

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052725\
 Data File : PS030421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 20:00
 Operator : AR\AJ
 Sample : Q2127-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

COMP-2MSD

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 09:18:54 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 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	6.923	7.440	485.4E6	125.7E6	170.433	157.143
Target Compounds							
1) T	Dalapon	2.439	2.510	1504.2E6	1340.8E6	306.010	660.146 #
2) T	3,5-DICHL...	6.130	6.442	404.6E6	110.5E6	97.024	94.808
3) T	4-Nitroph...	6.714	6.976	497.6E6	207.7E6	240.889	198.908
5) T	DICAMBA	7.099	7.624	1700.7E6	636.1E6	147.151	134.538
6) T	MCP	7.276	7.780f	25236705	34893061	3.465	18.966 #
7) T	MCPA	7.418	7.954f	118.5E6	37213843	11.420	14.109
8) T	DICHLORPROP	7.780	8.322	283.7E6	177.6E6	97.105	150.358 #
9) T	2,4-D	7.999	8.627	549.5E6	220.1E6	167.600	170.537
10) T	Pentachlo...	8.275	9.125	1217.7E6	781.5E6	30.066	31.659m
11) T	2,4,5-TP ...	8.836	9.504	660.6E6	422.0E6	40.786m	42.836
12) T	2,4,5-T	9.120	9.907	1207.9E6	652.4E6	73.141	70.889
13) T	2,4-DB	9.680	10.454f	238.9E6	141.3E6	91.544	142.391 #
14) T	DINOSEB	10.835	10.862	113.0E6	221.0E6	9.884	32.351 #
15) T	Picloram	10.657	11.868f	4914.9E6	4084.0E6	229.809	290.200m#
16) T	DCPA	11.137	11.865f	6603.7E6	3585.7E6	331.652	265.397m

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

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Data File : PS030421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 2025 20:00
Operator : AR\AJ
Sample : Q2127-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

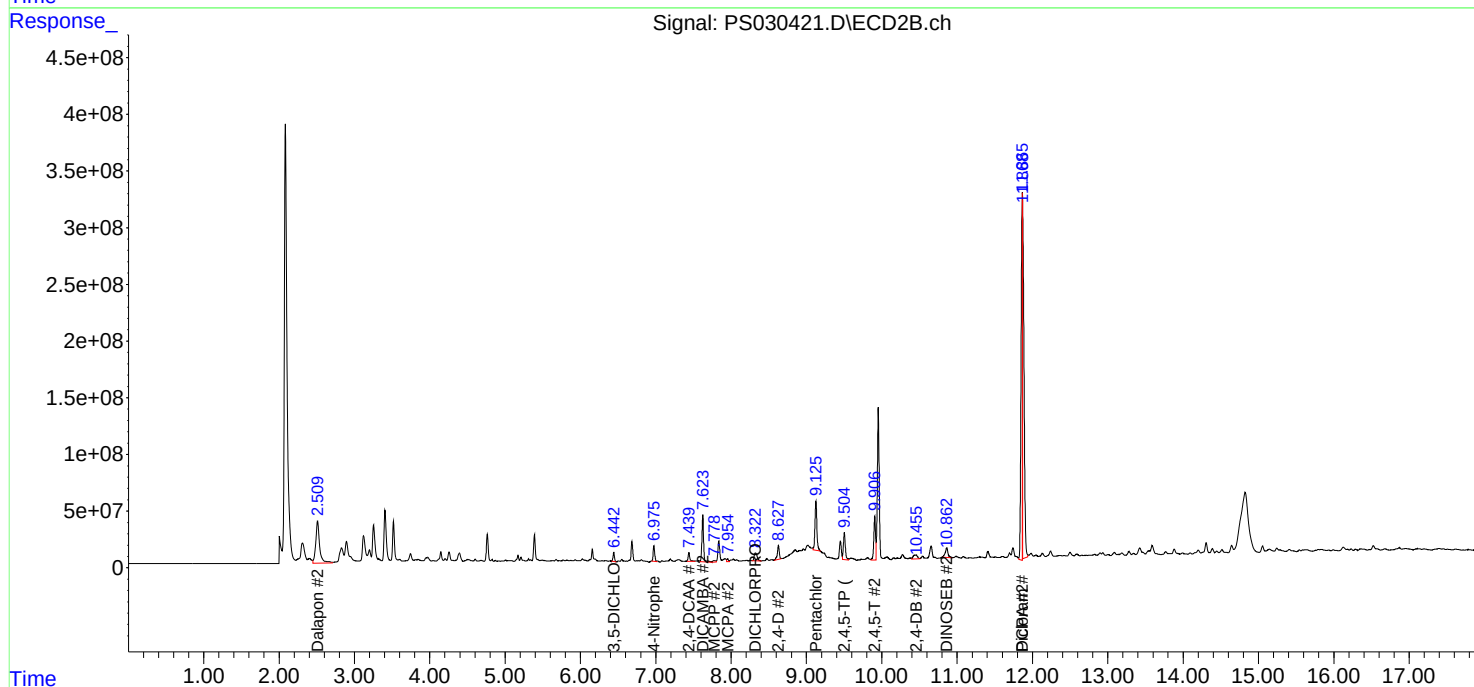
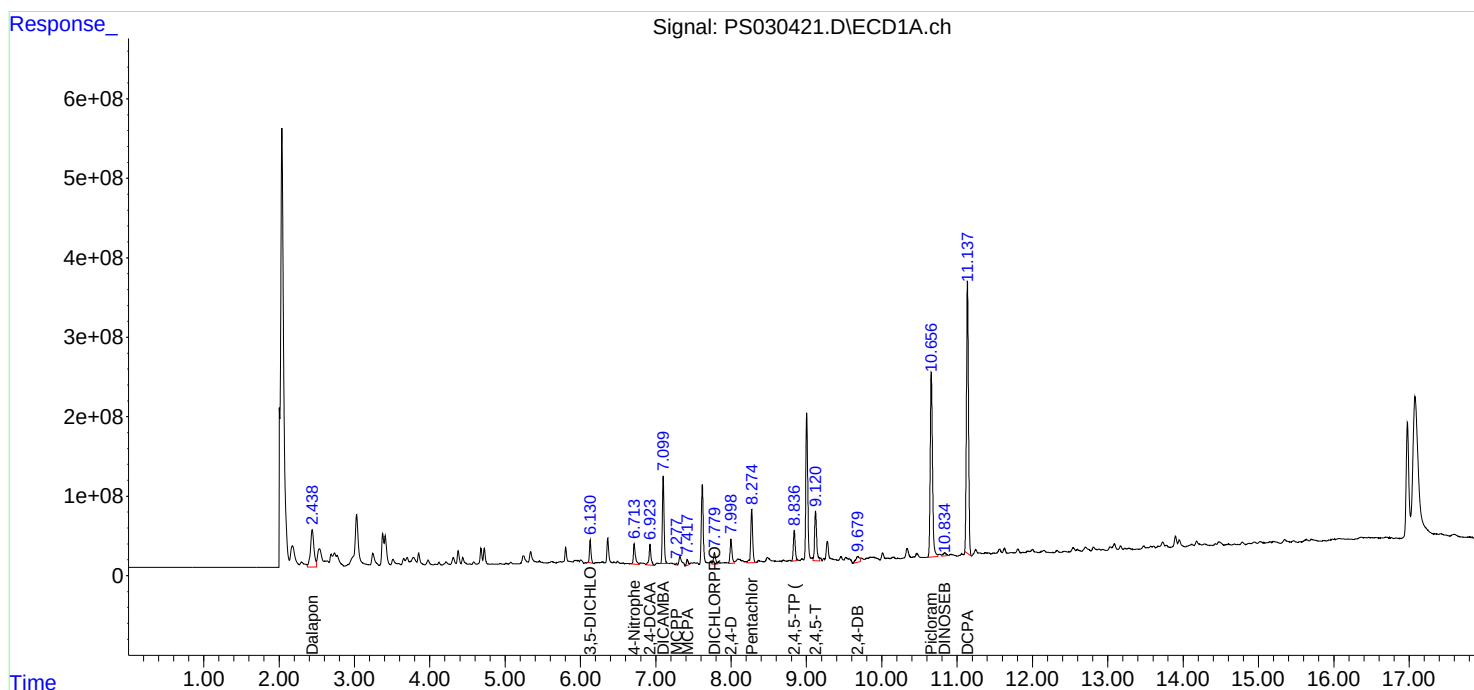
Instrument :
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ClientSampleId :
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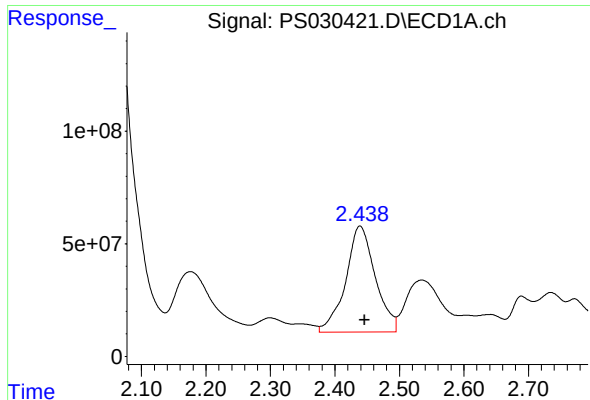
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 09:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial 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





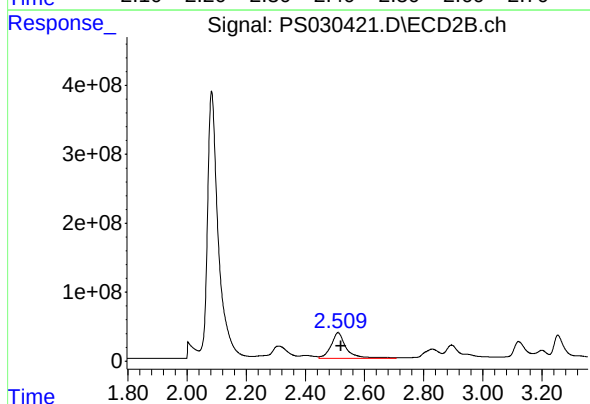
#1 Dalapon

R.T.: 2.439 min
Delta R.T.: -0.007 min
Response: 1504150516
Conc: 306.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

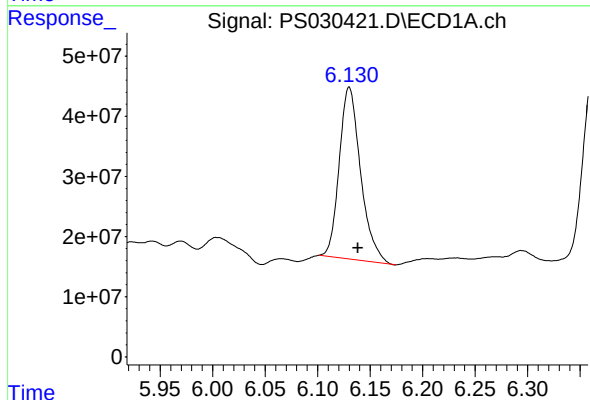
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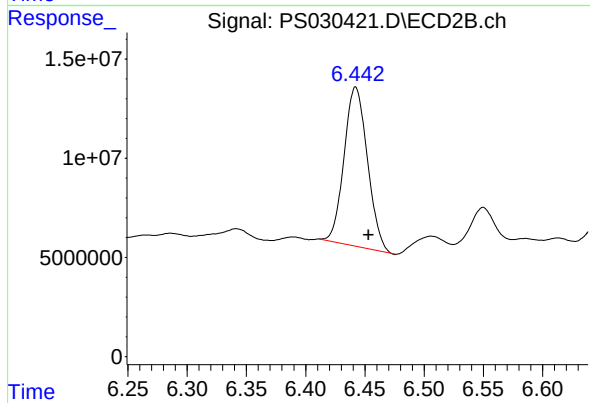
#1 Dalapon

R.T.: 2.510 min
Delta R.T.: -0.010 min
Response: 1340789250
Conc: 660.15 ng/ml



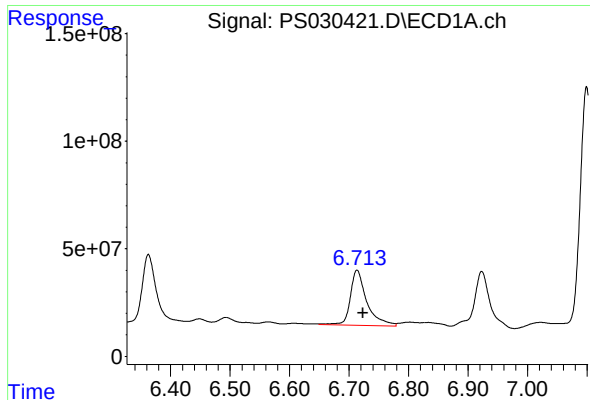
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.130 min
Delta R.T.: -0.009 min
Response: 404643621
Conc: 97.02 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 110529620
Conc: 94.81 ng/ml



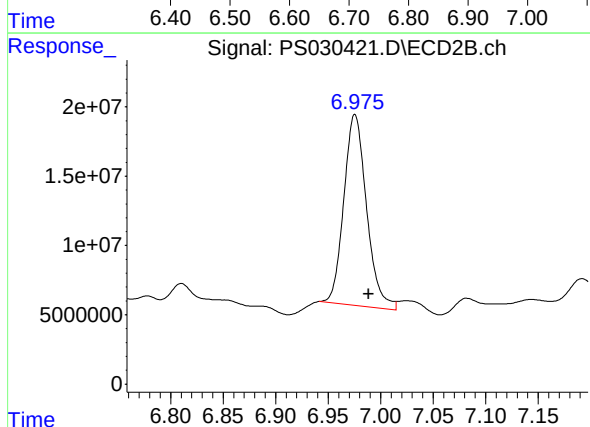
#3 4-Nitrophenol

R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 497582911
Conc: 240.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

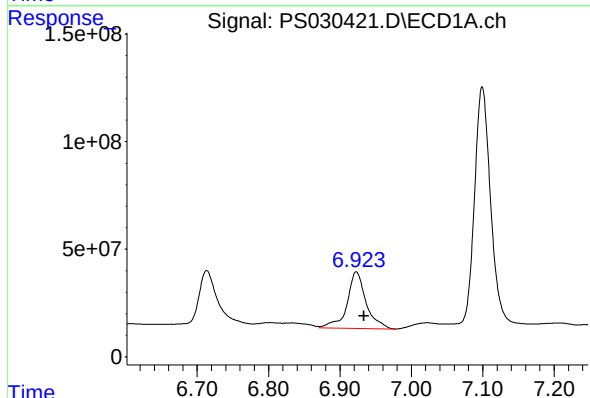
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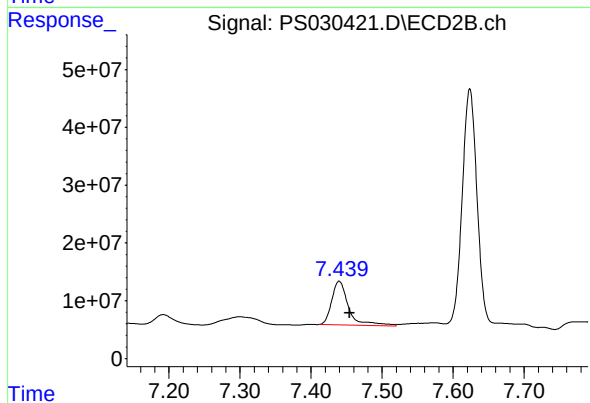
#3 4-Nitrophenol

R.T.: 6.976 min
Delta R.T.: -0.013 min
Response: 207666675
Conc: 198.91 ng/ml



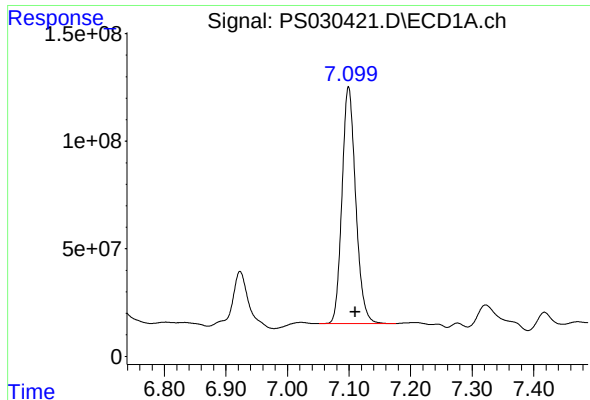
#4 2,4-DCAA

R.T.: 6.923 min
Delta R.T.: -0.011 min
Response: 485361626
Conc: 170.43 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 125746562
Conc: 157.14 ng/ml



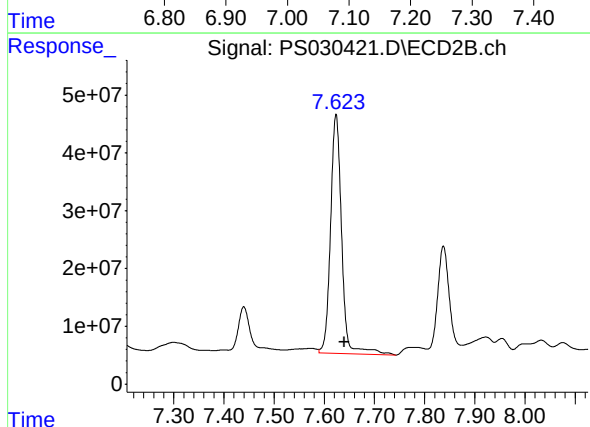
#5 DICAMBA

R.T.: 7.099 min
Delta R.T.: -0.011 min
Response: 1700677640
Conc: 147.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

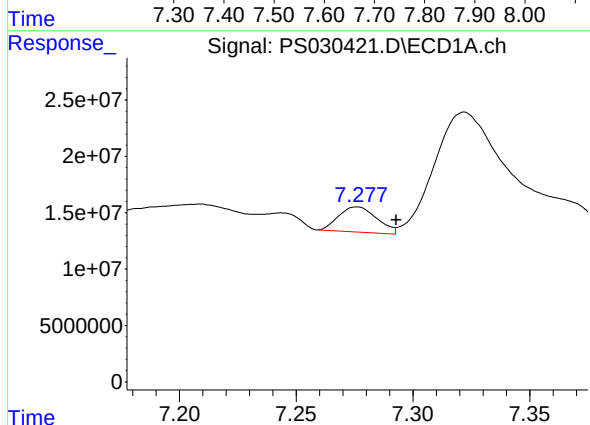
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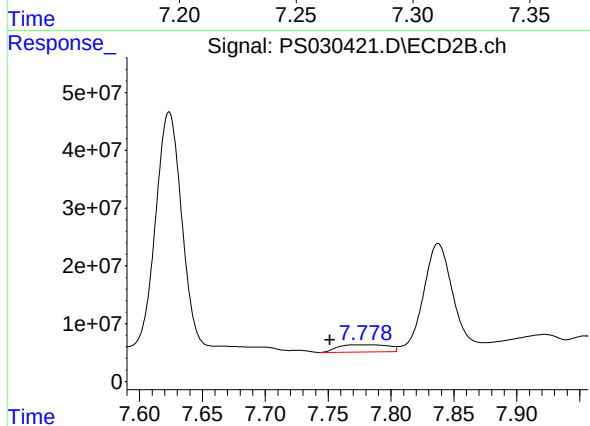
#5 DICAMBA

R.T.: 7.624 min
Delta R.T.: -0.016 min
Response: 636091612
Conc: 134.54 ng/ml



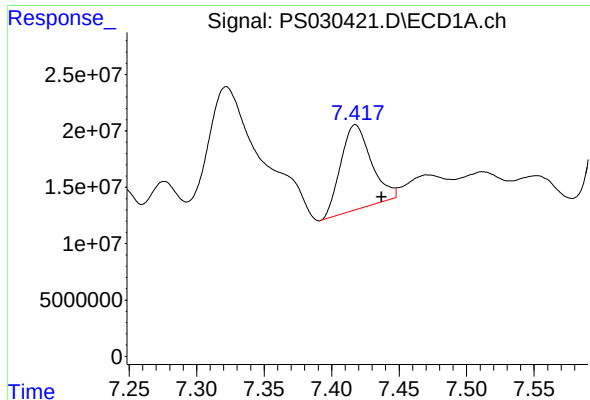
#6 MCP

R.T.: 7.276 min
Delta R.T.: -0.017 min
Response: 25236705
Conc: 3.47 ug/ml



#6 MCP

R.T.: 7.780 min
Delta R.T.: 0.029 min
Response: 34893061
Conc: 18.97 ug/ml



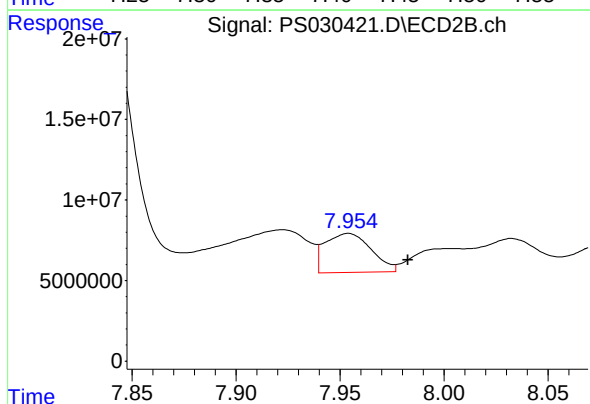
#7 MCPA

R.T.: 7.418 min
Delta R.T.: -0.019 min
Response: 118547700
Conc: 11.42 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

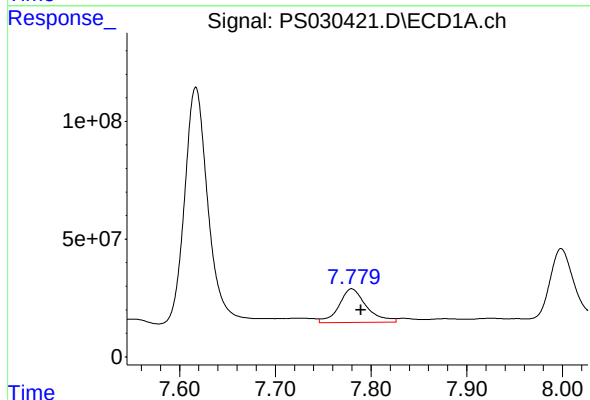
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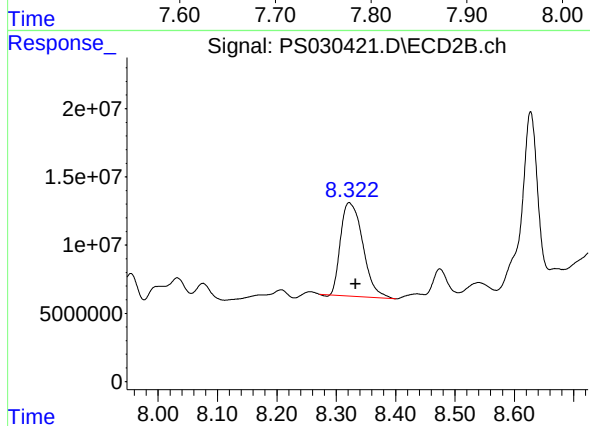
#7 MCPA

R.T.: 7.954 min
Delta R.T.: -0.029 min
Response: 37213843
Conc: 14.11 ug/ml



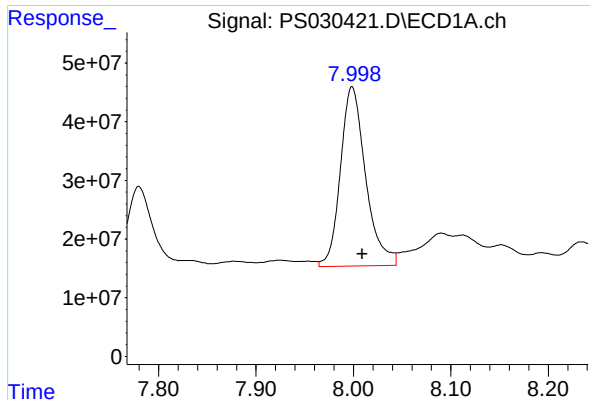
#8 DICHLORPROP

R.T.: 7.780 min
Delta R.T.: -0.010 min
Response: 283678140
Conc: 97.11 ng/ml



#8 DICHLORPROP

R.T.: 8.322 min
Delta R.T.: -0.011 min
Response: 177637583
Conc: 150.36 ng/ml



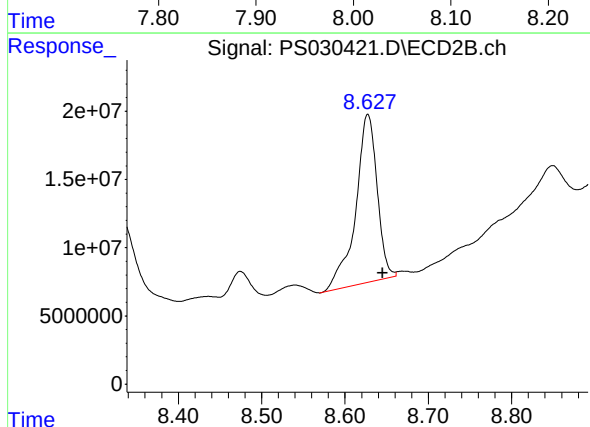
#9 2,4-D

R.T.: 7.999 min
Delta R.T.: -0.011 min
Response: 549549802
Conc: 167.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

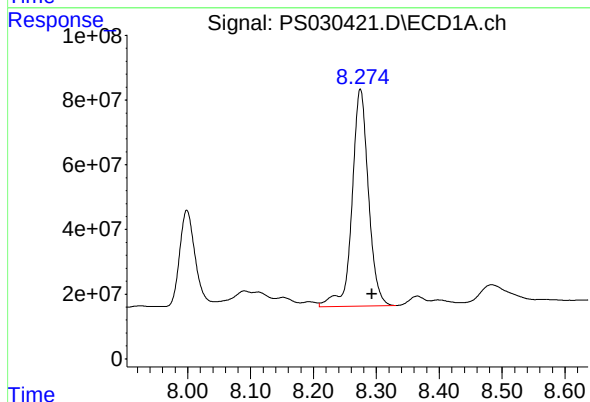
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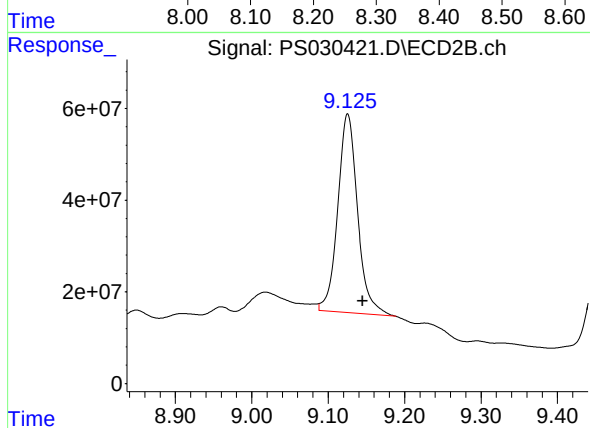
#9 2,4-D

R.T.: 8.627 min
Delta R.T.: -0.018 min
Response: 220078182
Conc: 170.54 ng/ml



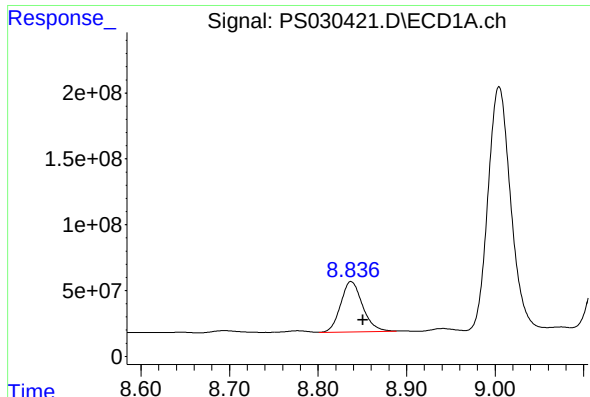
#10 Pentachlorophenol

R.T.: 8.275 min
Delta R.T.: -0.018 min
Response: 1217706212
Conc: 30.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.125 min
Delta R.T.: -0.020 min
Response: 781493380
Conc: 31.66 ng/ml m



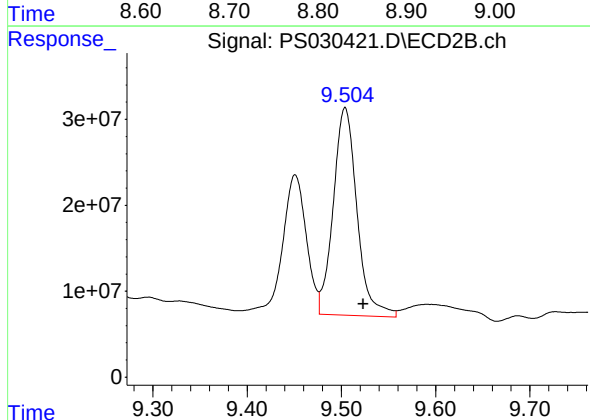
#11 2,4,5-TP (SILVEX)

R.T.: 8.836 min
Delta R.T.: -0.014 min
Response: 660577484
Conc: 40.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

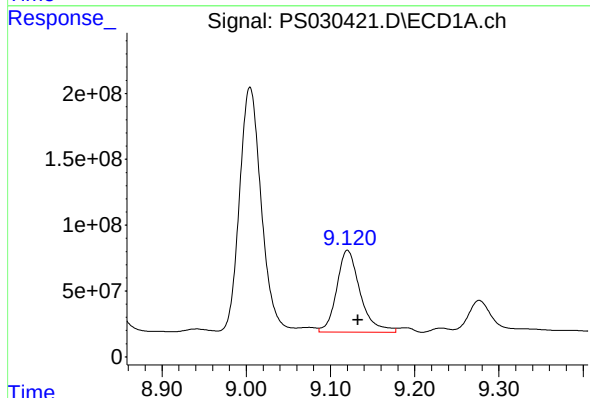
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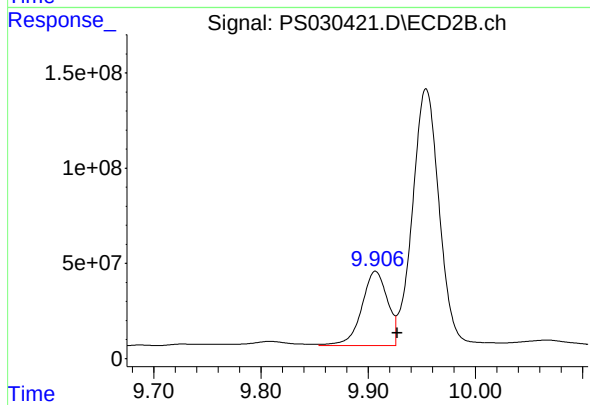
#11 2,4,5-TP (SILVEX)

R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 421951664
Conc: 42.84 ng/ml



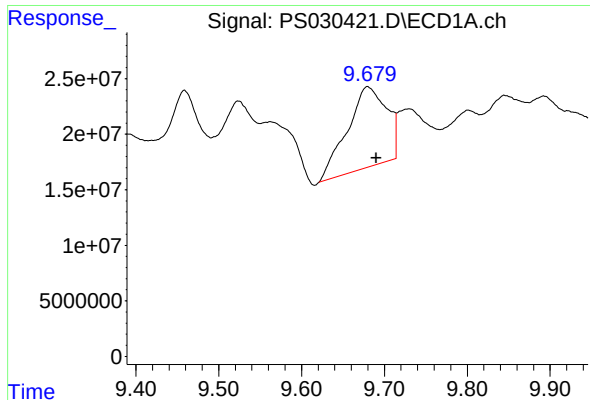
#12 2,4,5-T

R.T.: 9.120 min
Delta R.T.: -0.013 min
Response: 1207933450
Conc: 73.14 ng/ml



#12 2,4,5-T

R.T.: 9.907 min
Delta R.T.: -0.020 min
Response: 652434565
Conc: 70.89 ng/ml



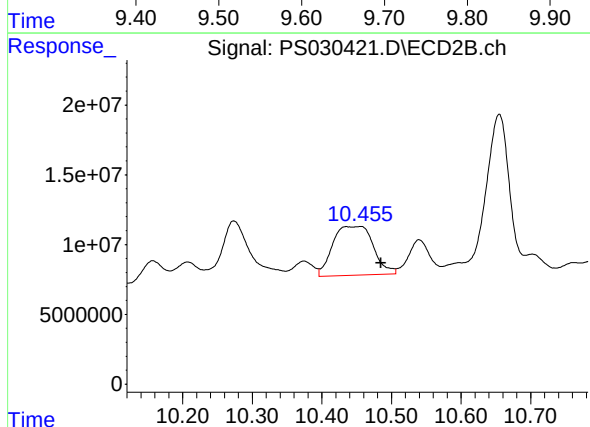
#13 2,4-DB

R.T.: 9.680 min
Delta R.T.: -0.010 min
Response: 238910107
Conc: 91.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

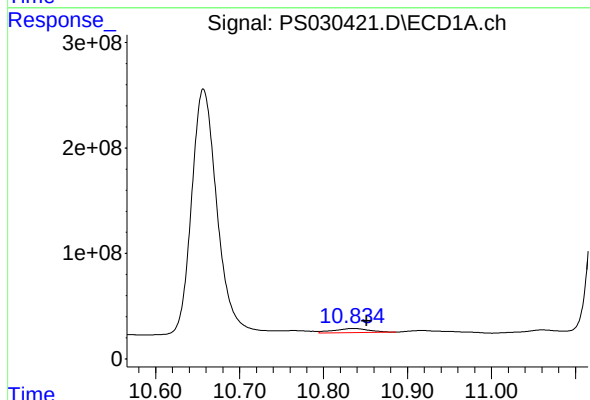
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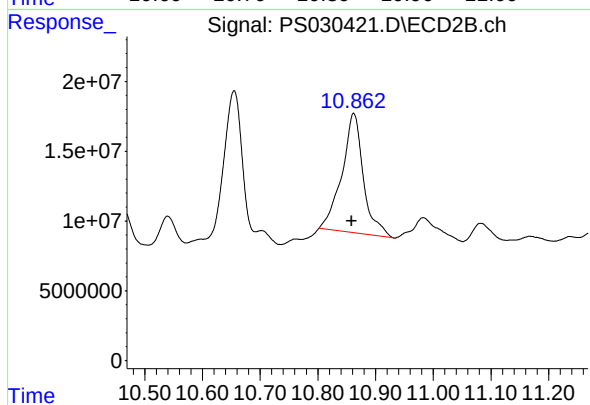
#13 2,4-DB

R.T.: 10.454 min
Delta R.T.: -0.031 min
Response: 141304814
Conc: 142.39 ng/ml



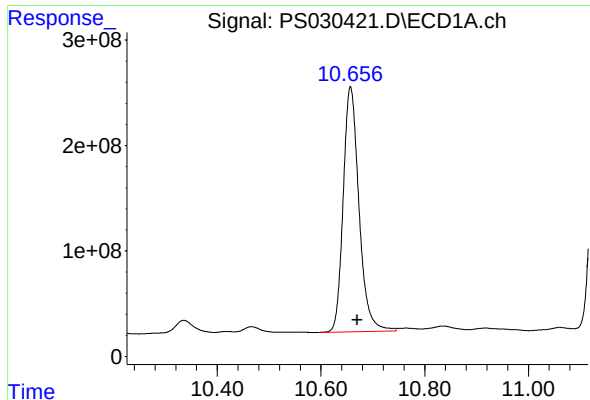
#14 DINOSEB

R.T.: 10.835 min
Delta R.T.: -0.017 min
Response: 113031476
Conc: 9.88 ng/ml



#14 DINOSEB

R.T.: 10.862 min
Delta R.T.: 0.003 min
Response: 221023239
Conc: 32.35 ng/ml



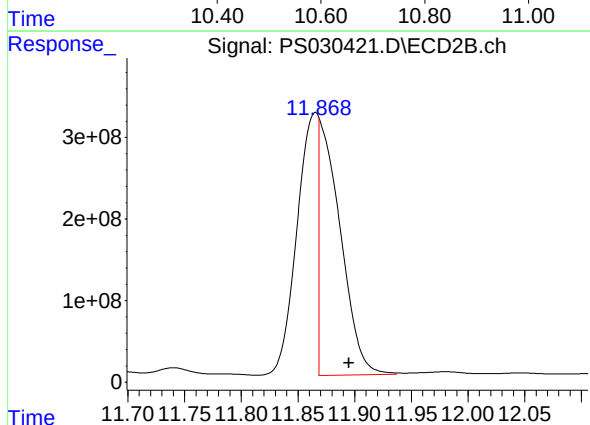
#15 Picloram

R.T.: 10.657 min
Delta R.T.: -0.013 min
Response: 4914914354
Conc: 229.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

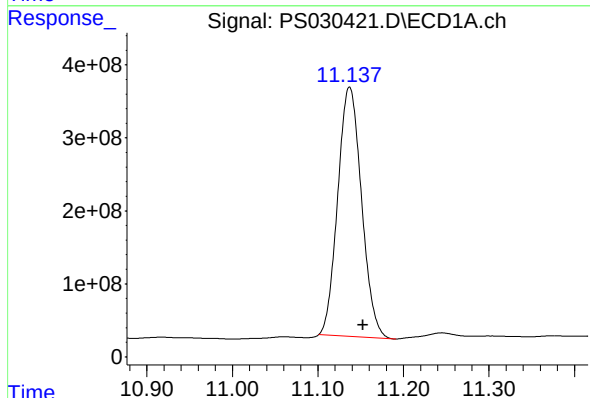
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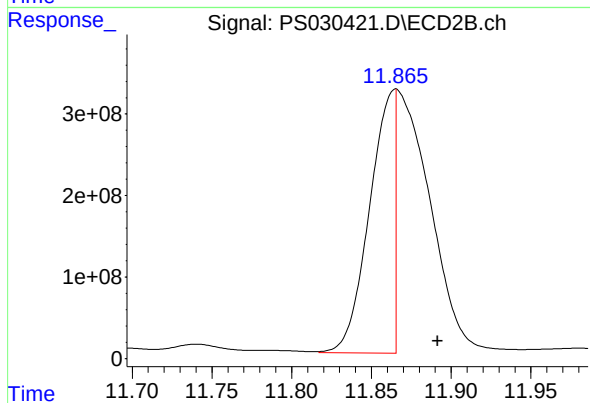
#15 Picloram

R.T.: 11.868 min
Delta R.T.: -0.027 min
Response: 4084012260
Conc: 290.20 ng/ml m



#16 DCPA

R.T.: 11.137 min
Delta R.T.: -0.016 min
Response: 6603676761
Conc: 331.65 ng/ml



#16 DCPA

R.T.: 11.865 min
Delta R.T.: -0.027 min
Response: 3585654962
Conc: 265.40 ng/ml m