

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
 Data File : PS030392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2025 20:52
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/27/2025
 Supervised By : mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 22:36:26 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	6.927	7.444	2187.8E6	607.4E6	768.254	759.108
Target Compounds							
1) T	Dalapon	2.443	2.517	3306.7E6	1356.0E6	672.728	667.635
2) T	3,5-DICHL...	6.133	6.445	2955.1E6	786.2E6	708.563	674.347
3) T	4-Nitroph...	6.718	6.979	1460.1E6	657.7E6	706.860	629.962
5) T	DICAMBA	7.104	7.629	8461.3E6	3500.8E6	732.111	740.441
6) T	MCPD	7.283	7.737	573.3E6	132.1E6	78.725	71.788
7) T	MCPA	7.426	7.966	759.4E6	184.8E6	73.151	70.064
8) T	DICHLORPROP	7.782	8.320	2114.3E6	845.3E6	723.738	715.512
9) T	2,4-D	8.003	8.632	2386.2E6	945.7E6	727.740	732.820
10) T	Pentachlo...	8.280	9.130	30388.2E6	18760.0E6	750.312	759.976
11) T	2,4,5-TP ...	8.842	9.509	12140.8E6	7409.3E6	749.620m	752.185
12) T	2,4,5-T	9.124	9.912	12349.7E6	6865.0E6	747.779	745.908
13) T	2,4-DB	9.682	10.469	2069.2E6	640.2E6	792.868	645.152m
14) T	DINOSEB	10.841	10.843	8297.4E6	4936.5E6	725.526	722.558
15) T	Picloram	10.661	11.877	15964.8E6	10817.1E6	746.472	768.633m
16) T	DCPA	11.143	11.873	14791.5E6	9204.1E6	742.862	681.255m

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

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Acq On : 23 May 2025 20:52
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

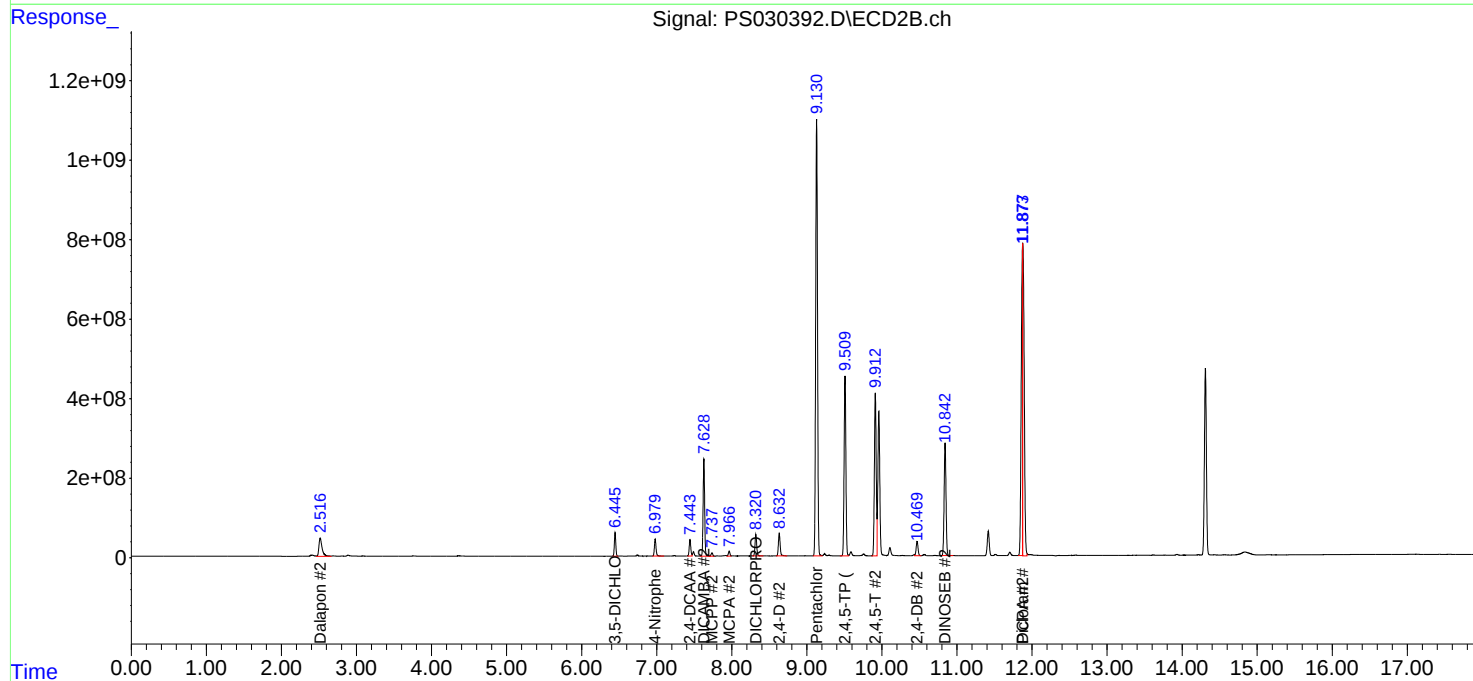
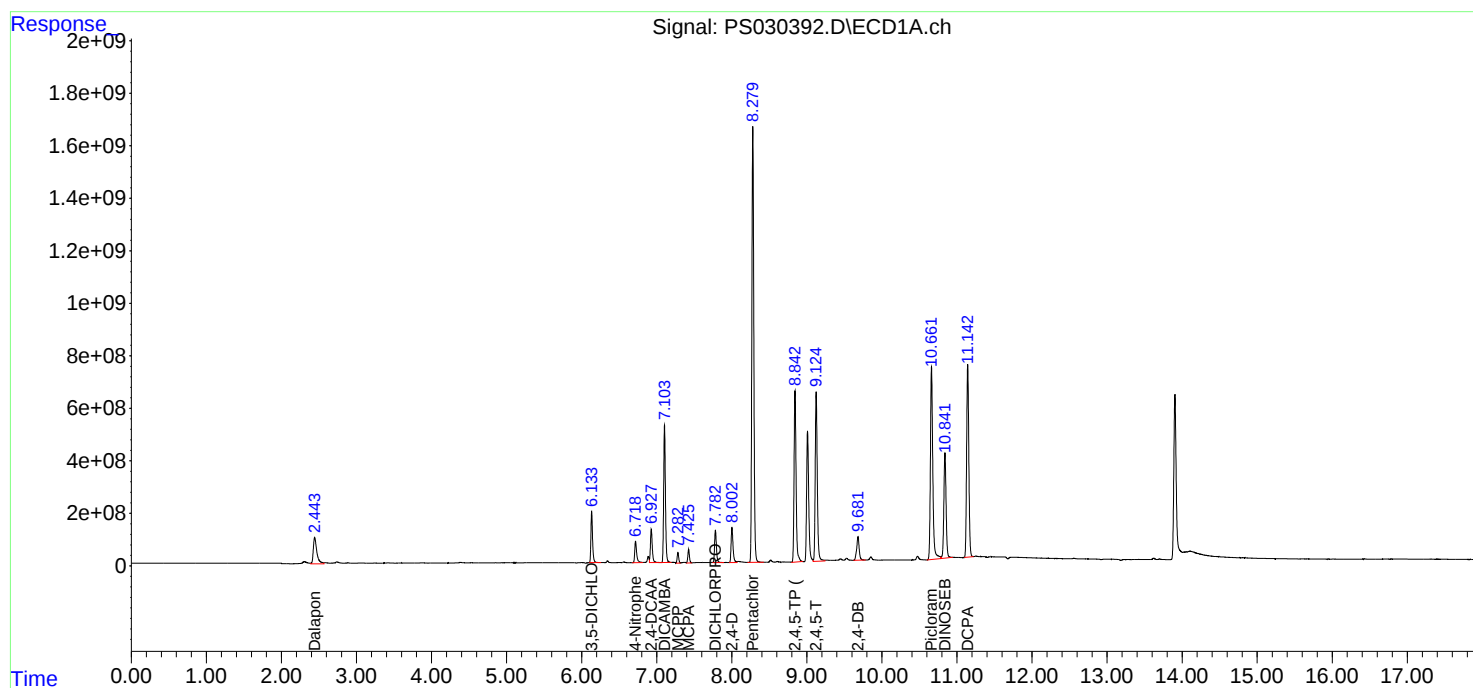
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

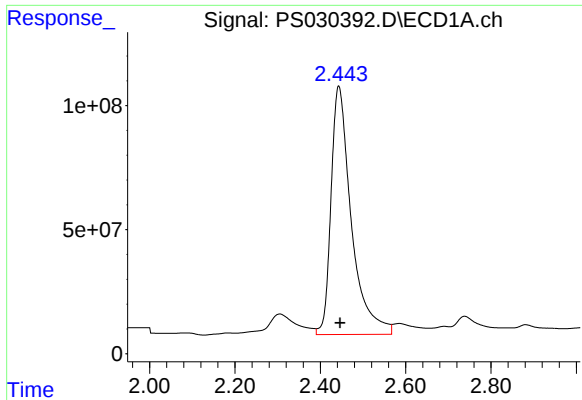
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
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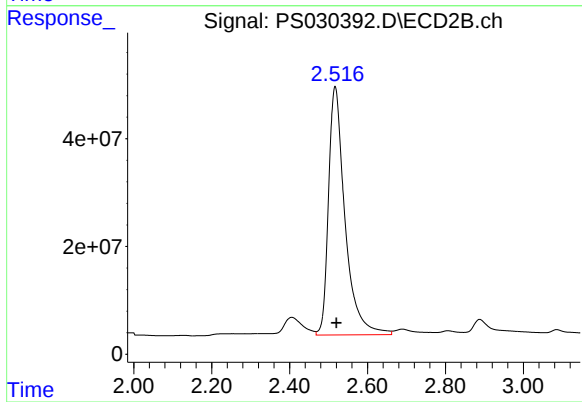
#1 Dalapon

R.T.: 2.443 min
Delta R.T.: -0.003 min
Response: 3306701387
Conc: 672.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

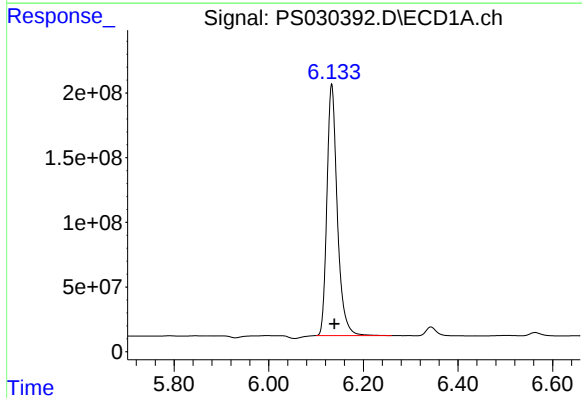
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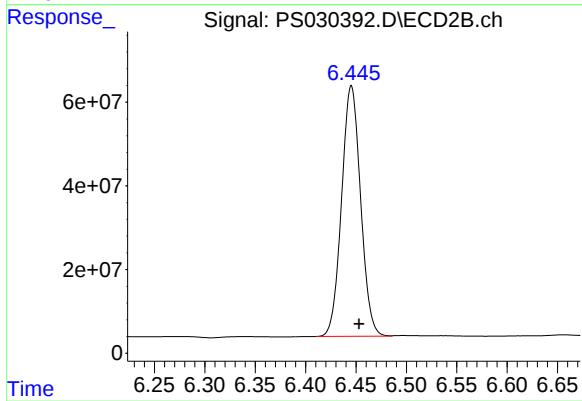
#1 Dalapon

R.T.: 2.517 min
Delta R.T.: -0.003 min
Response: 1355999510
Conc: 667.63 ng/ml



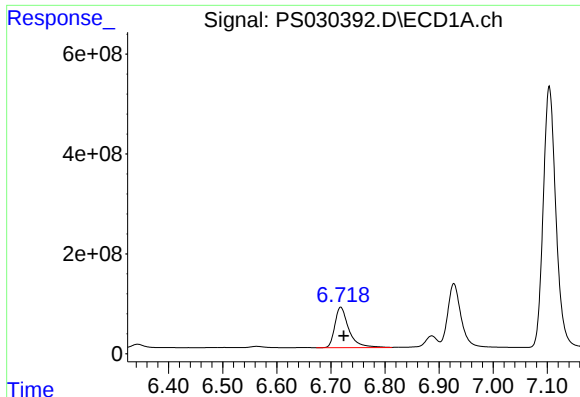
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.133 min
Delta R.T.: -0.006 min
Response: 2955098274
Conc: 708.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 786173997
Conc: 674.35 ng/ml



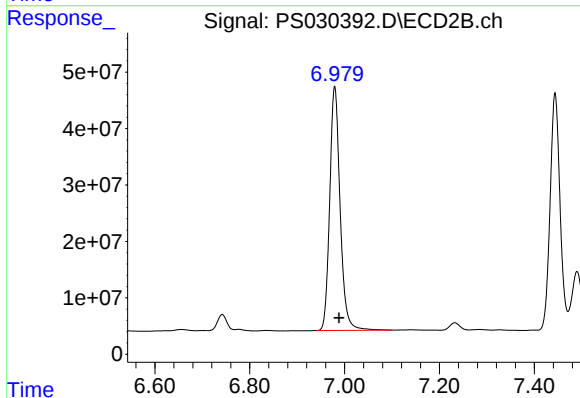
#3 4-Nitrophenol

R.T.: 6.718 min
Delta R.T.: -0.005 min
Response: 1460100614
Conc: 706.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

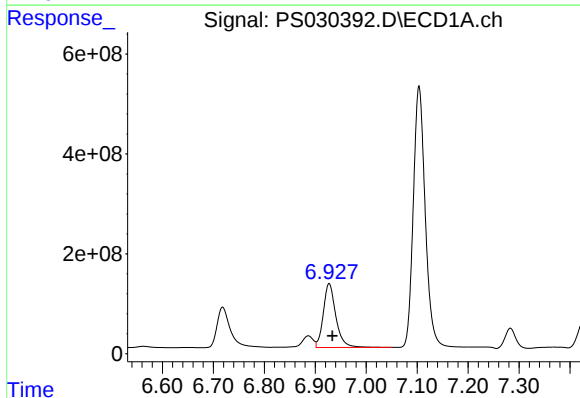
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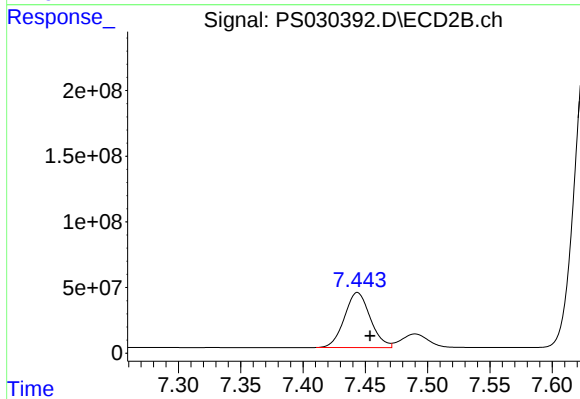
#3 4-Nitrophenol

R.T.: 6.979 min
Delta R.T.: -0.009 min
Response: 657700792
Conc: 629.96 ng/ml



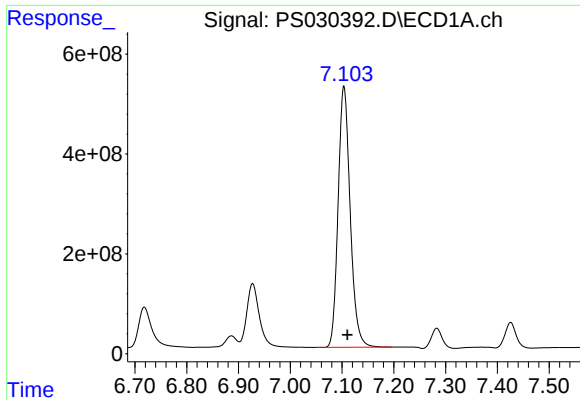
#4 2,4-DCAA

R.T.: 6.927 min
Delta R.T.: -0.006 min
Response: 2187841462
Conc: 768.25 ng/ml



#4 2,4-DCAA

R.T.: 7.444 min
Delta R.T.: -0.010 min
Response: 607440602
Conc: 759.11 ng/ml



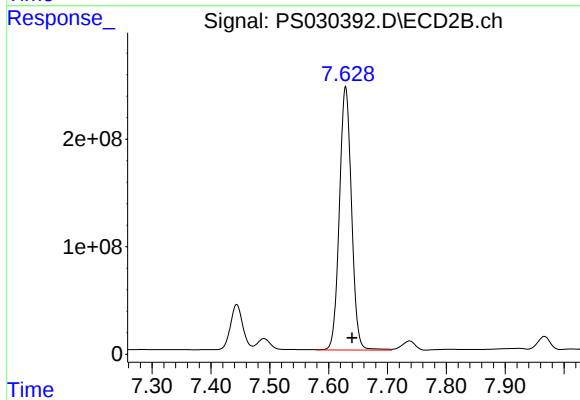
#5 DICAMBA

R.T.: 7.104 min
Delta R.T.: -0.007 min
Response: 8461268853
Conc: 732.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

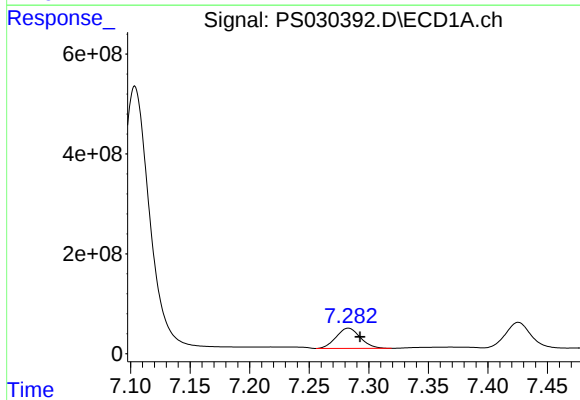
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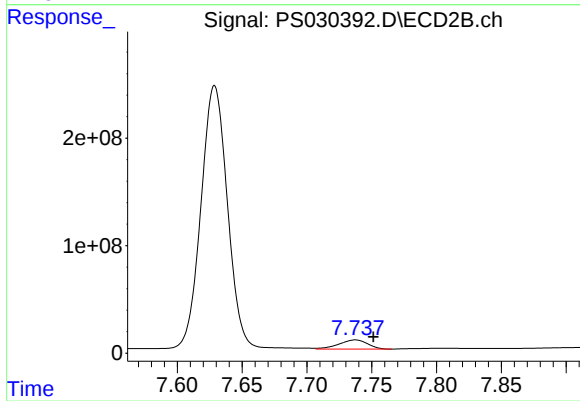
#5 DICAMBA

R.T.: 7.629 min
Delta R.T.: -0.011 min
Response: 3500790406
Conc: 740.44 ng/ml



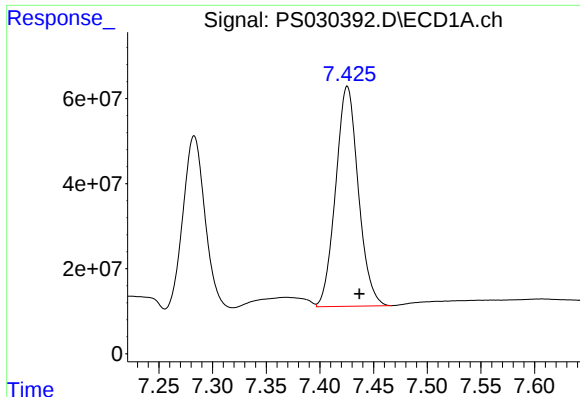
#6 MCP

R.T.: 7.283 min
Delta R.T.: -0.010 min
Response: 573328983
Conc: 78.72 ug/ml



#6 MCP

R.T.: 7.737 min
Delta R.T.: -0.014 min
Response: 132073636
Conc: 71.79 ug/ml



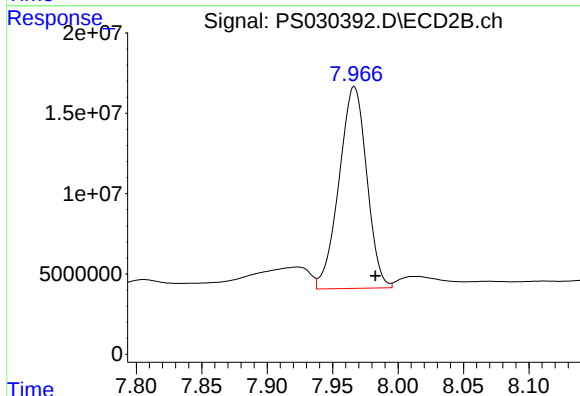
#7 MCPA

R.T.: 7.426 min
Delta R.T.: -0.011 min
Response: 759376856
Conc: 73.15 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

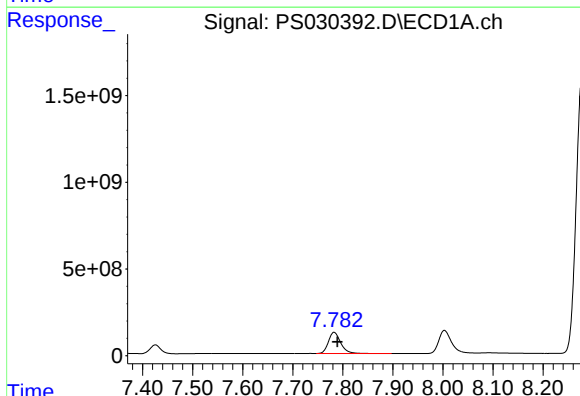
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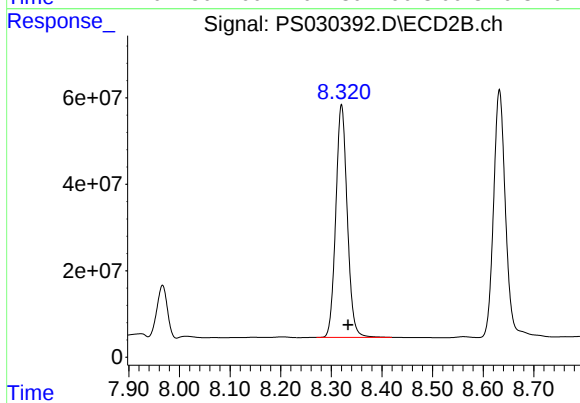
#7 MCPA

R.T.: 7.966 min
Delta R.T.: -0.016 min
Response: 184807753
Conc: 70.06 ug/ml



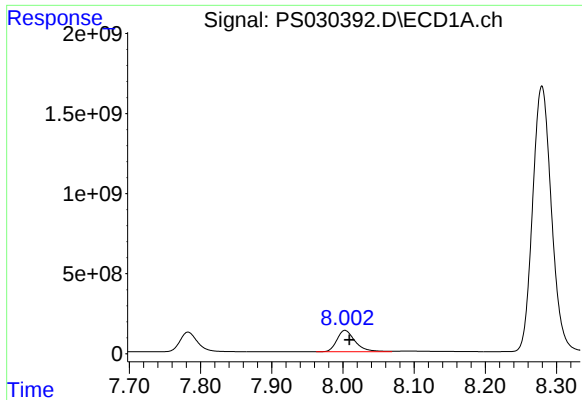
#8 DICHLORPROP

R.T.: 7.782 min
Delta R.T.: -0.007 min
Response: 2114289189
Conc: 723.74 ng/ml



#8 DICHLORPROP

R.T.: 8.320 min
Delta R.T.: -0.013 min
Response: 845329626
Conc: 715.51 ng/ml



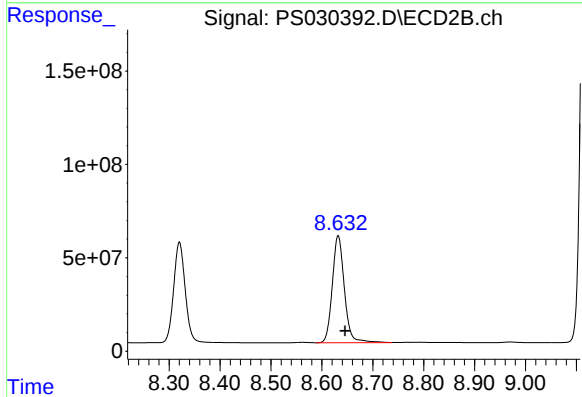
#9 2,4-D

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 2386213976
Conc: 727.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

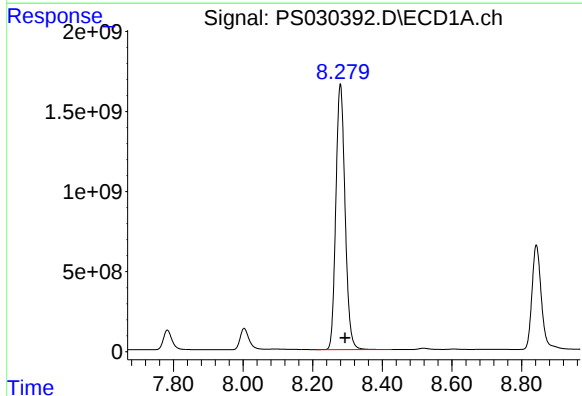
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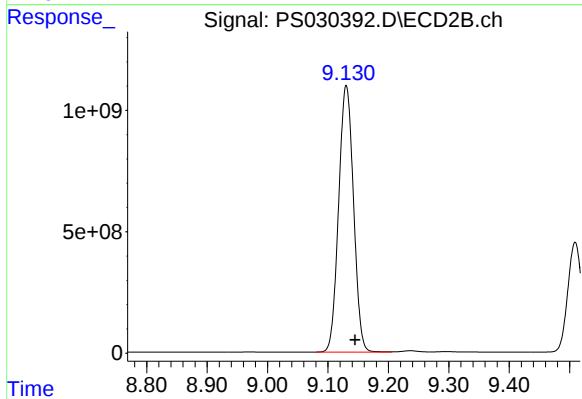
#9 2,4-D

R.T.: 8.632 min
Delta R.T.: -0.013 min
Response: 945704946
Conc: 732.82 ng/ml



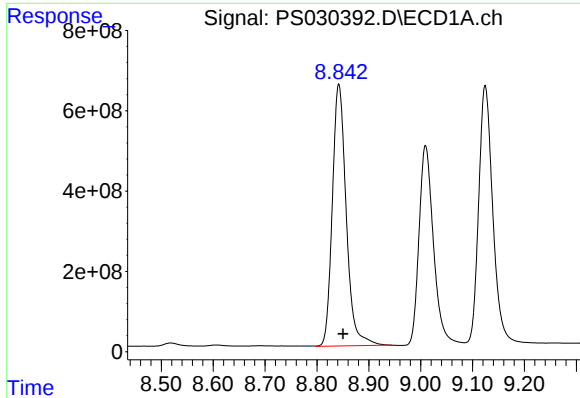
#10 Pentachlorophenol

R.T.: 8.280 min
Delta R.T.: -0.013 min
Response: 30388237308
Conc: 750.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.130 min
Delta R.T.: -0.015 min
Response: 18759979011
Conc: 759.98 ng/ml



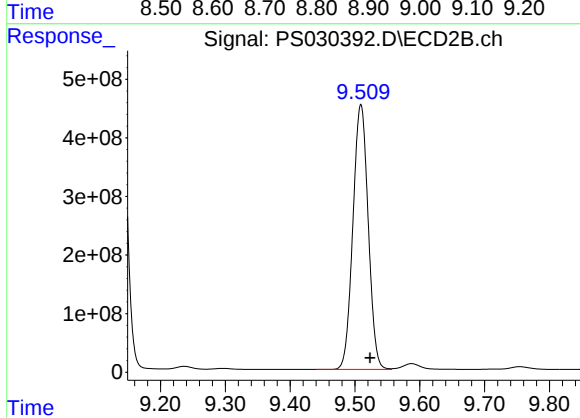
#11 2,4,5-TP (SILVEX)

R.T.: 8.842 min
Delta R.T.: -0.009 min
Response: 12140845477
Conc: 749.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

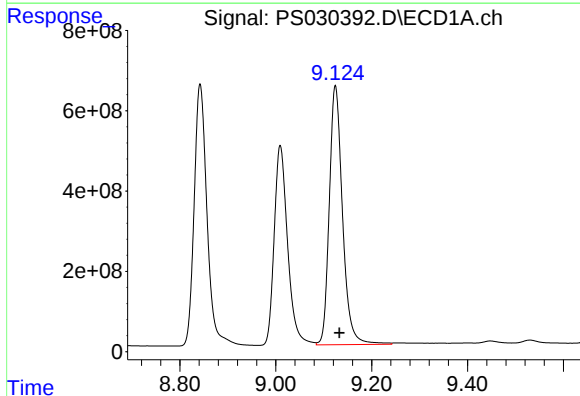
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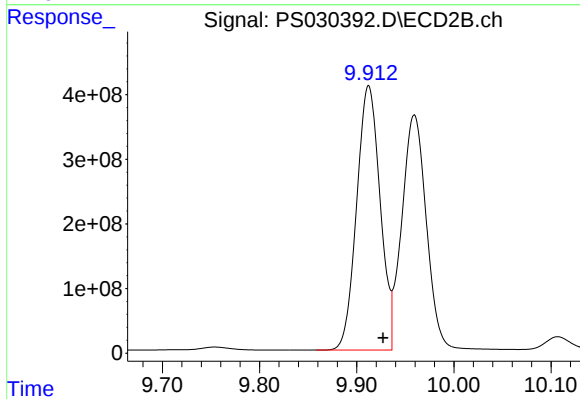
#11 2,4,5-TP (SILVEX)

R.T.: 9.509 min
Delta R.T.: -0.014 min
Response: 7409341429
Conc: 752.18 ng/ml



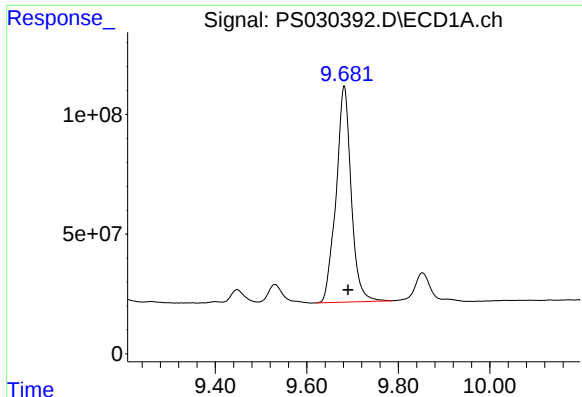
#12 2,4,5-T

R.T.: 9.124 min
Delta R.T.: -0.009 min
Response: 12349707616
Conc: 747.78 ng/ml



#12 2,4,5-T

R.T.: 9.912 min
Delta R.T.: -0.015 min
Response: 6865047731
Conc: 745.91 ng/ml



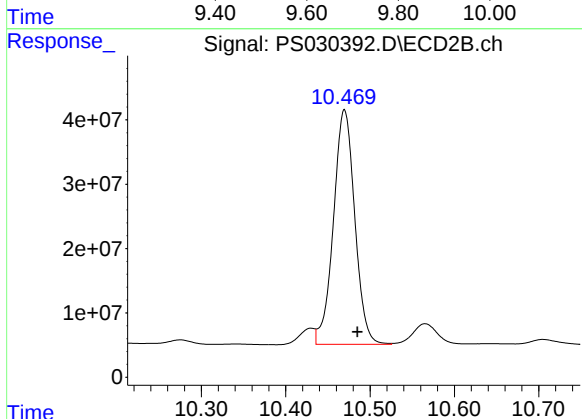
#13 2,4-DB

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 2069205763
Conc: 792.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

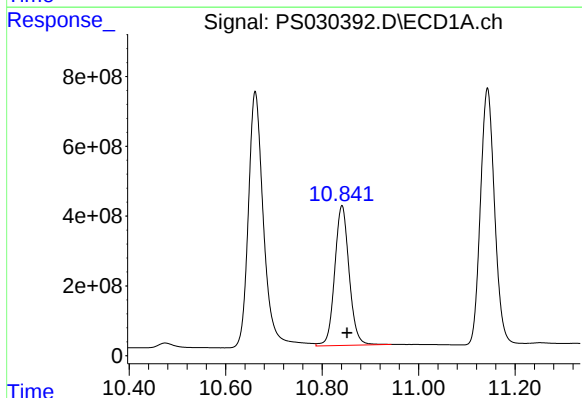
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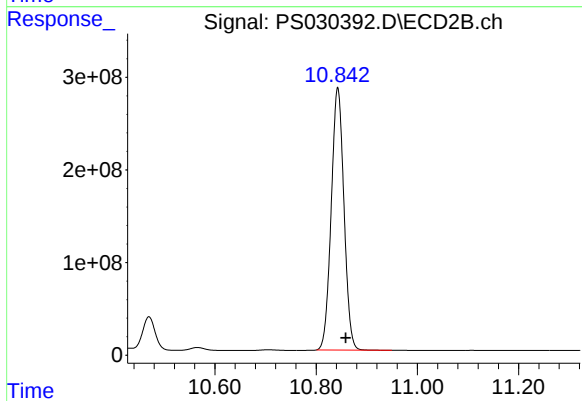
#13 2,4-DB

R.T.: 10.469 min
Delta R.T.: -0.016 min
Response: 640230652
Conc: 645.15 ng/ml m



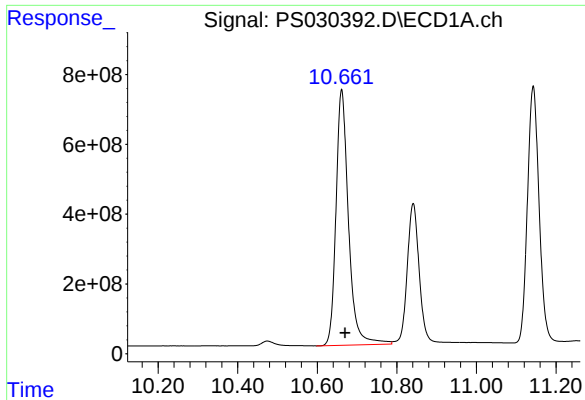
#14 DINOSEB

R.T.: 10.841 min
Delta R.T.: -0.010 min
Response: 8297377829
Conc: 725.53 ng/ml



#14 DINOSEB

R.T.: 10.843 min
Delta R.T.: -0.016 min
Response: 4936504290
Conc: 722.56 ng/ml



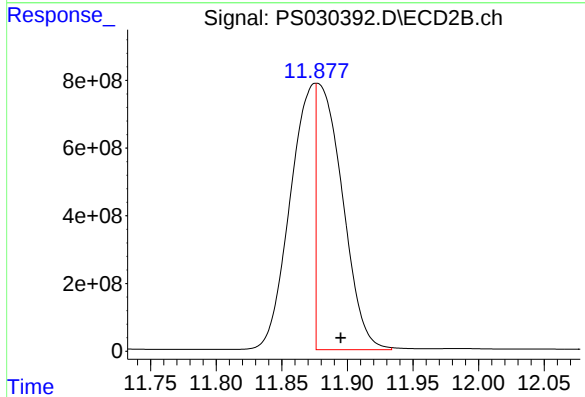
#15 Picloram

R.T.: 10.661 min
Delta R.T.: -0.009 min
Response: 15964771932
Conc: 746.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

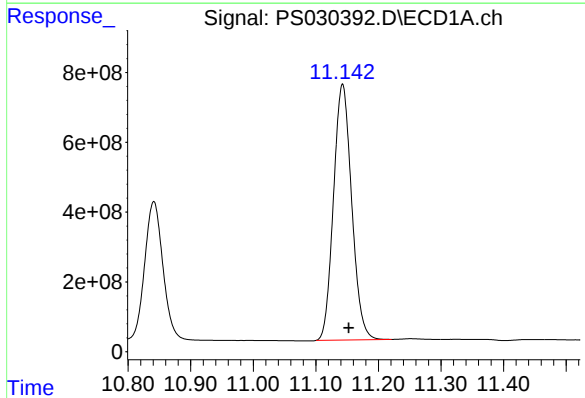
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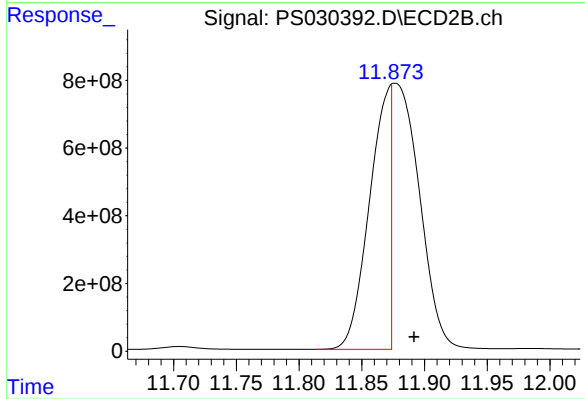
#15 Picloram

R.T.: 11.877 min
Delta R.T.: -0.018 min
Response: 10817067681
Conc: 768.63 ng/ml m



#16 DCPA

R.T.: 11.143 min
Delta R.T.: -0.010 min
Response: 14791482103
Conc: 742.86 ng/ml



#16 DCPA

R.T.: 11.873 min
Delta R.T.: -0.018 min
Response: 9204109017
Conc: 681.26 ng/ml m