

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
 Data File : PS029879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 18:05
 Operator : AR\AJ
 Sample : Q1832-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PL-714-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:43:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.945	7.471	1063.6E6	346.0E6	521.685	507.761
Target Compounds							
1) T	Dalapon	2.451	2.528	1473.1E6	855.4E6	434.233	538.834m
2) T	3,5-DICHL...	6.148	6.467	1605.5E6	458.2E6	533.793	474.578
3) T	4-Nitroph...	6.733	7.005	23966626	9925578	17.061	13.999m
5) T	DICAMBA	7.121	7.657	3803.1E6	1781.0E6	456.997	482.219
6) T	MCP	7.298	7.764	367.5E6	65165021	67.797	38.594 #
7) T	MCPA	7.440	7.993	327.1E6	108.1E6	45.004m	47.528
8) T	DICHLORPROP	7.801	8.352	1068.7E6	606.8E6	485.913	628.081 #
9) T	2,4-D	8.021	8.665	1386.7E6	578.0E6	575.492	535.966
10) T	Pentachlo...	8.301	9.167	15560.6E6	9516.3E6	511.779	530.816
11) T	2,4,5-TP ...	8.865	9.546	6383.9E6	4144.8E6	549.608m	574.636
12) T	2,4,5-T	9.147	9.951	6290.3E6	3627.1E6	546.776	541.136
13) T	2,4-DB	9.707	10.510	950.3E6	386.7E6	523.104	521.168
14) T	DINOSEB	10.870	10.884	3525.1E6	2007.8E6	417.564	392.696m
15) T	Picloram	10.687f	11.922	7070.4E6	4786.8E6	456.140m	404.824m
16) T	DCPA	11.171	11.916	7386.7E6	5829.0E6	528.903	658.599m

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

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Acq On : 21 Apr 2025 18:05
Operator : AR\AJ
Sample : Q1832-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

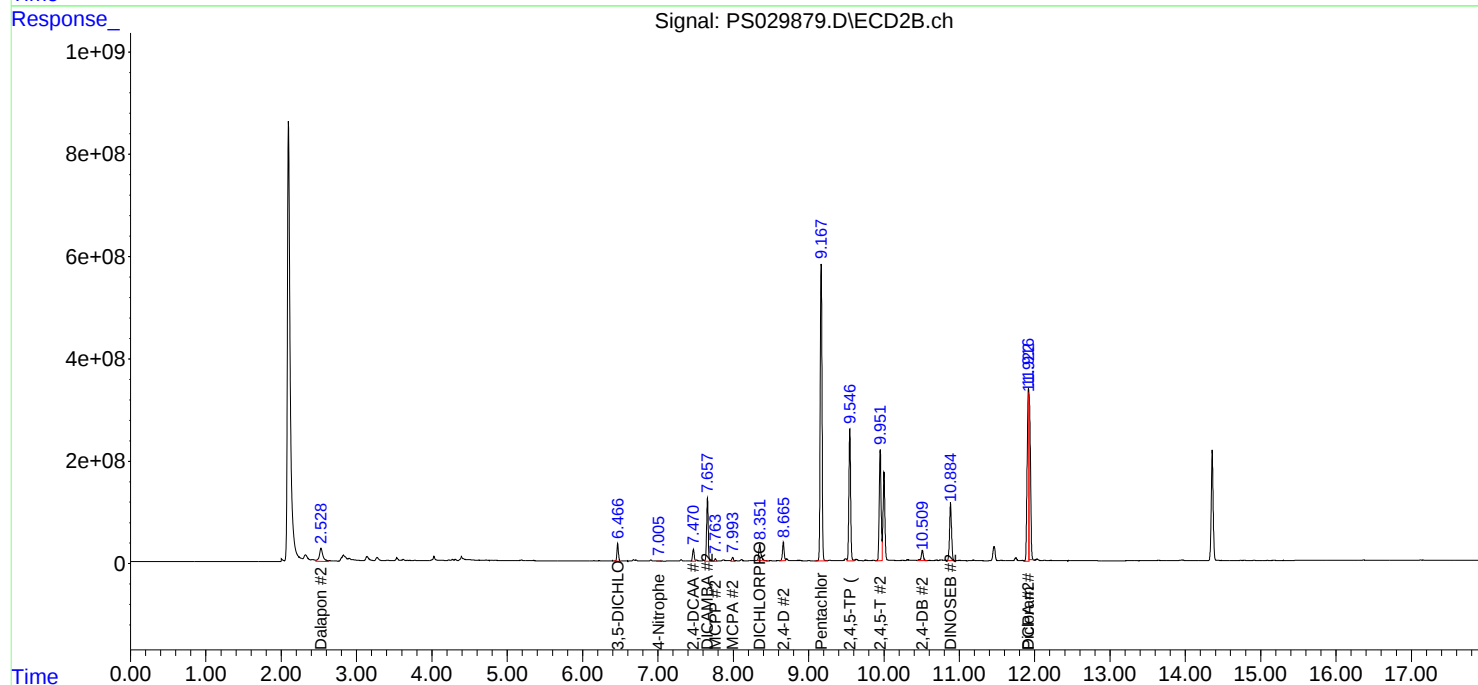
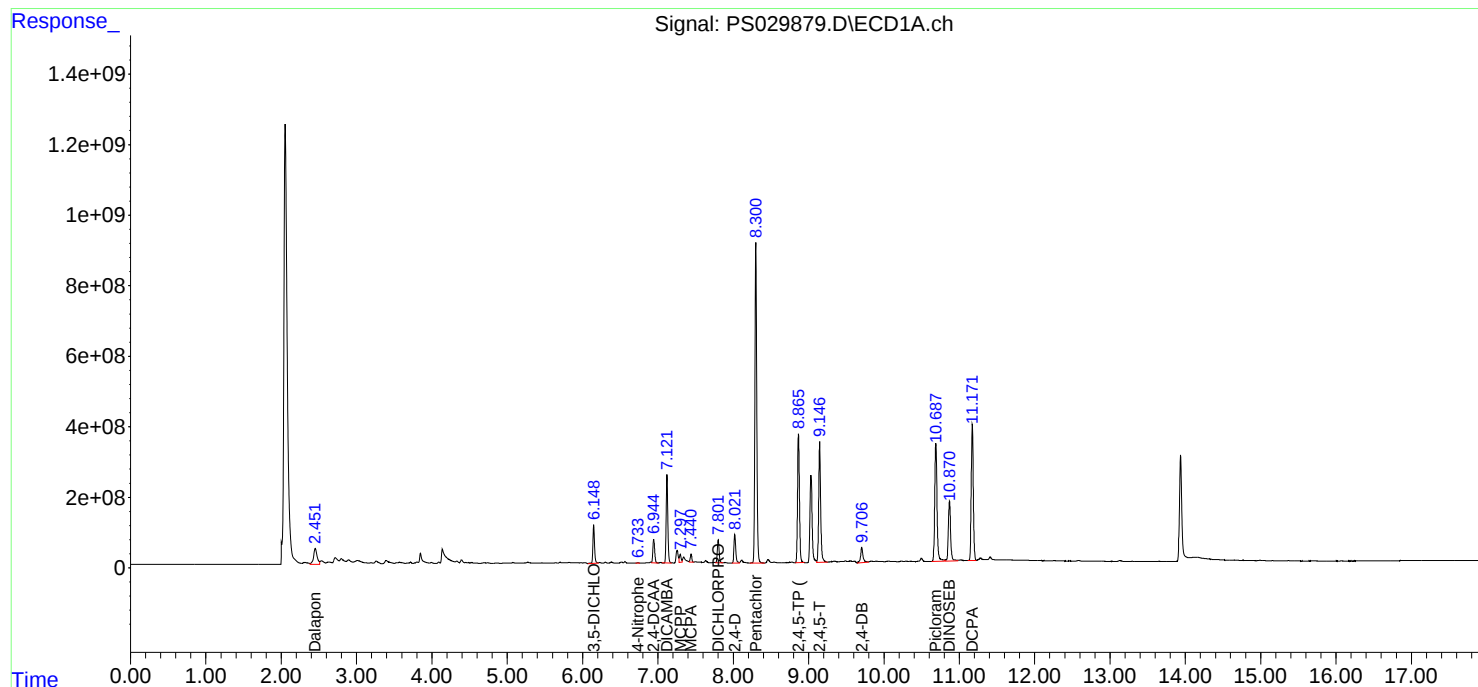
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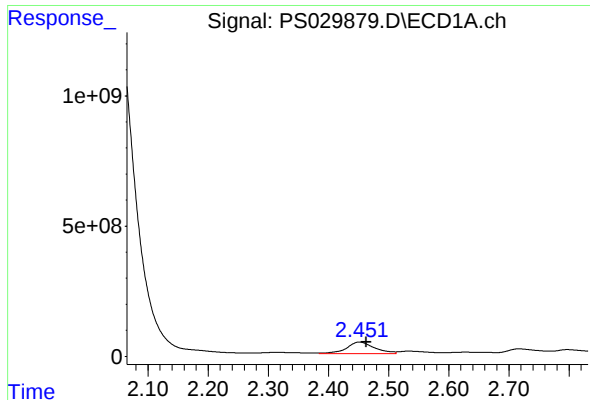
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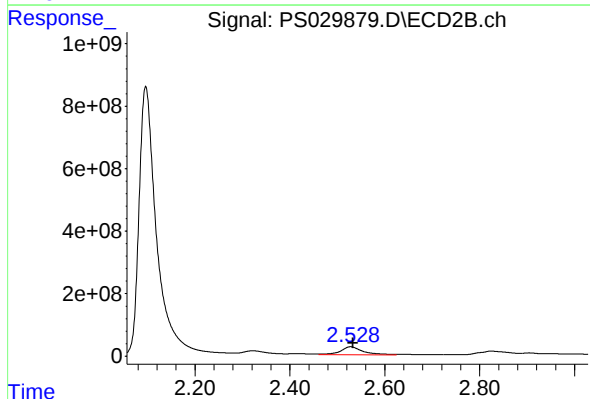
#1 Dalapon

R.T.: 2.451 min
Delta R.T.: -0.012 min
Response: 1473091554
Conc: 434.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PL-714-COMP-01MS

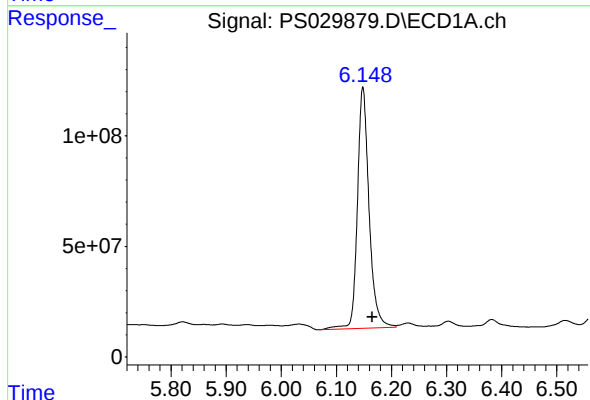
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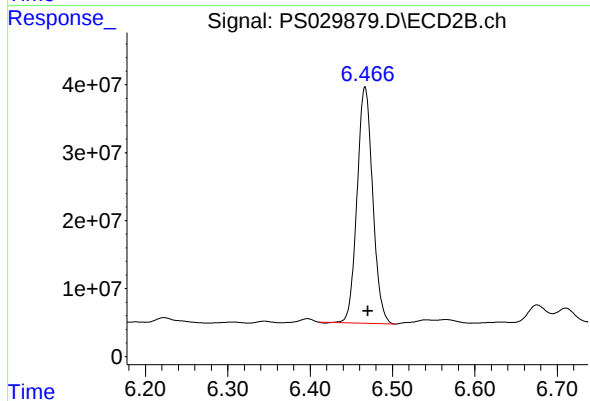
#1 Dalapon

R.T.: 2.528 min
Delta R.T.: -0.005 min
Response: 855449836
Conc: 538.83 ng/ml



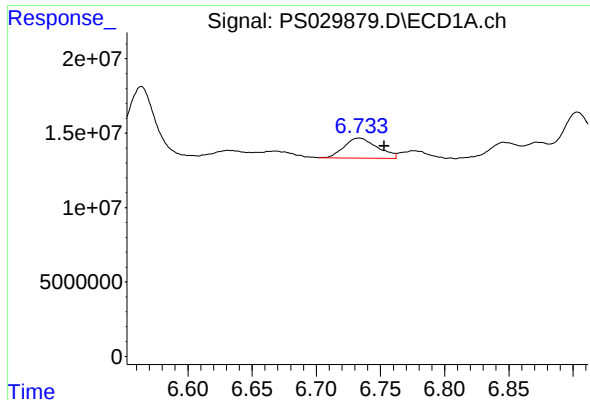
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.148 min
Delta R.T.: -0.017 min
Response: 1605521035
Conc: 533.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 458231826
Conc: 474.58 ng/ml



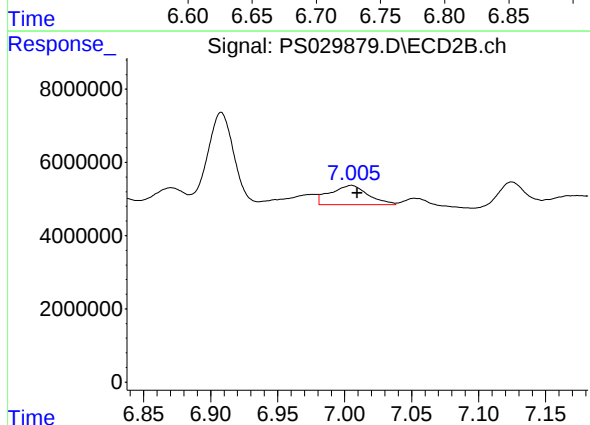
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: -0.020 min
Response: 23966626
Conc: 17.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
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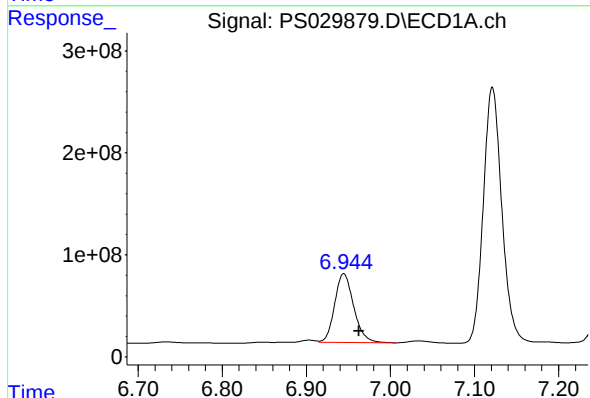
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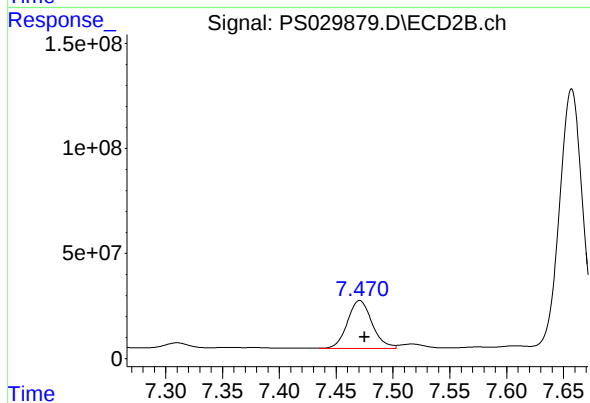
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 9925578
Conc: 14.00 ng/ml



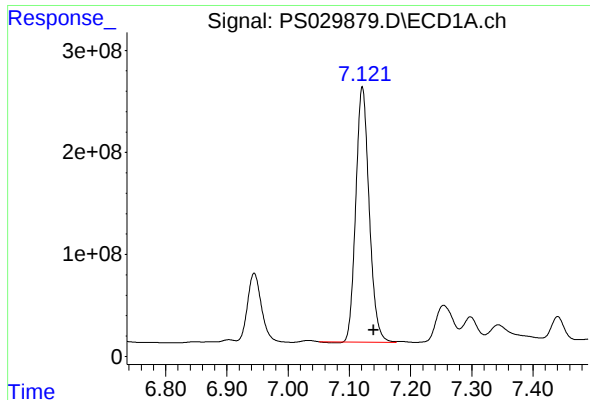
#4 2,4-DCAA

R.T.: 6.945 min
Delta R.T.: -0.018 min
Response: 1063626957
Conc: 521.68 ng/ml



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 346045583
Conc: 507.76 ng/ml



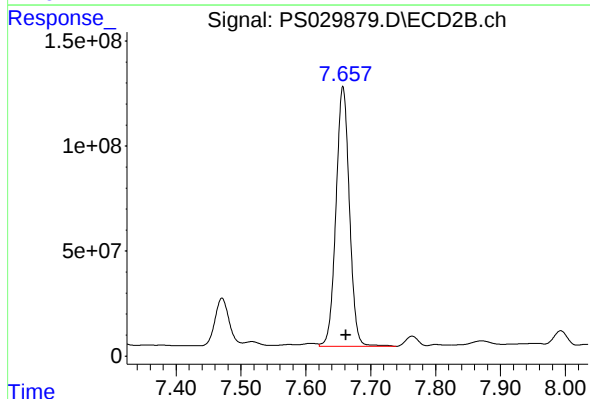
#5 DICAMBA

R.T.: 7.121 min
Delta R.T.: -0.019 min
Response: 3803104881
Conc: 457.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PL-714-COMP-01MS

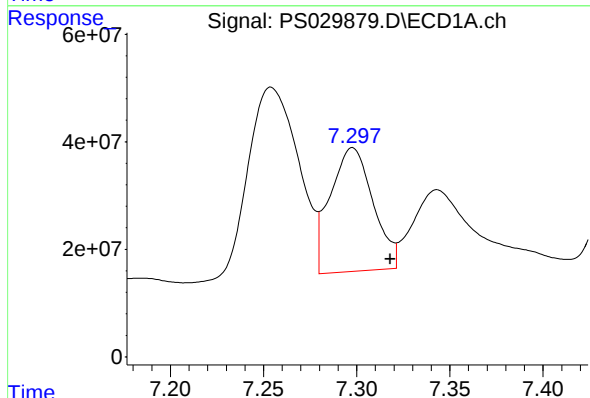
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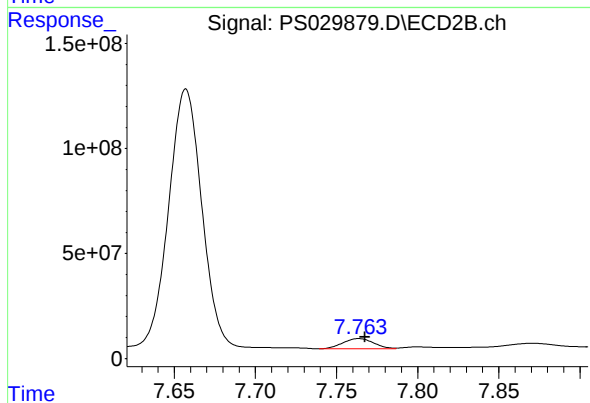
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 1781011615
Conc: 482.22 ng/ml



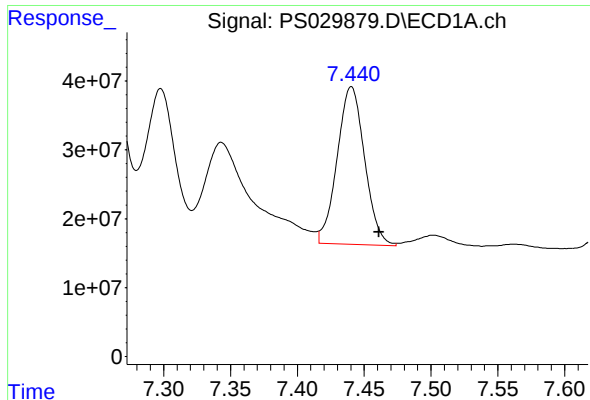
#6 MCPP

R.T.: 7.298 min
Delta R.T.: -0.020 min
Response: 367450211
Conc: 67.80 ug/ml



#6 MCPP

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 65165021
Conc: 38.59 ug/ml



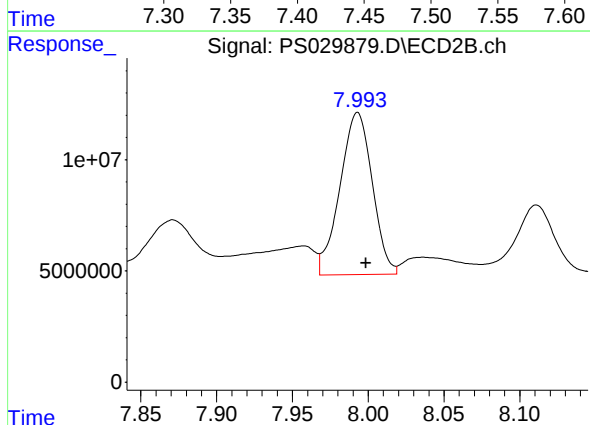
#7 MCPA

R.T.: 7.440 min
Delta R.T.: -0.021 min
Response: 327131858
Conc: 45.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
PL-714-COMP-01MS

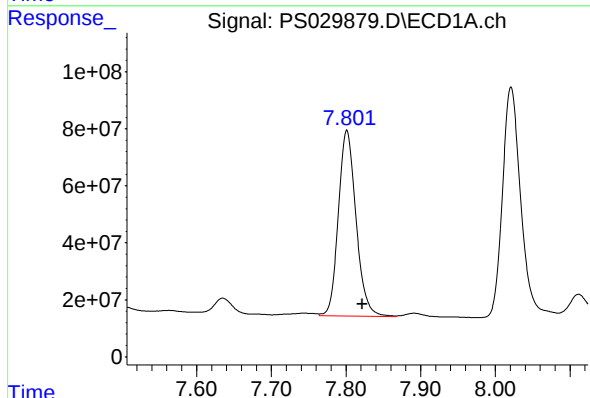
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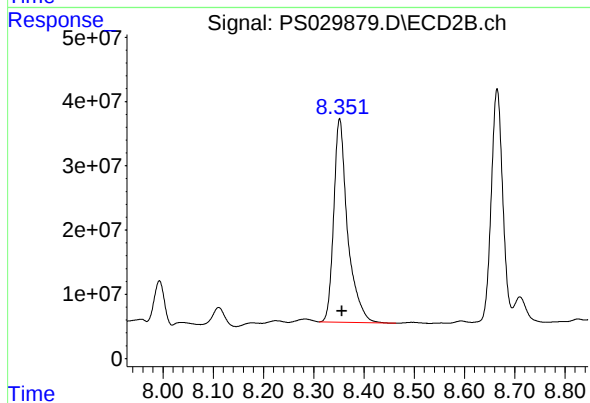
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.006 min
Response: 108138826
Conc: 47.53 ug/ml



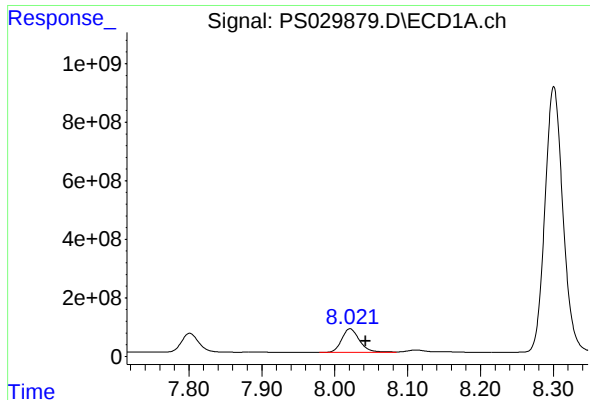
#8 DICHLORPROP

R.T.: 7.801 min
Delta R.T.: -0.021 min
Response: 1068735332
Conc: 485.91 ng/ml



#8 DICHLORPROP

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 606822202
Conc: 628.08 ng/ml



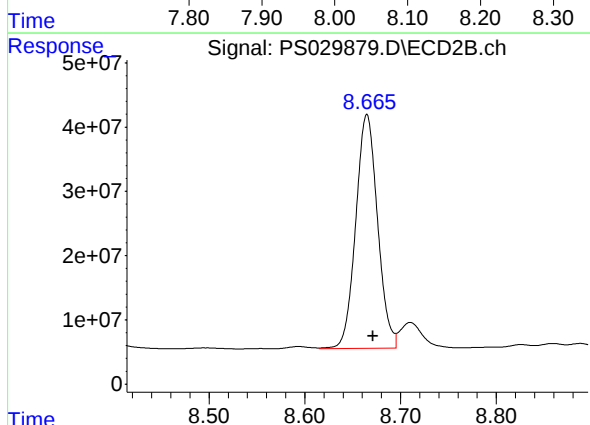
#9 2,4-D

R.T.: 8.021 min
Delta R.T.: -0.021 min
Response: 1386700691
Conc: 575.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
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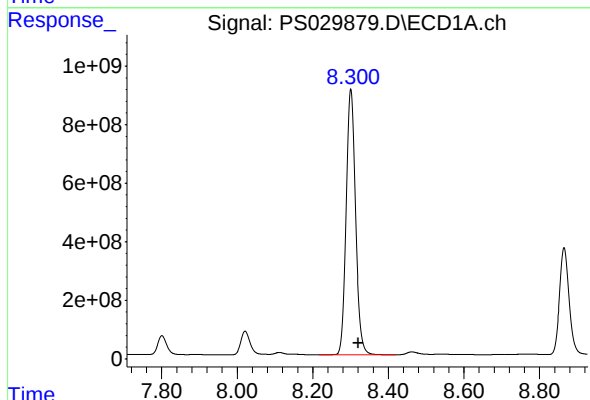
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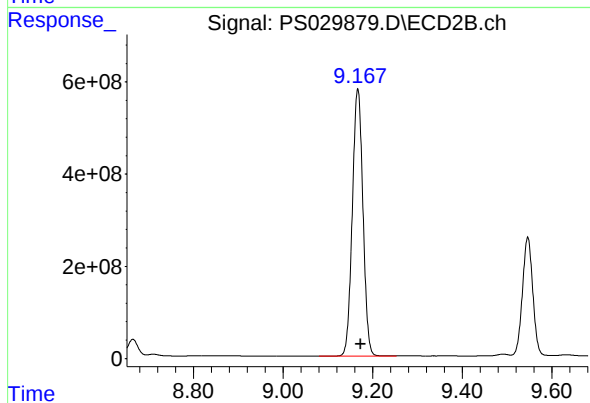
#9 2,4-D

R.T.: 8.665 min
Delta R.T.: -0.006 min
Response: 578019910
Conc: 535.97 ng/ml



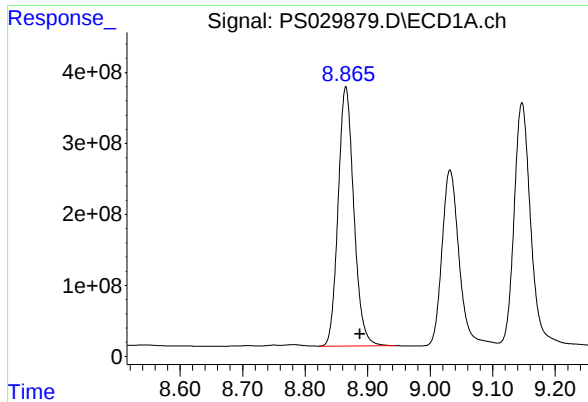
#10 Pentachlorophenol

R.T.: 8.301 min
Delta R.T.: -0.020 min
Response: 15560634483
Conc: 511.78 ng/ml



#10 Pentachlorophenol

R.T.: 9.167 min
Delta R.T.: -0.006 min
Response: 9516327322
Conc: 530.82 ng/ml



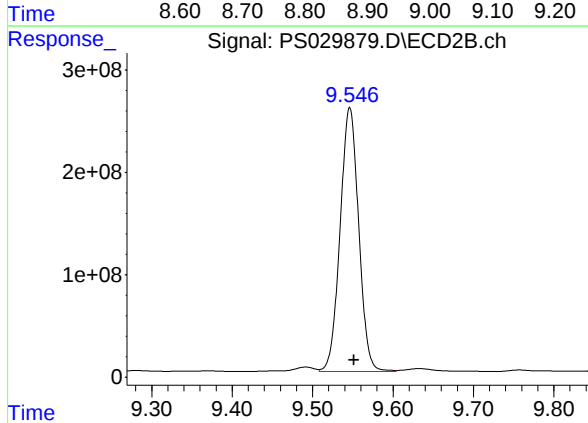
#11 2,4,5-TP (SILVEX)

R.T.: 8.865 min
Delta R.T.: -0.023 min
Response: 6383891990
Conc: 549.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
PL-714-COMP-01MS

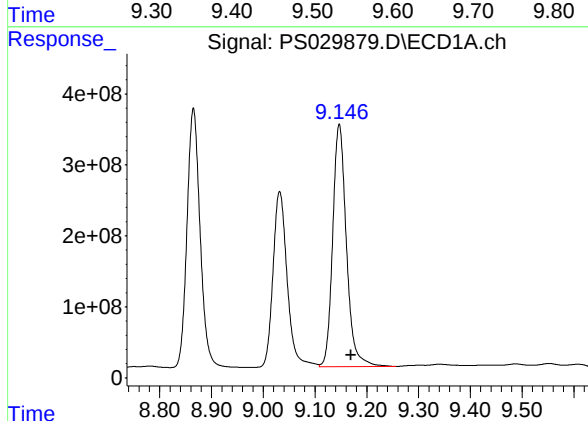
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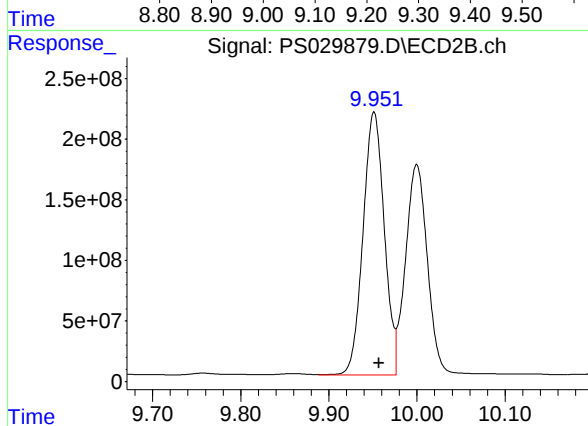
#11 2,4,5-TP (SILVEX)

R.T.: 9.546 min
Delta R.T.: -0.005 min
Response: 4144827130
Conc: 574.64 ng/ml



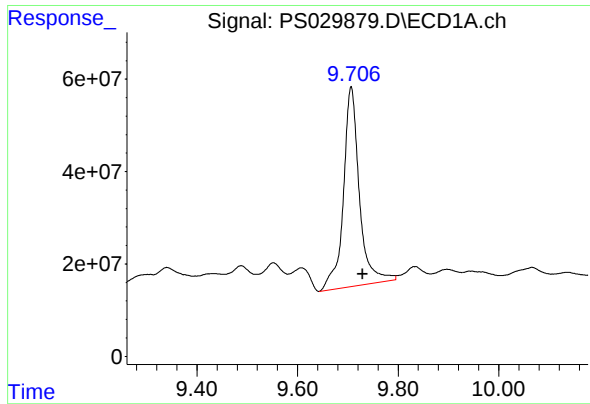
#12 2,4,5-T

R.T.: 9.147 min
Delta R.T.: -0.023 min
Response: 6290344304
Conc: 546.78 ng/ml



#12 2,4,5-T

R.T.: 9.951 min
Delta R.T.: -0.006 min
Response: 3627148108
Conc: 541.14 ng/ml



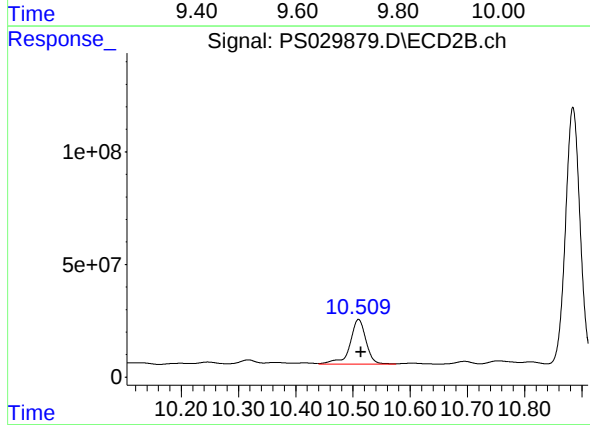
#13 2,4-DB

R.T.: 9.707 min
Delta R.T.: -0.023 min
Response: 950346267
Conc: 523.10 ng/ml

Instrument :
ECD_S
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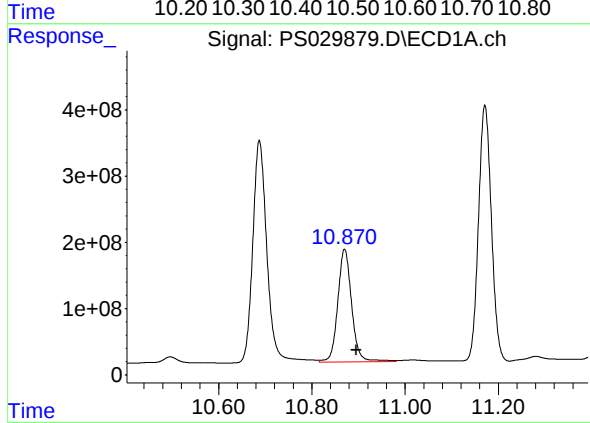
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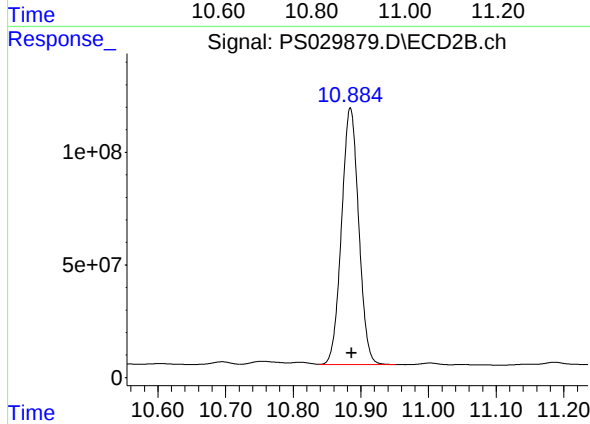
#13 2,4-DB

R.T.: 10.510 min
Delta R.T.: -0.004 min
Response: 386693639
Conc: 521.17 ng/ml



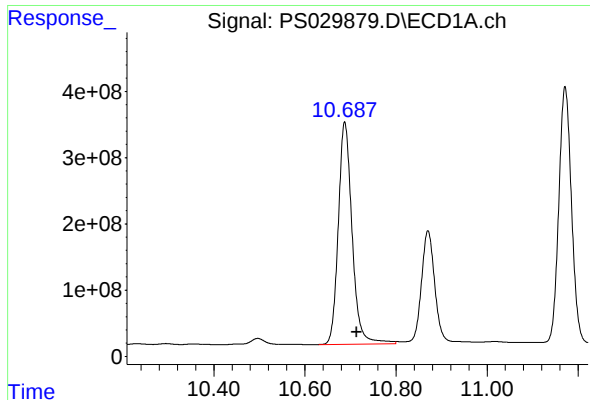
#14 DINOSEB

R.T.: 10.870 min
Delta R.T.: -0.025 min
Response: 3525088896
Conc: 417.56 ng/ml



#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.003 min
Response: 2007775839
Conc: 392.70 ng/ml m



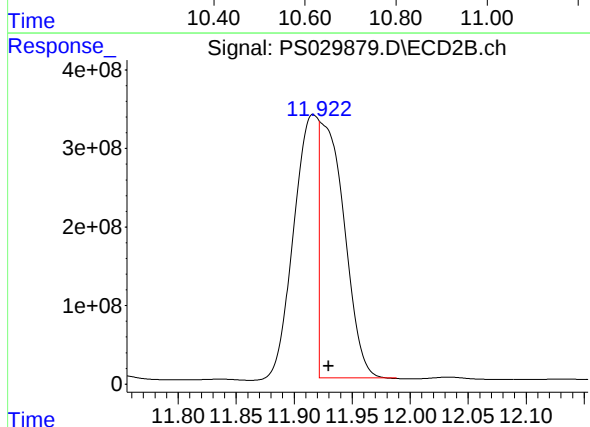
#15 Picloram

R.T.: 10.687 min
Delta R.T.: -0.026 min
Response: 7070356312
Conc: 456.14 ng/ml

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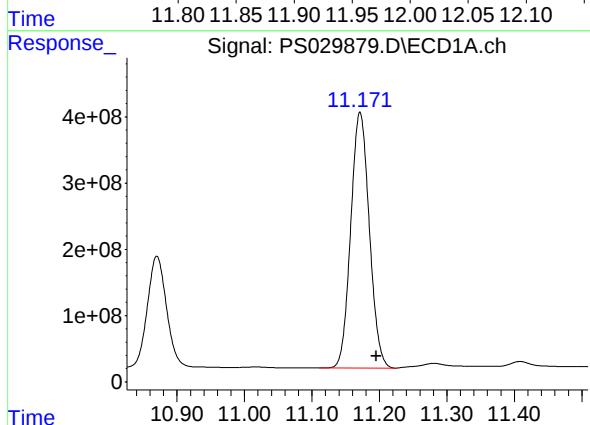
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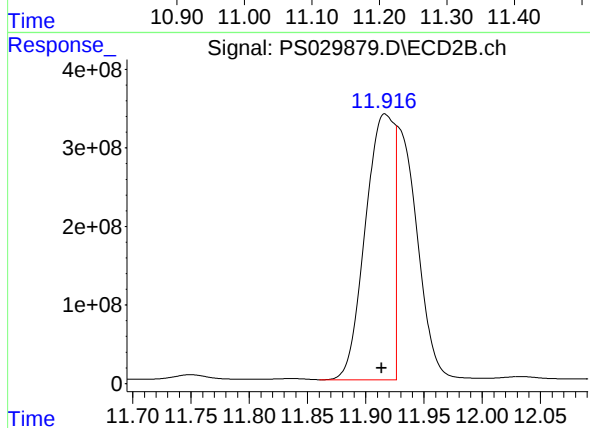
#15 Picloram

R.T.: 11.922 min
Delta R.T.: -0.008 min
Response: 4786807245
Conc: 404.82 ng/ml m



#16 DCPA

R.T.: 11.171 min
Delta R.T.: -0.024 min
Response: 7386722587
Conc: 528.90 ng/ml



#16 DCPA

R.T.: 11.916 min
Delta R.T.: 0.002 min
Response: 5829041824
Conc: 658.60 ng/ml m