

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 18:47
 Operator : AR\AJ
 Sample : PB167433BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167433BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:59:39 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 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	6.960	7.474	1257.5E6	411.9E6	616.777	604.366
Target Compounds							
1) T	Dalapon	2.462	2.533	1911.6E6	848.4E6	563.493	534.363
2) T	3,5-DICHL...	6.162	6.469	1741.1E6	537.4E6	578.854	556.586
3) T	4-Nitroph...	6.750	7.008	799.9E6	387.1E6	569.425	545.922
5) T	DICAMBA	7.136	7.661	4833.6E6	2090.8E6	580.831	566.100
6) T	MCPD	7.314	7.765	311.4E6	95590470	57.450	56.613
7) T	MCPA	7.456	7.997	409.7E6	129.9E6	56.369	57.107
8) T	DICHLORPROP	7.818	8.355	1269.8E6	544.0E6	577.326	563.062
9) T	2,4-D	8.038	8.669	1401.0E6	613.3E6	581.432	568.660
10) T	Pentachlo...	8.317	9.171	17809.9E6	10539.7E6	585.757	587.900
11) T	2,4,5-TP ...	8.883	9.549	6862.4E6	4207.9E6	590.805	583.386
12) T	2,4,5-T	9.165	9.954	6848.6E6	3919.2E6	595.298	584.702
13) T	2,4-DB	9.726	10.511	1069.7E6	423.5E6	588.789	570.818
14) T	DINOSEB	10.890	10.883	4947.3E6	2907.7E6	586.034	568.701
15) T	Picloram	10.708	11.923	8919.6E6	5205.9E6	575.443	440.265m
16) T	DCPA	11.191	11.910	8385.5E6	4632.5E6	600.416	523.403m

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

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Operator : AR\AJ
Sample : PB167433BS
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ALS Vial : 17 Sample Multiplier: 1

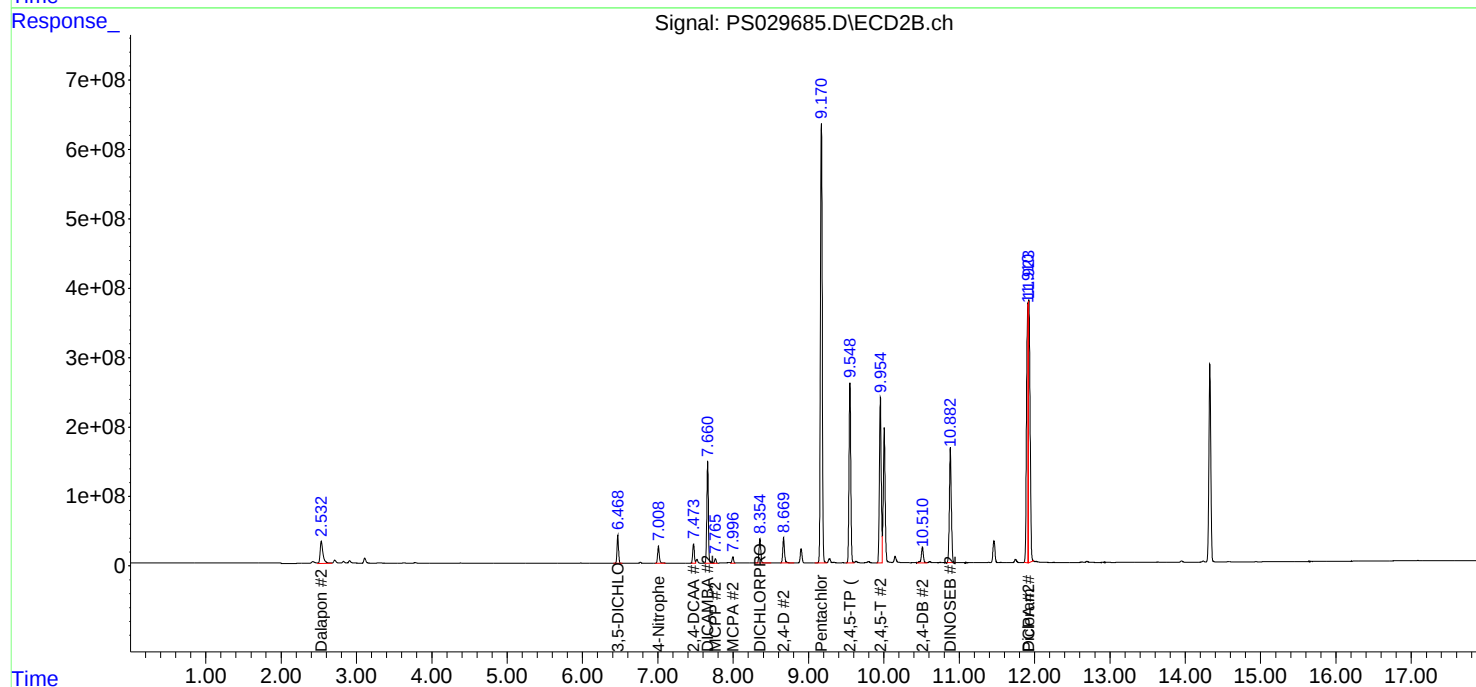
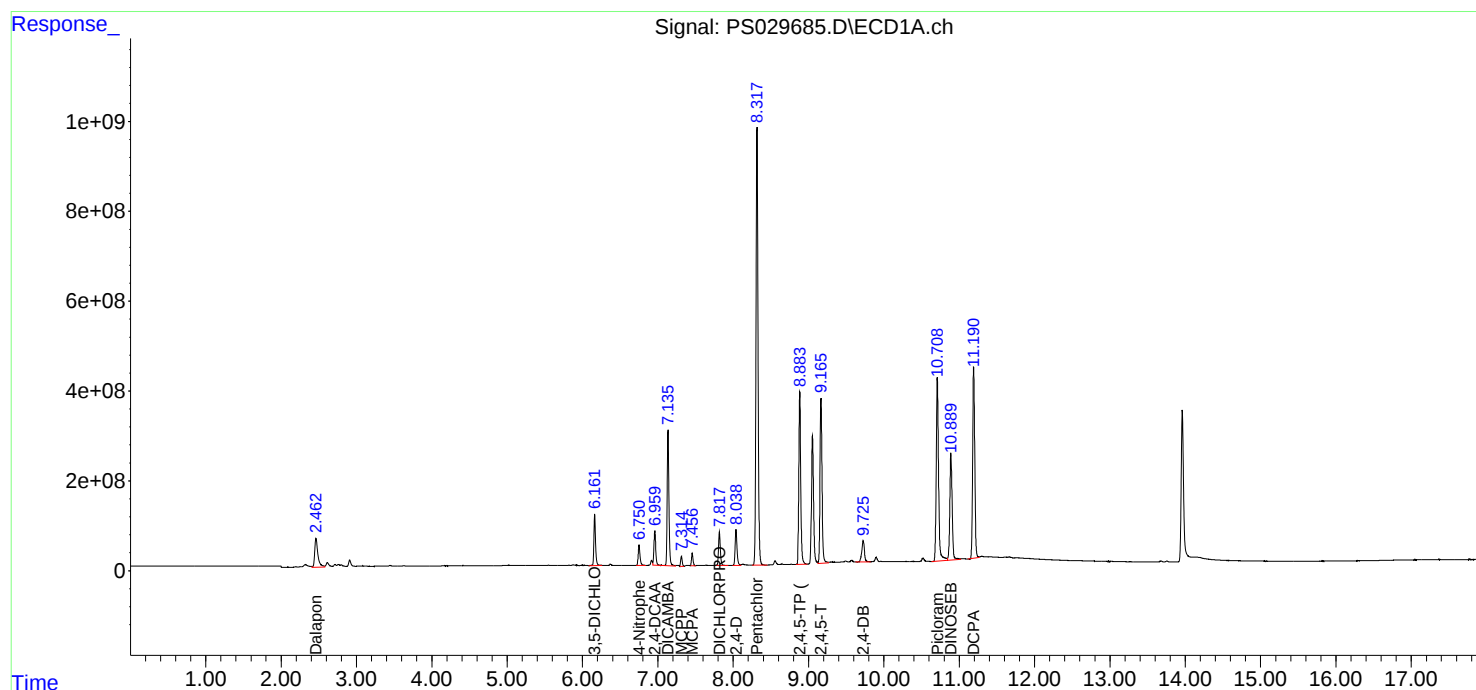
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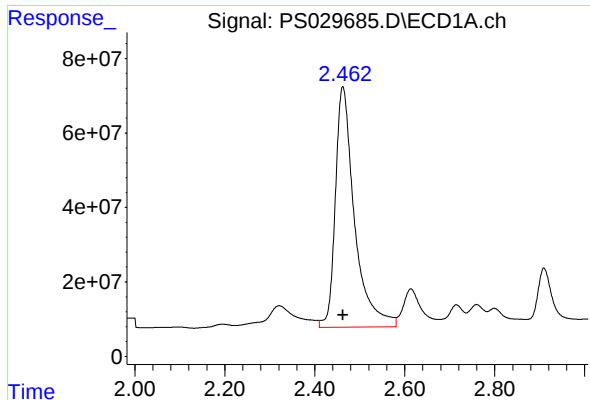
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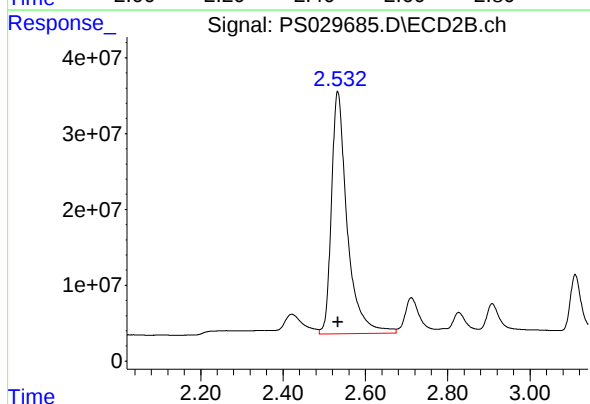
#1 Dalapon

R.T.: 2.462 min
Delta R.T.: 0.000 min
Response: 1911591396
Conc: 563.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167433BS

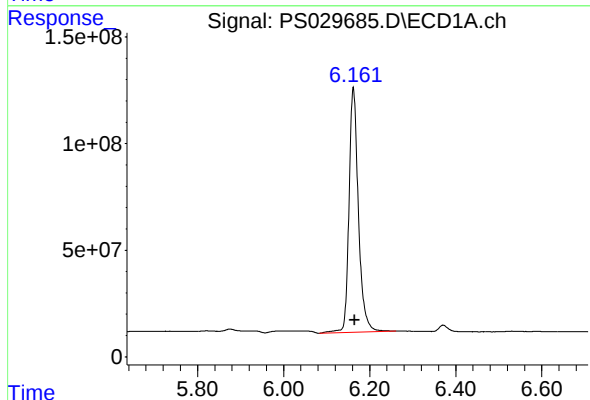
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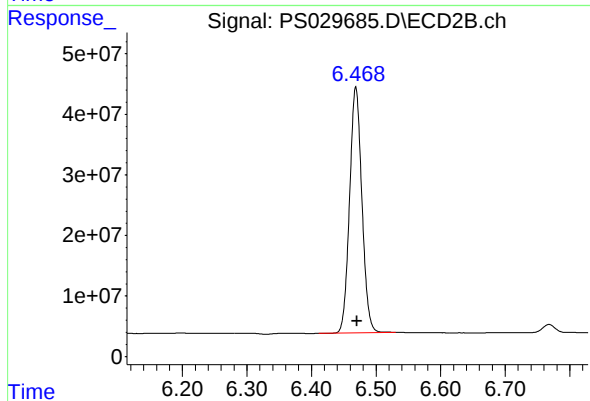
#1 Dalapon

R.T.: 2.533 min
Delta R.T.: 0.000 min
Response: 848352342
Conc: 534.36 ng/ml



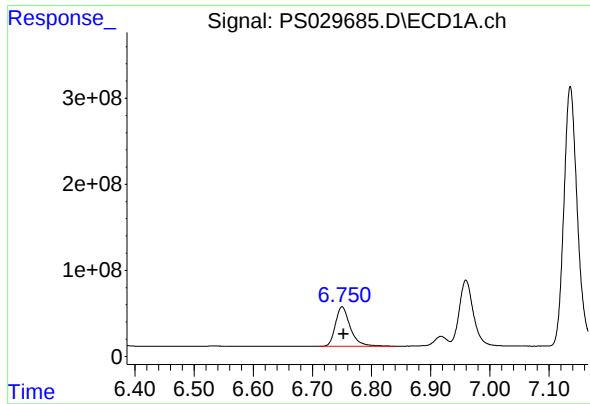
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 1741054987
Conc: 578.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 537415374
Conc: 556.59 ng/ml



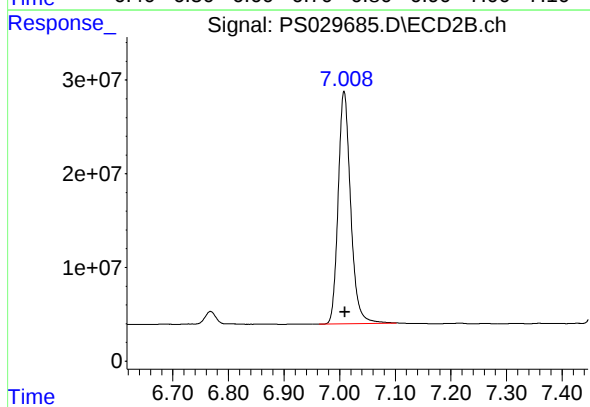
#3 4-Nitrophenol

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 799927505
Conc: 569.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167433BS

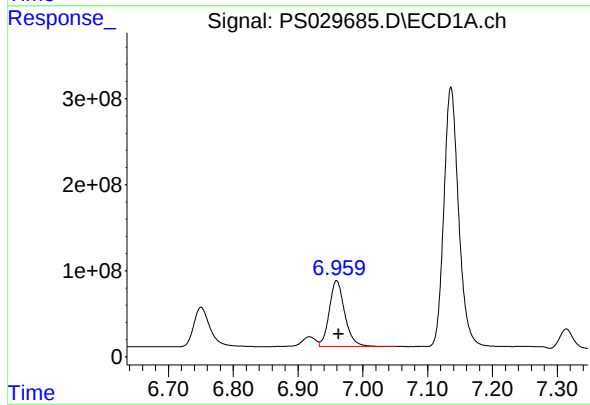
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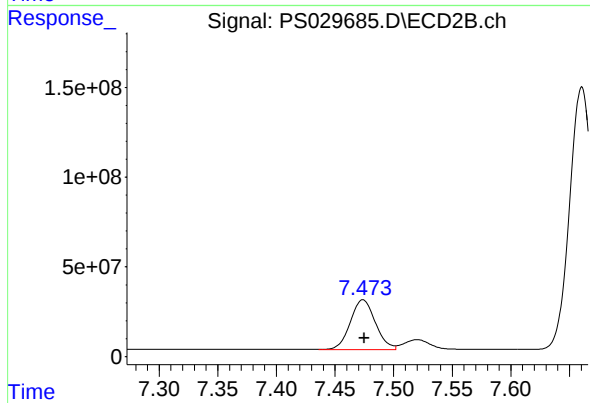
#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 387057623
Conc: 545.92 ng/ml



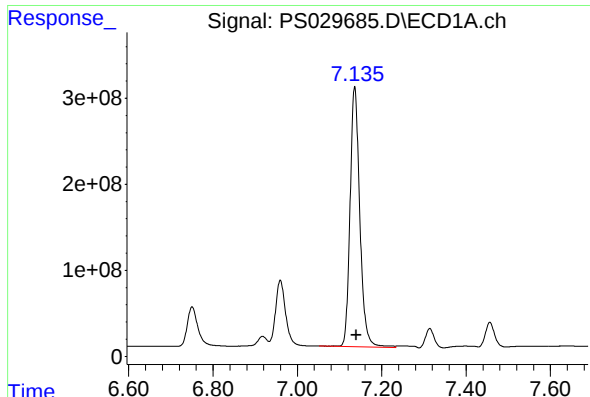
#4 2,4-DCAA

R.T.: 6.960 min
Delta R.T.: -0.003 min
Response: 1257503887
Conc: 616.78 ng/ml



#4 2,4-DCAA

R.T.: 7.474 min
Delta R.T.: -0.001 min
Response: 411883202
Conc: 604.37 ng/ml



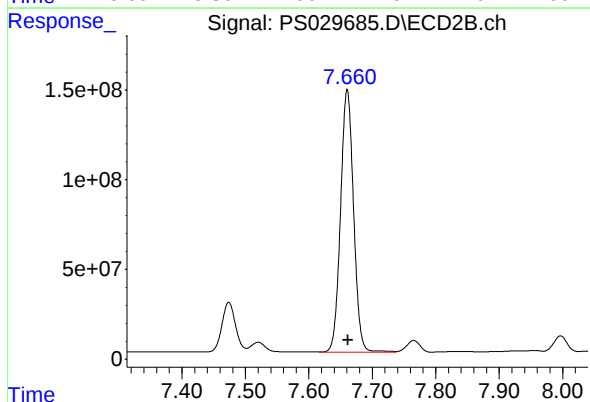
#5 DICAMBA

R.T.: 7.136 min
Delta R.T.: -0.004 min
Response: 4833639958
Conc: 580.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167433BS

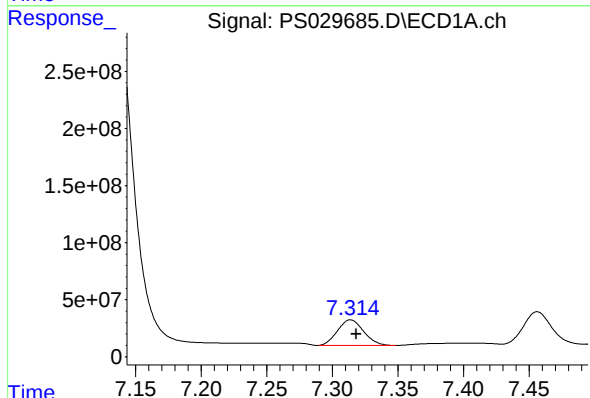
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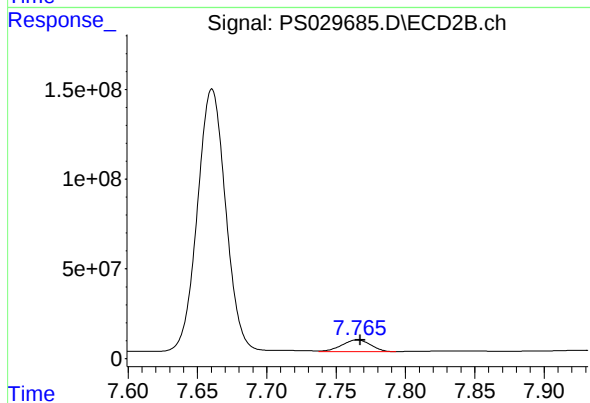
#5 DICAMBA

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 2090816829
Conc: 566.10 ng/ml



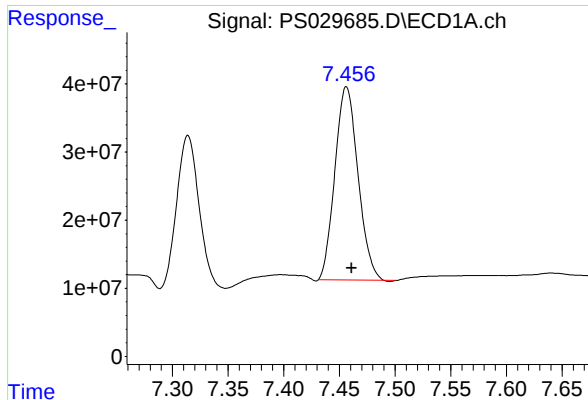
#6 MCPP

R.T.: 7.314 min
Delta R.T.: -0.004 min
Response: 311369068
Conc: 57.45 ug/ml



#6 MCPP

R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 95590470
Conc: 56.61 ug/ml



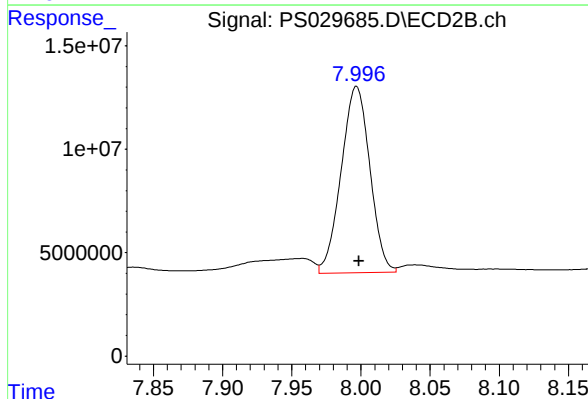
#7 MCPA

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 409747019
Conc: 56.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167433BS

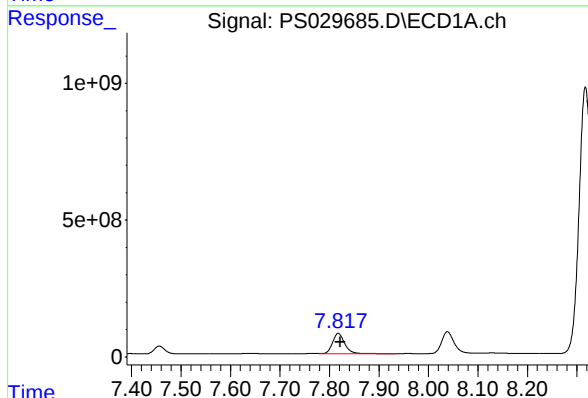
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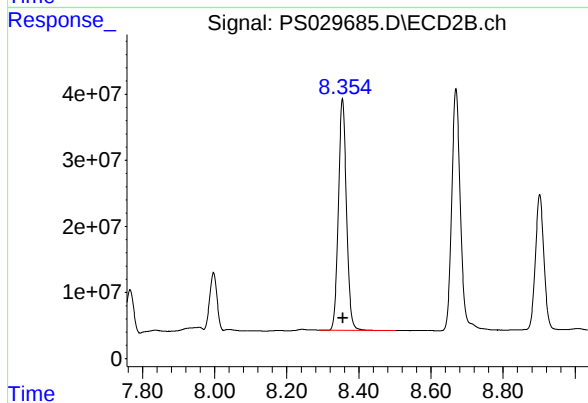
#7 MCPA

R.T.: 7.997 min
Delta R.T.: -0.002 min
Response: 129933125
Conc: 57.11 ug/ml



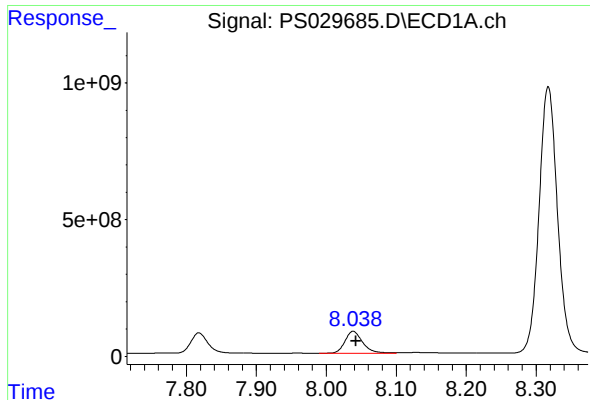
#8 DICHLORPROP

R.T.: 7.818 min
Delta R.T.: -0.004 min
Response: 1269792505
Conc: 577.33 ng/ml



#8 DICHLORPROP

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 544003970
Conc: 563.06 ng/ml



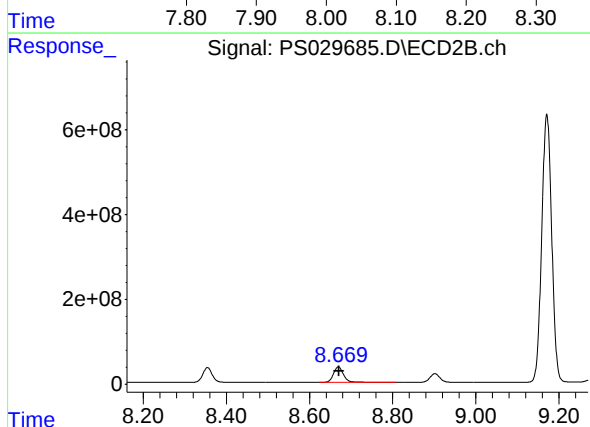
#9 2,4-D

R.T.: 8.038 min
Delta R.T.: -0.004 min
Response: 1401011795
Conc: 581.43 ng/ml

Instrument :
ECD_S
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PB167433BS

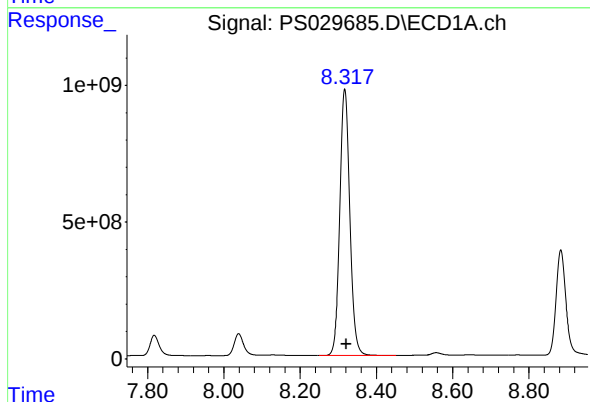
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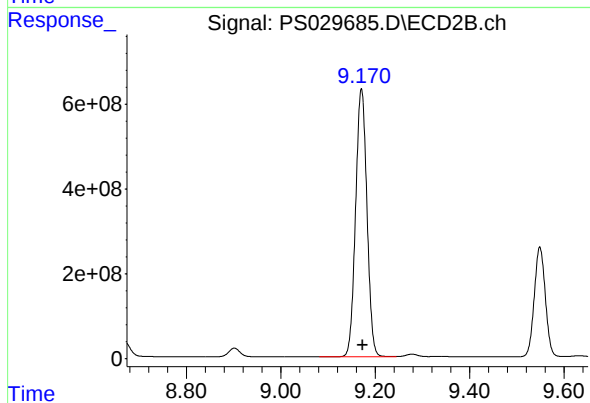
#9 2,4-D

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 613279265
Conc: 568.66 ng/ml



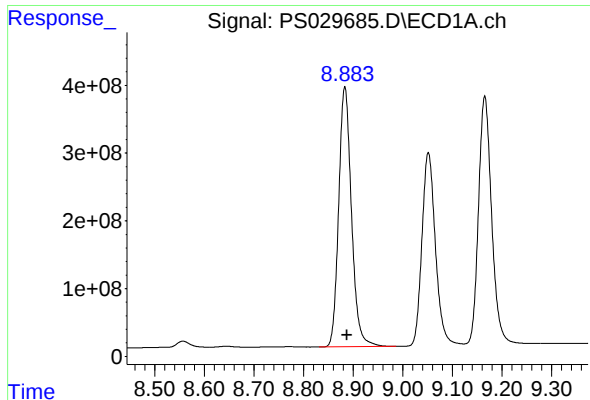
#10 Pentachlorophenol

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 17809932514
Conc: 585.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.171 min
Delta R.T.: -0.002 min
Response: 10539698767
Conc: 587.90 ng/ml



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

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 6862408085
Conc: 590.80 ng/ml

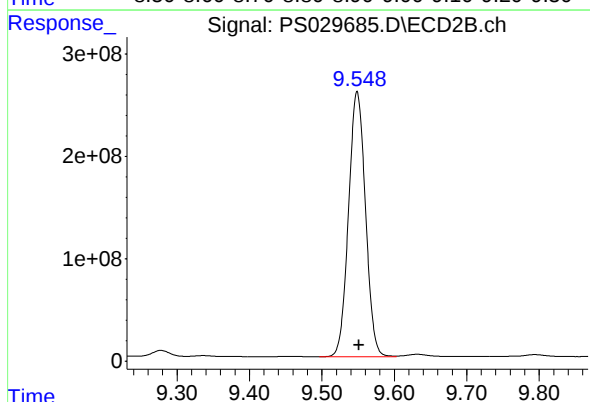
Instrument :

ECD_S

ClientSampleId :
PB167433BS

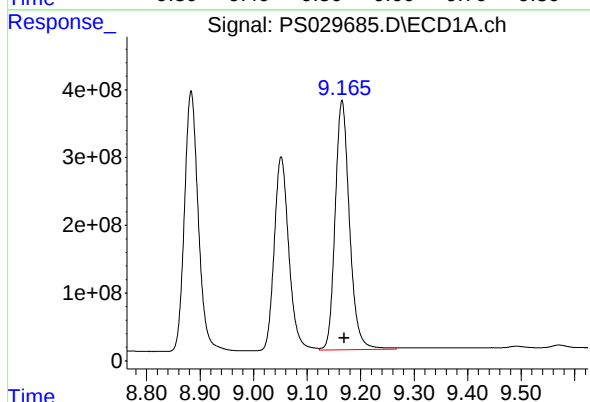
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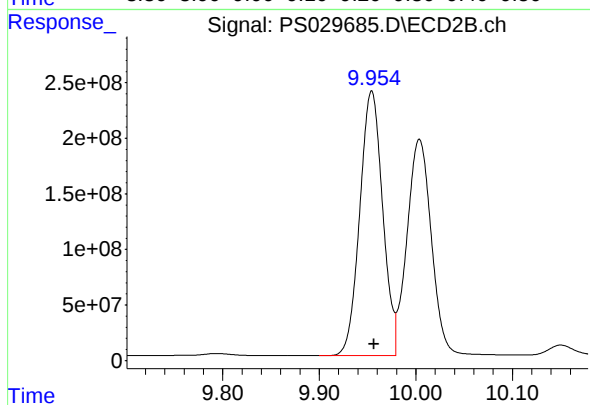
#11 2,4,5-TP (SILVEX)

R.T.: 9.549 min
Delta R.T.: -0.003 min
Response: 4207936990
Conc: 583.39 ng/ml



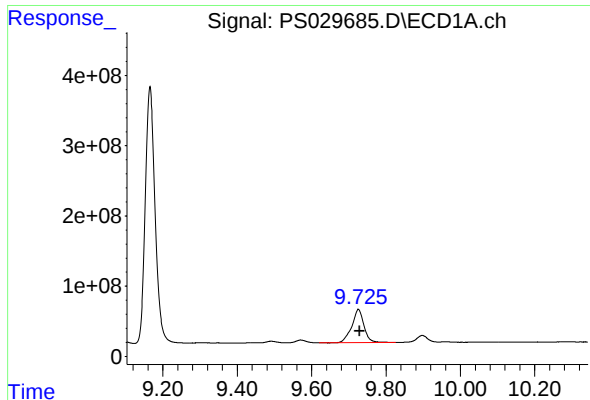
#12 2,4,5-T

R.T.: 9.165 min
Delta R.T.: -0.005 min
Response: 6848564593
Conc: 595.30 ng/ml



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 3919161725
Conc: 584.70 ng/ml



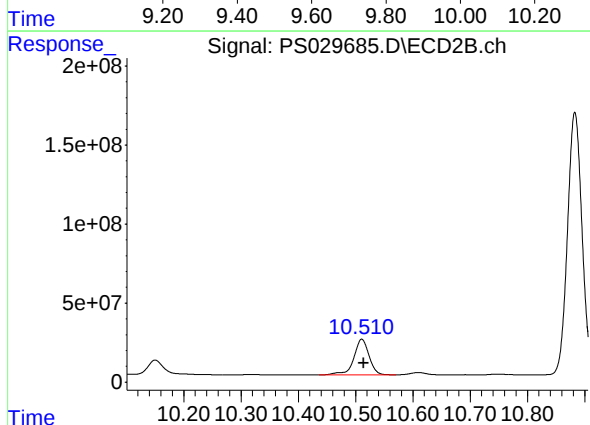
#13 2,4-DB

R.T.: 9.726 min
Delta R.T.: -0.004 min
Response: 1069678498
Conc: 588.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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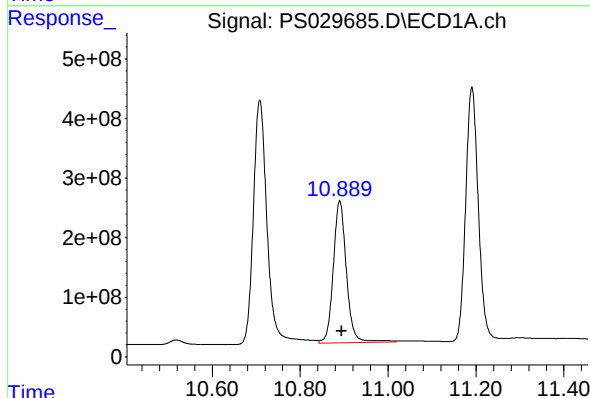
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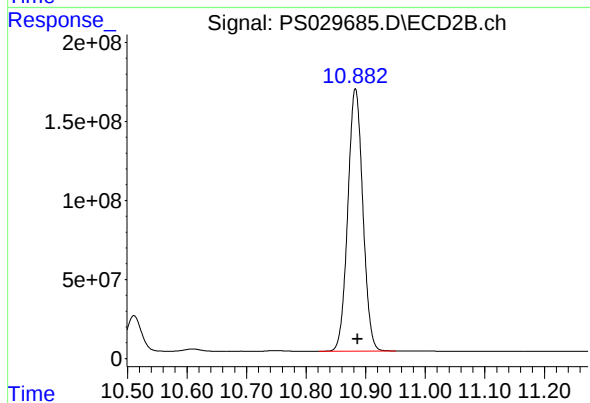
#13 2,4-DB

R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 423533037
Conc: 570.82 ng/ml



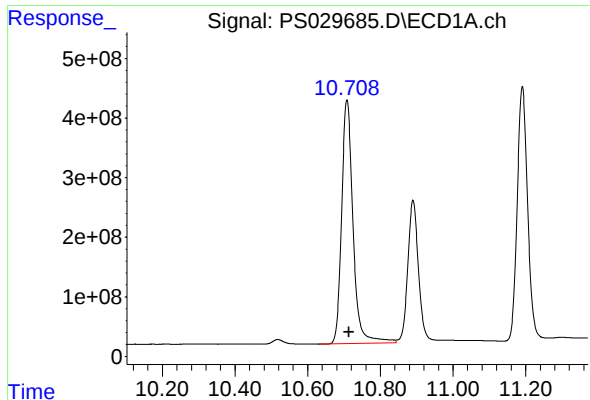
#14 DINOSEB

R.T.: 10.890 min
Delta R.T.: -0.005 min
Response: 4947319644
Conc: 586.03 ng/ml



#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.004 min
Response: 2907657328
Conc: 568.70 ng/ml



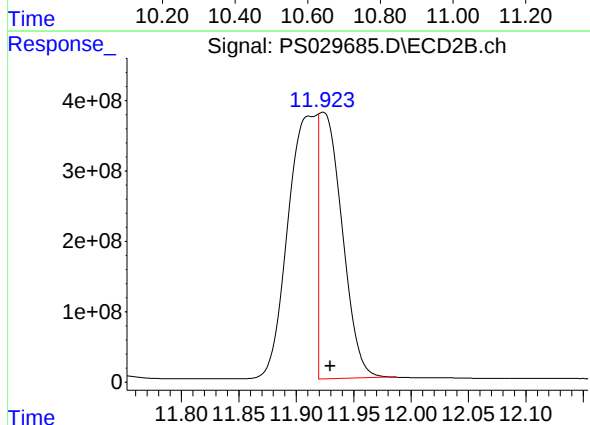
#15 Picloram

R.T.: 10.708 min
Delta R.T.: -0.005 min
Response: 8919596127
Conc: 575.44 ng/ml

Instrument :
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PB167433BS

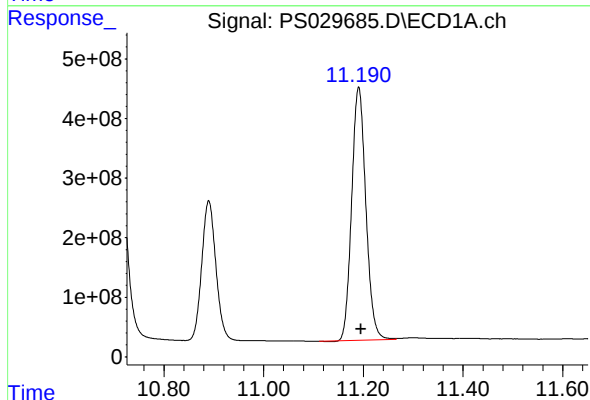
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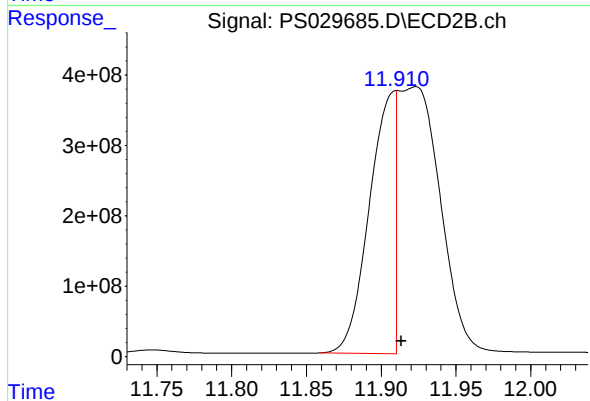
#15 Picloram

R.T.: 11.923 min
Delta R.T.: -0.007 min
Response: 5205880725
Conc: 440.26 ng/ml m



#16 DCPA

R.T.: 11.191 min
Delta R.T.: -0.005 min
Response: 8385473352
Conc: 600.42 ng/ml



#16 DCPA

R.T.: 11.910 min
Delta R.T.: -0.003 min
Response: 4632462881
Conc: 523.40 ng/ml m