

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031725\
 Data File : PS029445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 16:55
 Operator : AR\AJ
 Sample : PB167156BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167156BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2025
 Supervised By : mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:43:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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	7.157	7.617	2211.7E6	444.2E6	536.757	472.433
Target Compounds							
1) T	Dalapon	2.599	2.644	2776.2E6	975.6E6	502.911	460.812
2) T	3,5-DICHL...	6.340	6.594	2917.4E6	631.8E6	498.597	446.135
3) T	4-Nitroph...	6.961	7.151	917.6E6	333.3E6	392.126	417.948
5) T	DICAMBA	7.337	7.809	8935.4E6	2361.7E6	514.537	458.318m
6) T	MCP	7.516	7.913	553.9E6	101.5E6	44.941	43.382
7) T	MCPA	7.663	8.151	799.1E6	139.5E6	47.156	43.722
8) T	DICHLORPROP	8.038	8.518	2307.8E6	585.1E6	502.074	457.523
9) T	2,4-D	8.270	8.844	2333.0E6	563.1E6	491.121	443.459
10) T	Pentachlo...	8.558	9.358	34092.5E6	11325.7E6	584.214	492.148
11) T	2,4,5-TP ...	9.132	9.736	12729.6E6	4316.9E6	517.740	477.709
12) T	2,4,5-T	9.425	10.150	12963.2E6	3703.7E6	508.587	451.109
13) T	2,4-DB	9.995	10.713	1766.6E6	335.6E6	423.095m	438.358m
14) T	DINOSEB	11.184	11.087	8217.9E6	2683.9E6	494.135m	442.777m
15) T	Picloram	11.004	12.161	12063.1E6	4208.2E6	394.950	363.952
16) T	DCPA	11.481	12.118f	15787.3E6	5796.9E6	526.182	489.743m

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

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Acq On : 17 Mar 2025 16:55
Operator : AR\AJ
Sample : PB167156BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

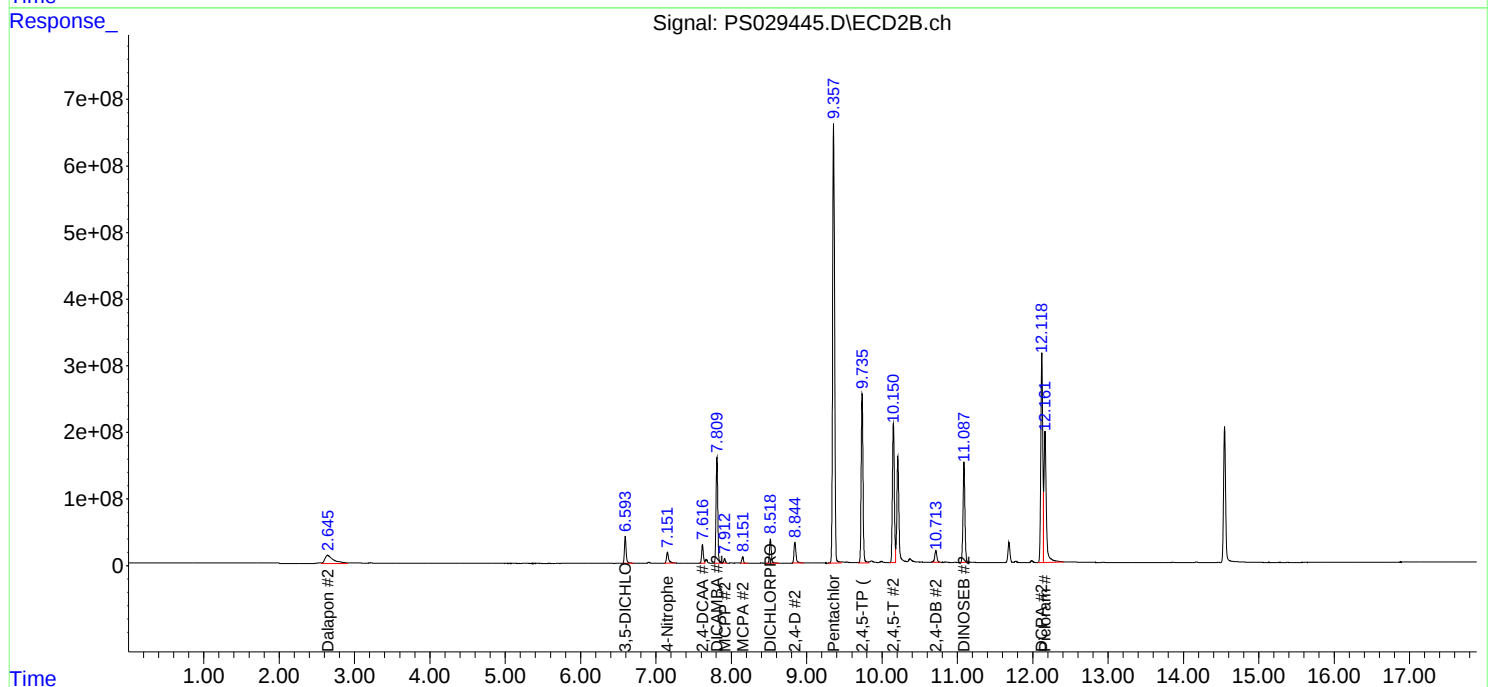
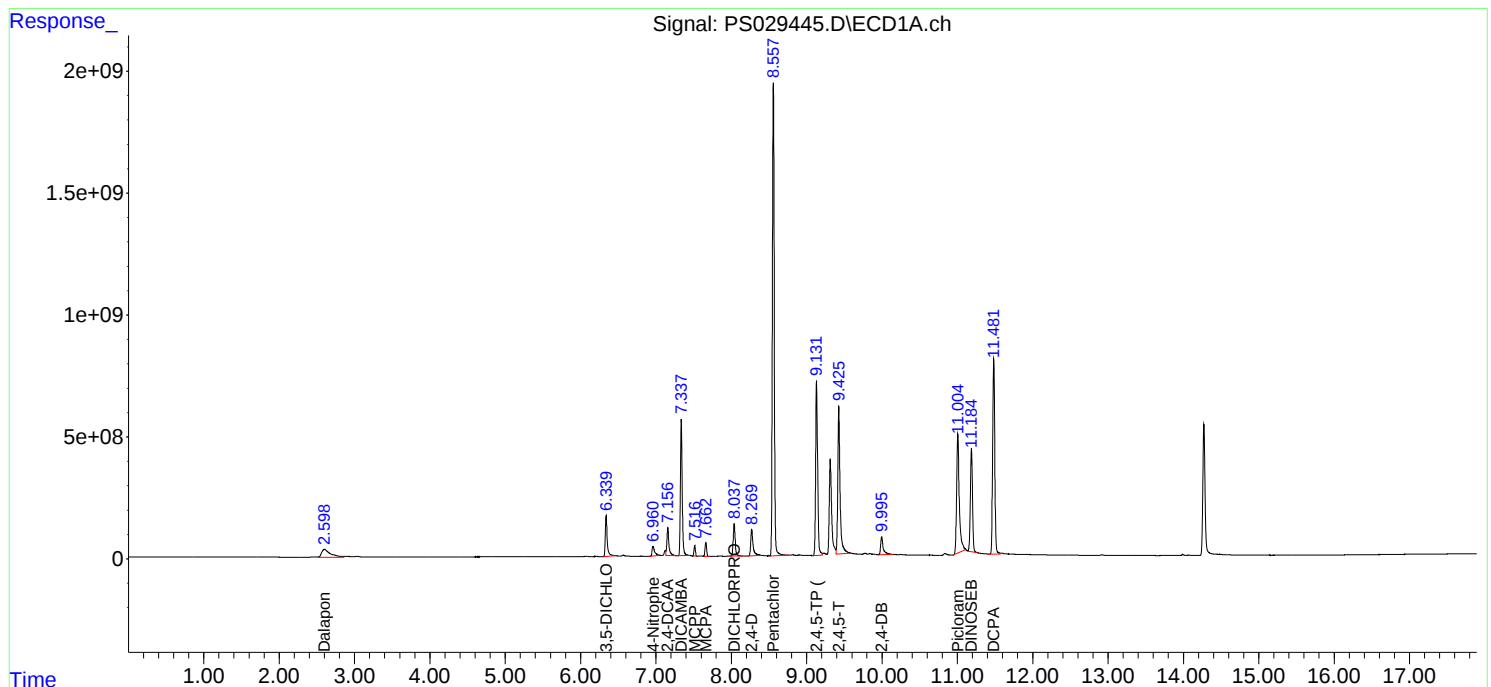
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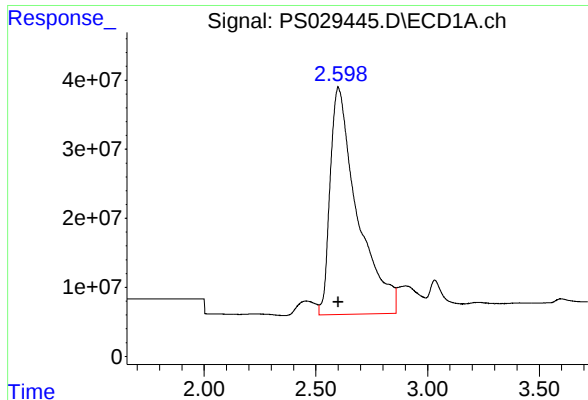
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:43:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
Quant Title : 8080.M
QLast Update : Sat Feb 22 01:02:20 2025
Response via : Initial 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





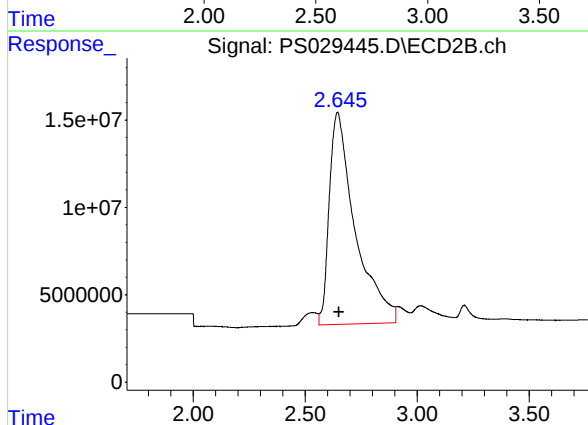
#1 Dalapon

R.T.: 2.599 min
Delta R.T.: 0.000 min
Response: 2776214749
Conc: 502.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

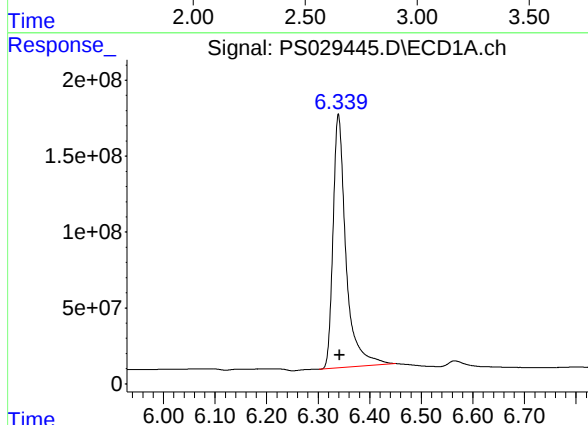
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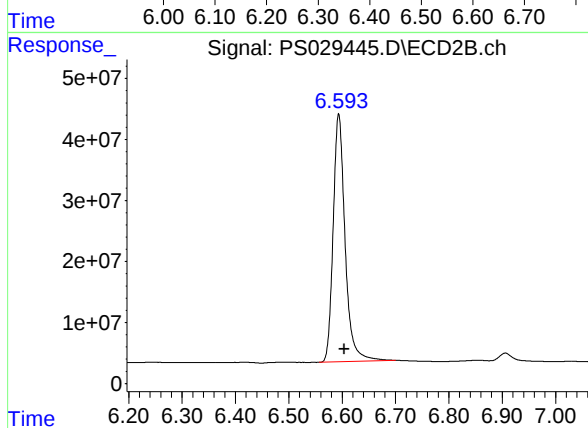
#1 Dalapon

R.T.: 2.644 min
Delta R.T.: -0.006 min
Response: 975594573
Conc: 460.81 ng/ml



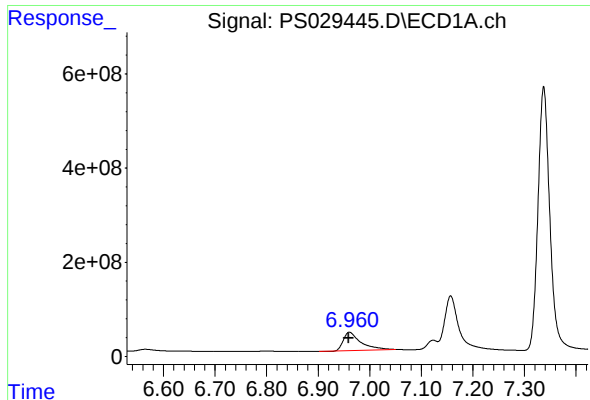
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 2917352264
Conc: 498.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.594 min
Delta R.T.: -0.011 min
Response: 631778547
Conc: 446.14 ng/ml



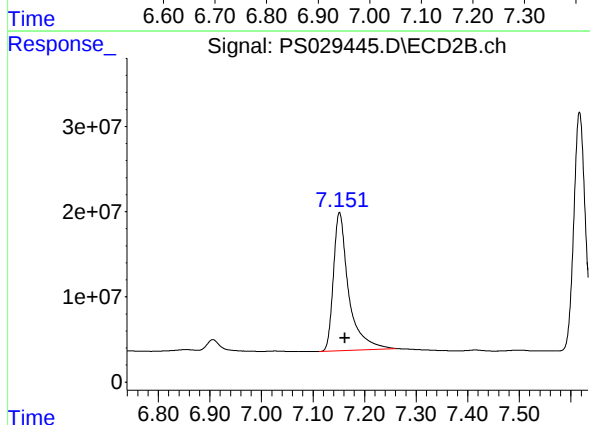
#3 4-Nitrophenol

R.T.: 6.961 min
Delta R.T.: 0.002 min
Response: 917646081
Conc: 392.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

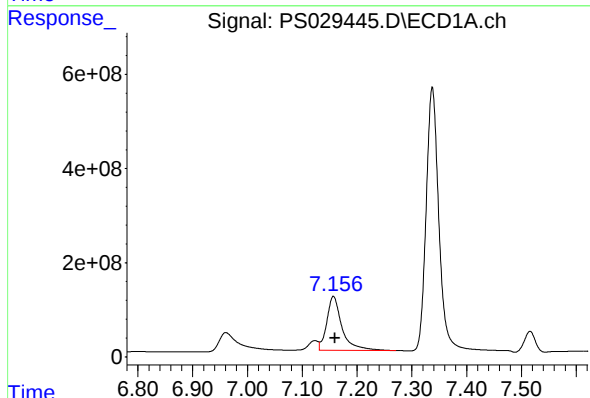
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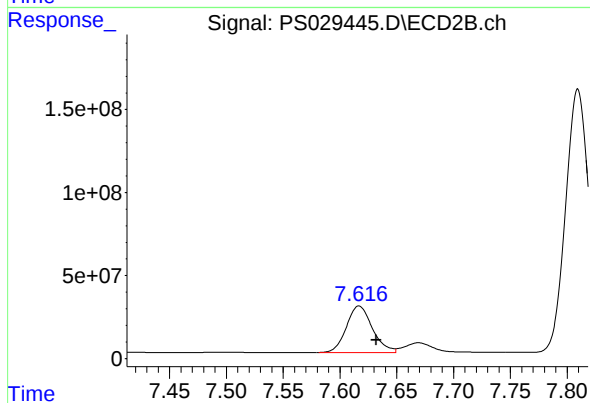
#3 4-Nitrophenol

R.T.: 7.151 min
Delta R.T.: -0.011 min
Response: 333333363
Conc: 417.95 ng/ml



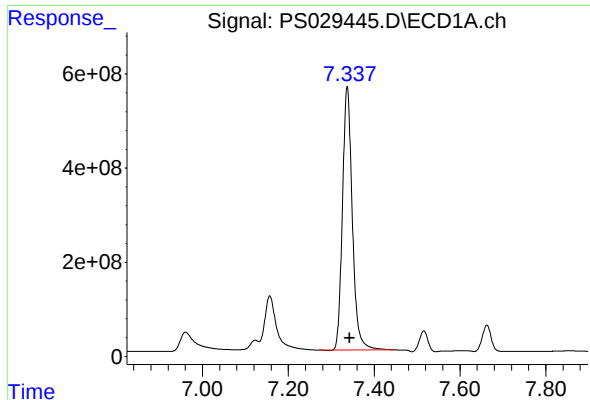
#4 2,4-DCAA

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 2211747609
Conc: 536.76 ng/ml



#4 2,4-DCAA

R.T.: 7.617 min
Delta R.T.: -0.015 min
Response: 444243996
Conc: 472.43 ng/ml



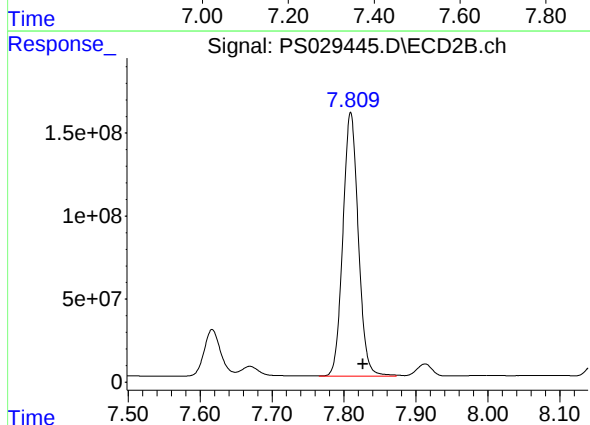
#5 DICAMBA

R.T.: 7.337 min
Delta R.T.: -0.005 min
Response: 8935429007
Conc: 514.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

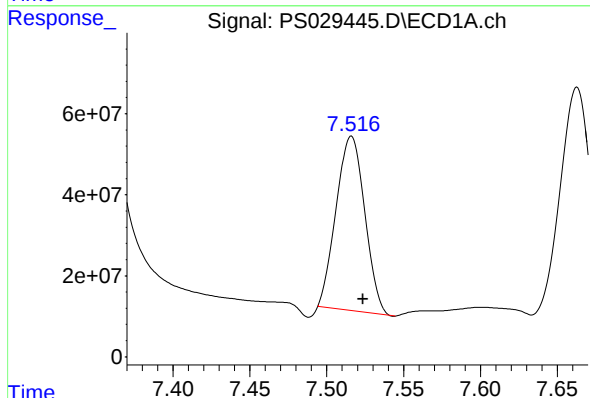
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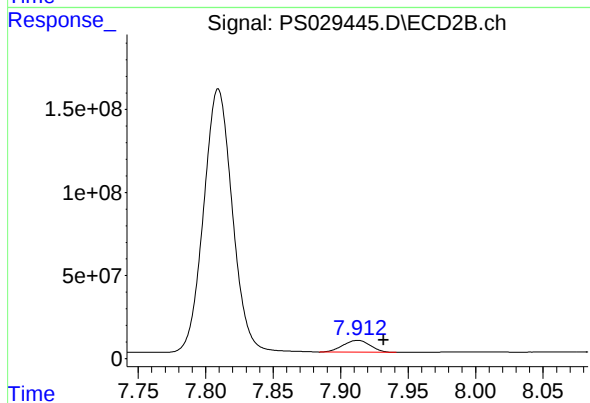
#5 DICAMBA

R.T.: 7.809 min
Delta R.T.: -0.017 min
Response: 2361700063
Conc: 458.32 ng/ml m



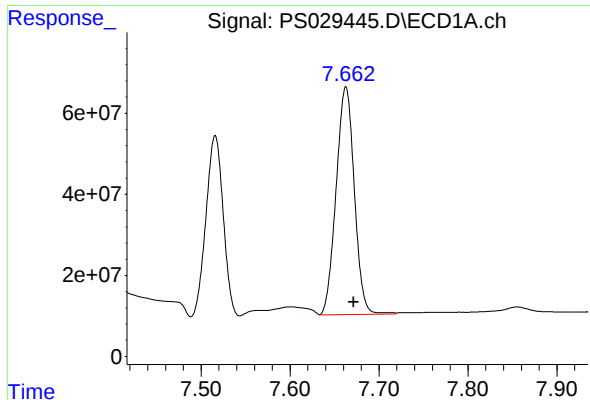
#6 MCPP

R.T.: 7.516 min
Delta R.T.: -0.008 min
Response: 553927233
Conc: 44.94 ug/ml



#6 MCPP

R.T.: 7.913 min
Delta R.T.: -0.019 min
Response: 101477345
Conc: 43.38 ug/ml



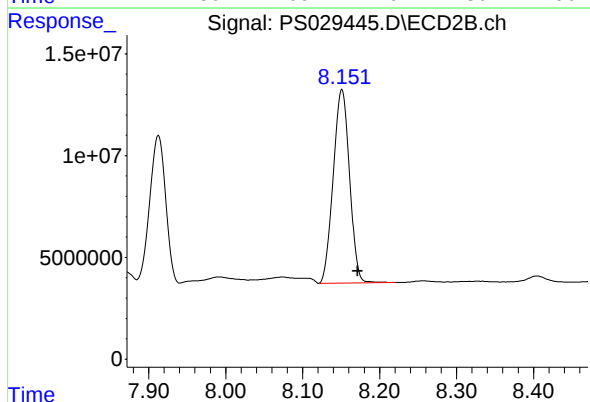
#7 MCPA

R.T.: 7.663 min
Delta R.T.: -0.009 min
Response: 799071736
Conc: 47.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

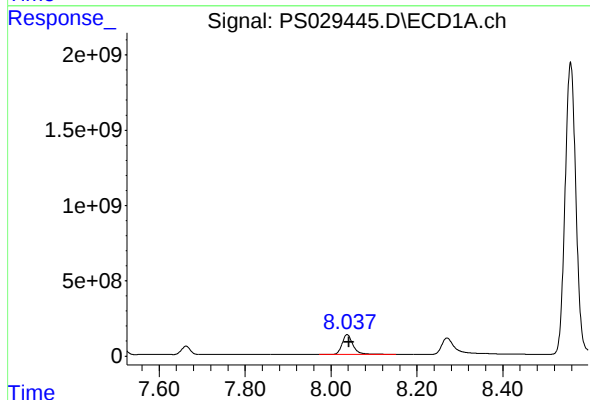
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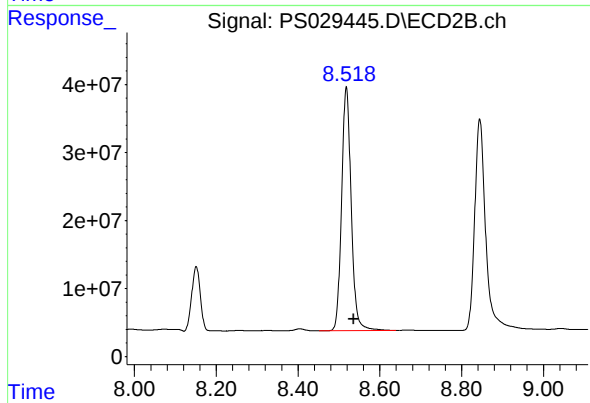
#7 MCPA

R.T.: 8.151 min
Delta R.T.: -0.021 min
Response: 139460176
Conc: 43.72 ug/ml



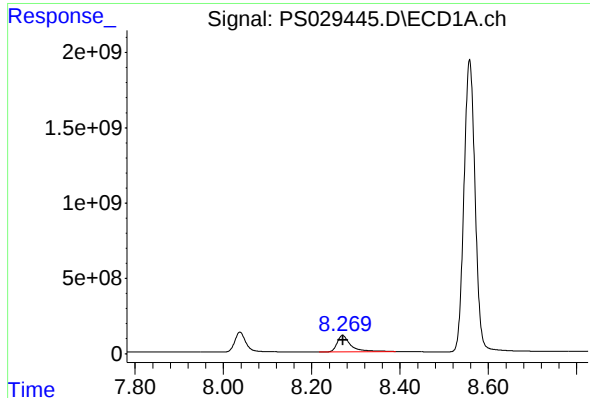
#8 DICHLORPROP

R.T.: 8.038 min
Delta R.T.: -0.004 min
Response: 2307762457
Conc: 502.07 ng/ml



#8 DICHLORPROP

R.T.: 8.518 min
Delta R.T.: -0.018 min
Response: 585061486
Conc: 457.52 ng/ml



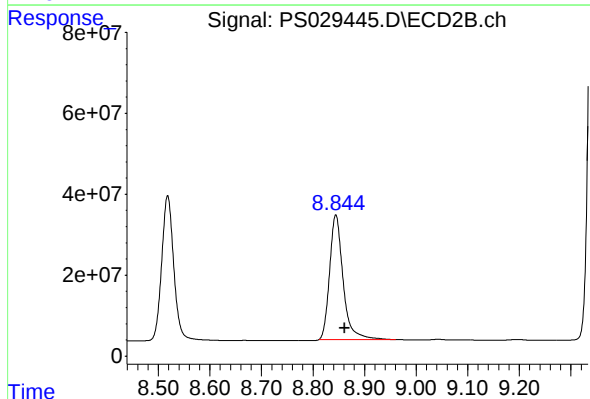
#9 2,4-D

R.T.: 8.270 min
Delta R.T.: -0.001 min
Response: 2333033557
Conc: 491.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

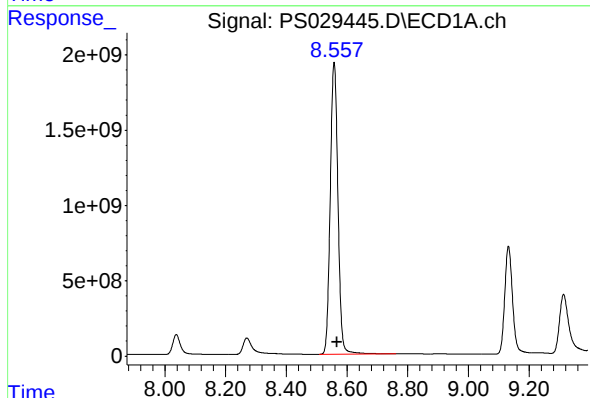
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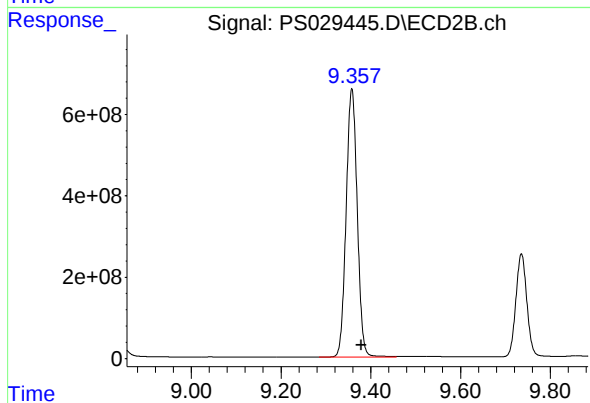
#9 2,4-D

R.T.: 8.844 min
Delta R.T.: -0.017 min
Response: 563146563
Conc: 443.46 ng/ml



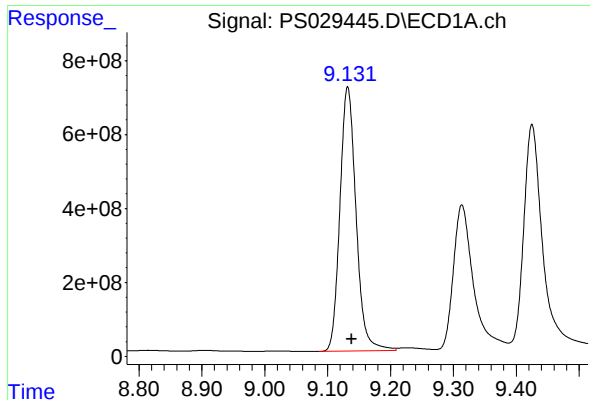
#10 Pentachlorophenol

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 34092523365
Conc: 584.21 ng/ml



#10 Pentachlorophenol

R.T.: 9.358 min
Delta R.T.: -0.021 min
Response: 11325651382
Conc: 492.15 ng/ml



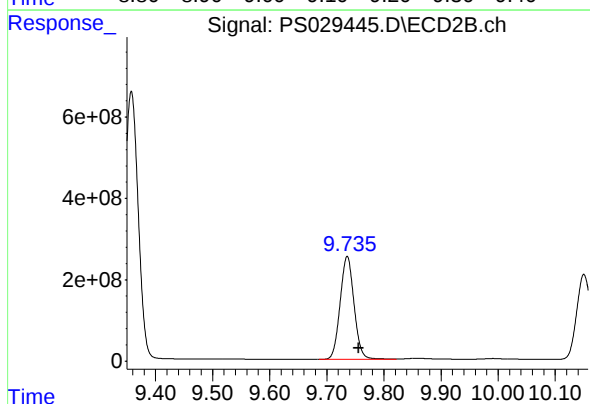
#11 2,4,5-TP (SILVEX)

R.T.: 9.132 min
Delta R.T.: -0.006 min
Response: 12729641957
Conc: 517.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

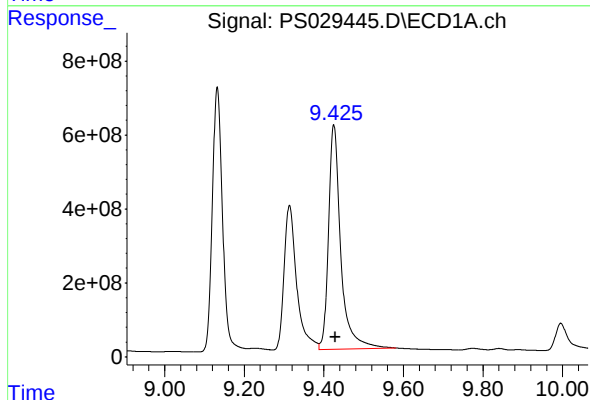
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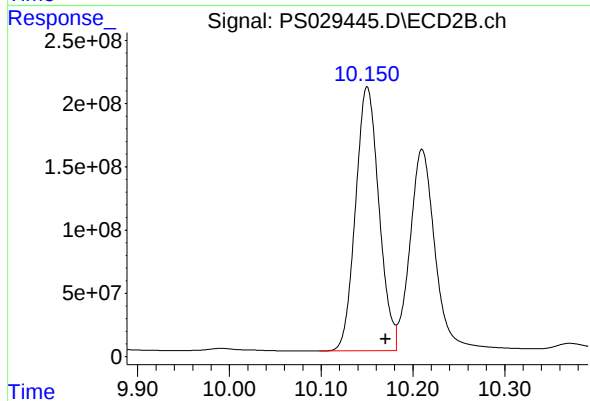
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.020 min
Response: 4316917578
Conc: 477.71 ng/ml



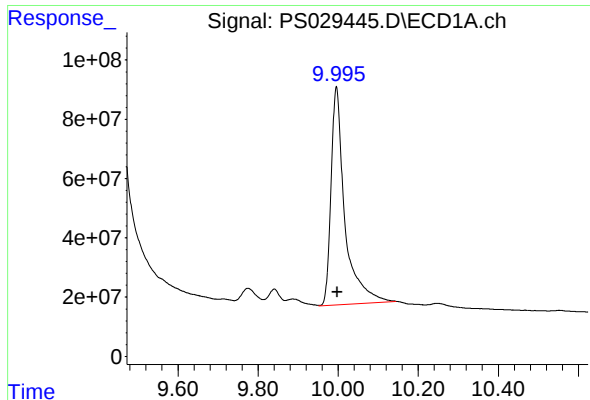
#12 2,4,5-T

R.T.: 9.425 min
Delta R.T.: -0.004 min
Response: 12963223077
Conc: 508.59 ng/ml



#12 2,4,5-T

R.T.: 10.150 min
Delta R.T.: -0.020 min
Response: 3703734043
Conc: 451.11 ng/ml



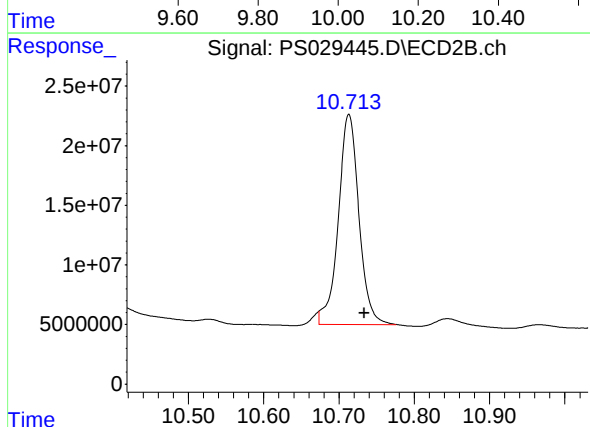
#13 2,4-DB

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 1766601741
Conc: 423.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

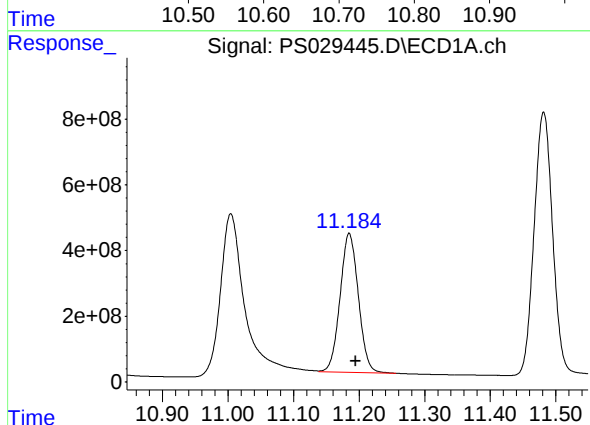
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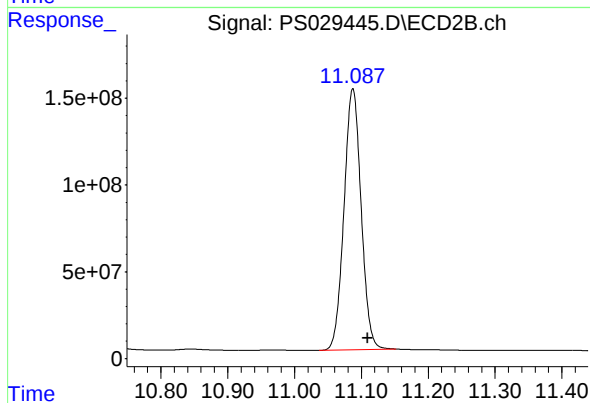
#13 2,4-DB

R.T.: 10.713 min
Delta R.T.: -0.021 min
Response: 335602809
Conc: 438.36 ng/ml m



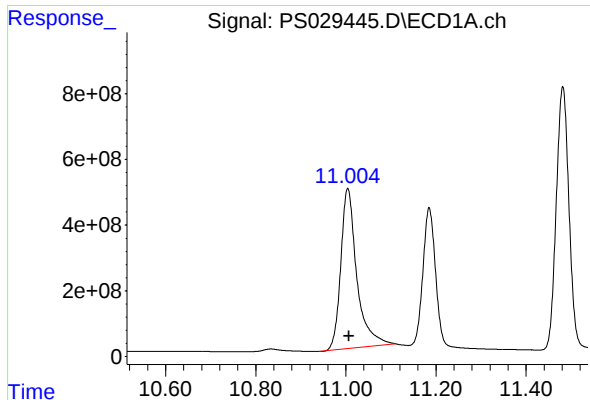
#14 DINOSEB

R.T.: 11.184 min
Delta R.T.: -0.010 min
Response: 8217878496
Conc: 494.14 ng/ml m



#14 DINOSEB

R.T.: 11.087 min
Delta R.T.: -0.022 min
Response: 2683903967
Conc: 442.78 ng/ml m



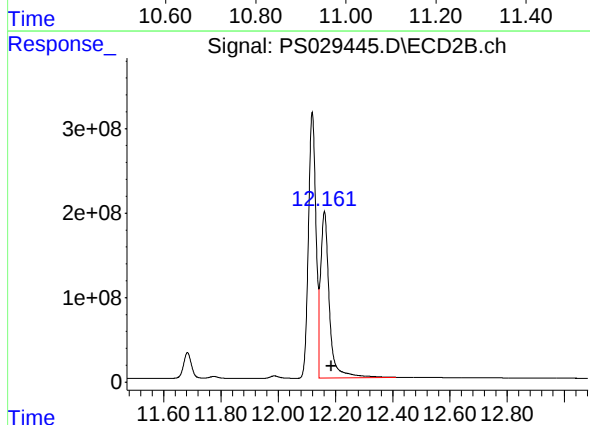
#15 Picloram

R.T.: 11.004 min
Delta R.T.: -0.003 min
Response: 12063146648
Conc: 394.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167156BS

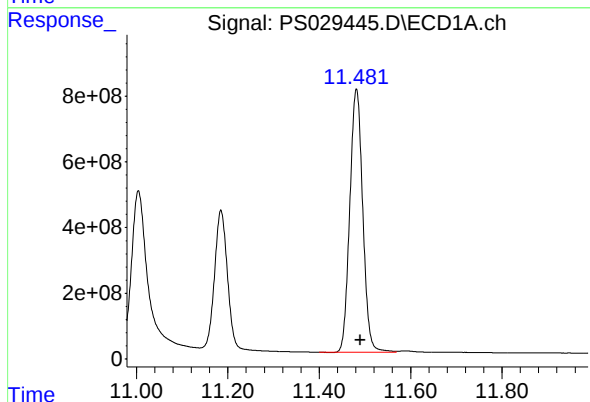
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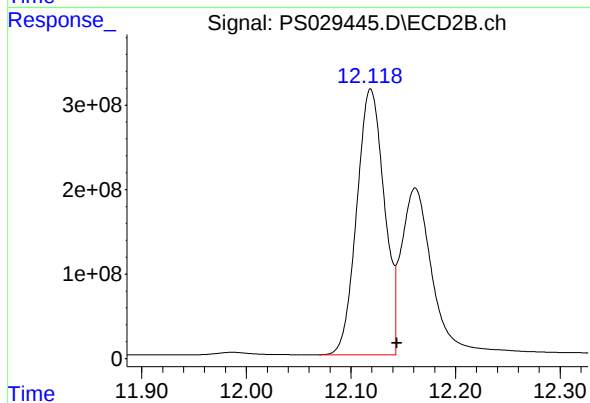
#15 Picloram

R.T.: 12.161 min
Delta R.T.: -0.024 min
Response: 4208171121
Conc: 363.95 ng/ml



#16 DCPA

R.T.: 11.481 min
Delta R.T.: -0.009 min
Response: 15787283923
Conc: 526.18 ng/ml



#16 DCPA

R.T.: 12.118 min
Delta R.T.: -0.026 min
Response: 5796864656
Conc: 489.74 ng/ml m