

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS111224\
 Data File : PS028475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2024 00:10
 Operator : AR\AJ
 Sample : P4722-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-2(0-6)MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/13/2024
 Supervised By : Ankita Jodhani 11/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 01:36:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110924.M
 Quant Title : 8080.M
 QLast Update : Fri Nov 08 17:46:43 2024
 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	7.242	7.745	1351.5E6	698.0E6	489.550	438.066
Target Compounds							
1) T	Dalapon	2.641	2.705	1176.9E6	1092.2E6	329.831	385.148
2) T	3,5-DICHL...	6.412	6.696	1843.9E6	932.8E6	460.812	393.735m
3) T	4-Nitroph...	7.041	7.270	682.9E6	366.4E6	368.285	345.949m
5) T	DICAMBA	7.430	7.945	5131.8E6	2759.1E6	426.204	384.832
6) T	MCP	7.612	8.046	305.1E6	209.7E6	37.308	35.691
7) T	MCPA	7.762	8.291	463.3E6	301.2E6	41.321	37.609
8) T	DICHLORPROP	8.140	8.662	1399.3E6	700.5E6	451.425	393.240
9) T	2,4-D	8.371	8.993	1696.3E6	821.6E6	482.707	424.842m
10) T	Pentachlo...	8.671	9.521	22808.5E6	10843.2E6	506.381	435.177
11) T	2,4,5-TP ...	9.251	9.899	8986.7E6	4510.6E6	474.761	425.839
12) T	2,4,5-T	9.544	10.320	8427.0E6	4078.3E6	434.807	393.048
13) T	2,4-DB	10.121	10.886	1193.7E6	436.8E6	386.204	329.607
14) T	DINOSEB	11.335	11.266	4503.1E6	1695.9E6	277.742	236.282
15) T	Picloram	11.141	12.364	11432.0E6	4544.9E6	364.009	315.780
16) T	DCPA	11.627	12.312	9554.0E6	5087.7E6	357.475	453.850 #

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

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Manual Integrations

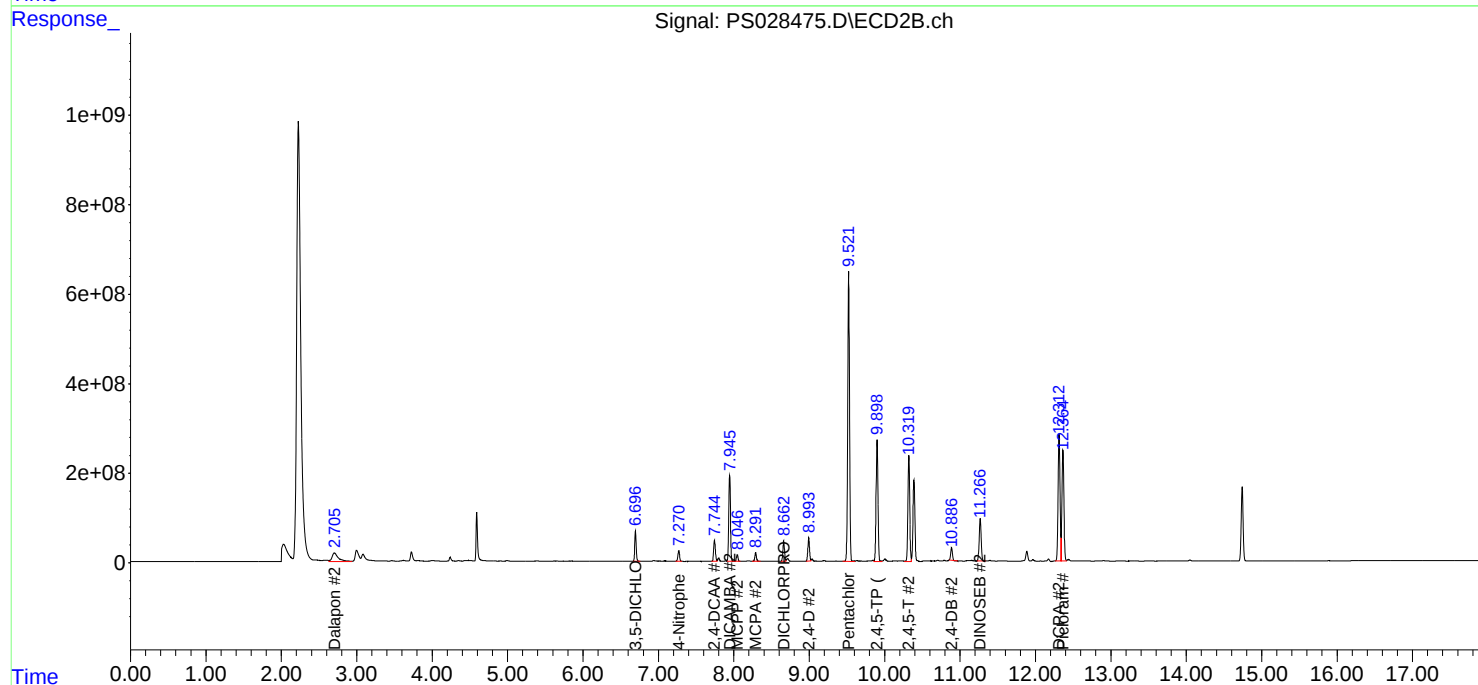
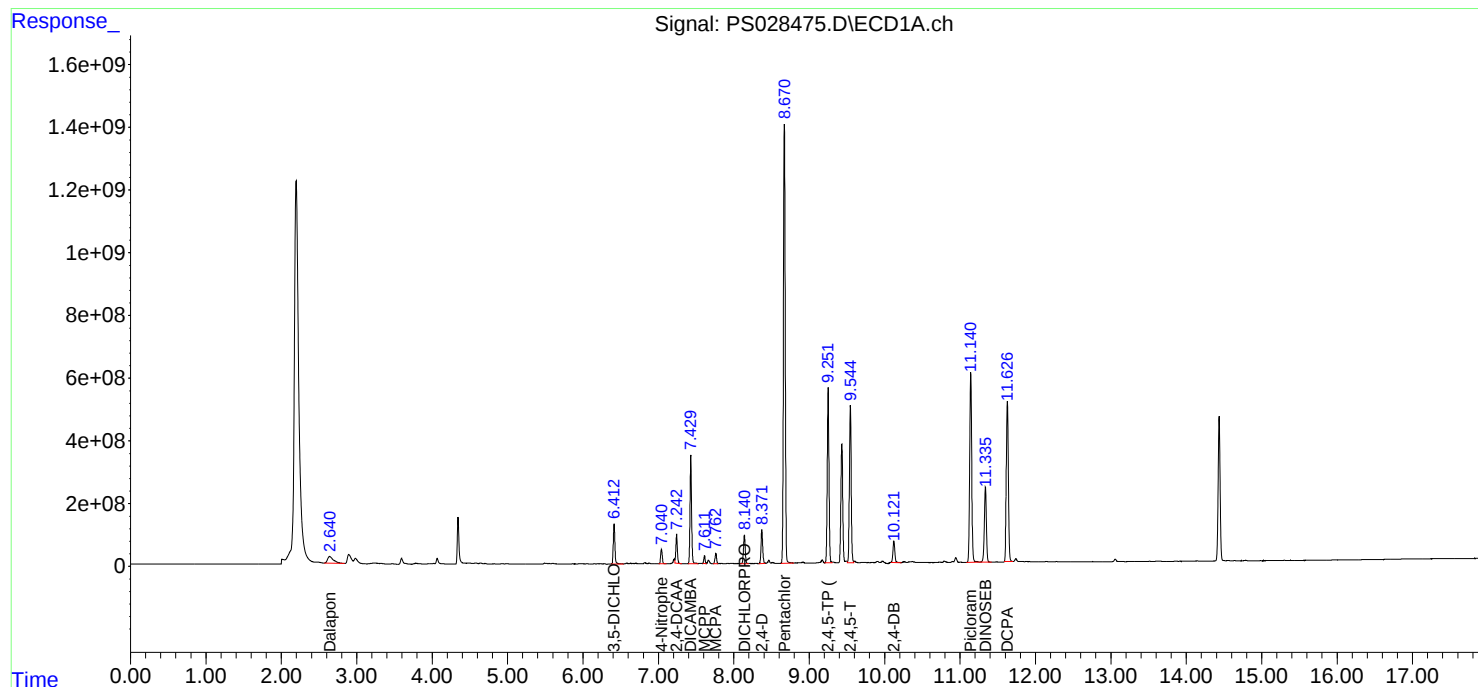
APPROVED

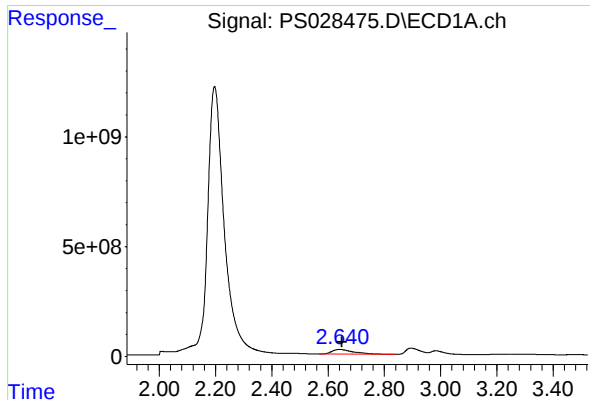
Reviewed By :Abdul Mirza 11/13/2024

Supervised By :Ankita Jodhani 11/13/2024

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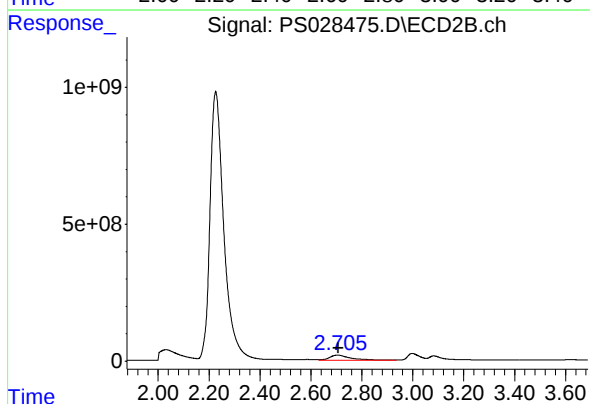
#1 Dalapon

R.T.: 2.641 min
Delta R.T.: -0.009 min
Response: 1176876164
Conc: 329.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

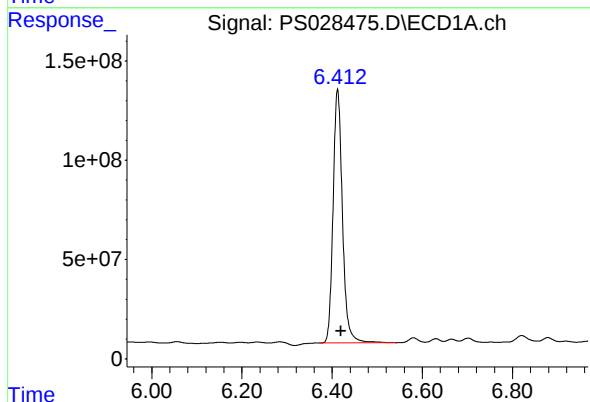
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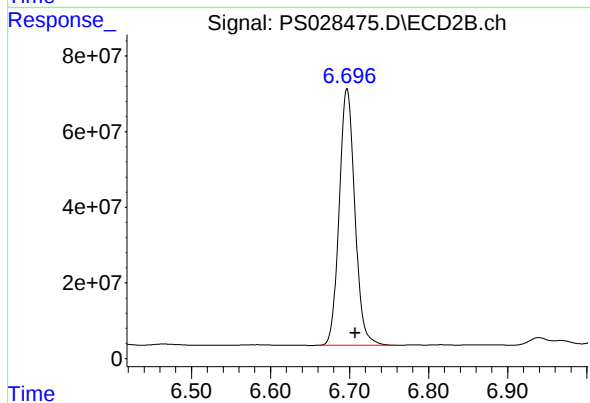
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.002 min
Response: 1092150224
Conc: 385.15 ng/ml



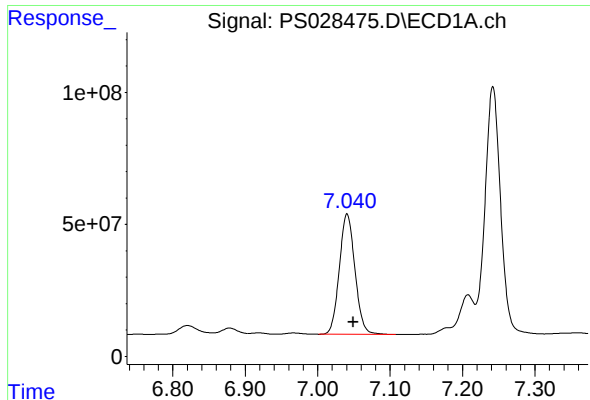
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.412 min
Delta R.T.: -0.007 min
Response: 1843885848
Conc: 460.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.011 min
Response: 932775693
Conc: 393.73 ng/ml m



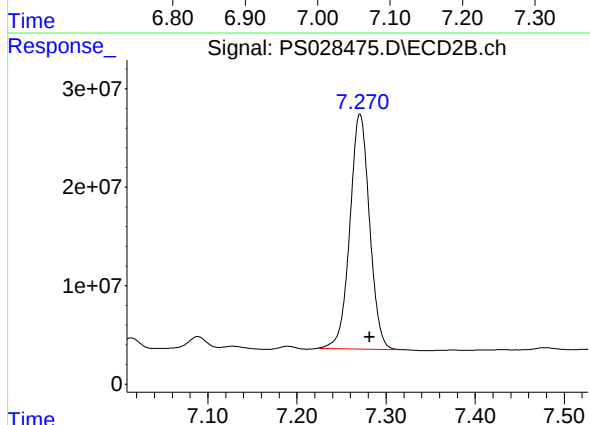
#3 4-Nitrophenol

R.T.: 7.041 min
Delta R.T.: -0.009 min
Response: 682885624
Conc: 368.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

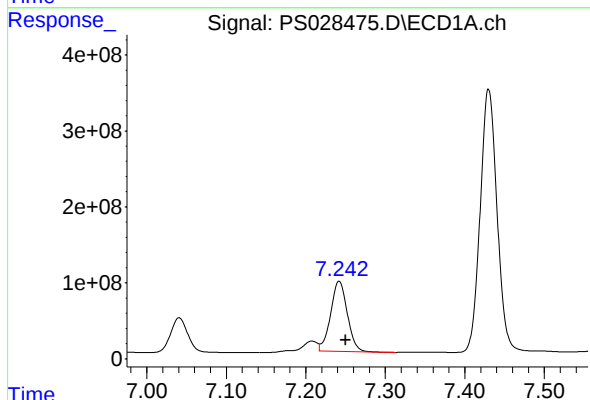
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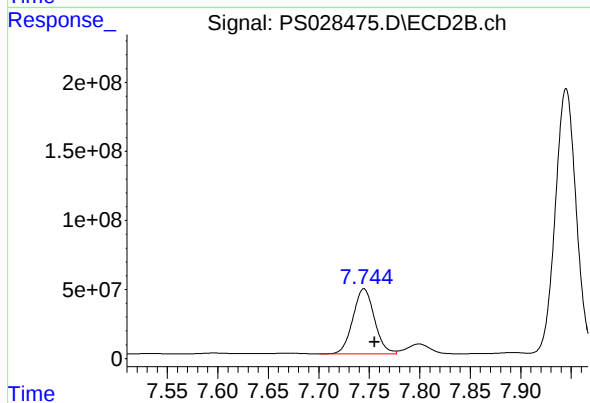
#3 4-Nitrophenol

R.T.: 7.270 min
Delta R.T.: -0.011 min
Response: 366361632
Conc: 345.95 ng/ml m



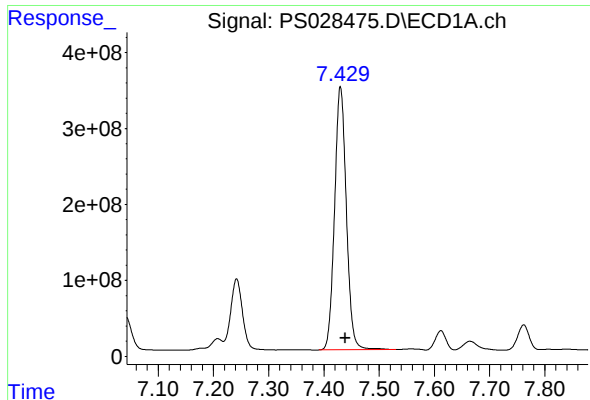
#4 2,4-DCAA

R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 1351526073
Conc: 489.55 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: -0.011 min
Response: 698023864
Conc: 438.07 ng/ml



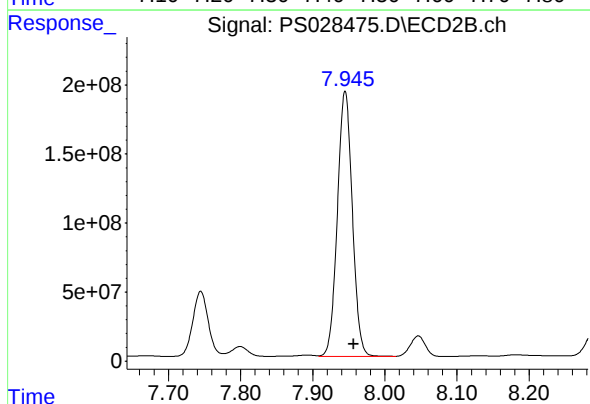
#5 DICAMBA

R.T.: 7.430 min
Delta R.T.: -0.009 min
Response: 5131820154
Conc: 426.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

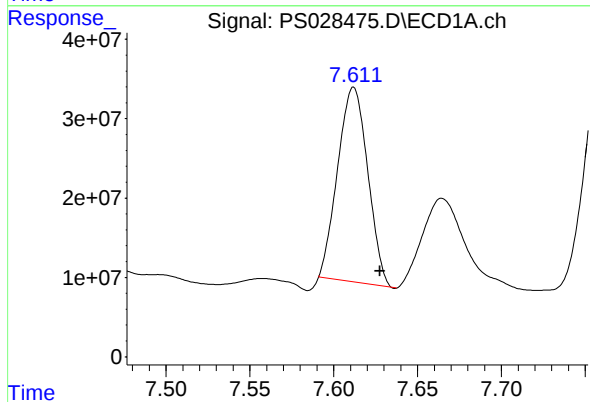
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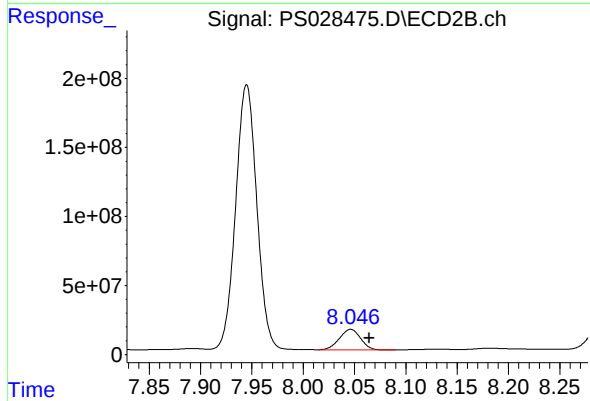
#5 DICAMBA

R.T.: 7.945 min
Delta R.T.: -0.012 min
Response: 2759061277
Conc: 384.83 ng/ml



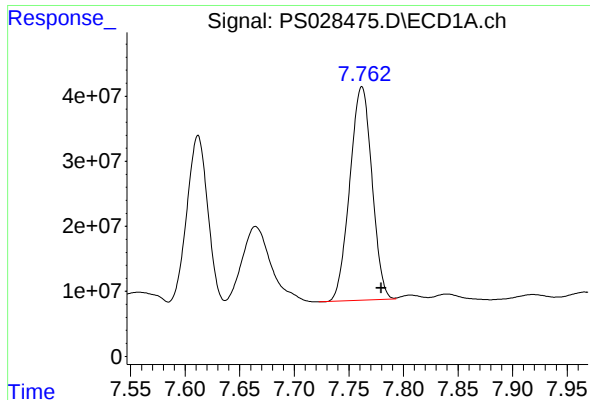
#6 MCPP

R.T.: 7.612 min
Delta R.T.: -0.016 min
Response: 305126977
Conc: 37.31 ug/ml



#6 MCPP

R.T.: 8.046 min
Delta R.T.: -0.018 min
Response: 209666828
Conc: 35.69 ug/ml



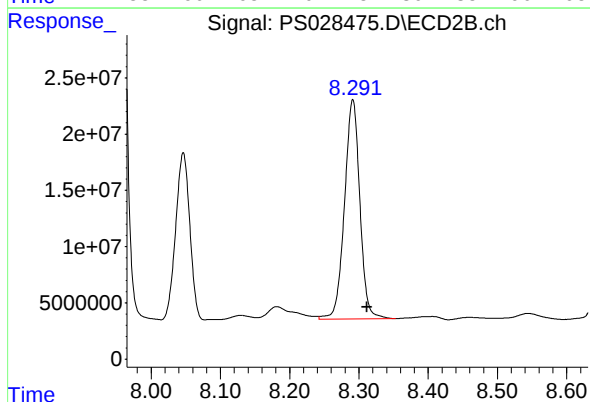
#7 MCPA

R.T.: 7.762 min
Delta R.T.: -0.018 min
Response: 463293054
Conc: 41.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

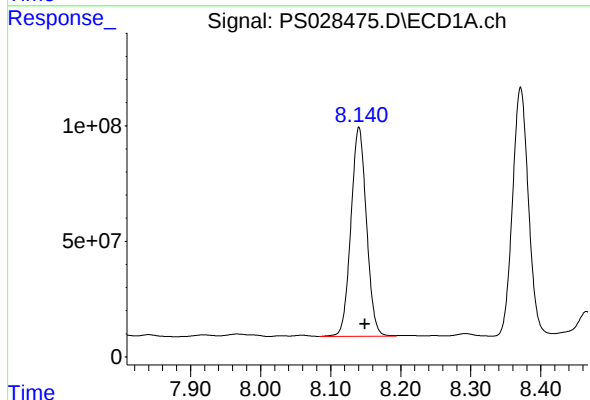
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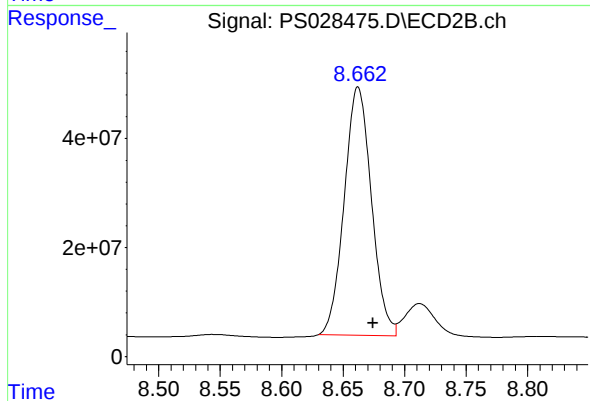
#7 MCPA

R.T.: 8.291 min
Delta R.T.: -0.021 min
Response: 301159584
Conc: 37.61 ug/ml



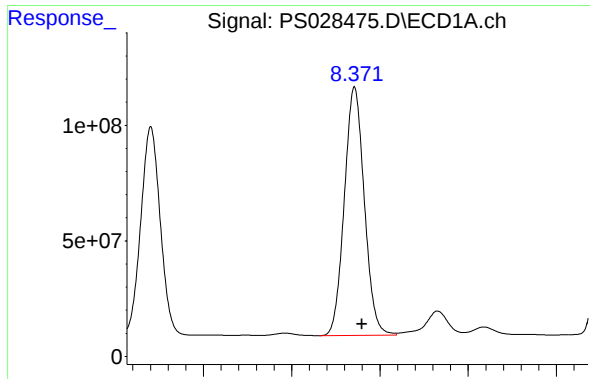
#8 DICHLORPROP

R.T.: 8.140 min
Delta R.T.: -0.009 min
Response: 1399252979
Conc: 451.42 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: -0.012 min
Response: 700465401
Conc: 393.24 ng/ml



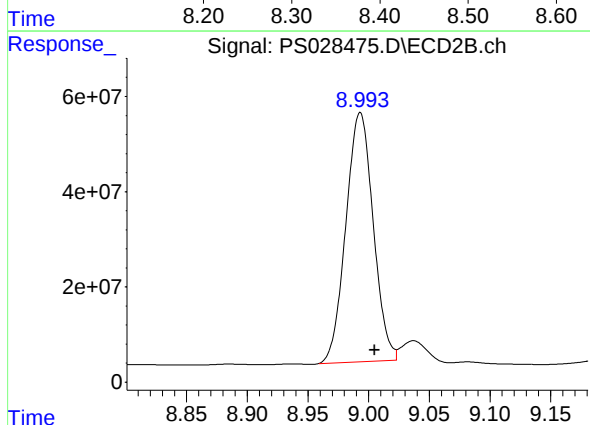
#9 2,4-D

R.T.: 8.371 min
Delta R.T.: -0.009 min
Response: 1696331547
Conc: 482.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

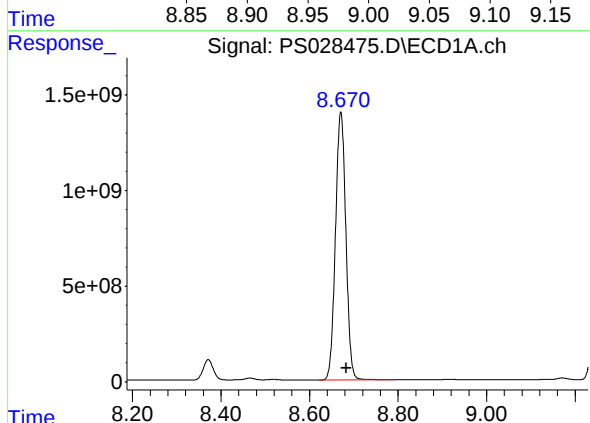
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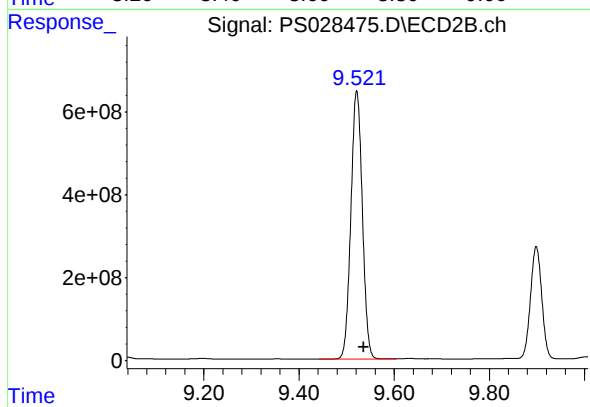
#9 2,4-D

R.T.: 8.993 min
Delta R.T.: -0.012 min
Response: 821567446
Conc: 424.84 ng/ml



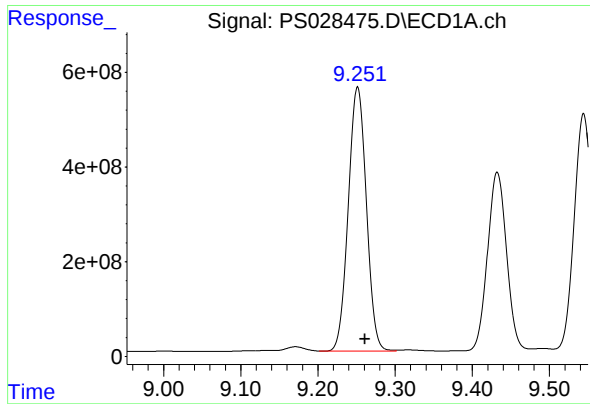
#10 Pentachlorophenol

R.T.: 8.671 min
Delta R.T.: -0.012 min
Response: 22808468518
Conc: 506.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.521 min
Delta R.T.: -0.014 min
Response: 10843231354
Conc: 435.18 ng/ml



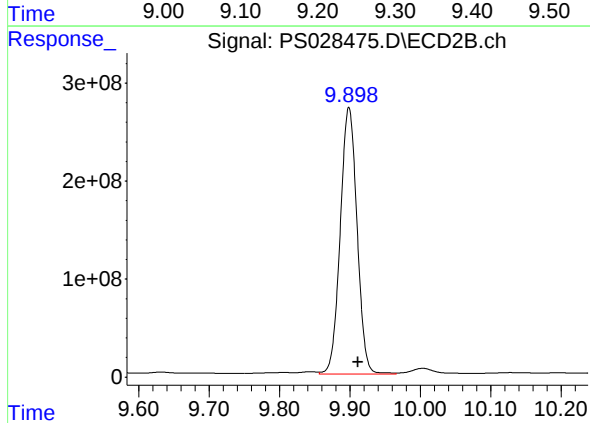
#11 2,4,5-TP (SILVEX)

R.T.: 9.251 min
Delta R.T.: -0.009 min
Response: 8986722405
Conc: 474.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

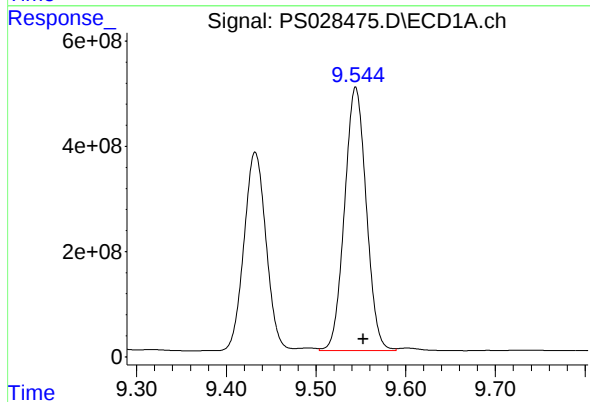
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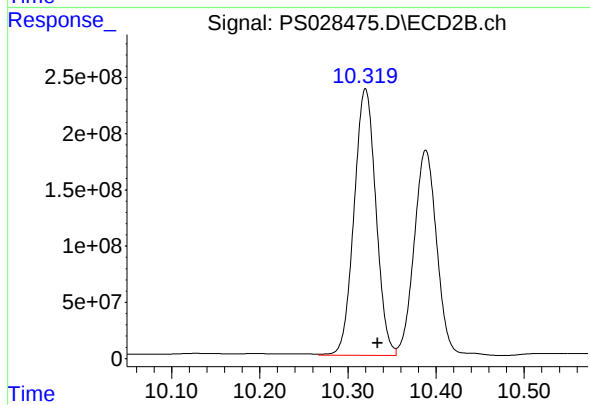
#11 2,4,5-TP (SILVEX)

R.T.: 9.899 min
Delta R.T.: -0.013 min
Response: 4510570432
Conc: 425.84 ng/ml



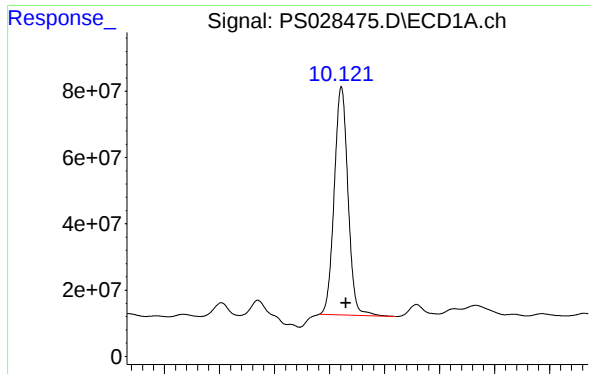
#12 2,4,5-T

R.T.: 9.544 min
Delta R.T.: -0.009 min
Response: 8427001815
Conc: 434.81 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: -0.014 min
Response: 4078273237
Conc: 393.05 ng/ml



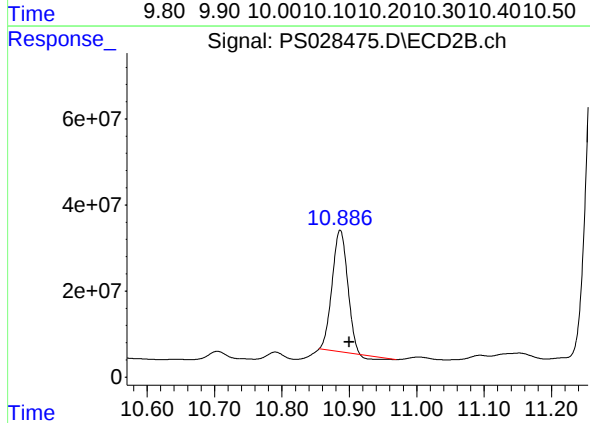
#13 2,4-DB

R.T.: 10.121 min
Delta R.T.: -0.009 min
Response: 1193712197
Conc: 386.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

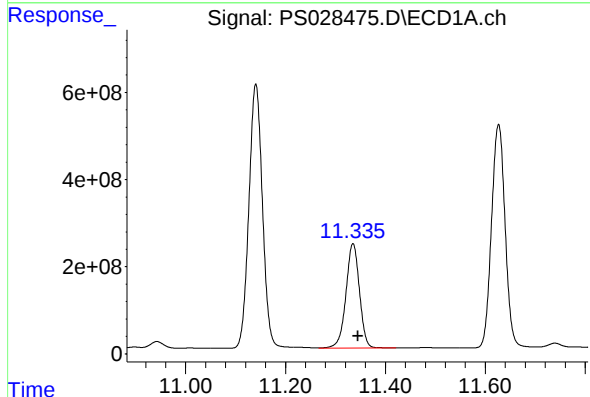
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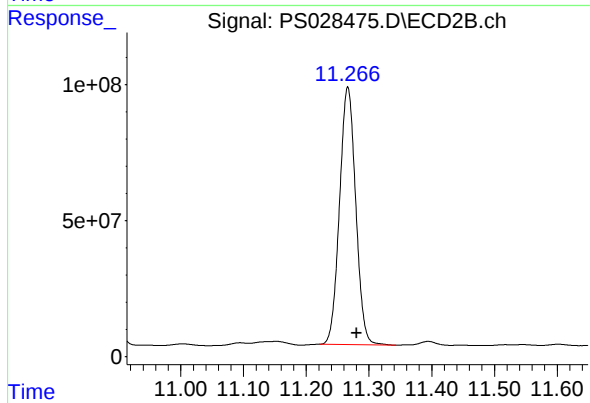
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: -0.014 min
Response: 436821582
Conc: 329.61 ng/ml



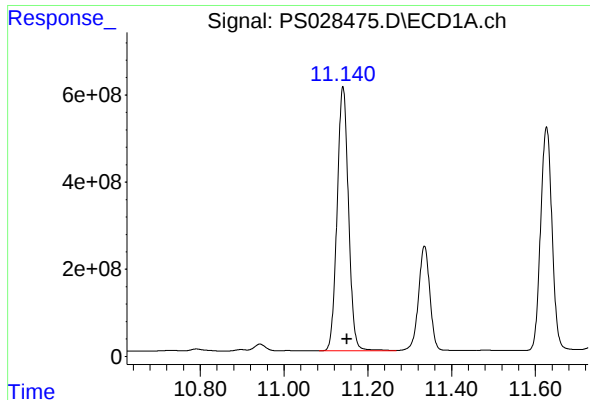
#14 DINOSEB

R.T.: 11.335 min
Delta R.T.: -0.010 min
Response: 4503137054
Conc: 277.74 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.014 min
Response: 1695877266
Conc: 236.28 ng/ml



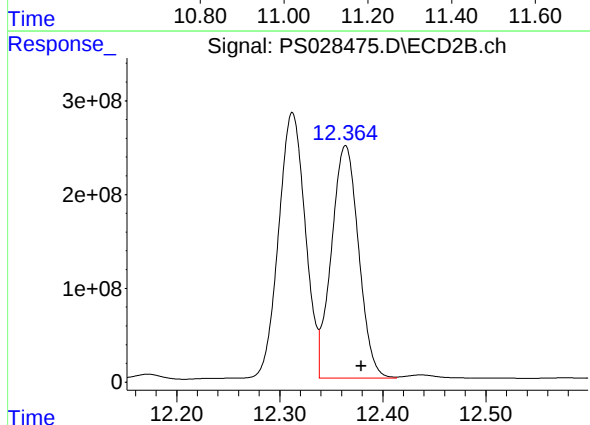
#15 Picloram

R.T.: 11.141 min
Delta R.T.: -0.010 min
Response: 11432048303
Conc: 364.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-2(0-6)MS

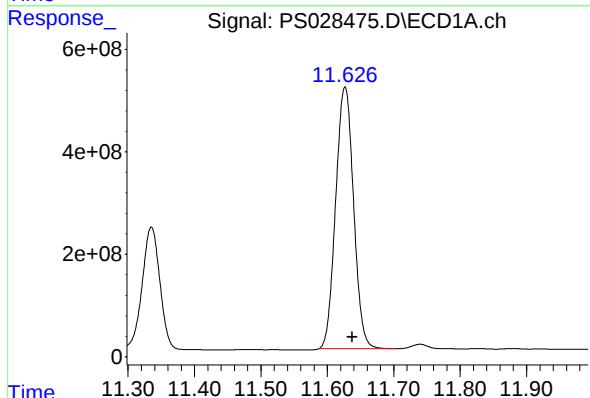
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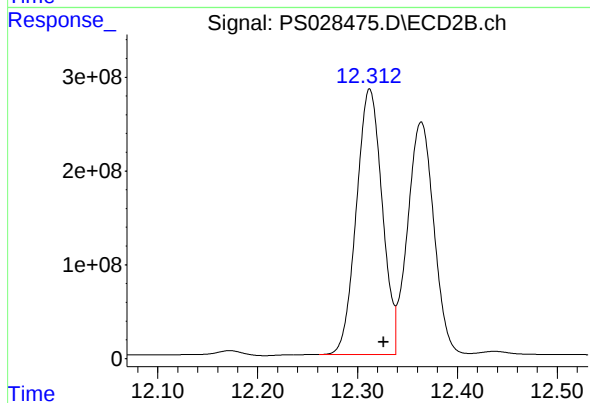
#15 Picloram

R.T.: 12.364 min
Delta R.T.: -0.015 min
Response: 4544868822
Conc: 315.78 ng/ml



#16 DCPA

R.T.: 11.627 min
Delta R.T.: -0.011 min
Response: 9554035307
Conc: 357.48 ng/ml



#16 DCPA

R.T.: 12.312 min
Delta R.T.: -0.014 min
Response: 5087721750
Conc: 453.85 ng/ml