

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061025\
 Data File : PS030599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 17:12
 Operator : AR\AJ
 Sample : PB168375BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168375BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/11/2025
 Supervised By :mohammad ahmed 06/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 01:37:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.769	1242.0E6	357.8E6	328.993m	332.628
Target Compounds							
1) T	Dalapon	2.716	2.711	1713.3E6	805.1E6	303.407	293.823
2) T	3,5-DICHL...	6.516	6.714	1698.8E6	478.7E6	313.070	306.018
3) T	4-Nitroph...	7.159	7.299	526.2E6	474.0E6	286.942	302.466
5) T	DICAMBA	7.550	7.972	4795.9E6	1952.1E6	310.968	303.043
6) T	MCPD	7.730	8.068	255.5E6	61472080	25.795m	26.593
7) T	MCPA	7.880	8.316	329.5E6	68820850	25.963	22.302
8) T	DICHLORPROP	8.266	8.691	1156.5E6	456.1E6	317.871	307.302
9) T	2,4-D	8.499	9.027	1072.1E6	485.8E6	294.236	308.992
10) T	Pentachlo...	8.807	9.553	17195.0E6	11299.5E6	338.576	312.676
11) T	2,4,5-TP ...	9.389	9.935	6384.8E6	4186.9E6	308.966	305.242
12) T	2,4,5-T	9.684	10.360	5159.5E6	3942.1E6	279.933	301.912
13) T	2,4-DB	10.264	10.927	765.5E6	341.7E6	252.095	297.261
14) T	DINOSEB	11.485	11.313	4371.2E6	3028.2E6	304.087	301.311
15) T	Picloram	11.291	12.420	4633.7E6	5774.4E6	231.631m	261.477
16) T	DCPA	11.780	12.357	8417.7E6	6405.5E6	318.367	313.031

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

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Acq On : 10 Jun 2025 17:12
Operator : AR\AJ
Sample : PB168375BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

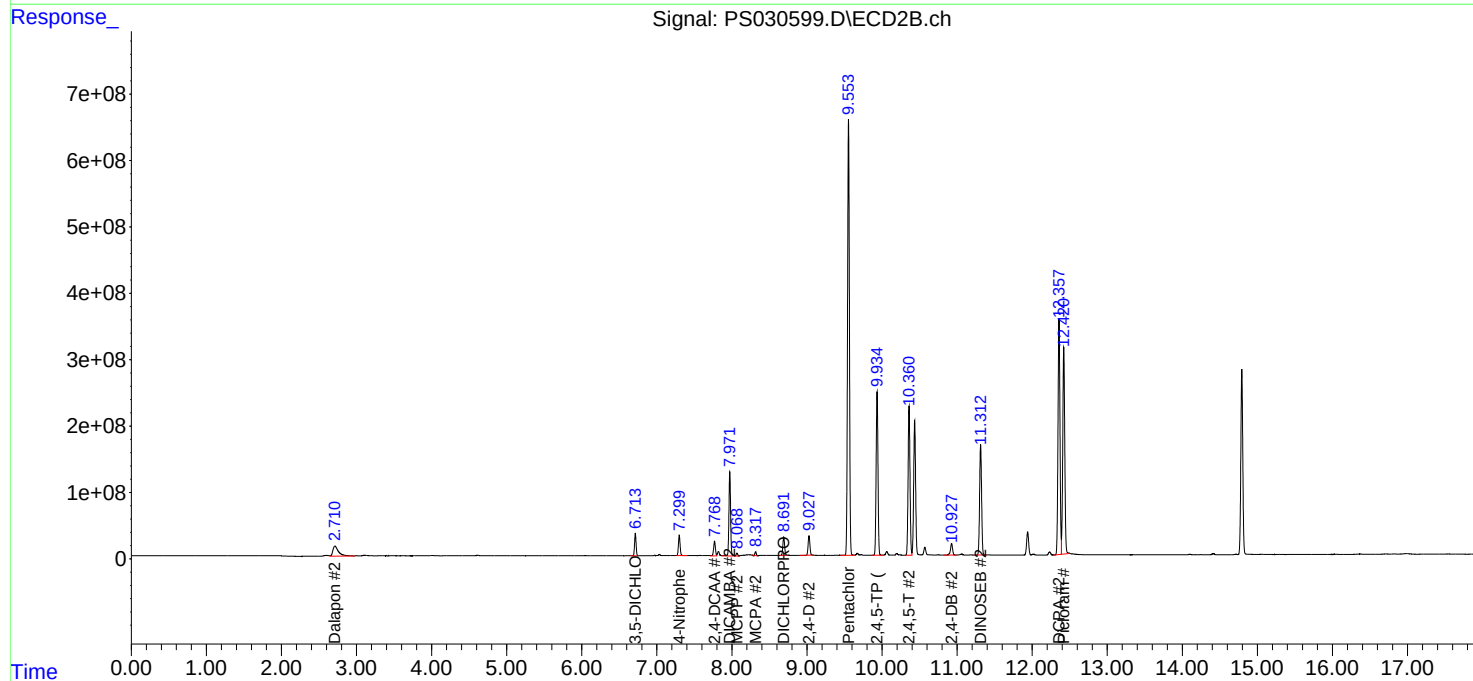
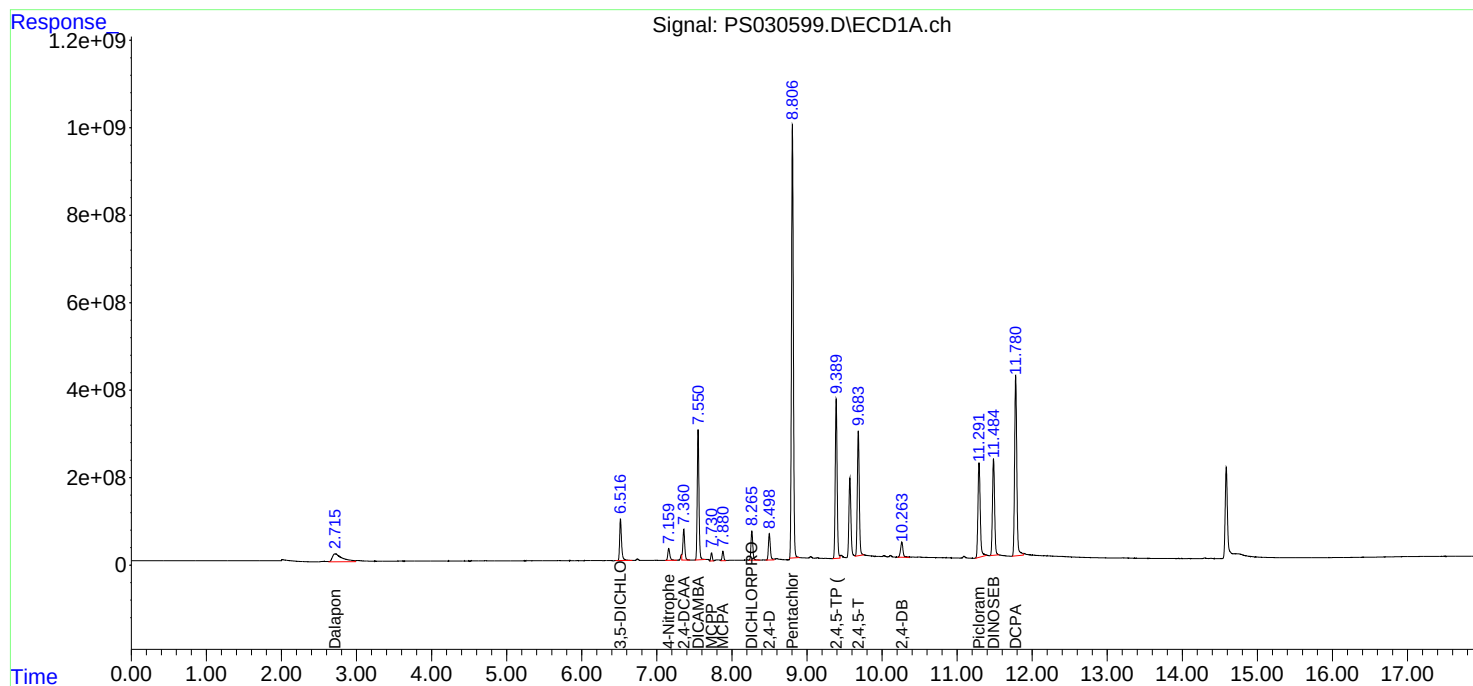
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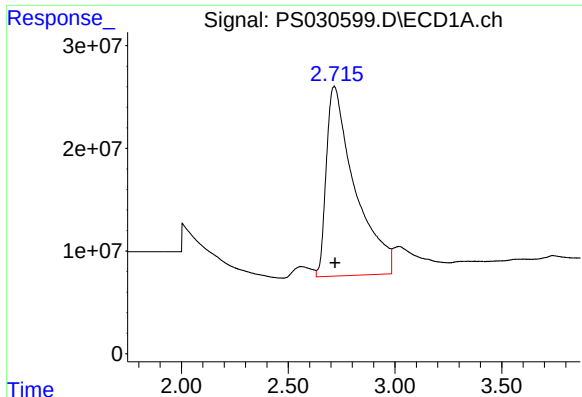
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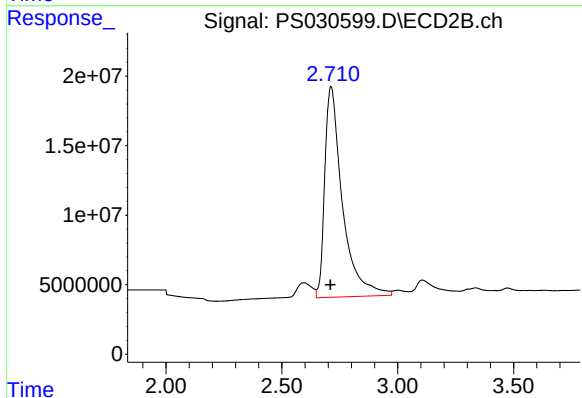
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 1713331557
Conc: 303.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

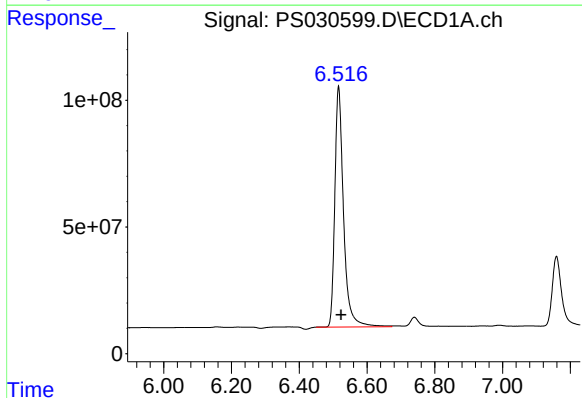
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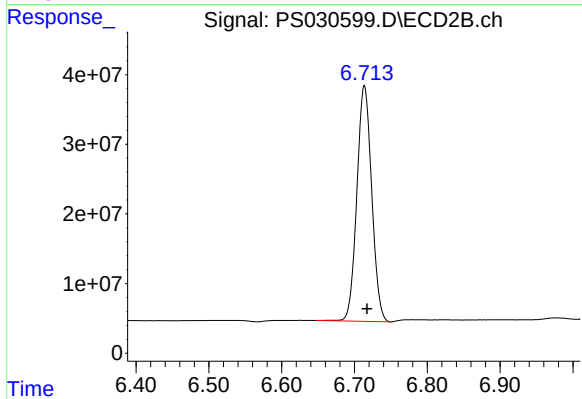
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 805080311
Conc: 293.82 ng/ml



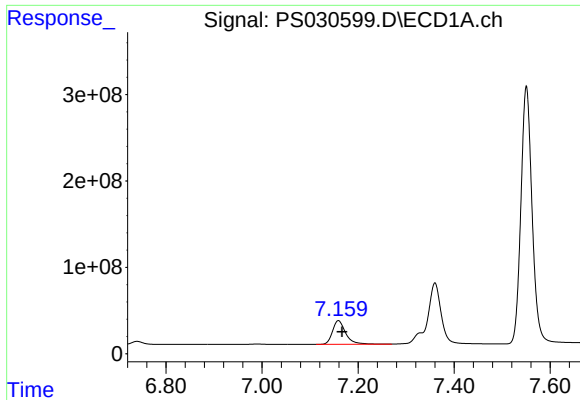
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.516 min
Delta R.T.: -0.008 min
Response: 1698828528
Conc: 313.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 478688513
Conc: 306.02 ng/ml



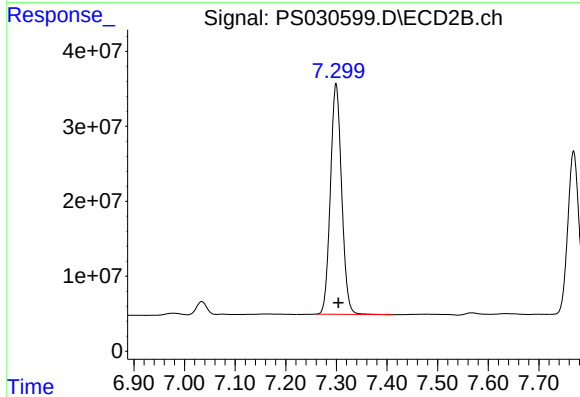
#3 4-Nitrophenol

R.T.: 7.159 min
Delta R.T.: -0.008 min
Response: 526181824
Conc: 286.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

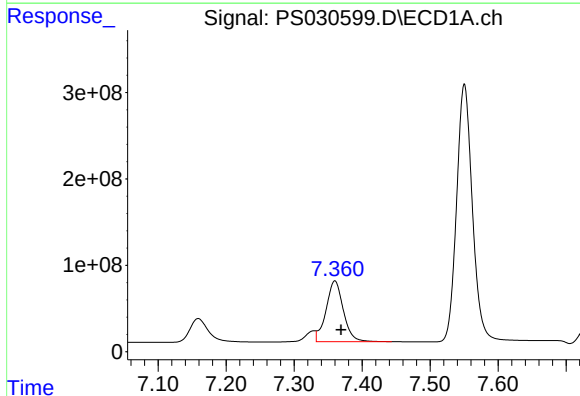
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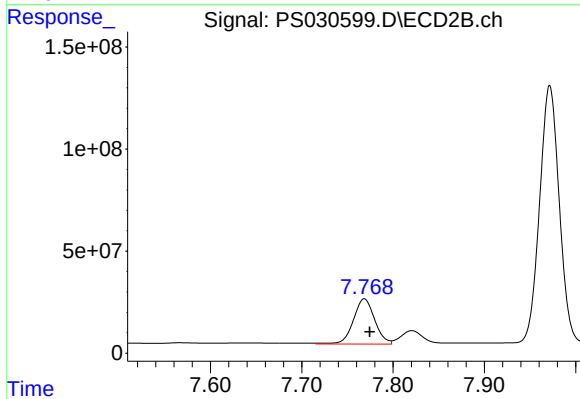
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 474037418
Conc: 302.47 ng/ml



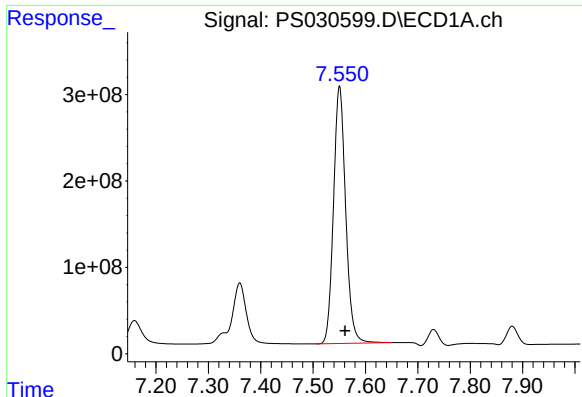
#4 2,4-DCAA

R.T.: 7.360 min
Delta R.T.: -0.009 min
Response: 1241997951
Conc: 328.99 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 357777849
Conc: 332.63 ng/ml



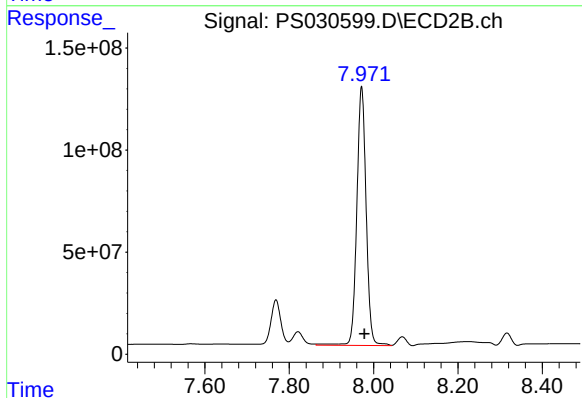
#5 DICAMBA

R.T.: 7.550 min
Delta R.T.: -0.011 min
Response: 4795921979
Conc: 310.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

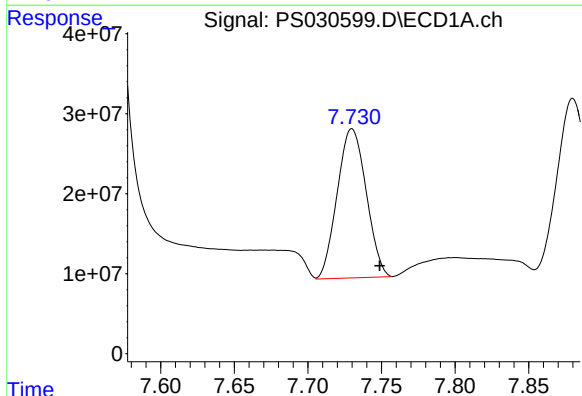
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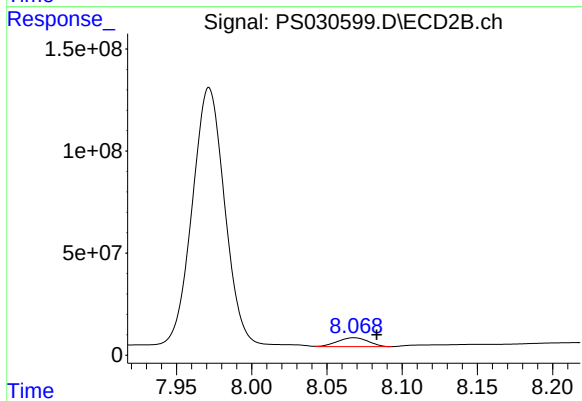
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: -0.007 min
Response: 1952097609
Conc: 303.04 ng/ml



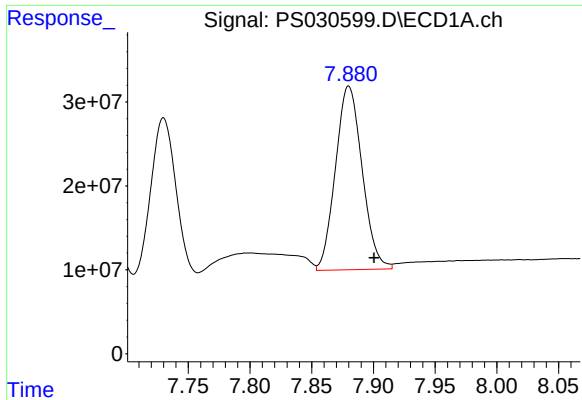
#6 MCPP

R.T.: 7.730 min
Delta R.T.: -0.019 min
Response: 255493587
Conc: 25.79 ug/ml m



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.015 min
Response: 61472080
Conc: 26.59 ug/ml



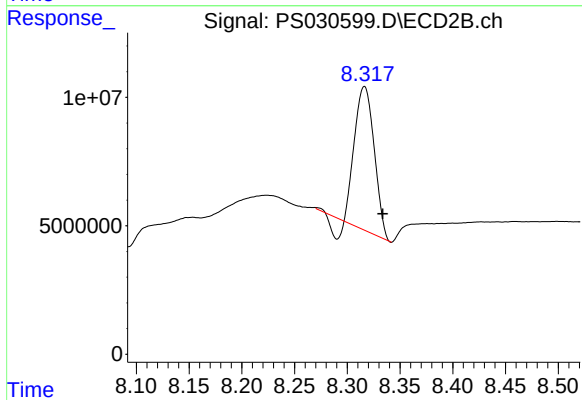
#7 MCPA

R.T.: 7.880 min
Delta R.T.: -0.021 min
Response: 329452124
Conc: 25.96 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

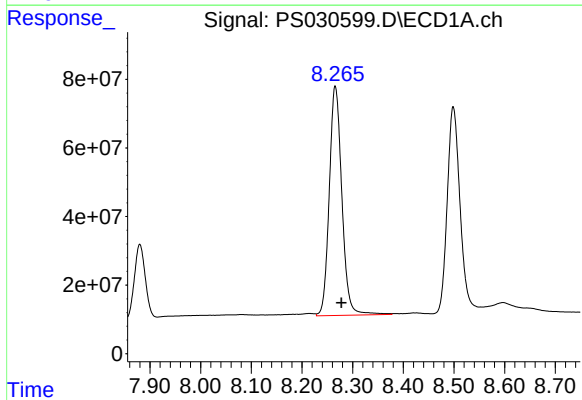
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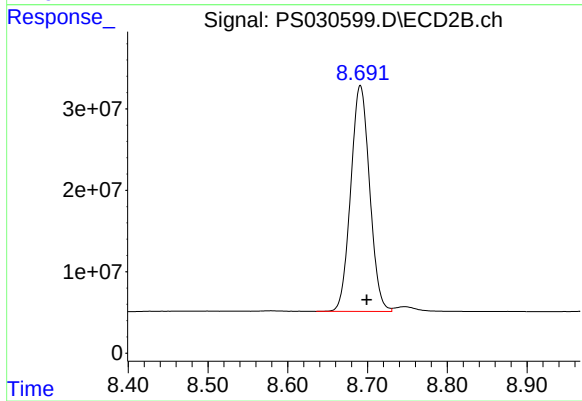
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.017 min
Response: 68820850
Conc: 22.30 ug/ml



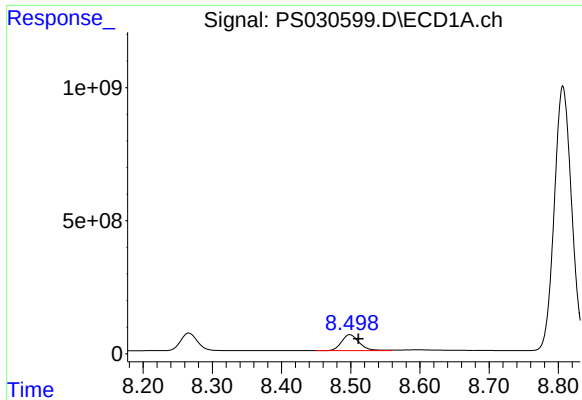
#8 DICHLORPROP

R.T.: 8.266 min
Delta R.T.: -0.013 min
Response: 1156459803
Conc: 317.87 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: -0.008 min
Response: 456098478
Conc: 307.30 ng/ml



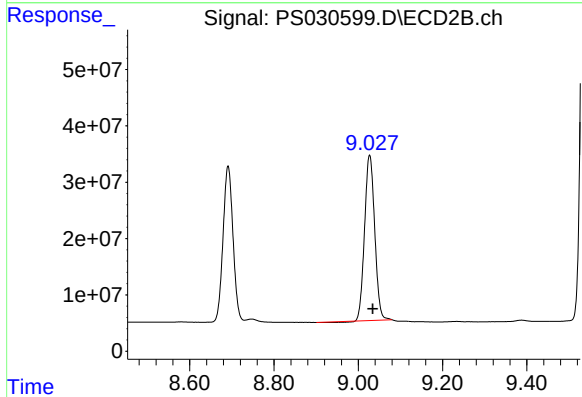
#9 2,4-D

R.T.: 8.499 min
Delta R.T.: -0.013 min
Response: 1072082643
Conc: 294.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

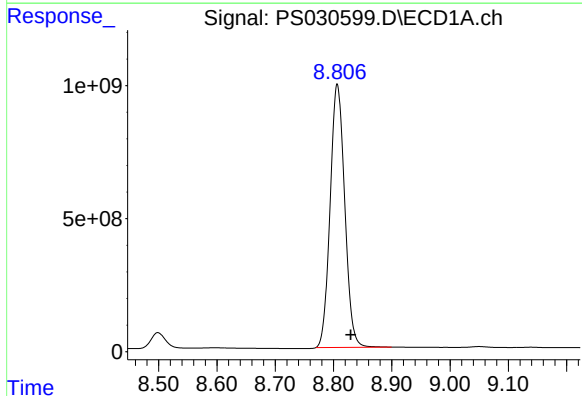
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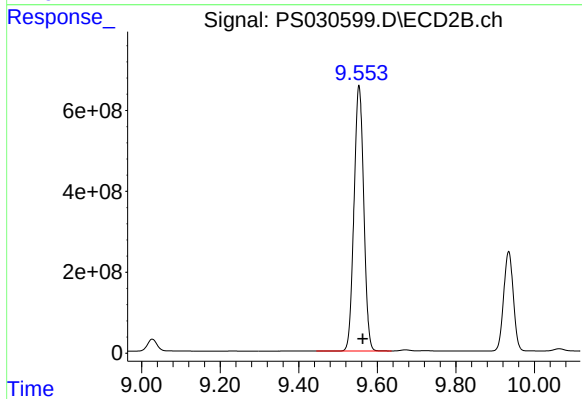
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: -0.008 min
Response: 485833798
Conc: 308.99 ng/ml



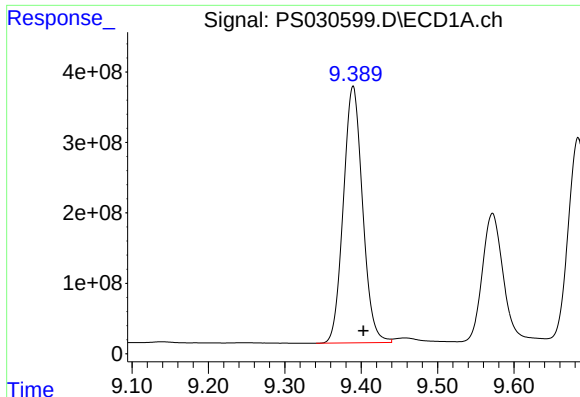
#10 Pentachlorophenol

R.T.: 8.807 min
Delta R.T.: -0.023 min
Response: 17195004781
Conc: 338.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min
Delta R.T.: -0.009 min
Response: 11299495415
Conc: 312.68 ng/ml



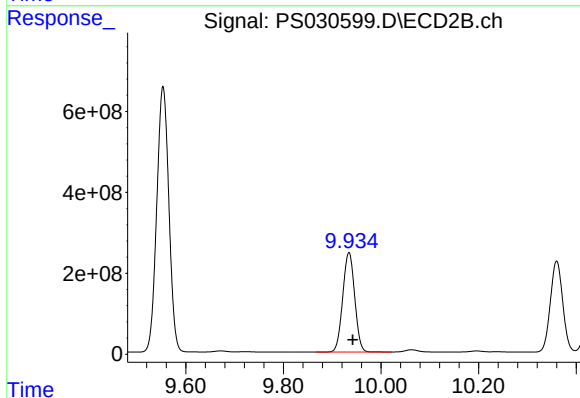
#11 2,4,5-TP (SILVEX)

R.T.: 9.389 min
Delta R.T.: -0.014 min
Response: 6384815349
Conc: 308.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

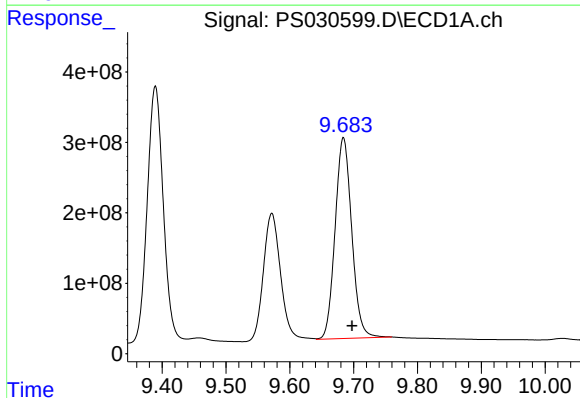
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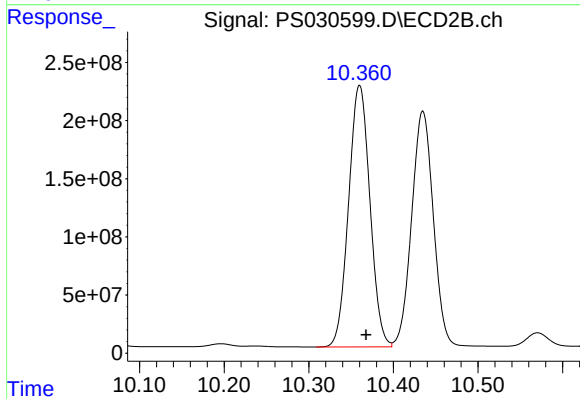
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: -0.008 min
Response: 4186928576
Conc: 305.24 ng/ml



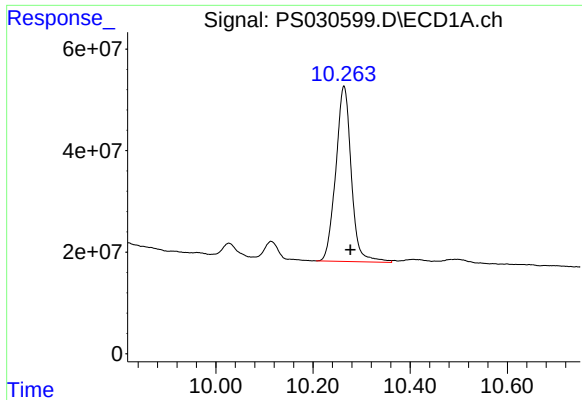
#12 2,4,5-T

R.T.: 9.684 min
Delta R.T.: -0.013 min
Response: 5159469605
Conc: 279.93 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: -0.008 min
Response: 3942106702
Conc: 301.91 ng/ml



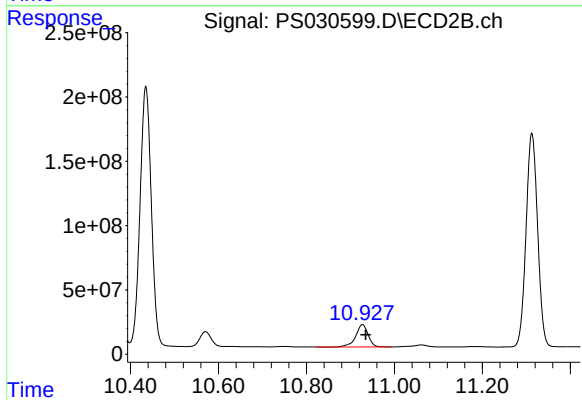
#13 2,4-DB

R.T.: 10.264 min
Delta R.T.: -0.014 min
Response: 765451411
Conc: 252.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

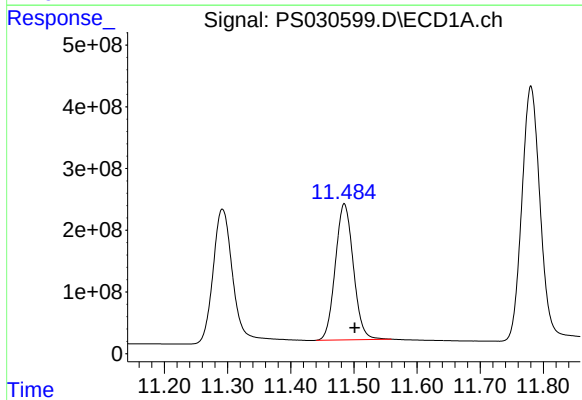
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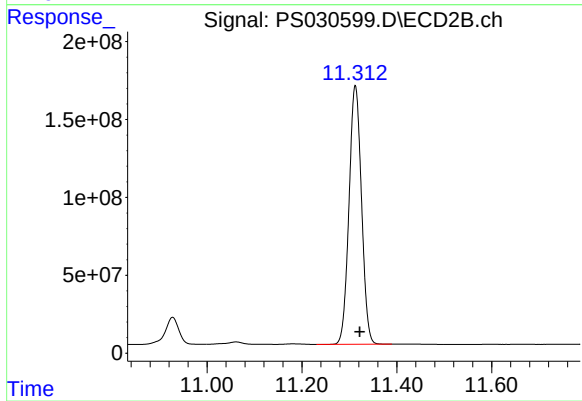
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: -0.008 min
Response: 341717117
Conc: 297.26 ng/ml



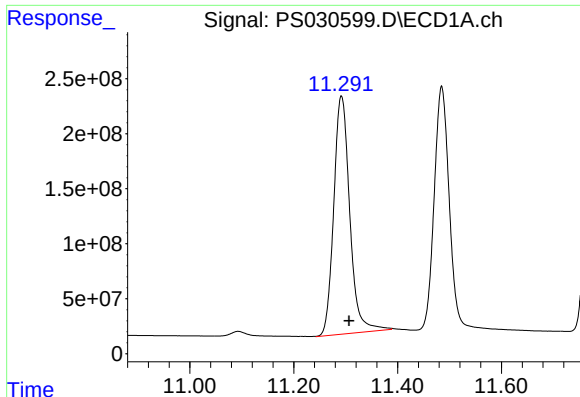
#14 DINOSEB

R.T.: 11.485 min
Delta R.T.: -0.017 min
Response: 4371232673
Conc: 304.09 ng/ml



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: -0.009 min
Response: 3028206416
Conc: 301.31 ng/ml



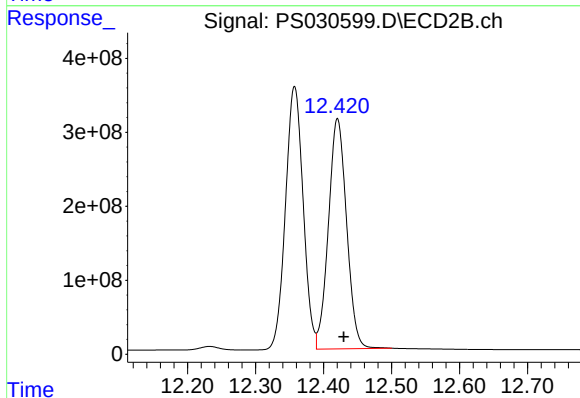
#15 Picloram

R.T.: 11.291 min
Delta R.T.: -0.015 min
Response: 4633726402
Conc: 231.63 ng/ml

Instrument :
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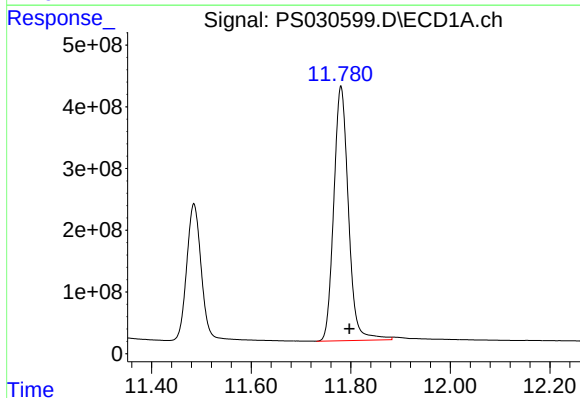
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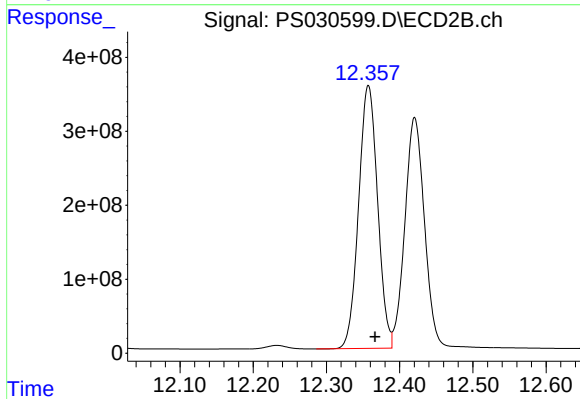
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.009 min
Response: 5774423965
Conc: 261.48 ng/ml



#16 DCPA

R.T.: 11.780 min
Delta R.T.: -0.017 min
Response: 8417651309
Conc: 318.37 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: -0.009 min
Response: 6405530158
Conc: 313.03 ng/ml