

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052725\
 Data File : PS030417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 18:23
 Operator : AR\AJ
 Sample : PB168172BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168172BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/29/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 09:18:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.924	7.440	1345.2E6	331.0E6	472.364	413.622
Target Compounds							
1) T	Dalapon	2.441	2.512	1965.2E6	1385.2E6	399.802	682.011 #
2) T	3,5-DICHL...	6.130	6.442	1960.1E6	479.9E6	469.975	411.617
3) T	4-Nitroph...	6.715	6.976	826.7E6	382.7E6	400.198	366.561
5) T	DICAMBA	7.100	7.625	4789.5E6	1983.3E6	414.412	419.486
6) T	MCPD	7.278	7.732	248.1E6	63276414	34.068	34.394
7) T	MCPA	7.419	8.002	408.0E6	29396315	39.307	11.145 #
8) T	DICHLORPROP	7.779	8.316	1336.0E6	591.1E6	457.323	500.363
9) T	2,4-D	7.998	8.628	1677.0E6	605.7E6	511.437	469.347
10) T	Pentachlo...	8.275	9.126	19906.6E6	11624.0E6	491.512	470.892
11) T	2,4,5-TP ...	8.838	9.504	7668.9E6	4681.0E6	473.509m	475.211
12) T	2,4,5-T	9.120	9.908	7518.7E6	4044.4E6	455.260	439.434
13) T	2,4-DB	9.678	10.465	1284.7E6	408.8E6	492.263	411.937
14) T	DINOSEB	10.835	10.837	4778.2E6	2691.7E6	417.807	393.992m
15) T	Picloram	10.658	11.870	7683.0E6	5246.5E6	359.239	372.803m
16) T	DCPA	11.137	11.865f	9009.5E6	4371.9E6	452.480m	323.594m#

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

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Acq On : 27 May 2025 18:23
Operator : AR\AJ
Sample : PB168172BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

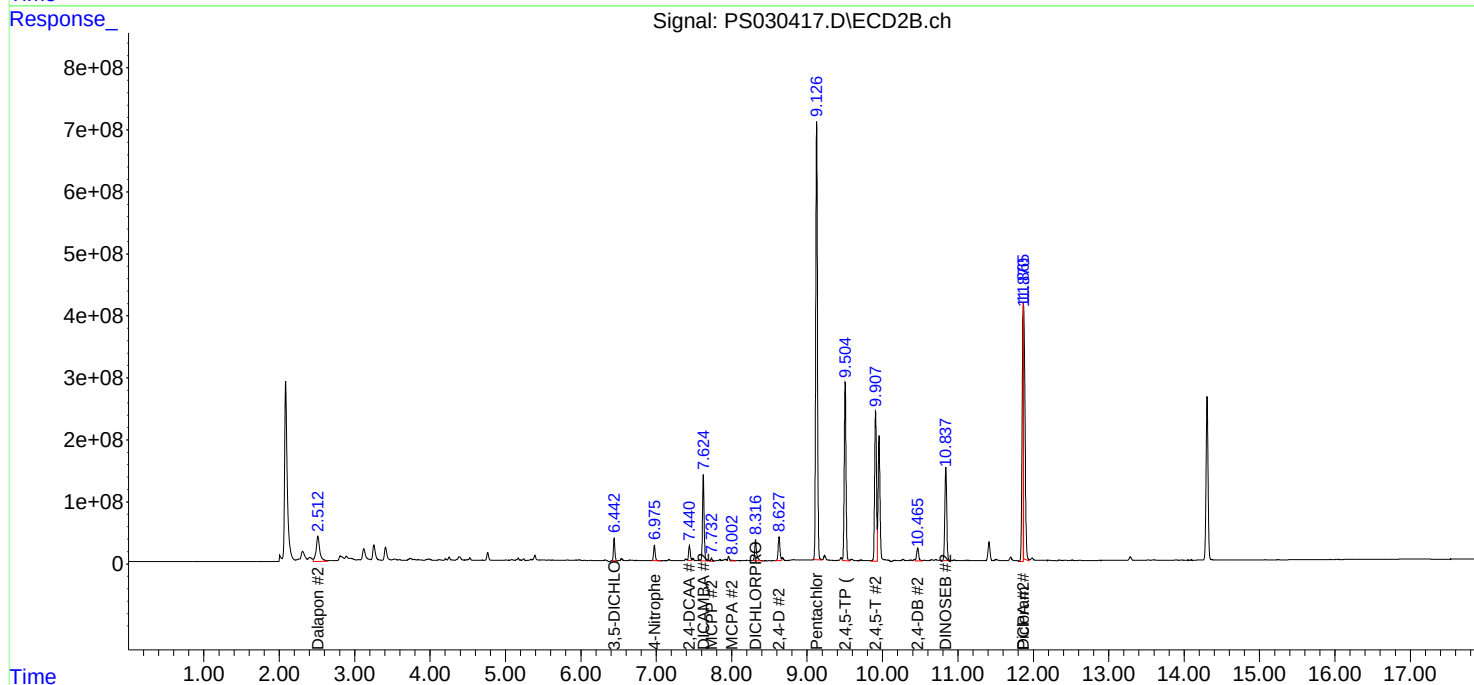
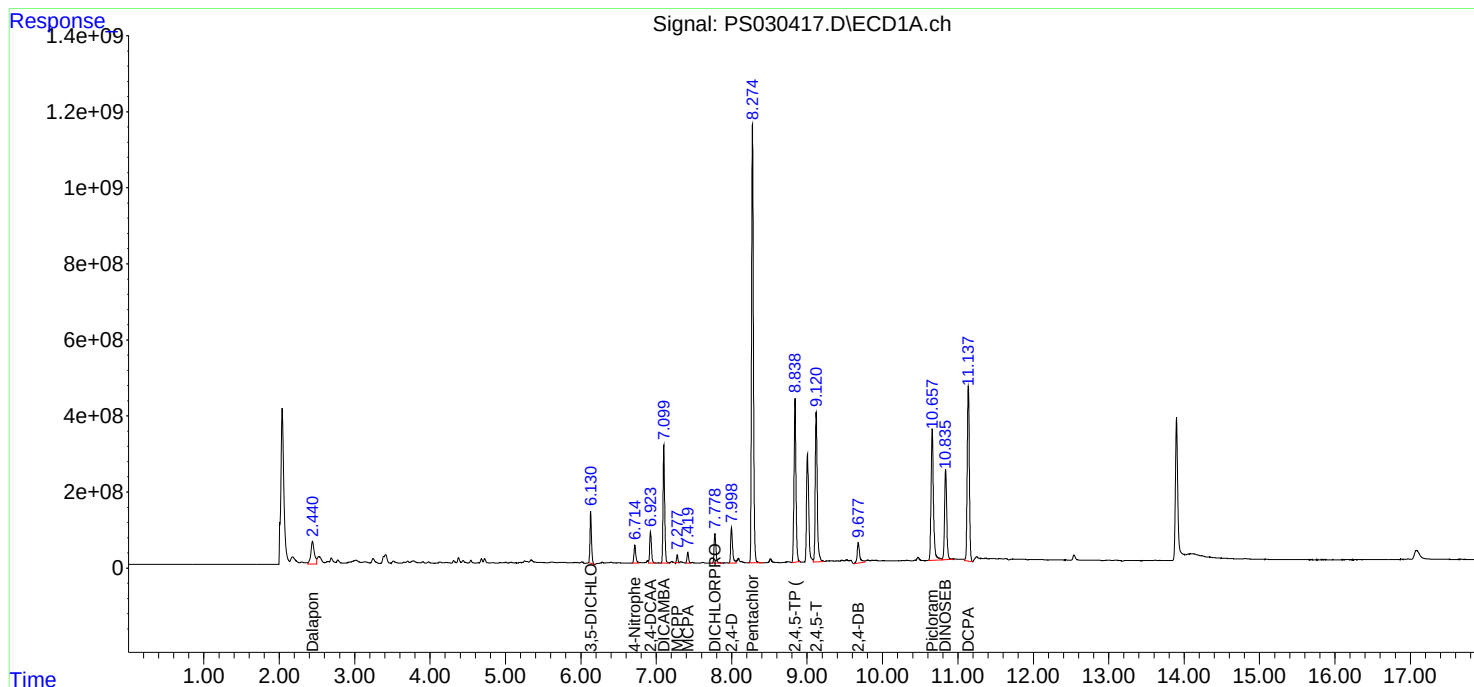
Instrument :
ECD_S
ClientSampleId :
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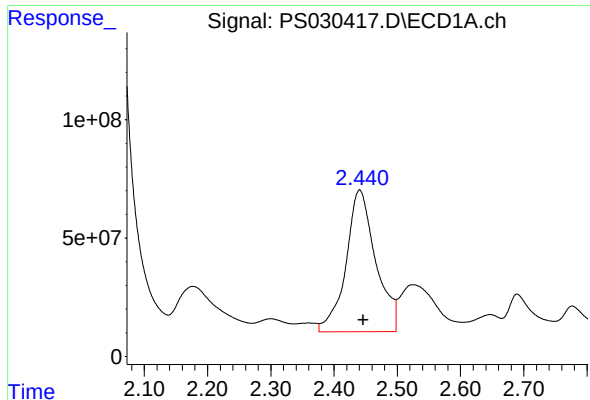
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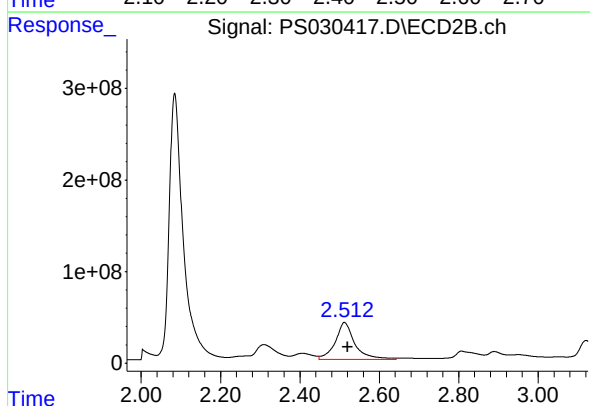
#1 Dalapon

R.T.: 2.441 min
Delta R.T.: -0.005 min
Response: 1965172462
Conc: 399.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

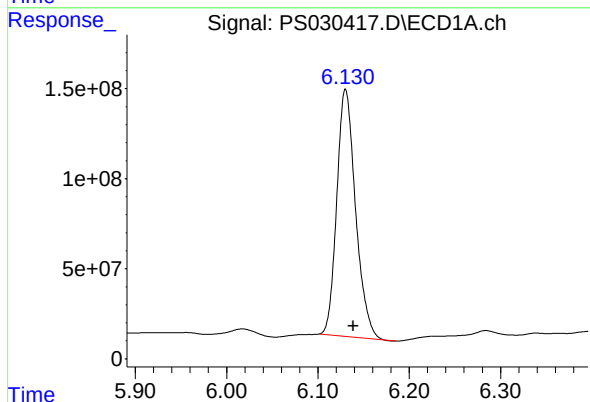
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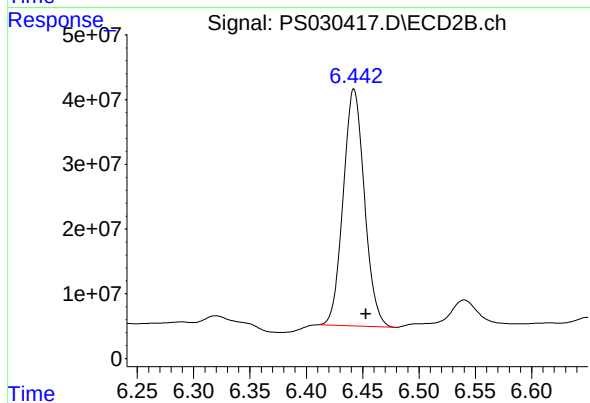
#1 Dalapon

R.T.: 2.512 min
Delta R.T.: -0.008 min
Response: 1385199180
Conc: 682.01 ng/ml



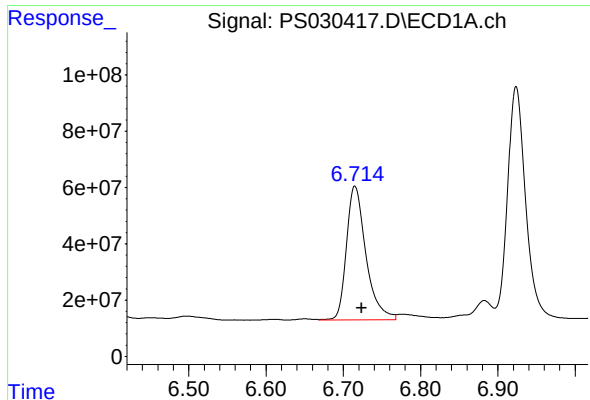
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 1960055858
Conc: 469.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 479875014
Conc: 411.62 ng/ml



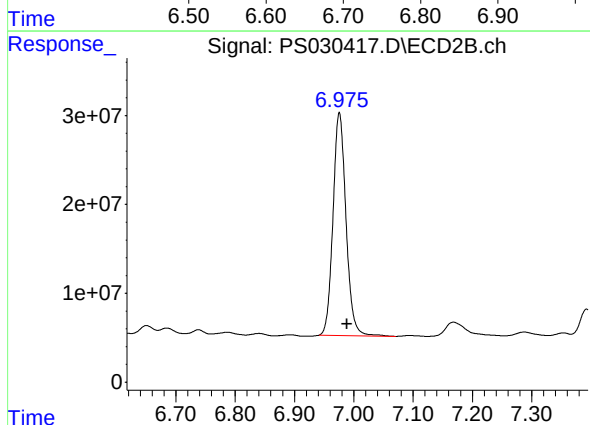
#3 4-Nitrophenol

R.T.: 6.715 min
Delta R.T.: -0.008 min
Response: 826654006
Conc: 400.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

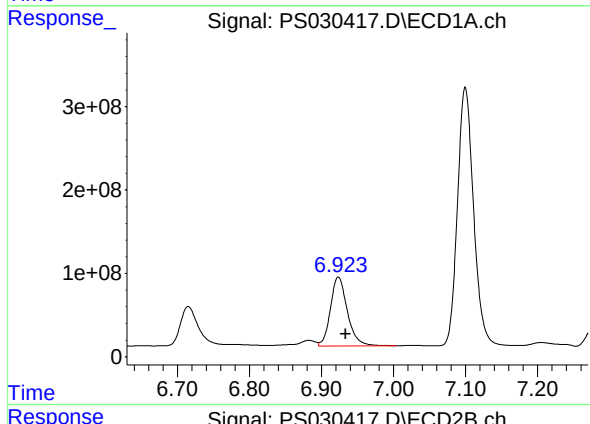
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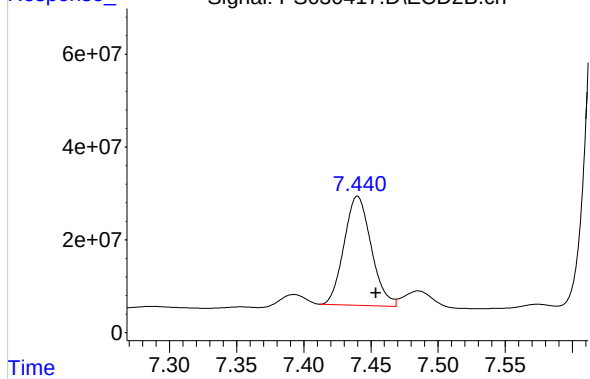
#3 4-Nitrophenol

R.T.: 6.976 min
Delta R.T.: -0.013 min
Response: 382701492
Conc: 366.56 ng/ml



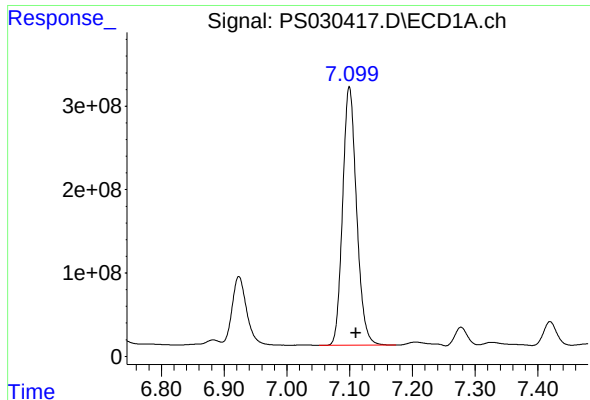
#4 2,4-DCAA

R.T.: 6.924 min
Delta R.T.: -0.010 min
Response: 1345202568
Conc: 472.36 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 330981686
Conc: 413.62 ng/ml



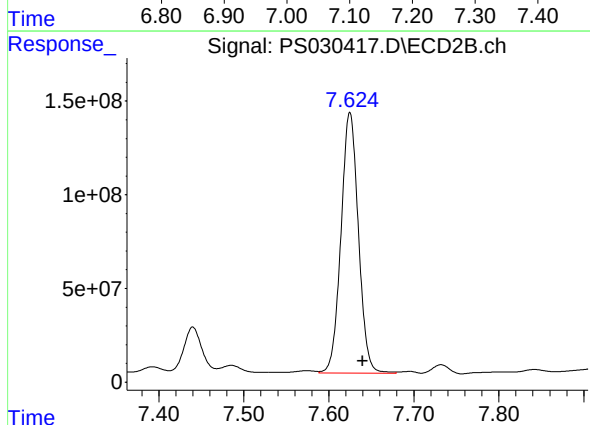
#5 DICAMBA

R.T.: 7.100 min
Delta R.T.: -0.011 min
Response: 4789504614
Conc: 414.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

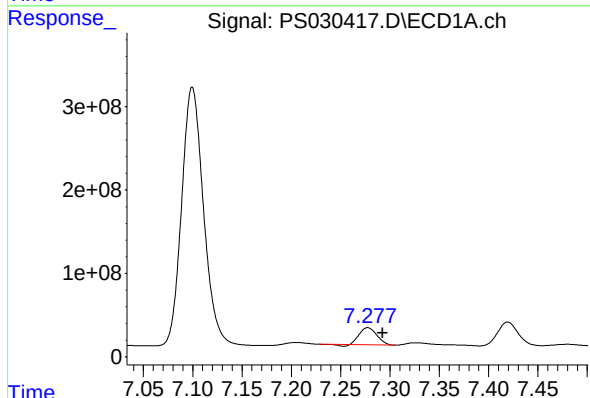
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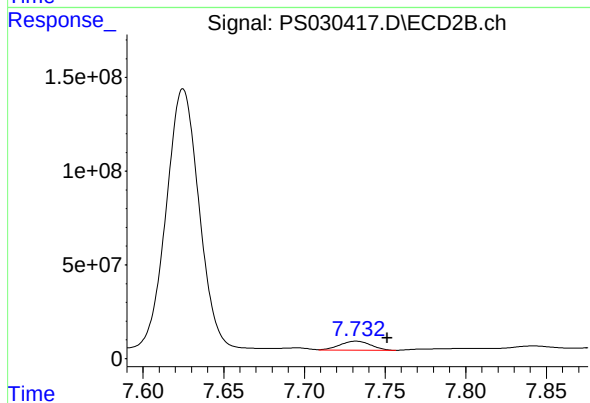
#5 DICAMBA

R.T.: 7.625 min
Delta R.T.: -0.015 min
Response: 1983321054
Conc: 419.49 ng/ml



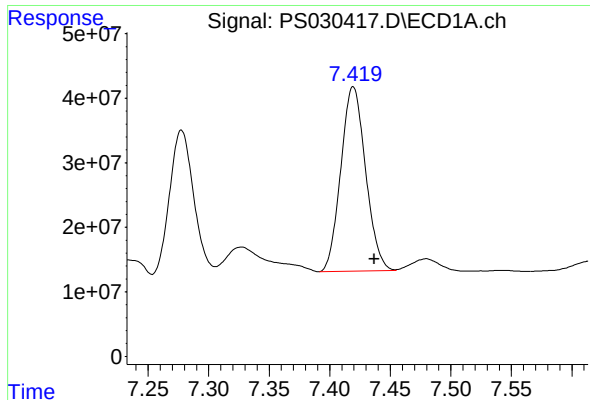
#6 MCP

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 248108177
Conc: 34.07 ug/ml



#6 MCP

R.T.: 7.732 min
Delta R.T.: -0.019 min
Response: 63276414
Conc: 34.39 ug/ml



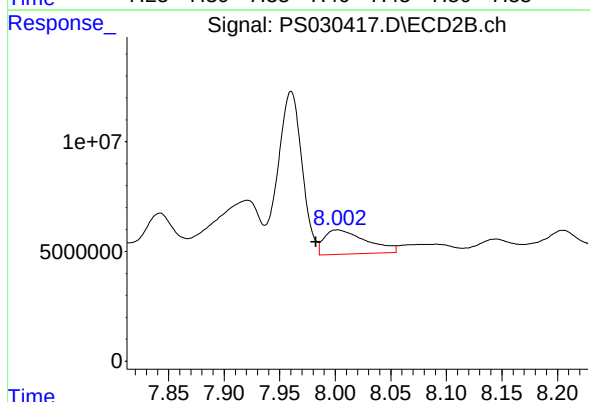
#7 MCPA

R.T.: 7.419 min
Delta R.T.: -0.017 min
Response: 408044571
Conc: 39.31 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

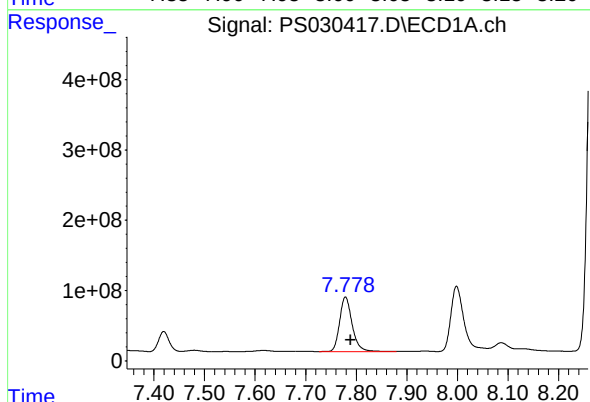
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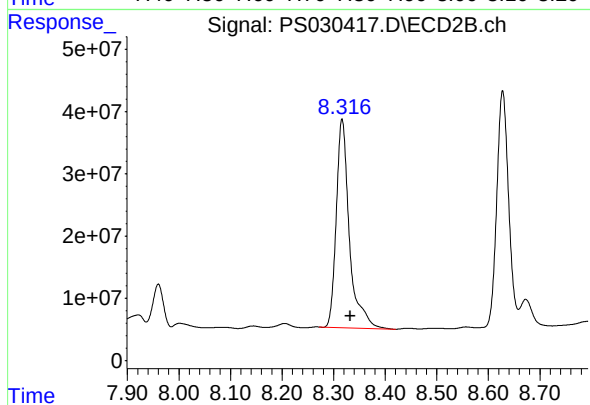
#7 MCPA

R.T.: 8.002 min
Delta R.T.: 0.019 min
Response: 29396315
Conc: 11.14 ug/ml



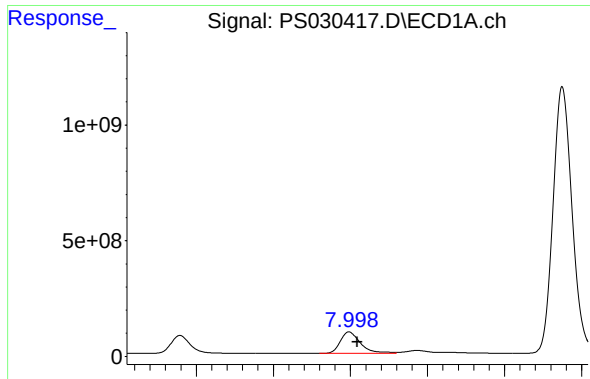
#8 DICHLORPROP

R.T.: 7.779 min
Delta R.T.: -0.011 min
Response: 1335998722
Conc: 457.32 ng/ml



#8 DICHLORPROP

R.T.: 8.316 min
Delta R.T.: -0.016 min
Response: 591145228
Conc: 500.36 ng/ml



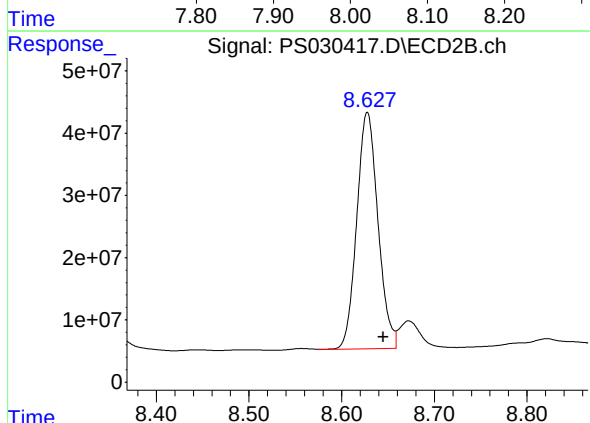
#9 2,4-D

R.T.: 7.998 min
Delta R.T.: -0.011 min
Response: 1676968709
Conc: 511.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

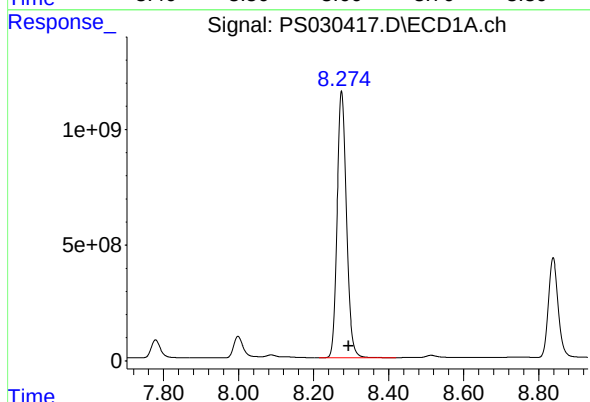
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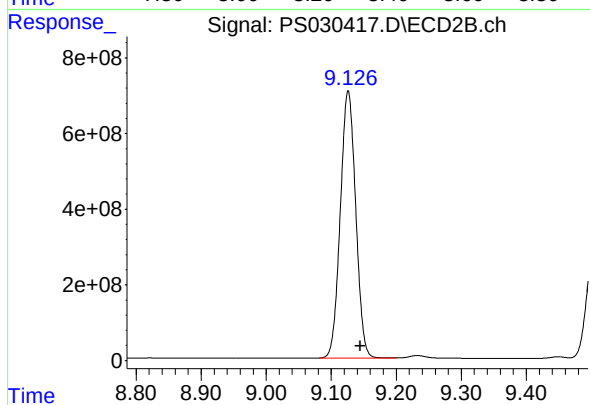
#9 2,4-D

R.T.: 8.628 min
Delta R.T.: -0.017 min
Response: 605692810
Conc: 469.35 ng/ml



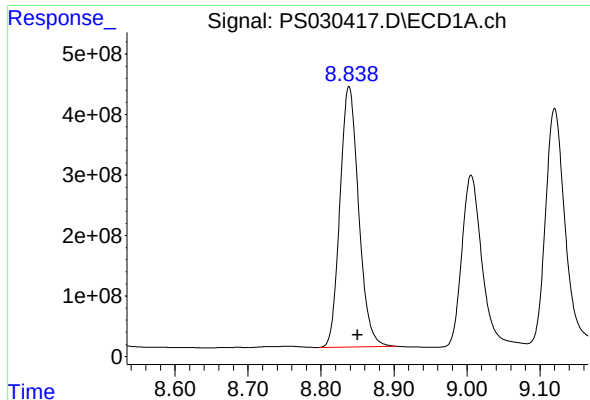
#10 Pentachlorophenol

R.T.: 8.275 min
Delta R.T.: -0.018 min
Response: 19906620769
Conc: 491.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.126 min
Delta R.T.: -0.019 min
Response: 11623950730
Conc: 470.89 ng/ml



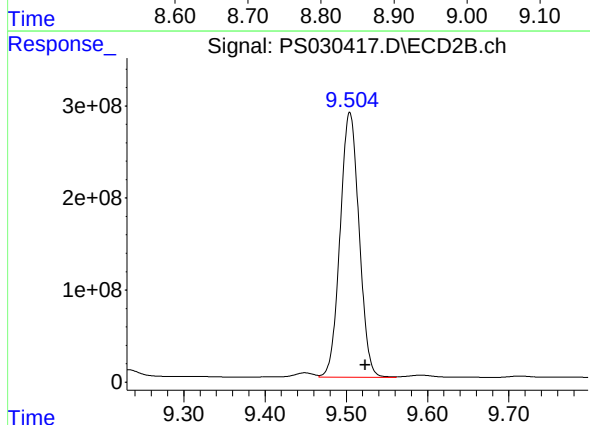
#11 2,4,5-TP (SILVEX)

R.T.: 8.838 min
Delta R.T.: -0.013 min
Response: 7668946580
Conc: 473.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

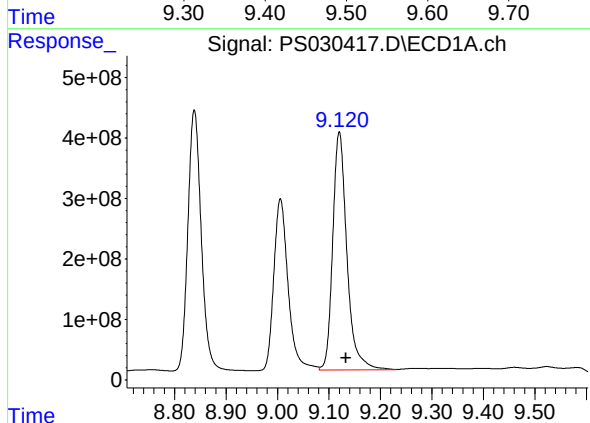
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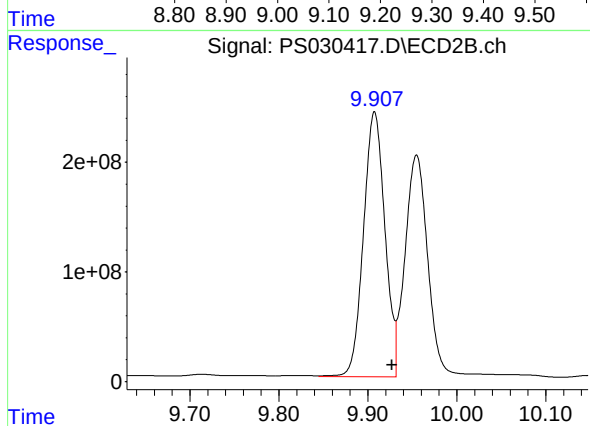
#11 2,4,5-TP (SILVEX)

R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 4681031298
Conc: 475.21 ng/ml



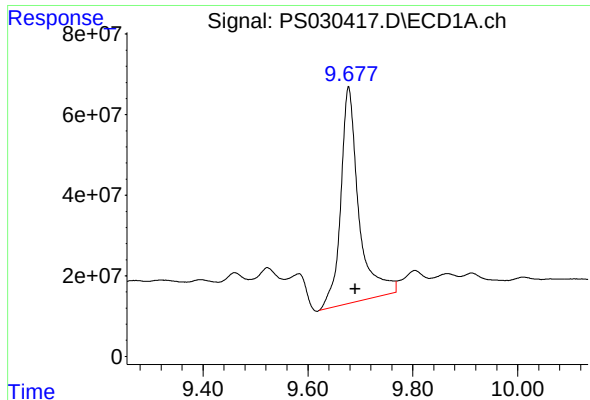
#12 2,4,5-T

R.T.: 9.120 min
Delta R.T.: -0.013 min
Response: 7518703011
Conc: 455.26 ng/ml



#12 2,4,5-T

R.T.: 9.908 min
Delta R.T.: -0.020 min
Response: 4044374464
Conc: 439.43 ng/ml



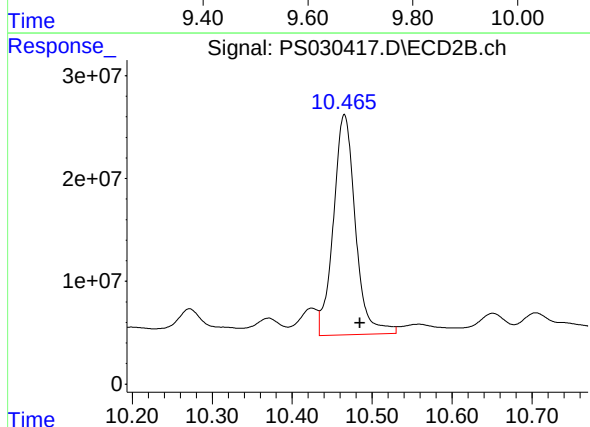
#13 2,4-DB

R.T.: 9.678 min
Delta R.T.: -0.012 min
Response: 1284694255
Conc: 492.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

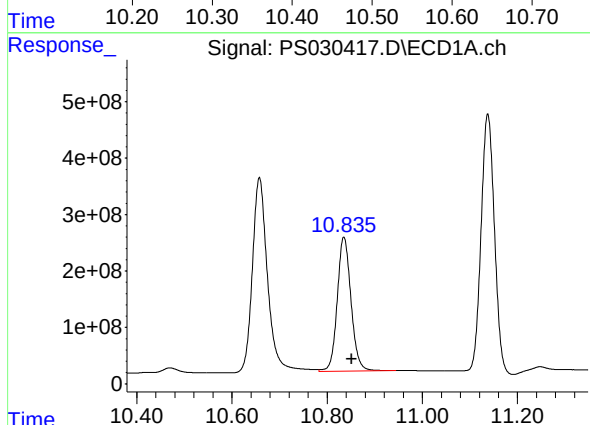
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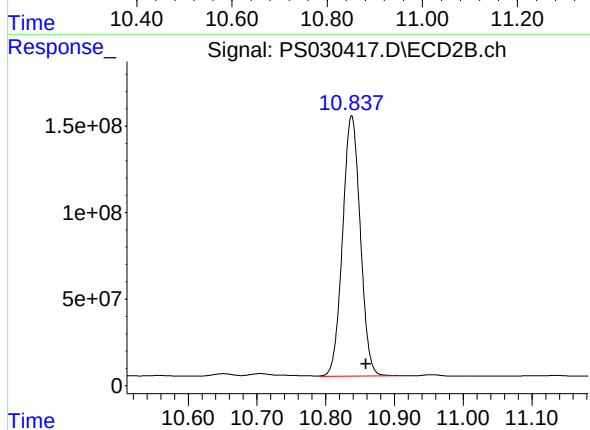
#13 2,4-DB

R.T.: 10.465 min
Delta R.T.: -0.020 min
Response: 408794935
Conc: 411.94 ng/ml



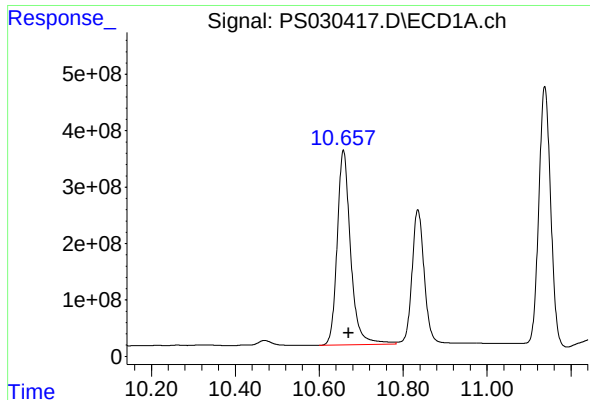
#14 DINOSEB

R.T.: 10.835 min
Delta R.T.: -0.016 min
Response: 4778187714
Conc: 417.81 ng/ml



#14 DINOSEB

R.T.: 10.837 min
Delta R.T.: -0.021 min
Response: 2691745410
Conc: 393.99 ng/ml m



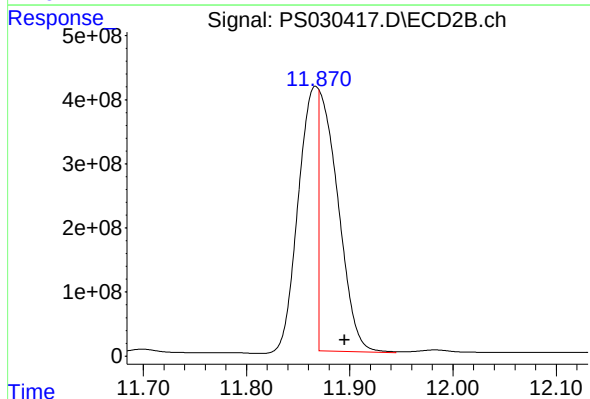
#15 Picloram

R.T.: 10.658 min
Delta R.T.: -0.012 min
Response: 7683031676
Conc: 359.24 ng/ml

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PB168172BS

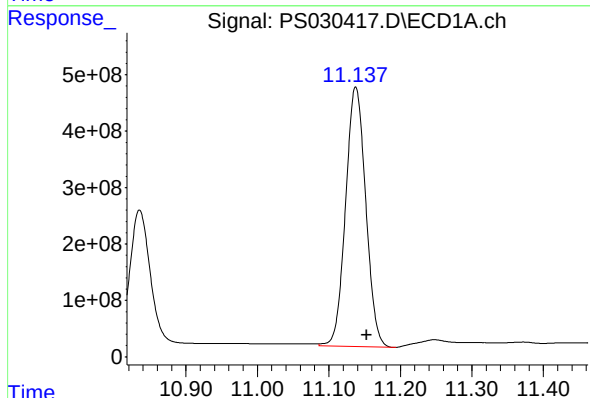
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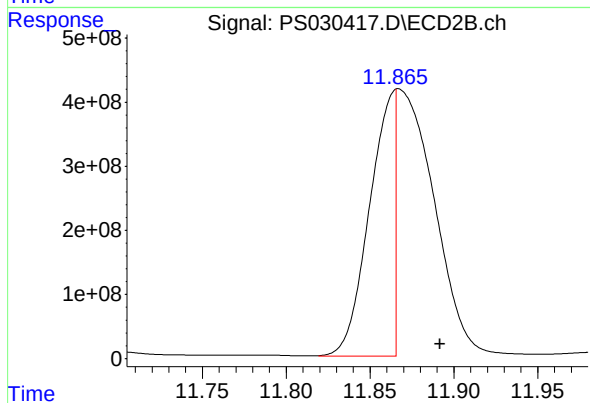
#15 Picloram

R.T.: 11.870 min
Delta R.T.: -0.025 min
Response: 5246506078
Conc: 372.80 ng/ml m



#16 DCPA

R.T.: 11.137 min
Delta R.T.: -0.016 min
Response: 9009540888
Conc: 452.48 ng/ml m



#16 DCPA

R.T.: 11.865 min
Delta R.T.: -0.027 min
Response: 4371925657
Conc: 323.59 ng/ml m