

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 13:35
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS060425

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 14:09:59 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 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	7.370	7.771	2779.2E6	744.7E6	736.179m	692.376
Target Compounds							
1) T	Dalapon	2.714	2.705	3877.5E6	1823.2E6	686.652	665.381
2) T	3,5-DICHL...	6.525	6.713	3695.4E6	1043.6E6	681.009	667.130
3) T	4-Nitroph...	7.169	7.300	1225.8E6	1032.9E6	668.475	659.037
5) T	DICAMBA	7.563	7.975	10727.3E6	4354.5E6	695.557	675.993
6) T	MCPD	7.746	8.074	698.1E6	157.4E6	70.484	68.090
7) T	MCPA	7.897	8.324	861.2E6	203.6E6	67.866	65.964
8) T	DICHLORPROP	8.281	8.695	2469.0E6	997.8E6	678.655	672.256
9) T	2,4-D	8.514	9.031	2588.4E6	1072.3E6	710.397	682.017
10) T	Pentachlo...	8.823	9.558	38130.8E6	25498.1E6	750.811	705.574
11) T	2,4,5-TP ...	9.406	9.939	14651.6E6	9473.2E6	709.003	690.633
12) T	2,4,5-T	9.700	10.366	13151.1E6	9065.2E6	713.527	694.273
13) T	2,4-DB	10.282	10.933	2193.0E6	785.8E6	722.260	683.578
14) T	DINOSEB	11.505	11.320	10027.6E6	6923.3E6	697.574	688.879
15) T	Picloram	11.310	12.428	14073.5E6	15641.1E6	703.508	708.260
16) T	DCPA	11.801	12.365	19004.7E6	14438.0E6	718.784	705.569

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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

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Manual Integrations

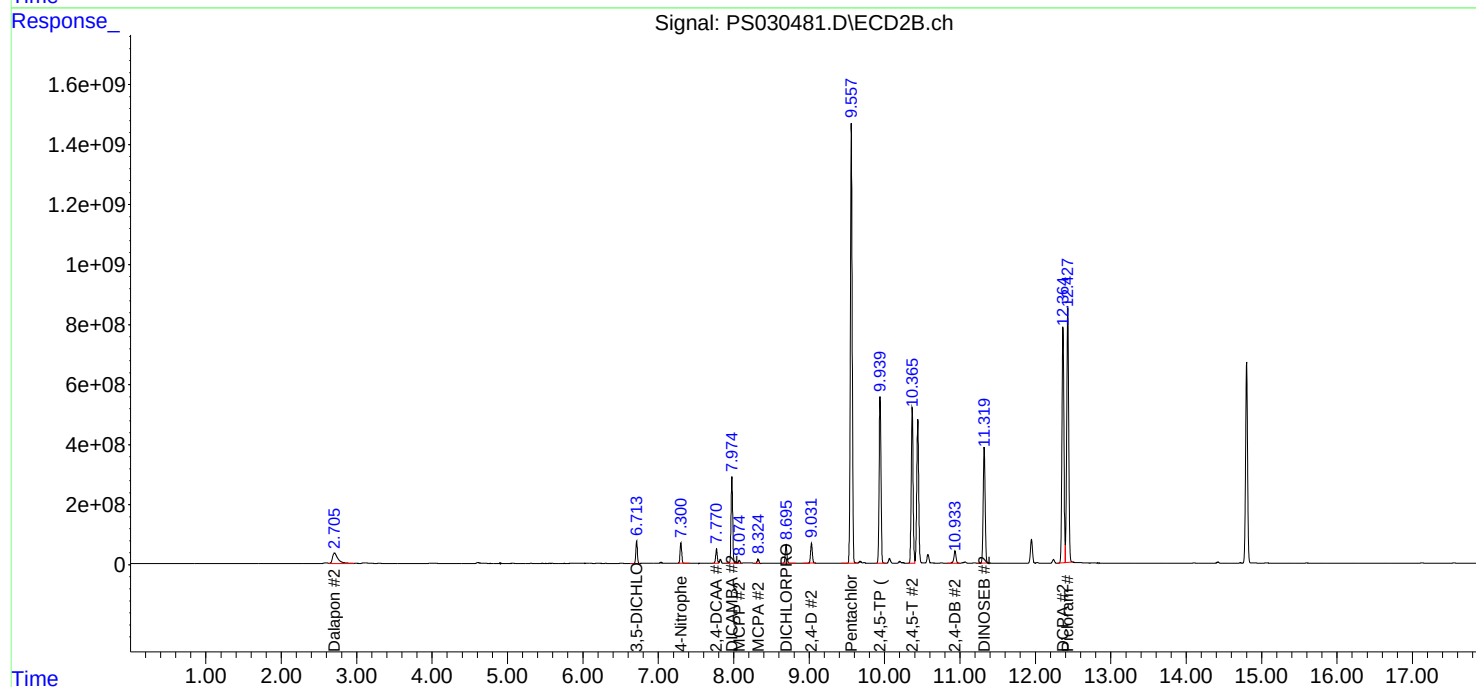
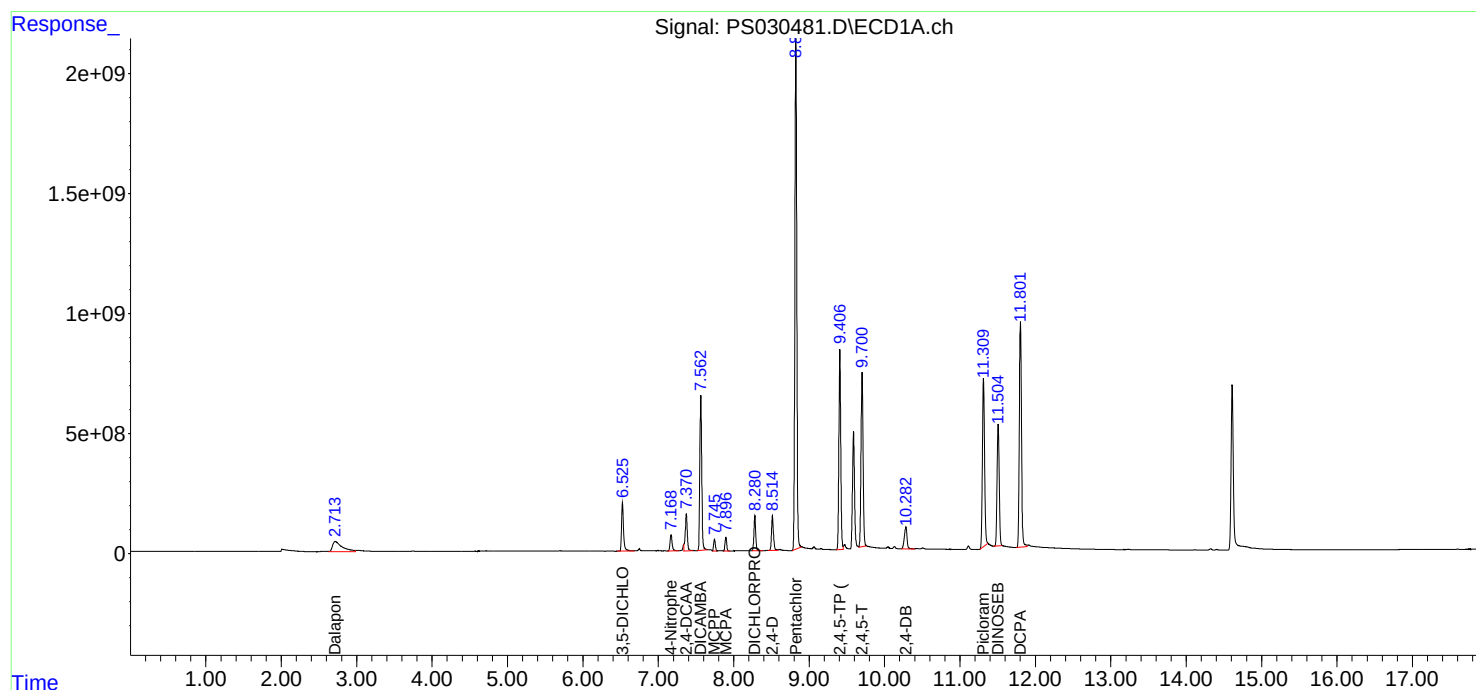
APPROVED

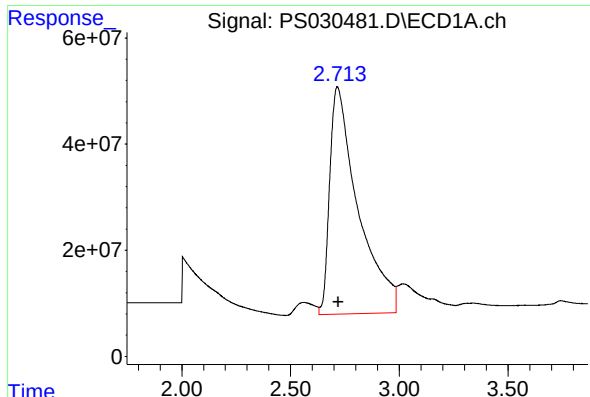
Reviewed By :Abdul Mirza 06/05/2025

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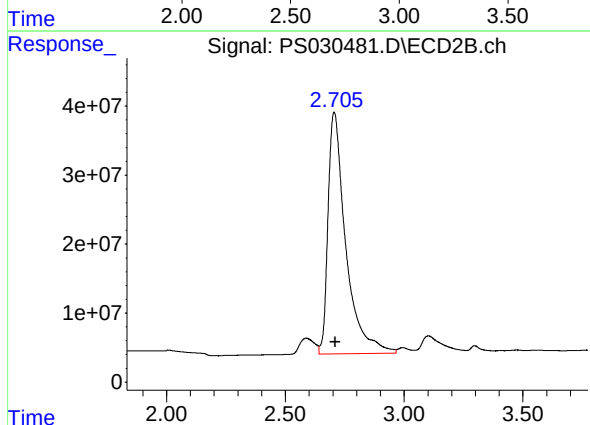
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 3877503909
Conc: 686.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

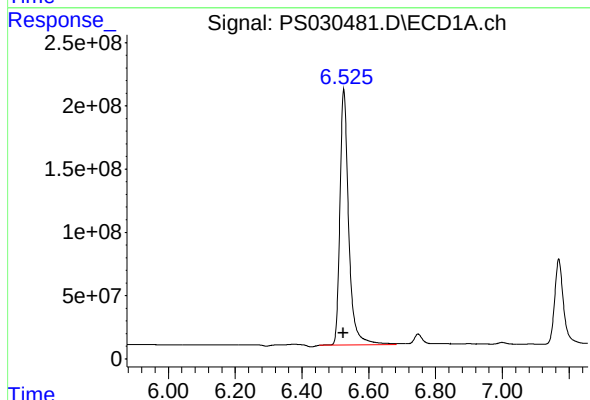
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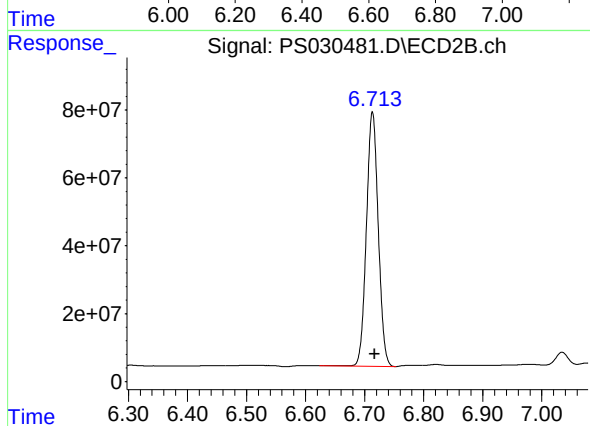
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.005 min
Response: 1823153282
Conc: 665.38 ng/ml



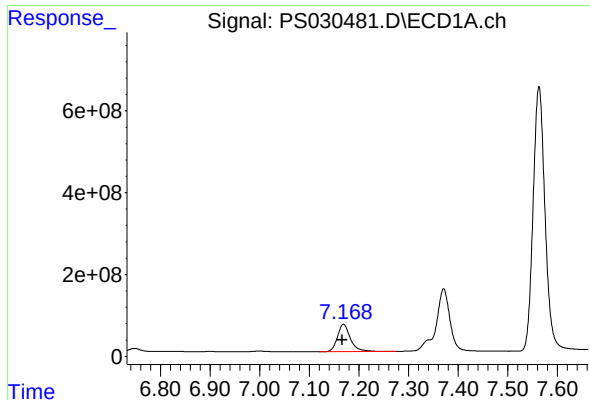
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.525 min
Delta R.T.: 0.001 min
Response: 3695395389
Conc: 681.01 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 1043556693
Conc: 667.13 ng/ml



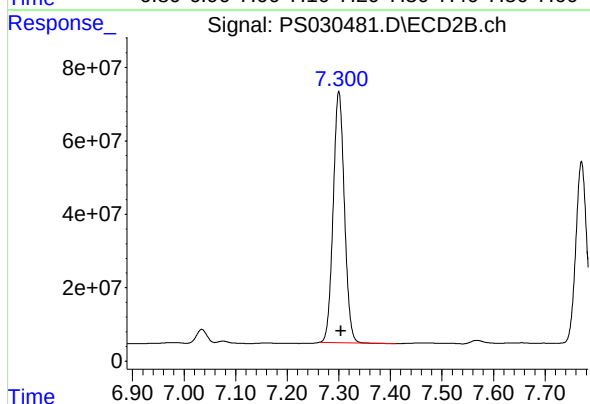
#3 4-Nitrophenol

R.T.: 7.169 min
Delta R.T.: 0.002 min
Response: 1225819458
Conc: 668.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

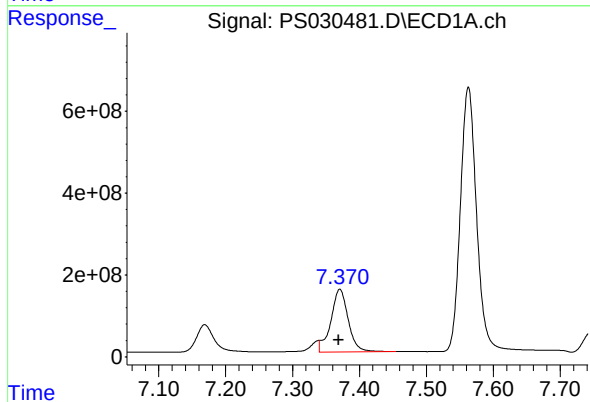
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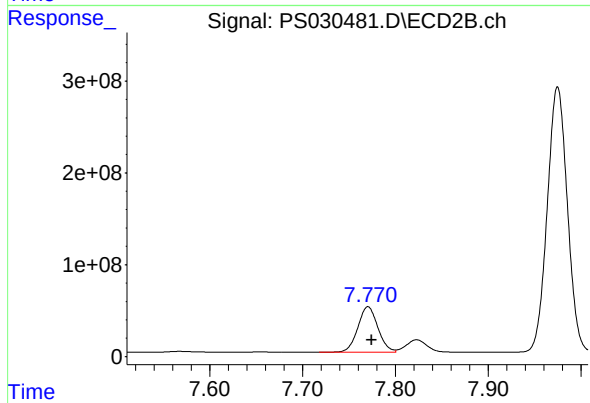
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1032871574
Conc: 659.04 ng/ml



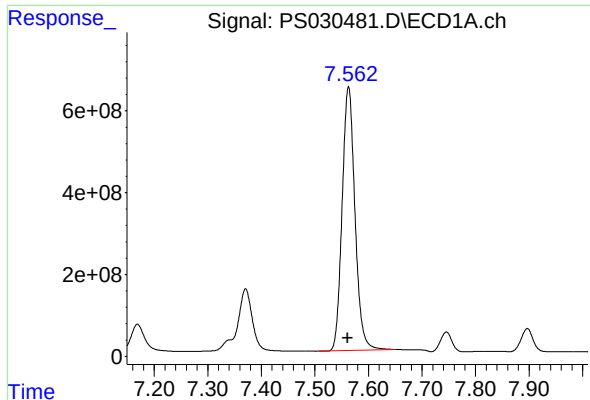
#4 2,4-DCAA

R.T.: 7.370 min
Delta R.T.: 0.001 min
Response: 2779181160
Conc: 736.18 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 744726314
Conc: 692.38 ng/ml



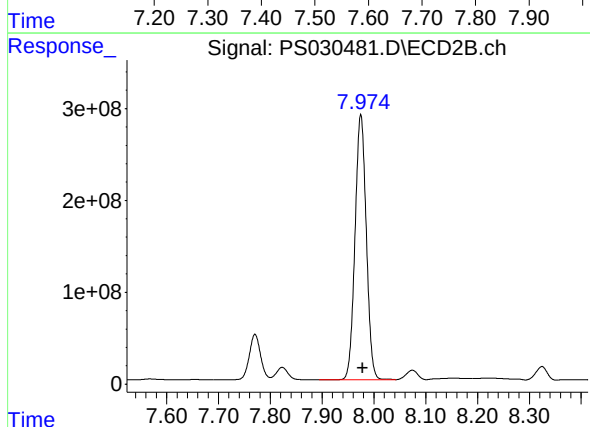
#5 DICAMBA

R.T.: 7.563 min
Delta R.T.: 0.002 min
Response: 10727256402
Conc: 695.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

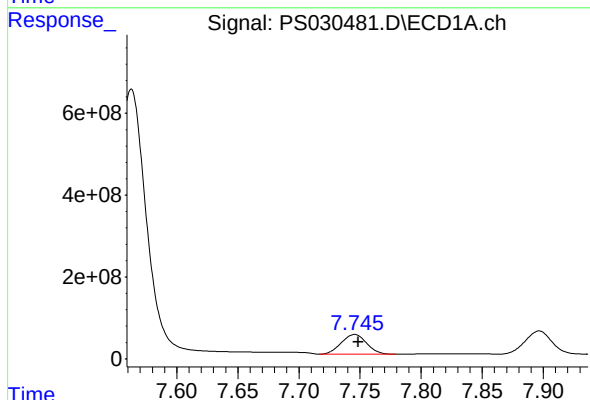
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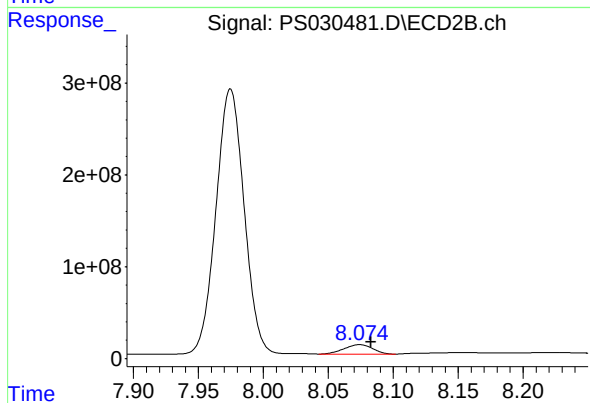
#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.004 min
Response: 4354510143
Conc: 675.99 ng/ml



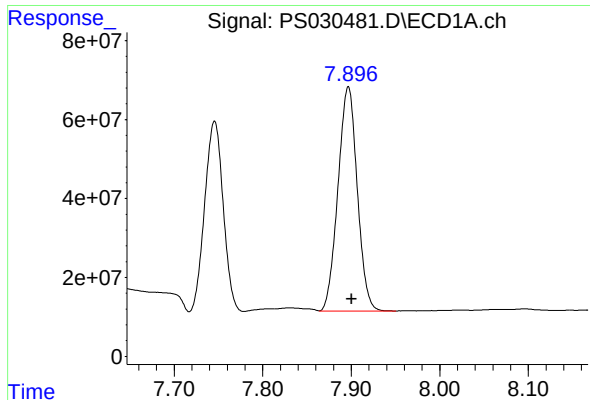
#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 698139097
Conc: 70.48 ug/ml



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 157396923
Conc: 68.09 ug/ml



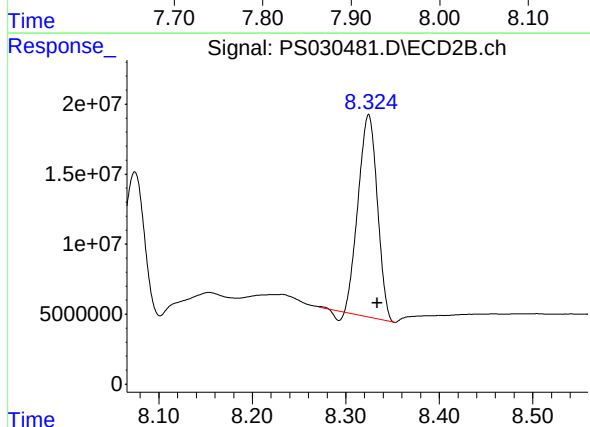
#7 MCPA

R.T.: 7.897 min
Delta R.T.: -0.004 min
Response: 861173508
Conc: 67.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

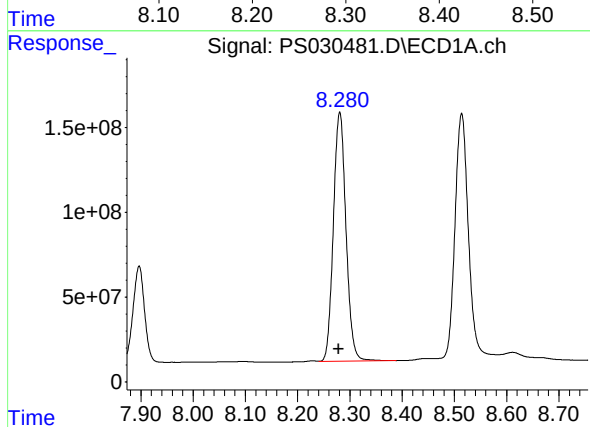
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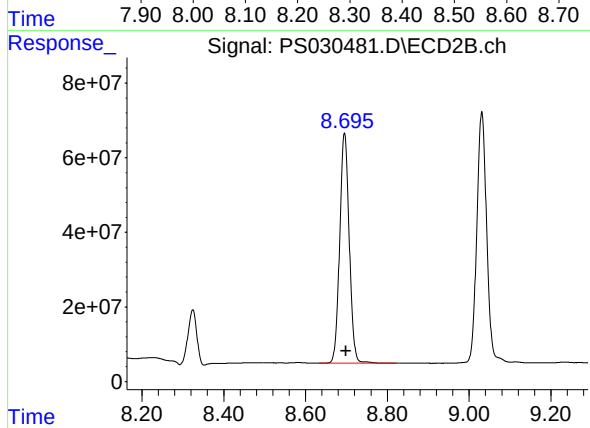
#7 MCPA

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 203558957
Conc: 65.96 ug/ml



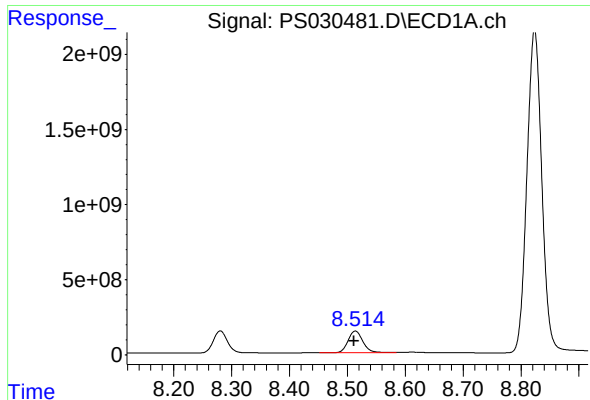
#8 DICHLORPROP

R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 2469046936
Conc: 678.66 ng/ml



#8 DICHLORPROP

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 997765380
Conc: 672.26 ng/ml



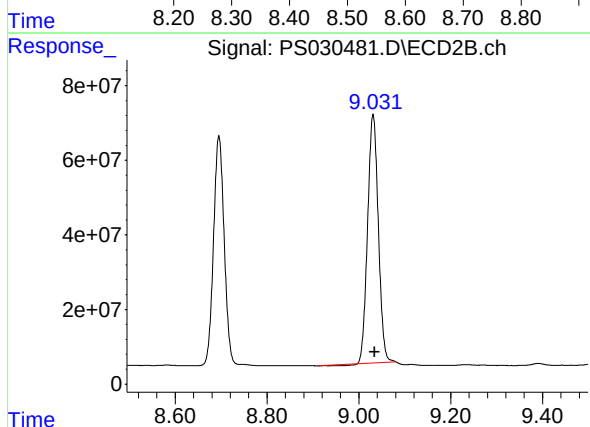
#9 2,4-D

R.T.: 8.514 min
Delta R.T.: 0.003 min
Response: 2588411056
Conc: 710.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

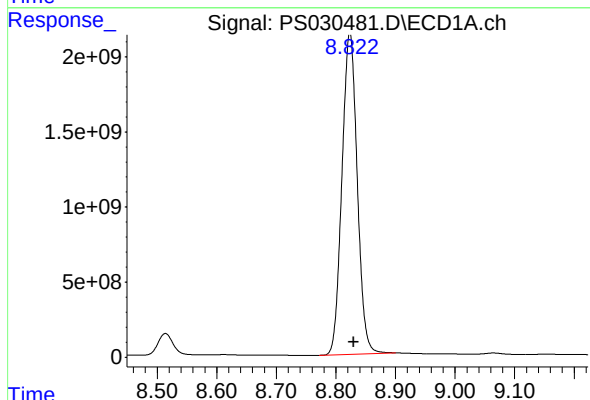
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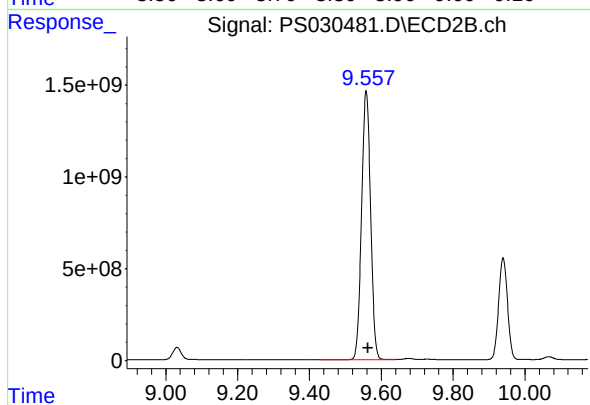
#9 2,4-D

R.T.: 9.031 min
Delta R.T.: -0.003 min
Response: 1072349642
Conc: 682.02 ng/ml



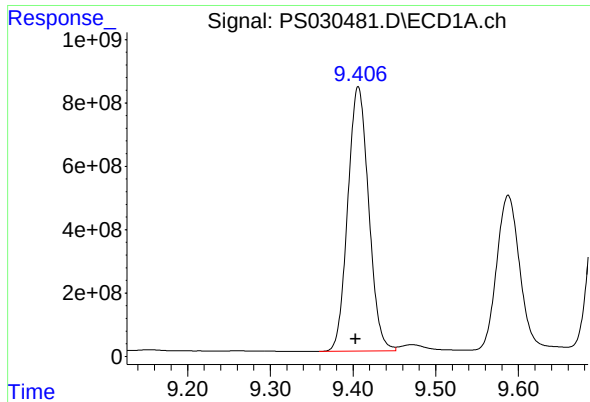
#10 Pentachlorophenol

R.T.: 8.823 min
Delta R.T.: -0.006 min
Response: 38130836938
Conc: 750.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 25498059608
Conc: 705.57 ng/ml



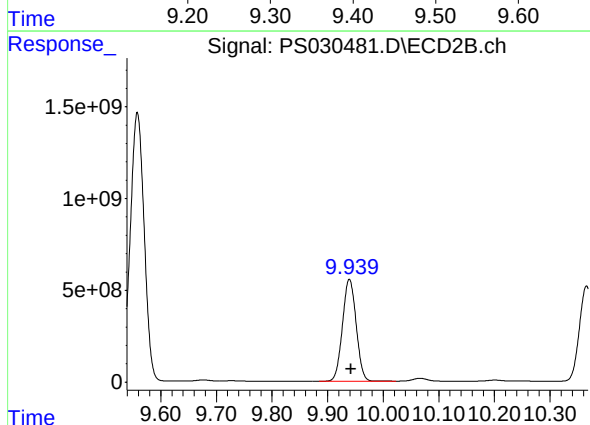
#11 2,4,5-TP (SILVEX)

R.T.: 9.406 min
Delta R.T.: 0.003 min
Response: 14651605930
Conc: 709.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

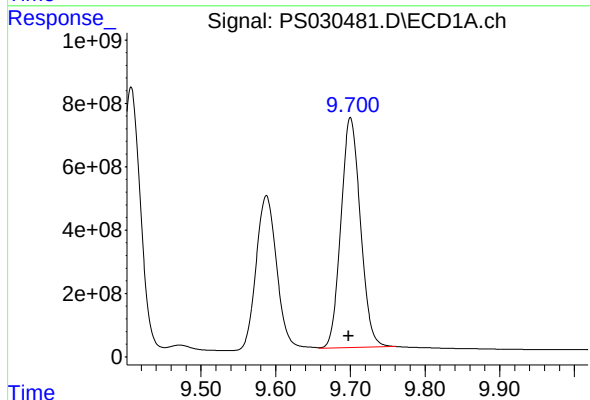
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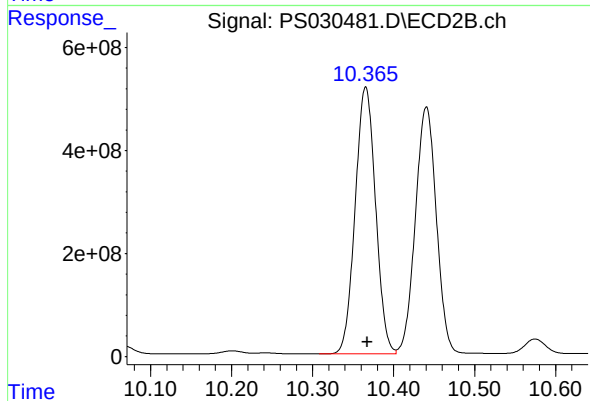
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min
Delta R.T.: -0.003 min
Response: 9473236191
Conc: 690.63 ng/ml



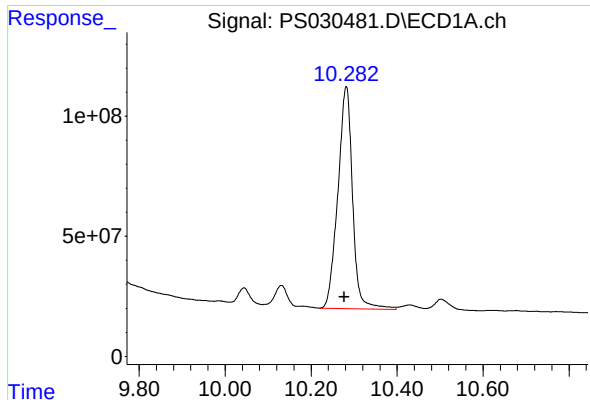
#12 2,4,5-T

R.T.: 9.700 min
Delta R.T.: 0.003 min
Response: 13151066580
Conc: 713.53 ng/ml



#12 2,4,5-T

R.T.: 10.366 min
Delta R.T.: -0.002 min
Response: 9065212692
Conc: 694.27 ng/ml



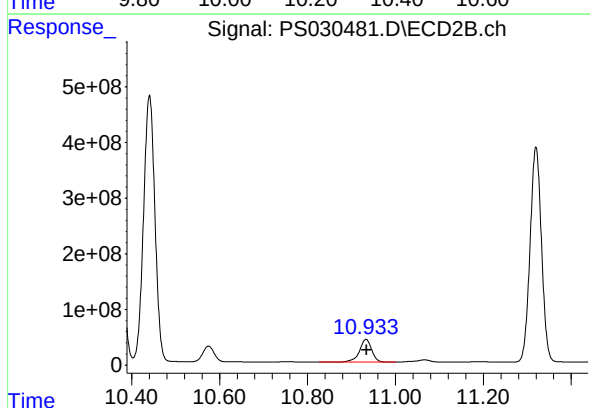
#13 2,4-DB

R.T.: 10.282 min
Delta R.T.: 0.004 min
Response: 2193044082
Conc: 722.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

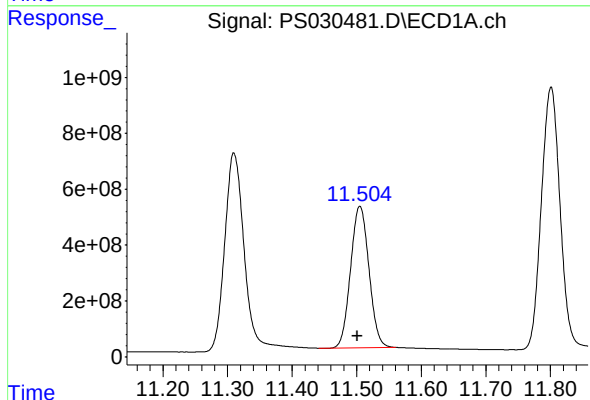
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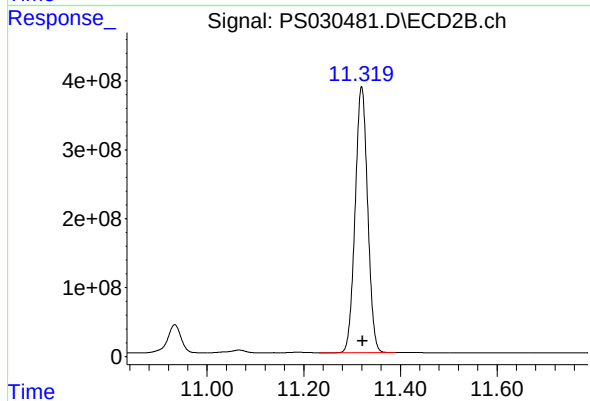
#13 2,4-DB

R.T.: 10.933 min
Delta R.T.: -0.002 min
Response: 785808946
Conc: 683.58 ng/ml



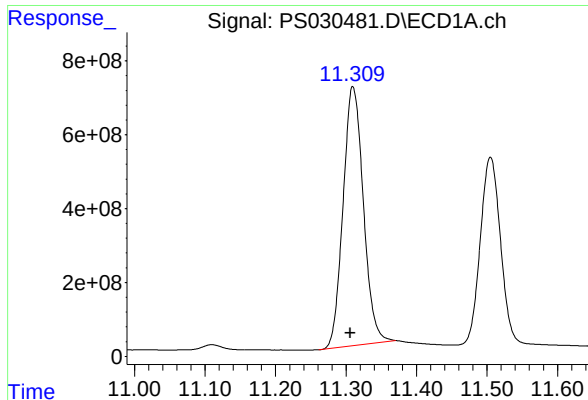
#14 DINOSEB

R.T.: 11.505 min
Delta R.T.: 0.004 min
Response: 10027585725
Conc: 697.57 ng/ml



#14 DINOSEB

R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 6923310895
Conc: 688.88 ng/ml



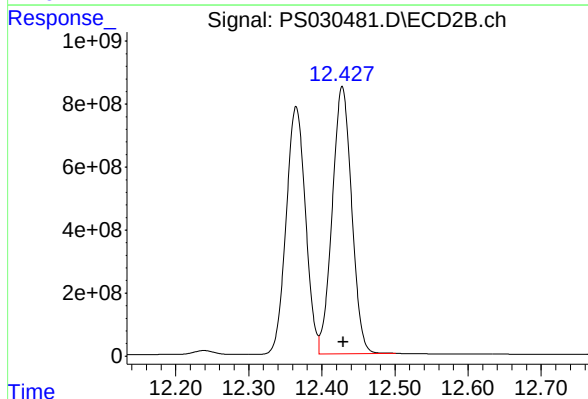
#15 Picloram

R.T.: 11.310 min
Delta R.T.: 0.003 min
Response: 14073547375
Conc: 703.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060425

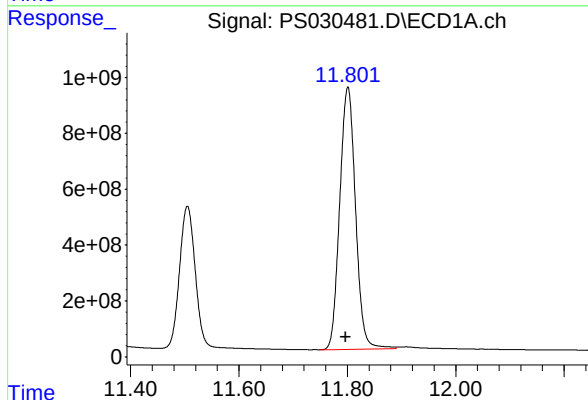
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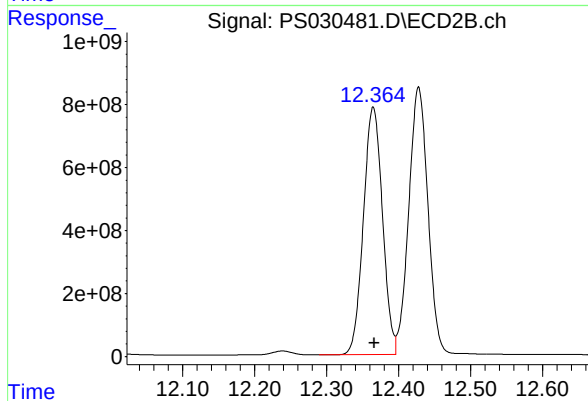
#15 Picloram

R.T.: 12.428 min
Delta R.T.: -0.002 min
Response: 15641129754
Conc: 708.26 ng/ml



#16 DCPA

R.T.: 11.801 min
Delta R.T.: 0.004 min
Response: 19004717317
Conc: 718.78 ng/ml



#16 DCPA

R.T.: 12.365 min
Delta R.T.: -0.002 min
Response: 14438006114
Conc: 705.57 ng/ml