

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS111824\
 Data File : PS028550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 17:06
 Operator : AR\AJ
 Sample : PB165048BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB165048BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 02:41:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 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 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	7.236	7.736	1552.8E6	676.2E6	607.558	523.216
Target Compounds							
1) T	Dalapon	2.639	2.700	1148.7E6	918.8E6	341.936	379.699
2) T	3,5-DICHL...	6.407	6.691	2064.6E6	927.6E6	553.326	480.040
3) T	4-Nitroph...	7.035	7.262	747.8E6	367.9E6	440.273	426.138
5) T	DICAMBA	7.424	7.936	5644.8E6	2813.2E6	515.882	493.195
6) T	MCP	7.605	8.037	354.8E6	203.9E6	50.437	47.397
7) T	MCPA	7.755	8.282	509.9E6	297.4E6	49.967	48.015
8) T	DICHLORPROP	8.132	8.652	1567.1E6	726.1E6	530.963	497.156
9) T	2,4-D	8.363	8.982	1873.1E6	867.3E6	585.893	554.018
10) T	Pentachlo...	8.662	9.510	24995.9E6	11073.2E6	598.904	552.406
11) T	2,4,5-TP ...	9.241	9.887	10232.1E6	4726.1E6	589.042	560.079
12) T	2,4,5-T	9.534	10.308	9466.6E6	4285.8E6	532.591	511.289
13) T	2,4-DB	10.109	10.874	1348.4E6	532.2E6	494.721	507.976
14) T	DINOSEB	11.321	11.254	5795.7E6	2017.2E6	406.493	364.873
15) T	Picloram	11.128	12.349	11828.8E6	4361.3E6	420.060	385.309
16) T	DCPA	11.612	12.298	10882.3E6	5189.8E6	413.566m	535.114m#

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

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Operator : AR\AJ
Sample : PB165048BS
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ALS Vial : 5 Sample Multiplier: 1

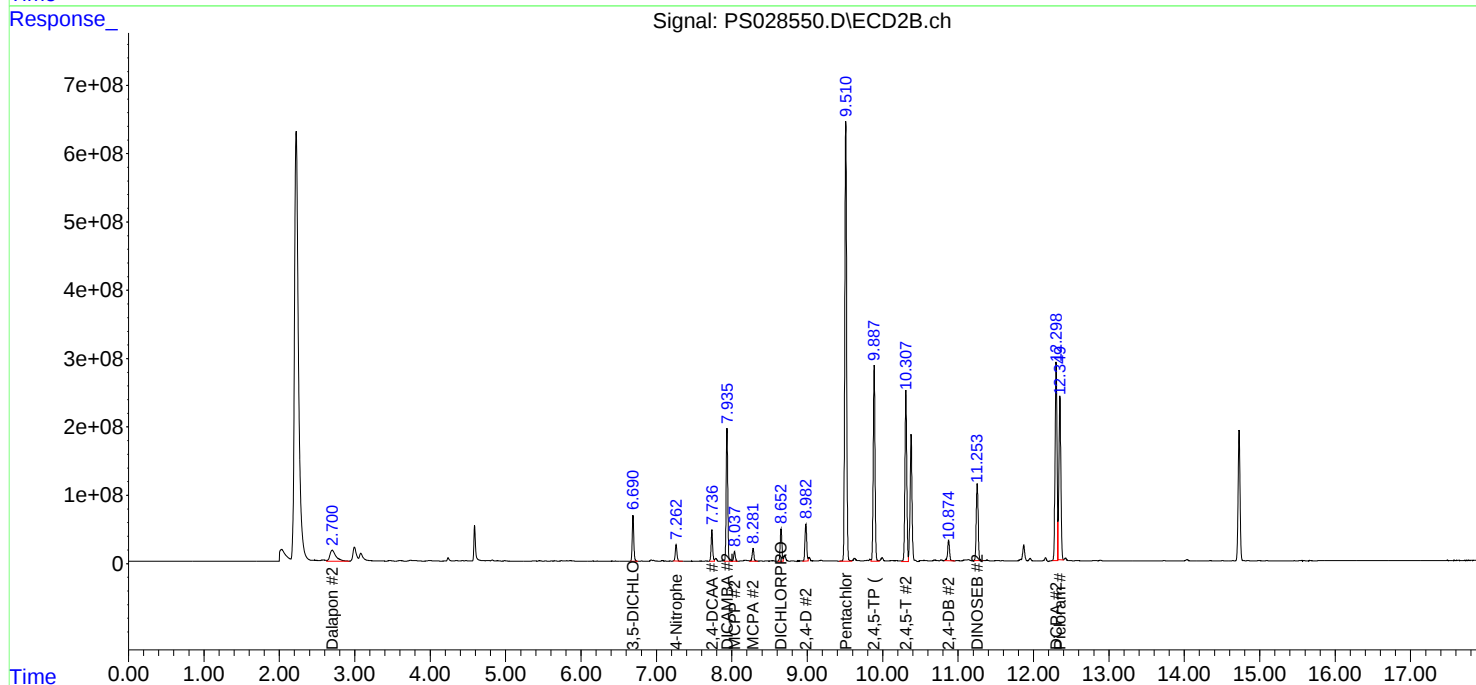
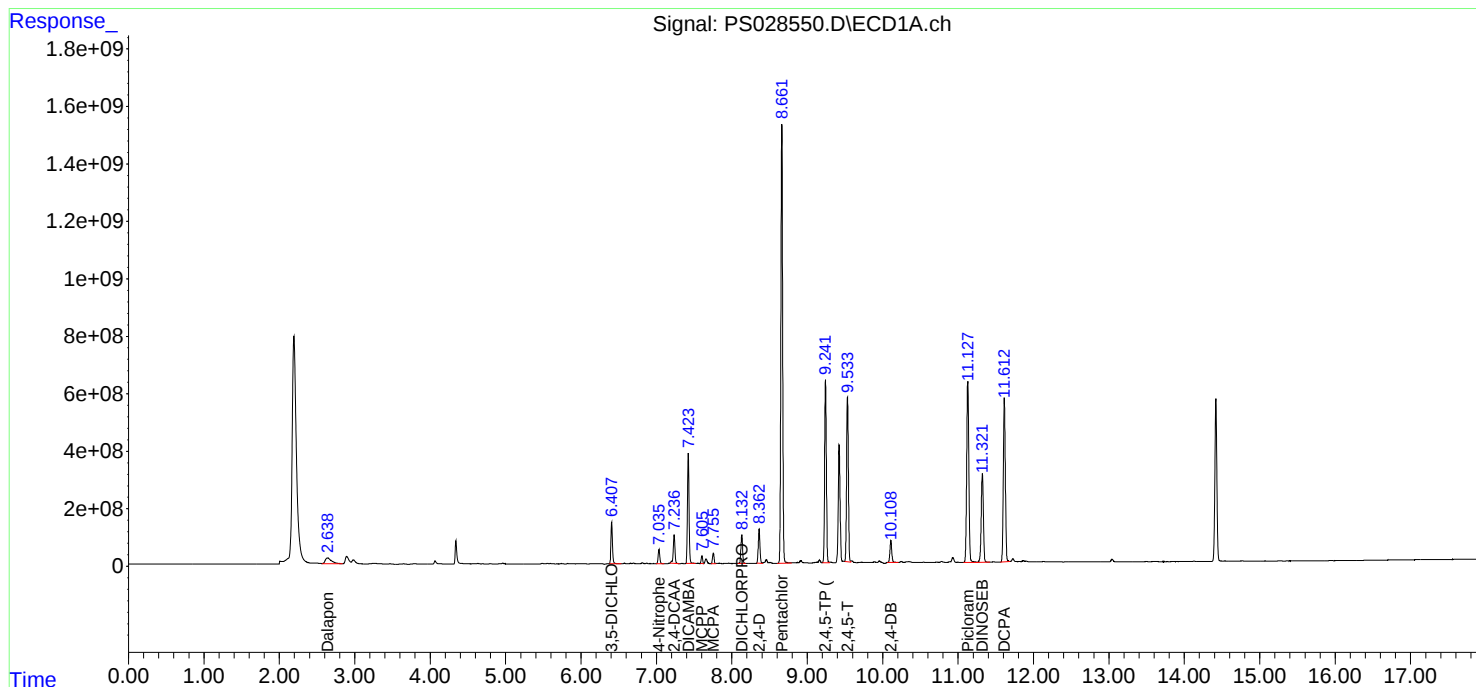
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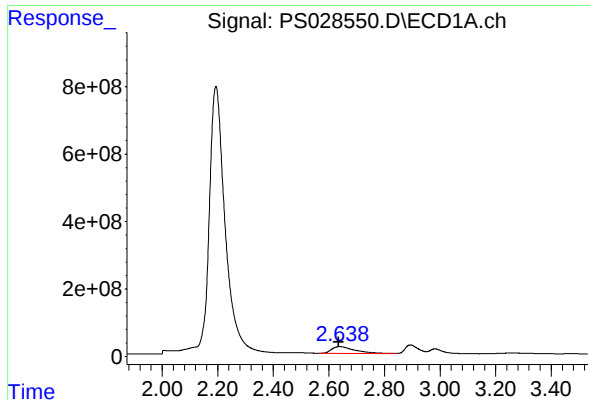
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#1 Dalapon

R.T.: 2.639 min
Delta R.T.: 0.004 min
Response: 1148724149
Conc: 341.94 ng/ml

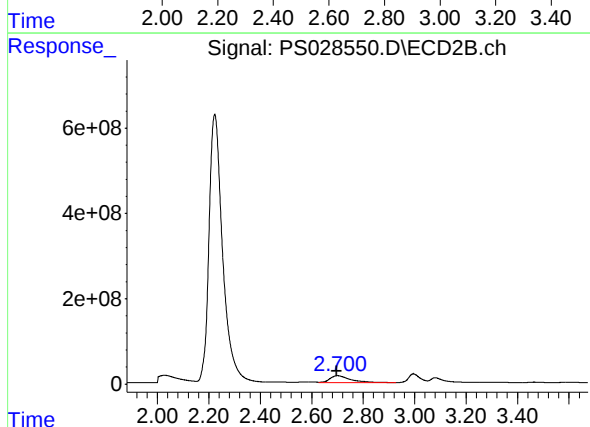
Instrument :

ECD_S

ClientSampleId :
PB165048BS

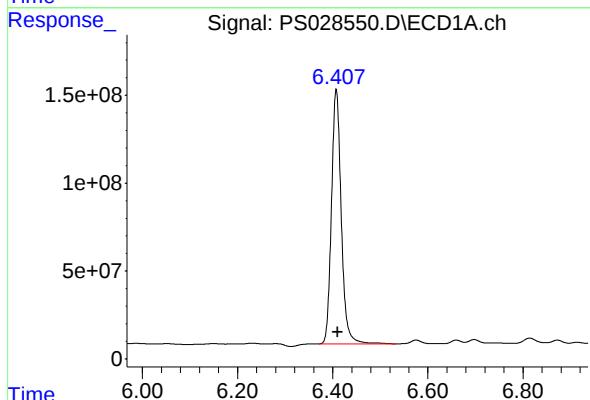
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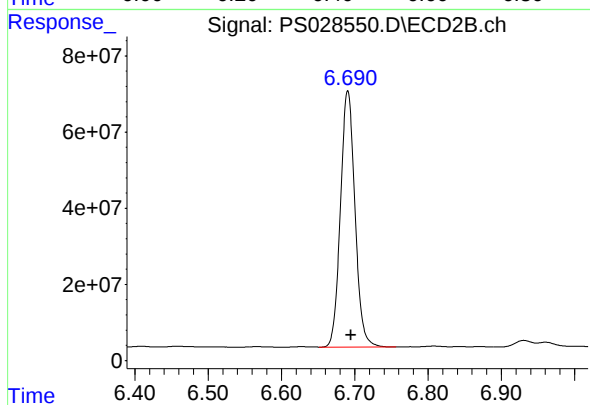
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: 0.003 min
Response: 918840919
Conc: 379.70 ng/ml



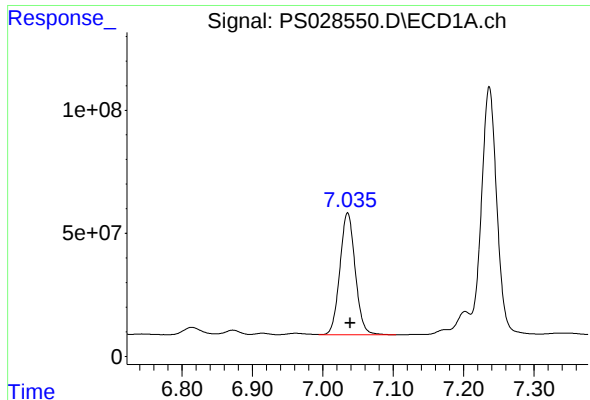
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.407 min
Delta R.T.: -0.003 min
Response: 2064625270
Conc: 553.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 927629920
Conc: 480.04 ng/ml



#3 4-Nitrophenol

R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 747781214
Conc: 440.27 ng/ml

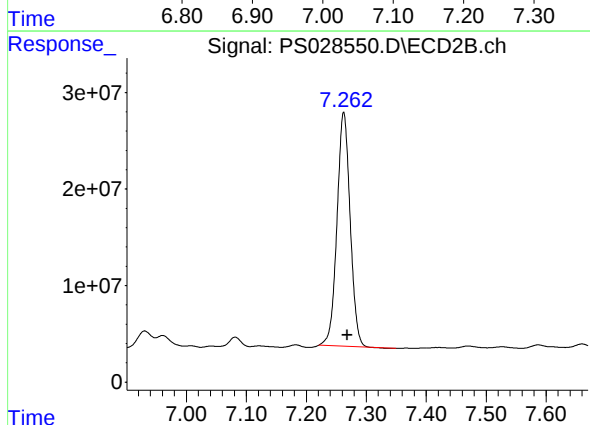
Instrument :

ECD_S

ClientSampleId :
PB165048BS

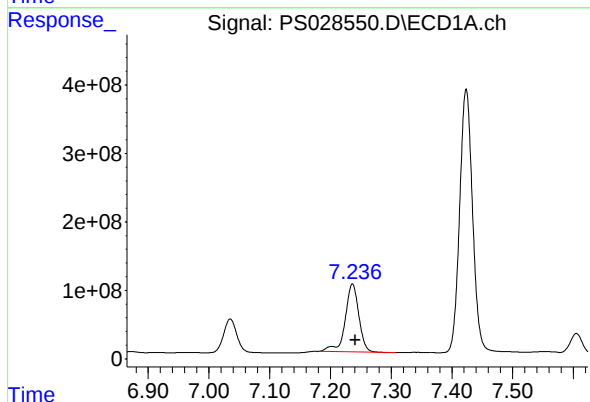
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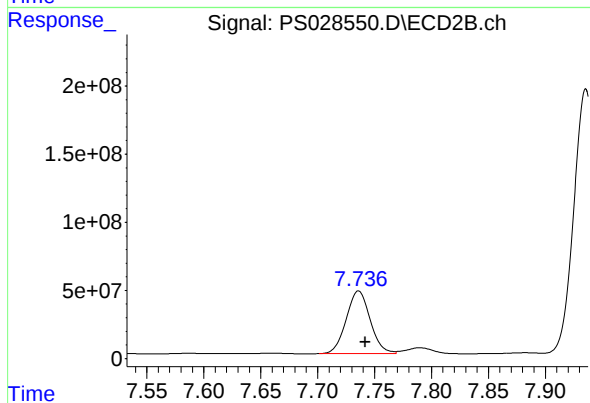
#3 4-Nitrophenol

R.T.: 7.262 min
Delta R.T.: -0.006 min
Response: 367925215
Conc: 426.14 ng/ml



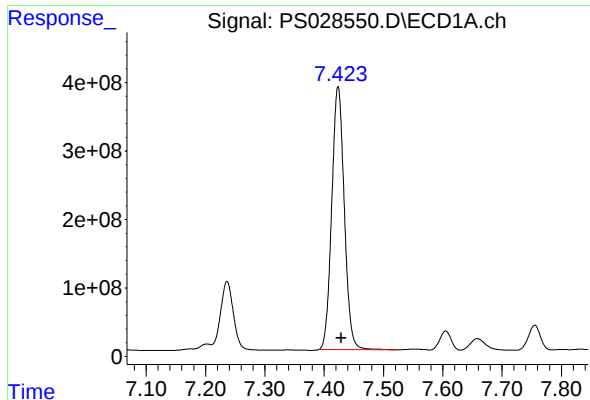
#4 2,4-DCAA

R.T.: 7.236 min
Delta R.T.: -0.005 min
Response: 1552846302
Conc: 607.56 ng/ml



#4 2,4-DCAA

R.T.: 7.736 min
Delta R.T.: -0.006 min
Response: 676154064
Conc: 523.22 ng/ml



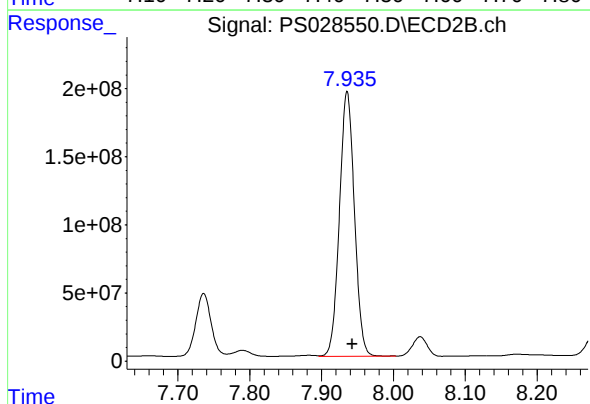
#5 DICAMBA

R.T.: 7.424 min
Delta R.T.: -0.005 min
Response: 5644768516
Conc: 515.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165048BS

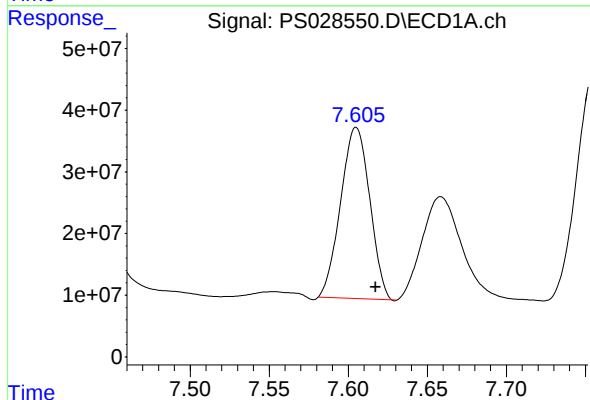
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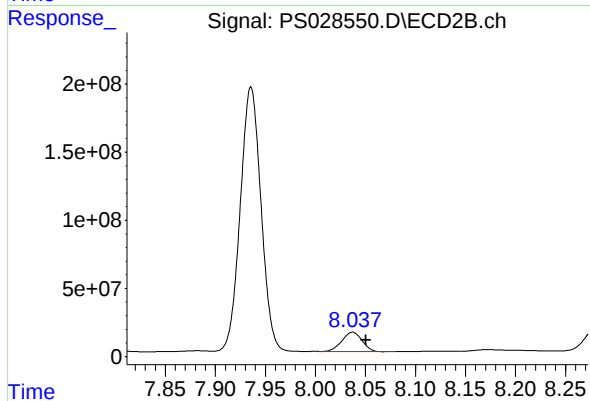
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.007 min
Response: 2813223541
Conc: 493.20 ng/ml



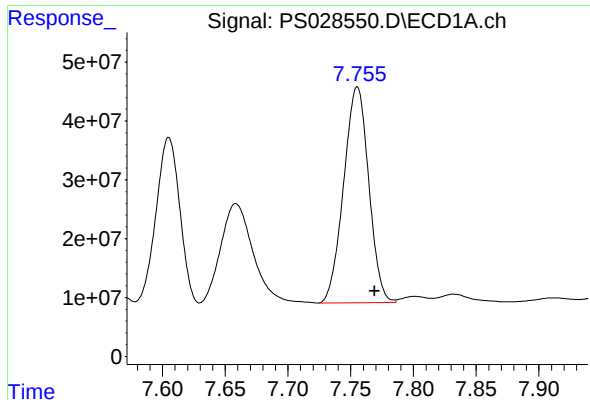
#6 MCPP

R.T.: 7.605 min
Delta R.T.: -0.012 min
Response: 354804166
Conc: 50.44 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: -0.013 min
Response: 203851667
Conc: 47.40 ug/ml



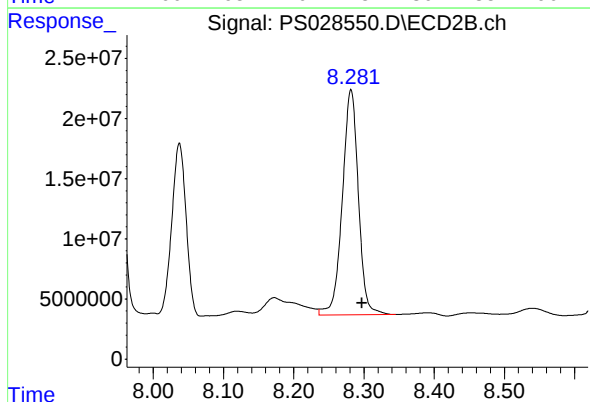
#7 MCPA

R.T.: 7.755 min
Delta R.T.: -0.014 min
Response: 509894752
Conc: 49.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB165048BS

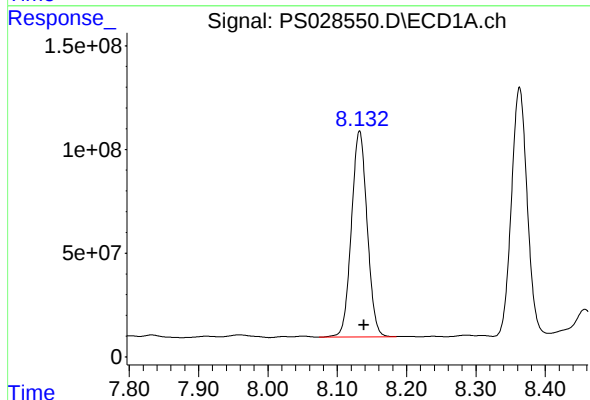
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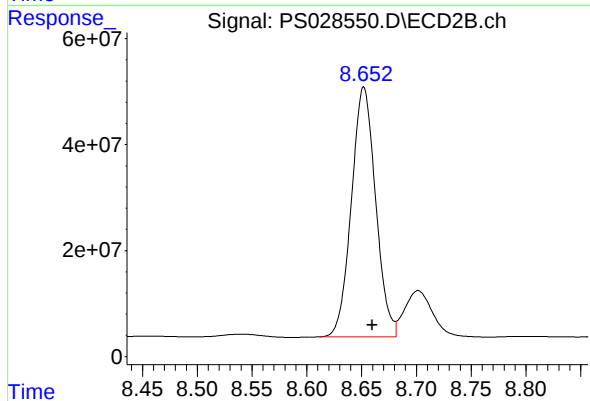
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.016 min
Response: 297377743
Conc: 48.01 ug/ml



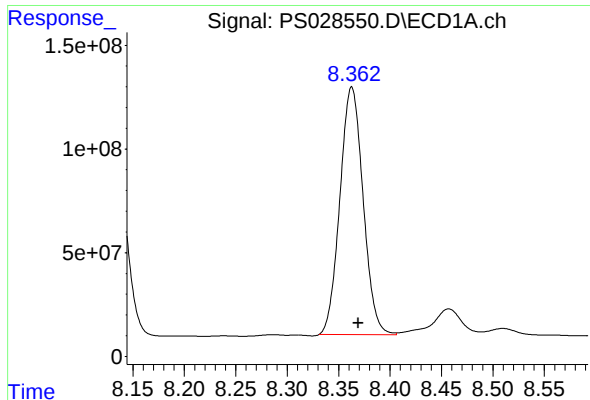
#8 DICHLORPROP

R.T.: 8.132 min
Delta R.T.: -0.006 min
Response: 1567064319
Conc: 530.96 ng/ml



#8 DICHLORPROP

R.T.: 8.652 min
Delta R.T.: -0.008 min
Response: 726130223
Conc: 497.16 ng/ml



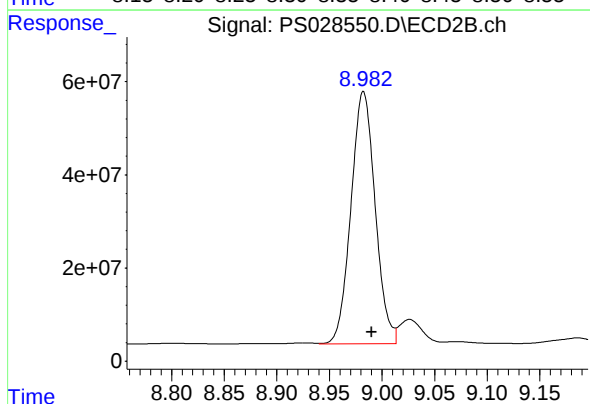
#9 2,4-D

R.T.: 8.363 min
Delta R.T.: -0.006 min
Response: 1873058212
Conc: 585.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165048BS

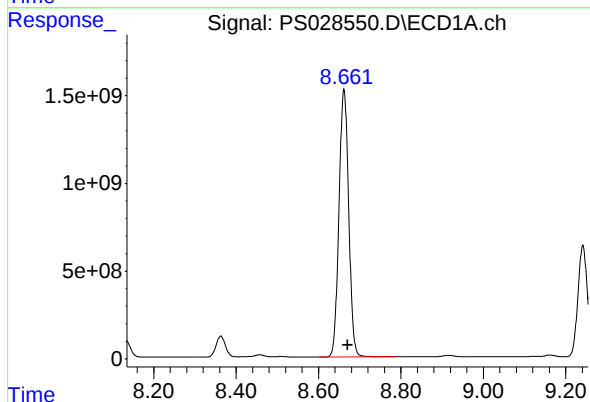
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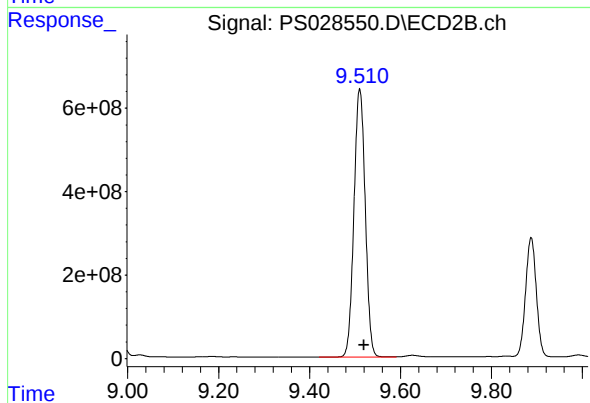
#9 2,4-D

R.T.: 8.982 min
Delta R.T.: -0.008 min
Response: 867343668
Conc: 554.02 ng/ml



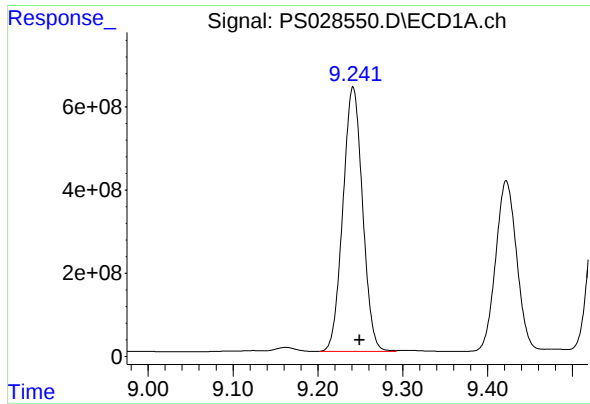
#10 Pentachlorophenol

R.T.: 8.662 min
Delta R.T.: -0.009 min
Response: 24995888186
Conc: 598.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.009 min
Response: 11073161864
Conc: 552.41 ng/ml



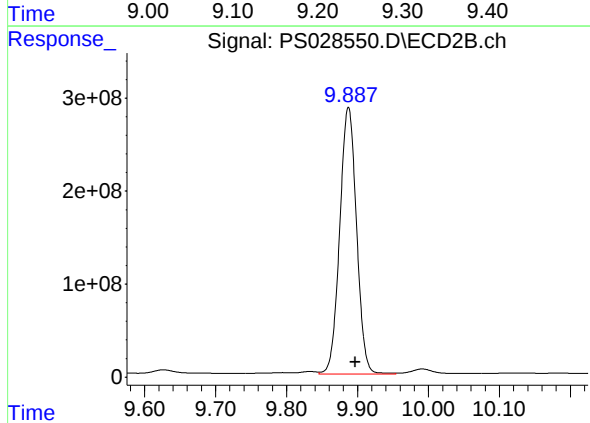
#11 2,4,5-TP (SILVEX)

R.T.: 9.241 min
Delta R.T.: -0.008 min
Response: 10232083165
Conc: 589.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165048BS

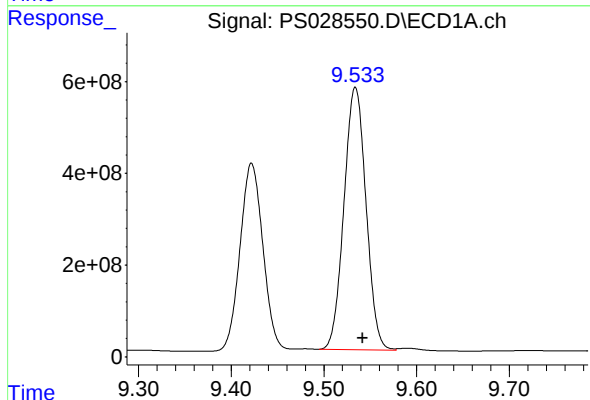
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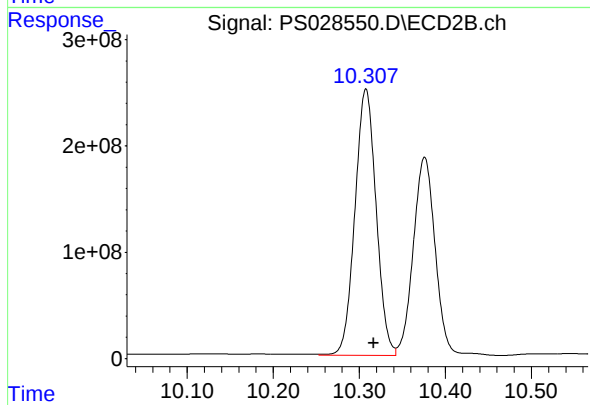
#11 2,4,5-TP (SILVEX)

R.T.: 9.887 min
Delta R.T.: -0.009 min
Response: 4726115712
Conc: 560.08 ng/ml



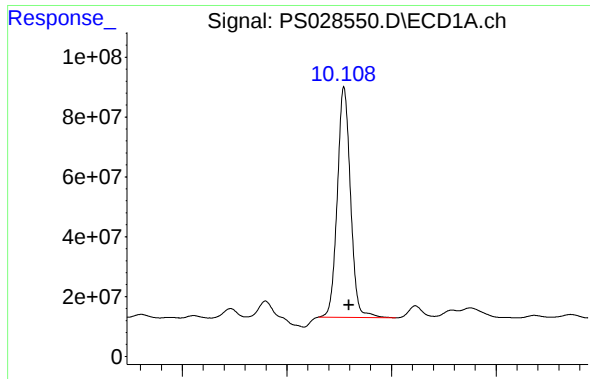
#12 2,4,5-T

R.T.: 9.534 min
Delta R.T.: -0.008 min
Response: 9466557991
Conc: 532.59 ng/ml



#12 2,4,5-T

R.T.: 10.308 min
Delta R.T.: -0.009 min
Response: 4285803852
Conc: 511.29 ng/ml



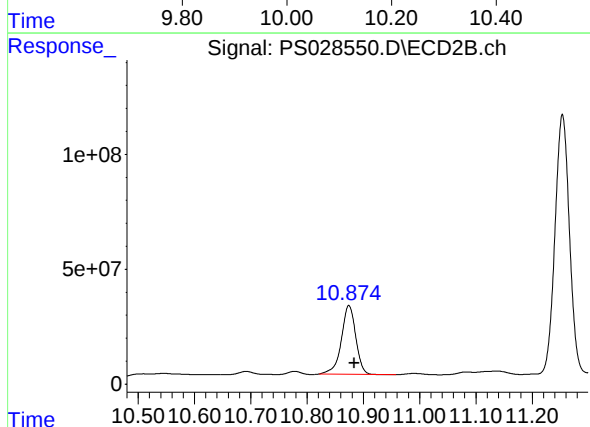
#13 2,4-DB

R.T.: 10.109 min
Delta R.T.: -0.009 min
Response: 1348420753
Conc: 494.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165048BS

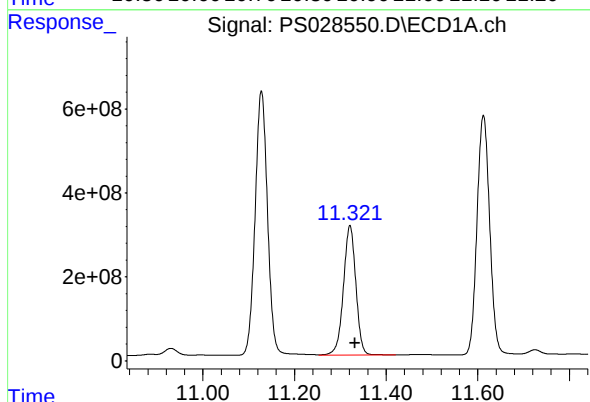
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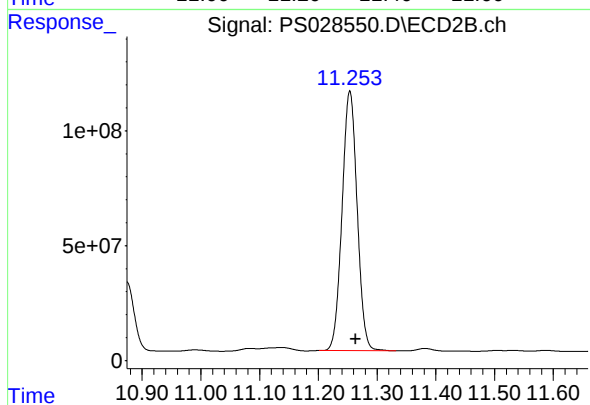
#13 2,4-DB

R.T.: 10.874 min
Delta R.T.: -0.009 min
Response: 532224708
Conc: 507.98 ng/ml



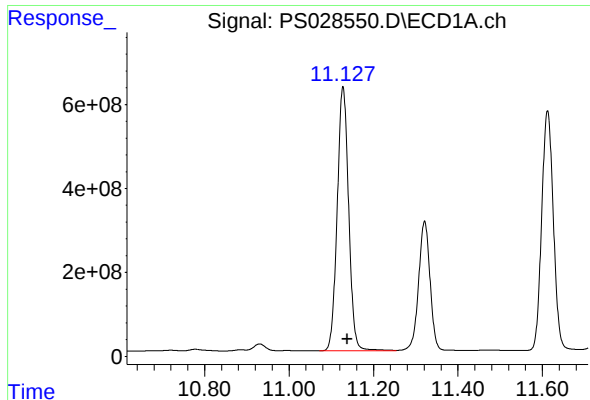
#14 DINOSEB

R.T.: 11.321 min
Delta R.T.: -0.011 min
Response: 5795678463
Conc: 406.49 ng/ml



#14 DINOSEB

R.T.: 11.254 min
Delta R.T.: -0.010 min
Response: 2017203156
Conc: 364.87 ng/ml



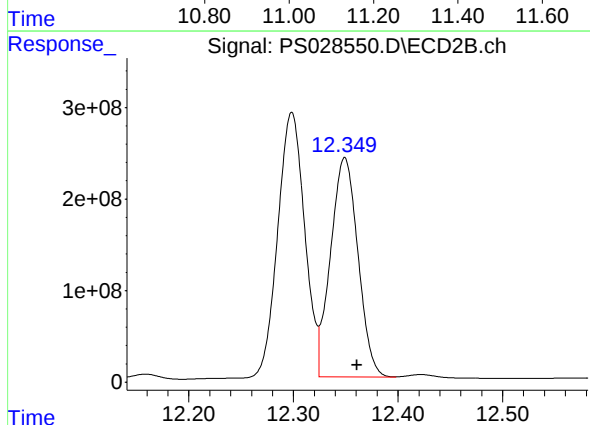
#15 Picloram

R.T.: 11.128 min
Delta R.T.: -0.010 min
Response: 11828792235
Conc: 420.06 ng/ml

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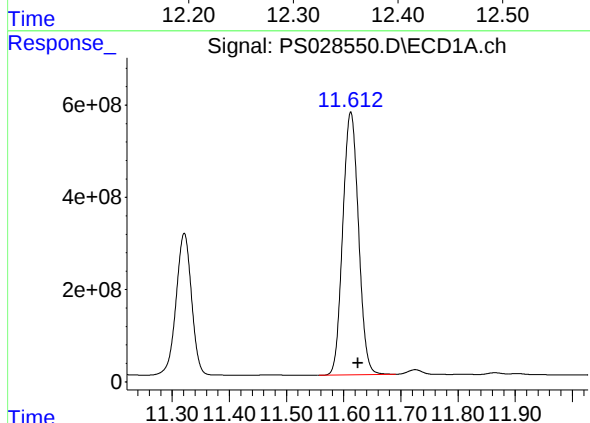
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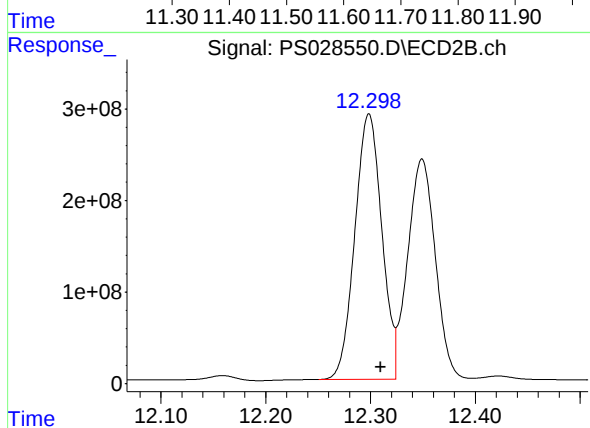
#15 Picloram

R.T.: 12.349 min
Delta R.T.: -0.012 min
Response: 4361324178
Conc: 385.31 ng/ml



#16 DCPA

R.T.: 11.612 min
Delta R.T.: -0.013 min
Response: 10882312249
Conc: 413.57 ng/ml m



#16 DCPA

R.T.: 12.298 min
Delta R.T.: -0.011 min
Response: 5189760714
Conc: 535.11 ng/ml m