

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061825\
 Data File : PS030739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 11:25
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2025
 Supervised By : mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 13:36:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 18 13:31:43 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	7.350	7.769	890.2E6	256.7E6	238.920	237.129
Target Compounds							
1) T	Dalapon	2.708	2.710	1216.6E6	586.5E6	209.922m	209.695
2) T	3,5-DICHL...	6.508	6.716	1200.4E6	355.0E6	220.928	217.928
3) T	4-Nitroph...	7.150	7.302	330.2E6	350.3E6	207.247	199.990
5) T	DICAMBA	7.540	7.972	3345.0E6	1373.3E6	213.508	207.020
6) T	MCP	7.718	8.067	159.0E6	35228767	16.559	16.286
7) T	MCPA	7.868	8.315	212.7E6	56624493	17.882	17.775
8) T	DICHLORPROP	8.254	8.691	871.9E6	348.8E6	236.185	225.527
9) T	2,4-D	8.487	9.027	727.2E6	369.5E6	214.344	221.836
10) T	Pentachlo...	8.794	9.551	12128.2E6	8330.8E6	234.117	217.854
11) T	2,4,5-TP ...	9.375	9.933	4233.7E6	3133.8E6	210.774	216.695
12) T	2,4,5-T	9.670	10.359	3278.8E6	2973.3E6	196.020	214.899
13) T	2,4-DB	10.249	10.927	471.5E6	260.9E6	193.094	218.864
14) T	DINOSEB	11.468	11.312	2859.8E6	2274.7E6	204.681	209.757
15) T	Picloram	11.278	12.421	3022.6E6	4586.9E6	185.564	196.104
16) T	DCPA	11.763	12.355	5510.6E6	4823.7E6	213.250	217.126

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

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Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

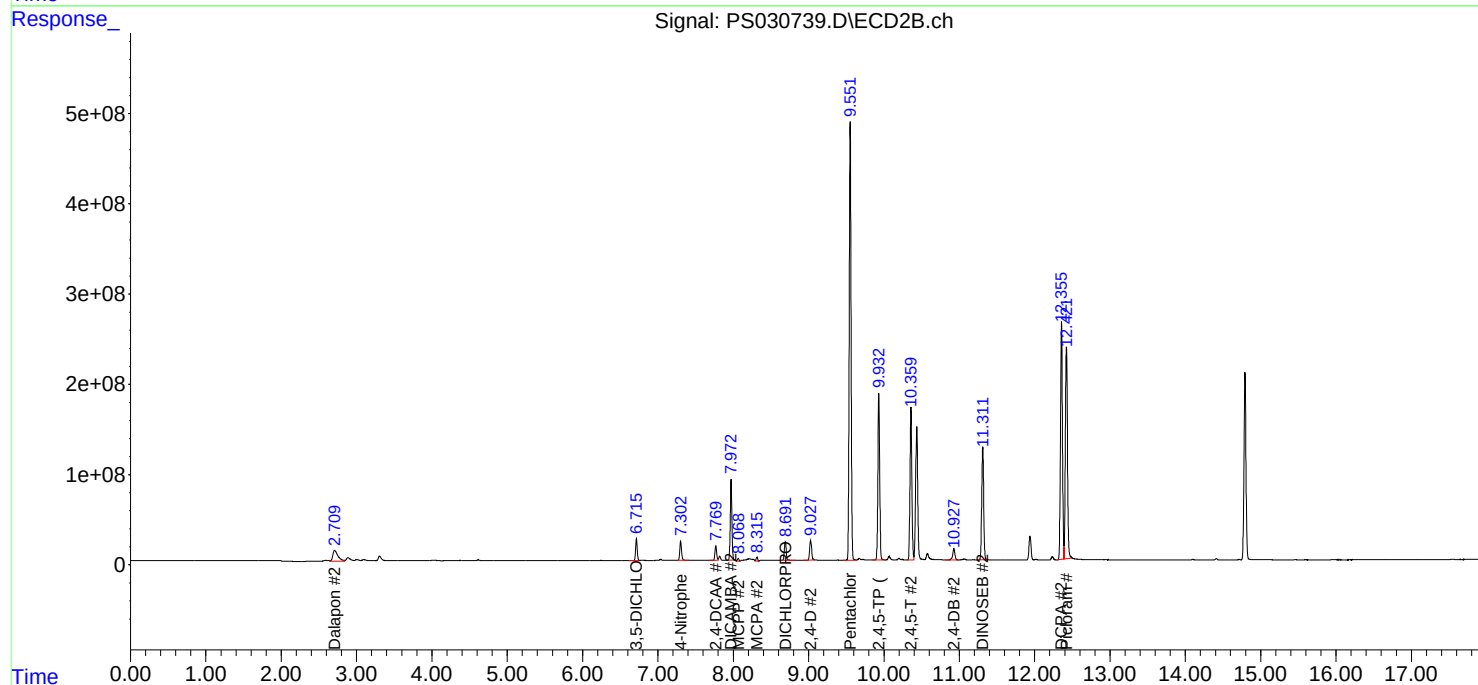
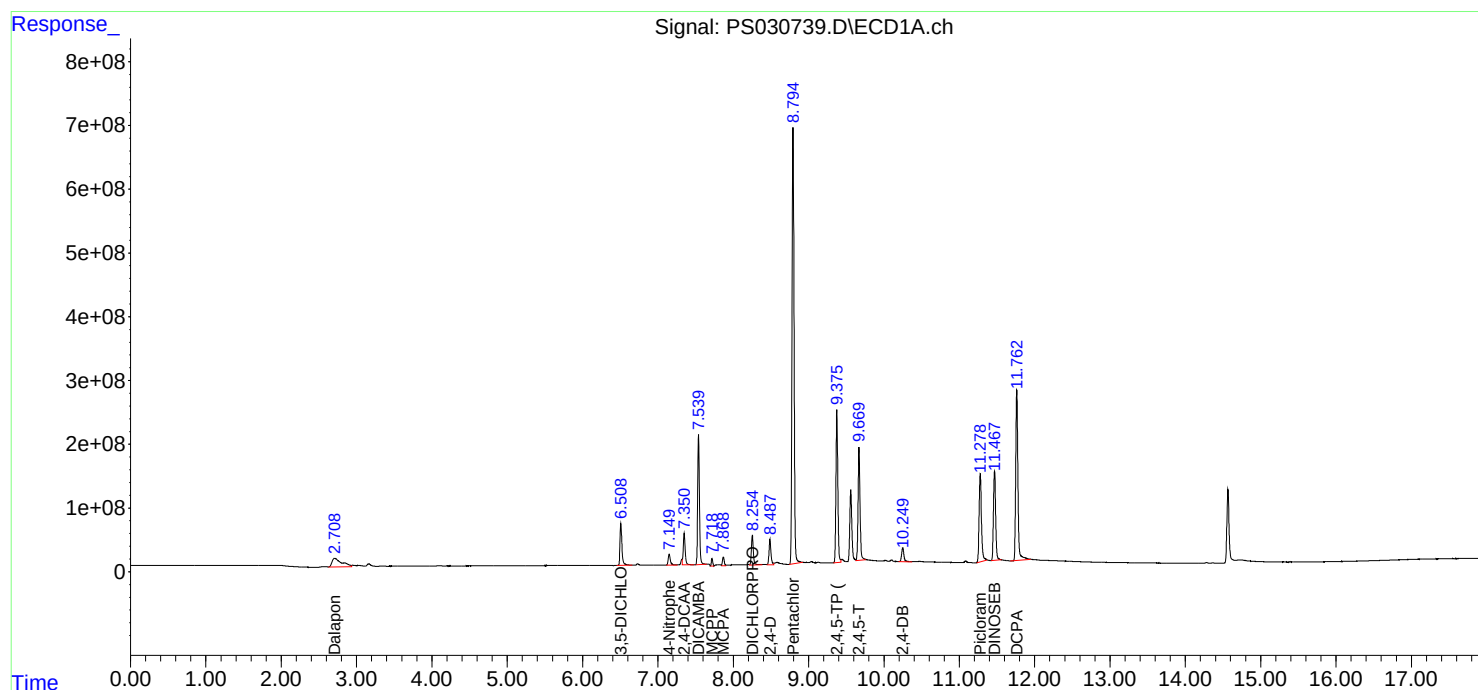
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

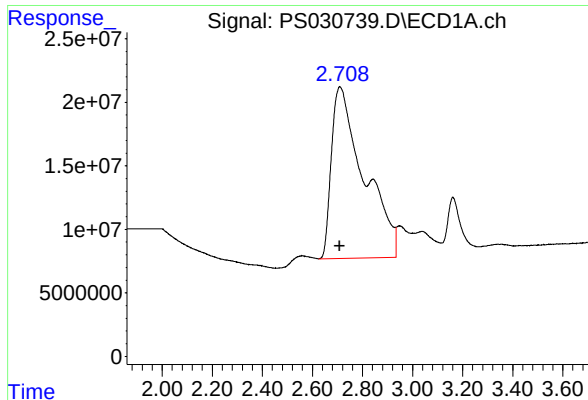
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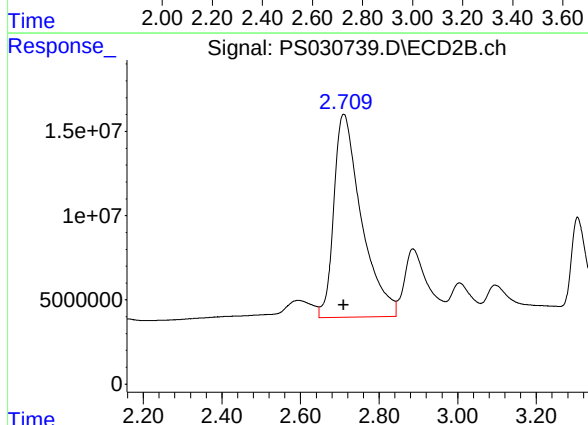
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 1216618299
Conc: 209.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

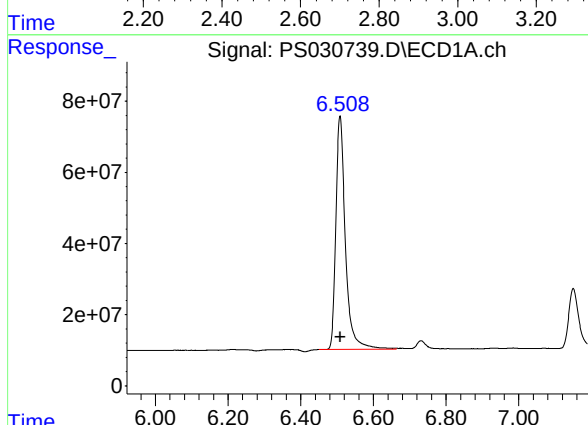
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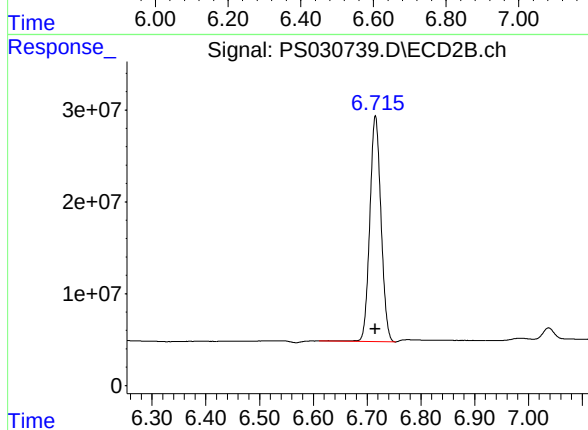
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 586490543
Conc: 209.69 ng/ml



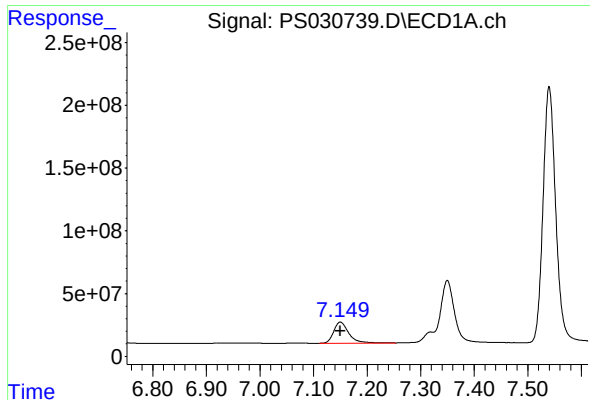
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 1200355707
Conc: 220.93 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 354959043
Conc: 217.93 ng/ml



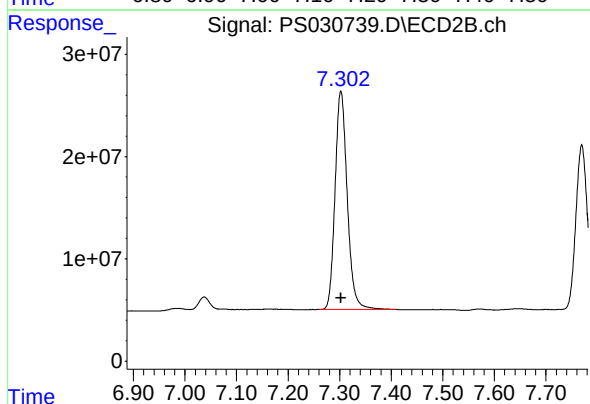
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 330195714
Conc: 207.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

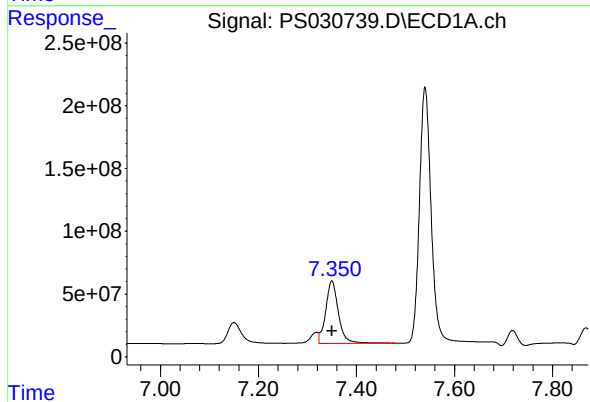
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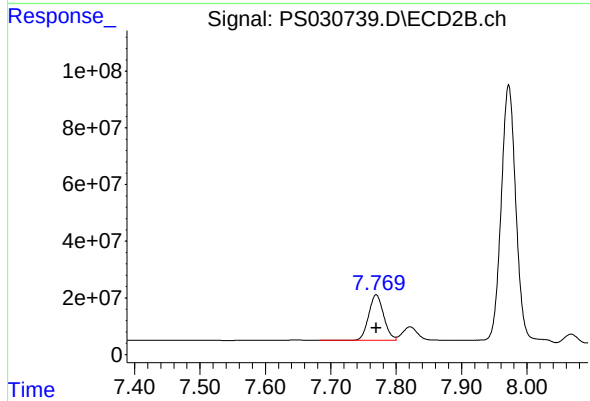
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 350347223
Conc: 199.99 ng/ml



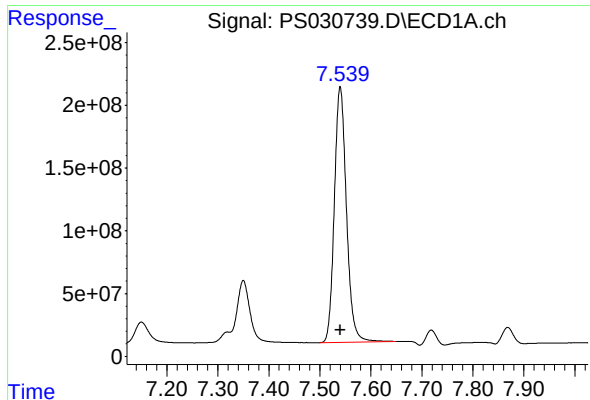
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 890240378
Conc: 238.92 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 256650055
Conc: 237.13 ng/ml



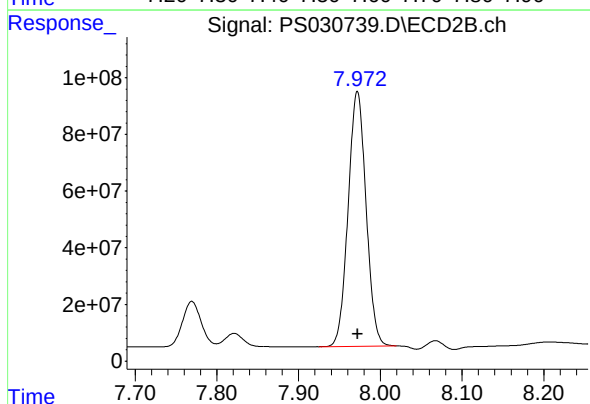
#5 DICAMBA

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 3345025510
Conc: 213.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

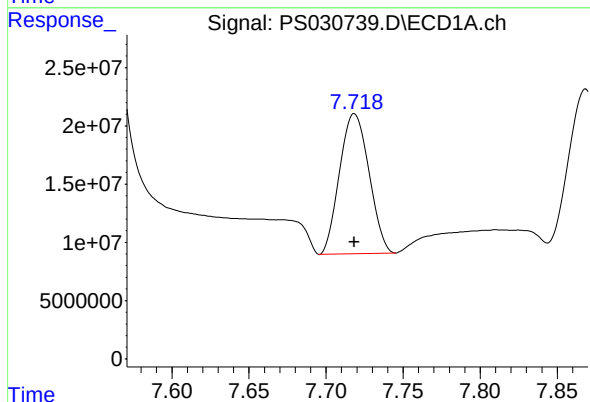
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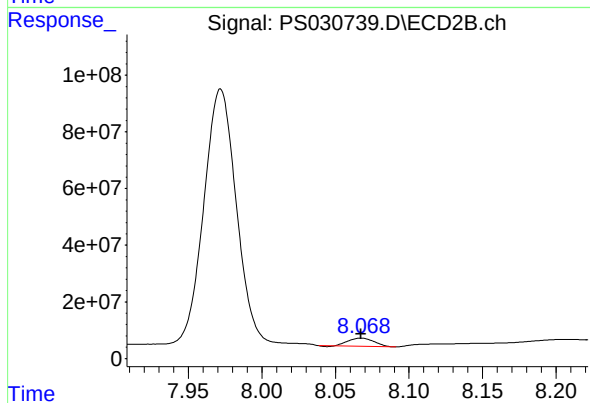
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 1373334985
Conc: 207.02 ng/ml



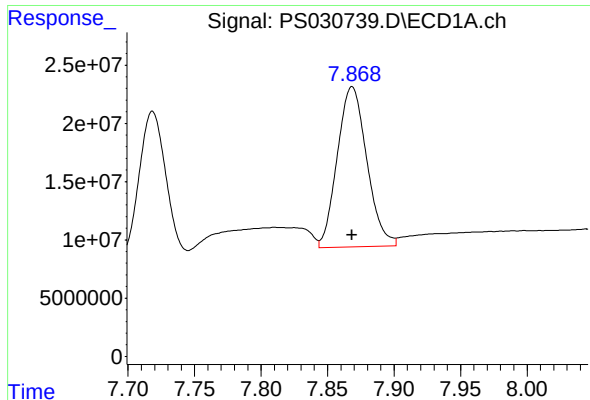
#6 MCPP

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 158987678
Conc: 16.56 ug/ml



#6 MCPP

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 35228767
Conc: 16.29 ug/ml



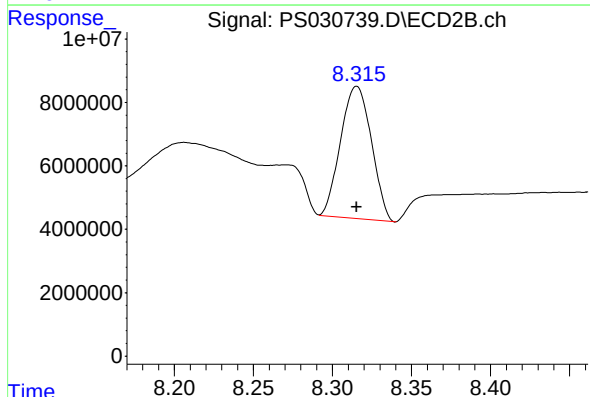
#7 MCPA

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 212651278
Conc: 17.88 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

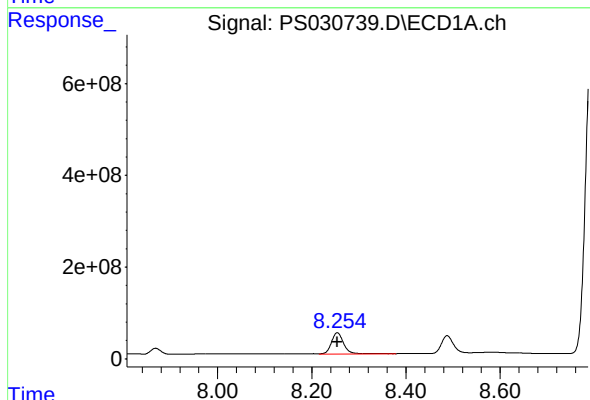
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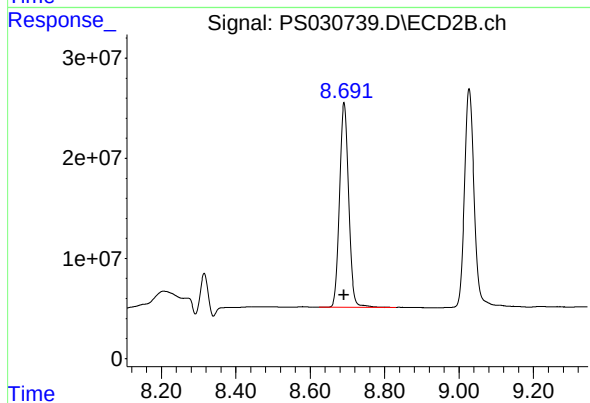
#7 MCPA

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 56624493
Conc: 17.77 ug/ml



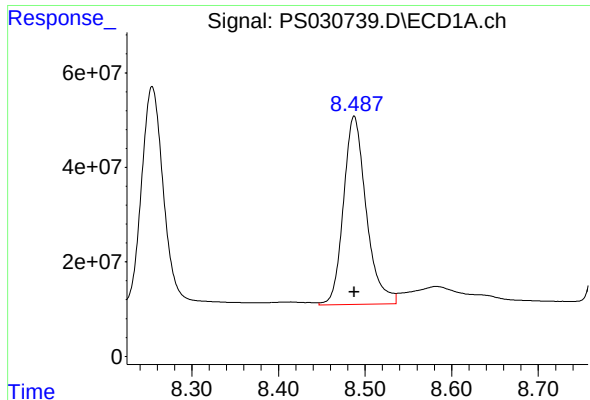
#8 DICHLORPROP

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 871875298
Conc: 236.18 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 348773849
Conc: 225.53 ng/ml



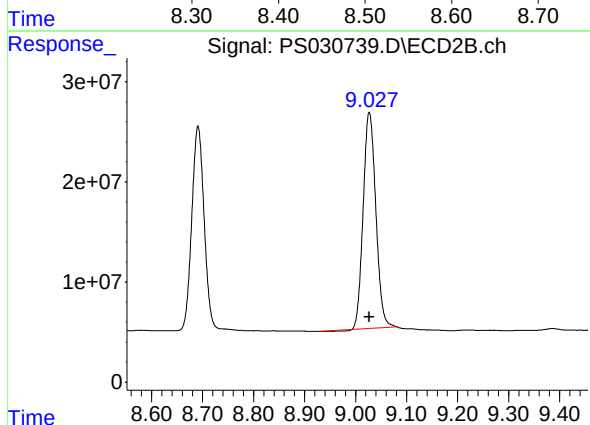
#9 2,4-D

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 727197428
Conc: 214.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

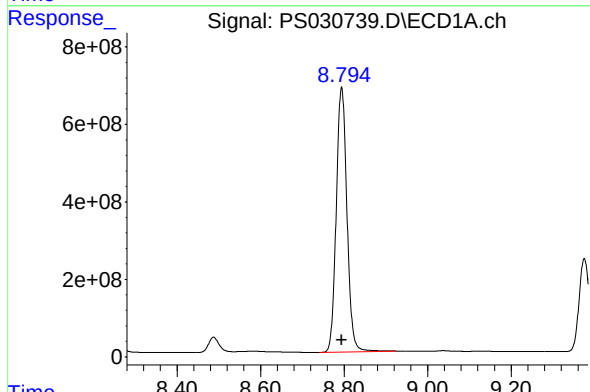
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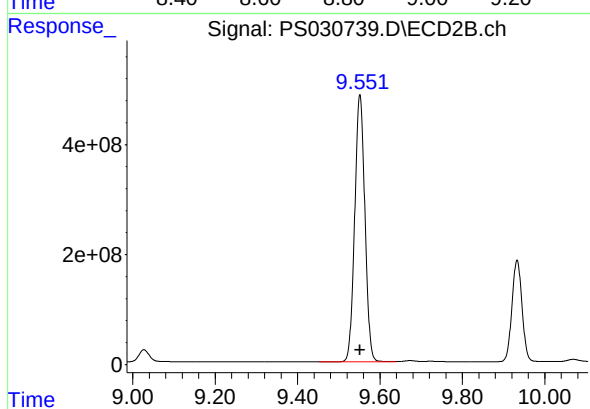
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 369521496
Conc: 221.84 ng/ml



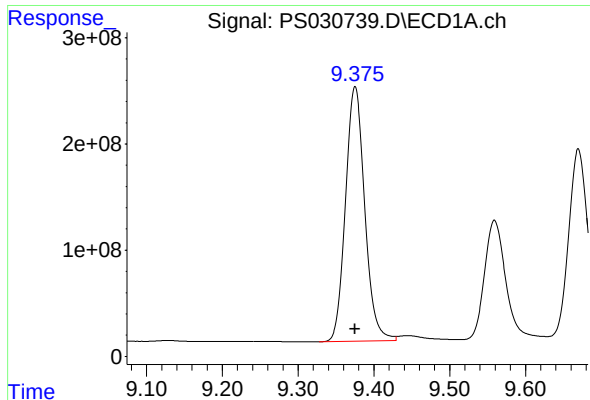
#10 Pentachlorophenol

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 12128248123
Conc: 234.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 8330812577
Conc: 217.85 ng/ml



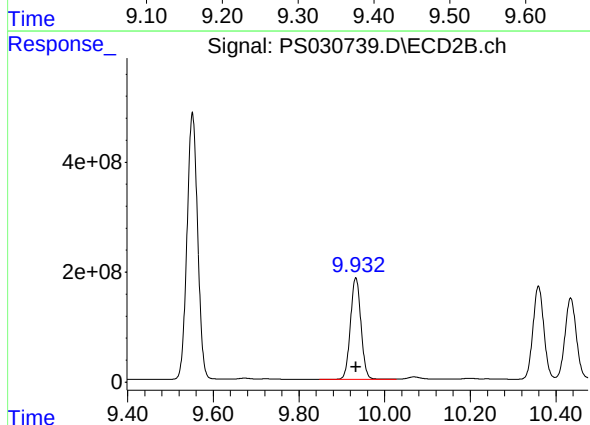
#11 2,4,5-TP (SILVEX)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 4233669041
Conc: 210.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

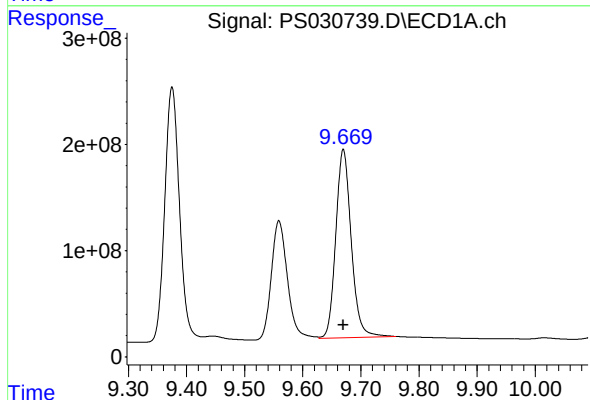
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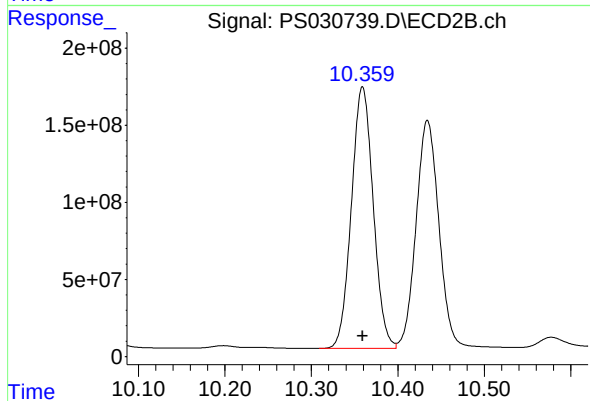
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 3133806660
Conc: 216.69 ng/ml



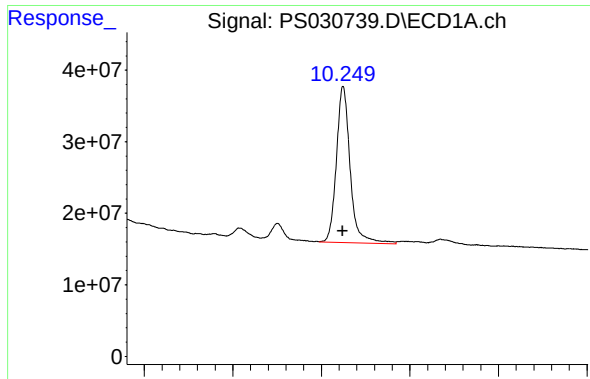
#12 2,4,5-T

R.T.: 9.670 min
Delta R.T.: 0.000 min
Response: 3278778995
Conc: 196.02 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 2973293568
Conc: 214.90 ng/ml



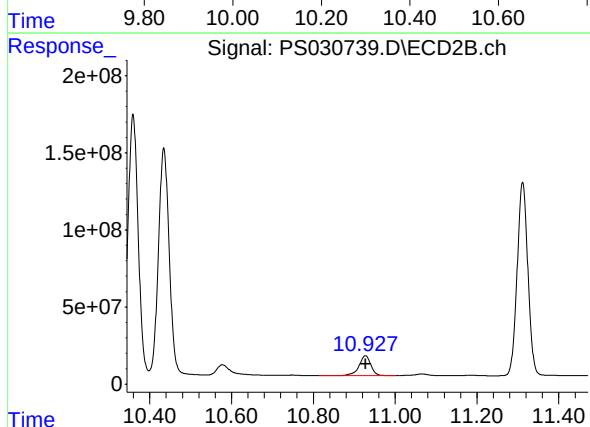
#13 2,4-DB

R.T.: 10.249 min
Delta R.T.: 0.000 min
Response: 471504086
Conc: 193.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

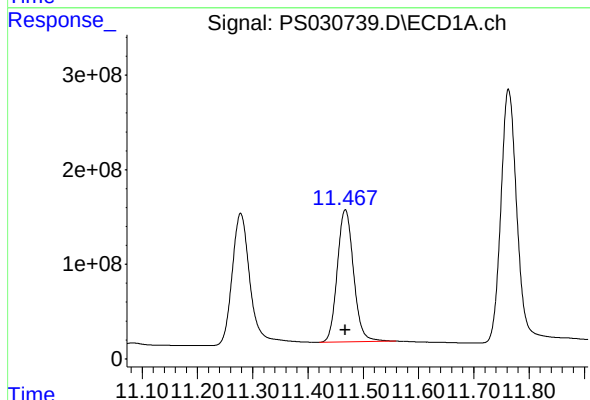
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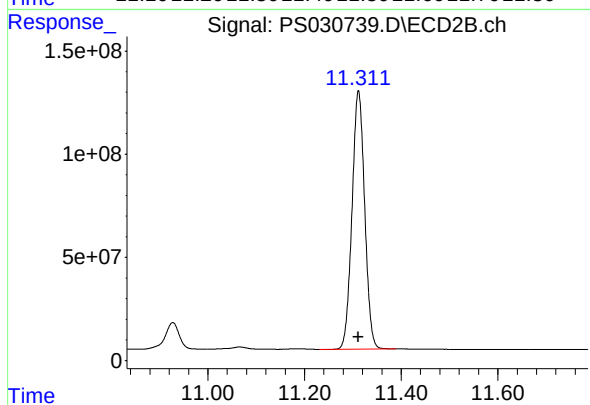
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.000 min
Response: 260930449
Conc: 218.86 ng/ml



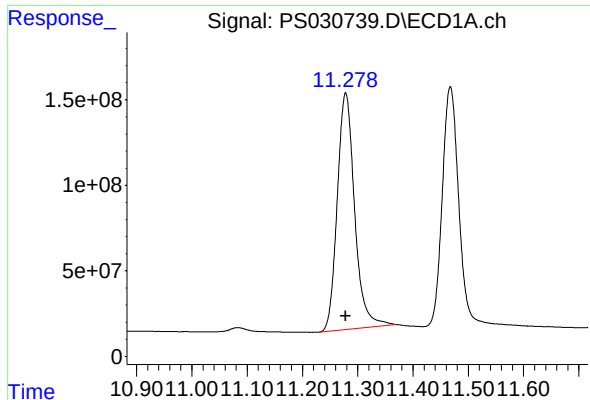
#14 DINOSEB

R.T.: 11.468 min
Delta R.T.: 0.000 min
Response: 2859823165
Conc: 204.68 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.000 min
Response: 2274687746
Conc: 209.76 ng/ml



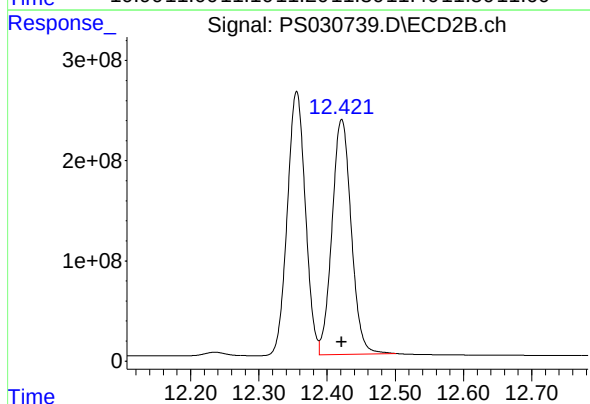
#15 Picloram

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 3022613176
Conc: 185.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

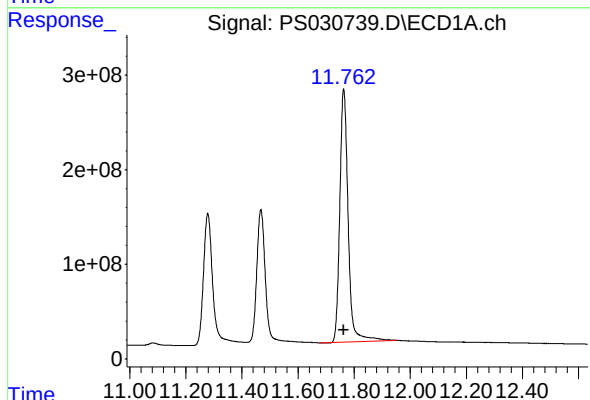
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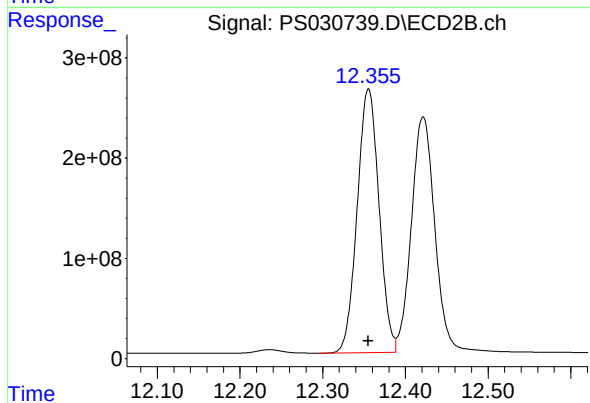
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.000 min
Response: 4586919644
Conc: 196.10 ng/ml



#16 DCPA

R.T.: 11.763 min
Delta R.T.: 0.000 min
Response: 5510575707
Conc: 213.25 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 4823707672
Conc: 217.13 ng/ml