

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 09:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 11:11:29 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	6.933	7.453	1949.4E6	557.3E6	684.539	696.420
Target Compounds							
1) T	Dalapon	2.447	2.520	2935.0E6	1237.1E6	597.100	609.084
2) T	3,5-DICHL...	6.138	6.452	2680.5E6	730.2E6	642.732	626.360
3) T	4-Nitroph...	6.724	6.987	1311.3E6	600.4E6	634.835	575.118
5) T	DICAMBA	7.110	7.638	7603.3E6	3142.8E6	657.877	664.717
6) T	MCPD	7.288	7.746	517.4E6	124.7E6	71.045	67.796
7) T	MCPA	7.431	7.976	683.5E6	176.1E6	65.841	66.781
8) T	DICHLORPROP	7.789	8.331	1892.4E6	759.6E6	647.779	642.970
9) T	2,4-D	8.009	8.643	2127.5E6	854.2E6	648.850	661.875
10) T	Pentachlo...	8.287	9.143	27348.0E6	16752.4E6	675.246	678.647
11) T	2,4,5-TP ...	8.851	9.521	10836.5E6	6632.0E6	669.088	673.273
12) T	2,4,5-T	9.132	9.925	11041.3E6	6153.1E6	668.551	668.556
13) T	2,4-DB	9.690	10.484	1805.3E6	604.3E6	691.734	608.993m
14) T	DINOSEB	10.851	10.857	7512.5E6	4503.1E6	656.895	659.125
15) T	Picloram	10.671	11.893	14048.3E6	8862.3E6	656.862	629.732m
16) T	DCPA	11.153	11.889	13421.7E6	8762.0E6	674.066	648.535m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

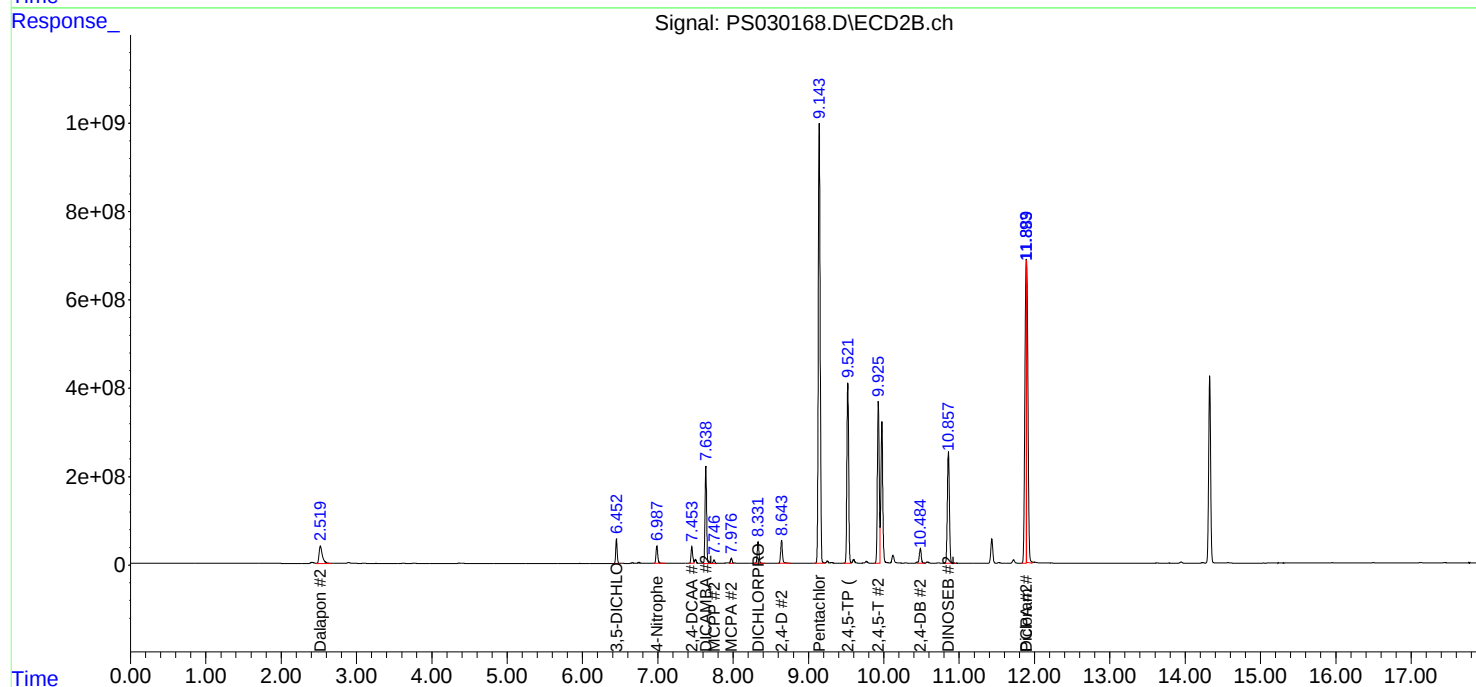
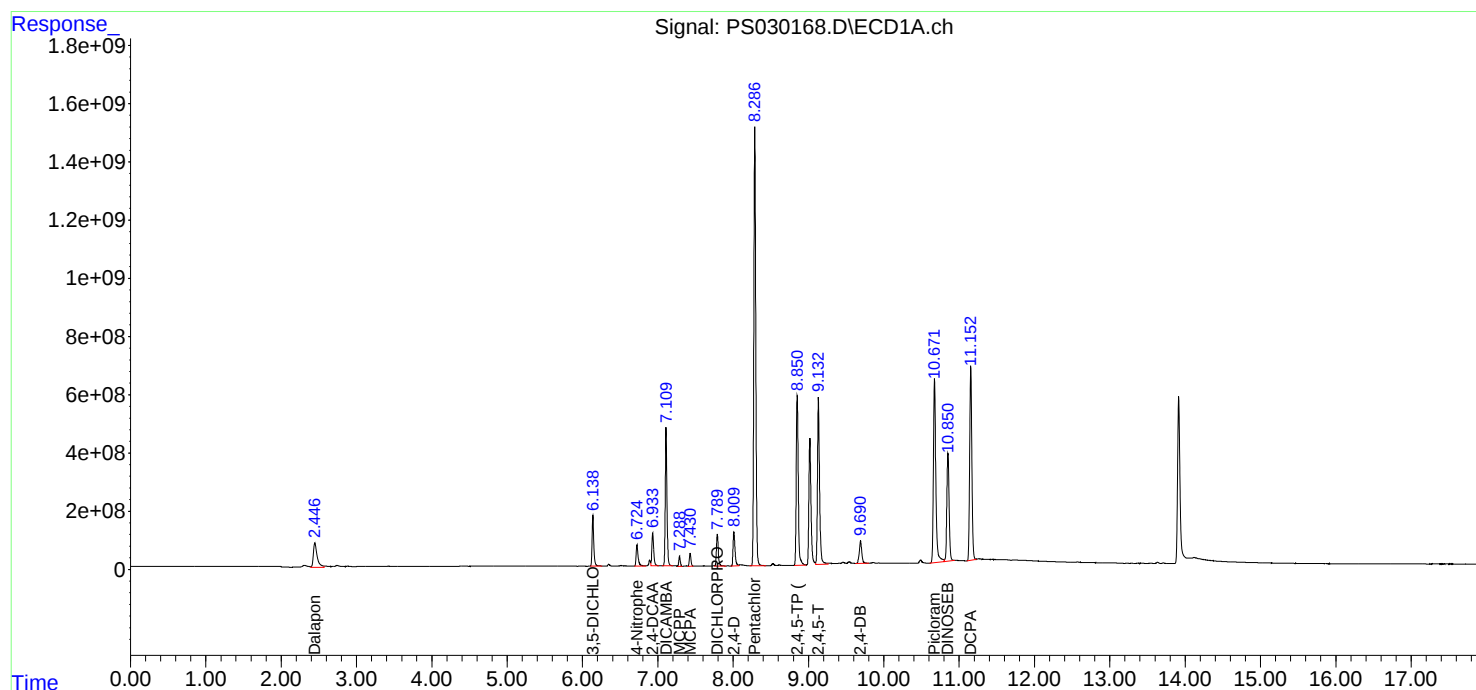
Instrument :
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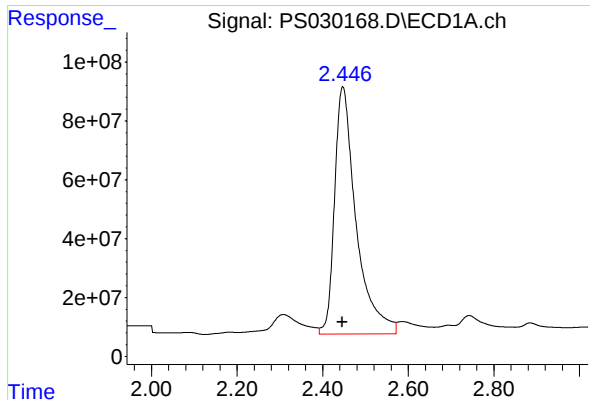
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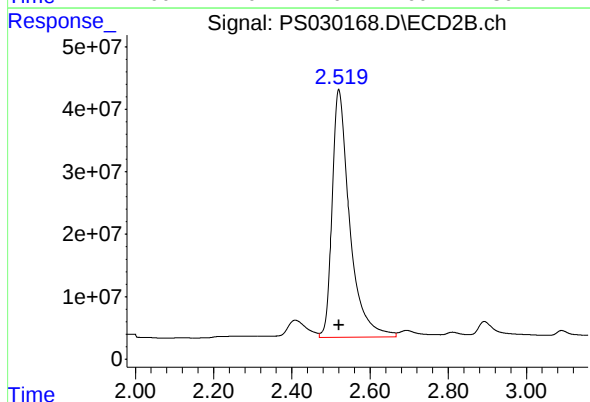
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 2934963144
Conc: 597.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

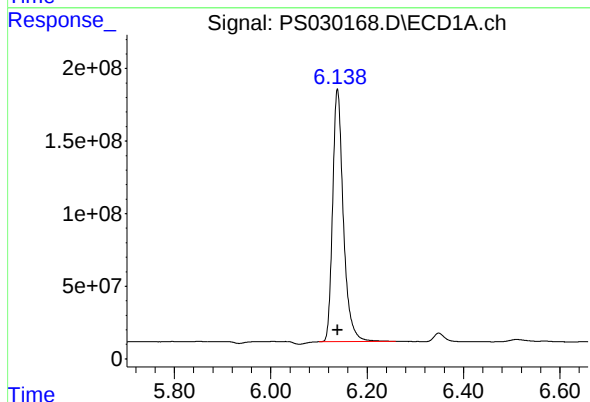
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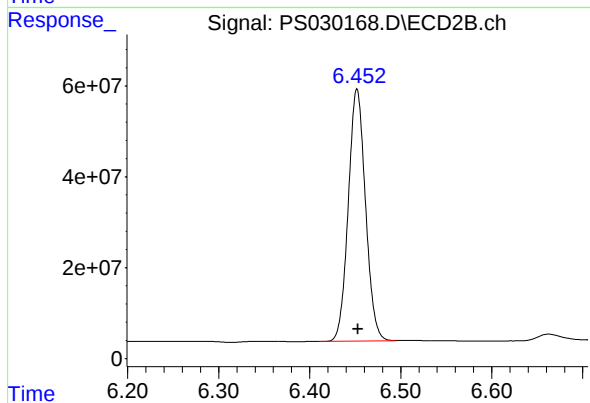
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1237080430
Conc: 609.08 ng/ml



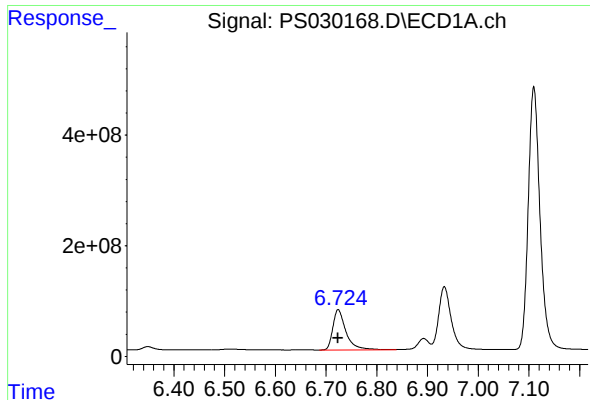
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2680547346
Conc: 642.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 730229336
Conc: 626.36 ng/ml



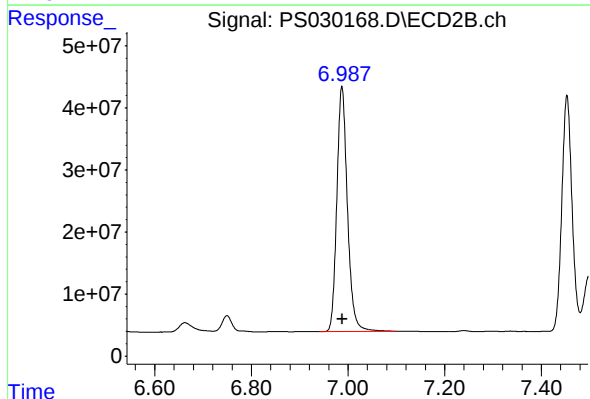
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1311324857
Conc: 634.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

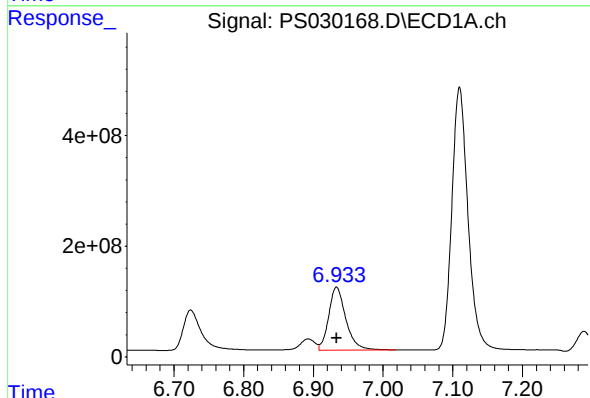
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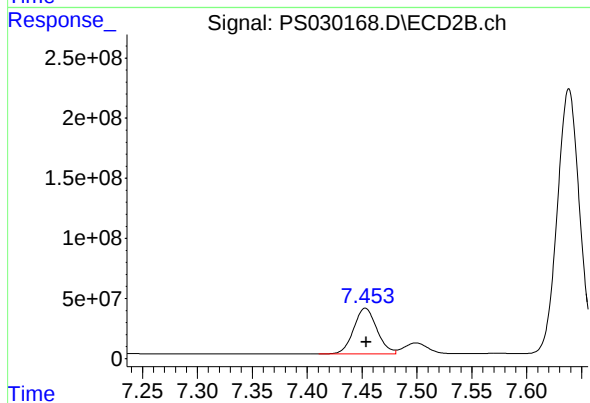
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 600441250
Conc: 575.12 ng/ml



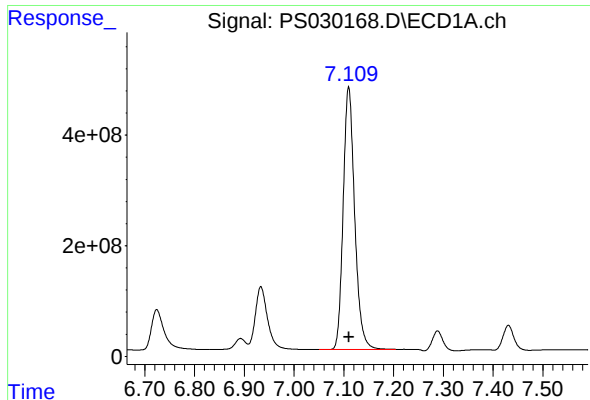
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1949435349
Conc: 684.54 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 557277863
Conc: 696.42 ng/ml



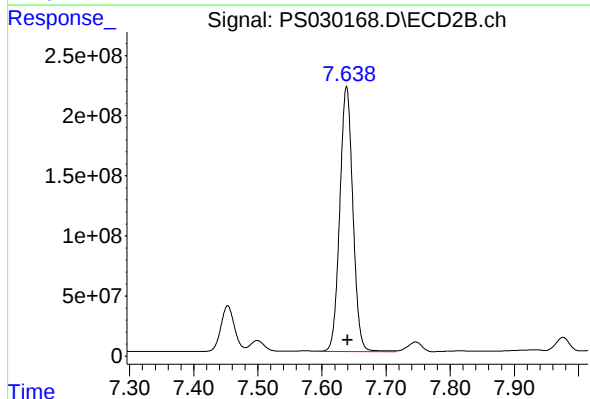
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 7603318788
Conc: 657.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

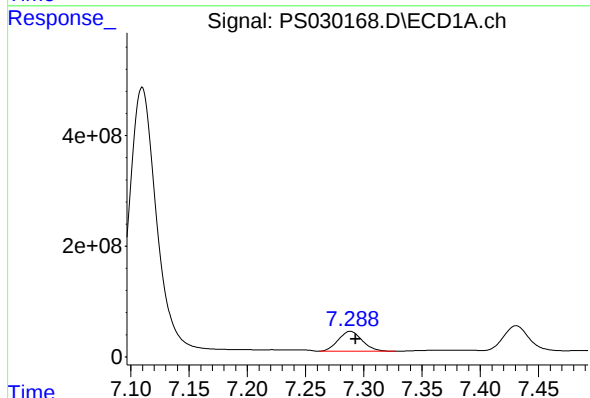
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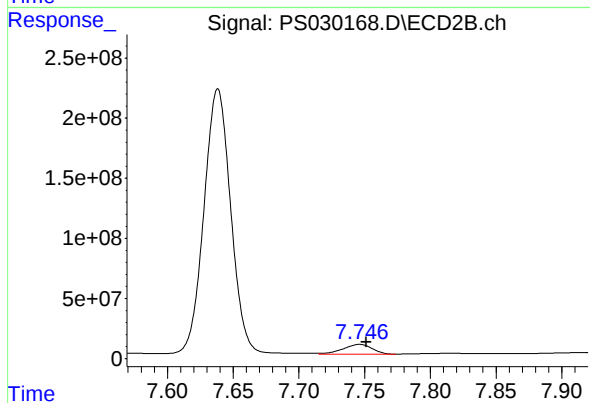
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 3142766237
Conc: 664.72 ng/ml



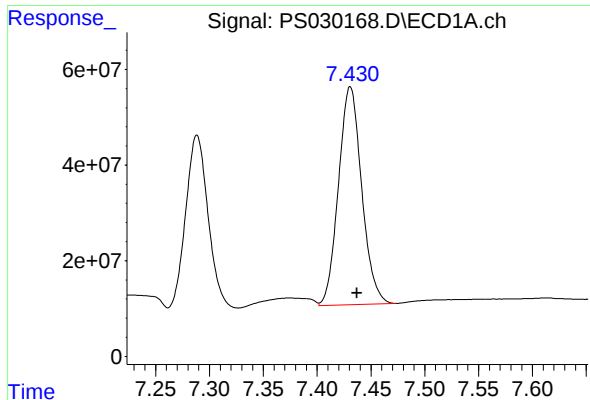
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 517398323
Conc: 71.04 ug/ml



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 124727966
Conc: 67.80 ug/ml



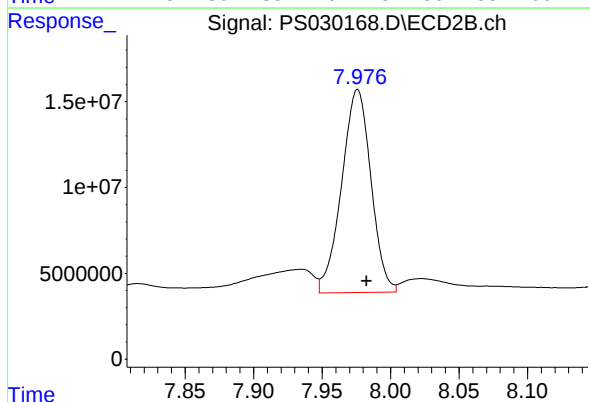
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 683489519
Conc: 65.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

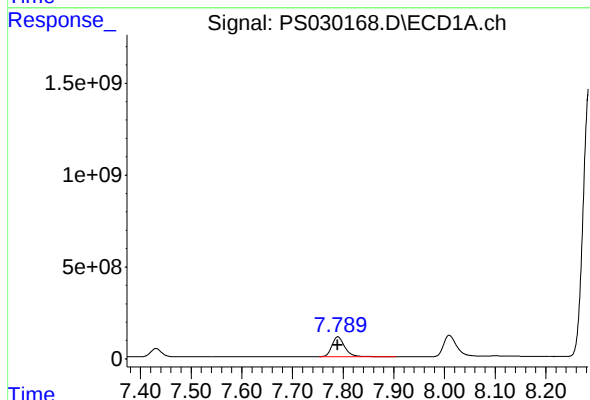
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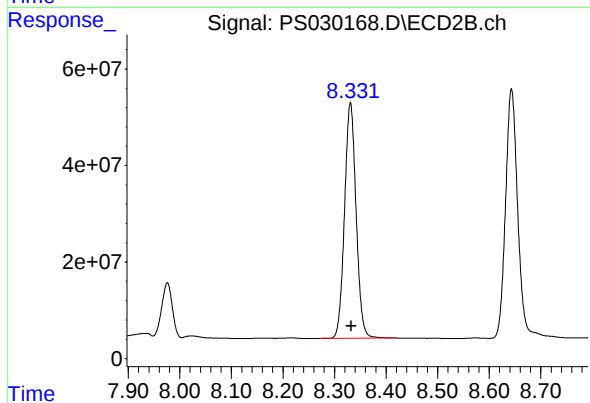
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 176147595
Conc: 66.78 ug/ml



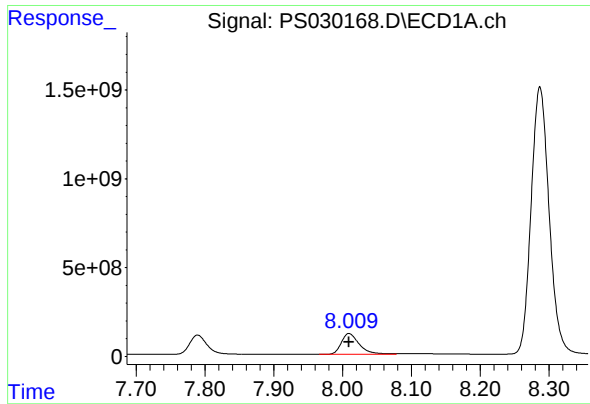
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1892386359
Conc: 647.78 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 759626458
Conc: 642.97 ng/ml



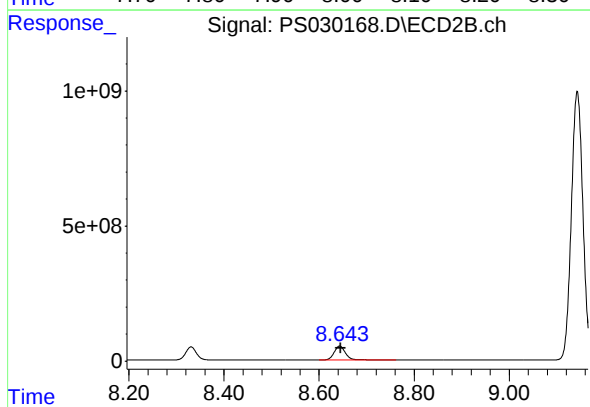
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2127537692
Conc: 648.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

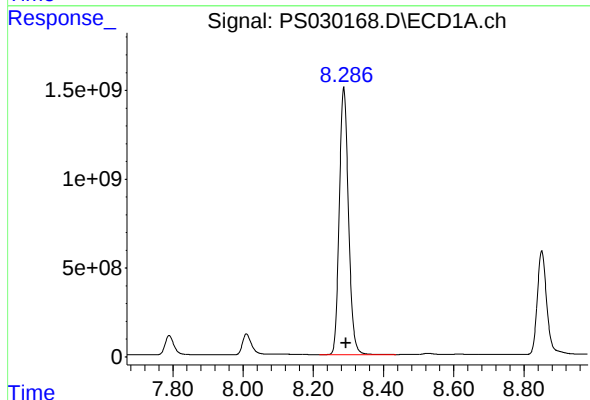
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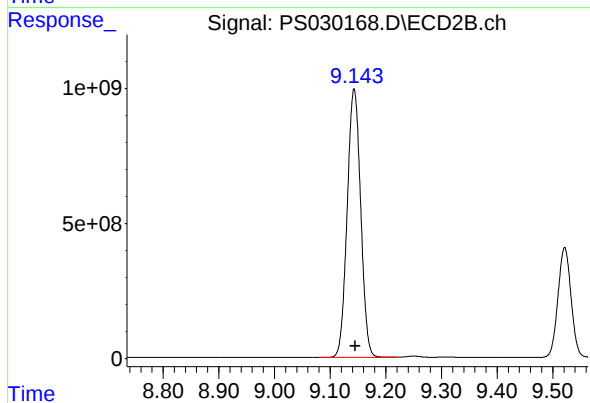
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 854150610
Conc: 661.88 ng/ml



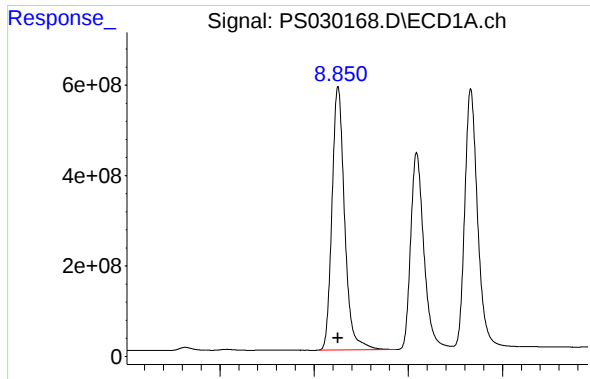
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 27347989991
Conc: 675.25 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 16752375640
Conc: 678.65 ng/ml



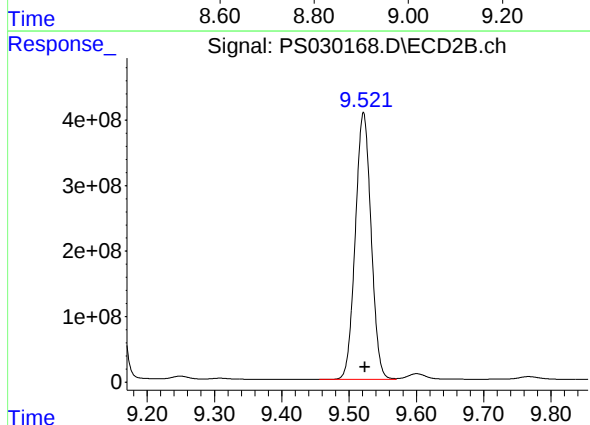
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 10836538172
Conc: 669.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

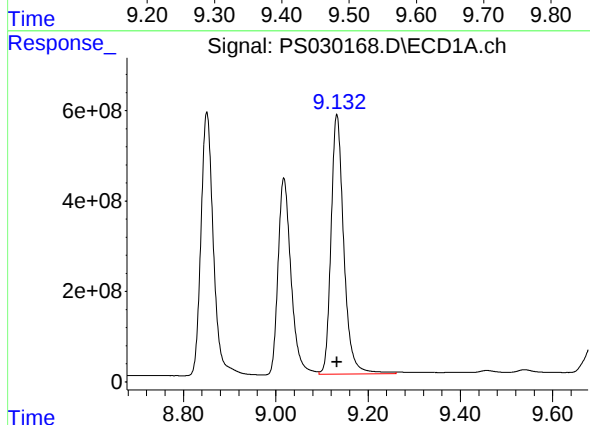
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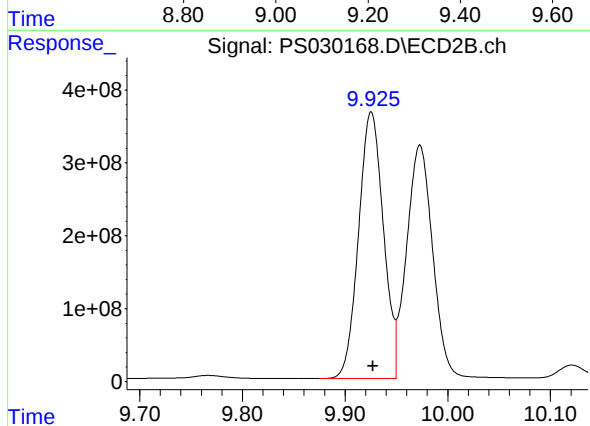
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 6632029096
Conc: 673.27 ng/ml



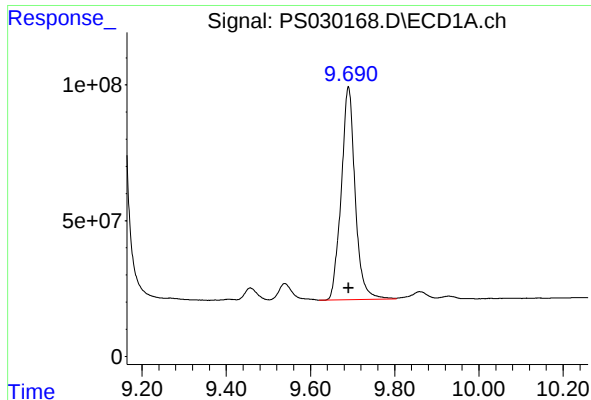
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 11041251319
Conc: 668.55 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 6153128361
Conc: 668.56 ng/ml



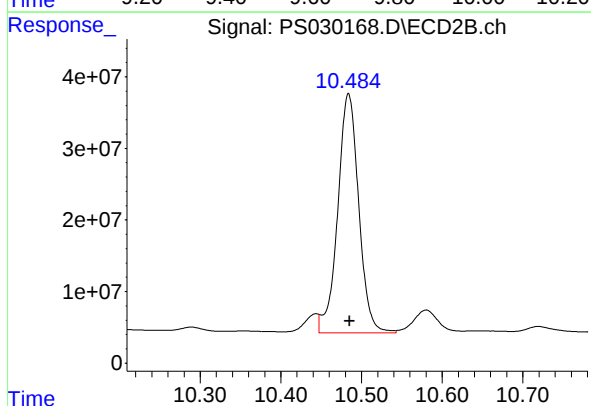
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1805268254
Conc: 691.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

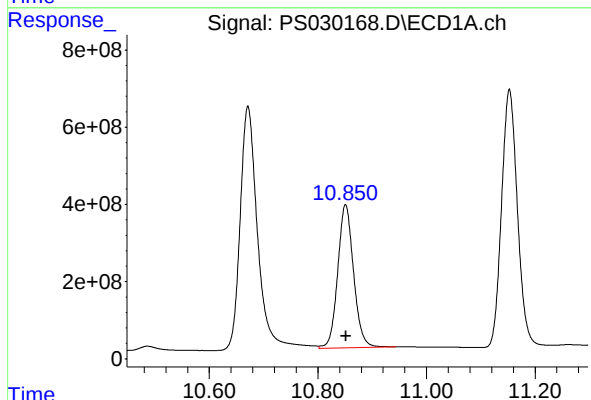
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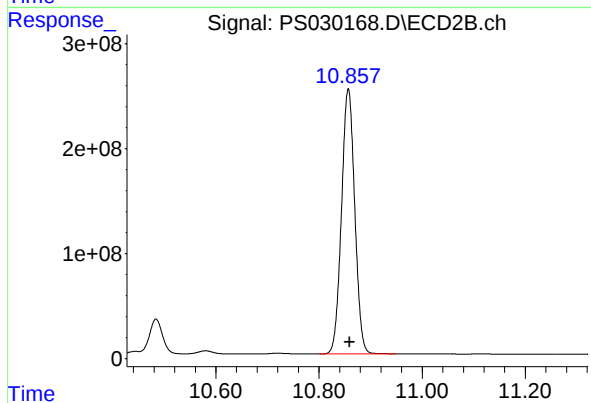
#13 2,4-DB

R.T.: 10.484 min
Delta R.T.: -0.001 min
Response: 604347232
Conc: 608.99 ng/ml



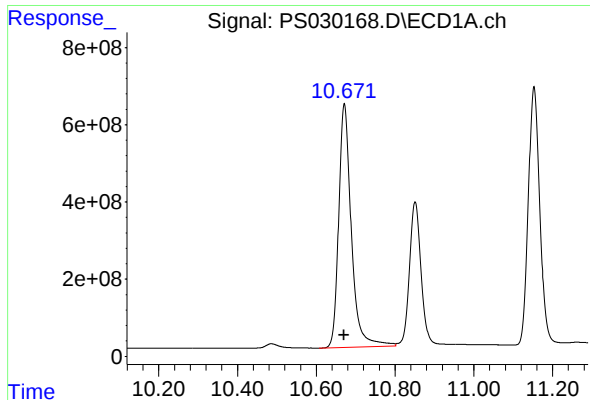
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 7512484304
Conc: 656.89 ng/ml



#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.002 min
Response: 4503130843
Conc: 659.13 ng/ml



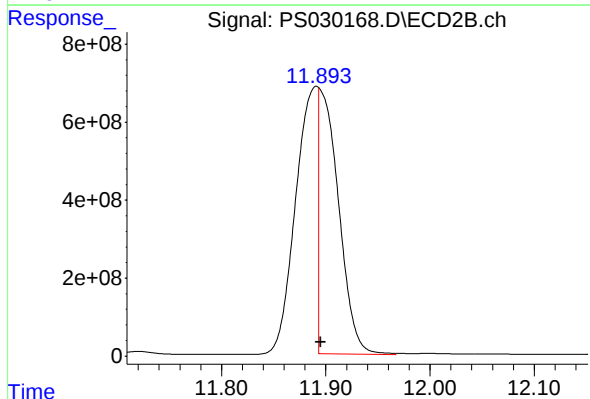
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.001 min
Response: 14048289708
Conc: 656.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

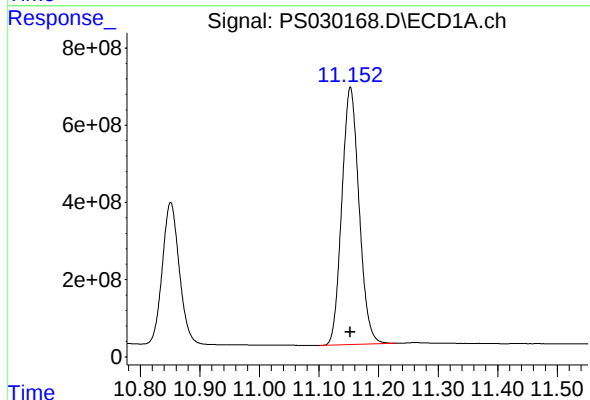
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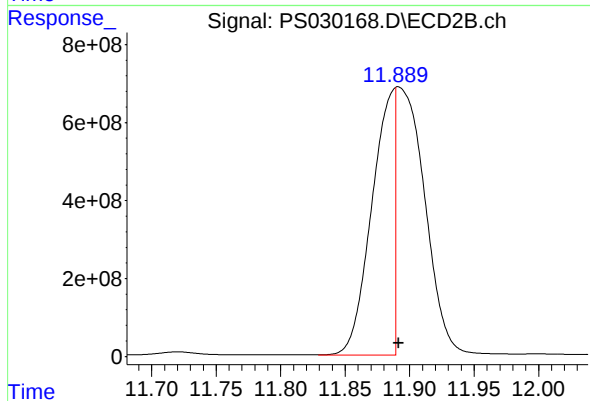
#15 Picloram

R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 8862298377
Conc: 629.73 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 13421655613
Conc: 674.07 ng/ml



#16 DCPA

R.T.: 11.889 min
Delta R.T.: -0.003 min
Response: 8762044448
Conc: 648.54 ng/ml m