

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 09:48
 Operator : AR\AJ
 Sample : PB167229BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167229BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/03/2025
 Supervised By : mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 11:44:03 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	6.962	7.472	1013.6E6	324.2E6	497.133	475.751
Target Compounds							
1) T	Dalapon	2.459	2.527	1395.3E6	730.2E6	411.296	459.969
2) T	3,5-DICHL...	6.164	6.467	1517.7E6	442.4E6	504.610	458.166
3) T	4-Nitroph...	6.752	7.006	617.6E6	306.3E6	439.655	432.045
5) T	DICAMBA	7.139	7.659	3758.9E6	1602.8E6	451.690	433.977
6) T	MCP	7.316	7.764	233.6E6	69183831	43.099m	40.974
7) T	MCPA	7.459	7.994	322.7E6	104.9E6	44.398	46.108
8) T	DICHLORPROP	7.821	8.354	1032.4E6	454.4E6	469.409	470.291
9) T	2,4-D	8.042	8.668	1274.6E6	518.0E6	528.987	480.293
10) T	Pentachlo...	8.320	9.170	14432.5E6	8335.9E6	474.677	464.974
11) T	2,4,5-TP ...	8.888	9.548	5763.4E6	3471.3E6	496.187	481.259
12) T	2,4,5-T	9.169	9.954	5415.6E6	3098.3E6	470.744	462.239
13) T	2,4-DB	9.731	10.511	817.0E6	387.6E6	449.701m	522.428
14) T	DINOSEB	10.895	10.883	3536.0E6	2115.2E6	418.861	413.709
15) T	Picloram	10.713	11.924	6057.6E6	4085.6E6	390.802	345.522m
16) T	DCPA	11.195	11.908	6236.0E6	4004.4E6	446.507	452.439m

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

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Acq On : 03 Apr 2025 09:48
Operator : AR\AJ
Sample : PB167229BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

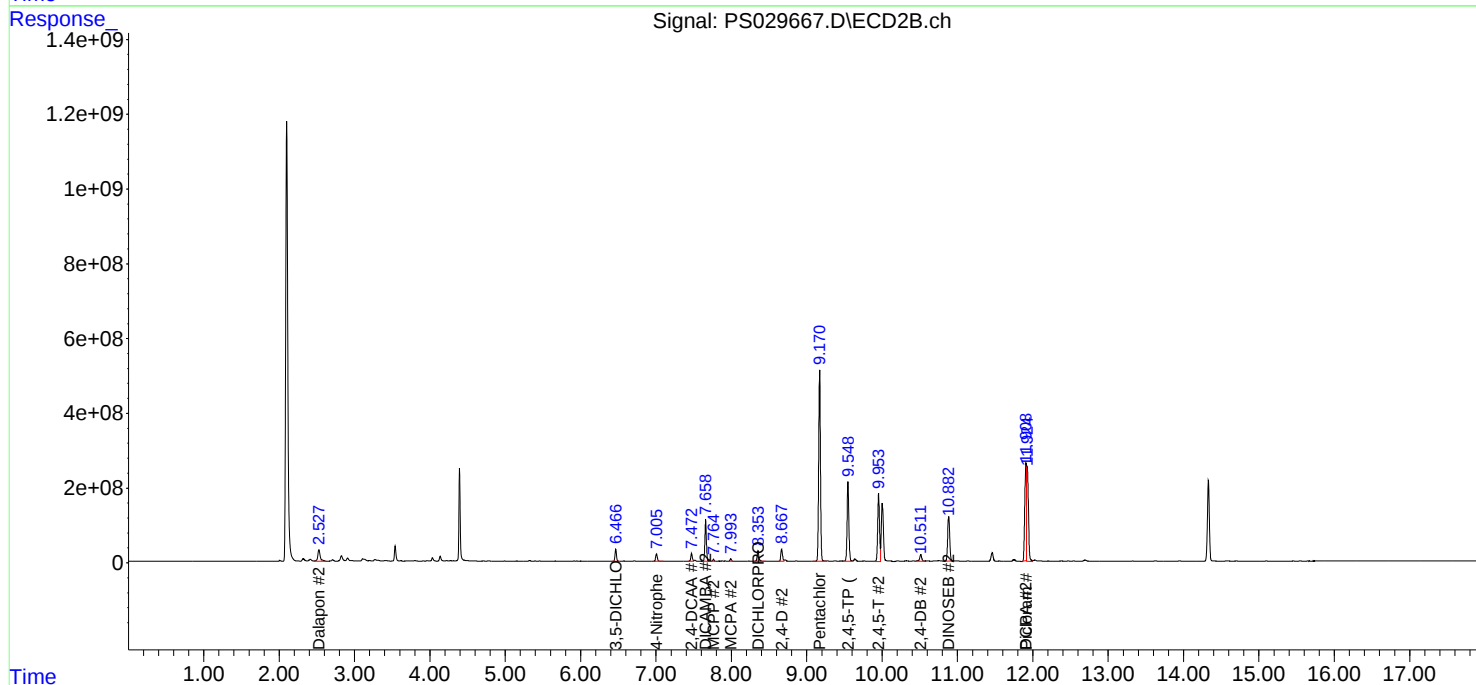
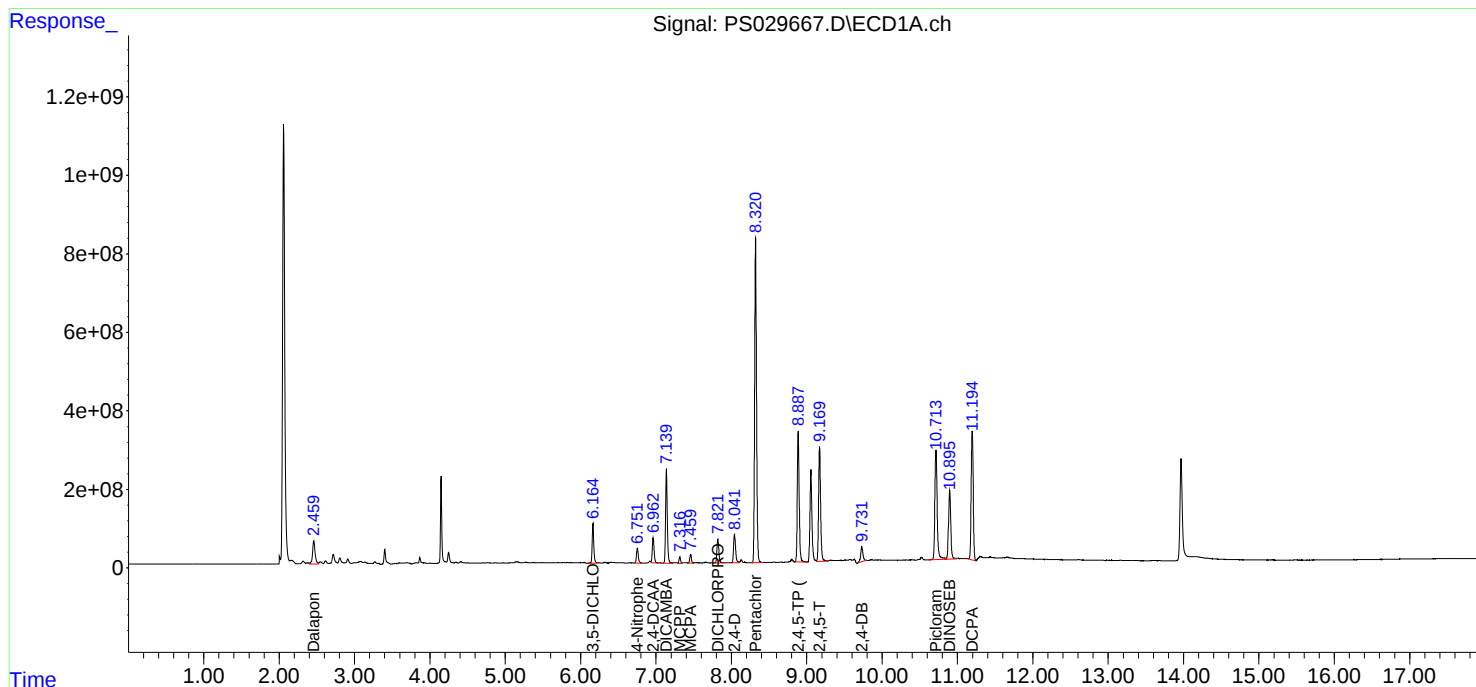
Instrument :
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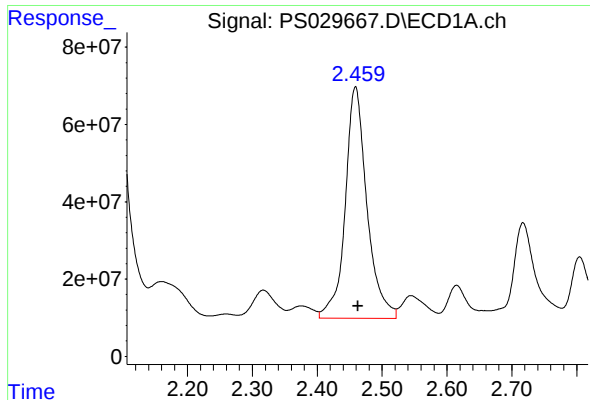
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Supervised By :mohammad ahmed 04/05/2025

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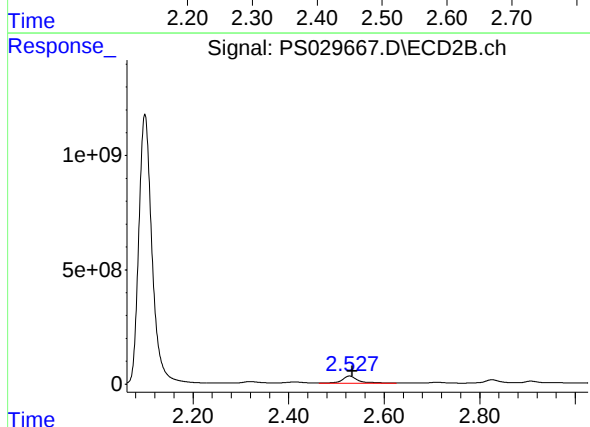
#1 Dalapon

R.T.: 2.459 min
Delta R.T.: -0.004 min
Response: 1395279964
Conc: 411.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

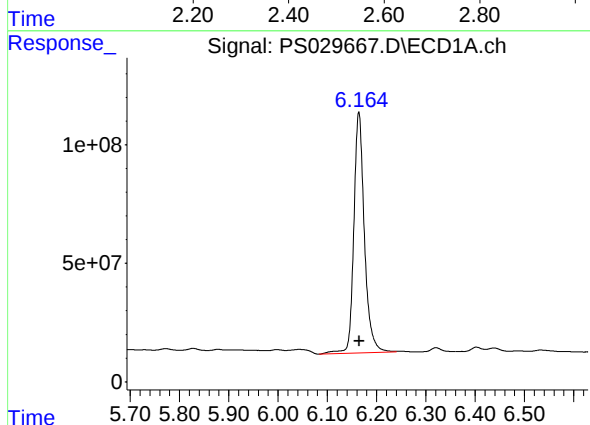
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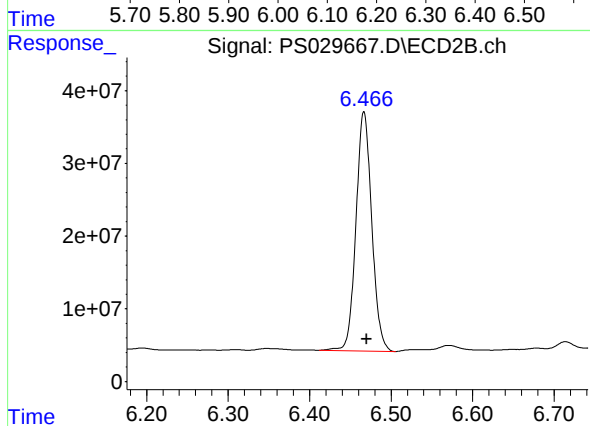
#1 Dalapon

R.T.: 2.527 min
Delta R.T.: -0.006 min
Response: 730244388
Conc: 459.97 ng/ml



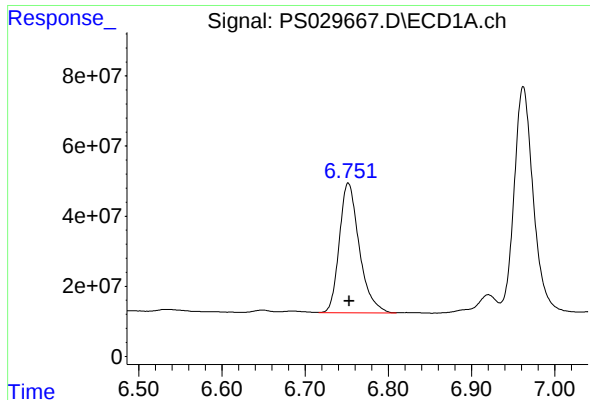
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 1517745739
Conc: 504.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 442385614
Conc: 458.17 ng/ml



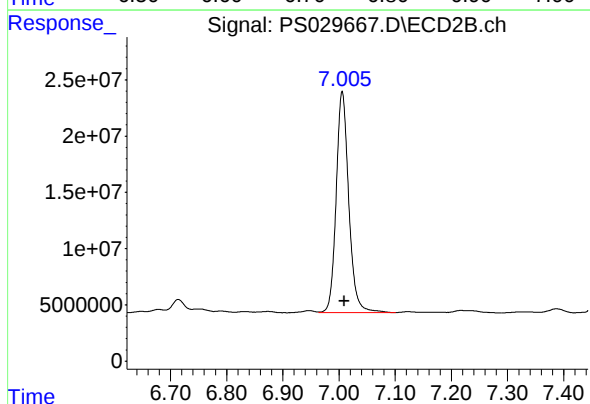
#3 4-Nitrophenol

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 617626723
Conc: 439.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

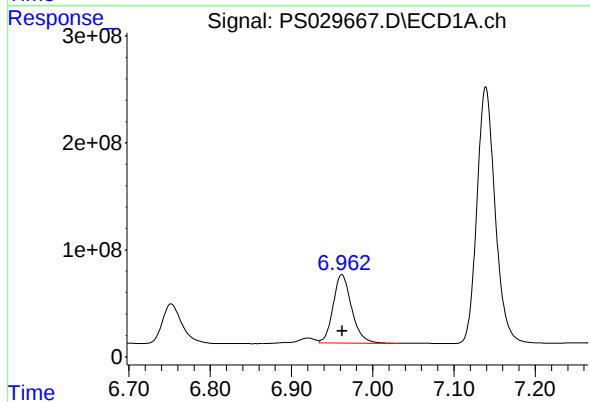
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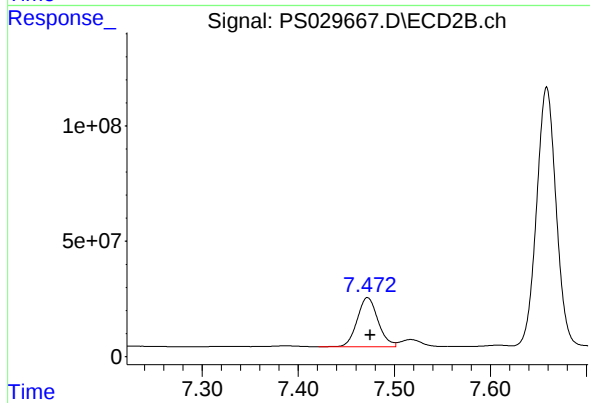
#3 4-Nitrophenol

R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 306319524
Conc: 432.05 ng/ml



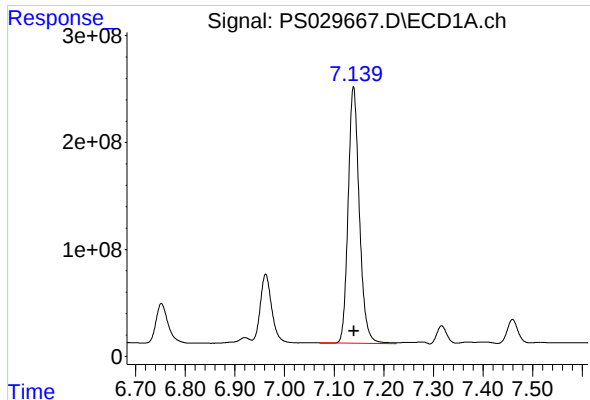
#4 2,4-DCAA

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 1013570904
Conc: 497.13 ng/ml



#4 2,4-DCAA

R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 324230148
Conc: 475.75 ng/ml



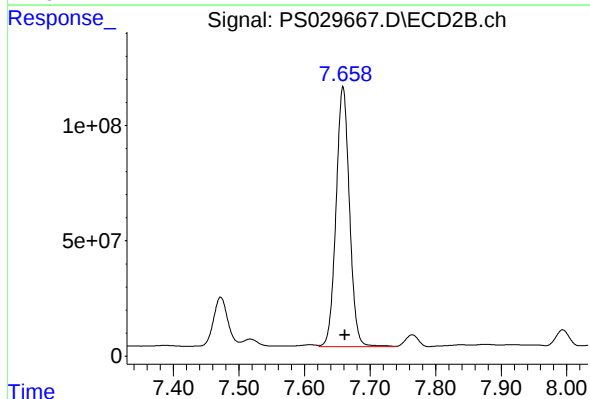
#5 DICAMBA

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 3758936215
Conc: 451.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

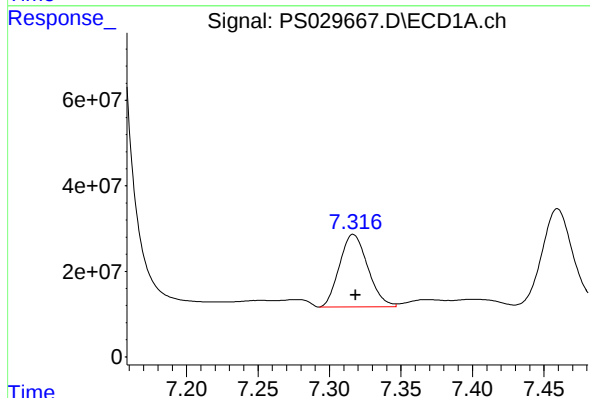
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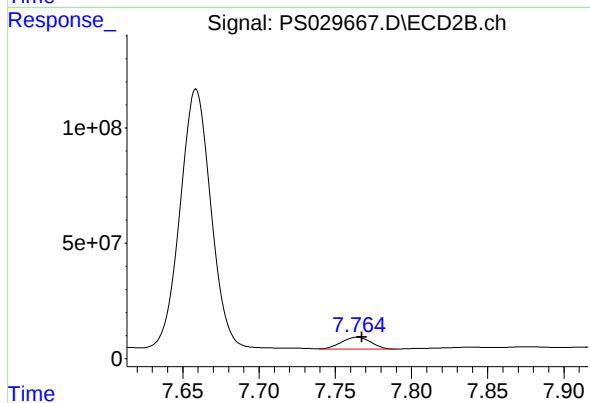
#5 DICAMBA

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 1602837854
Conc: 433.98 ng/ml



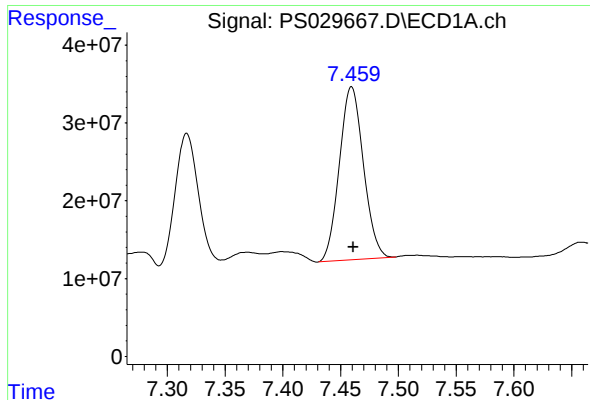
#6 MCPP

R.T.: 7.316 min
Delta R.T.: -0.002 min
Response: 233588807
Conc: 43.10 ug/ml m



#6 MCPP

R.T.: 7.764 min
Delta R.T.: -0.003 min
Response: 69183831
Conc: 40.97 ug/ml



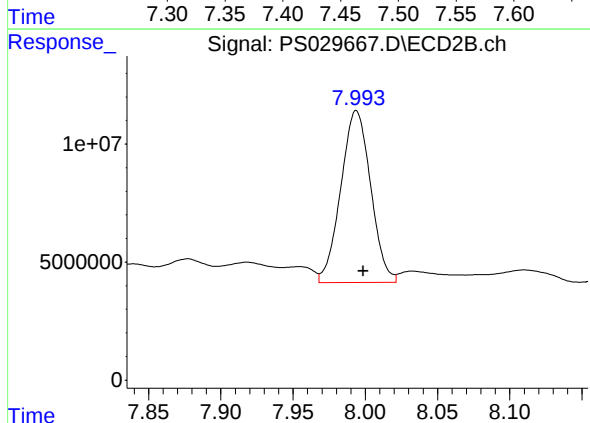
#7 MCPA

R.T.: 7.459 min
Delta R.T.: -0.002 min
Response: 322728057
Conc: 44.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

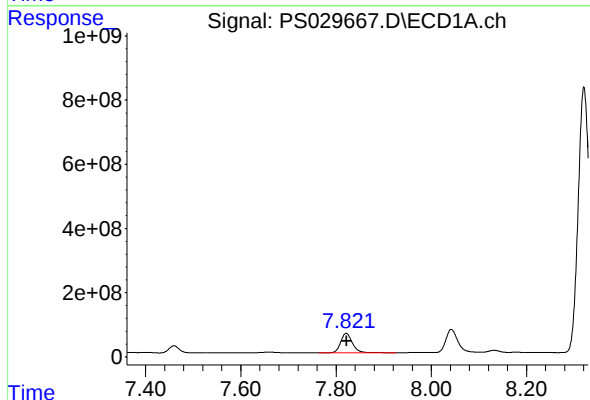
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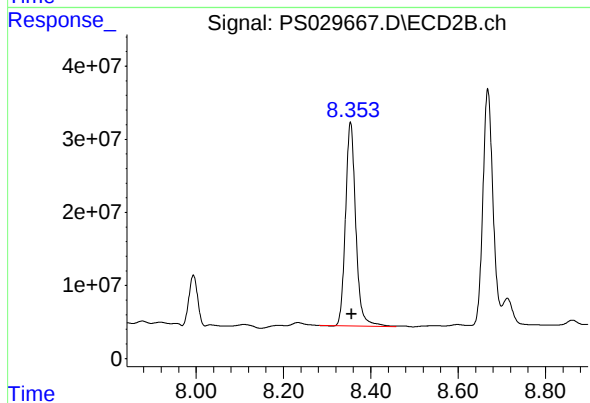
#7 MCPA

R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 104908771
Conc: 46.11 ug/ml



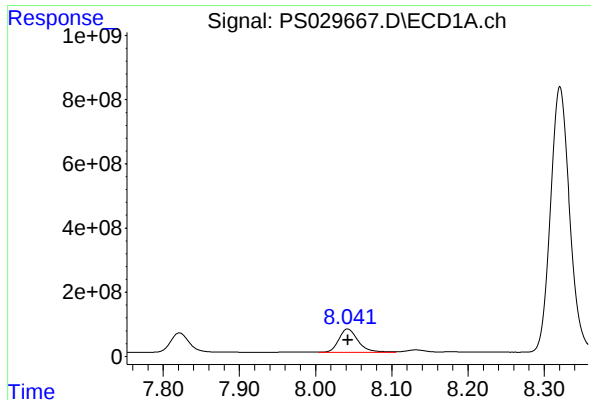
#8 DICHLORPROP

R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 1032436527
Conc: 469.41 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 454372729
Conc: 470.29 ng/ml



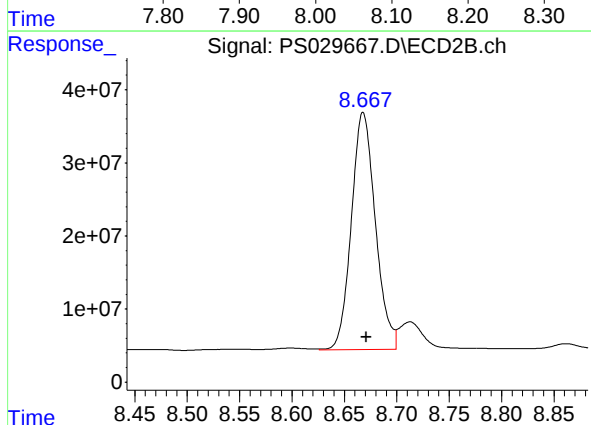
#9 2,4-D

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 1274642616
Conc: 528.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

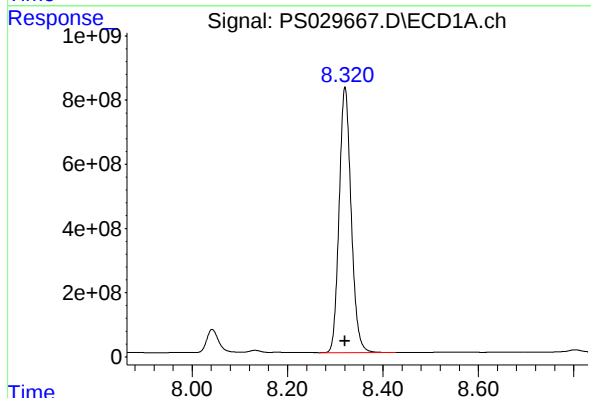
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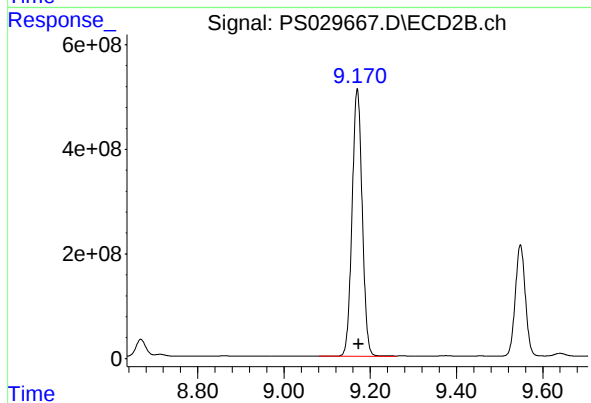
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 517978594
Conc: 480.29 ng/ml



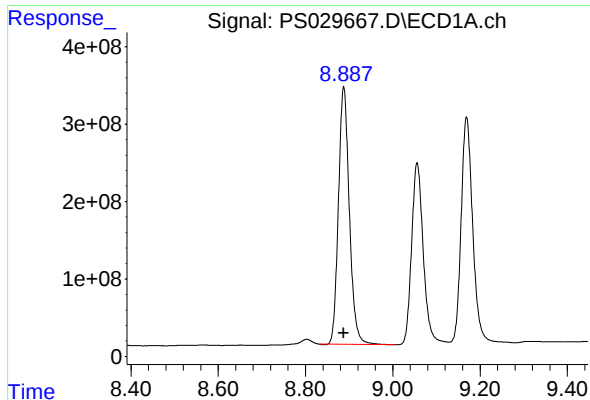
#10 Pentachlorophenol

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 14432545651
Conc: 474.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 8335914910
Conc: 464.97 ng/ml



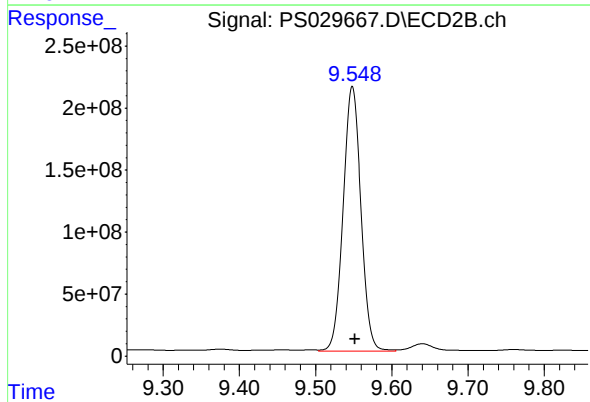
#11 2,4,5-TP (SILVEX)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 5763388979
Conc: 496.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BS

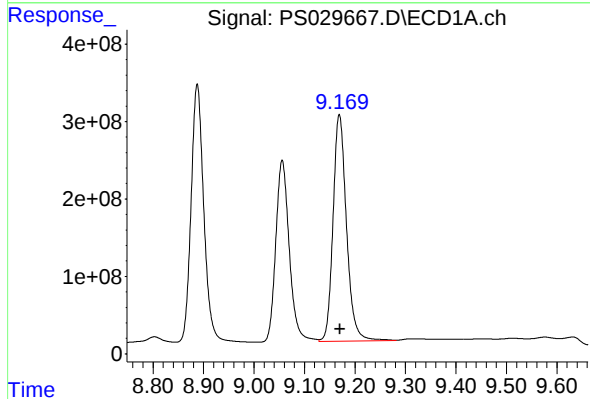
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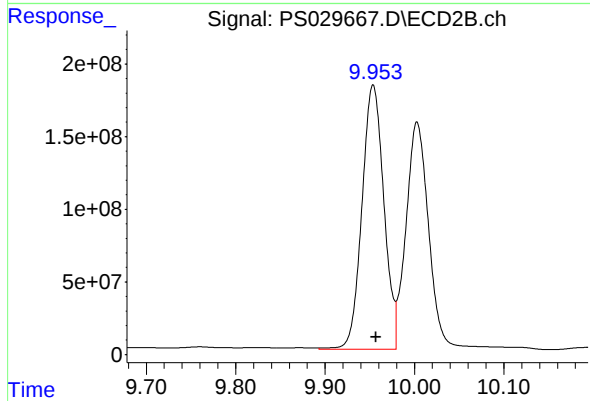
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min
Delta R.T.: -0.003 min
Response: 3471298579
Conc: 481.26 ng/ml



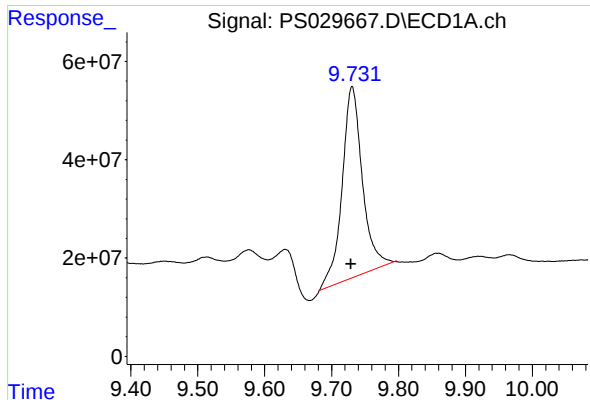
#12 2,4,5-T

R.T.: 9.169 min
Delta R.T.: 0.000 min
Response: 5415642866
Conc: 470.74 ng/ml



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 3098312240
Conc: 462.24 ng/ml



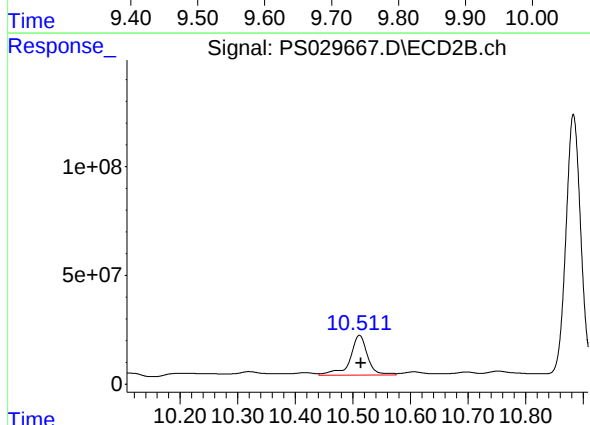
#13 2,4-DB

R.T.: 9.731 min
Delta R.T.: 0.001 min
Response: 816991957
Conc: 449.70 ng/ml

Instrument :
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ClientSampleId :
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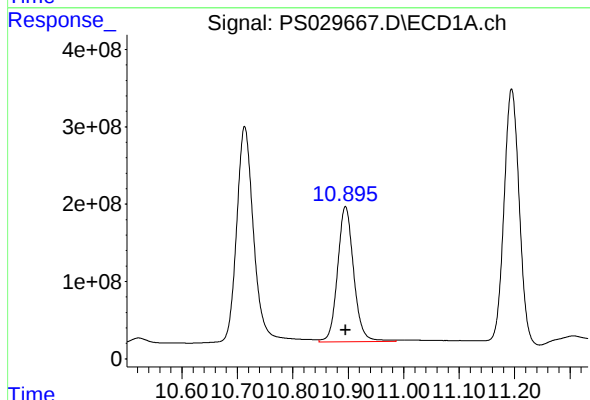
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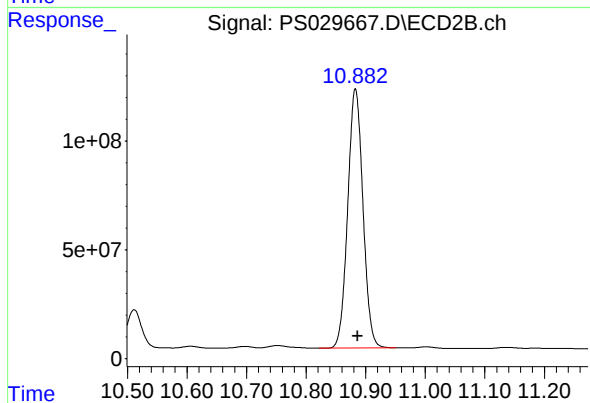
#13 2,4-DB

R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 387628794
Conc: 522.43 ng/ml



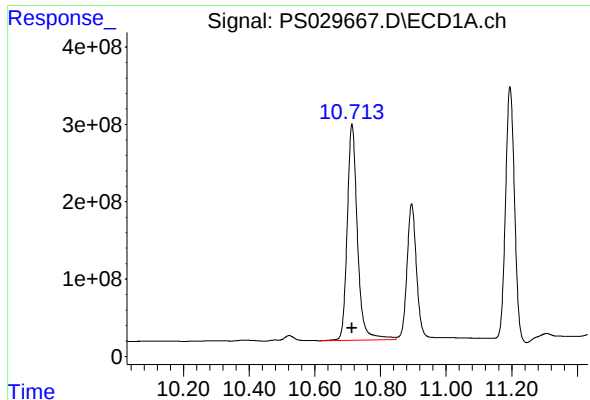
#14 DINOSEB

R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 3536038439
Conc: 418.86 ng/ml



#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.004 min
Response: 2115212941
Conc: 413.71 ng/ml



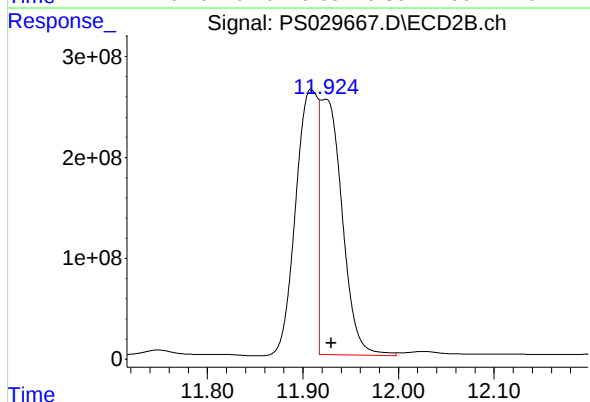
#15 Picloram

R.T.: 10.713 min
Delta R.T.: 0.000 min
Response: 6057580099
Conc: 390.80 ng/ml

Instrument :
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ClientSampleId :
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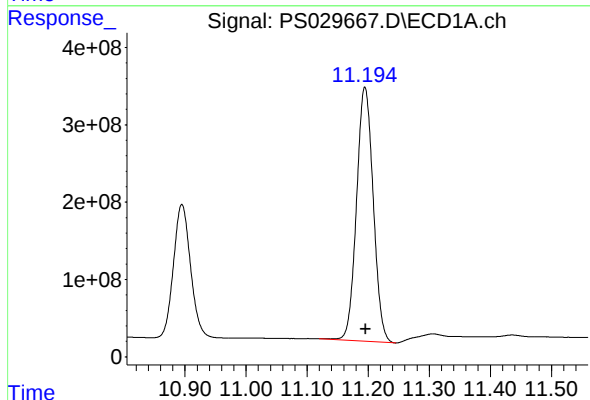
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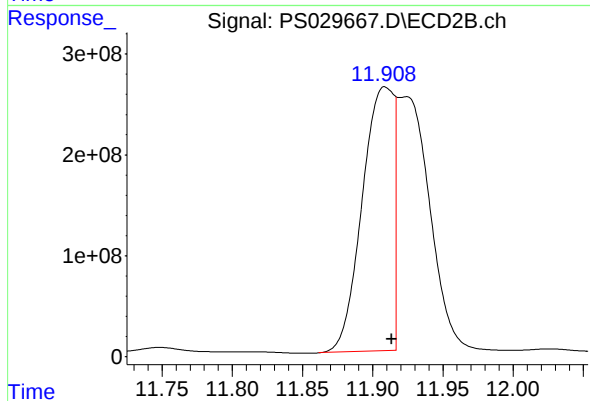
#15 Picloram

R.T.: 11.924 min
Delta R.T.: -0.005 min
Response: 4085595632
Conc: 345.52 ng/ml m



#16 DCPA

R.T.: 11.195 min
Delta R.T.: 0.000 min
Response: 6235962596
Conc: 446.51 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.006 min
Response: 4004388523
Conc: 452.44 ng/ml m