

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 11:01
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:21:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:13:04 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	6.942	7.467	607.6E6	161.5E6	232.374	221.995
Target Compounds							
1) T	Dalapon	2.449	2.525	844.5E6	380.3E6	193.384m	208.714
2) T	3,5-DICHL...	6.146	6.463	802.7E6	206.9E6	212.813	205.094
3) T	4-Nitroph...	6.733	7.001	383.7E6	162.2E6	206.288	204.354
5) T	DICAMBA	7.118	7.653	2150.4E6	774.6E6	208.534	196.353
6) T	MCP	7.295	7.758	112.8E6	31299306	18.132	18.050
7) T	MCPA	7.437	7.988	169.4E6	48918025	19.260	20.374
8) T	DICHLORPROP	7.799	8.348	584.1E6	218.7E6	217.778	210.088
9) T	2,4-D	8.021	8.661	635.4E6	244.2E6	214.810	209.141
10) T	Pentachlo...	8.298	9.163	7828.1E6	4208.5E6	211.528	201.368
11) T	2,4,5-TP ...	8.862	9.542	3080.5E6	1679.9E6	212.416	201.589
12) T	2,4,5-T	9.145	9.947	3136.0E6	1619.8E6	213.126	204.001
13) T	2,4-DB	9.704	10.507	483.4E6	167.7E6	206.590	206.030
14) T	DINOSEB	10.866	10.881	2266.8E6	1229.2E6	211.888	204.977
15) T	Picloram	10.686	11.918	3927.9E6	2710.5E6	208.185	221.777m
16) T	DCPA	11.167	11.918	3823.9E6	2388.5E6	214.204	203.950m

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

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Acq On : 23 Apr 2025 11:01
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

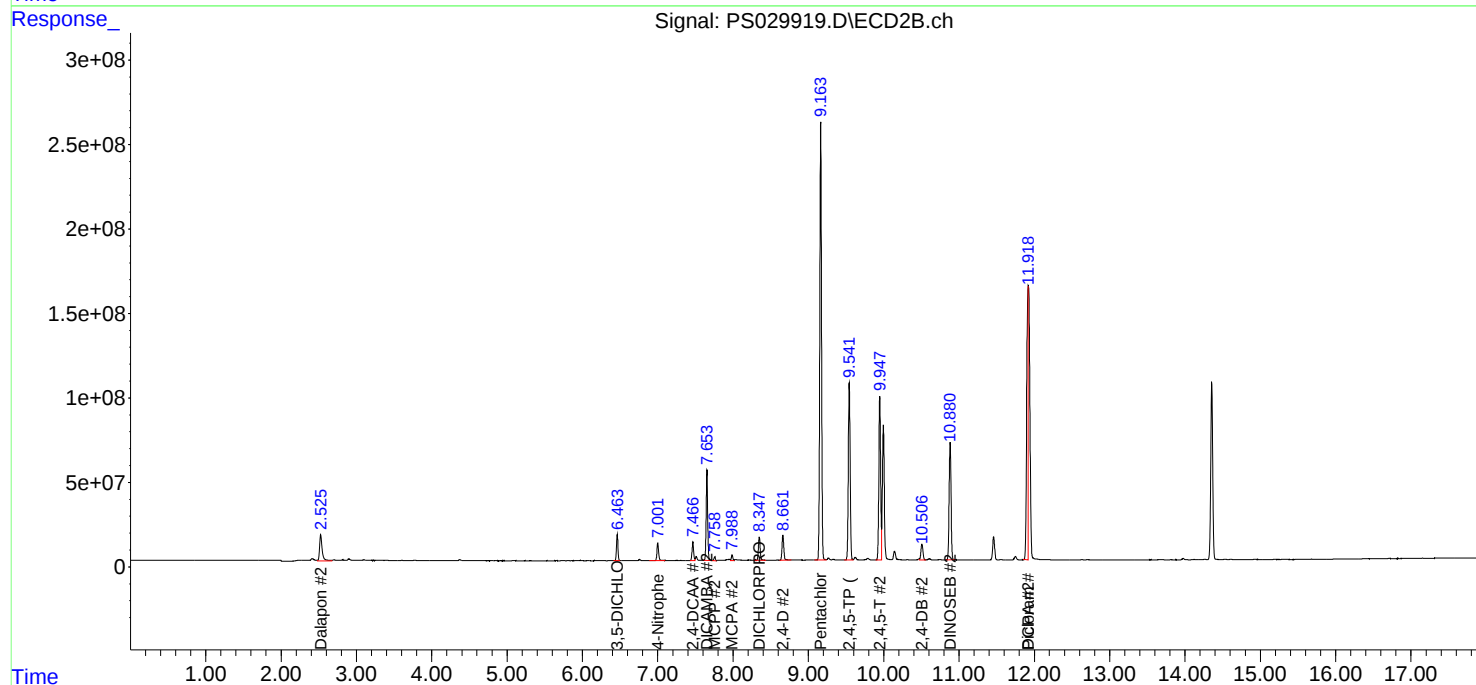
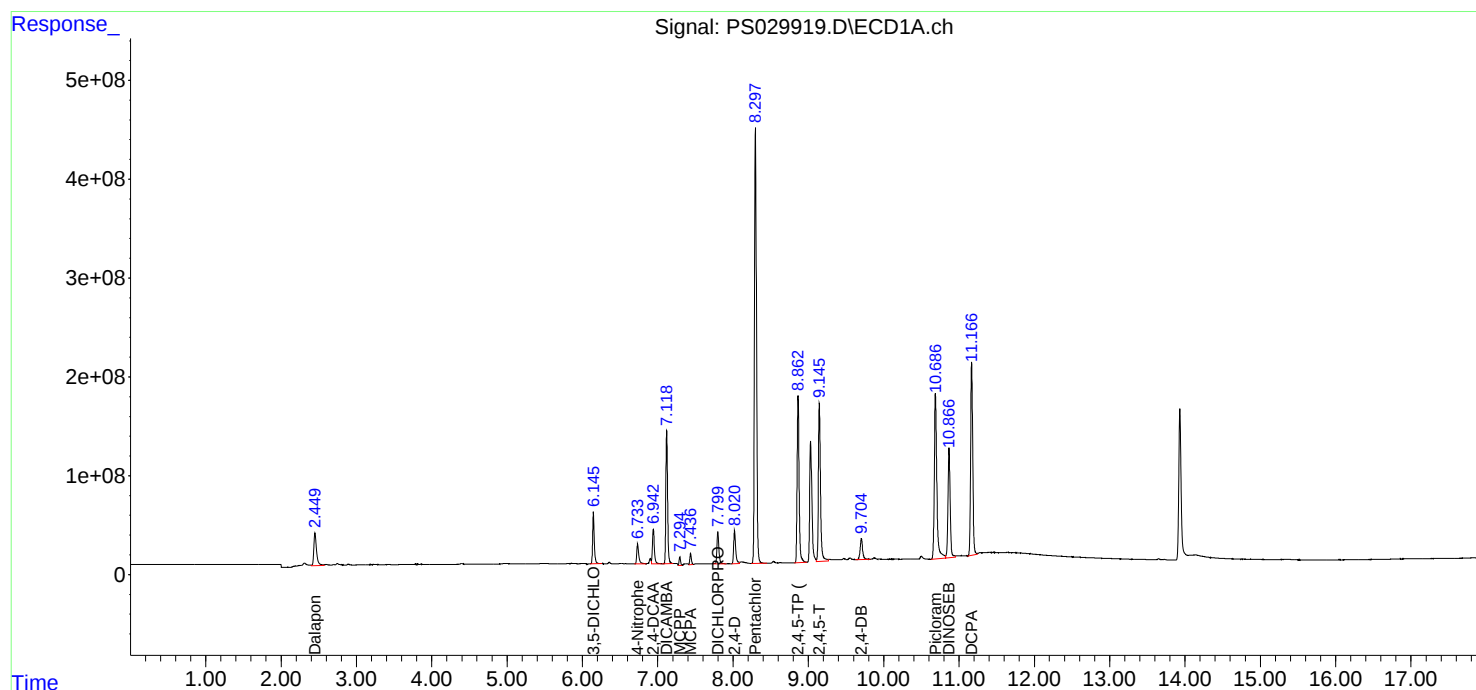
Instrument :
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ClientSampleId :
HSTDICC200

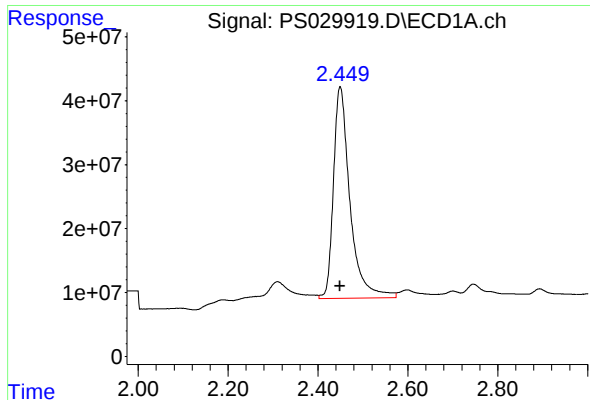
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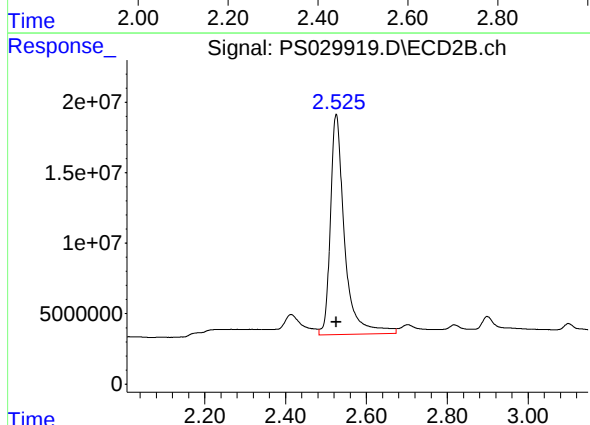
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 844471314
Conc: 193.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

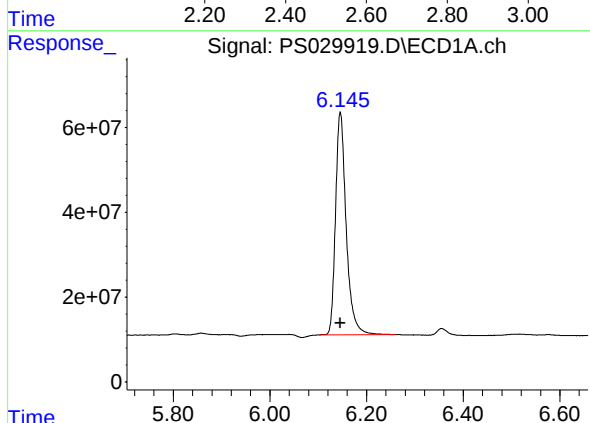
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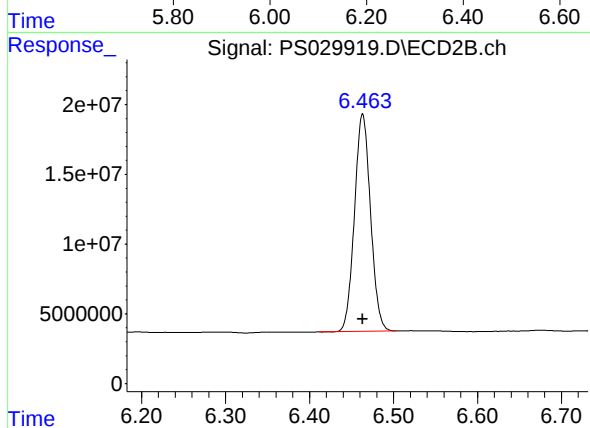
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 380305456
Conc: 208.71 ng/ml



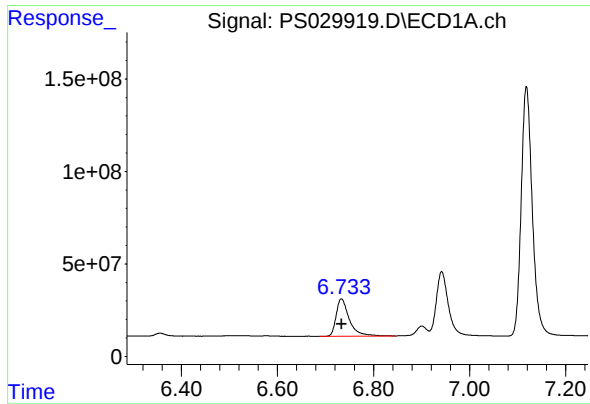
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 802682173
Conc: 212.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 206925954
Conc: 205.09 ng/ml



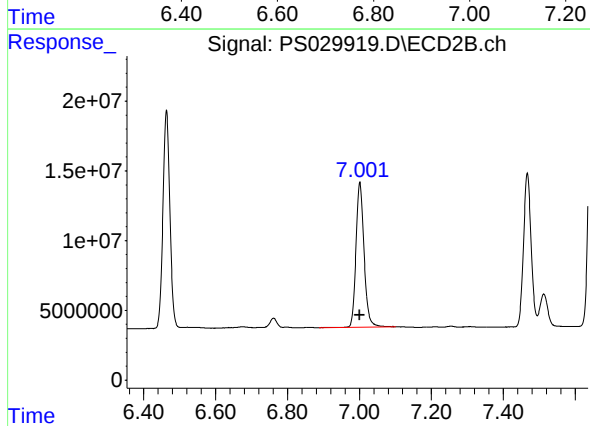
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 383695461
Conc: 206.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

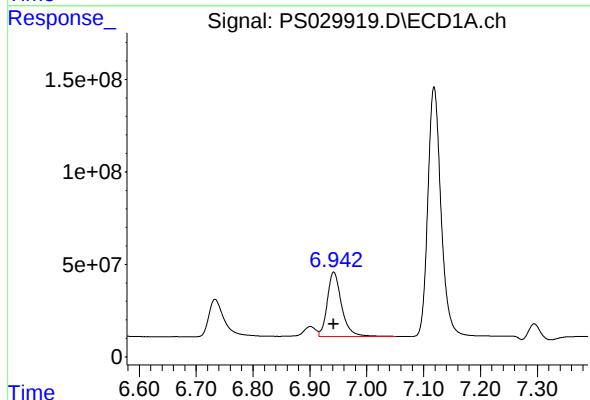
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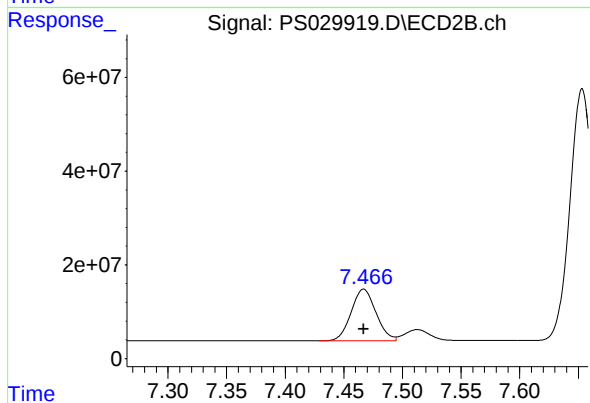
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 162220636
Conc: 204.35 ng/ml



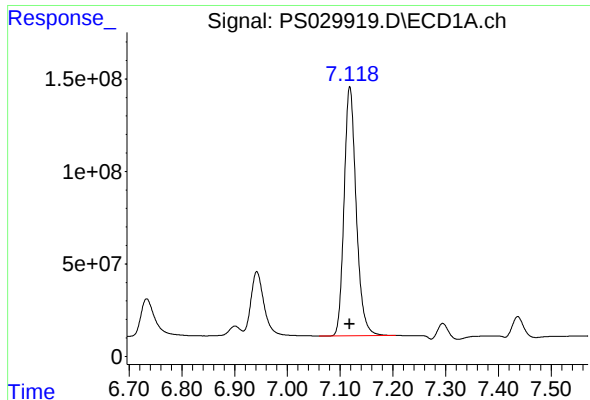
#4 2,4-DCAA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 607649568
Conc: 232.37 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 161527736
Conc: 221.99 ng/ml



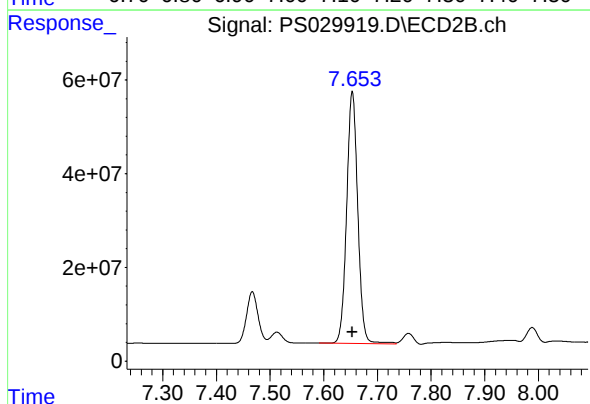
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 2150414141
Conc: 208.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

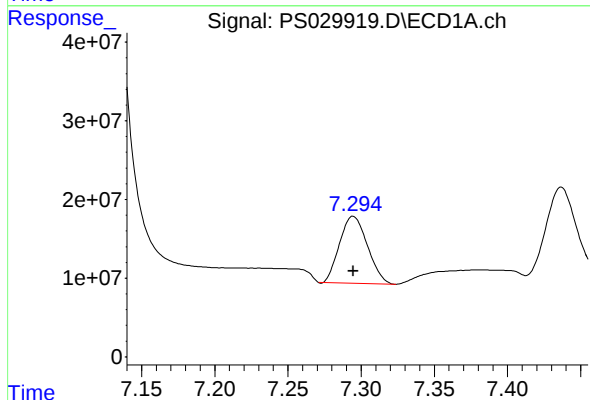
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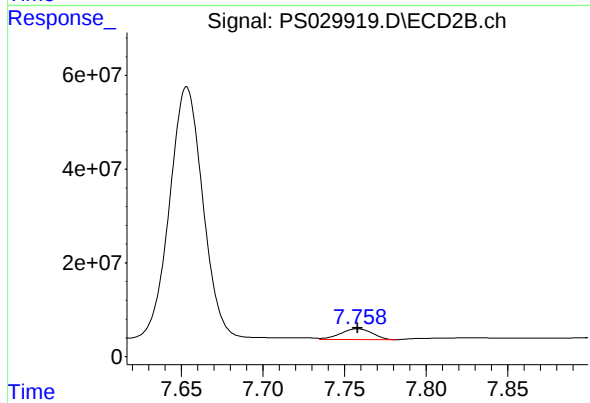
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 774585769
Conc: 196.35 ng/ml



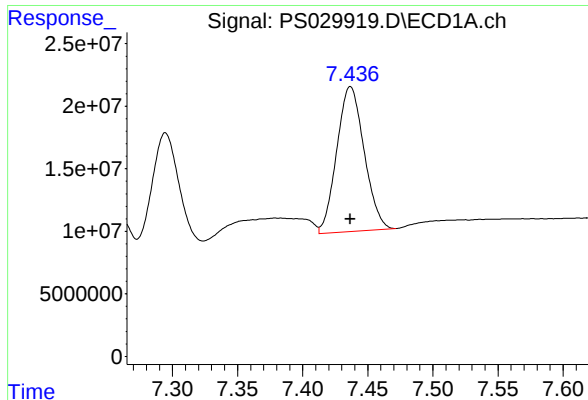
#6 MCPP

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 112779199
Conc: 18.13 ug/ml



#6 MCPP

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 31299306
Conc: 18.05 ug/ml



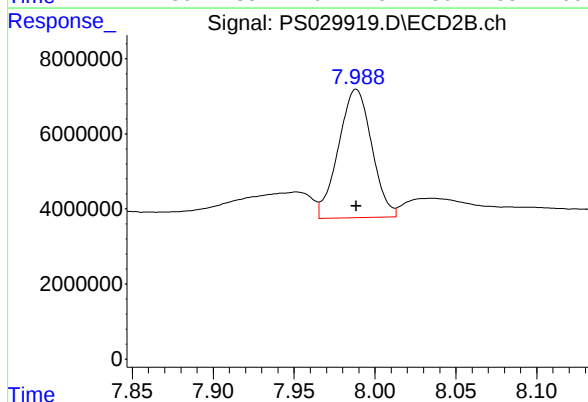
#7 MCPA

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 169402932
Conc: 19.26 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

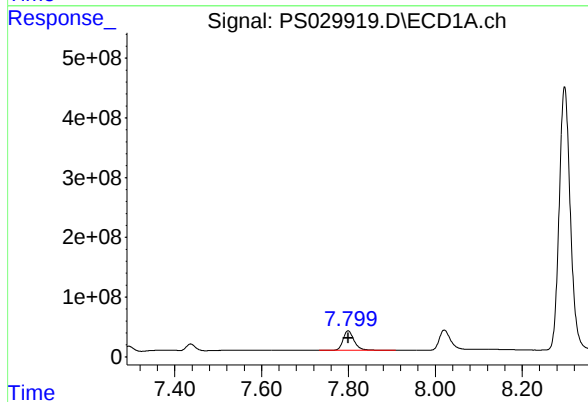
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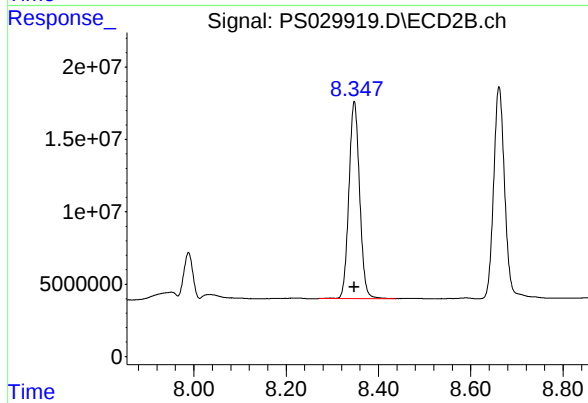
#7 MCPA

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 48918025
Conc: 20.37 ug/ml



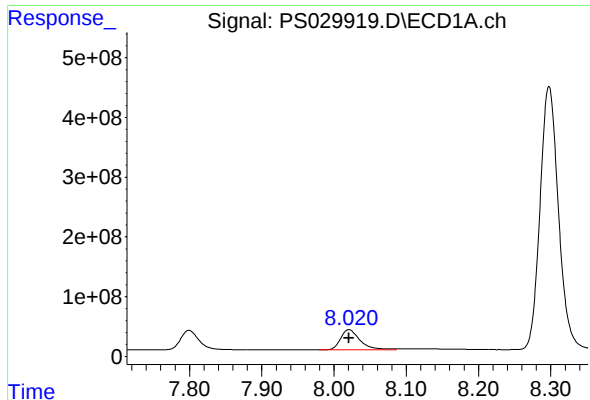
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 584067087
Conc: 217.78 ng/ml



#8 DICHLORPROP

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 218723918
Conc: 210.09 ng/ml



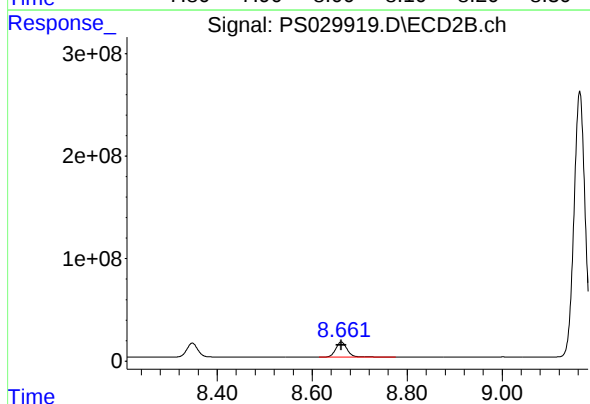
#9 2,4-D

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 635351443
Conc: 214.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

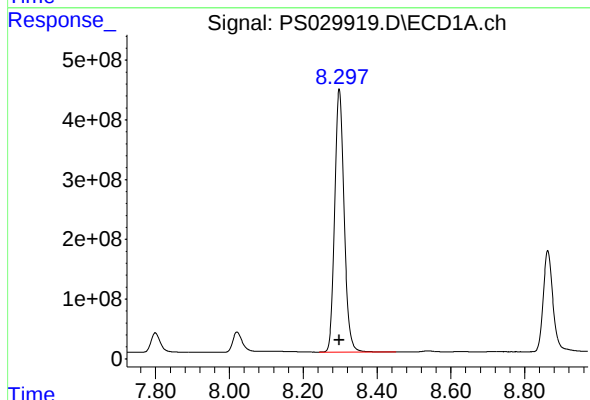
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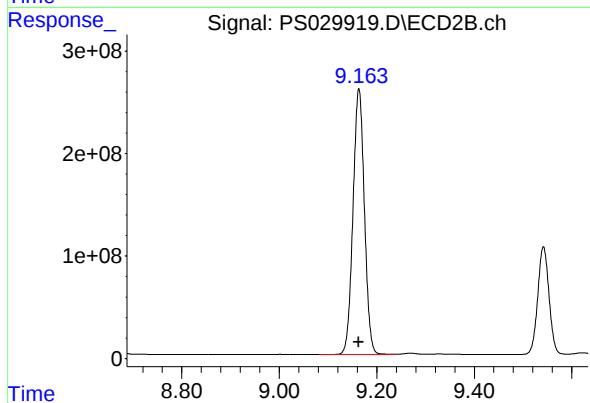
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 244229801
Conc: 209.14 ng/ml



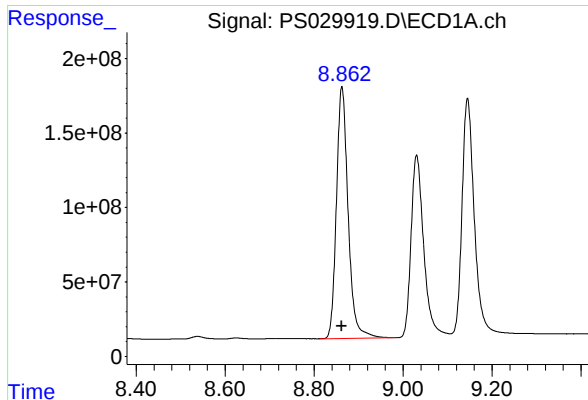
#10 Pentachlorophenol

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 7828106091
Conc: 211.53 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 4208465177
Conc: 201.37 ng/ml



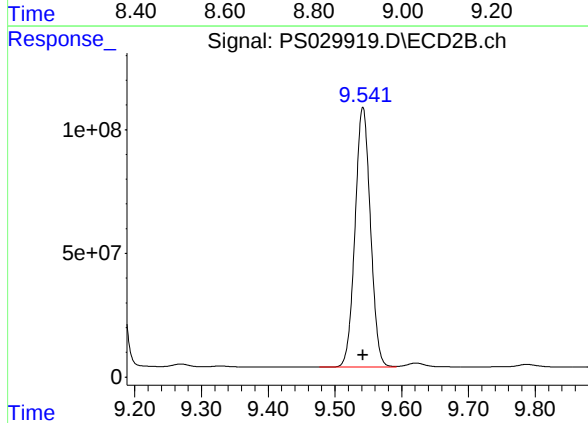
#11 2,4,5-TP (SILVEX)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 3080510531
Conc: 212.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

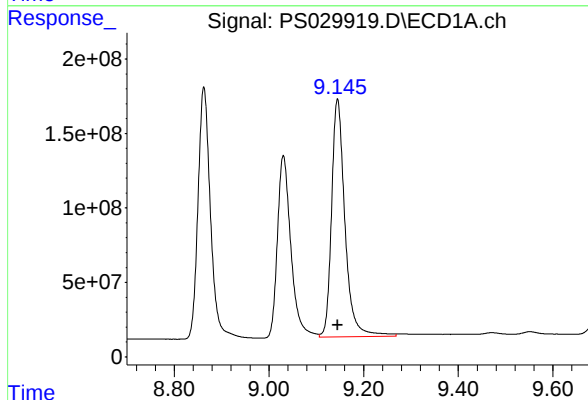
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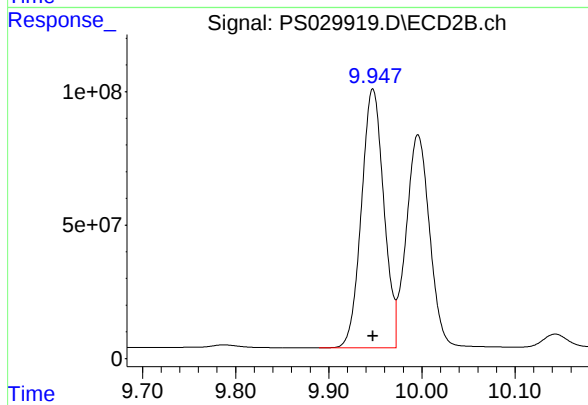
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 1679940962
Conc: 201.59 ng/ml



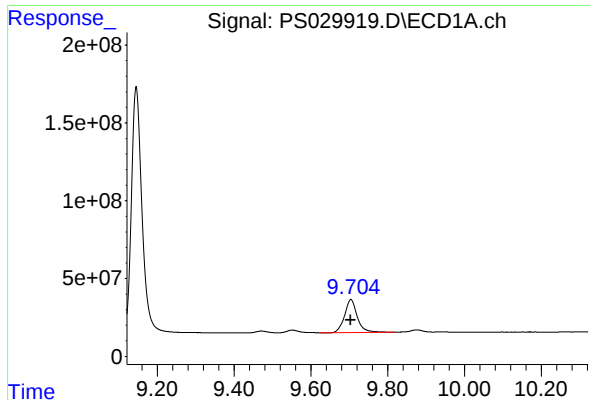
#12 2,4,5-T

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 3136007230
Conc: 213.13 ng/ml



#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 1619770655
Conc: 204.00 ng/ml



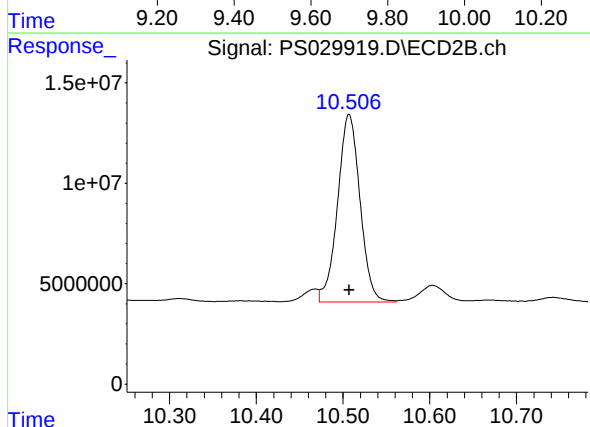
#13 2,4-DB

R.T.: 9.704 min
Delta R.T.: 0.000 min
Response: 483428317
Conc: 206.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

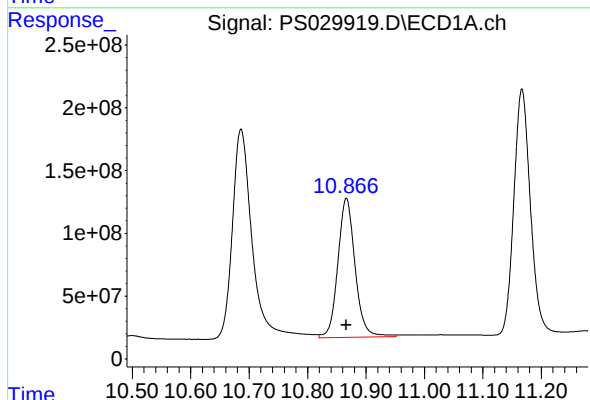
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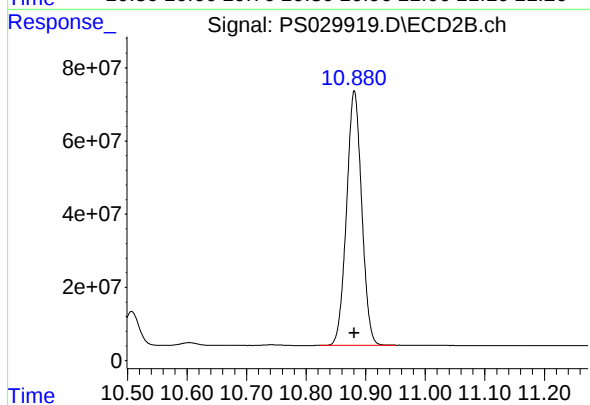
#13 2,4-DB

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 167703688
Conc: 206.03 ng/ml



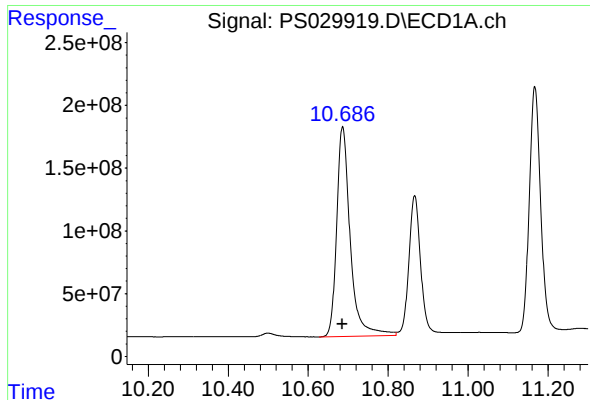
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 2266806582
Conc: 211.89 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 1229173921
Conc: 204.98 ng/ml



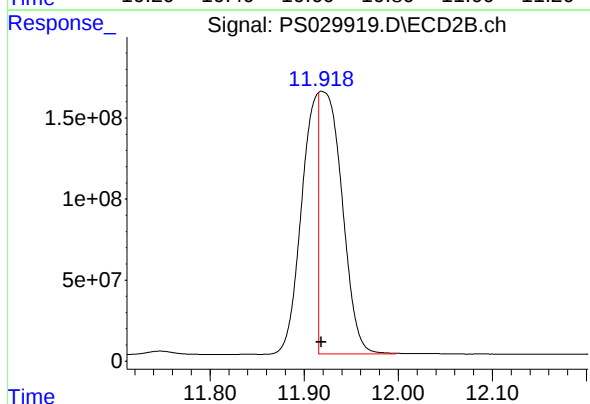
#15 Picloram

R.T.: 10.686 min
Delta R.T.: 0.000 min
Response: 3927930714
Conc: 208.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

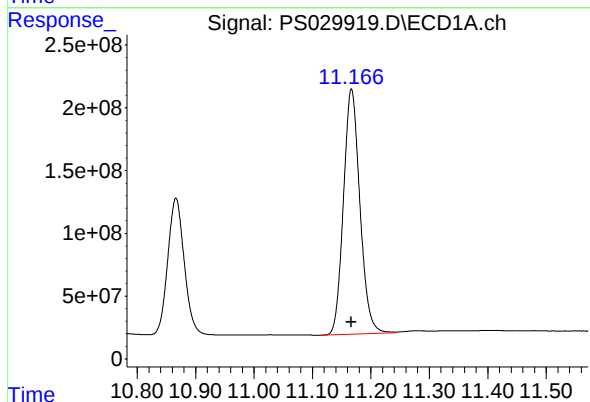
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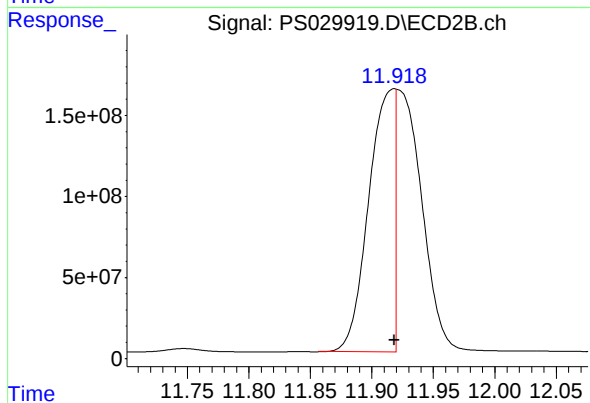
#15 Picloram

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2710469284
Conc: 221.78 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 3823873526
Conc: 214.20 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2388549576
Conc: 203.95 ng/ml m