

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091525\
 Data File : PS031747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 19:06
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 06:08:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.743	2683.3E6	653.4E6	745.054	718.840
Target Compounds							
1) T	Dalapon	2.671	2.692	3847.8E6	1811.6E6	665.628	642.957
2) T	3,5-DICHL...	6.452	6.695	3673.4E6	1011.7E6	688.757	663.406m
3) T	4-Nitroph...	7.094	7.293	823.4E6	814.6E6	746.362	645.108
5) T	DICAMBA	7.468	7.939	11005.3E6	4444.8E6	705.615	683.089
6) T	MCPD	7.646	8.036	654.9E6	139.1E6	73.265	73.873
7) T	MCPA	7.795	8.284	799.6E6	198.1E6	71.965	70.720
8) T	DICHLORPROP	8.176	8.658	2476.6E6	1025.1E6	695.321	704.508
9) T	2,4-D	8.413	9.000	2464.4E6	1123.1E6	719.401	682.706
10) T	Pentachlo...	8.707	9.508	40340.7E6	28503.2E6	759.800	718.135
11) T	2,4,5-TP ...	9.284	9.893	15144.0E6	10443.9E6	722.049	693.750
12) T	2,4,5-T	9.581	10.321	14007.4E6	9381.9E6	765.506	697.178
13) T	2,4-DB	10.156	10.889	1766.2E6	711.4E6	757.141m	664.835m
14) T	DINOSEB	11.353	11.266	10575.6E6	7014.9E6	733.260	721.651
15) T	Picloram	11.182	12.384	14505.5E6	17095.8E6	805.368	721.853
16) T	DCPA	11.652	12.307	19891.8E6	17246.7E6	738.104	715.507

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

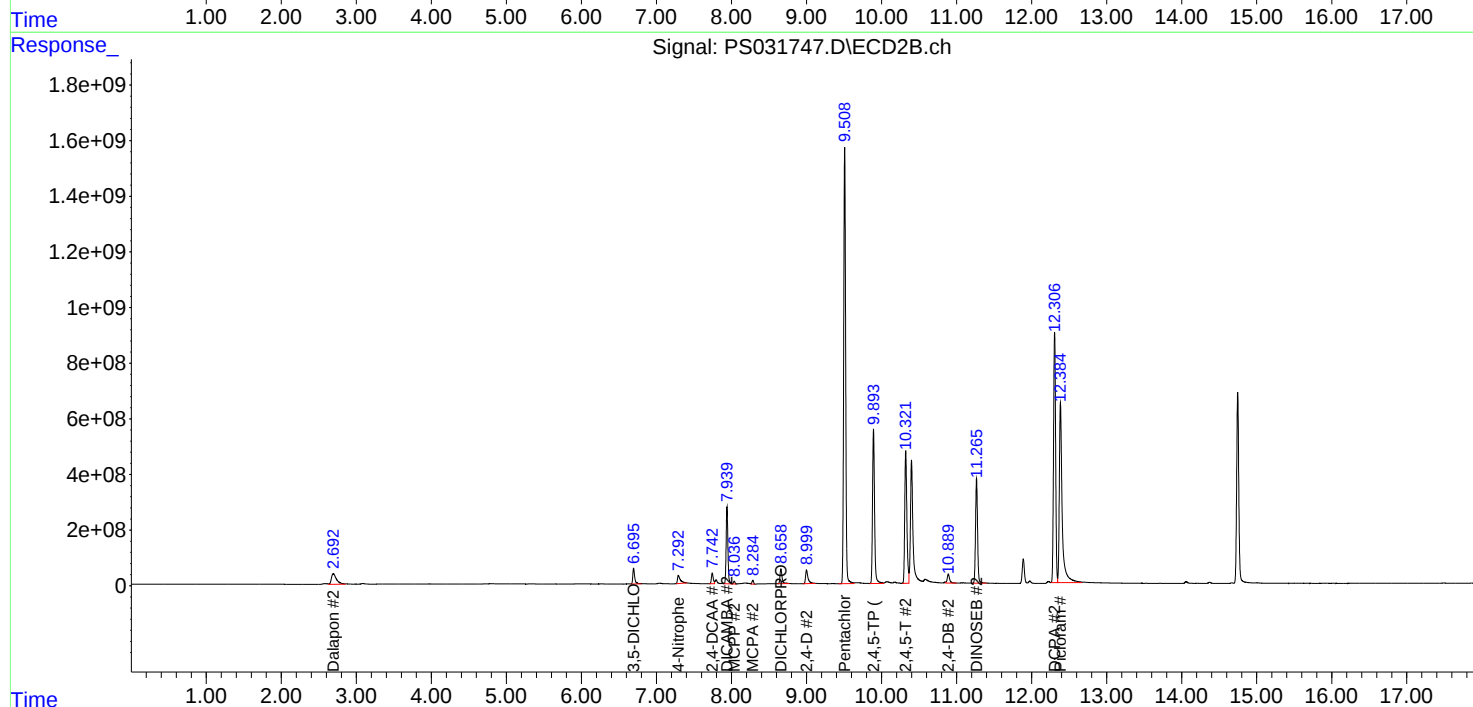
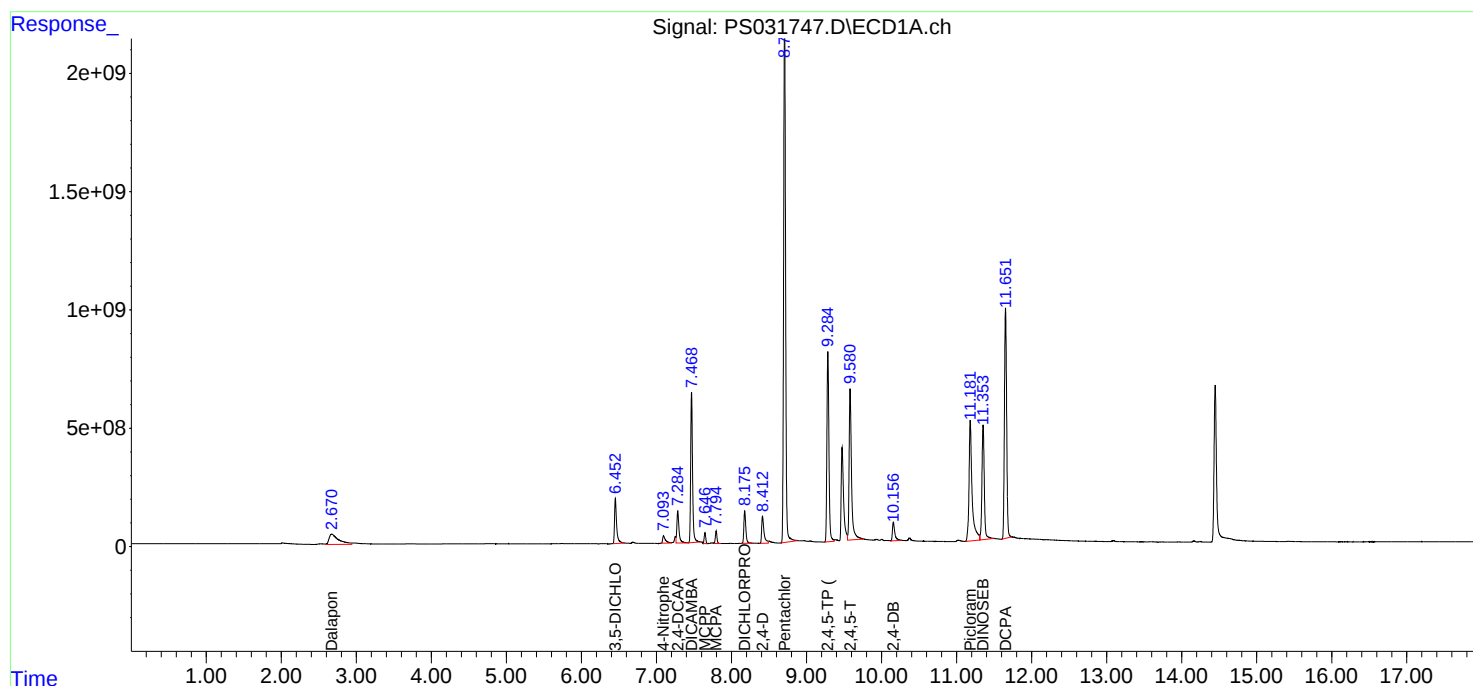
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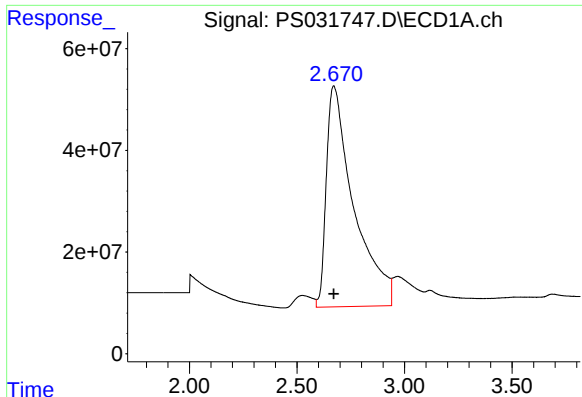
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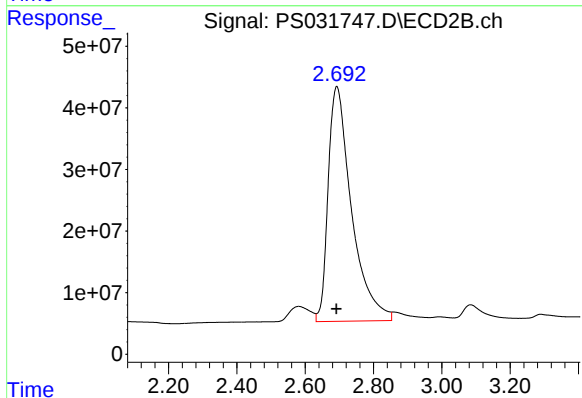
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 3847827556
Conc: 665.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

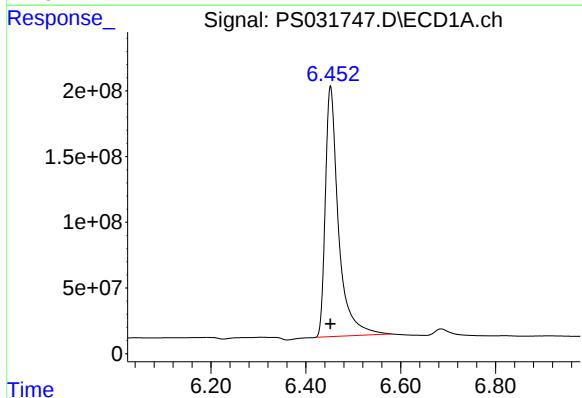
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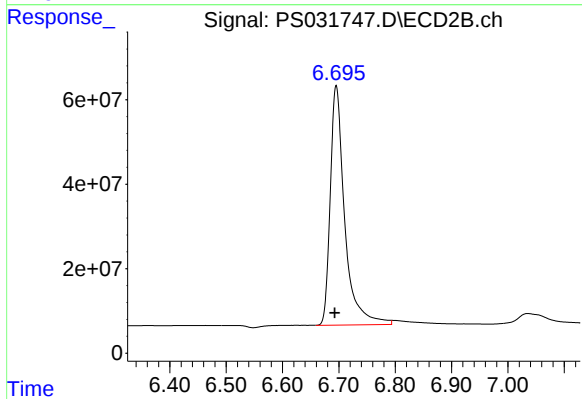
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1811613881
Conc: 642.96 ng/ml



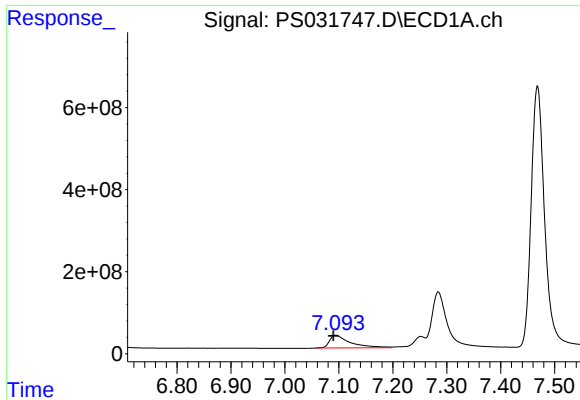
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3673389433
Conc: 688.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 1011670653
Conc: 663.41 ng/ml m



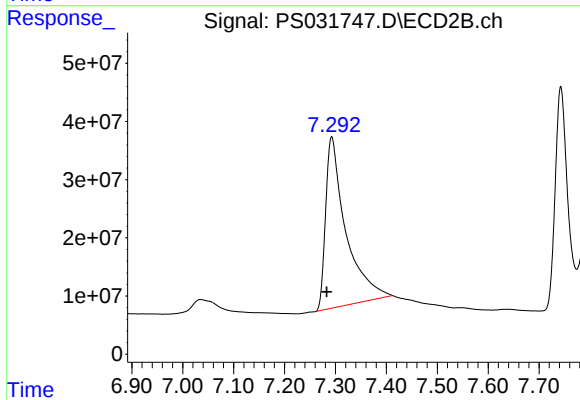
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: 0.005 min
Response: 823393823
Conc: 746.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

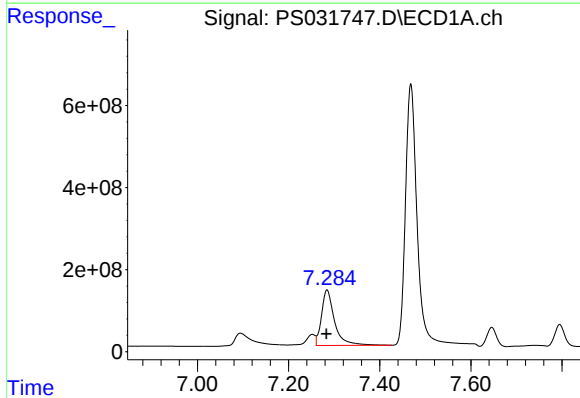
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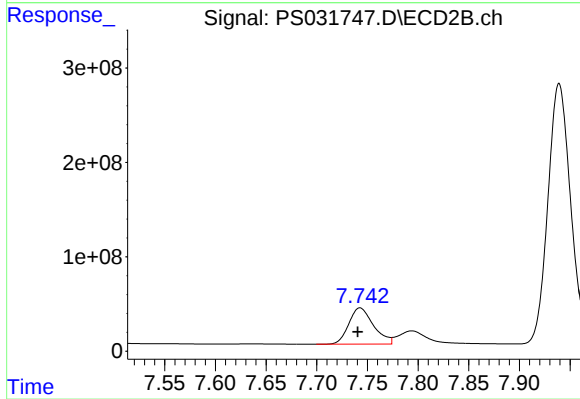
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.010 min
Response: 814633806
Conc: 645.11 ng/ml



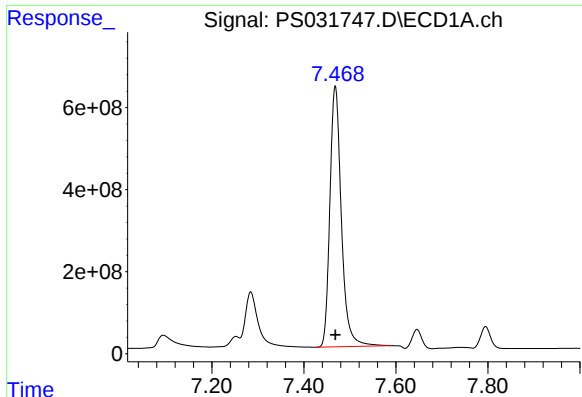
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 2683331898
Conc: 745.05 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 653353655
Conc: 718.84 ng/ml



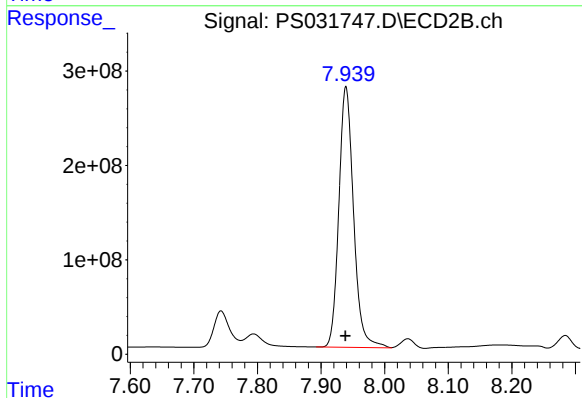
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 11005271883
Conc: 705.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

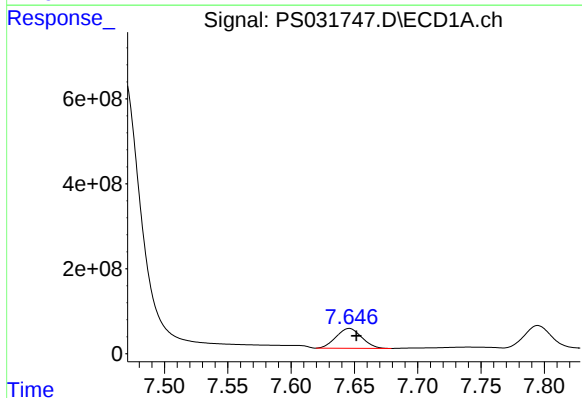
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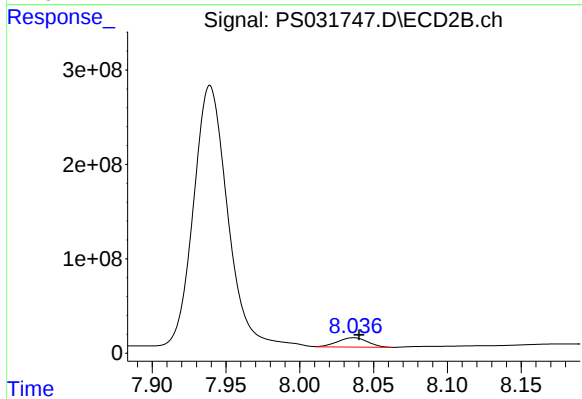
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4444756244
Conc: 683.09 ng/ml



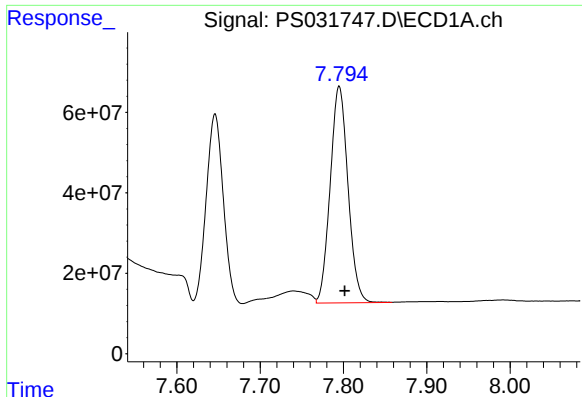
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 654934712
Conc: 73.27 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 139132501
Conc: 73.87 ug/ml



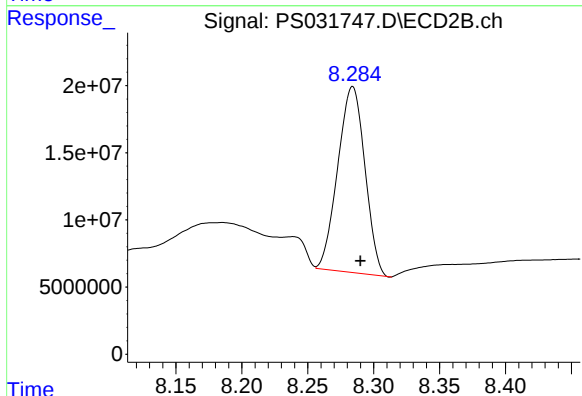
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 799563574
Conc: 71.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

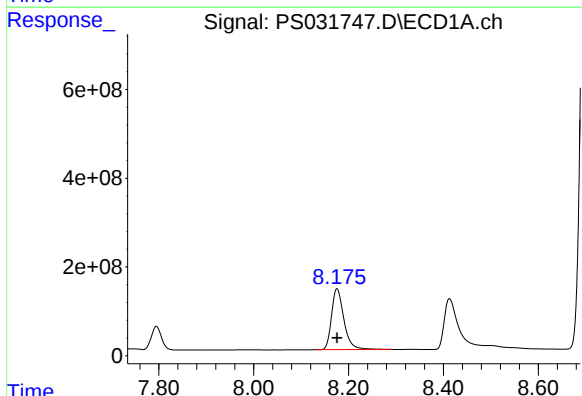
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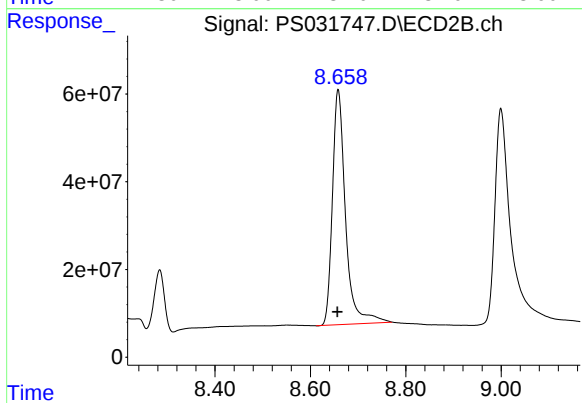
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 198103136
Conc: 70.72 ug/ml



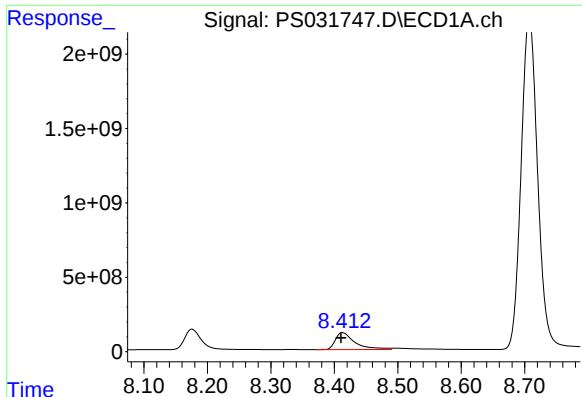
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2476568542
Conc: 695.32 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 1025102299
Conc: 704.51 ng/ml



#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 2464408144
Conc: 719.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

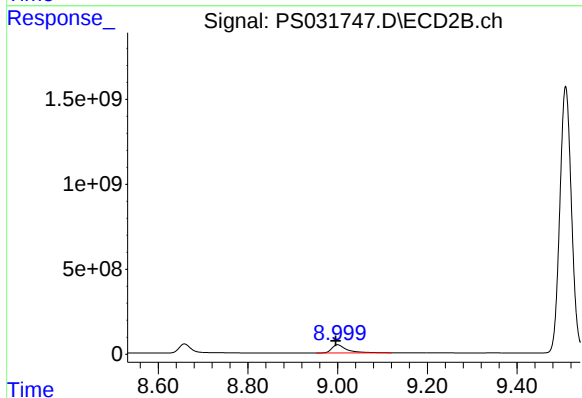
HSTDCCC750

Manual Integrations

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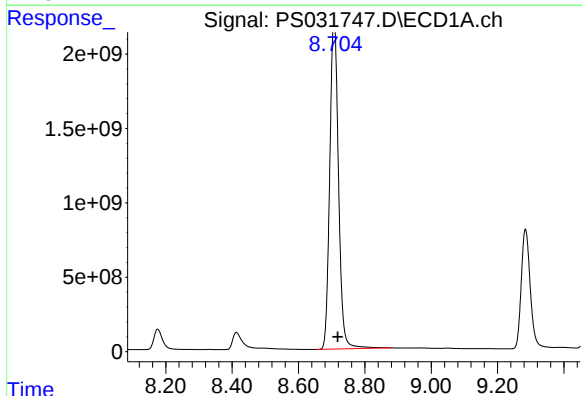
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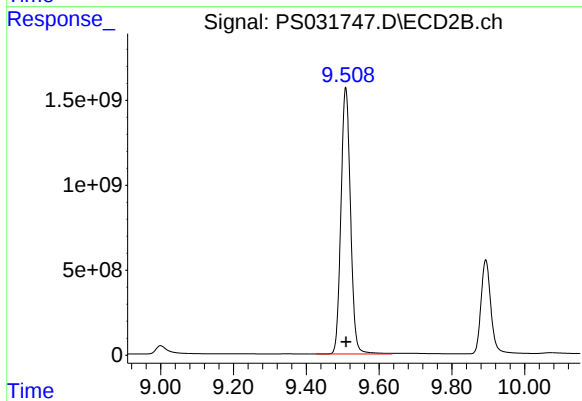
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 1123126607
Conc: 682.71 ng/ml



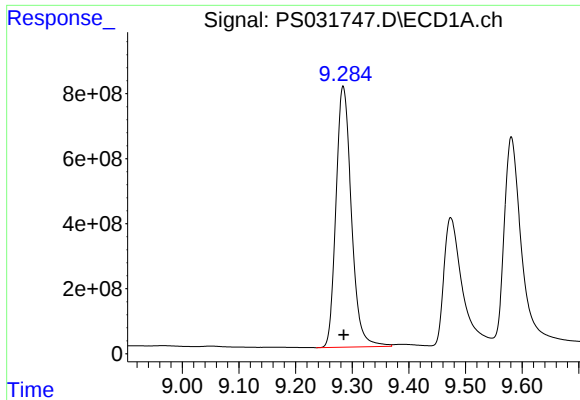
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 40340723743
Conc: 759.80 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 28503170915
Conc: 718.14 ng/ml



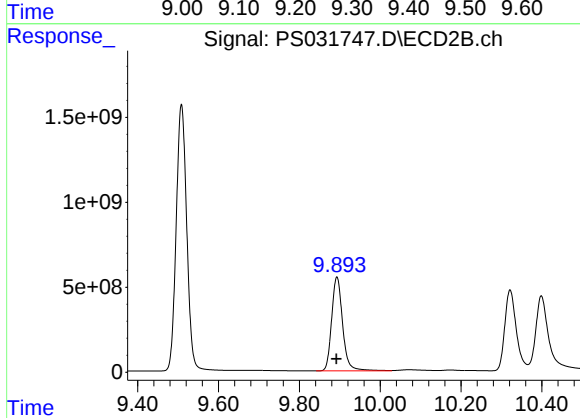
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 15144027621
Conc: 722.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

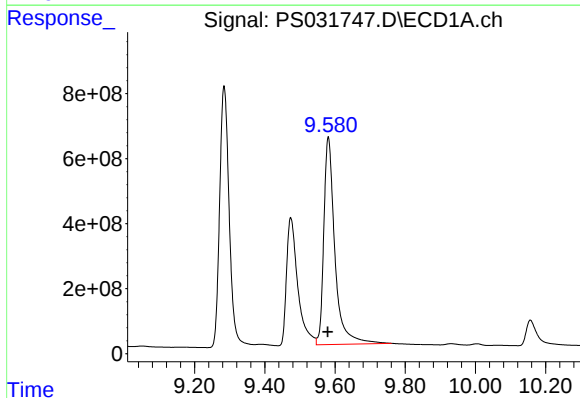
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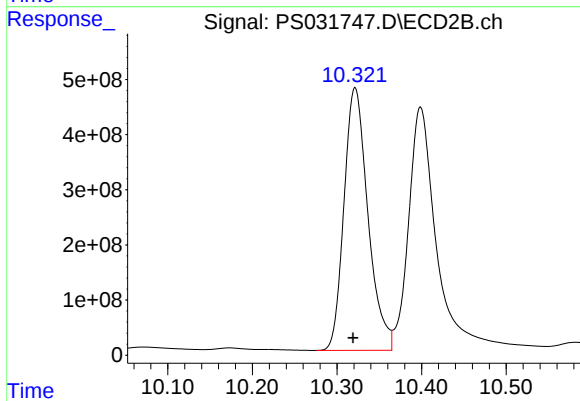
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 10443937275
Conc: 693.75 ng/ml



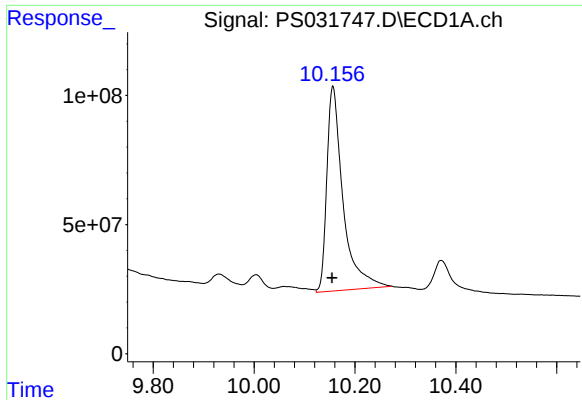
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.001 min
Response: 14007354710
Conc: 765.51 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 9381935374
Conc: 697.18 ng/ml



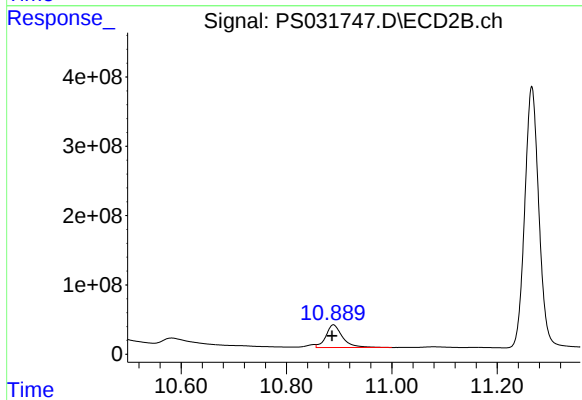
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 1766231758
Conc: 757.14 ng/ml

Instrument :
ECD_S
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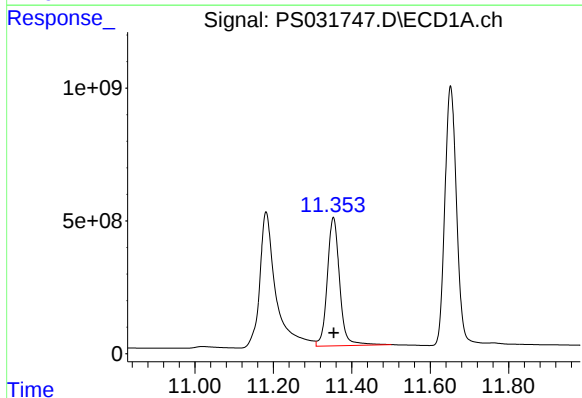
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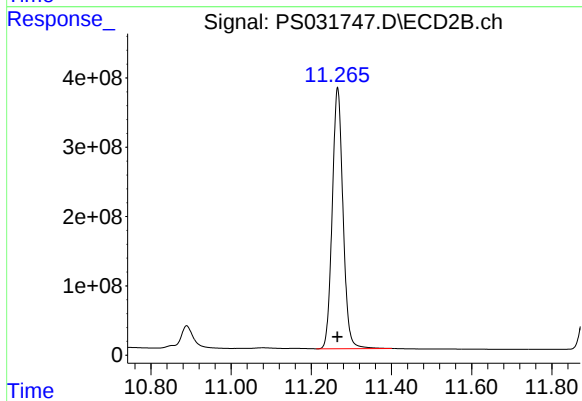
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.002 min
Response: 711403593
Conc: 664.84 ng/ml m



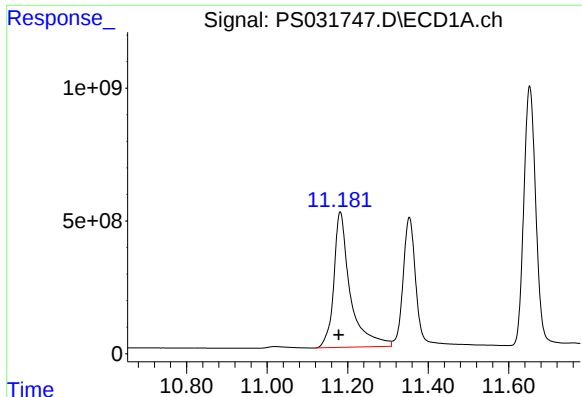
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 10575587046
Conc: 733.26 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 7014940873
Conc: 721.65 ng/ml



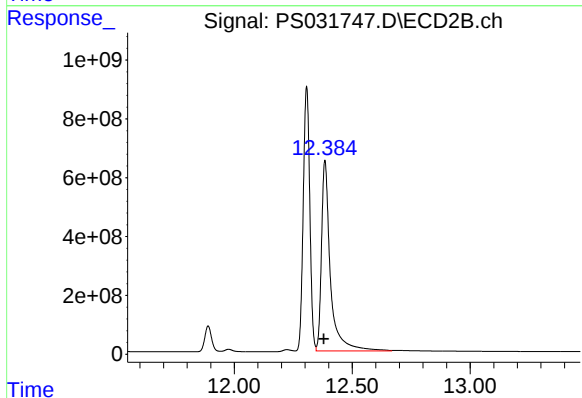
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.004 min
Response: 14505536403
Conc: 805.37 ng/ml

Instrument :
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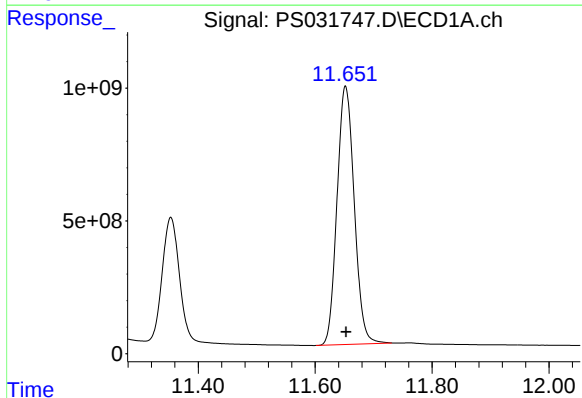
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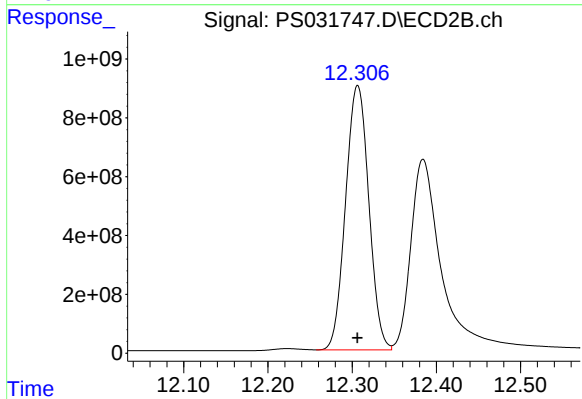
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.005 min
Response: 17095821649
Conc: 721.85 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 19891815747
Conc: 738.10 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 17246651186
Conc: 715.51 ng/ml