

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081525\
 Data File : PS031463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 21:05
 Operator : AR\AJ
 Sample : Q2832-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TG-S01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/18/2025
 Supervised By : mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 03:49:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.289	7.743	2475.6E6	743.7E6	779.973	879.735
Target Compounds							
1) T	Dalapon	2.675	2.699	3069.8E6	1457.7E6	584.850	547.814
2) T	3,5-DICHL...	6.456	6.695	2476.2E6	623.7E6	524.809	461.309
3) T	4-Nitroph...	7.100	7.307	19299897	24426942	18.707m	19.434m
5) T	DICAMBA	7.475	7.942	6888.1E6	2779.2E6	493.190	489.066
6) T	MCPD	7.654	8.040	553.8E6	114.1E6	68.841	64.536
7) T	MCPA	7.804	8.289	845.9E6	243.9E6	84.915	86.924
8) T	DICHLORPROP	8.182	8.659	2271.0E6	893.5E6	715.853	669.248
9) T	2,4-D	8.415	8.997	2646.8E6	1137.5E6	920.035	796.938
10) T	Pentachlo...	8.715	9.512	25007.9E6	16772.4E6	520.864	481.572
11) T	2,4,5-TP ...	9.292	9.896	13706.9E6	10551.6E6	764.735	804.479m
12) T	2,4,5-T	9.586	10.324	12537.9E6	9150.0E6	855.758	772.823
13) T	2,4-DB	10.162	10.891	1613.6E6	729.0E6	839.671	755.577
14) T	DINOSEB	11.365	11.271	5395.6E6	3527.2E6	425.572	372.971
15) T	Picloram	11.189	12.388	7118.9E6	8886.2E6	545.340	506.924
16) T	DCPA	11.663	12.313	12202.0E6	10904.7E6	535.661	553.525

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

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Acq On : 15 Aug 2025 21:05
Operator : AR\AJ
Sample : Q2832-02MSD
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ALS Vial : 10 Sample Multiplier: 1

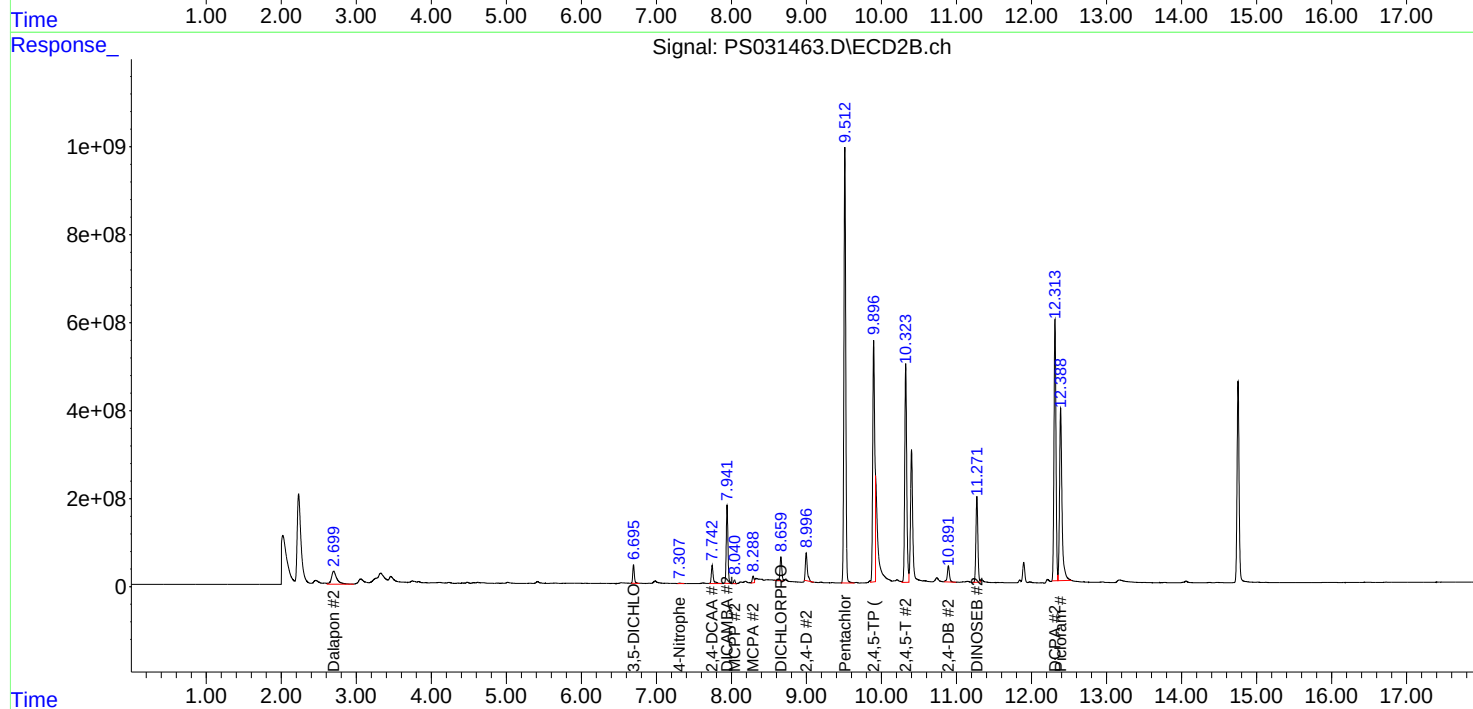
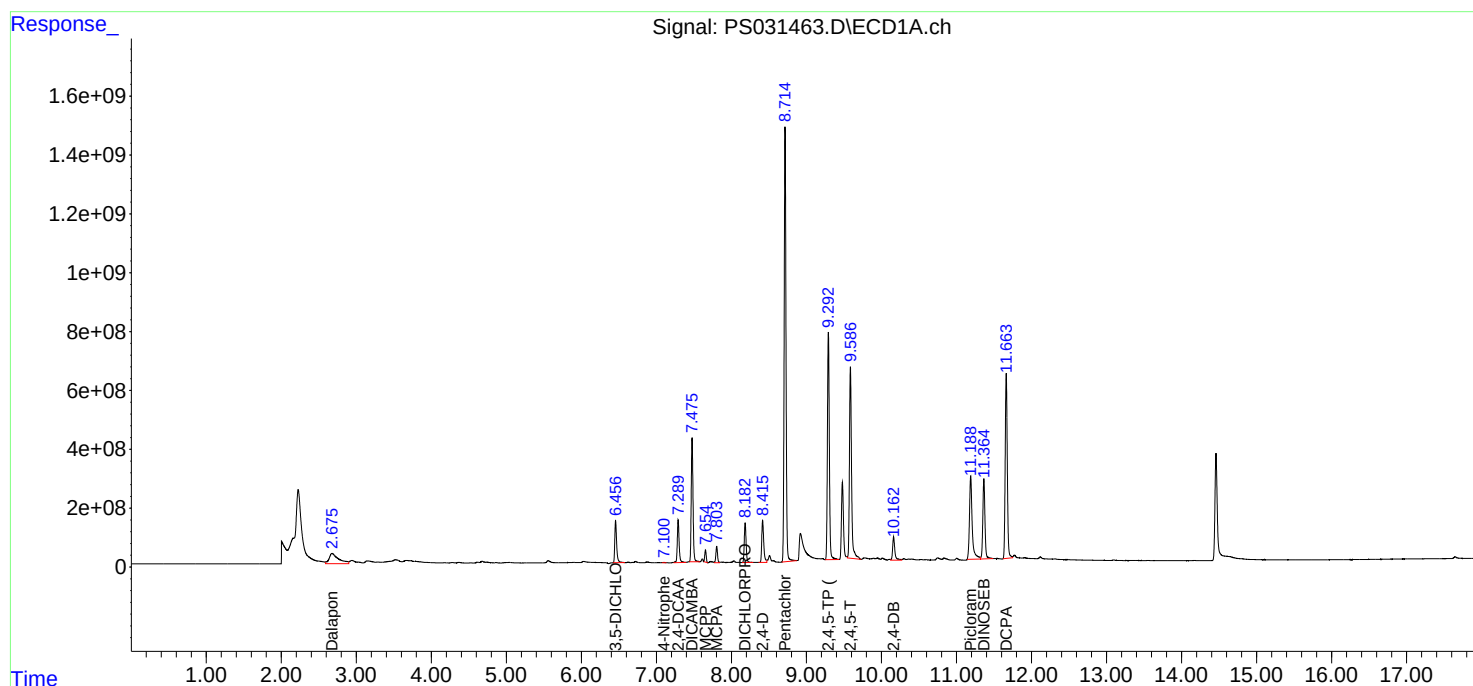
Instrument :
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ClientSampleId :
TG-S01MSD

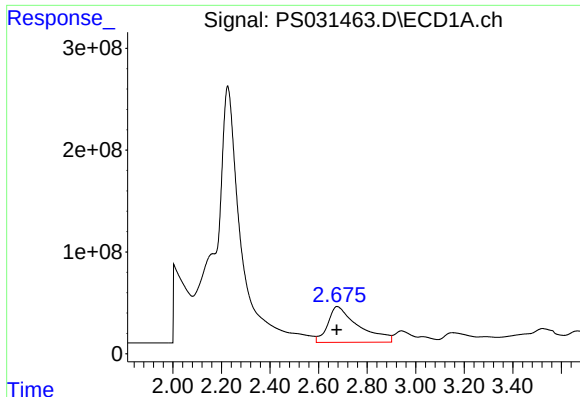
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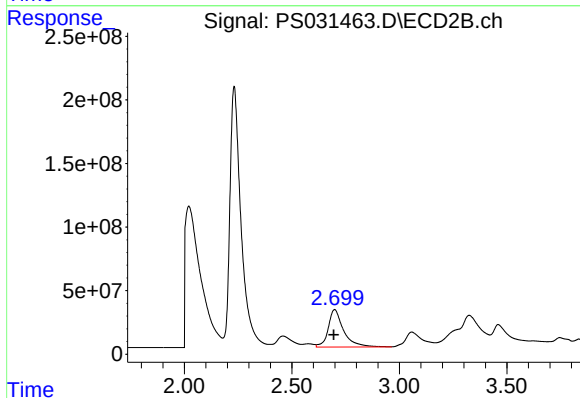
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: 0.001 min
Response: 3069840830
Conc: 584.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

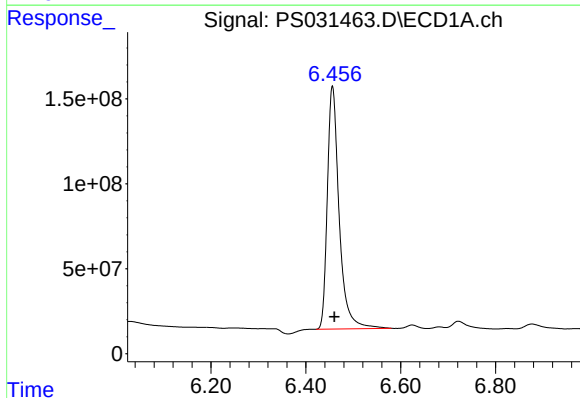
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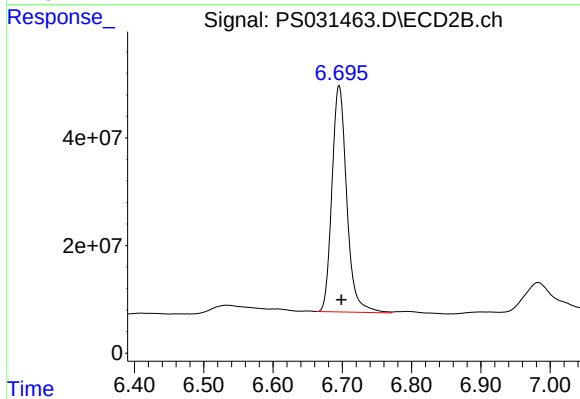
#1 Dalapon

R.T.: 2.699 min
Delta R.T.: 0.004 min
Response: 1457739431
Conc: 547.81 ng/ml



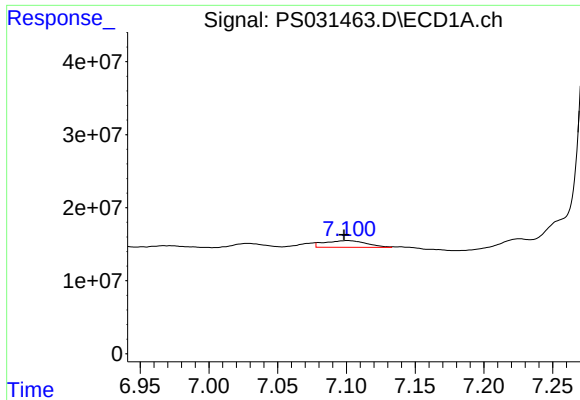
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 2476211764
Conc: 524.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 623657262
Conc: 461.31 ng/ml



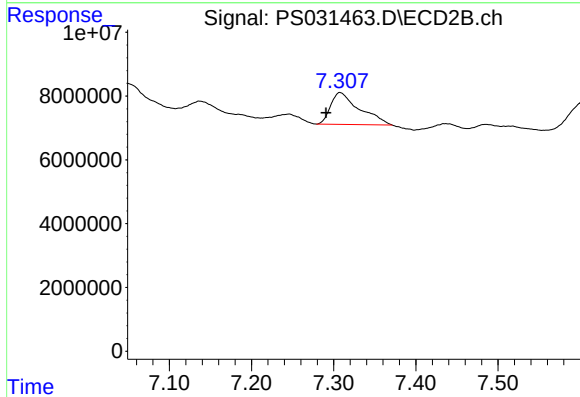
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.002 min
Response: 19299897
Conc: 18.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

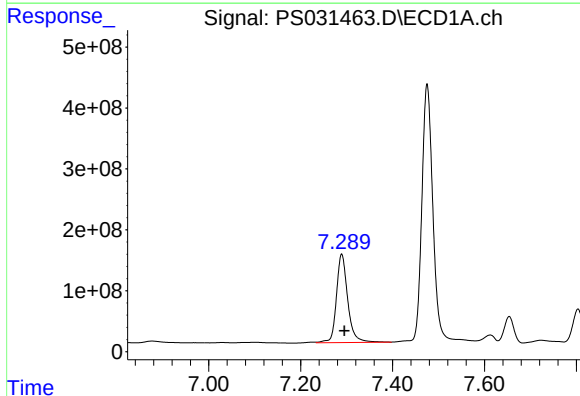
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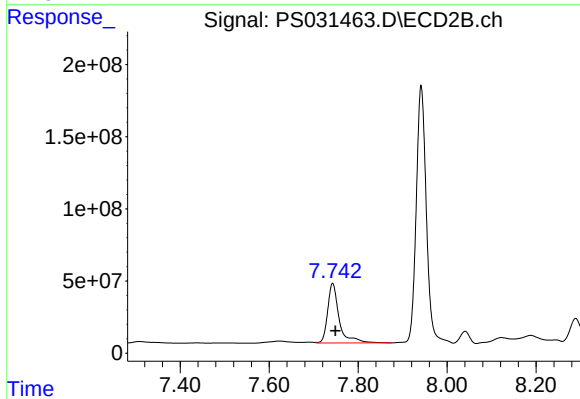
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.016 min
Response: 24426942
Conc: 19.43 ng/ml m



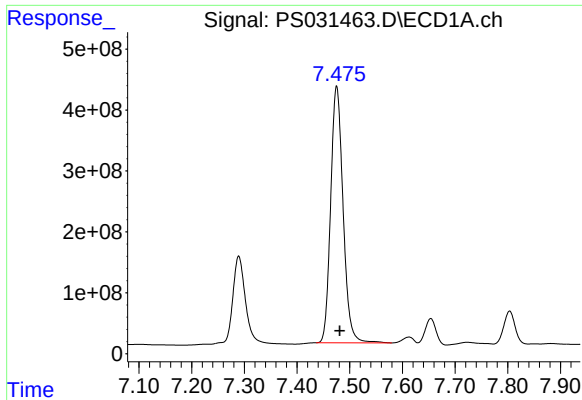
#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: -0.006 min
Response: 2475624991
Conc: 779.97 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.007 min
Response: 743674677
Conc: 879.73 ng/ml



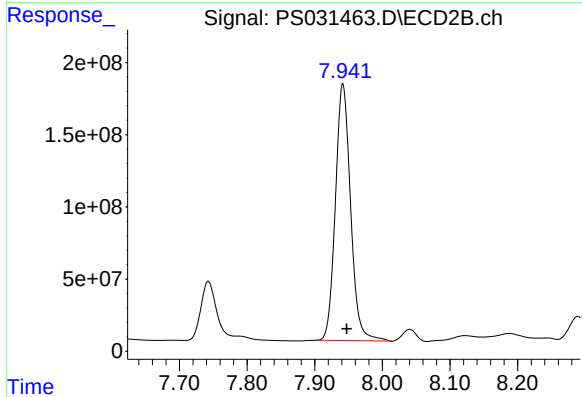
#5 DICAMBA

R.T.: 7.475 min
Delta R.T.: -0.006 min
Response: 6888117071
Conc: 493.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

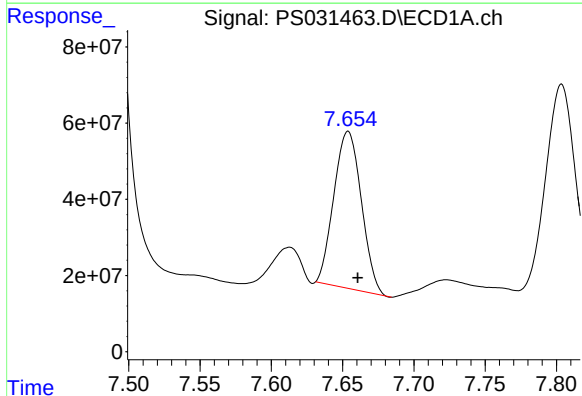
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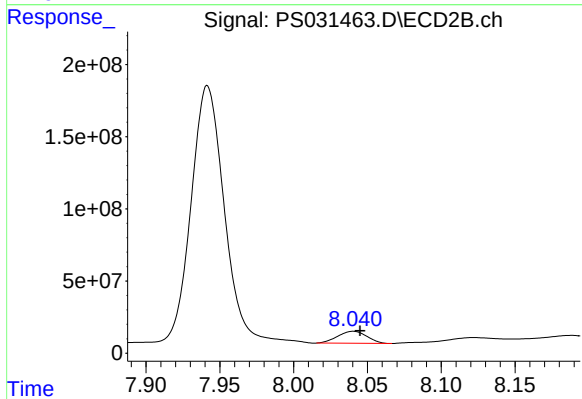
#5 DICAMBA

R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 2779209970
Conc: 489.07 ng/ml



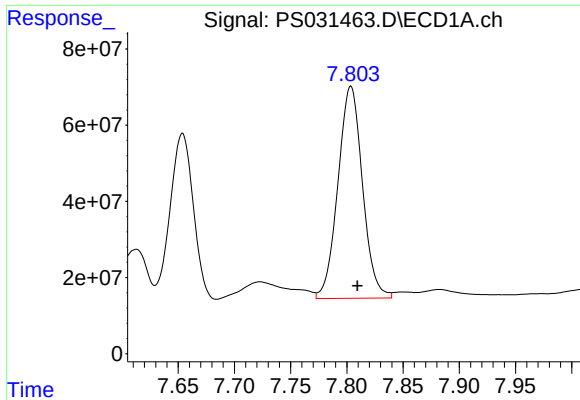
#6 MCPP

R.T.: 7.654 min
Delta R.T.: -0.007 min
Response: 553816251
Conc: 68.84 ug/ml



#6 MCPP

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 114088088
Conc: 64.54 ug/ml



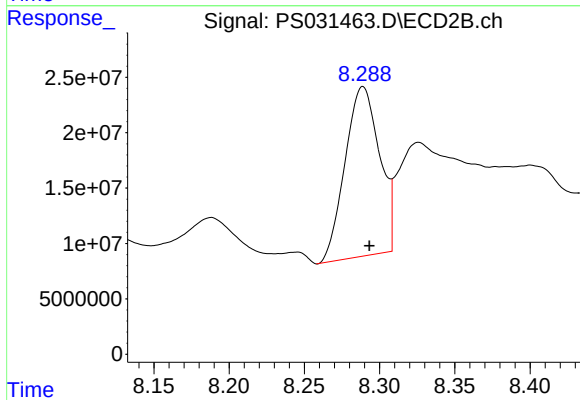
#7 MCPA

R.T.: 7.804 min
Delta R.T.: -0.006 min
Response: 845865055
Conc: 84.92 ug/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

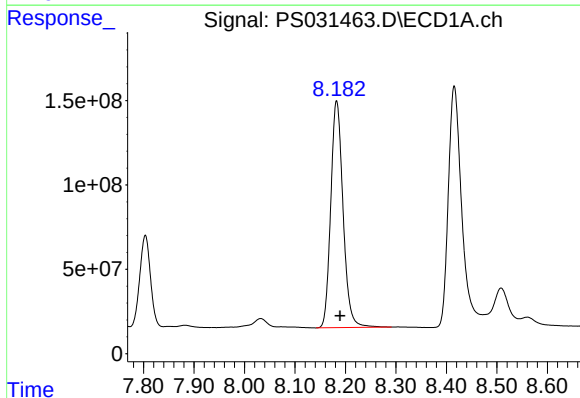
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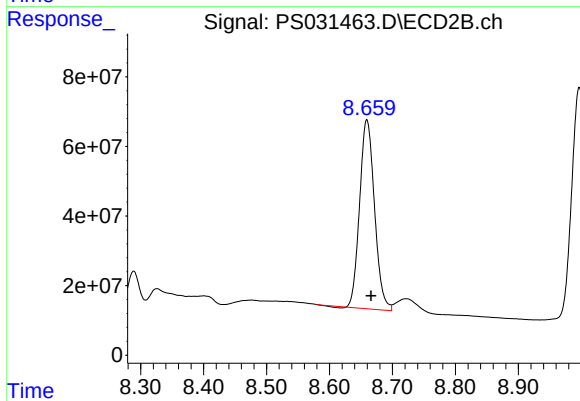
#7 MCPA

R.T.: 8.289 min
Delta R.T.: -0.004 min
Response: 243866564
Conc: 86.92 ug/ml



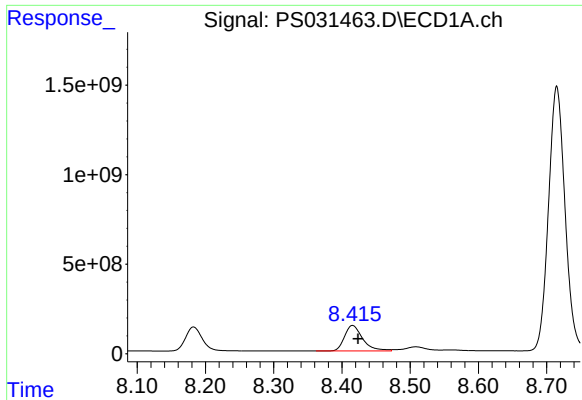
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: -0.007 min
Response: 2270993358
Conc: 715.85 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 893468117
Conc: 669.25 ng/ml



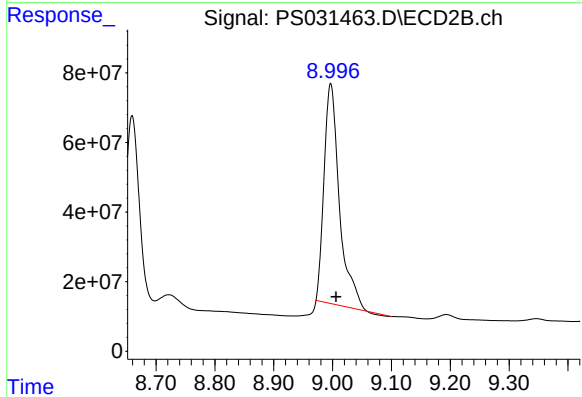
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.008 min
Response: 2646770961
Conc: 920.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

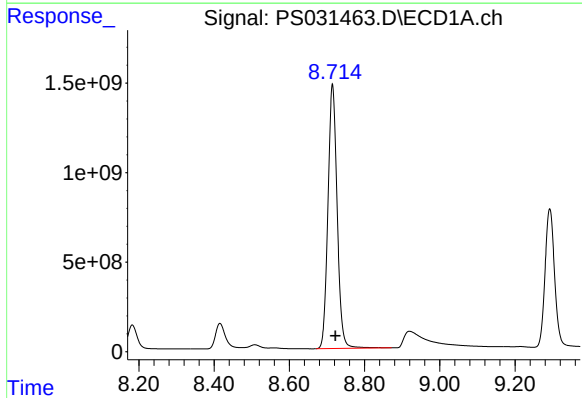
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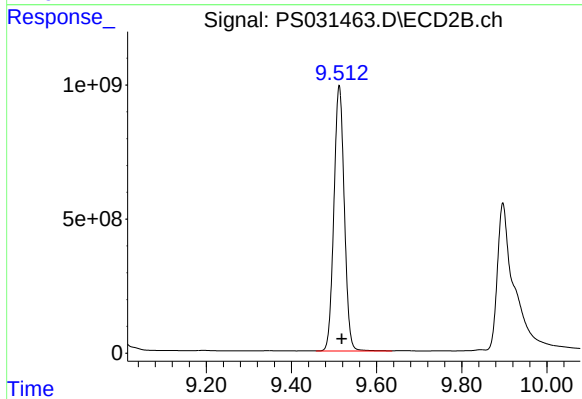
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: -0.009 min
Response: 1137459283
Conc: 796.94 ng/ml



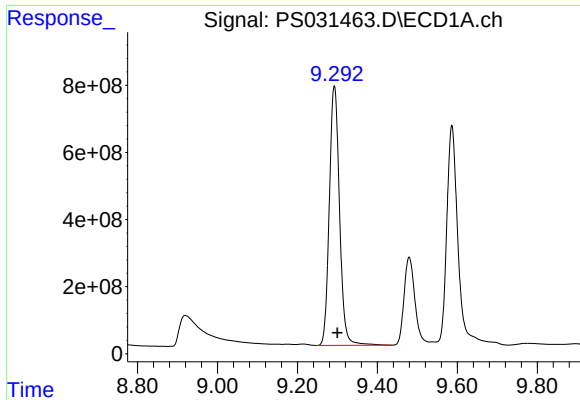
#10 Pentachlorophenol

R.T.: 8.715 min
Delta R.T.: -0.007 min
Response: 25007922792
Conc: 520.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.512 min
Delta R.T.: -0.006 min
Response: 16772381366
Conc: 481.57 ng/ml



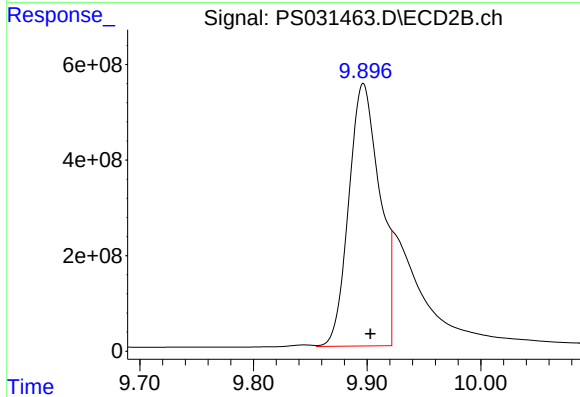
#11 2,4,5-TP (SILVEX)

R.T.: 9.292 min
Delta R.T.: -0.008 min
Response: 13706889691
Conc: 764.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

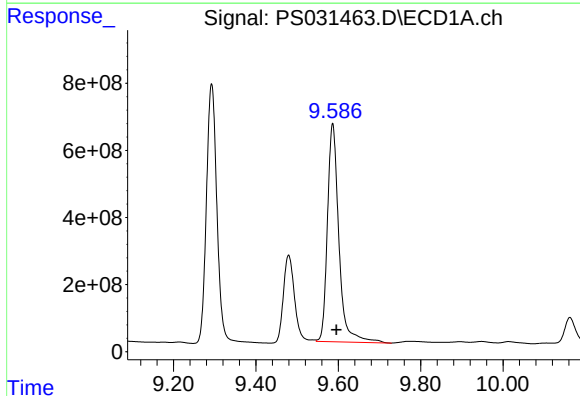
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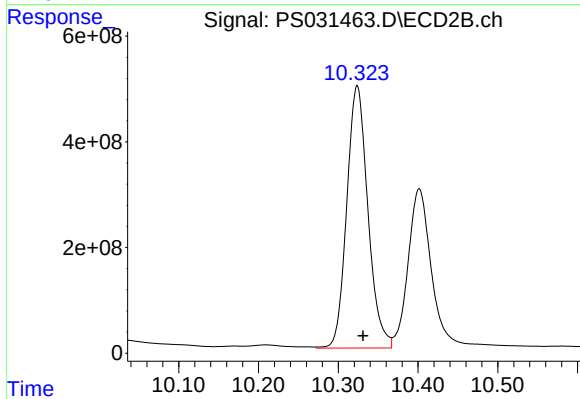
#11 2,4,5-TP (SILVEX)

R.T.: 9.896 min
Delta R.T.: -0.007 min
Response: 10551572614
Conc: 804.48 ng/ml m



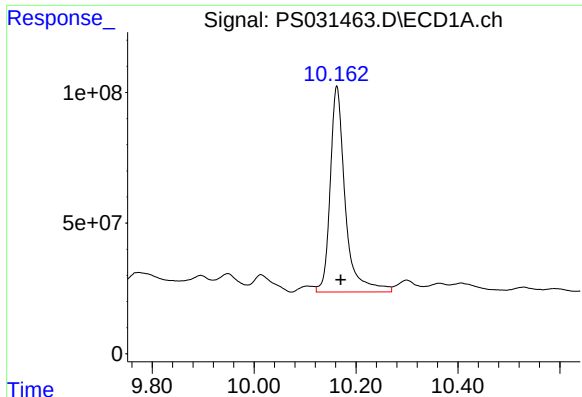
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 12537903073
Conc: 855.76 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 9150037207
Conc: 772.82 ng/ml



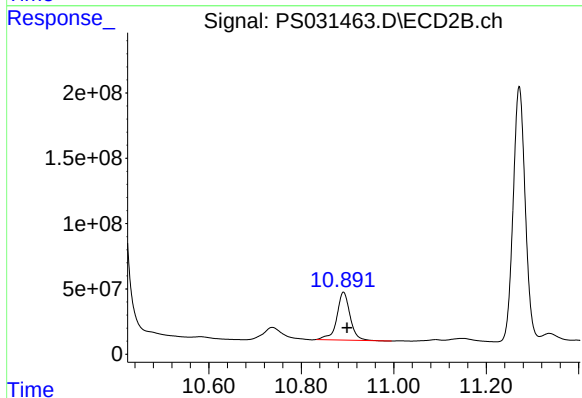
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 1613612296
Conc: 839.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

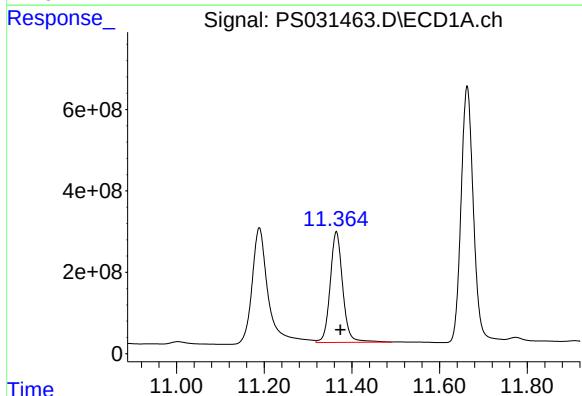
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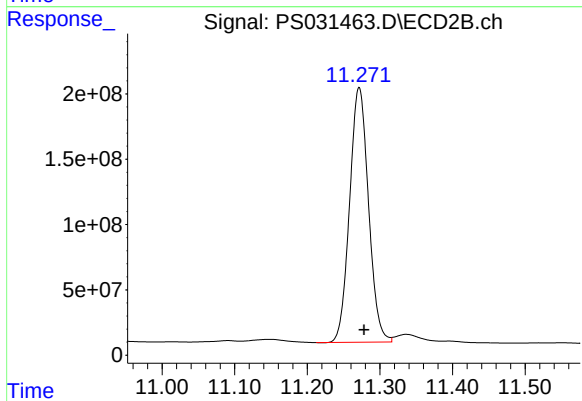
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.008 min
Response: 729015488
Conc: 755.58 ng/ml



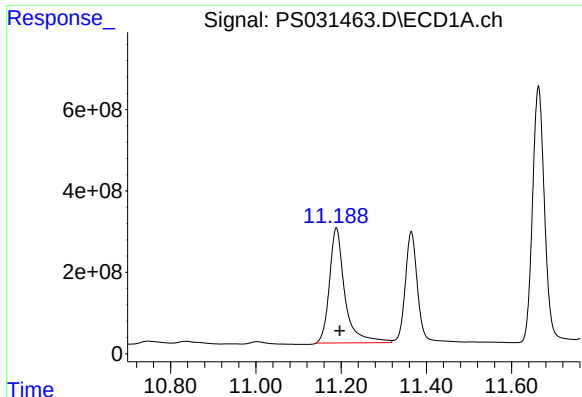
#14 DINOSEB

R.T.: 11.365 min
Delta R.T.: -0.009 min
Response: 5395604992
Conc: 425.57 ng/ml



#14 DINOSEB

R.T.: 11.271 min
Delta R.T.: -0.007 min
Response: 3527164103
Conc: 372.97 ng/ml



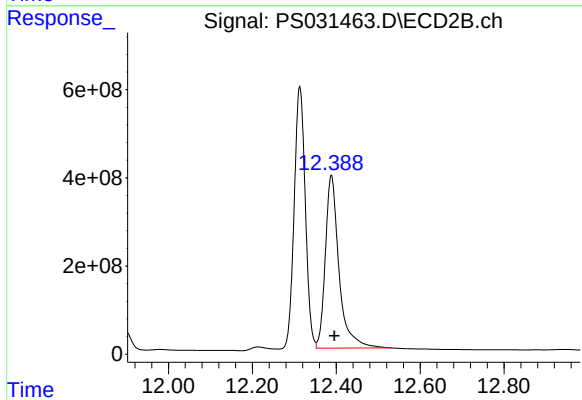
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 7118949633
Conc: 545.34 ng/ml

Instrument :
ECD_S
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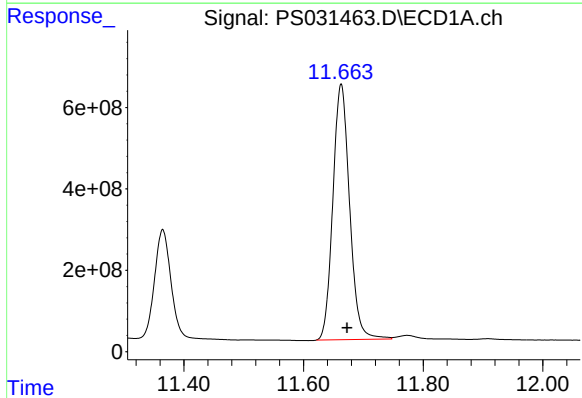
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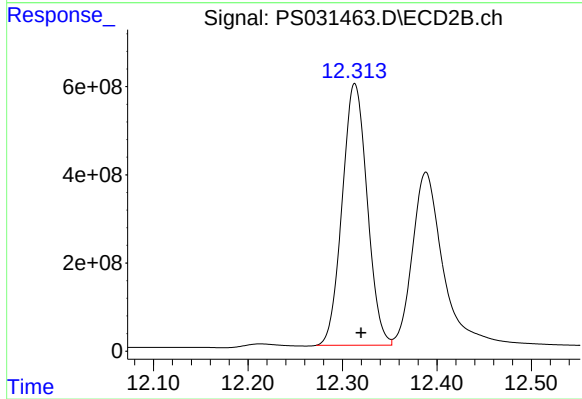
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.007 min
Response: 8886241793
Conc: 506.92 ng/ml



#16 DCPA

R.T.: 11.663 min
Delta R.T.: -0.010 min
Response: 12201996315
Conc: 535.66 ng/ml



#16 DCPA

R.T.: 12.313 min
Delta R.T.: -0.007 min
Response: 10904654299
Conc: 553.52 ng/ml