

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042825\
 Data File : PS029971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 21:30
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:39:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.939	7.463	1892.5E6	569.5E6	768.985	808.320
Target Compounds							
1) T	Dalapon	2.450	2.525	2974.0E6	1263.9E6	726.209	727.976
2) T	3,5-DICHL...	6.144	6.460	2577.6E6	741.4E6	721.250	758.378
3) T	4-Nitroph...	6.729	6.997	1257.6E6	558.5E6	705.186	729.131
5) T	DICAMBA	7.116	7.649	7294.9E6	3132.8E6	736.646	793.105
6) T	MCPD	7.295	7.757	482.8E6	128.8E6	74.925	73.642
7) T	MCPA	7.437	7.987	645.8E6	171.5E6	73.126	72.492
8) T	DICHLORPROP	7.796	8.343	1811.3E6	768.8E6	714.750	765.763
9) T	2,4-D	8.016	8.655	2037.4E6	849.6E6	724.323	753.798
10) T	Pentachlo...	8.295	9.156	26215.5E6	16230.1E6	751.485	797.753
11) T	2,4,5-TP ...	8.859	9.535	10313.8E6	6447.9E6	743.991	788.086
12) T	2,4,5-T	9.141	9.940	10522.5E6	6027.6E6	748.767	776.498
13) T	2,4-DB	9.700	10.498	1724.7E6	610.1E6	754.667	758.009
14) T	DINOSEB	10.862	10.872	7316.1E6	4359.7E6	719.136	747.676
15) T	Picloram	10.680	11.906	13079.4E6	9985.8E6	713.529	812.937m
16) T	DCPA	11.163	11.906	12774.6E6	8798.4E6	750.521	780.574m

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

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Acq On : 28 Apr 2025 21:30
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

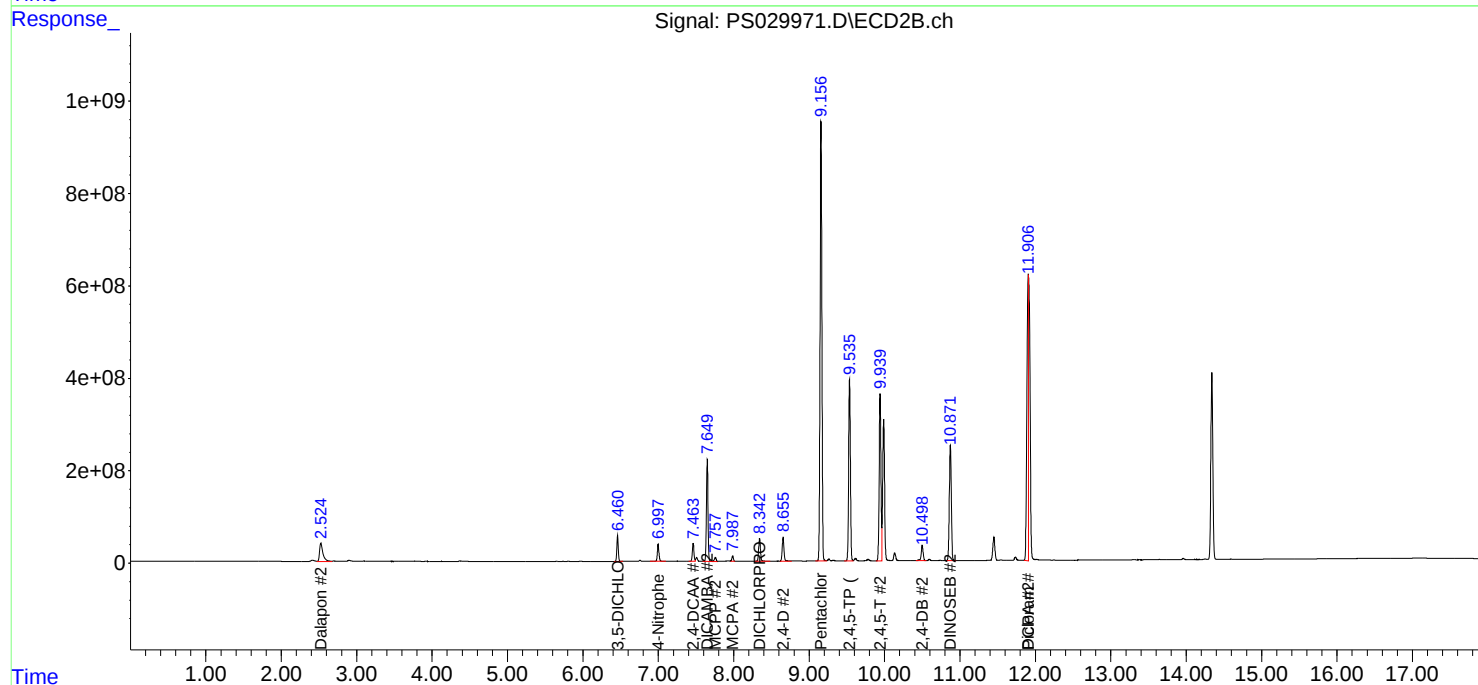
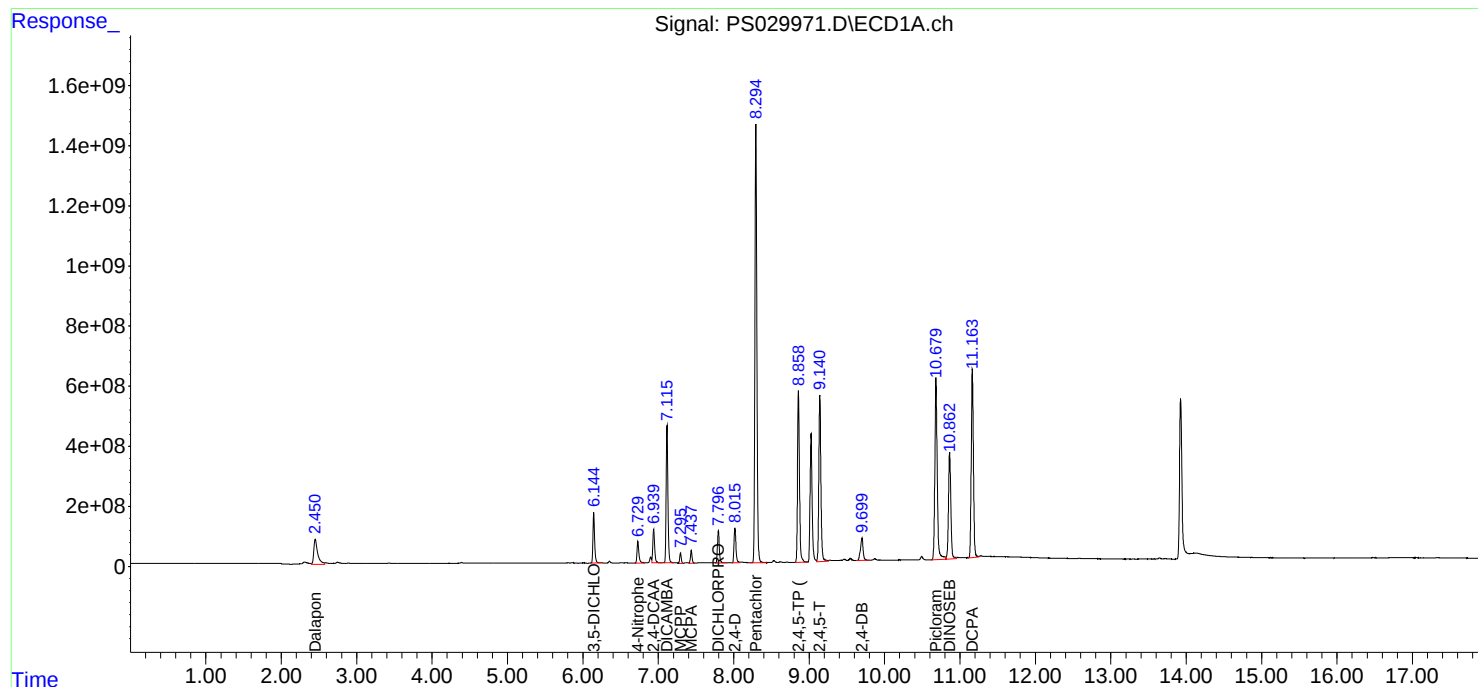
Instrument :
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ClientSampleId :
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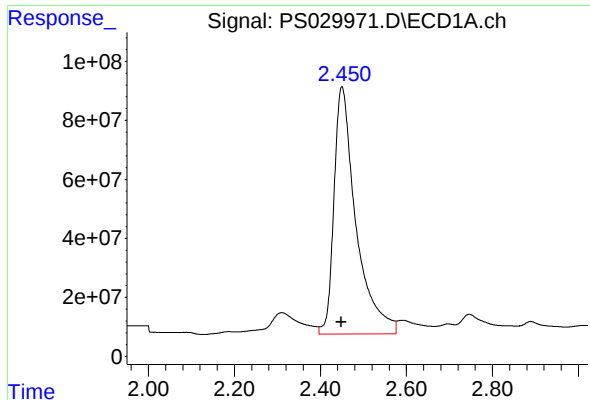
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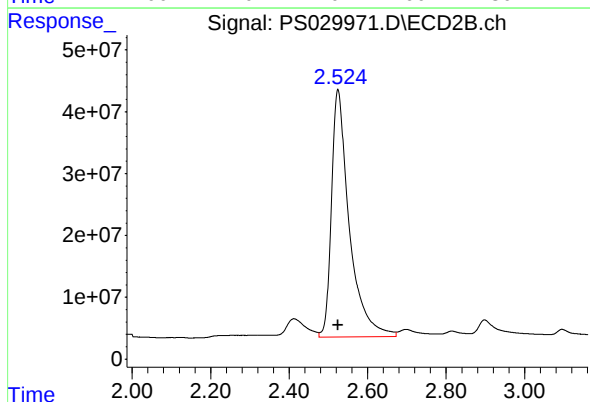
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: 0.002 min
Response: 2974013160
Conc: 726.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

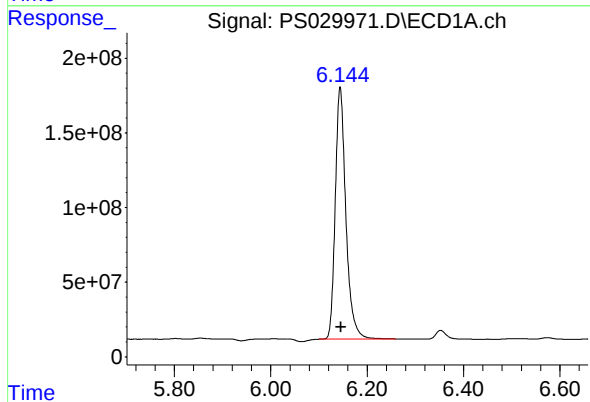
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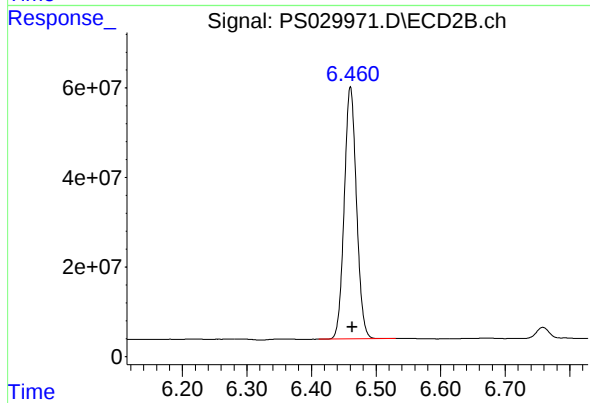
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 1263871080
Conc: 727.98 ng/ml



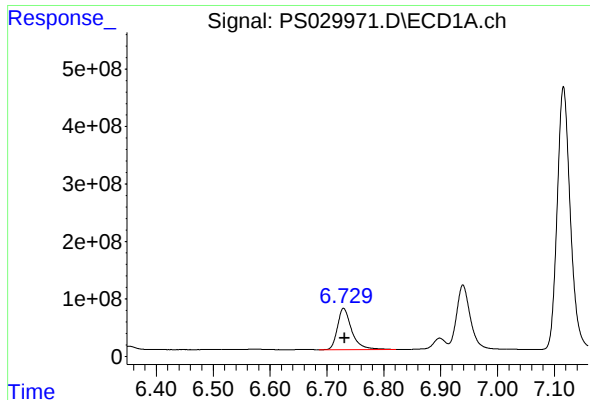
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 2577594071
Conc: 721.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 741374213
Conc: 758.38 ng/ml



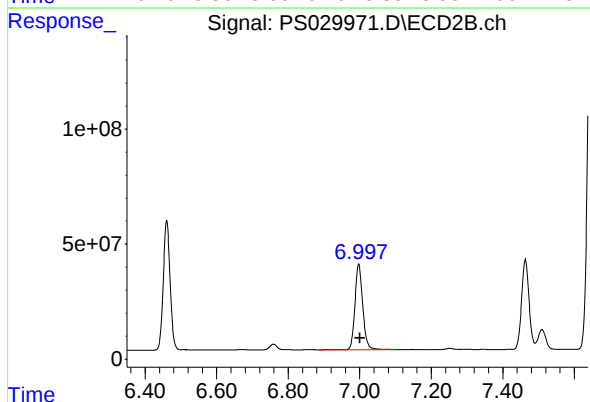
#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 1257572057
Conc: 705.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

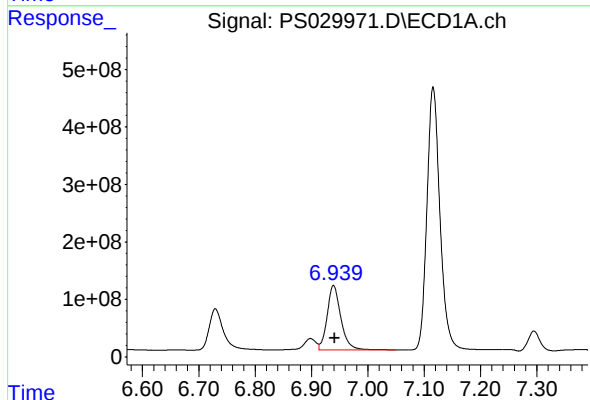
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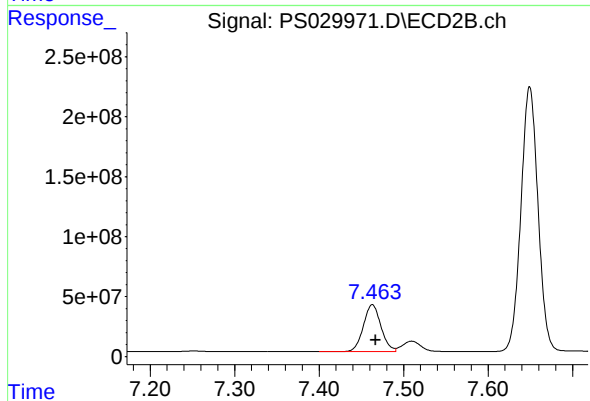
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 558457017
Conc: 729.13 ng/ml



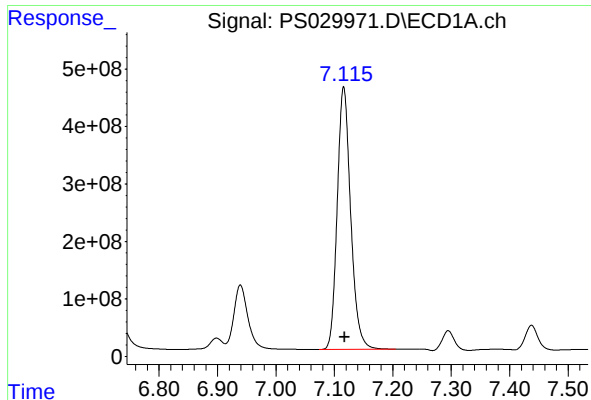
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 1892533820
Conc: 768.99 ng/ml



#4 2,4-DCAA

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 569475041
Conc: 808.32 ng/ml



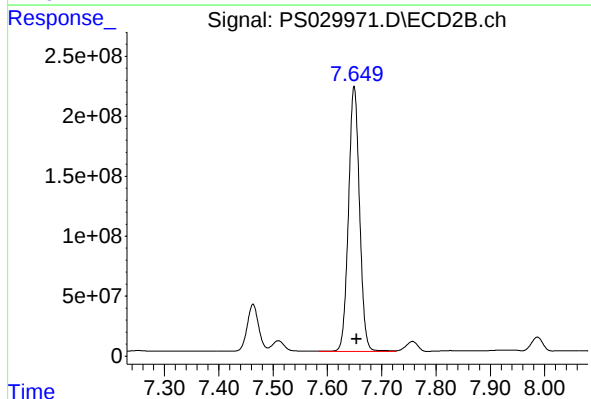
#5 DICAMBA

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 7294903408
Conc: 736.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

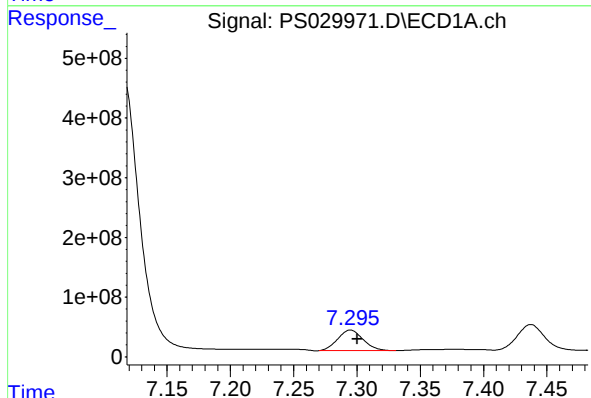
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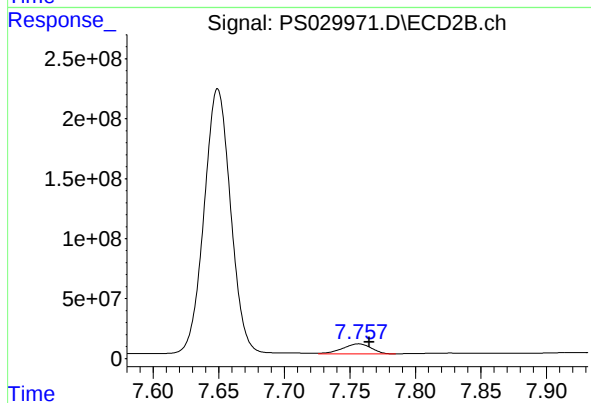
#5 DICAMBA

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 3132815304
Conc: 793.10 ng/ml



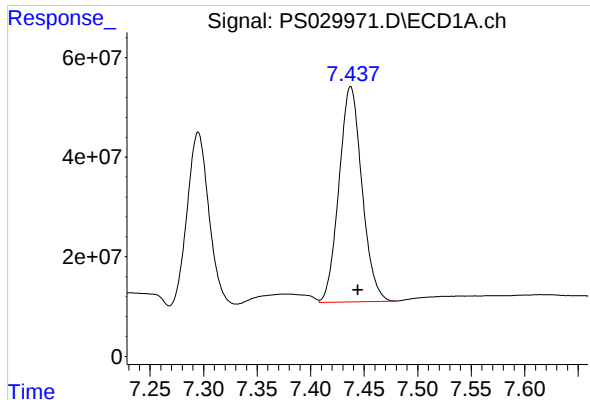
#6 MCPP

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 482787476
Conc: 74.92 ug/ml



#6 MCPP

R.T.: 7.757 min
Delta R.T.: -0.008 min
Response: 128796339
Conc: 73.64 ug/ml



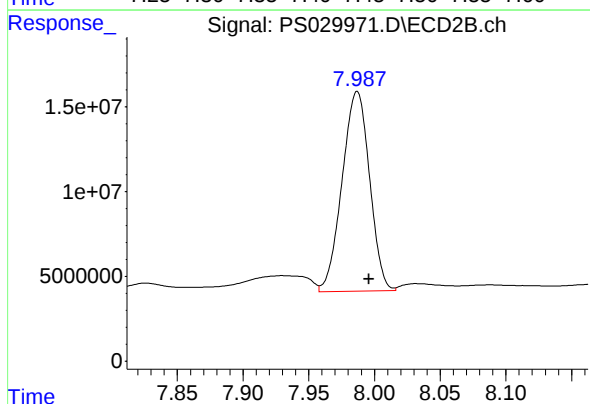
#7 MCPA

R.T.: 7.437 min
Delta R.T.: -0.007 min
Response: 645805137
Conc: 73.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

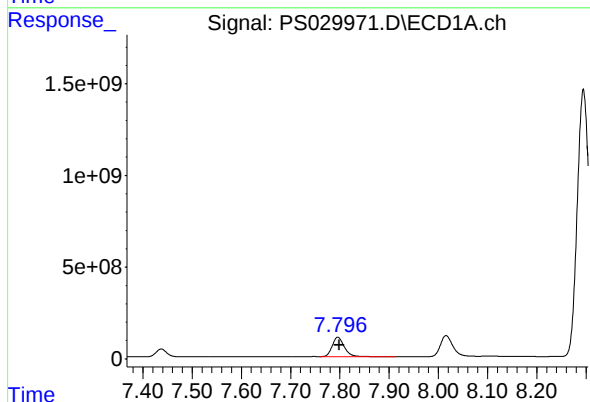
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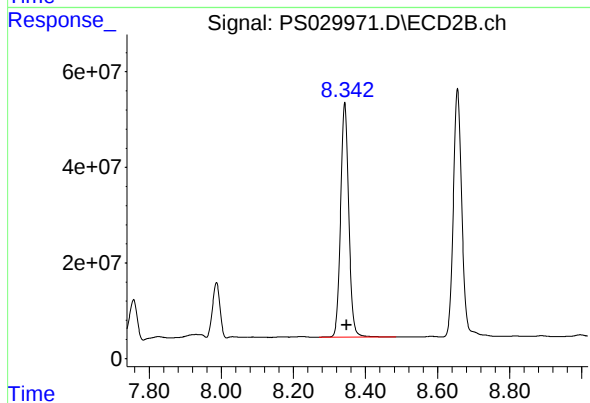
#7 MCPA

R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 171502283
Conc: 72.49 ug/ml



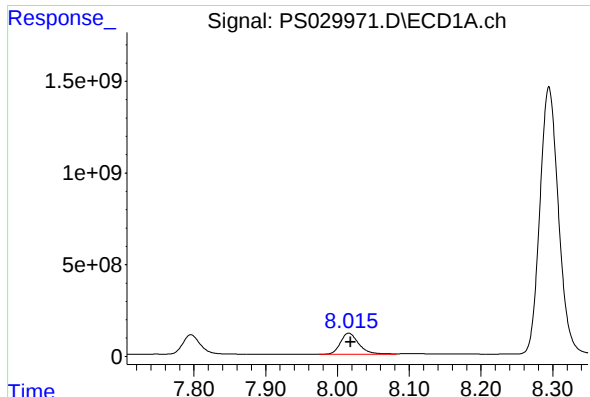
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 1811254097
Conc: 714.75 ng/ml



#8 DICHLORPROP

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 768798871
Conc: 765.76 ng/ml



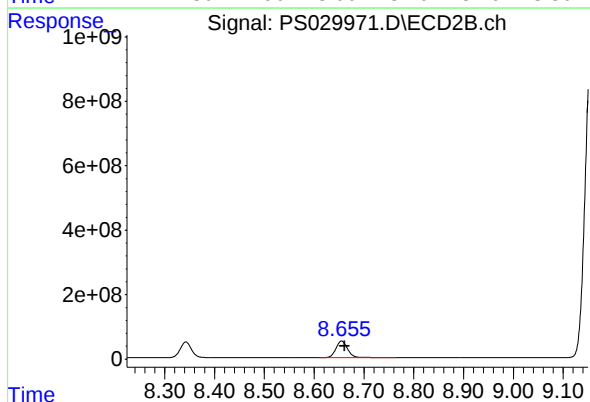
#9 2,4-D

R.T.: 8.016 min
Delta R.T.: -0.003 min
Response: 2037425875
Conc: 724.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

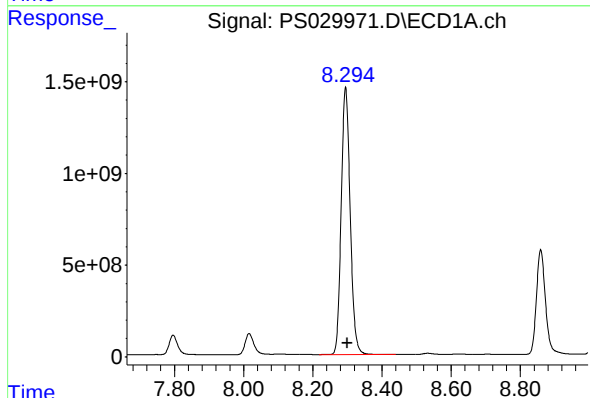
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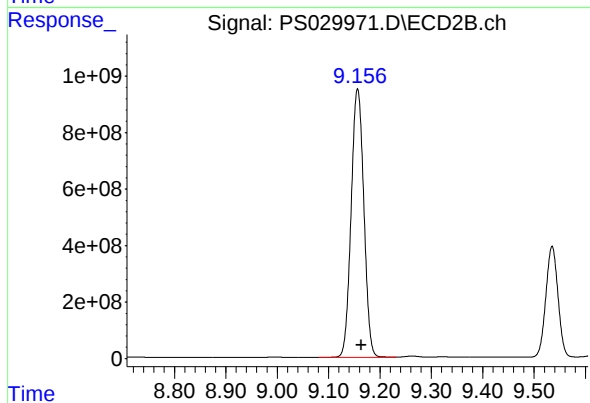
#9 2,4-D

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 849610749
Conc: 753.80 ng/ml



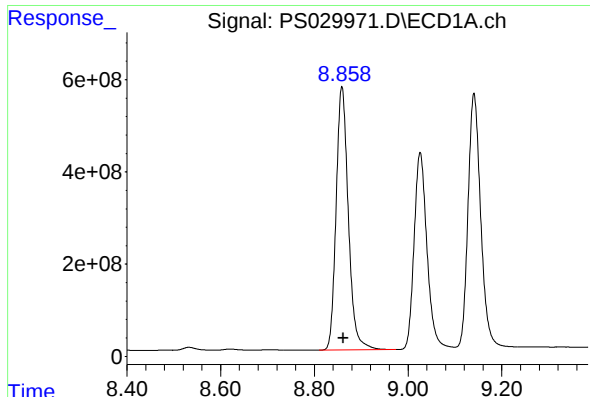
#10 Pentachlorophenol

R.T.: 8.295 min
Delta R.T.: -0.005 min
Response: 26215548354
Conc: 751.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.156 min
Delta R.T.: -0.007 min
Response: 16230132478
Conc: 797.75 ng/ml



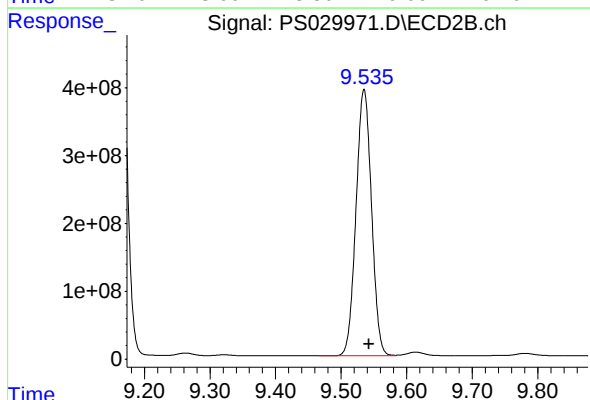
#11 2,4,5-TP (SILVEX)

R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 10313828296
Conc: 743.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

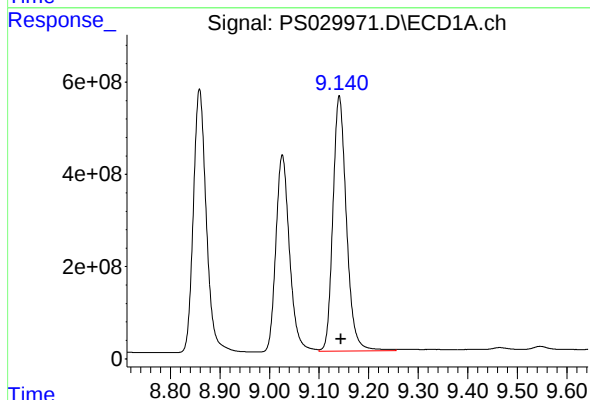
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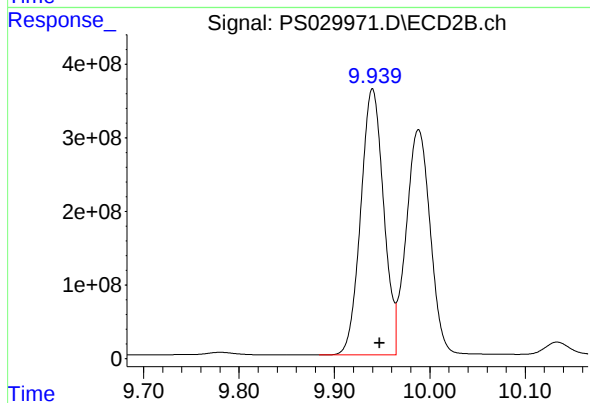
#11 2,4,5-TP (SILVEX)

R.T.: 9.535 min
Delta R.T.: -0.008 min
Response: 6447923359
Conc: 788.09 ng/ml



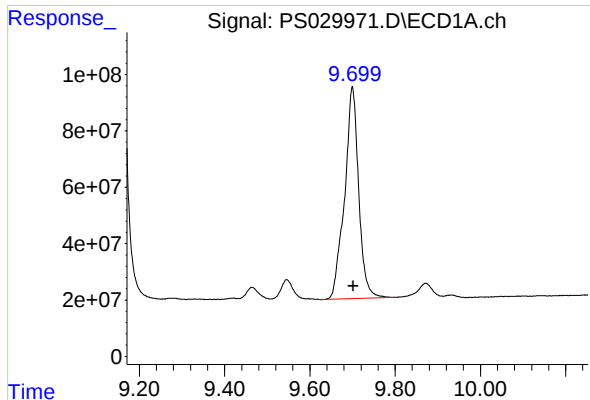
#12 2,4,5-T

R.T.: 9.141 min
Delta R.T.: -0.003 min
Response: 10522496171
Conc: 748.77 ng/ml



#12 2,4,5-T

R.T.: 9.940 min
Delta R.T.: -0.007 min
Response: 6027641578
Conc: 776.50 ng/ml



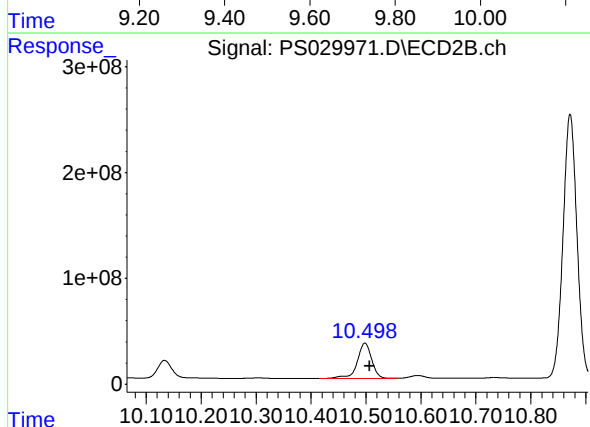
#13 2,4-DB

R.T.: 9.700 min
Delta R.T.: -0.002 min
Response: 1724681881
Conc: 754.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
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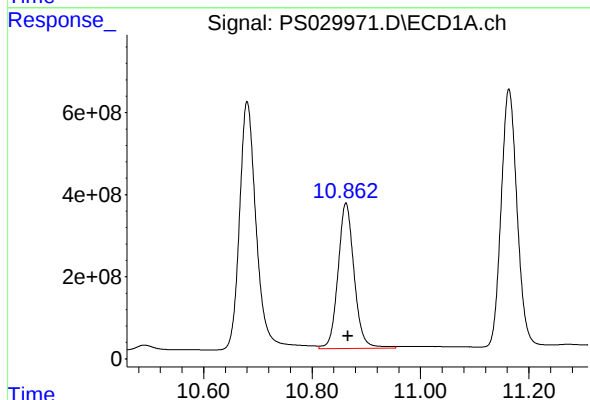
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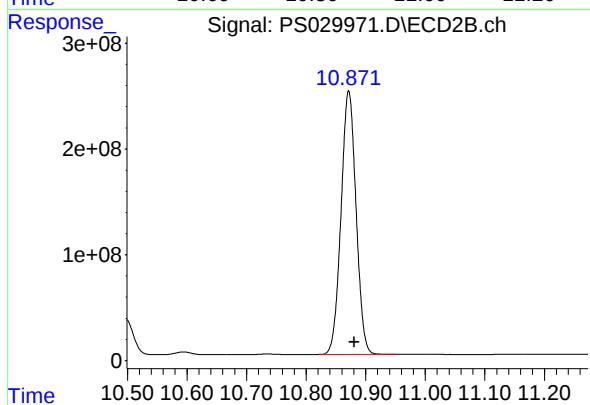
#13 2,4-DB

R.T.: 10.498 min
Delta R.T.: -0.008 min
Response: 610078035
Conc: 758.01 ng/ml



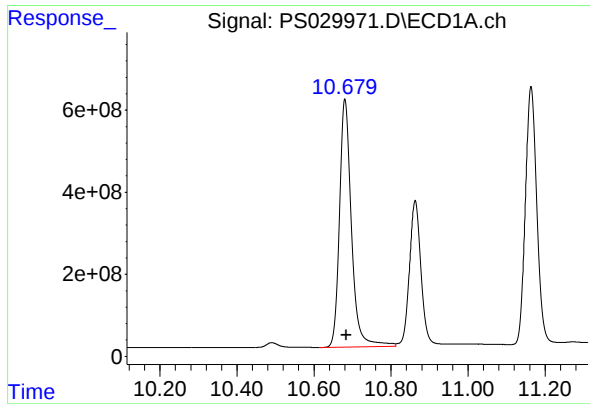
#14 DINOSEB

R.T.: 10.862 min
Delta R.T.: -0.003 min
Response: 7316074327
Conc: 719.14 ng/ml



#14 DINOSEB

R.T.: 10.872 min
Delta R.T.: -0.010 min
Response: 4359686363
Conc: 747.68 ng/ml



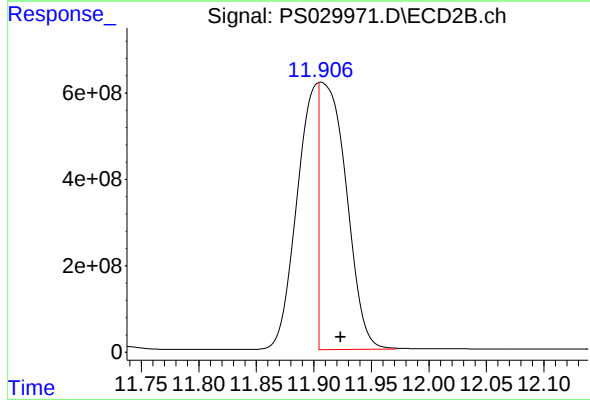
#15 Picloram

R.T.: 10.680 min
Delta R.T.: -0.004 min
Response: 13079433950
Conc: 713.53 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

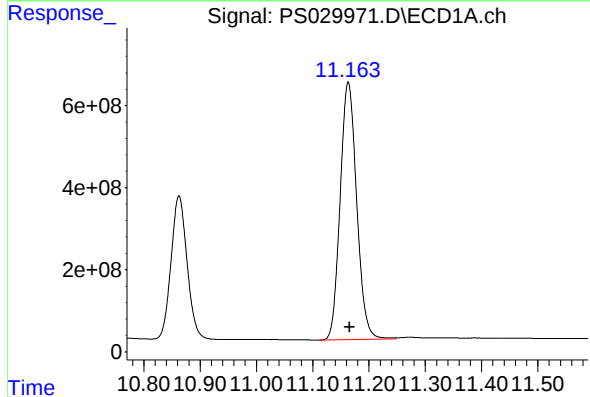
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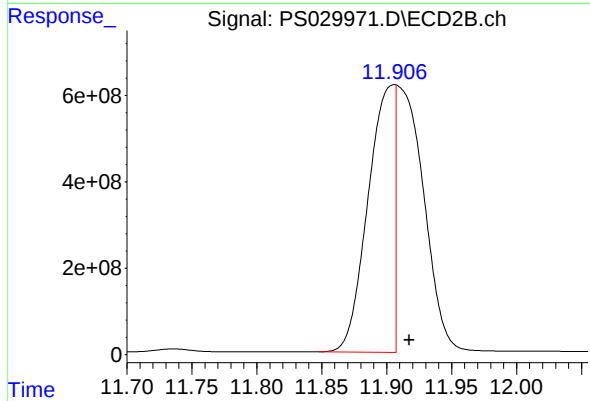
#15 Picloram

R.T.: 11.906 min
Delta R.T.: -0.017 min
Response: 9985830653
Conc: 812.94 ng/ml m



#16 DCPA

R.T.: 11.163 min
Delta R.T.: -0.003 min
Response: 12774621898
Conc: 750.52 ng/ml



#16 DCPA

R.T.: 11.906 min
Delta R.T.: -0.011 min
Response: 8798358489
Conc: 780.57 ng/ml m