

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 21:44
 Operator : AR\AJ
 Sample : Q2668-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:08:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.313	7.764	977.9E6	279.7E6	335.640	334.984
Target Compounds							
1) T	Dalapon	2.683	2.701	2273.8E6	1273.9E6	471.287m	518.642m
2) T	3,5-DICHL...	6.476	6.712	1272.1E6	370.9E6	298.414	287.043
3) T	4-Nitroph...	7.116	7.305	343.3E6	343.7E6	337.156m	266.282
5) T	DICAMBA	7.501	7.964	3814.1E6	1540.3E6	295.195	284.148
6) T	MCP	7.679	8.062	192.6E6	48014336	23.943	28.089
7) T	MCPA	7.829	8.306	251.8E6	64977088	25.756	25.049
8) T	DICHLORPROP	8.211	8.684	1019.6E6	406.3E6	335.400	312.527
9) T	2,4-D	8.445	9.023	918.7E6	511.2E6	354.236	366.305
10) T	Pentachlo...	8.741	9.537	13050.2E6	9099.7E6	286.951	271.663
11) T	2,4,5-TP ...	9.325	9.923	4859.9E6	3790.4E6	291.687	298.388
12) T	2,4,5-T	9.620	10.352	3705.6E6	3221.8E6	278.599	276.203
13) T	2,4-DB	10.198	10.922	349.0E6	270.5E6	199.716m	280.087 #
15) T	Picloram	11.224	12.421	3125.3E6	4030.3E6	266.903	235.761
16) T	DCPA	11.701	12.345	5345.9E6	5567.0E6	257.807	298.470

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

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Acq On : 29 Jul 2025 21:44
Operator : AR\AJ
Sample : Q2668-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

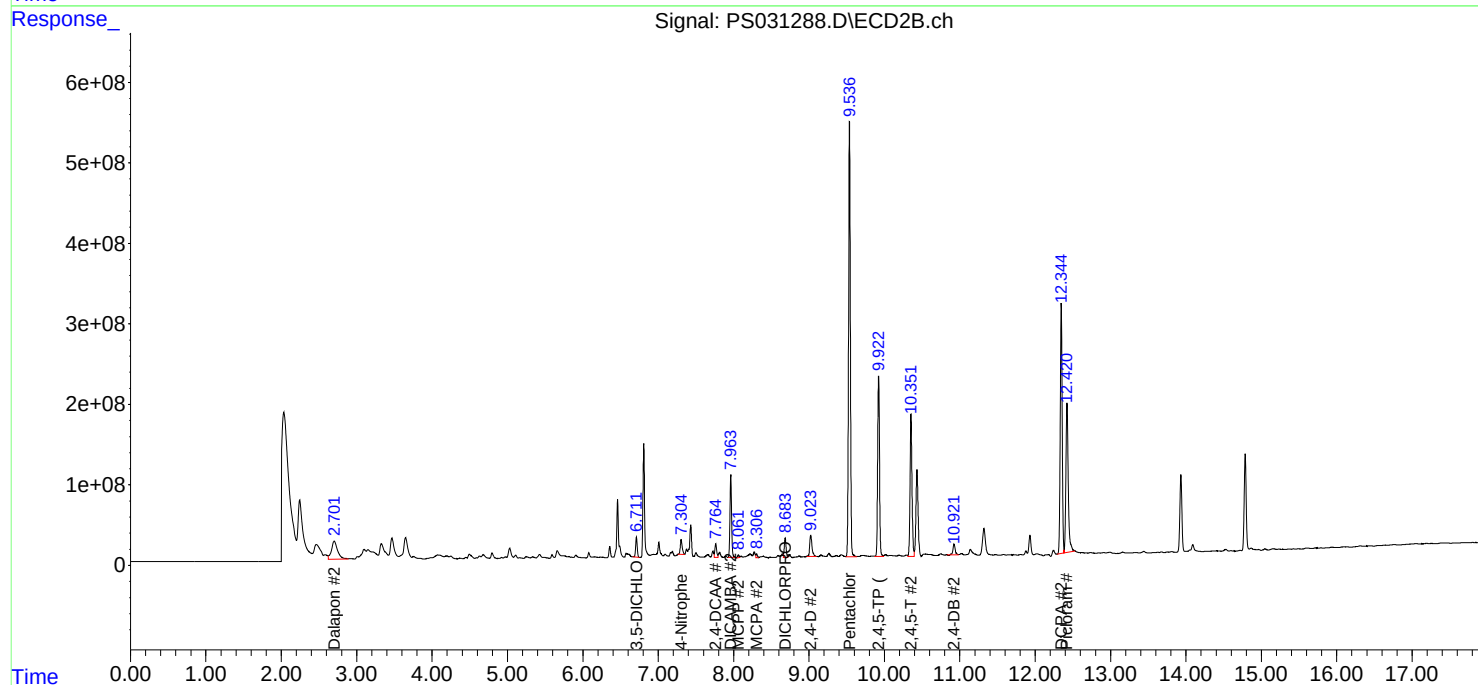
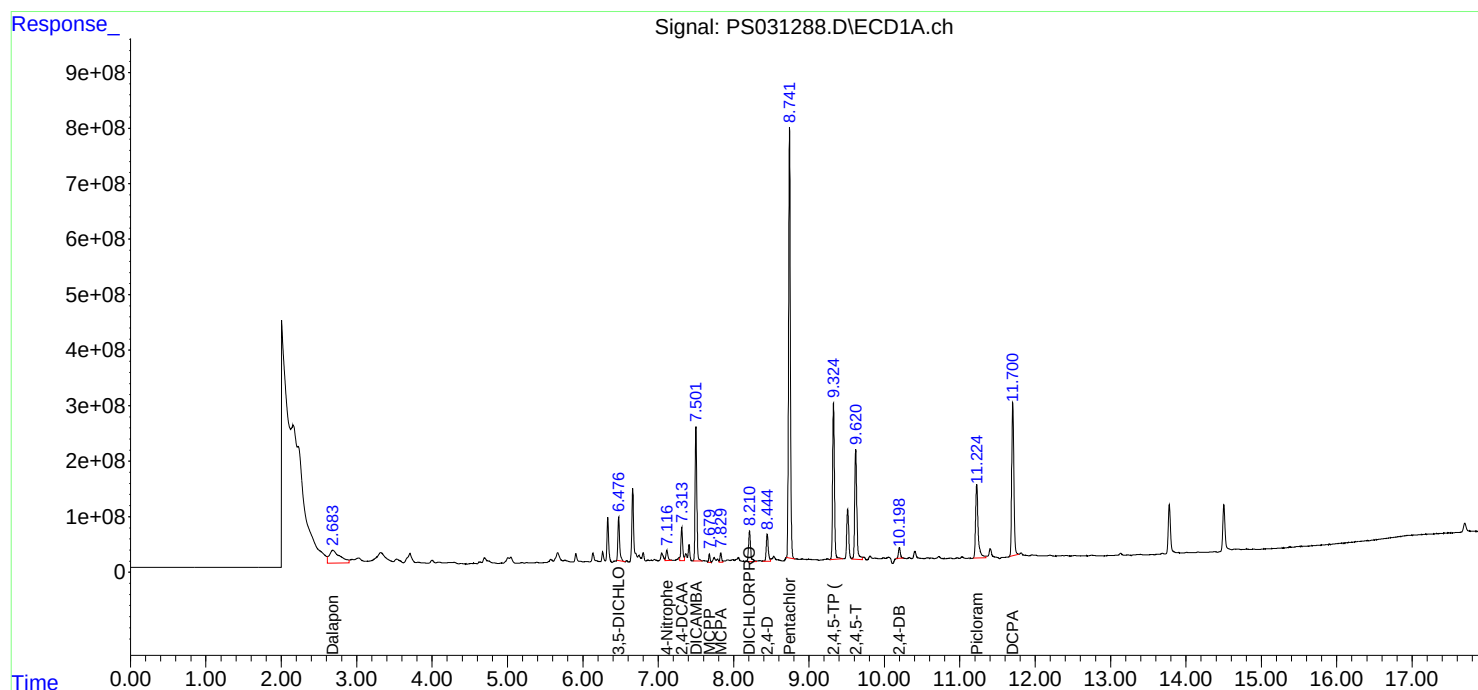
Instrument :
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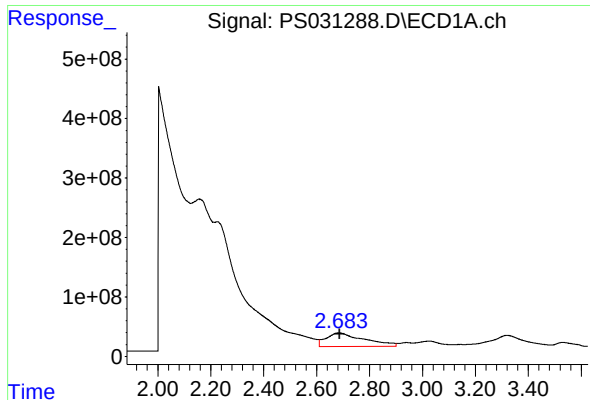
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Integration File signal 1: autoint1.e
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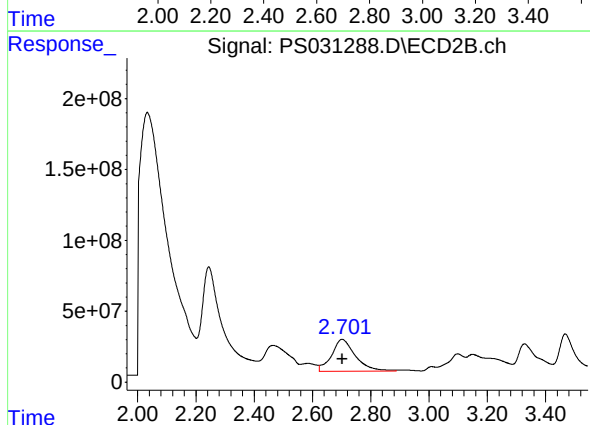
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.004 min
Response: 2273752193
Conc: 471.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

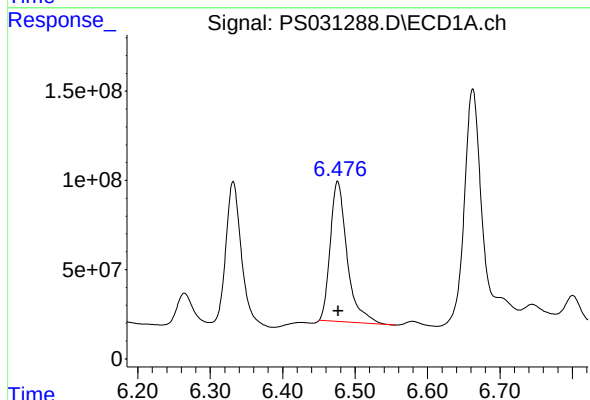
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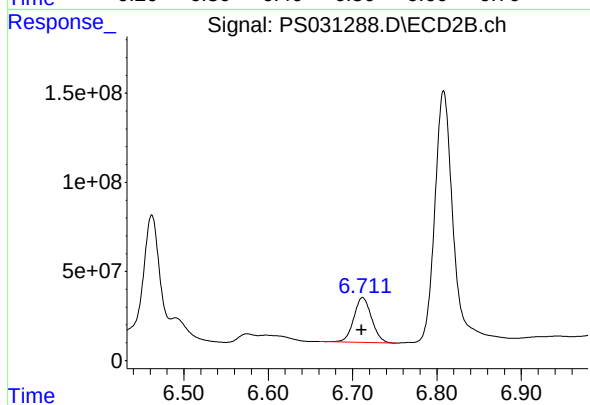
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.002 min
Response: 1273880518
Conc: 518.64 ng/ml



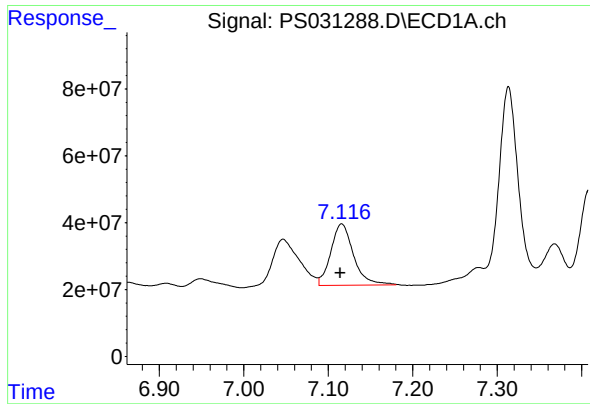
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 1272118319
Conc: 298.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 370937542
Conc: 287.04 ng/ml



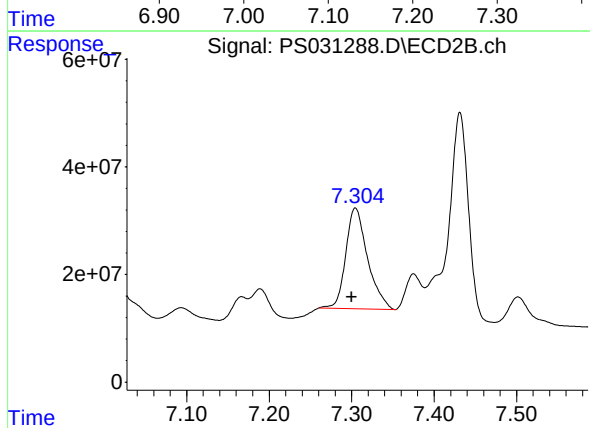
#3 4-Nitrophenol

R.T.: 7.116 min
Delta R.T.: 0.001 min
Response: 343292102
Conc: 337.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

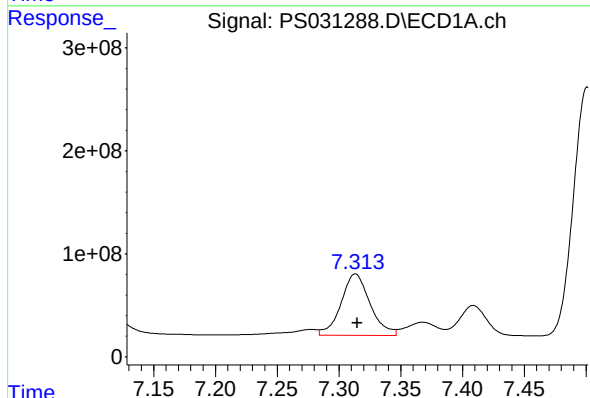
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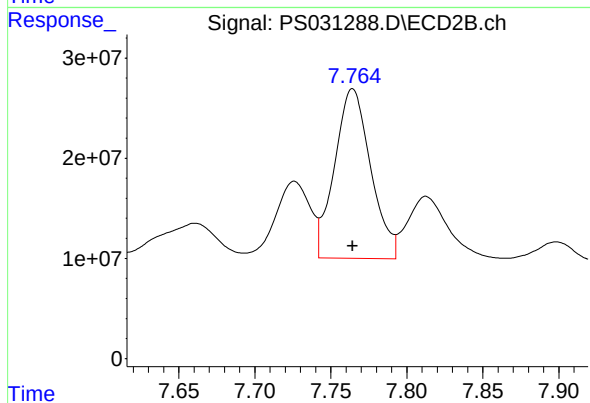
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.004 min
Response: 343746347
Conc: 266.28 ng/ml



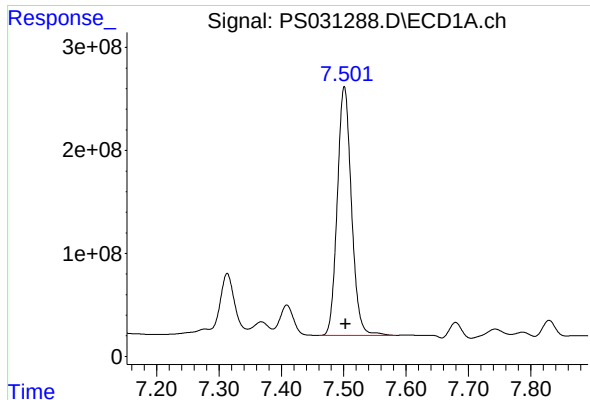
#4 2,4-DCAA

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 977856065
Conc: 335.64 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 279738983
Conc: 334.98 ng/ml



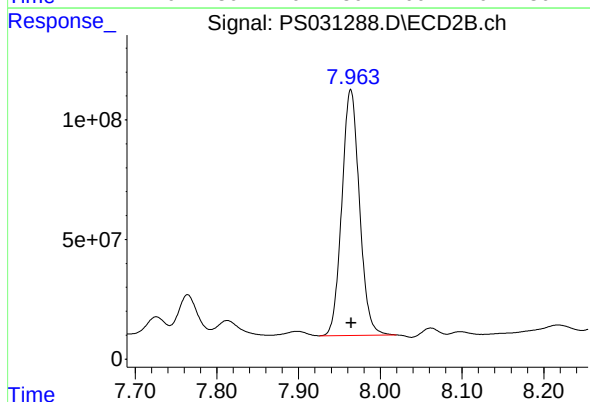
#5 DICAMBA

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 3814097132
Conc: 295.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

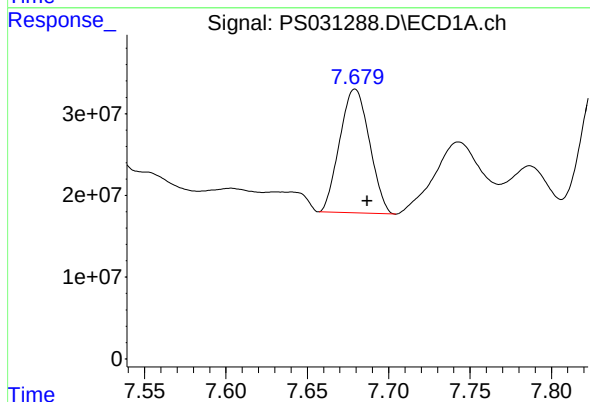
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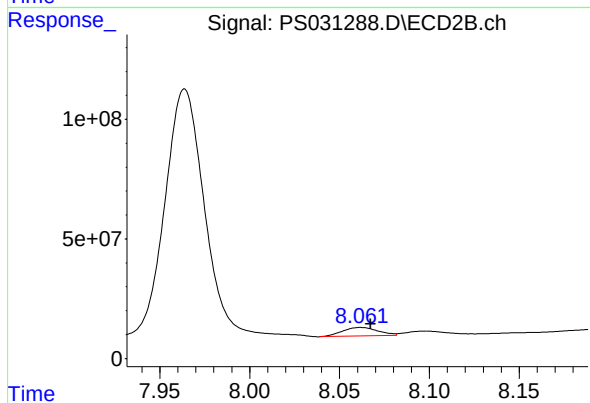
#5 DICAMBA

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 1540324039
Conc: 284.15 ng/ml



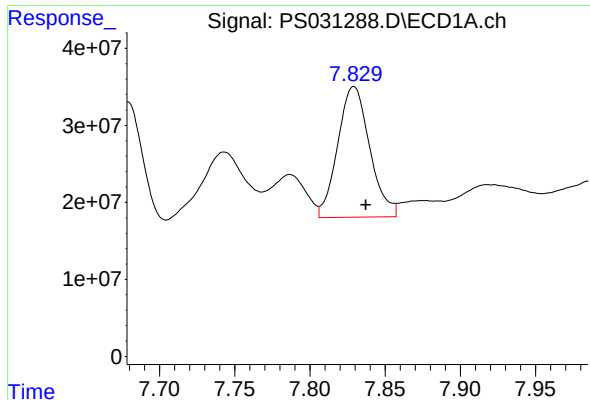
#6 MCPP

R.T.: 7.679 min
Delta R.T.: -0.008 min
Response: 192568828
Conc: 23.94 ug/ml



#6 MCPP

R.T.: 8.062 min
Delta R.T.: -0.006 min
Response: 48014336
Conc: 28.09 ug/ml



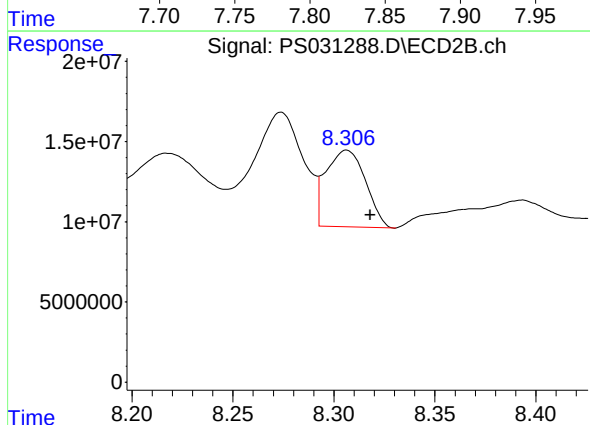
#7 MCPA

R.T.: 7.829 min
Delta R.T.: -0.008 min
Response: 251790986
Conc: 25.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

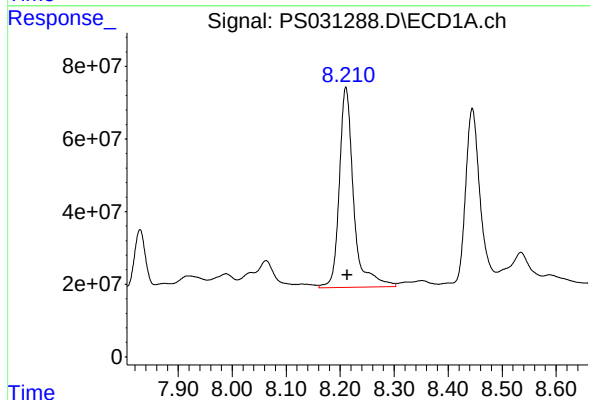
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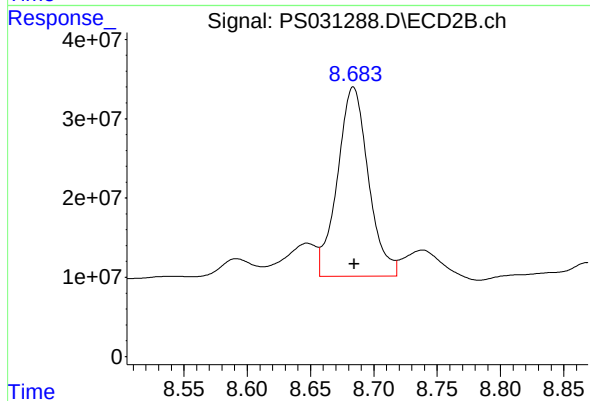
#7 MCPA

R.T.: 8.306 min
Delta R.T.: -0.012 min
Response: 64977088
Conc: 25.05 ug/ml



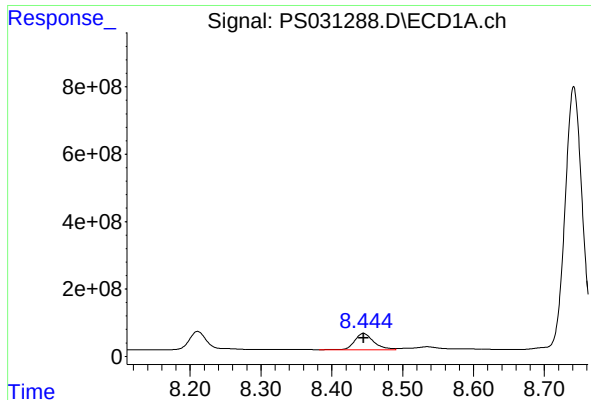
#8 DICHLORPROP

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 1019619411
Conc: 335.40 ng/ml



#8 DICHLORPROP

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 406302825
Conc: 312.53 ng/ml



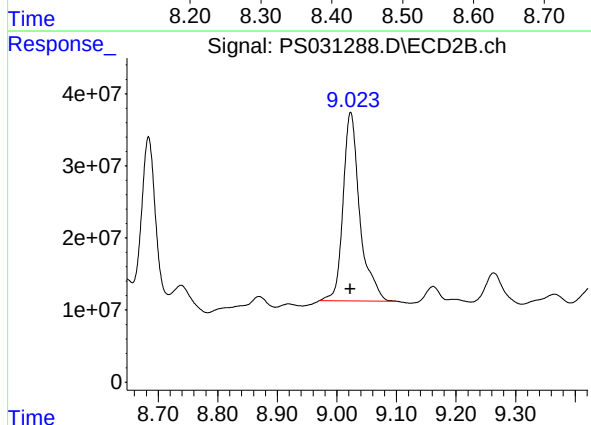
#9 2,4-D

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 918653323
Conc: 354.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

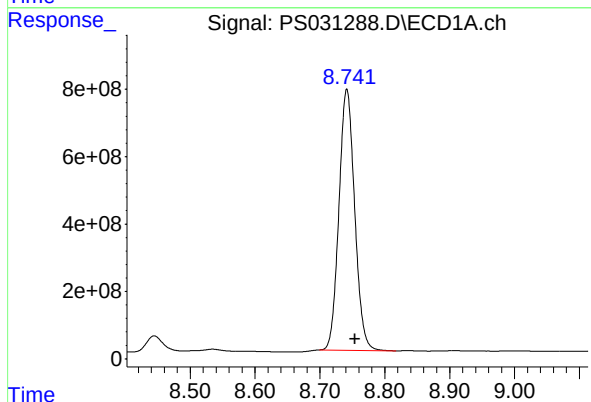
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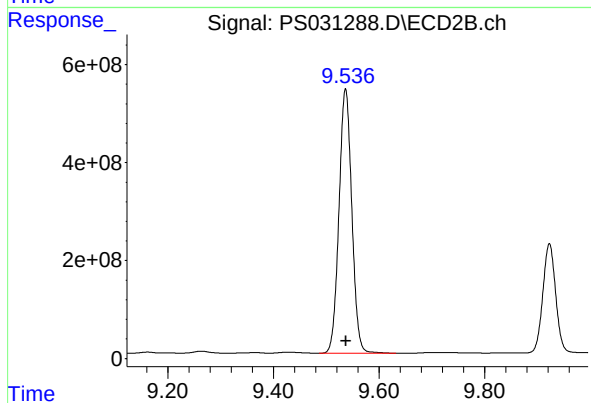
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 511190190
Conc: 366.31 ng/ml



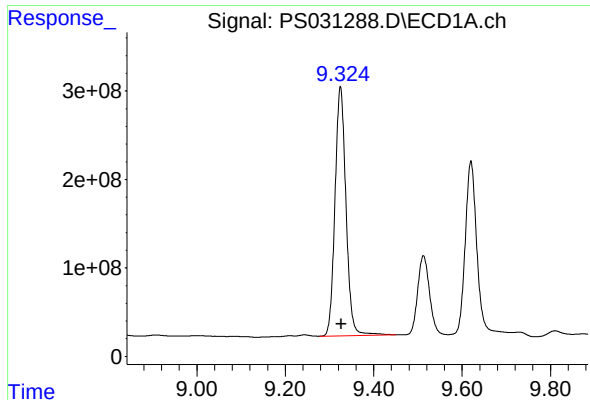
#10 Pentachlorophenol

R.T.: 8.741 min
Delta R.T.: -0.012 min
Response: 13050167318
Conc: 286.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.537 min
Delta R.T.: 0.000 min
Response: 9099712594
Conc: 271.66 ng/ml



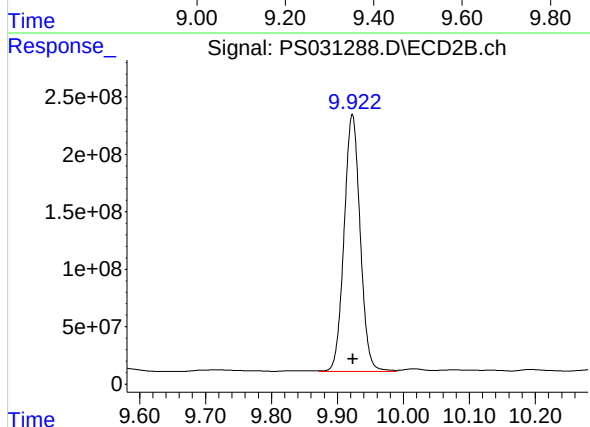
#11 2,4,5-TP (SILVEX)

R.T.: 9.325 min
Delta R.T.: -0.002 min
Response: 4859876655
Conc: 291.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

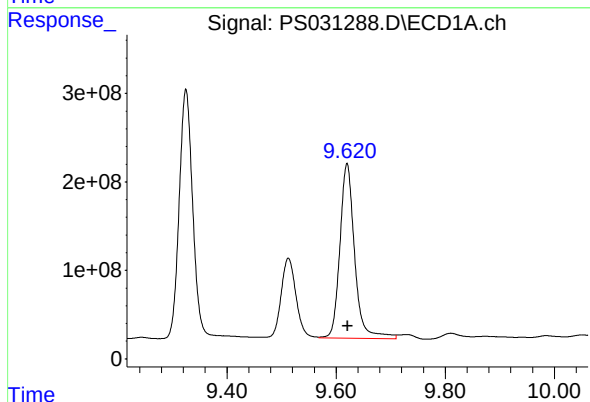
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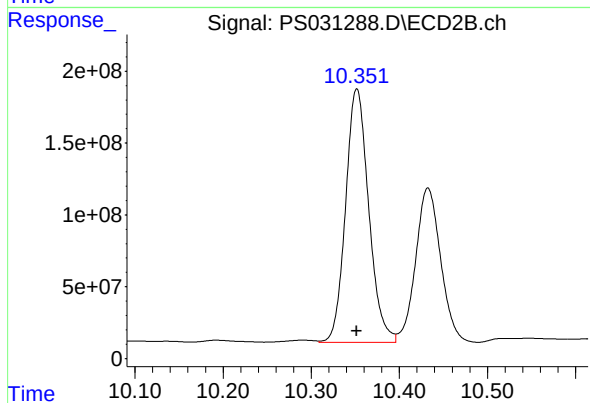
#11 2,4,5-TP (SILVEX)

R.T.: 9.923 min
Delta R.T.: -0.001 min
Response: 3790358859
Conc: 298.39 ng/ml



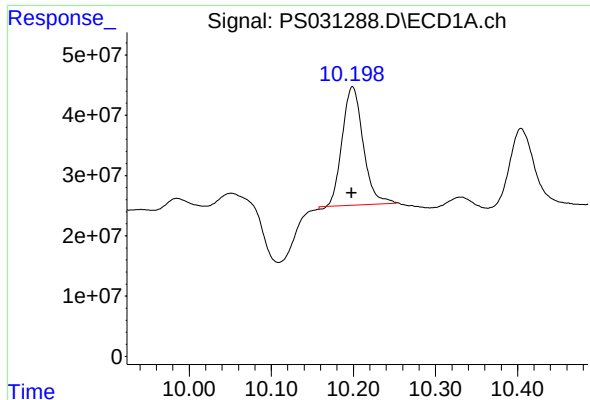
#12 2,4,5-T

R.T.: 9.620 min
Delta R.T.: 0.000 min
Response: 3705571055
Conc: 278.60 ng/ml



#12 2,4,5-T

R.T.: 10.352 min
Delta R.T.: 0.000 min
Response: 3221810420
Conc: 276.20 ng/ml



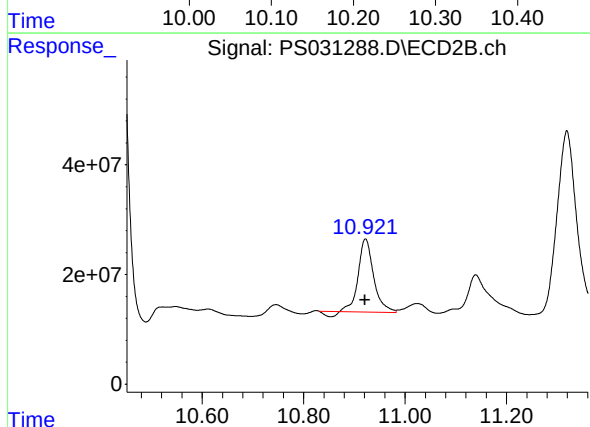
#13 2,4-DB

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 348955093
Conc: 199.72 ng/ml

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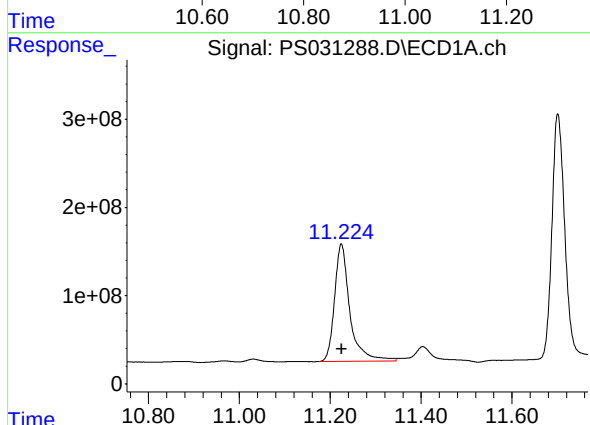
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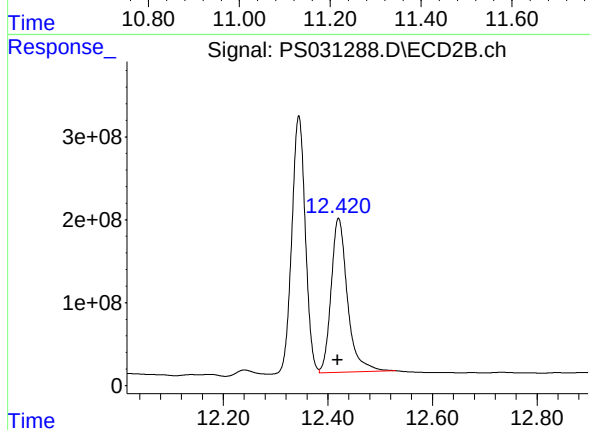
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: 0.001 min
Response: 270523493
Conc: 280.09 ng/ml



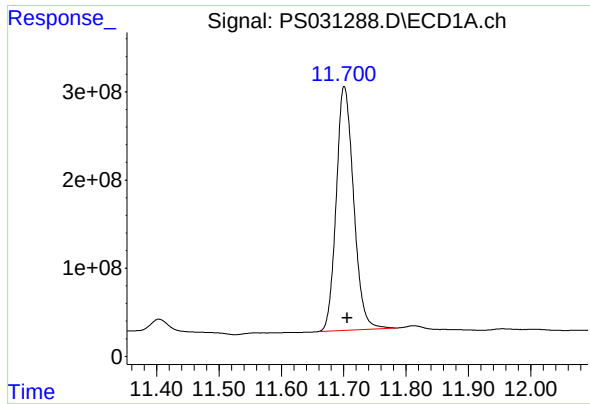
#15 Picloram

R.T.: 11.224 min
Delta R.T.: 0.000 min
Response: 3125338611
Conc: 266.90 ng/ml



#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.002 min
Response: 4030309931
Conc: 235.76 ng/ml



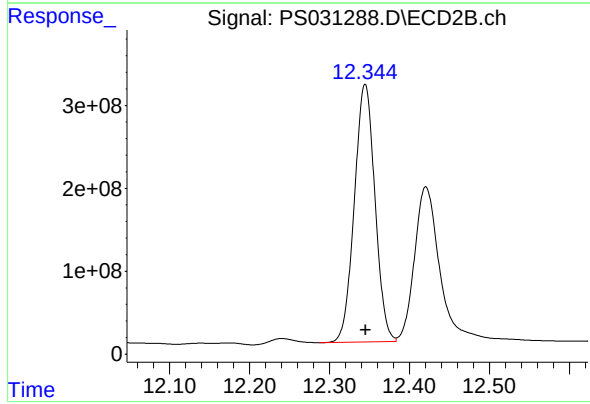
#16 DCPA

R.T.: 11.701 min
Delta R.T.: -0.005 min
Response: 5345928200
Conc: 257.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MS

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#16 DCPA

R.T.: 12.345 min
Delta R.T.: 0.000 min
Response: 5567001409
Conc: 298.47 ng/ml