

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 13:27
 Operator : AR\AJ
 Sample : PB167871BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167871BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:26:06 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 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	6.937	7.460	1365.3E6	396.0E6	554.772m	562.022
Target Compounds							
1) T	Dalapon	2.447	2.522	1794.8E6	778.0E6	438.254m	448.126m
2) T	3,5-DICHL...	6.142	6.458	1831.8E6	504.8E6	512.557	516.419
3) T	4-Nitroph...	6.728	6.995	892.6E6	382.0E6	500.554	498.761
5) T	DICAMBA	7.114	7.646	5139.5E6	2090.3E6	518.987	529.175m
6) T	MCPD	7.291	7.753	307.6E6	86545276	47.737	49.484
7) T	MCPA	7.434	7.982	436.7E6	114.3E6	49.452	48.333m
8) T	DICHLORPROP	7.794	8.339	1297.9E6	518.7E6	512.187	516.688m
9) T	2,4-D	8.014	8.652	1454.4E6	593.7E6	517.062	526.714
10) T	Pentachlo...	8.292	9.153	18780.8E6	11268.2E6	538.362	553.862
11) T	2,4,5-TP ...	8.855	9.531	7355.0E6	4446.4E6	530.552	543.458
12) T	2,4,5-T	9.138	9.936	7513.8E6	4133.4E6	534.671	532.473
13) T	2,4-DB	9.696	10.494	1196.7E6	426.0E6	523.627	529.238
14) T	DINOSEB	10.857	10.867	5060.9E6	2987.0E6	497.465m	512.259
15) T	Picloram	10.677	11.902	8962.8E6	5947.0E6	488.955	484.138m
16) T	DCPA	11.159	11.901	9243.7E6	5946.0E6	543.078	527.514m

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

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Acq On : 06 May 2025 13:27
Operator : AR\AJ
Sample : PB167871BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

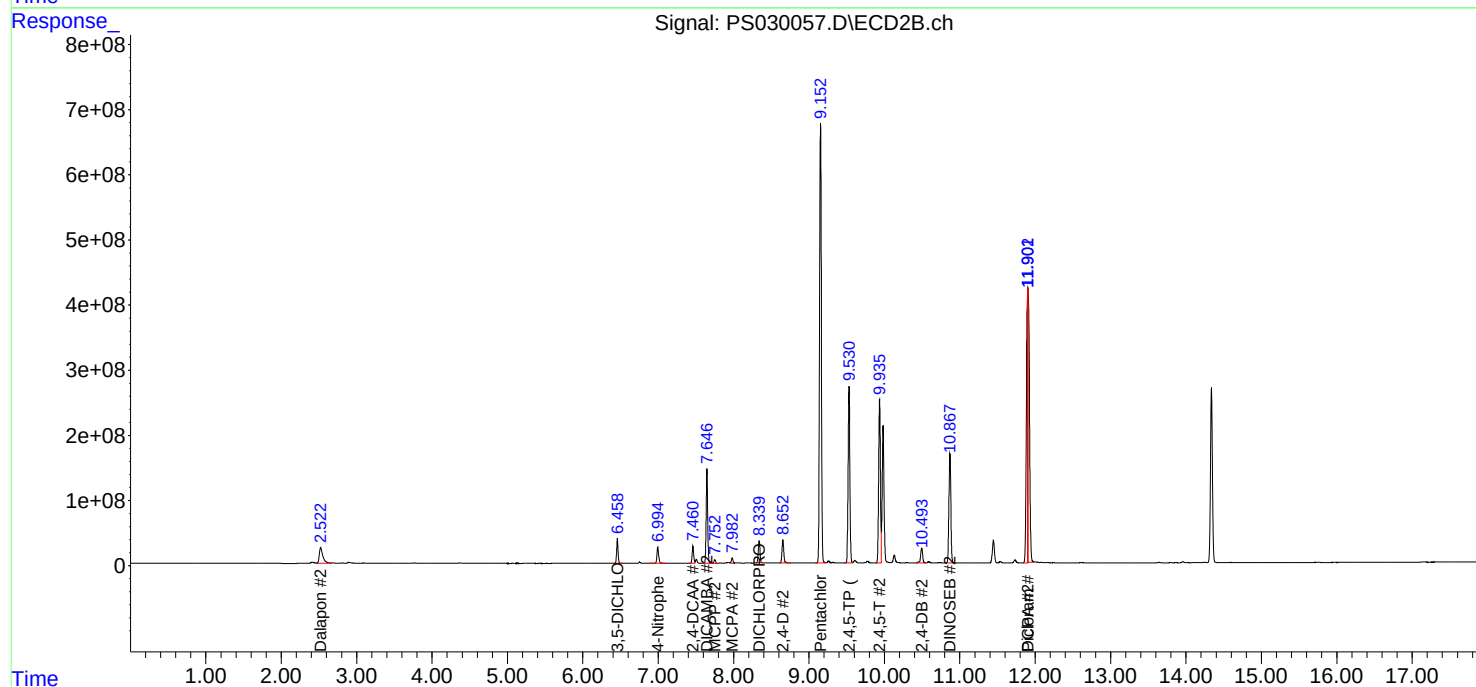
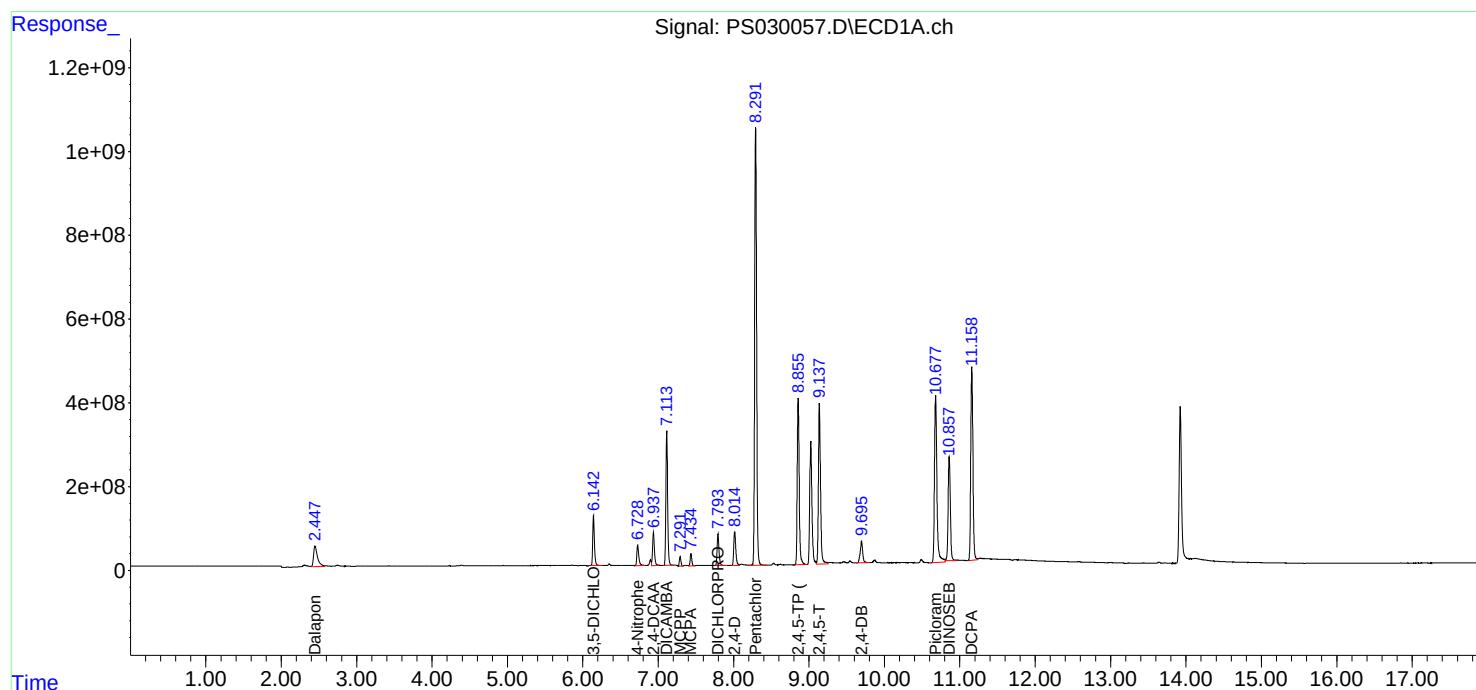
Instrument :
ECD_S
ClientSampleId :
PB167871BS

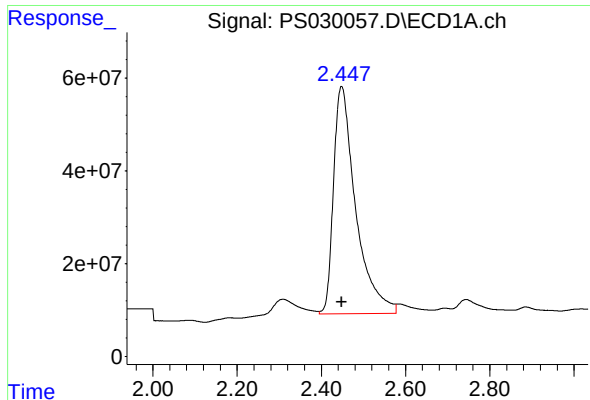
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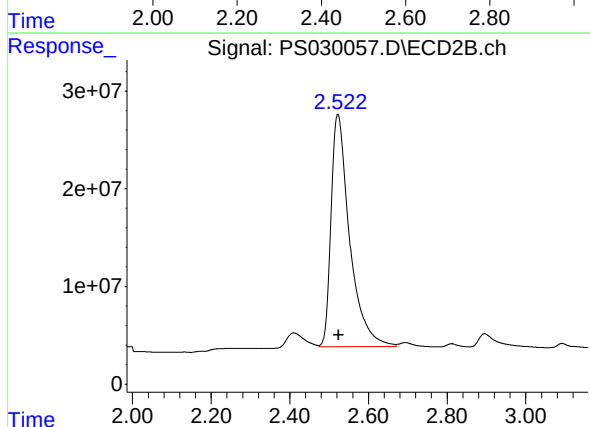
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: -0.001 min
Response: 1794762676
Conc: 438.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167871BS

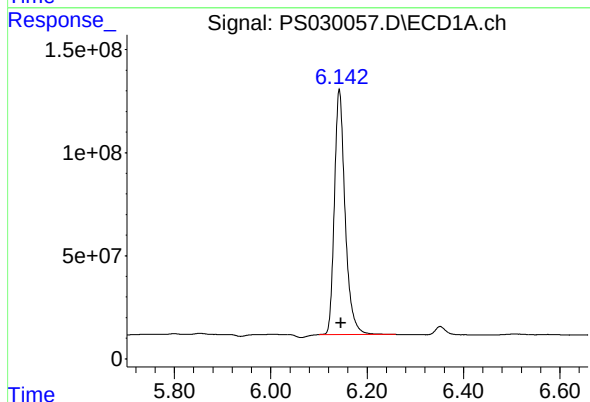
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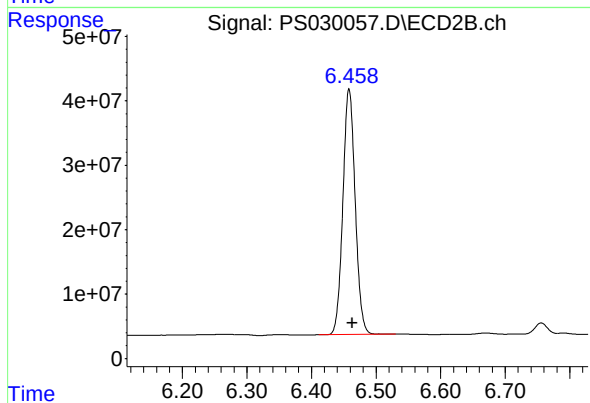
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.003 min
Response: 778011622
Conc: 448.13 ng/ml



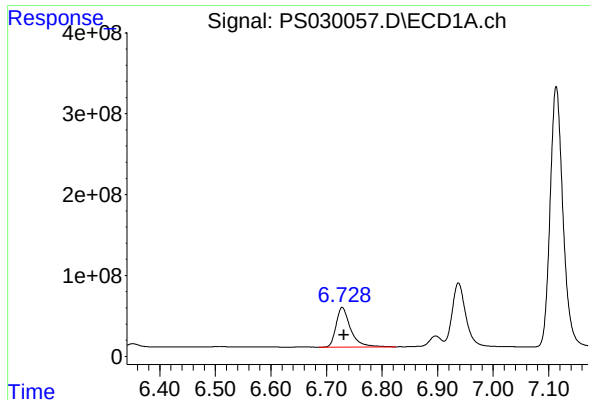
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 1831767885
Conc: 512.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 504840222
Conc: 516.42 ng/ml



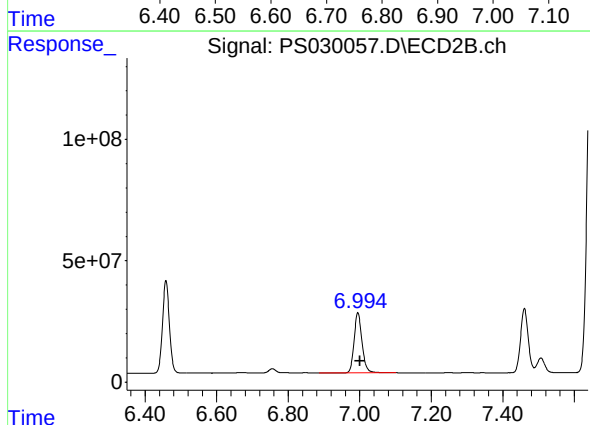
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 892647700
Conc: 500.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167871BS

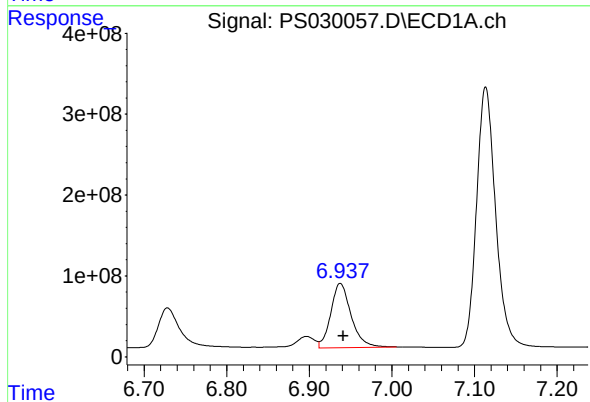
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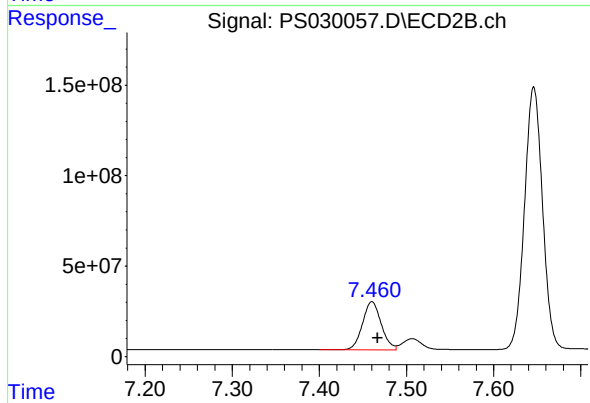
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: -0.006 min
Response: 382011633
Conc: 498.76 ng/ml



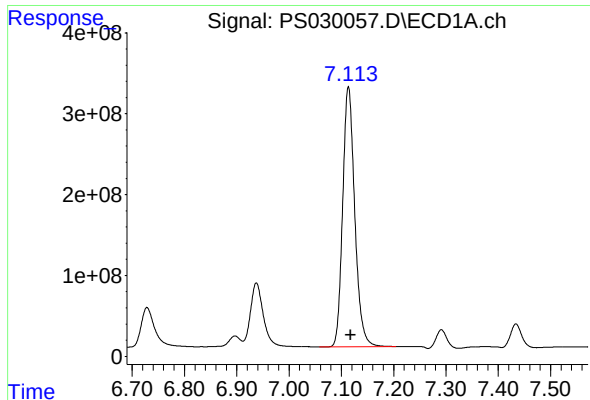
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1365337291
Conc: 554.77 ng/ml m



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 395954075
Conc: 562.02 ng/ml



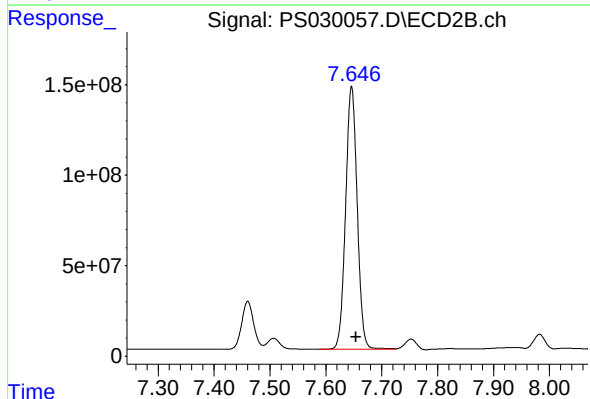
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 5139457174
Conc: 518.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167871BS

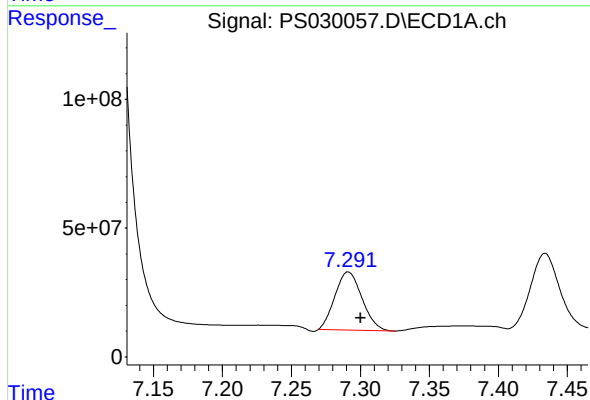
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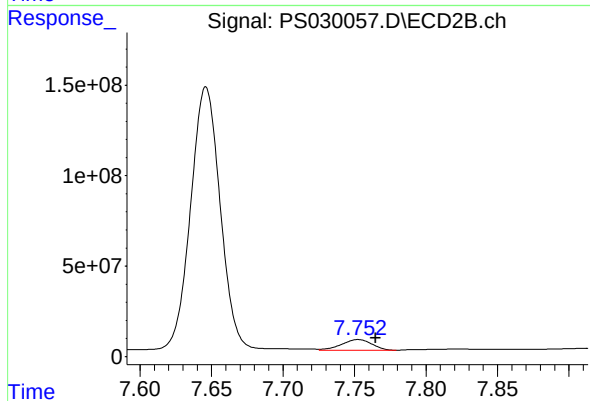
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 2090273540
Conc: 529.17 ng/ml



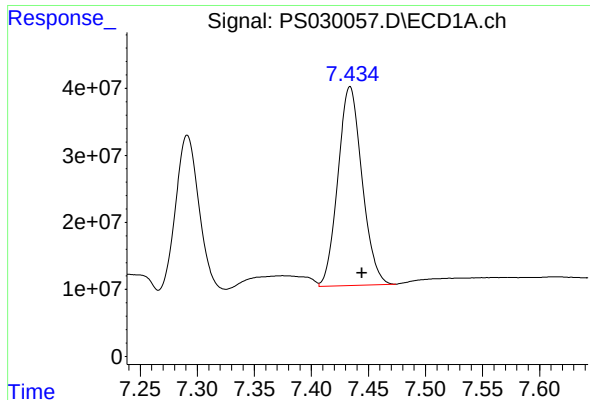
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 307600387
Conc: 47.74 ug/ml



#6 MCPP

R.T.: 7.753 min
Delta R.T.: -0.012 min
Response: 86545276
Conc: 49.48 ug/ml



#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.010 min
Response: 436726480
Conc: 49.45 ug/ml

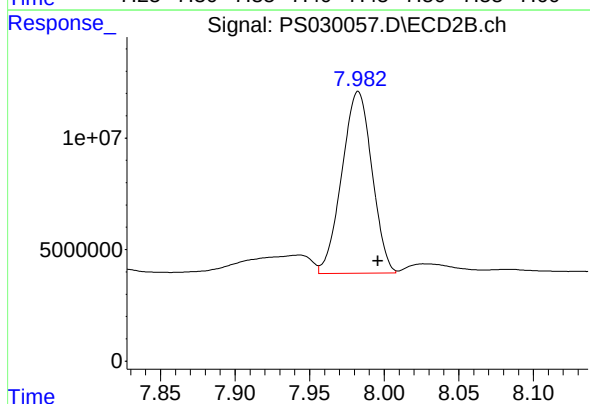
Instrument :

ECD_S

ClientSampleId :
PB167871BS

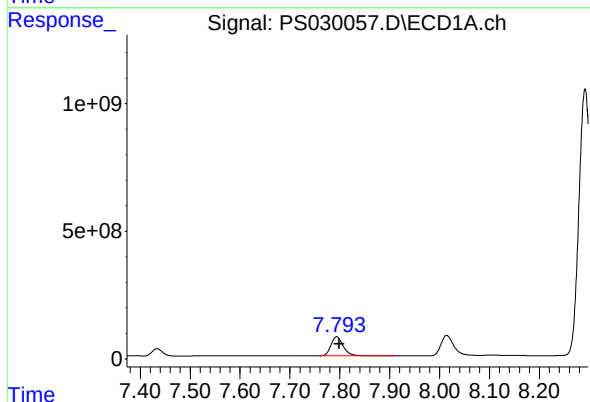
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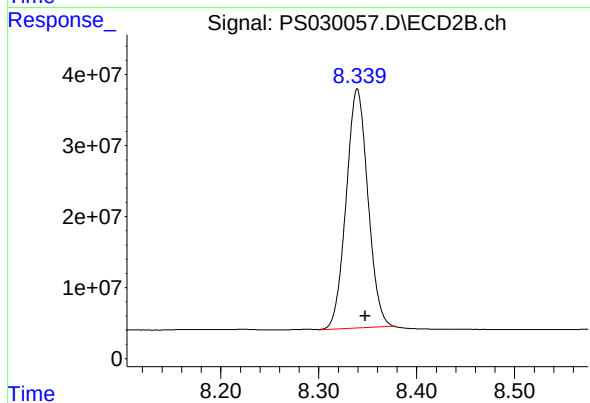
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 114346688
Conc: 48.33 ug/ml



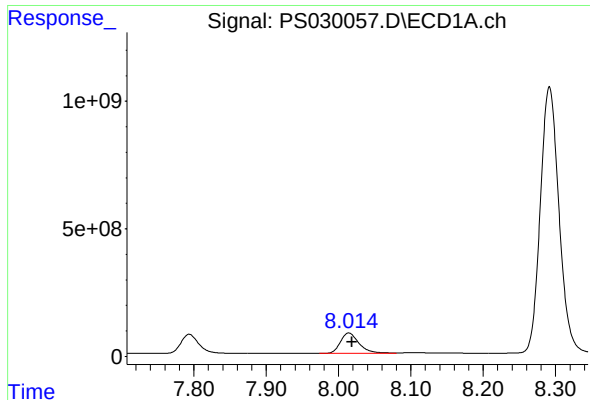
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1297937237
Conc: 512.19 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 518736759
Conc: 516.69 ng/ml



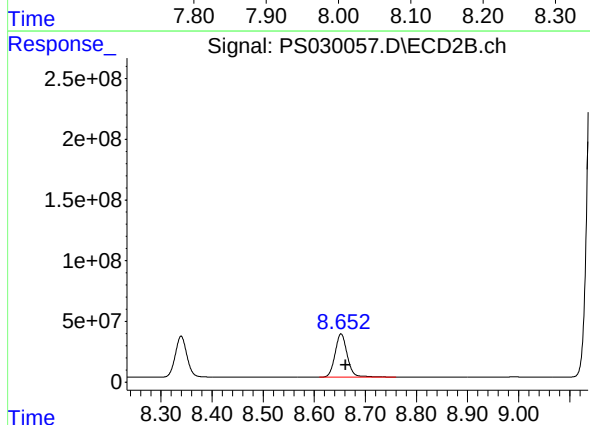
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 1454429187
Conc: 517.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167871BS

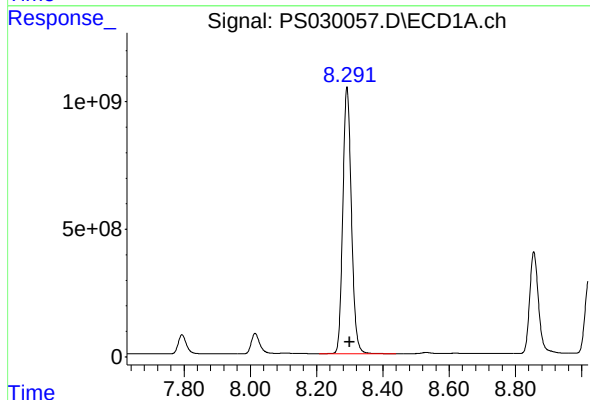
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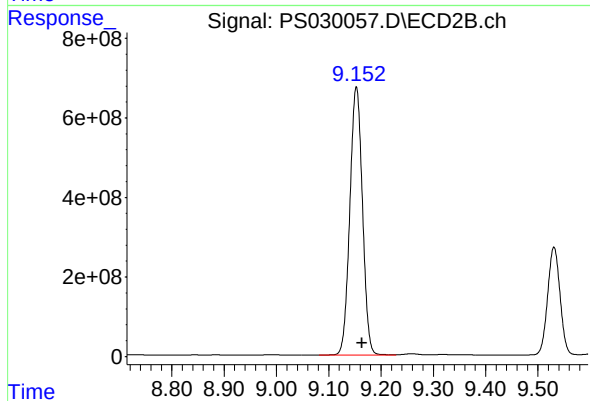
#9 2,4-D

R.T.: 8.652 min
Delta R.T.: -0.009 min
Response: 593662784
Conc: 526.71 ng/ml



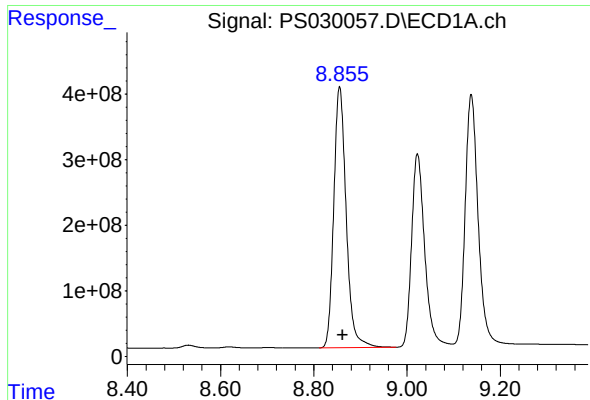
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 18780778190
Conc: 538.36 ng/ml



#10 Pentachlorophenol

R.T.: 9.153 min
Delta R.T.: -0.011 min
Response: 11268221430
Conc: 553.86 ng/ml



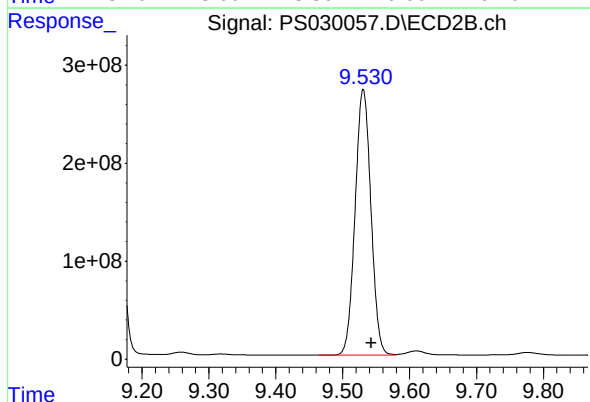
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 7354953719
Conc: 530.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167871BS

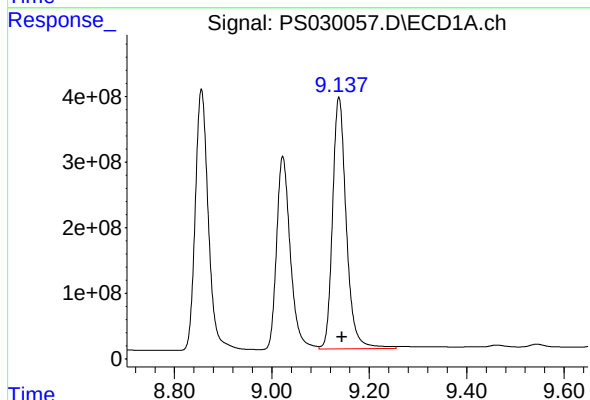
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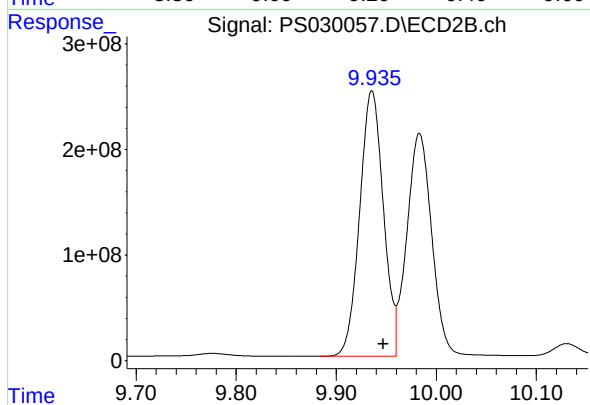
#11 2,4,5-TP (SILVEX)

R.T.: 9.531 min
Delta R.T.: -0.012 min
Response: 4446434927
Conc: 543.46 ng/ml



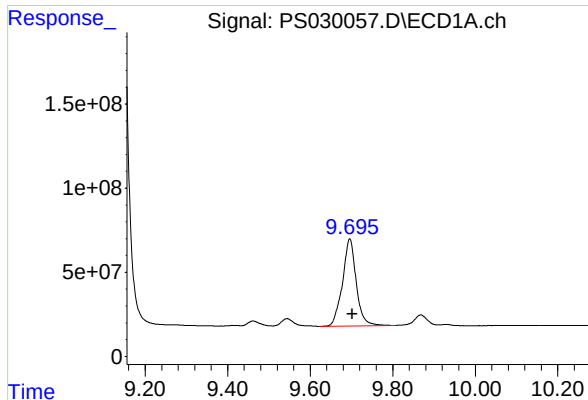
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 7513783401
Conc: 534.67 ng/ml



#12 2,4,5-T

R.T.: 9.936 min
Delta R.T.: -0.012 min
Response: 4133371460
Conc: 532.47 ng/ml



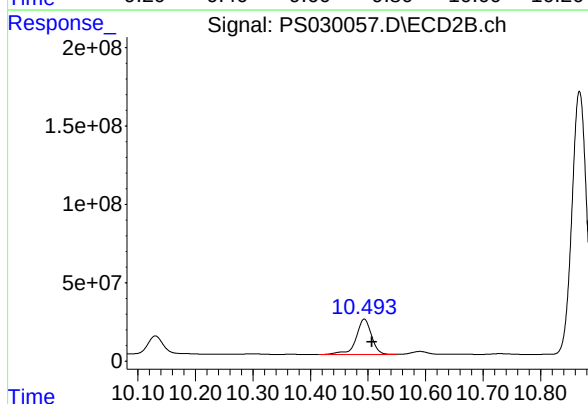
#13 2,4-DB

R.T.: 9.696 min
Delta R.T.: -0.006 min
Response: 1196675255
Conc: 523.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167871BS

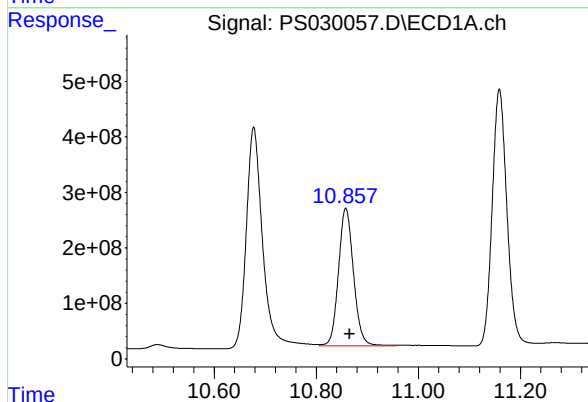
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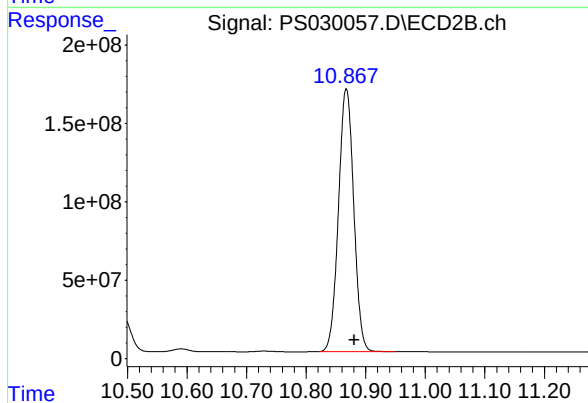
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 425952894
Conc: 529.24 ng/ml



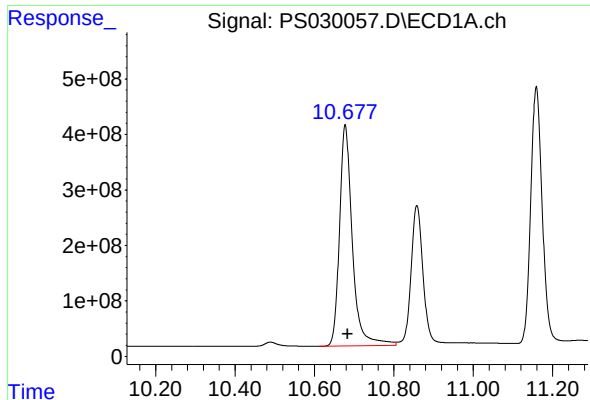
#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.009 min
Response: 5060924655
Conc: 497.47 ng/ml m



#14 DINOSEB

R.T.: 10.867 min
Delta R.T.: -0.014 min
Response: 2986971997
Conc: 512.26 ng/ml



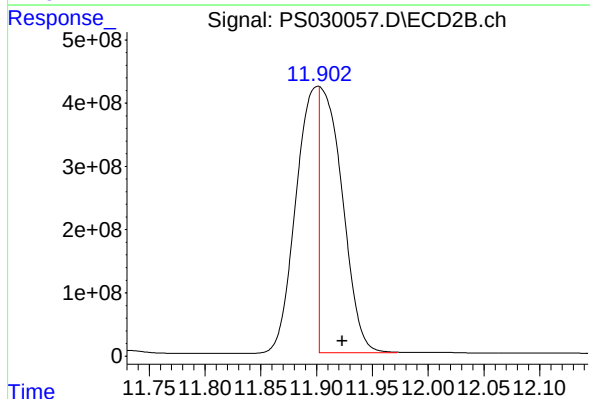
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.006 min
Response: 8962841949
Conc: 488.95 ng/ml

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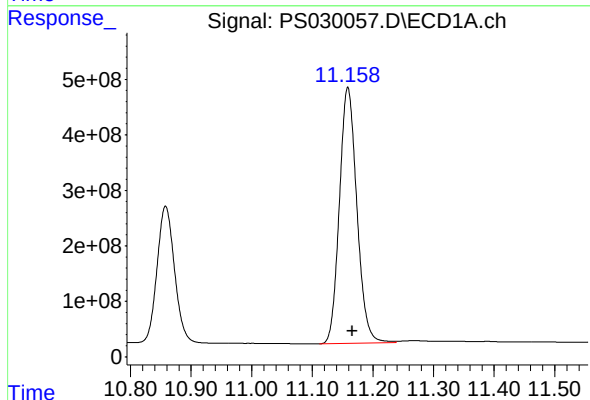
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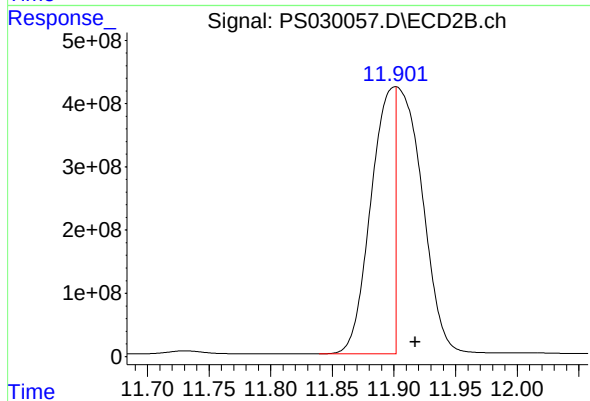
#15 Picloram

R.T.: 11.902 min
Delta R.T.: -0.021 min
Response: 5946971935
Conc: 484.14 ng/ml m



#16 DCPA

R.T.: 11.159 min
Delta R.T.: -0.007 min
Response: 9243735201
Conc: 543.08 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 5945951488
Conc: 527.51 ng/ml m