

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 08:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 09:17:30 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 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	7.362	7.771	2707.4E6	781.7E6	717.162m	726.712
Target Compounds							
1) T	Dalapon	2.715	2.713	3776.3E6	1796.7E6	668.724	655.720
2) T	3,5-DICHL...	6.519	6.715	3794.5E6	1074.2E6	699.270	686.719
3) T	4-Nitroph...	7.161	7.301	1205.4E6	1085.0E6	657.361	692.272
5) T	DICAMBA	7.554	7.974	10997.3E6	4571.0E6	713.070	709.607
6) T	MCPD	7.736	8.074	646.0E6	165.4E6	65.223	71.553
7) T	MCPA	7.887	8.323	870.9E6	224.2E6	68.635	72.654m
8) T	DICHLORPROP	8.270	8.694	2509.4E6	1026.7E6	689.745	691.731
9) T	2,4-D	8.502	9.030	2503.4E6	1135.7E6	687.058	722.283m
10) T	Pentachlo...	8.812	9.557	39069.9E6	26335.0E6	769.302	728.735
11) T	2,4,5-TP ...	9.393	9.937	14775.8E6	9731.8E6	715.012	709.482
12) T	2,4,5-T	9.688	10.363	12776.9E6	9242.6E6	693.228	707.862
13) T	2,4-DB	10.268	10.930	1999.6E6	791.9E6	658.555	688.893
14) T	DINOSEB	11.490	11.316	10237.9E6	7118.9E6	712.207	708.338
15) T	Picloram	11.295	12.423	12518.6E6	15260.3E6	625.779m	691.017
16) T	DCPA	11.785	12.361	19247.7E6	14505.9E6	727.972	708.884m

(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

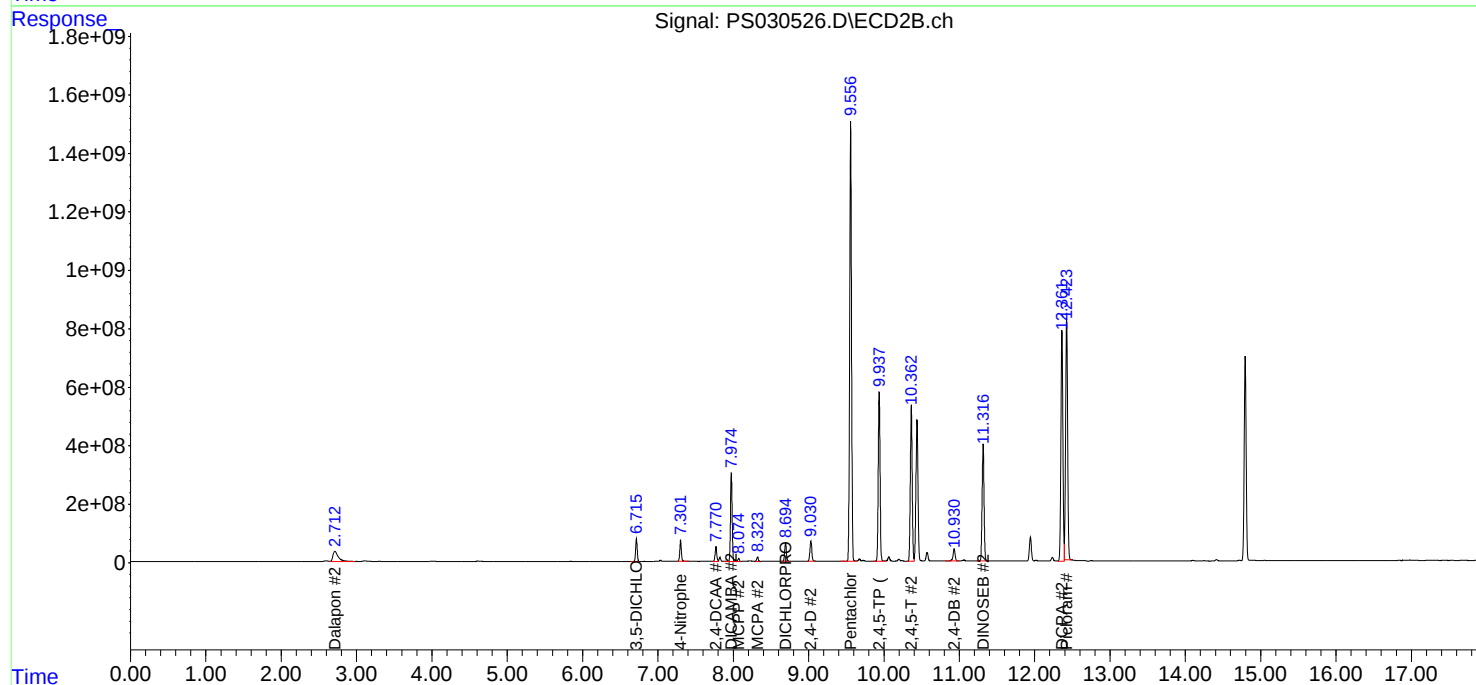
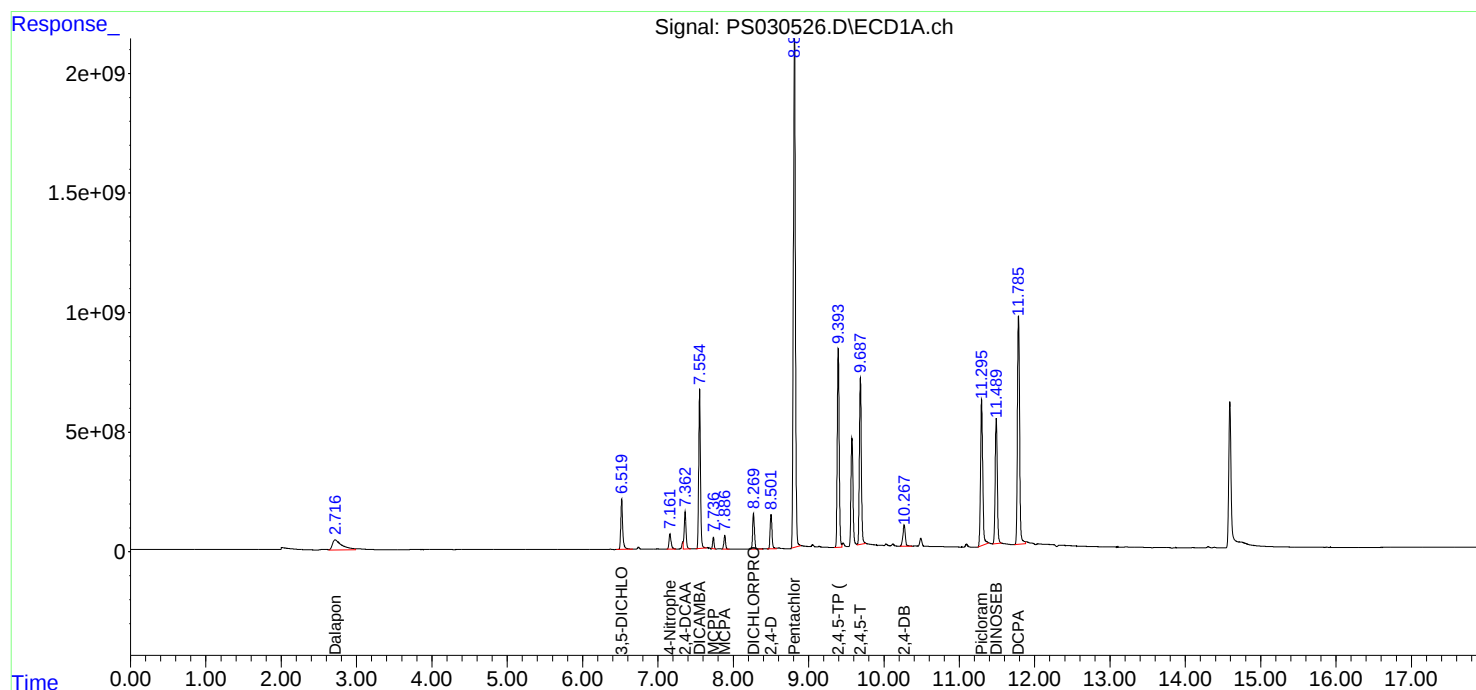
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

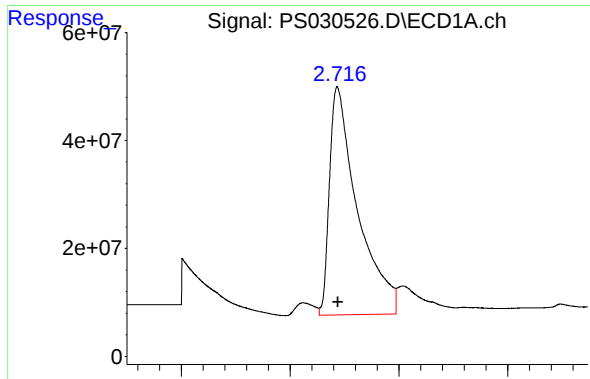
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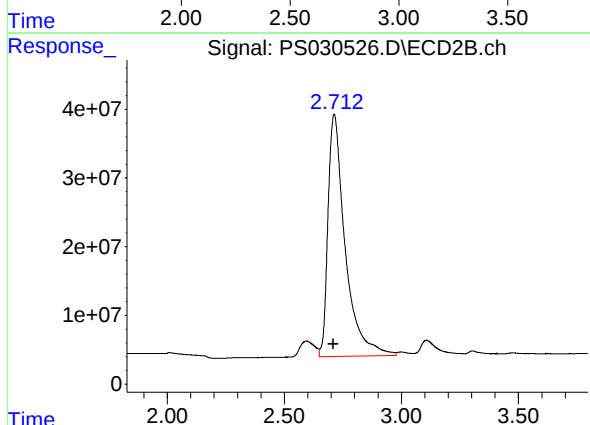
#1 Dalapon

R.T.: 2.715 min
Delta R.T.: -0.005 min
Response: 3776265710
Conc: 668.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

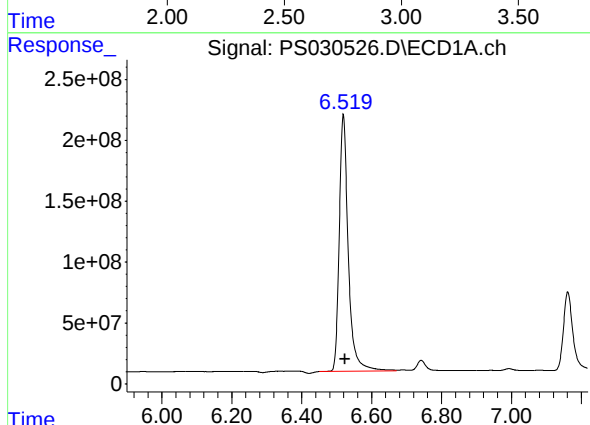
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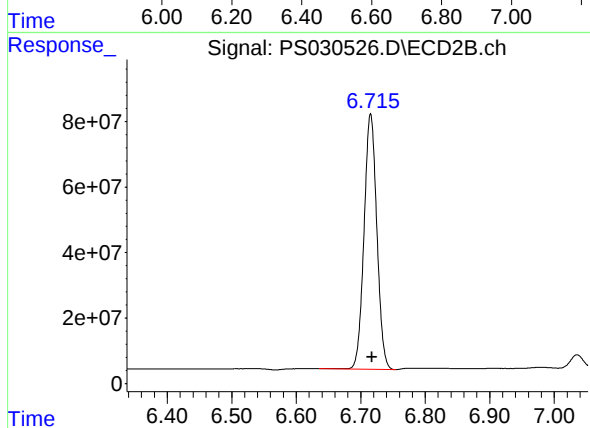
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: 0.003 min
Response: 1796683631
Conc: 655.72 ng/ml



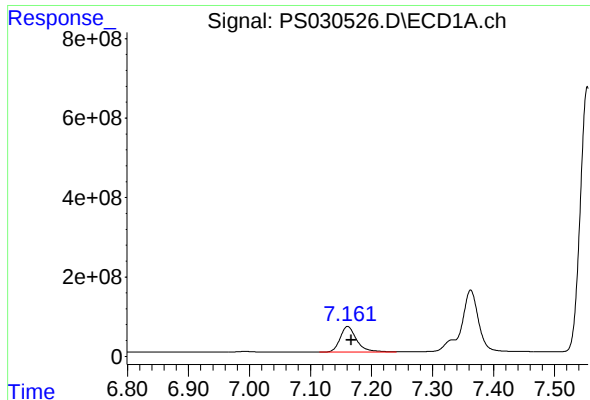
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 3794483413
Conc: 699.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 1074199229
Conc: 686.72 ng/ml



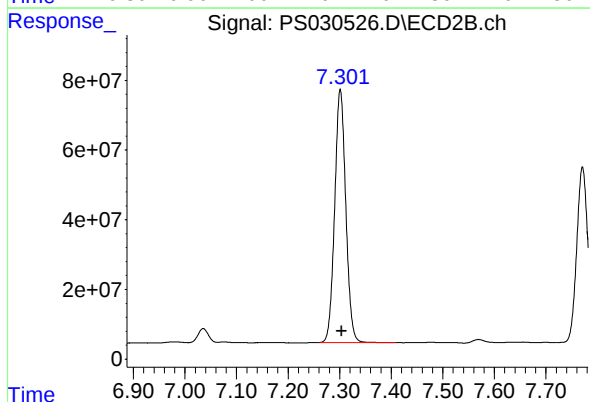
#3 4-Nitrophenol

R.T.: 7.161 min
Delta R.T.: -0.006 min
Response: 1205439237
Conc: 657.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

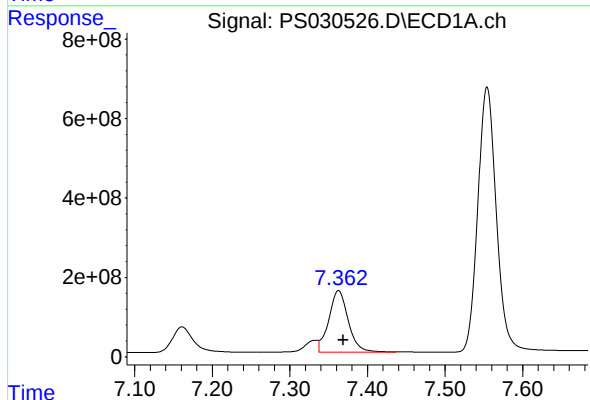
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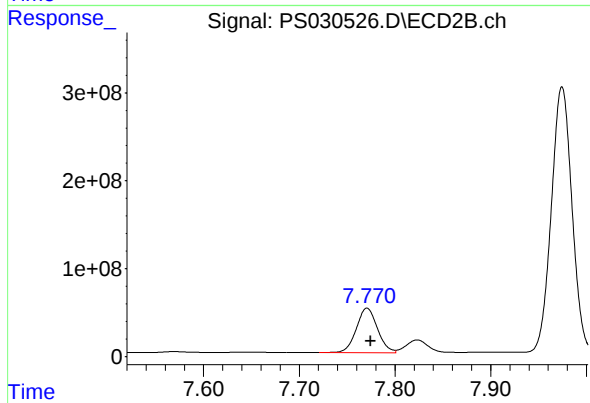
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 1084957847
Conc: 692.27 ng/ml



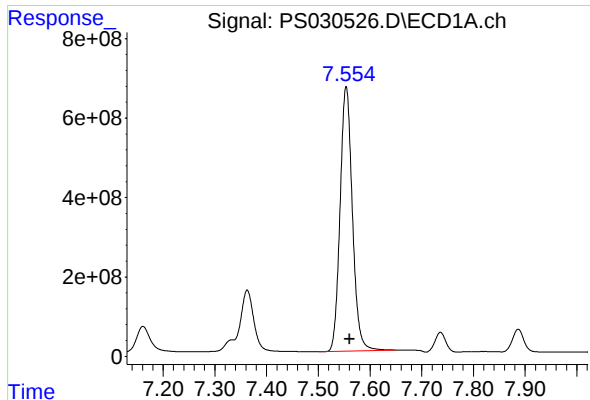
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 2707392313
Conc: 717.16 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 781658443
Conc: 726.71 ng/ml



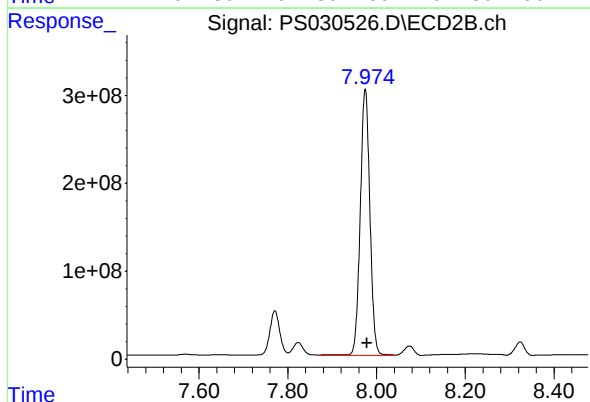
#5 DICAMBA

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 10997343790
Conc: 713.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

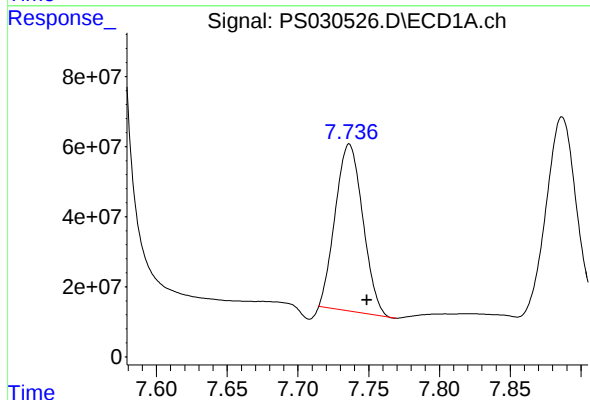
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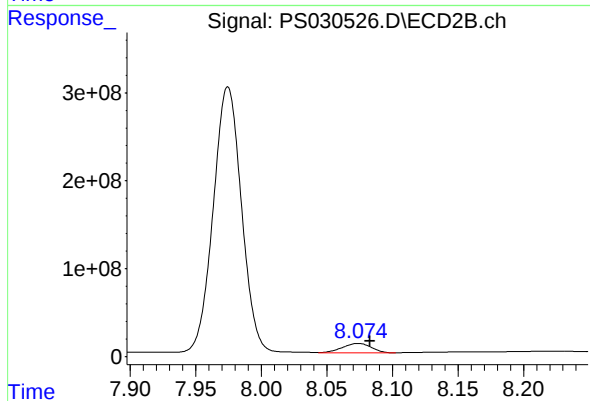
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 4571040255
Conc: 709.61 ng/ml



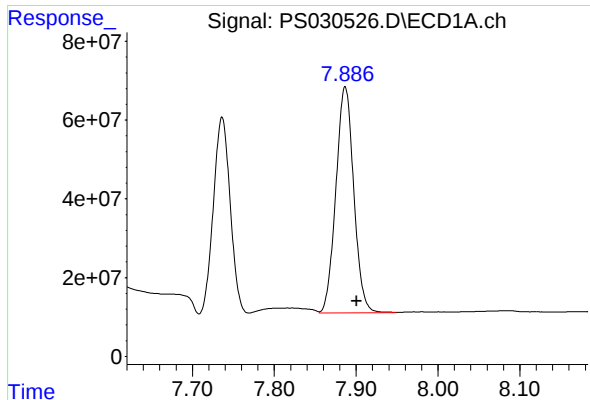
#6 MCPP

R.T.: 7.736 min
Delta R.T.: -0.013 min
Response: 646023200
Conc: 65.22 ug/ml



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 165400975
Conc: 71.55 ug/ml



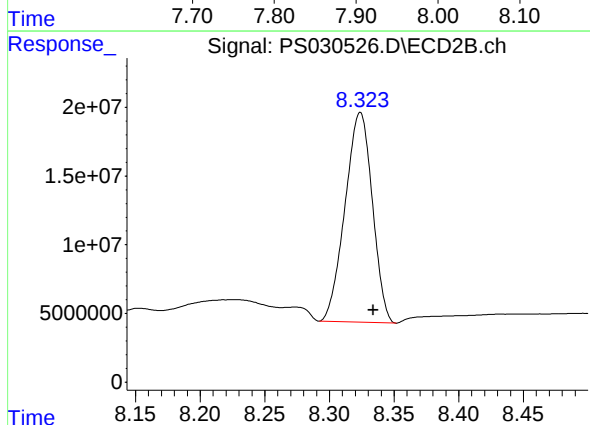
#7 MCPA

R.T.: 7.887 min
Delta R.T.: -0.014 min
Response: 870939777
Conc: 68.64 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

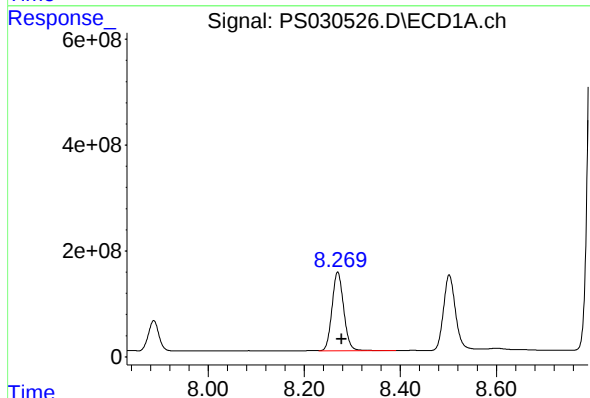
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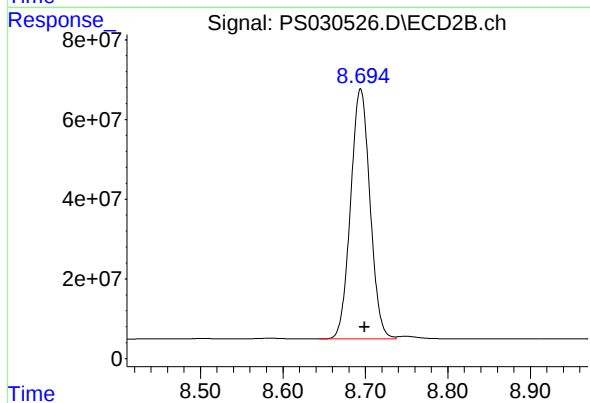
#7 MCPA

R.T.: 8.323 min
Delta R.T.: -0.010 min
Response: 224204171
Conc: 72.65 ug/ml m



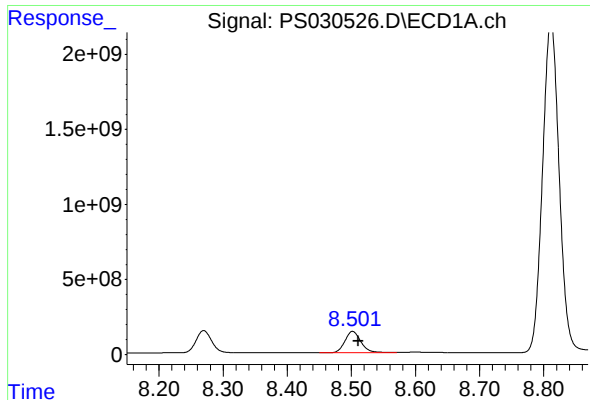
#8 DICHLORPROP

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 2509391406
Conc: 689.74 ng/ml



#8 DICHLORPROP

R.T.: 8.694 min
Delta R.T.: -0.005 min
Response: 1026670310
Conc: 691.73 ng/ml



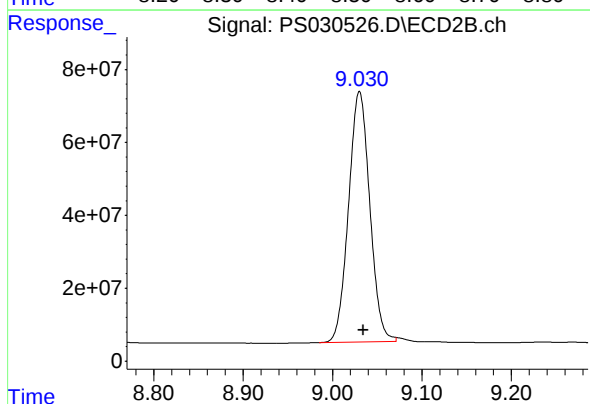
#9 2,4-D

R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 2503371929
Conc: 687.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

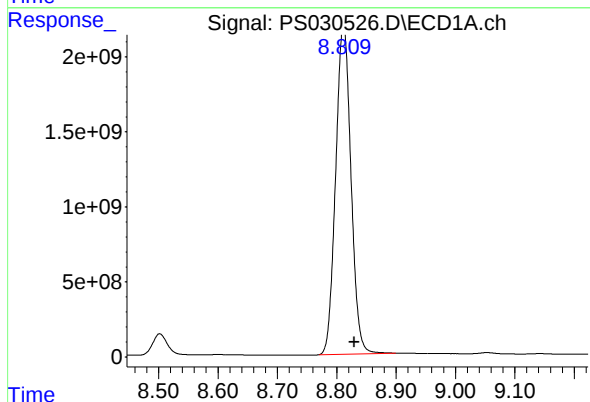
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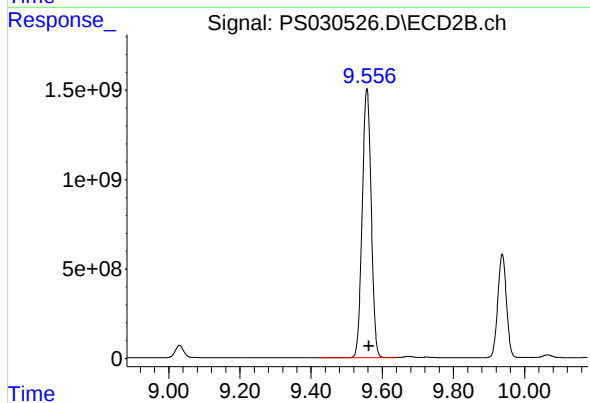
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 1135661396
Conc: 722.28 ng/ml m



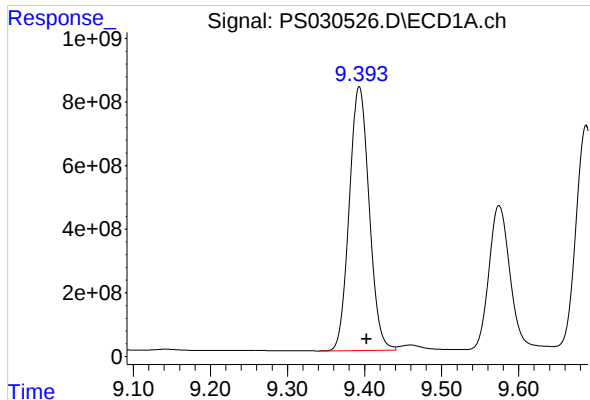
#10 Pentachlorophenol

R.T.: 8.812 min
Delta R.T.: -0.018 min
Response: 39069909835
Conc: 769.30 ng/ml



#10 Pentachlorophenol

R.T.: 9.557 min
Delta R.T.: -0.006 min
Response: 26335044397
Conc: 728.74 ng/ml



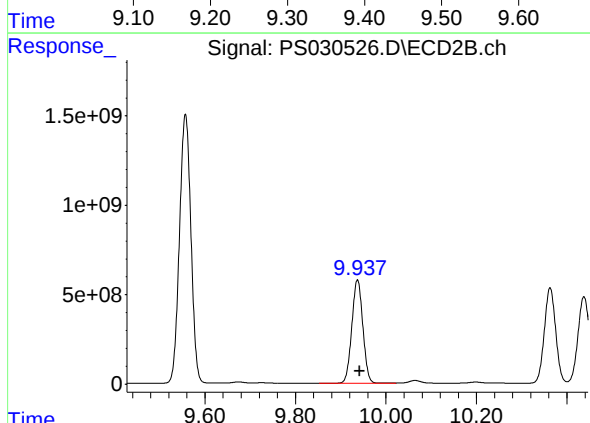
#11 2,4,5-TP (SILVEX)

R.T.: 9.393 min
Delta R.T.: -0.010 min
Response: 14775790935
Conc: 715.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

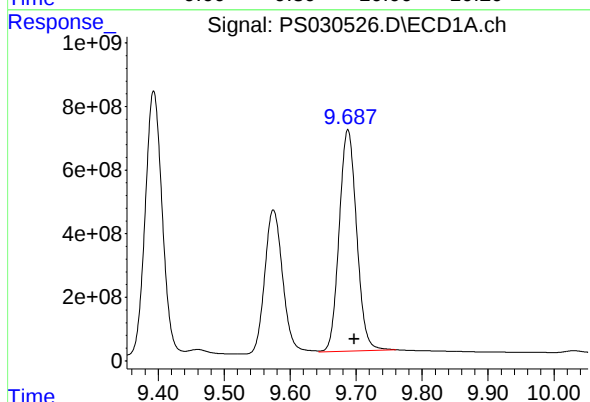
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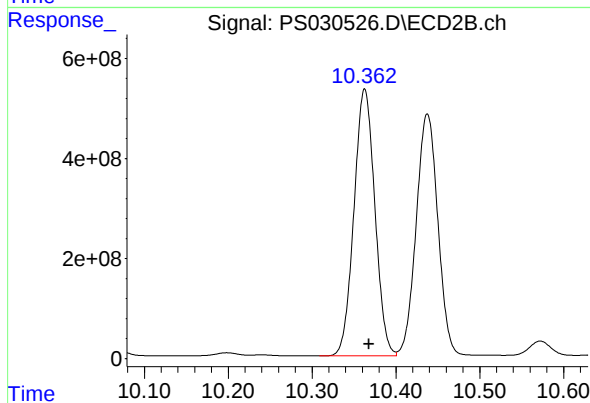
#11 2,4,5-TP (SILVEX)

R.T.: 9.937 min
Delta R.T.: -0.005 min
Response: 9731776216
Conc: 709.48 ng/ml



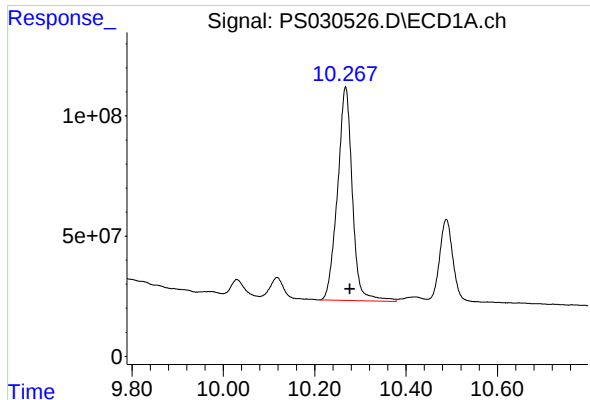
#12 2,4,5-T

R.T.: 9.688 min
Delta R.T.: -0.010 min
Response: 12776928415
Conc: 693.23 ng/ml



#12 2,4,5-T

R.T.: 10.363 min
Delta R.T.: -0.005 min
Response: 9242641135
Conc: 707.86 ng/ml



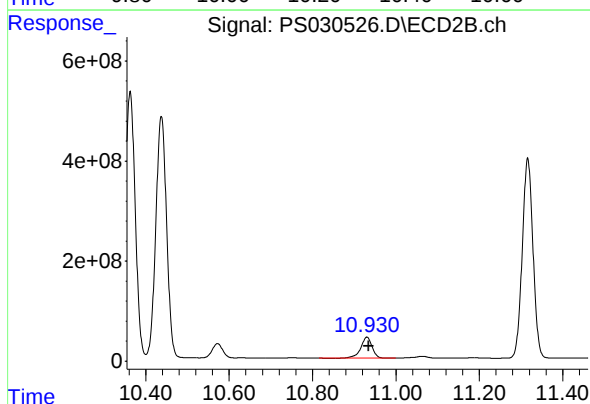
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.010 min
Response: 1999613771
Conc: 658.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

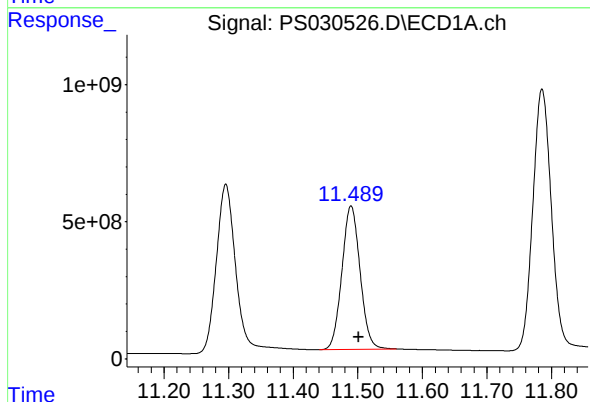
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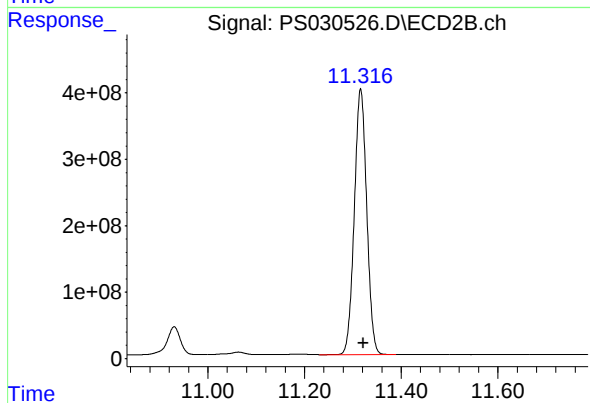
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: -0.005 min
Response: 791918267
Conc: 688.89 ng/ml



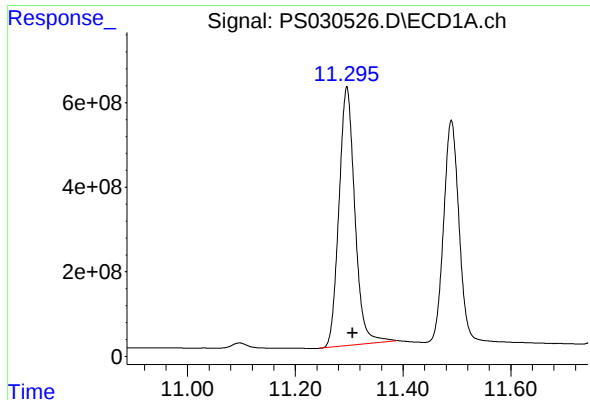
#14 DINOSEB

R.T.: 11.490 min
Delta R.T.: -0.012 min
Response: 10237931309
Conc: 712.21 ng/ml



#14 DINOSEB

R.T.: 11.316 min
Delta R.T.: -0.006 min
Response: 7118876416
Conc: 708.34 ng/ml



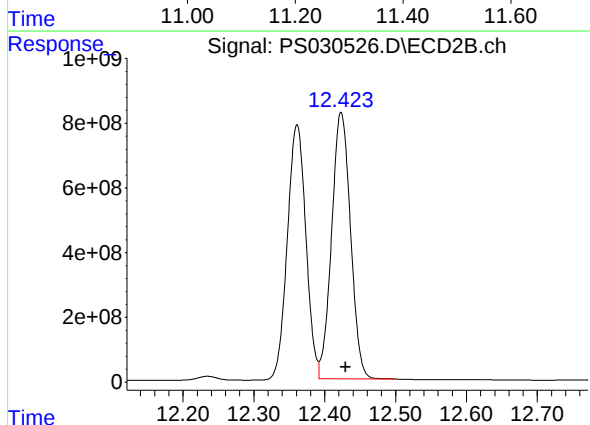
#15 Picloram

R.T.: 11.295 min
Delta R.T.: -0.011 min
Response: 12518593139
Conc: 625.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

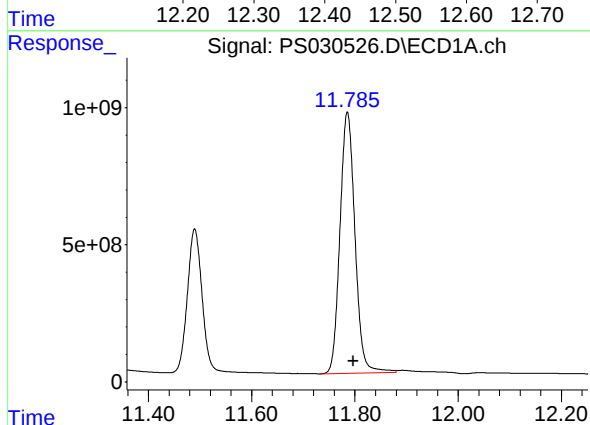
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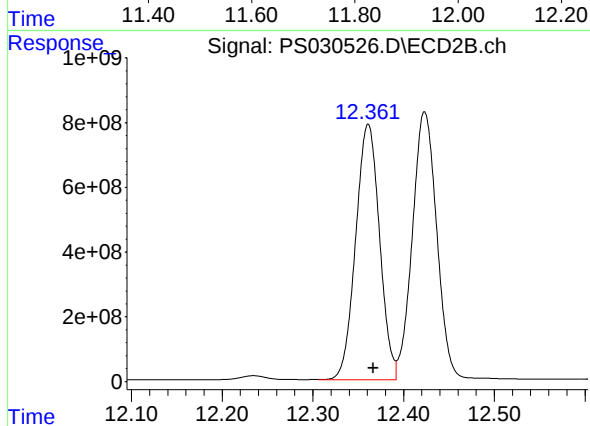
#15 Picloram

R.T.: 12.423 min
Delta R.T.: -0.006 min
Response: 15260331113
Conc: 691.02 ng/ml



#16 DCPA

R.T.: 11.785 min
Delta R.T.: -0.012 min
Response: 19247657192
Conc: 727.97 ng/ml



#16 DCPA

R.T.: 12.361 min
Delta R.T.: -0.006 min
Response: 14505850529
Conc: 708.88 ng/ml m