

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021925\
 Data File : PS029228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 01:33
 Operator : AR\AJ
 Sample : Q1383-01MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OU4-PCS-TC-11-021725MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:40:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021925.M
 Quant Title : 8080.M
 QLast Update : Thu Feb 20 02:10:31 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	7.157	7.636	529.0E6	280.2E6	317.425m	289.615
Target Compounds							
1) T	Dalapon	2.599	2.652	570.3E6	468.6E6	173.480m	220.573m#
2) T	3,5-DICHL...	6.342	6.607	615.7E6	387.4E6	247.240	266.112m
3) T	4-Nitroph...	6.957	7.167	356.7E6	231.8E6	248.765	270.700
5) T	DICAMBA	7.341	7.831	2087.8E6	1362.8E6	237.926	257.960
6) T	MCPD	7.519	7.933	53730366	54125874	17.044m	23.725 #
7) T	MCPA	7.667	8.172	74425995	78051584	16.581	24.765 #
8) T	DICHLORPROP	8.041	8.541	563.6E6	402.0E6	252.592	306.781
9) T	2,4-D	8.271	8.866	661.9E6	385.4E6	291.177	293.793
10) T	Pentachlo...	8.564	9.385	9755.5E6	5636.7E6	234.321	236.919
11) T	2,4,5-TP ...	9.138	9.761	4226.4E6	2639.2E6	262.104	281.472
12) T	2,4,5-T	9.429	10.177	3786.1E6	2265.5E6	248.710	261.797
13) T	2,4-DB	10.000	10.740	391.2E6	219.2E6	161.860m	256.356 #
14) T	DINOSEB	11.195	11.116	271.6E6	142.9E6	21.375	22.061
15) T	Picloram	11.008	12.193	5489.4E6	2553.8E6	210.057	203.648
16) T	DCPA	11.488	12.151	5841.6E6	3662.0E6	223.348	294.795 #

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

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Operator : AR\AJ
Sample : Q1383-01MS
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ALS Vial : 34 Sample Multiplier: 1

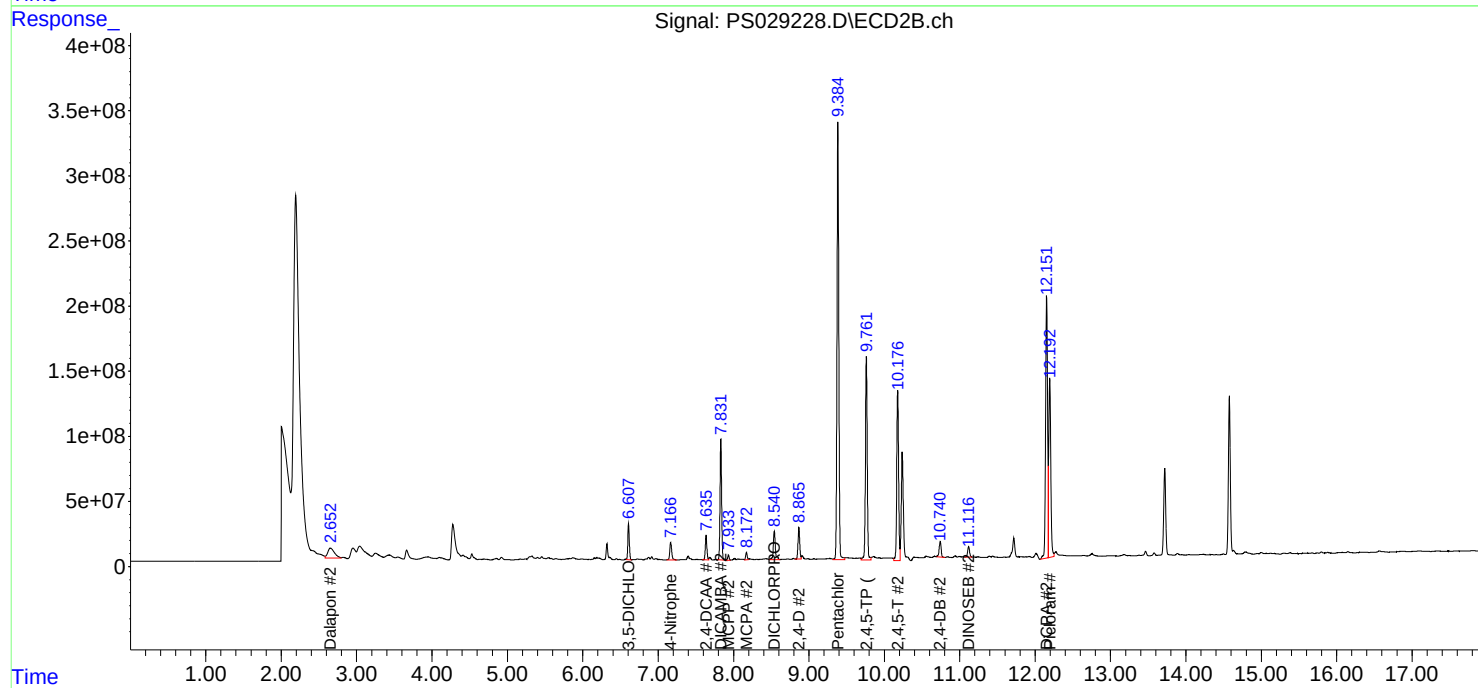
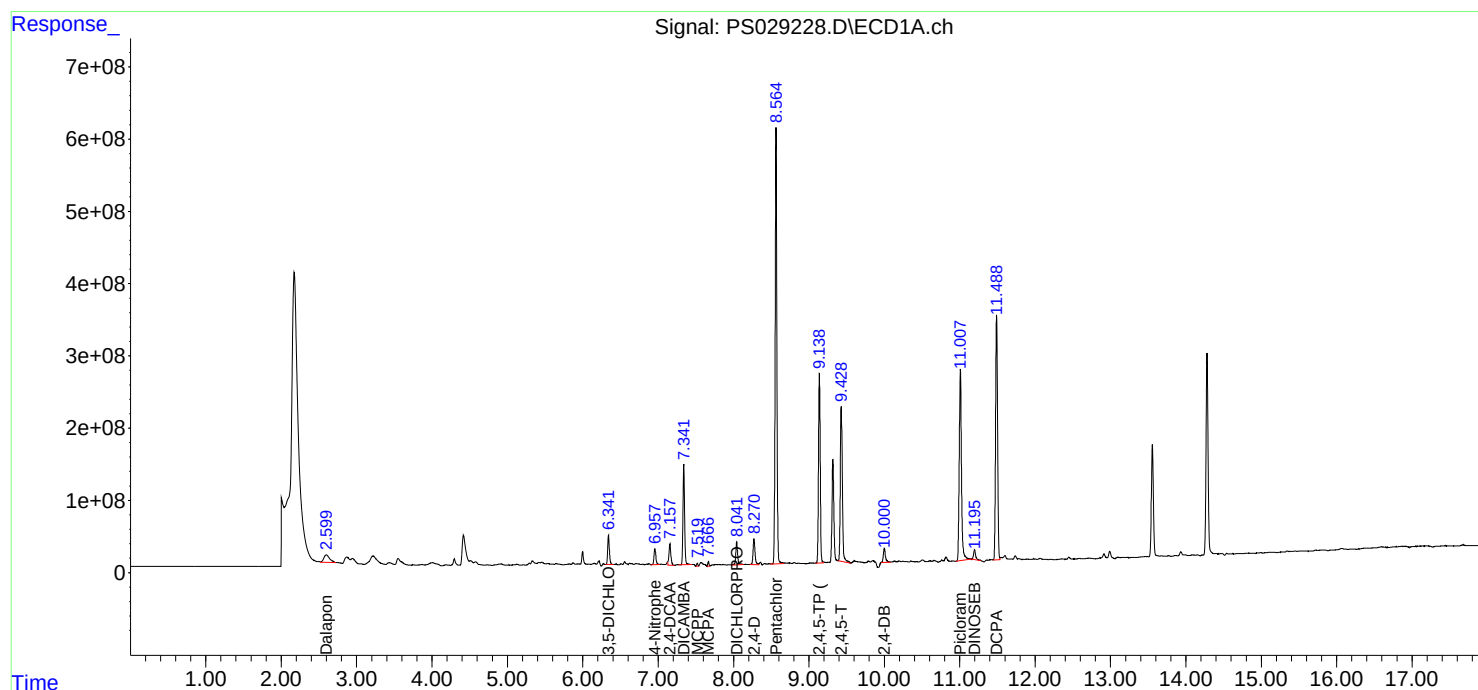
Instrument :
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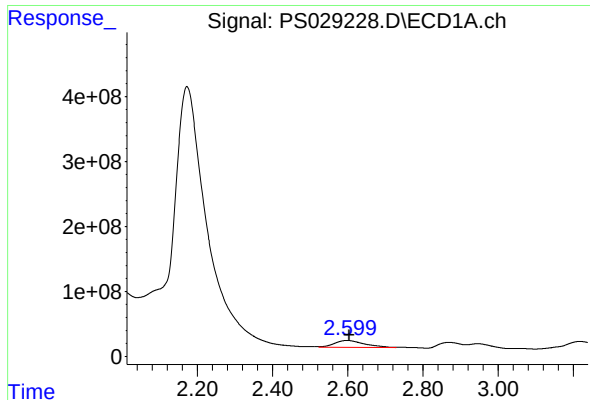
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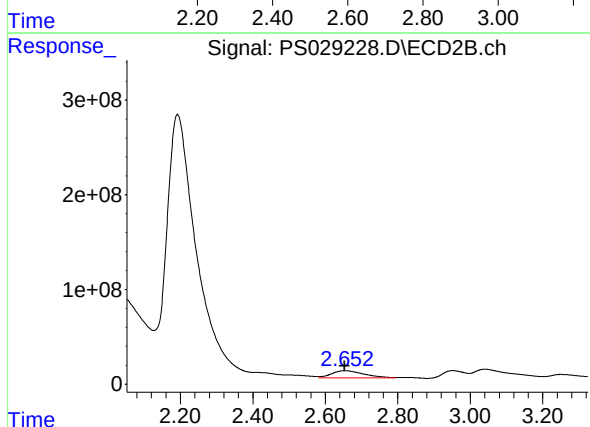
#1 Dalapon

R.T.: 2.599 min
Delta R.T.: -0.005 min
Response: 570313466
Conc: 173.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MS

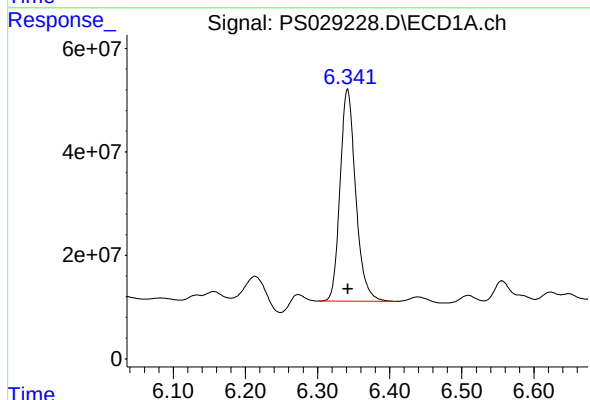
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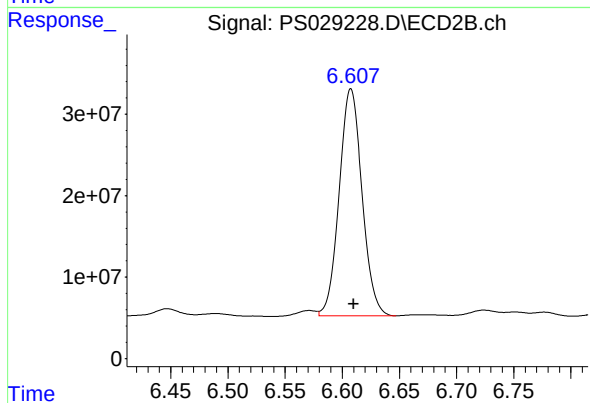
#1 Dalapon

R.T.: 2.652 min
Delta R.T.: 0.000 min
Response: 468609501
Conc: 220.57 ng/ml m



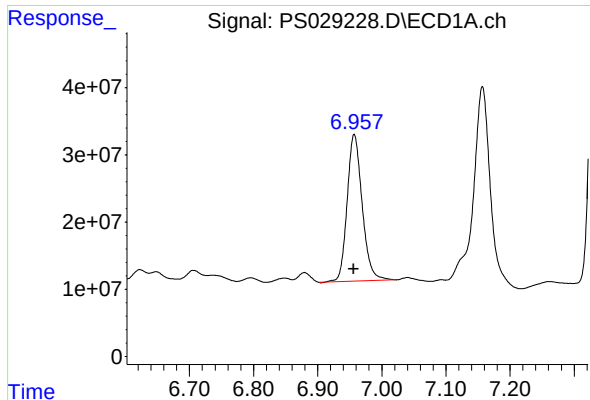
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 615737536
Conc: 247.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 387448317
Conc: 266.11 ng/ml m



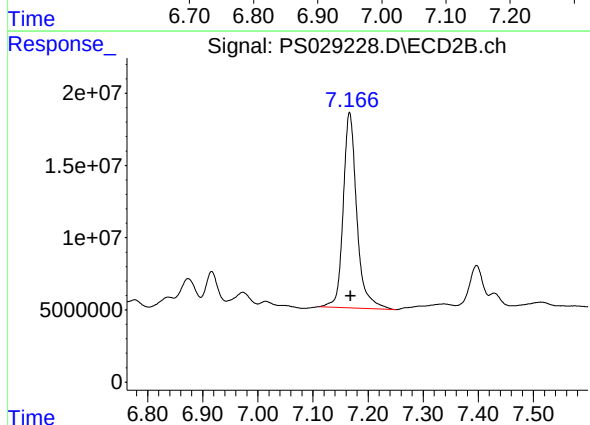
#3 4-Nitrophenol

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 356692561
Conc: 248.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MS

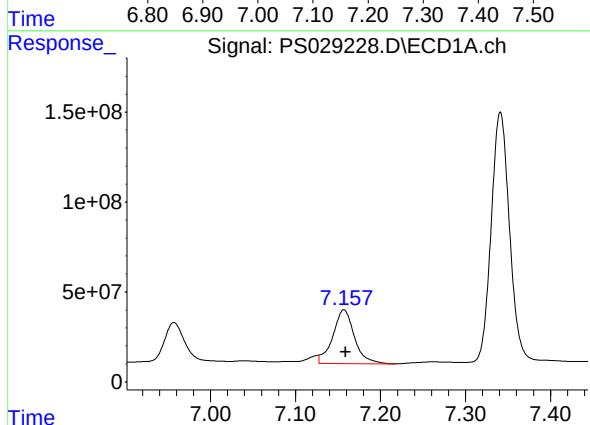
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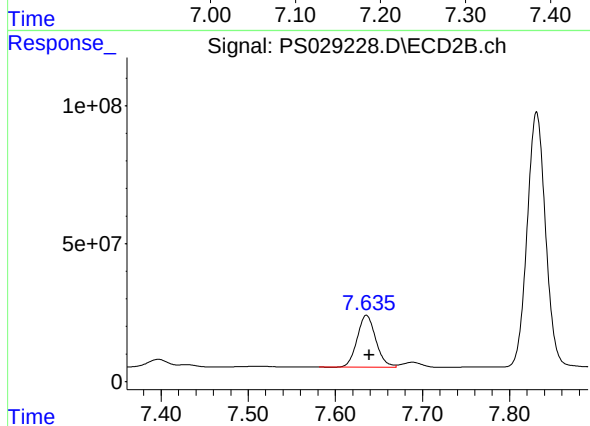
#3 4-Nitrophenol

R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 231821785
Conc: 270.70 ng/ml



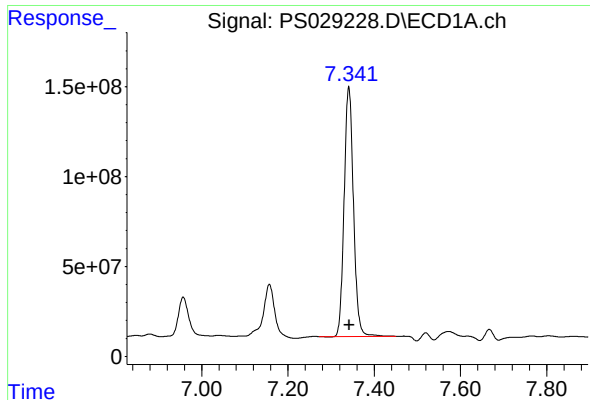
#4 2,4-DCAA

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 529006924
Conc: 317.42 ng/ml m



#4 2,4-DCAA

R.T.: 7.636 min
Delta R.T.: -0.003 min
Response: 280193460
Conc: 289.61 ng/ml



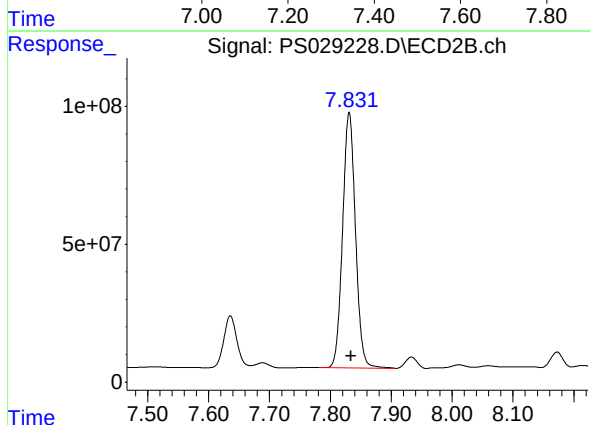
#5 DICAMBA

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 2087795242
Conc: 237.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MS

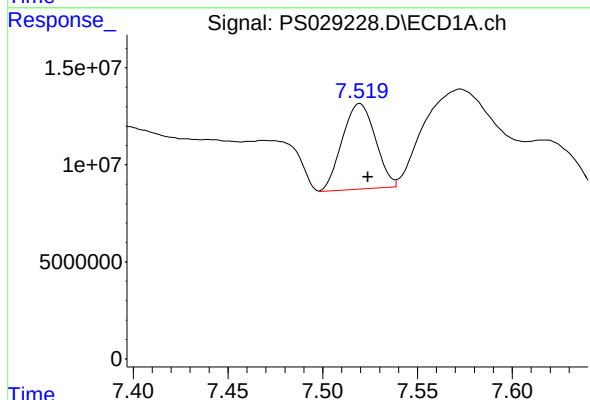
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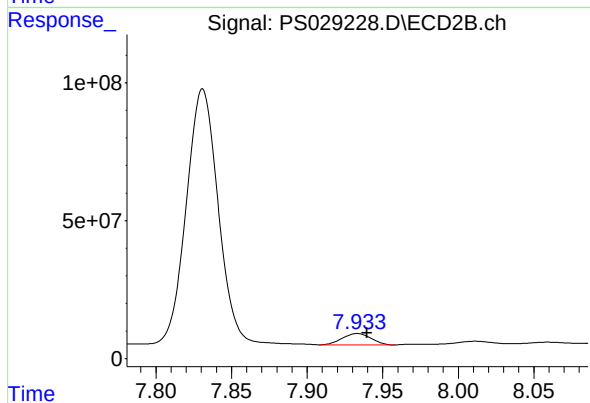
#5 DICAMBA

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 1362797673
Conc: 257.96 ng/ml



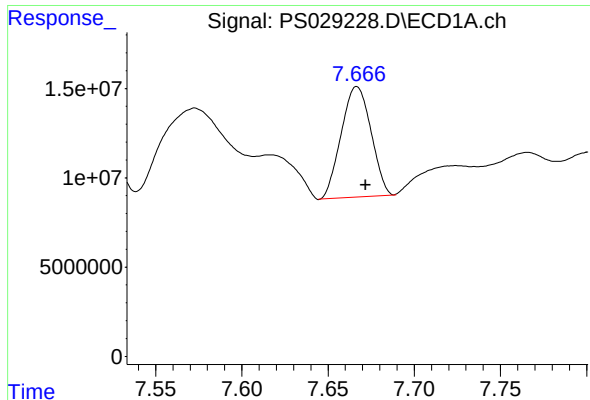
#6 MCPP

R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 53730366
Conc: 17.04 ug/ml m



#6 MCPP

R.T.: 7.933 min
Delta R.T.: -0.006 min
Response: 54125874
Conc: 23.72 ug/ml



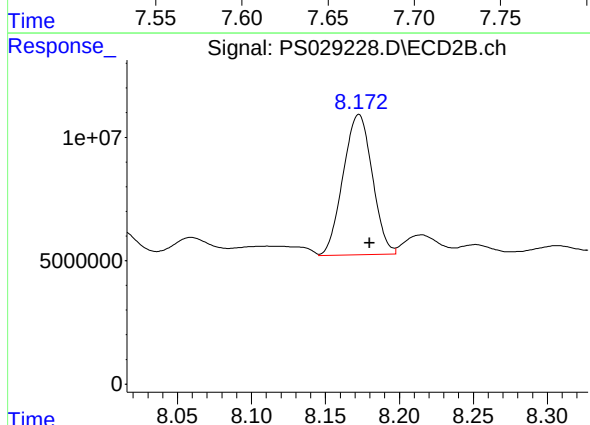
#7 MCPA

R.T.: 7.667 min
Delta R.T.: -0.005 min
Response: 74425995
Conc: 16.58 ug/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MS

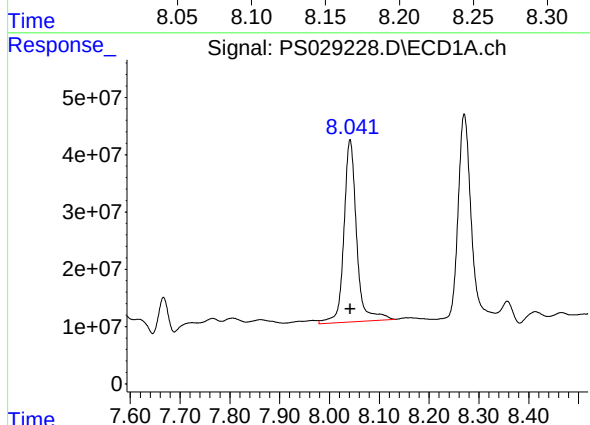
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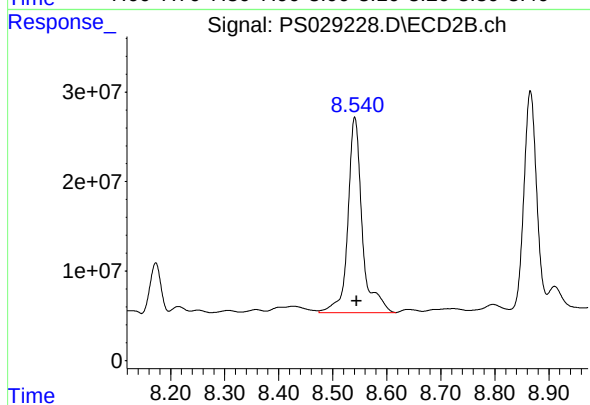
#7 MCPA

R.T.: 8.172 min
Delta R.T.: -0.008 min
Response: 78051584
Conc: 24.76 ug/ml



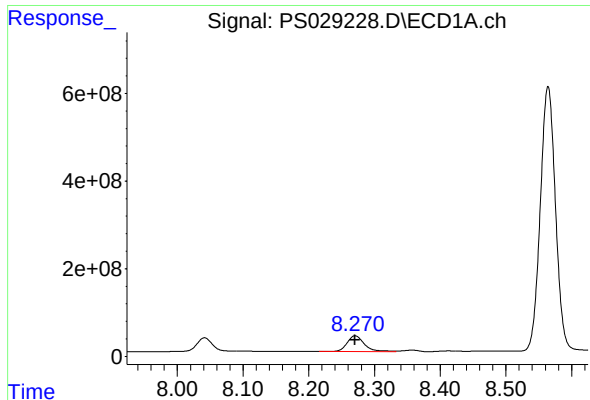
#8 DICHLORPROP

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 563584225
Conc: 252.59 ng/ml



#8 DICHLORPROP

R.T.: 8.541 min
Delta R.T.: -0.003 min
Response: 402015410
Conc: 306.78 ng/ml



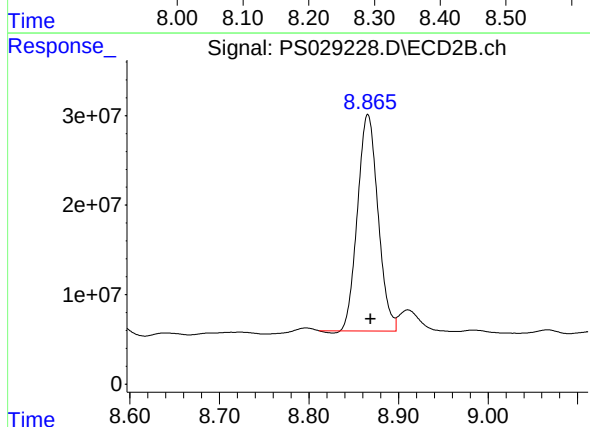
#9 2,4-D

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 661864288
Conc: 291.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MS

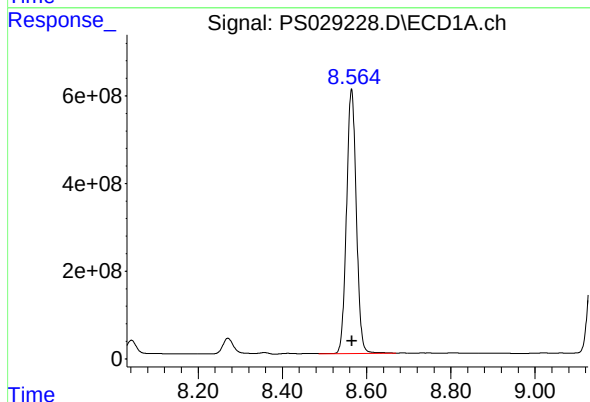
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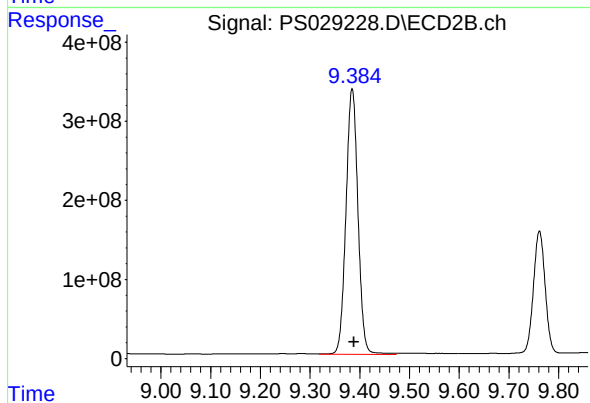
#9 2,4-D

R.T.: 8.866 min
Delta R.T.: -0.003 min
Response: 385393932
Conc: 293.79 ng/ml



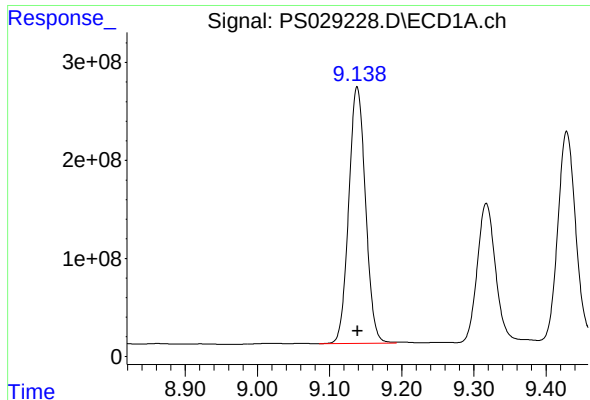
#10 Pentachlorophenol

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 9755490515
Conc: 234.32 ng/ml



#10 Pentachlorophenol

R.T.: 9.385 min
Delta R.T.: -0.004 min
Response: 5636672753
Conc: 236.92 ng/ml



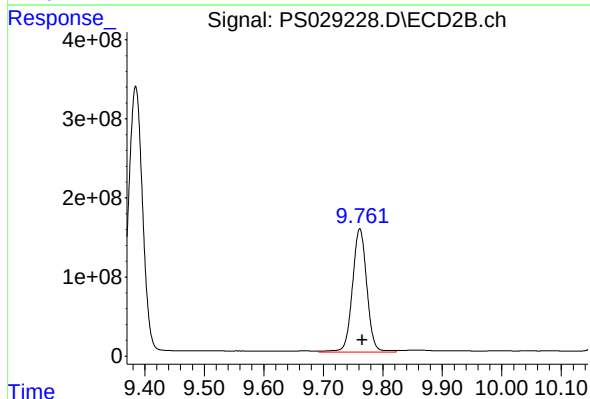
#11 2,4,5-TP (SILVEX)

R.T.: 9.138 min
Delta R.T.: 0.000 min
Response: 4226395852
Conc: 262.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MS

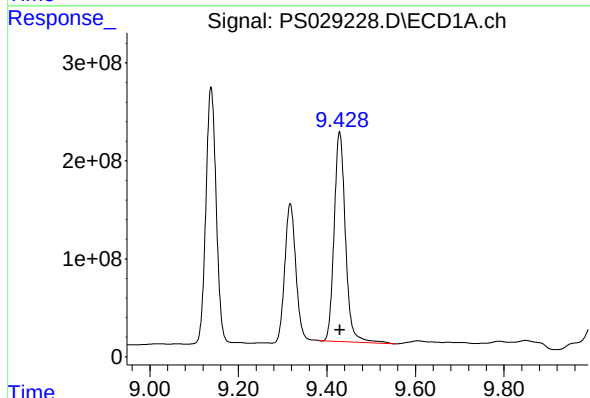
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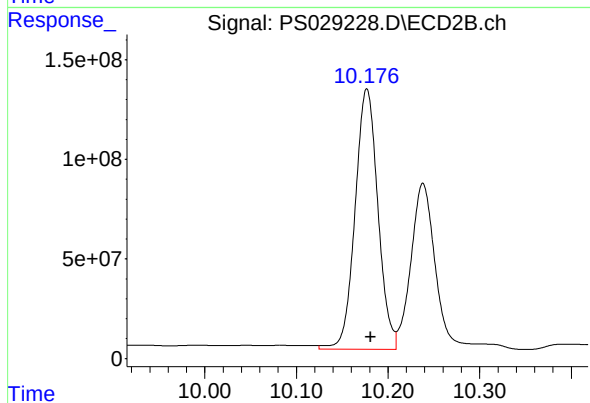
#11 2,4,5-TP (SILVEX)

R.T.: 9.761 min
Delta R.T.: -0.004 min
Response: 2639204704
Conc: 281.47 ng/ml



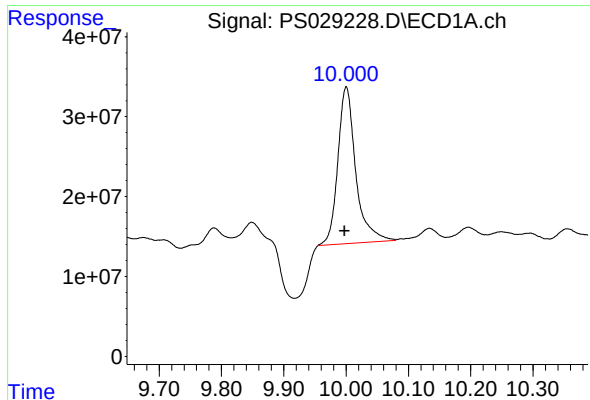
#12 2,4,5-T

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 3786060601
Conc: 248.71 ng/ml



#12 2,4,5-T

R.T.: 10.177 min
Delta R.T.: -0.004 min
Response: 2265460806
Conc: 261.80 ng/ml



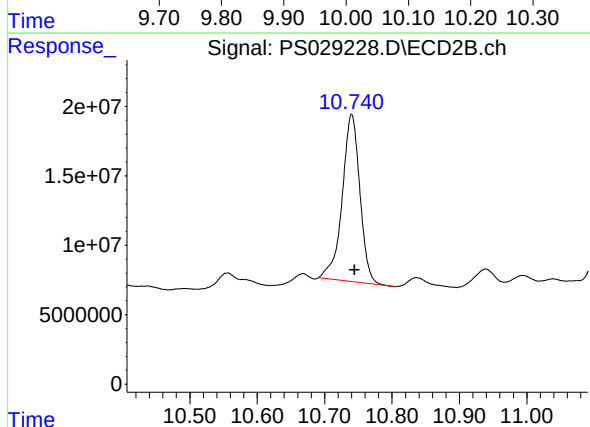
#13 2,4-DB

R.T.: 10.000 min
Delta R.T.: 0.002 min
Response: 391230316
Conc: 161.86 ng/ml

Instrument :
ECD_S
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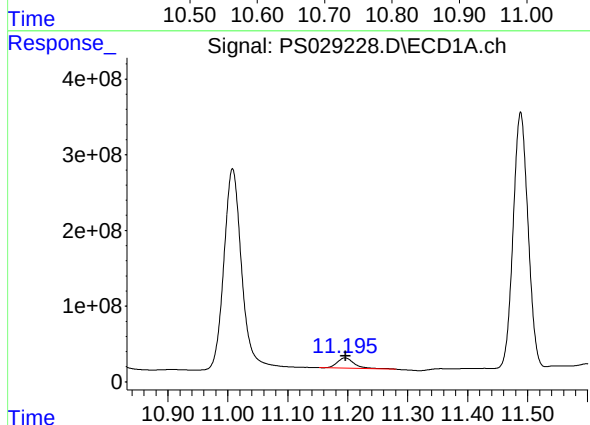
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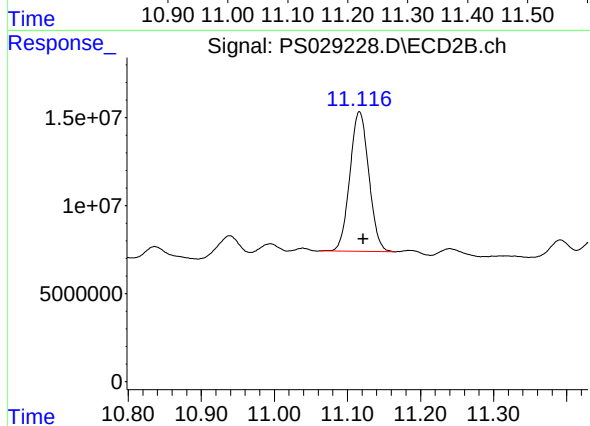
#13 2,4-DB

R.T.: 10.740 min
Delta R.T.: -0.005 min
Response: 219211012
Conc: 256.36 ng/ml



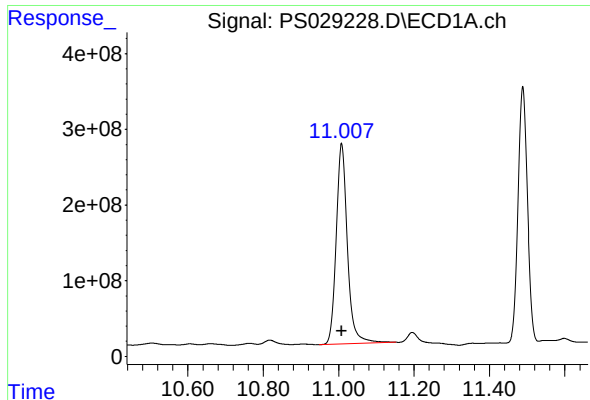
#14 DINOSEB

R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 271582526
Conc: 21.37 ng/ml



#14 DINOSEB

R.T.: 11.116 min
Delta R.T.: -0.005 min
Response: 142856212
Conc: 22.06 ng/ml



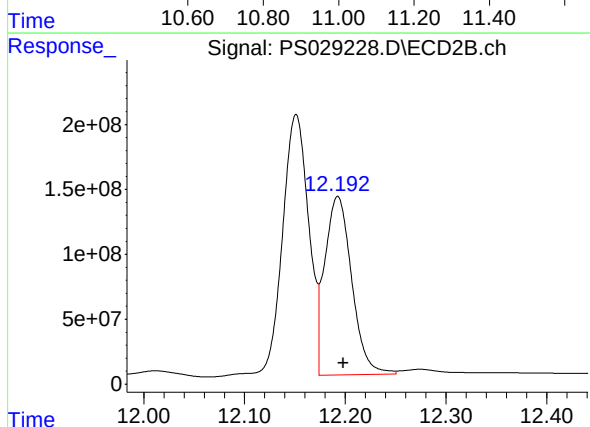
#15 Picloram

R.T.: 11.008 min
Delta R.T.: 0.000 min
Response: 5489446406
Conc: 210.06 ng/ml

Instrument :
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ClientSampleId :
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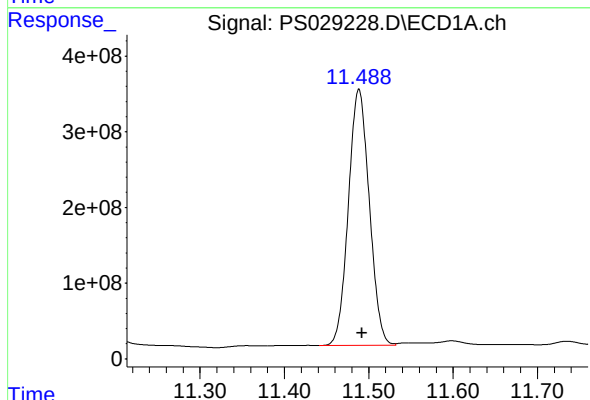
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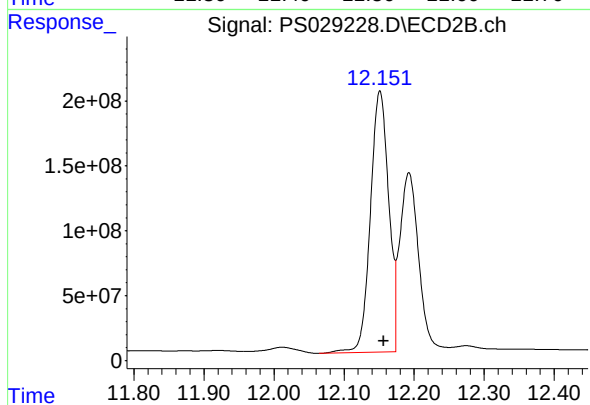
#15 Picloram

R.T.: 12.193 min
Delta R.T.: -0.006 min
Response: 2553790769
Conc: 203.65 ng/ml



#16 DCPA

R.T.: 11.488 min
Delta R.T.: -0.003 min
Response: 5841616716
Conc: 223.35 ng/ml



#16 DCPA

R.T.: 12.151 min
Delta R.T.: -0.006 min
Response: 3661979839
Conc: 294.80 ng/ml