

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040825\
 Data File : PS029729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 17:26
 Operator : AR\AJ
 Sample : PB167511BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167511BS

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 22:48:54 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 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	6.955	7.471	1417.4E6	457.3E6	695.206	670.978
Target Compounds							
1) T	Dalapon	2.461	2.532	2121.2E6	937.1E6	625.277	590.282
2) T	3,5-DICHL...	6.158	6.466	1991.6E6	585.5E6	662.163	606.395
3) T	4-Nitroph...	6.745	7.004	926.8E6	412.0E6	659.773	581.125m
5) T	DICAMBA	7.131	7.657	5419.4E6	2356.6E6	651.220	638.071
6) T	MCP	7.309	7.763	354.7E6	103.9E6	65.449	61.507
7) T	MCPA	7.451	7.994	497.2E6	146.5E6	68.405m	64.370
8) T	DICHLORPROP	7.813	8.351	1448.7E6	612.7E6	658.689	634.144
9) T	2,4-D	8.033	8.665	1610.2E6	696.0E6	668.252	645.398
10) T	Pentachlo...	8.312	9.166	20587.4E6	12026.6E6	677.106	670.841
11) T	2,4,5-TP ...	8.878	9.544	7902.2E6	4813.8E6	680.322	667.386
12) T	2,4,5-T	9.160	9.949	7861.9E6	4451.0E6	683.379	664.041
13) T	2,4-DB	9.719	10.505	1219.8E6	475.1E6	671.439	640.383
14) T	DINOSEB	10.884	10.878	5330.7E6	3293.2E6	631.443m	644.106
15) T	Picloram	10.702	11.916	10442.3E6	7043.5E6	673.681	595.671m
16) T	DCPA	11.184	11.908	9697.3E6	5997.5E6	694.344	677.638m

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

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Acq On : 08 Apr 2025 17:26
Operator : AR\AJ
Sample : PB167511BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

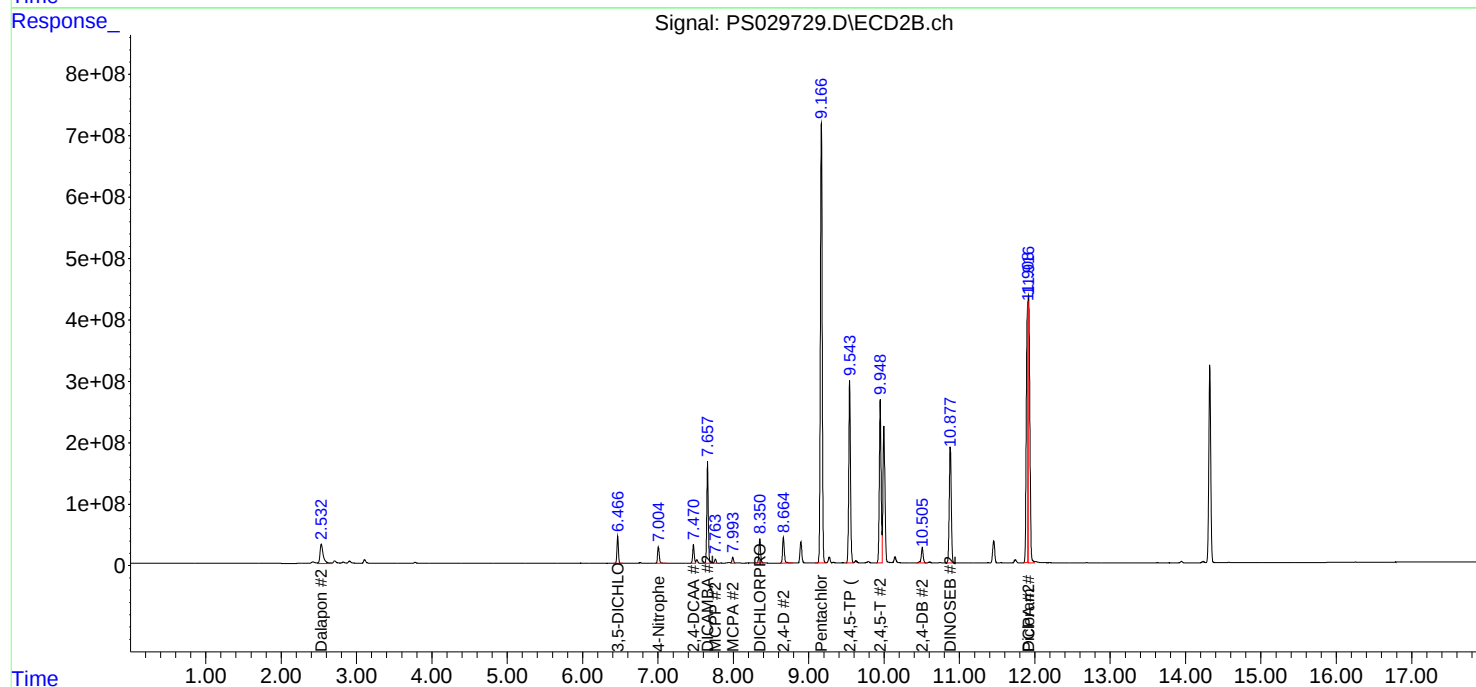
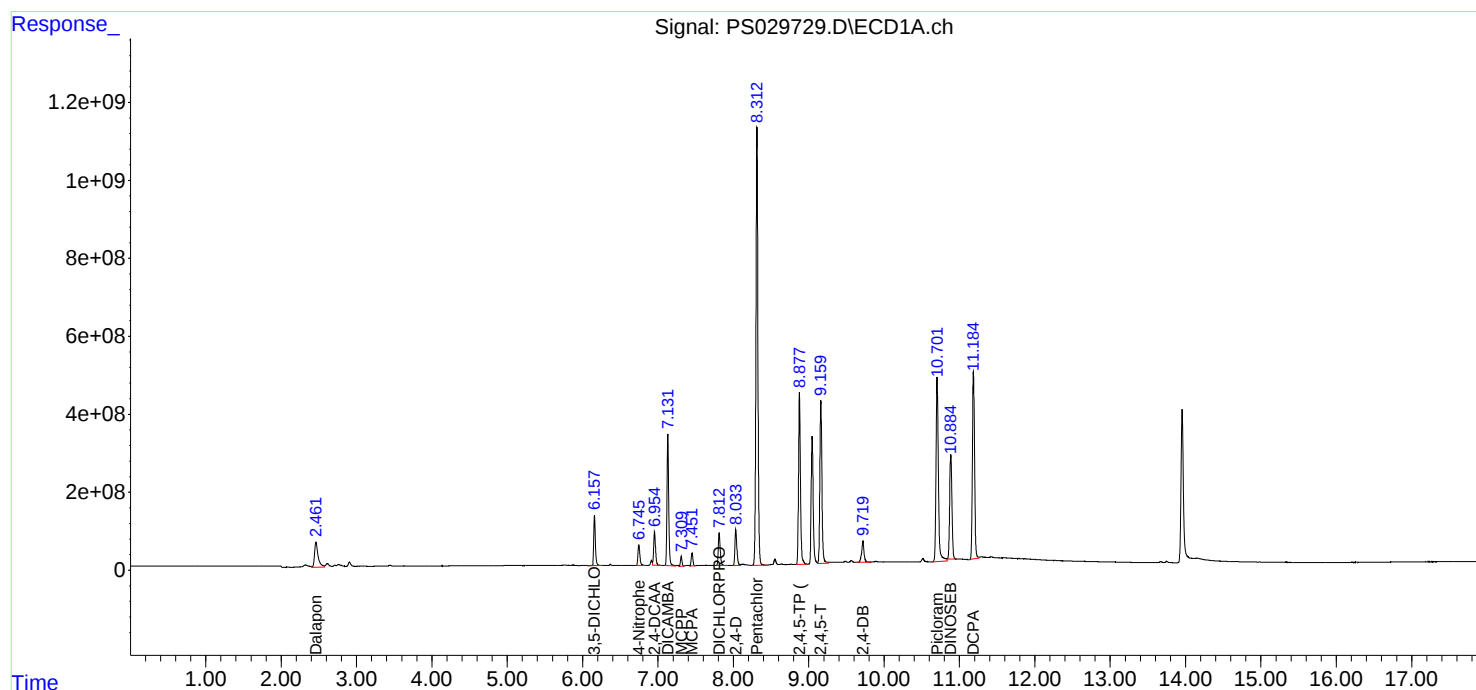
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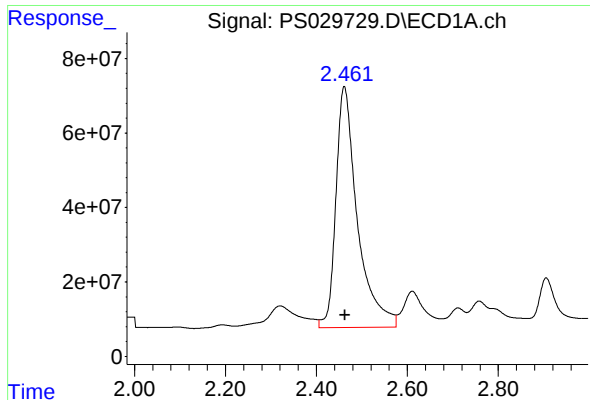
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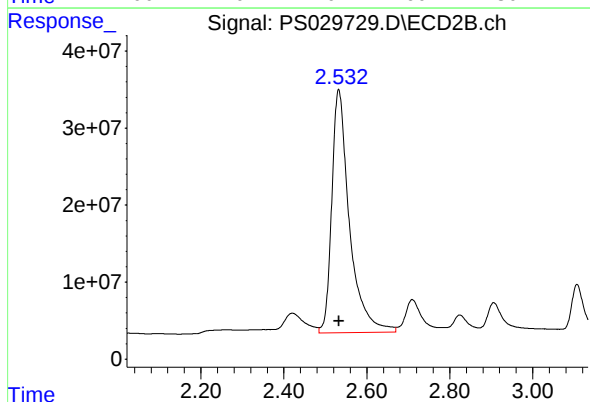
#1 Dalapon

R.T.: 2.461 min
Delta R.T.: -0.002 min
Response: 2121188424
Conc: 625.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

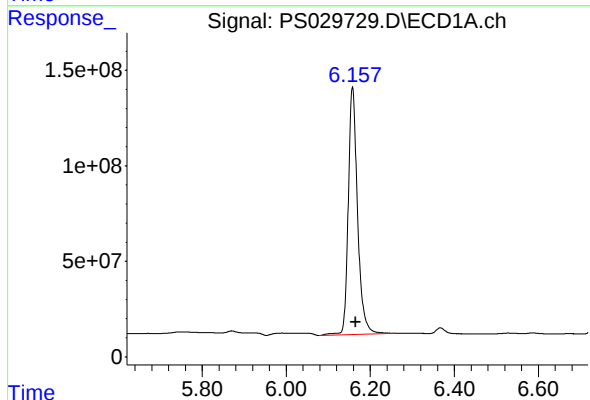
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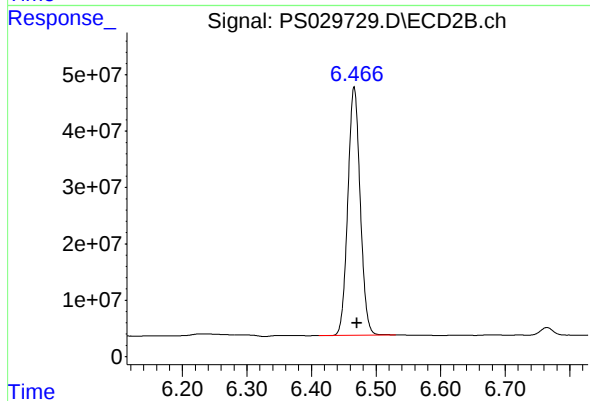
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: -0.001 min
Response: 937129619
Conc: 590.28 ng/ml



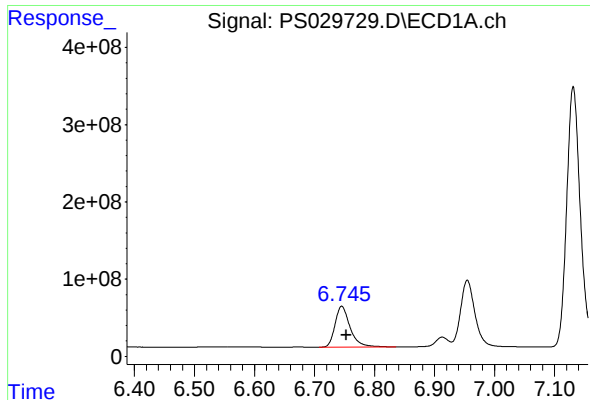
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 1991625671
Conc: 662.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 585509222
Conc: 606.40 ng/ml



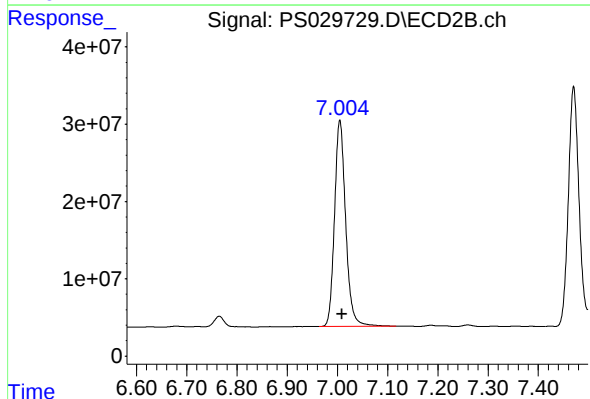
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 926848103
Conc: 659.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

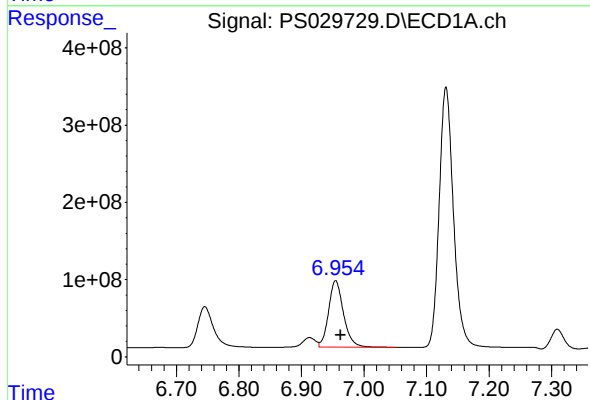
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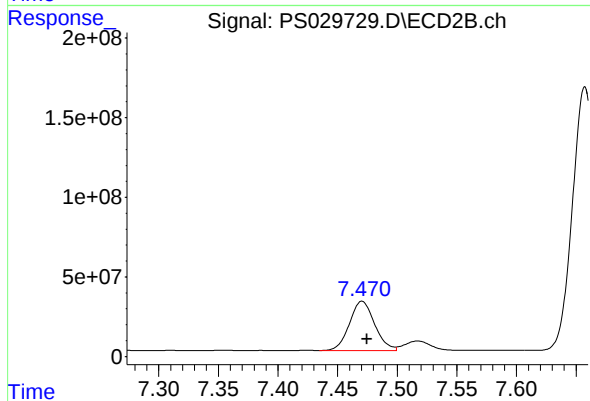
#3 4-Nitrophenol

R.T.: 7.004 min
Delta R.T.: -0.005 min
Response: 412016430
Conc: 581.12 ng/ml m



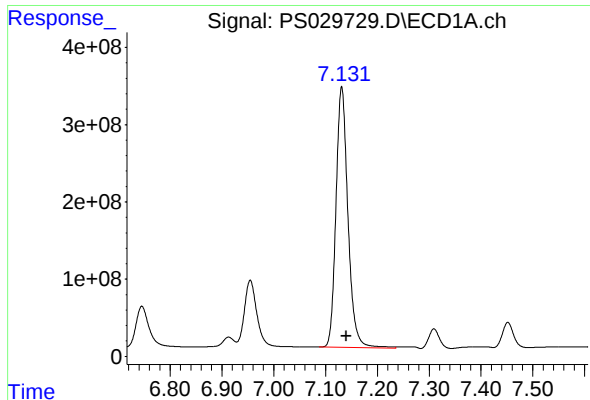
#4 2,4-DCAA

R.T.: 6.955 min
Delta R.T.: -0.008 min
Response: 1417406504
Conc: 695.21 ng/ml



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 457280271
Conc: 670.98 ng/ml



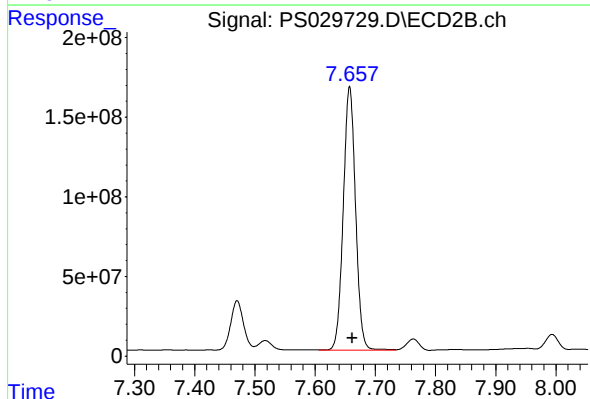
#5 DICAMBA

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 5419414712
Conc: 651.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

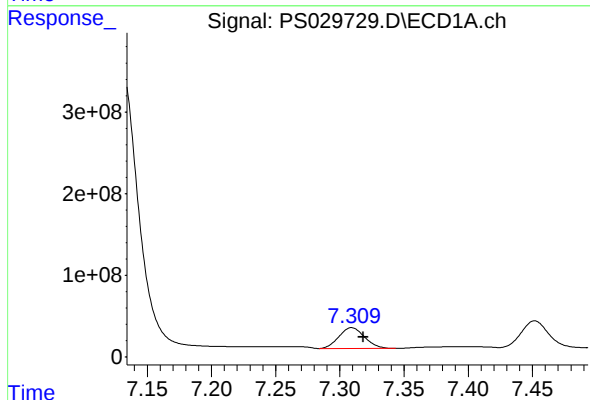
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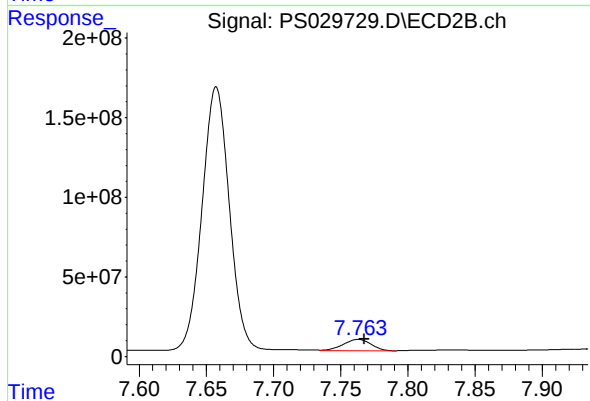
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 2356632709
Conc: 638.07 ng/ml



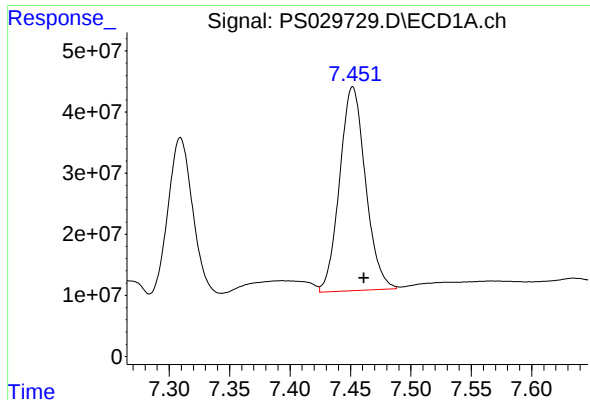
#6 MCPP

R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 354726070
Conc: 65.45 ug/ml



#6 MCPP

R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 103853204
Conc: 61.51 ug/ml



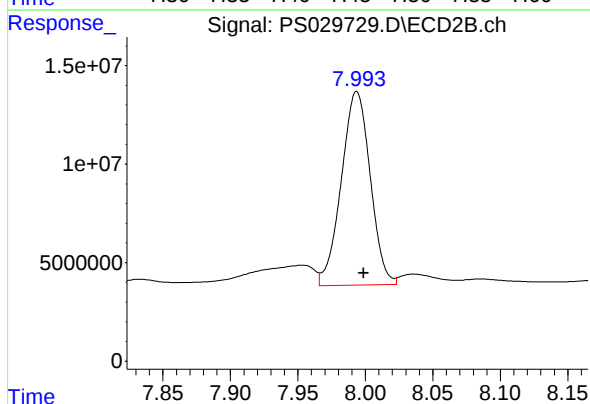
#7 MCPA

R.T.: 7.451 min
Delta R.T.: -0.010 min
Response: 497233013
Conc: 68.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

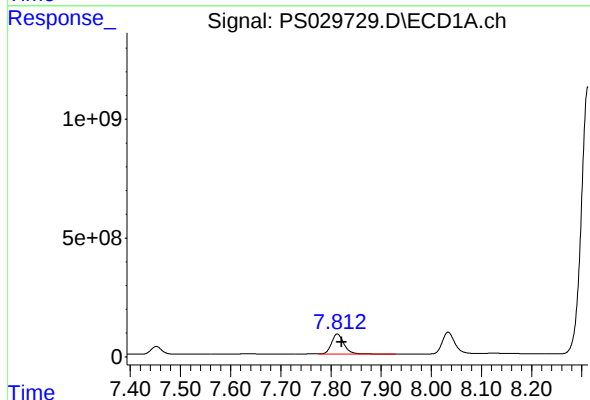
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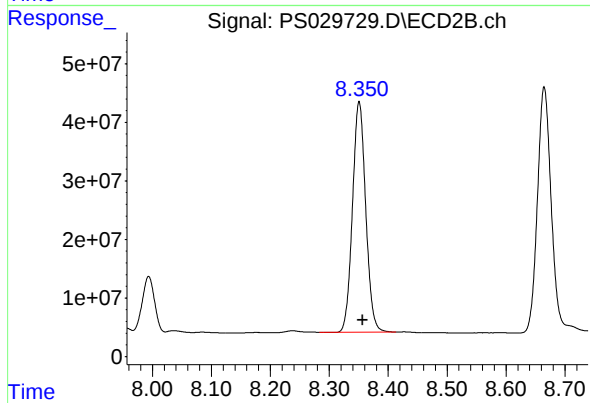
#7 MCPA

R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 146458418
Conc: 64.37 ug/ml



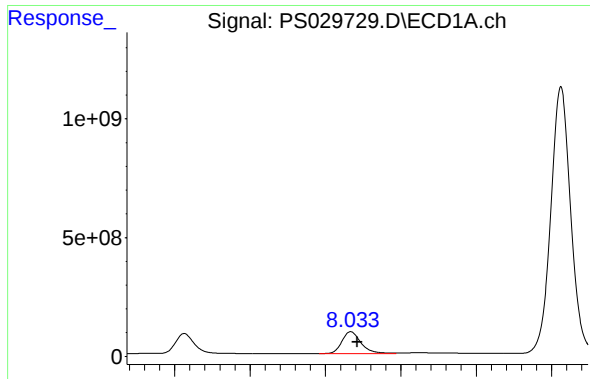
#8 DICHLORPROP

R.T.: 7.813 min
Delta R.T.: -0.009 min
Response: 1448746585
Conc: 658.69 ng/ml



#8 DICHLORPROP

R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 612680066
Conc: 634.14 ng/ml



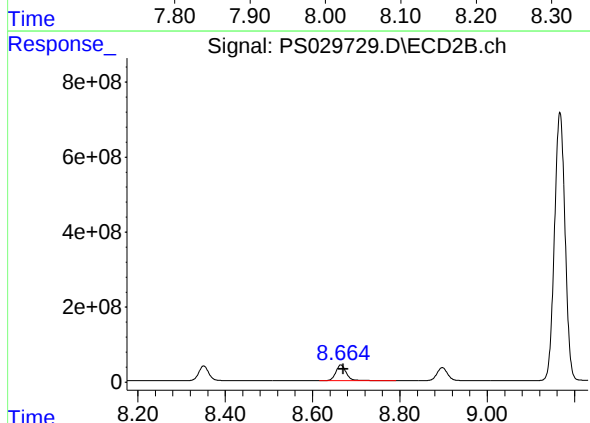
#9 2,4-D

R.T.: 8.033 min
Delta R.T.: -0.009 min
Response: 1610212502
Conc: 668.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

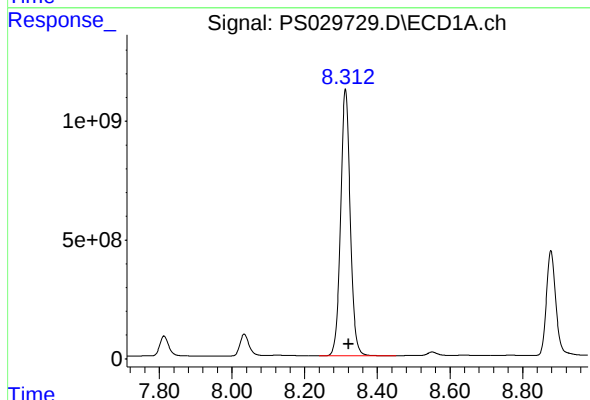
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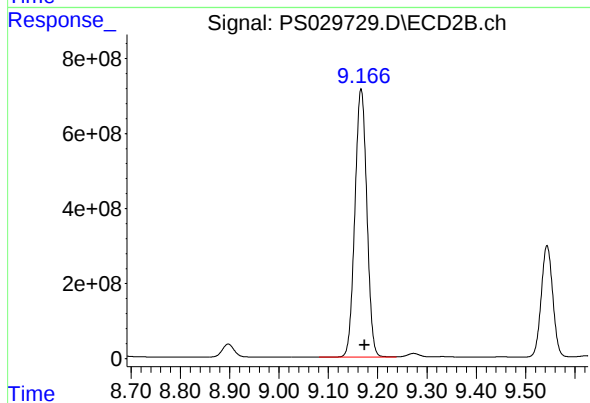
#9 2,4-D

R.T.: 8.665 min
Delta R.T.: -0.006 min
Response: 696039205
Conc: 645.40 ng/ml



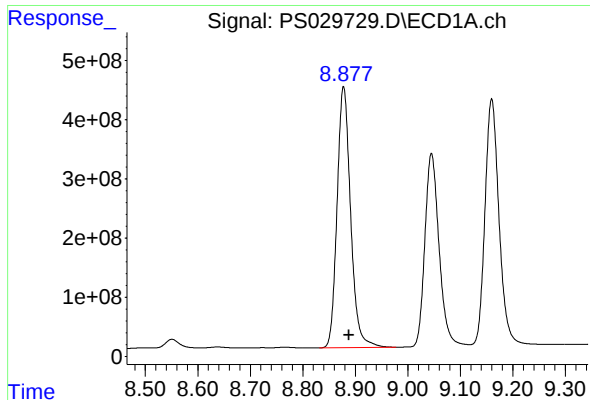
#10 Pentachlorophenol

R.T.: 8.312 min
Delta R.T.: -0.008 min
Response: 20587400332
Conc: 677.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.166 min
Delta R.T.: -0.007 min
Response: 12026642336
Conc: 670.84 ng/ml



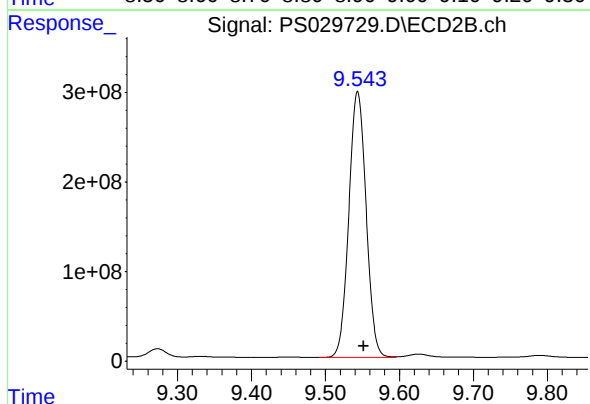
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 7902181929
Conc: 680.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

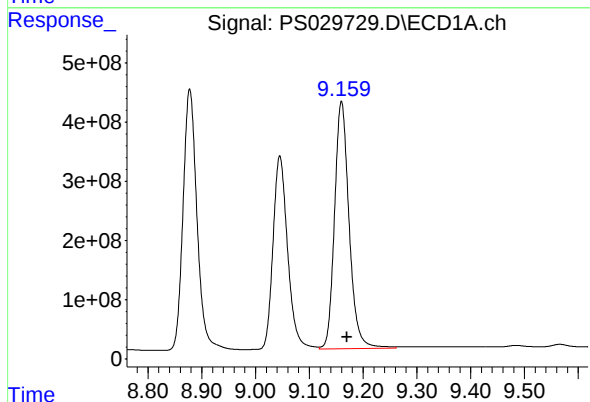
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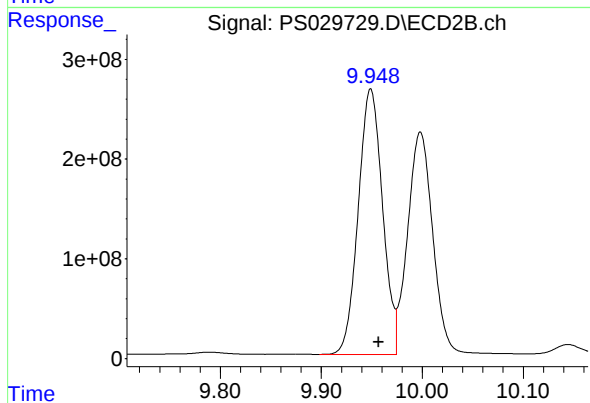
#11 2,4,5-TP (SILVEX)

R.T.: 9.544 min
Delta R.T.: -0.008 min
Response: 4813829557
Conc: 667.39 ng/ml



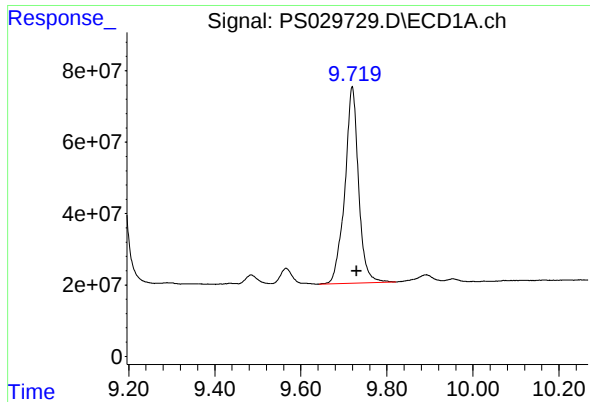
#12 2,4,5-T

R.T.: 9.160 min
Delta R.T.: -0.010 min
Response: 7861881091
Conc: 683.38 ng/ml



#12 2,4,5-T

R.T.: 9.949 min
Delta R.T.: -0.008 min
Response: 4450960050
Conc: 664.04 ng/ml



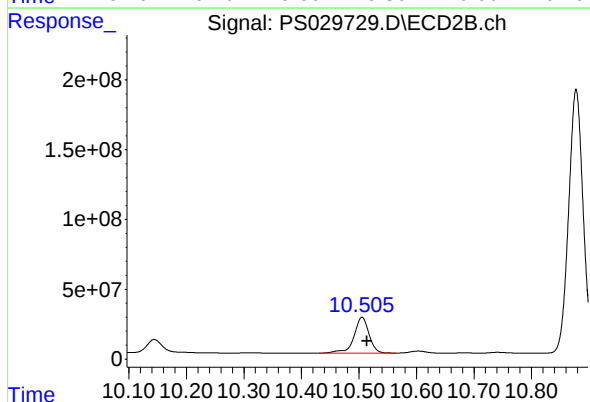
#13 2,4-DB

R.T.: 9.719 min
Delta R.T.: -0.010 min
Response: 1219832100
Conc: 671.44 ng/ml

Instrument :
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ClientSampleId :
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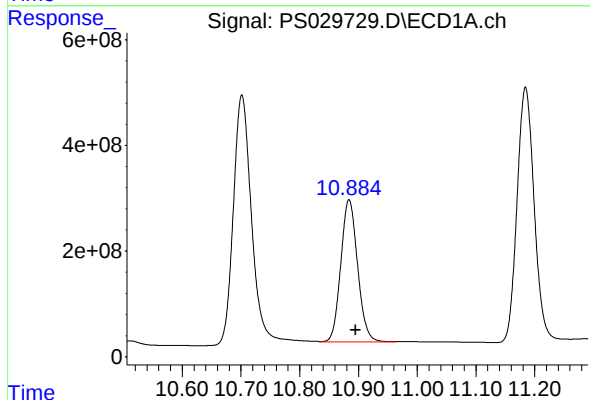
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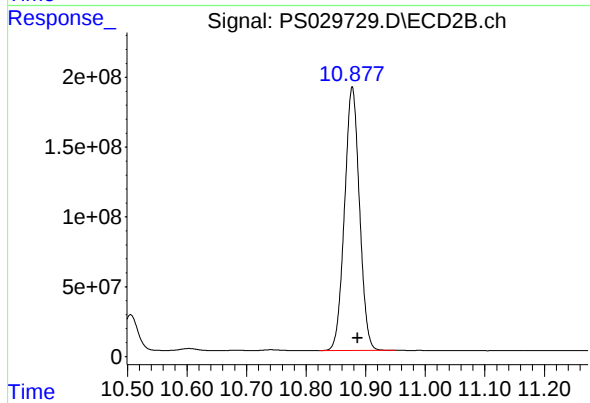
#13 2,4-DB

R.T.: 10.505 min
Delta R.T.: -0.009 min
Response: 475148475
Conc: 640.38 ng/ml



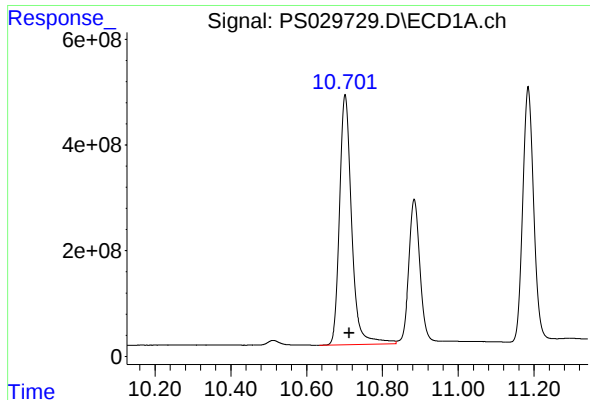
#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.011 min
Response: 5330667767
Conc: 631.44 ng/ml m



#14 DINOSEB

R.T.: 10.878 min
Delta R.T.: -0.009 min
Response: 3293188331
Conc: 644.11 ng/ml



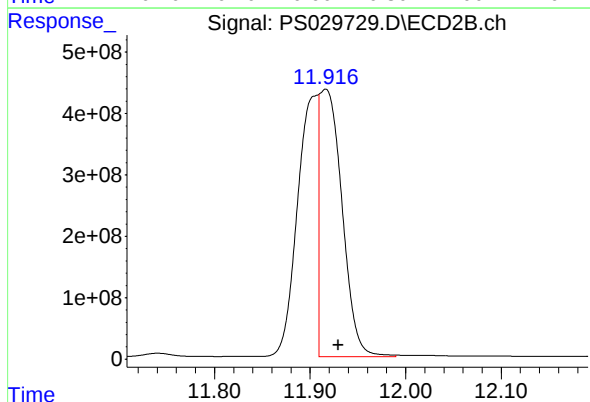
#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.012 min
Response: 10442328372
Conc: 673.68 ng/ml

Instrument :
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ClientSampleId :
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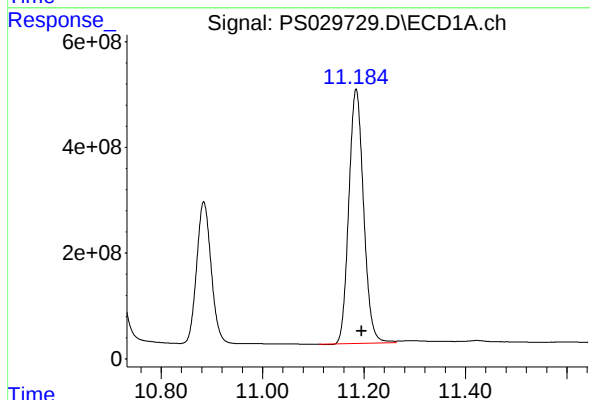
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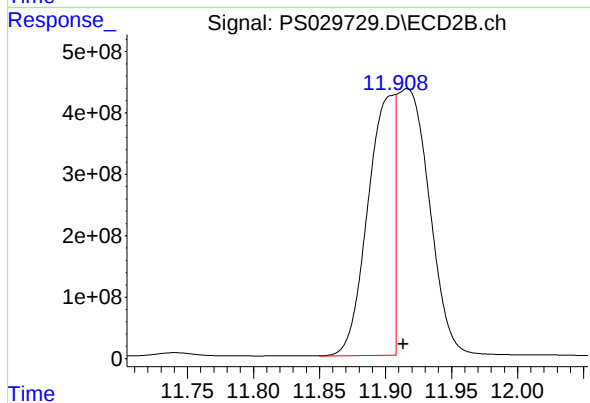
#15 Picloram

R.T.: 11.916 min
Delta R.T.: -0.013 min
Response: 7043469313
Conc: 595.67 ng/ml m



#16 DCPA

R.T.: 11.184 min
Delta R.T.: -0.011 min
Response: 9697288666
Conc: 694.34 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.006 min
Response: 5997543228
Conc: 677.64 ng/ml m