

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011725\
 Data File : PS028928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2025 18:29
 Operator : AR\AJ
 Sample : Q1115-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 VNJ-214MSD

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 03:23:45 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	7.195	7.676	782.2E6	256.2E6	280.944	229.641
Target Compounds							
1) T	Dalapon	2.611	2.673	1140.7E6	691.4E6	382.559m	338.899m
2) T	3,5-DICHL...	6.373	6.641	690.8E6	266.2E6	172.846	161.074m
3) T	4-Nitroph...	6.995	7.206	75250912	36490639	42.465m	41.011m
5) T	DICAMBA	7.381	7.873	2355.3E6	1043.5E6	198.565	187.376
6) T	MCPD	7.558	7.971	85104235	43540437	12.485m	14.475
7) T	MCPA	7.707	8.213	138.0E6	73241119	14.010	17.244
8) T	DICHLORPROP	8.085	8.584	480.4E6	214.5E6	151.605	152.583
9) T	2,4-D	8.314	8.911	769.7E6	301.9E6	227.772	201.328
10) T	Pentachlo...	8.611	9.434	6024.2E6	2786.2E6	124.888	120.270
11) T	2,4,5-TP ...	9.187	9.810	2474.2E6	1215.8E6	129.318	129.072
12) T	2,4,5-T	9.478	10.227	2767.6E6	1314.4E6	144.170	145.902
13) T	2,4-DB	10.050	10.792	300.4E6	104.5E6	84.674m	104.907
14) T	DINOSEB	11.251	11.169	419.7E6	170.9E6	25.367m	26.625
15) T	Picloram	11.061	12.251	7147.8E6	2881.3E6	226.538	214.708
16) T	DCPA	11.544	12.206	7283.9E6	3651.3E6	253.961	321.632 #

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

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Operator : AR\AJ
Sample : Q1115-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

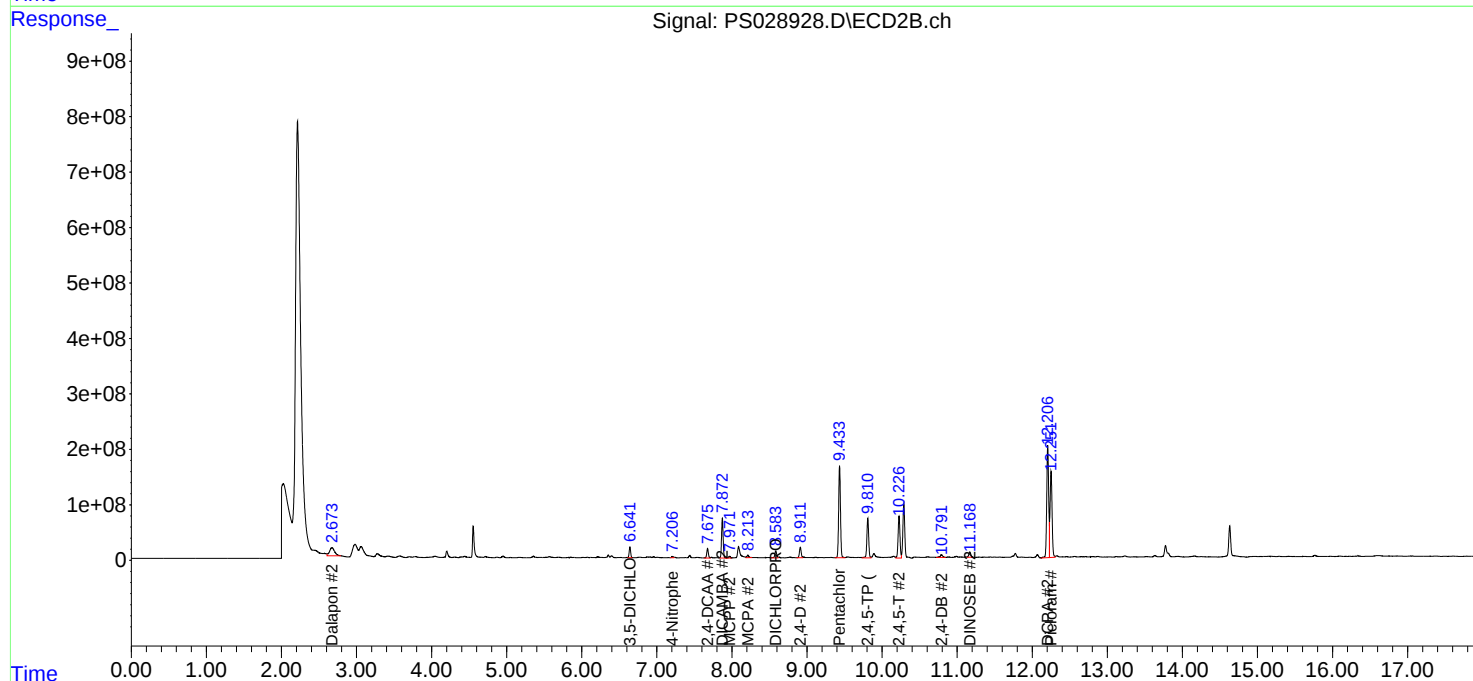
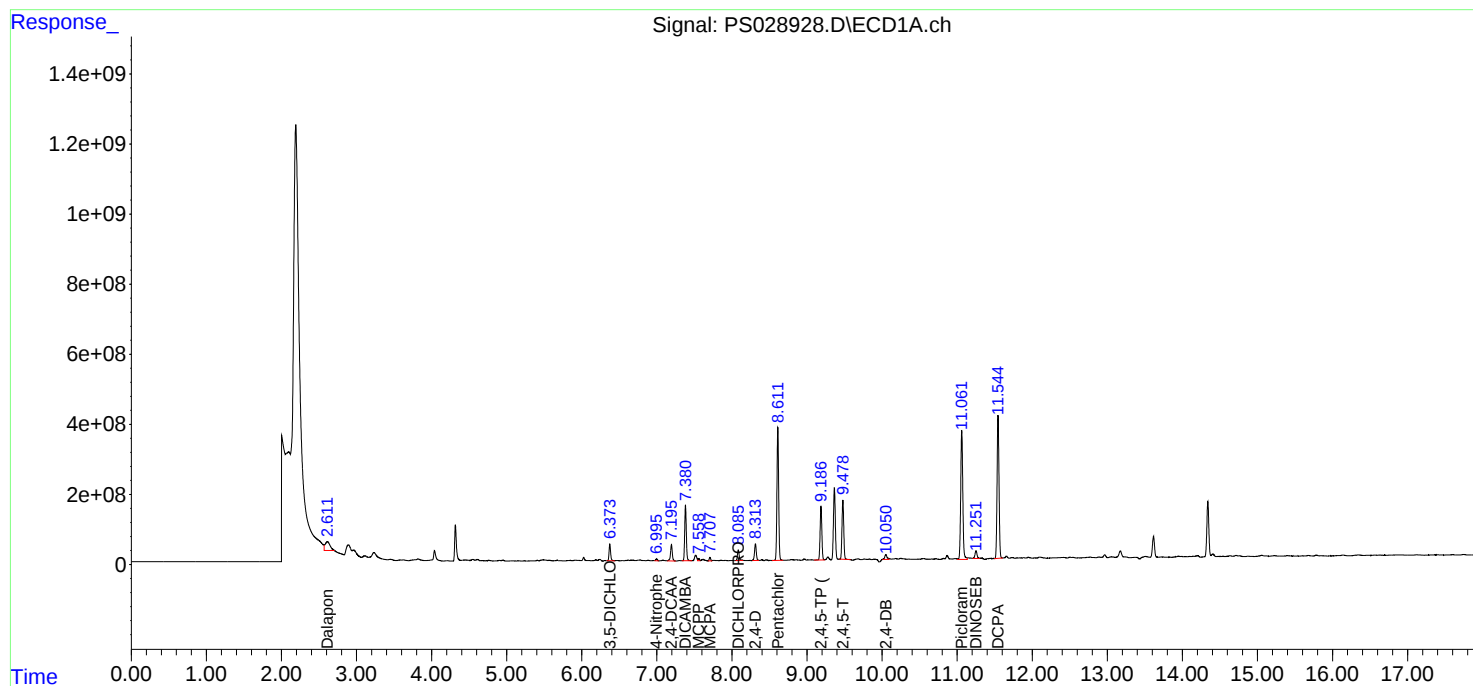
Instrument :
ECD_S
ClientSampleId :
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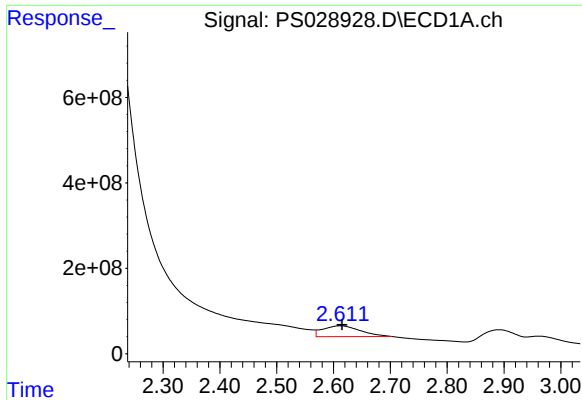
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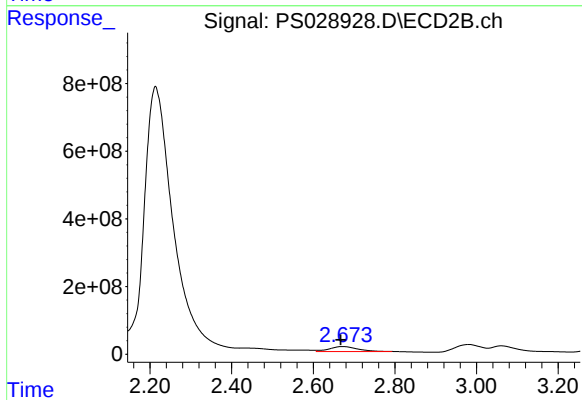
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.004 min
Response: 1140691985
Conc: 382.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

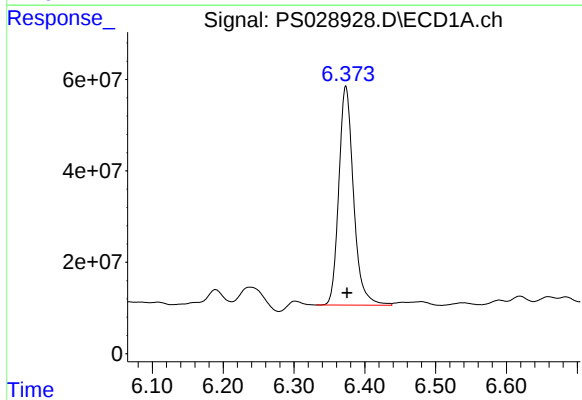
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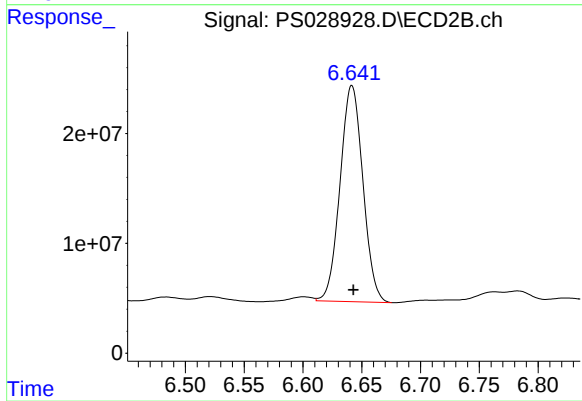
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.006 min
Response: 691403709
Conc: 338.90 ng/ml m



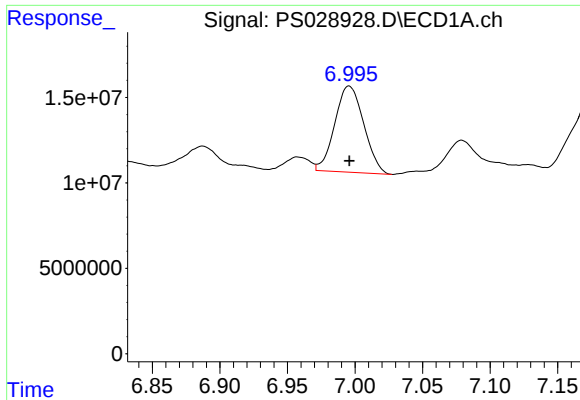
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 690838475
Conc: 172.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 266194096
Conc: 161.07 ng/ml m



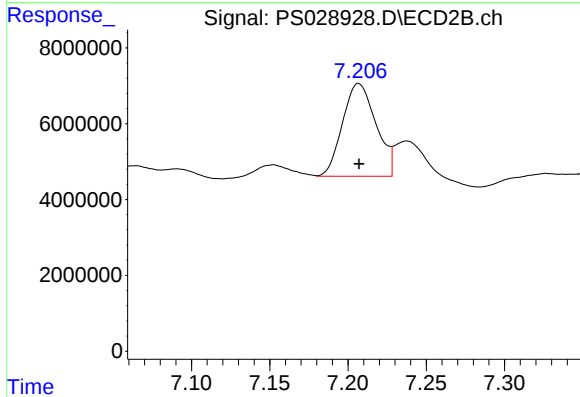
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 75250912
Conc: 42.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

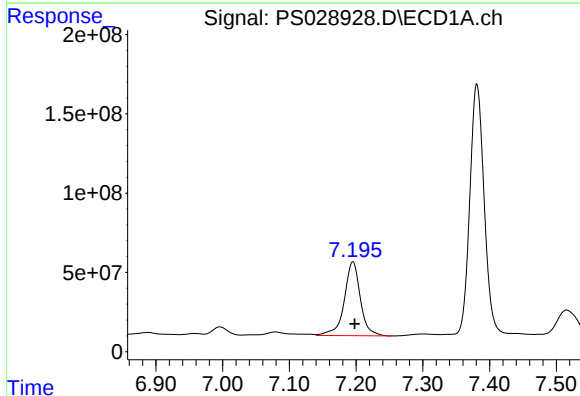
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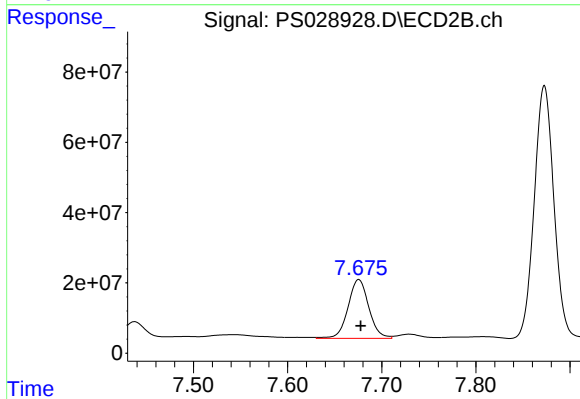
#3 4-Nitrophenol

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 36490639
Conc: 41.01 ng/ml m



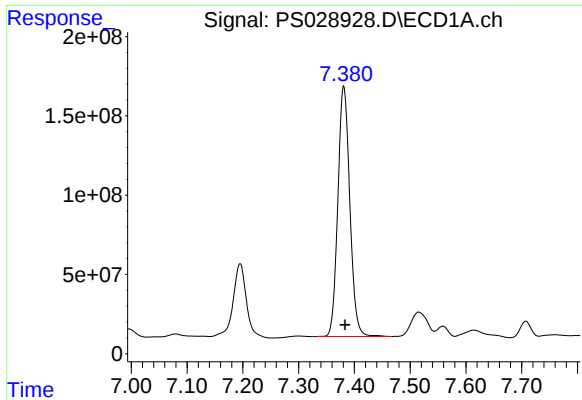
#4 2,4-DCAA

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 782151779
Conc: 280.94 ng/ml



#4 2,4-DCAA

R.T.: 7.676 min
Delta R.T.: -0.002 min
Response: 256236820
Conc: 229.64 ng/ml



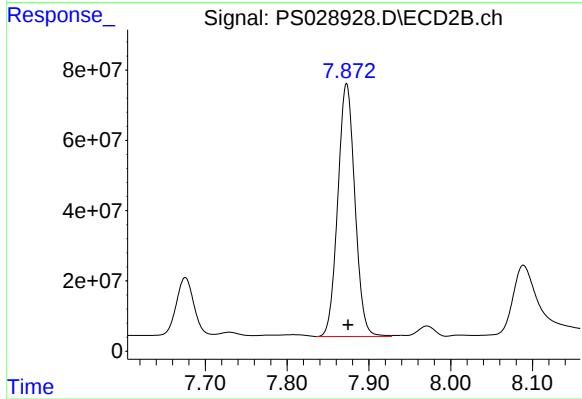
#5 DICAMBA

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 2355266731
Conc: 198.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

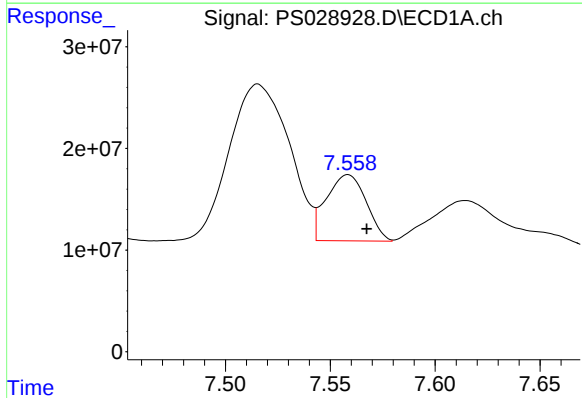
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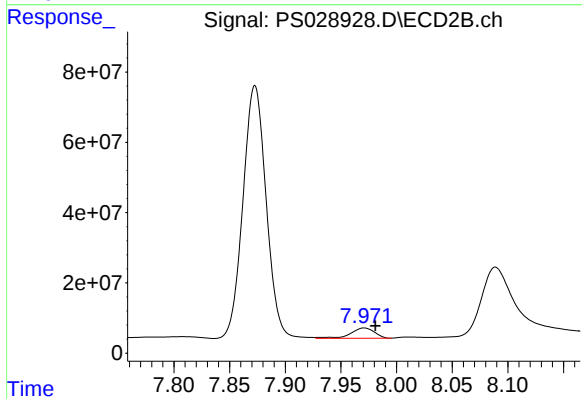
#5 DICAMBA

R.T.: 7.873 min
Delta R.T.: -0.002 min
Response: 1043501982
Conc: 187.38 ng/ml



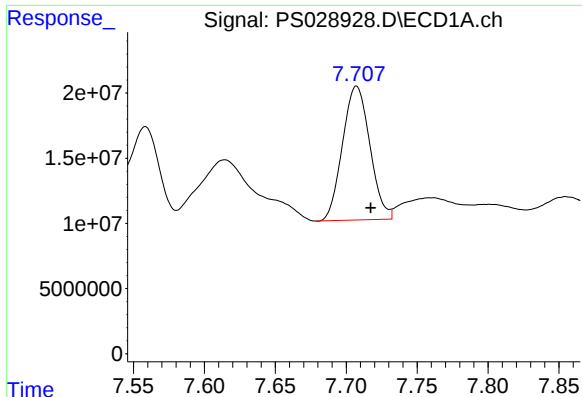
#6 MCP

R.T.: 7.558 min
Delta R.T.: -0.009 min
Response: 85104235
Conc: 12.49 ug/ml m



#6 MCP

R.T.: 7.971 min
Delta R.T.: -0.010 min
Response: 43540437
Conc: 14.48 ug/ml



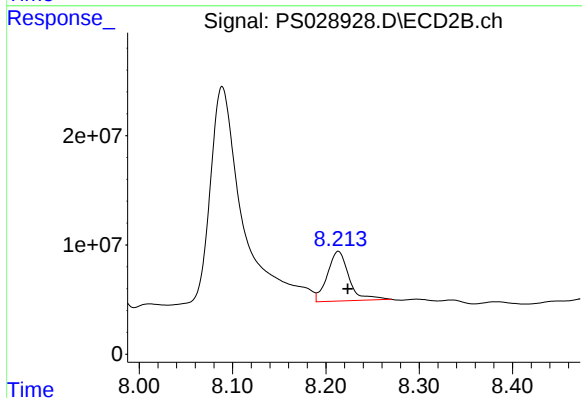
#7 MCPA

R.T.: 7.707 min
Delta R.T.: -0.010 min
Response: 138015619
Conc: 14.01 ug/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

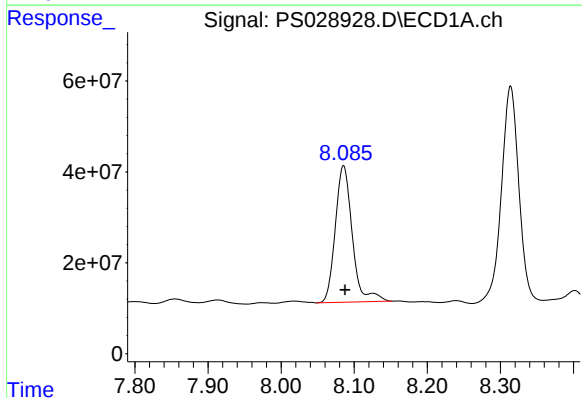
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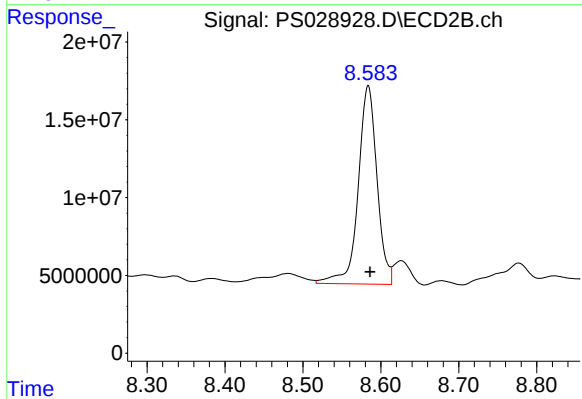
#7 MCPA

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 73241119
Conc: 17.24 ug/ml



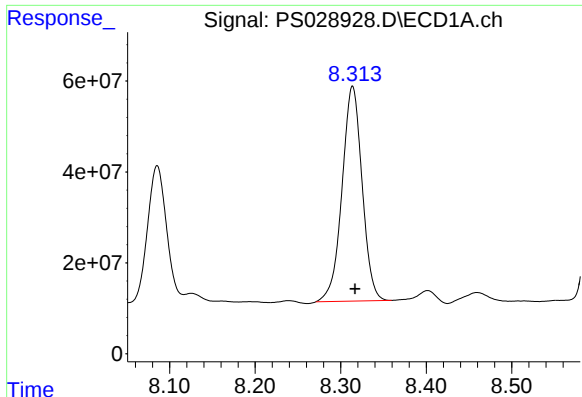
#8 DICHLORPROP

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 480369810
Conc: 151.60 ng/ml



#8 DICHLORPROP

R.T.: 8.584 min
Delta R.T.: -0.003 min
Response: 214470326
Conc: 152.58 ng/ml



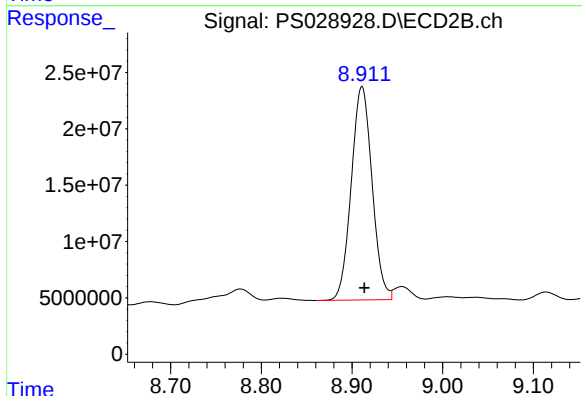
#9 2,4-D

R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 769742884
Conc: 227.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

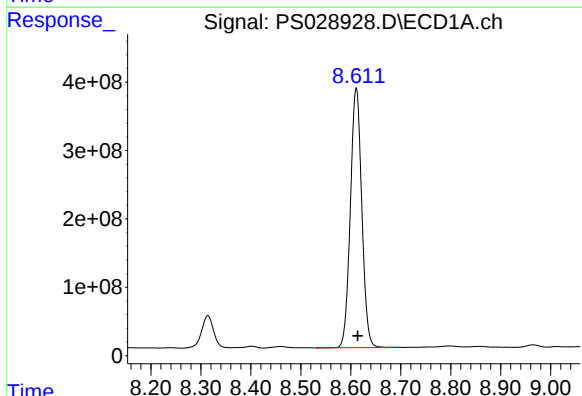
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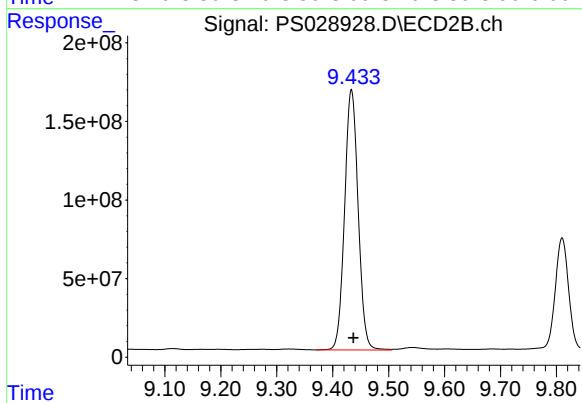
#9 2,4-D

R.T.: 8.911 min
Delta R.T.: -0.003 min
Response: 301894589
Conc: 201.33 ng/ml



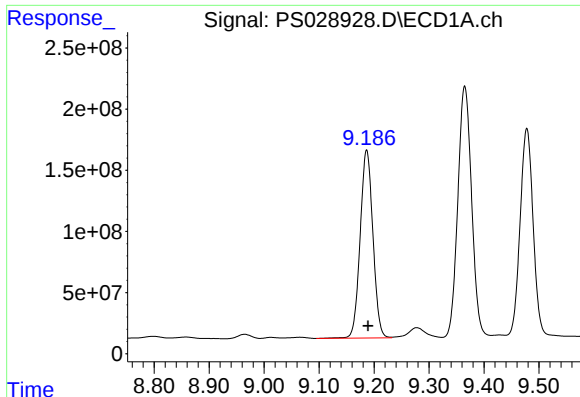
#10 Pentachlorophenol

R.T.: 8.611 min
Delta R.T.: -0.003 min
Response: 6024221170
Conc: 124.89 ng/ml



#10 Pentachlorophenol

R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 2786183769
Conc: 120.27 ng/ml



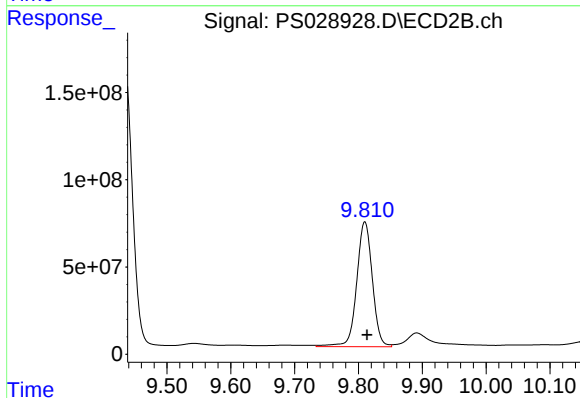
#11 2,4,5-TP (SILVEX)

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 2474195417
Conc: 129.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

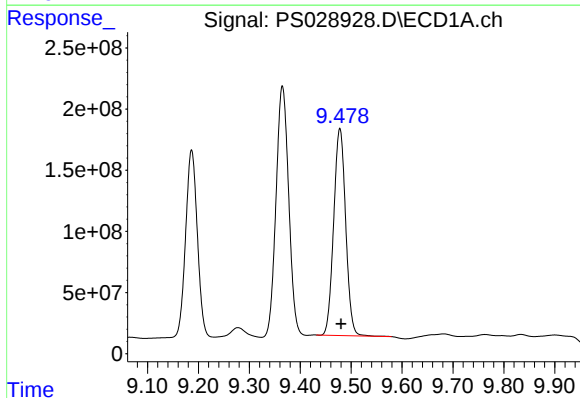
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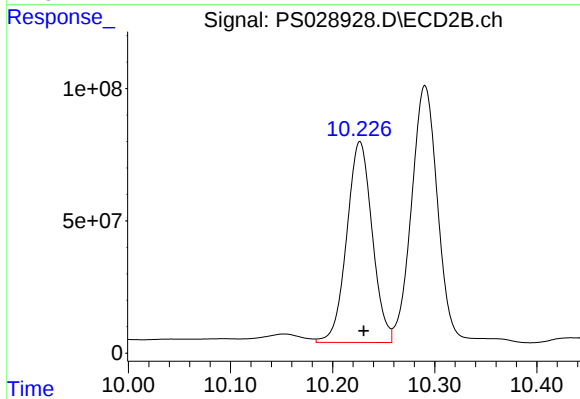
#11 2,4,5-TP (SILVEX)

R.T.: 9.810 min
Delta R.T.: -0.003 min
Response: 1215782759
Conc: 129.07 ng/ml



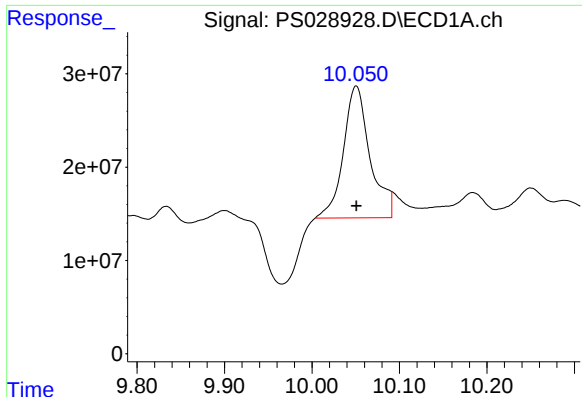
#12 2,4,5-T

R.T.: 9.478 min
Delta R.T.: -0.002 min
Response: 2767611540
Conc: 144.17 ng/ml



#12 2,4,5-T

R.T.: 10.227 min
Delta R.T.: -0.004 min
Response: 1314431043
Conc: 145.90 ng/ml



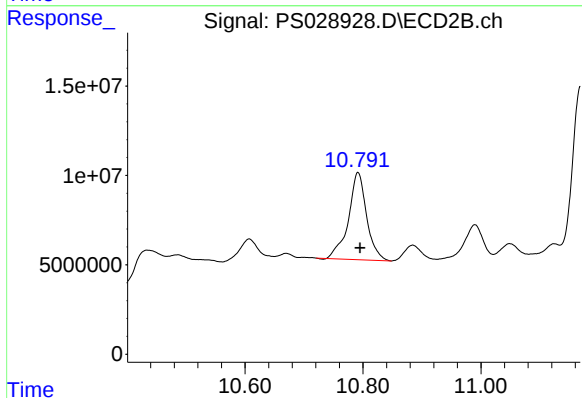
#13 2,4-DB

R.T.: 10.050 min
Delta R.T.: 0.000 min
Response: 300367342
Conc: 84.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-214MSD

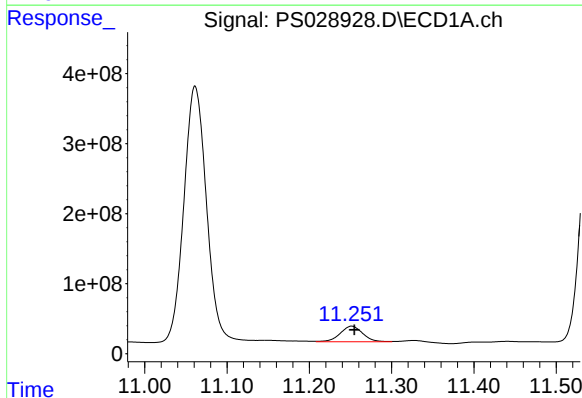
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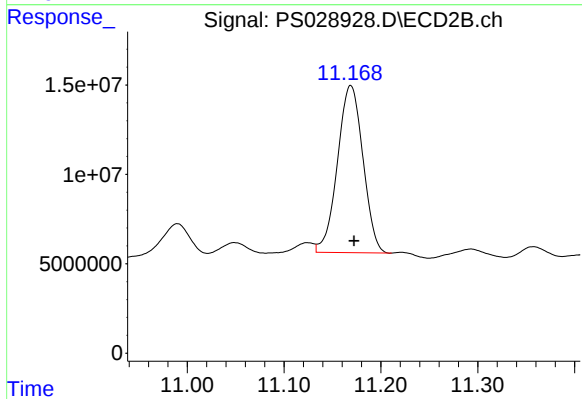
#13 2,4-DB

R.T.: 10.792 min
Delta R.T.: -0.003 min
Response: 104461411
Conc: 104.91 ng/ml



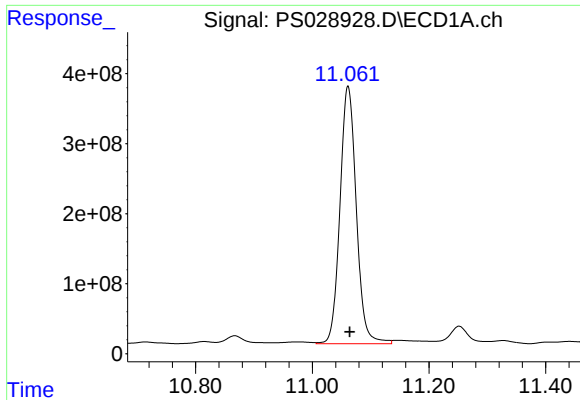
#14 DINOSEB

R.T.: 11.251 min
Delta R.T.: -0.004 min
Response: 419748595
Conc: 25.37 ng/ml m



#14 DINOSEB

R.T.: 11.169 min
Delta R.T.: -0.004 min
Response: 170862616
Conc: 26.63 ng/ml



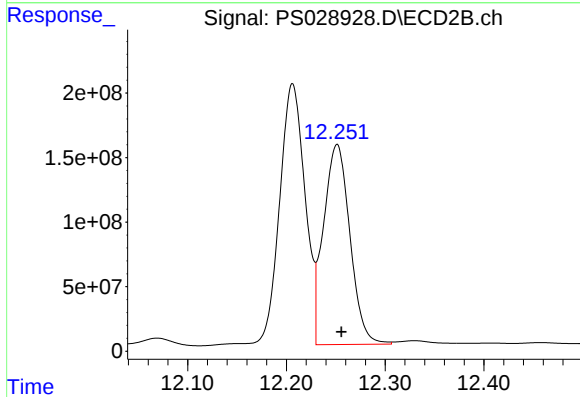
#15 Picloram

R.T.: 11.061 min
Delta R.T.: -0.003 min
Response: 7147770976
Conc: 226.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
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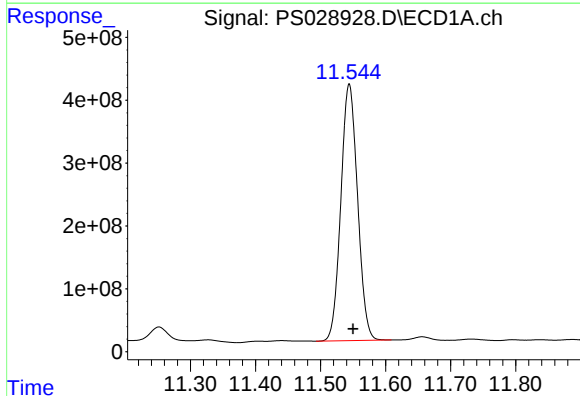
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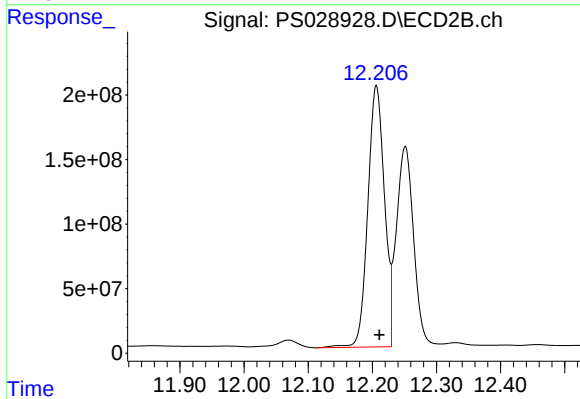
#15 Picloram

R.T.: 12.251 min
Delta R.T.: -0.004 min
Response: 2881305423
Conc: 214.71 ng/ml



#16 DCPA

R.T.: 11.544 min
Delta R.T.: -0.006 min
Response: 7283867911
Conc: 253.96 ng/ml



#16 DCPA

R.T.: 12.206 min
Delta R.T.: -0.005 min
Response: 3651274140
Conc: 321.63 ng/ml