

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
 Data File : PS031565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 15:29
 Operator : AR\AJ
 Sample : Q2954-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 BRIDGE-SOUTHMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/02/2025
 Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 06:14:02 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	7.286	7.742	2043.3E6	537.3E6	643.759	635.625
Target Compounds							
1) T	Dalapon	2.672	2.691	675.6E6	1446.0E6	128.711m	543.404 #
2) T	3,5-DICHL...	6.453	6.695	2396.5E6	583.3E6	507.912	431.458
3) T	4-Nitroph...	7.096	7.301	161.0E6	205.1E6	156.031	163.143
5) T	DICAMBA	7.471	7.940	6725.1E6	2650.4E6	481.519	466.396
6) T	MCPD	7.648	8.035	339.4E6	73741338	42.183m	41.713m
7) T	MCPA	7.797	8.282	461.8E6	100.8E6	46.359	35.916
8) T	DICHLORPROP	8.179	8.658	1644.1E6	699.2E6	518.248	523.711
9) T	2,4-D	8.415	8.999	1685.1E6	756.2E6	585.757	529.796
10) T	Pentachlo...	8.711	9.510	24618.9E6	16034.8E6	512.762	460.395
11) T	2,4,5-TP ...	9.289	9.893	8140.4E6	6452.5E6	454.167	491.952
12) T	2,4,5-T	9.584	10.323	7043.6E6	5015.7E6	480.749m	423.635
13) T	2,4-DB	10.160	10.891	806.0E6	411.0E6	419.435m	425.926m
14) T	DINOSEB	11.359	11.270	912.7E6	685.4E6	71.986m	72.472
15) T	Picloram	11.187	12.388	6148.2E6	6977.4E6	470.978m	398.032
16) T	DCPA	11.654	12.308	9131.2E6	10422.9E6	400.855m	529.069m#

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

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ALS Vial : 9 Sample Multiplier: 1

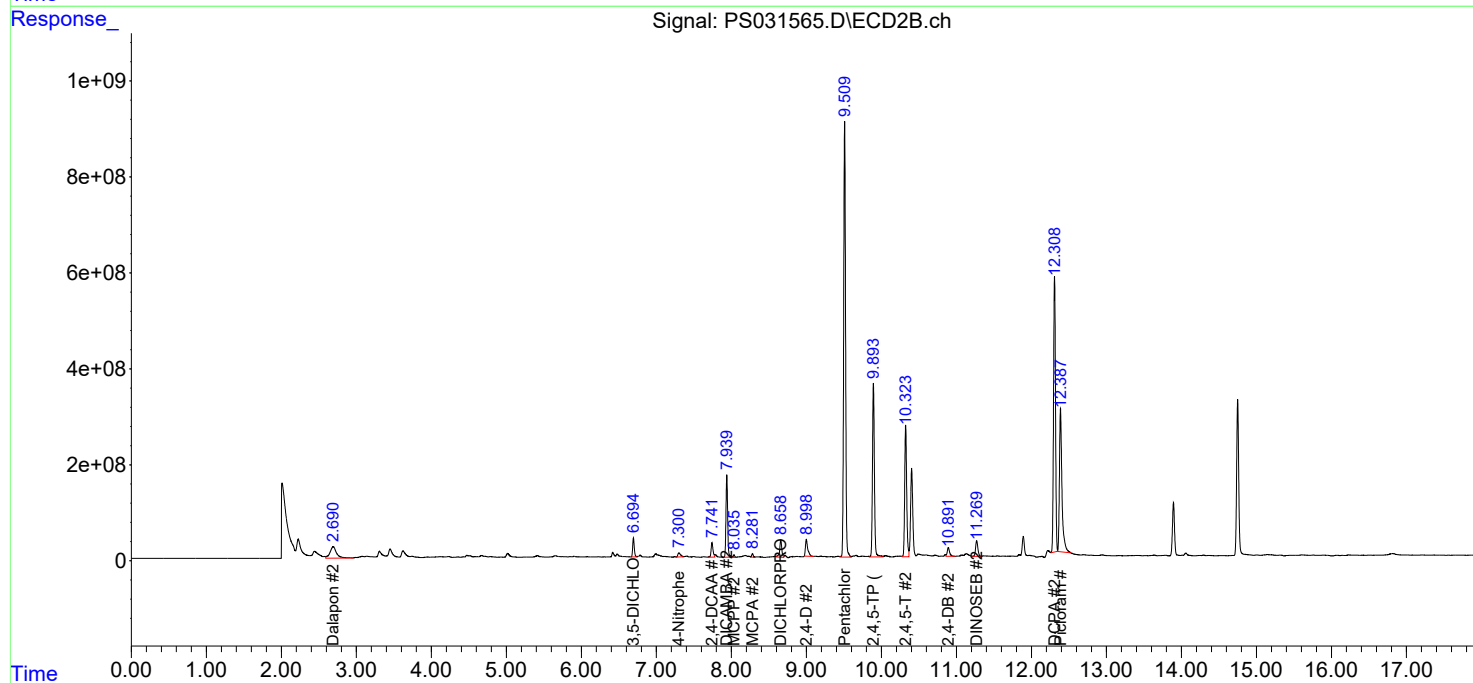
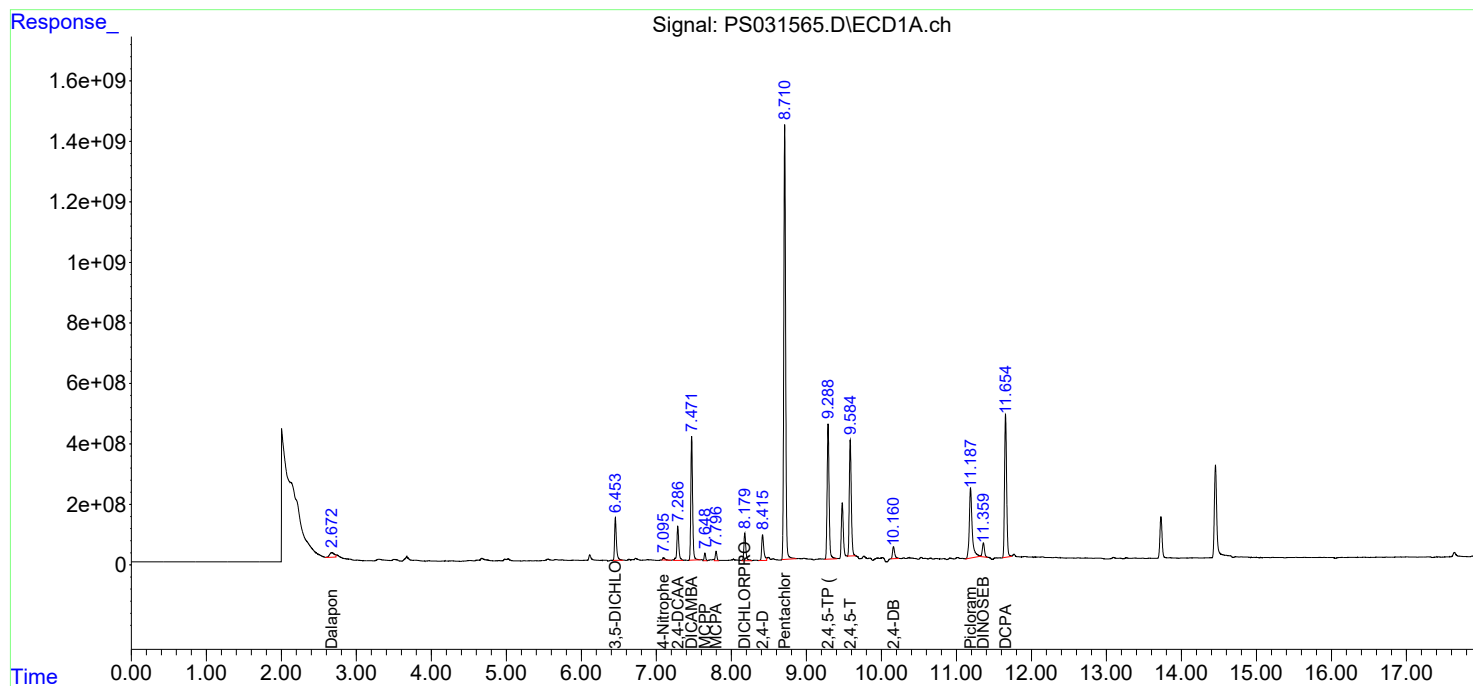
Instrument :
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BRIDGE-SOUTHMSD

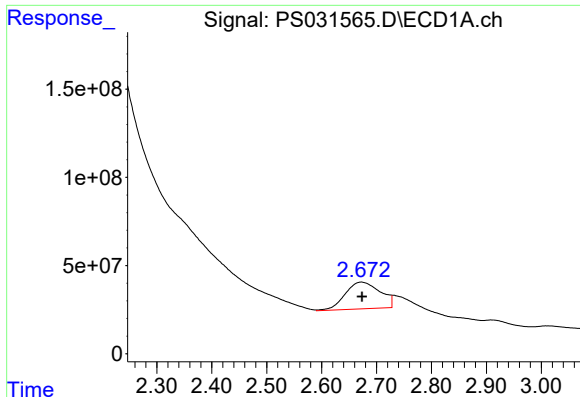
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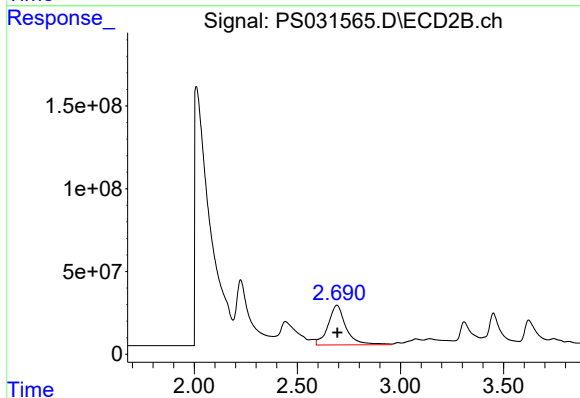
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 675597632
Conc: 128.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

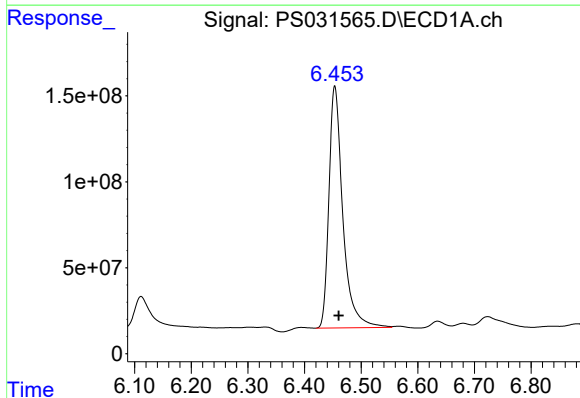
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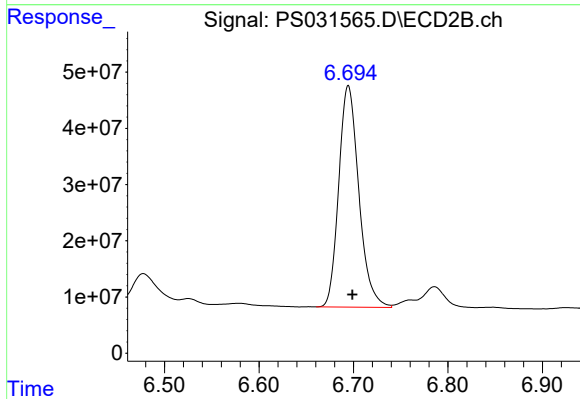
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.004 min
Response: 1446004077
Conc: 543.40 ng/ml



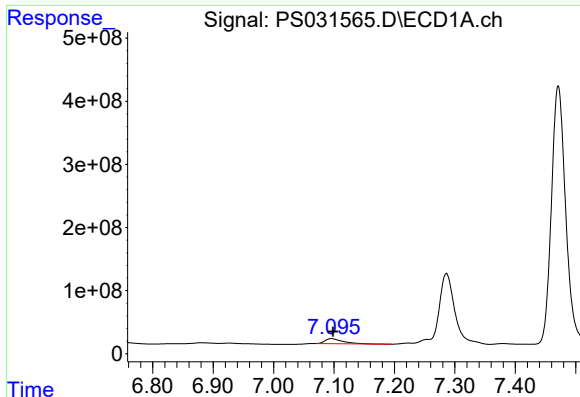
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 2396489112
Conc: 507.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 583300299
Conc: 431.46 ng/ml



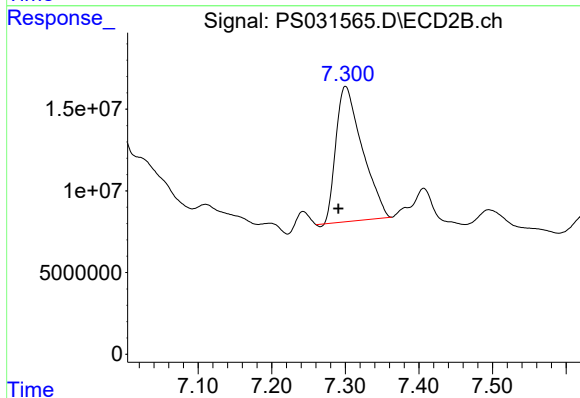
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 160973555
Conc: 156.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

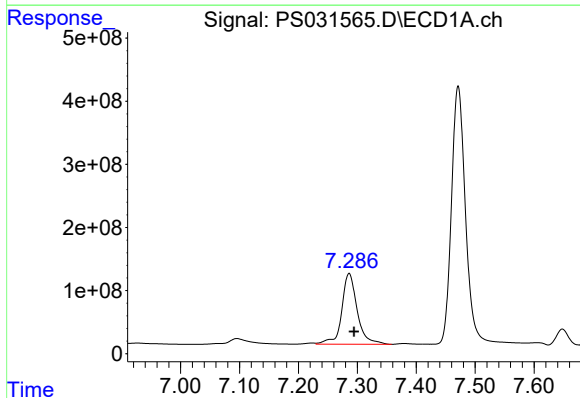
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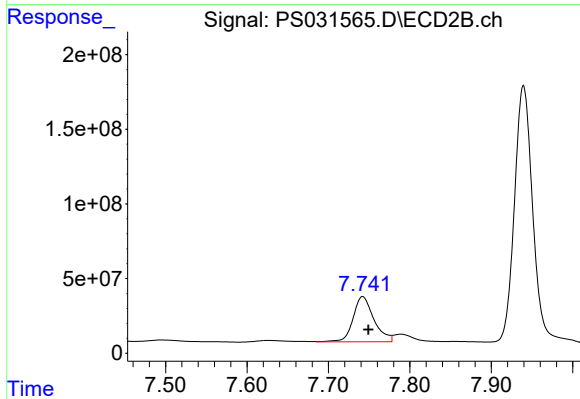
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.010 min
Response: 205052737
Conc: 163.14 ng/ml



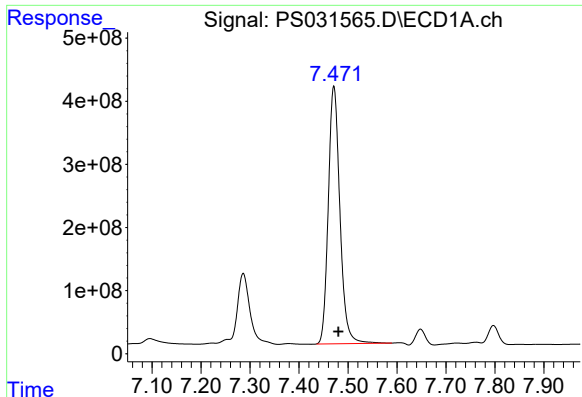
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 2043283612
Conc: 643.76 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 537318973
Conc: 635.62 ng/ml



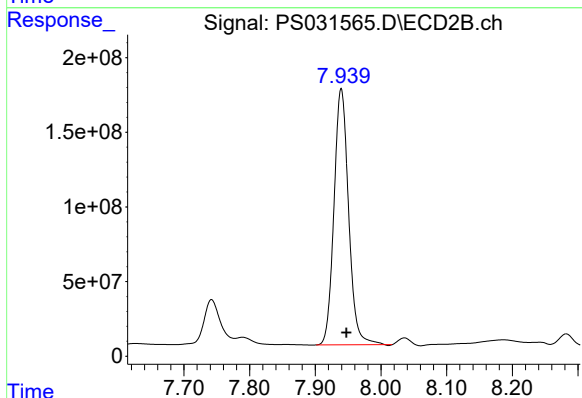
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 6725119906
Conc: 481.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

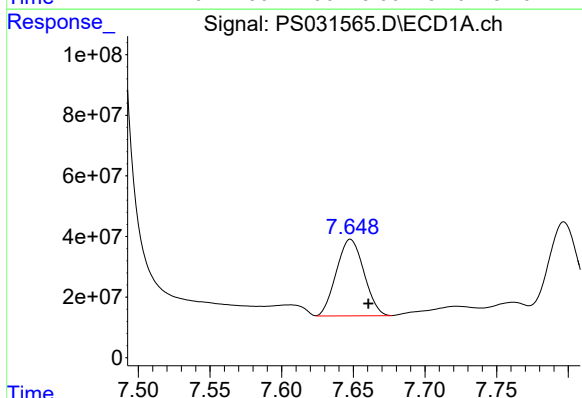
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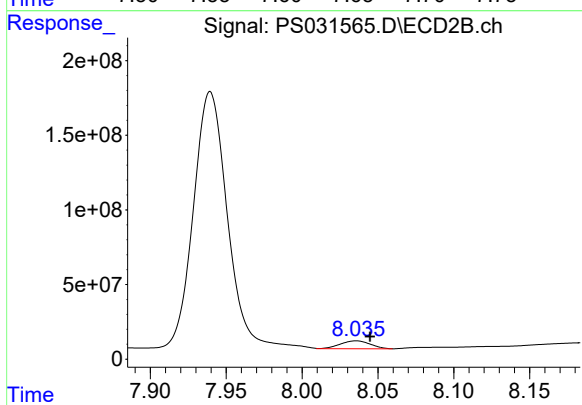
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.008 min
Response: 2650382818
Conc: 466.40 ng/ml



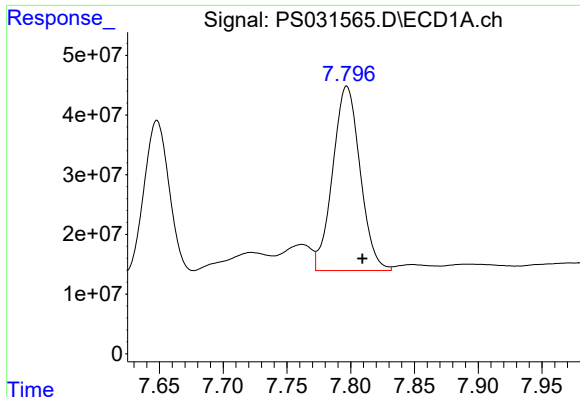
#6 MCPP

R.T.: 7.648 min
Delta R.T.: -0.013 min
Response: 339353660
Conc: 42.18 ug/ml m



#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 73741338
Conc: 41.71 ug/ml m



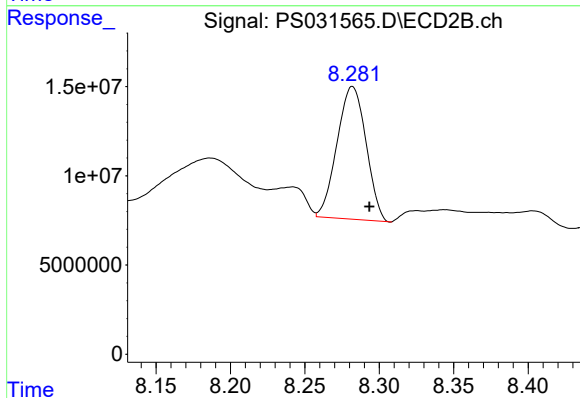
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 461796666
Conc: 46.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

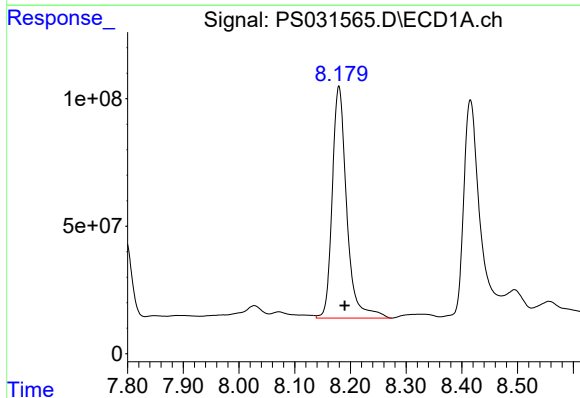
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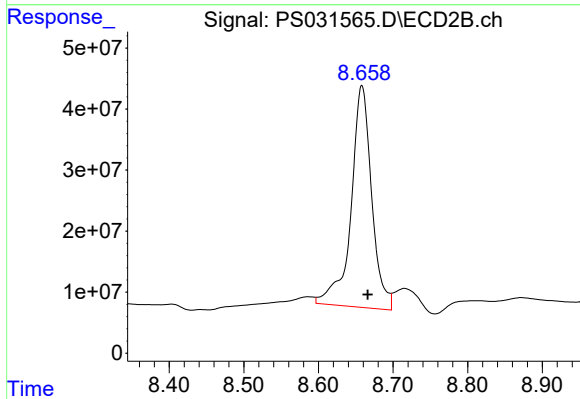
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 100762776
Conc: 35.92 ug/ml



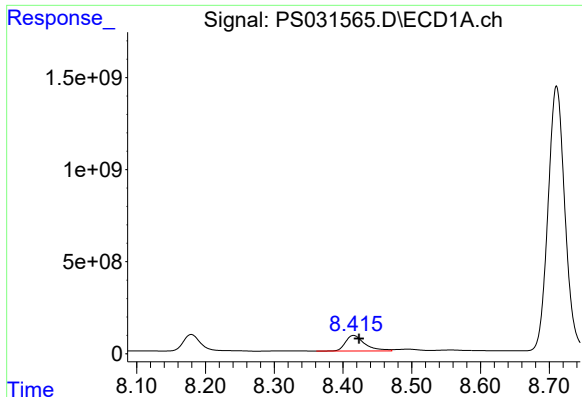
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 1644103959
Conc: 518.25 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 699172093
Conc: 523.71 ng/ml



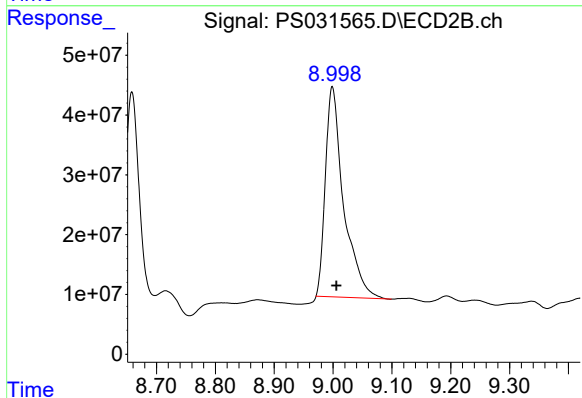
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.008 min
Response: 1685115662
Conc: 585.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

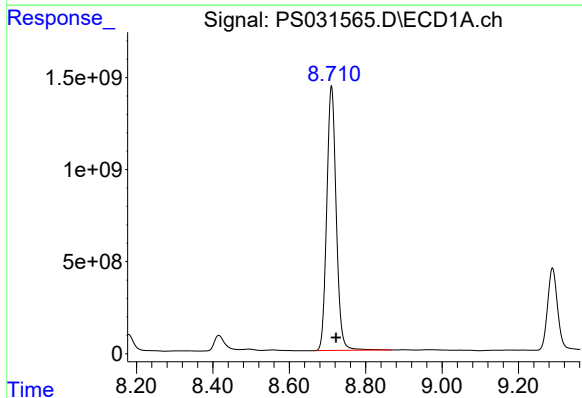
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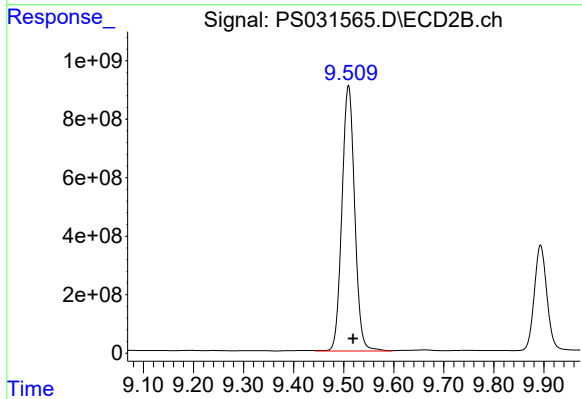
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.007 min
Response: 756171097
Conc: 529.80 ng/ml



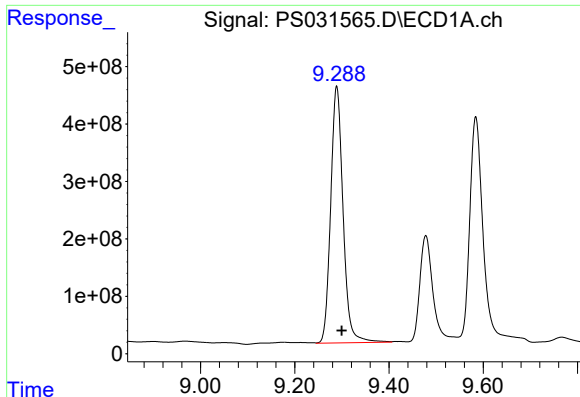
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.012 min
Response: 24618946519
Conc: 512.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.009 min
Response: 16034812744
Conc: 460.39 ng/ml



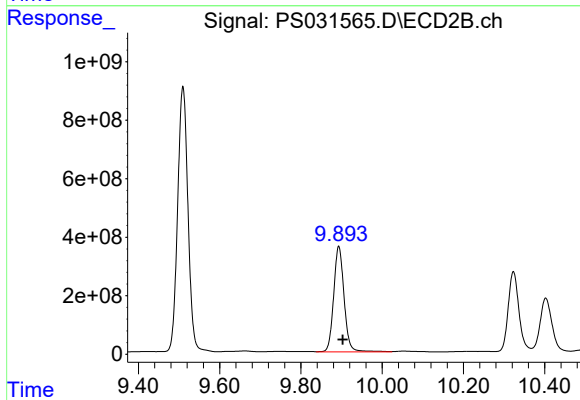
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 8140364825
Conc: 454.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

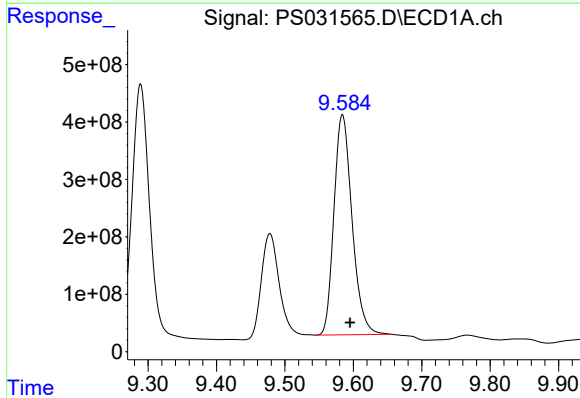
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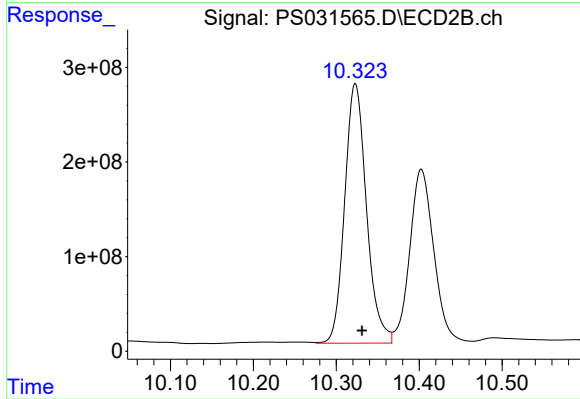
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 6452452036
Conc: 491.95 ng/ml



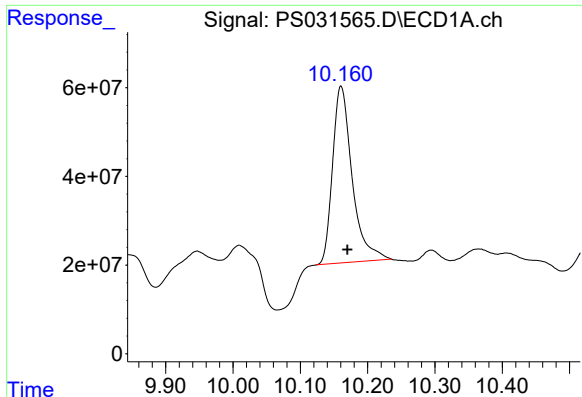
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.012 min
Response: 7043567664
Conc: 480.75 ng/ml m



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 5015736544
Conc: 423.63 ng/ml



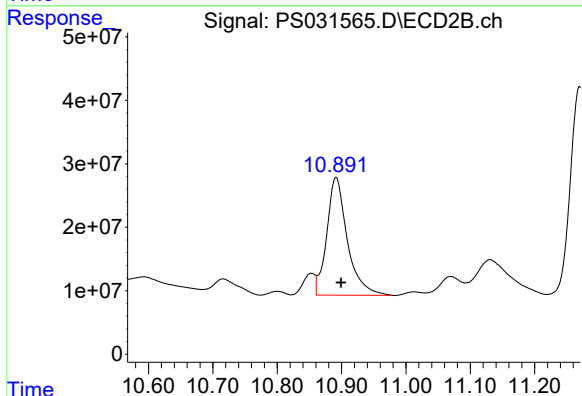
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 806037128
Conc: 419.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
BRIDGE-SOUTHMSD

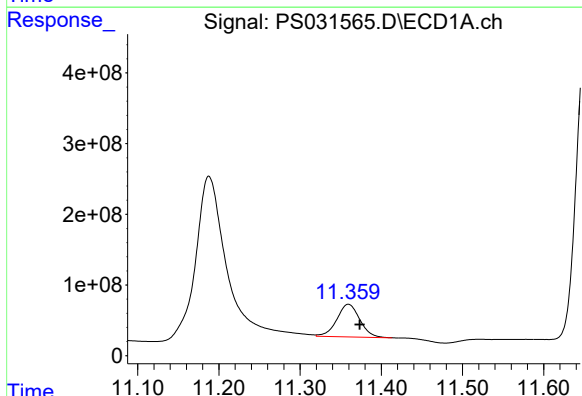
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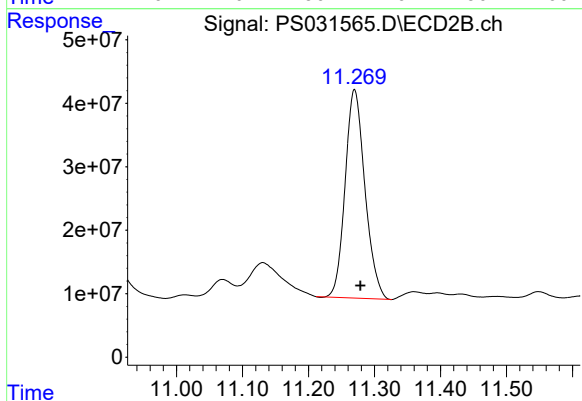
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.008 min
Response: 410953118
Conc: 425.93 ng/ml m



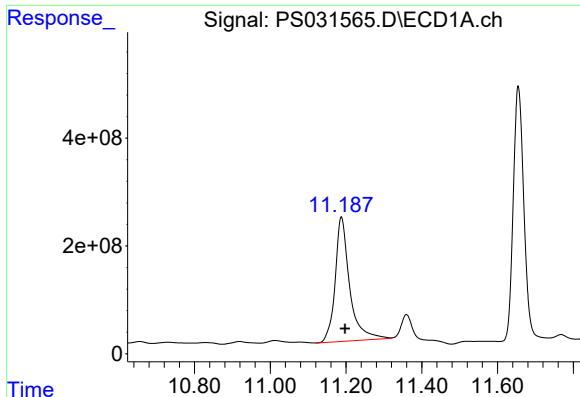
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: -0.014 min
Response: 912676893
Conc: 71.99 ng/ml m



#14 DINOSEB

R.T.: 11.270 min
Delta R.T.: -0.009 min
Response: 685361708
Conc: 72.47 ng/ml



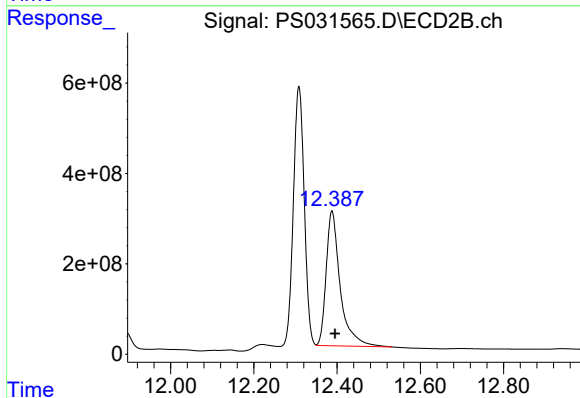
#15 Picloram

R.T.: 11.187 min
Delta R.T.: -0.010 min
Response: 6148215005
Conc: 470.98 ng/ml

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ECD_S
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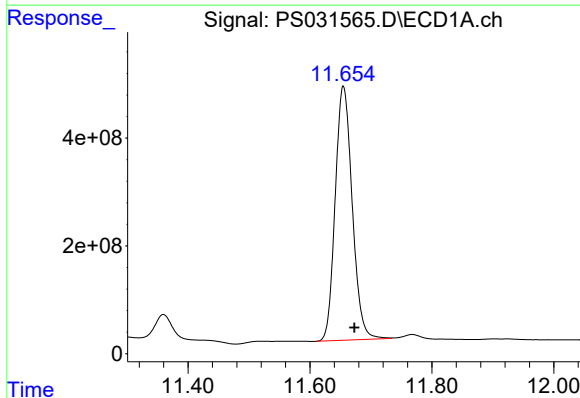
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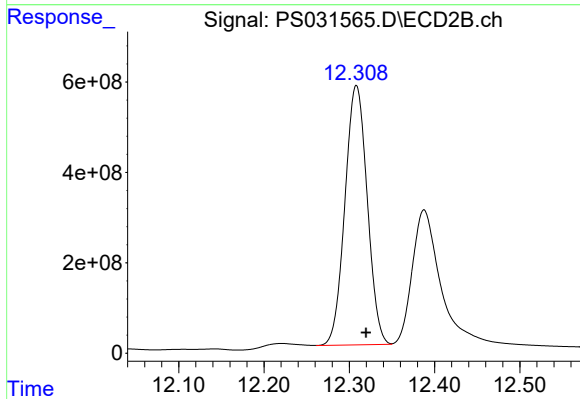
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.008 min
Response: 6977387256
Conc: 398.03 ng/ml



#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 9131195804
Conc: 400.85 ng/ml m



#16 DCPA

R.T.: 12.308 min
Delta R.T.: -0.012 min
Response: 10422869493
Conc: 529.07 ng/ml m