

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080824\
 Data File : PS027337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2024 12:13
 Operator : AR\AJ
 Sample : P3464-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TOPSOILMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/12/2024
 Supervised By : Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 05:11:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080524.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 06 08:10:22 2024
 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	7.181	7.760	1434.8E6	929.8E6	570.452	499.978
Target Compounds							
1) T	Dalapon	2.607	2.710	723.9E6	1176.7E6	221.519m	352.655m#
2) T	3,5-DICHL...	6.361	6.714	1967.6E6	1229.8E6	494.155	448.736
3) T	4-Nitroph...	6.980	7.288	655.5E6	557.7E6	433.569	445.764
5) T	DICAMBA	7.363	7.958	4773.0E6	3842.9E6	432.475	446.148
6) T	MCP P	7.540	8.058	326.3E6	244.1E6	42.873	42.859
7) T	MCPA	7.686	8.301	434.0E6	332.8E6	44.792	44.056
8) T	DICHLORPROP	8.057	8.670	1271.9E6	983.9E6	480.712	470.634m
9) T	2,4-D	8.283	8.999	1515.7E6	1182.6E6	531.629	507.626m
10) T	Pentachlo...	8.574	9.527	22671.4E6	17062.3E6	573.536	536.093
11) T	2,4,5-TP ...	9.146	9.900	7715.1E6	6039.2E6	508.684	472.880
12) T	2,4,5-T	9.435	10.319	6613.7E6	5743.1E6	452.817m	455.469
13) T	2,4-DB	10.004	10.884	831.6E6	758.2E6	405.470m	479.642
14) T	DINOSEB	11.192	11.262	4919.6E6	3697.5E6	441.405m	434.122
15) T	Picloram	11.009	12.354	7148.9E6	6502.1E6	370.788	360.403
16) T	DCPA	11.488	12.303	7900.6E6	7049.4E6	437.350	506.916

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

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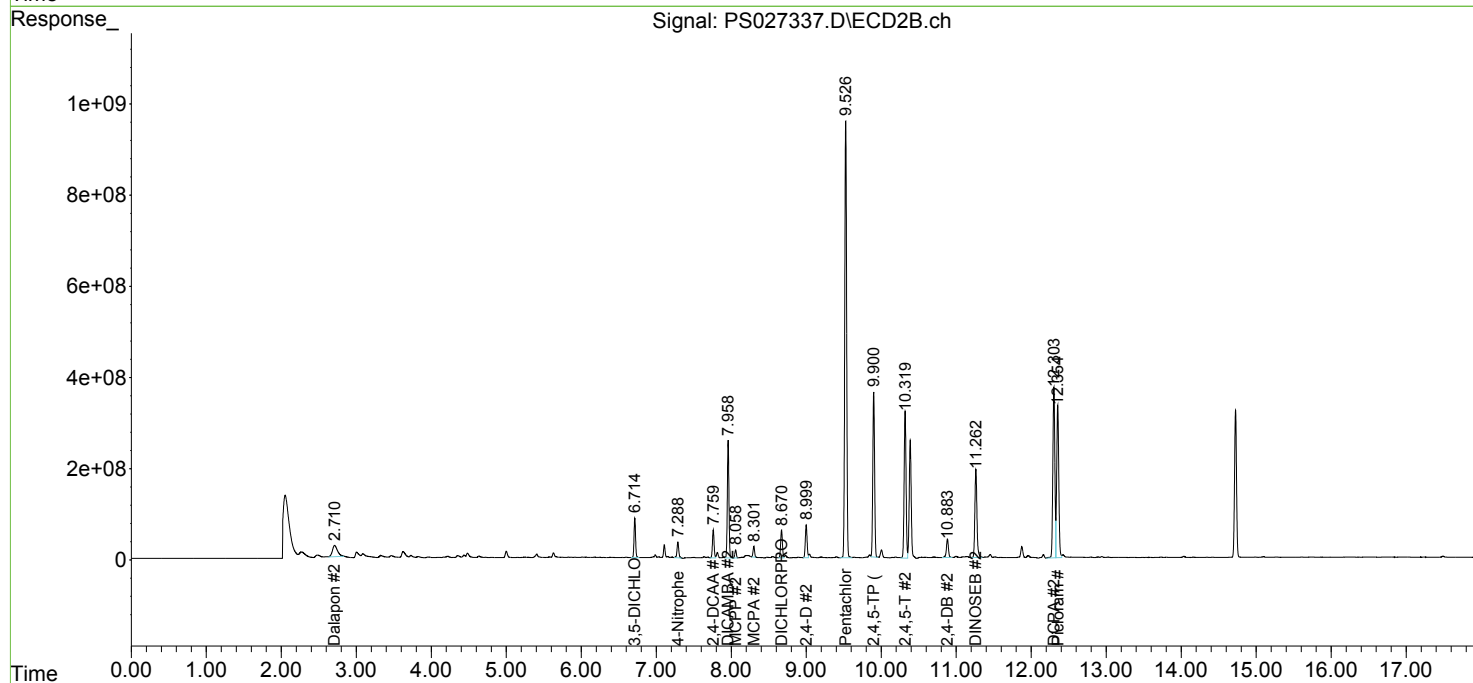
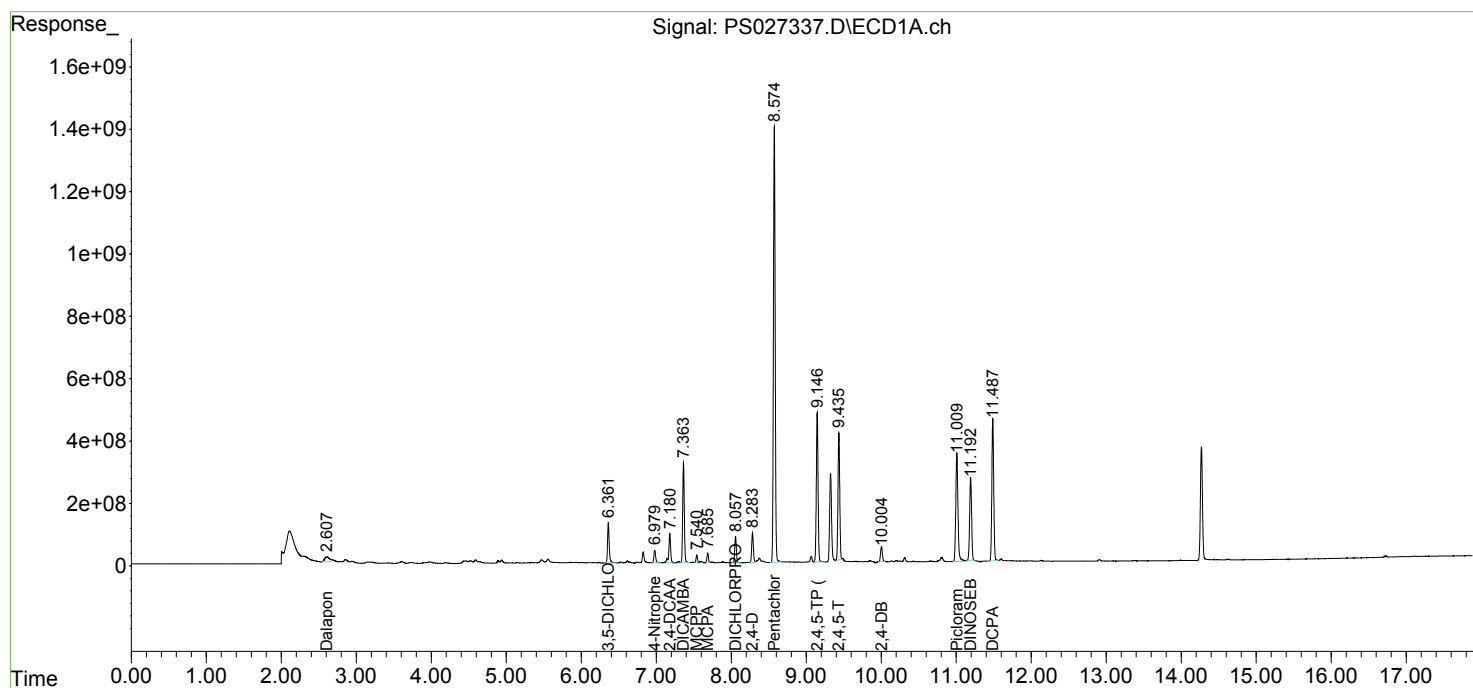
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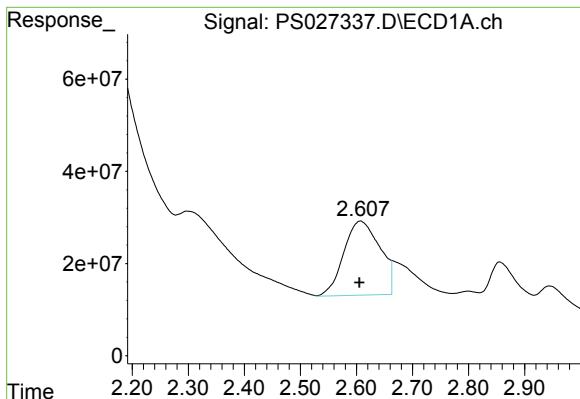
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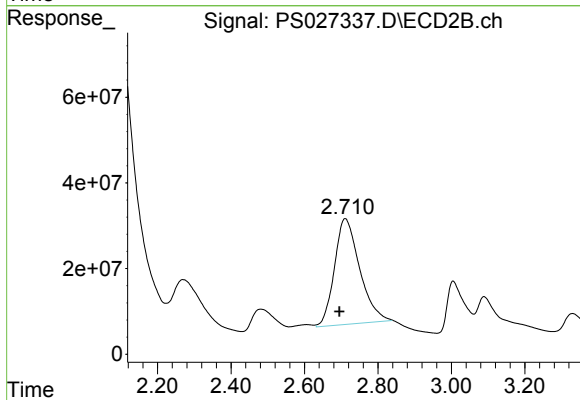
#1 Dalapon

R.T.: 2.607 min
Delta R.T.: 0.002 min
Response: 723929382
Conc: 221.52 ng/ml

Instrument :
ECD_S
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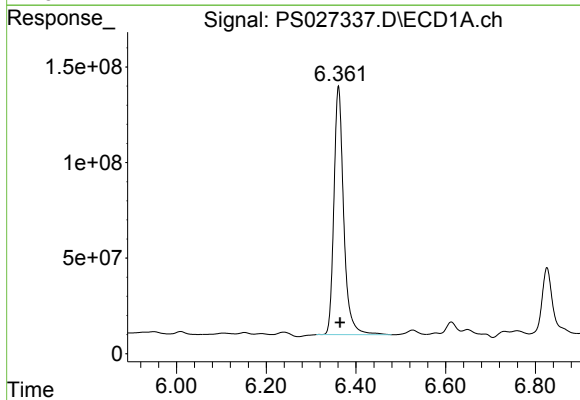
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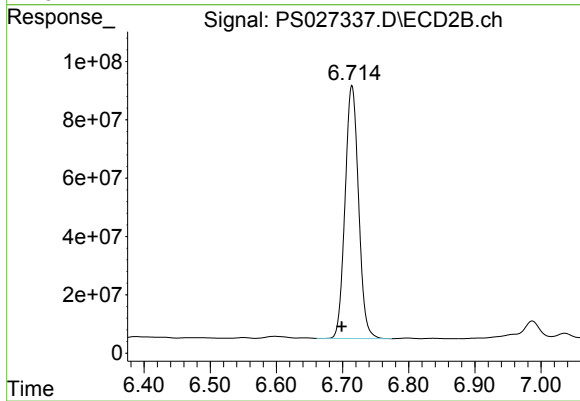
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.015 min
Response: 1176699459
Conc: 352.66 ng/ml m



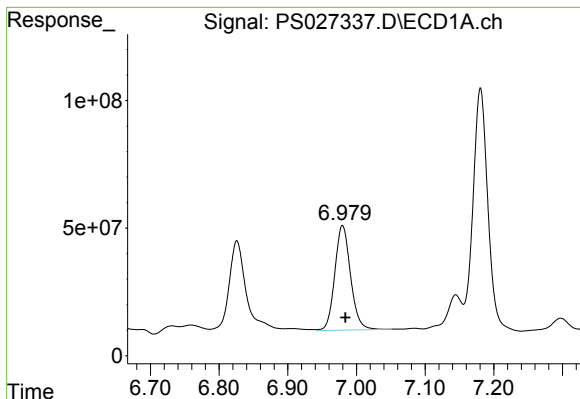
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 1967589536
Conc: 494.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.015 min
Response: 1229771317
Conc: 448.74 ng/ml



#3 4-Nitrophenol

R.T.: 6.980 min
Delta R.T.: -0.004 min
Response: 655468767
Conc: 433.57 ng/ml

Instrument :

ECD_S

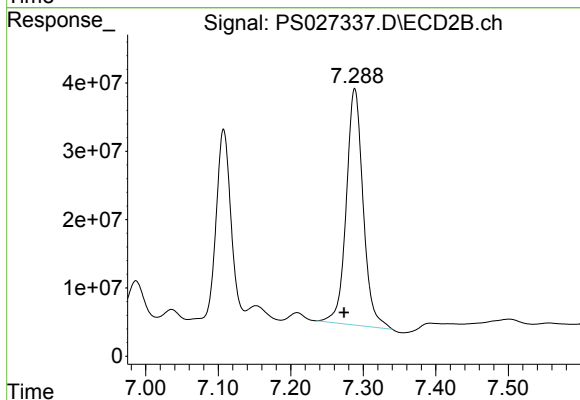
ClientSampleId :

TOPSOILMSD

Manual Integrations

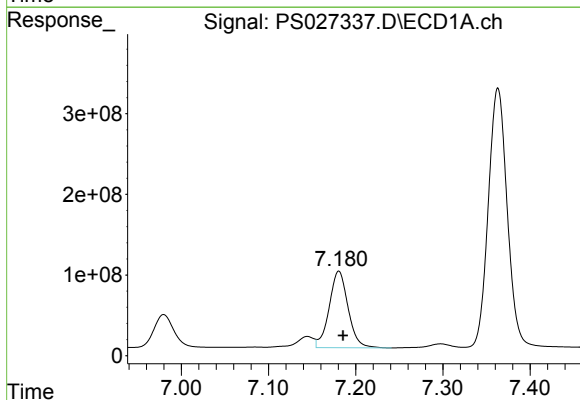
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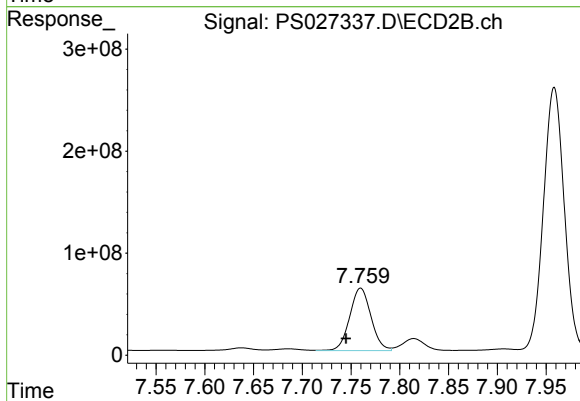
#3 4-Nitrophenol

R.T.: 7.288 min
Delta R.T.: 0.015 min
Response: 557731886
Conc: 445.76 ng/ml



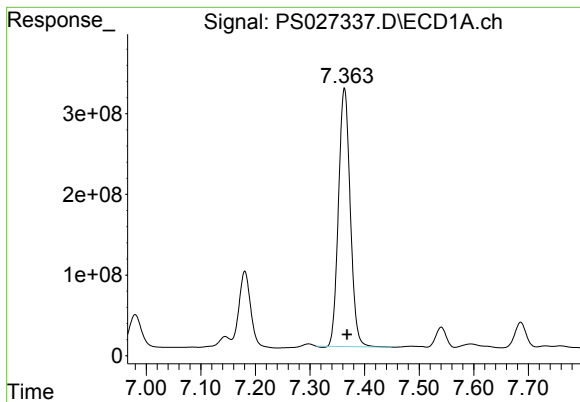
#4 2,4-DCAA

R.T.: 7.181 min
Delta R.T.: -0.005 min
Response: 1434755365
Conc: 570.45 ng/ml



#4 2,4-DCAA

R.T.: 7.760 min
Delta R.T.: 0.015 min
Response: 929843968
Conc: 499.98 ng/ml



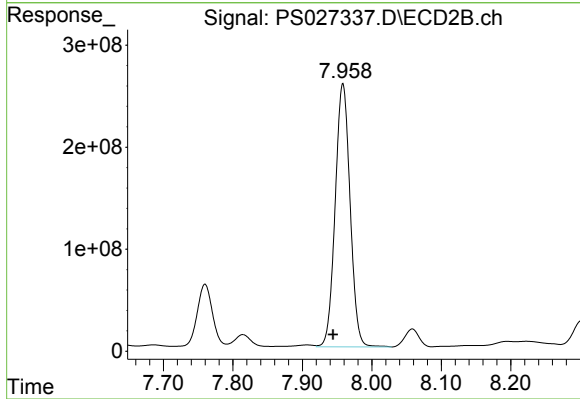
#5 DICAMBA

R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 4773028535
Conc: 432.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMSD

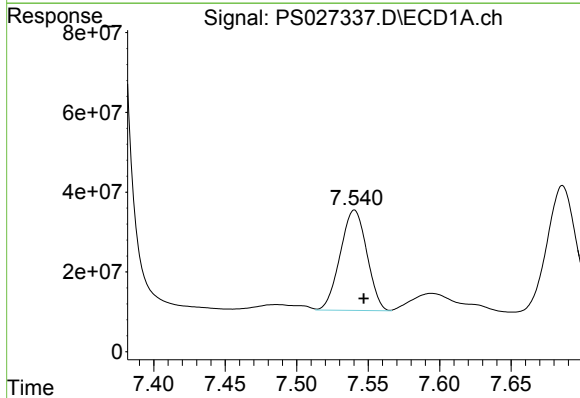
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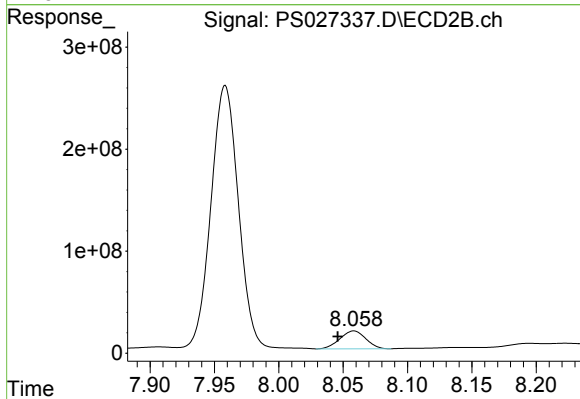
#5 DICAMBA

R.T.: 7.958 min
Delta R.T.: 0.014 min
Response: 3842931051
Conc: 446.15 ng/ml



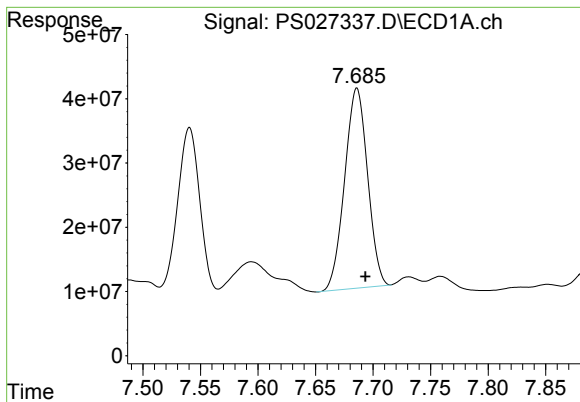
#6 MCP

R.T.: 7.540 min
Delta R.T.: -0.007 min
Response: 326259591
Conc: 42.87 ug/ml



#6 MCP

R.T.: 8.058 min
Delta R.T.: 0.012 min
Response: 244059115
Conc: 42.86 ug/ml



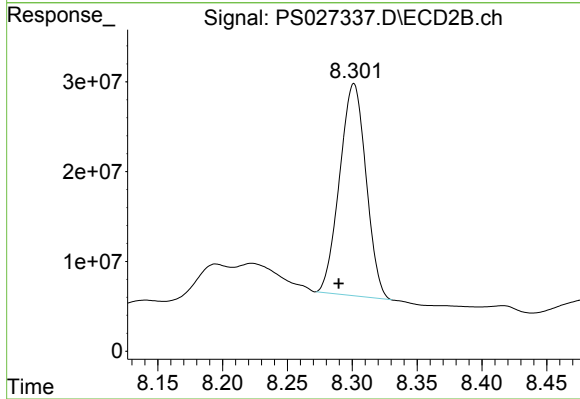
#7 MCPA

R.T.: 7.686 min
Delta R.T.: -0.007 min
Response: 433953329
Conc: 44.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMSD

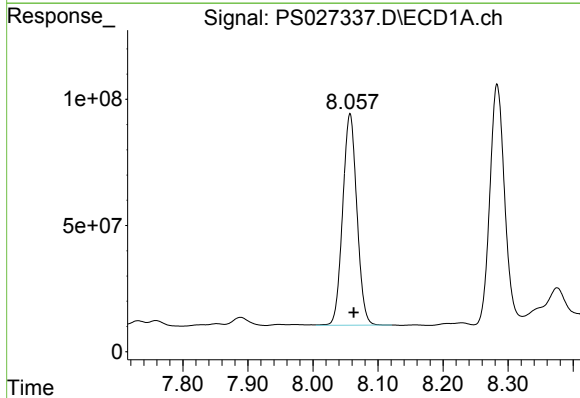
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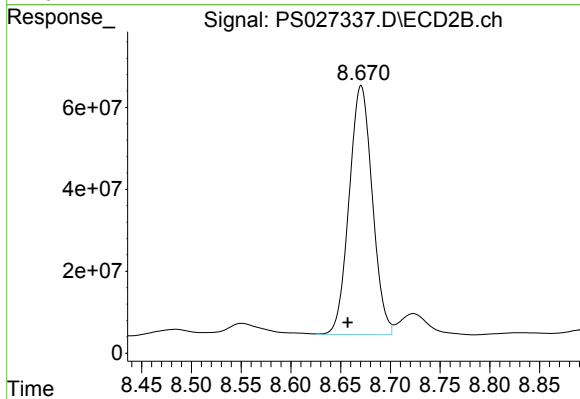
#7 MCPA

R.T.: 8.301 min
Delta R.T.: 0.012 min
Response: 332802245
Conc: 44.06 ug/ml



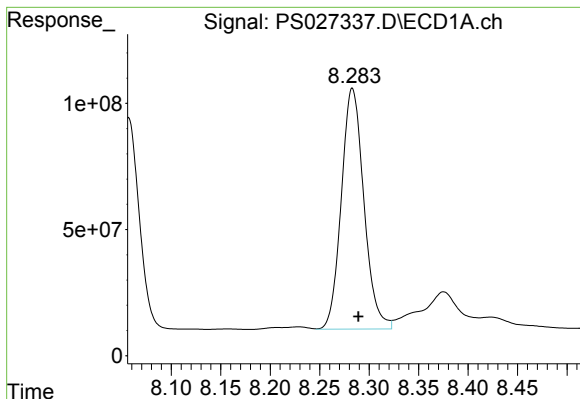
#8 DICHLORPROP

R.T.: 8.057 min
Delta R.T.: -0.006 min
Response: 1271912630
Conc: 480.71 ng/ml



#8 DICHLORPROP

R.T.: 8.670 min
Delta R.T.: 0.013 min
Response: 983852077
Conc: 470.63 ng/ml m



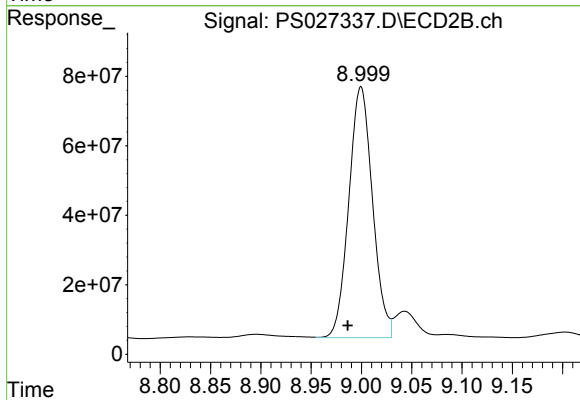
#9 2,4-D

R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 1515741733
Conc: 531.63 ng/ml

Instrument :
ECD_S
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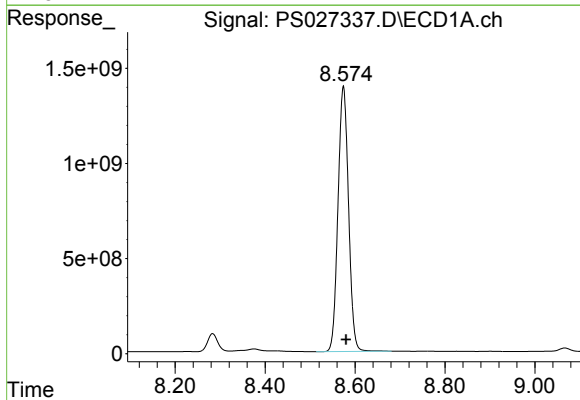
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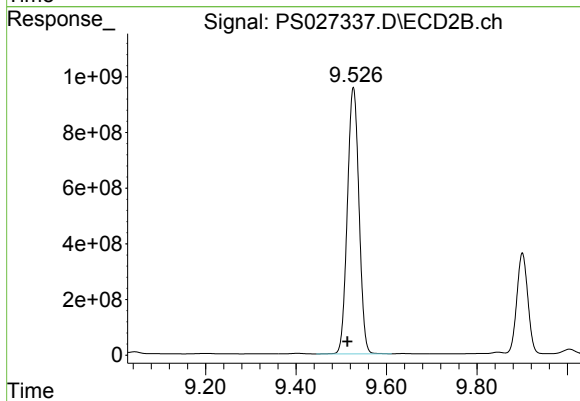
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.013 min
Response: 1182615409
Conc: 507.63 ng/ml m



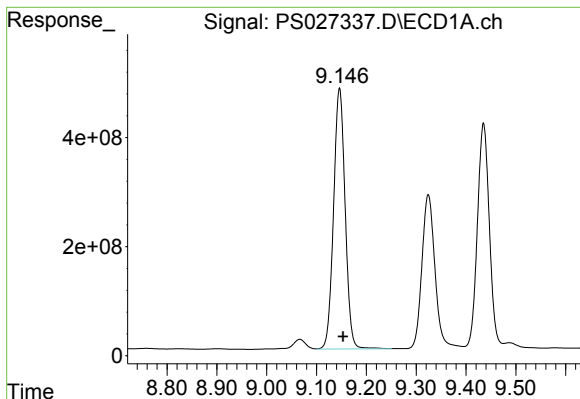
#10 Pentachlorophenol

R.T.: 8.574 min
Delta R.T.: -0.006 min
Response: 22671410107
Conc: 573.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.527 min
Delta R.T.: 0.013 min
Response: 17062308468
Conc: 536.09 ng/ml



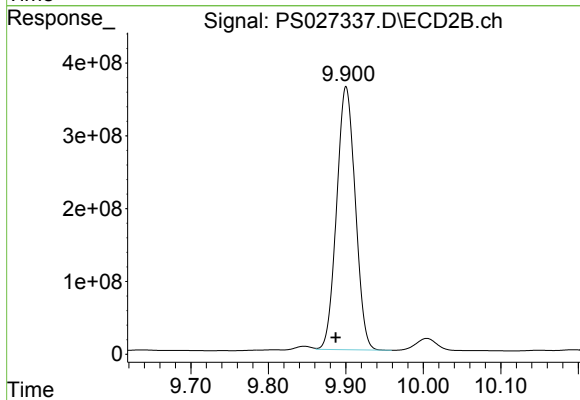
#11 2,4,5-TP (SILVEX)

R.T.: 9.146 min
Delta R.T.: -0.007 min
Response: 7715059006
Conc: 508.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOILMSD

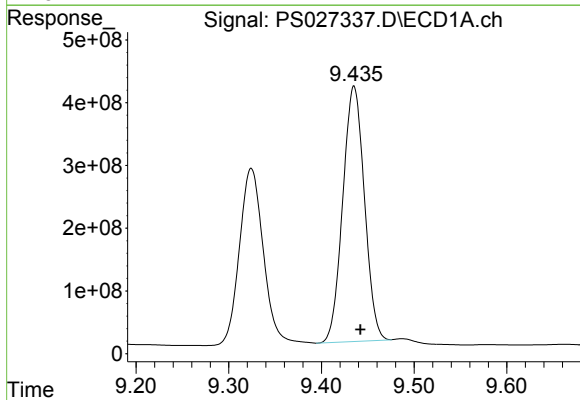
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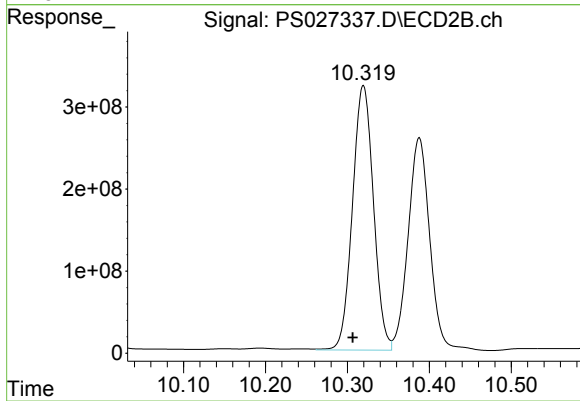
#11 2,4,5-TP (SILVEX)

R.T.: 9.900 min
Delta R.T.: 0.013 min
Response: 6039189816
Conc: 472.88 ng/ml



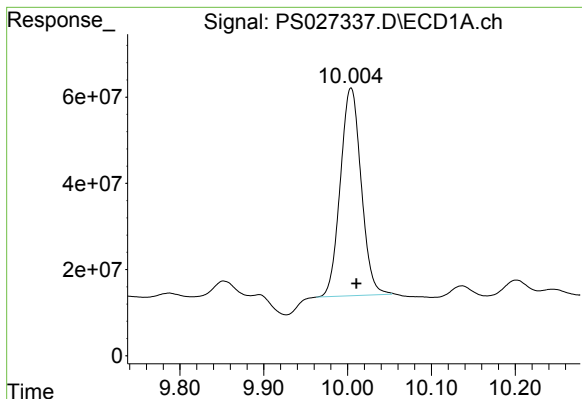
#12 2,4,5-T

R.T.: 9.435 min
Delta R.T.: -0.007 min
Response: 6613696642
Conc: 452.82 ng/ml m



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.013 min
Response: 5743102889
Conc: 455.47 ng/ml



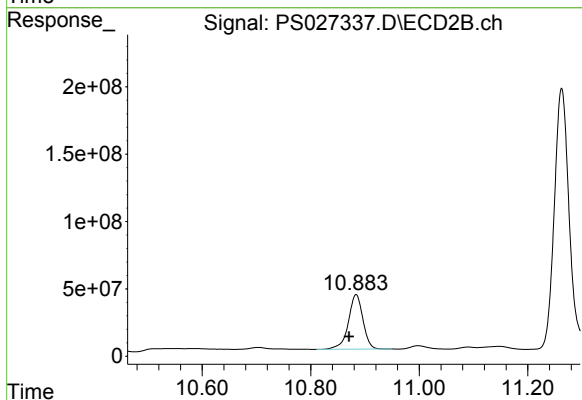
#13 2,4-DB

R.T.: 10.004 min
Delta R.T.: -0.007 min
Response: 831554022
Conc: 405.47 ng/ml

Instrument :
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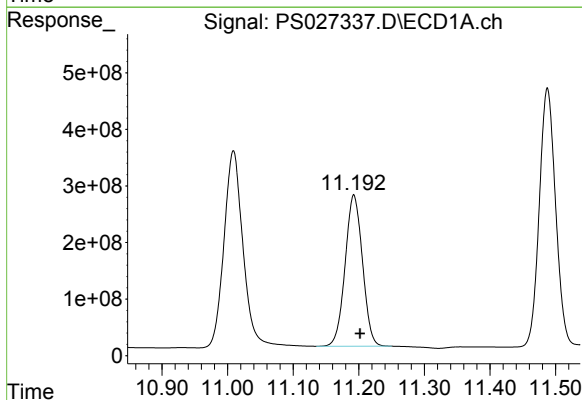
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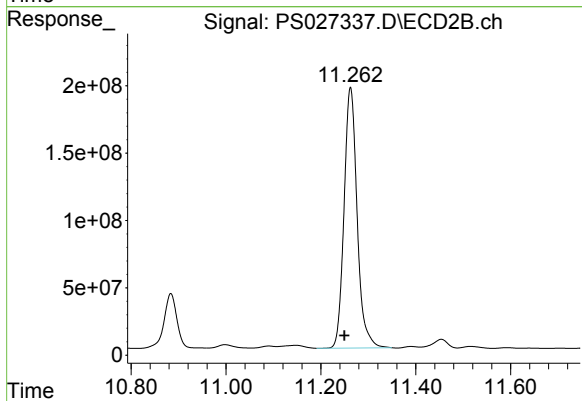
#13 2,4-DB

R.T.: 10.884 min
Delta R.T.: 0.013 min
Response: 758192343
Conc: 479.64 ng/ml



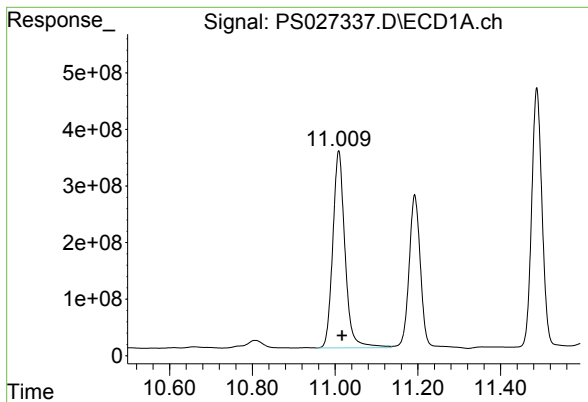
#14 DINOSEB

R.T.: 11.192 min
Delta R.T.: -0.010 min
Response: 4919577661
Conc: 441.41 ng/ml m



#14 DINOSEB

R.T.: 11.262 min
Delta R.T.: 0.013 min
Response: 3697488192
Conc: 434.12 ng/ml



#15 Picloram

R.T.: 11.009 min
Delta R.T.: -0.008 min
Response: 7148942001
Conc: 370.79 ng/ml

Instrument :

ECD_S

ClientSampleId :

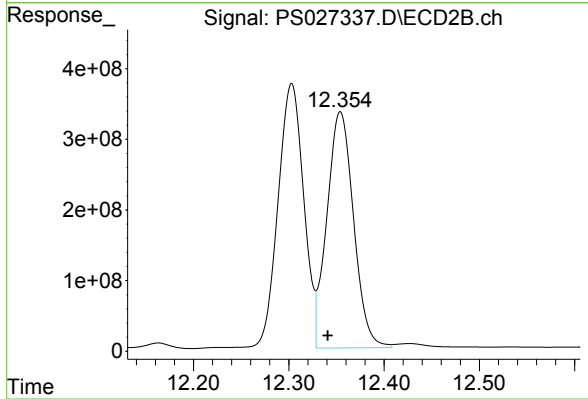
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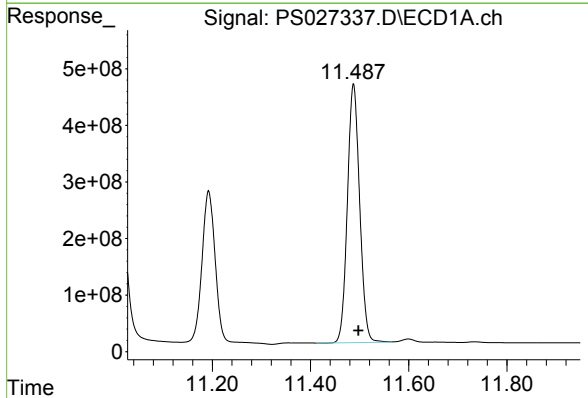
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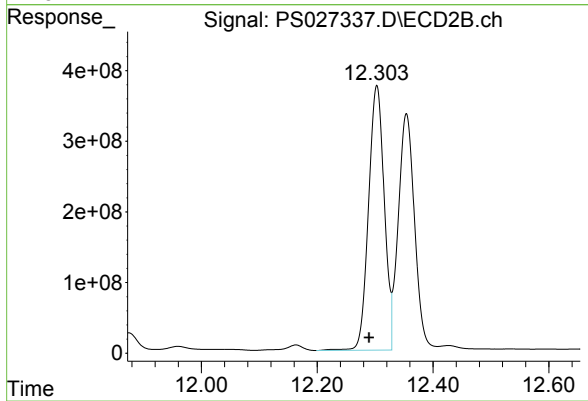
#15 Picloram

R.T.: 12.354 min
Delta R.T.: 0.013 min
Response: 6502058915
Conc: 360.40 ng/ml



#16 DCPA

R.T.: 11.488 min
Delta R.T.: -0.010 min
Response: 7900629487
Conc: 437.35 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.014 min
Response: 7049372813
Conc: 506.92 ng/ml