

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011725\
 Data File : PS028927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2025 18:05
 Operator : AR\AJ
 Sample : Q1115-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 VNJ-214MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/20/2025
 Supervised By : Ankita Jodhani 01/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 03:23:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Jan 14 12:25:39 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	7.196	7.676	881.1E6	297.8E6	316.501	266.854
Target Compounds							
1) T	Dalapon	2.611	2.673	1414.5E6	686.9E6	474.373m	336.709m#
2) T	3,5-DICHL...	6.373	6.641	863.9E6	328.3E6	216.145	198.641
3) T	4-Nitroph...	6.996	7.205	113.4E6	55714965	63.989m	62.617m
5) T	DICAMBA	7.382	7.872	2695.4E6	1199.9E6	227.245	215.462
6) T	MCPD	7.559	7.971	116.0E6	53050270	17.022m	17.637
7) T	MCPA	7.708	8.213	177.9E6	87741623	18.055	20.658
8) T	DICHLORPROP	8.085	8.584	612.3E6	272.7E6	193.254	194.034
9) T	2,4-D	8.314	8.910	882.7E6	355.3E6	261.201	236.936
10) T	Pentachlo...	8.611	9.434	8251.3E6	3833.8E6	171.058	165.492
11) T	2,4,5-TP ...	9.187	9.810	3353.0E6	1647.3E6	175.252	174.882
12) T	2,4,5-T	9.477	10.227	3604.2E6	1701.9E6	187.748	188.909
13) T	2,4-DB	10.050	10.791	382.8E6	141.1E6	107.916m	141.736 #
14) T	DINOSEB	11.251	11.169	513.1E6	216.3E6	31.006m	33.710
15) T	Picloram	11.060	12.251	7068.6E6	2918.7E6	224.030m	217.498
16) T	DCPA	11.544	12.207	6530.7E6	3474.1E6	227.703	306.028 #

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

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Operator : AR\AJ
Sample : Q1115-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

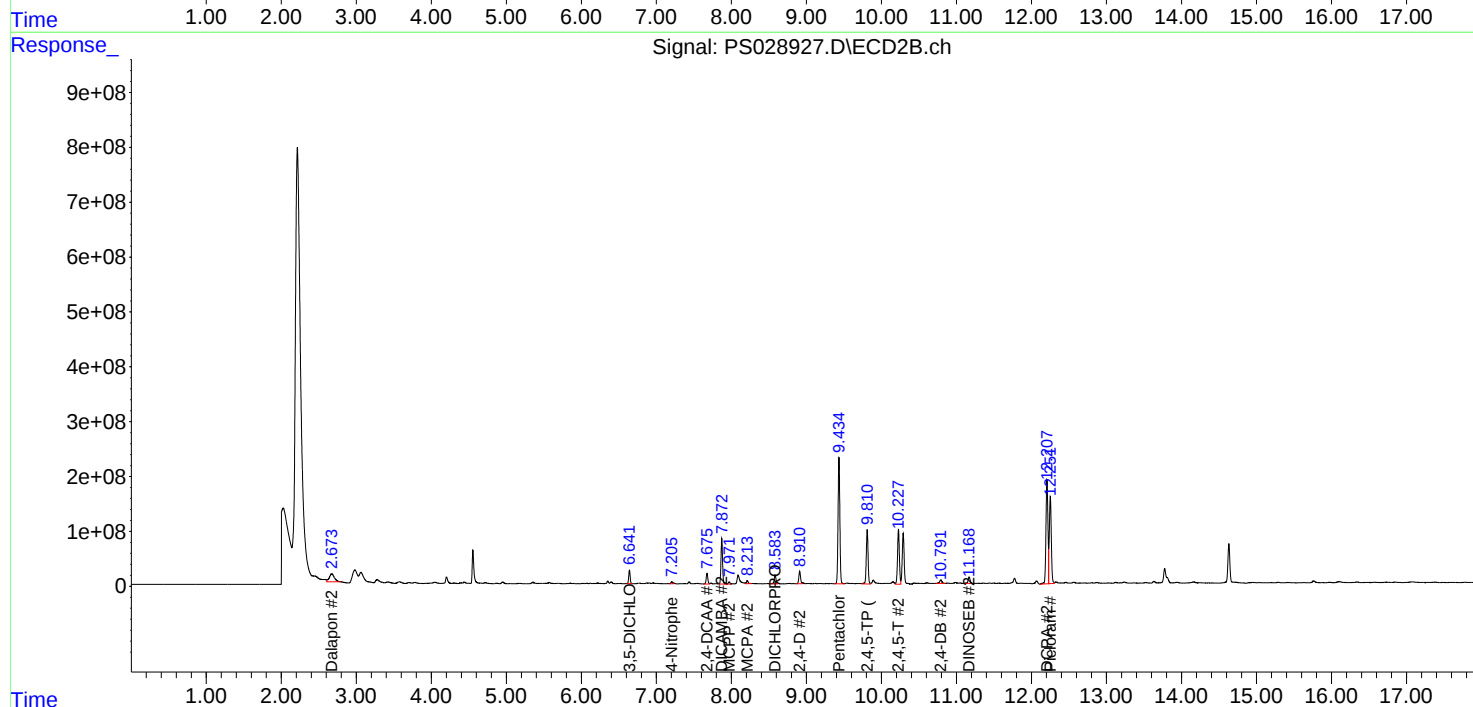
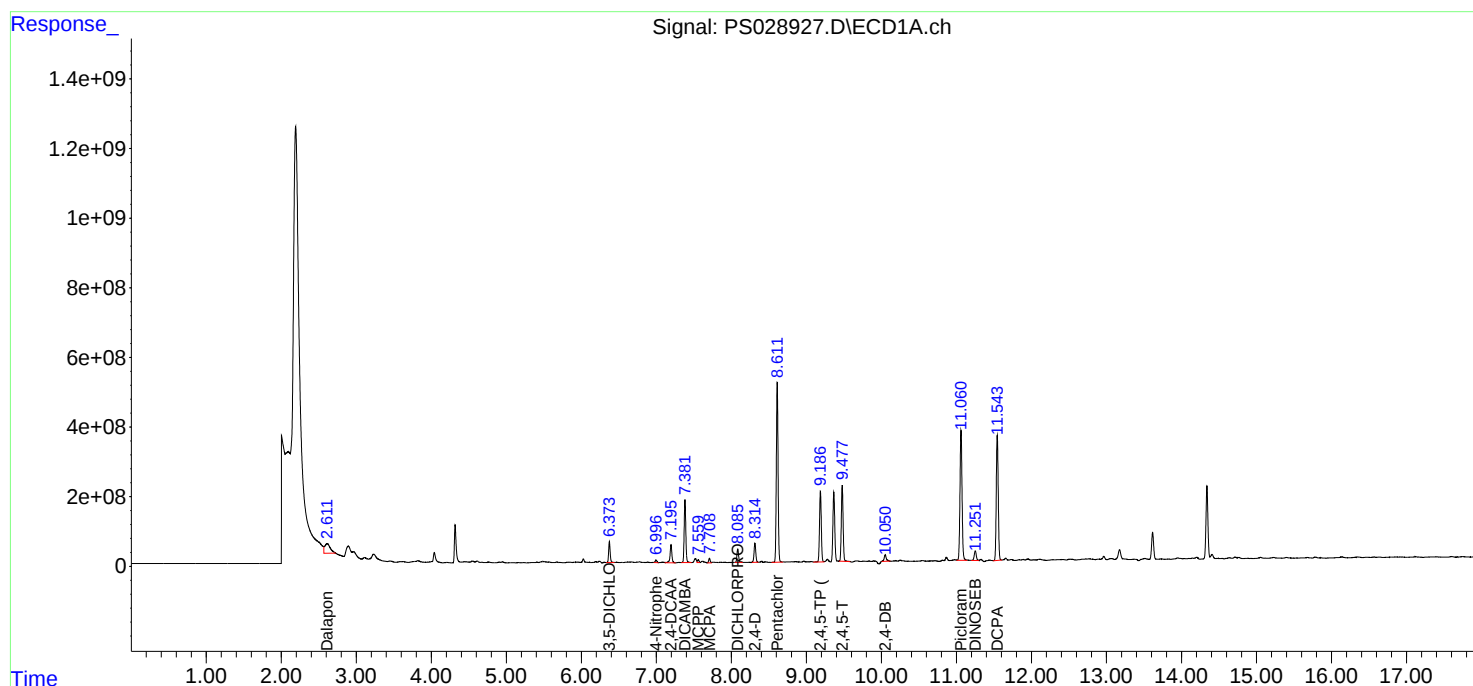
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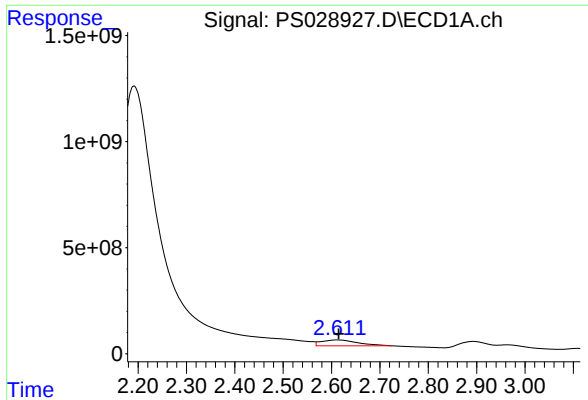
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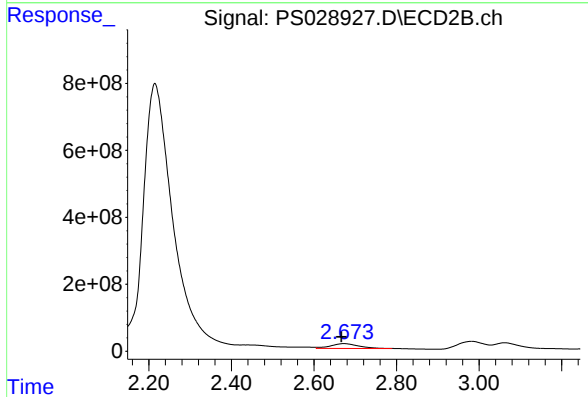
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.004 min
Response: 1414457320
Conc: 474.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

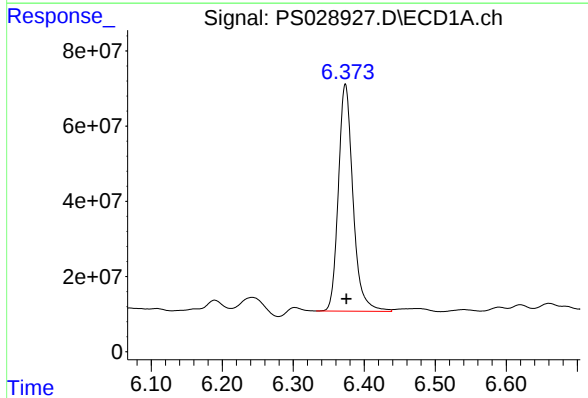
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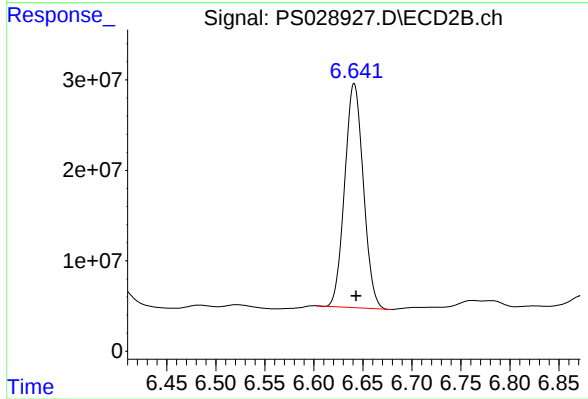
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.006 min
Response: 686935297
Conc: 336.71 ng/ml m



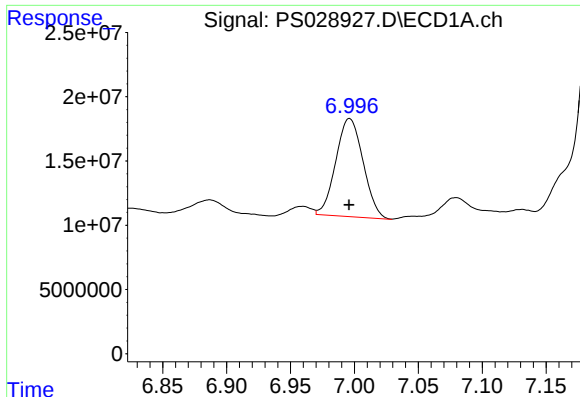
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 863898996
Conc: 216.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 328278276
Conc: 198.64 ng/ml



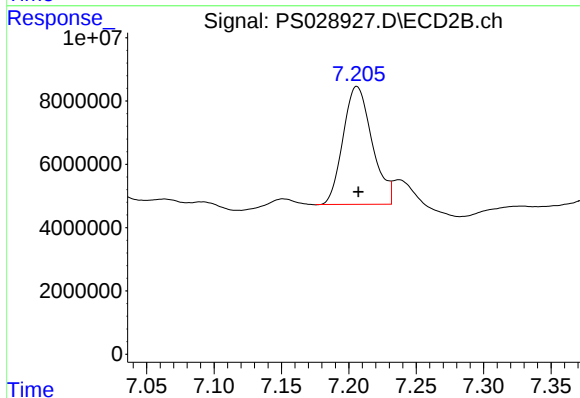
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 113393963
Conc: 63.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

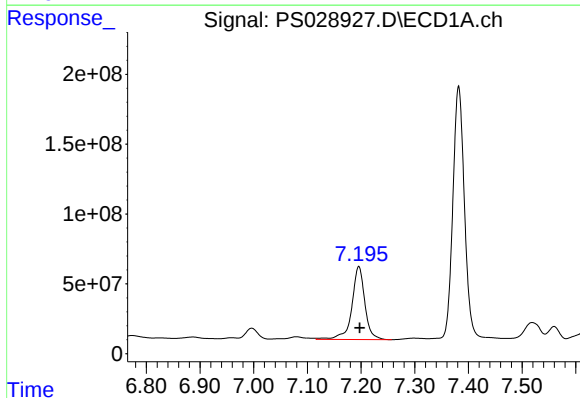
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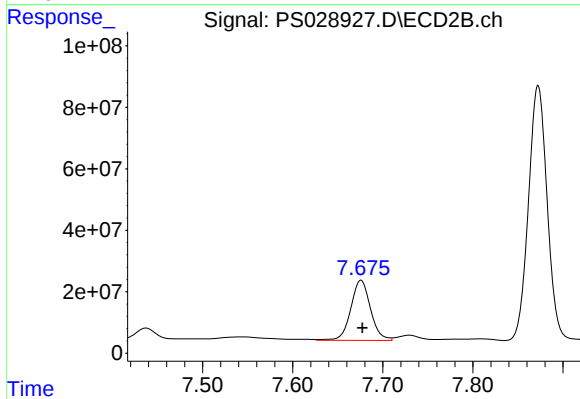
#3 4-Nitrophenol

R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 55714965
Conc: 62.62 ng/ml m



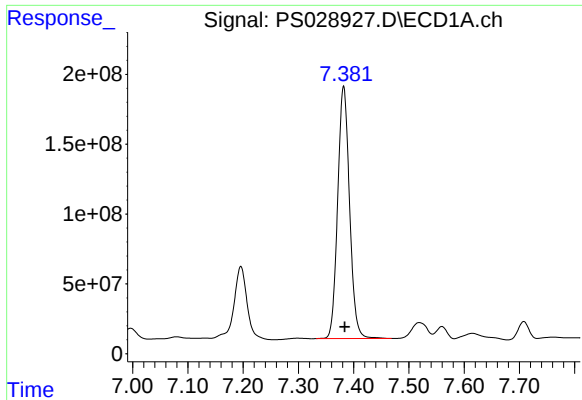
#4 2,4-DCAA

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 881144041
Conc: 316.50 ng/ml



#4 2,4-DCAA

R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 297759442
Conc: 266.85 ng/ml



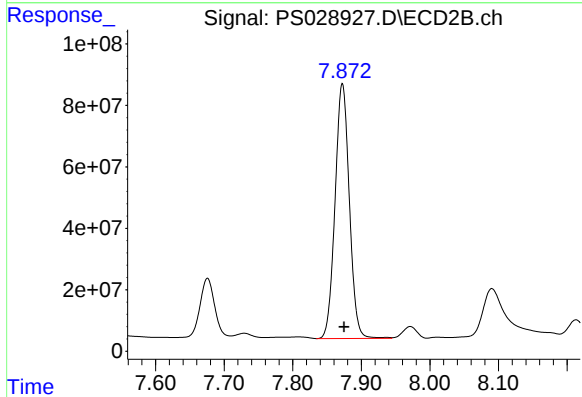
#5 DICAMBA

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 2695448800
Conc: 227.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

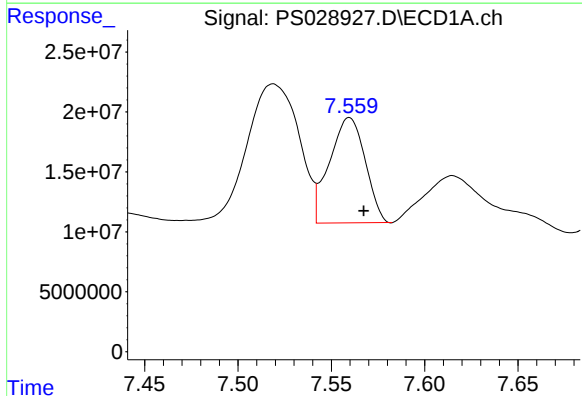
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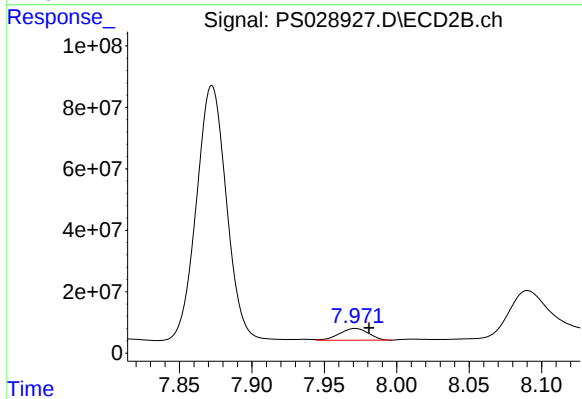
#5 DICAMBA

R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 1199917568
Conc: 215.46 ng/ml



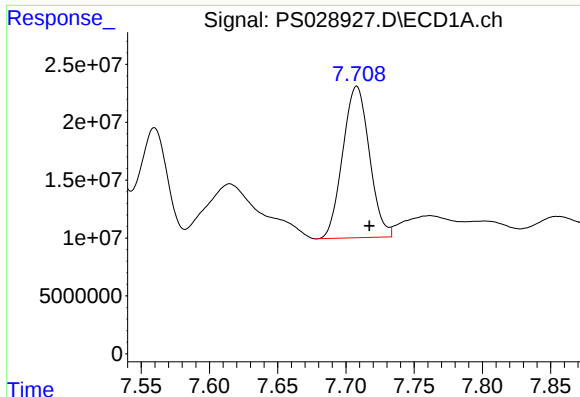
#6 MCPP

R.T.: 7.559 min
Delta R.T.: -0.008 min
Response: 116029431
Conc: 17.02 ug/ml m



#6 MCPP

R.T.: 7.971 min
Delta R.T.: -0.010 min
Response: 53050270
Conc: 17.64 ug/ml



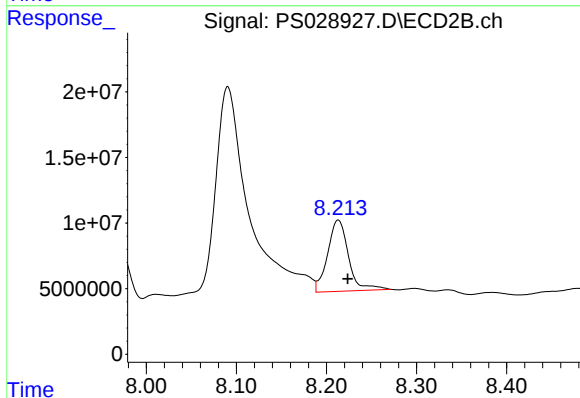
#7 MCPA

R.T.: 7.708 min
Delta R.T.: -0.010 min
Response: 177863515
Conc: 18.06 ug/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

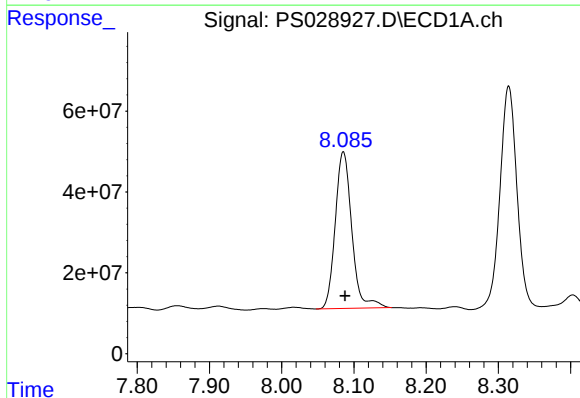
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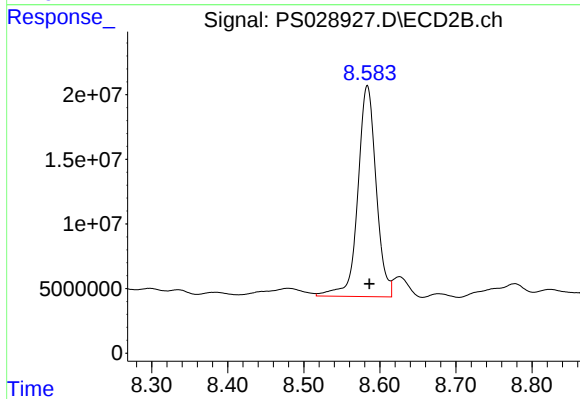
#7 MCPA

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 87741623
Conc: 20.66 ug/ml



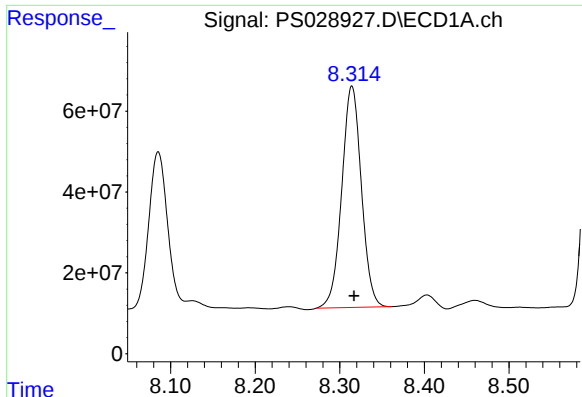
#8 DICHLORPROP

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 612339655
Conc: 193.25 ng/ml



#8 DICHLORPROP

R.T.: 8.584 min
Delta R.T.: -0.003 min
Response: 272733624
Conc: 194.03 ng/ml



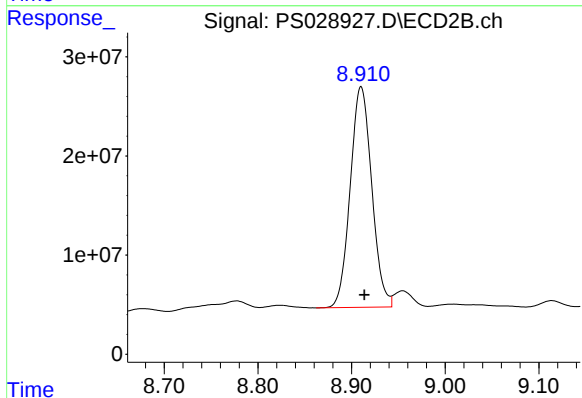
#9 2,4-D

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 882714747
Conc: 261.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

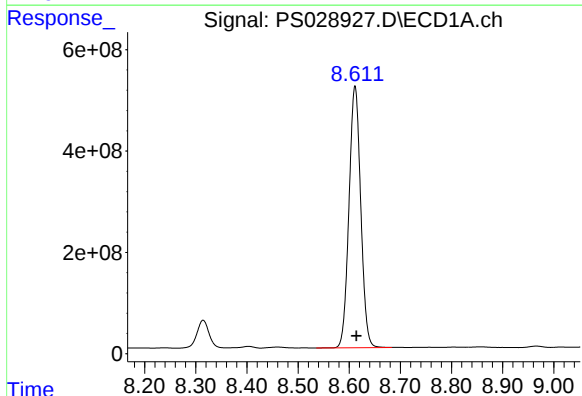
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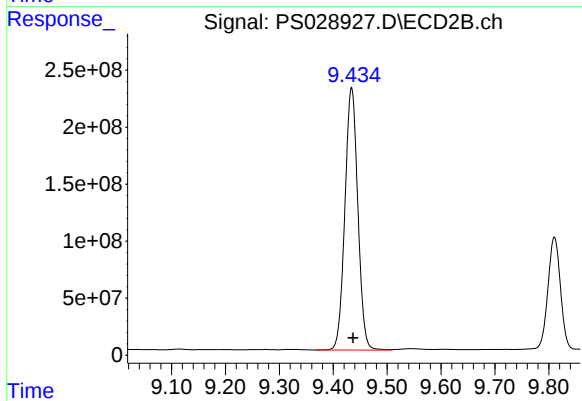
#9 2,4-D

R.T.: 8.910 min
Delta R.T.: -0.003 min
Response: 355289744
Conc: 236.94 ng/ml



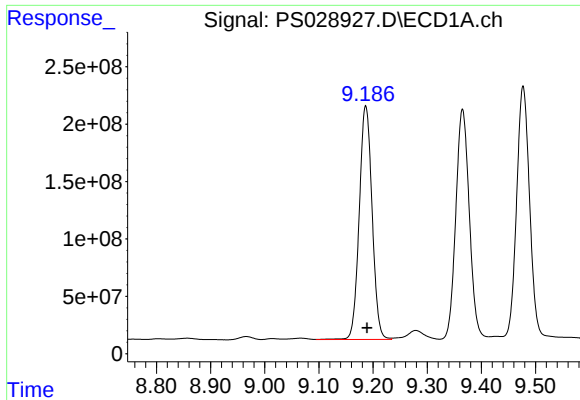
#10 Pentachlorophenol

R.T.: 8.611 min
Delta R.T.: -0.003 min
Response: 8251331476
Conc: 171.06 ng/ml



#10 Pentachlorophenol

R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 3833787458
Conc: 165.49 ng/ml



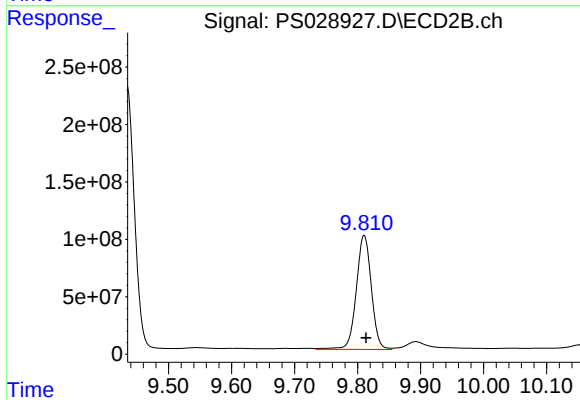
#11 2,4,5-TP (SILVEX)

R.T.: 9.187 min
Delta R.T.: -0.003 min
Response: 3353032633
Conc: 175.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

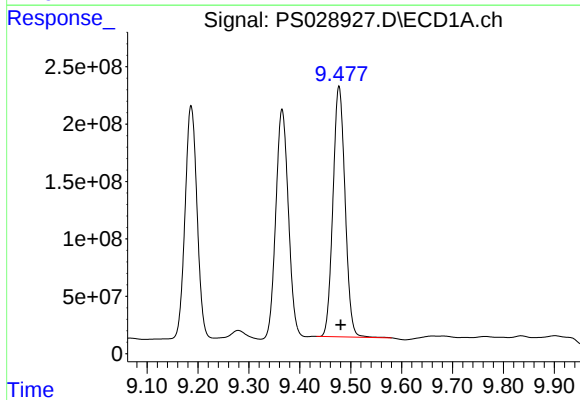
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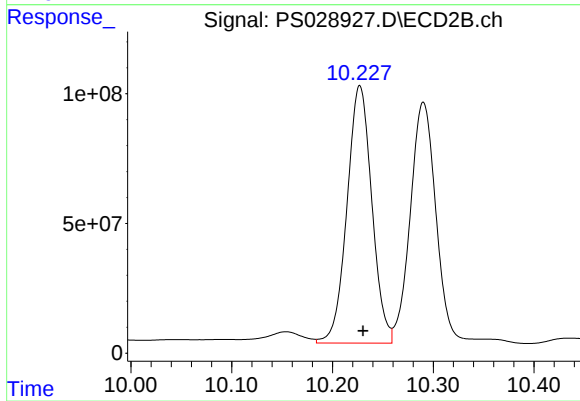
#11 2,4,5-TP (SILVEX)

R.T.: 9.810 min
Delta R.T.: -0.003 min
Response: 1647287861
Conc: 174.88 ng/ml



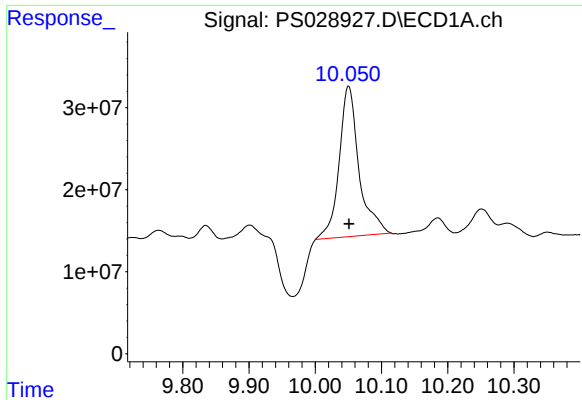
#12 2,4,5-T

R.T.: 9.477 min
Delta R.T.: -0.003 min
Response: 3604190978
Conc: 187.75 ng/ml



#12 2,4,5-T

R.T.: 10.227 min
Delta R.T.: -0.003 min
Response: 1701885683
Conc: 188.91 ng/ml



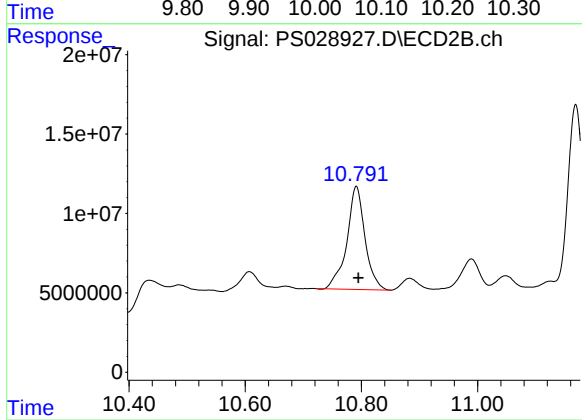
#13 2,4-DB

R.T.: 10.050 min
Delta R.T.: 0.000 min
Response: 382815201
Conc: 107.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

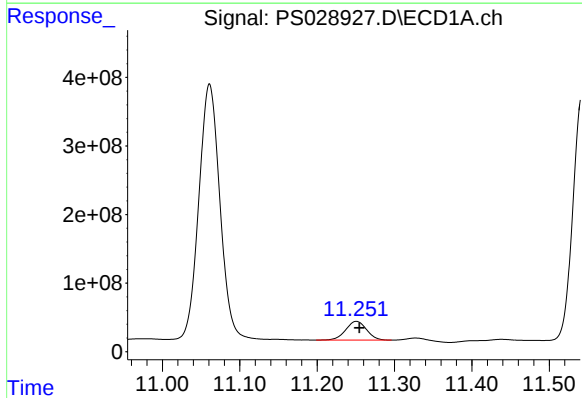
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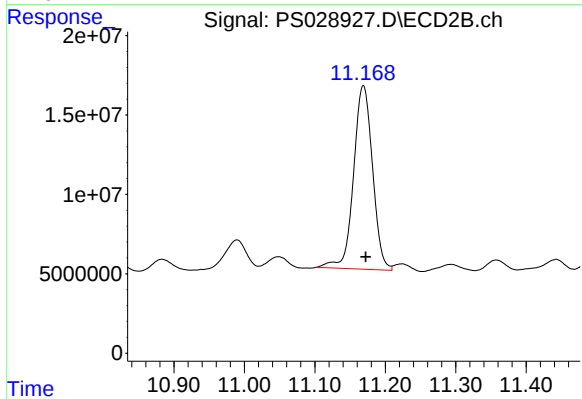
#13 2,4-DB

R.T.: 10.791 min
Delta R.T.: -0.004 min
Response: 141134026
Conc: 141.74 ng/ml



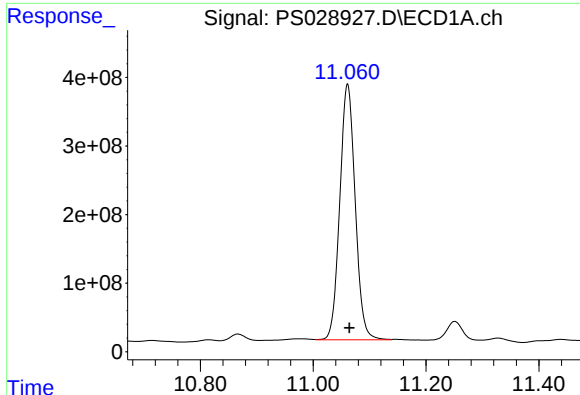
#14 DINOSEB

R.T.: 11.251 min
Delta R.T.: -0.004 min
Response: 513071072
Conc: 31.01 ng/ml m



#14 DINOSEB

R.T.: 11.169 min
Delta R.T.: -0.004 min
Response: 216327958
Conc: 33.71 ng/ml



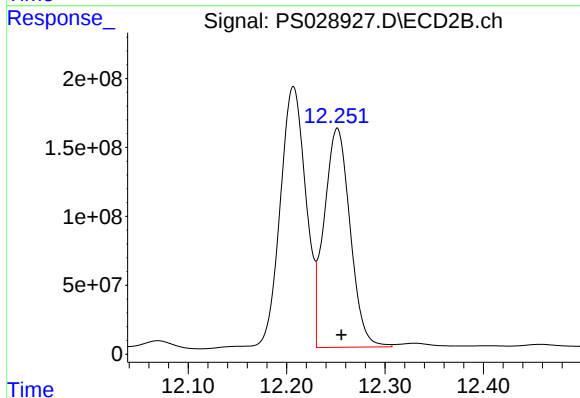
#15 Picloram

R.T.: 11.060 min
Delta R.T.: -0.004 min
Response: 7068640555
Conc: 224.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MS

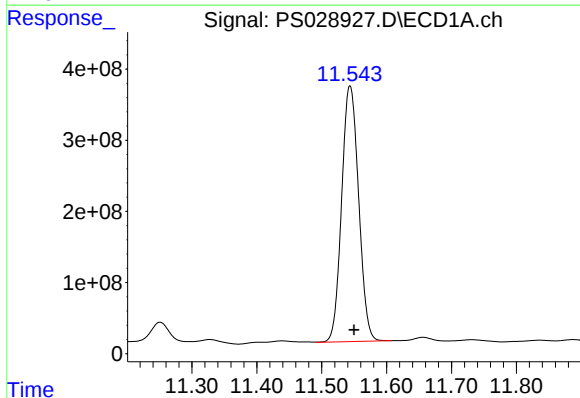
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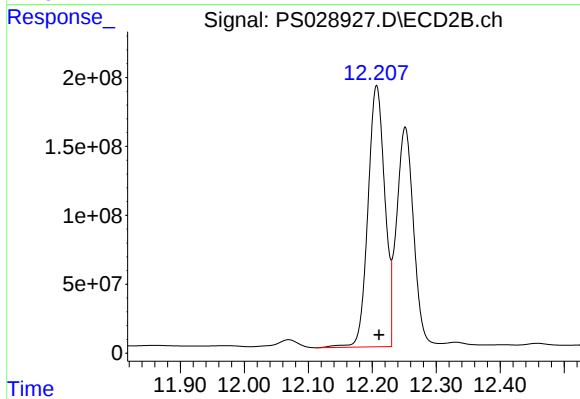
#15 Picloram

R.T.: 12.251 min
Delta R.T.: -0.004 min
Response: 2918746864
Conc: 217.50 ng/ml



#16 DCPA

R.T.: 11.544 min
Delta R.T.: -0.006 min
Response: 6530748968
Conc: 227.70 ng/ml



#16 DCPA

R.T.: 12.207 min
Delta R.T.: -0.004 min
Response: 3474140804
Conc: 306.03 ng/ml