

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052925\
 Data File : PS030432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 15:49
 Operator : AR\AJ
 Sample : Q2127-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-2MSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 23:27:55 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	6.925	7.440	948.3E6	241.4E6	332.989	301.708
Target Compounds							
1) T	Dalapon	2.439	2.510	1336.8E6	976.7E6	271.959	480.906 #
2) T	3,5-DICHL...	6.131	6.443	1508.9E6	359.7E6	361.800	308.534
3) T	4-Nitroph...	6.716	6.976	680.3E6	314.5E6	329.352	301.223
5) T	DICAMBA	7.101	7.625	3718.4E6	1463.7E6	321.738	309.590m
6) T	MCPD	7.278	7.732	201.1E6	41067160	27.618m	22.322
7) T	MCPA	7.420	7.960	285.8E6	73902726	27.531	28.018
8) T	DICHLORPROP	7.780	8.316	986.2E6	355.8E6	337.570	301.124
9) T	2,4-D	8.000	8.628	1234.5E6	468.8E6	376.508	363.270
10) T	Pentachlo...	8.277	9.127	14241.1E6	8275.4E6	351.625	335.240
11) T	2,4,5-TP ...	8.840	9.505	5526.2E6	3399.3E6	341.210m	345.093
12) T	2,4,5-T	9.122	9.908	5577.9E6	3045.3E6	337.742	330.884
13) T	2,4-DB	9.681	10.464	1106.5E6	253.3E6	423.965	255.289m#
14) T	DINOSEB	10.838	10.837	954.6E6	507.3E6	83.473	74.247
15) T	Picloram	10.660	11.870	5840.6E6	4140.8E6	273.093	294.232m
16) T	DCPA	11.140	11.867	6390.9E6	3848.1E6	320.964	284.824m

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

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ALS Vial : 8 Sample Multiplier: 1

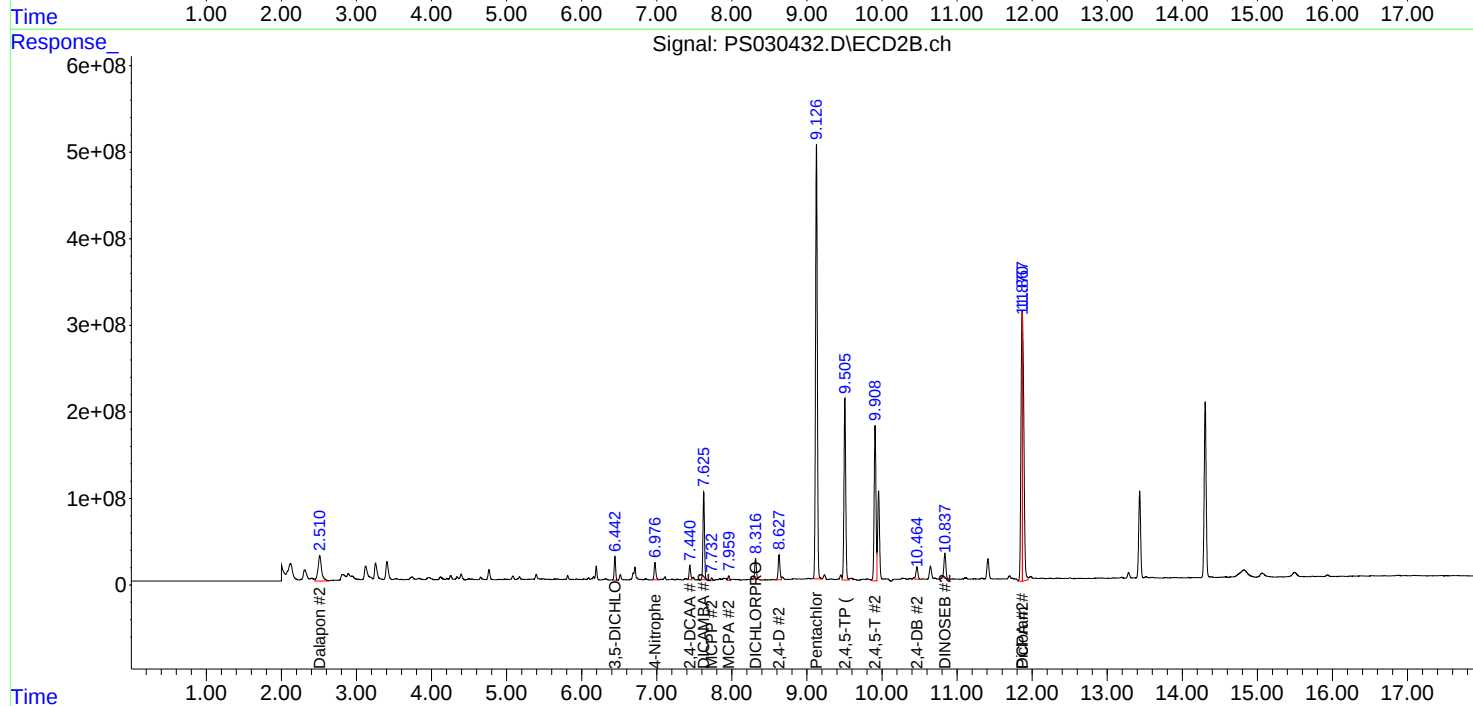
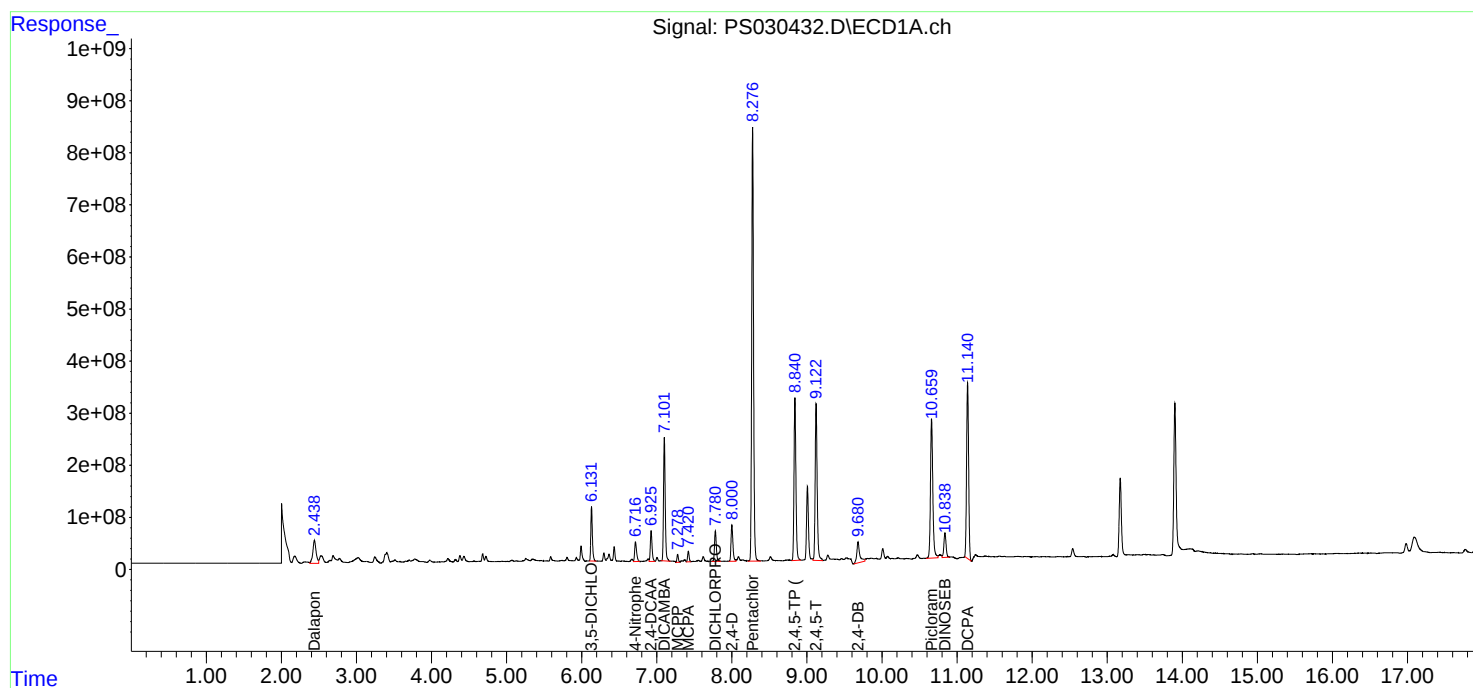
Instrument :
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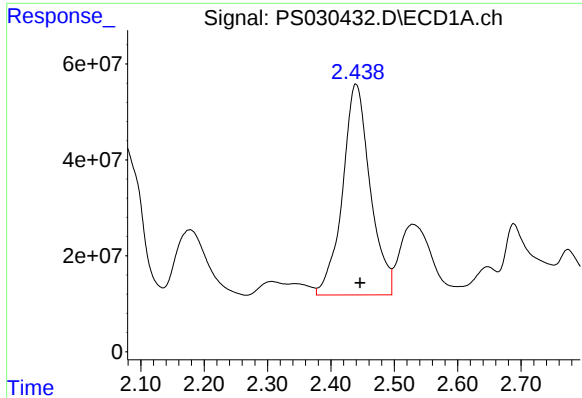
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Supervised By : mohammad ahmed 05/30/2025

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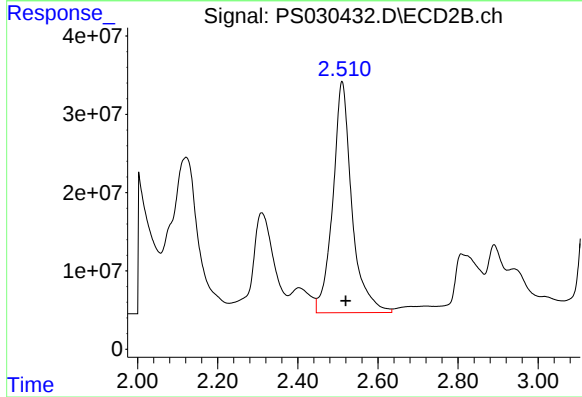
#1 Dalapon

R.T.: 2.439 min
Delta R.T.: -0.007 min
Response: 1336774494
Conc: 271.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

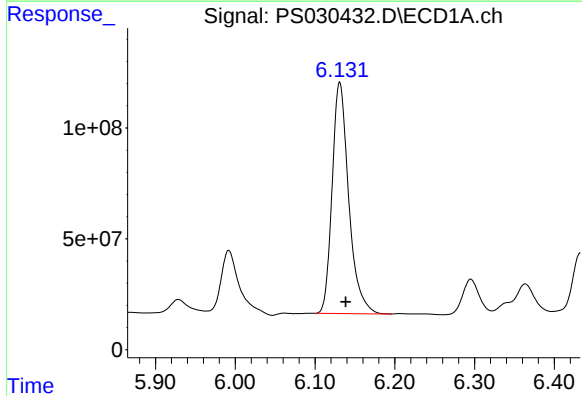
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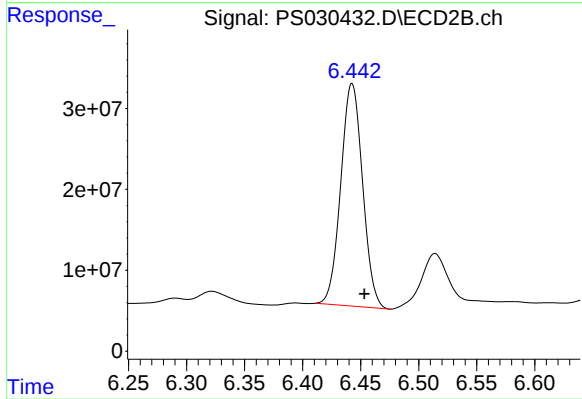
#1 Dalapon

R.T.: 2.510 min
Delta R.T.: -0.010 min
Response: 976745049
Conc: 480.91 ng/ml



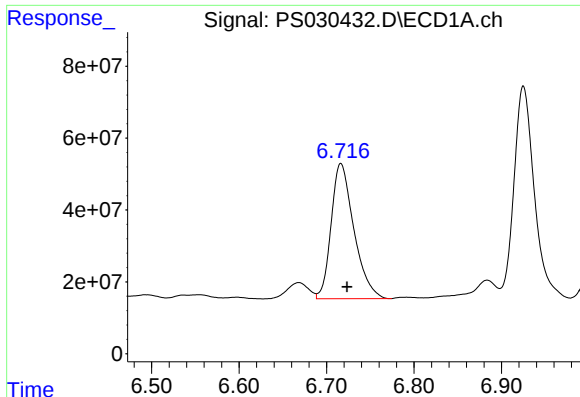
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.131 min
Delta R.T.: -0.008 min
Response: 1508906515
Conc: 361.80 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.443 min
Delta R.T.: -0.011 min
Response: 359697880
Conc: 308.53 ng/ml



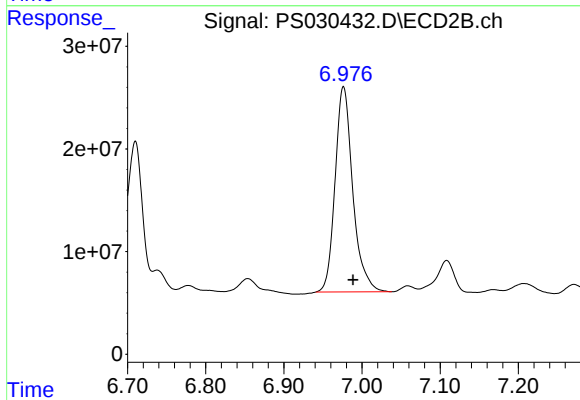
#3 4-Nitrophenol

R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 680314117
Conc: 329.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

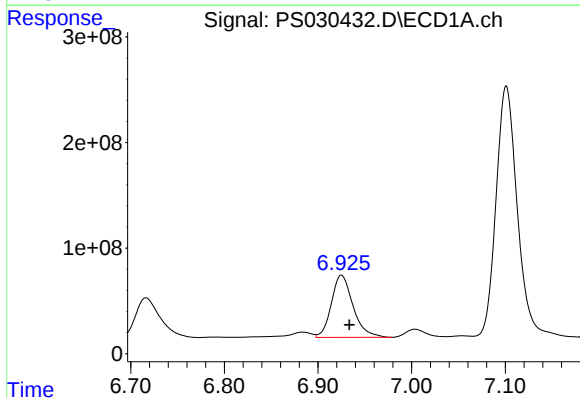
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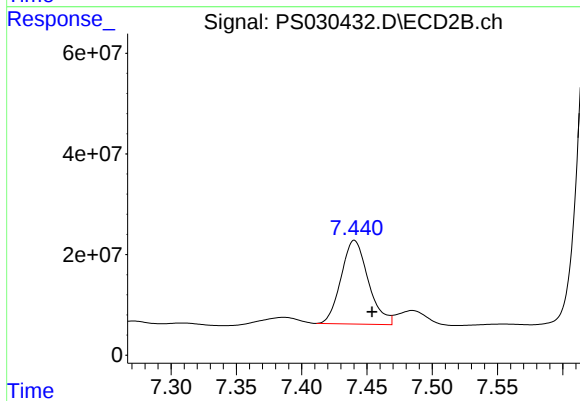
#3 4-Nitrophenol

R.T.: 6.976 min
Delta R.T.: -0.012 min
Response: 314486283
Conc: 301.22 ng/ml



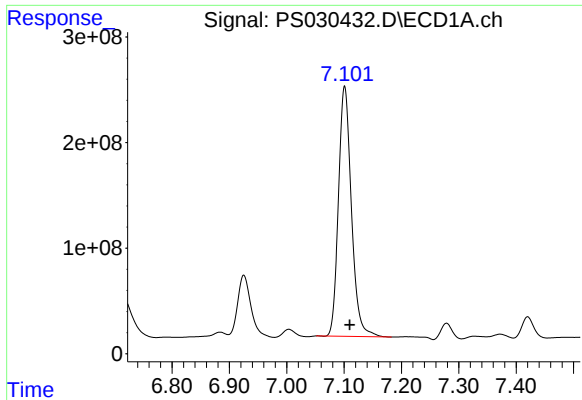
#4 2,4-DCAA

R.T.: 6.925 min
Delta R.T.: -0.009 min
Response: 948289739
Conc: 332.99 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 241427948
Conc: 301.71 ng/ml



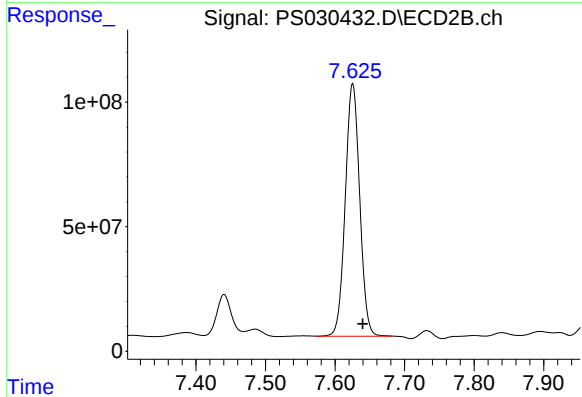
#5 DICAMBA

R.T.: 7.101 min
Delta R.T.: -0.009 min
Response: 3718437764
Conc: 321.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

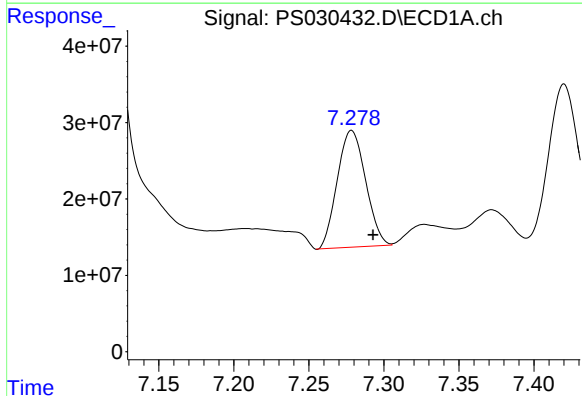
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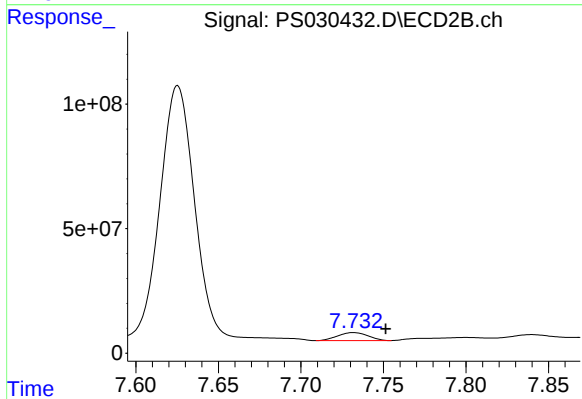
#5 DICAMBA

R.T.: 7.625 min
Delta R.T.: -0.015 min
Response: 1463733136
Conc: 309.59 ng/ml m



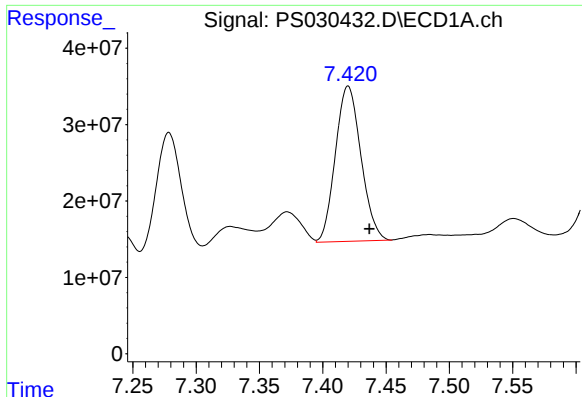
#6 MCPP

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 201134064
Conc: 27.62 ug/ml m



#6 MCPP

R.T.: 7.732 min
Delta R.T.: -0.019 min
Response: 41067160
Conc: 22.32 ug/ml



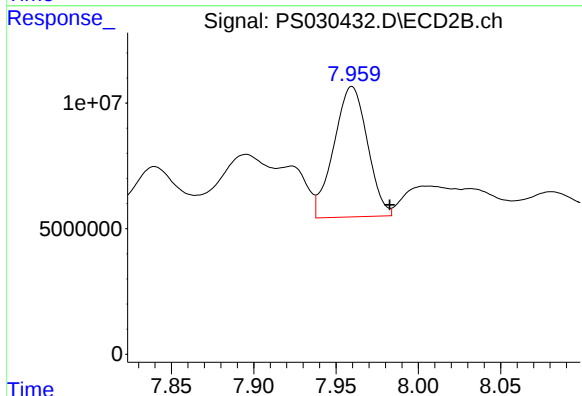
#7 MCPA

R.T.: 7.420 min
Delta R.T.: -0.017 min
Response: 285799157
Conc: 27.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

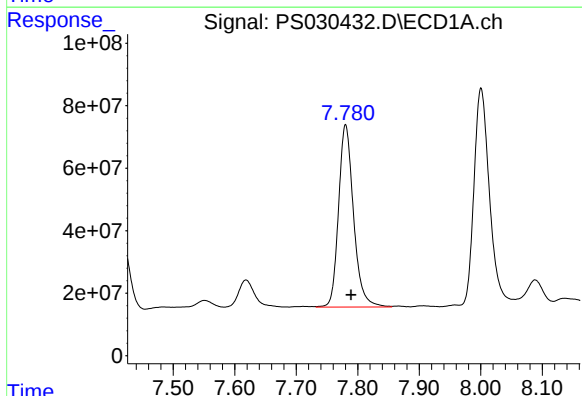
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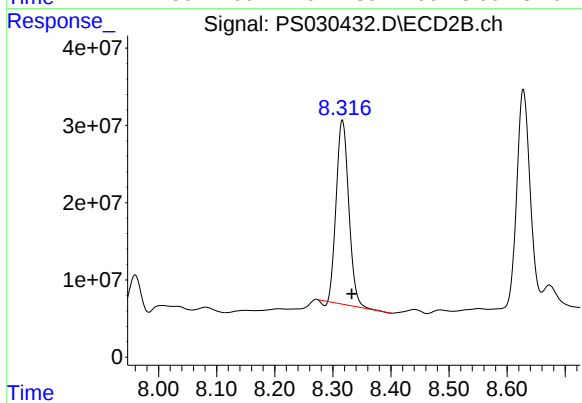
#7 MCPA

R.T.: 7.960 min
Delta R.T.: -0.023 min
Response: 73902726
Conc: 28.02 ug/ml



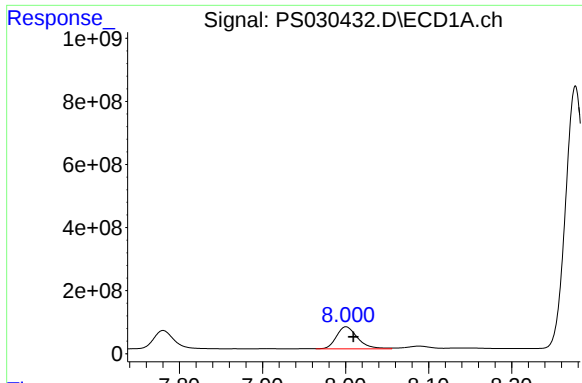
#8 DICHLORPROP

R.T.: 7.780 min
Delta R.T.: -0.009 min
Response: 986157568
Conc: 337.57 ng/ml



#8 DICHLORPROP

R.T.: 8.316 min
Delta R.T.: -0.016 min
Response: 355758123
Conc: 301.12 ng/ml



#9 2,4-D

R.T.: 8.000 min
Delta R.T.: -0.009 min
Response: 1234546677
Conc: 376.51 ng/ml

Instrument :

ECD_S

ClientSampleId :

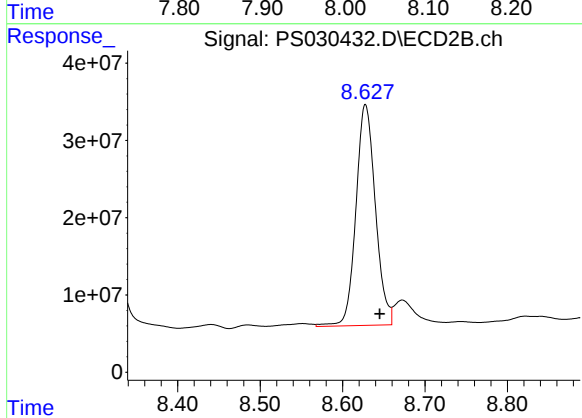
COMP-2MSD

Manual Integrations

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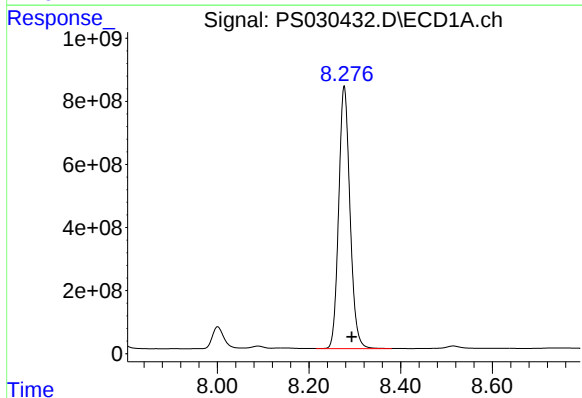
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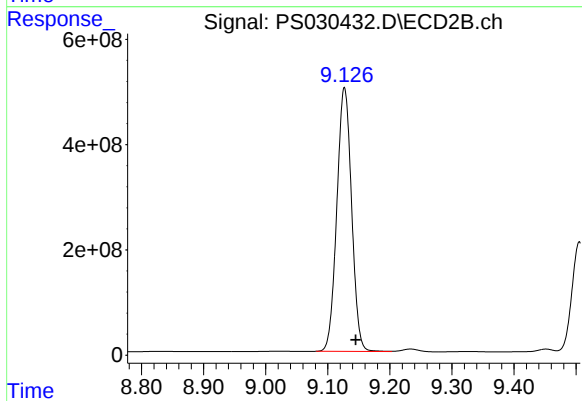
#9 2,4-D

R.T.: 8.628 min
Delta R.T.: -0.017 min
Response: 468800363
Conc: 363.27 ng/ml



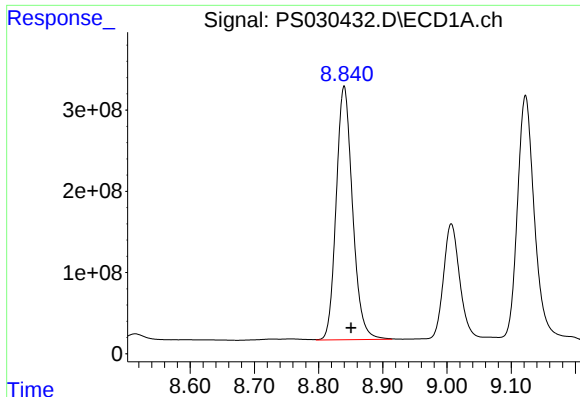
#10 Pentachlorophenol

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 14241096207
Conc: 351.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.127 min
Delta R.T.: -0.018 min
Response: 8275392125
Conc: 335.24 ng/ml



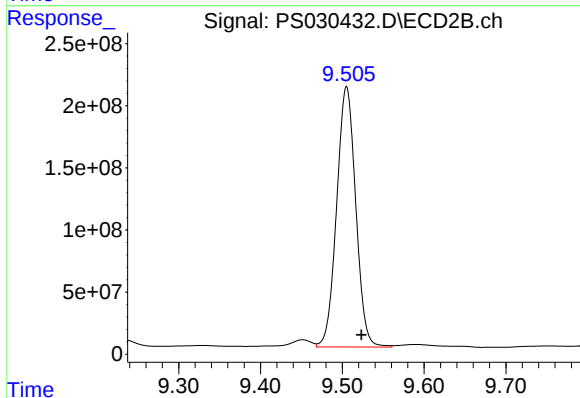
#11 2,4,5-TP (SILVEX)

R.T.: 8.840 min
Delta R.T.: -0.011 min
Response: 5526239923
Conc: 341.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

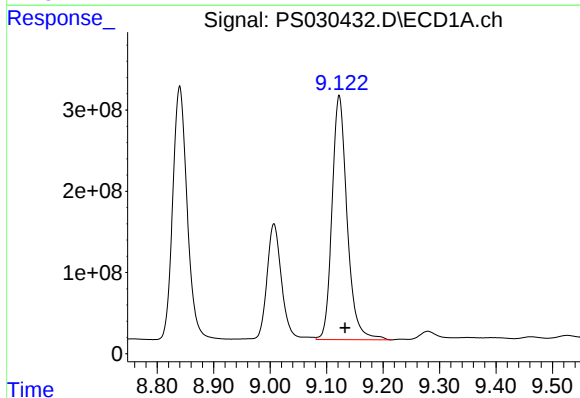
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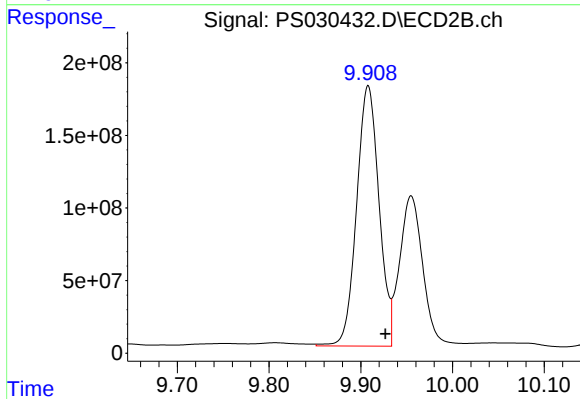
#11 2,4,5-TP (SILVEX)

R.T.: 9.505 min
Delta R.T.: -0.018 min
Response: 3399318864
Conc: 345.09 ng/ml



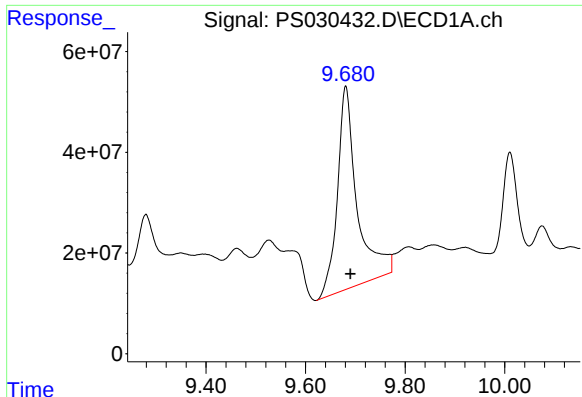
#12 2,4,5-T

R.T.: 9.122 min
Delta R.T.: -0.011 min
Response: 5577877021
Conc: 337.74 ng/ml



#12 2,4,5-T

R.T.: 9.908 min
Delta R.T.: -0.019 min
Response: 3045324705
Conc: 330.88 ng/ml



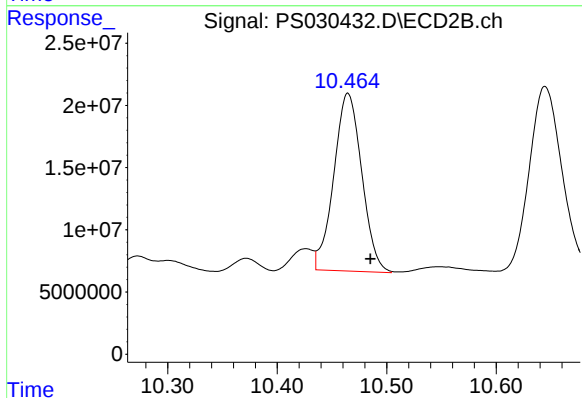
#13 2,4-DB

R.T.: 9.681 min
Delta R.T.: -0.009 min
Response: 1106452902
Conc: 423.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MSD

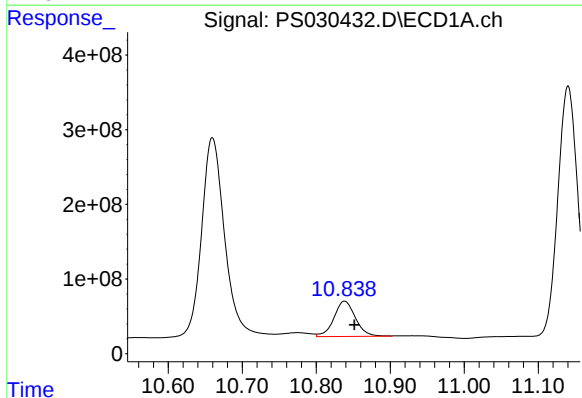
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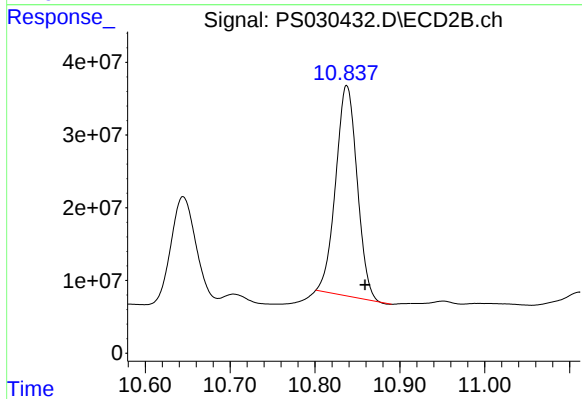
#13 2,4-DB

R.T.: 10.464 min
Delta R.T.: -0.021 min
Response: 253341527
Conc: 255.29 ng/ml m



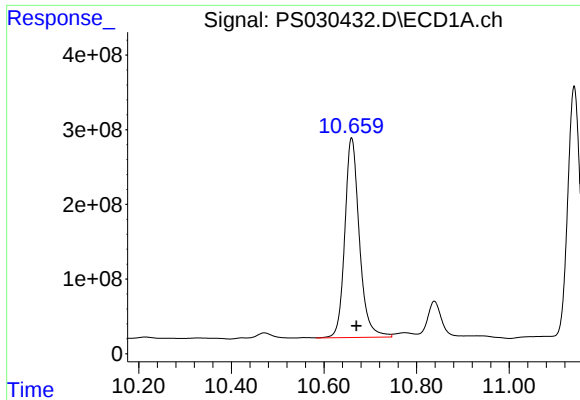
#14 DINOSEB

R.T.: 10.838 min
Delta R.T.: -0.013 min
Response: 954623506
Conc: 83.47 ng/ml



#14 DINOSEB

R.T.: 10.837 min
Delta R.T.: -0.021 min
Response: 507254008
Conc: 74.25 ng/ml



#15 Picloram

R.T.: 10.660 min
Delta R.T.: -0.011 min
Response: 5840631193
Conc: 273.09 ng/ml

Instrument :

ECD_S

ClientSampleId :

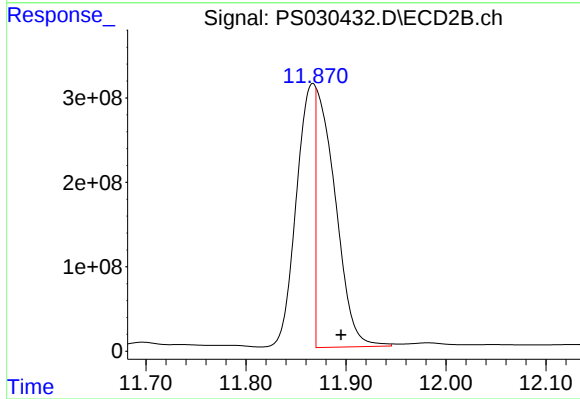
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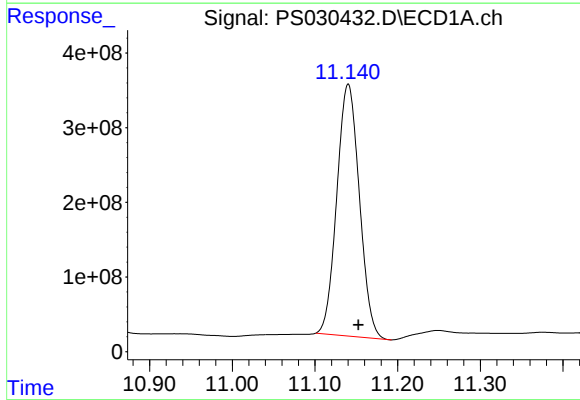
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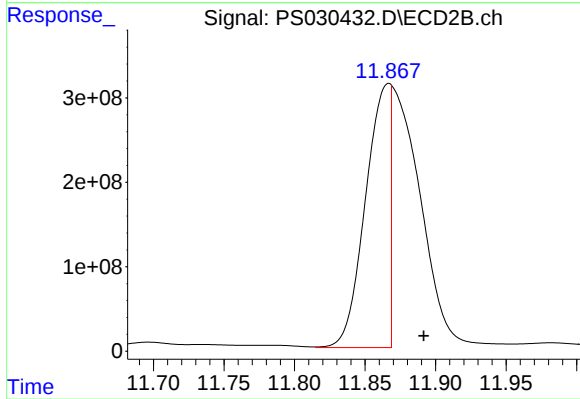
#15 Picloram

R.T.: 11.870 min
Delta R.T.: -0.025 min
Response: 4140763650
Conc: 294.23 ng/ml m



#16 DCPA

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 6390864964
Conc: 320.96 ng/ml



#16 DCPA

R.T.: 11.867 min
Delta R.T.: -0.025 min
Response: 3848115673
Conc: 284.82 ng/ml m