

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100824\
 Data File : PS027875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2024 10:58
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:01:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 07 13:46:03 2024
 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	7.096	7.626	1884.1E6	644.7E6	699.294m	648.845m
Target Compounds							
1) T	Dalapon	2.546	2.617	2960.8E6	1065.2E6	659.726	639.502
2) T	3,5-DICHL...	6.288	6.597	2664.7E6	890.0E6	670.850	650.881
3) T	4-Nitroph...	6.891	7.161	1213.1E6	443.5E6	664.414	653.371
5) T	DICAMBA	7.275	7.821	7547.2E6	2315.4E6	691.827	665.881
6) T	MCPD	7.455	7.924	515.6E6	184.3E6	69.326	66.981
7) T	MCPA	7.600	8.164	741.1E6	314.6E6	69.971	62.889
8) T	DICHLORPROP	7.961	8.528	1960.7E6	632.6E6	685.144	640.932
9) T	2,4-D	8.184	8.853	2291.0E6	632.0E6	681.029	630.519
10) T	Pentachlo...	8.469	9.366	27430.6E6	9223.8E6	705.994	667.475
11) T	2,4,5-TP ...	9.036	9.743	11069.4E6	3318.9E6	702.115	669.918
12) T	2,4,5-T	9.321	10.157	11461.3E6	2799.2E6	708.682	650.192
13) T	2,4-DB	9.883	10.719	1802.6E6	339.5E6	695.001	670.492
14) T	DINOSEB	11.059	11.093	7498.8E6	2433.9E6	711.256	720.516
15) T	Picloram	10.875	12.169	15217.2E6	3009.5E6	706.876	720.416
16) T	DCPA	11.358	12.125	12942.5E6	3885.5E6	728.707	809.434

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

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ECD_S

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Manual Integrations

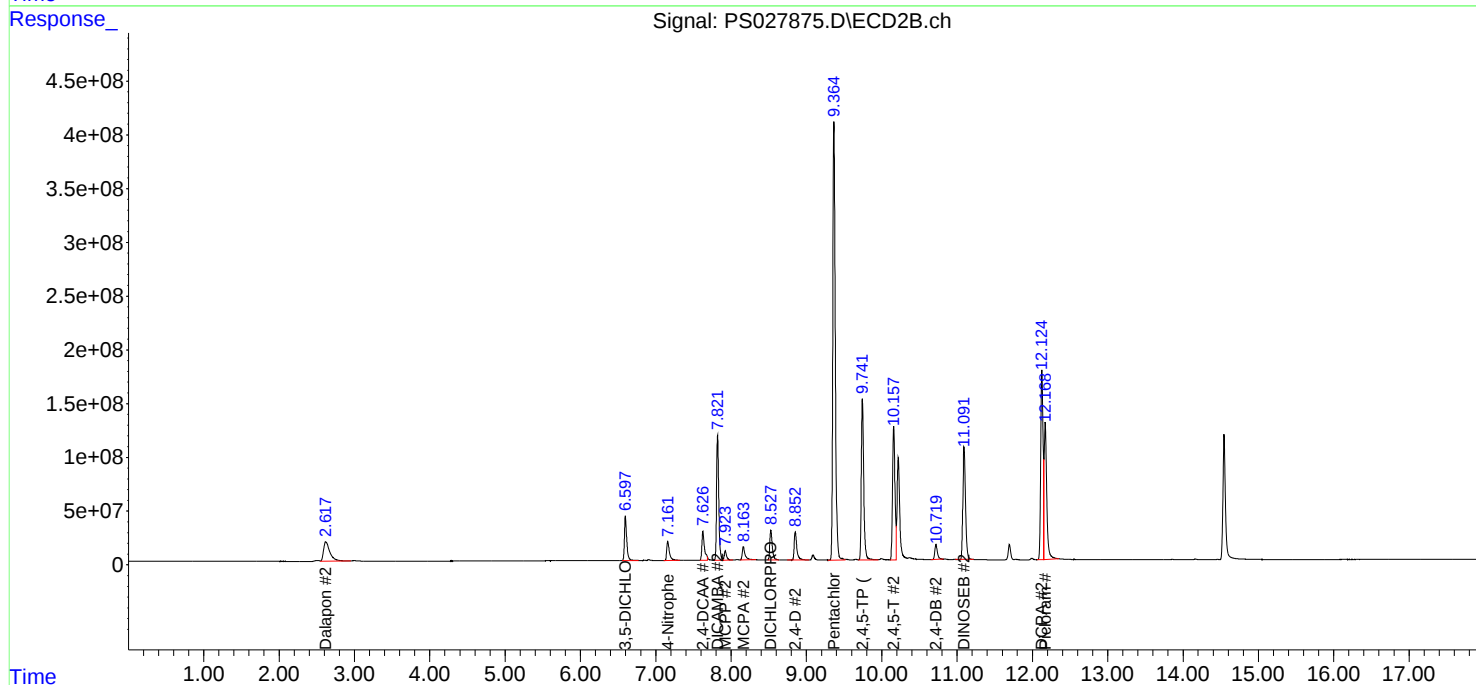
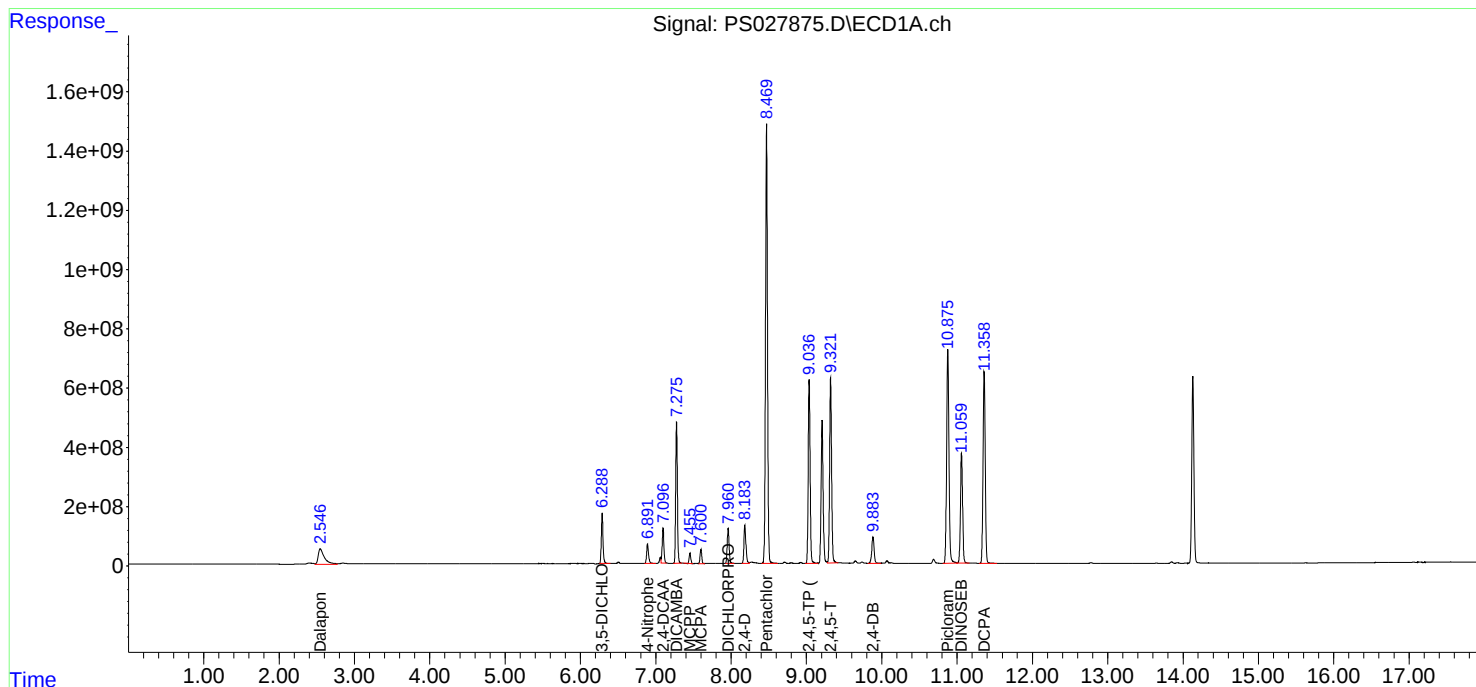
APPROVED

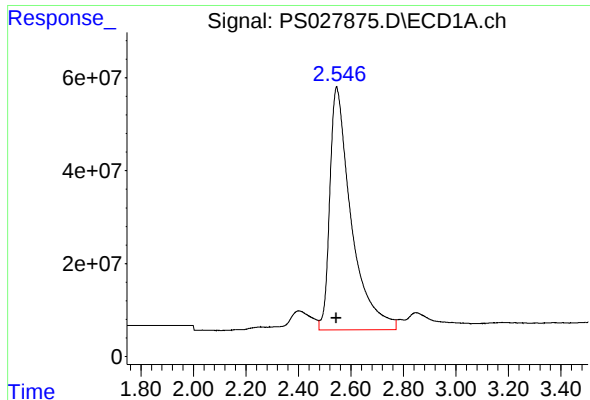
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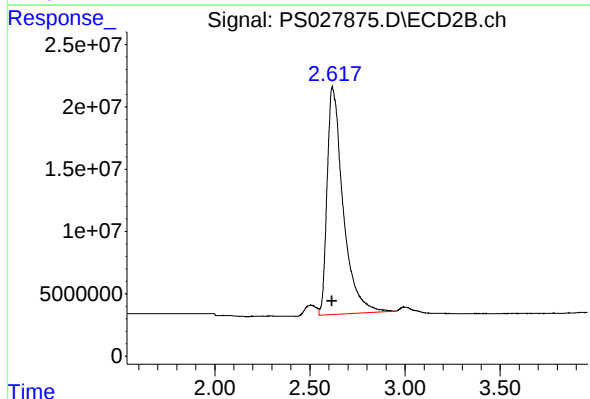
#1 Dalapon

R.T.: 2.546 min
Delta R.T.: 0.000 min
Response: 2960791385
Conc: 659.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

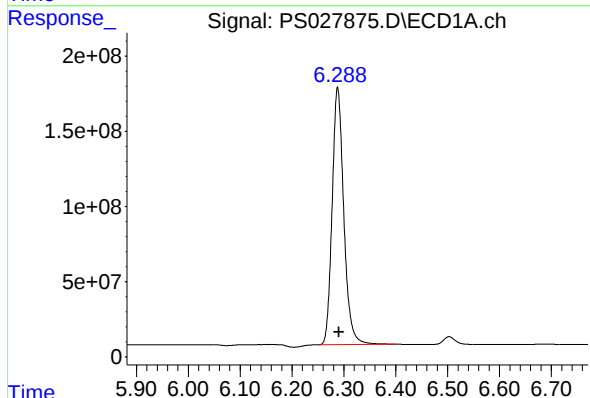
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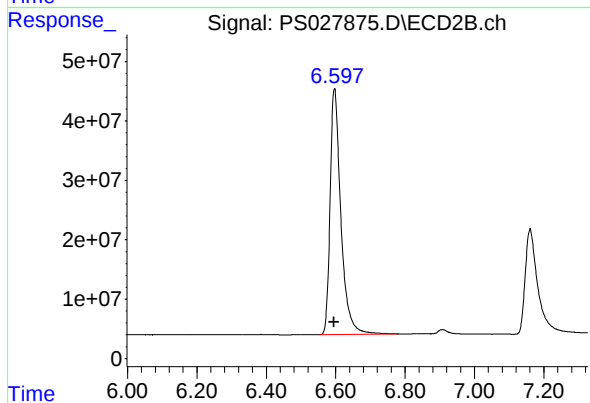
#1 Dalapon

R.T.: 2.617 min
Delta R.T.: 0.001 min
Response: 1065203611
Conc: 639.50 ng/ml



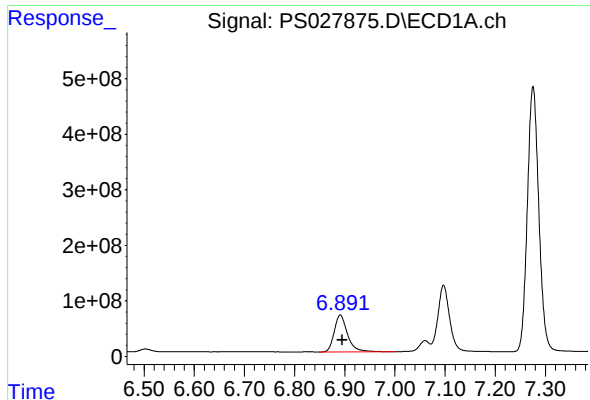
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 2664725155
Conc: 670.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.597 min
Delta R.T.: 0.002 min
Response: 890049870
Conc: 650.88 ng/ml



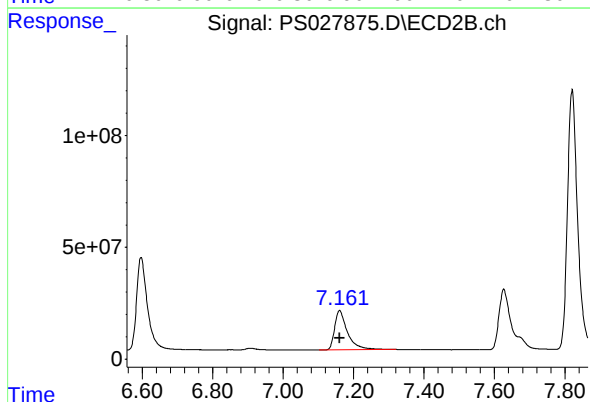
#3 4-Nitrophenol

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 1213134480
Conc: 664.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

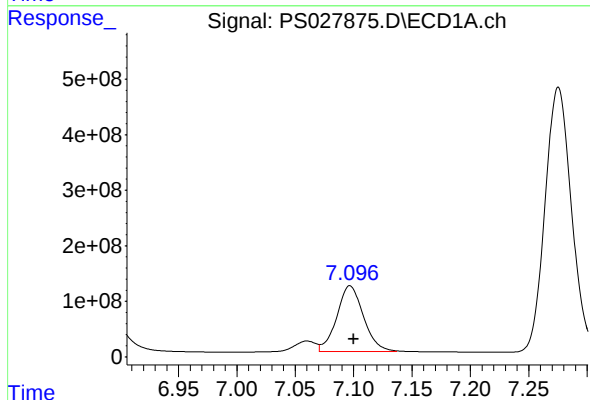
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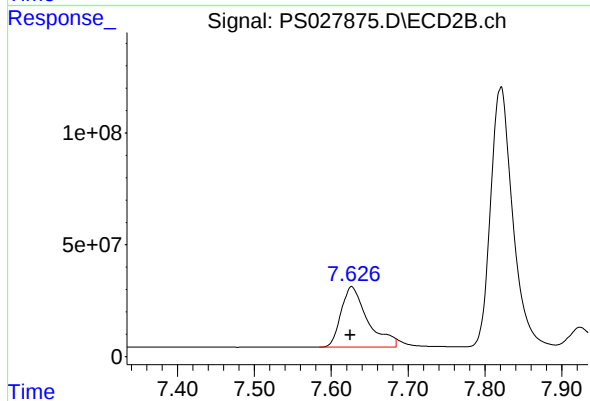
#3 4-Nitrophenol

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 443502910
Conc: 653.37 ng/ml



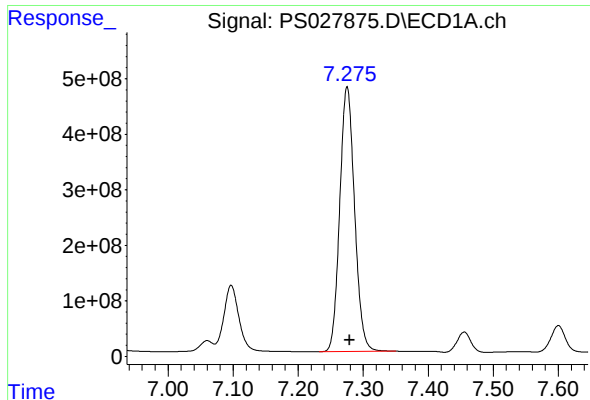
#4 2,4-DCAA

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 1884101556
Conc: 699.29 ng/ml m



#4 2,4-DCAA

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 644748131
Conc: 648.85 ng/ml m



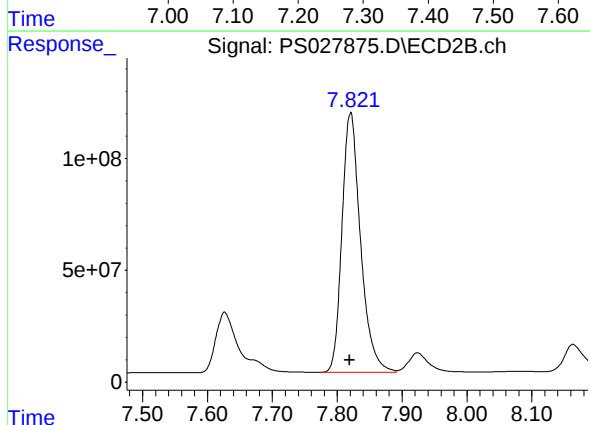
#5 DICAMBA

R.T.: 7.275 min
Delta R.T.: -0.003 min
Response: 7547238421
Conc: 691.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

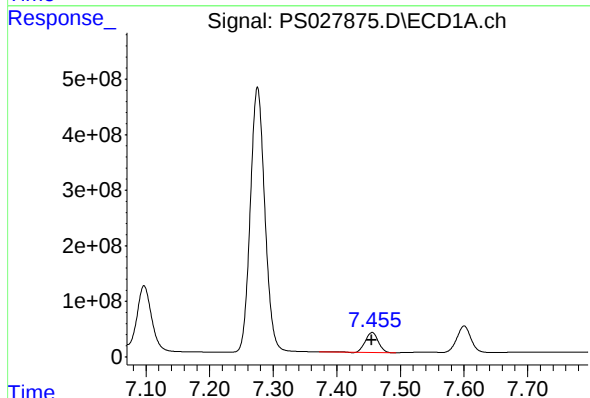
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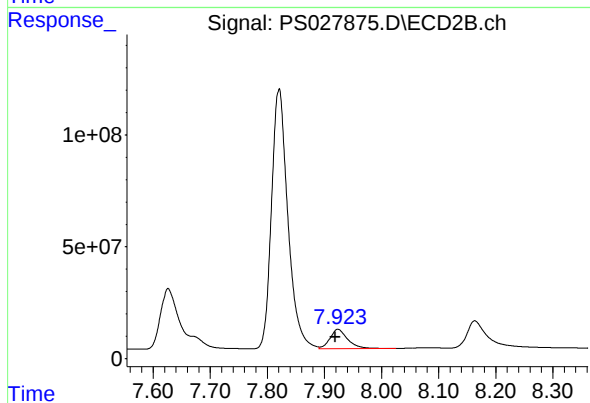
#5 DICAMBA

R.T.: 7.821 min
Delta R.T.: 0.002 min
Response: 2315383531
Conc: 665.88 ng/ml



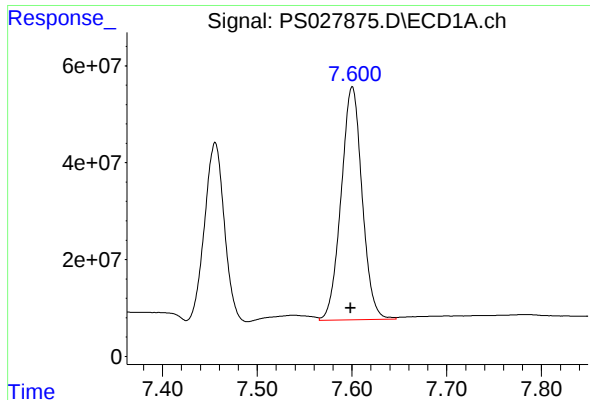
#6 MCPP

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 515572099
Conc: 69.33 ug/ml



#6 MCPP

R.T.: 7.924 min
Delta R.T.: 0.005 min
Response: 184346267
Conc: 66.98 ug/ml



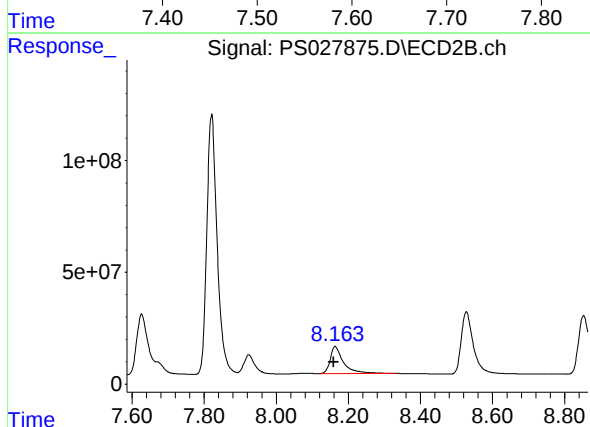
#7 MCPA

R.T.: 7.600 min
Delta R.T.: 0.001 min
Response: 741107129
Conc: 69.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

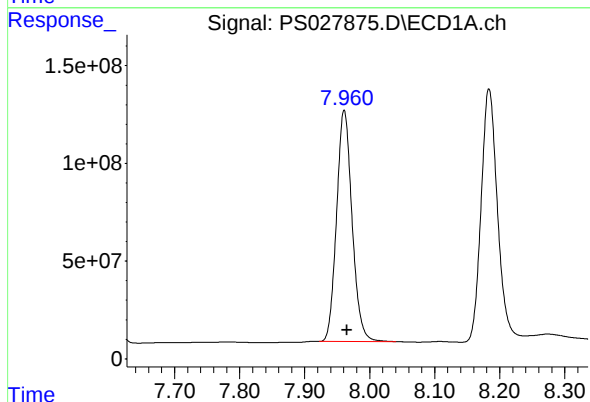
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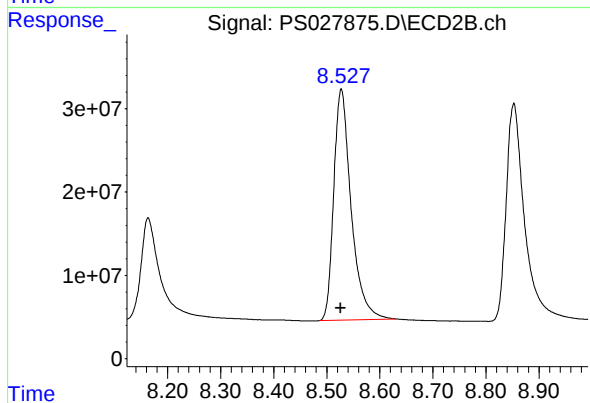
#7 MCPA

R.T.: 8.164 min
Delta R.T.: 0.005 min
Response: 314598579
Conc: 62.89 ug/ml



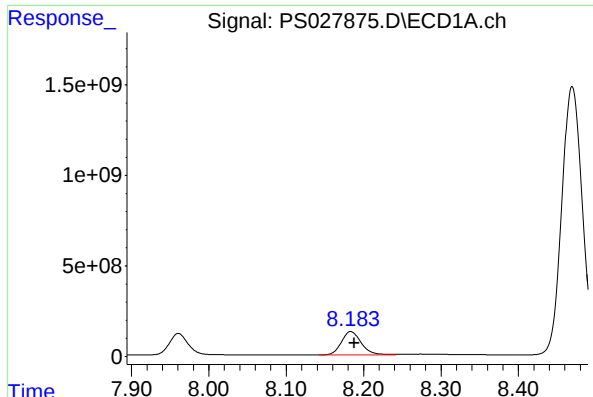
#8 DICHLORPROP

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 1960712103
Conc: 685.14 ng/ml



#8 DICHLORPROP

R.T.: 8.528 min
Delta R.T.: 0.002 min
Response: 632564349
Conc: 640.93 ng/ml



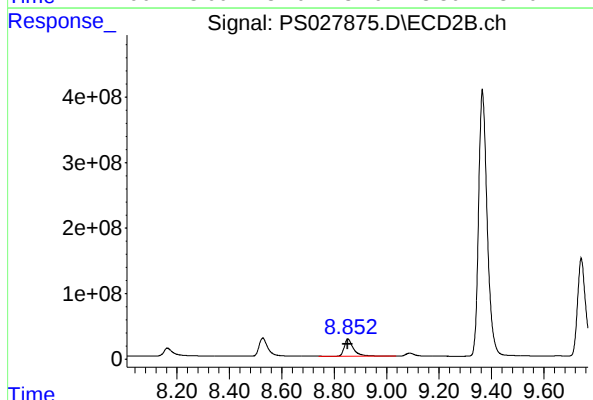
#9 2,4-D

R.T.: 8.184 min
Delta R.T.: -0.004 min
Response: 2291005547
Conc: 681.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

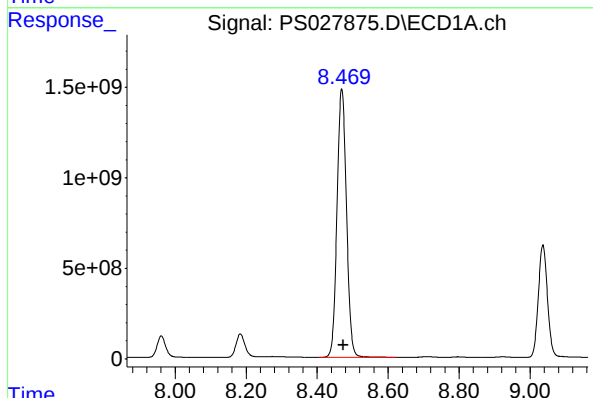
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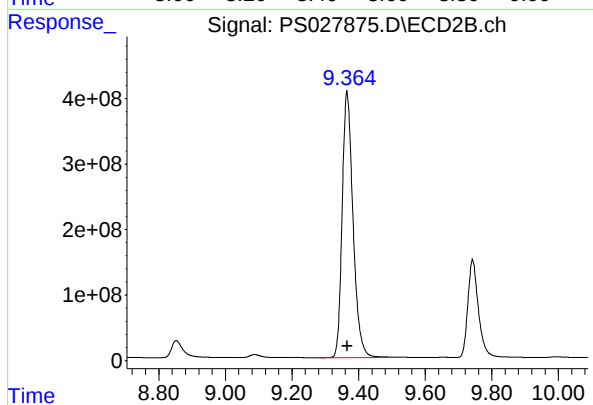
#9 2,4-D

R.T.: 8.853 min
Delta R.T.: 0.002 min
Response: 631954798
Conc: 630.52 ng/ml



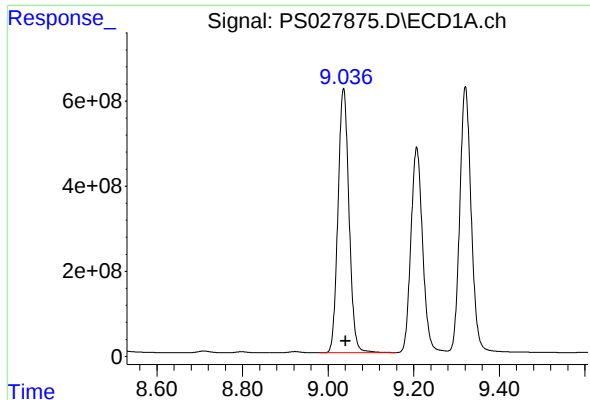
#10 Pentachlorophenol

R.T.: 8.469 min
Delta R.T.: -0.005 min
Response: 27430568659
Conc: 705.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.366 min
Delta R.T.: 0.000 min
Response: 9223812870
Conc: 667.47 ng/ml



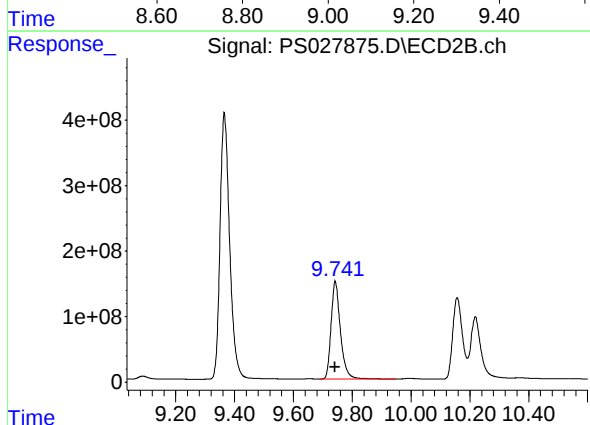
#11 2,4,5-TP (SILVEX)

R.T.: 9.036 min
Delta R.T.: -0.005 min
Response: 11069379984
Conc: 702.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

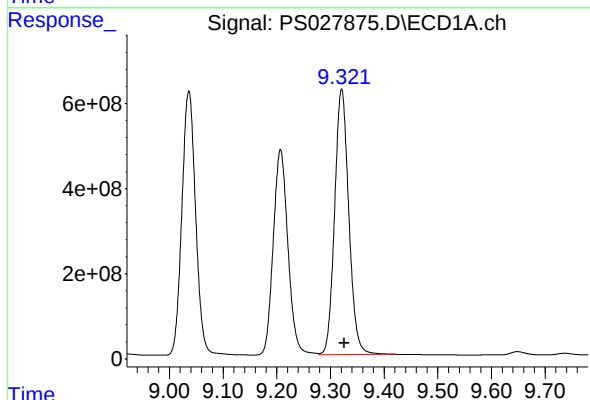
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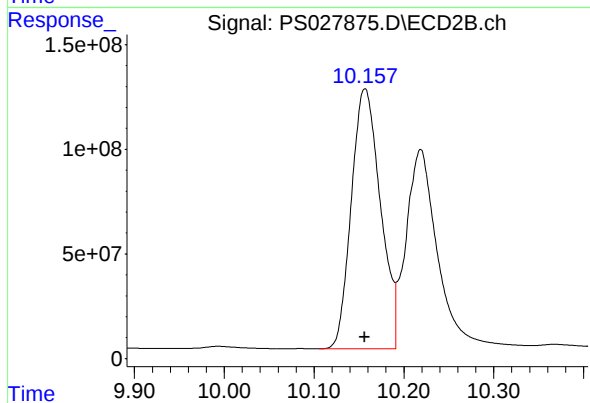
#11 2,4,5-TP (SILVEX)

R.T.: 9.743 min
Delta R.T.: 0.001 min
Response: 3318949630
Conc: 669.92 ng/ml



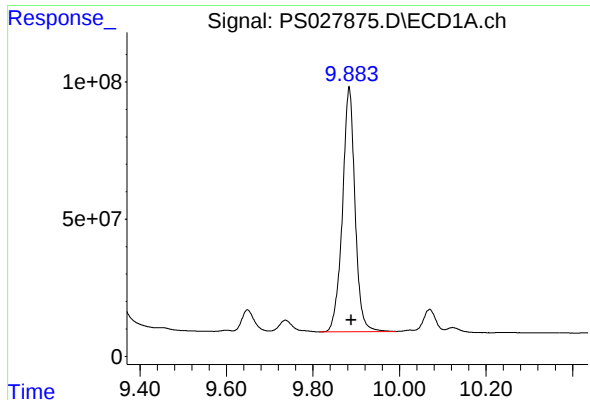
#12 2,4,5-T

R.T.: 9.321 min
Delta R.T.: -0.005 min
Response: 11461263355
Conc: 708.68 ng/ml



#12 2,4,5-T

R.T.: 10.157 min
Delta R.T.: 0.000 min
Response: 2799233244
Conc: 650.19 ng/ml



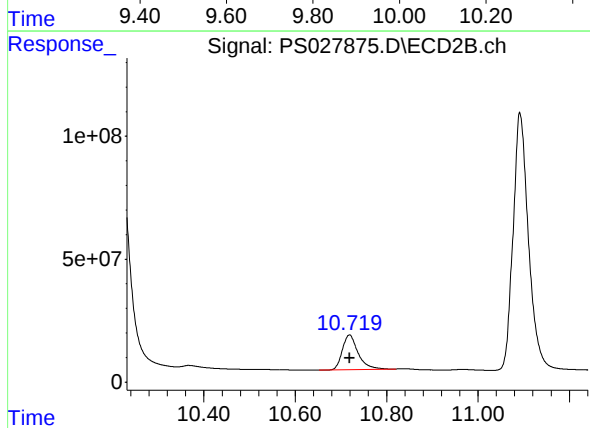
#13 2,4-DB

R.T.: 9.883 min
Delta R.T.: -0.005 min
Response: 1802611251
Conc: 695.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

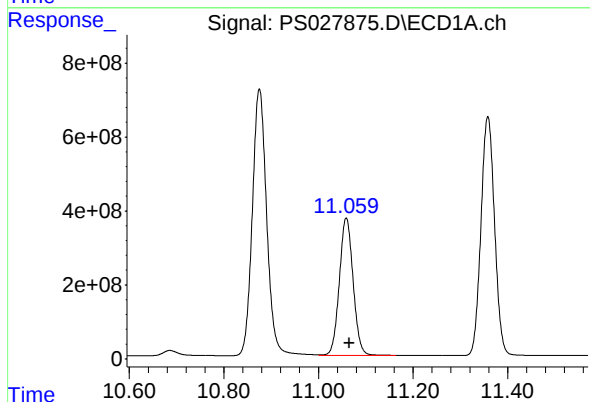
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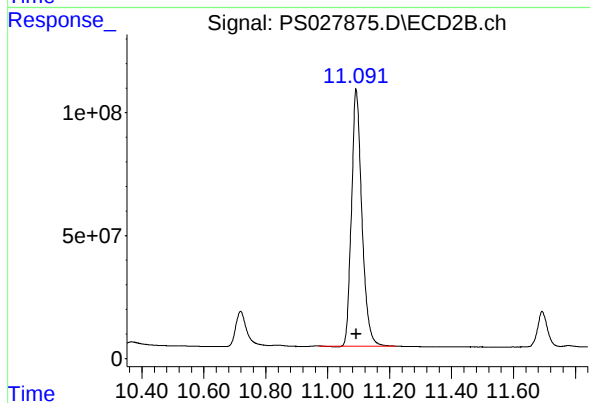
#13 2,4-DB

R.T.: 10.719 min
Delta R.T.: 0.000 min
Response: 339502821
Conc: 670.49 ng/ml



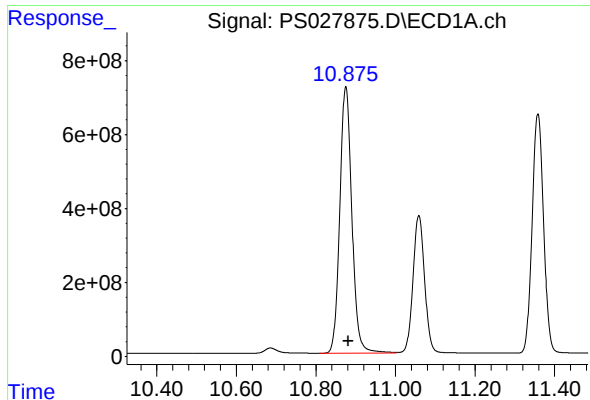
#14 DINOSEB

R.T.: 11.059 min
Delta R.T.: -0.006 min
Response: 7498772883
Conc: 711.26 ng/ml



#14 DINOSEB

R.T.: 11.093 min
Delta R.T.: 0.000 min
Response: 2433930826
Conc: 720.52 ng/ml



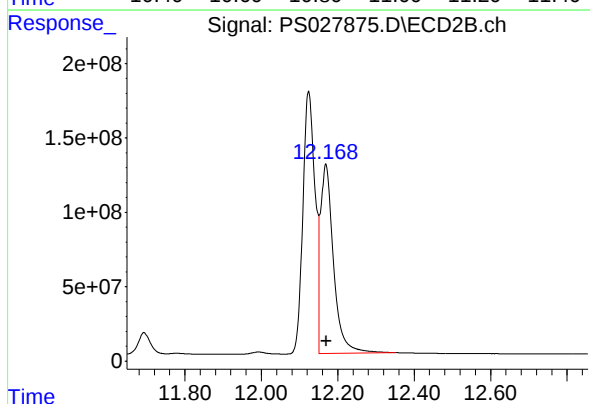
#15 Picloram

R.T.: 10.875 min
Delta R.T.: -0.006 min
Response: 15217214999
Conc: 706.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

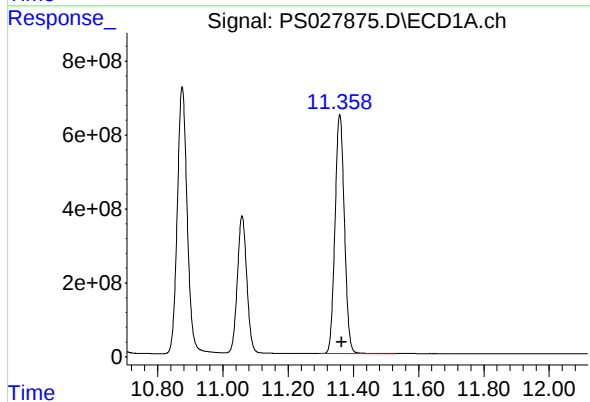
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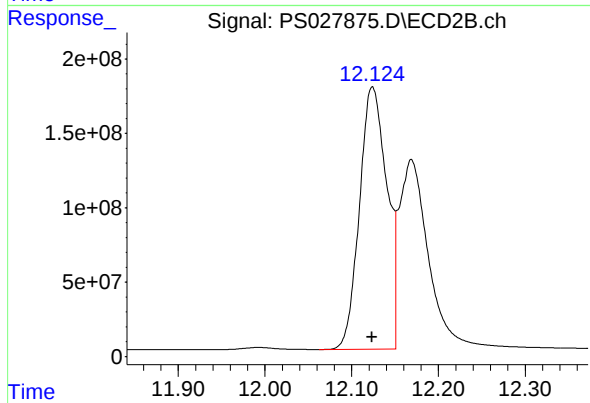
#15 Picloram

R.T.: 12.169 min
Delta R.T.: -0.002 min
Response: 3009491274
Conc: 720.42 ng/ml



#16 DCPA

R.T.: 11.358 min
Delta R.T.: -0.006 min
Response: 12942470638
Conc: 728.71 ng/ml



#16 DCPA

R.T.: 12.125 min
Delta R.T.: 0.001 min
Response: 3885539781
Conc: 809.43 ng/ml