

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS029993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 02:10
 Operator : AR\AJ
 Sample : PB167796BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167796BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 02:55:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.939	7.463	1505.9E6	448.0E6	611.871	635.936
Target Compounds							
1) T	Dalapon	2.449	2.523	2338.1E6	984.3E6	570.917	566.935
2) T	3,5-DICHL...	6.144	6.460	2032.9E6	572.7E6	568.841	585.857
3) T	4-Nitroph...	6.729	6.997	991.3E6	438.7E6	555.899	572.771
5) T	DICAMBA	7.116	7.649	5738.3E6	2401.0E6	579.463	607.845
6) T	MCP	7.294	7.756	365.4E6	100.6E6	56.706	57.497
7) T	MCPA	7.437	7.986	498.5E6	134.5E6	56.448	56.866
8) T	DICHLORPROP	7.796	8.342	1442.7E6	600.9E6	569.325	598.529
9) T	2,4-D	8.016	8.655	1626.2E6	672.1E6	578.124	596.331
10) T	Pentachlo...	8.294	9.156	20823.3E6	12742.4E6	596.913	626.322
11) T	2,4,5-TP ...	8.859	9.534	8201.6E6	5052.3E6	591.626	617.513
12) T	2,4,5-T	9.141	9.939	8369.2E6	4733.5E6	595.538	609.789
13) T	2,4-DB	9.700	10.497	1368.2E6	480.6E6	598.676	597.176
14) T	DINOSEB	10.862	10.871	5905.0E6	3485.4E6	580.430	597.744
15) T	Picloram	10.681	11.908	10806.5E6	7074.2E6	589.534	575.900m
16) T	DCPA	11.163	11.905	10227.9E6	6843.4E6	600.899	607.138m

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

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Acq On : 01 May 2025 02:10
Operator : AR\AJ
Sample : PB167796BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

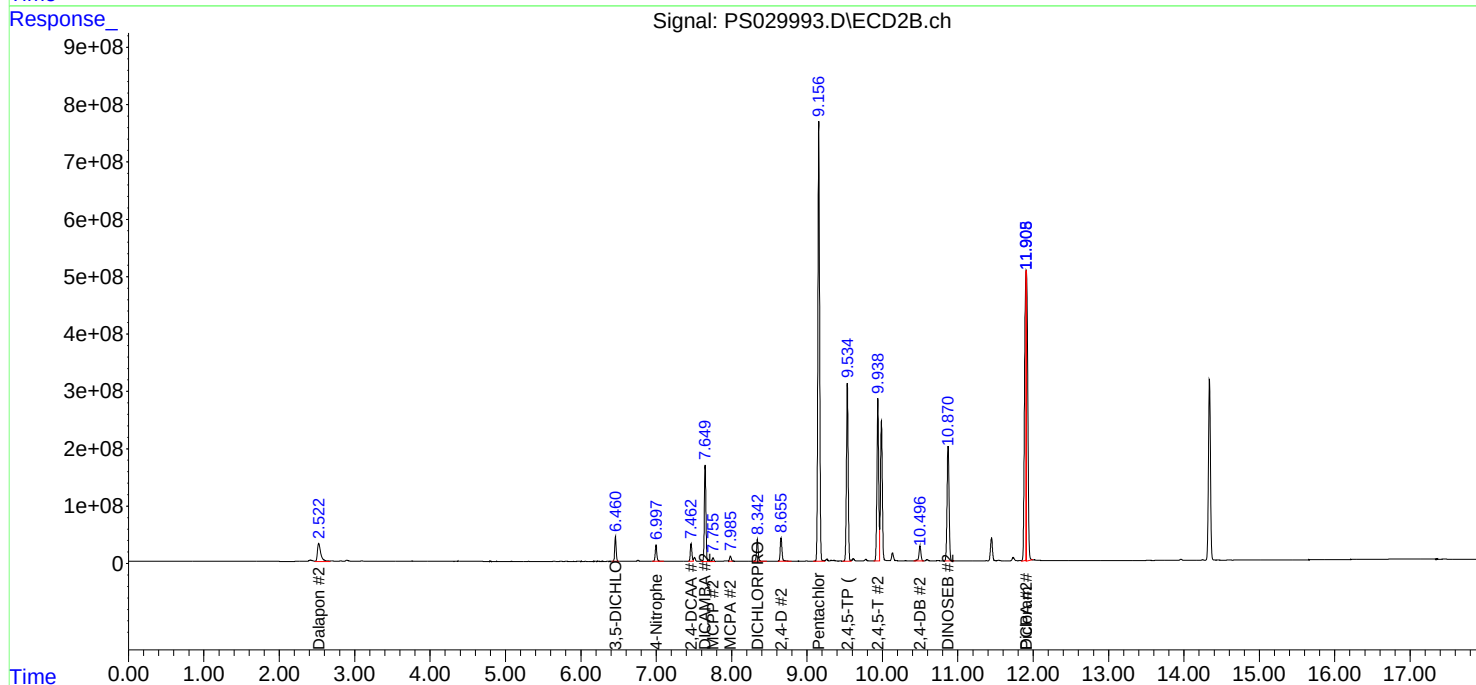
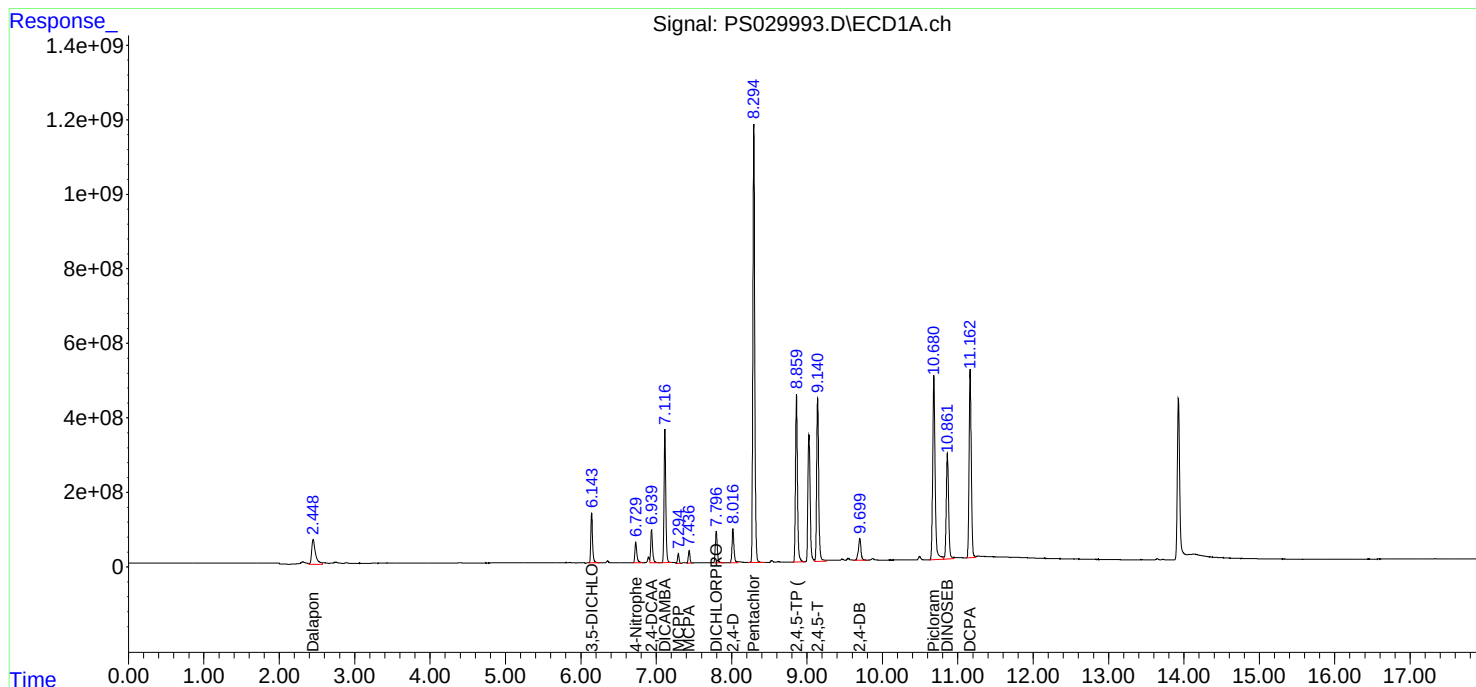
Instrument :
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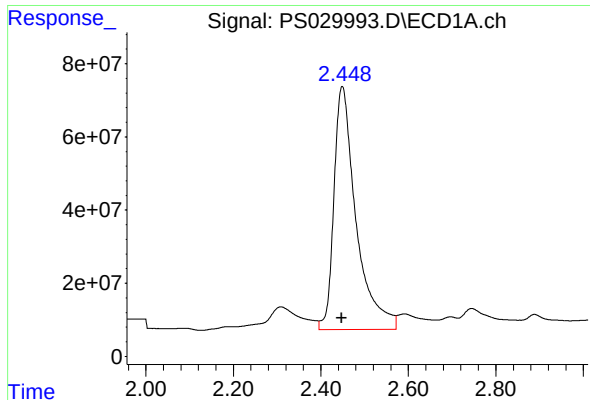
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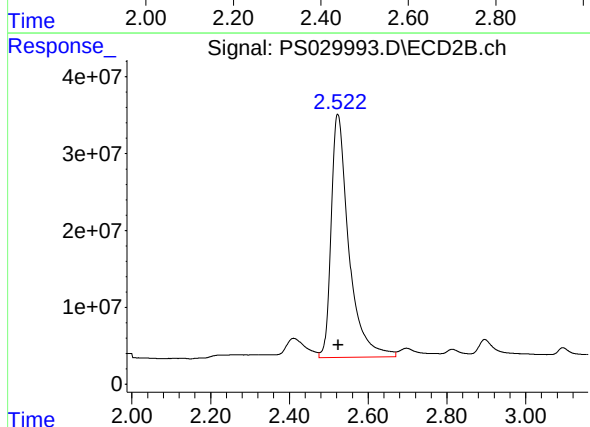
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 2338053572
Conc: 570.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

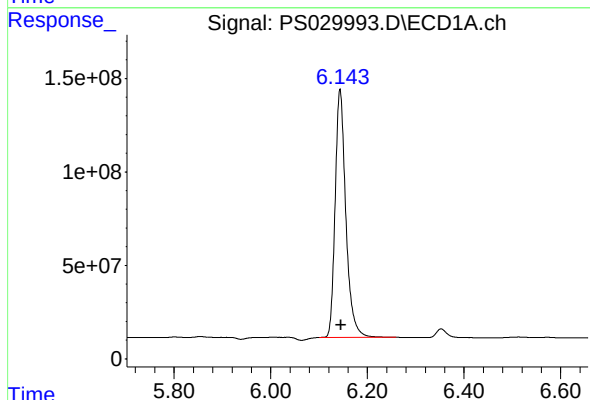
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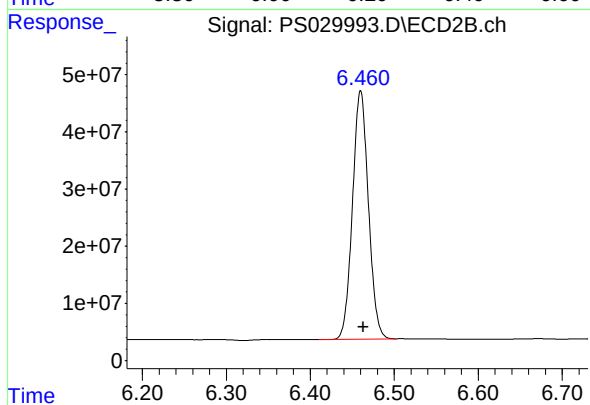
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 984280451
Conc: 566.93 ng/ml



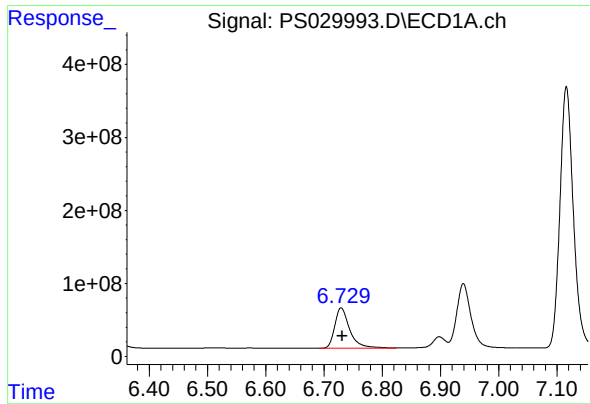
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 2032916169
Conc: 568.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 572721811
Conc: 585.86 ng/ml



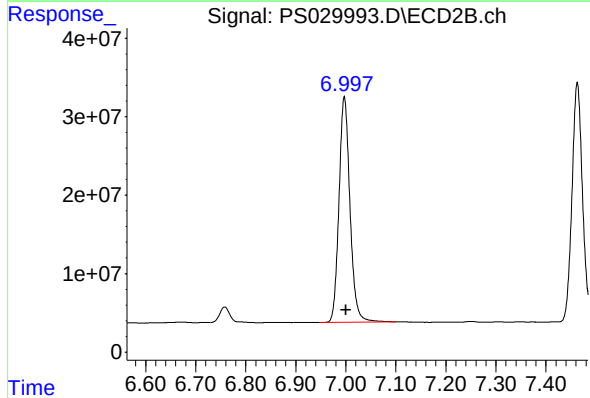
#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 991346488
Conc: 555.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

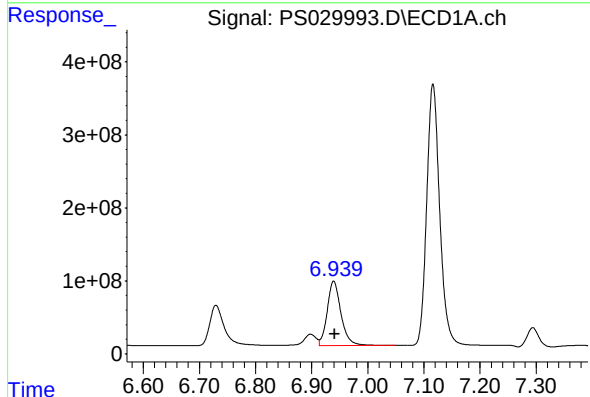
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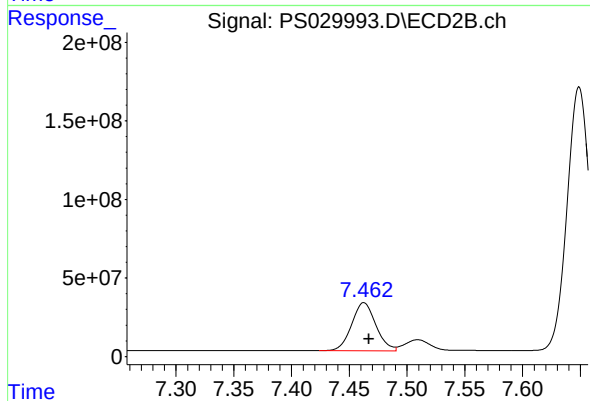
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 438697372
Conc: 572.77 ng/ml



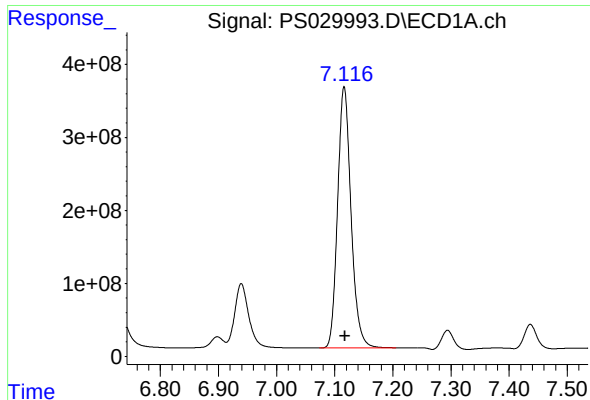
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1505862262
Conc: 611.87 ng/ml



#4 2,4-DCAA

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 448028024
Conc: 635.94 ng/ml



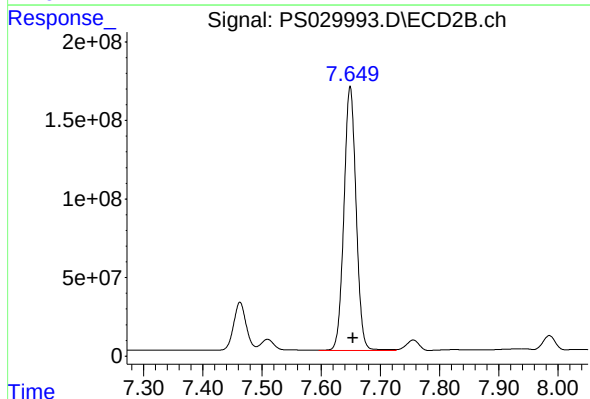
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 5738348049
Conc: 579.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

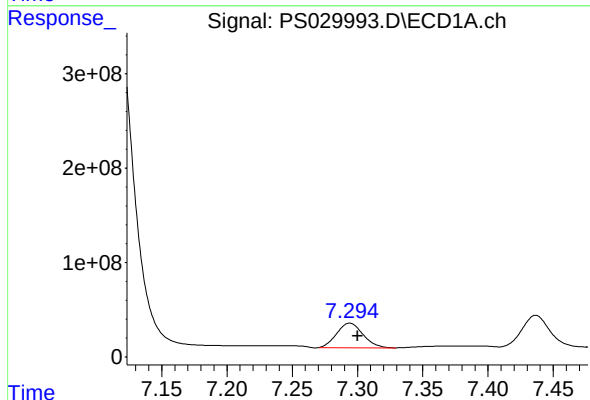
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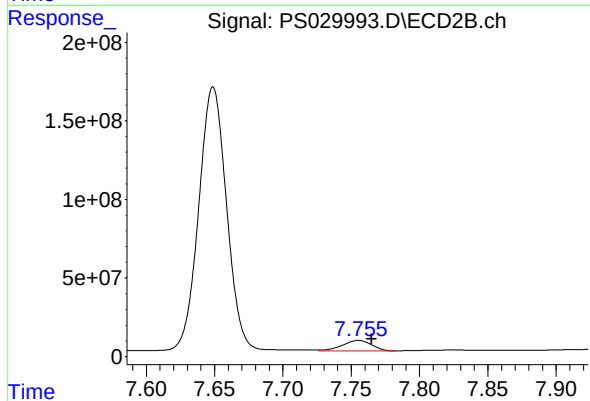
#5 DICAMBA

R.T.: 7.649 min
Delta R.T.: -0.005 min
Response: 2401027009
Conc: 607.85 ng/ml



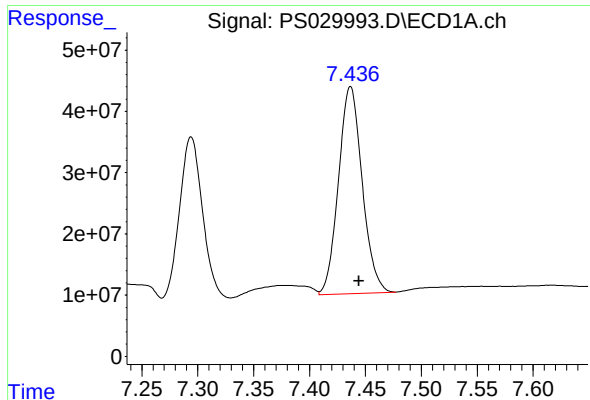
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 365390433
Conc: 56.71 ug/ml



#6 MCPP

R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 100559372
Conc: 57.50 ug/ml



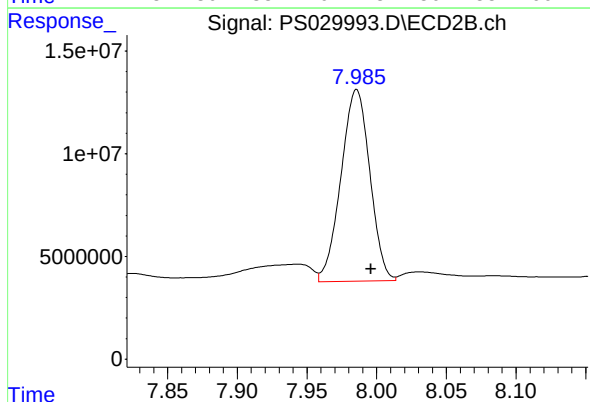
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 498516561
Conc: 56.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

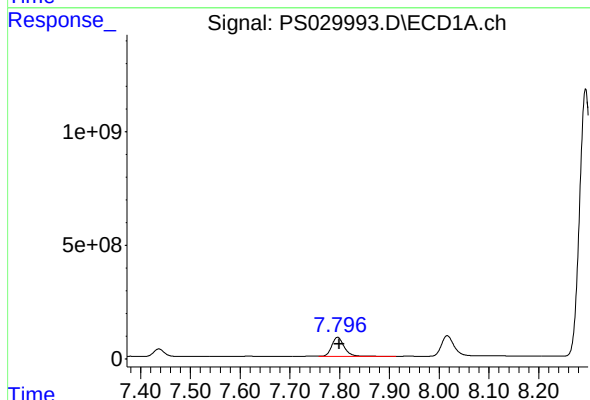
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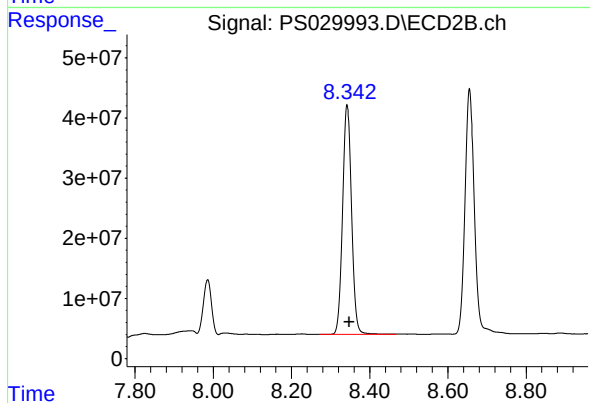
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 134533329
Conc: 56.87 ug/ml



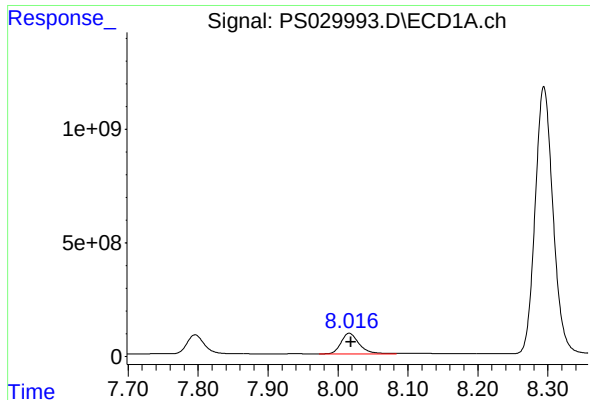
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 1442730549
Conc: 569.32 ng/ml



#8 DICHLORPROP

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 600901836
Conc: 598.53 ng/ml



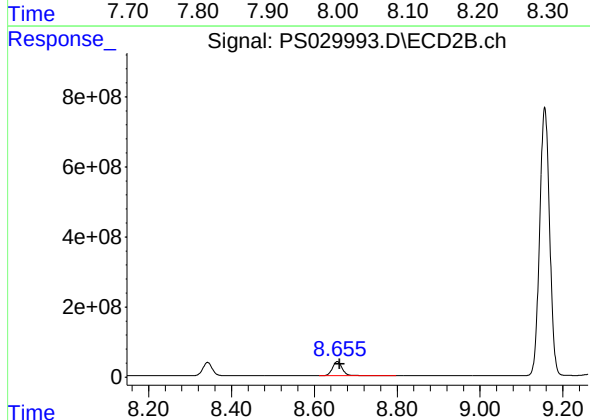
#9 2,4-D

R.T.: 8.016 min
Delta R.T.: -0.003 min
Response: 1626186842
Conc: 578.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

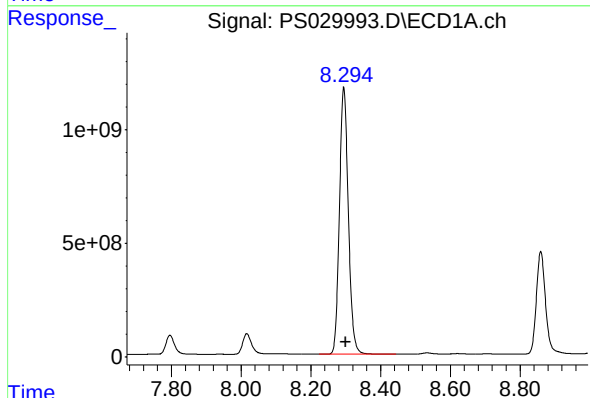
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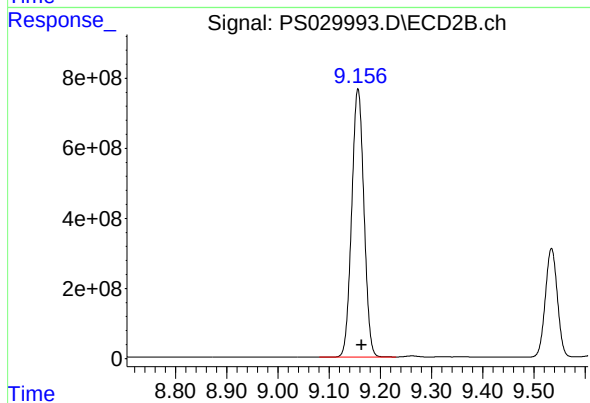
#9 2,4-D

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 672129353
Conc: 596.33 ng/ml



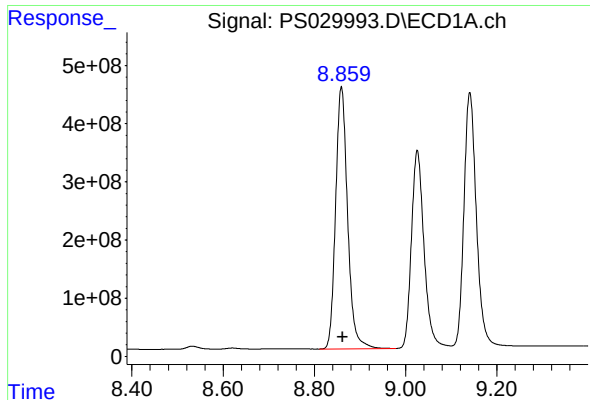
#10 Pentachlorophenol

R.T.: 8.294 min
Delta R.T.: -0.005 min
Response: 20823321615
Conc: 596.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.156 min
Delta R.T.: -0.007 min
Response: 12742400611
Conc: 626.32 ng/ml



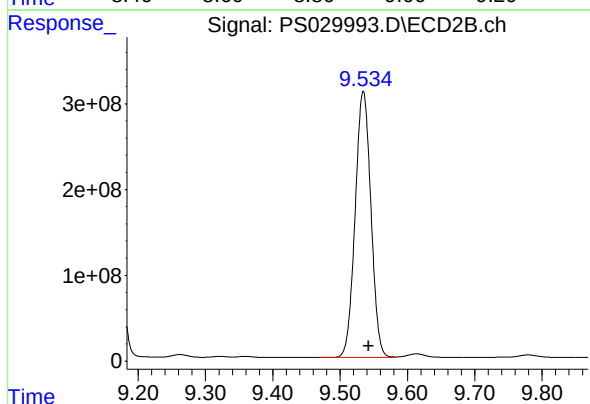
#11 2,4,5-TP (SILVEX)

R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 8201617896
Conc: 591.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

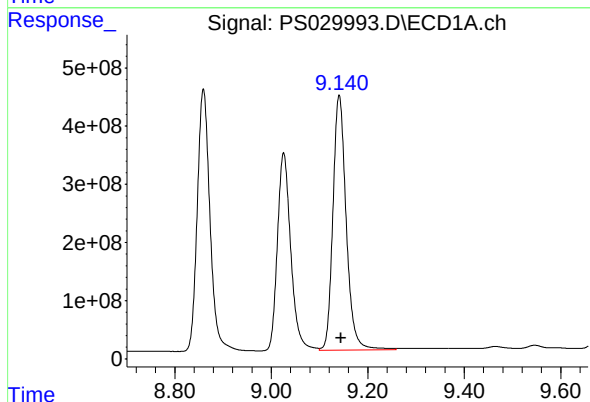
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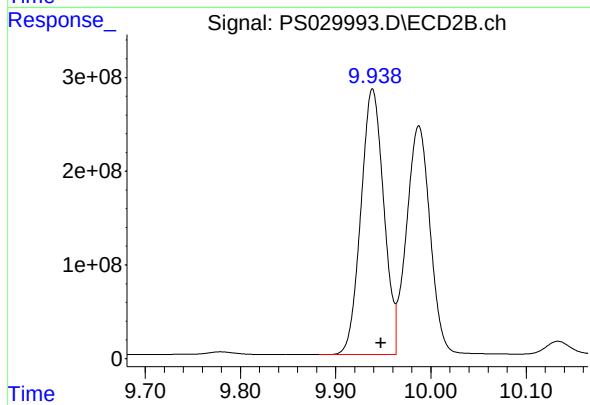
#11 2,4,5-TP (SILVEX)

R.T.: 9.534 min
Delta R.T.: -0.008 min
Response: 5052336668
Conc: 617.51 ng/ml



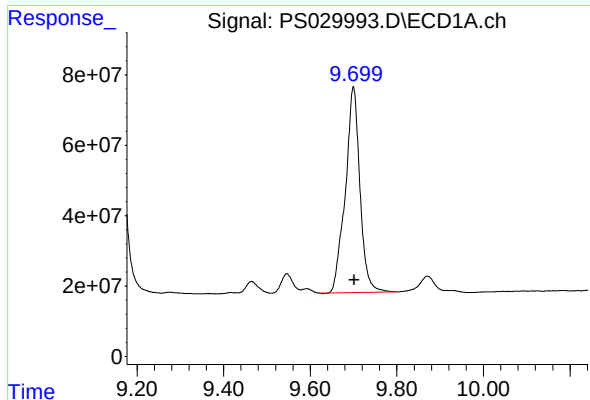
#12 2,4,5-T

R.T.: 9.141 min
Delta R.T.: -0.003 min
Response: 8369152850
Conc: 595.54 ng/ml



#12 2,4,5-T

R.T.: 9.939 min
Delta R.T.: -0.009 min
Response: 4733547004
Conc: 609.79 ng/ml



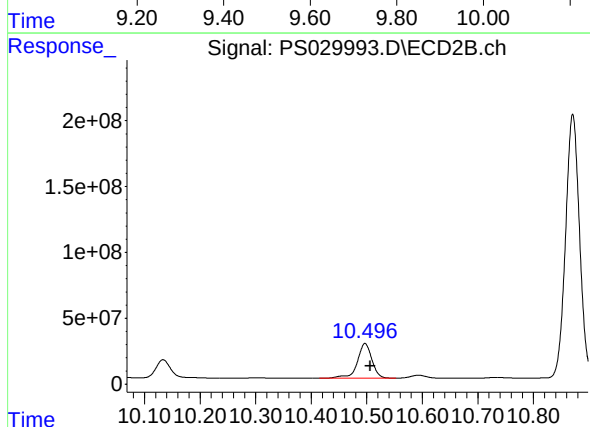
#13 2,4-DB

R.T.: 9.700 min
Delta R.T.: -0.002 min
Response: 1368186689
Conc: 598.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167796BS

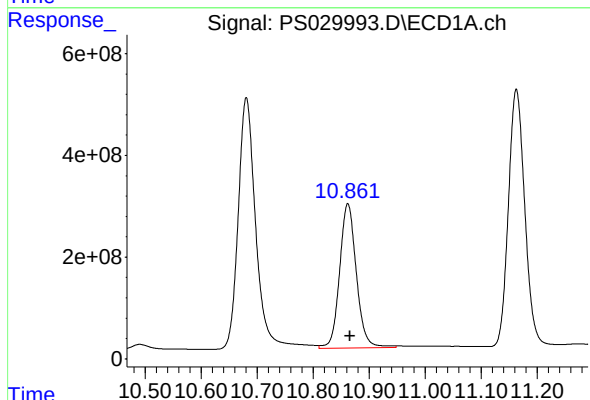
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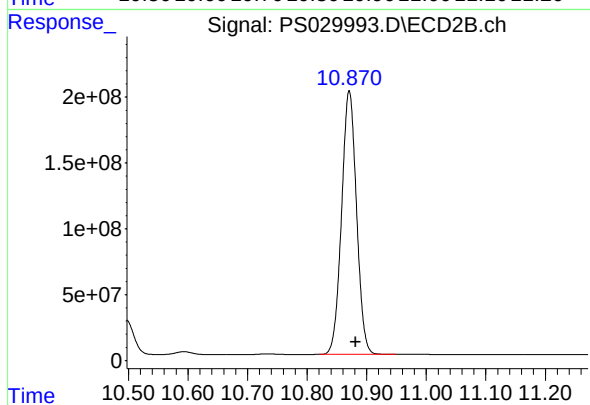
#13 2,4-DB

R.T.: 10.497 min
Delta R.T.: -0.010 min
Response: 480632600
Conc: 597.18 ng/ml



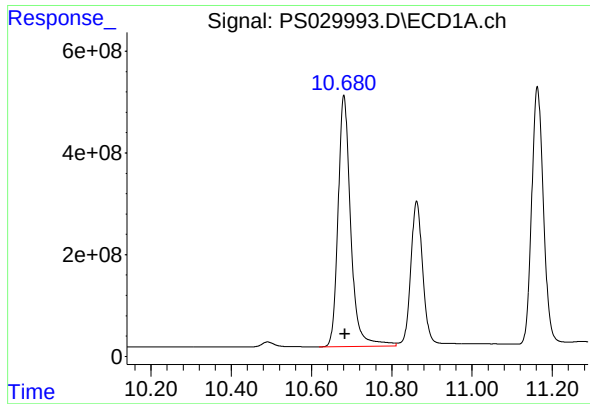
#14 DINOSEB

R.T.: 10.862 min
Delta R.T.: -0.004 min
Response: 5904962704
Conc: 580.43 ng/ml



#14 DINOSEB

R.T.: 10.871 min
Delta R.T.: -0.010 min
Response: 3485436486
Conc: 597.74 ng/ml



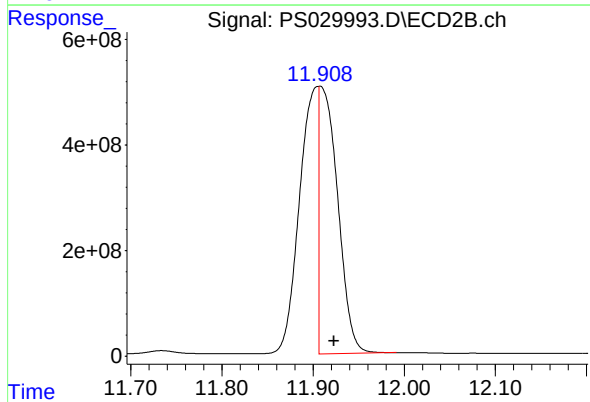
#15 Picloram

R.T.: 10.681 min
Delta R.T.: -0.003 min
Response: 10806523314
Conc: 589.53 ng/ml

Instrument :
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ClientSampleId :
PB167796BS

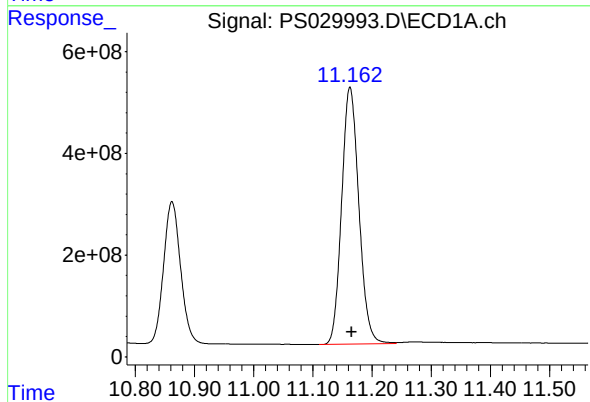
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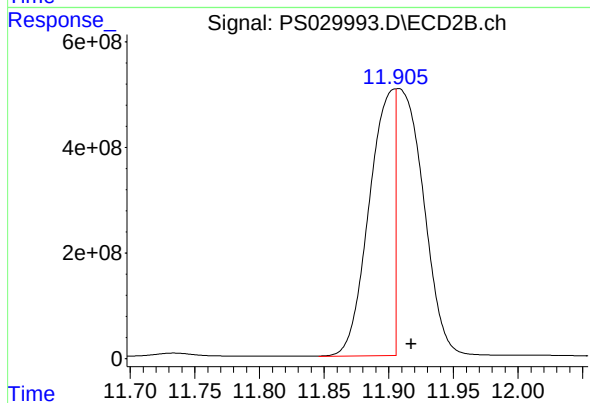
#15 Picloram

R.T.: 11.908 min
Delta R.T.: -0.015 min
Response: 7074150390
Conc: 575.90 ng/ml m



#16 DCPA

R.T.: 11.163 min
Delta R.T.: -0.003 min
Response: 10227906342
Conc: 600.90 ng/ml



#16 DCPA

R.T.: 11.905 min
Delta R.T.: -0.012 min
Response: 6843448790
Conc: 607.14 ng/ml m