

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 17:46
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2025
 Supervised By : mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:55:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.769	2795.3E6	775.1E6	740.449m	720.576
Target Compounds							
1) T	Dalapon	2.714	2.713	3910.0E6	1816.2E6	692.404	662.848
2) T	3,5-DICHL...	6.518	6.714	3820.6E6	1066.5E6	704.076	681.766
3) T	4-Nitroph...	7.160	7.300	1235.8E6	1091.8E6	673.932	696.630
5) T	DICAMBA	7.552	7.973	11212.0E6	4536.3E6	726.988	704.218
6) T	MCP	7.734	8.072	778.8E6	164.5E6	78.625m	71.174
7) T	MCPA	7.884	8.322	880.7E6	201.3E6	69.408	65.227
8) T	DICHLORPROP	8.267	8.693	2547.7E6	1037.1E6	700.266	698.745
9) T	2,4-D	8.500	9.028	2485.9E6	1099.4E6	682.251	699.235
10) T	Pentachlo...	8.809	9.555	39306.6E6	26528.8E6	773.962	734.098
11) T	2,4,5-TP ...	9.390	9.935	14906.8E6	9816.8E6	721.350	715.678
12) T	2,4,5-T	9.685	10.361	12705.4E6	9251.9E6	689.347	708.569
13) T	2,4-DB	10.264	10.928	1923.5E6	789.9E6	633.503	687.129
14) T	DINOSEB	11.486	11.315	10146.6E6	7121.3E6	705.857	708.577
15) T	Picloram	11.292	12.422	12561.8E6	14941.6E6	627.939m	676.583
16) T	DCPA	11.783	12.358	19306.4E6	15105.7E6	730.195	738.197m

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

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Acq On : 09 Jun 2025 17:46
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

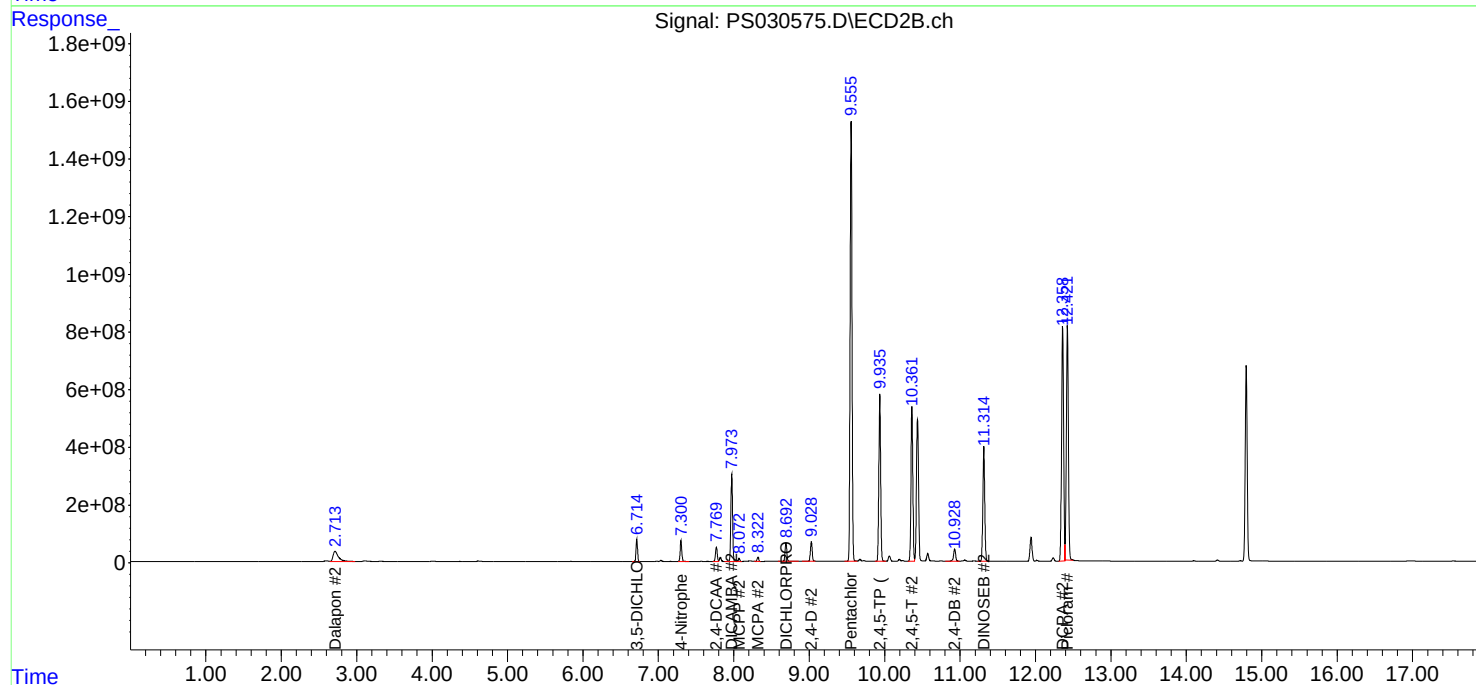
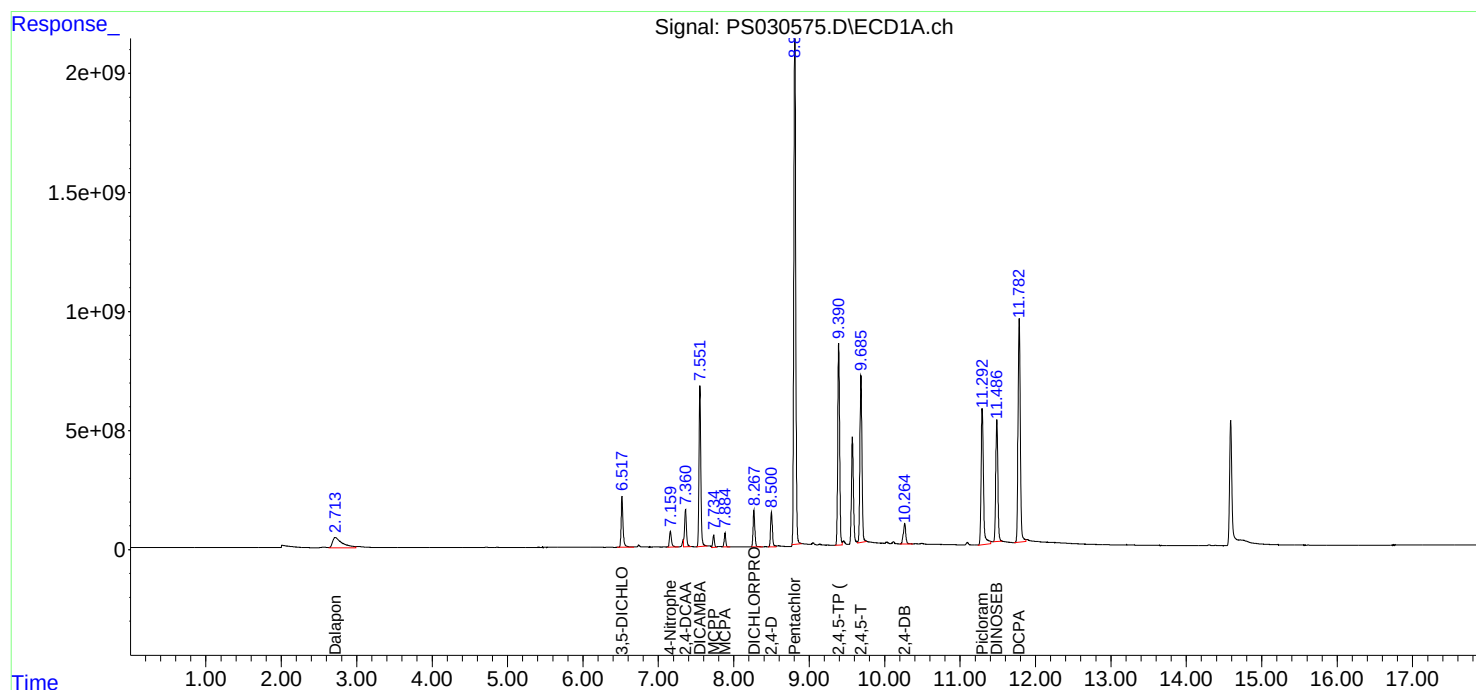
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

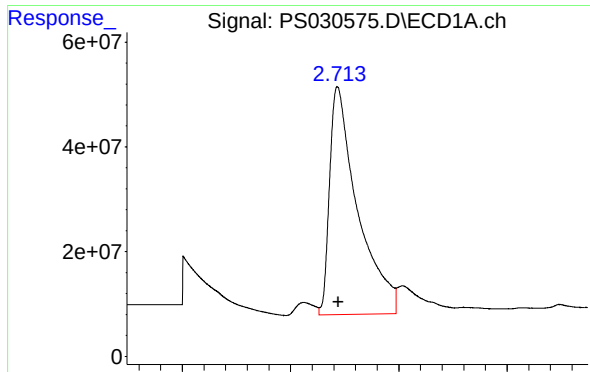
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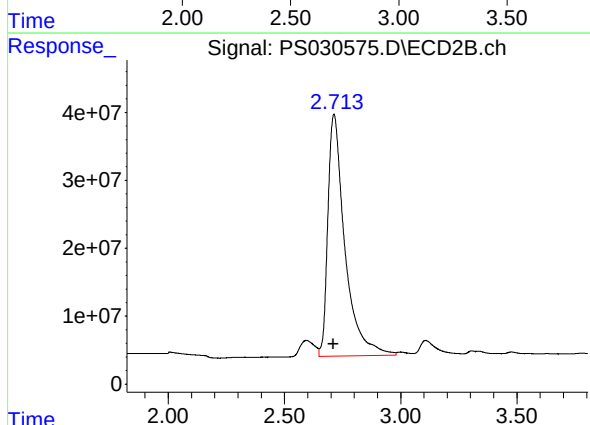
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 3909984501
Conc: 692.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

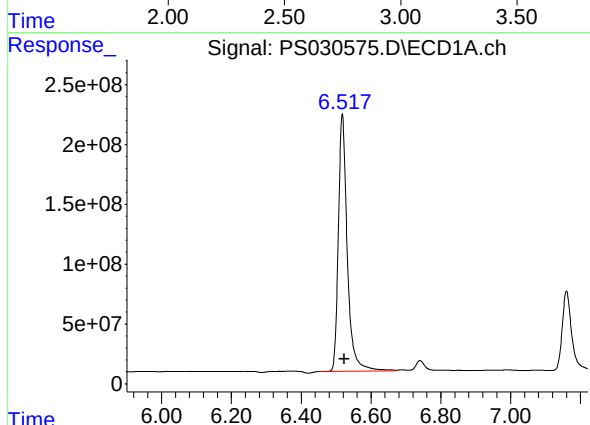
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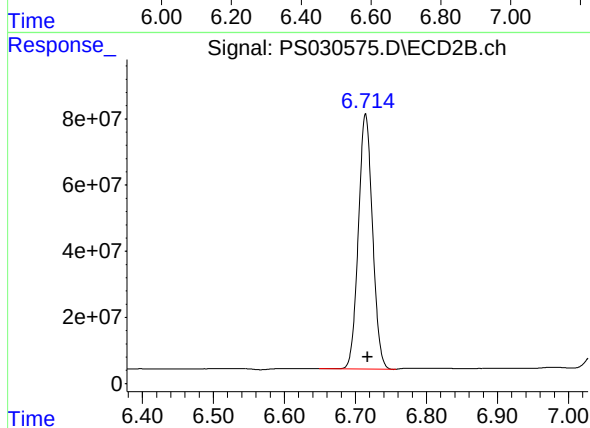
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: 0.003 min
Response: 1816213467
Conc: 662.85 ng/ml



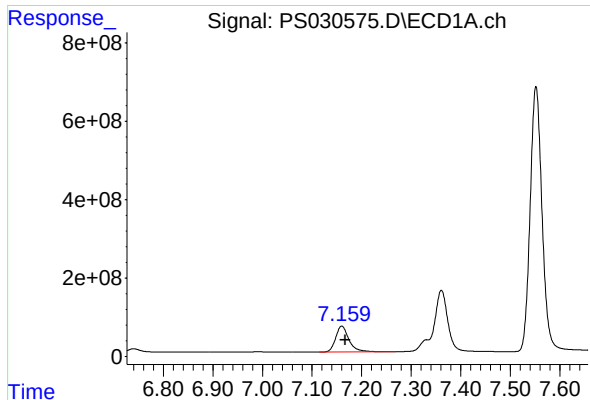
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 3820563147
Conc: 704.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 1066451500
Conc: 681.77 ng/ml



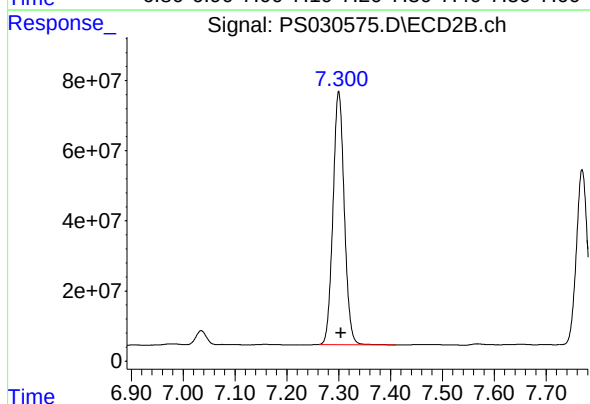
#3 4-Nitrophenol

R.T.: 7.160 min
Delta R.T.: -0.007 min
Response: 1235825603
Conc: 673.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

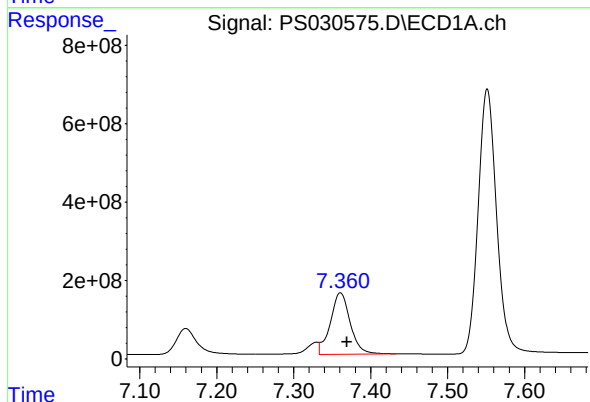
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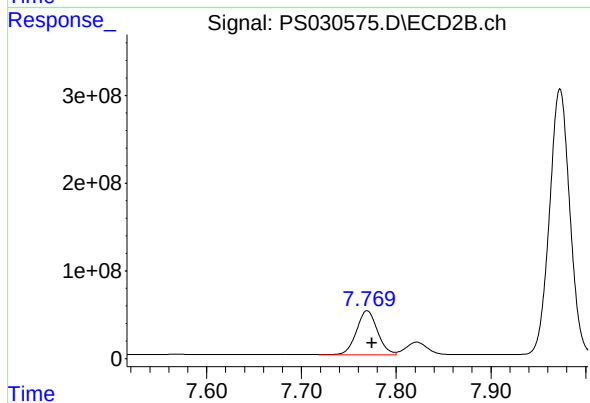
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1091787698
Conc: 696.63 ng/ml



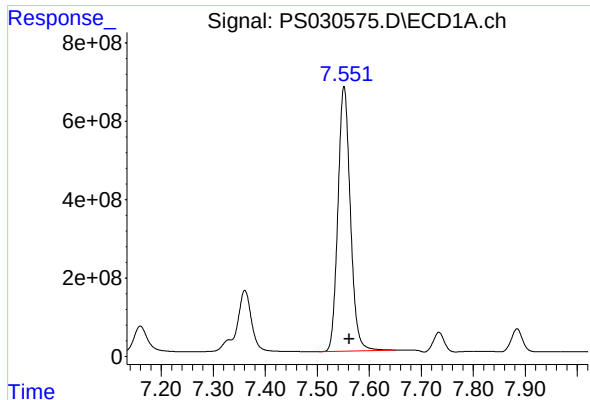
#4 2,4-DCAA

R.T.: 7.360 min
Delta R.T.: -0.009 min
Response: 2795302407
Conc: 740.45 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 775059141
Conc: 720.58 ng/ml



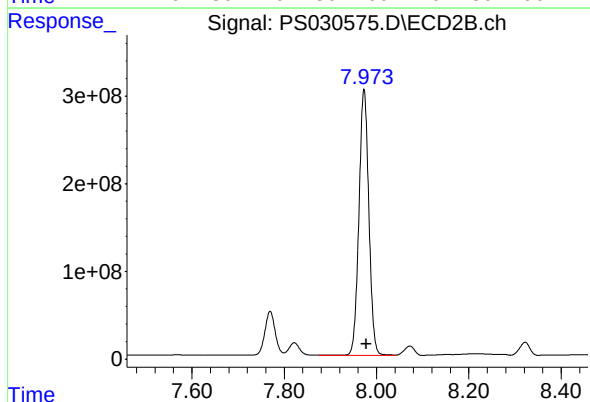
#5 DICAMBA

R.T.: 7.552 min
Delta R.T.: -0.010 min
Response: 11211997567
Conc: 726.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

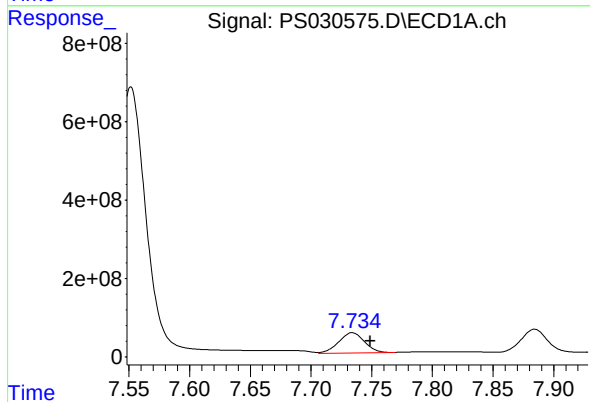
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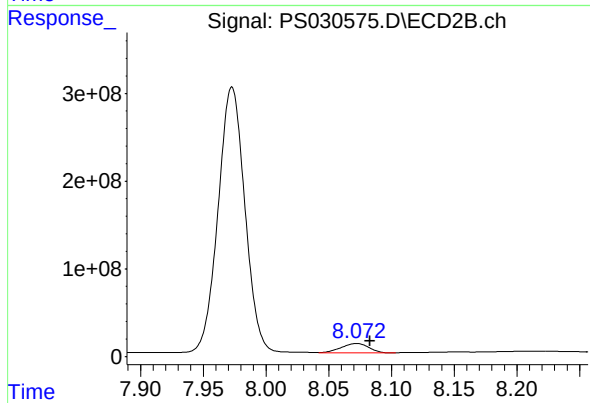
#5 DICAMBA

R.T.: 7.973 min
Delta R.T.: -0.006 min
Response: 4536321065
Conc: 704.22 ng/ml



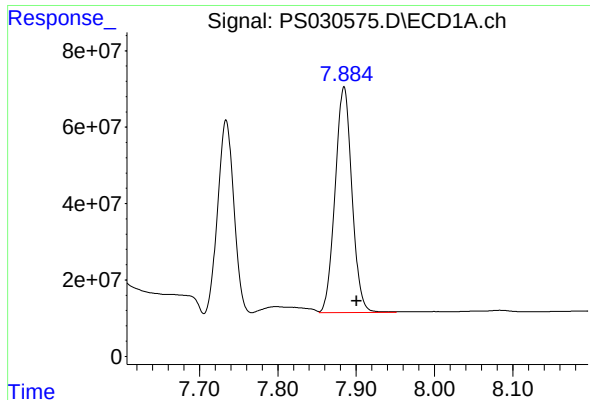
#6 MCPP

R.T.: 7.734 min
Delta R.T.: -0.015 min
Response: 778771303
Conc: 78.62 ug/ml m



#6 MCPP

R.T.: 8.072 min
Delta R.T.: -0.011 min
Response: 164525275
Conc: 71.17 ug/ml



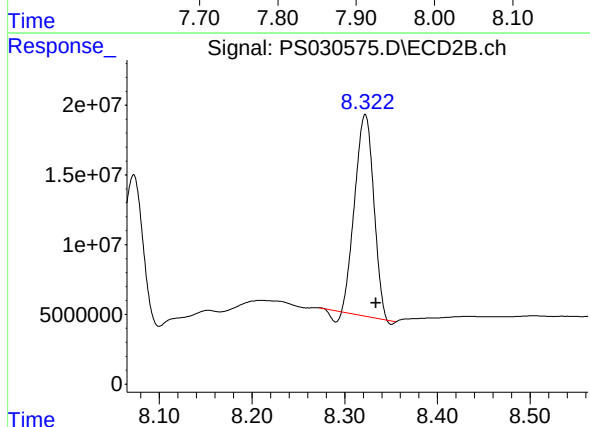
#7 MCPA

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 880744553
Conc: 69.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

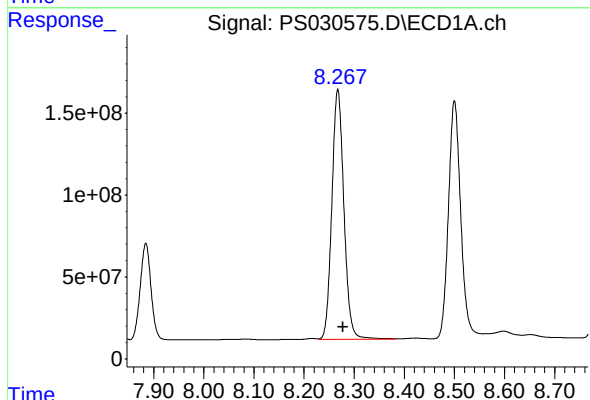
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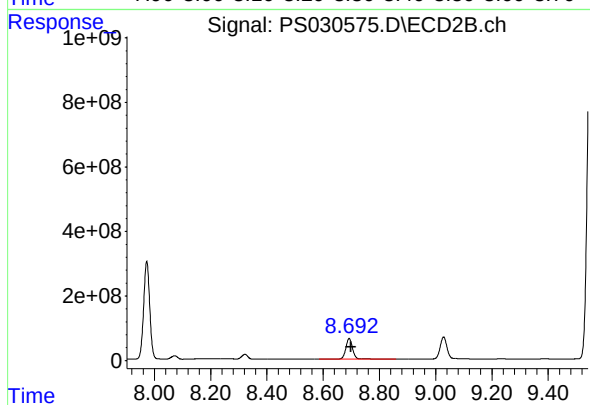
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 201284574
Conc: 65.23 ug/ml



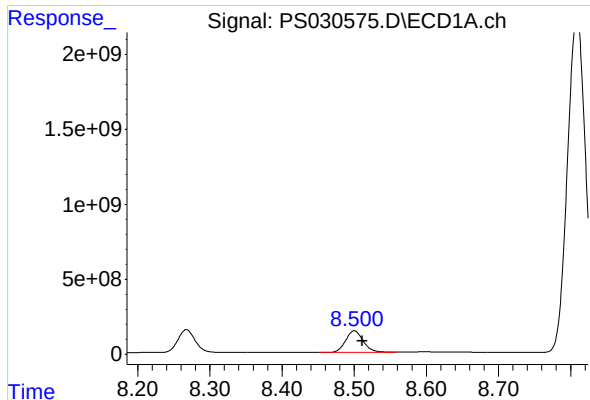
#8 DICHLORPROP

R.T.: 8.267 min
Delta R.T.: -0.011 min
Response: 2547667877
Conc: 700.27 ng/ml



#8 DICHLORPROP

R.T.: 8.693 min
Delta R.T.: -0.006 min
Response: 1037079874
Conc: 698.74 ng/ml



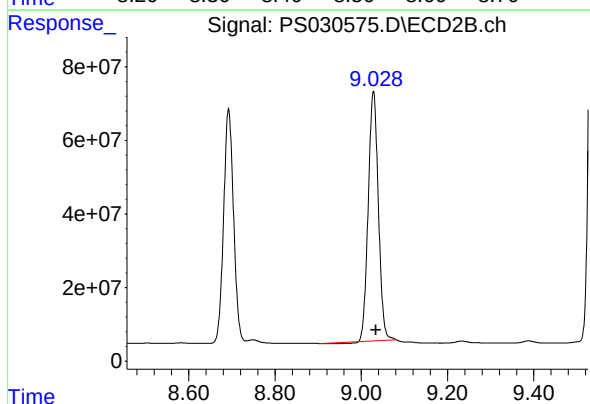
#9 2,4-D

R.T.: 8.500 min
Delta R.T.: -0.011 min
Response: 2485857482
Conc: 682.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

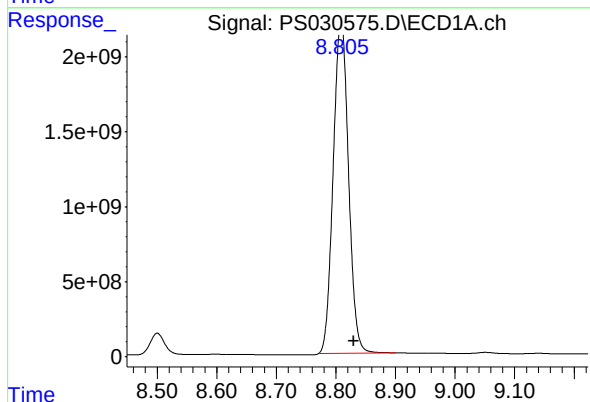
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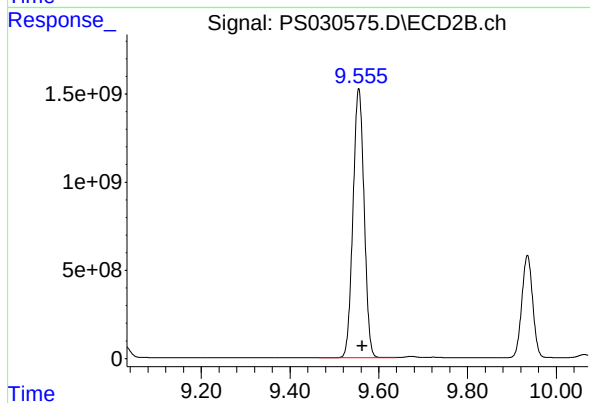
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: -0.006 min
Response: 1099422082
Conc: 699.24 ng/ml



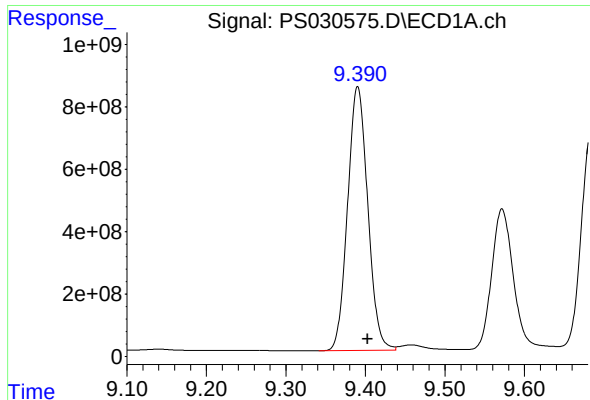
#10 Pentachlorophenol

R.T.: 8.809 min
Delta R.T.: -0.021 min
Response: 39306586721
Conc: 773.96 ng/ml



#10 Pentachlorophenol

R.T.: 9.555 min
Delta R.T.: -0.008 min
Response: 26528834358
Conc: 734.10 ng/ml



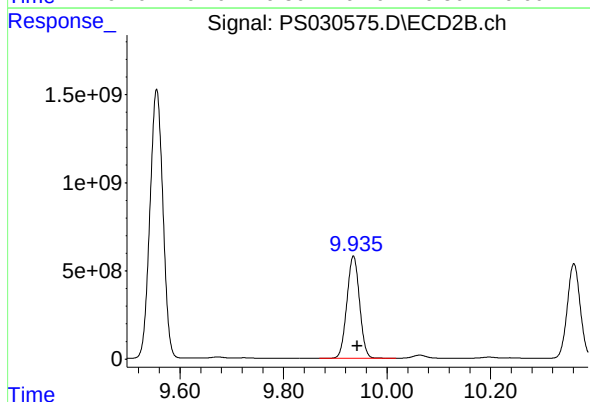
#11 2,4,5-TP (SILVEX)

R.T.: 9.390 min
Delta R.T.: -0.013 min
Response: 14906756078
Conc: 721.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

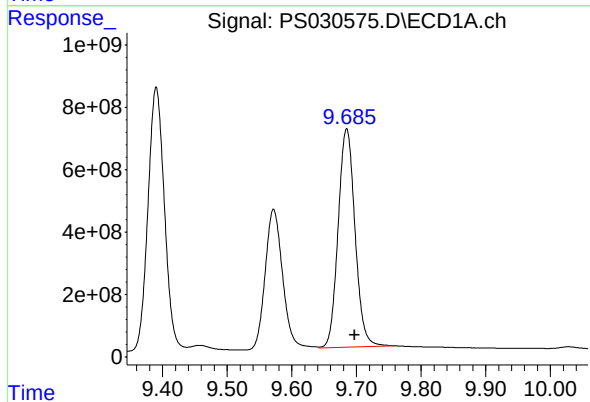
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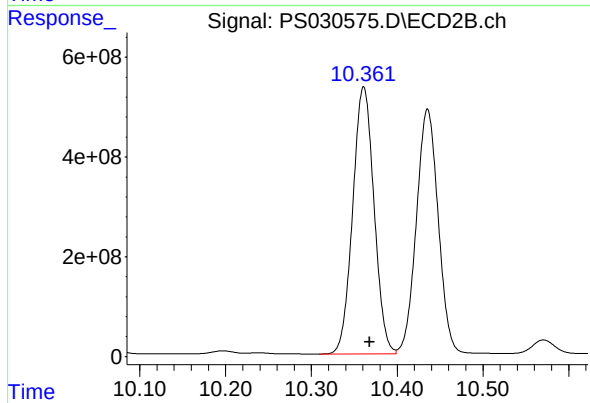
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: -0.007 min
Response: 9816776100
Conc: 715.68 ng/ml



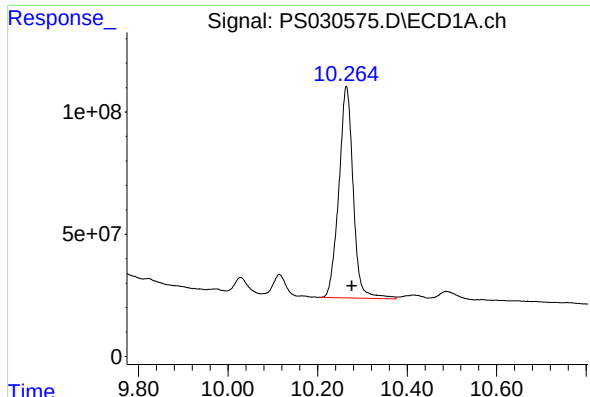
#12 2,4,5-T

R.T.: 9.685 min
Delta R.T.: -0.012 min
Response: 12705389378
Conc: 689.35 ng/ml



#12 2,4,5-T

R.T.: 10.361 min
Delta R.T.: -0.007 min
Response: 9251881762
Conc: 708.57 ng/ml



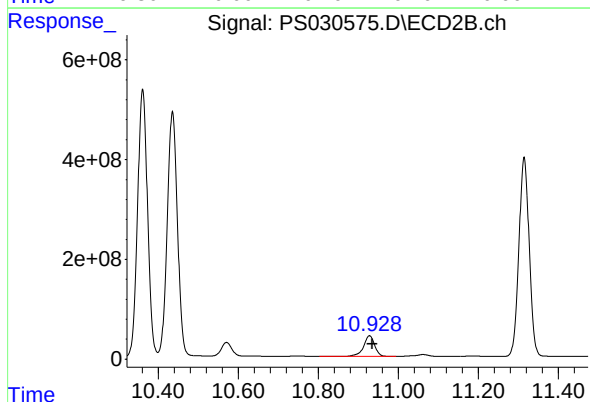
#13 2,4-DB

R.T.: 10.264 min
Delta R.T.: -0.013 min
Response: 1923544239
Conc: 633.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

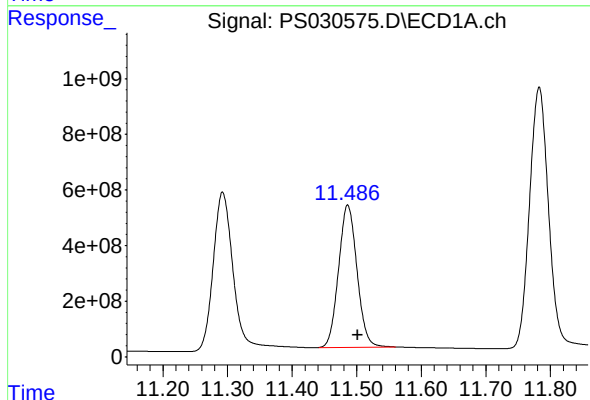
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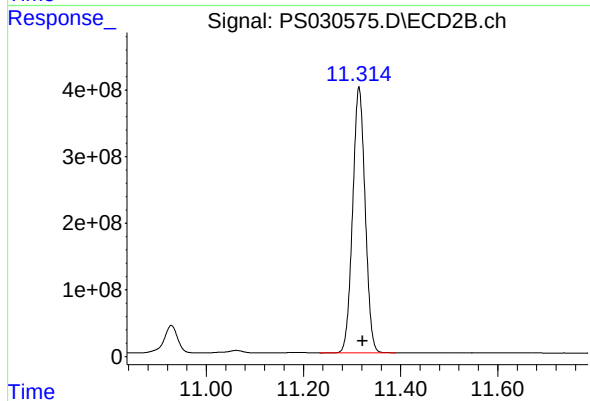
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: -0.007 min
Response: 789890831
Conc: 687.13 ng/ml



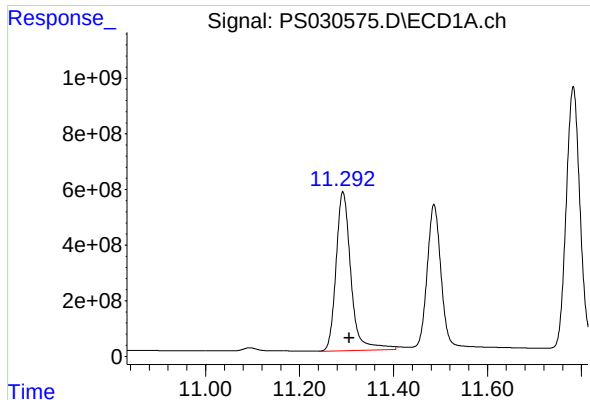
#14 DINOSEB

R.T.: 11.486 min
Delta R.T.: -0.015 min
Response: 10146643347
Conc: 705.86 ng/ml



#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: -0.007 min
Response: 7121284192
Conc: 708.58 ng/ml



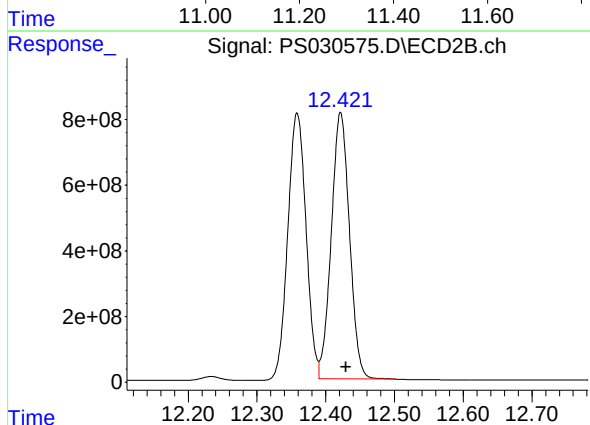
#15 Picloram

R.T.: 11.292 min
Delta R.T.: -0.015 min
Response: 12561803845
Conc: 627.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

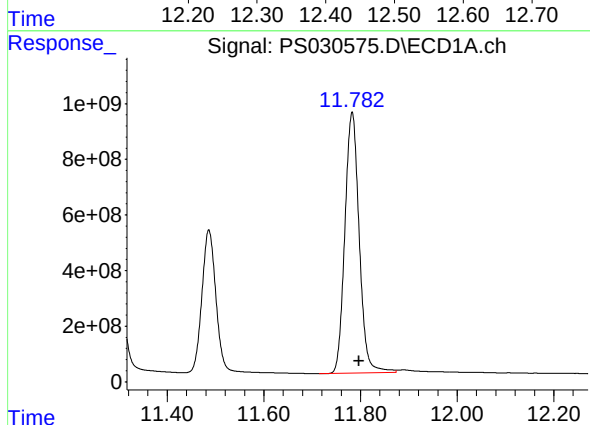
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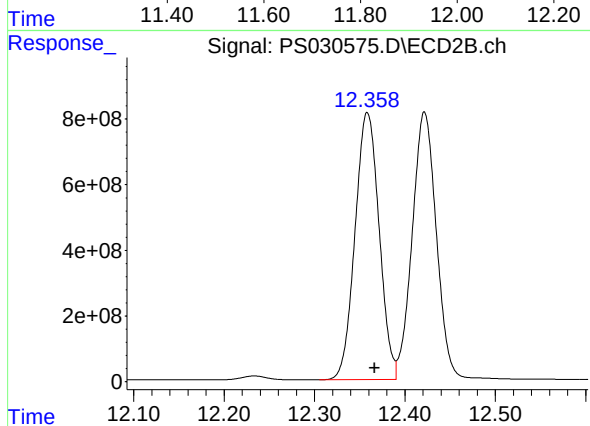
#15 Picloram

R.T.: 12.422 min
Delta R.T.: -0.008 min
Response: 14941582482
Conc: 676.58 ng/ml



#16 DCPA

R.T.: 11.783 min
Delta R.T.: -0.014 min
Response: 19306437956
Conc: 730.20 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: -0.009 min
Response: 15105683252
Conc: 738.20 ng/ml m