

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040425\
 Data File : PS029713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 13:37
 Operator : AR\AJ
 Sample : Q1681-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-12MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:48:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.953	7.471	1317.6E6	407.7E6	646.239m	598.297
Target Compounds							
1) T	Dalapon	2.458	2.530	1561.2E6	850.4E6	460.193	535.668
2) T	3,5-DICHL...	6.158	6.466	1119.2E6	322.0E6	372.097	333.510m
3) T	4-Nitroph...	6.746	7.004	648.7E6	329.2E6	461.786	464.387m
5) T	DICAMBA	7.132	7.657	3387.6E6	1474.4E6	407.068m	399.189
6) T	MCPD	7.308	7.761	113.7E6	33197554	20.976	19.661
7) T	MCPA	7.451	7.992	297.0E6	80431313	40.862m	35.350
8) T	DICHLORPROP	7.813	8.351	650.3E6	327.1E6	295.677	338.536
9) T	2,4-D	8.033	8.664	1162.1E6	463.6E6	482.286	429.834
10) T	Pentachlo...	8.312	9.166	3990.5E6	2358.7E6	131.244	131.565
11) T	2,4,5-TP ...	8.878	9.543	2450.0E6	1528.0E6	210.929	211.841m
12) T	2,4,5-T	9.160	9.948	3499.3E6	2039.0E6	304.173	304.205
13) T	2,4-DB	9.721	10.504	389.8E6	140.9E6	214.536m	189.929m
14) T	DINOSEB	10.882	10.875	147.4E6	134.8E6	17.465m	26.372m#
15) T	Picloram	10.702	11.913	6217.7E6	3695.2E6	401.129	312.504m
16) T	DCPA	11.184	11.901	6828.8E6	4200.6E6	488.956	474.604m

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

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ALS Vial : 10 Sample Multiplier: 1

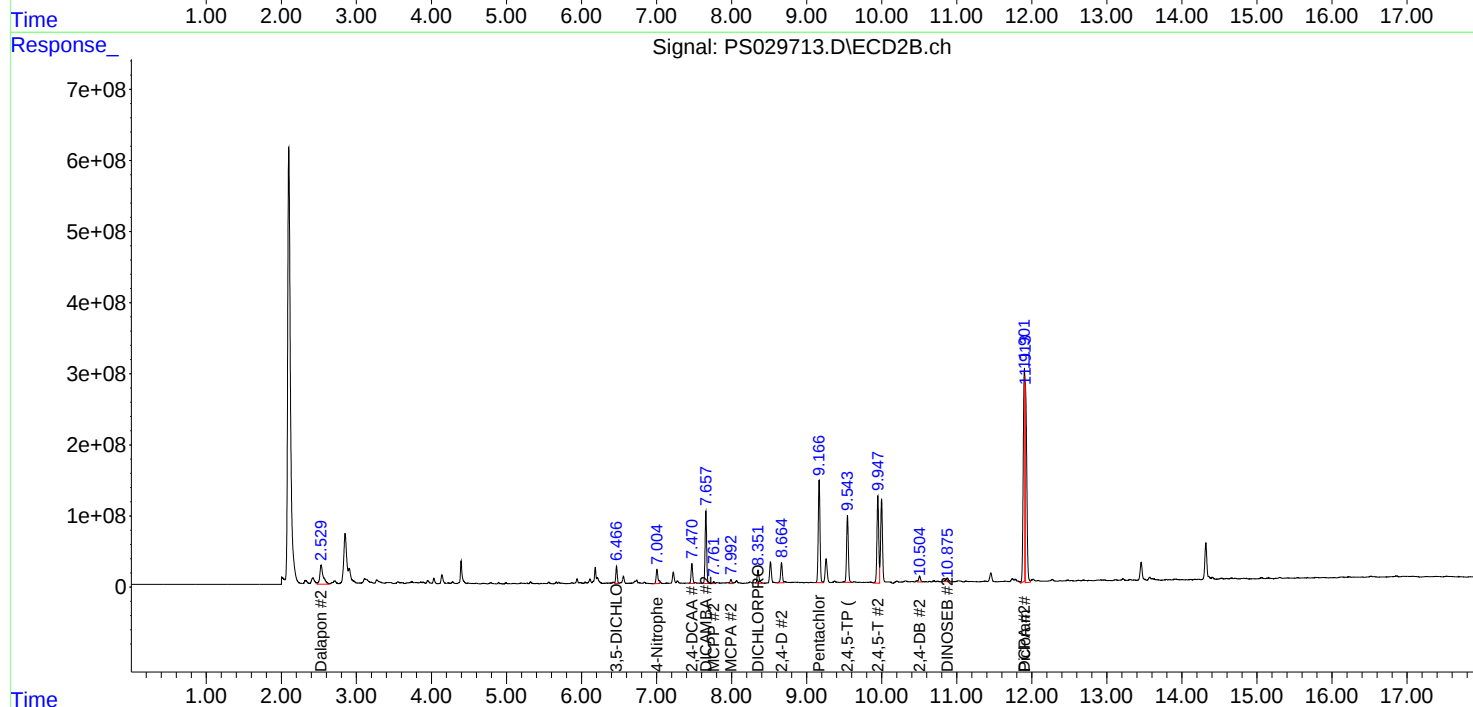
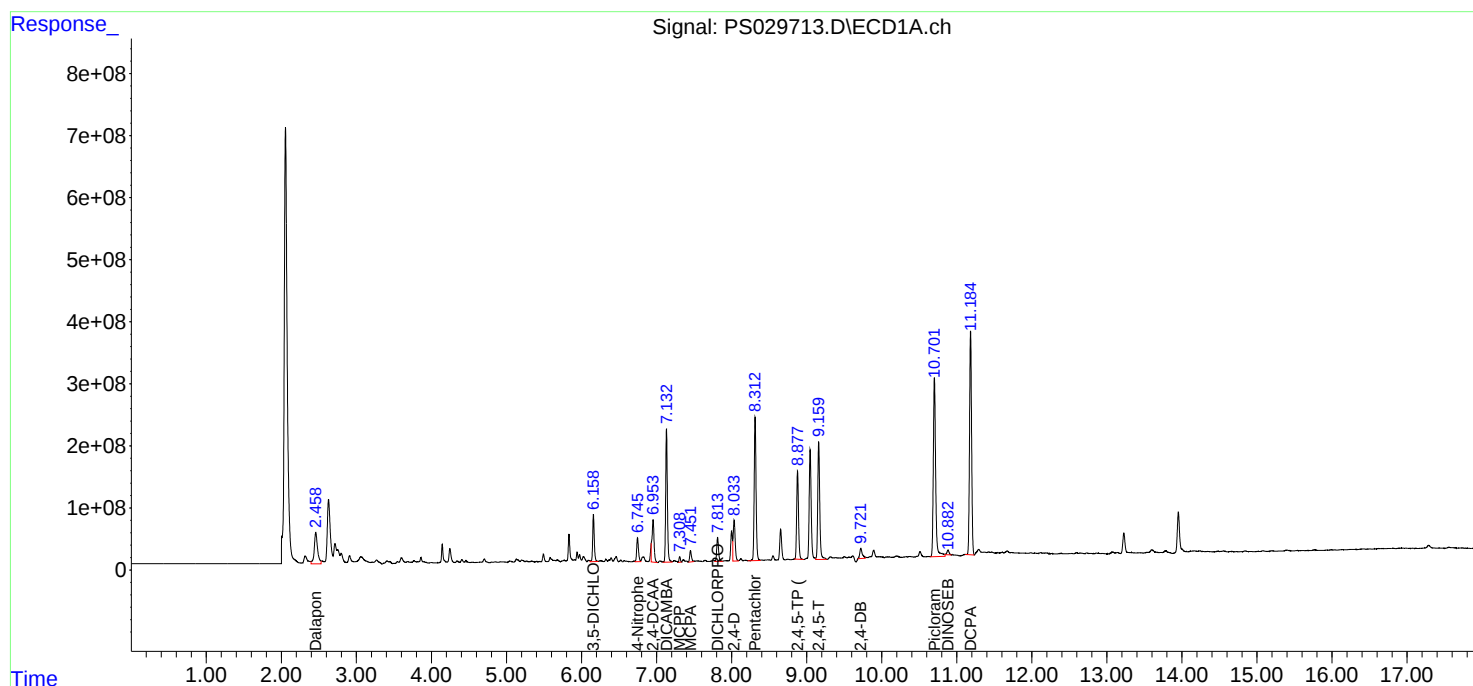
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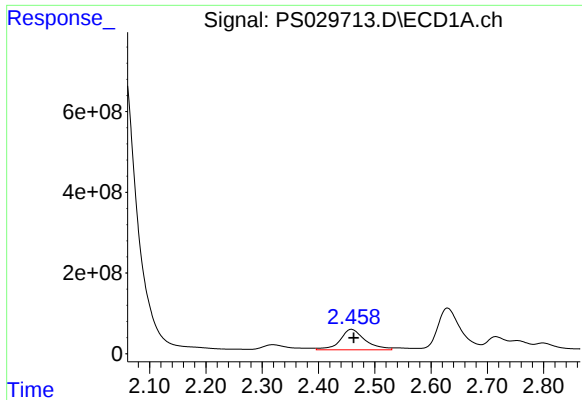
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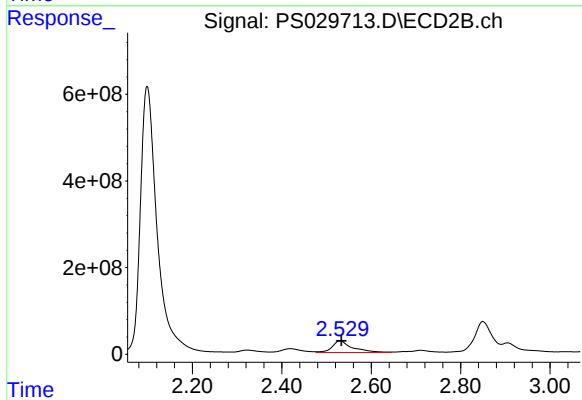
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: -0.005 min
Response: 1561156053
Conc: 460.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

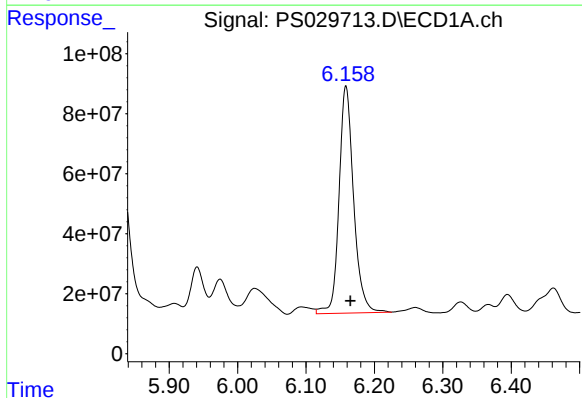
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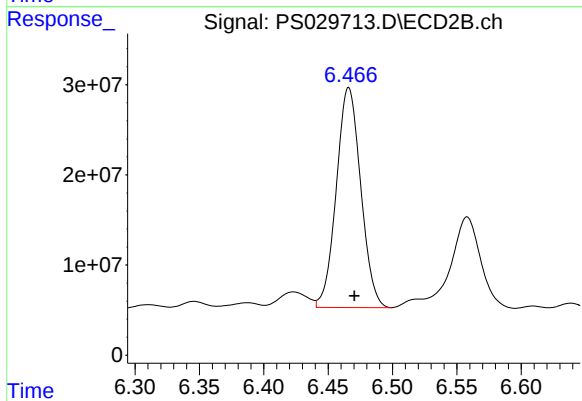
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 850423757
Conc: 535.67 ng/ml



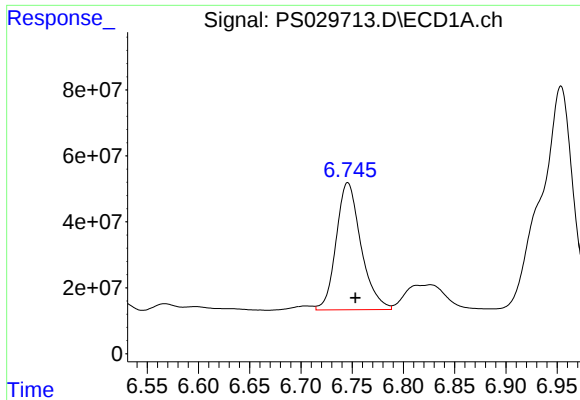
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 1119176831
Conc: 372.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 322023093
Conc: 333.51 ng/ml m



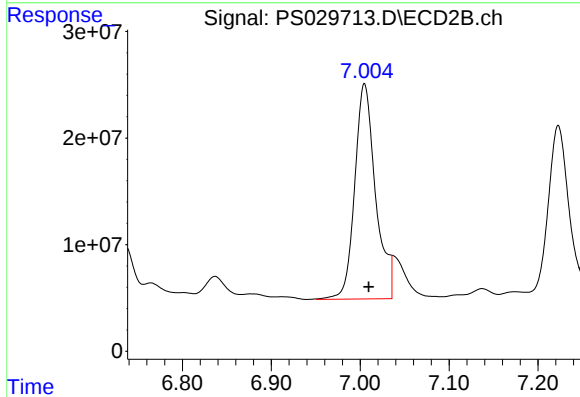
#3 4-Nitrophenol

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 648717060
Conc: 461.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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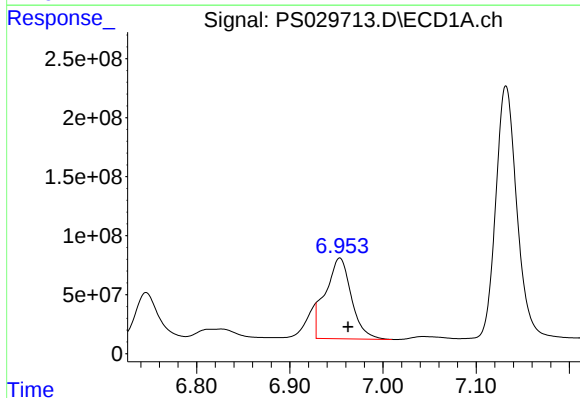
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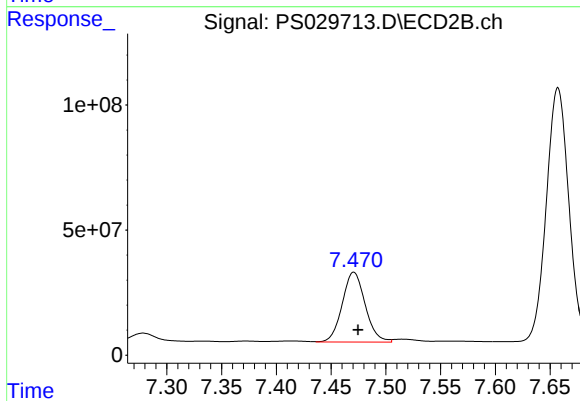
#3 4-Nitrophenol

R.T.: 7.004 min
Delta R.T.: -0.005 min
Response: 329249567
Conc: 464.39 ng/ml m



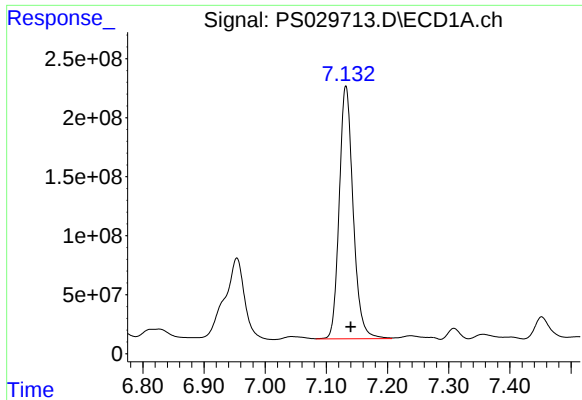
#4 2,4-DCAA

R.T.: 6.953 min
Delta R.T.: -0.009 min
Response: 1317572724
Conc: 646.24 ng/ml m



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 407747457
Conc: 598.30 ng/ml



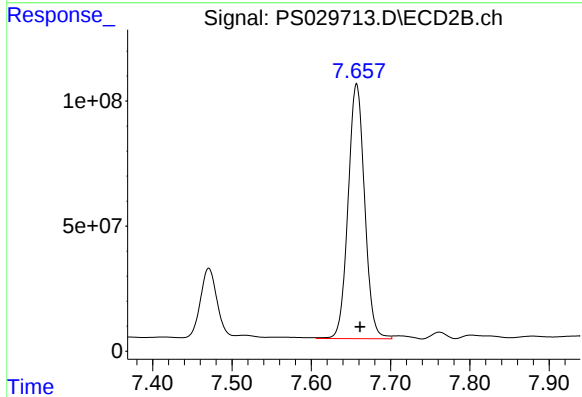
#5 DICAMBA

R.T.: 7.132 min
Delta R.T.: -0.008 min
Response: 3387595053
Conc: 407.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

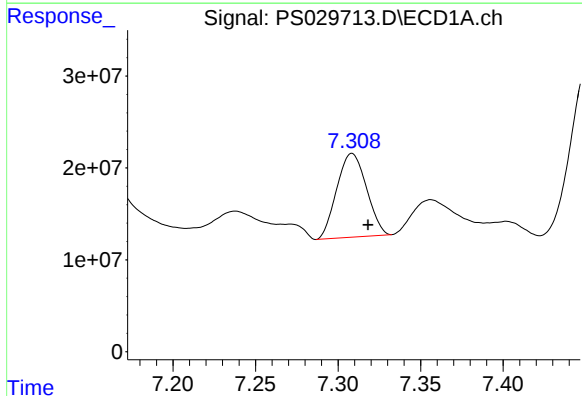
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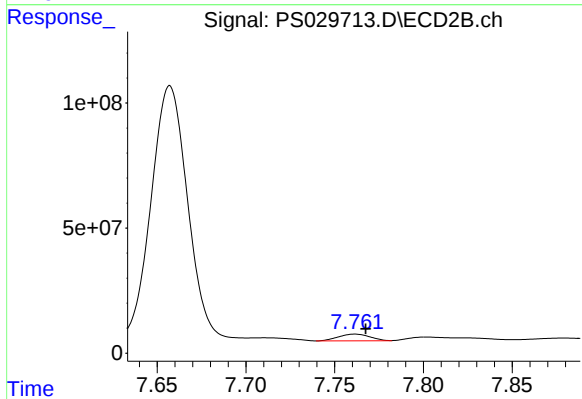
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 1474352234
Conc: 399.19 ng/ml



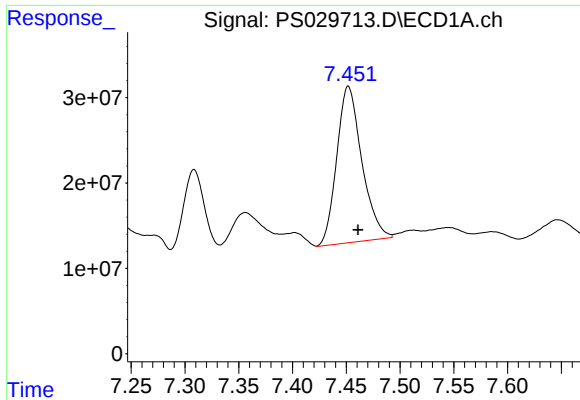
#6 MCPP

R.T.: 7.308 min
Delta R.T.: -0.010 min
Response: 113686381
Conc: 20.98 ug/ml



#6 MCPP

R.T.: 7.761 min
Delta R.T.: -0.006 min
Response: 33197554
Conc: 19.66 ug/ml



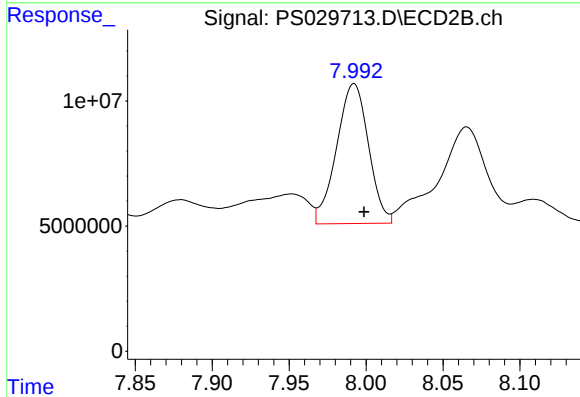
#7 MCPA

R.T.: 7.451 min
Delta R.T.: -0.010 min
Response: 297029197
Conc: 40.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

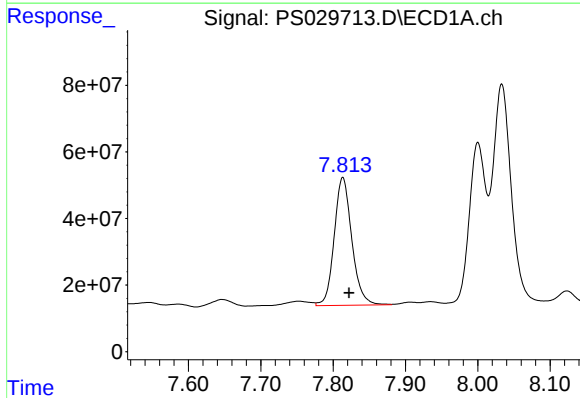
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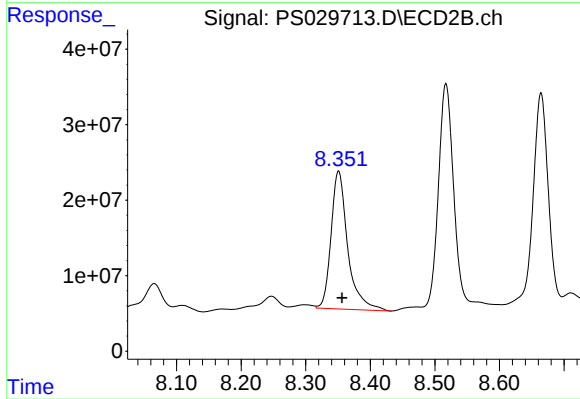
#7 MCPA

R.T.: 7.992 min
Delta R.T.: -0.007 min
Response: 80431313
Conc: 35.35 ug/ml



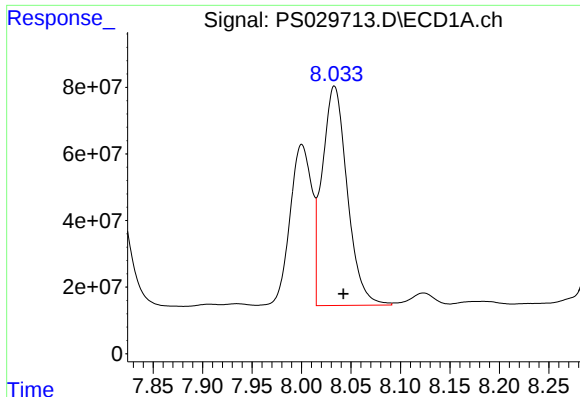
#8 DICHLORPROP

R.T.: 7.813 min
Delta R.T.: -0.008 min
Response: 650322225
Conc: 295.68 ng/ml



#8 DICHLORPROP

R.T.: 8.351 min
Delta R.T.: -0.005 min
Response: 327077693
Conc: 338.54 ng/ml



#9 2,4-D

R.T.: 8.033 min
Delta R.T.: -0.009 min
Response: 1162112803
Conc: 482.29 ng/ml

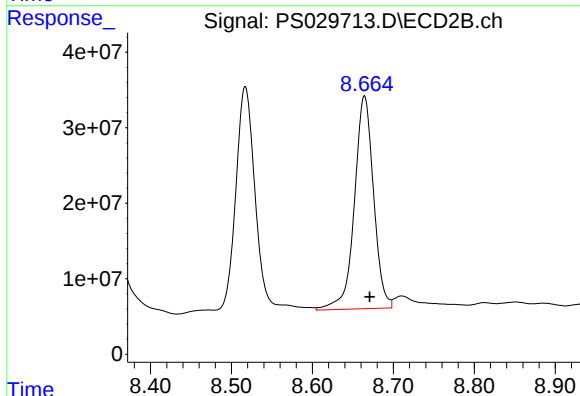
Instrument :

ECD_S

ClientSampleId :
TP-12MS

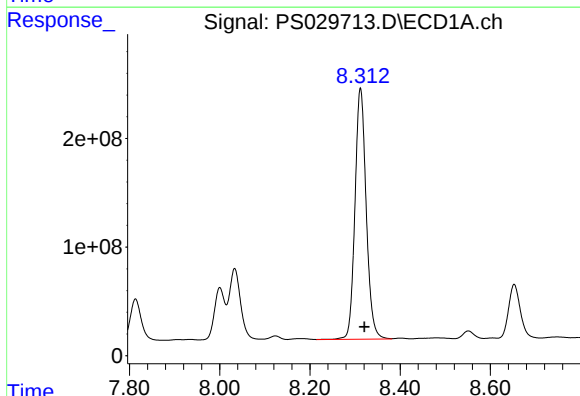
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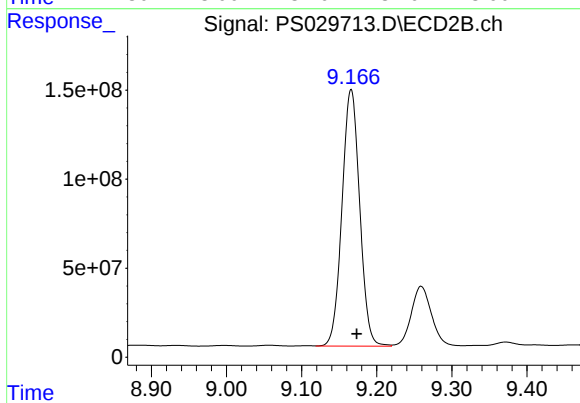
#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 463560583
Conc: 429.83 ng/ml



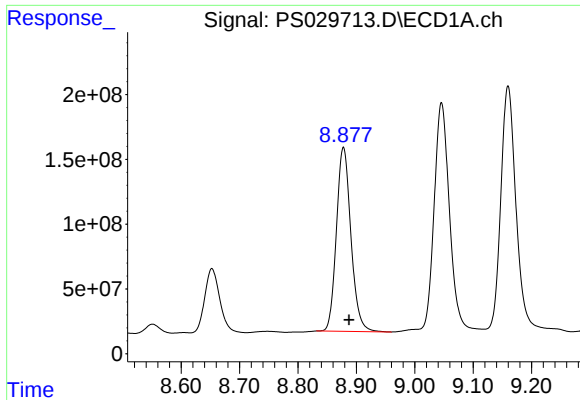
#10 Pentachlorophenol

R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 3990478927
Conc: 131.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.166 min
Delta R.T.: -0.007 min
Response: 2358662321
Conc: 131.57 ng/ml



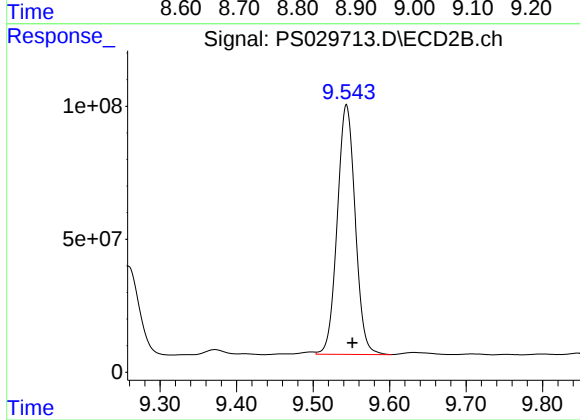
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 2450018844
Conc: 210.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

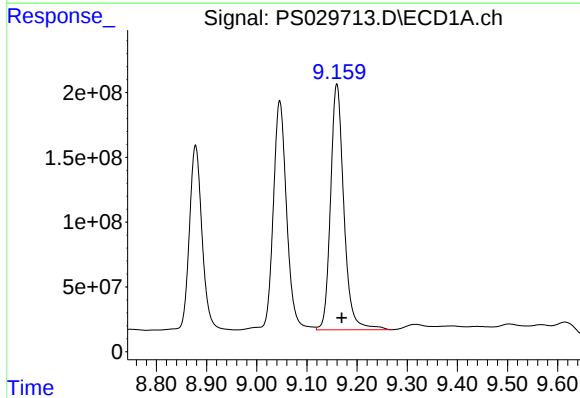
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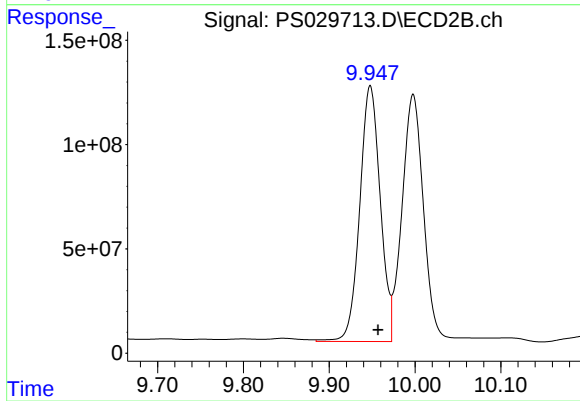
#11 2,4,5-TP (SILVEX)

R.T.: 9.543 min
Delta R.T.: -0.008 min
Response: 1528000235
Conc: 211.84 ng/ml m



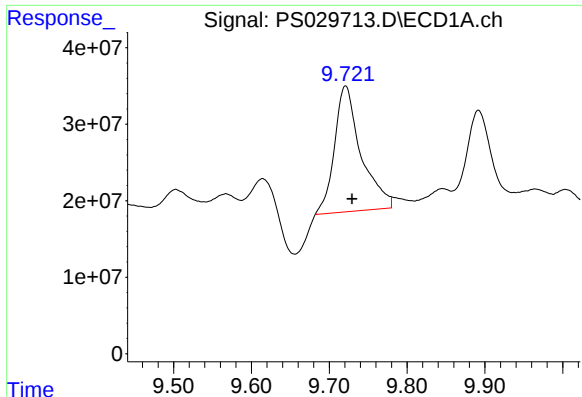
#12 2,4,5-T

R.T.: 9.160 min
Delta R.T.: -0.010 min
Response: 3499339554
Conc: 304.17 ng/ml



#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: -0.009 min
Response: 2039036263
Conc: 304.20 ng/ml



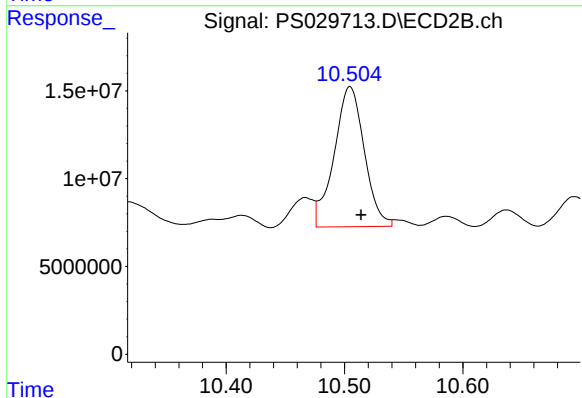
#13 2,4-DB

R.T.: 9.721 min
Delta R.T.: -0.009 min
Response: 389757318
Conc: 214.54 ng/ml

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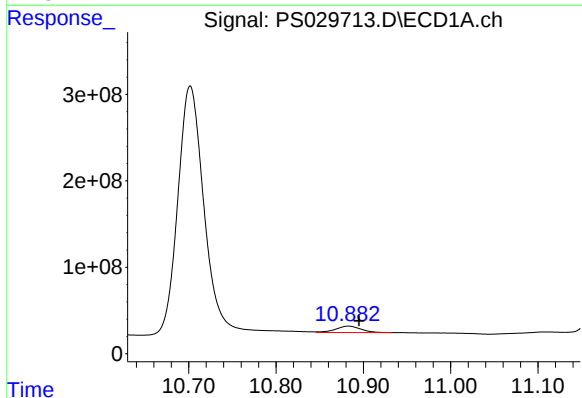
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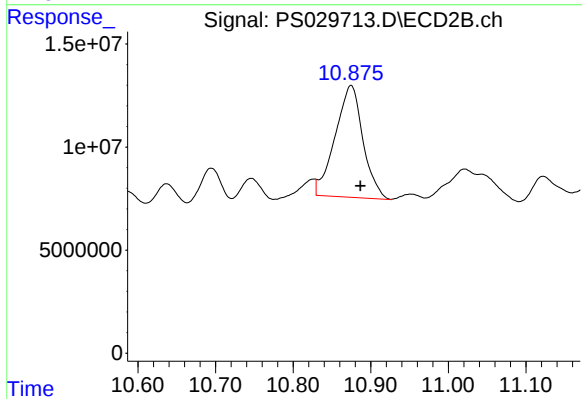
#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 140922722
Conc: 189.93 ng/ml m



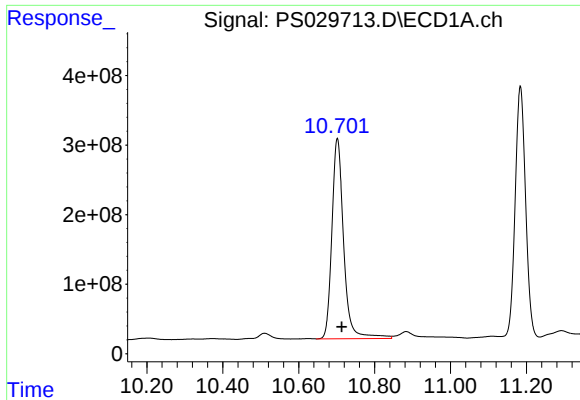
#14 DINOSEB

R.T.: 10.882 min
Delta R.T.: -0.013 min
Response: 147436927
Conc: 17.46 ng/ml m



#14 DINOSEB

R.T.: 10.875 min
Delta R.T.: -0.012 min
Response: 134834781
Conc: 26.37 ng/ml m



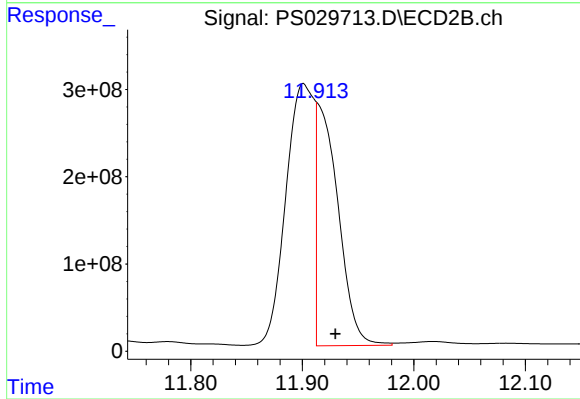
#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.011 min
Response: 6217666525
Conc: 401.13 ng/ml

Instrument :
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TP-12MS

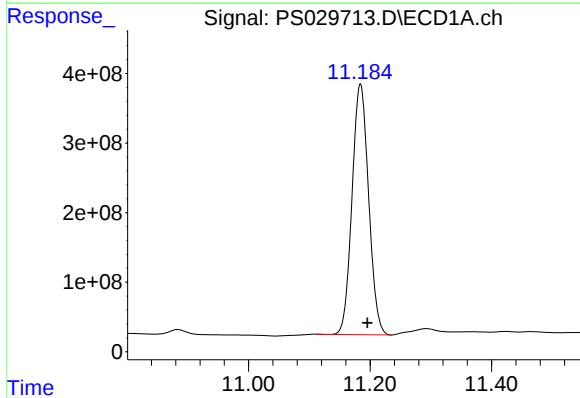
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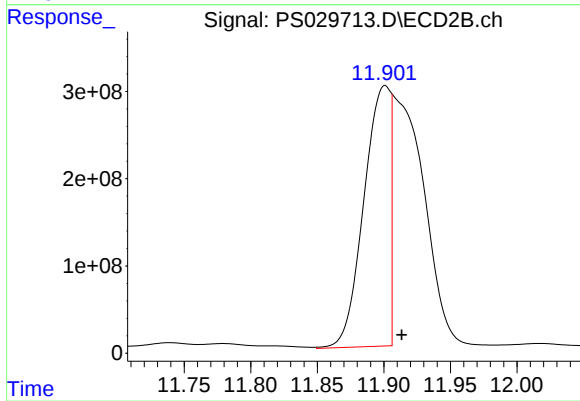
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.017 min
Response: 3695178421
Conc: 312.50 ng/ml m



#16 DCPA

R.T.: 11.184 min
Delta R.T.: -0.011 min
Response: 6828811840
Conc: 488.96 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.013 min
Response: 4200557260
Conc: 474.60 ng/ml m