

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032725\
 Data File : PS029544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 12:36
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/27/2025
 Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 13:51:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032625.M
 Quant Title : 8080.M
 QLast Update : Wed Mar 26 13:51:08 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 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	7.132	7.546	860.1E6	198.3E6	205.399	209.310
Target Compounds							
1) T	Dalapon	2.597	2.612	1206.0E6	487.8E6	174.774	210.352
2) T	3,5-DICHL...	6.321	6.535	1111.8E6	277.6E6	182.267	197.628
3) T	4-Nitroph...	6.915	7.090	9175803	173.4E6	10.812m	189.363 #
5) T	DICAMBA	7.302	7.733	4020.2E6	972.9E6	211.125	178.828
6) T	MCPD	7.474	7.833	198.5E6	42552224	15.048	17.166
7) T	MCPA	7.620	8.068	224.1E6	55610249	14.191	17.170
8) T	DICHLORPROP	8.002	8.437	920.4E6	252.4E6	210.746	201.362
9) T	2,4-D	8.256	8.763	591.2E6	281.3E6	151.153	202.491 #
10) T	Pentachlo...	8.514	9.263	14249.2E6	4776.1E6	227.861	192.046
11) T	2,4,5-TP ...	9.095	9.642	4563.5E6	1821.7E6	187.440	187.531
12) T	2,4,5-T	9.407	10.055	2702.3E6	1610.6E6	132.314	179.836 #
13) T	2,4-DB	10.000f	10.614	66310874	166.3E6	45.037	181.245 #
14) T	DINOSEB	11.135	10.983	3392.5E6	1249.0E6	186.384	189.373
15) T	Picloram	10.939f	12.051	373.1E6	2218.4E6	31.421	155.490 #
16) T	DCPA	11.431	12.008	5548.8E6	2387.0E6	186.243	189.397

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032725\
Data File : PS029544.D
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Acq On : 26 Mar 2025 12:36
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

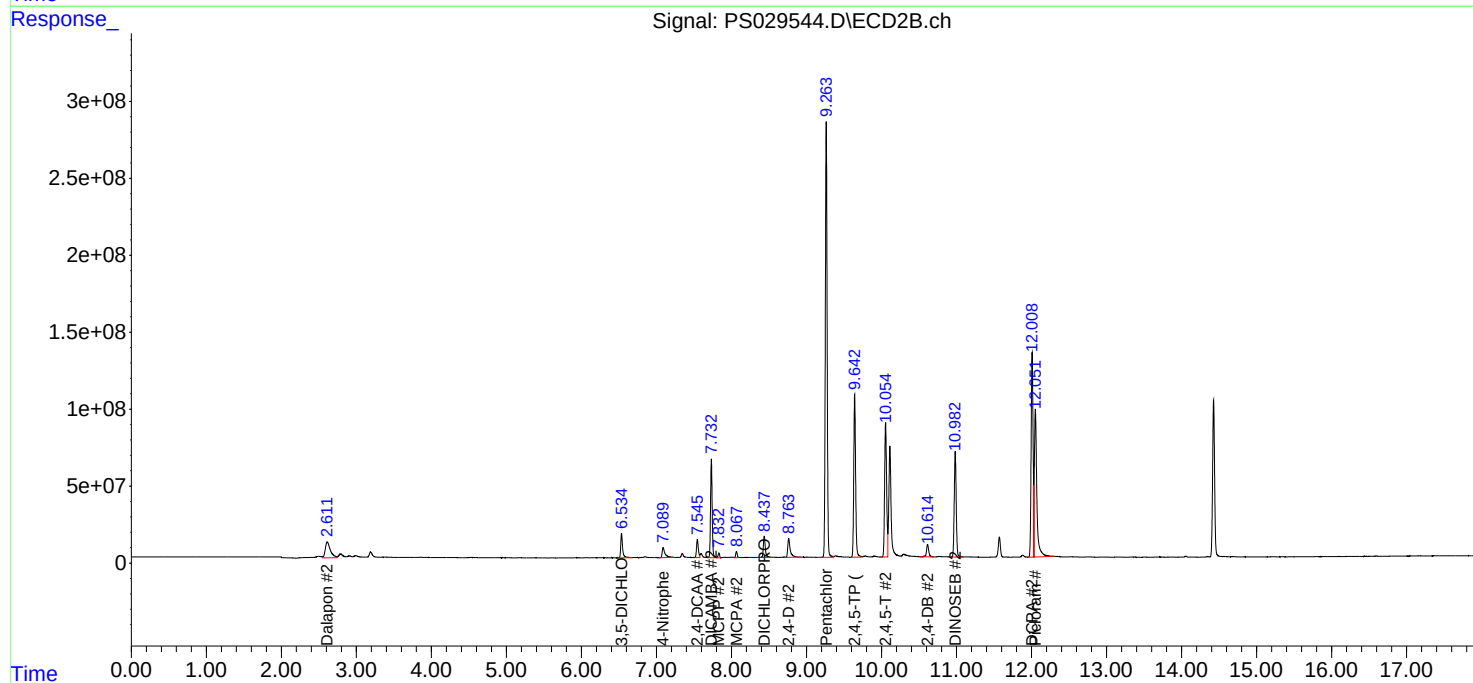
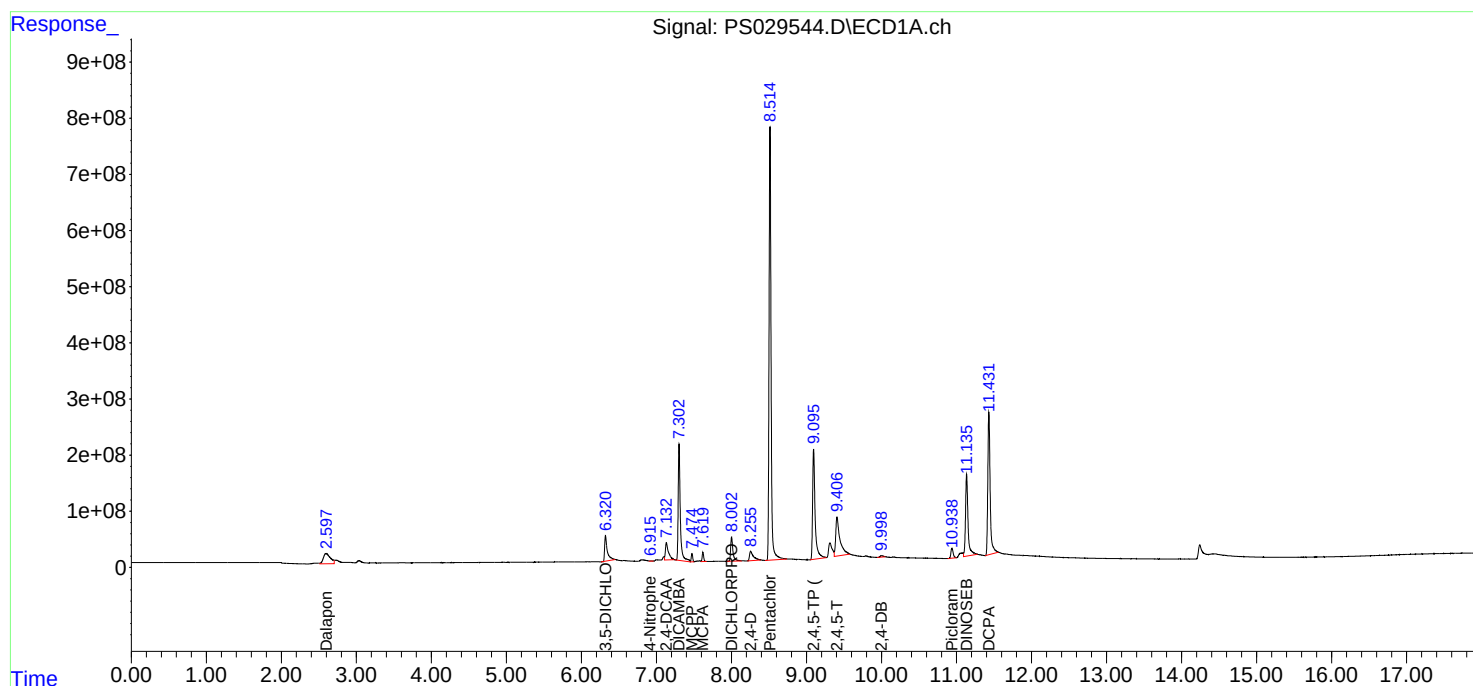
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

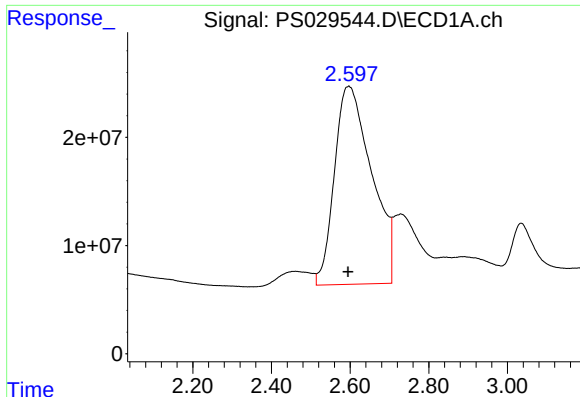
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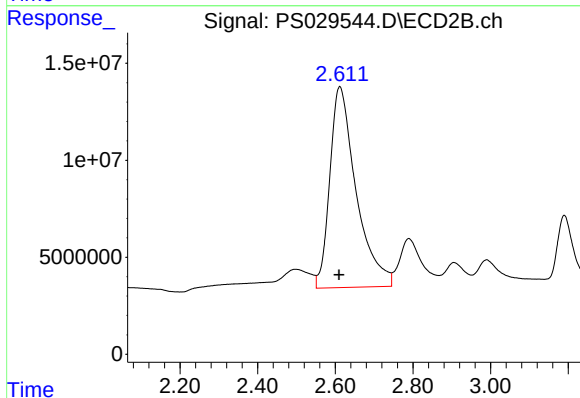
#1 Dalapon

R.T.: 2.597 min
Delta R.T.: 0.002 min
Response: 1205971570
Conc: 174.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

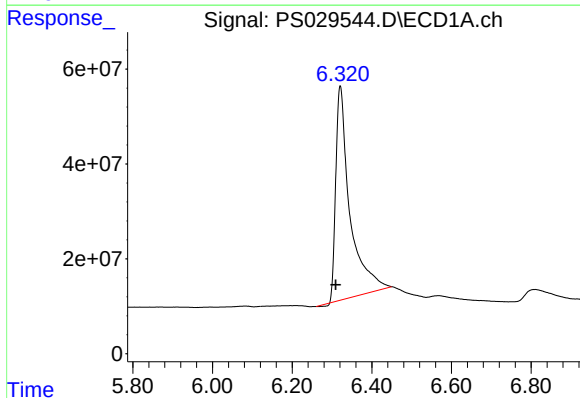
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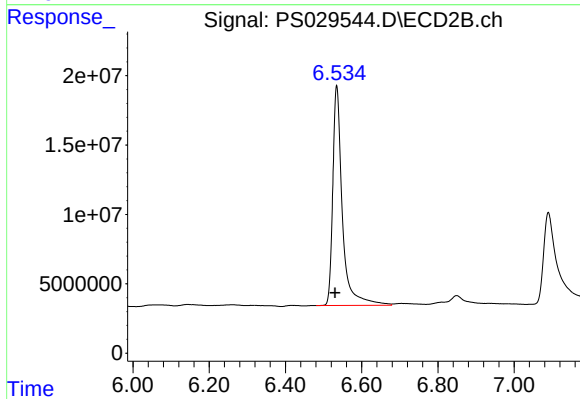
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: 0.002 min
Response: 487780006
Conc: 210.35 ng/ml



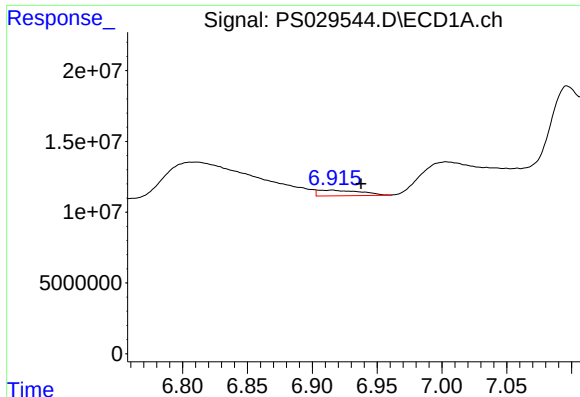
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.321 min
Delta R.T.: 0.011 min
Response: 1111833638
Conc: 182.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.535 min
Delta R.T.: 0.005 min
Response: 277643124
Conc: 197.63 ng/ml



#3 4-Nitrophenol

R.T.: 6.915 min
Delta R.T.: -0.022 min
Response: 9175803
Conc: 10.81 ng/ml

Instrument :

ECD_S

ClientSampleId :

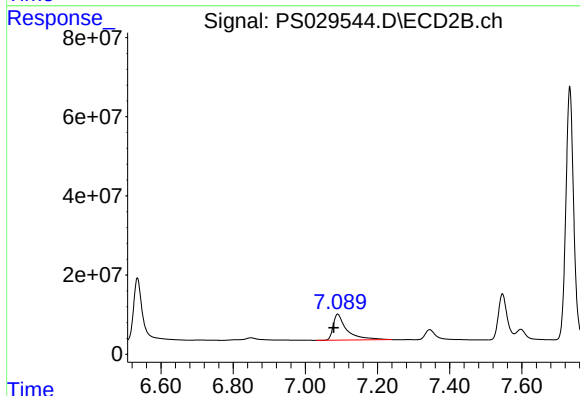
HSTDICC200

Manual Integrations

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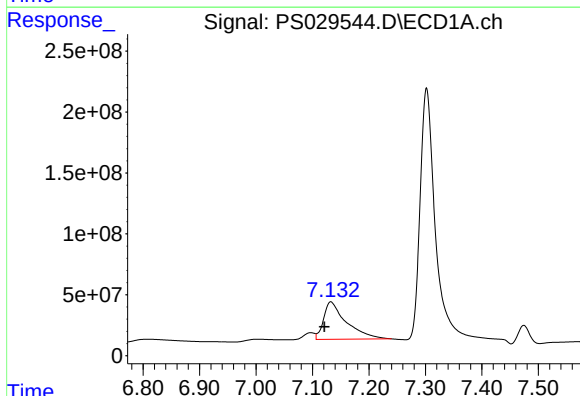
Reviewed By :Abdul Mirza 03/27/2025

Supervised By :mohammad ahmed 03/28/2025



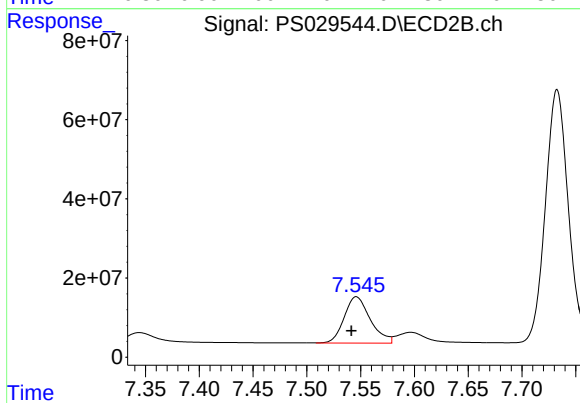
#3 4-Nitrophenol

R.T.: 7.090 min
Delta R.T.: 0.011 min
Response: 173415464
Conc: 189.36 ng/ml



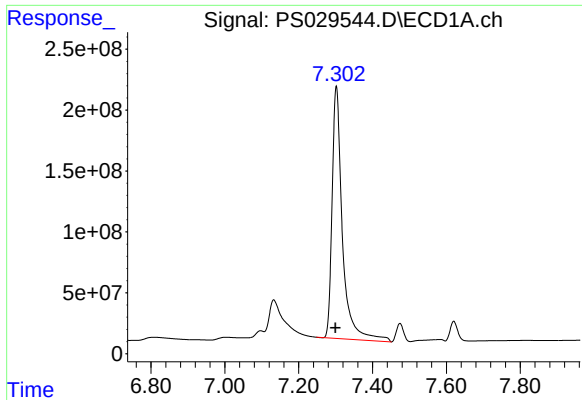
#4 2,4-DCAA

R.T.: 7.132 min
Delta R.T.: 0.011 min
Response: 860062740
Conc: 205.40 ng/ml



#4 2,4-DCAA

R.T.: 7.546 min
Delta R.T.: 0.004 min
Response: 198316141
Conc: 209.31 ng/ml



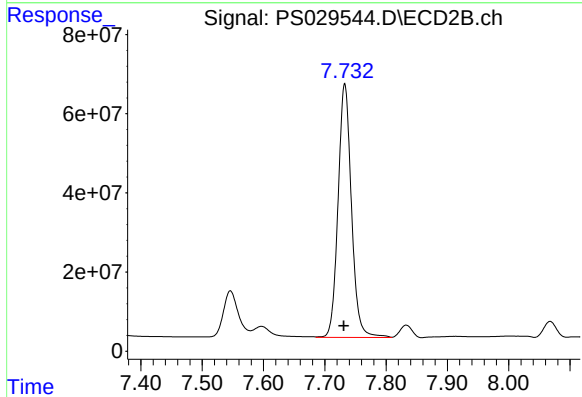
#5 DICAMBA

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 4020169869
Conc: 211.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

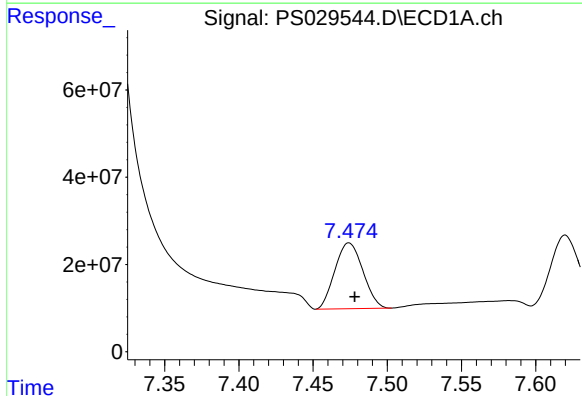
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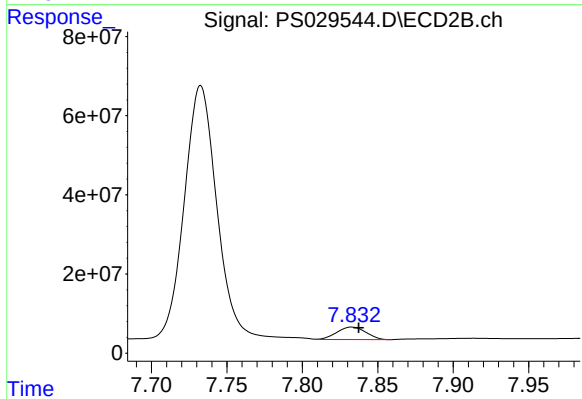
#5 DICAMBA

R.T.: 7.733 min
Delta R.T.: 0.002 min
Response: 972892985
Conc: 178.83 ng/ml



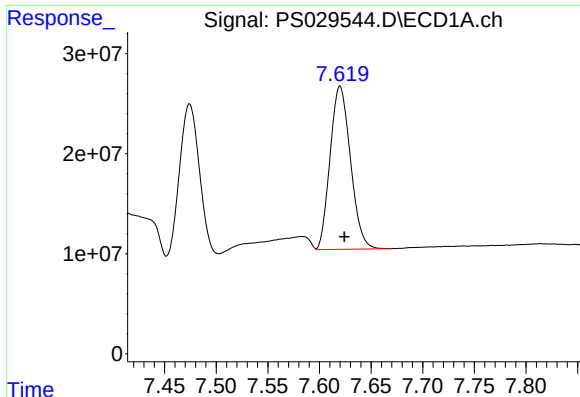
#6 MCP

R.T.: 7.474 min
Delta R.T.: -0.004 min
Response: 198533125
Conc: 15.05 ug/ml



#6 MCP

R.T.: 7.833 min
Delta R.T.: -0.004 min
Response: 42552224
Conc: 17.17 ug/ml



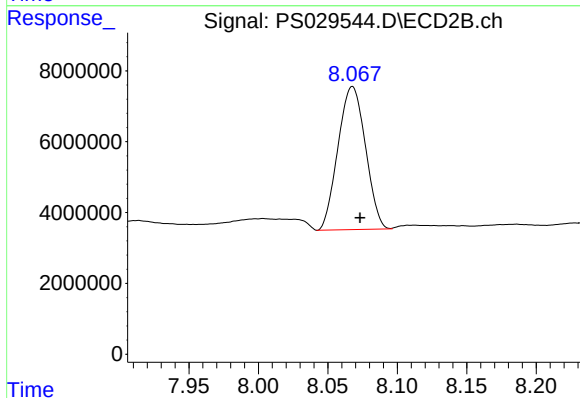
#7 MCPA

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 224117289
Conc: 14.19 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

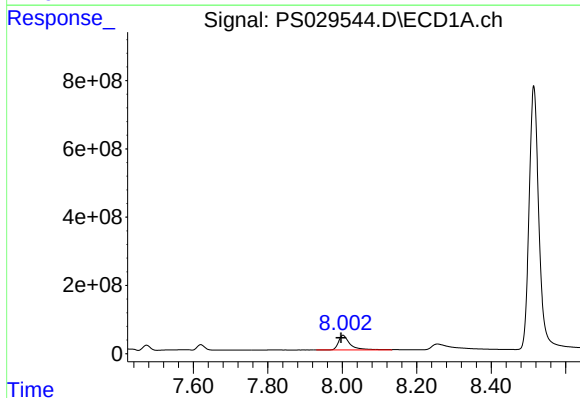
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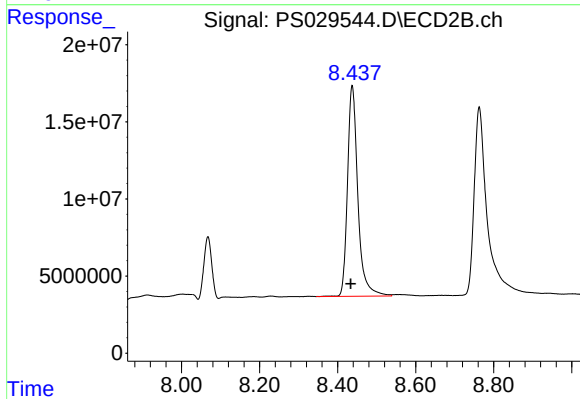
#7 MCPA

R.T.: 8.068 min
Delta R.T.: -0.006 min
Response: 55610249
Conc: 17.17 ug/ml



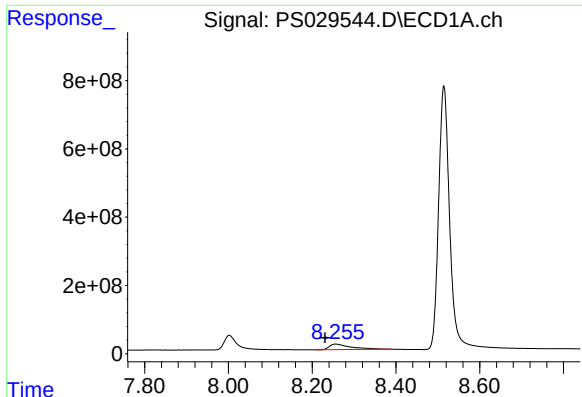
#8 DICHLORPROP

R.T.: 8.002 min
Delta R.T.: 0.006 min
Response: 920409988
Conc: 210.75 ng/ml



#8 DICHLORPROP

R.T.: 8.437 min
Delta R.T.: 0.004 min
Response: 252371867
Conc: 201.36 ng/ml



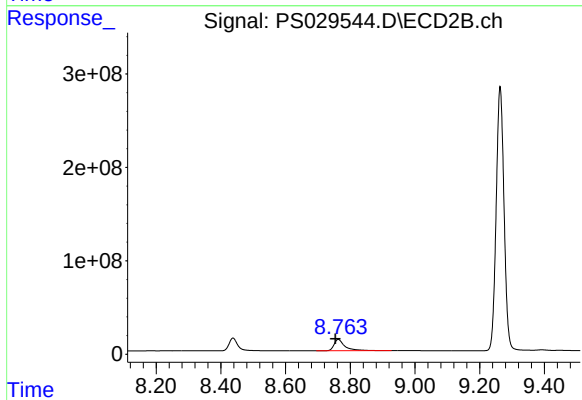
#9 2,4-D

R.T.: 8.256 min
Delta R.T.: 0.025 min
Response: 591221728
Conc: 151.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

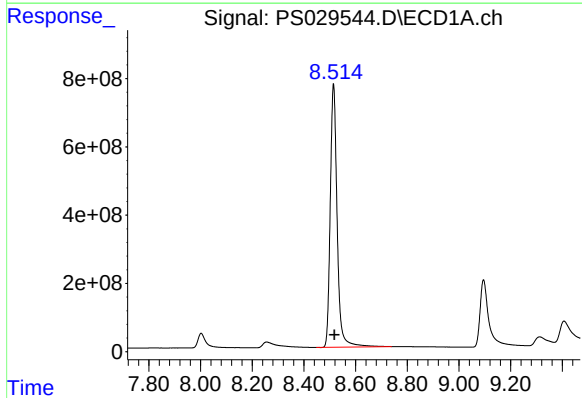
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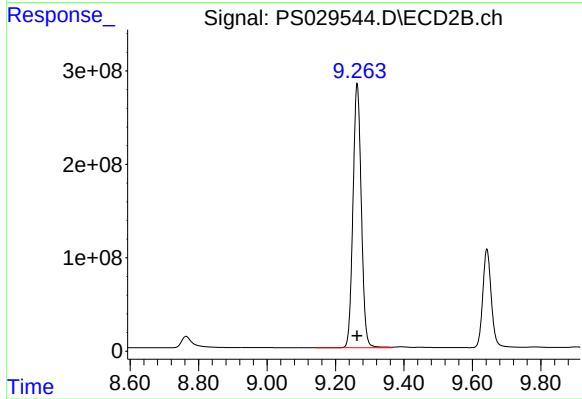
#9 2,4-D

R.T.: 8.763 min
Delta R.T.: 0.009 min
Response: 281334587
Conc: 202.49 ng/ml



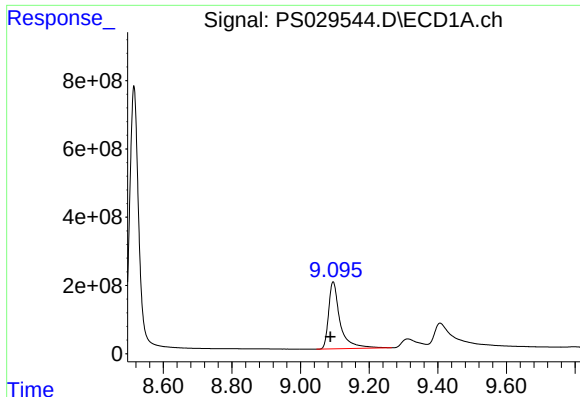
#10 Pentachlorophenol

R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 14249221429
Conc: 227.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.263 min
Delta R.T.: 0.000 min
Response: 4776138616
Conc: 192.05 ng/ml



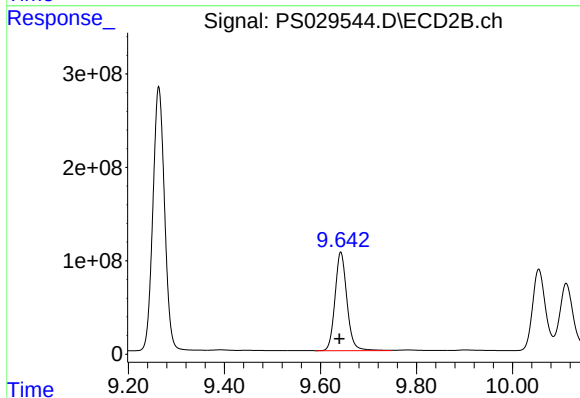
#11 2,4,5-TP (SILVEX)

R.T.: 9.095 min
Delta R.T.: 0.007 min
Response: 4563498279
Conc: 187.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

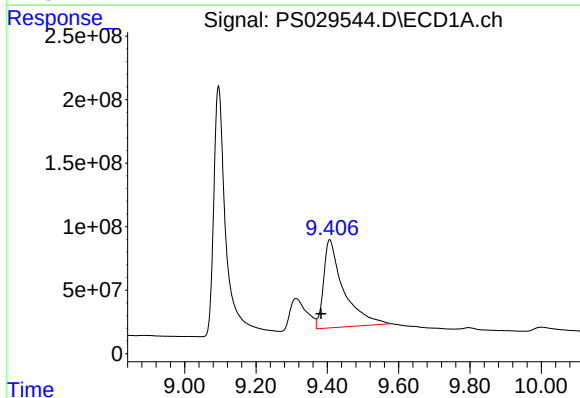
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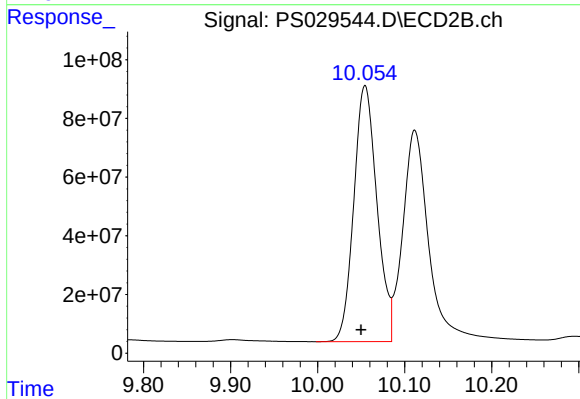
#11 2,4,5-TP (SILVEX)

R.T.: 9.642 min
Delta R.T.: 0.003 min
Response: 1821715195
Conc: 187.53 ng/ml



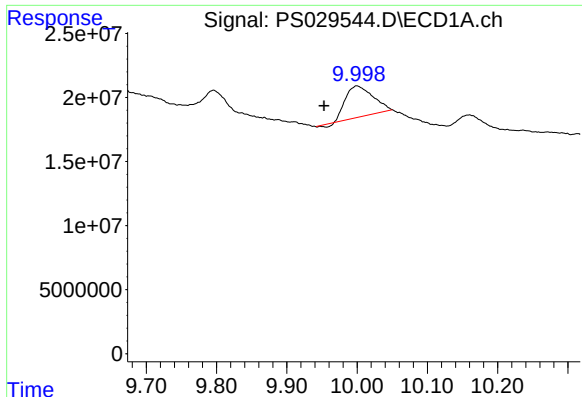
#12 2,4,5-T

R.T.: 9.407 min
Delta R.T.: 0.025 min
Response: 2702269217
Conc: 132.31 ng/ml



#12 2,4,5-T

R.T.: 10.055 min
Delta R.T.: 0.005 min
Response: 1610585068
Conc: 179.84 ng/ml



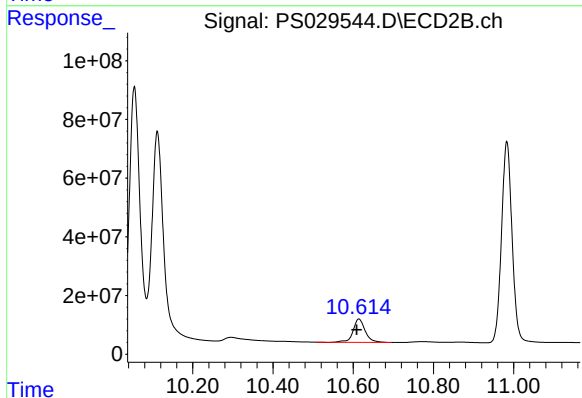
#13 2,4-DB

R.T.: 10.000 min
Delta R.T.: 0.047 min
Response: 66310874
Conc: 45.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

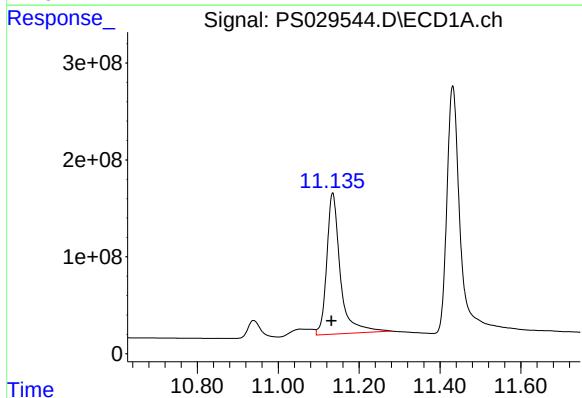
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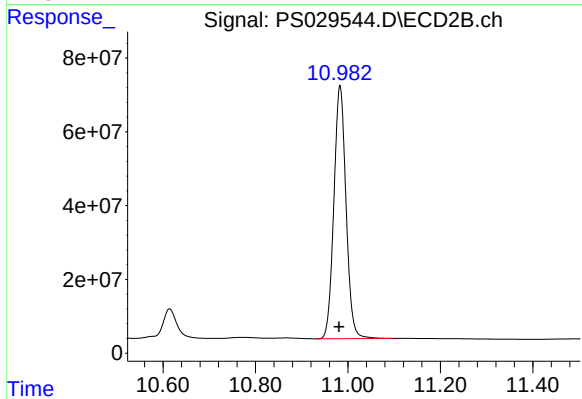
#13 2,4-DB

R.T.: 10.614 min
Delta R.T.: 0.005 min
Response: 166317820
Conc: 181.24 ng/ml



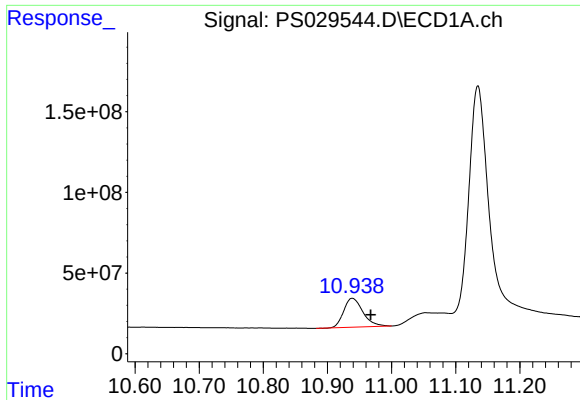
#14 DINOSEB

R.T.: 11.135 min
Delta R.T.: 0.003 min
Response: 3392517498
Conc: 186.38 ng/ml



#14 DINOSEB

R.T.: 10.983 min
Delta R.T.: 0.002 min
Response: 1248957321
Conc: 189.37 ng/ml



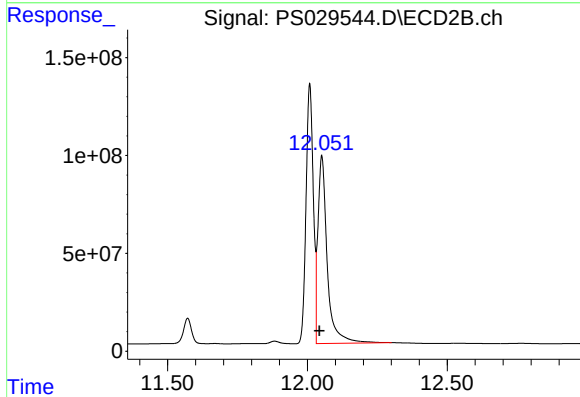
#15 Picloram

R.T.: 10.939 min
Delta R.T.: -0.029 min
Response: 373062022
Conc: 31.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

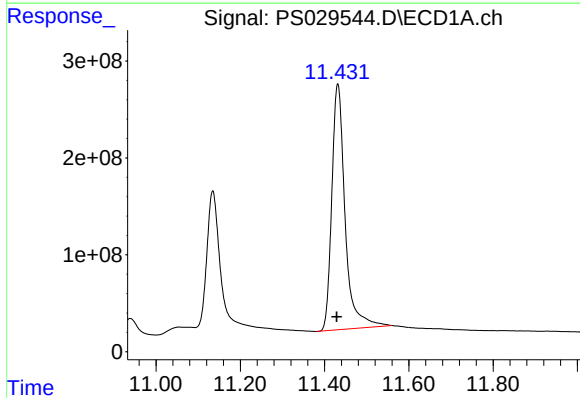
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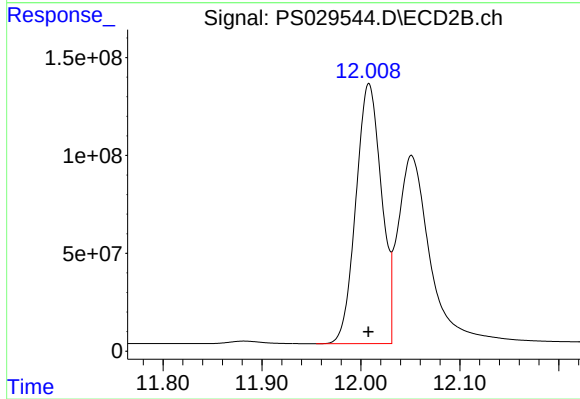
#15 Picloram

R.T.: 12.051 min
Delta R.T.: 0.008 min
Response: 2218382598
Conc: 155.49 ng/ml



#16 DCPA

R.T.: 11.431 min
Delta R.T.: 0.002 min
Response: 5548848054
Conc: 186.24 ng/ml



#16 DCPA

R.T.: 12.008 min
Delta R.T.: 0.000 min
Response: 2387047934
Conc: 189.40 ng/ml