

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 00:04
 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 01:42:11 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	7.364	7.772	2710.0E6	774.2E6	717.847m	719.758
Target Compounds							
1) T	Dalapon	2.715	2.711	3725.6E6	1775.0E6	659.760	647.806
2) T	3,5-DICHL...	6.520	6.716	3744.5E6	1063.4E6	690.050	679.840
3) T	4-Nitroph...	7.163	7.302	1209.4E6	1070.2E6	659.506	682.855
5) T	DICAMBA	7.556	7.976	10868.1E6	4517.6E6	704.686	701.315
6) T	MCP	7.738	8.075	657.0E6	163.9E6	66.326	70.888
7) T	MCPA	7.889	8.325	862.2E6	208.2E6	67.950	67.468
8) T	DICHLORPROP	8.272	8.696	2477.3E6	1017.3E6	680.911	685.395
9) T	2,4-D	8.504	9.032	2483.5E6	1089.6E6	681.592	692.969
10) T	Pentachlo...	8.814	9.558	38716.9E6	26108.3E6	762.350	722.460
11) T	2,4,5-TP ...	9.396	9.939	14672.9E6	9669.3E6	710.033	704.928
12) T	2,4,5-T	9.690	10.365	12753.9E6	9182.0E6	691.979	703.220
13) T	2,4-DB	10.272	10.932	2017.6E6	795.5E6	664.468	692.003
14) T	DINOSEB	11.493	11.318	10024.4E6	6965.4E6	697.350	693.066
15) T	Picloram	11.298	12.426	12289.4E6	15277.3E6	614.323	691.783
16) T	DCPA	11.789	12.363	18990.5E6	14437.9E6	718.245	705.565

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

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Acq On : 05 Jun 2025 00:04
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

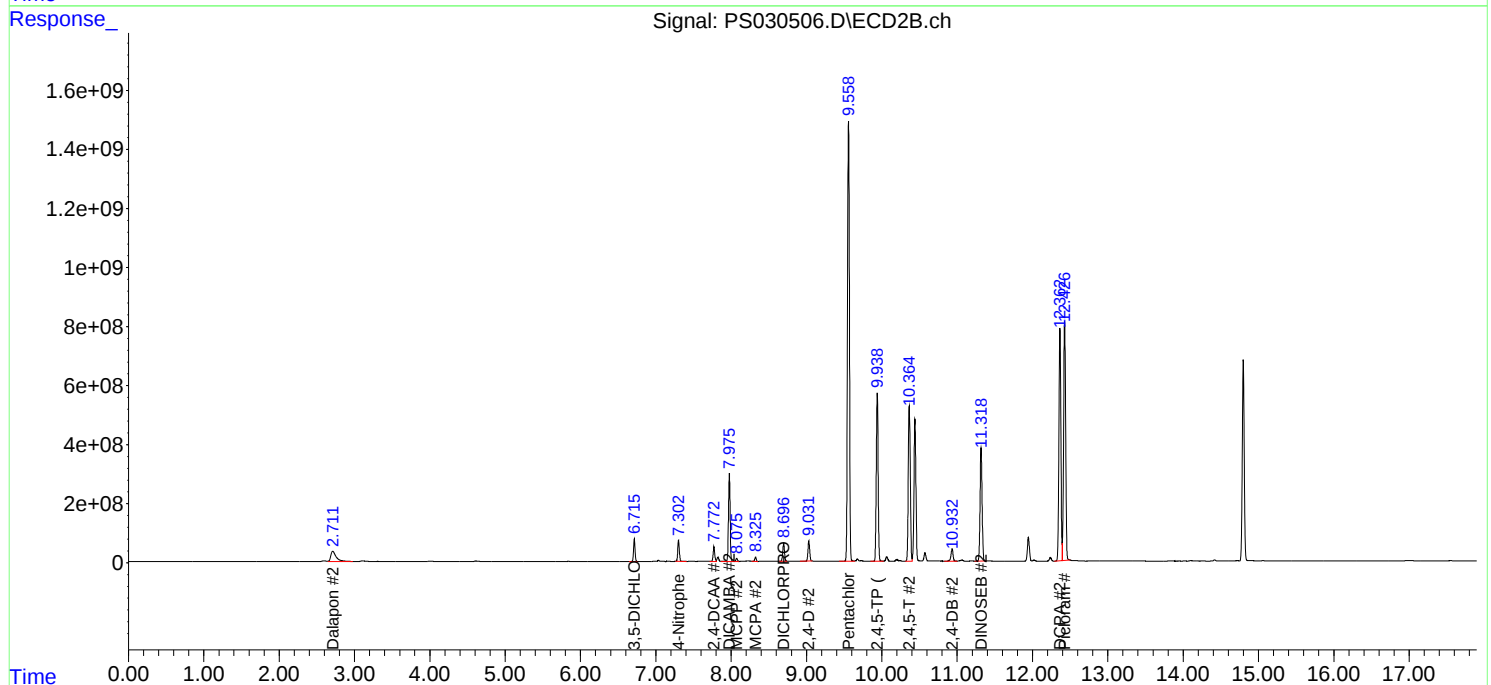
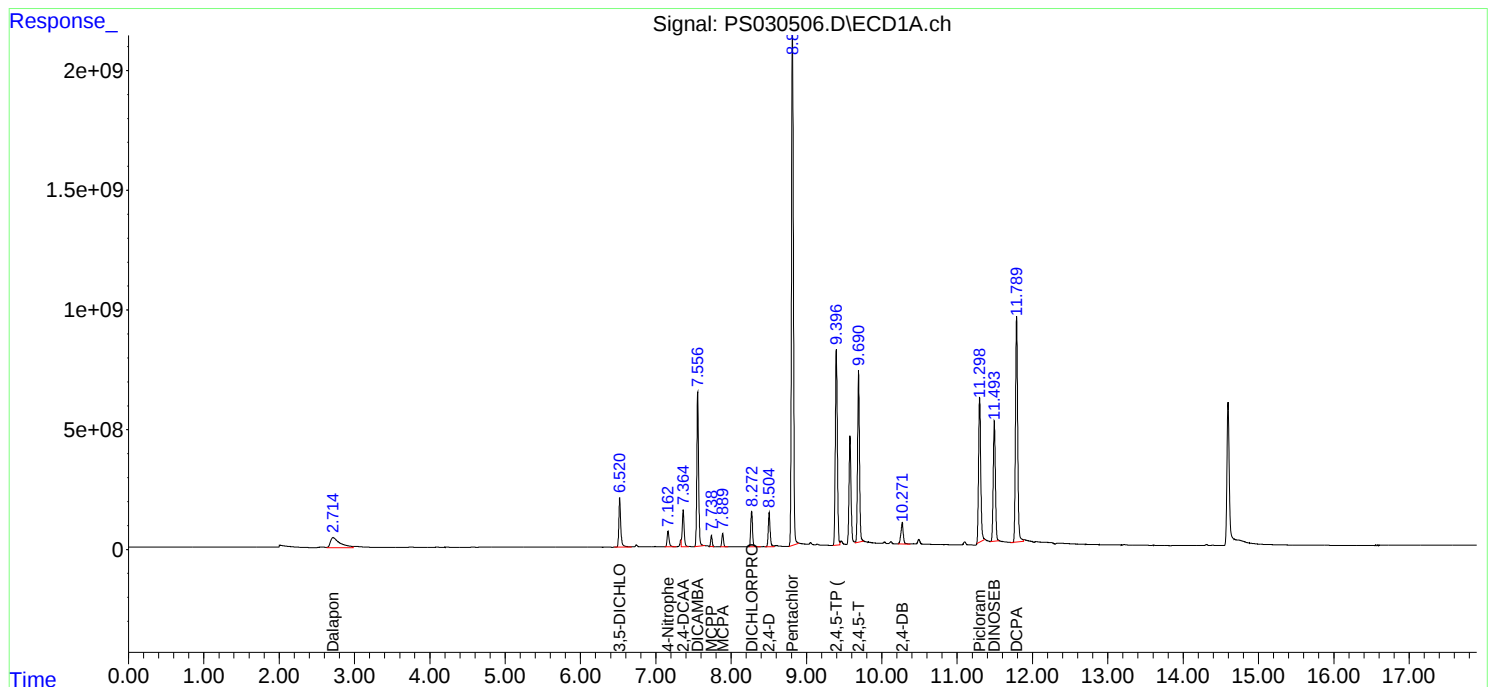
Instrument :
ECD_S
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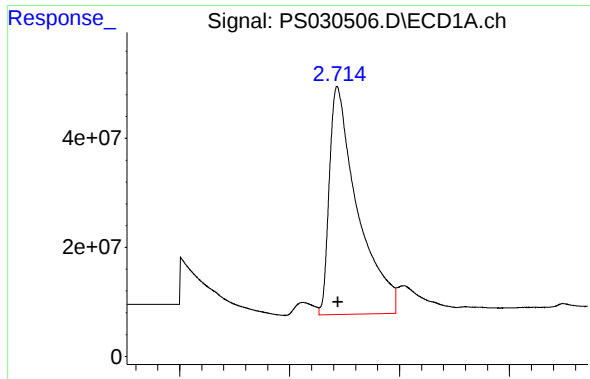
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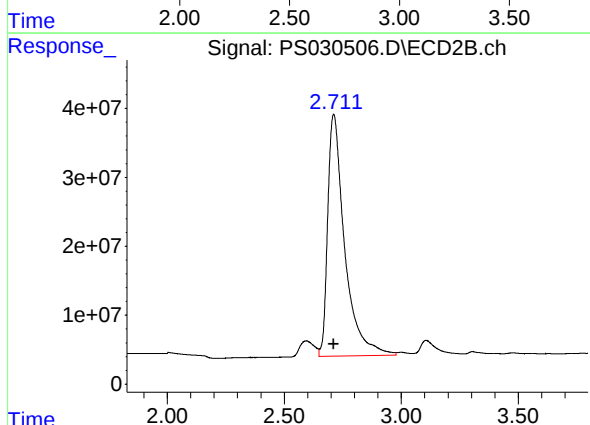
#1 Dalapon

R.T.: 2.715 min
Delta R.T.: -0.005 min
Response: 3725644560
Conc: 659.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

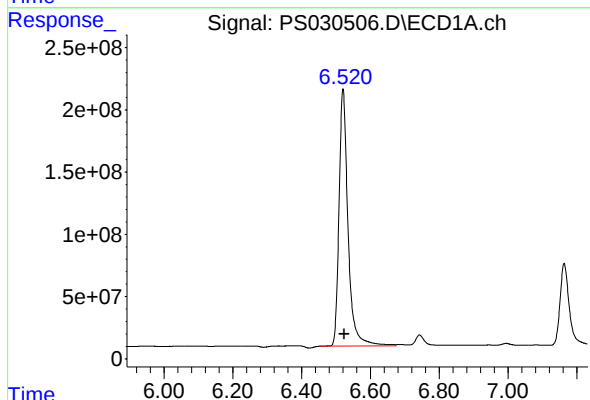
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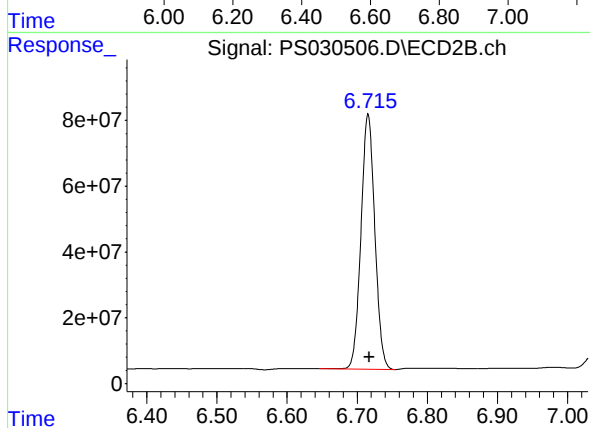
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1774997630
Conc: 647.81 ng/ml



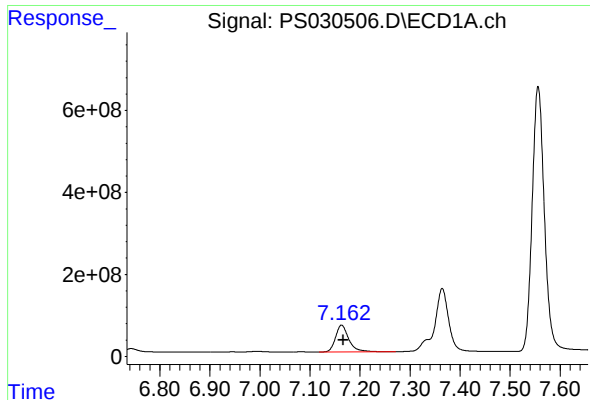
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 3744455333
Conc: 690.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 1063439102
Conc: 679.84 ng/ml



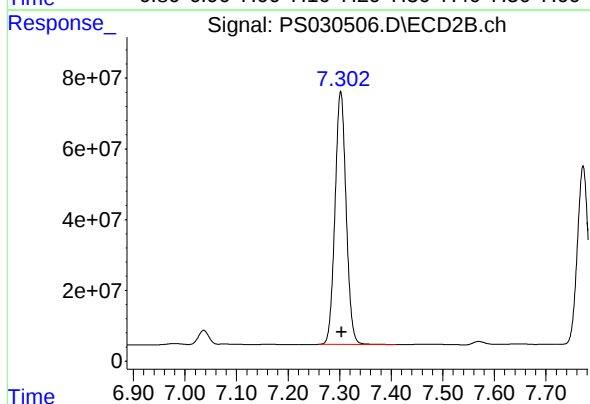
#3 4-Nitrophenol

R.T.: 7.163 min
Delta R.T.: -0.004 min
Response: 1209373495
Conc: 659.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

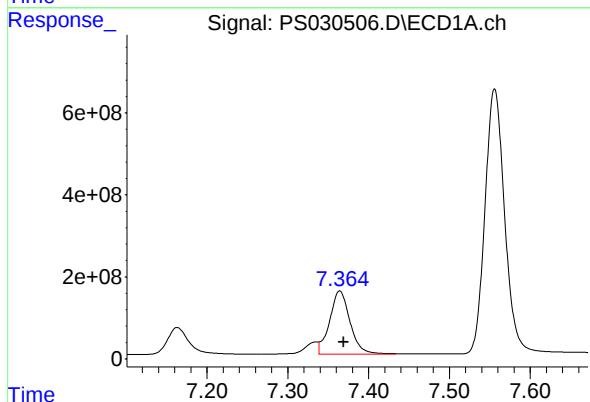
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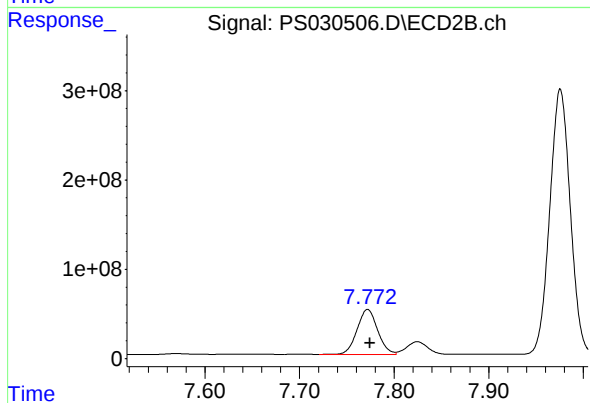
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 1070200013
Conc: 682.86 ng/ml



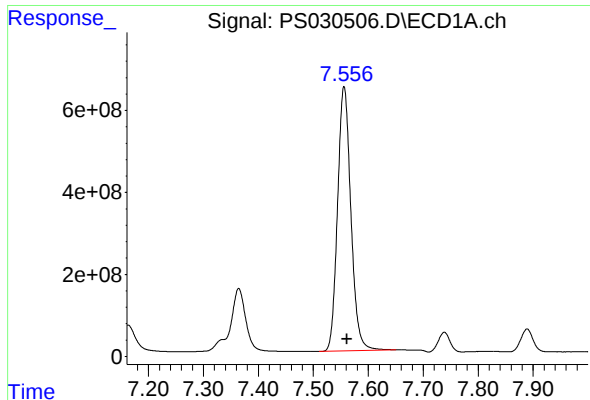
#4 2,4-DCAA

R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 2709975878
Conc: 717.85 ng/ml m



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 774178949
Conc: 719.76 ng/ml



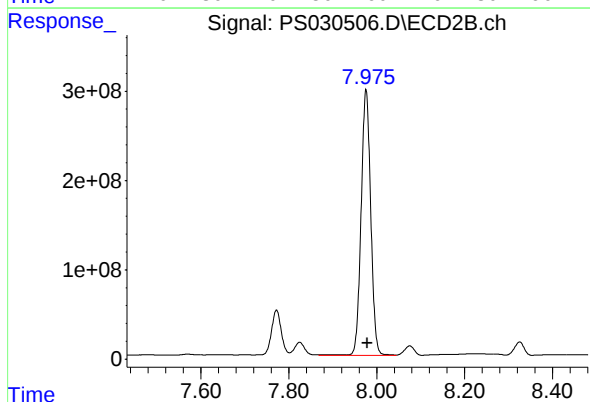
#5 DICAMBA

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 10868052850
Conc: 704.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

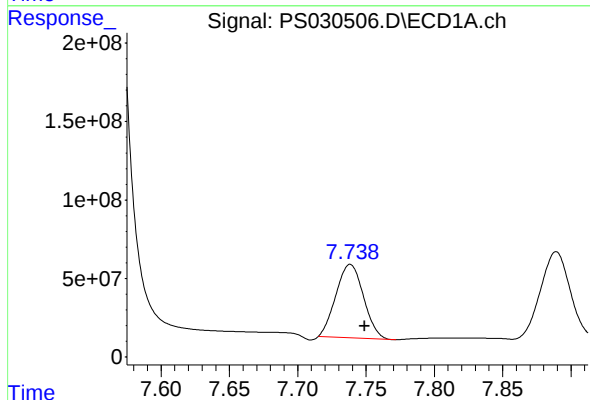
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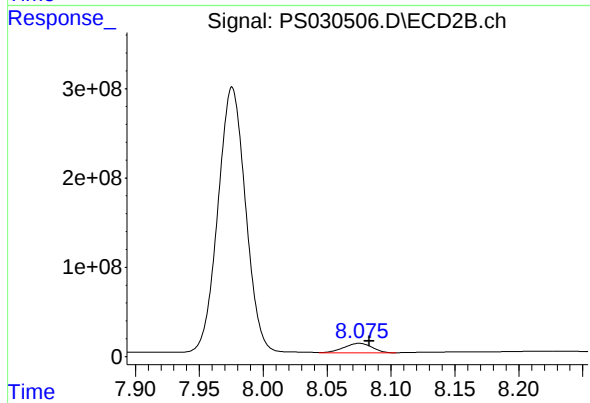
#5 DICAMBA

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 4517624660
Conc: 701.32 ng/ml



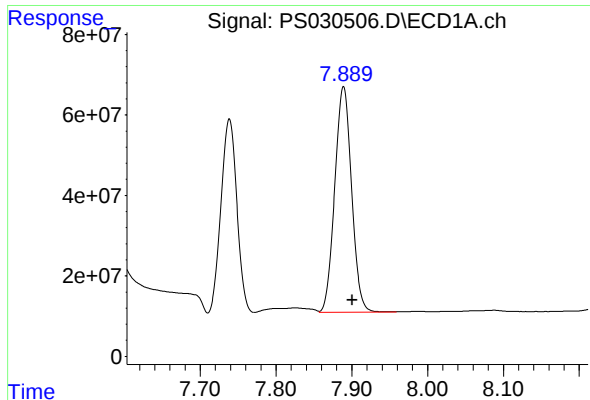
#6 MCPP

R.T.: 7.738 min
Delta R.T.: -0.010 min
Response: 656955977
Conc: 66.33 ug/ml



#6 MCPP

R.T.: 8.075 min
Delta R.T.: -0.008 min
Response: 163864902
Conc: 70.89 ug/ml



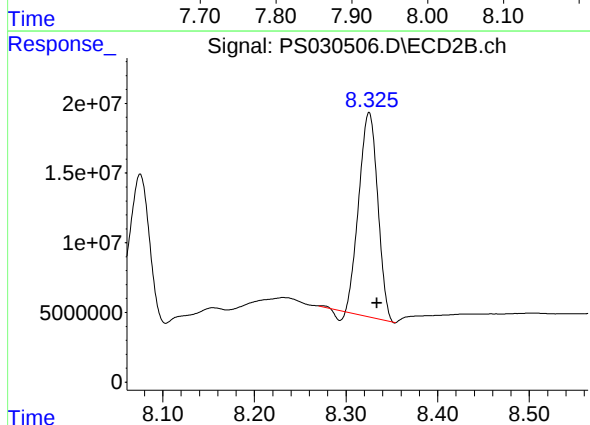
#7 MCPA

R.T.: 7.889 min
Delta R.T.: -0.011 min
Response: 862241097
Conc: 67.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

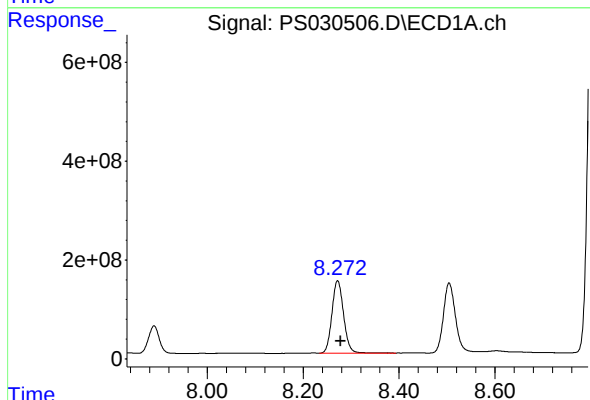
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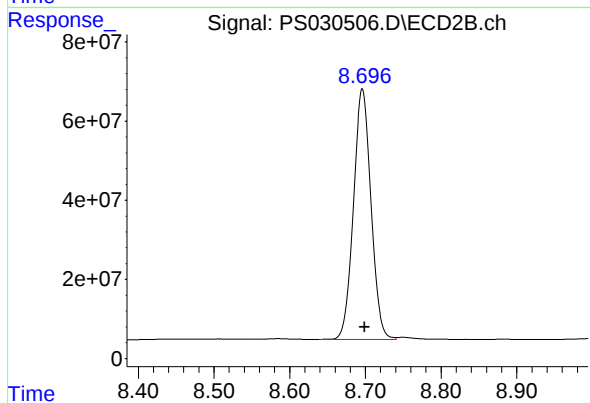
#7 MCPA

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 208199771
Conc: 67.47 ug/ml



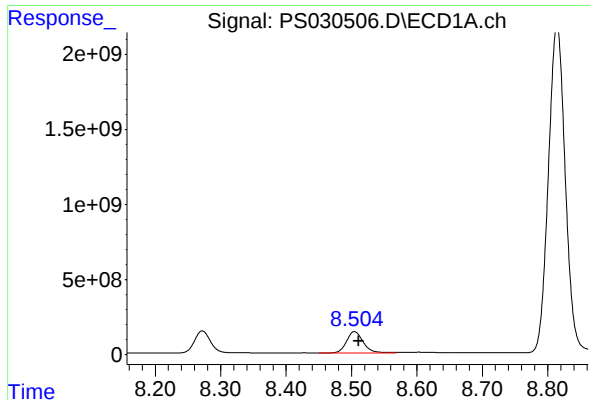
#8 DICHLORPROP

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 2477251745
Conc: 680.91 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 1017265191
Conc: 685.39 ng/ml



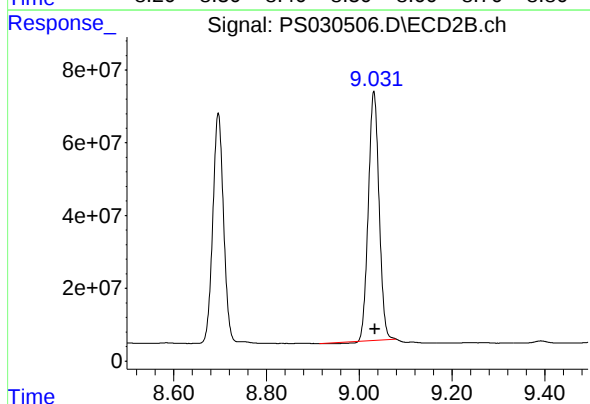
#9 2,4-D

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 2483456699
Conc: 681.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

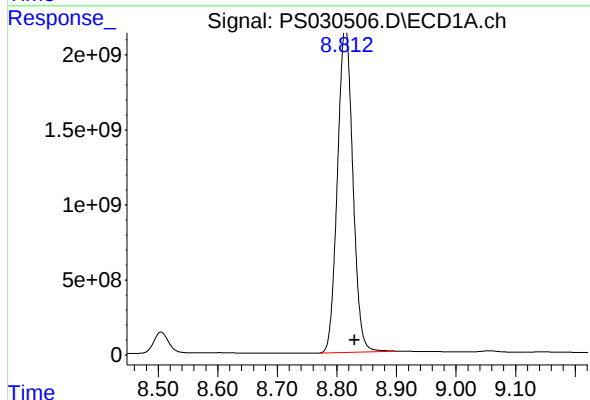
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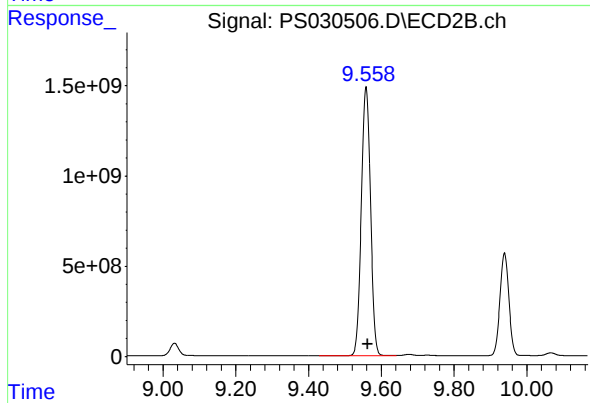
#9 2,4-D

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 1089568972
Conc: 692.97 ng/ml



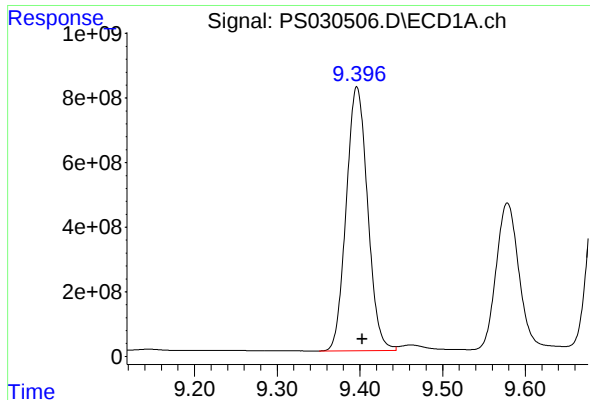
#10 Pentachlorophenol

R.T.: 8.814 min
Delta R.T.: -0.015 min
Response: 38716862812
Conc: 762.35 ng/ml



#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 26108278518
Conc: 722.46 ng/ml



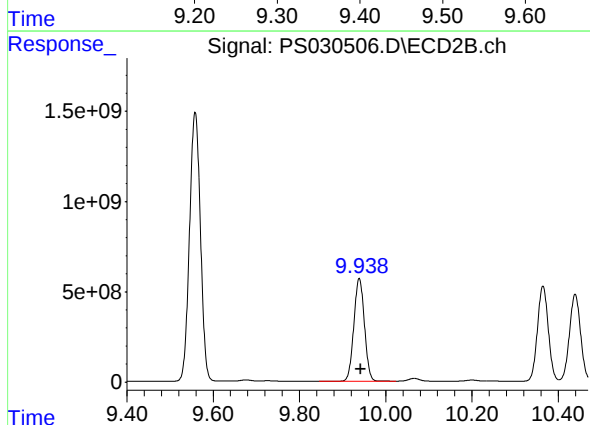
#11 2,4,5-TP (SILVEX)

R.T.: 9.396 min
Delta R.T.: -0.007 min
Response: 14672890512
Conc: 710.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

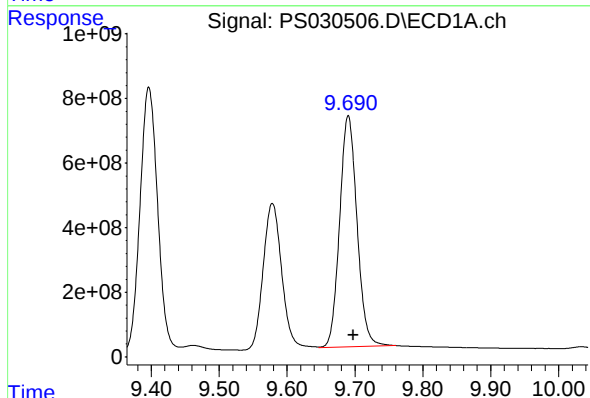
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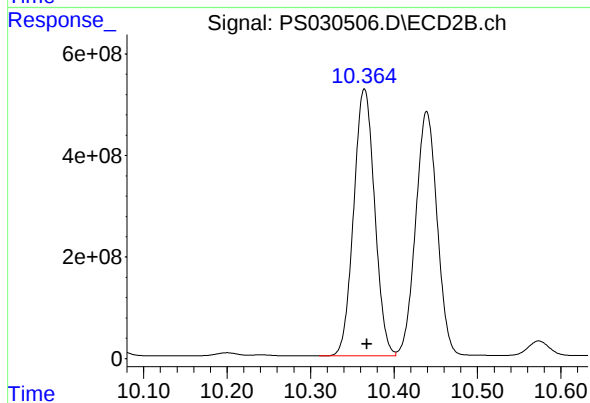
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min
Delta R.T.: -0.004 min
Response: 9669314552
Conc: 704.93 ng/ml



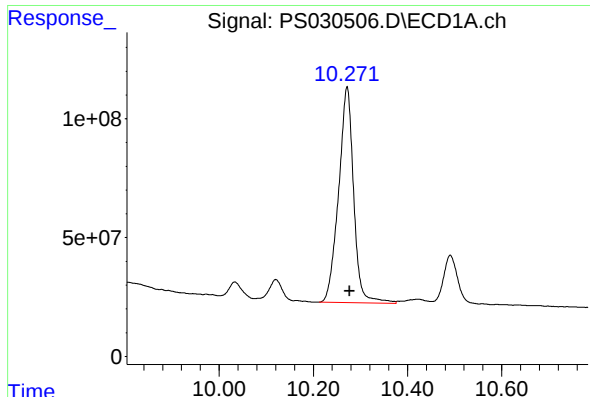
#12 2,4,5-T

R.T.: 9.690 min
Delta R.T.: -0.007 min
Response: 12753901175
Conc: 691.98 ng/ml



#12 2,4,5-T

R.T.: 10.365 min
Delta R.T.: -0.003 min
Response: 9182035525
Conc: 703.22 ng/ml



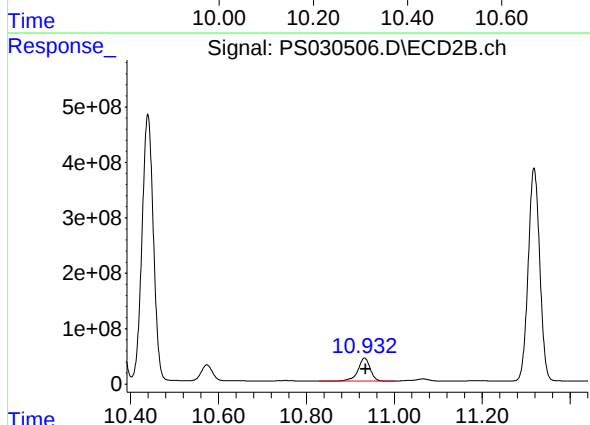
#13 2,4-DB

R.T.: 10.272 min
Delta R.T.: -0.006 min
Response: 2017566477
Conc: 664.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

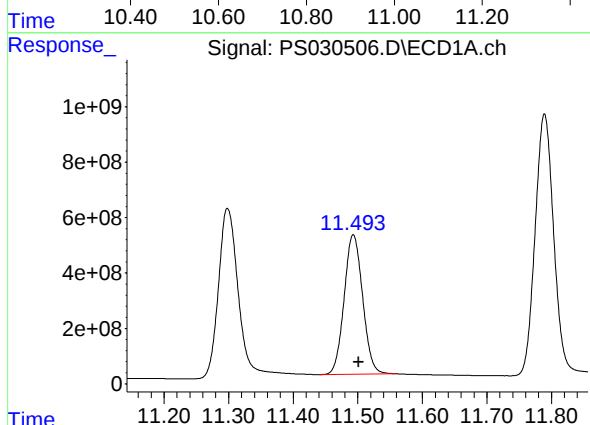
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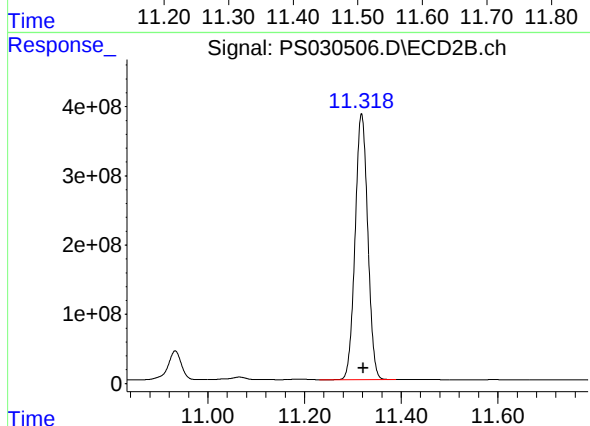
#13 2,4-DB

R.T.: 10.932 min
Delta R.T.: -0.003 min
Response: 795493716
Conc: 692.00 ng/ml



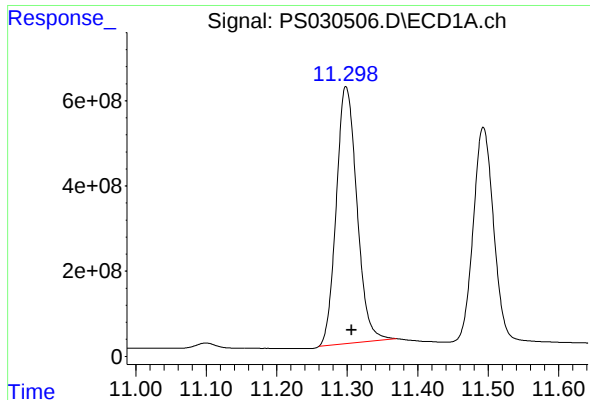
#14 DINOSEB

R.T.: 11.493 min
Delta R.T.: -0.008 min
Response: 10024359054
Conc: 697.35 ng/ml



#14 DINOSEB

R.T.: 11.318 min
Delta R.T.: -0.004 min
Response: 6965394982
Conc: 693.07 ng/ml



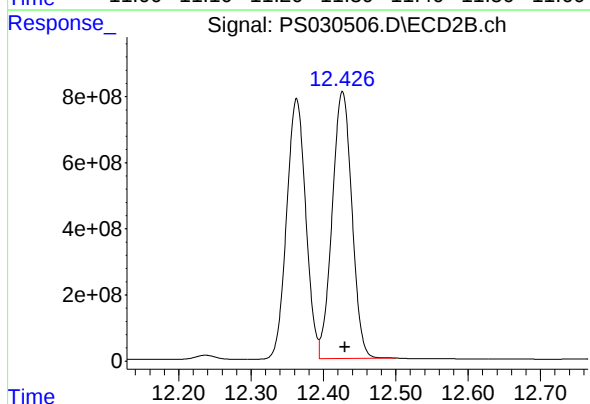
#15 Picloram

R.T.: 11.298 min
Delta R.T.: -0.008 min
Response: 12289416464
Conc: 614.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

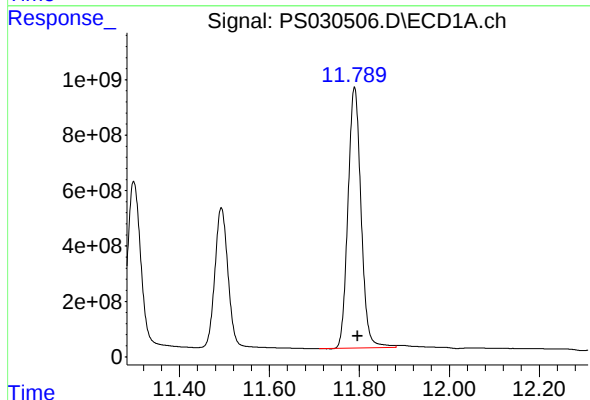
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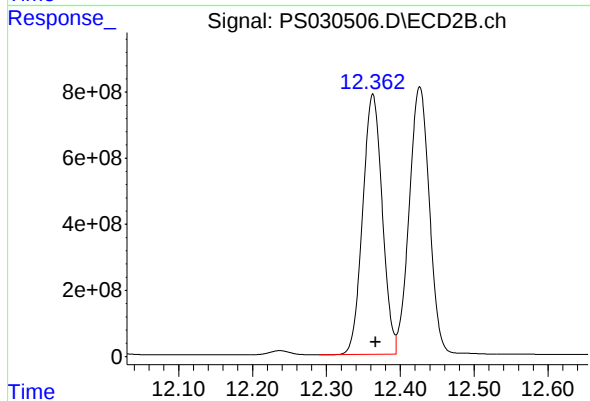
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.003 min
Response: 15277252030
Conc: 691.78 ng/ml



#16 DCPA

R.T.: 11.789 min
Delta R.T.: -0.008 min
Response: 18990464260
Conc: 718.24 ng/ml



#16 DCPA

R.T.: 12.363 min
Delta R.T.: -0.004 min
Response: 14437920043
Conc: 705.56 ng/ml