

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040825\
 Data File : PS029739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 21:27
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:50:44 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 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	6.953	7.469	1509.9E6	497.8E6	740.583	730.424
Target Compounds							
1) T	Dalapon	2.460	2.531	2235.8E6	971.4E6	659.061	611.877
2) T	3,5-DICHL...	6.156	6.465	2185.3E6	650.9E6	726.557	674.147
3) T	4-Nitroph...	6.743	7.003	1036.6E6	466.9E6	737.865	658.473
5) T	DICAMBA	7.130	7.656	5967.0E6	2609.1E6	717.022	706.426
6) T	MCPD	7.308	7.763	360.4E6	105.9E6	66.489	62.692
7) T	MCPA	7.450	7.993	519.8E6	148.7E6	71.502m	65.351
8) T	DICHLORPROP	7.811	8.350	1561.0E6	688.5E6	709.749	712.615
9) T	2,4-D	8.031	8.663	1667.9E6	727.9E6	692.192	674.961
10) T	Pentachlo...	8.310	9.164	21425.5E6	13175.0E6	704.669	734.897
11) T	2,4,5-TP ...	8.876	9.542	8420.3E6	5257.4E6	724.927	728.885
12) T	2,4,5-T	9.157	9.946	8486.3E6	4964.2E6	737.656	740.615
13) T	2,4-DB	9.717	10.504	1417.3E6	496.9E6	780.118	669.745
14) T	DINOSEB	10.881	10.875	5956.7E6	3519.7E6	705.595	688.403
15) T	Picloram	10.698	11.913	11156.6E6	8254.5E6	719.765	698.086m
16) T	DCPA	11.182	11.903	10315.6E6	6028.0E6	738.620	681.078m

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

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Acq On : 08 Apr 2025 21:27
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

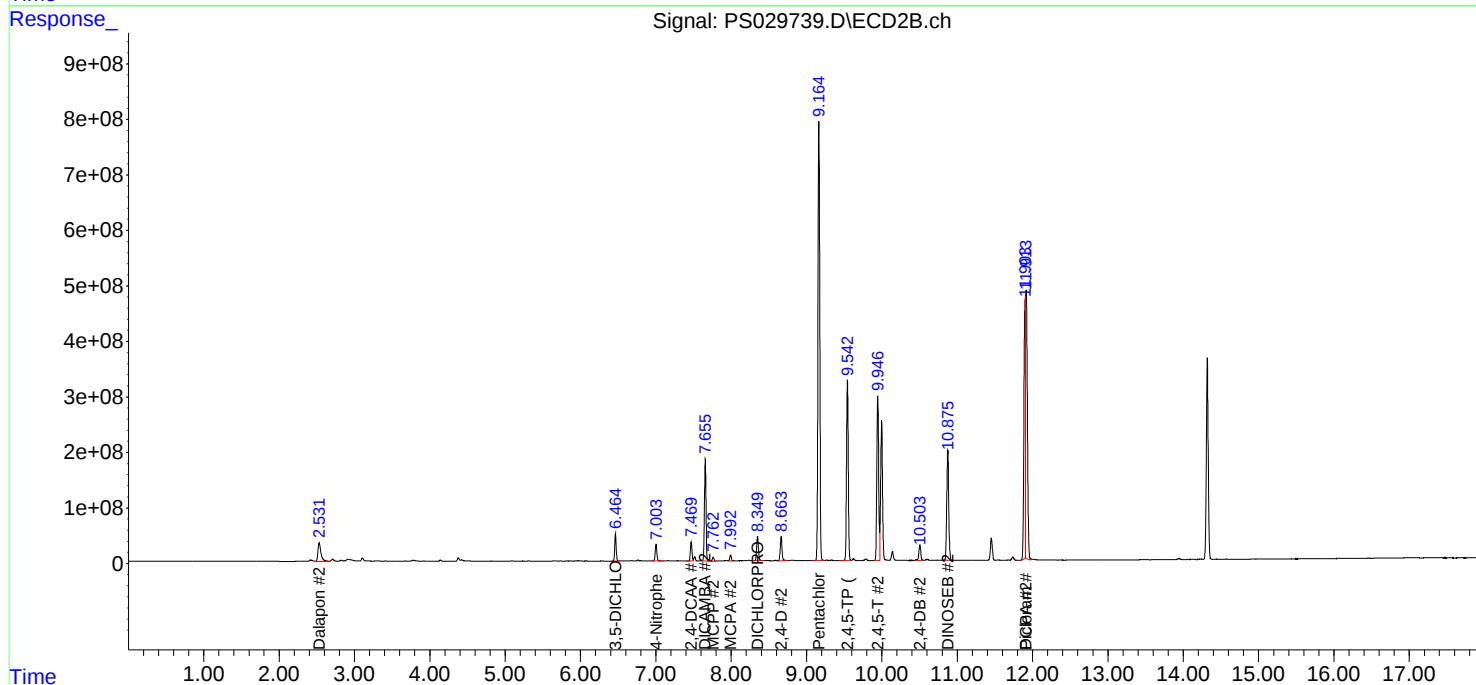
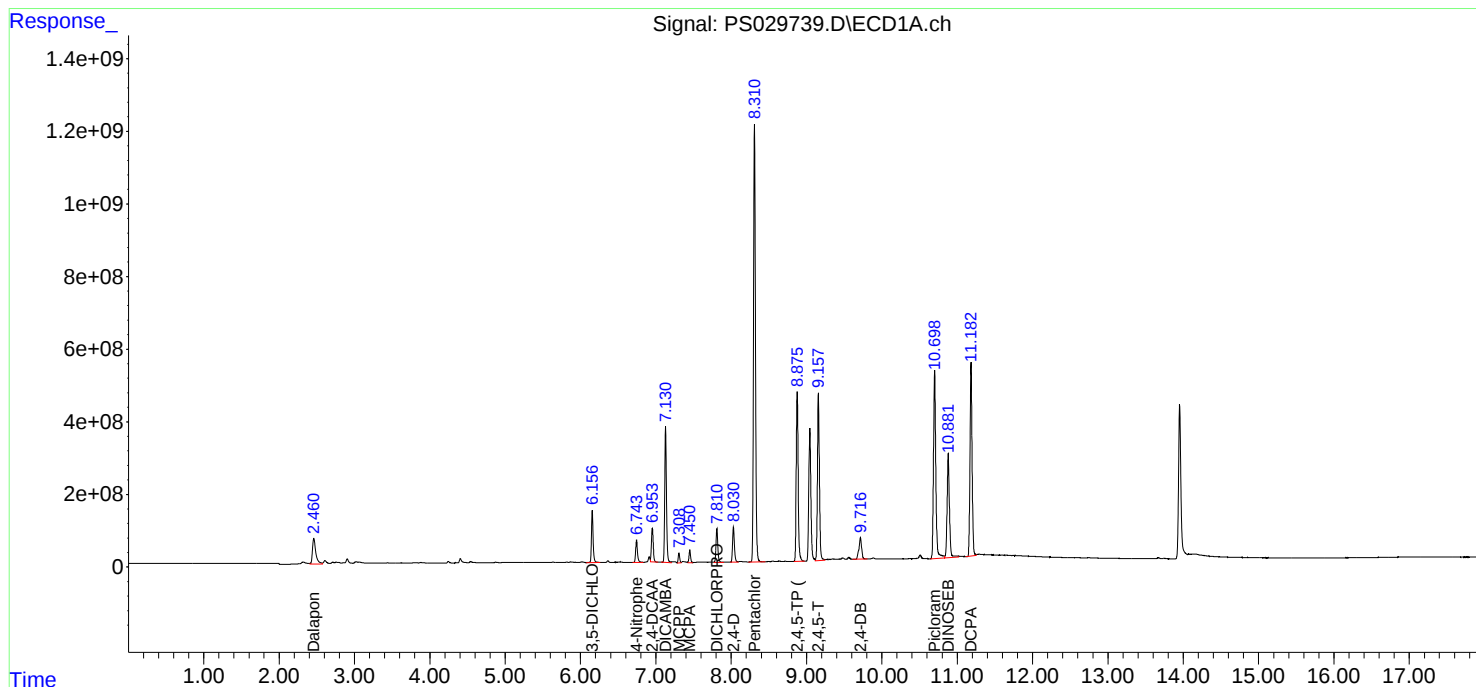
Instrument :
ECD_S
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HSTDCCC750

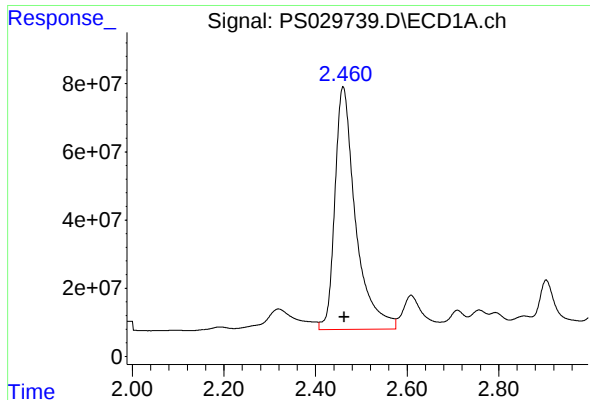
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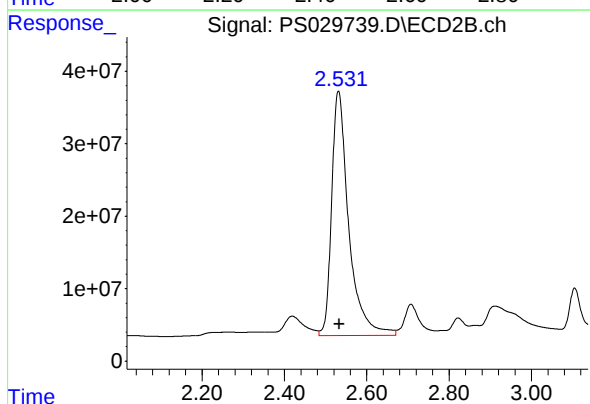
#1 Dalapon

R.T.: 2.460 min
Delta R.T.: -0.003 min
Response: 2235794896
Conc: 659.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

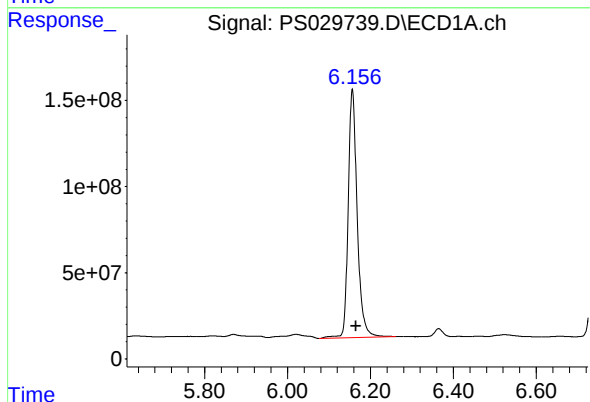
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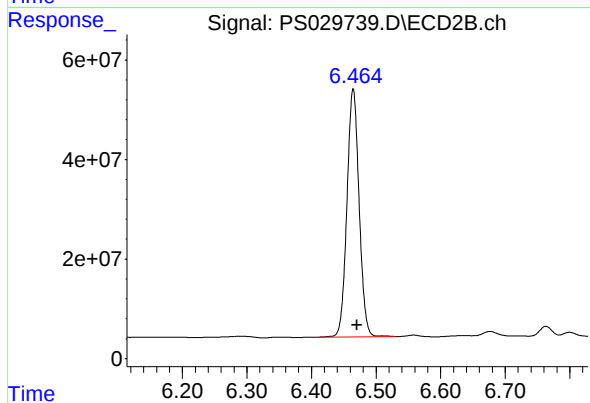
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.002 min
Response: 971414089
Conc: 611.88 ng/ml



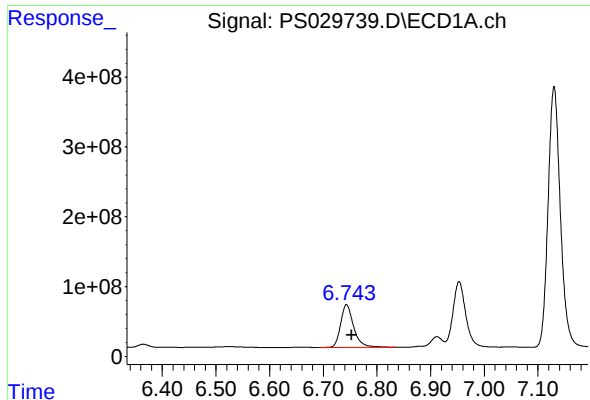
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 2185309298
Conc: 726.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.006 min
Response: 650927019
Conc: 674.15 ng/ml



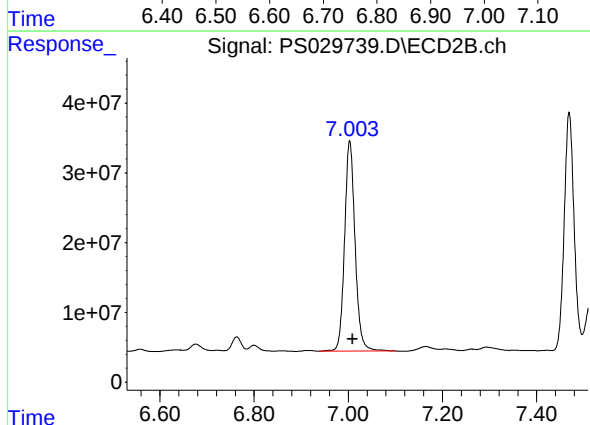
#3 4-Nitrophenol

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 1036552168
Conc: 737.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

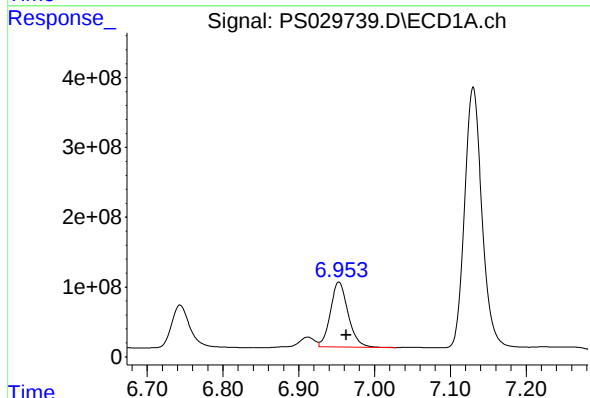
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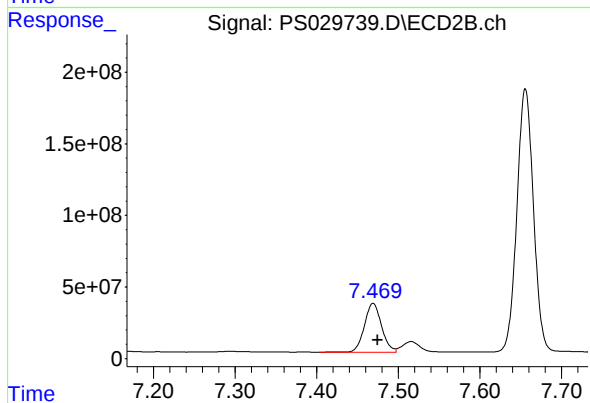
#3 4-Nitrophenol

R.T.: 7.003 min
Delta R.T.: -0.006 min
Response: 466856588
Conc: 658.47 ng/ml



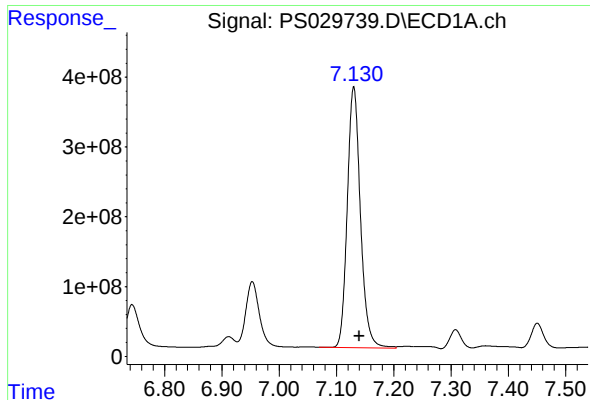
#4 2,4-DCAA

R.T.: 6.953 min
Delta R.T.: -0.010 min
Response: 1509923095
Conc: 740.58 ng/ml



#4 2,4-DCAA

R.T.: 7.469 min
Delta R.T.: -0.006 min
Response: 497793445
Conc: 730.42 ng/ml



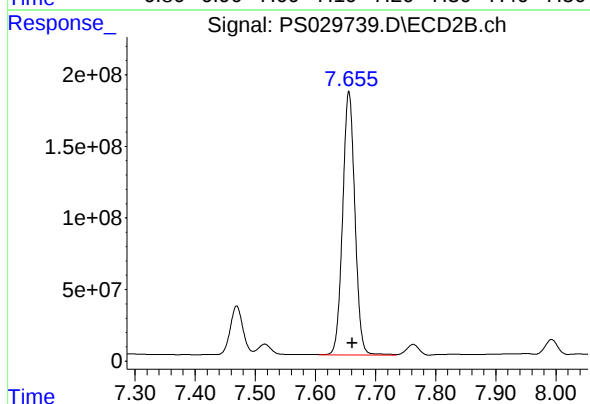
#5 DICAMBA

R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 5967016966
Conc: 717.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

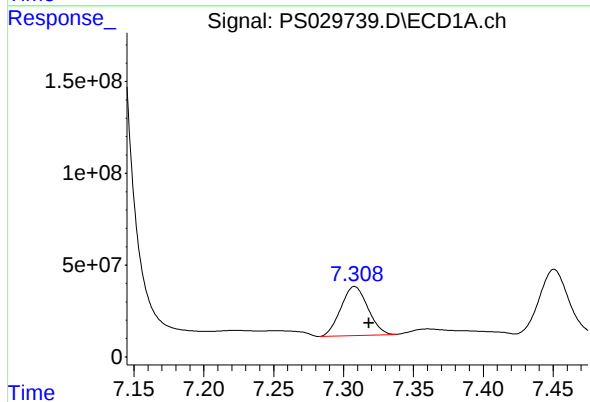
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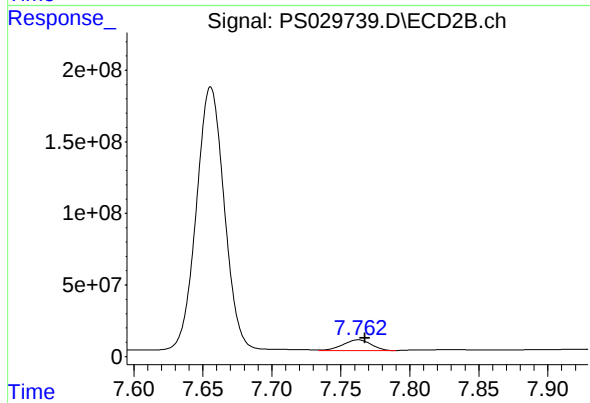
#5 DICAMBA

R.T.: 7.656 min
Delta R.T.: -0.006 min
Response: 2609093289
Conc: 706.43 ng/ml



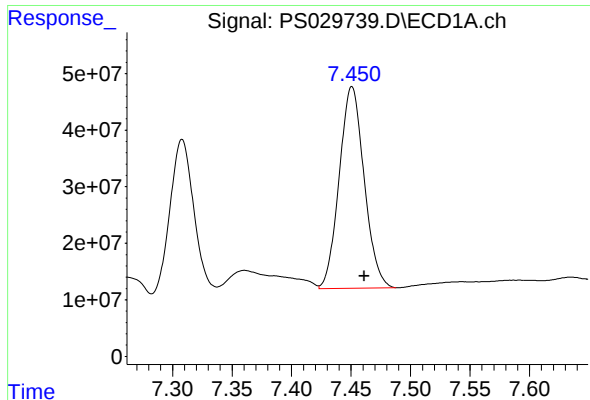
#6 MCPP

R.T.: 7.308 min
Delta R.T.: -0.010 min
Response: 360360736
Conc: 66.49 ug/ml



#6 MCPP

R.T.: 7.763 min
Delta R.T.: -0.005 min
Response: 105853562
Conc: 62.69 ug/ml



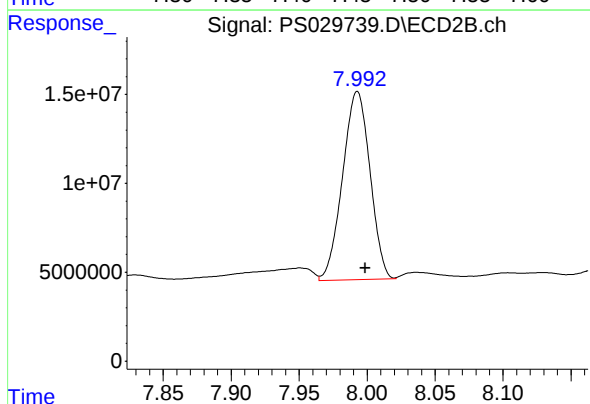
#7 MCPA

R.T.: 7.450 min
Delta R.T.: -0.011 min
Response: 519750881
Conc: 71.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

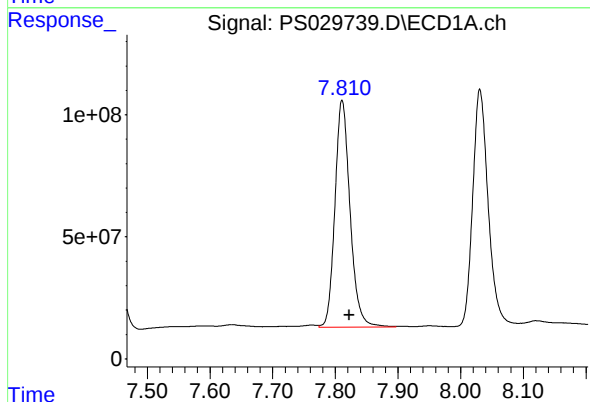
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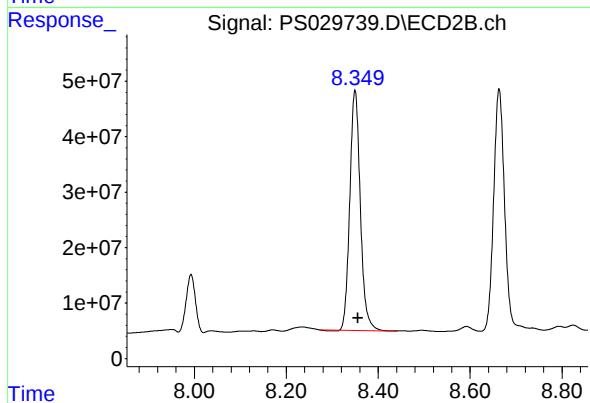
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.006 min
Response: 148690386
Conc: 65.35 ug/ml



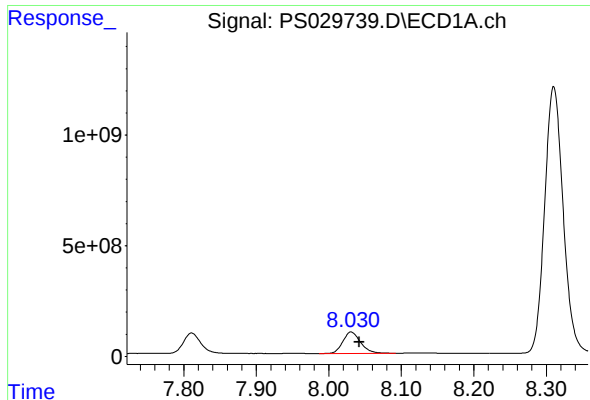
#8 DICHLORPROP

R.T.: 7.811 min
Delta R.T.: -0.011 min
Response: 1561049602
Conc: 709.75 ng/ml



#8 DICHLORPROP

R.T.: 8.350 min
Delta R.T.: -0.007 min
Response: 688494813
Conc: 712.62 ng/ml



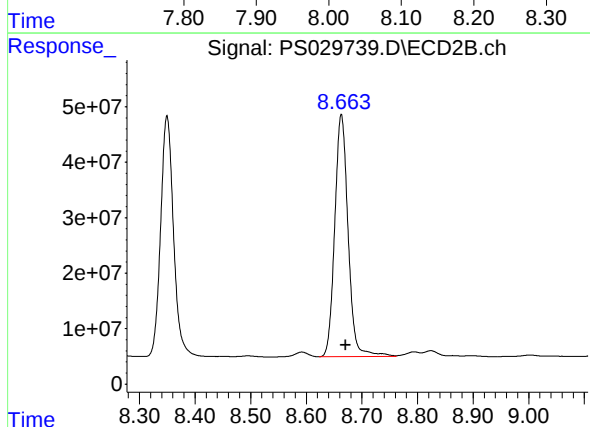
#9 2,4-D

R.T.: 8.031 min
Delta R.T.: -0.012 min
Response: 1667898574
Conc: 692.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

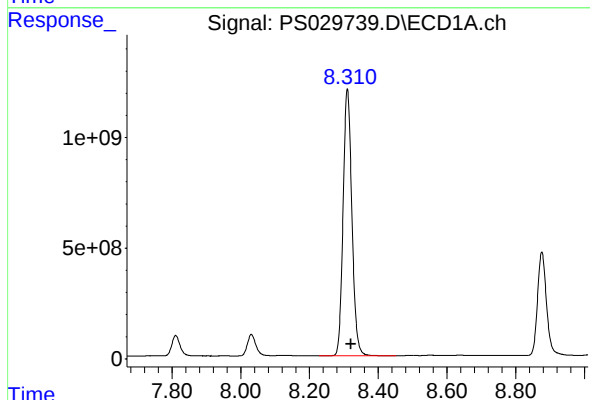
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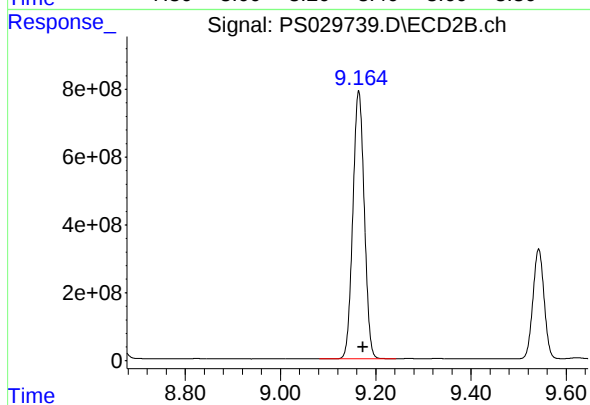
#9 2,4-D

R.T.: 8.663 min
Delta R.T.: -0.008 min
Response: 727921155
Conc: 674.96 ng/ml



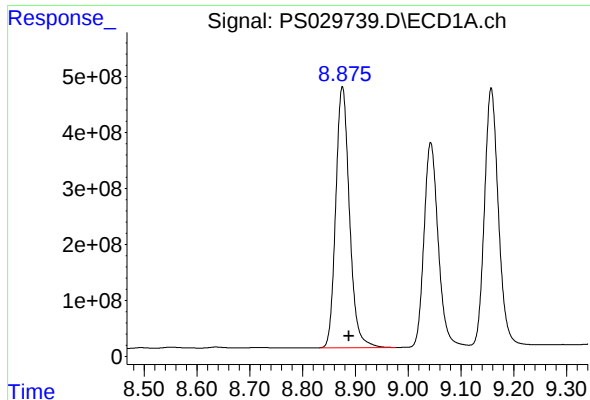
#10 Pentachlorophenol

R.T.: 8.310 min
Delta R.T.: -0.011 min
Response: 21425474191
Conc: 704.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.164 min
Delta R.T.: -0.009 min
Response: 13175021483
Conc: 734.90 ng/ml



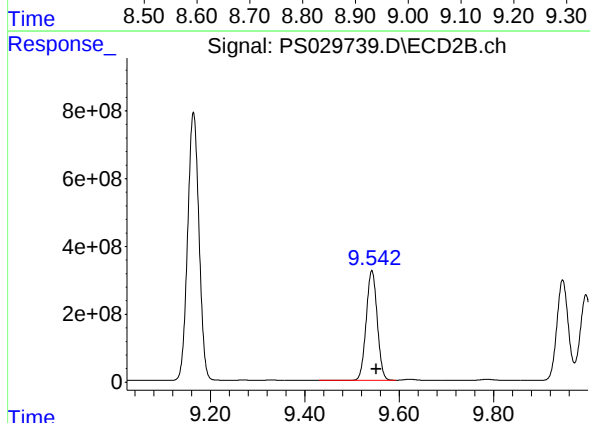
#11 2,4,5-TP (SILVEX)

R.T.: 8.876 min
Delta R.T.: -0.012 min
Response: 8420287425
Conc: 724.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

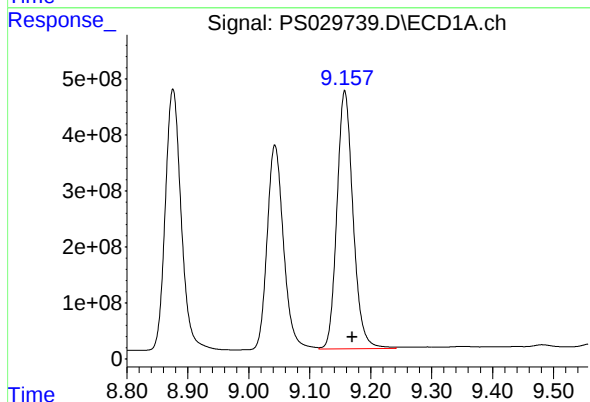
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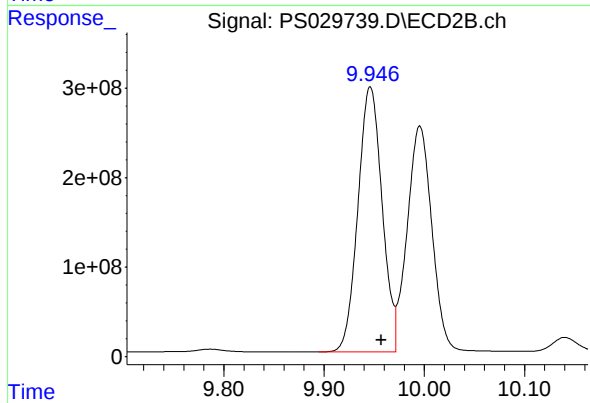
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: -0.009 min
Response: 5257417652
Conc: 728.88 ng/ml



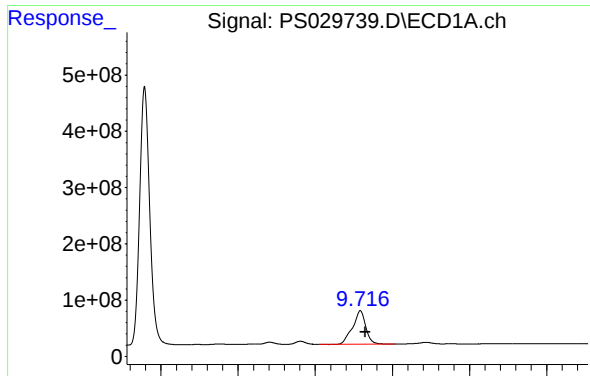
#12 2,4,5-T

R.T.: 9.157 min
Delta R.T.: -0.012 min
Response: 8486312770
Conc: 737.66 ng/ml



#12 2,4,5-T

R.T.: 9.946 min
Delta R.T.: -0.011 min
Response: 4964219386
Conc: 740.61 ng/ml



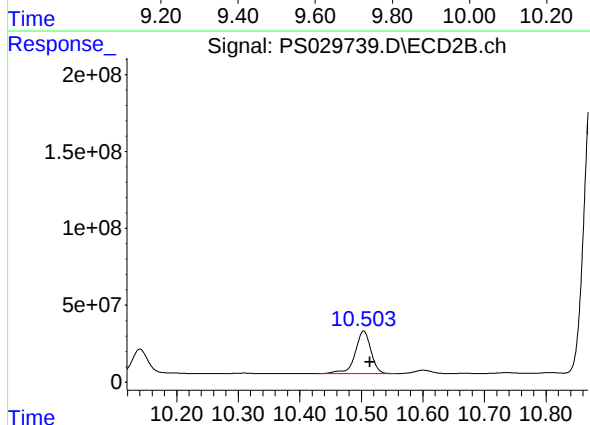
#13 2,4-DB

R.T.: 9.717 min
Delta R.T.: -0.013 min
Response: 1417275543
Conc: 780.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

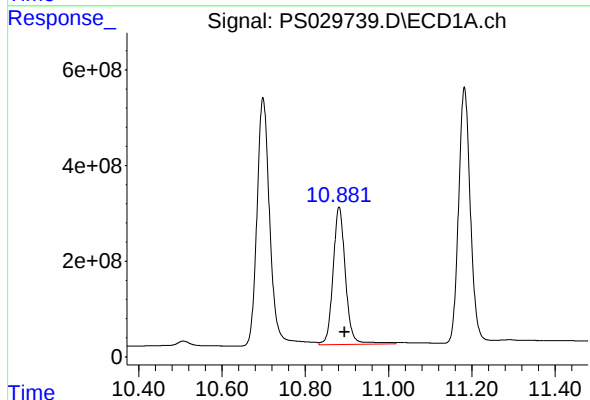
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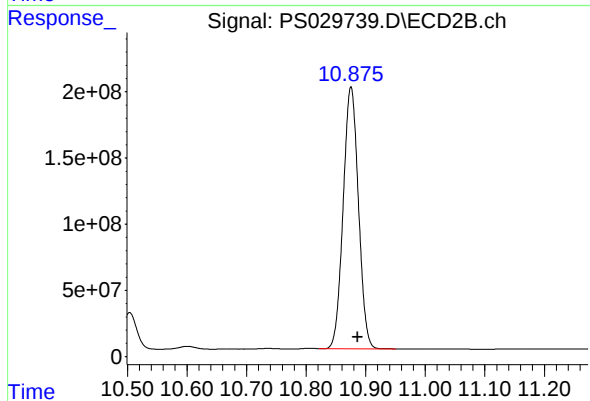
#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 496934220
Conc: 669.74 ng/ml



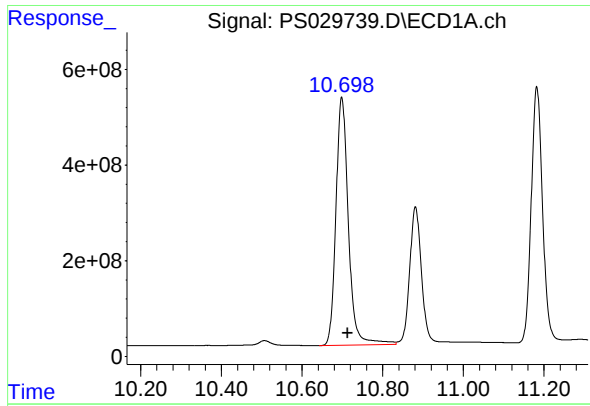
#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: -0.014 min
Response: 5956657982
Conc: 705.59 ng/ml



#14 DINOSEB

R.T.: 10.875 min
Delta R.T.: -0.011 min
Response: 3519670918
Conc: 688.40 ng/ml



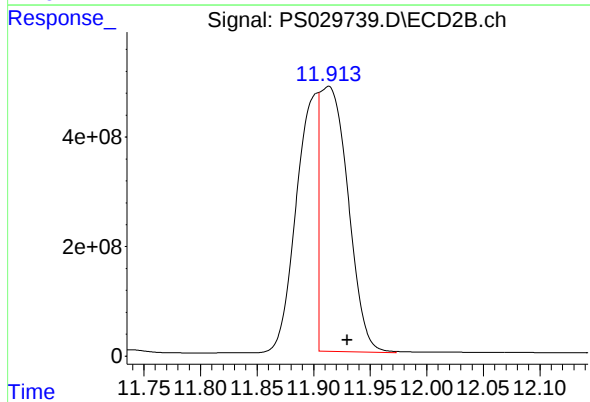
#15 Picloram

R.T.: 10.698 min
Delta R.T.: -0.015 min
Response: 11156637265
Conc: 719.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

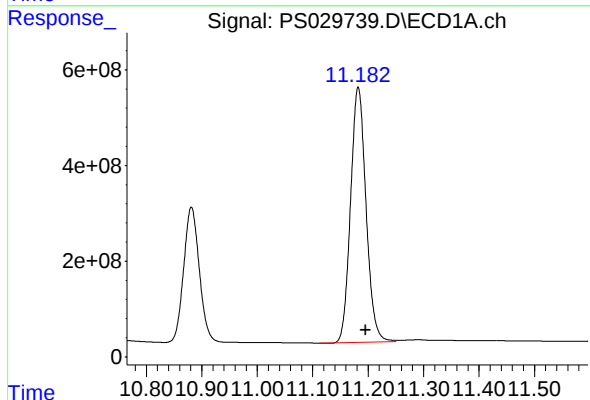
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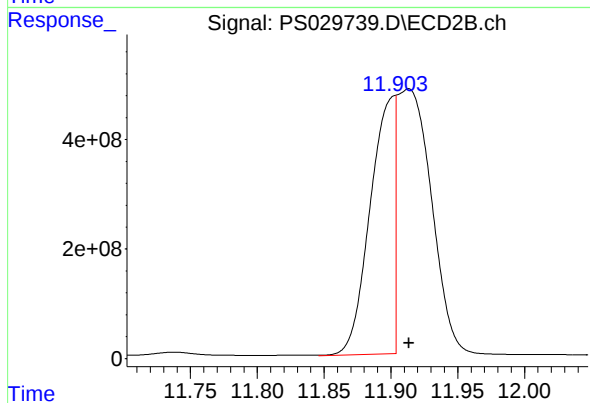
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.016 min
Response: 8254466575
Conc: 698.09 ng/ml m



#16 DCPA

R.T.: 11.182 min
Delta R.T.: -0.013 min
Response: 10315644827
Conc: 738.62 ng/ml



#16 DCPA

R.T.: 11.903 min
Delta R.T.: -0.010 min
Response: 6027995625
Conc: 681.08 ng/ml m