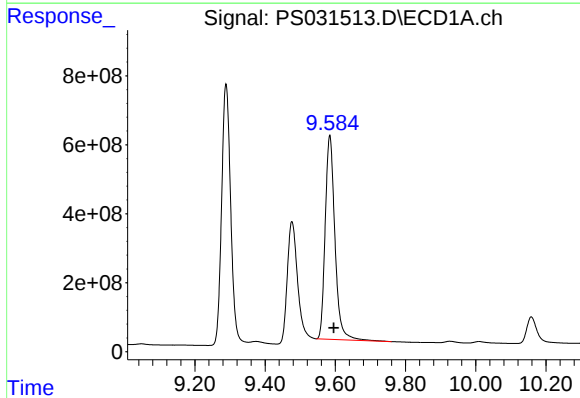
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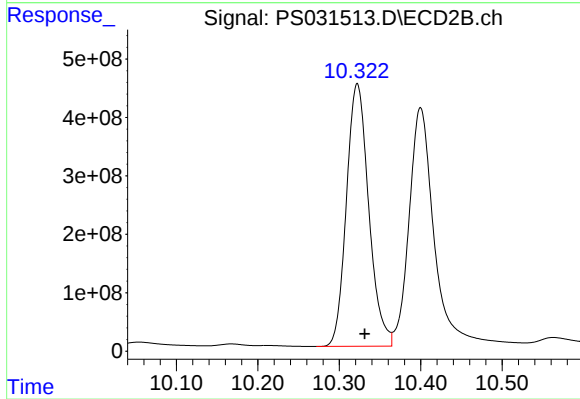
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.009 min
Response: 9355594121
Conc: 713.29 ng/ml



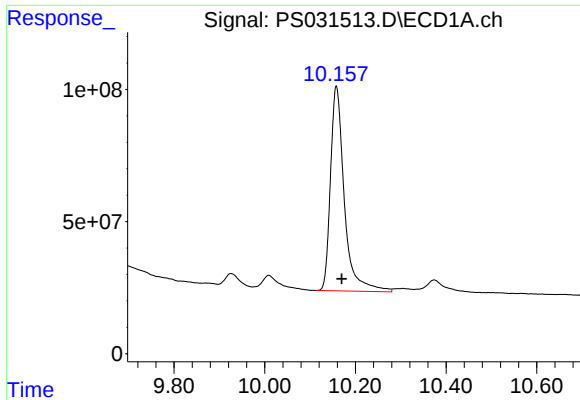
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.011 min
Response: 11352940185
Conc: 774.88 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8569895855
Conc: 723.82 ng/ml



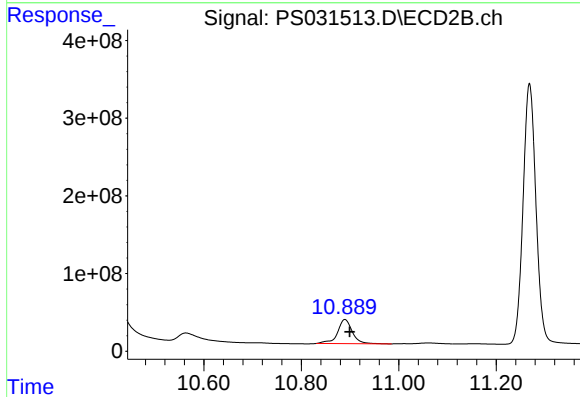
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 1639197540
Conc: 852.98 ng/ml

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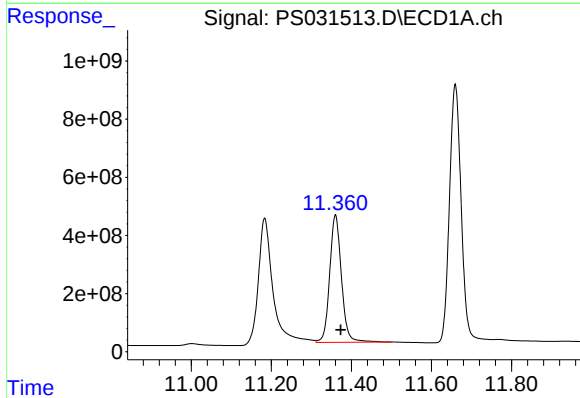
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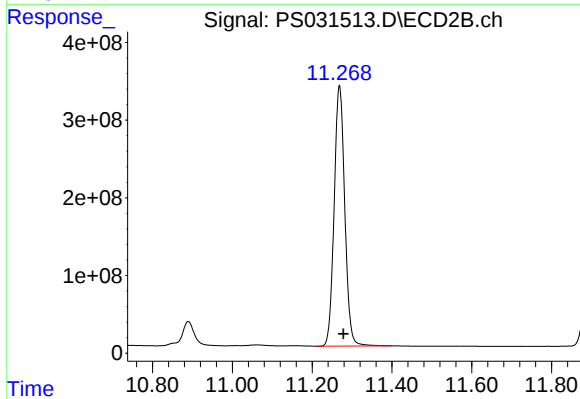
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.010 min
Response: 649035180
Conc: 672.68 ng/ml



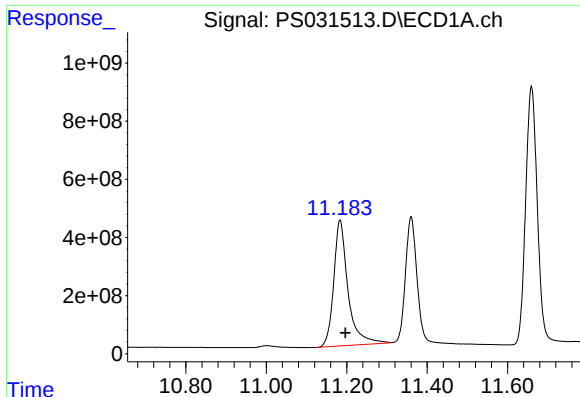
#14 DINOSEB

R.T.: 11.360 min
Delta R.T.: -0.013 min
Response: 8971798806
Conc: 707.64 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.010 min
Response: 6183797615
Conc: 653.89 ng/ml



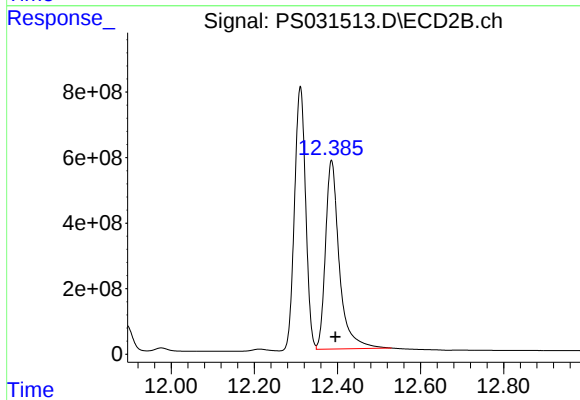
#15 Picloram

R.T.: 11.183 min
Delta R.T.: -0.014 min
Response: 10678587060
Conc: 818.02 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

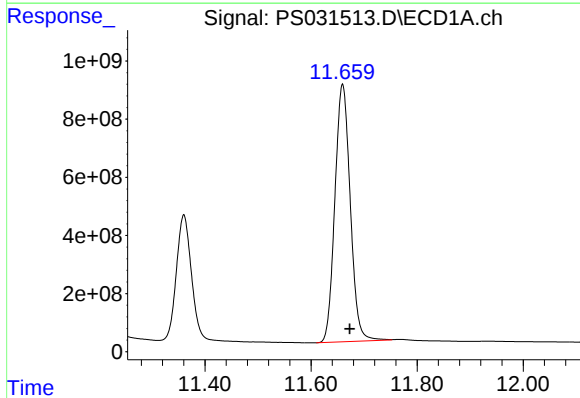
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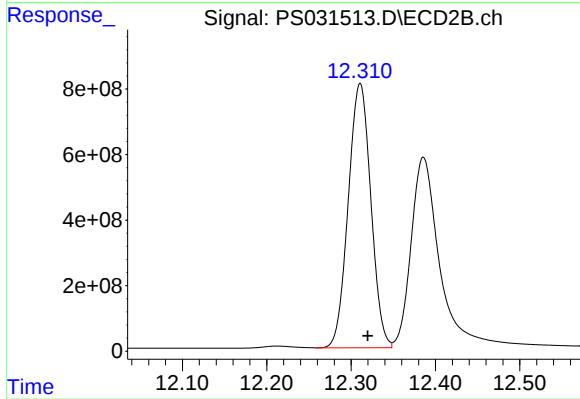
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.010 min
Response: 13296324669
Conc: 758.50 ng/ml



#16 DCPA

R.T.: 11.659 min
Delta R.T.: -0.014 min
Response: 17805333935
Conc: 781.64 ng/ml m



#16 DCPA

R.T.: 12.310 min
Delta R.T.: -0.009 min
Response: 15020514404
Conc: 762.45 ng/ml m