

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 15:18
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 15:49:02 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 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	6.934	7.454	2072.5E6	590.3E6	727.745	737.626
Target Compounds							
1) T	Dalapon	2.446	2.520	3177.4E6	1344.1E6	646.425	661.793
2) T	3,5-DICHL...	6.138	6.453	2816.7E6	777.8E6	675.387	667.201
3) T	4-Nitroph...	6.724	6.988	1373.6E6	638.6E6	664.996	611.637
5) T	DICAMBA	7.109	7.640	8044.8E6	3339.4E6	696.075	706.302
6) T	MCPD	7.289	7.748	556.7E6	137.5E6	76.438	74.726
7) T	MCPA	7.432	7.978	732.0E6	179.9E6	70.518	68.201
8) T	DICHLORPROP	7.789	8.332	1992.3E6	811.5E6	681.994	686.839
9) T	2,4-D	8.010	8.644	2242.0E6	897.7E6	683.771	695.643
10) T	Pentachlo...	8.287	9.145	28785.2E6	17642.8E6	710.733	714.720
11) T	2,4,5-TP ...	8.851	9.523	11351.8E6	7013.5E6	700.899	712.001
12) T	2,4,5-T	9.133	9.928	11615.8E6	6526.4E6	703.338	709.114
13) T	2,4-DB	9.691	10.485	1873.1E6	654.1E6	717.719	659.177
14) T	DINOSEB	10.851	10.858	7917.8E6	4788.1E6	692.332	700.833
15) T	Picloram	10.671	11.896	15194.8E6	9910.0E6	710.469	704.182m
16) T	DCPA	11.152	11.893	14119.9E6	10333.8E6	709.134	764.874m

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

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Acq On : 12 May 2025 15:18
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

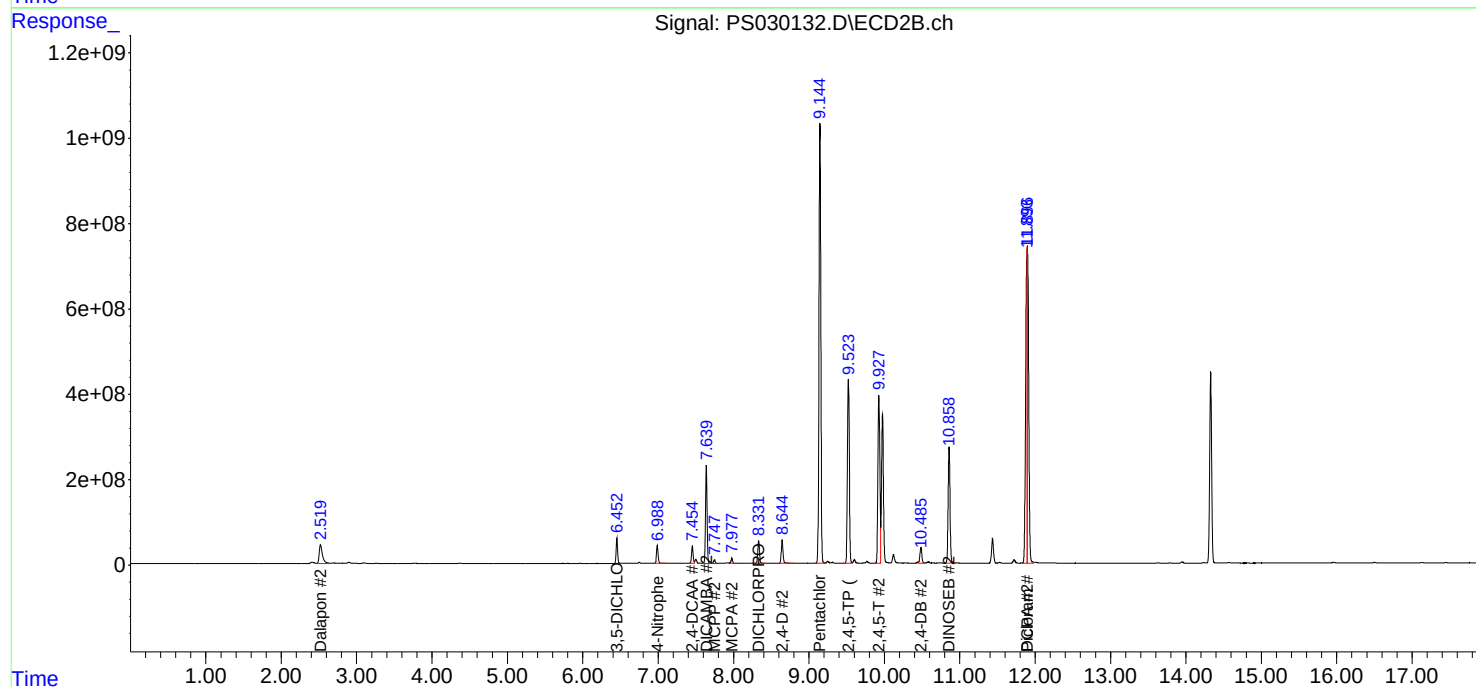
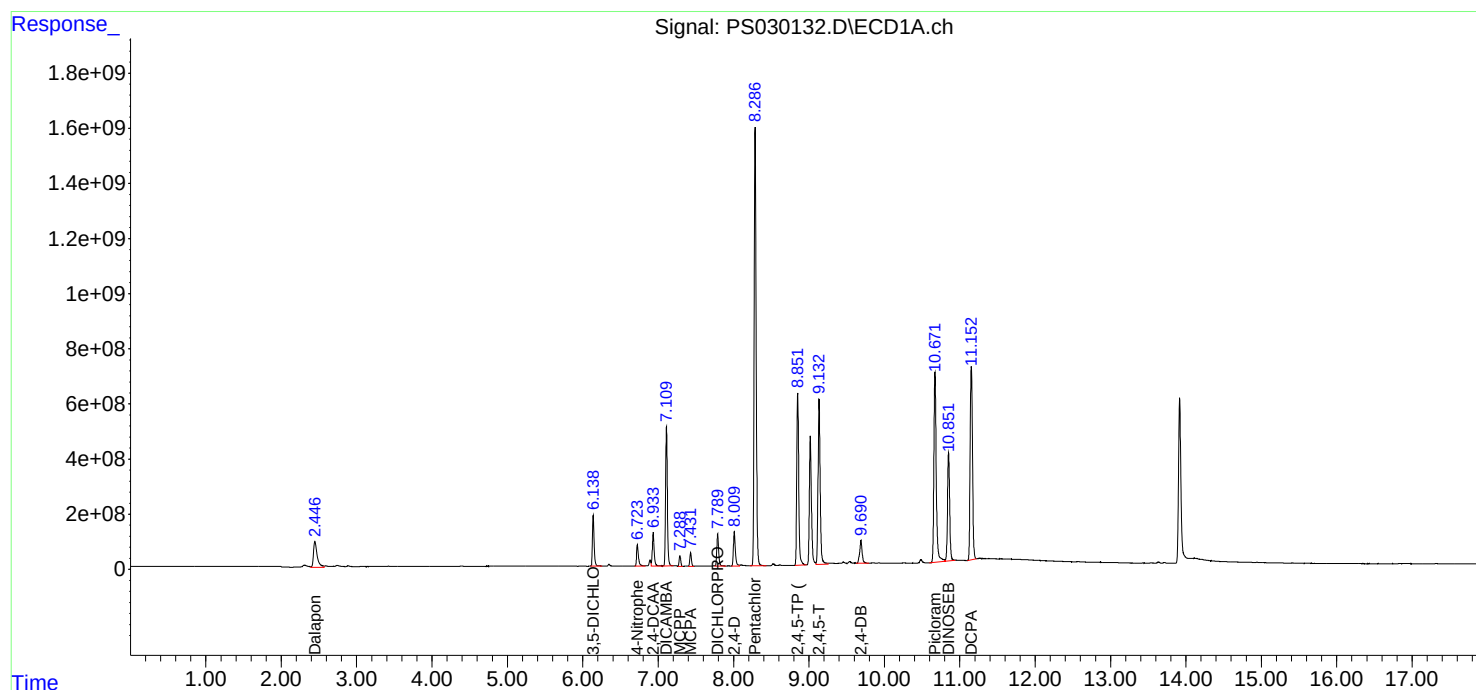
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

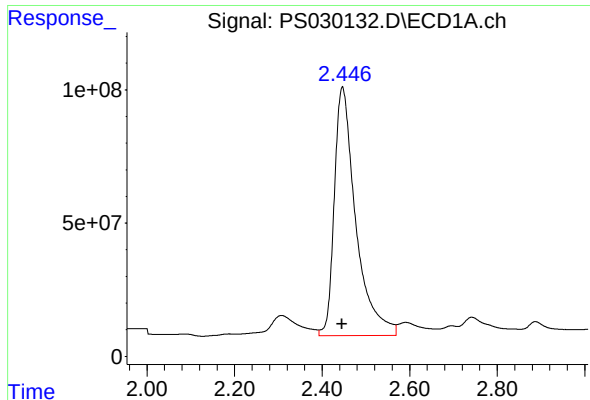
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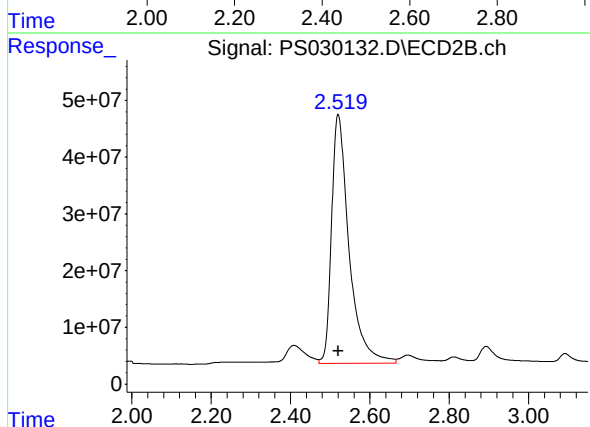
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3177410759
Conc: 646.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

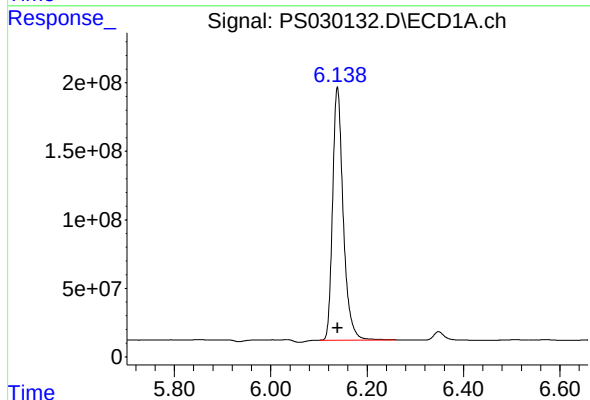
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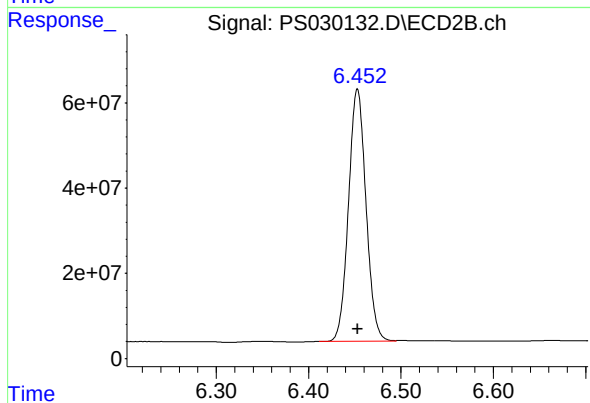
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1344135720
Conc: 661.79 ng/ml



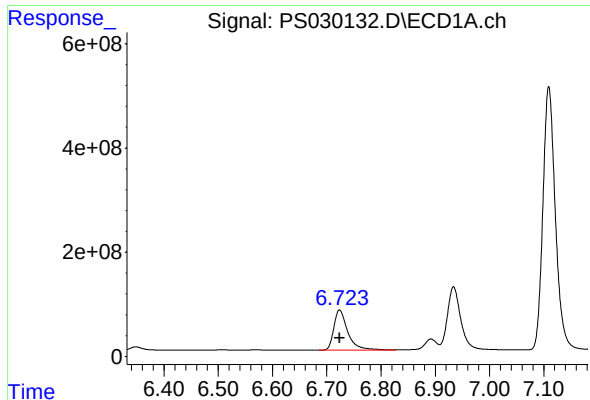
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2816735106
Conc: 675.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 777842589
Conc: 667.20 ng/ml



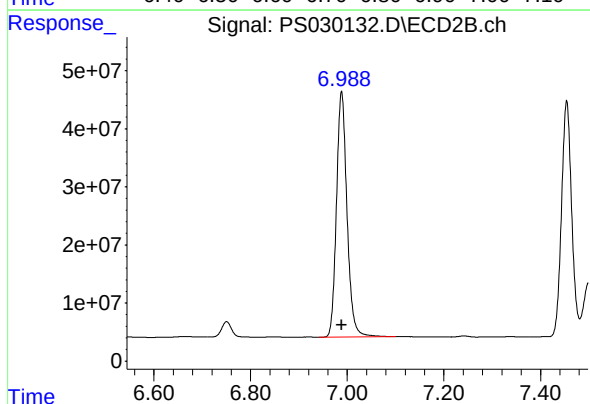
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1373625865
Conc: 665.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

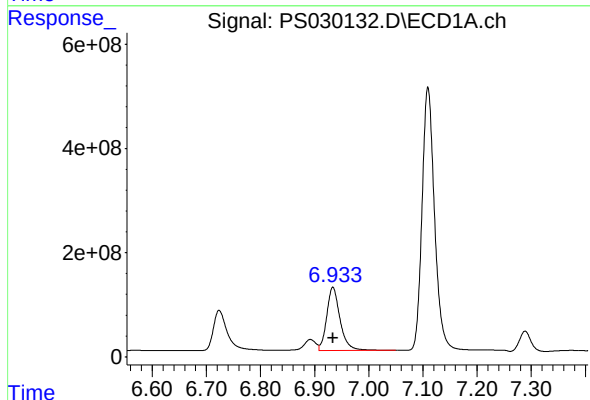
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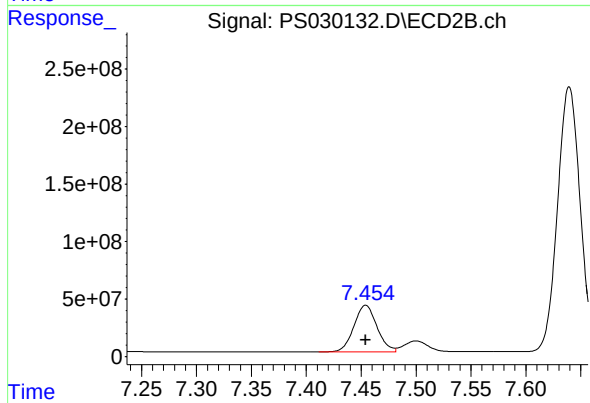
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 638568832
Conc: 611.64 ng/ml



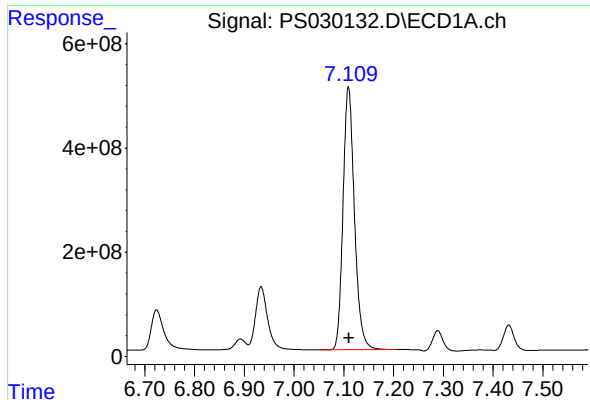
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 2072478094
Conc: 727.74 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 590251318
Conc: 737.63 ng/ml



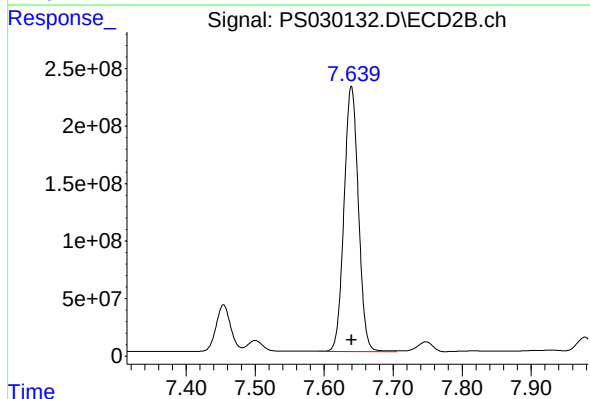
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 8044792207
Conc: 696.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

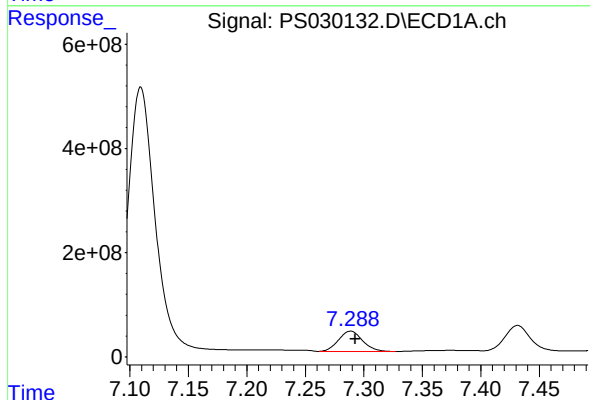
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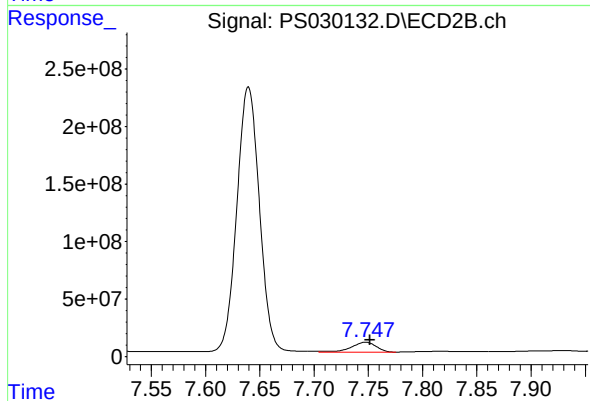
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 3339377771
Conc: 706.30 ng/ml



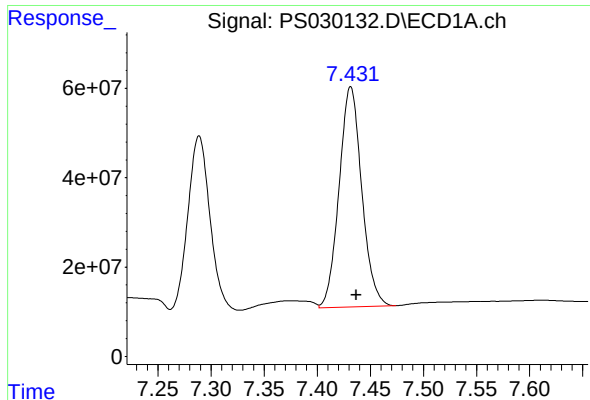
#6 MCPP

R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 556674450
Conc: 76.44 ug/ml



#6 MCPP

R.T.: 7.748 min
Delta R.T.: -0.004 min
Response: 137477474
Conc: 74.73 ug/ml



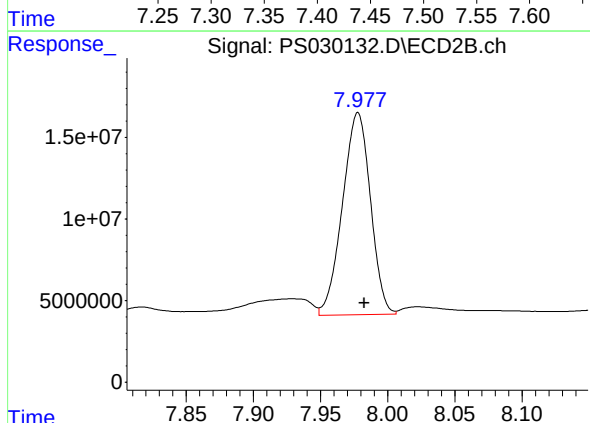
#7 MCPA

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 732044521
Conc: 70.52 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

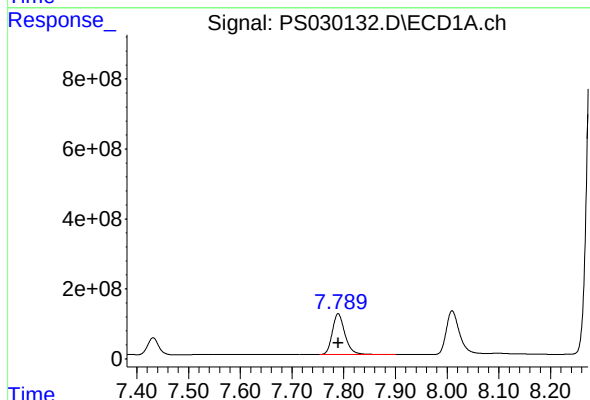
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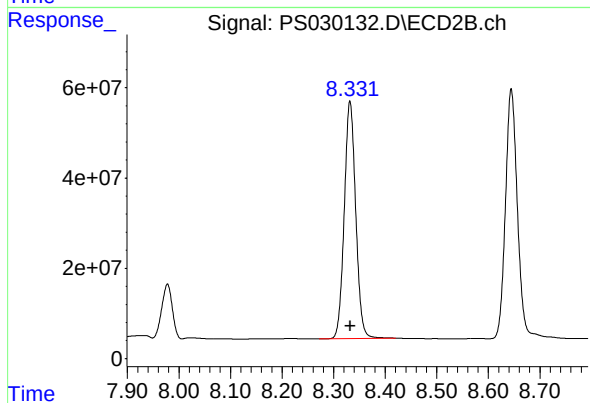
#7 MCPA

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 179891684
Conc: 68.20 ug/ml



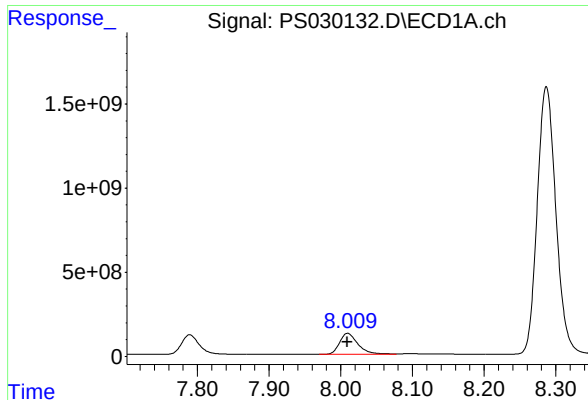
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1992340083
Conc: 681.99 ng/ml



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: -0.001 min
Response: 811454227
Conc: 686.84 ng/ml



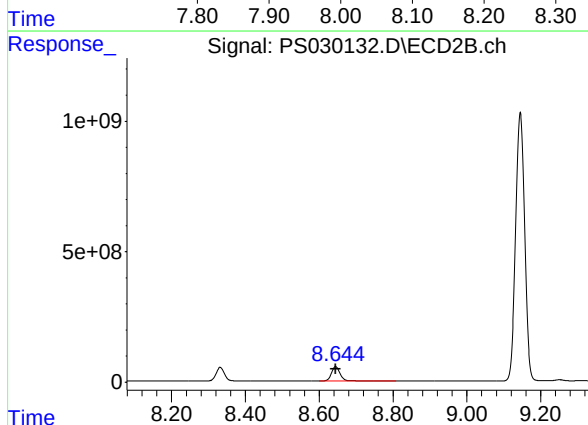
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2242042904
Conc: 683.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

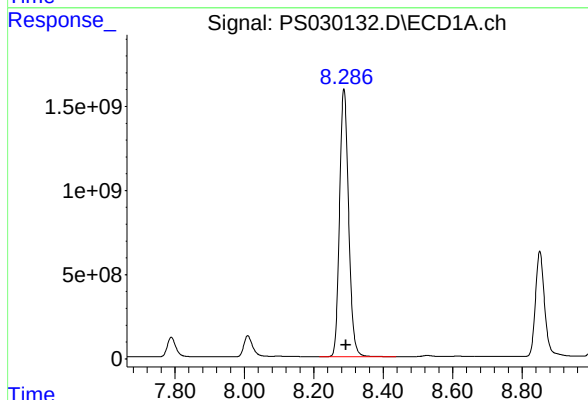
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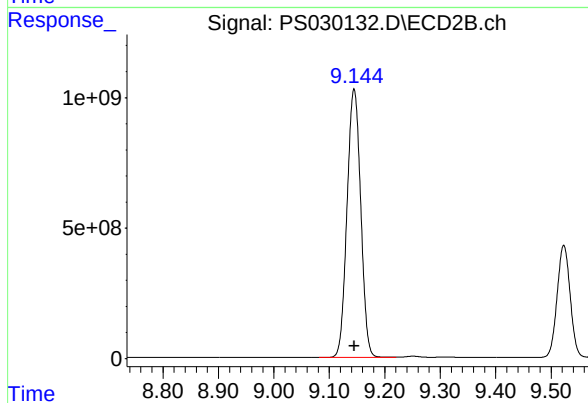
#9 2,4-D

R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 897727268
Conc: 695.64 ng/ml



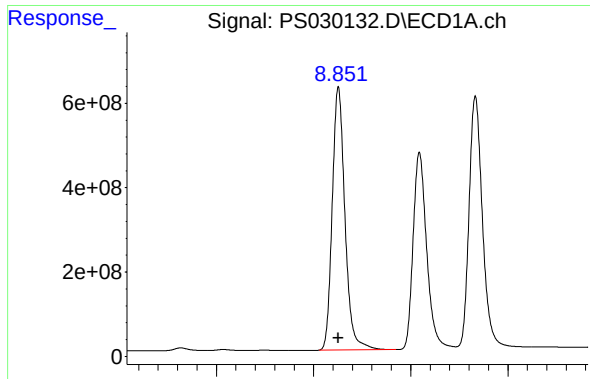
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 28785249440
Conc: 710.73 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 17642839768
Conc: 714.72 ng/ml



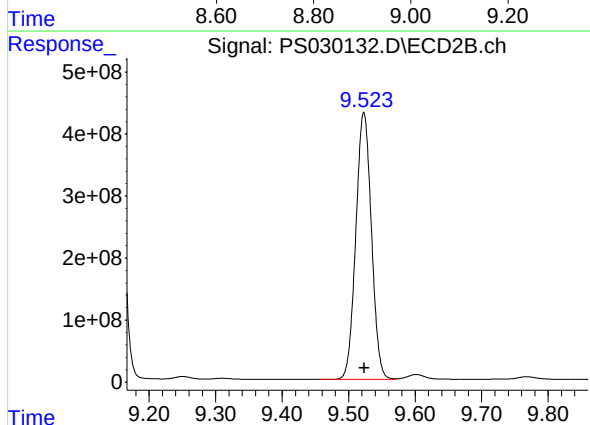
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 11351750915
Conc: 700.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

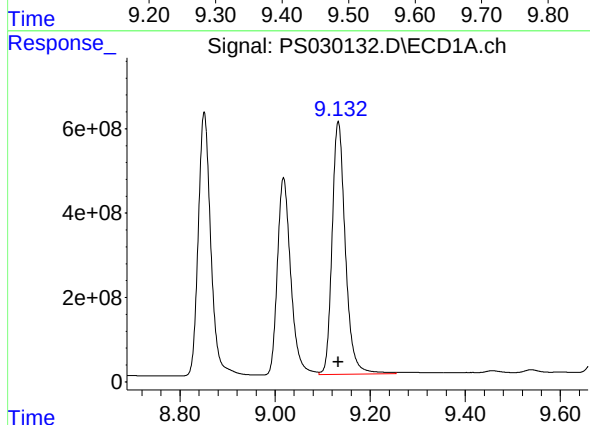
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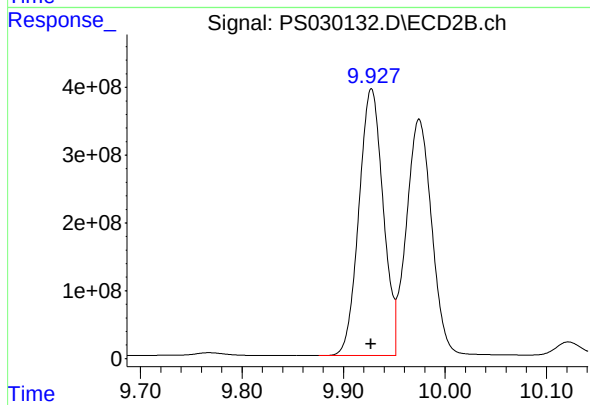
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 7013519951
Conc: 712.00 ng/ml



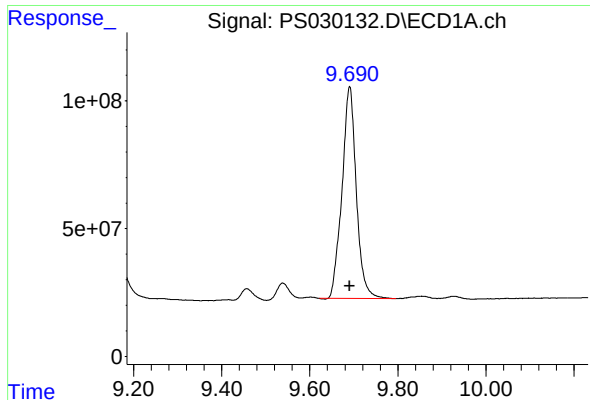
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 11615755545
Conc: 703.34 ng/ml



#12 2,4,5-T

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 6526405428
Conc: 709.11 ng/ml



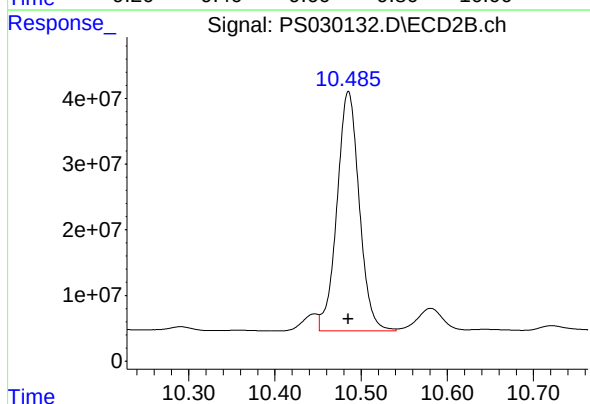
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: 0.000 min
Response: 1873085041
Conc: 717.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

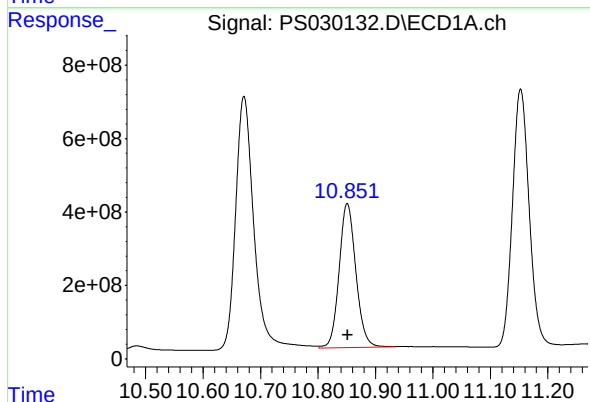
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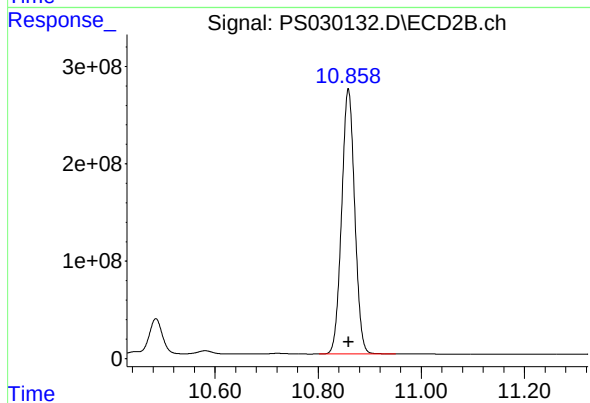
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 654148424
Conc: 659.18 ng/ml



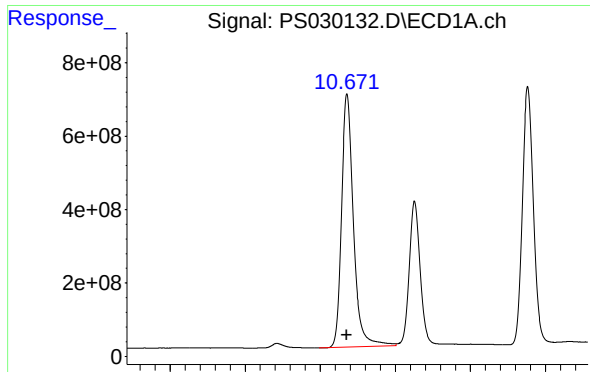
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 7917754825
Conc: 692.33 ng/ml



#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 4788076423
Conc: 700.83 ng/ml



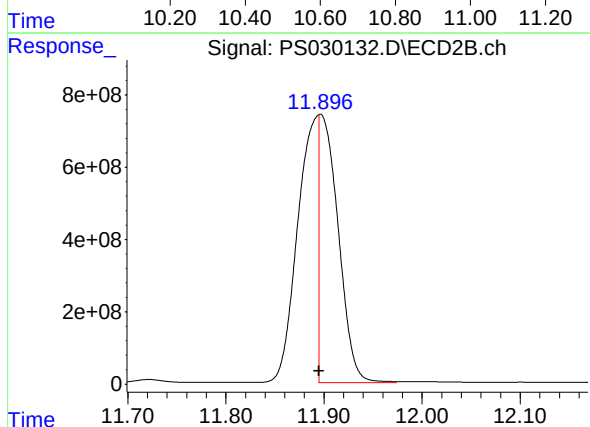
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 15194792129
Conc: 710.47 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

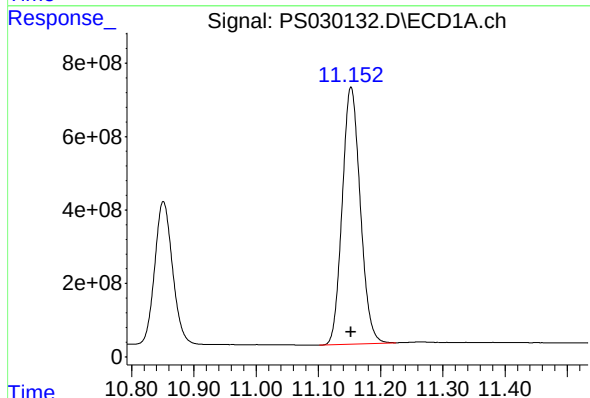
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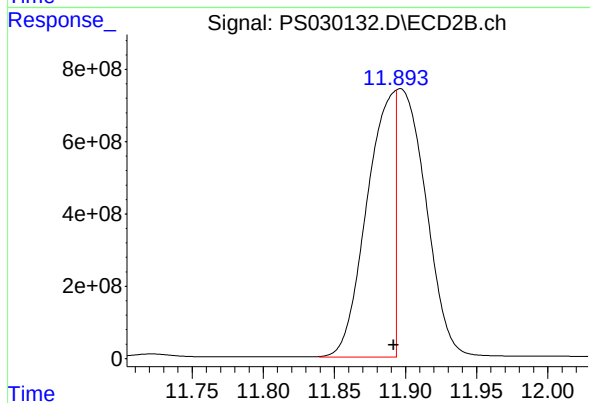
#15 Picloram

R.T.: 11.896 min
Delta R.T.: 0.001 min
Response: 9910033693
Conc: 704.18 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 14119908325
Conc: 709.13 ng/ml



#16 DCPA

R.T.: 11.893 min
Delta R.T.: 0.002 min
Response: 10333842150
Conc: 764.87 ng/ml m