

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042825\
 Data File : PS029959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 16:41
 Operator : AR\AJ
 Sample : PB167759BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167759BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:36:19 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	1491.8E6	435.7E6	606.144	618.463
Target Compounds							
1) T	Dalapon	2.449	2.524	2349.5E6	973.8E6	573.709	560.915
2) T	3,5-DICHL...	6.144	6.460	2020.9E6	563.7E6	565.483	576.649
3) T	4-Nitroph...	6.730	6.997	973.5E6	426.1E6	545.913	556.271
5) T	DICAMBA	7.116	7.649	5680.8E6	2319.6E6	573.653	587.220
6) T	MCPD	7.294	7.755	356.2E6	98985971	55.286	56.597
7) T	MCPA	7.437	7.986	487.8E6	128.2E6	55.234	54.177
8) T	DICHLORPROP	7.796	8.342	1421.4E6	583.4E6	560.908	581.061
9) T	2,4-D	8.017	8.656	1597.0E6	651.2E6	567.752	577.799
10) T	Pentachlo...	8.294	9.157	20665.7E6	12359.4E6	592.395	607.495
11) T	2,4,5-TP ...	8.860	9.535	8107.8E6	4907.0E6	584.858	599.744
12) T	2,4,5-T	9.141	9.940	8238.4E6	4588.8E6	586.232	591.145
13) T	2,4-DB	9.699	10.498	1323.1E6	475.7E6	578.962	591.086
14) T	DINOSEB	10.862	10.872	5810.1E6	3373.7E6	571.104	578.578
15) T	Picloram	10.681	11.909	10426.5E6	7417.6E6	568.805	603.860m
16) T	DCPA	11.164	11.908	10113.7E6	7057.6E6	594.190	626.135m

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

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Operator : AR\AJ
Sample : PB167759BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

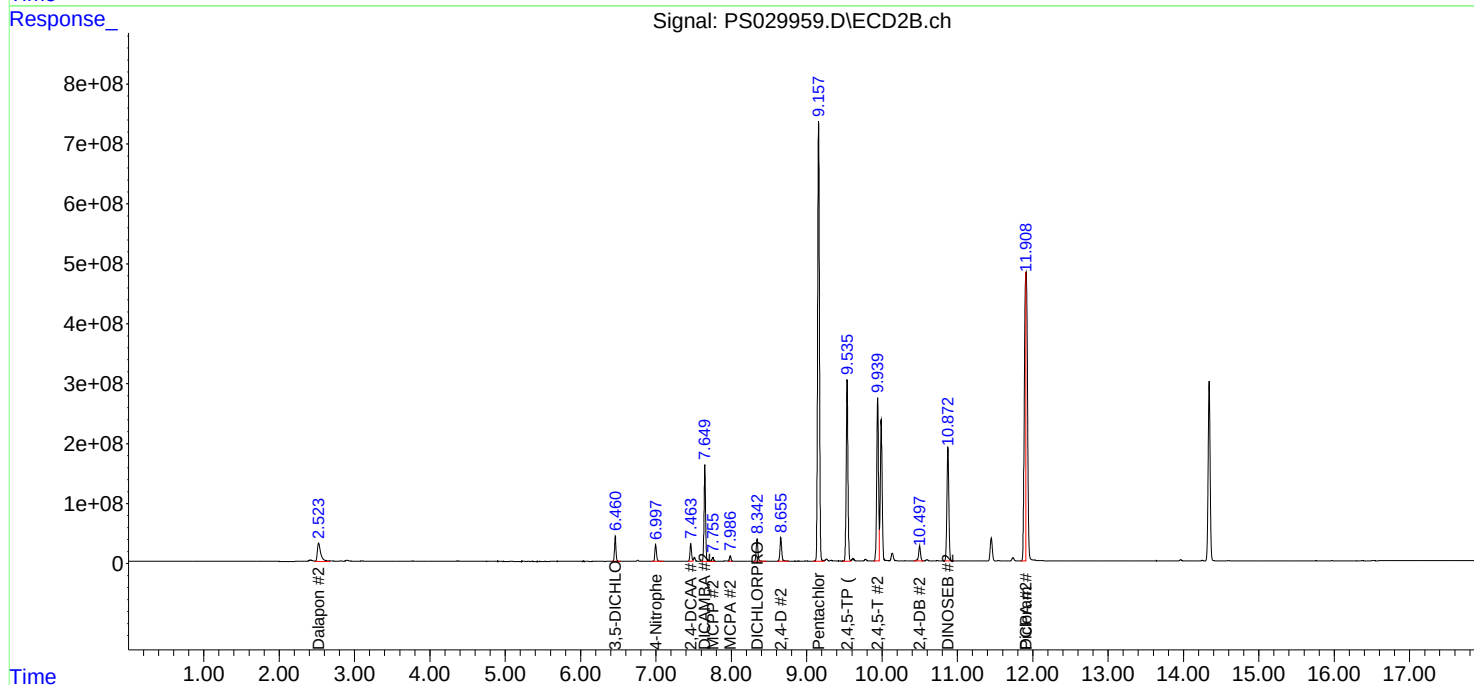
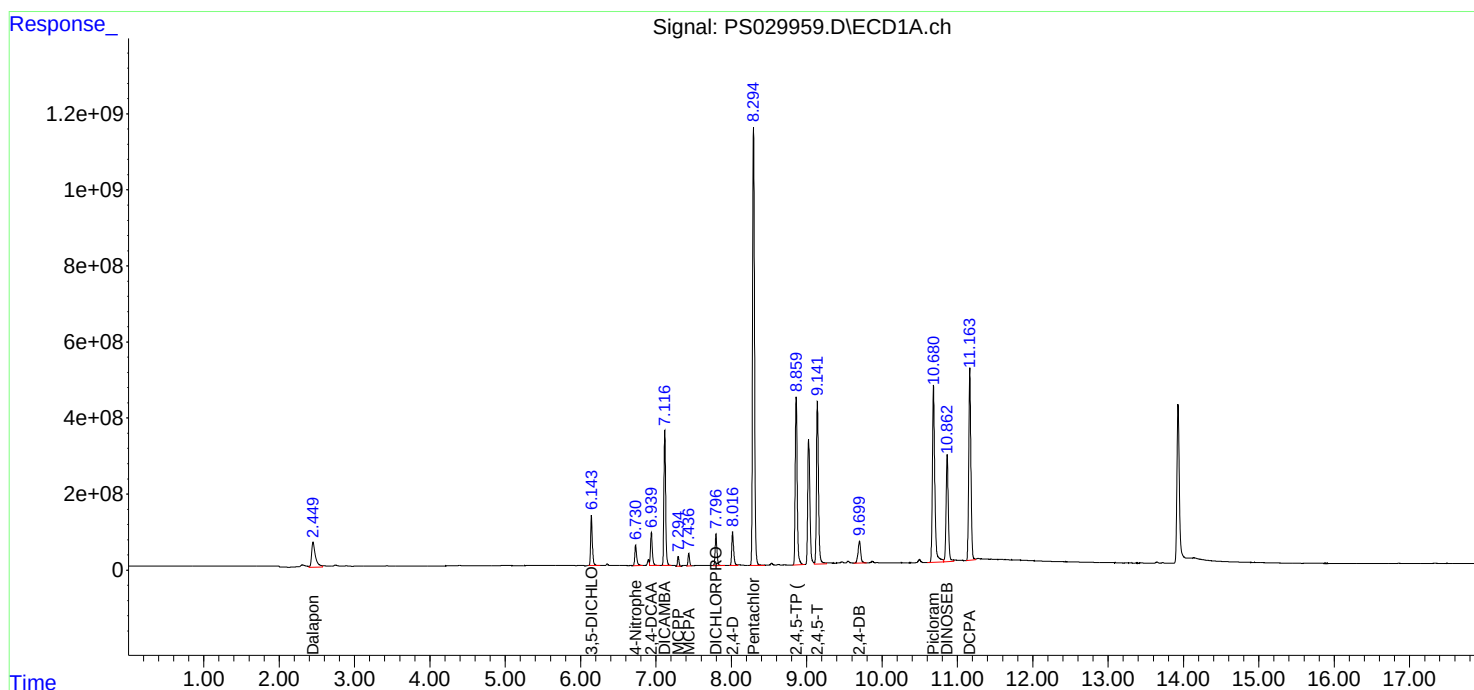
Instrument :
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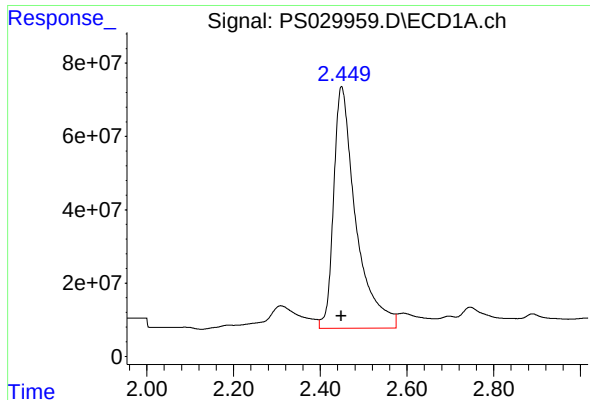
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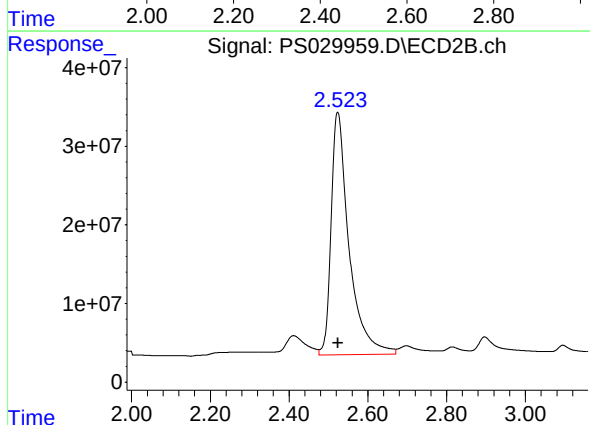
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2349488930
Conc: 573.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167759BS

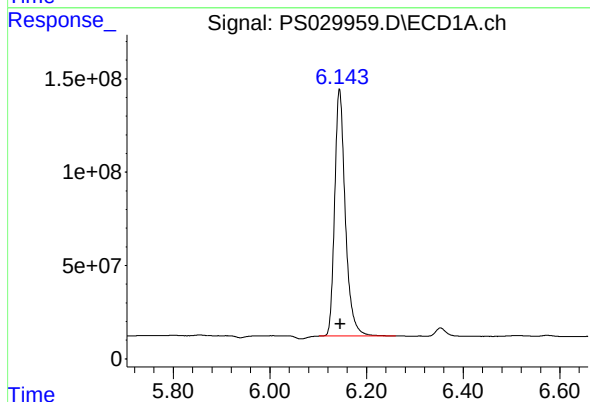
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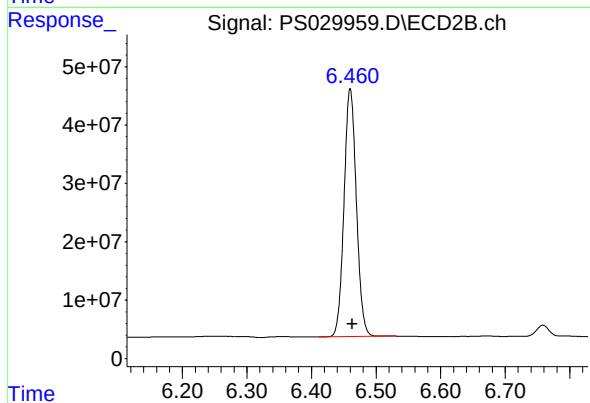
#1 Dalapon

R.T.: 2.524 min
Delta R.T.: 0.000 min
Response: 973828986
Conc: 560.91 ng/ml



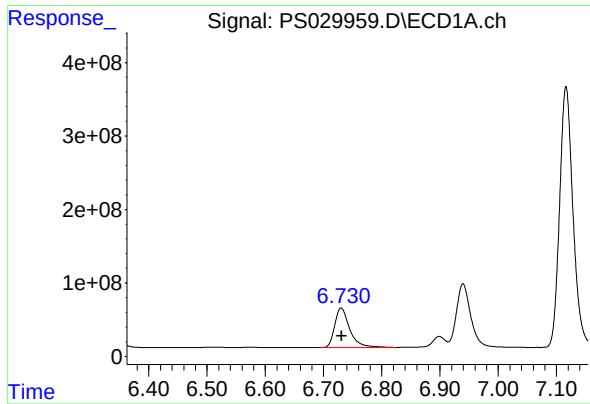
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 2020915218
Conc: 565.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 563719975
Conc: 576.65 ng/ml



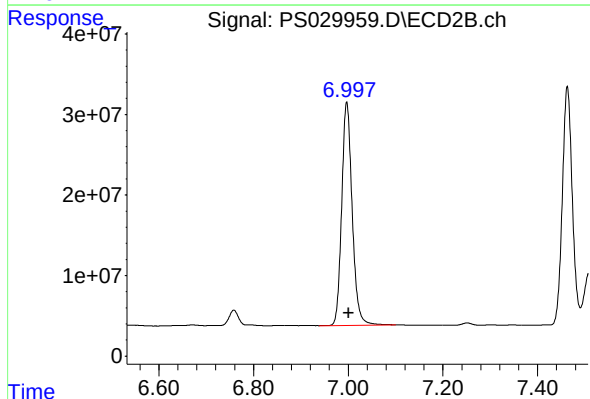
#3 4-Nitrophenol

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 973538274
Conc: 545.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167759BS

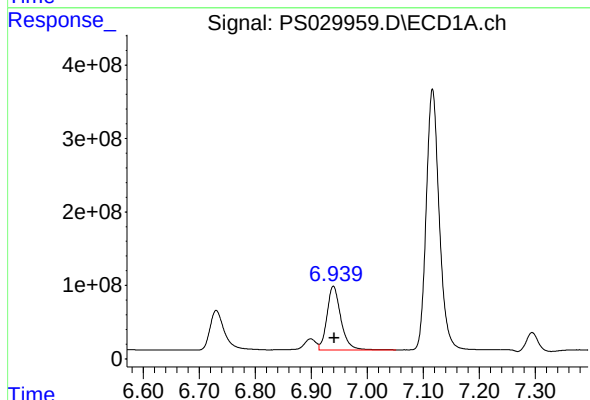
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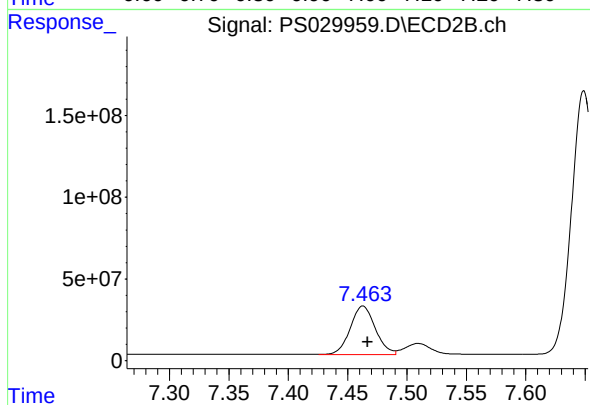
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 426060117
Conc: 556.27 ng/ml



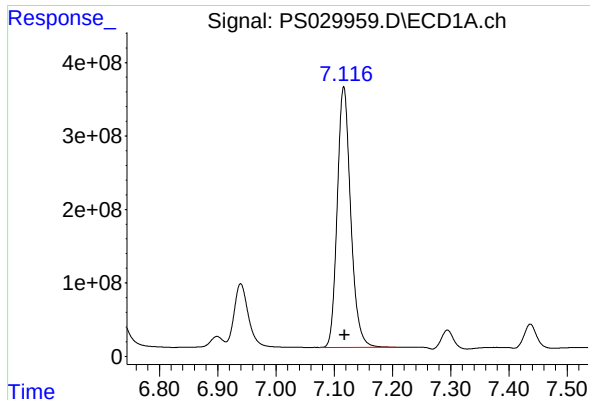
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1491769098
Conc: 606.14 ng/ml



#4 2,4-DCAA

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 435717773
Conc: 618.46 ng/ml



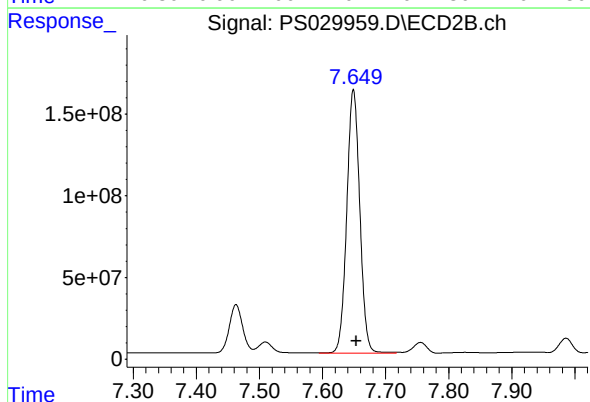
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.001 min
Response: 5680812543
Conc: 573.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167759BS

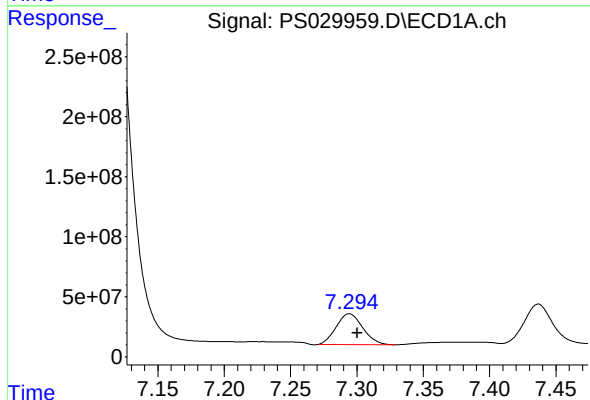
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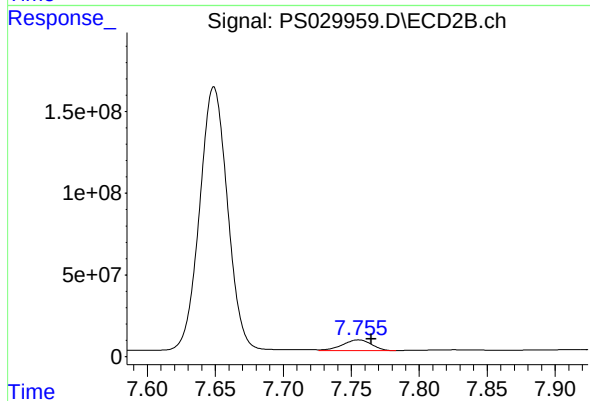
#5 DICAMBA

R.T.: 7.649 min
Delta R.T.: -0.005 min
Response: 2319555032
Conc: 587.22 ng/ml



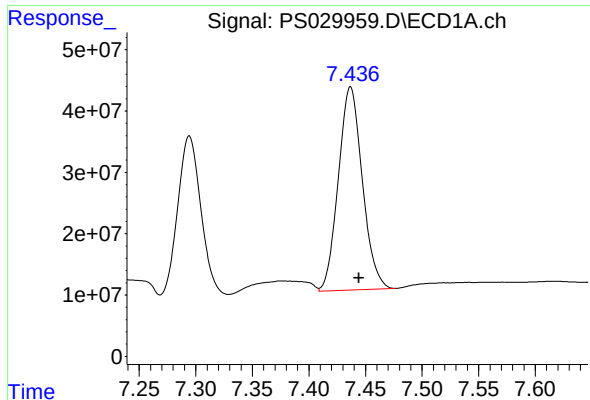
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 356244286
Conc: 55.29 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 98985971
Conc: 56.60 ug/ml



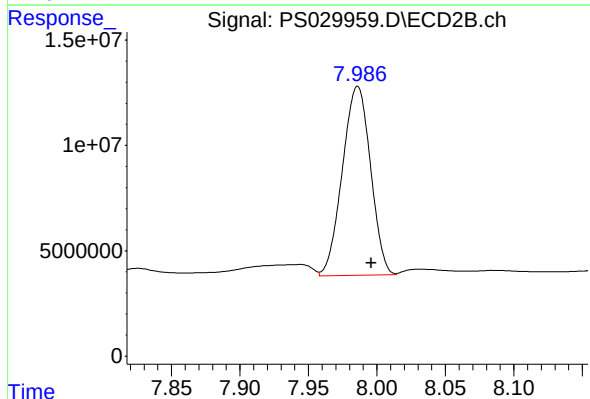
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 487794389
Conc: 55.23 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167759BS

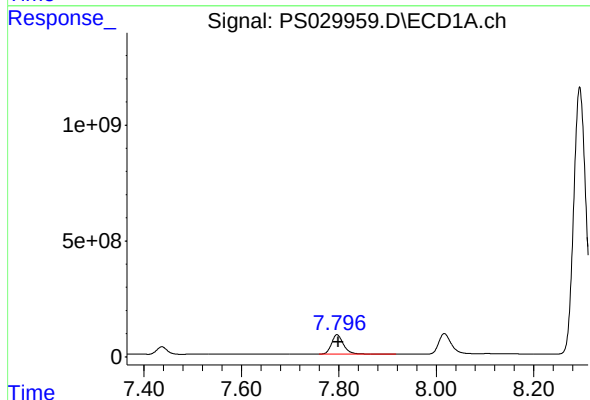
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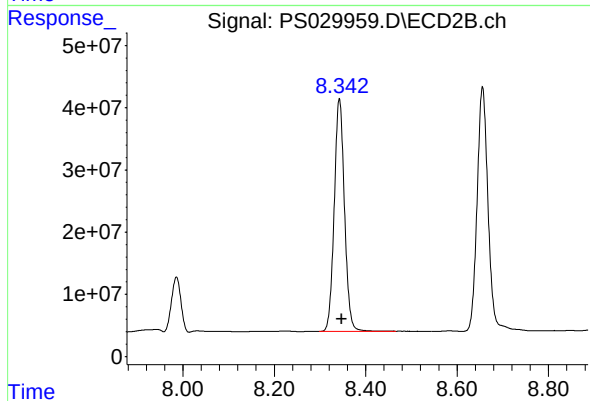
#7 MCPA

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 128170964
Conc: 54.18 ug/ml



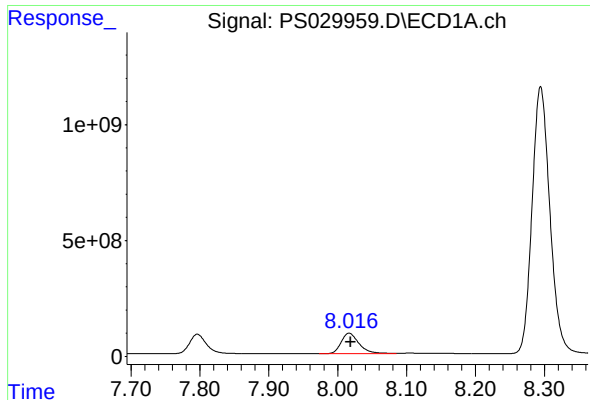
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 1421402390
Conc: 560.91 ng/ml



#8 DICHLORPROP

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 583364598
Conc: 581.06 ng/ml



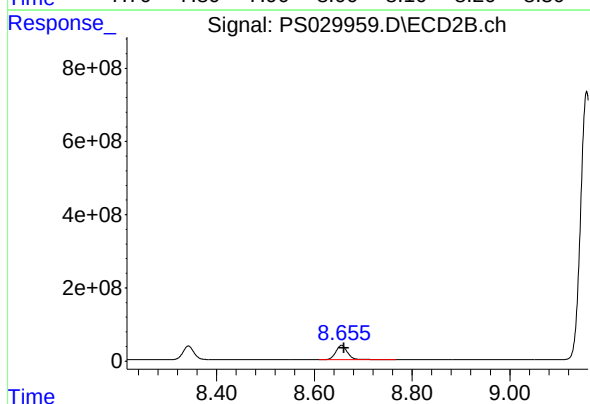
#9 2,4-D

R.T.: 8.017 min
Delta R.T.: -0.002 min
Response: 1597012019
Conc: 567.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167759BS

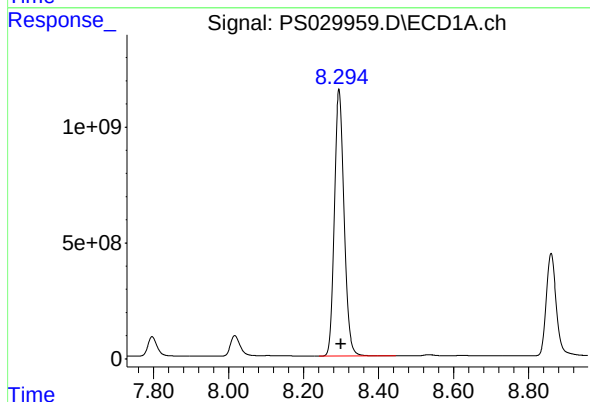
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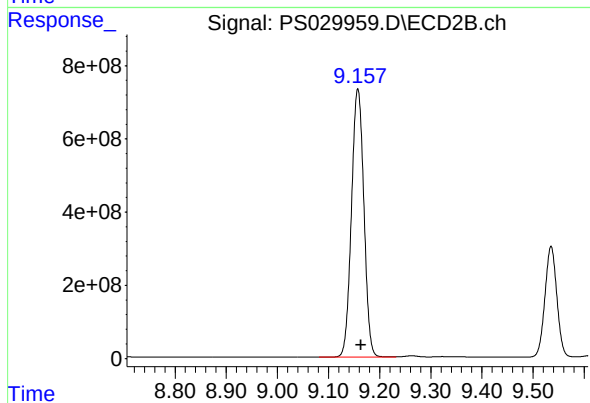
#9 2,4-D

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 651240811
Conc: 577.80 ng/ml



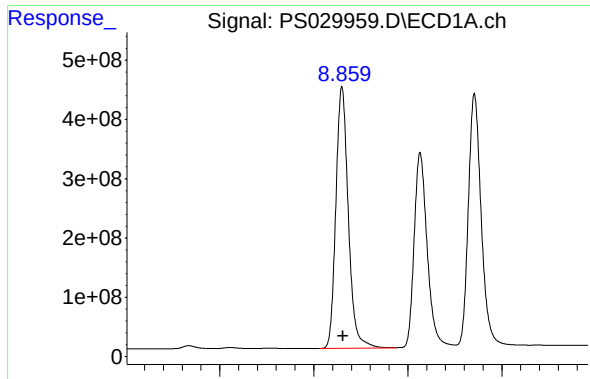
#10 Pentachlorophenol

R.T.: 8.294 min
Delta R.T.: -0.005 min
Response: 20665693476
Conc: 592.39 ng/ml



#10 Pentachlorophenol

R.T.: 9.157 min
Delta R.T.: -0.006 min
Response: 12359366978
Conc: 607.49 ng/ml



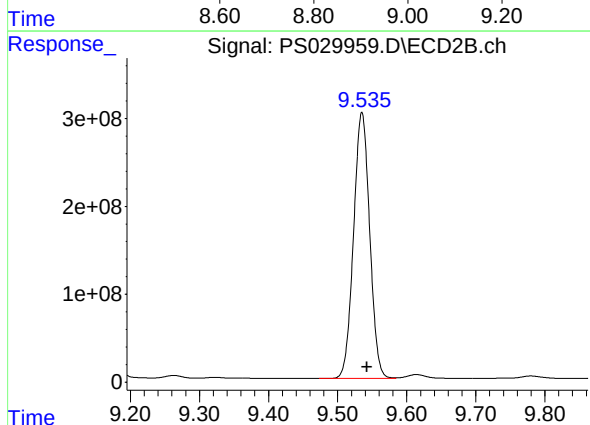
#11 2,4,5-TP (SILVEX)

R.T.: 8.860 min
Delta R.T.: -0.002 min
Response: 8107797700
Conc: 584.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167759BS

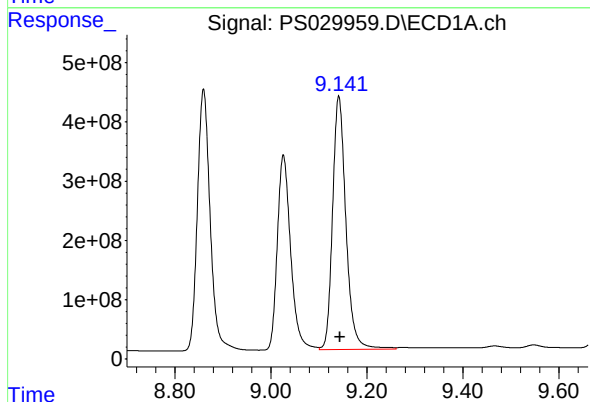
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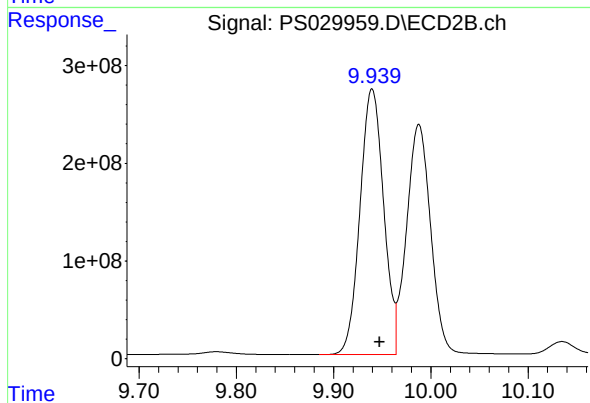
#11 2,4,5-TP (SILVEX)

R.T.: 9.535 min
Delta R.T.: -0.007 min
Response: 4906956028
Conc: 599.74 ng/ml



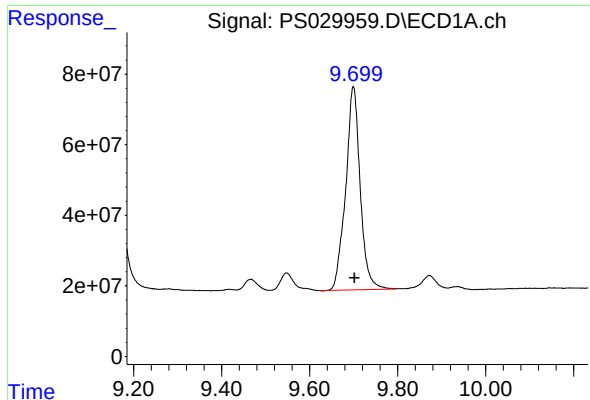
#12 2,4,5-T

R.T.: 9.141 min
Delta R.T.: -0.003 min
Response: 8238387050
Conc: 586.23 ng/ml



#12 2,4,5-T

R.T.: 9.940 min
Delta R.T.: -0.008 min
Response: 4588818841
Conc: 591.14 ng/ml



#13 2,4-DB

R.T.: 9.699 min
Delta R.T.: -0.003 min
Response: 1323135075
Conc: 578.96 ng/ml

Instrument :

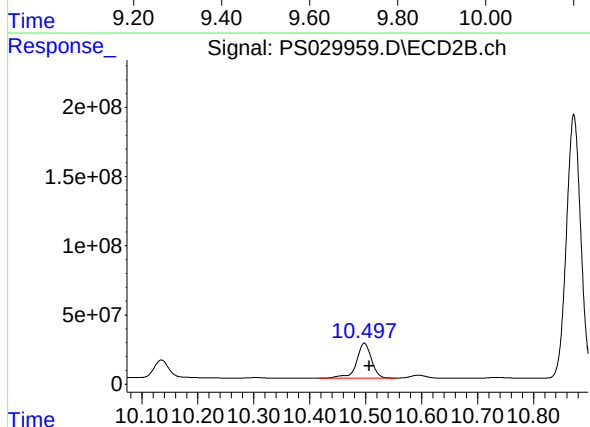
ECD_S

ClientSampleId :

PB167759BS

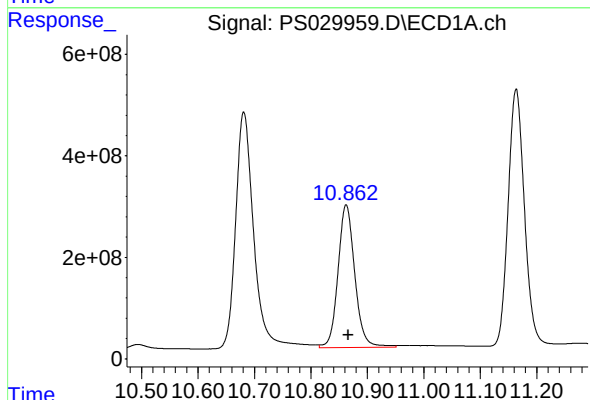
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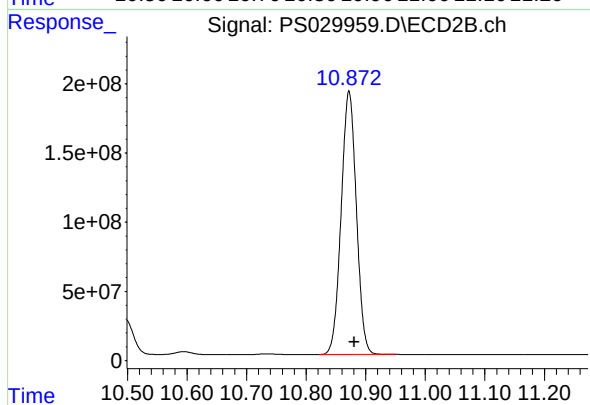
#13 2,4-DB

R.T.: 10.498 min
Delta R.T.: -0.009 min
Response: 475731079
Conc: 591.09 ng/ml



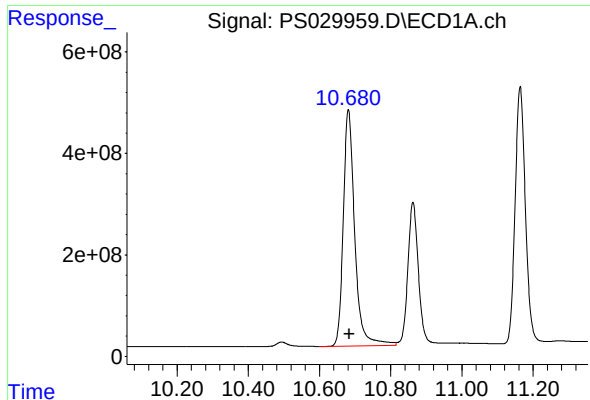
#14 DINOSEB

R.T.: 10.862 min
Delta R.T.: -0.004 min
Response: 5810081279
Conc: 571.10 ng/ml



#14 DINOSEB

R.T.: 10.872 min
Delta R.T.: -0.009 min
Response: 3373678186
Conc: 578.58 ng/ml



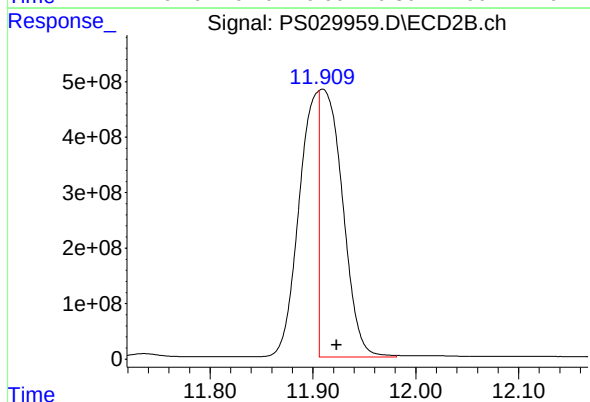
#15 Picloram

R.T.: 10.681 min
Delta R.T.: -0.003 min
Response: 10426545528
Conc: 568.80 ng/ml

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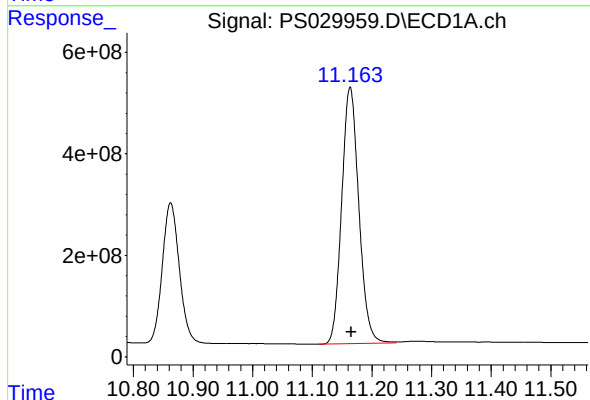
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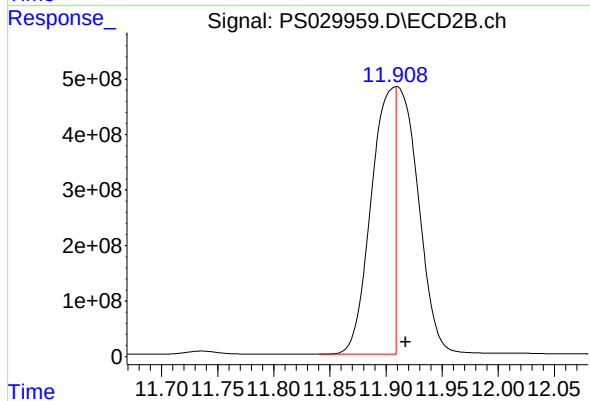
#15 Picloram

R.T.: 11.909 min
Delta R.T.: -0.014 min
Response: 7417598942
Conc: 603.86 ng/ml m



#16 DCPA

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 10113704614
Conc: 594.19 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.009 min
Response: 7057577008
Conc: 626.14 ng/ml m