

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082025\
 Data File : PS031525.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 15:11
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/22/2025
 Supervised By :mohammad ahmed 08/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 16:47:23 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	7.287	7.742	2406.1E6	614.2E6	758.061	726.615
Target Compounds							
1) T	Dalapon	2.676	2.694	3168.0E6	1567.1E6	603.560	588.908
2) T	3,5-DICHL...	6.454	6.694	3385.7E6	927.0E6	717.556	685.650
3) T	4-Nitroph...	7.091	7.286	808.3E6	761.3E6	783.480m	605.738
5) T	DICAMBA	7.472	7.940	9974.0E6	3974.3E6	714.137	699.363
6) T	MCPD	7.651	8.038	554.4E6	116.7E6	68.908	66.039
7) T	MCPA	7.800	8.285	720.5E6	180.3E6	72.333	64.265
8) T	DICHLORPROP	8.179	8.658	2264.7E6	891.1E6	713.879	667.459
9) T	2,4-D	8.413	8.997	2184.5E6	897.5E6	759.363	628.808
10) T	Pentachlo...	8.712	9.510	37022.9E6	25572.9E6	771.110	734.254
11) T	2,4,5-TP ...	9.289	9.894	13600.8E6	9311.4E6	758.816	709.926
12) T	2,4,5-T	9.584	10.322	11404.3E6	8543.3E6	778.382	721.579
13) T	2,4-DB	10.158	10.889	1596.4E6	646.8E6	830.734m	670.322
14) T	DINOSEB	11.361	11.268	9331.0E6	6398.7E6	735.976	676.615
15) T	Picloram	11.184	12.386	10622.7E6	13212.5E6	813.738m	753.720
16) T	DCPA	11.659	12.310	17994.2E6	14714.0E6	789.937m	746.889

(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

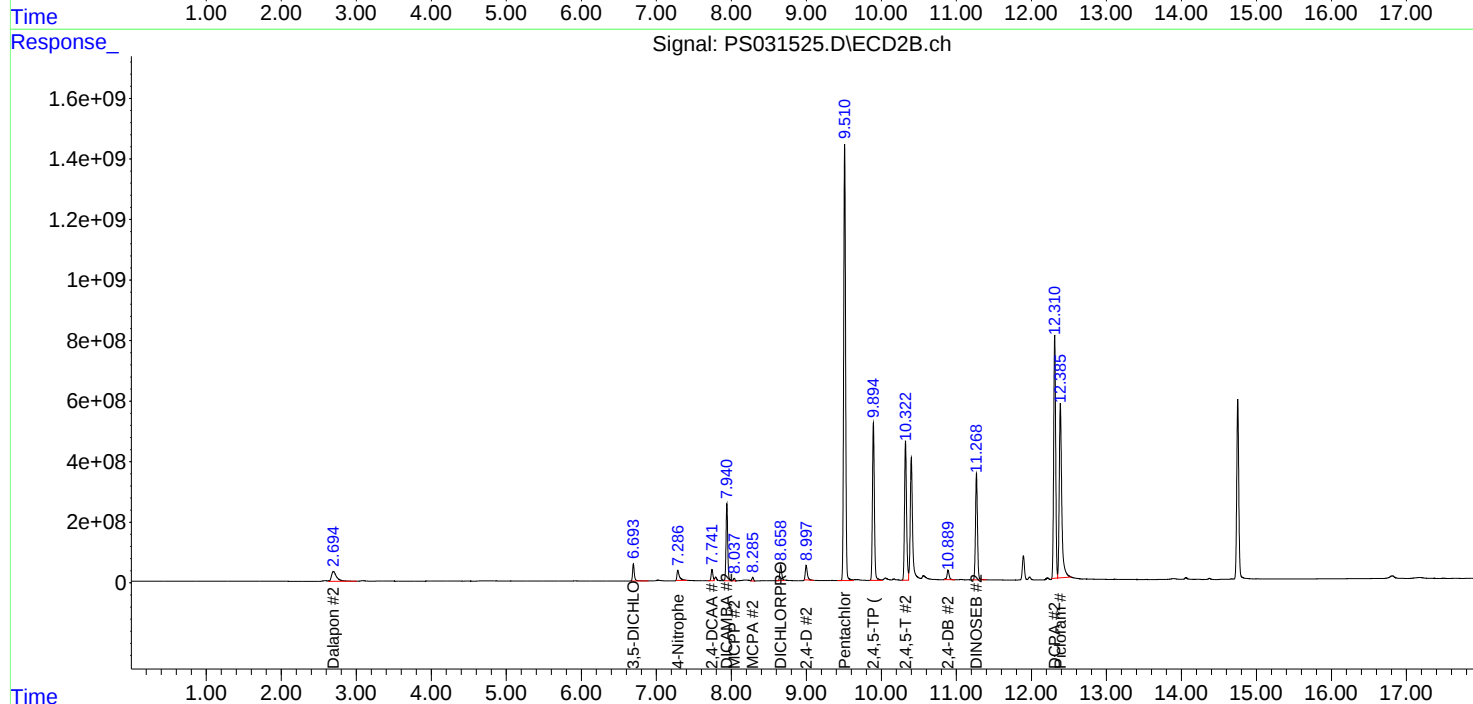
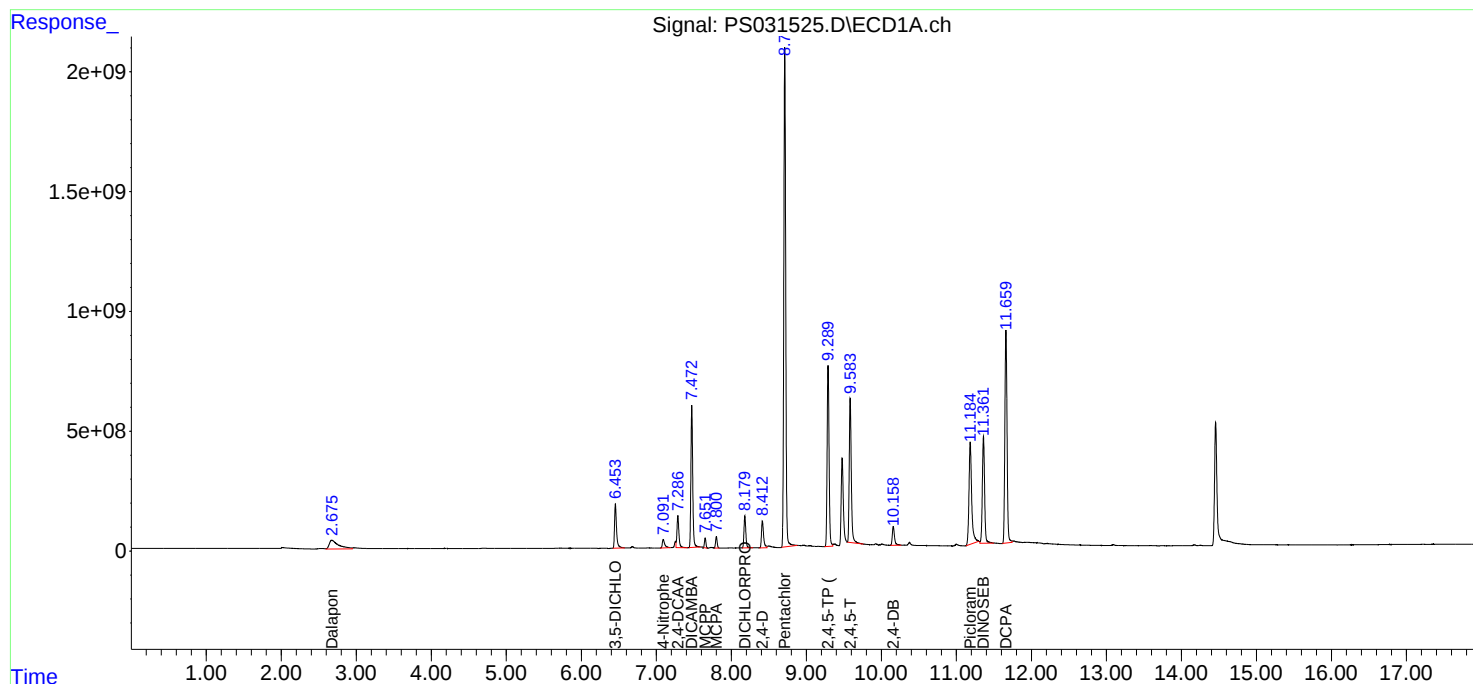
Instrument :
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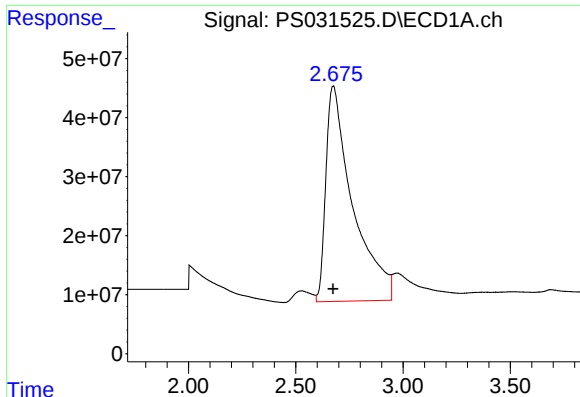
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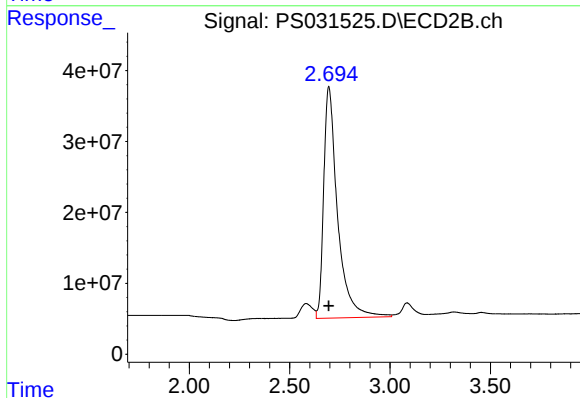
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 3168045089
Conc: 603.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

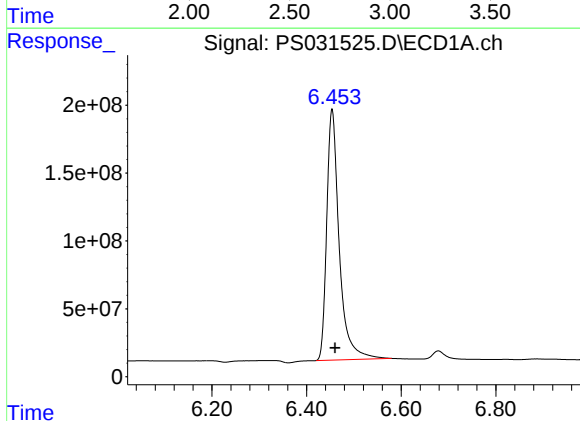
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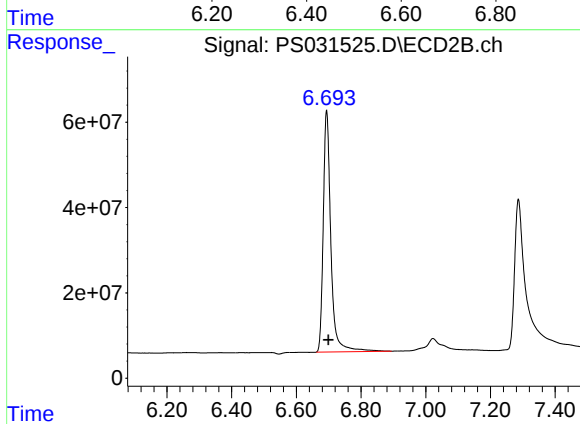
#1 Dalapon

R.T.: 2.694 min
Delta R.T.: 0.000 min
Response: 1567090524
Conc: 588.91 ng/ml



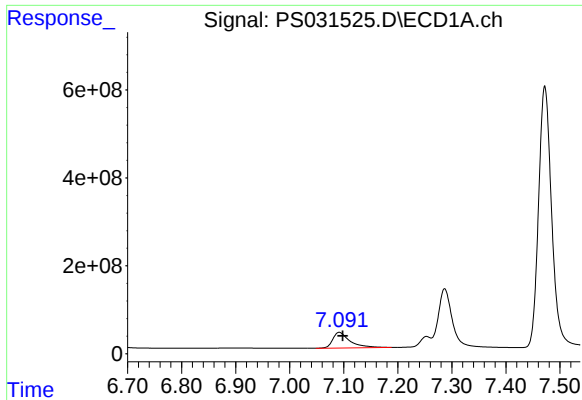
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 3385656166
Conc: 717.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 926950189
Conc: 685.65 ng/ml



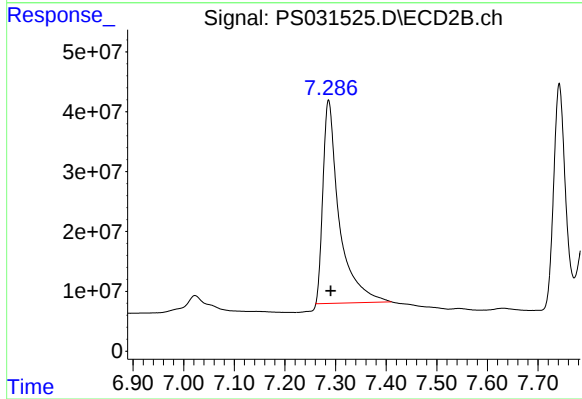
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: -0.007 min
Response: 808300072
Conc: 783.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

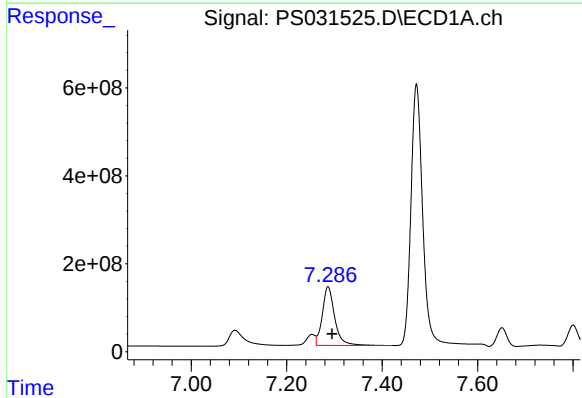
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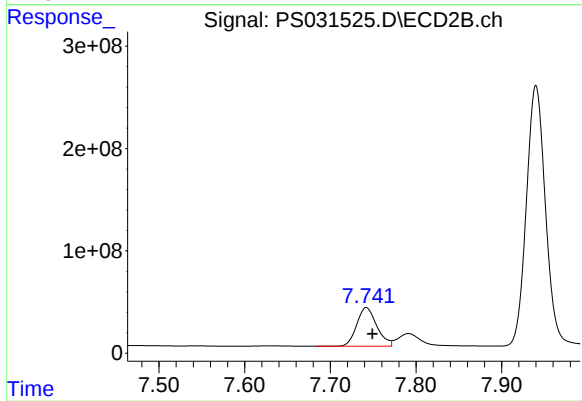
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: -0.004 min
Response: 761346354
Conc: 605.74 ng/ml



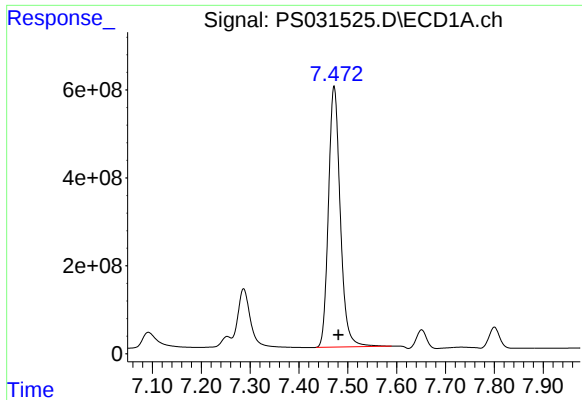
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 2406078052
Conc: 758.06 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 614236158
Conc: 726.61 ng/ml



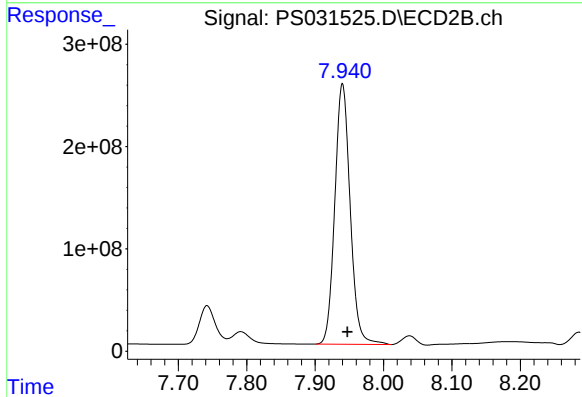
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 9973966999
Conc: 714.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

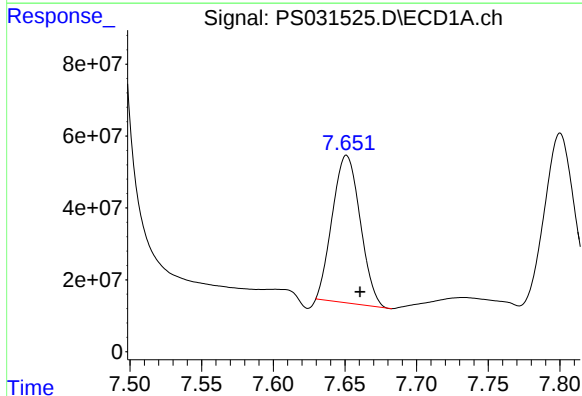
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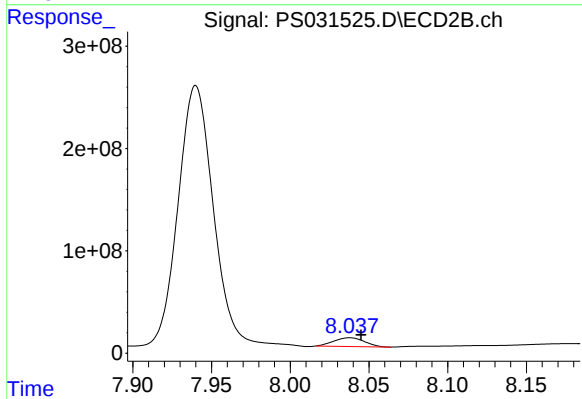
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.007 min
Response: 3974264095
Conc: 699.36 ng/ml



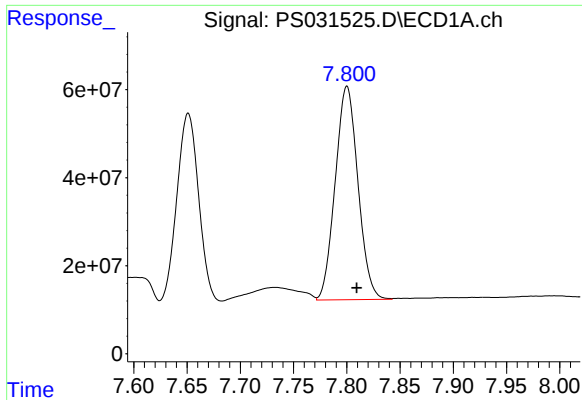
#6 MCP

R.T.: 7.651 min
Delta R.T.: -0.009 min
Response: 554352397
Conc: 68.91 ug/ml



#6 MCP

R.T.: 8.038 min
Delta R.T.: -0.007 min
Response: 116745170
Conc: 66.04 ug/ml



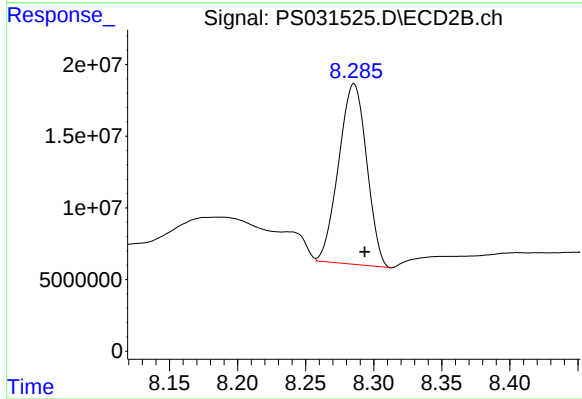
#7 MCPA

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 720535379
Conc: 72.33 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

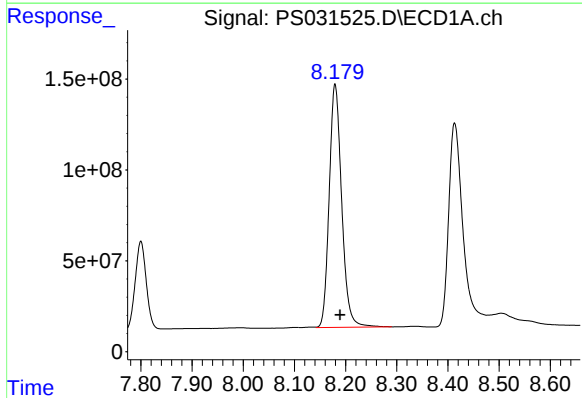
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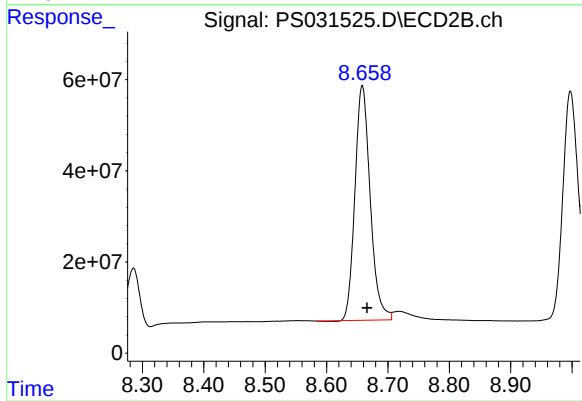
#7 MCPA

R.T.: 8.285 min
Delta R.T.: -0.008 min
Response: 180296336
Conc: 64.27 ug/ml



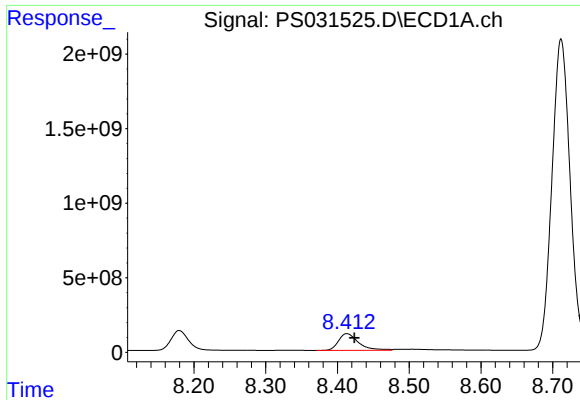
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 2264729558
Conc: 713.88 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 891080428
Conc: 667.46 ng/ml



#9 2,4-D

R.T.: 8.413 min
Delta R.T.: -0.011 min
Response: 2184547895
Conc: 759.36 ng/ml

Instrument :

ECD_S

ClientSampleId :

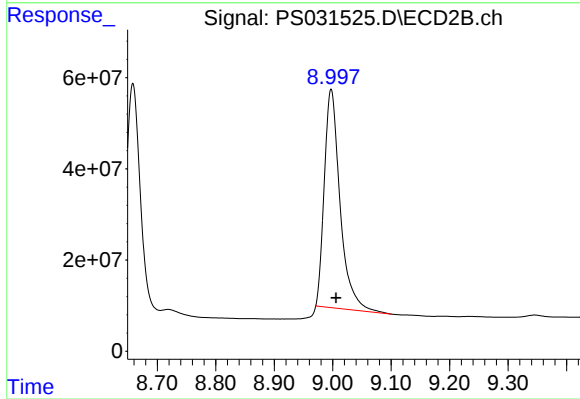
HSTDCCC750

Manual Integrations

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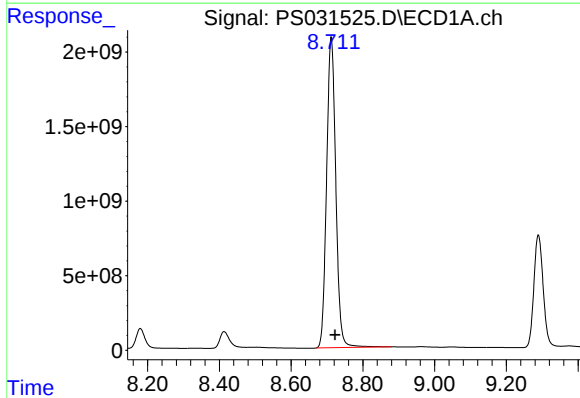
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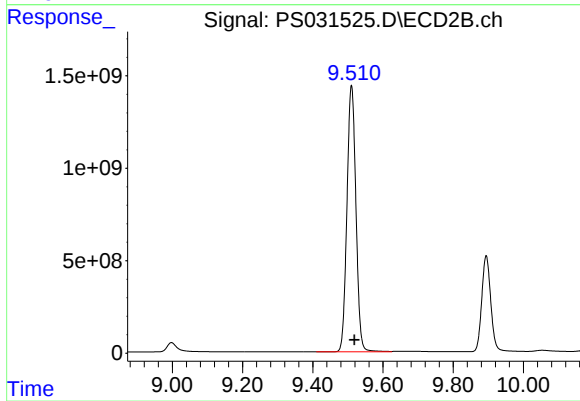
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: -0.008 min
Response: 897489335
Conc: 628.81 ng/ml



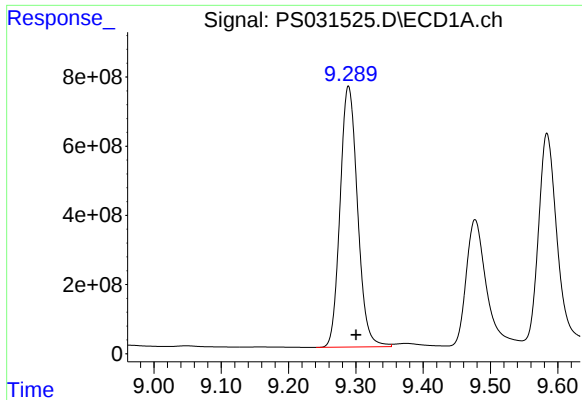
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.011 min
Response: 37022875788
Conc: 771.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.008 min
Response: 25572920866
Conc: 734.25 ng/ml



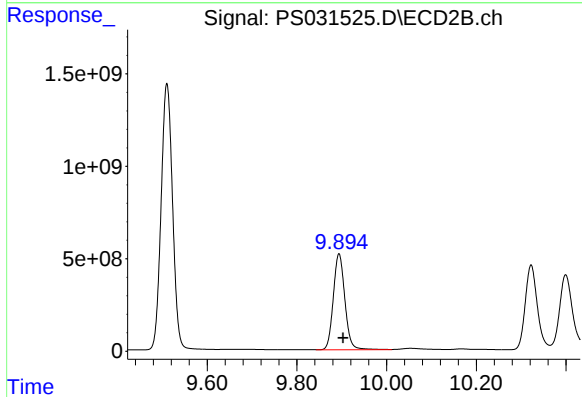
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 13600801081
Conc: 758.82 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

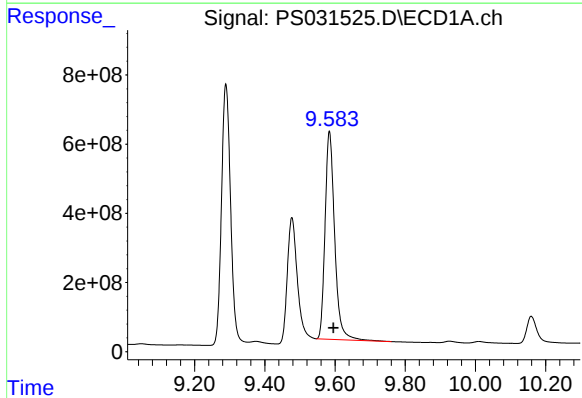
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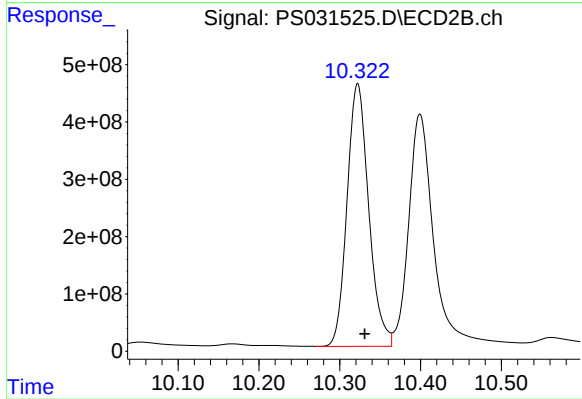
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.009 min
Response: 9311412580
Conc: 709.93 ng/ml



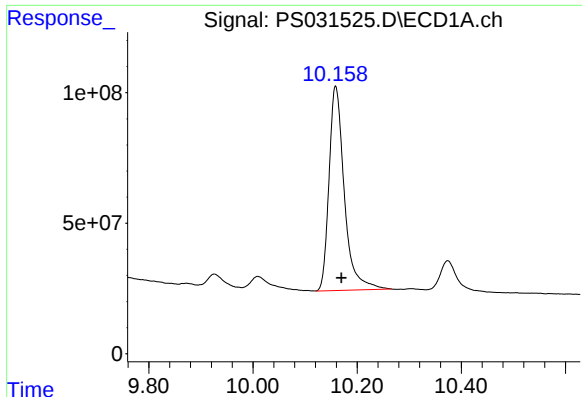
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.012 min
Response: 11404253108
Conc: 778.38 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8543328625
Conc: 721.58 ng/ml



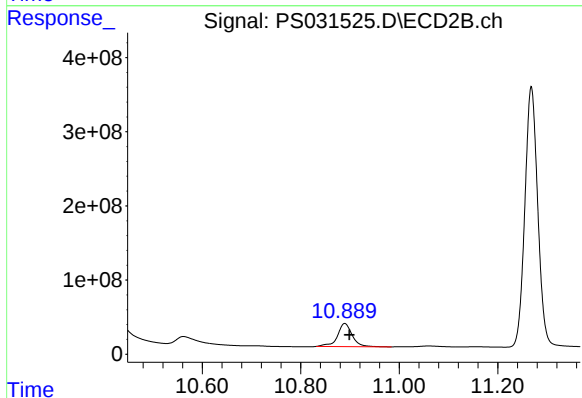
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 1596438315
Conc: 830.73 ng/ml

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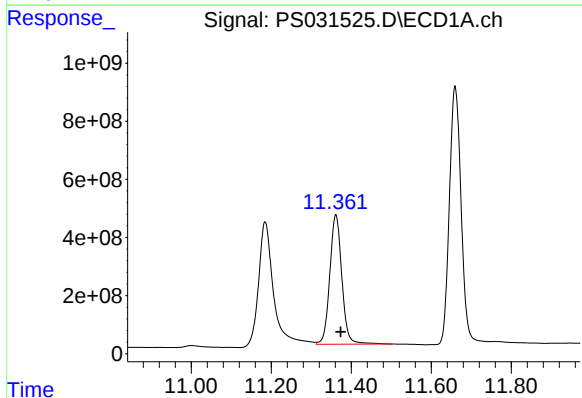
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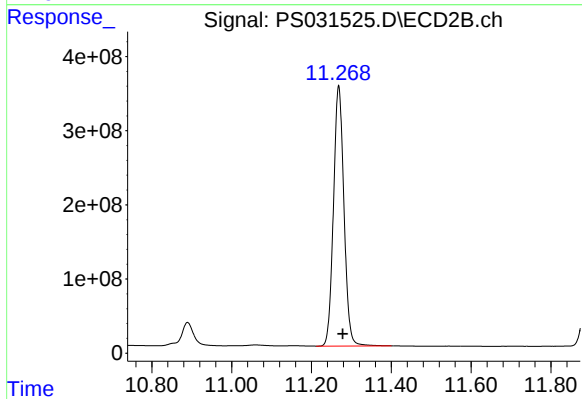
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.010 min
Response: 646757268
Conc: 670.32 ng/ml



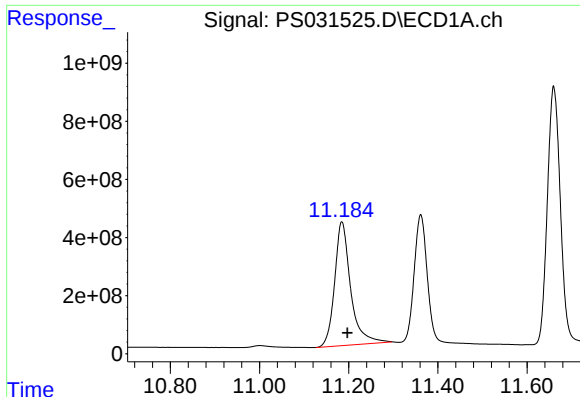
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: -0.012 min
Response: 9331049662
Conc: 735.98 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.010 min
Response: 6398710034
Conc: 676.61 ng/ml



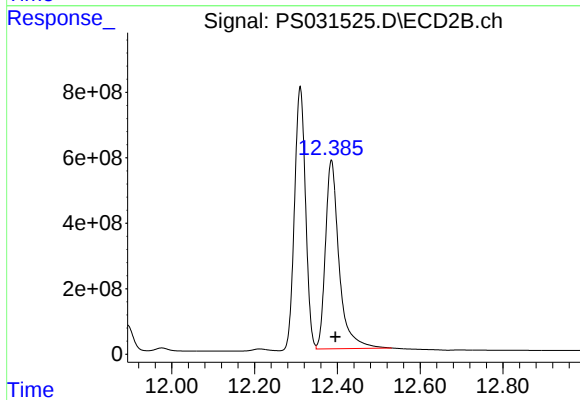
#15 Picloram

R.T.: 11.184 min
Delta R.T.: -0.013 min
Response: 10622663484
Conc: 813.74 ng/ml

Instrument :
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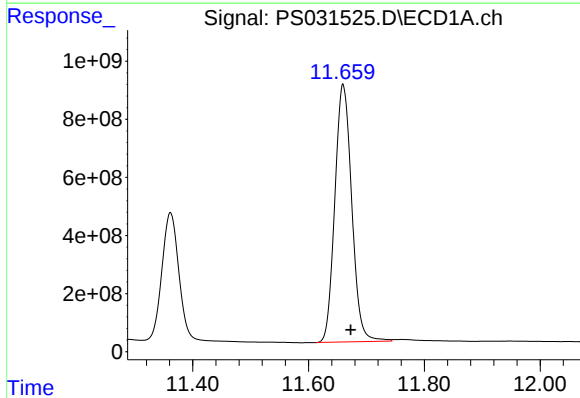
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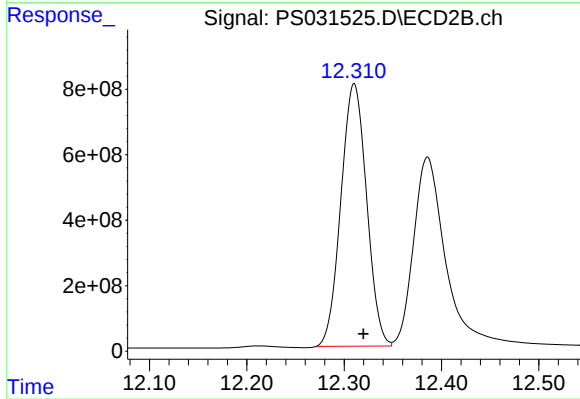
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.010 min
Response: 13212510545
Conc: 753.72 ng/ml



#16 DCPA

R.T.: 11.659 min
Delta R.T.: -0.014 min
Response: 17994228669
Conc: 789.94 ng/ml m



#16 DCPA

R.T.: 12.310 min
Delta R.T.: -0.010 min
Response: 14714004817
Conc: 746.89 ng/ml