

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041625\
 Data File : PS029831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 20:01
 Operator : AR\AJ
 Sample : Q1800-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-A4-01-CMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/17/2025
 Supervised By : mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:23:35 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	6.952	7.475	1051.7E6	334.9E6	515.838	491.476
Target Compounds							
1) T	Dalapon	2.454	2.529	1594.6E6	806.1E6	470.057	507.730m
2) T	3,5-DICHL...	6.155	6.470	1736.6E6	581.0E6	577.375m	601.763m
3) T	4-Nitroph...	6.743	7.009	35871054	9554822	25.535m	13.477m#
5) T	DICAMBA	7.128	7.661	4811.1E6	2238.3E6	578.117m	606.035
6) T	MCP	7.305	7.768	573.7E6	82202284	105.853	48.684 #
7) T	MCPA	7.448	7.998	401.1E6	136.1E6	55.180m	59.823
8) T	DICHLORPROP	7.809	8.356	1316.0E6	686.7E6	598.316	710.799
9) T	2,4-D	8.029	8.670	1706.2E6	728.6E6	708.101	675.627
10) T	Pentachlo...	8.308	9.173	15564.7E6	9898.0E6	511.913	552.103
11) T	2,4,5-TP ...	8.873	9.551	7694.3E6	5312.6E6	662.422	736.530
12) T	2,4,5-T	9.155	9.957	7728.8E6	4443.4E6	671.812	662.908
13) T	2,4-DB	9.716	10.515	1049.7E6	489.2E6	577.784m	659.274m
14) T	DINOSEB	10.880	10.890	3418.5E6	1916.6E6	404.932	374.860
15) T	Picloram	10.698	11.929	8633.8E6	5798.5E6	557.003	490.384m
16) T	DCPA	11.181	11.924	8770.6E6	6979.8E6	627.990	788.615m#

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

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Acq On : 16 Apr 2025 20:01
Operator : AR\AJ
Sample : Q1800-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

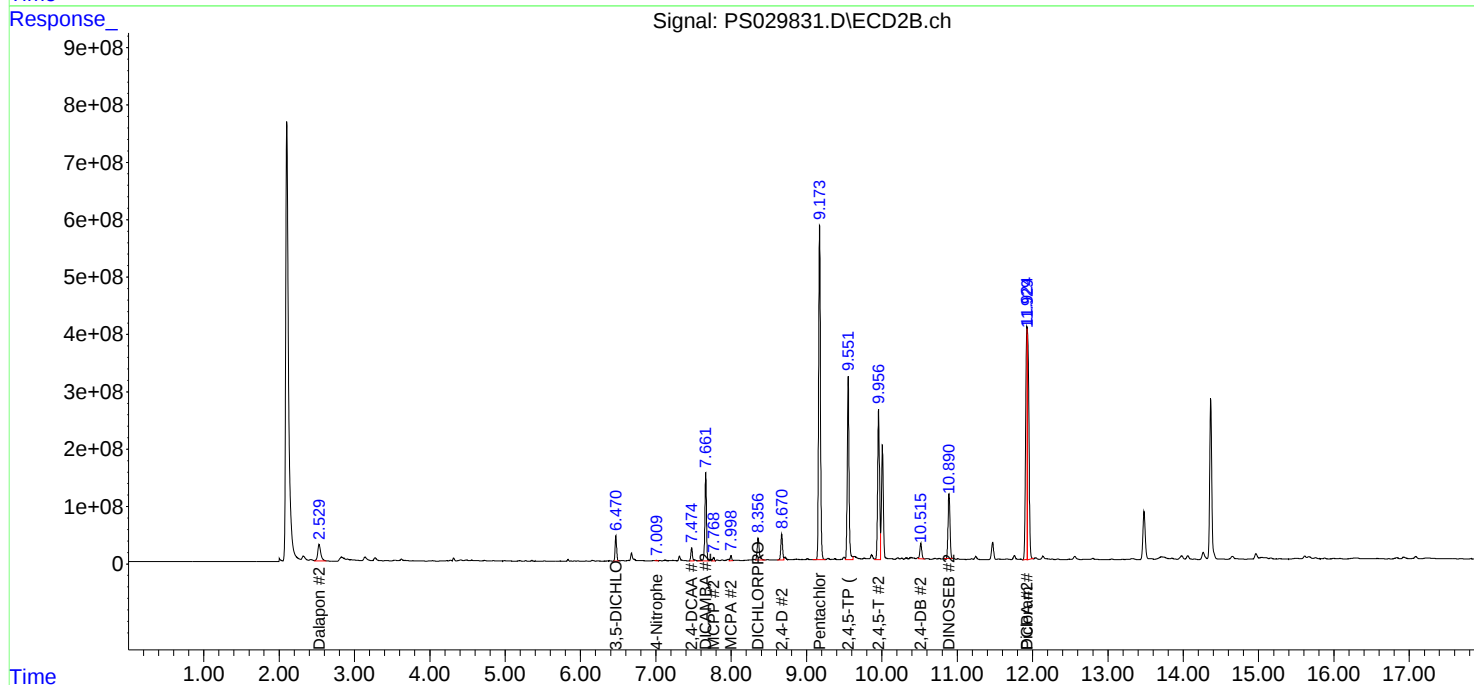
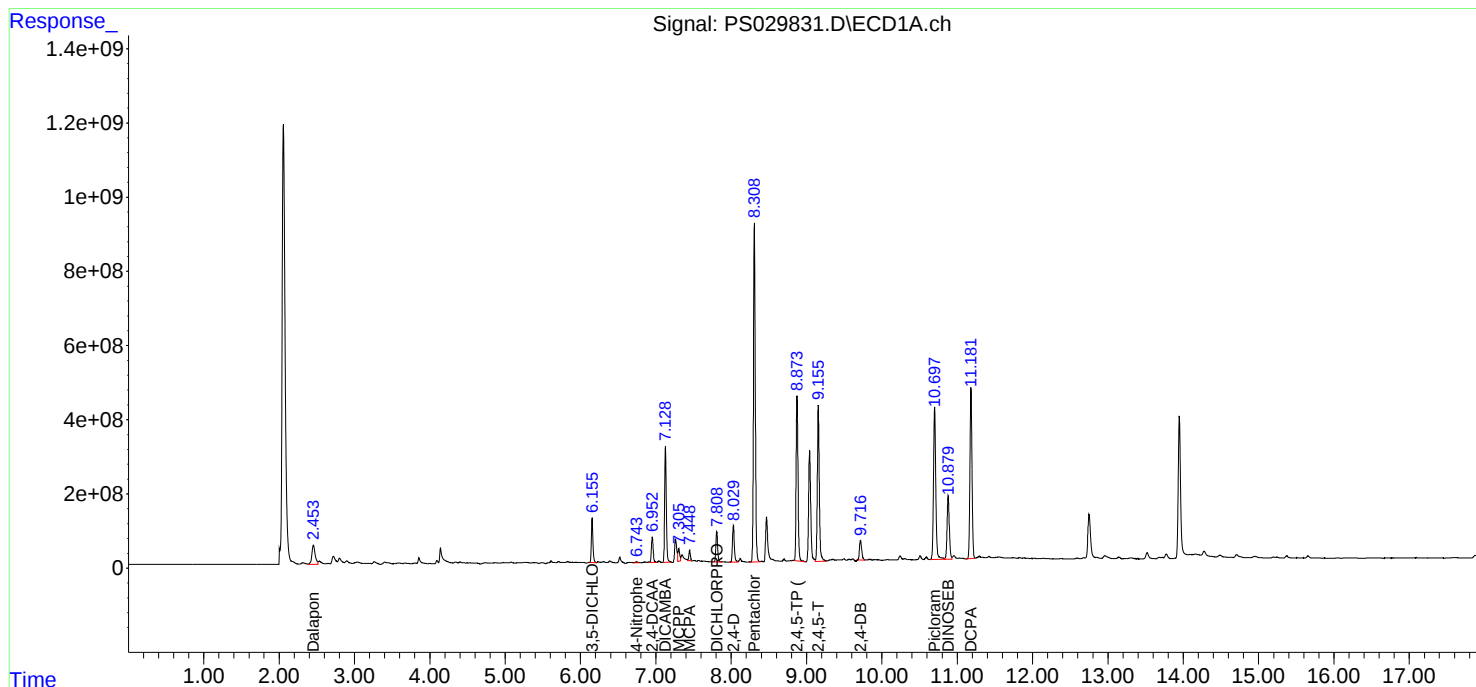
Instrument :
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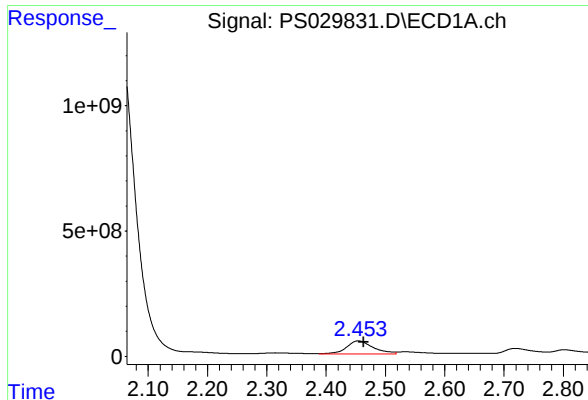
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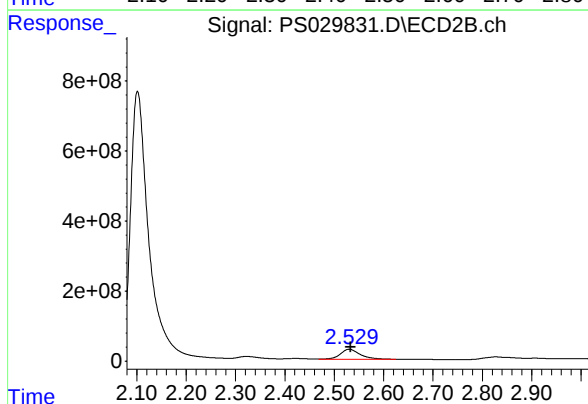
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 1594619917
Conc: 470.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
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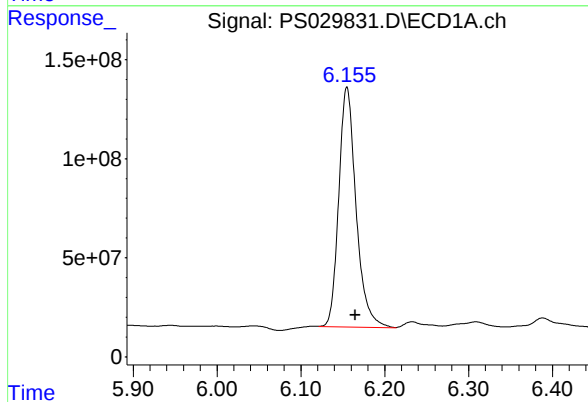
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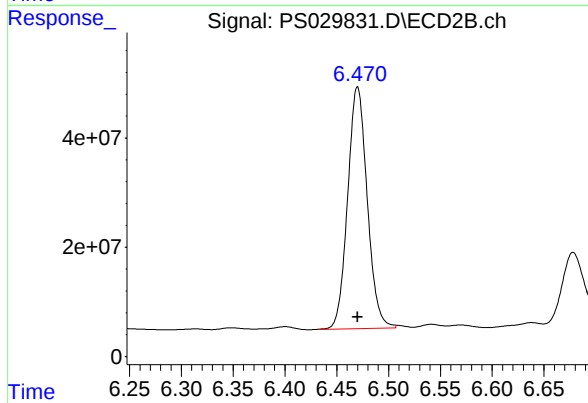
#1 Dalapon

R.T.: 2.529 min
Delta R.T.: -0.004 min
Response: 806069357
Conc: 507.73 ng/ml



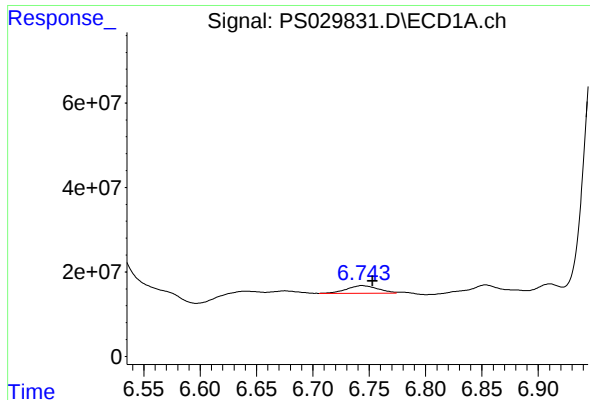
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.155 min
Delta R.T.: -0.010 min
Response: 1736605524
Conc: 577.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 581036032
Conc: 601.76 ng/ml



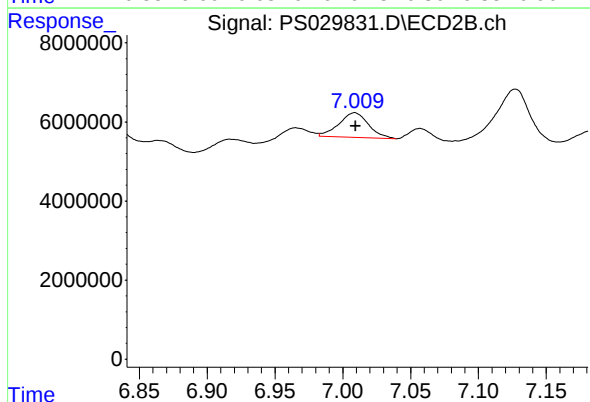
#3 4-Nitrophenol

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 35871054
Conc: 25.53 ng/ml

Instrument :
ECD_S
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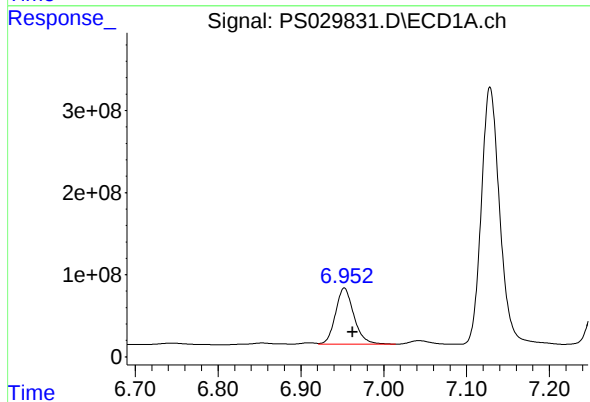
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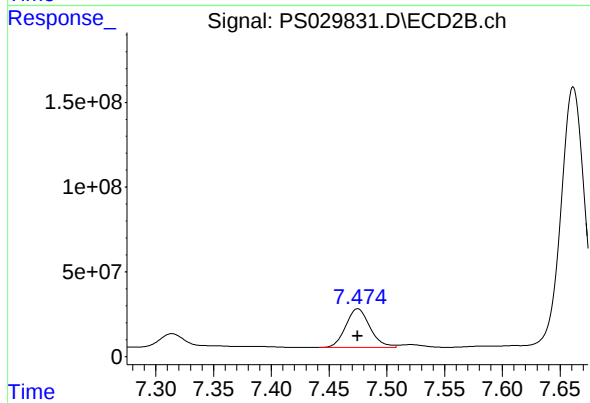
#3 4-Nitrophenol

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 9554822
Conc: 13.48 ng/ml



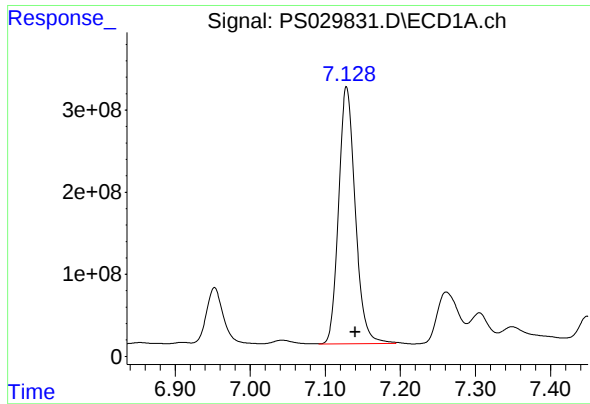
#4 2,4-DCAA

R.T.: 6.952 min
Delta R.T.: -0.010 min
Response: 1051706749
Conc: 515.84 ng/ml



#4 2,4-DCAA

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 334947059
Conc: 491.48 ng/ml



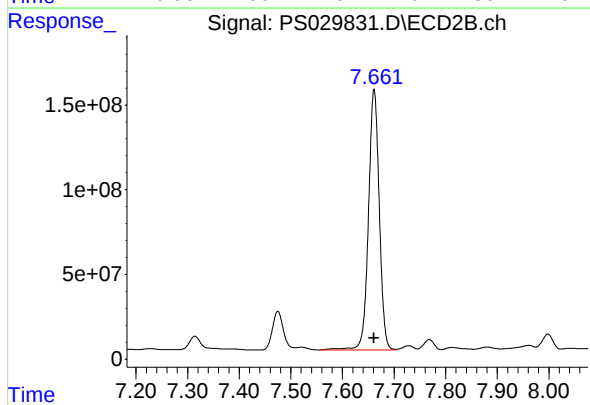
#5 DICAMBA

R.T.: 7.128 min
Delta R.T.: -0.012 min
Response: 4811053665
Conc: 578.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-01-CMSD

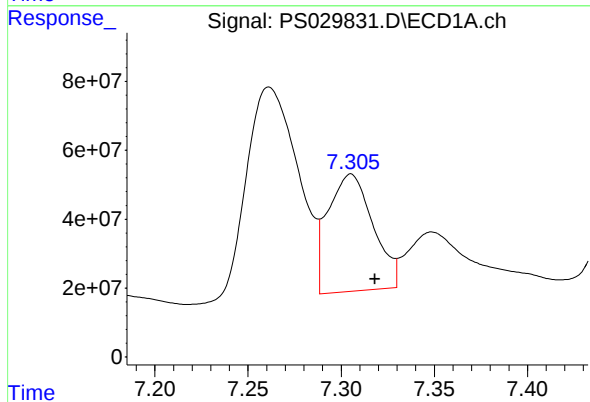
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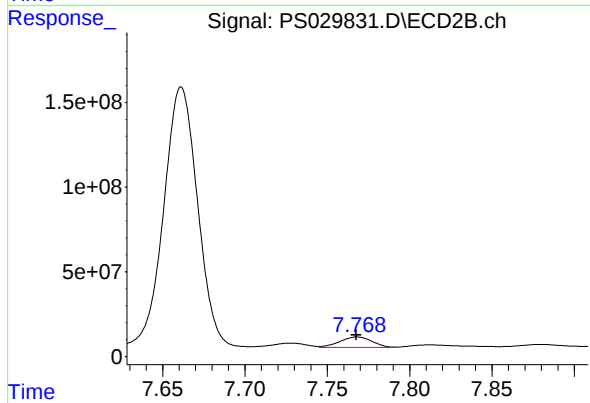
#5 DICAMBA

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 2238309346
Conc: 606.03 ng/ml



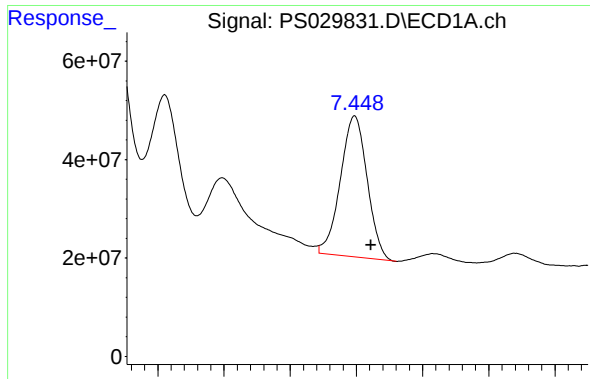
#6 MCPP

R.T.: 7.305 min
Delta R.T.: -0.013 min
Response: 573706496
Conc: 105.85 ug/ml



#6 MCPP

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 82202284
Conc: 48.68 ug/ml



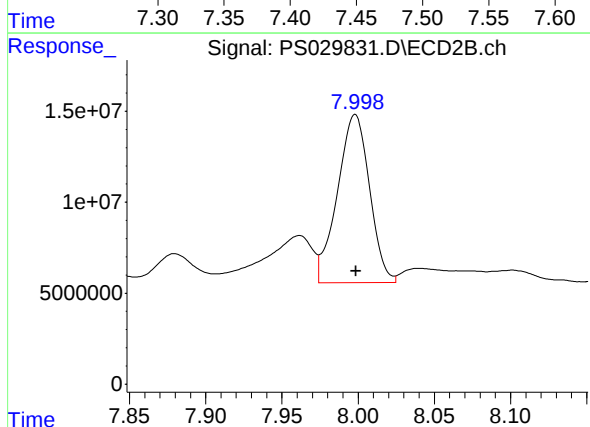
#7 MCPA

R.T.: 7.448 min
Delta R.T.: -0.013 min
Response: 401105619
Conc: 55.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-01-CMSD

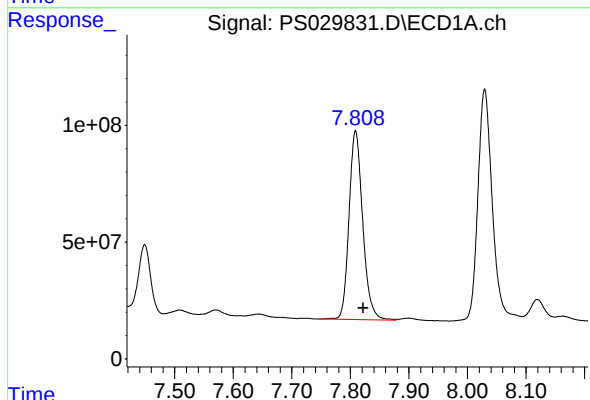
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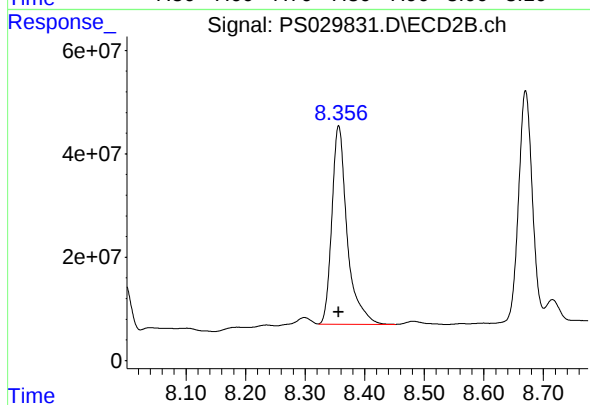
#7 MCPA

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 136113934
Conc: 59.82 ug/ml



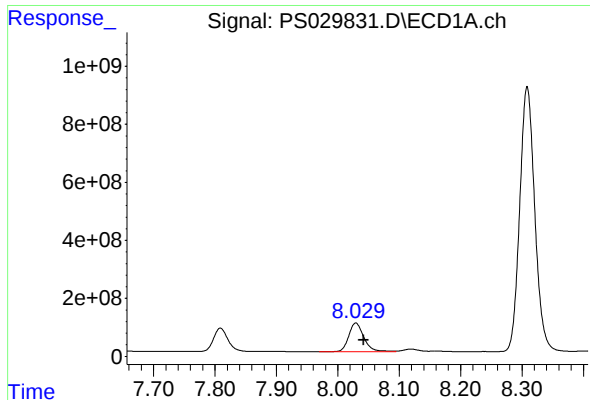
#8 DICHLORPROP

R.T.: 7.809 min
Delta R.T.: -0.013 min
Response: 1315959687
Conc: 598.32 ng/ml



#8 DICHLORPROP

R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 686739928
Conc: 710.80 ng/ml



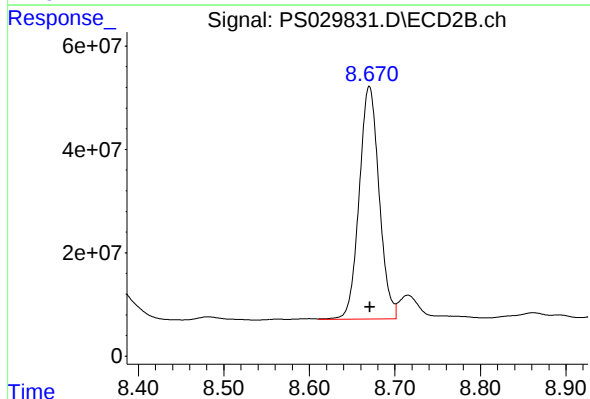
#9 2,4-D

R.T.: 8.029 min
Delta R.T.: -0.013 min
Response: 1706232383
Conc: 708.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-01-CMSD

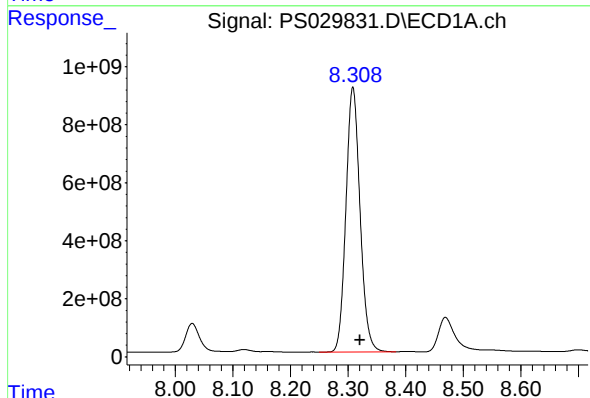
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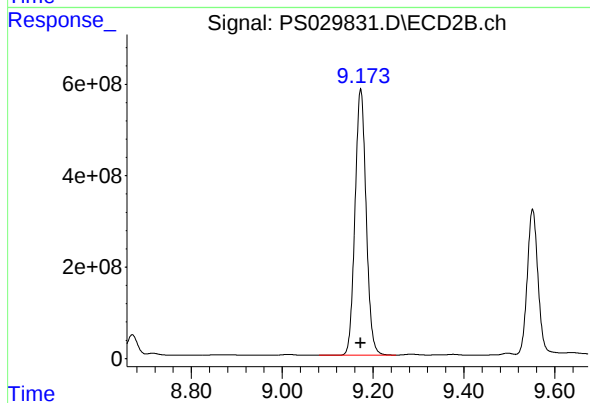
#9 2,4-D

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 728640182
Conc: 675.63 ng/ml



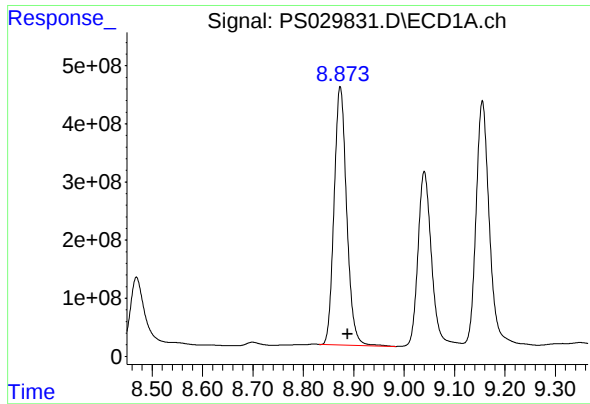
#10 Pentachlorophenol

R.T.: 8.308 min
Delta R.T.: -0.012 min
Response: 15564710674
Conc: 511.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.173 min
Delta R.T.: 0.000 min
Response: 9897952650
Conc: 552.10 ng/ml



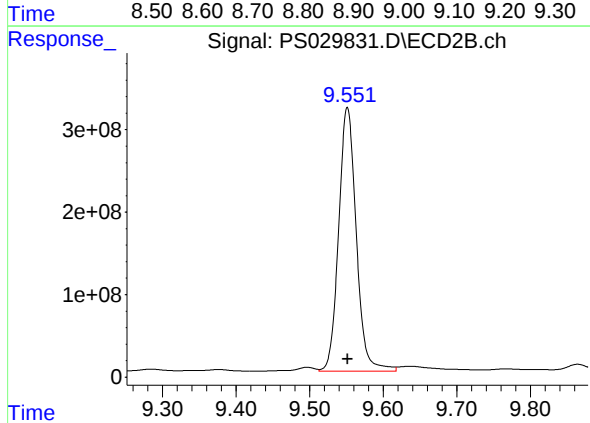
#11 2,4,5-TP (SILVEX)

R.T.: 8.873 min
Delta R.T.: -0.015 min
Response: 7694260774
Conc: 662.42 ng/ml

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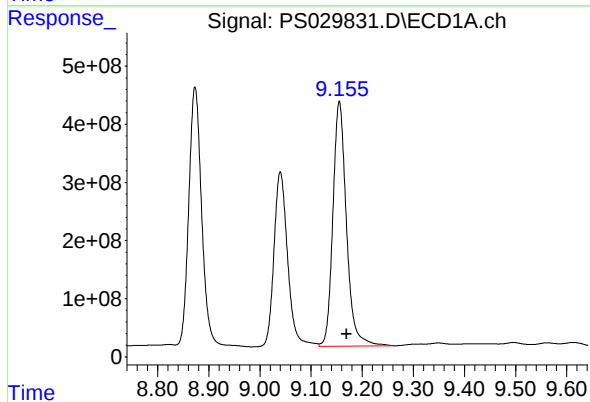
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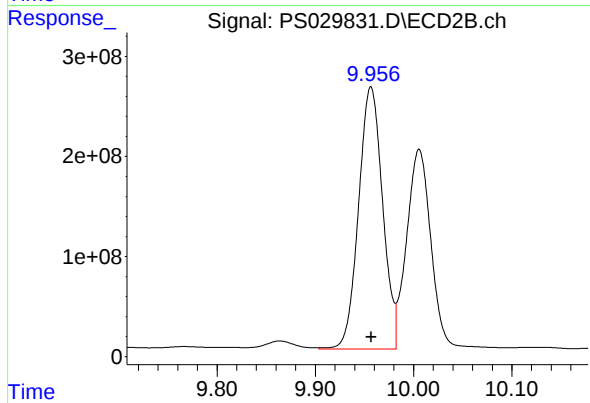
#11 2,4,5-TP (SILVEX)

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 5312563625
Conc: 736.53 ng/ml



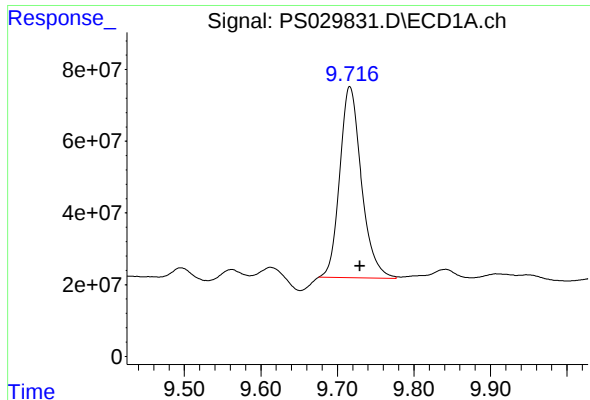
#12 2,4,5-T

R.T.: 9.155 min
Delta R.T.: -0.015 min
Response: 7728808818
Conc: 671.81 ng/ml



#12 2,4,5-T

R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 4443366641
Conc: 662.91 ng/ml



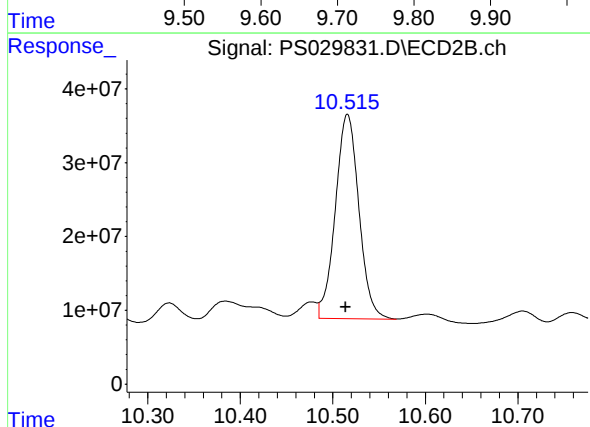
#13 2,4-DB

R.T.: 9.716 min
Delta R.T.: -0.014 min
Response: 1049686074
Conc: 577.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-01-CMSD

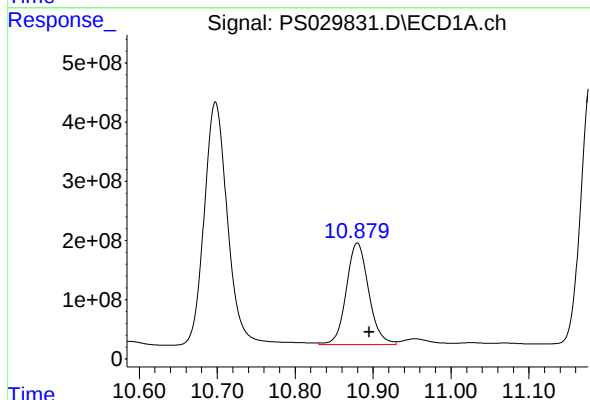
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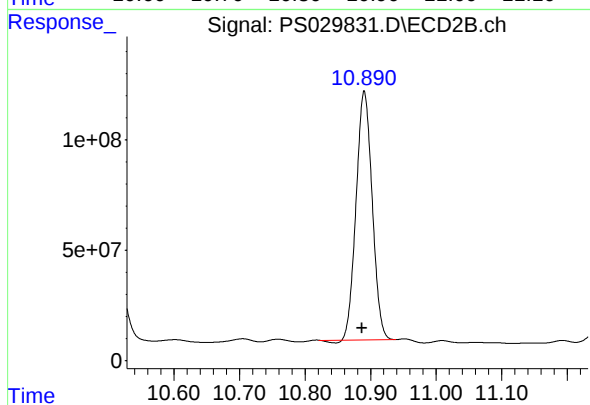
#13 2,4-DB

R.T.: 10.515 min
Delta R.T.: 0.001 min
Response: 489165133
Conc: 659.27 ng/ml



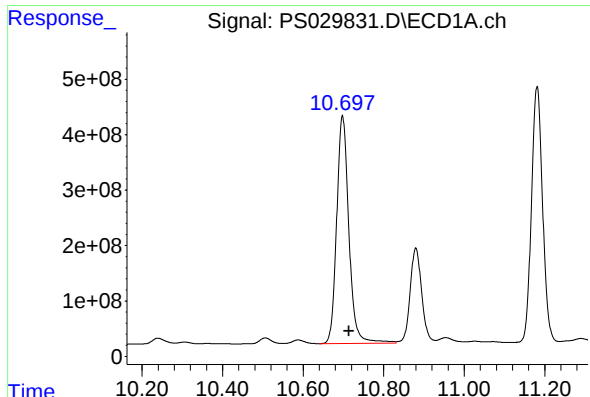
#14 DINOSEB

R.T.: 10.880 min
Delta R.T.: -0.015 min
Response: 3418450903
Conc: 404.93 ng/ml



#14 DINOSEB

R.T.: 10.890 min
Delta R.T.: 0.004 min
Response: 1916586459
Conc: 374.86 ng/ml



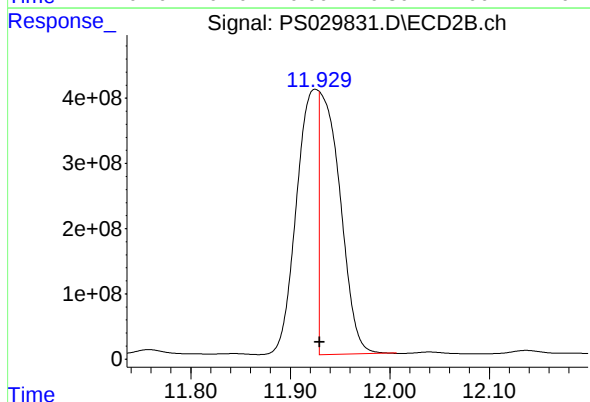
#15 Picloram

R.T.: 10.698 min
Delta R.T.: -0.015 min
Response: 8633761964
Conc: 557.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
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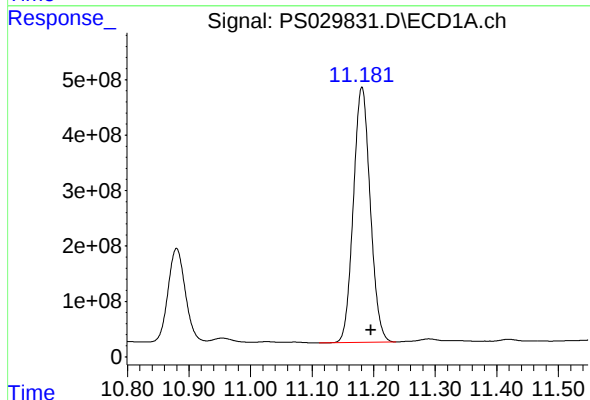
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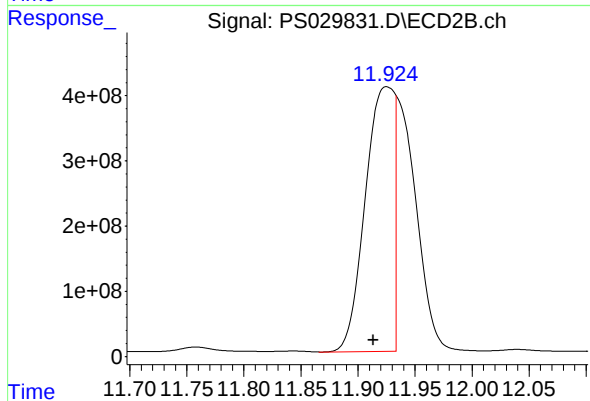
#15 Picloram

R.T.: 11.929 min
Delta R.T.: 0.000 min
Response: 5798512201
Conc: 490.38 ng/ml m



#16 DCPA

R.T.: 11.181 min
Delta R.T.: -0.014 min
Response: 8770580516
Conc: 627.99 ng/ml



#16 DCPA

R.T.: 11.924 min
Delta R.T.: 0.011 min
Response: 6979768251
Conc: 788.62 ng/ml m