

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 19:56
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:26:48 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	7.284	7.742	2683.0E6	651.7E6	845.315	770.984
Target Compounds							
1) T	Dalapon	2.670	2.692	3581.8E6	1757.2E6	682.392	660.336
2) T	3,5-DICHL...	6.452	6.695	3749.3E6	1040.8E6	794.622	769.839
3) T	4-Nitroph...	7.092	7.292	763.4E6	856.3E6	739.971	681.316
5) T	DICAMBA	7.469	7.938	11109.8E6	4343.6E6	795.460	764.349
6) T	MCPD	7.647	8.035	659.6E6	135.7E6	81.987m	76.763m
7) T	MCPA	7.797	8.283	797.5E6	189.0E6	80.058	67.373
8) T	DICHLORPROP	8.177	8.657	2512.8E6	1005.3E6	792.077	752.997m
9) T	2,4-D	8.413	8.999	2462.9E6	992.0E6	856.125	695.018
10) T	Pentachlo...	8.709	9.508	40737.5E6	28273.2E6	848.479	811.786
11) T	2,4,5-TP ...	9.286	9.892	15157.3E6	10247.1E6	845.656	781.266
12) T	2,4,5-T	9.582	10.321	12730.7E6	9117.7E6	868.919	770.091
13) T	2,4-DB	10.157	10.888	1810.1E6	623.8E6	941.924	646.495m#
14) T	DINOSEB	11.355	11.266	10417.3E6	7324.0E6	821.656	774.453
15) T	Picloram	11.184	12.387	11650.6E6	12726.6E6	892.481m	726.003
16) T	DCPA	11.655	12.306	19811.8E6	16794.5E6	869.728m	852.493m

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

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Acq On : 03 Sep 2025 19:56
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

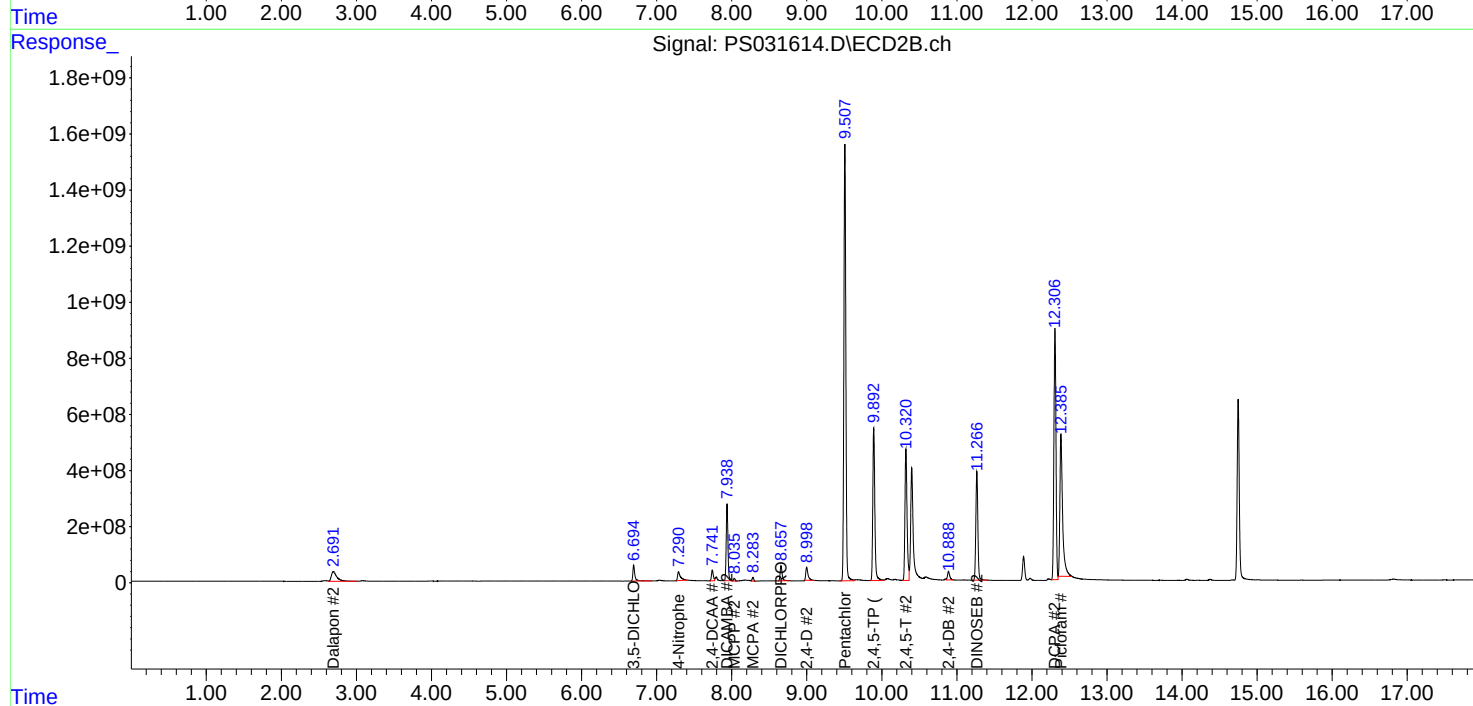
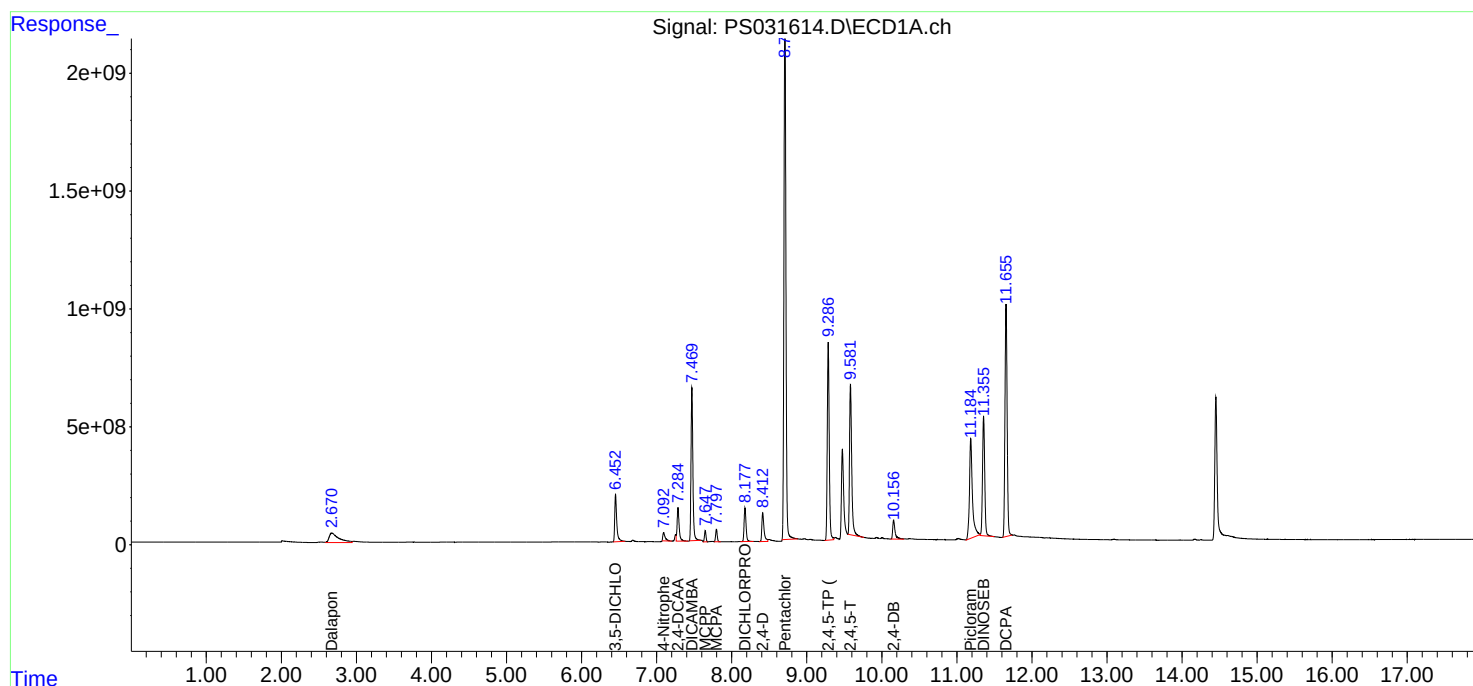
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

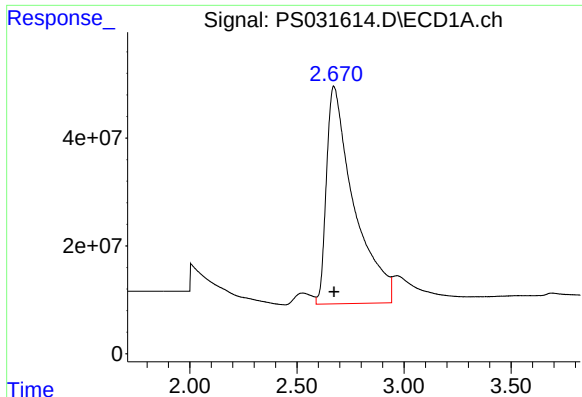
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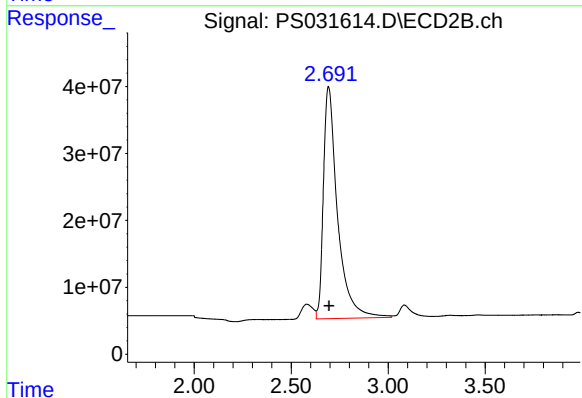
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 3581833006
Conc: 682.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

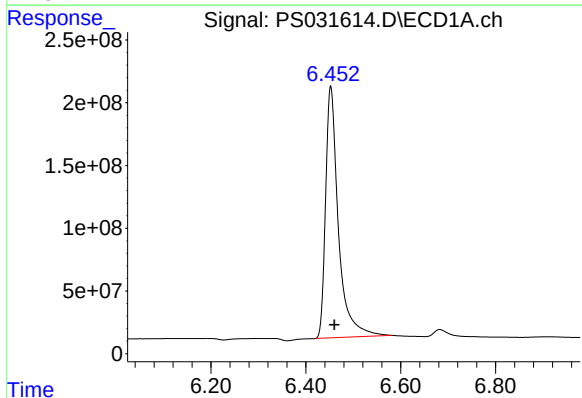
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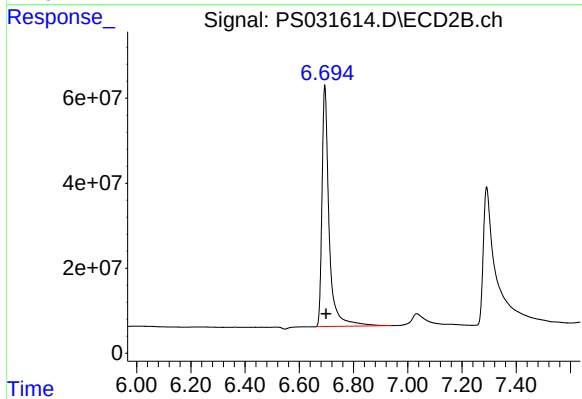
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1757162380
Conc: 660.34 ng/ml



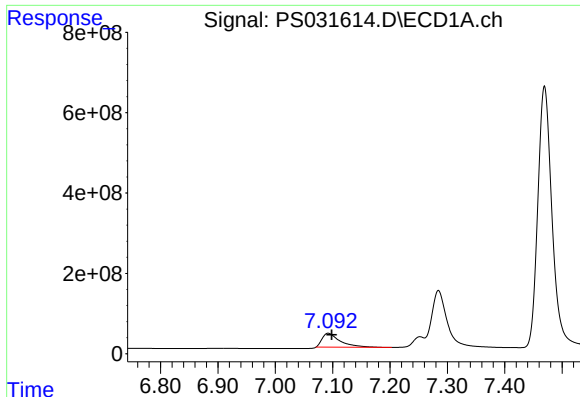
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.008 min
Response: 3749274945
Conc: 794.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 1040768095
Conc: 769.84 ng/ml



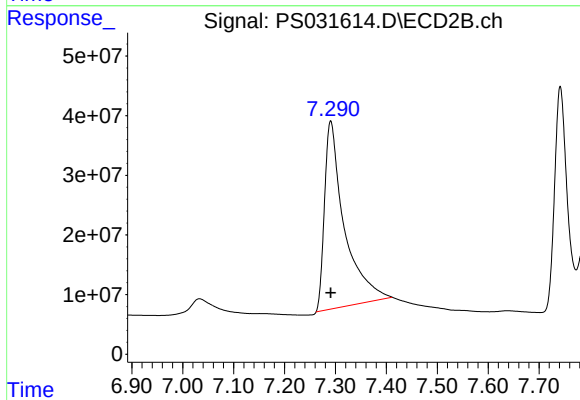
#3 4-Nitrophenol

R.T.: 7.092 min
Delta R.T.: -0.006 min
Response: 763413510
Conc: 739.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

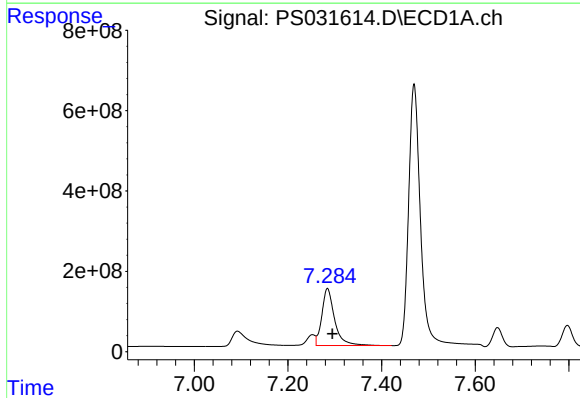
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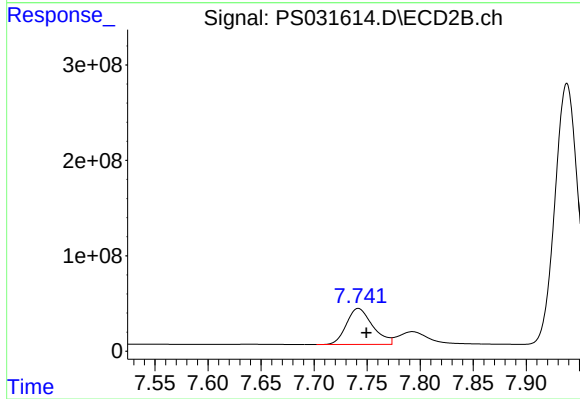
#3 4-Nitrophenol

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 856338941
Conc: 681.32 ng/ml



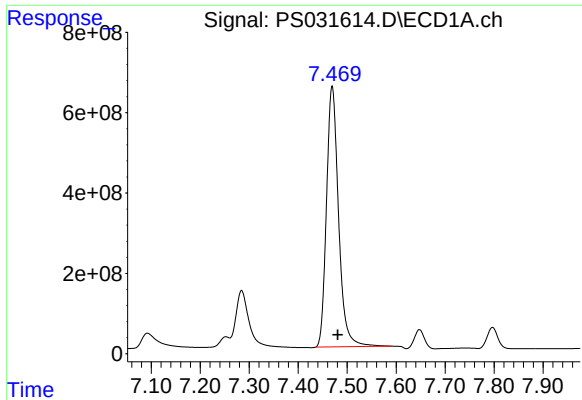
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: -0.010 min
Response: 2683020103
Conc: 845.32 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 651743706
Conc: 770.98 ng/ml



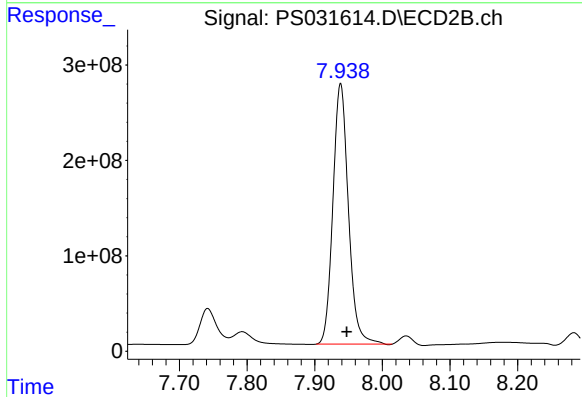
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.011 min
Response: 11109770373
Conc: 795.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

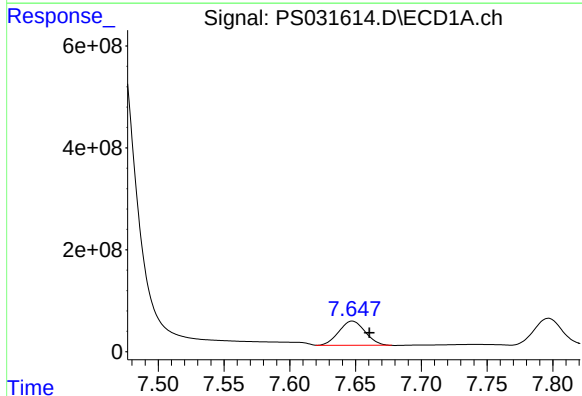
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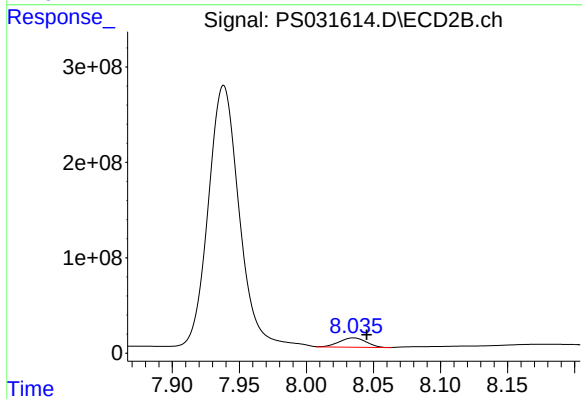
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 4343559693
Conc: 764.35 ng/ml



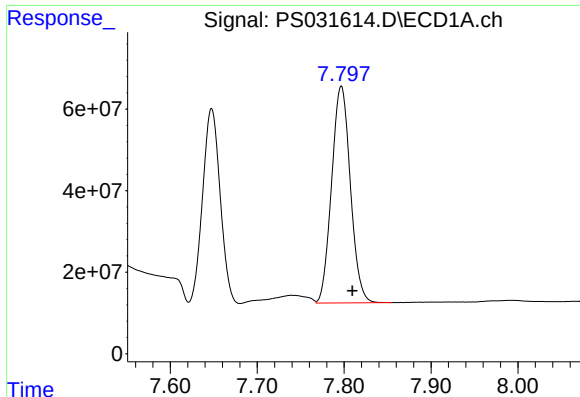
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 659577926
Conc: 81.99 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 135705047
Conc: 76.76 ug/ml m



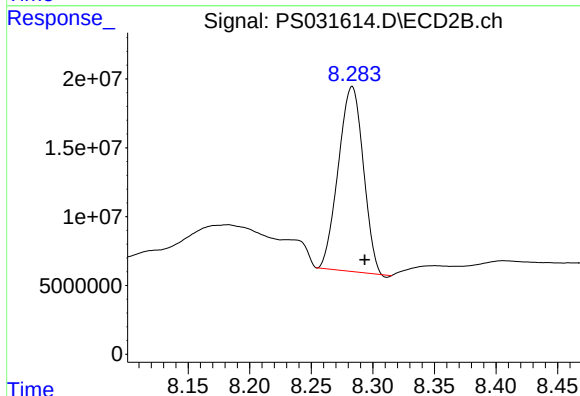
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.013 min
Response: 797479045
Conc: 80.06 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

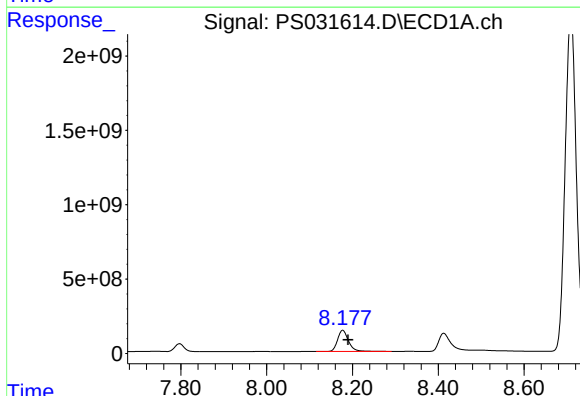
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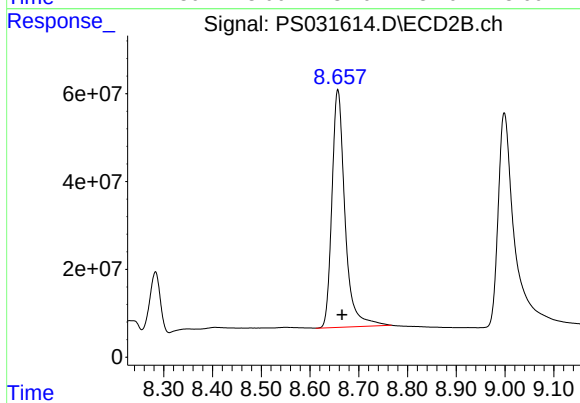
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 189014049
Conc: 67.37 ug/ml



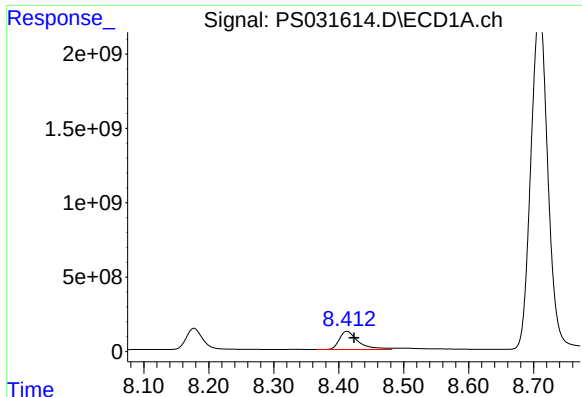
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: -0.012 min
Response: 2512807467
Conc: 792.08 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 1005276347
Conc: 753.00 ng/ml m



#9 2,4-D

R.T.: 8.413 min
Delta R.T.: -0.011 min
Response: 2462913234
Conc: 856.12 ng/ml

Instrument :

ECD_S

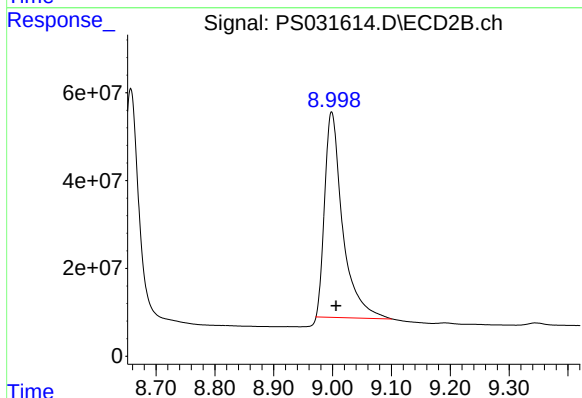
ClientSampleId :

HSTDCCC750

Manual Integrations

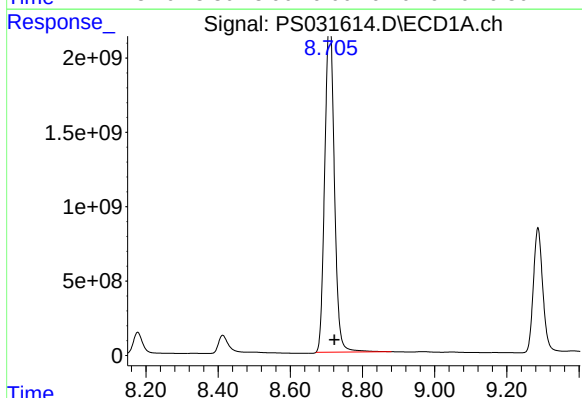
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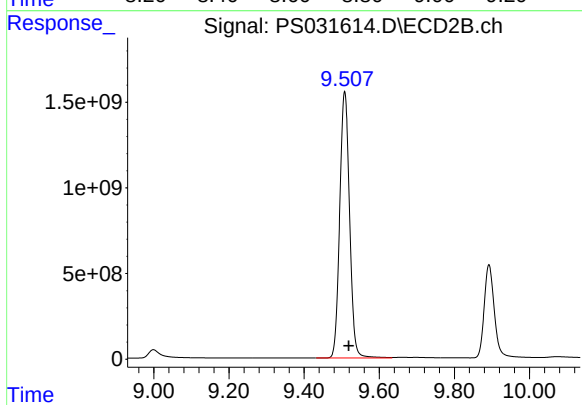
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.007 min
Response: 991990149
Conc: 695.02 ng/ml



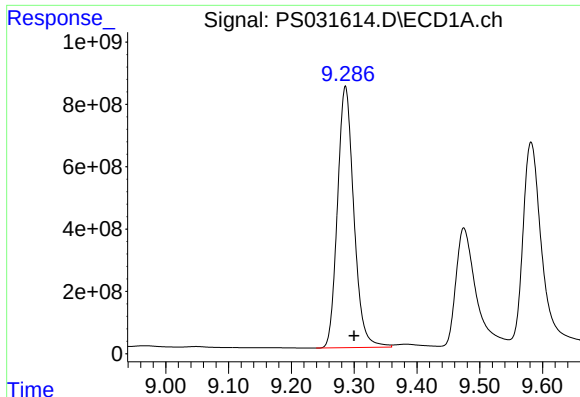
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 40737504850
Conc: 848.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.010 min
Response: 28273235330
Conc: 811.79 ng/ml



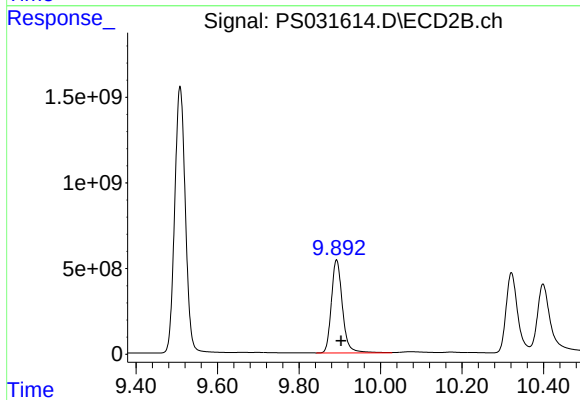
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 15157291353
Conc: 845.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

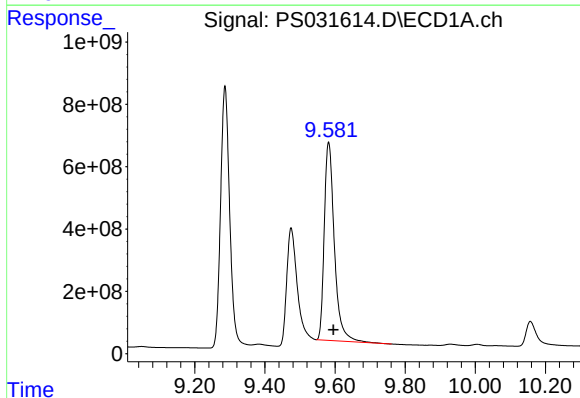
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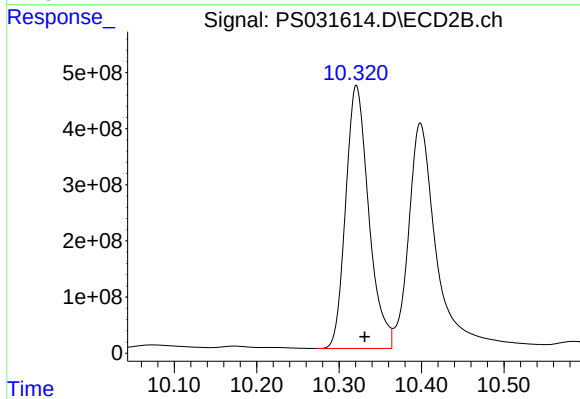
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 10247098986
Conc: 781.27 ng/ml



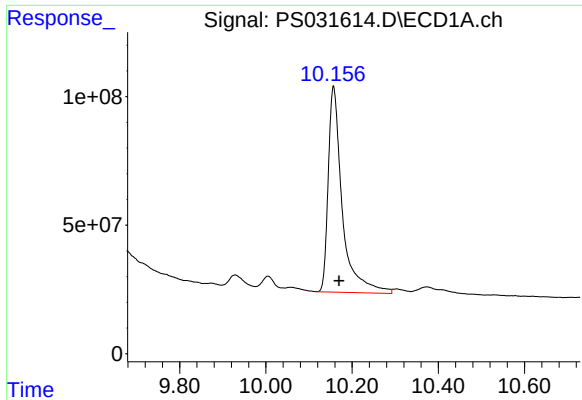
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: -0.014 min
Response: 12730728803
Conc: 868.92 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: -0.010 min
Response: 9117701490
Conc: 770.09 ng/ml



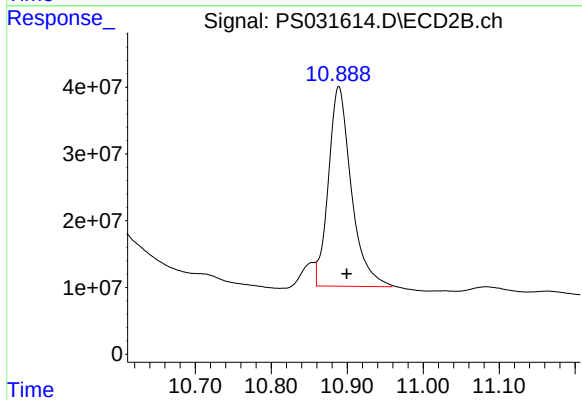
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 1810115637
Conc: 941.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

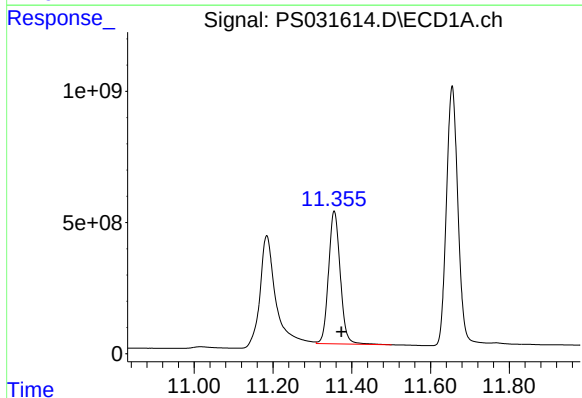
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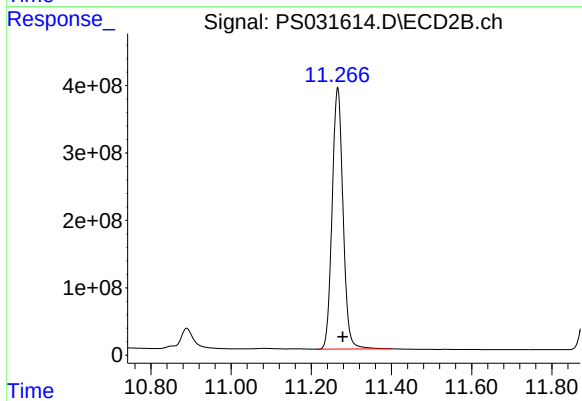
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: -0.011 min
Response: 623768476
Conc: 646.50 ng/ml m



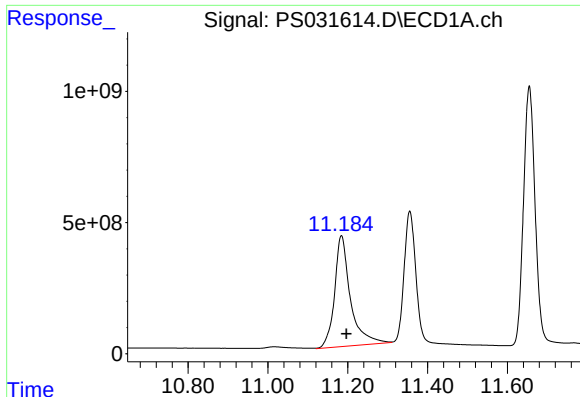
#14 DINOSEB

R.T.: 11.355 min
Delta R.T.: -0.018 min
Response: 10417344272
Conc: 821.66 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.013 min
Response: 7323963061
Conc: 774.45 ng/ml



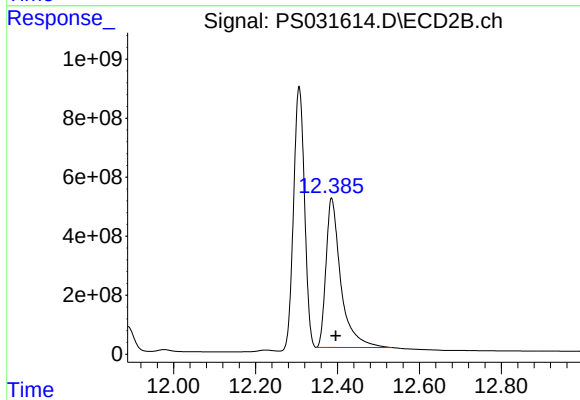
#15 Picloram

R.T.: 11.184 min
Delta R.T.: -0.013 min
Response: 11650578545
Conc: 892.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

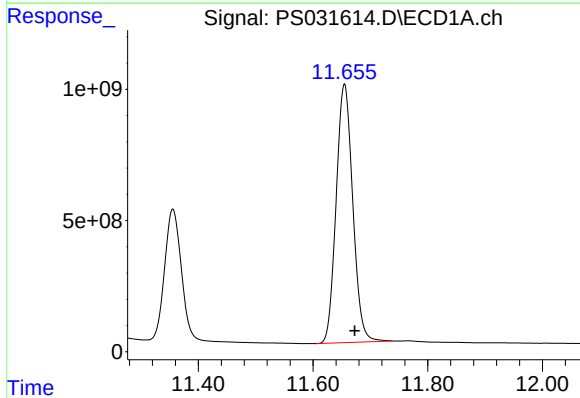
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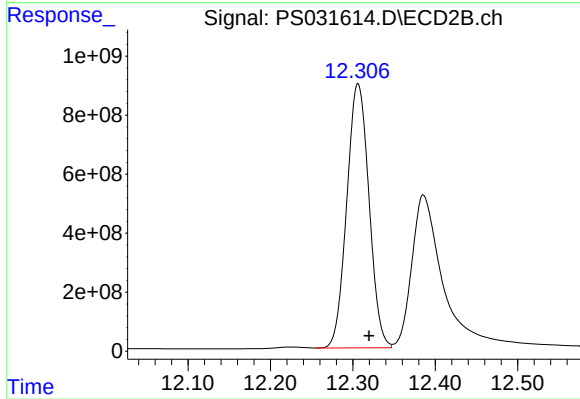
#15 Picloram

R.T.: 12.387 min
Delta R.T.: -0.009 min
Response: 12726628850
Conc: 726.00 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 19811818918
Conc: 869.73 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.014 min
Response: 16794454442
Conc: 852.49 ng/ml m