

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 09:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 10:59:59 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	7.356	7.768	2824.4E6	781.2E6	748.145m	726.286
Target Compounds							
1) T	Dalapon	2.715	2.711	3839.3E6	1834.9E6	679.890	669.676
2) T	3,5-DICHL...	6.514	6.714	3785.3E6	1108.1E6	697.587	708.393
3) T	4-Nitroph...	7.155	7.299	1177.1E6	1156.9E6	641.906	738.179
5) T	DICAMBA	7.547	7.971	11163.6E6	4644.9E6	723.852	721.076
6) T	MCPD	7.729	8.071	743.7E6	163.0E6	75.087m	70.517
7) T	MCPA	7.880	8.320	874.9E6	201.9E6	68.947	65.426
8) T	DICHLORPROP	8.263	8.691	2522.9E6	1047.7E6	693.469	705.917
9) T	2,4-D	8.495	9.026	2446.0E6	1118.1E6	671.307	711.140
10) T	Pentachlo...	8.800f	9.552	39117.1E6	27142.8E6	770.232m	751.086
11) T	2,4,5-TP ...	9.385	9.933	14825.3E6	10014.9E6	717.409	730.123
12) T	2,4,5-T	9.679	10.359	12663.7E6	9433.3E6	687.084	722.465
13) T	2,4-DB	10.259	10.926	1881.9E6	807.3E6	619.778	702.250
14) T	DINOSEB	11.479	11.311	10024.7E6	7317.7E6	697.373	728.125
15) T	Picloram	11.285	12.419	11813.7E6	15470.7E6	590.545m	700.541
16) T	DCPA	11.774	12.355	19245.1E6	15425.7E6	727.875	753.837

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

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Acq On : 12 Jun 2025 09:04
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

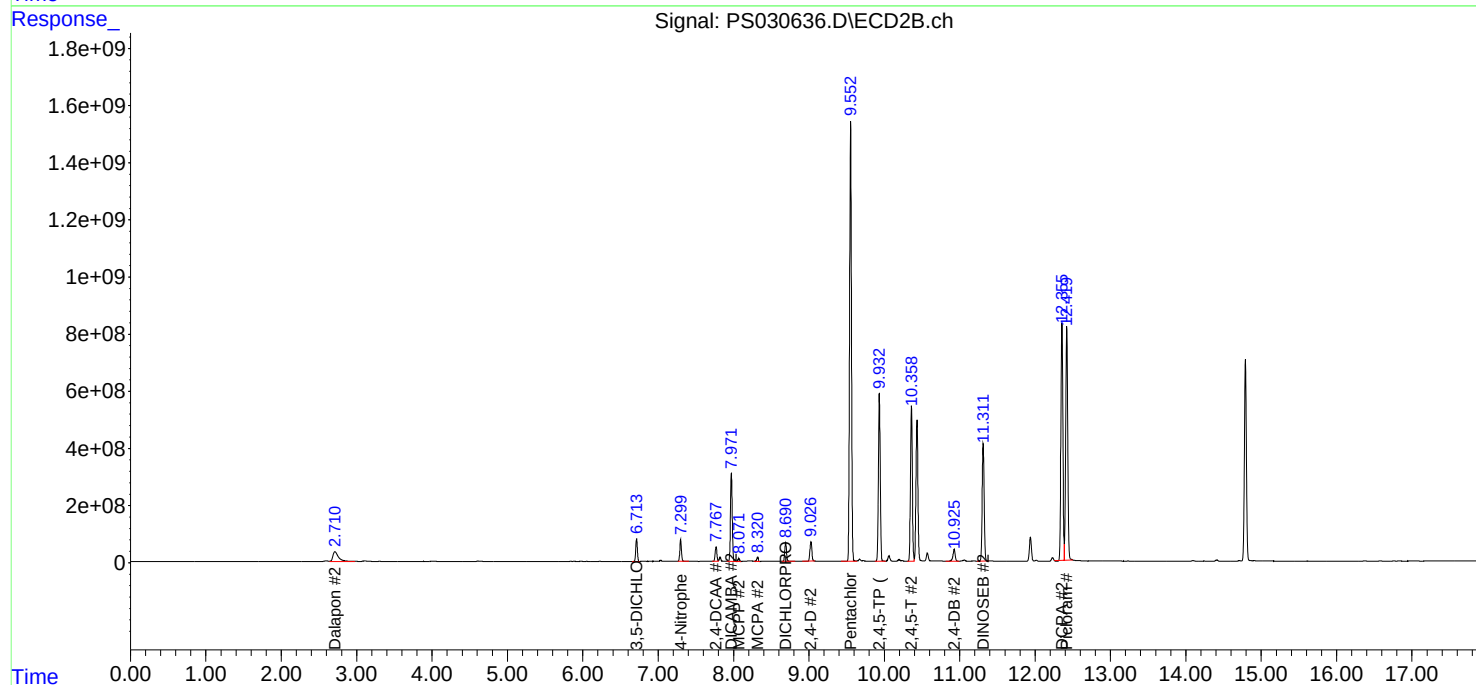
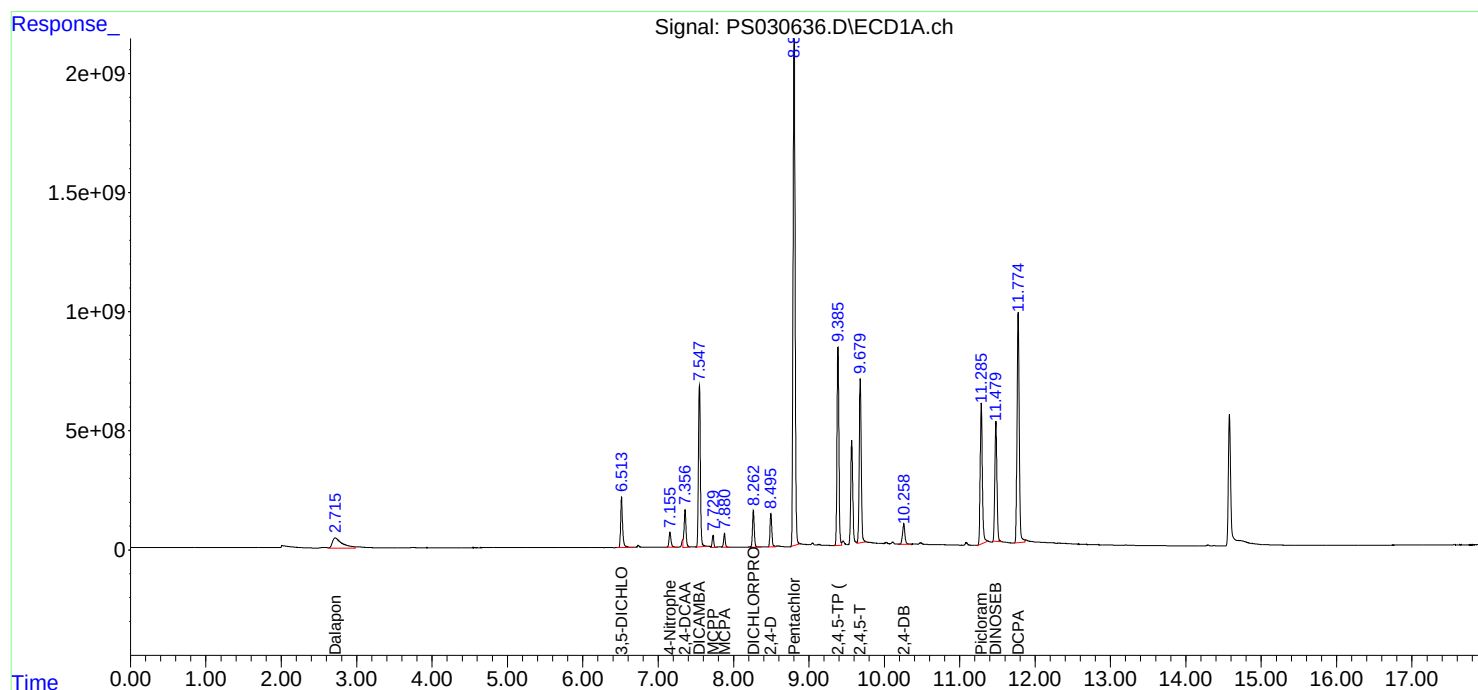
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

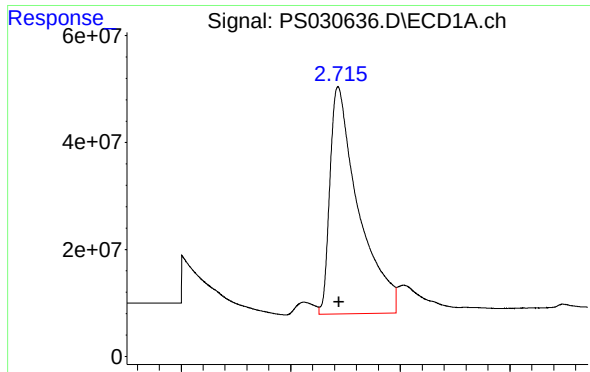
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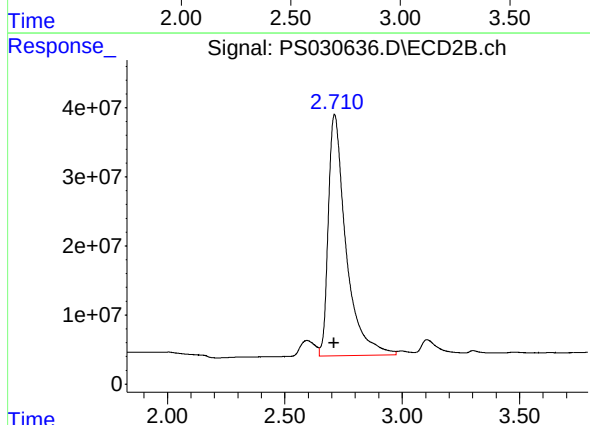
#1 Dalapon

R.T.: 2.715 min
Delta R.T.: -0.005 min
Response: 3839318785
Conc: 679.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

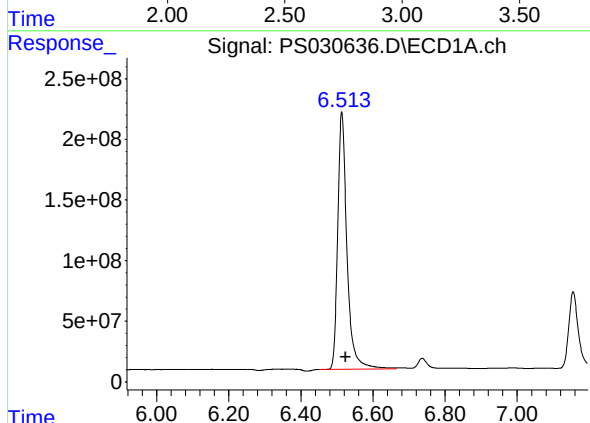
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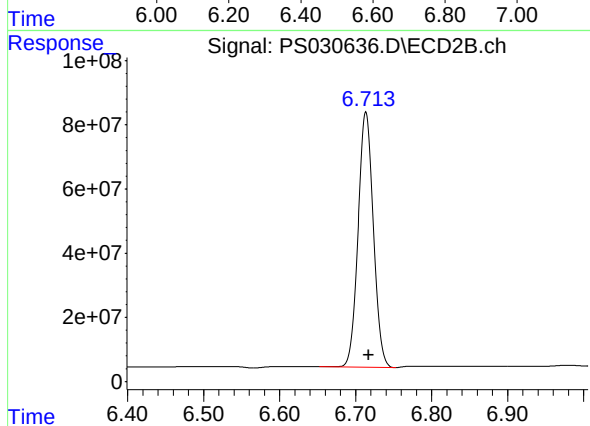
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1834923198
Conc: 669.68 ng/ml



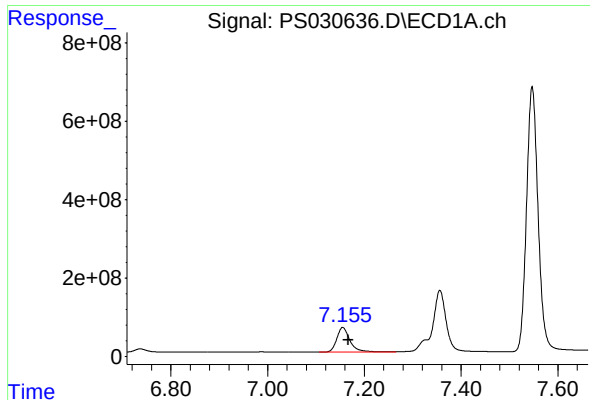
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.514 min
Delta R.T.: -0.011 min
Response: 3785349909
Conc: 697.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 1108102903
Conc: 708.39 ng/ml



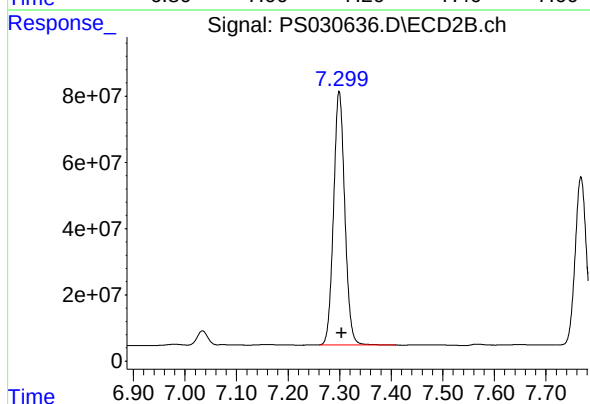
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 1177097851
Conc: 641.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

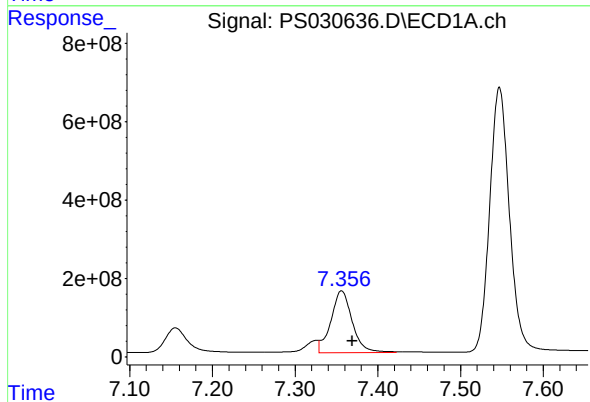
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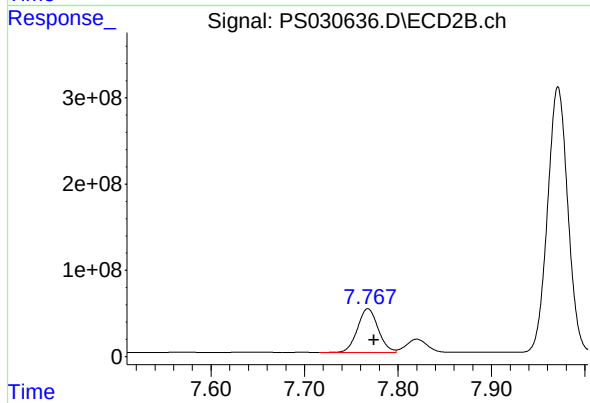
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 1156905694
Conc: 738.18 ng/ml



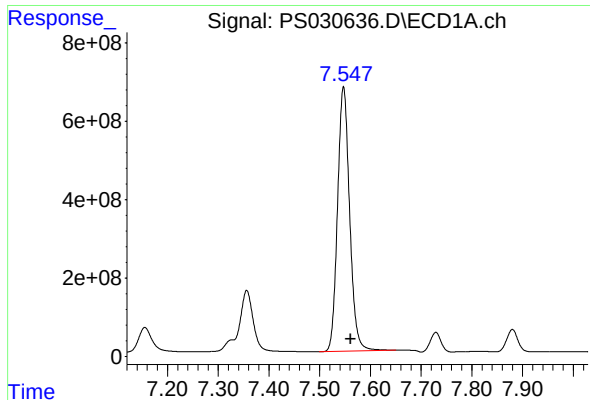
#4 2,4-DCAA

R.T.: 7.356 min
Delta R.T.: -0.013 min
Response: 2824356456
Conc: 748.15 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.007 min
Response: 781200479
Conc: 726.29 ng/ml



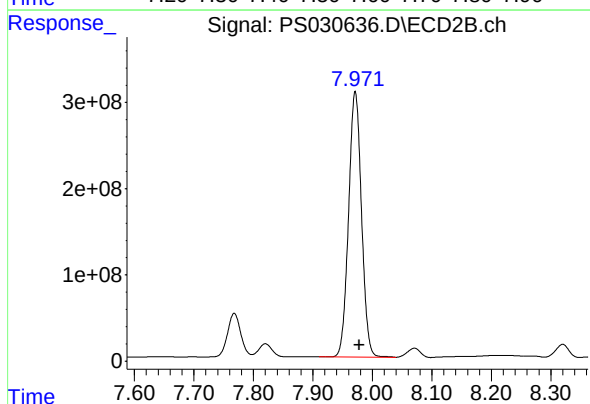
#5 DICAMBA

R.T.: 7.547 min
Delta R.T.: -0.014 min
Response: 11163641726
Conc: 723.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

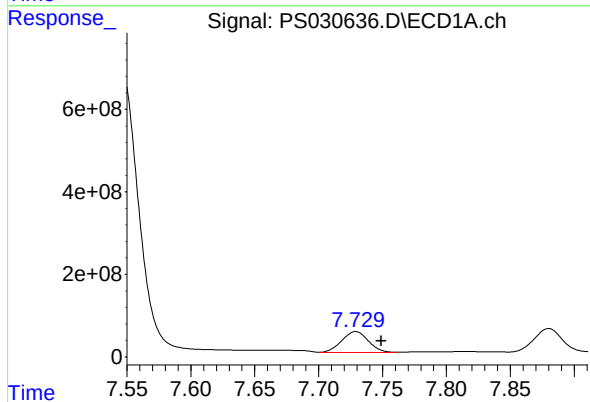
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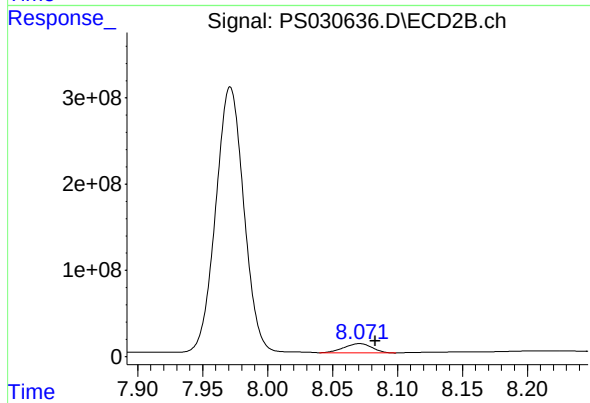
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 4644919822
Conc: 721.08 ng/ml



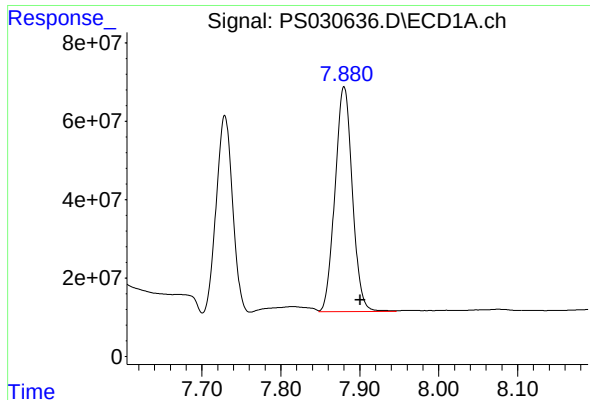
#6 MCPP

R.T.: 7.729 min
Delta R.T.: -0.020 min
Response: 743725357
Conc: 75.09 ug/ml m



#6 MCPP

R.T.: 8.071 min
Delta R.T.: -0.012 min
Response: 163007456
Conc: 70.52 ug/ml



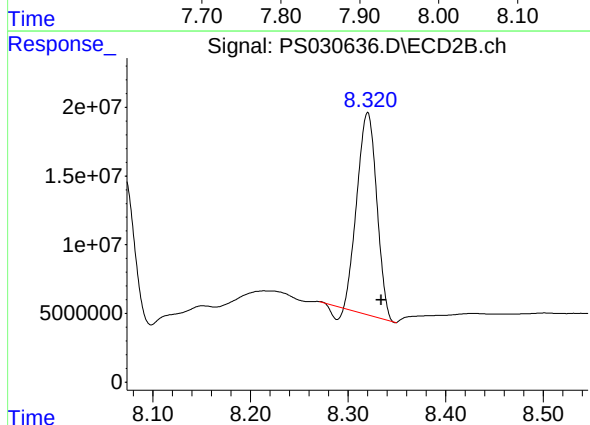
#7 MCPA

R.T.: 7.880 min
Delta R.T.: -0.021 min
Response: 874890948
Conc: 68.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

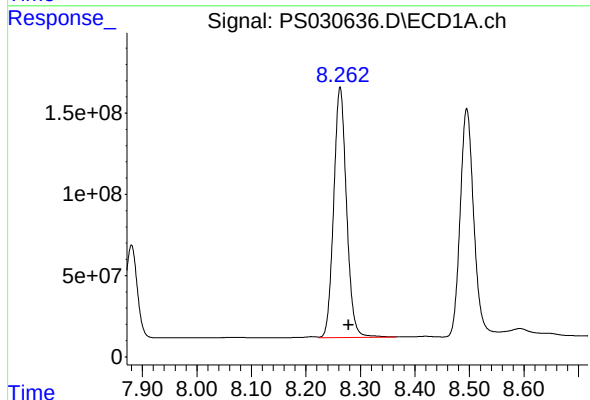
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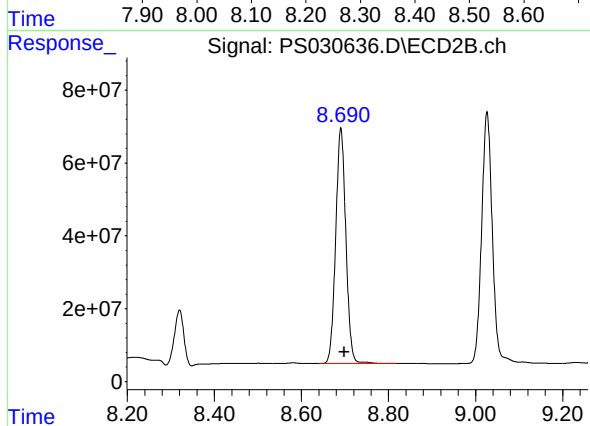
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.014 min
Response: 201900186
Conc: 65.43 ug/ml



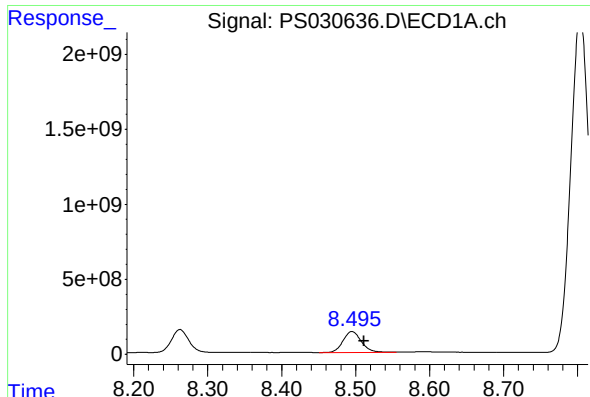
#8 DICHLORPROP

R.T.: 8.263 min
Delta R.T.: -0.016 min
Response: 2522942675
Conc: 693.47 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: -0.008 min
Response: 1047724945
Conc: 705.92 ng/ml



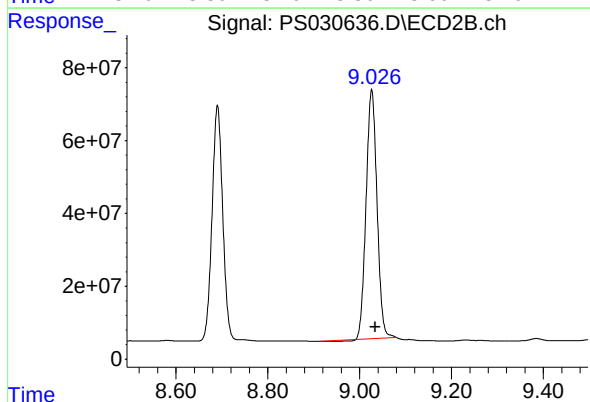
#9 2,4-D

R.T.: 8.495 min
Delta R.T.: -0.016 min
Response: 2445981354
Conc: 671.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

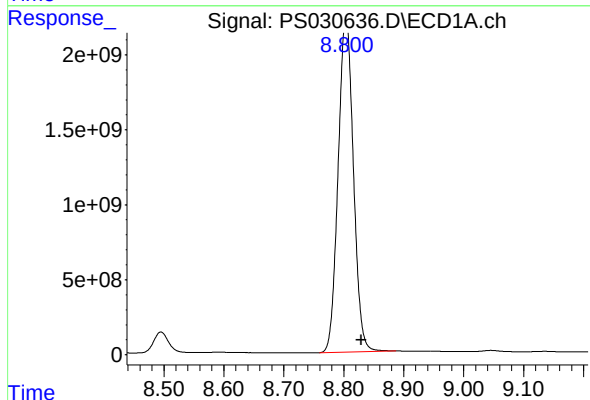
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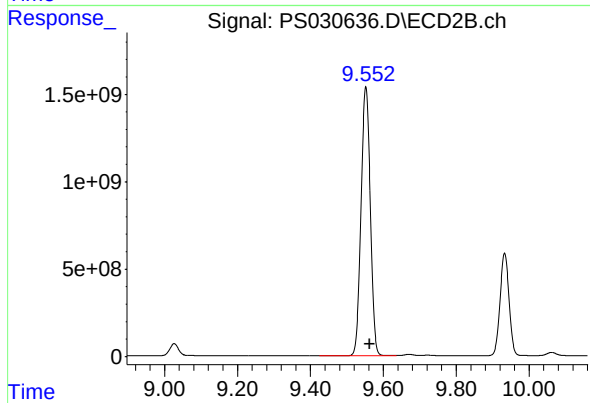
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.008 min
Response: 1118139919
Conc: 711.14 ng/ml



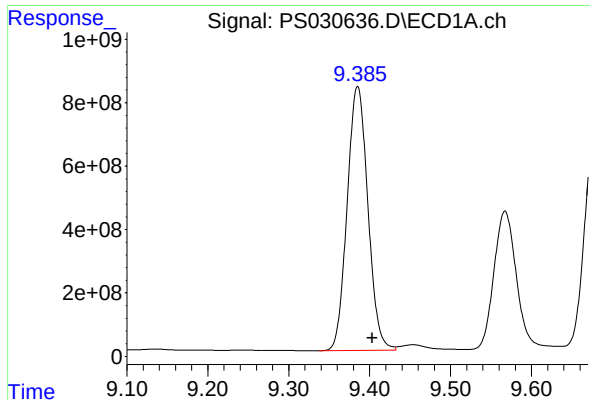
#10 Pentachlorophenol

R.T.: 8.800 min
Delta R.T.: -0.029 min
Response: 39117119204
Conc: 770.23 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 27142754854
Conc: 751.09 ng/ml



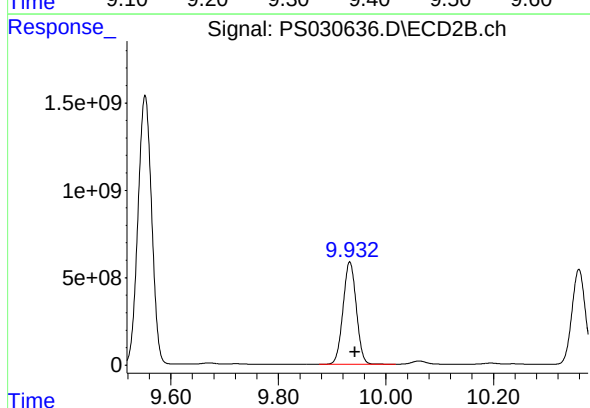
#11 2,4,5-TP (SILVEX)

R.T.: 9.385 min
Delta R.T.: -0.018 min
Response: 14825318785
Conc: 717.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

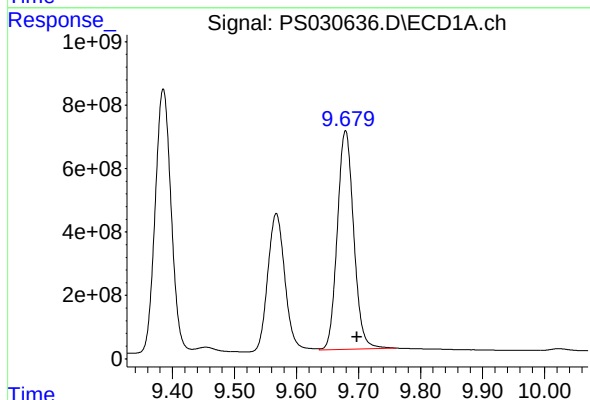
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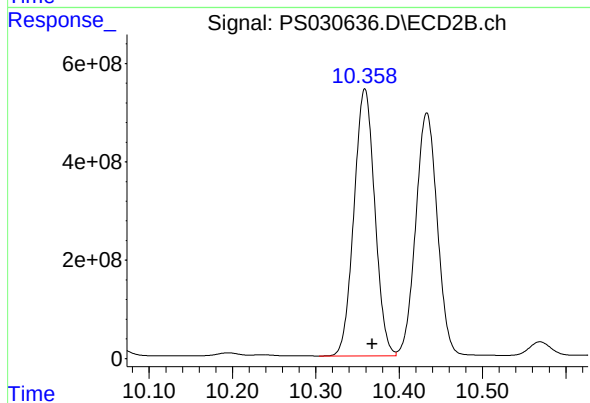
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: -0.010 min
Response: 10014903659
Conc: 730.12 ng/ml



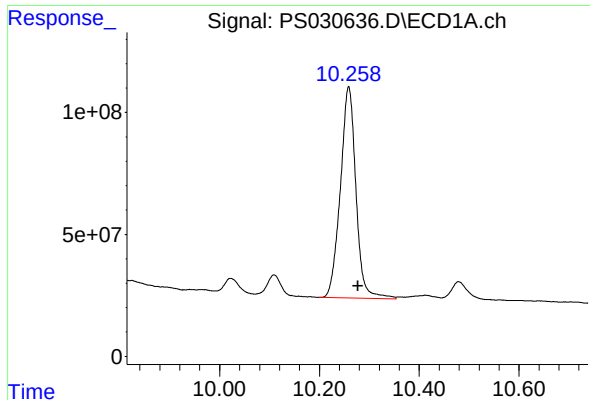
#12 2,4,5-T

R.T.: 9.679 min
Delta R.T.: -0.018 min
Response: 12663695247
Conc: 687.08 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: -0.009 min
Response: 9433322920
Conc: 722.47 ng/ml



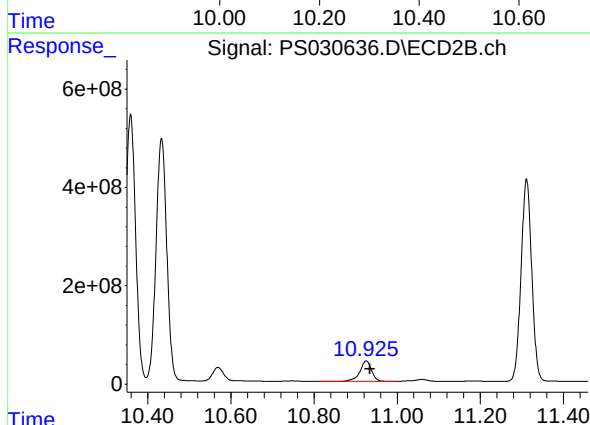
#13 2,4-DB

R.T.: 10.259 min
Delta R.T.: -0.019 min
Response: 1881873008
Conc: 619.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

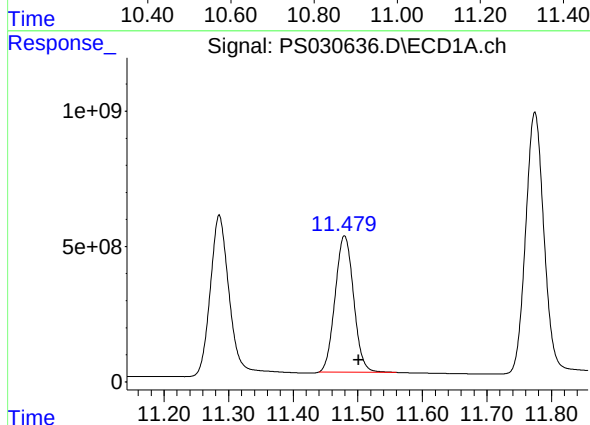
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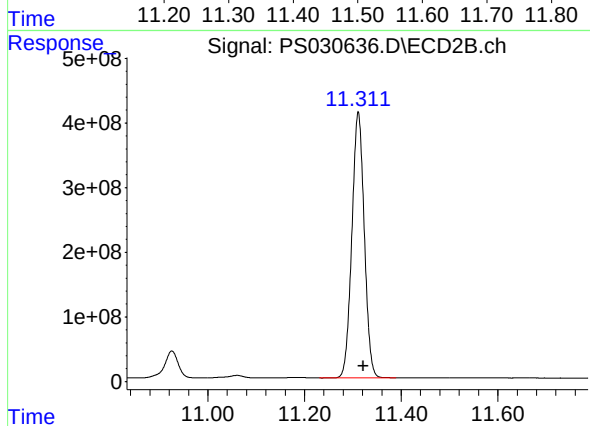
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 807273769
Conc: 702.25 ng/ml



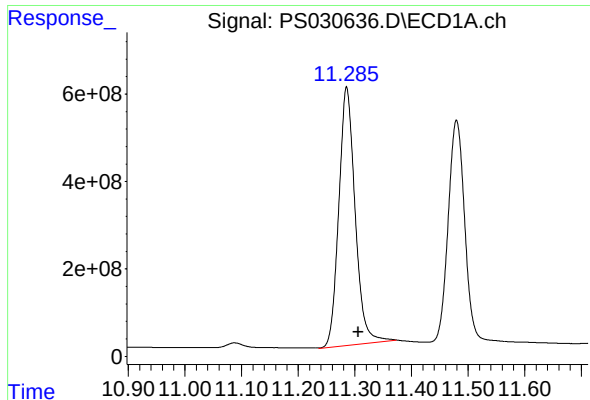
#14 DINOSEB

R.T.: 11.479 min
Delta R.T.: -0.022 min
Response: 10024696289
Conc: 697.37 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 7317743110
Conc: 728.13 ng/ml



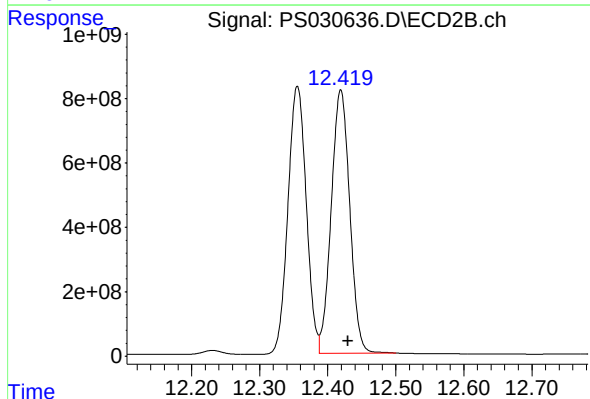
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.021 min
Response: 11813746628
Conc: 590.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

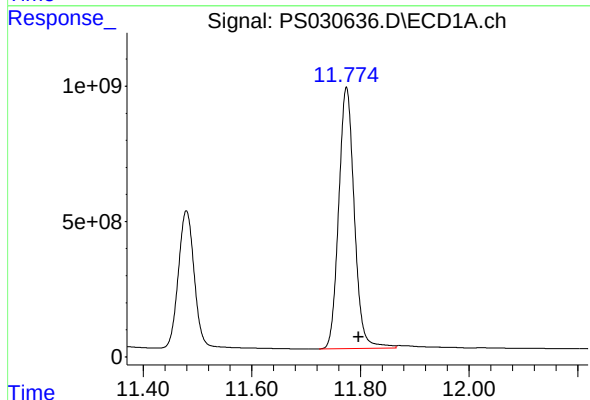
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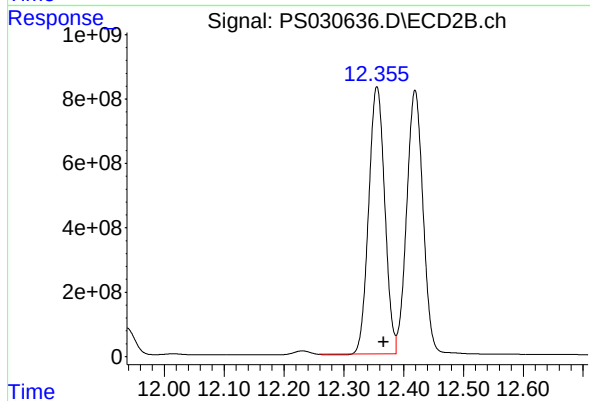
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.011 min
Response: 15470671201
Conc: 700.54 ng/ml



#16 DCPA

R.T.: 11.774 min
Delta R.T.: -0.023 min
Response: 19245091080
Conc: 727.88 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 15425721511
Conc: 753.84 ng/ml