

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 19:04
 Operator : AR\AJ
 Sample : Q2641-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 P001-CONCRETE001-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:43:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1963.7E6	506.9E6	451.601	499.405
Target Compounds							
1) T	Dalapon	2.688	2.703	1333.9E6	1571.4E6	212.638m	553.950m#
2) T	3,5-DICHL...	6.483	6.712	3774.5E6	1077.7E6	683.453	699.882
3) T	4-Nitroph...	7.119	7.297	1187.3E6	1170.2E6	720.128	646.764
5) T	DICAMBA	7.509	7.967	11641.9E6	4766.2E6	705.698	738.553
6) T	MCPD	7.690	8.066	527.1E6	103.8E6	52.654	49.950
7) T	MCPA	7.839	8.302	801.2E6	948.9E6	64.026	300.750m#
8) T	DICHLORPROP	8.220	8.685	2710.9E6	1057.3E6	709.287	697.963
9) T	2,4-D	8.451	9.022	2999.1E6	1463.7E6	802.981	861.865
10) T	Pentachlo...	8.757	9.545	43108.9E6	29856.6E6	789.228	763.964
11) T	2,4,5-TP ...	9.336	9.926	17061.4E6	11429.8E6	777.160	767.401m
12) T	2,4,5-T	9.629	10.353	15007.0E6	10621.2E6	768.497	746.949
13) T	2,4-DB	10.206	10.918	2291.1E6	1301.9E6	766.275	1112.263m#
14) T	DINOSEB	11.418	11.305	10564.4E6	7270.1E6	678.534m	643.254
15) T	Picloram	11.229	12.414	17696.5E6	19451.7E6	884.535m	781.349
16) T	DCPA	11.714	12.349	18645.8E6	17877.9E6	649.827	776.086m

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

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Acq On : 24 Jul 2025 19:04
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

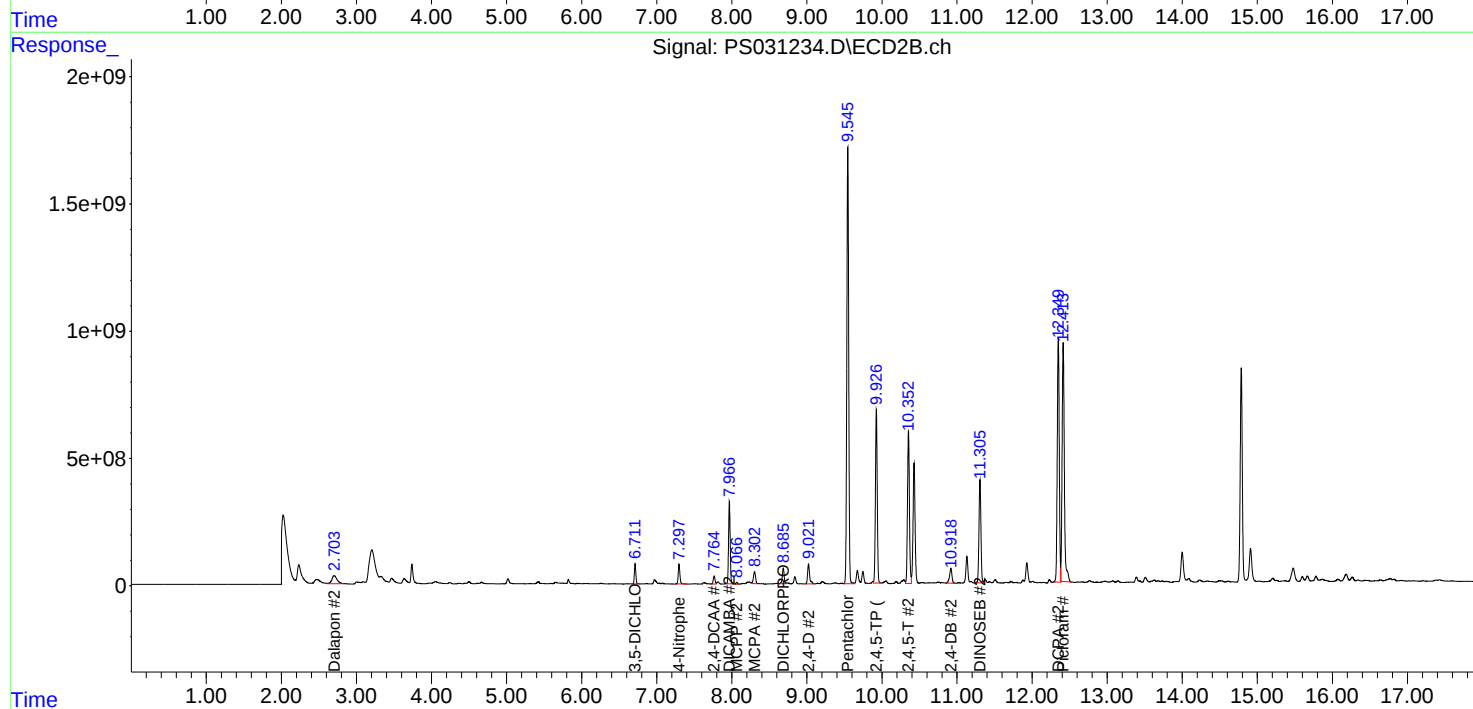
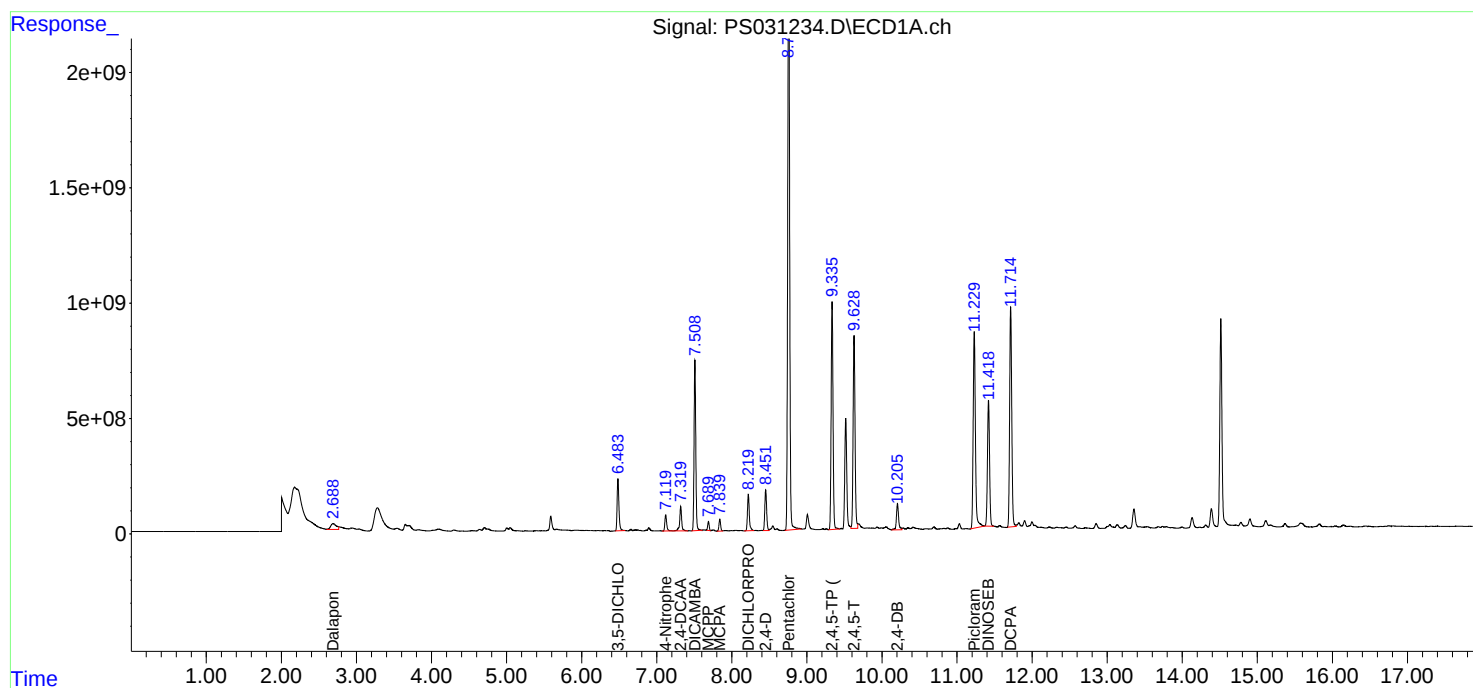
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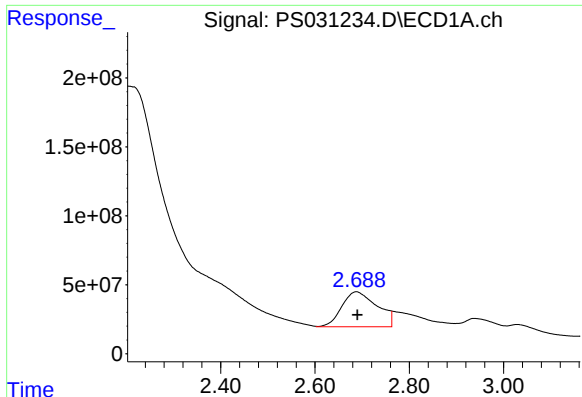
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





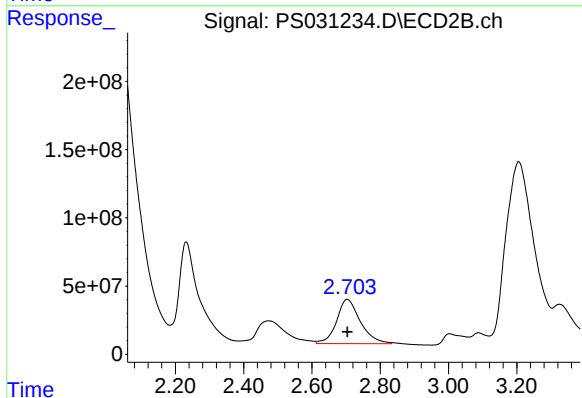
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 1333858475
Conc: 212.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

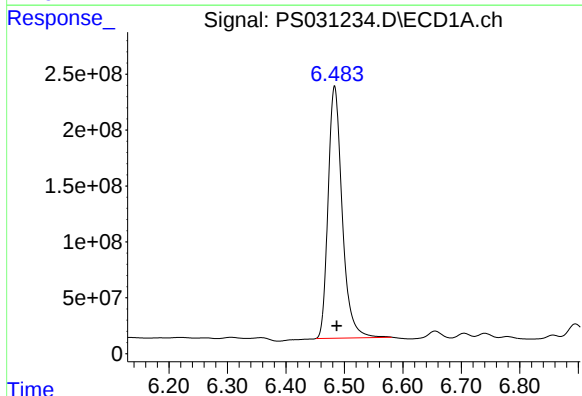
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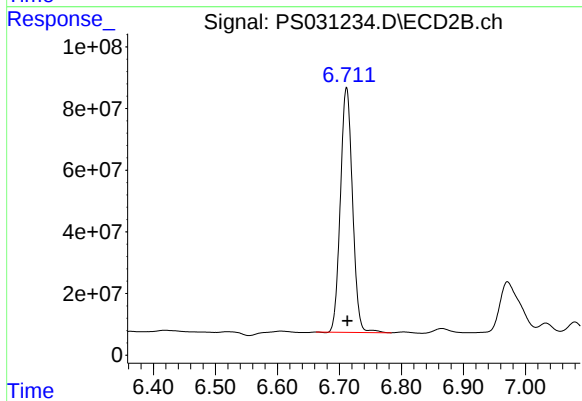
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1571412425
Conc: 553.95 ng/ml m



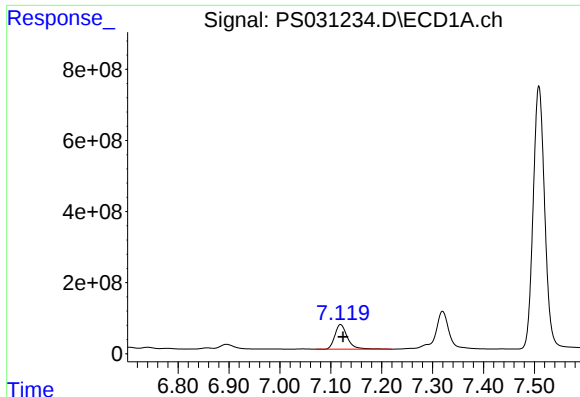
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 3774539724
Conc: 683.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 1077744340
Conc: 699.88 ng/ml



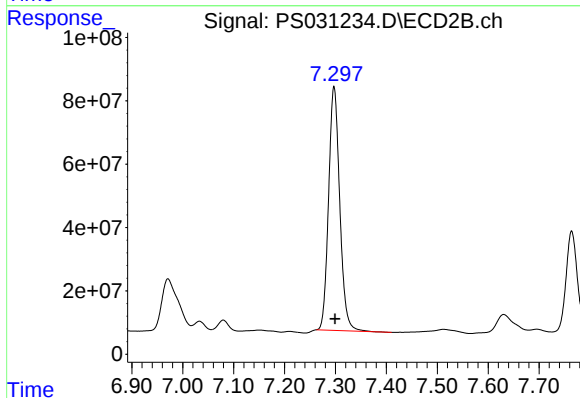
#3 4-Nitrophenol

R.T.: 7.119 min
Delta R.T.: -0.005 min
Response: 1187336484
Conc: 720.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
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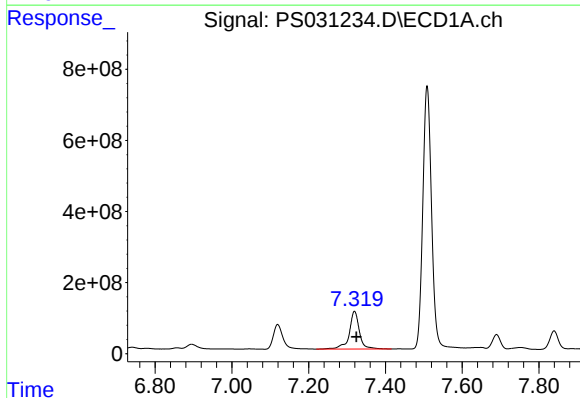
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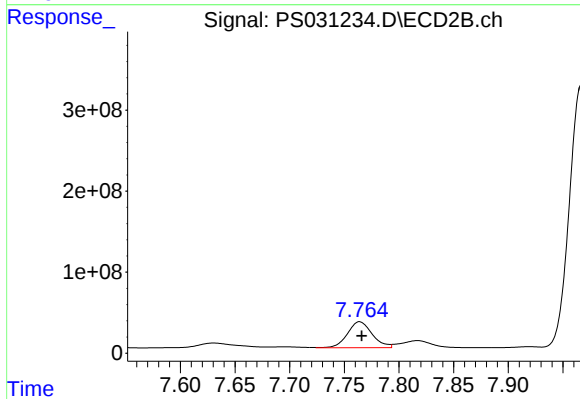
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 1170201134
Conc: 646.76 ng/ml



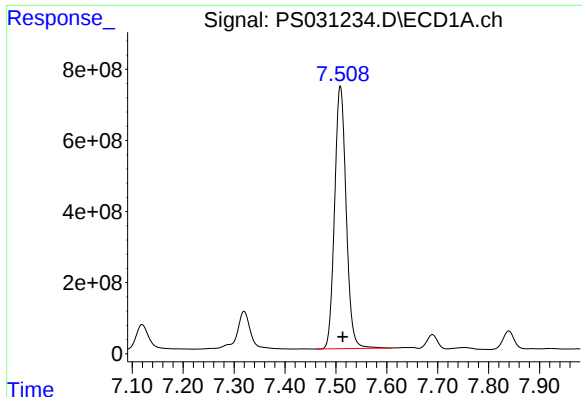
#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1963674820
Conc: 451.60 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 506880630
Conc: 499.41 ng/ml



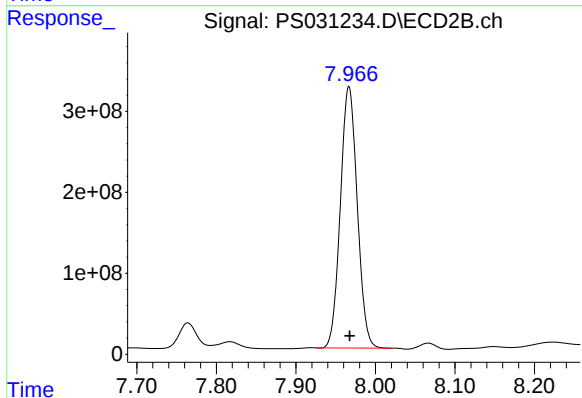
#5 DICAMBA

R.T.: 7.509 min
Delta R.T.: -0.005 min
Response: 11641882754
Conc: 705.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

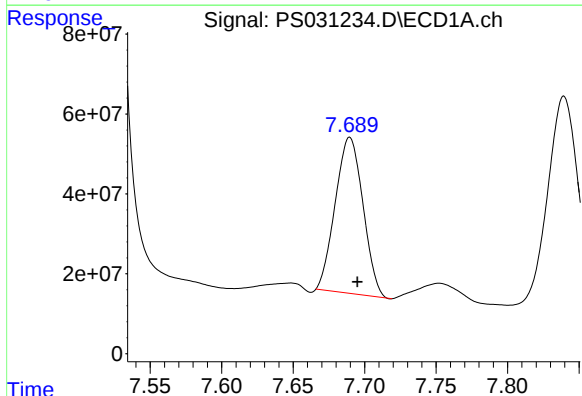
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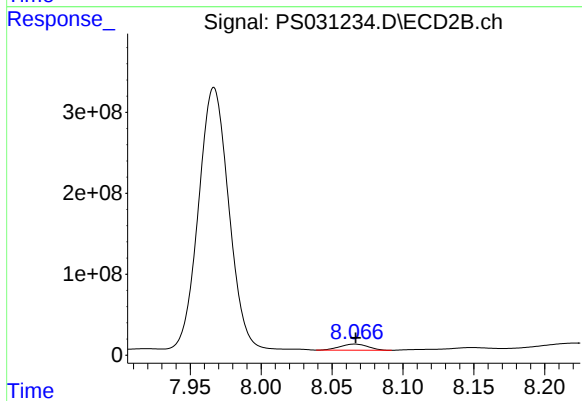
#5 DICAMBA

R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 4766154449
Conc: 738.55 ng/ml



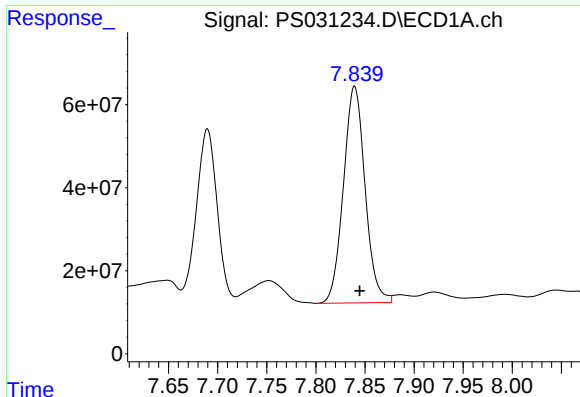
#6 MCP

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 527072125
Conc: 52.65 ug/ml



#6 MCP

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 103787451
Conc: 49.95 ug/ml



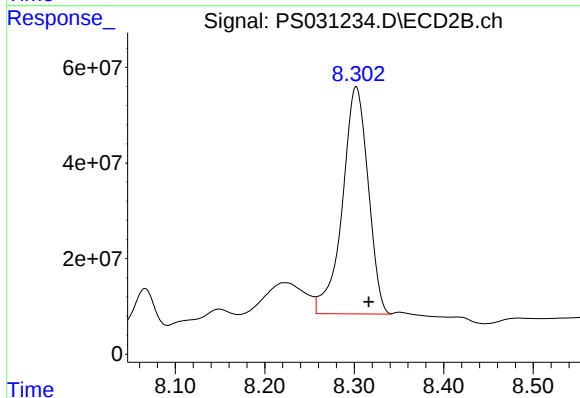
#7 MCPA

R.T.: 7.839 min
Delta R.T.: -0.005 min
Response: 801229884
Conc: 64.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

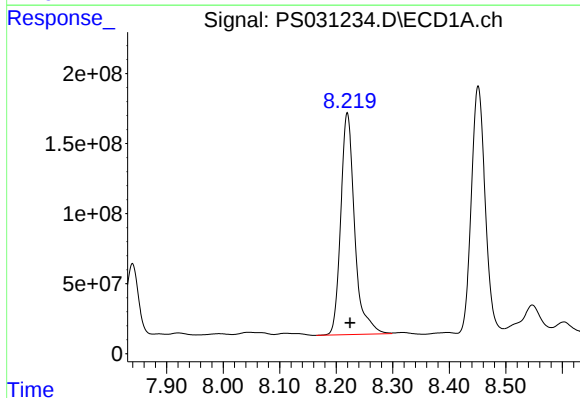
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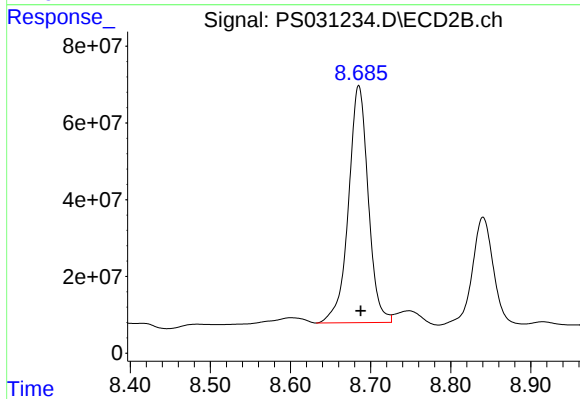
#7 MCPA

R.T.: 8.302 min
Delta R.T.: -0.014 min
Response: 948929928
Conc: 300.75 ug/ml m



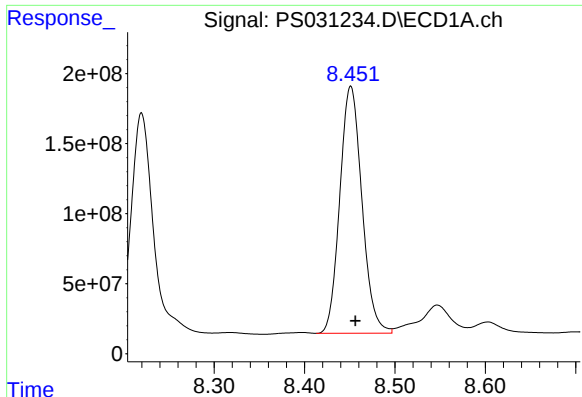
#8 DICHLORPROP

R.T.: 8.220 min
Delta R.T.: -0.005 min
Response: 2710862587
Conc: 709.29 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 1057316903
Conc: 697.96 ng/ml



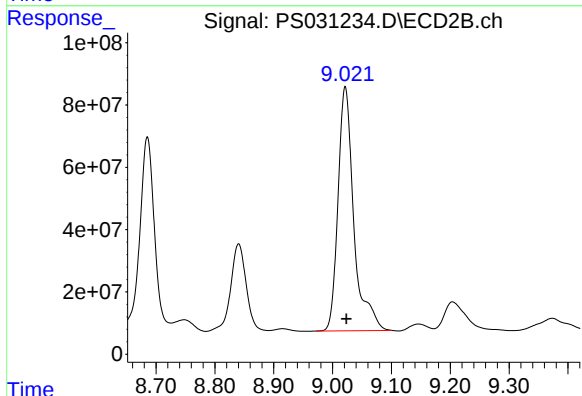
#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 2999067571
Conc: 802.98 ng/ml

Instrument :
ECD_S
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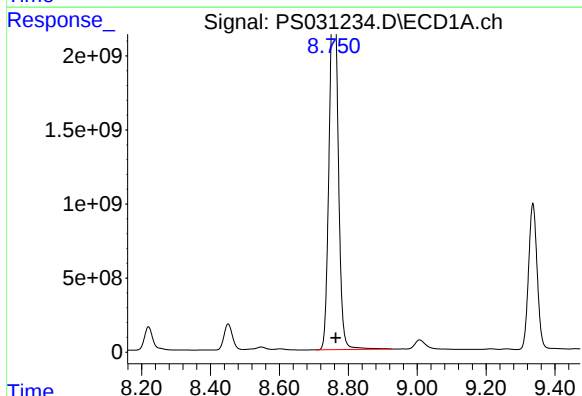
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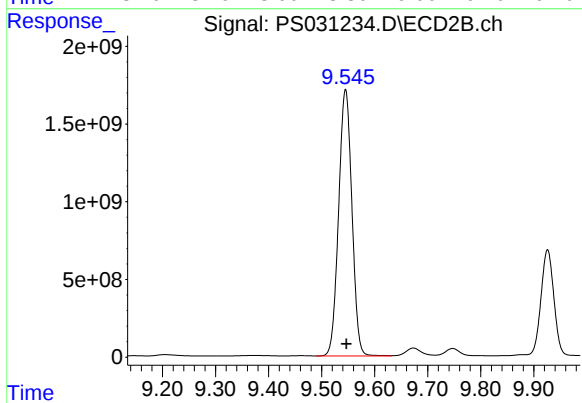
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.002 min
Response: 1463722333
Conc: 861.87 ng/ml



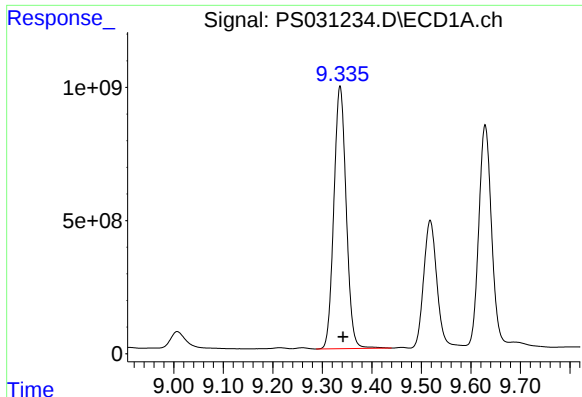
#10 Pentachlorophenol

R.T.: 8.757 min
Delta R.T.: -0.007 min
Response: 43108866964
Conc: 789.23 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 29856613069
Conc: 763.96 ng/ml



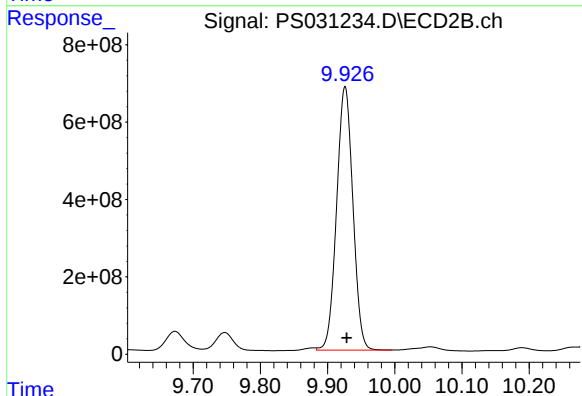
#11 2,4,5-TP (SILVEX)

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 17061435494
Conc: 777.16 ng/ml

Instrument :
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ClientSampleId :
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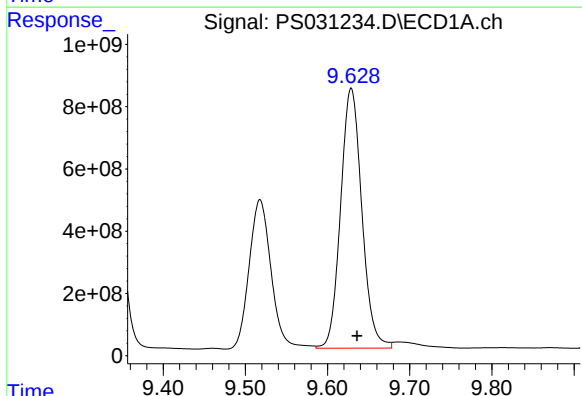
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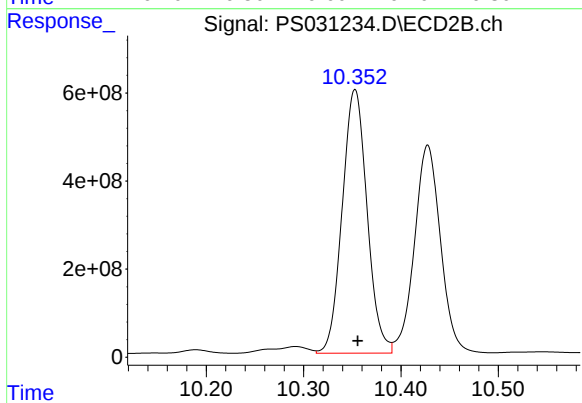
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 11429816040
Conc: 767.40 ng/ml m



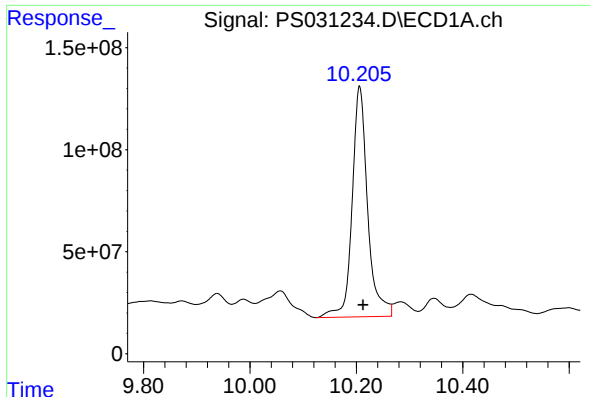
#12 2,4,5-T

R.T.: 9.629 min
Delta R.T.: -0.007 min
Response: 15007049651
Conc: 768.50 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 10621216820
Conc: 746.95 ng/ml



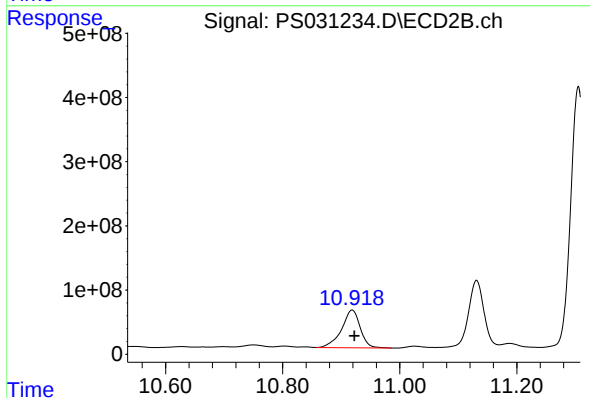
#13 2,4-DB

R.T.: 10.206 min
Delta R.T.: -0.006 min
Response: 2291073353
Conc: 766.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
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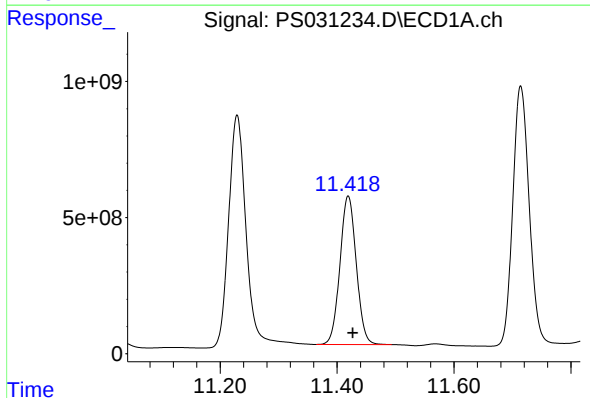
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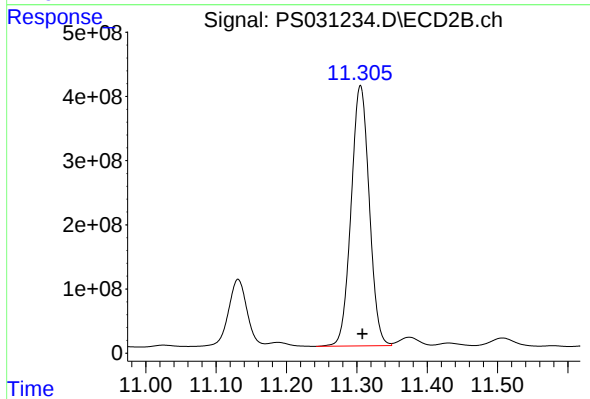
#13 2,4-DB

R.T.: 10.918 min
Delta R.T.: -0.004 min
Response: 1301916579
Conc: 1112.26 ng/ml m



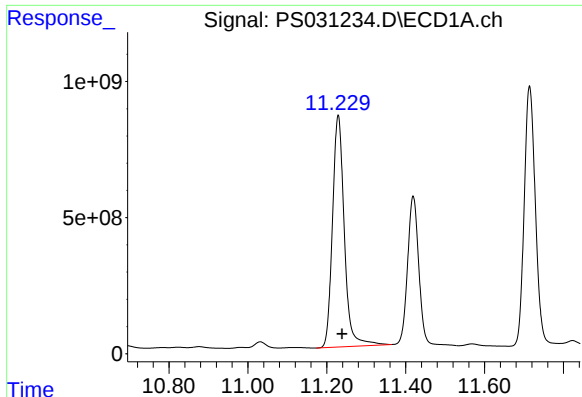
#14 DINOSEB

R.T.: 11.418 min
Delta R.T.: -0.008 min
Response: 10564423157
Conc: 678.53 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 7270112770
Conc: 643.25 ng/ml



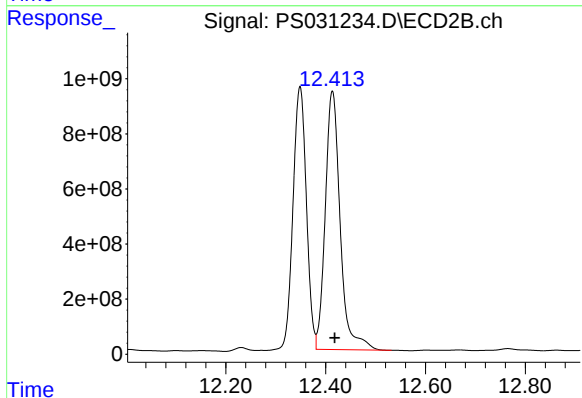
#15 Picloram

R.T.: 11.229 min
Delta R.T.: -0.010 min
Response: 17696517170
Conc: 884.53 ng/ml

Instrument :
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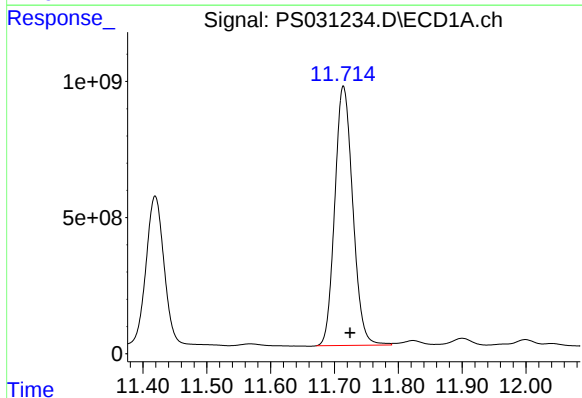
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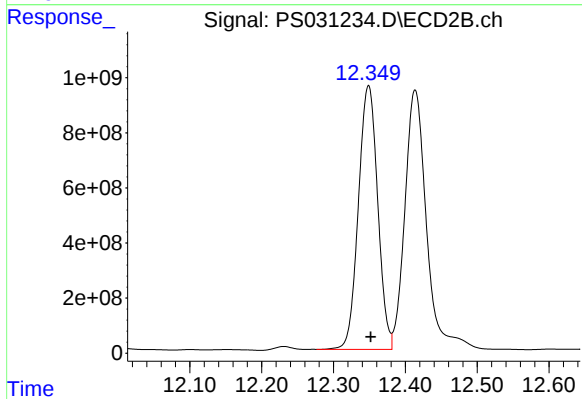
#15 Picloram

R.T.: 12.414 min
Delta R.T.: -0.005 min
Response: 19451717745
Conc: 781.35 ng/ml



#16 DCPA

R.T.: 11.714 min
Delta R.T.: -0.010 min
Response: 18645788547
Conc: 649.83 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 17877937051
Conc: 776.09 ng/ml m