

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090225\
 Data File : PS031589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2025 15:38
 Operator : AR\AJ
 Sample : PB169463BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169463BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/03/2025
 Supervised By :mohammad ahmed 09/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 02:19:58 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	7.744	1872.8E6	432.4E6	590.059	511.539
Target Compounds							
1) T	Dalapon	2.670	2.692	2513.7E6	1218.9E6	478.892	458.053
2) T	3,5-DICHL...	6.454	6.696	2568.5E6	719.1E6	544.362	531.914
3) T	4-Nitroph...	7.100	7.301	524.7E6	493.7E6	508.583	392.777
5) T	DICAMBA	7.470	7.938	7531.4E6	2929.3E6	539.252	515.474
6) T	MCPD	7.646	8.033	426.1E6	94125725	52.961m	53.244m
7) T	MCPA	7.796	8.280	499.6E6	126.9E6	50.150	45.239
8) T	DICHLORPROP	8.178	8.658	1716.0E6	657.2E6	540.908	492.288
9) T	2,4-D	8.416	9.003	1642.7E6	693.1E6	571.017m	485.589
10) T	Pentachlo...	8.709	9.508	28185.1E6	19327.0E6	587.038	554.919
11) T	2,4,5-TP ...	9.287	9.893	10391.4E6	7032.0E6	579.755	536.135
12) T	2,4,5-T	9.586	10.323	8616.6E6	5930.6E6	588.112	500.902
13) T	2,4-DB	10.161	10.893	840.1E6	397.1E6	437.144m	411.602
14) T	DINOSEB	11.357	11.266	7284.7E6	5045.6E6	574.574	533.537
15) T	Picloram	11.192	12.393	5690.8E6	7140.2E6	435.936m	407.321m
16) T	DCPA	11.655	12.306	13616.2E6	11360.5E6	597.744m	576.665m

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

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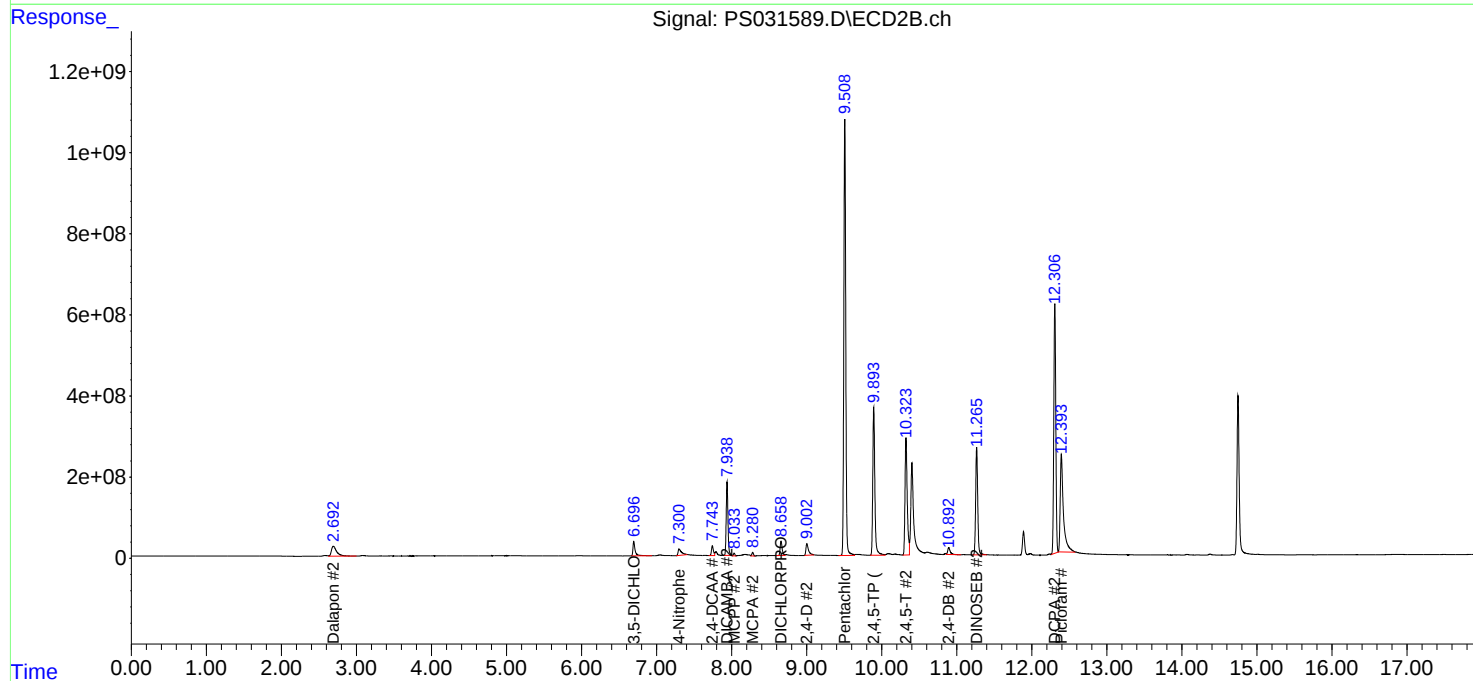
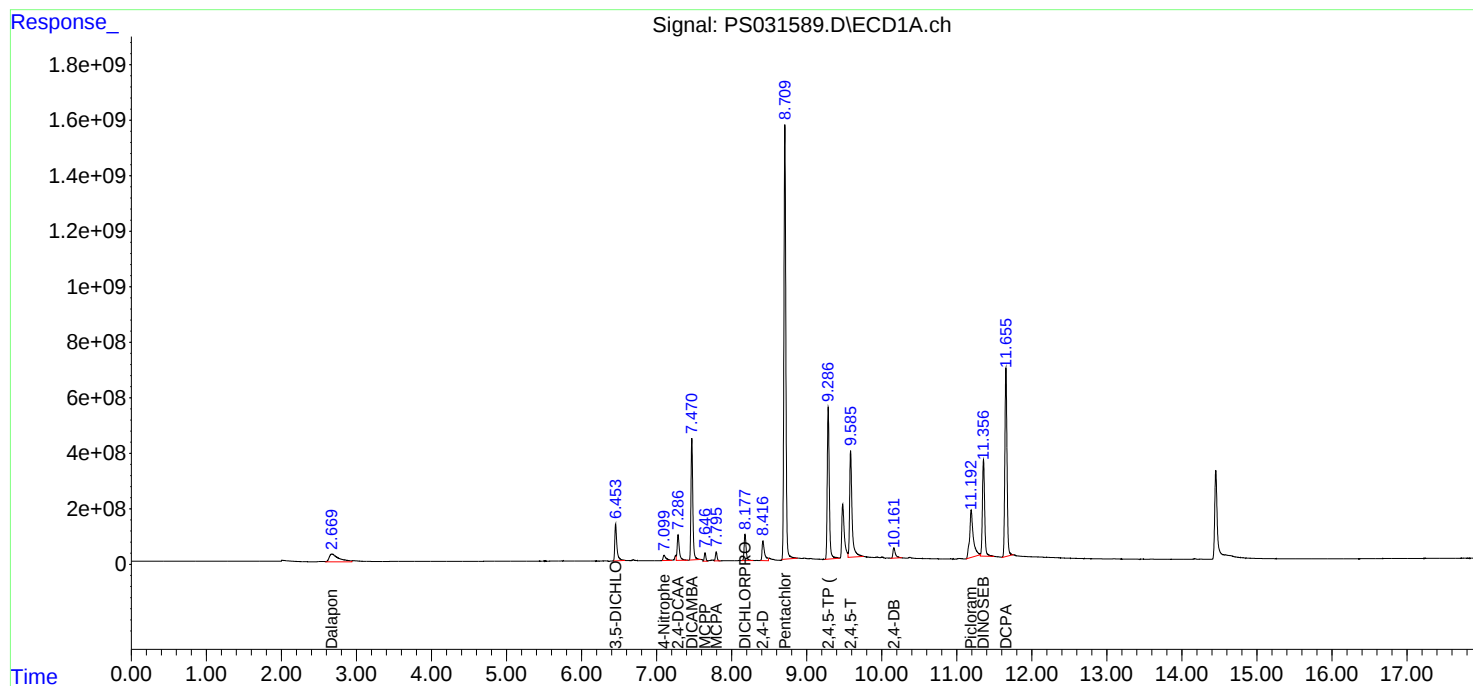
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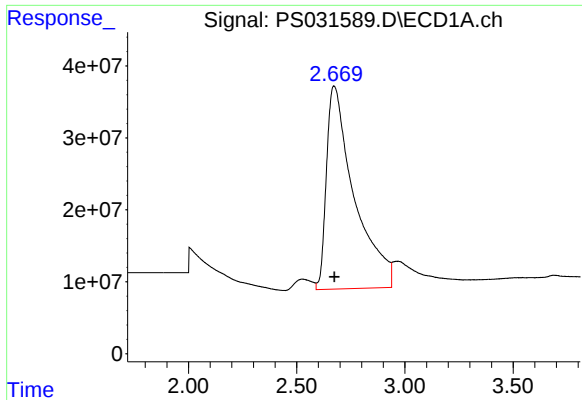
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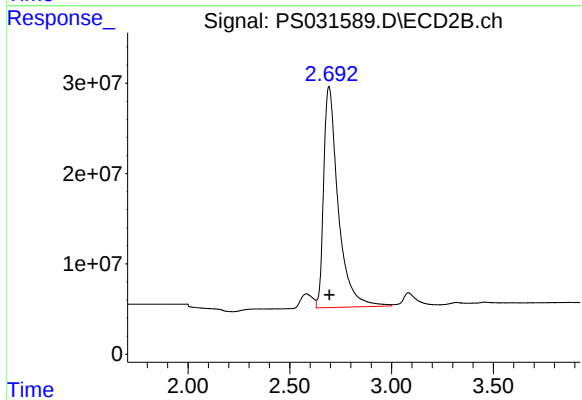
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 2513673835
Conc: 478.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

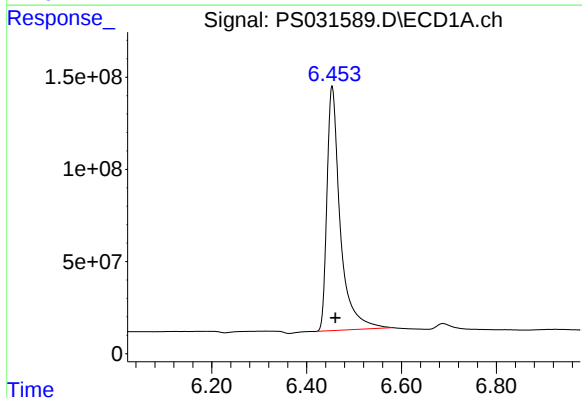
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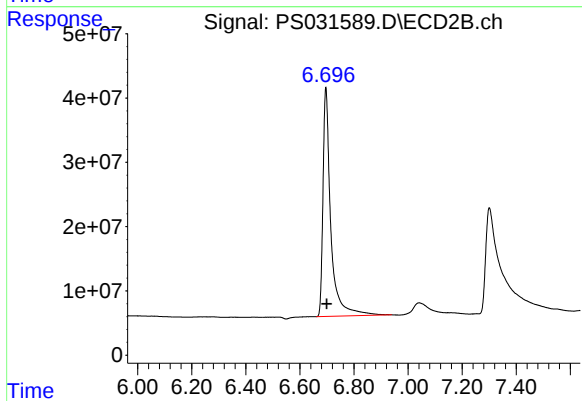
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.003 min
Response: 1218883490
Conc: 458.05 ng/ml



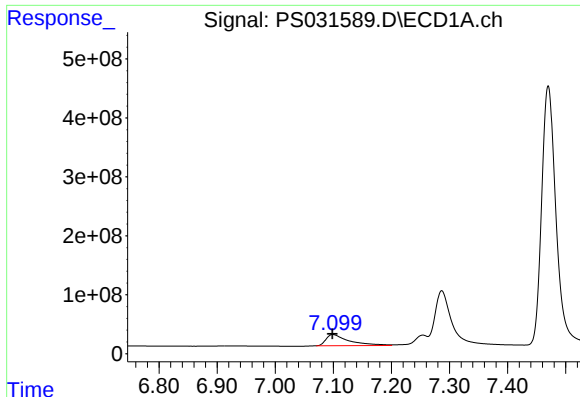
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 2568473272
Conc: 544.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 719110851
Conc: 531.91 ng/ml



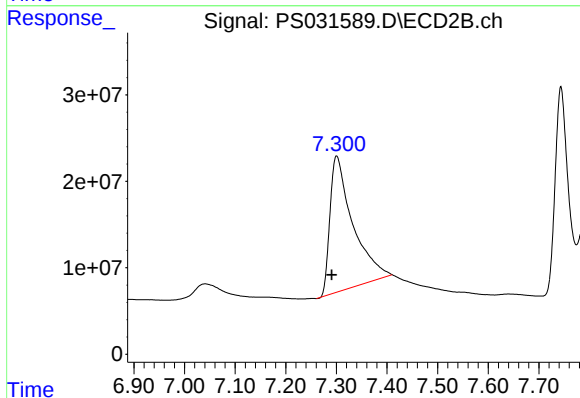
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.001 min
Response: 524695061
Conc: 508.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

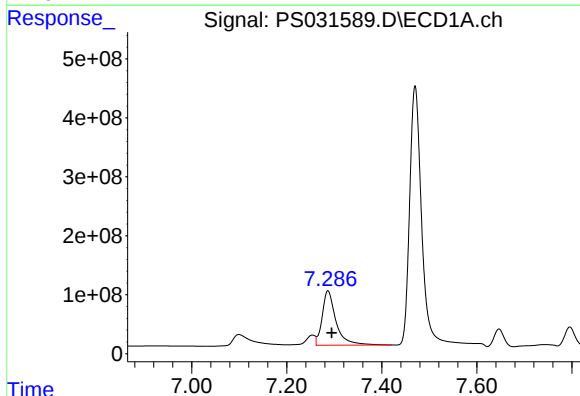
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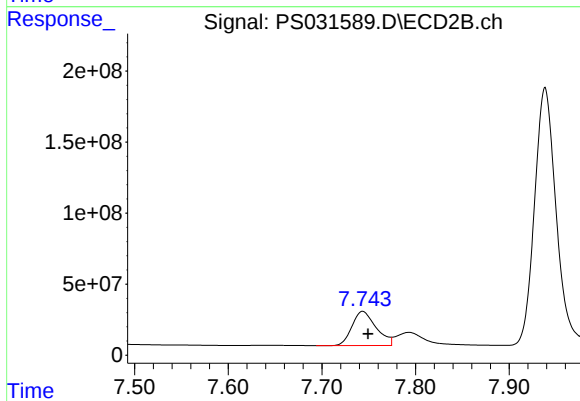
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.010 min
Response: 493677898
Conc: 392.78 ng/ml



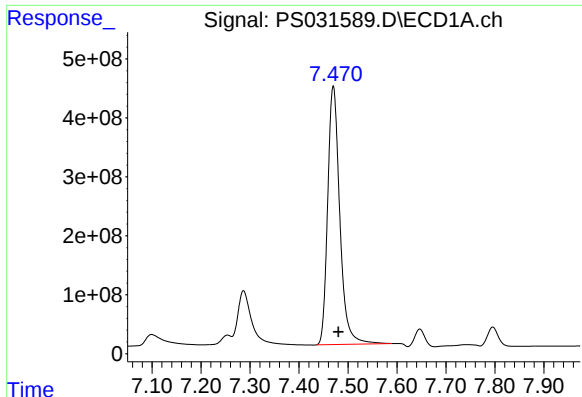
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1872840243
Conc: 590.06 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: -0.006 min
Response: 432423957
Conc: 511.54 ng/ml



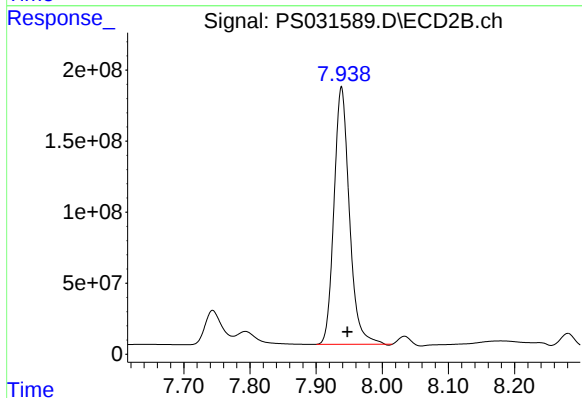
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 7531449089
Conc: 539.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

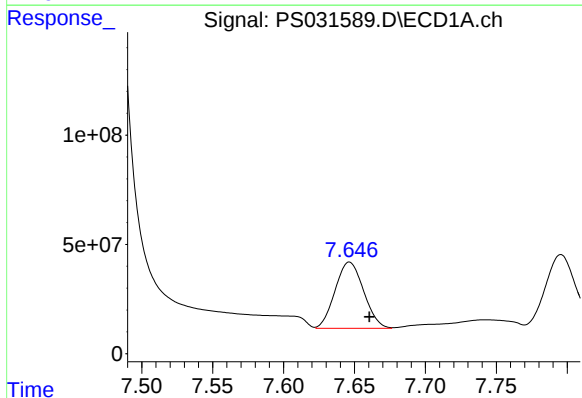
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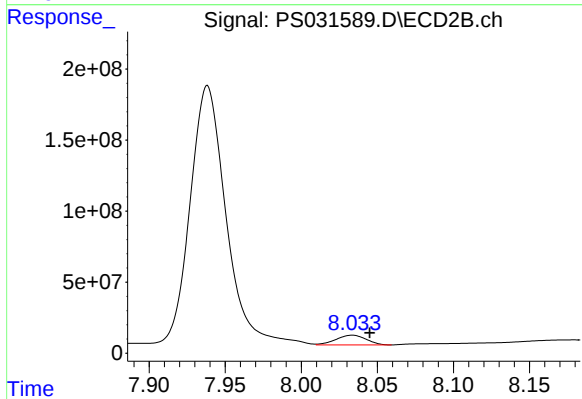
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 2929280762
Conc: 515.47 ng/ml



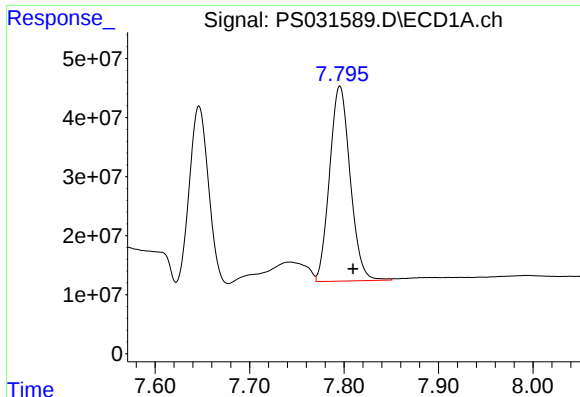
#6 MCPP

R.T.: 7.646 min
Delta R.T.: -0.015 min
Response: 426066106
Conc: 52.96 ug/ml m



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 94125725
Conc: 53.24 ug/ml m



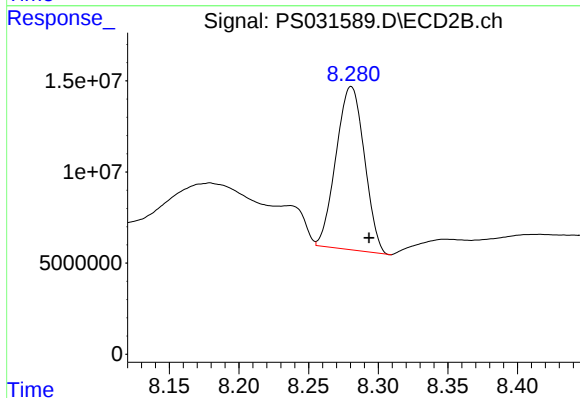
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.014 min
Response: 499561569
Conc: 50.15 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

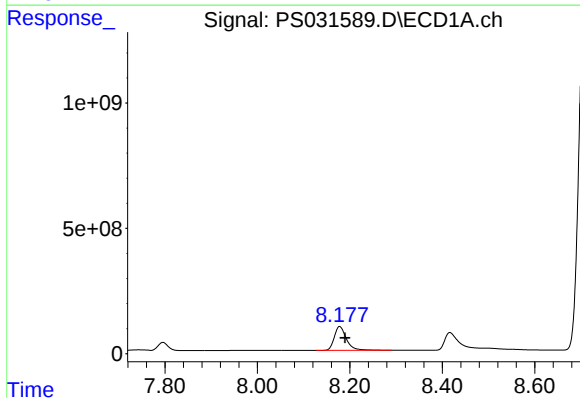
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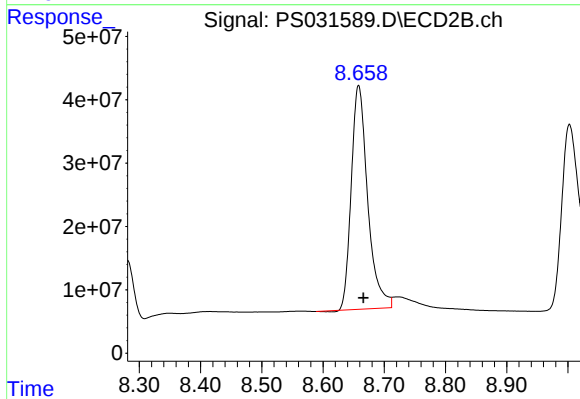
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 126917186
Conc: 45.24 ug/ml



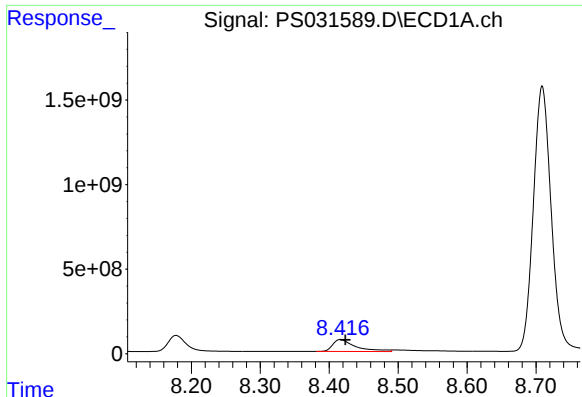
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.012 min
Response: 1715992416
Conc: 540.91 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 657220266
Conc: 492.29 ng/ml



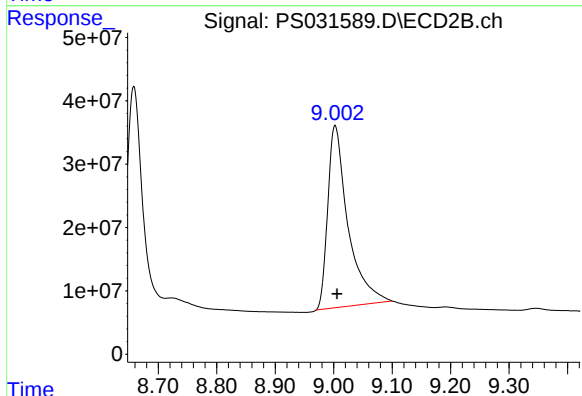
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: -0.008 min
Response: 1642711744
Conc: 571.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

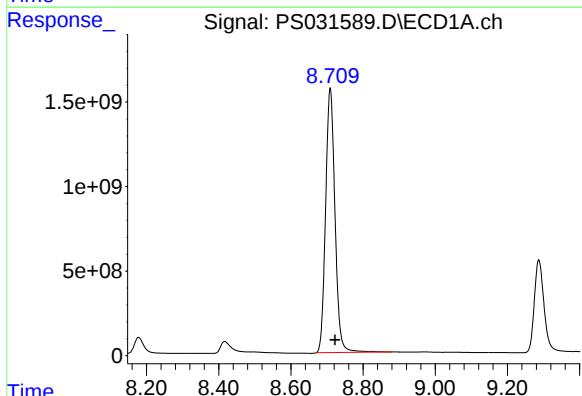
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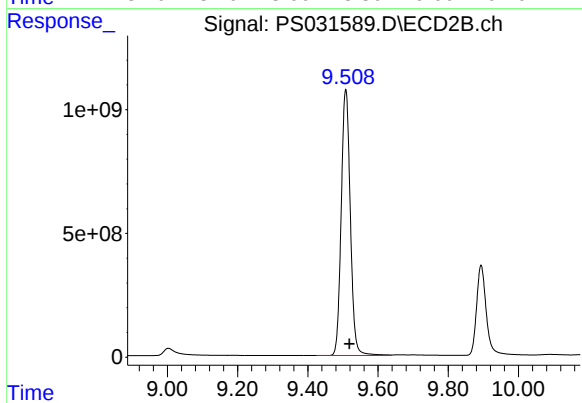
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 693075458
Conc: 485.59 ng/ml



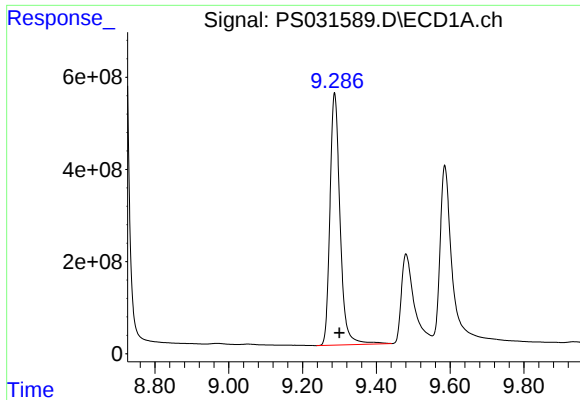
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 28185098434
Conc: 587.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.010 min
Response: 19326961850
Conc: 554.92 ng/ml



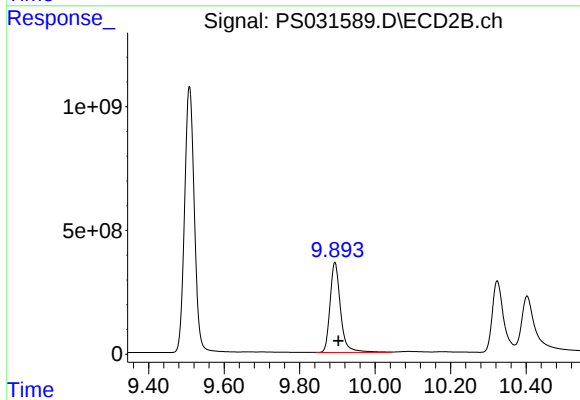
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 10391365013
Conc: 579.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

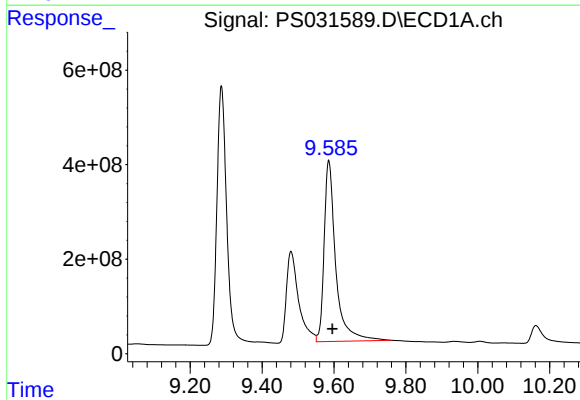
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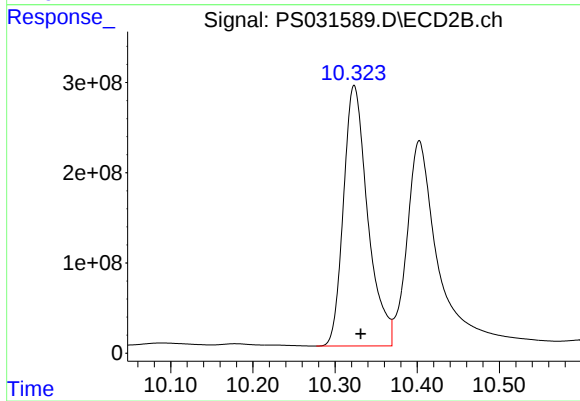
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.009 min
Response: 7031963458
Conc: 536.14 ng/ml



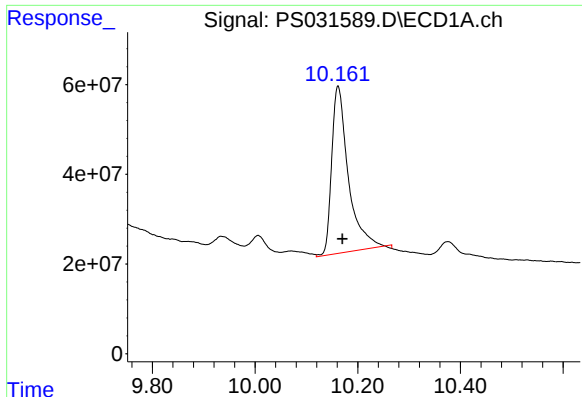
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.010 min
Response: 8616562467
Conc: 588.11 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 5930567229
Conc: 500.90 ng/ml



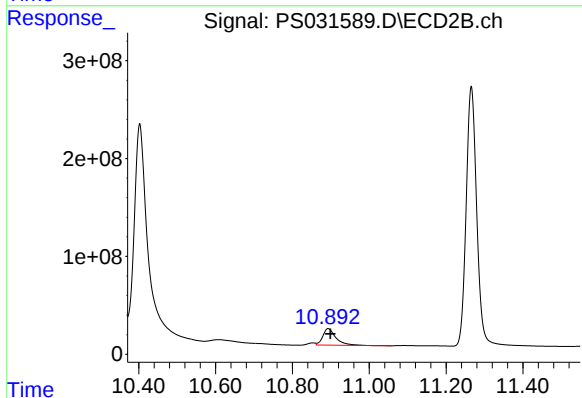
#13 2,4-DB

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 840069311
Conc: 437.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169463BSD

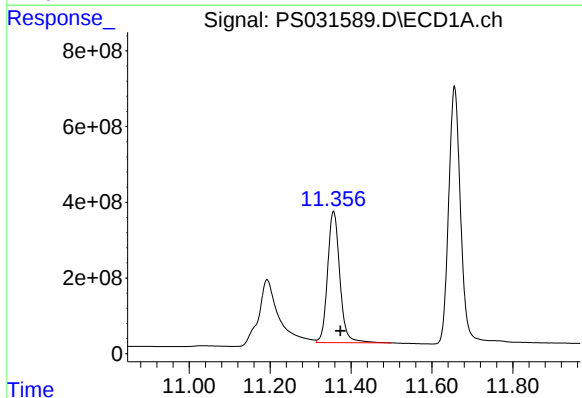
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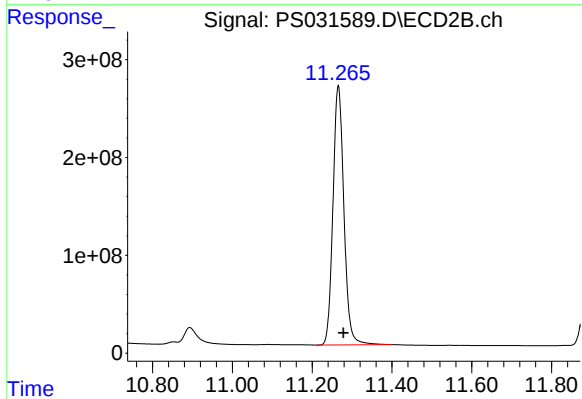
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: -0.006 min
Response: 397132333
Conc: 411.60 ng/ml



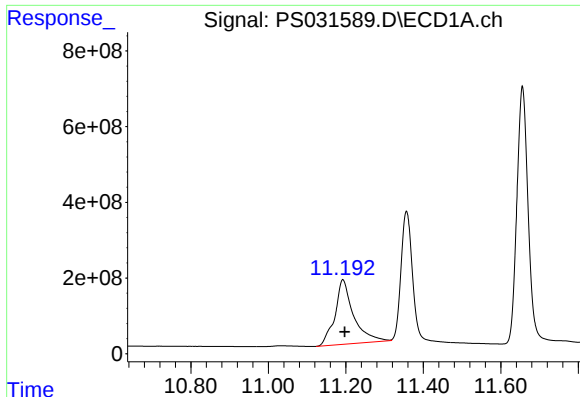
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.017 min
Response: 7284718052
Conc: 574.57 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.013 min
Response: 5045629060
Conc: 533.54 ng/ml



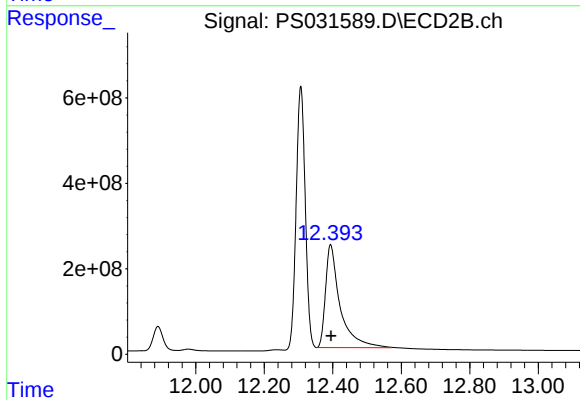
#15 Picloram

R.T.: 11.192 min
Delta R.T.: -0.005 min
Response: 5690772733
Conc: 435.94 ng/ml

Instrument :
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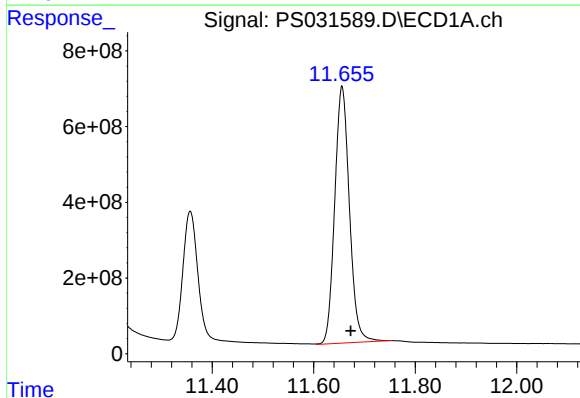
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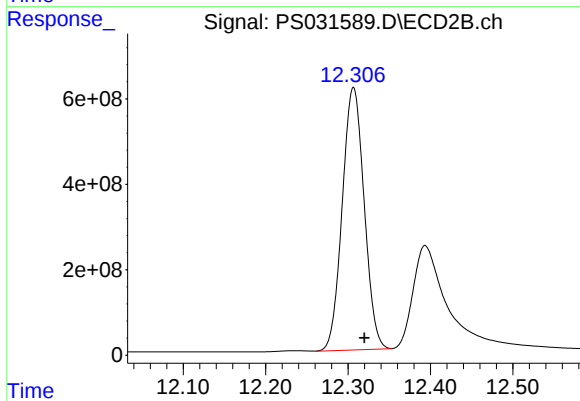
#15 Picloram

R.T.: 12.393 min
Delta R.T.: -0.002 min
Response: 7140219896
Conc: 407.32 ng/ml m



#16 DCPA

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 13616212845
Conc: 597.74 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.014 min
Response: 11360523183
Conc: 576.66 ng/ml m