

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 04:29
 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 05:33:47 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	7.364	7.772	2692.7E6	762.8E6	713.260m	709.208
Target Compounds							
1) T	Dalapon	2.716	2.712	3731.2E6	1777.7E6	660.743	648.799
2) T	3,5-DICHL...	6.520	6.715	3801.9E6	1066.8E6	700.632	681.994
3) T	4-Nitroph...	7.162	7.302	1240.7E6	1074.0E6	676.584	685.265
5) T	DICAMBA	7.555	7.976	11012.8E6	4498.4E6	714.070	698.332
6) T	MCP	7.738	8.075	651.4E6	163.1E6	65.768	70.557
7) T	MCPA	7.889	8.324	870.4E6	224.3E6	68.593	72.684m
8) T	DICHLORPROP	8.271	8.696	2521.3E6	1022.7E6	693.019	689.026
9) T	2,4-D	8.504	9.031	2541.4E6	1144.1E6	697.492	727.629m
10) T	Pentachlo...	8.813	9.559	39349.9E6	26276.9E6	774.815	727.126
11) T	2,4,5-TP ...	9.395	9.939	14892.9E6	9734.6E6	720.682	709.687
12) T	2,4,5-T	9.690	10.365	13045.4E6	9235.6E6	707.794	707.322
13) T	2,4-DB	10.269	10.932	2070.2E6	800.5E6	681.812	696.340
14) T	DINOSEB	11.491	11.318	10193.8E6	7033.9E6	709.134	699.885
15) T	Picloram	11.297	12.426	13101.7E6	15476.3E6	654.929m	700.796
16) T	DCPA	11.787	12.363	19415.3E6	14491.4E6	734.312	708.177

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

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Acq On : 05 Jun 2025 04:29
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

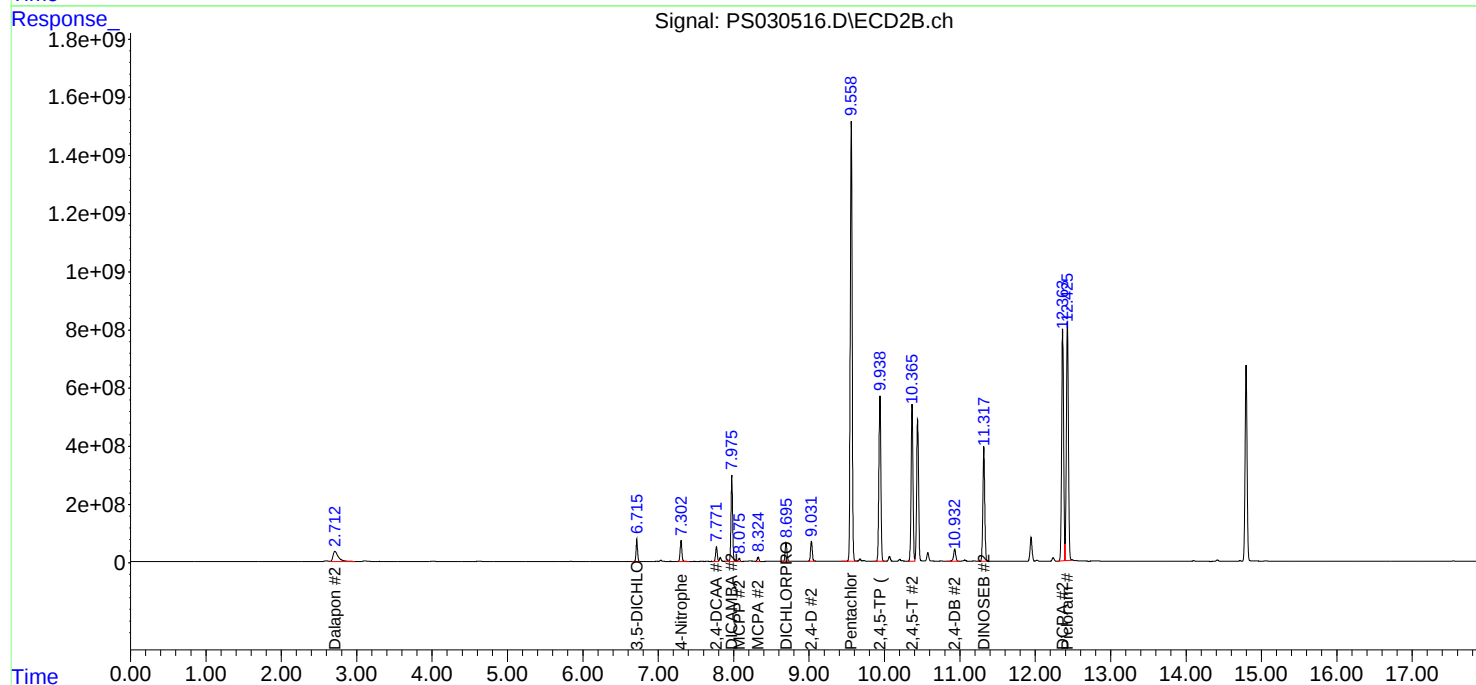
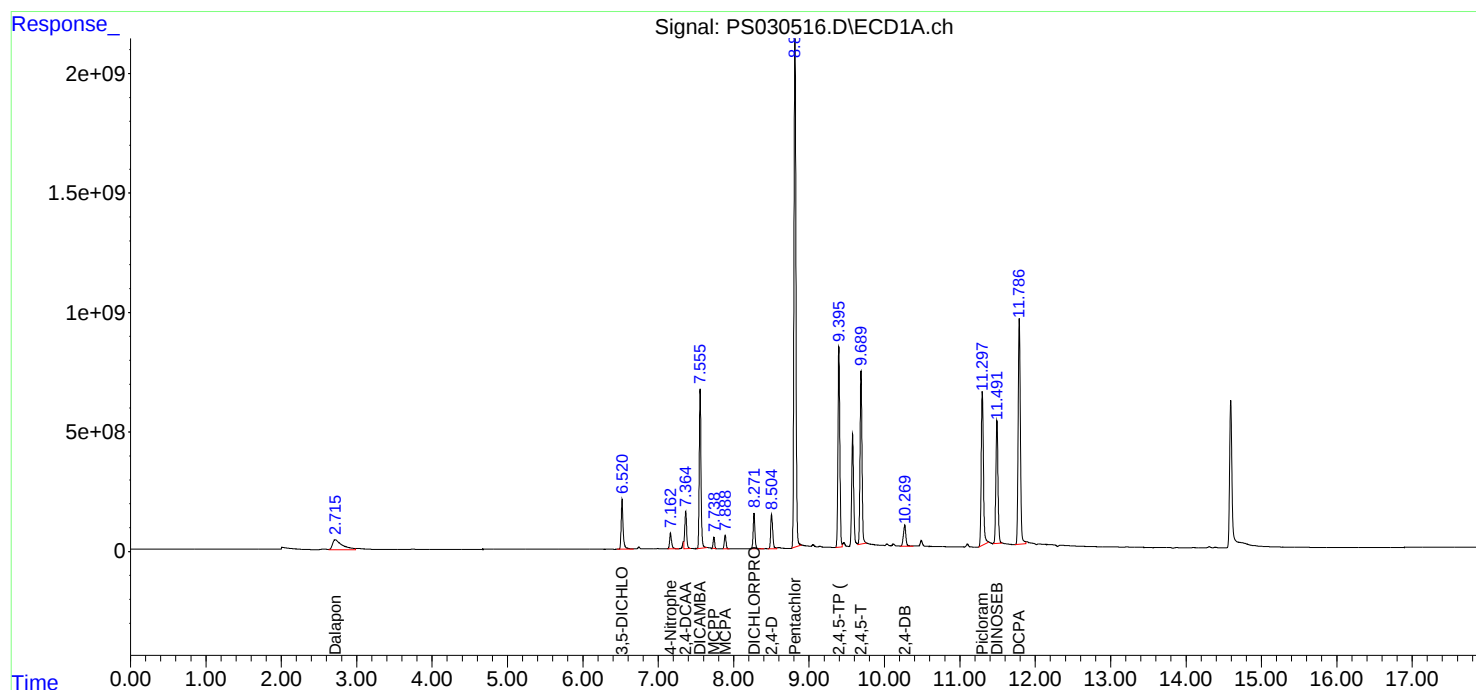
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

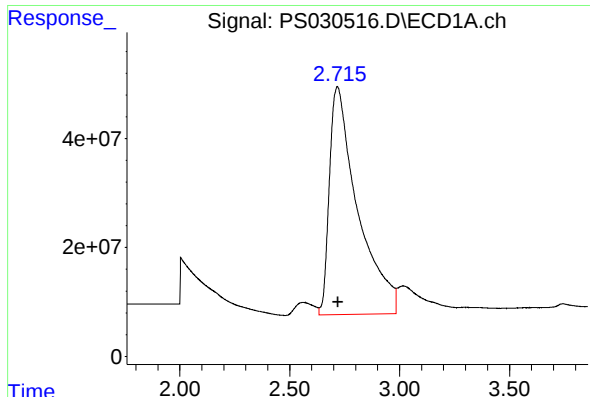
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Supervised By :mohammad ahmed 06/06/2025

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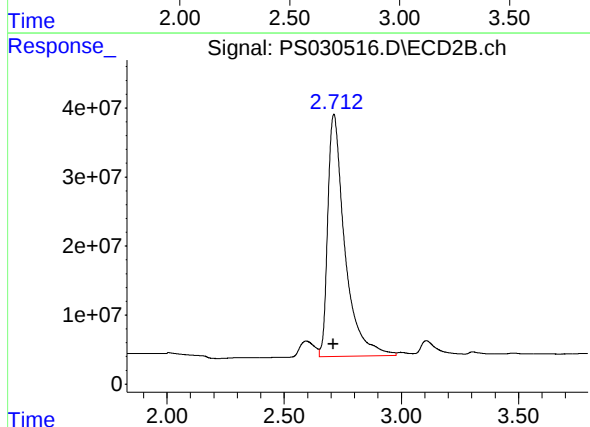
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 3731199381
Conc: 660.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

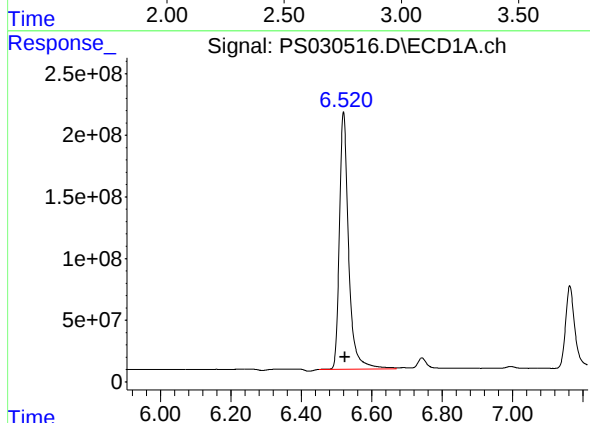
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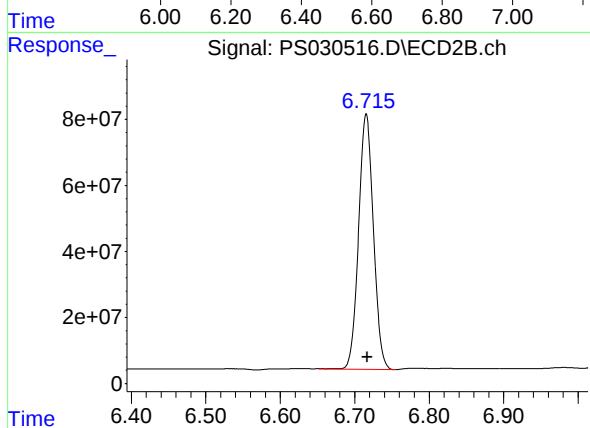
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.002 min
Response: 1777718547
Conc: 648.80 ng/ml



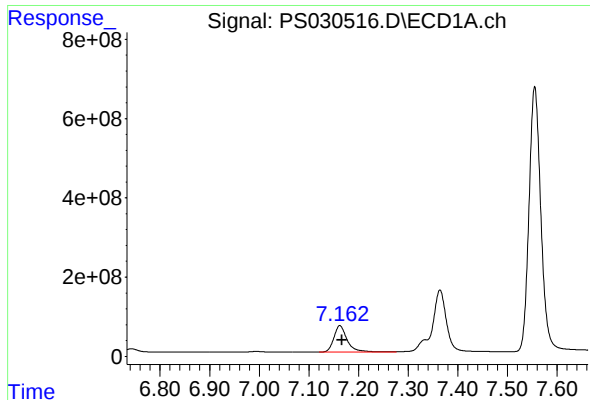
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 3801875491
Conc: 700.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 1066808277
Conc: 681.99 ng/ml



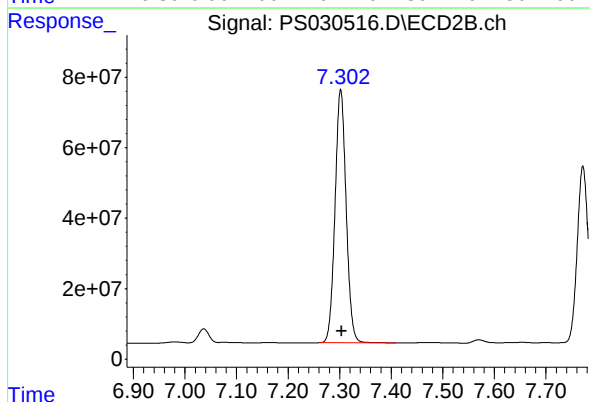
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 1240690414
Conc: 676.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

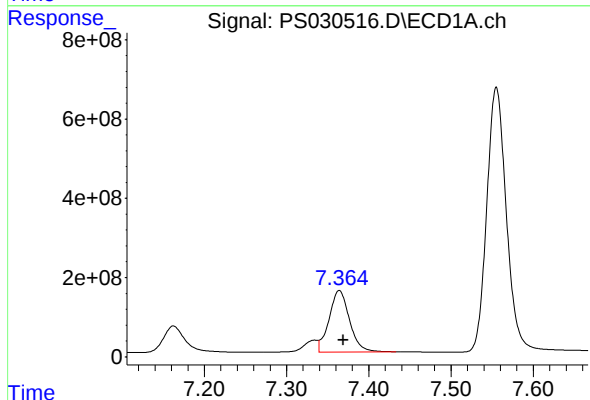
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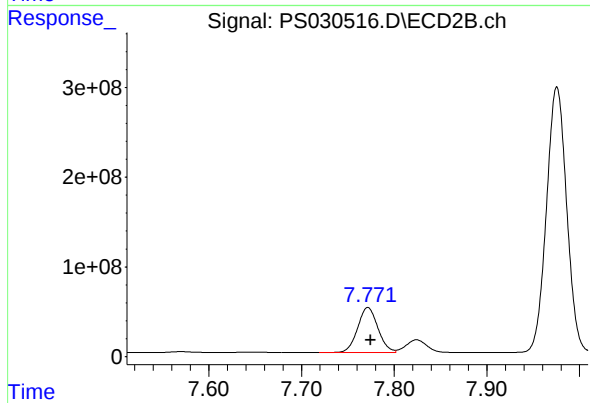
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 1073976912
Conc: 685.27 ng/ml



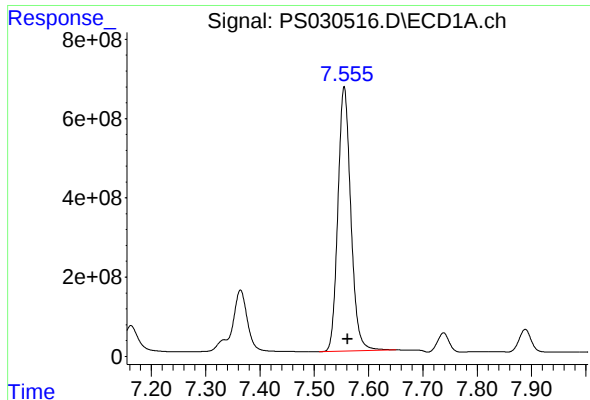
#4 2,4-DCAA

R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 2692659557
Conc: 713.26 ng/ml m



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 762831867
Conc: 709.21 ng/ml



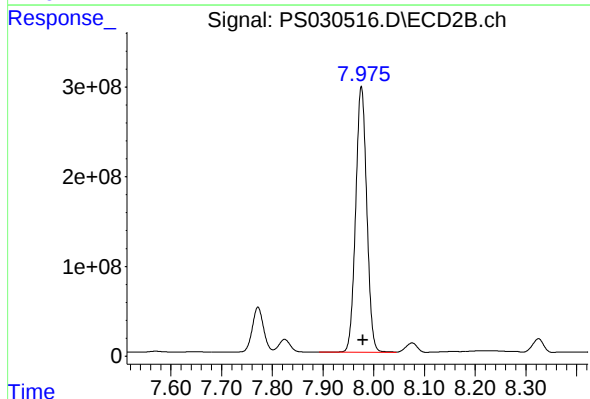
#5 DICAMBA

R.T.: 7.555 min
Delta R.T.: -0.006 min
Response: 11012773728
Conc: 714.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

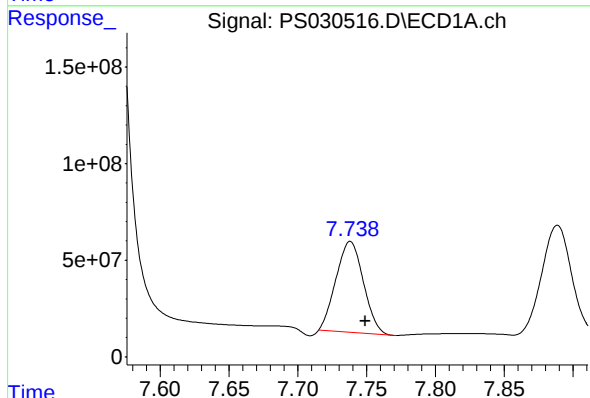
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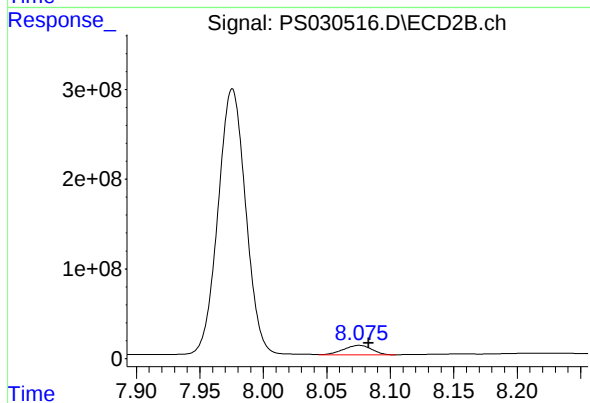
#5 DICAMBA

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 4498410387
Conc: 698.33 ng/ml



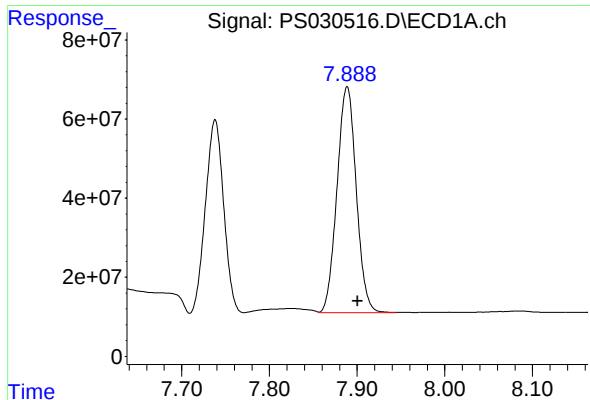
#6 MCP

R.T.: 7.738 min
Delta R.T.: -0.011 min
Response: 651424012
Conc: 65.77 ug/ml



#6 MCP

R.T.: 8.075 min
Delta R.T.: -0.008 min
Response: 163098107
Conc: 70.56 ug/ml



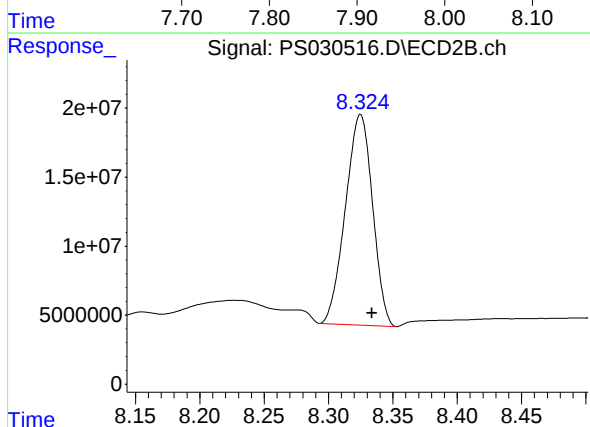
#7 MCPA

R.T.: 7.889 min
Delta R.T.: -0.012 min
Response: 870405687
Conc: 68.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

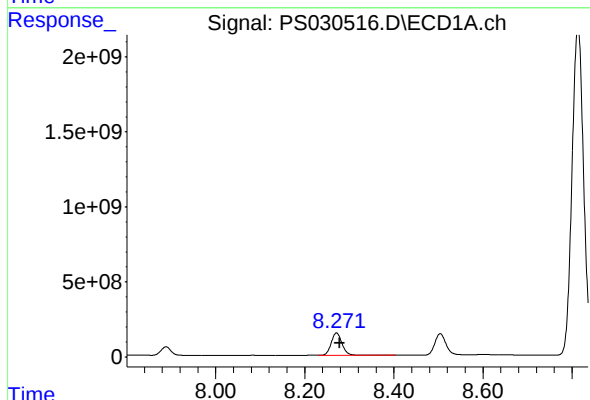
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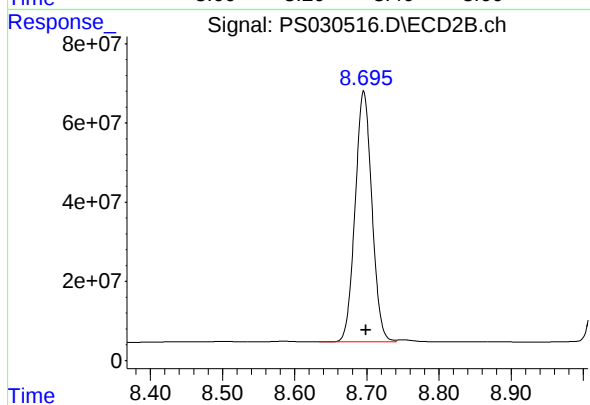
#7 MCPA

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 224297166
Conc: 72.68 ug/ml



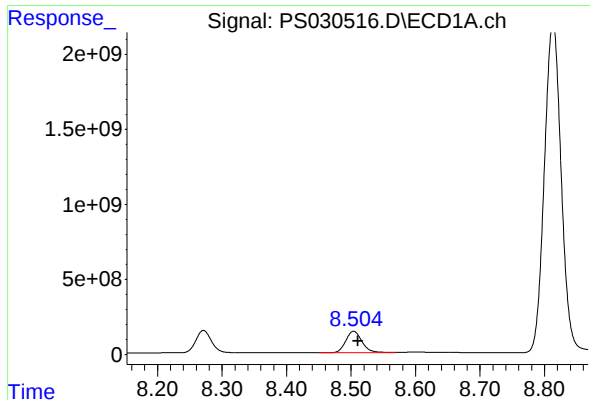
#8 DICHLORPROP

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 2521305684
Conc: 693.02 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 1022655023
Conc: 689.03 ng/ml



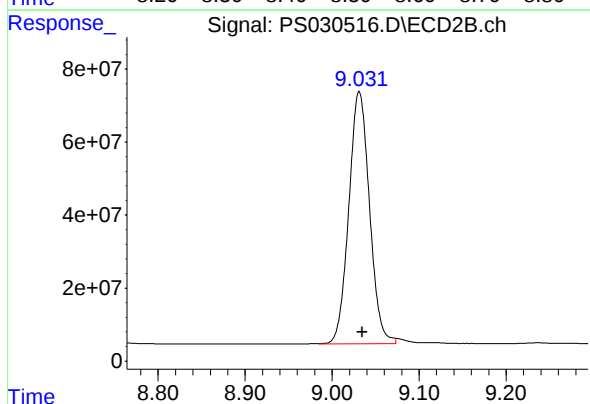
#9 2,4-D

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 2541388606
Conc: 697.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

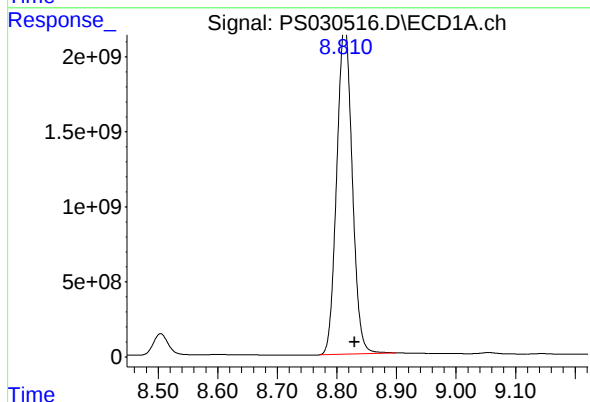
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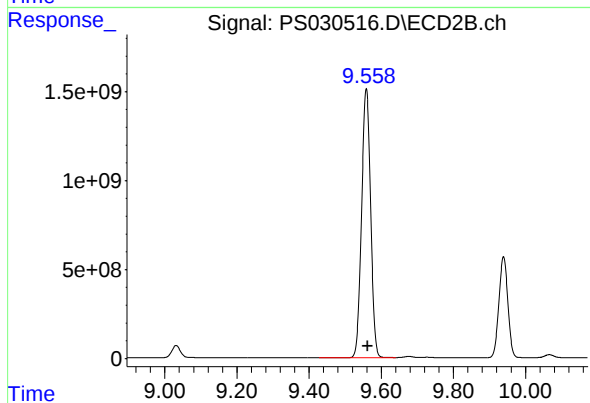
#9 2,4-D

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 1144065590
Conc: 727.63 ng/ml m



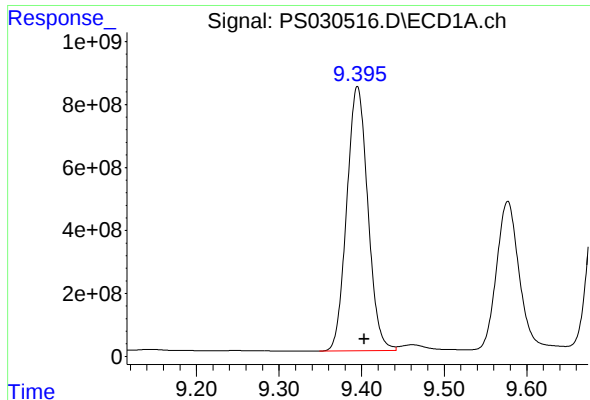
#10 Pentachlorophenol

R.T.: 8.813 min
Delta R.T.: -0.016 min
Response: 39349895867
Conc: 774.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.559 min
Delta R.T.: -0.004 min
Response: 26276883260
Conc: 727.13 ng/ml



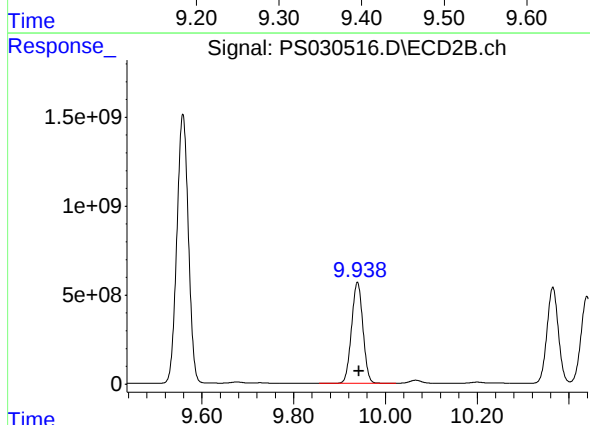
#11 2,4,5-TP (SILVEX)

R.T.: 9.395 min
Delta R.T.: -0.008 min
Response: 14892947509
Conc: 720.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

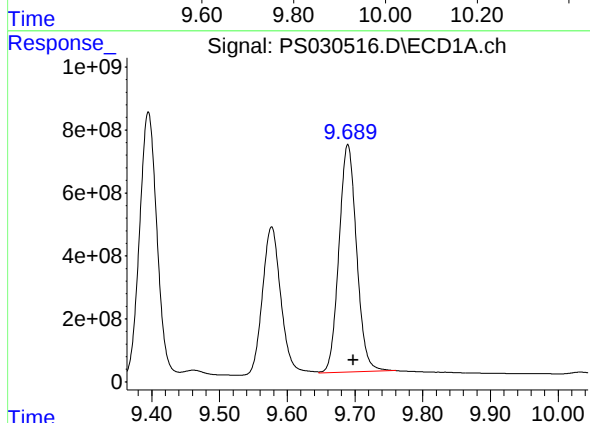
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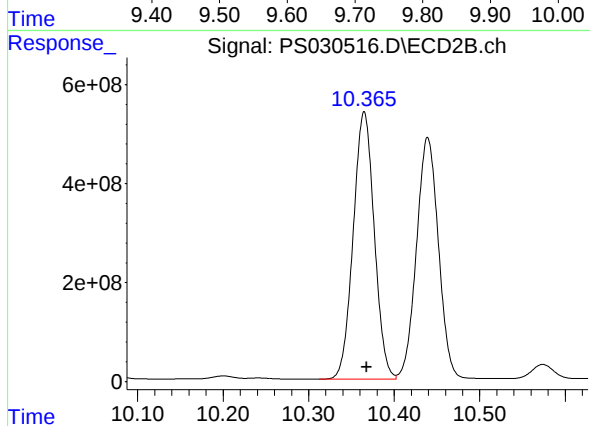
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min
Delta R.T.: -0.003 min
Response: 9734589361
Conc: 709.69 ng/ml



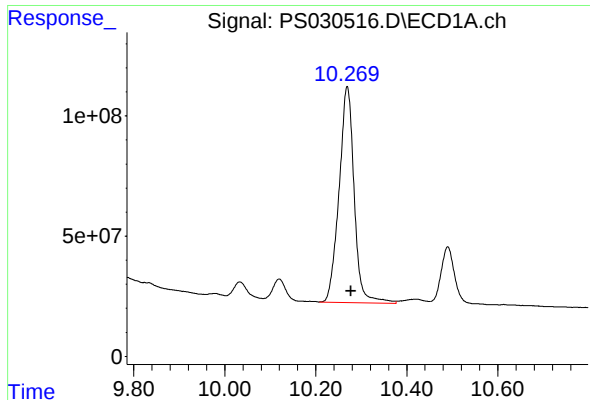
#12 2,4,5-T

R.T.: 9.690 min
Delta R.T.: -0.008 min
Response: 13045404225
Conc: 707.79 ng/ml



#12 2,4,5-T

R.T.: 10.365 min
Delta R.T.: -0.003 min
Response: 9235594912
Conc: 707.32 ng/ml



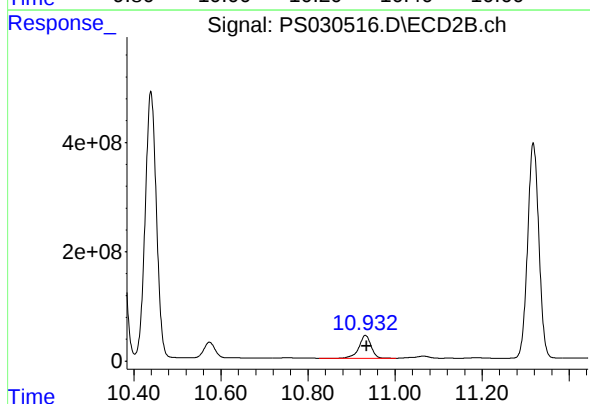
#13 2,4-DB

R.T.: 10.269 min
Delta R.T.: -0.008 min
Response: 2070229958
Conc: 681.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
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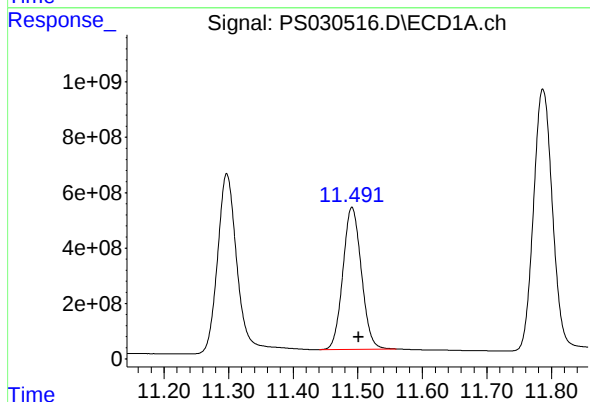
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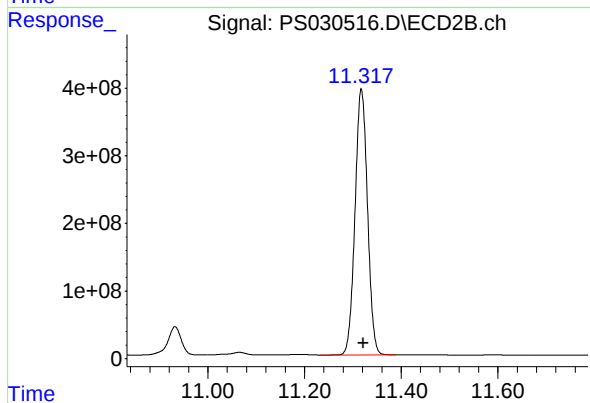
#13 2,4-DB

R.T.: 10.932 min
Delta R.T.: -0.003 min
Response: 800479294
Conc: 696.34 ng/ml



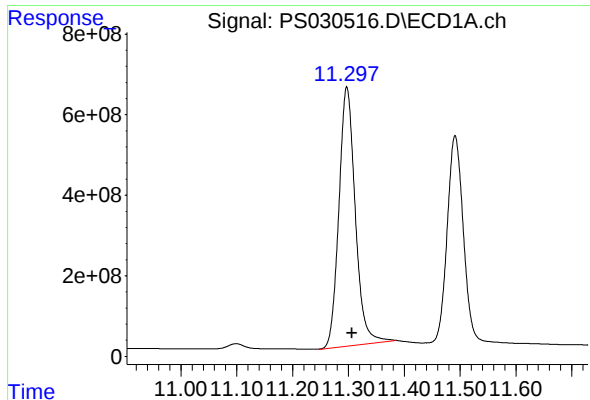
#14 DINOSEB

R.T.: 11.491 min
Delta R.T.: -0.010 min
Response: 10193750938
Conc: 709.13 ng/ml



#14 DINOSEB

R.T.: 11.318 min
Delta R.T.: -0.004 min
Response: 7033929096
Conc: 699.89 ng/ml



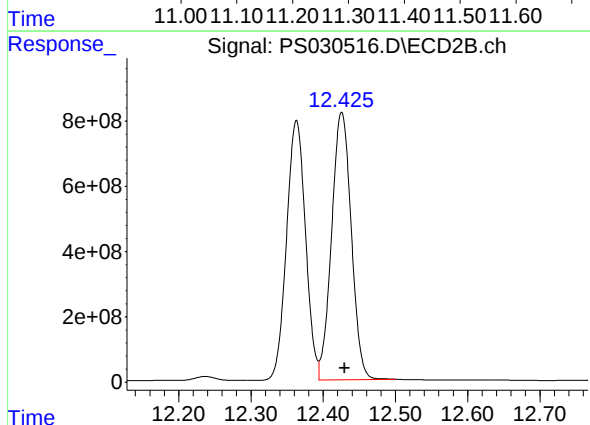
#15 Picloram

R.T.: 11.297 min
Delta R.T.: -0.010 min
Response: 13101718344
Conc: 654.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

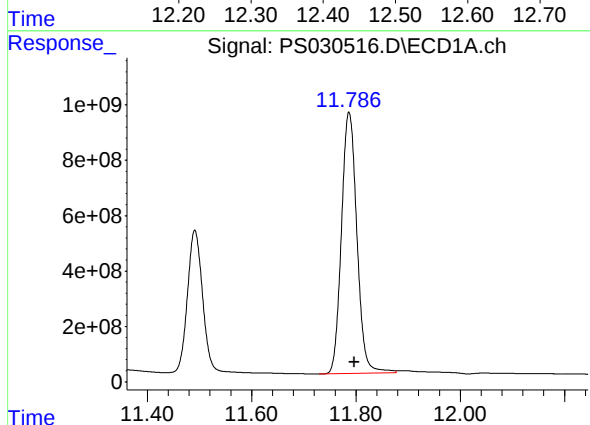
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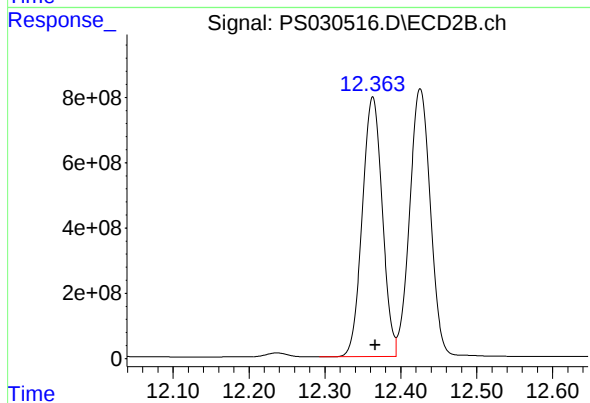
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.004 min
Response: 15476291037
Conc: 700.80 ng/ml



#16 DCPA

R.T.: 11.787 min
Delta R.T.: -0.010 min
Response: 19415287150
Conc: 734.31 ng/ml



#16 DCPA

R.T.: 12.363 min
Delta R.T.: -0.004 min
Response: 14491372147
Conc: 708.18 ng/ml