

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 20:23
 Operator : AR\AJ
 Sample : Q2194-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-13MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:17:34 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	7.363	7.771	1858.7E6	489.7E6	492.343	455.255
Target Compounds							
1) T	Dalapon	2.708	2.704	400.5E6	2351.8E6	70.932m	858.318 #
2) T	3,5-DICHL...	6.520	6.716	2202.1E6	622.1E6	405.812	397.697
3) T	4-Nitroph...	7.162	7.302	433.3E6	441.1E6	236.278	281.421
5) T	DICAMBA	7.554	7.975	6055.2E6	2494.3E6	392.622	387.209
6) T	MCP	7.735	8.074	324.8E6	84578183	32.794	36.589
7) T	MCPA	7.885	8.320	463.3E6	120.7E6	36.513	39.114m
8) T	DICHLORPROP	8.270	8.695	1590.0E6	638.5E6	437.036	430.182
9) T	2,4-D	8.502	9.030	1862.7E6	639.5E6	511.231	406.704
10) T	Pentachlo...	8.811	9.557	20017.5E6	13047.2E6	394.152	361.037
11) T	2,4,5-TP ...	9.394	9.937	8438.7E6	5883.0E6	408.357	428.893
12) T	2,4,5-T	9.688	10.363	7001.8E6	5333.4E6	379.892	408.464
13) T	2,4-DB	10.268	10.930	892.6E6	473.9E6	293.955m	412.254 #
14) T	DINOSEB	11.488	11.325	373.7E6	2188.3E6	25.997	217.740 #
15) T	Picloram	11.296	12.424	6173.1E6	6974.1E6	308.582m	315.801
16) T	DCPA	11.784	12.361	7978.3E6	8169.5E6	301.750	399.234 #

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

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Acq On : 06 Jun 2025 20:23
Operator : AR\AJ
Sample : Q2194-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

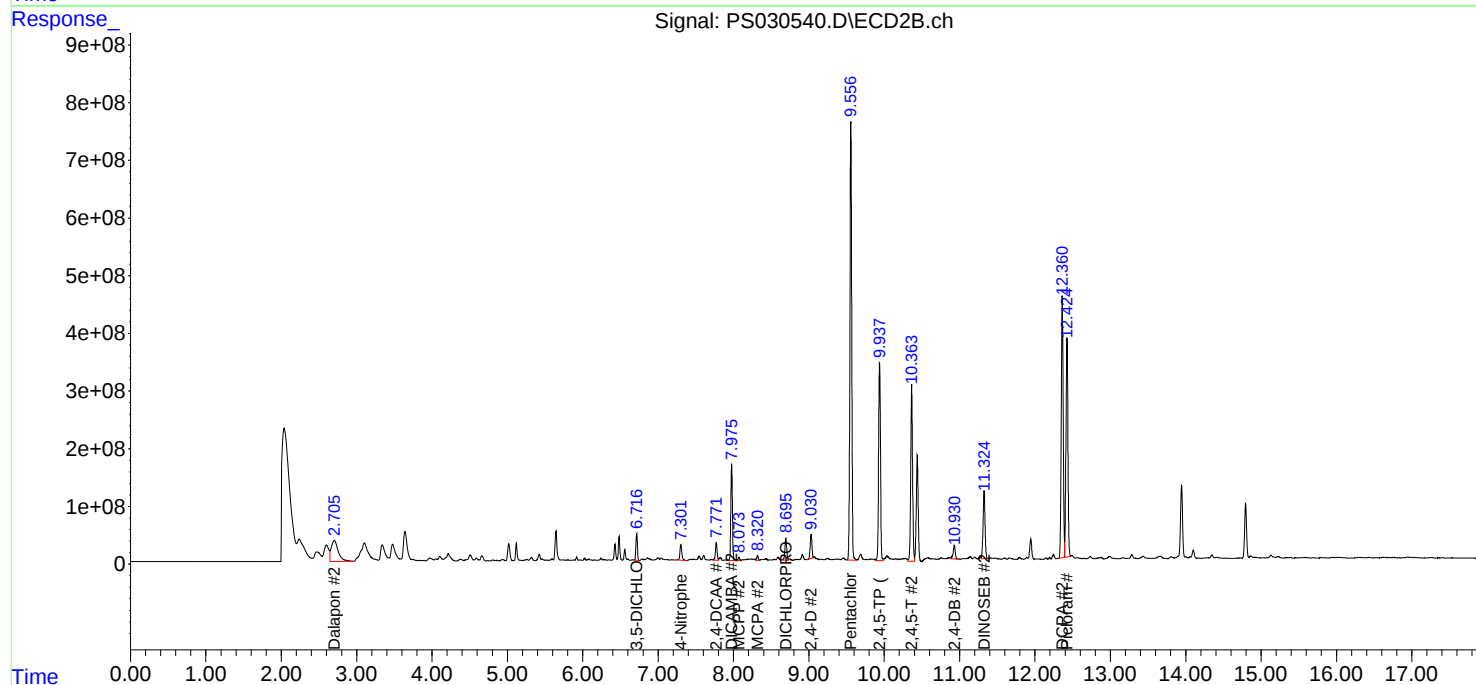
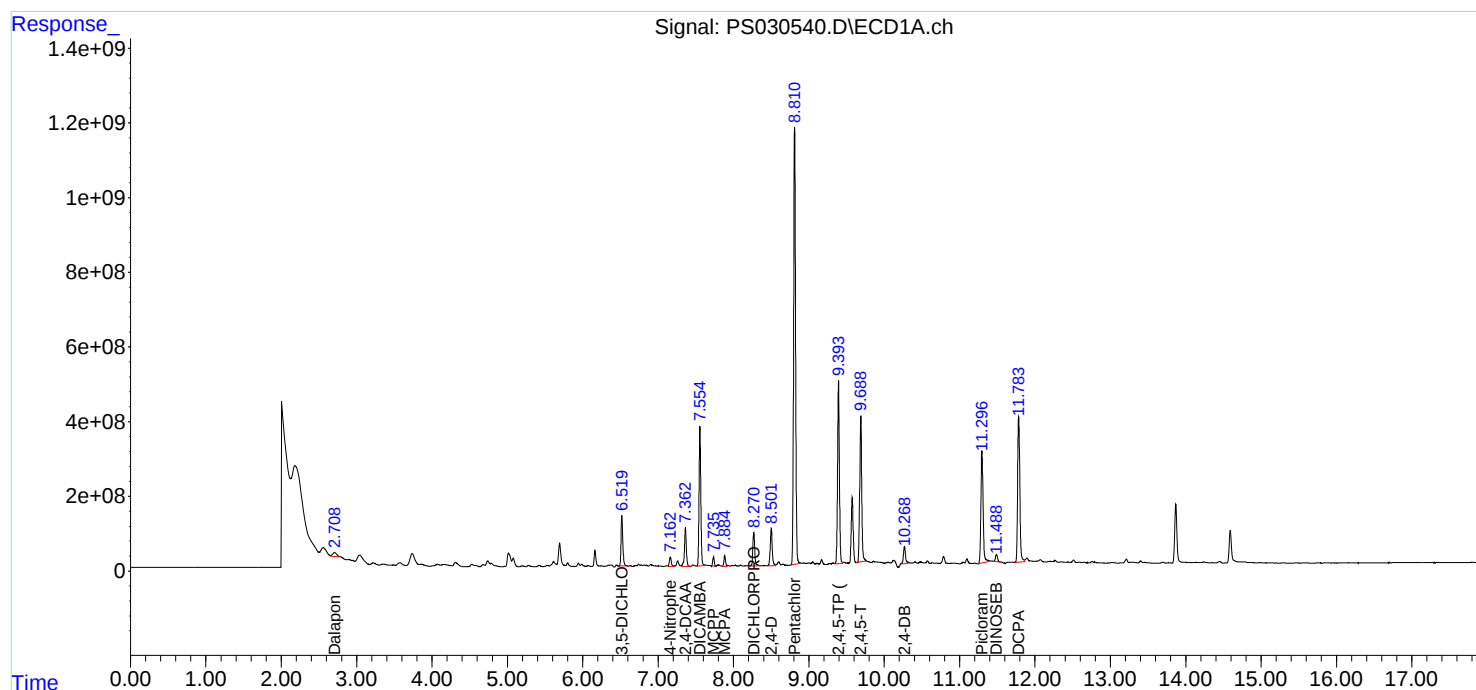
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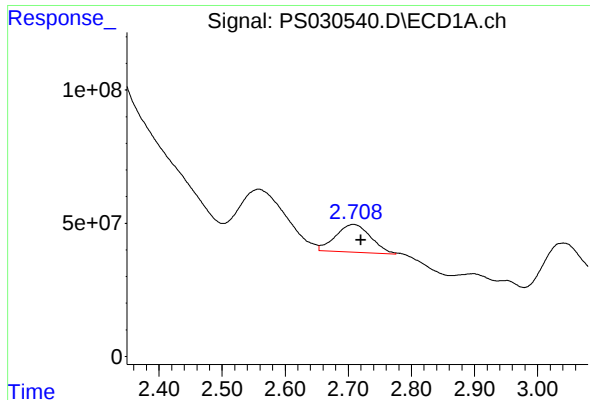
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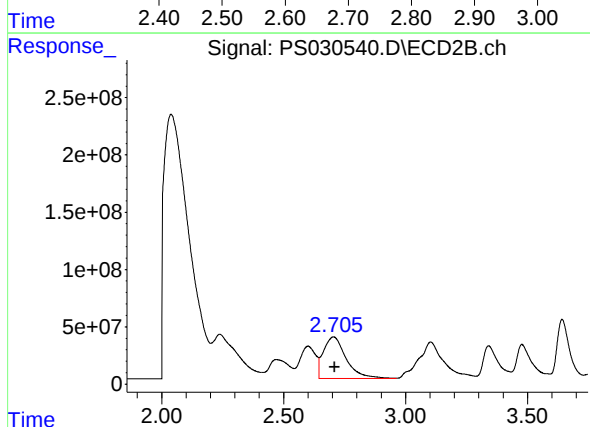
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.013 min
Response: 400549130
Conc: 70.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

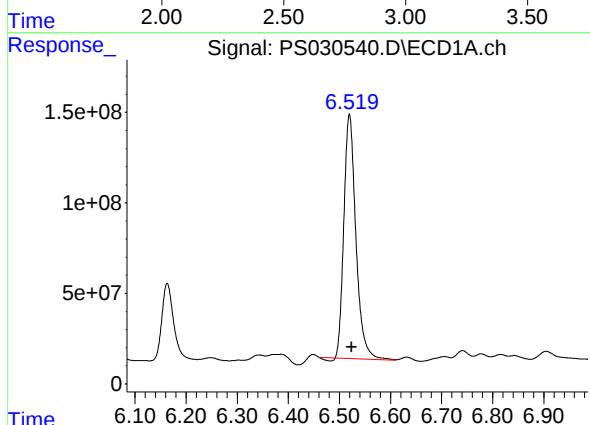
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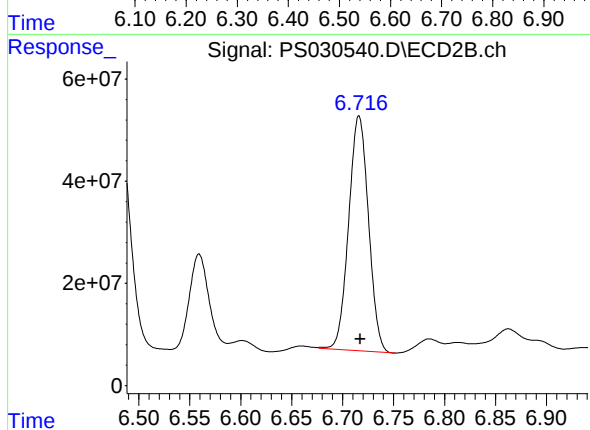
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: -0.006 min
Response: 2351805218
Conc: 858.32 ng/ml



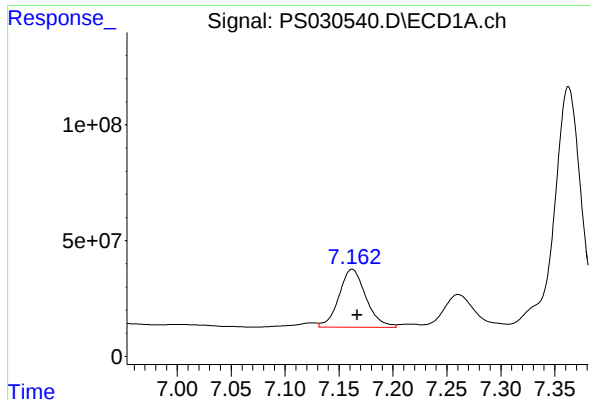
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2202078025
Conc: 405.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 622096746
Conc: 397.70 ng/ml



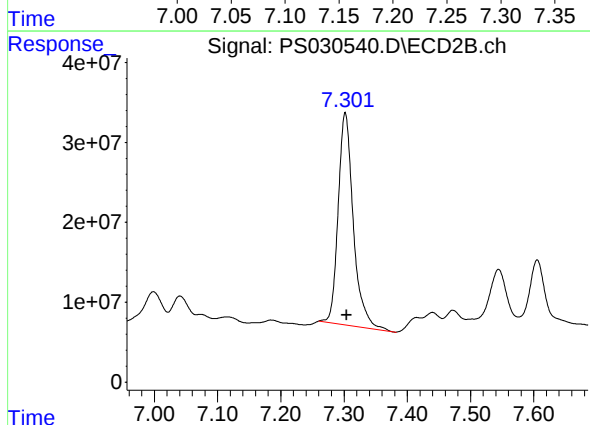
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 433275919
Conc: 236.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

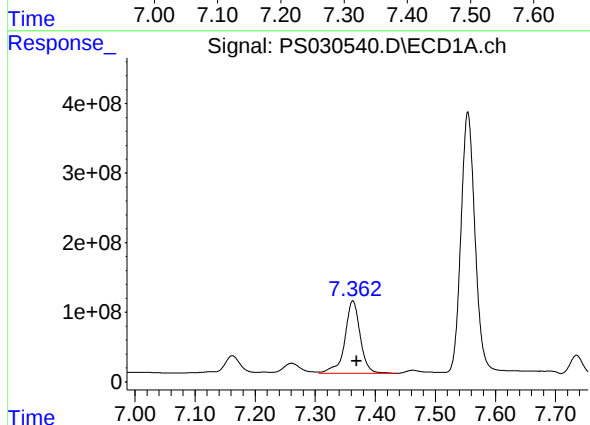
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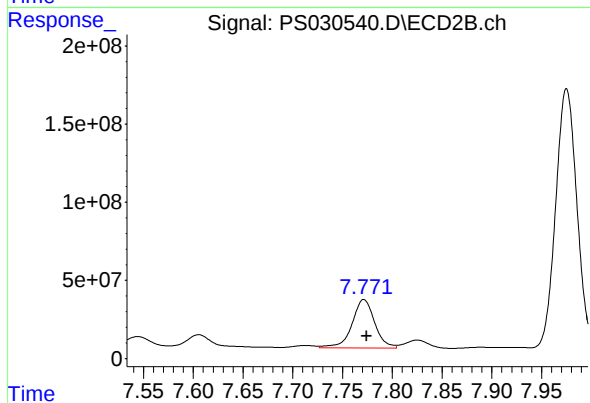
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 441054724
Conc: 281.42 ng/ml



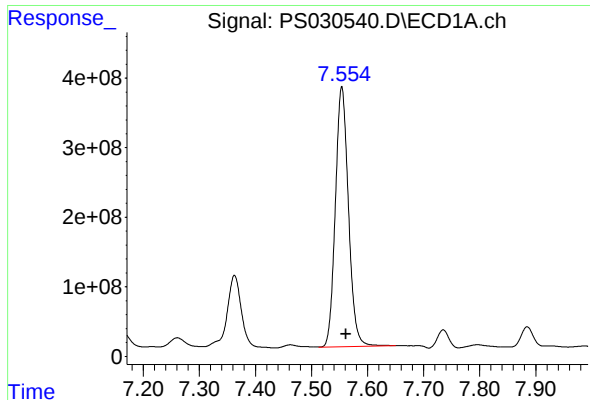
#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 1858664940
Conc: 492.34 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 489677044
Conc: 455.26 ng/ml



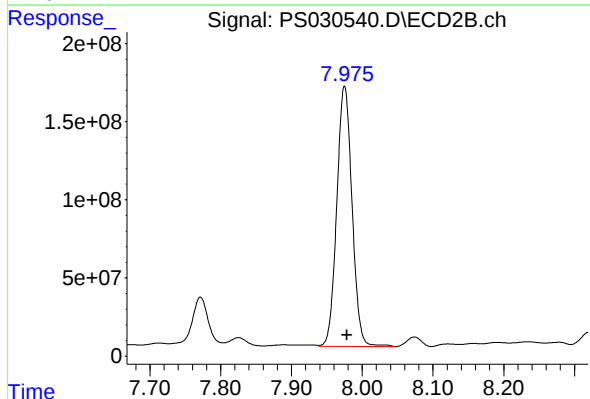
#5 DICAMBA

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 6055225752
Conc: 392.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

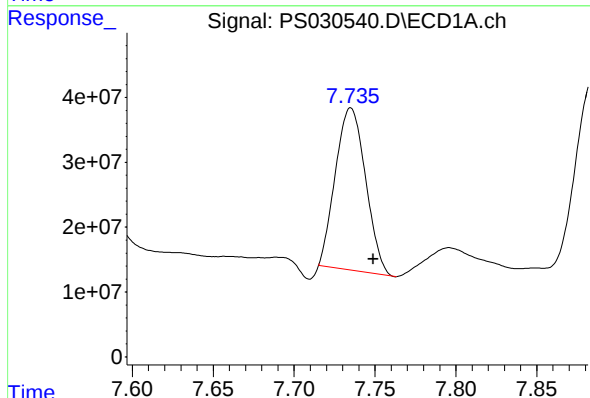
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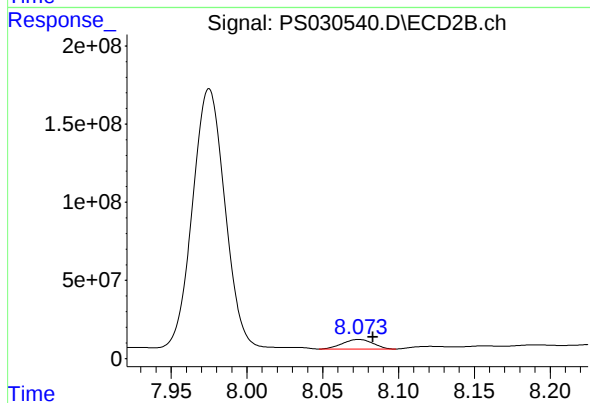
#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 2494263637
Conc: 387.21 ng/ml



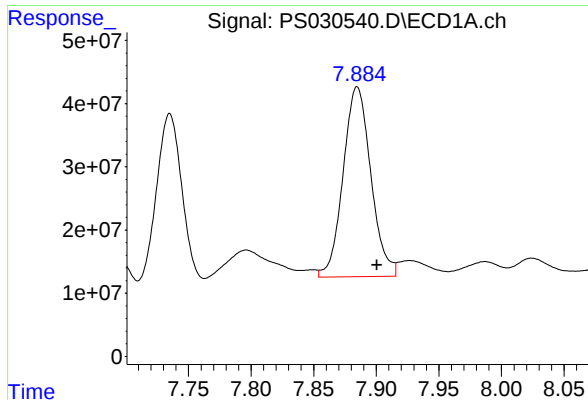
#6 MCPP

R.T.: 7.735 min
Delta R.T.: -0.014 min
Response: 324817979
Conc: 32.79 ug/ml



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 84578183
Conc: 36.59 ug/ml



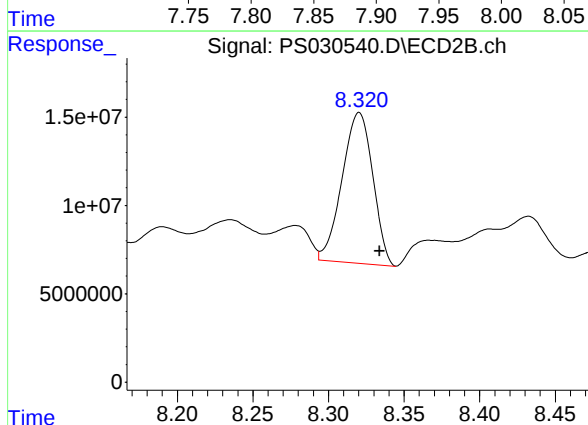
#7 MCPA

R.T.: 7.885 min
Delta R.T.: -0.016 min
Response: 463325016
Conc: 36.51 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

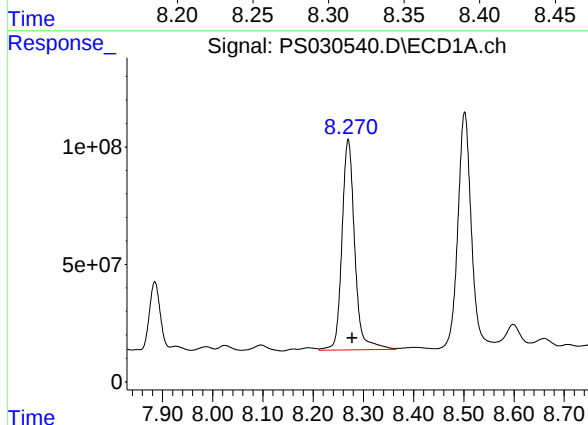
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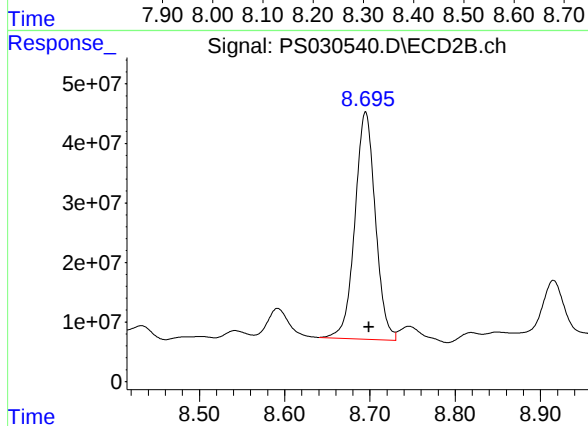
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.014 min
Response: 120703779
Conc: 39.11 ug/ml



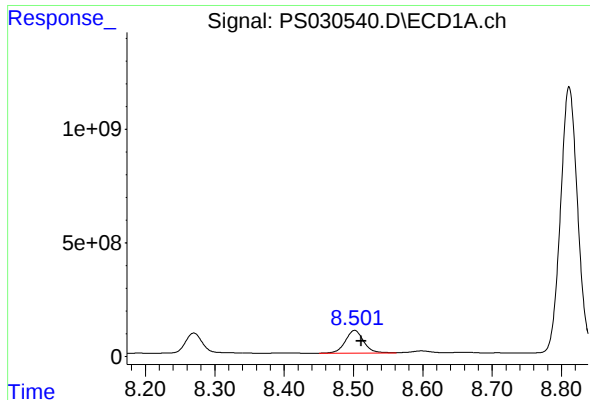
#8 DICHLORPROP

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 1589999754
Conc: 437.04 ng/ml



#8 DICHLORPROP

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 638478386
Conc: 430.18 ng/ml



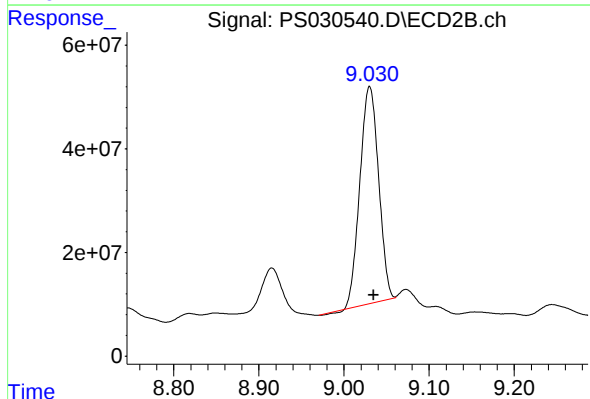
#9 2,4-D

R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 1862725683
Conc: 511.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

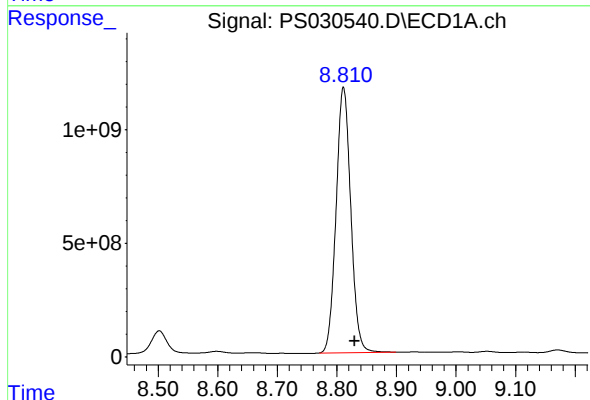
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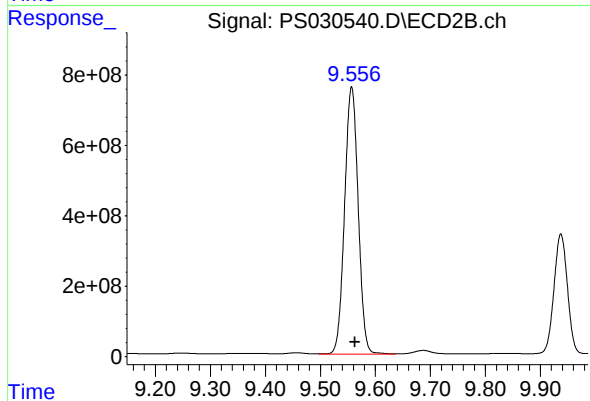
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 639469184
Conc: 406.70 ng/ml



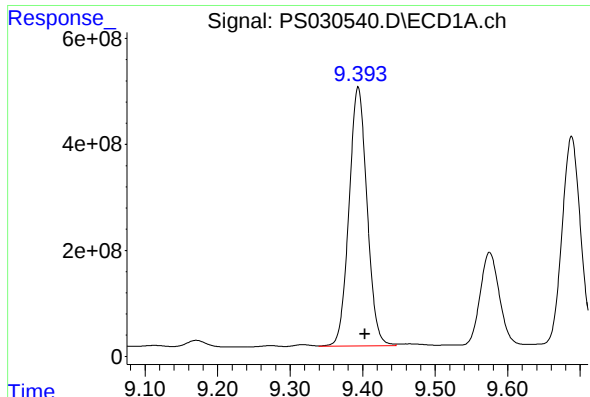
#10 Pentachlorophenol

R.T.: 8.811 min
Delta R.T.: -0.019 min
Response: 20017498177
Conc: 394.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.557 min
Delta R.T.: -0.006 min
Response: 13047164852
Conc: 361.04 ng/ml



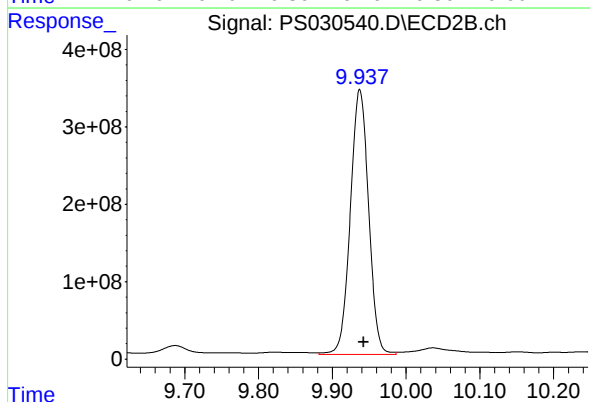
#11 2,4,5-TP (SILVEX)

R.T.: 9.394 min
Delta R.T.: -0.009 min
Response: 8438729945
Conc: 408.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

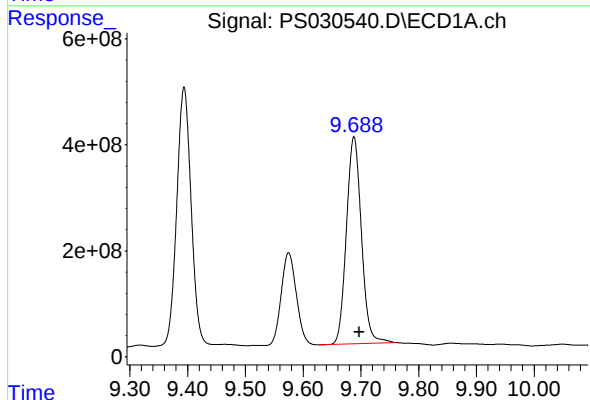
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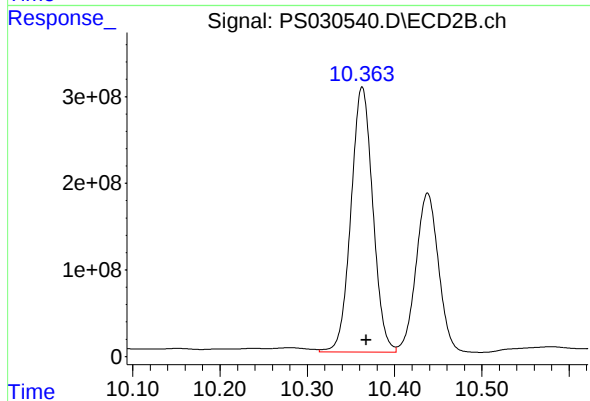
#11 2,4,5-TP (SILVEX)

R.T.: 9.937 min
Delta R.T.: -0.005 min
Response: 5883013399
Conc: 428.89 ng/ml



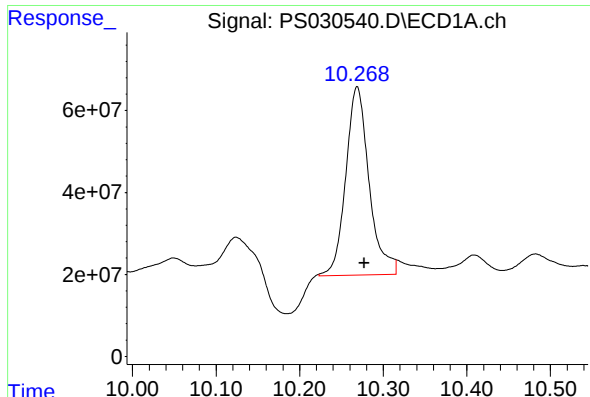
#12 2,4,5-T

R.T.: 9.688 min
Delta R.T.: -0.009 min
Response: 7001812009
Conc: 379.89 ng/ml



#12 2,4,5-T

R.T.: 10.363 min
Delta R.T.: -0.005 min
Response: 5333366957
Conc: 408.46 ng/ml



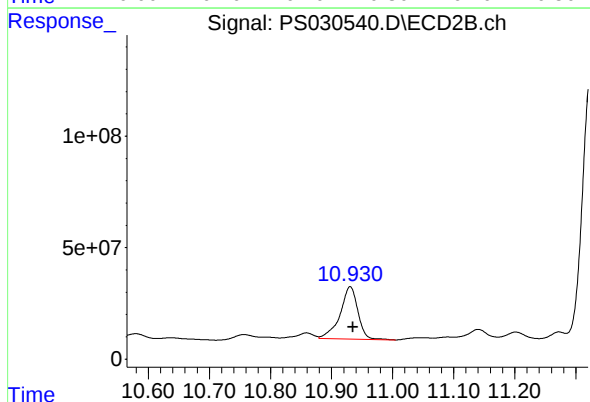
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.009 min
Response: 892553234
Conc: 293.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

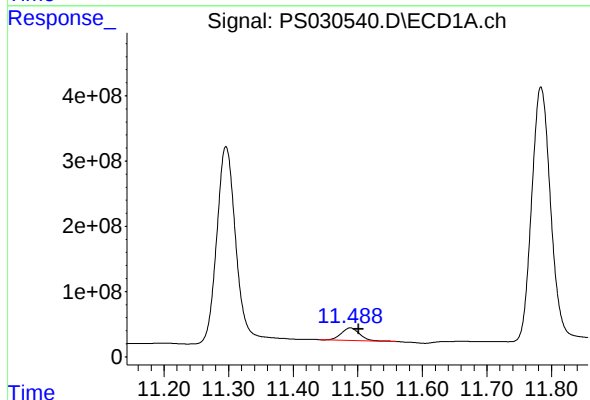
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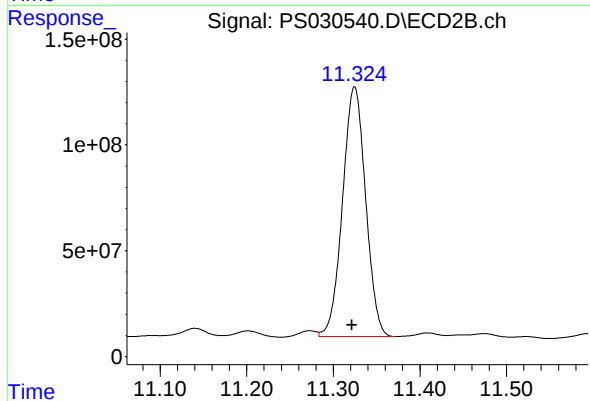
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: -0.005 min
Response: 473907875
Conc: 412.25 ng/ml



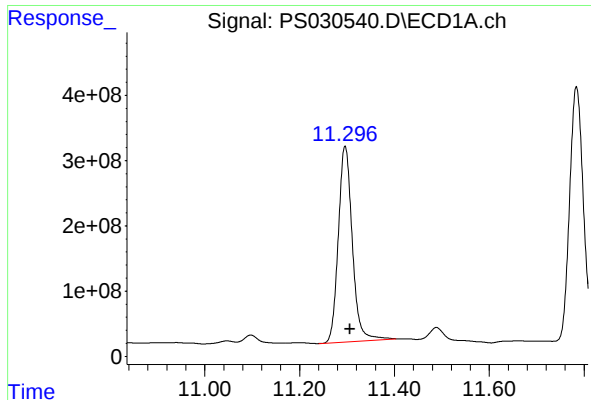
#14 DINOSEB

R.T.: 11.488 min
Delta R.T.: -0.013 min
Response: 373708674
Conc: 26.00 ng/ml



#14 DINOSEB

R.T.: 11.325 min
Delta R.T.: 0.003 min
Response: 2188308445
Conc: 217.74 ng/ml



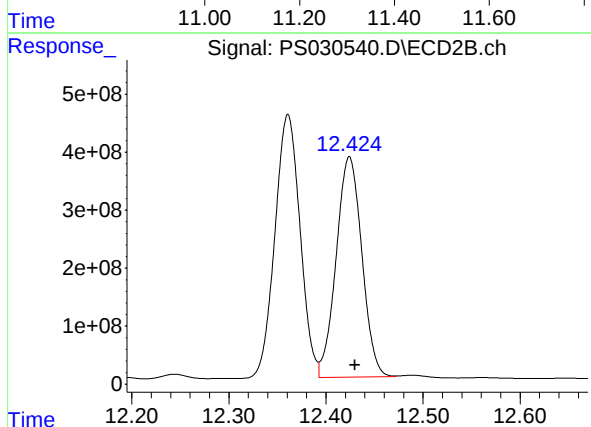
#15 Picloram

R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 6173116854
Conc: 308.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MS

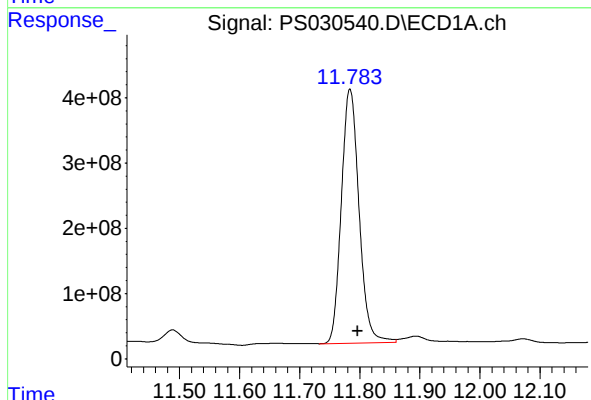
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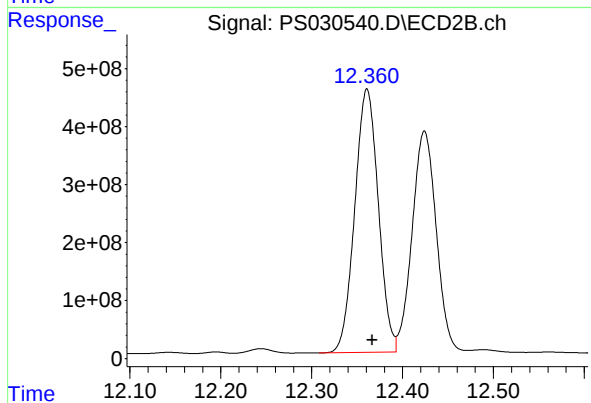
#15 Picloram

R.T.: 12.424 min
Delta R.T.: -0.006 min
Response: 6974107199
Conc: 315.80 ng/ml



#16 DCPA

R.T.: 11.784 min
Delta R.T.: -0.013 min
Response: 7978301836
Conc: 301.75 ng/ml



#16 DCPA

R.T.: 12.361 min
Delta R.T.: -0.006 min
Response: 8169489897
Conc: 399.23 ng/ml