

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:58
 Operator : AR\AJ
 Sample : PB167527BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167527BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 05:20:38 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	6.947	7.465	1151.9E6	379.1E6	564.983	556.264
Target Compounds							
1) T	Dalapon	2.458	2.529	1714.2E6	751.1E6	505.301	473.085
2) T	3,5-DICHL...	6.151	6.461	1639.7E6	486.2E6	545.160m	503.572
3) T	4-Nitroph...	6.738	7.000	779.9E6	346.4E6	555.150	488.550
5) T	DICAMBA	7.124	7.651	4447.4E6	1924.2E6	534.421	520.997
6) T	MCP	7.301	7.756	281.6E6	84000898	51.959	49.750
7) T	MCPA	7.442	7.987	393.9E6	116.5E6	54.194m	51.204
8) T	DICHLORPROP	7.804	8.344	1192.0E6	521.8E6	541.979	540.079
9) T	2,4-D	8.024	8.658	1376.7E6	580.0E6	571.351	537.804
10) T	Pentachlo...	8.303	9.159	17034.5E6	10029.8E6	560.253	559.458
11) T	2,4,5-TP ...	8.868	9.536	6488.7E6	4003.3E6	558.628	555.013
12) T	2,4,5-T	9.149	9.940	6470.4E6	3717.7E6	562.425	554.643
13) T	2,4-DB	9.709	10.497	983.6E6	392.3E6	541.433	528.760
14) T	DINOSEB	10.872	10.869	4630.3E6	2753.1E6	548.483	538.479
15) T	Picloram	10.690	11.907	8599.5E6	4863.2E6	554.791	411.286m#
16) T	DCPA	11.172	11.897	8028.7E6	4588.2E6	574.869	518.402m

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

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Operator : AR\AJ
Sample : PB167527BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

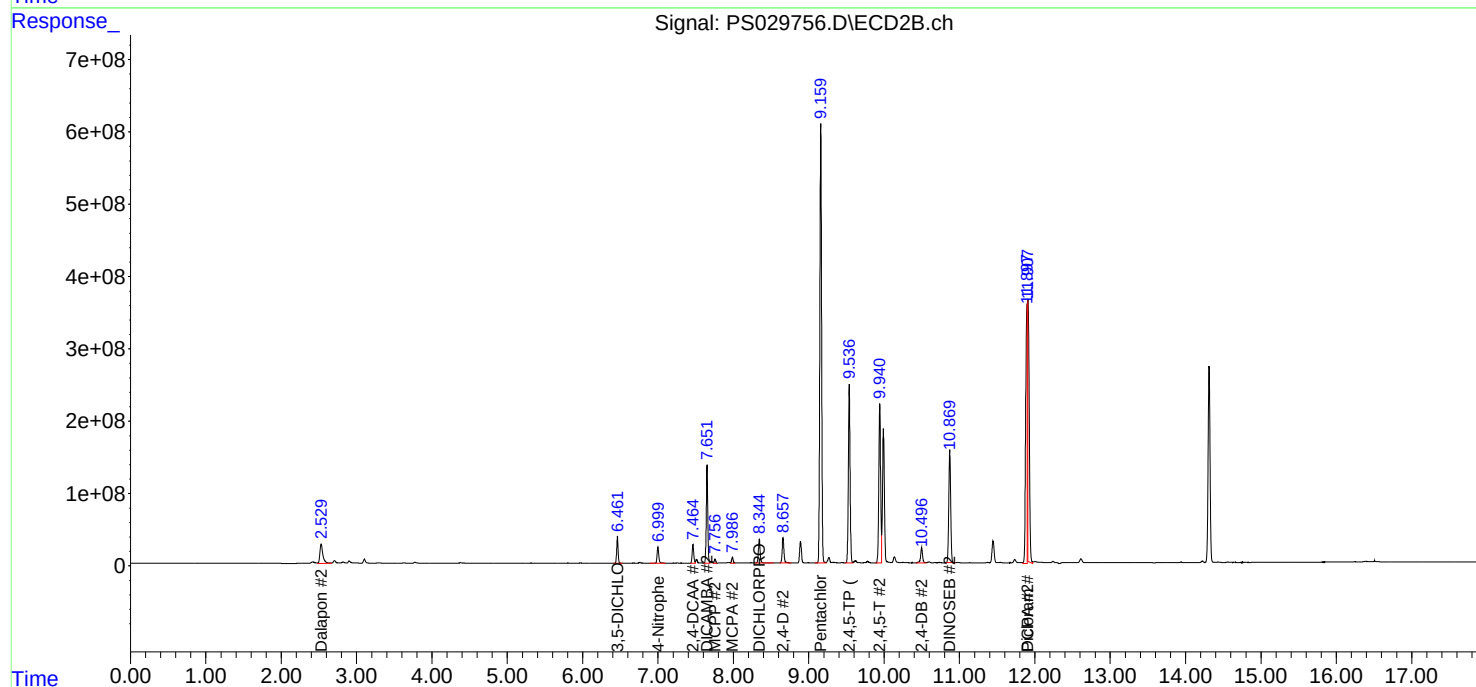
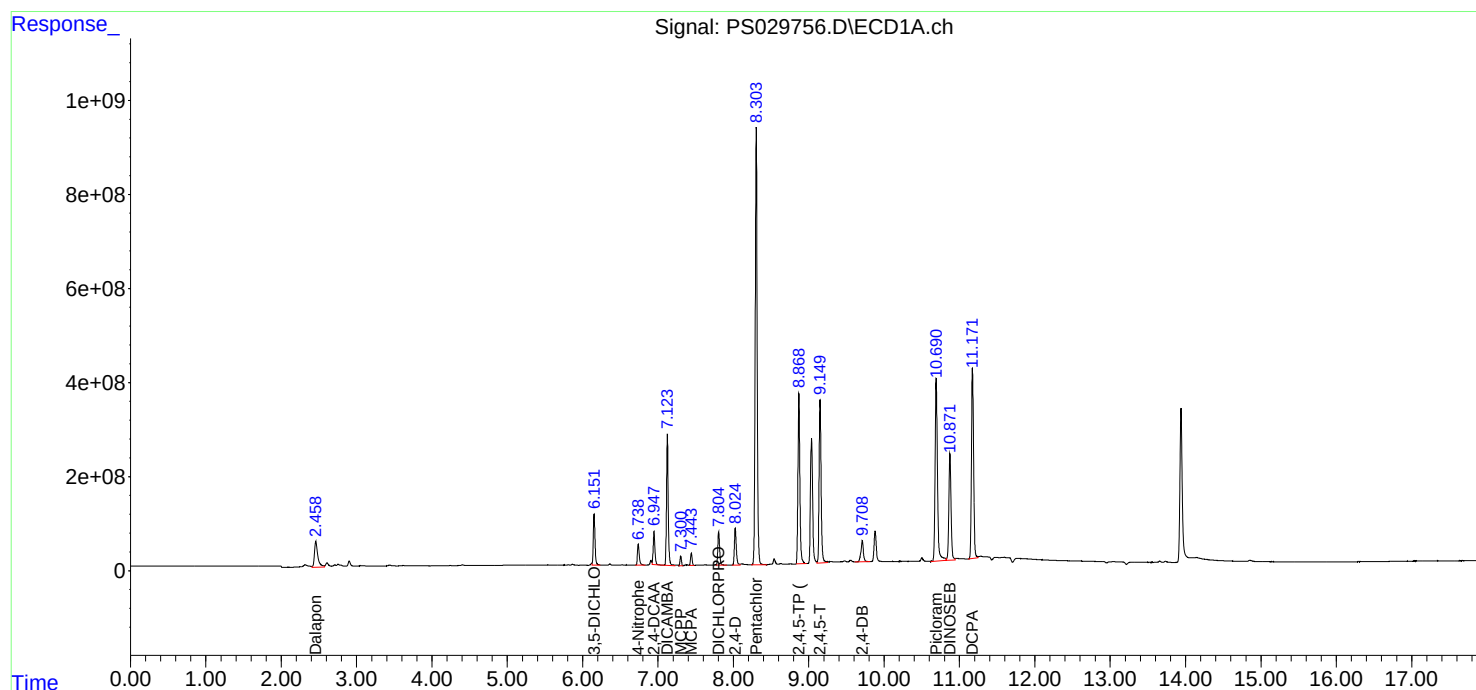
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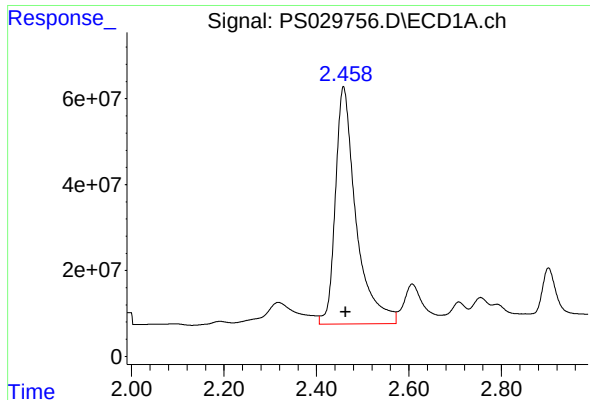
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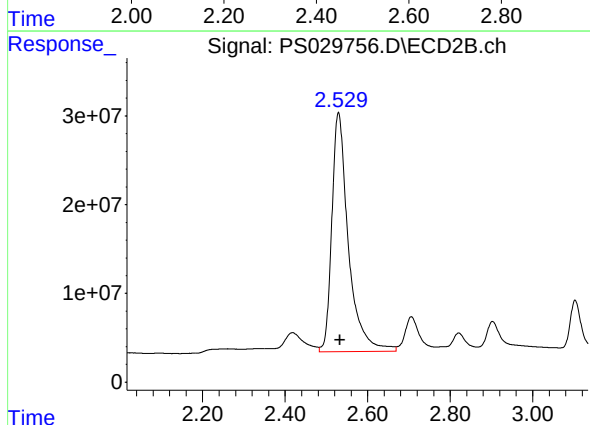
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: -0.005 min
Response: 1714180628
Conc: 505.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167527BS

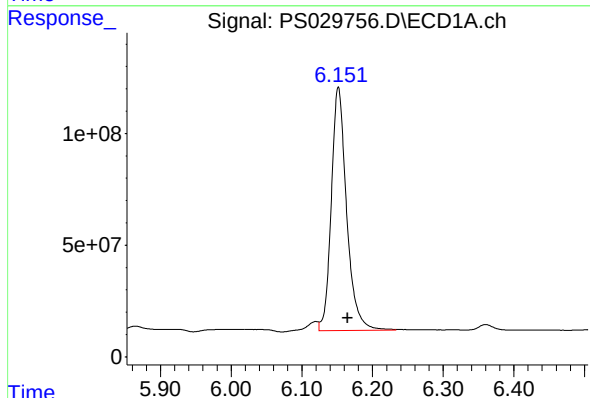
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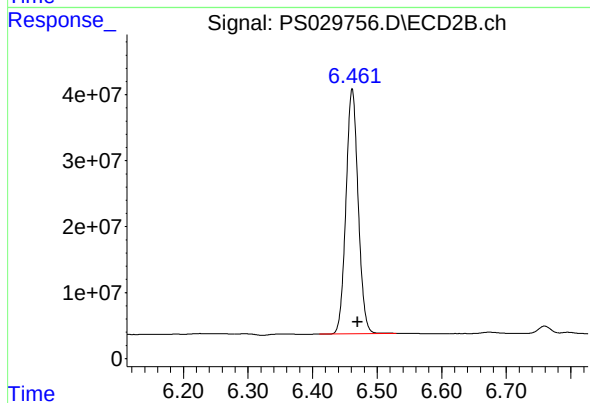
#1 Dalapon

R.T.: 2.529 min
Delta R.T.: -0.004 min
Response: 751068427
Conc: 473.09 ng/ml



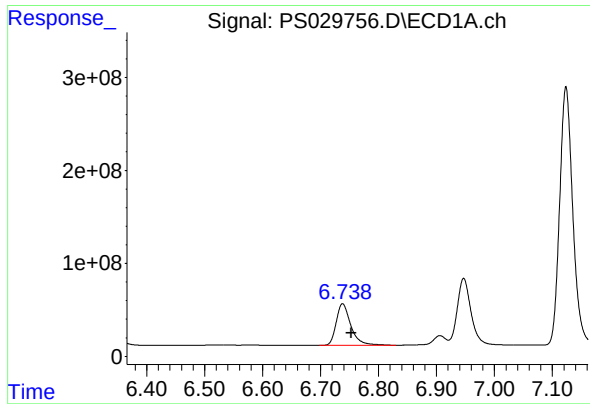
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 1639710278
Conc: 545.16 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.461 min
Delta R.T.: -0.009 min
Response: 486227226
Conc: 503.57 ng/ml



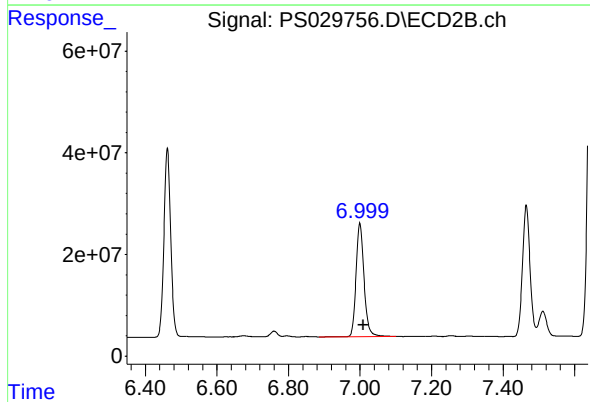
#3 4-Nitrophenol

R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 779874431
Conc: 555.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167527BS

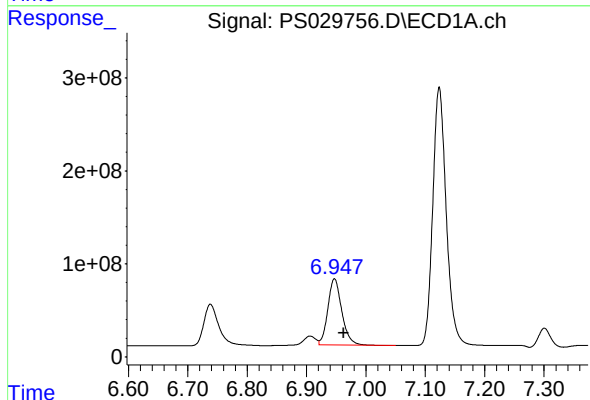
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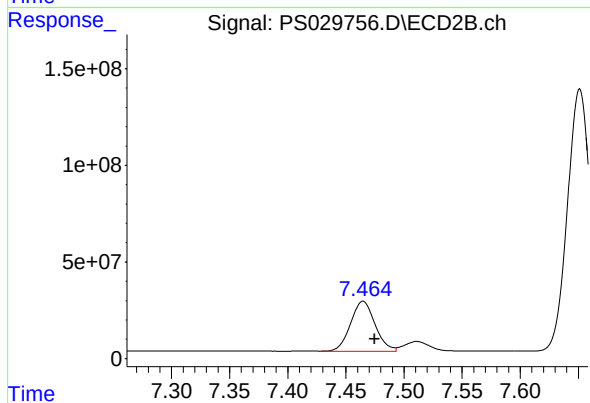
#3 4-Nitrophenol

R.T.: 7.000 min
Delta R.T.: -0.010 min
Response: 346381204
Conc: 488.55 ng/ml



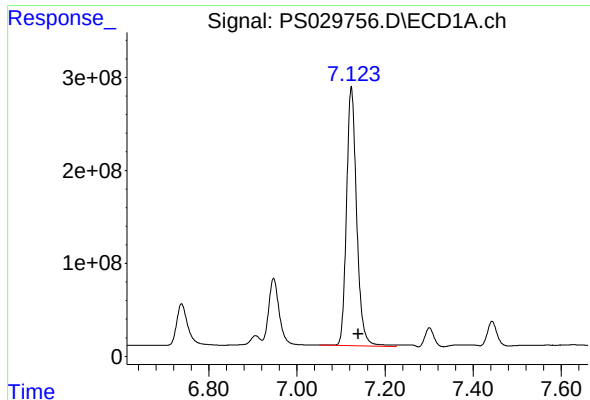
#4 2,4-DCAA

R.T.: 6.947 min
Delta R.T.: -0.015 min
Response: 1151903888
Conc: 564.98 ng/ml



#4 2,4-DCAA

R.T.: 7.465 min
Delta R.T.: -0.010 min
Response: 379100792
Conc: 556.26 ng/ml



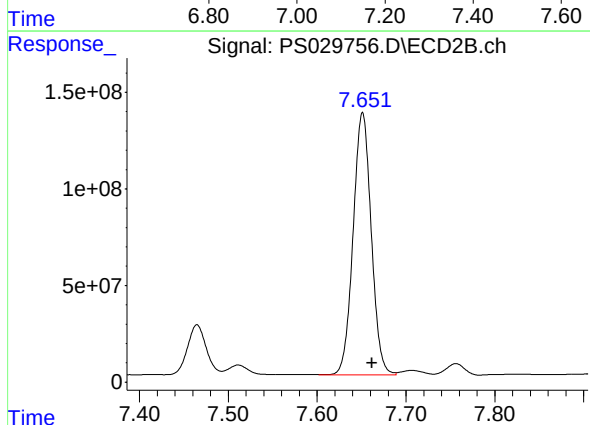
#5 DICAMBA

R.T.: 7.124 min
Delta R.T.: -0.016 min
Response: 4447424205
Conc: 534.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167527BS

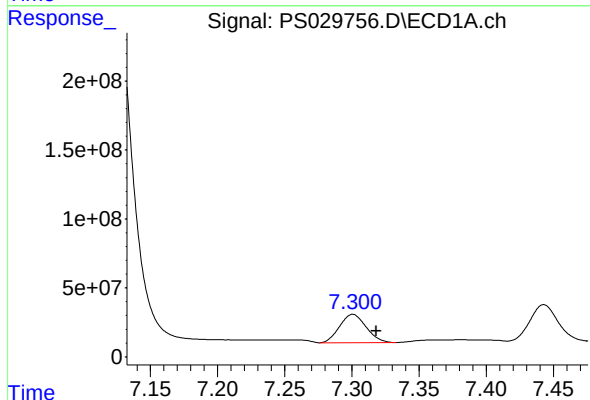
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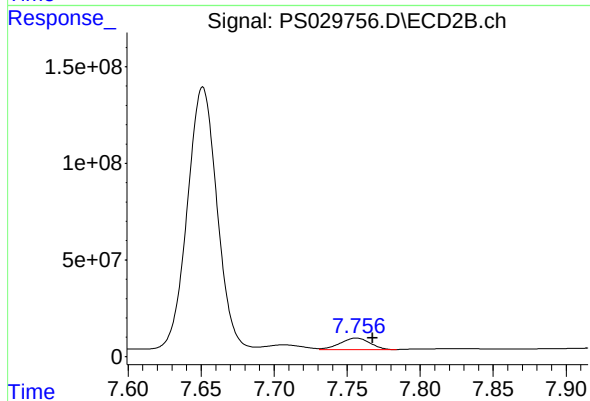
#5 DICAMBA

R.T.: 7.651 min
Delta R.T.: -0.011 min
Response: 1924233065
Conc: 521.00 ng/ml



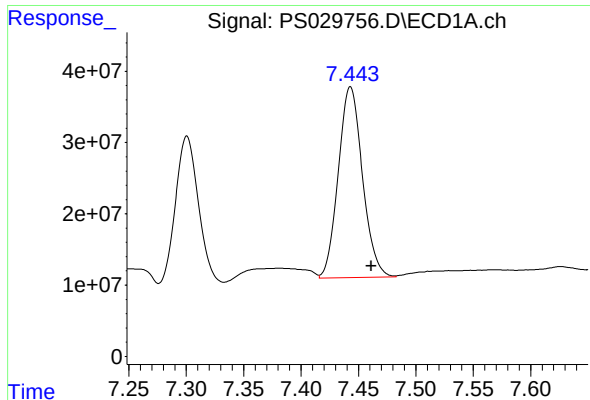
#6 MCPP

R.T.: 7.301 min
Delta R.T.: -0.017 min
Response: 281609772
Conc: 51.96 ug/ml



#6 MCPP

R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 84000898
Conc: 49.75 ug/ml



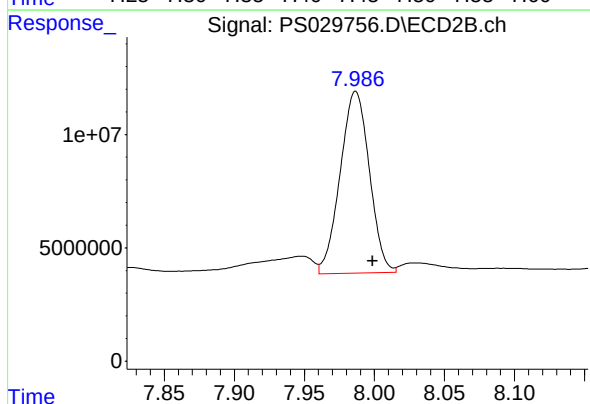
#7 MCPA

R.T.: 7.442 min
Delta R.T.: -0.019 min
Response: 393937384
Conc: 54.19 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167527BS

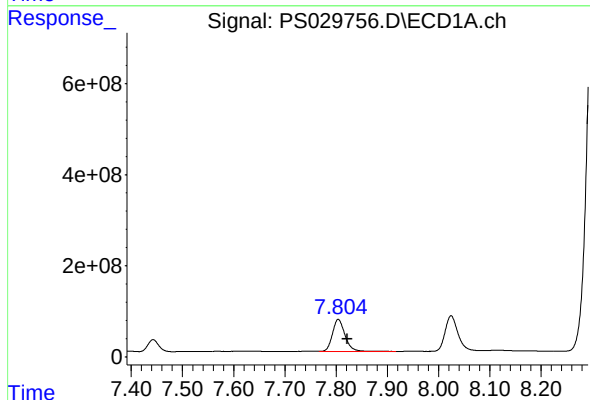
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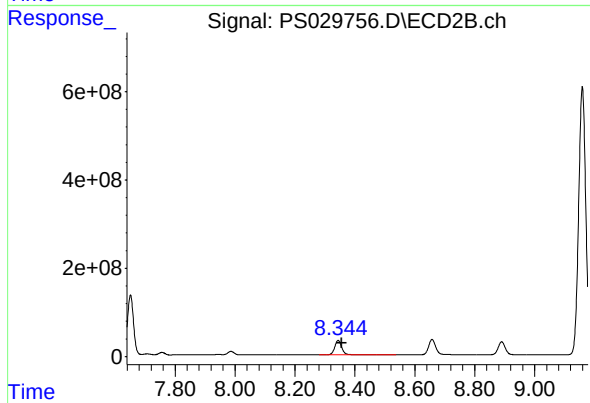
#7 MCPA

R.T.: 7.987 min
Delta R.T.: -0.012 min
Response: 116503376
Conc: 51.20 ug/ml



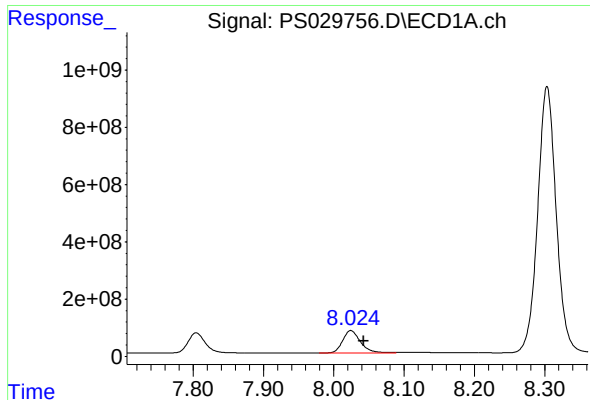
#8 DICHLORPROP

R.T.: 7.804 min
Delta R.T.: -0.018 min
Response: 1192049176
Conc: 541.98 ng/ml



#8 DICHLORPROP

R.T.: 8.344 min
Delta R.T.: -0.012 min
Response: 521798540
Conc: 540.08 ng/ml



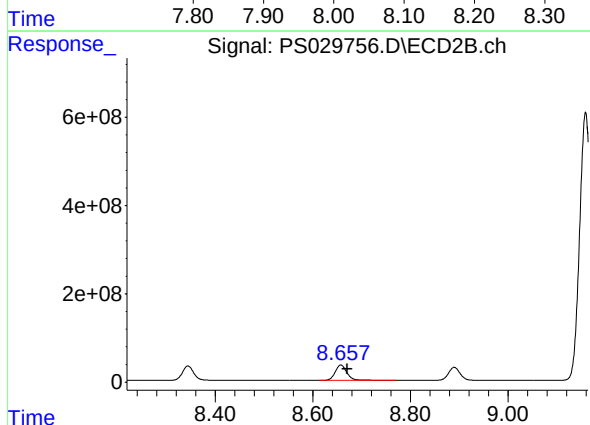
#9 2,4-D

R.T.: 8.024 min
Delta R.T.: -0.018 min
Response: 1376721093
Conc: 571.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167527BS

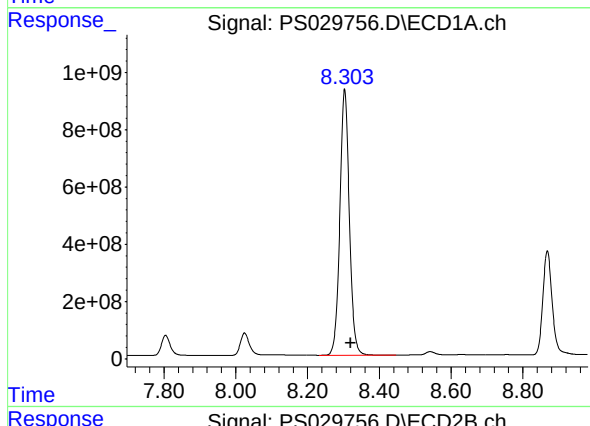
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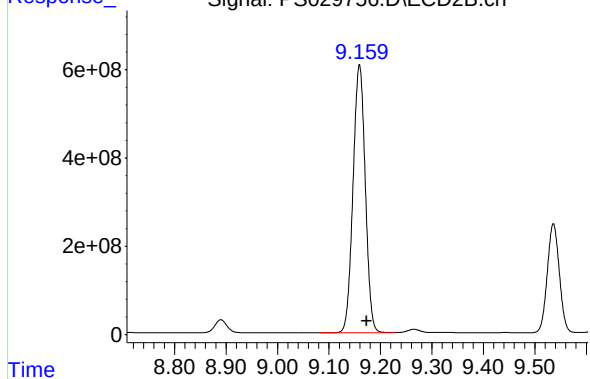
#9 2,4-D

R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 580002309
Conc: 537.80 ng/ml



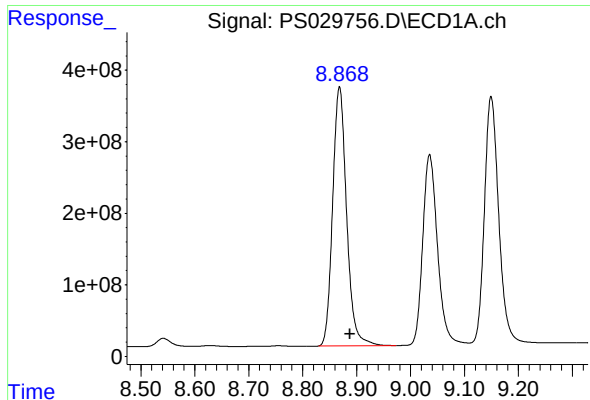
#10 Pentachlorophenol

R.T.: 8.303 min
Delta R.T.: -0.017 min
Response: 17034502884
Conc: 560.25 ng/ml



#10 Pentachlorophenol

R.T.: 9.159 min
Delta R.T.: -0.014 min
Response: 10029802530
Conc: 559.46 ng/ml



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

R.T.: 8.868 min
Delta R.T.: -0.019 min
Response: 6488660446
Conc: 558.63 ng/ml

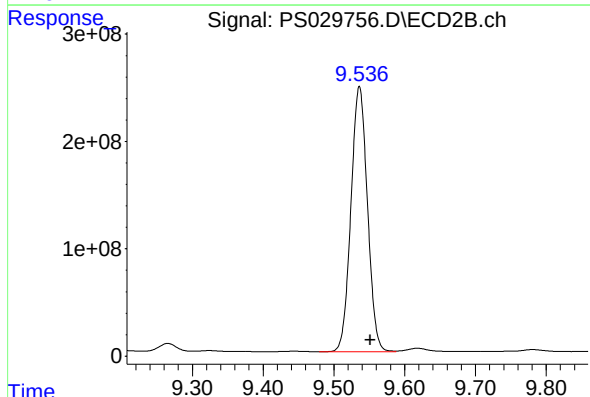
Instrument :

ECD_S

ClientSampleId :
PB167527BS

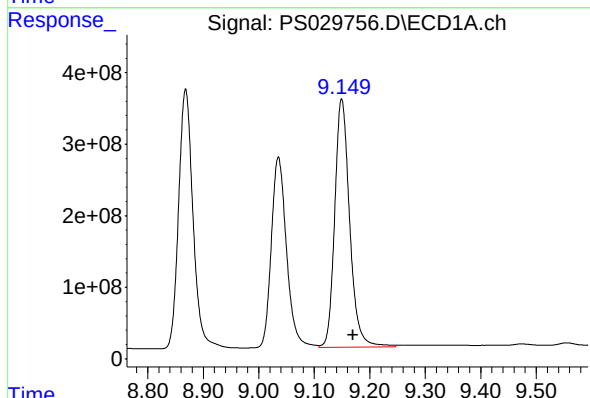
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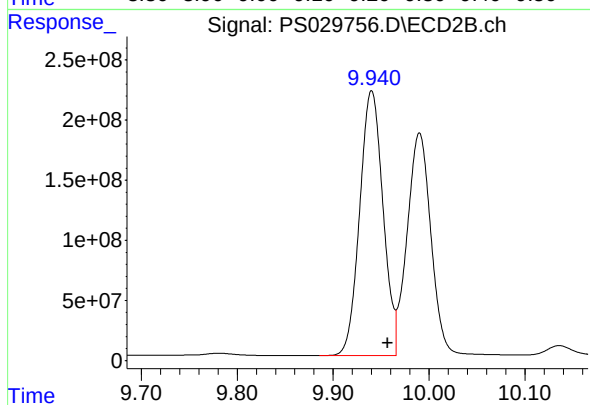
#11 2,4,5-TP (SILVEX)

R.T.: 9.536 min
Delta R.T.: -0.015 min
Response: 4003287794
Conc: 555.01 ng/ml



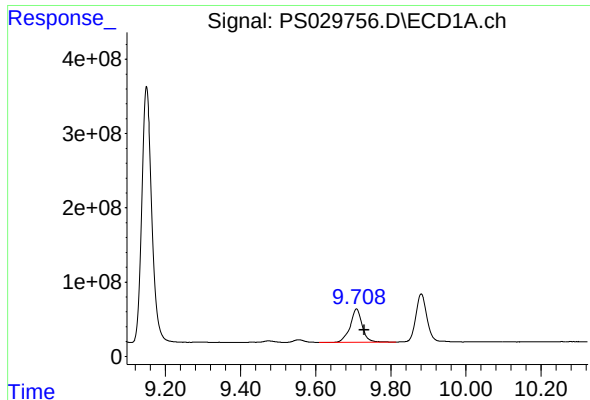
#12 2,4,5-T

R.T.: 9.149 min
Delta R.T.: -0.020 min
Response: 6470382437
Conc: 562.43 ng/ml



#12 2,4,5-T

R.T.: 9.940 min
Delta R.T.: -0.017 min
Response: 3717685674
Conc: 554.64 ng/ml



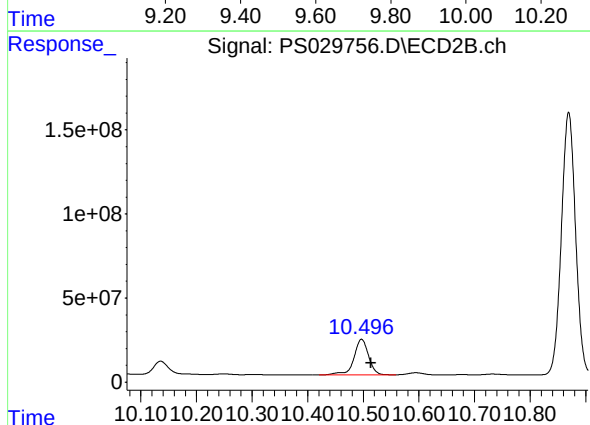
#13 2,4-DB

R.T.: 9.709 min
Delta R.T.: -0.021 min
Response: 983645154
Conc: 541.43 ng/ml

Instrument :
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ClientSampleId :
PB167527BS

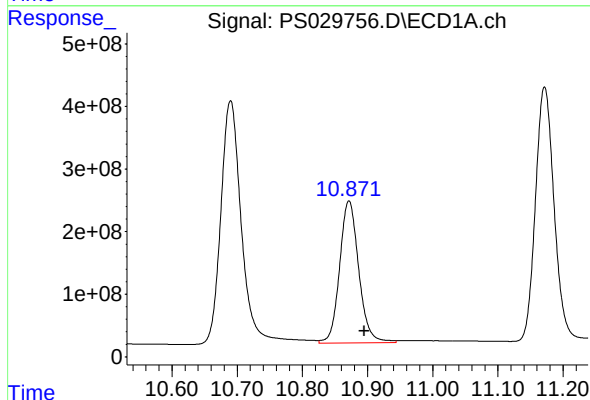
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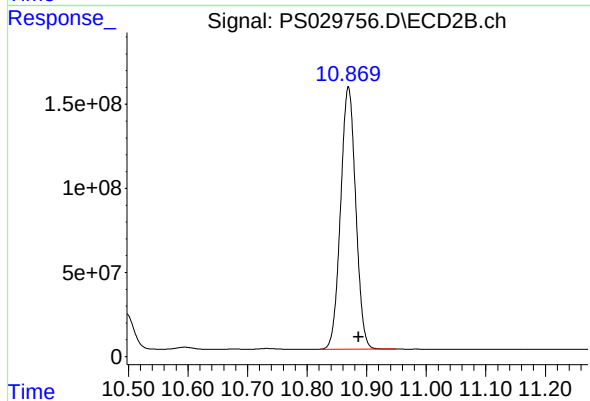
#13 2,4-DB

R.T.: 10.497 min
Delta R.T.: -0.017 min
Response: 392327212
Conc: 528.76 ng/ml



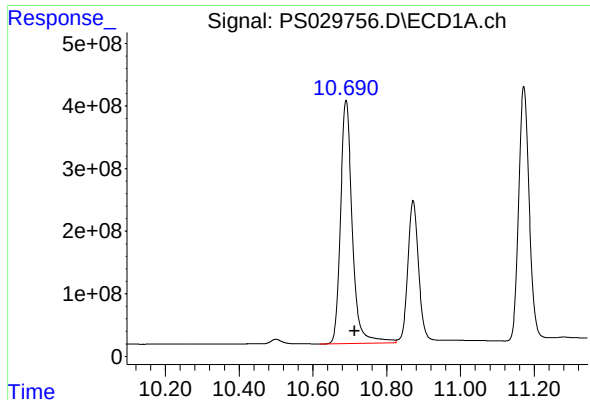
#14 DINOSEB

R.T.: 10.872 min
Delta R.T.: -0.023 min
Response: 4630317010
Conc: 548.48 ng/ml



#14 DINOSEB

R.T.: 10.869 min
Delta R.T.: -0.017 min
Response: 2753137924
Conc: 538.48 ng/ml



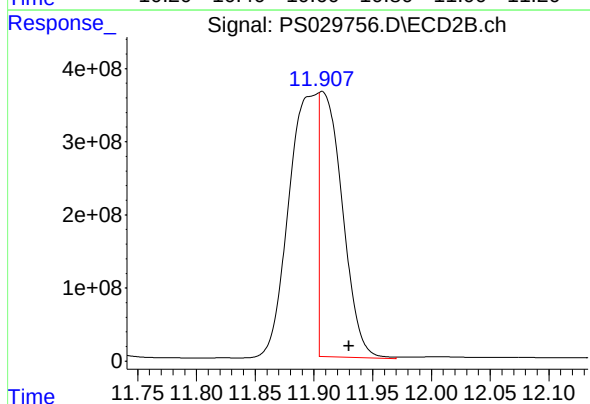
#15 Picloram

R.T.: 10.690 min
Delta R.T.: -0.023 min
Response: 8599476964
Conc: 554.79 ng/ml

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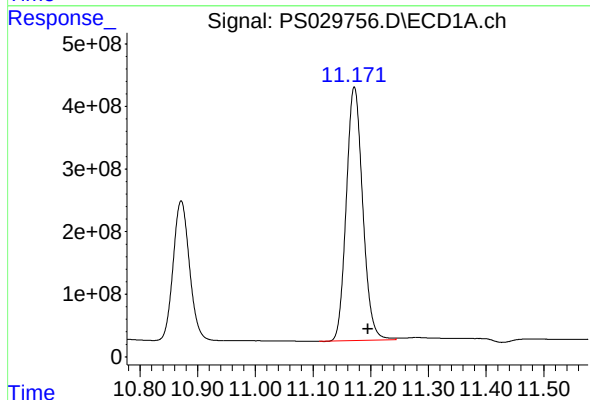
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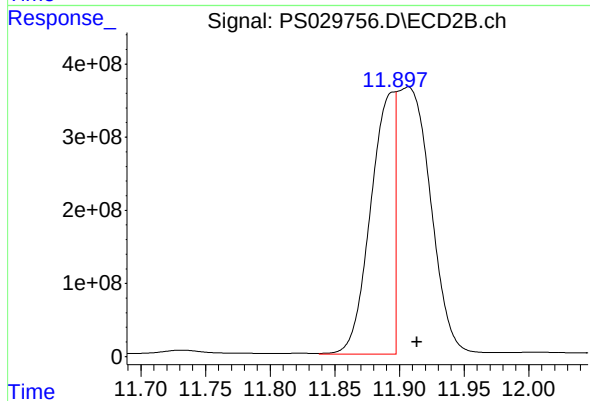
#15 Picloram

R.T.: 11.907 min
Delta R.T.: -0.023 min
Response: 4863218351
Conc: 411.29 ng/ml m



#16 DCPA

R.T.: 11.172 min
Delta R.T.: -0.024 min
Response: 8028688326
Conc: 574.87 ng/ml



#16 DCPA

R.T.: 11.897 min
Delta R.T.: -0.017 min
Response: 4588202165
Conc: 518.40 ng/ml m