

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081925\
 Data File : PS031503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 20:21
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:24:37 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	7.287	7.742	2403.8E6	600.9E6	757.342	710.848
Target Compounds							
1) T	Dalapon	2.674	2.694	3258.2E6	1619.7E6	620.728	608.669
2) T	3,5-DICHL...	6.454	6.694	3331.3E6	911.5E6	706.037	674.243
3) T	4-Nitroph...	7.091	7.286	785.9E6	885.6E6	761.786m	704.570m
5) T	DICAMBA	7.473	7.940	9922.7E6	3864.2E6	710.464	680.000
6) T	MCPD	7.652	8.037	557.4E6	107.7E6	69.283	60.895
7) T	MCPA	7.801	8.286	712.5E6	179.8E6	71.526	64.084
8) T	DICHLORPROP	8.180	8.659	2242.6E6	894.7E6	706.908	670.207
9) T	2,4-D	8.414	8.998	2181.4E6	895.3E6	758.257	627.279
10) T	Pentachlo...	8.712	9.511	36603.5E6	24952.0E6	762.376	716.426
11) T	2,4,5-TP ...	9.290	9.895	13462.1E6	9140.7E6	751.075	696.913
12) T	2,4,5-T	9.585	10.323	11411.9E6	8347.4E6	778.902	705.031
13) T	2,4-DB	10.160	10.890	1640.0E6	637.1E6	853.388	660.278
14) T	DINOSEB	11.362	11.269	9498.8E6	6527.7E6	749.206	690.254
15) T	Picloram	11.184	12.386	10926.6E6	13017.3E6	837.021m	742.584
16) T	DCPA	11.661	12.310	17473.3E6	14555.1E6	767.069	738.824m

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

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Acq On : 19 Aug 2025 20:21
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

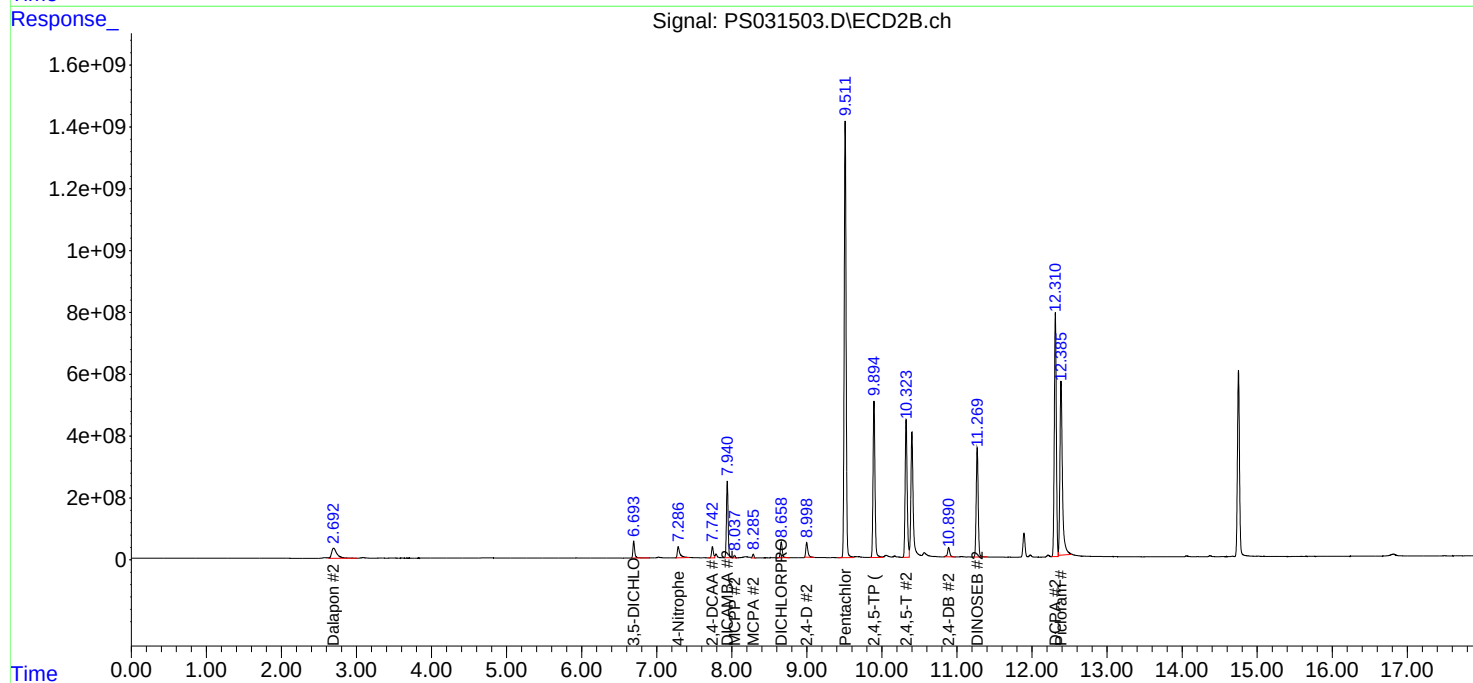
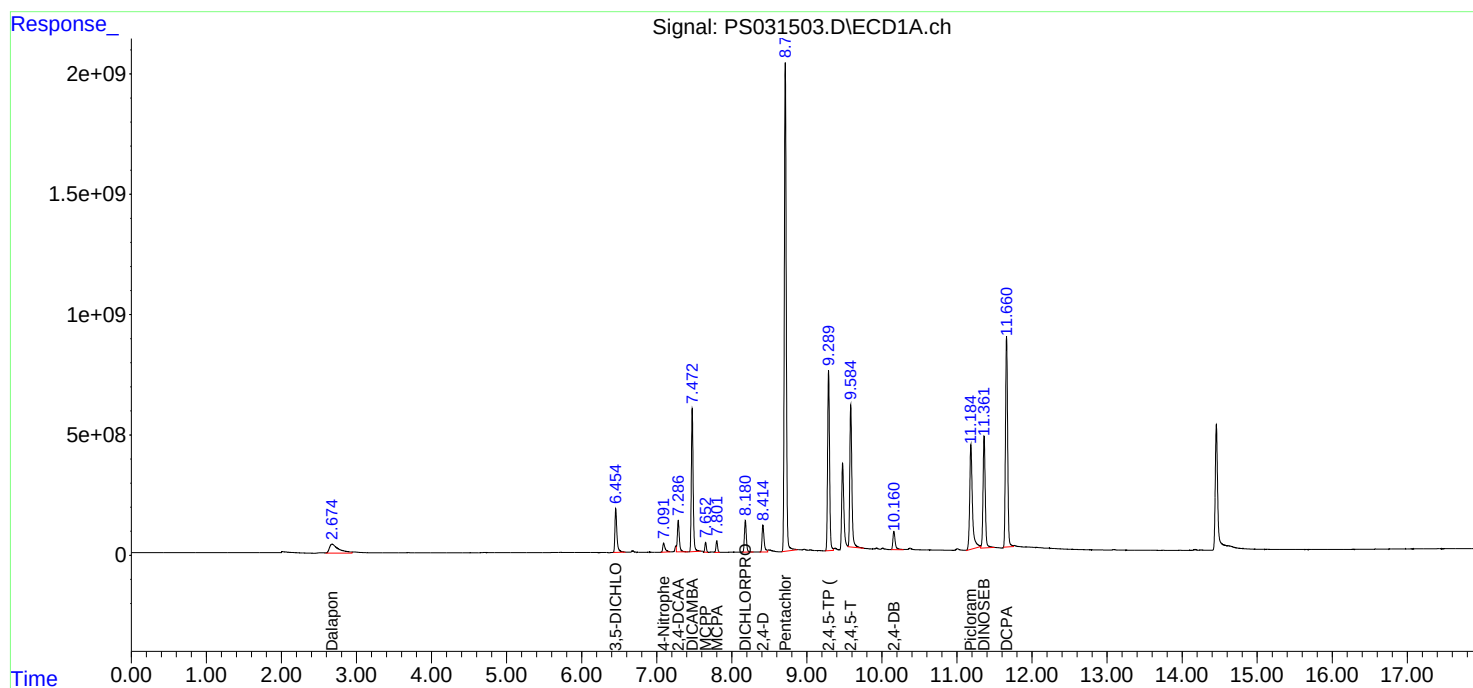
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

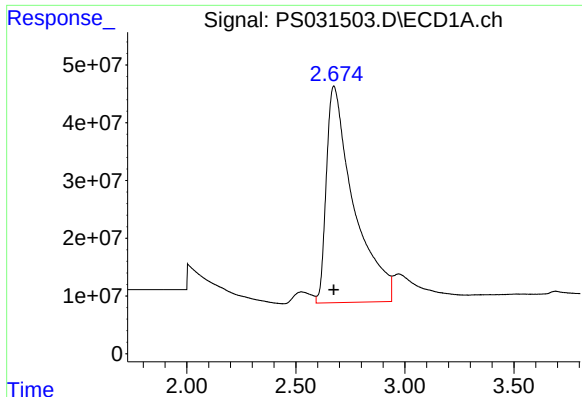
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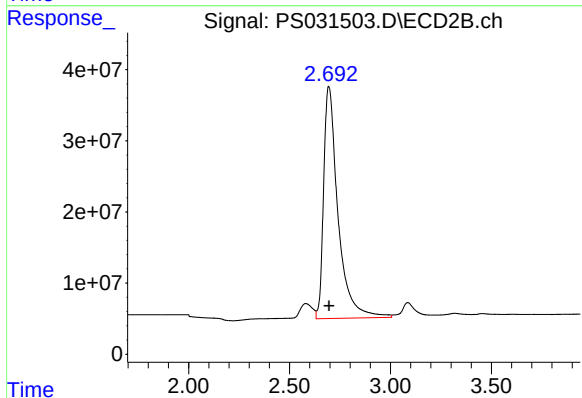
#1 Dalapon

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 3258160006
Conc: 620.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

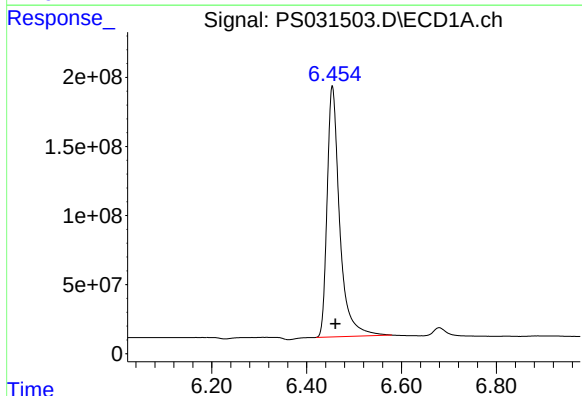
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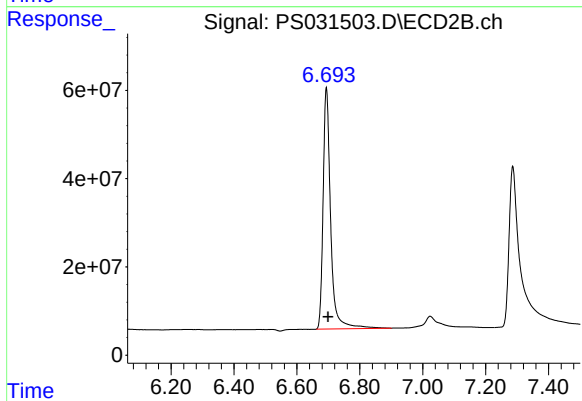
#1 Dalapon

R.T.: 2.694 min
Delta R.T.: 0.000 min
Response: 1619674975
Conc: 608.67 ng/ml



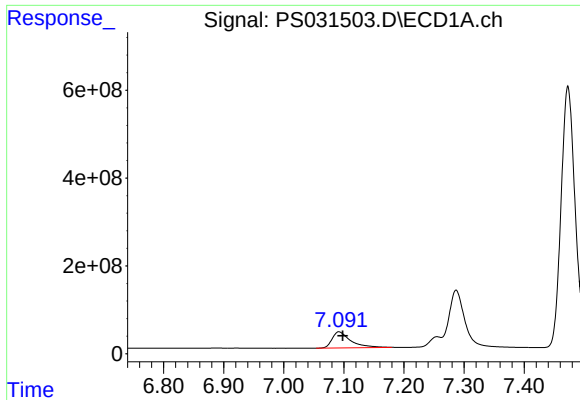
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 3331304126
Conc: 706.04 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 911528719
Conc: 674.24 ng/ml



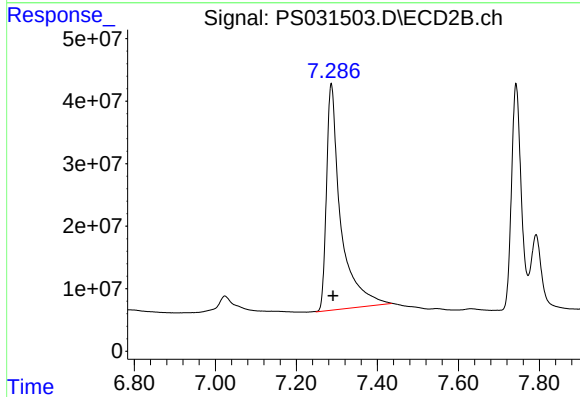
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: -0.007 min
Response: 785918826
Conc: 761.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

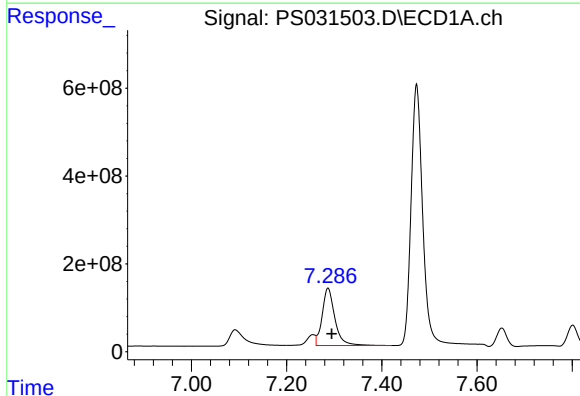
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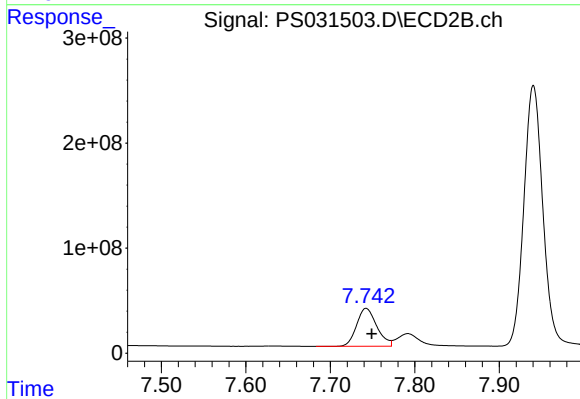
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 885567017
Conc: 704.57 ng/ml m



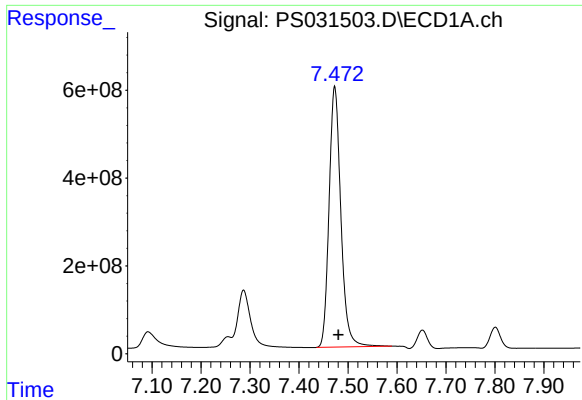
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 2403795223
Conc: 757.34 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 600908283
Conc: 710.85 ng/ml



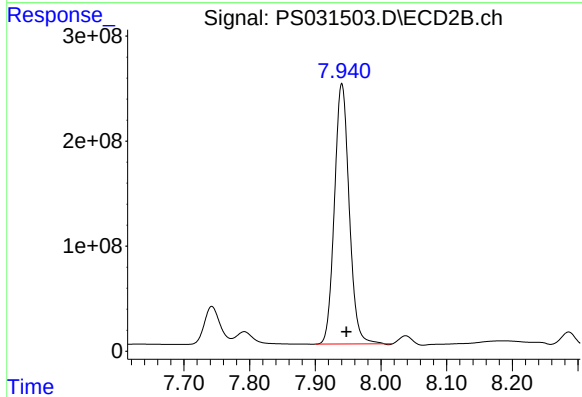
#5 DICAMBA

R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 9922667635
Conc: 710.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

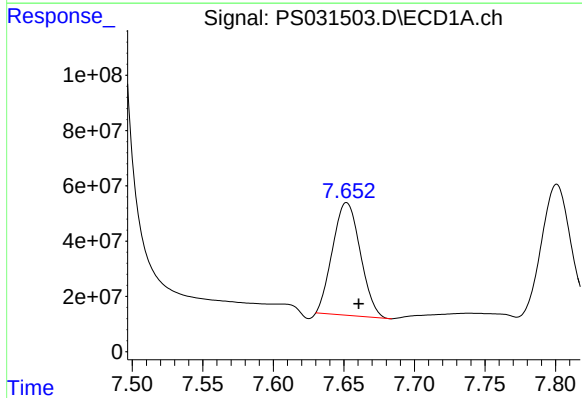
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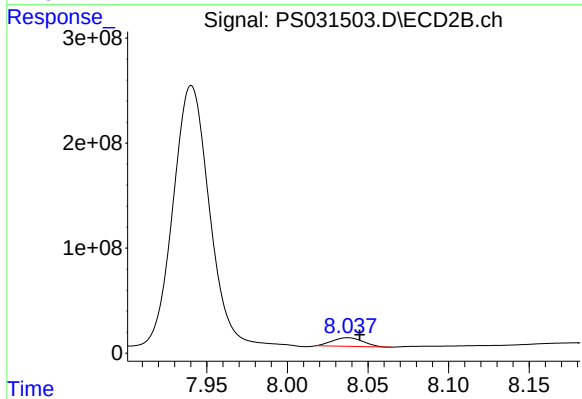
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.007 min
Response: 3864226180
Conc: 680.00 ng/ml



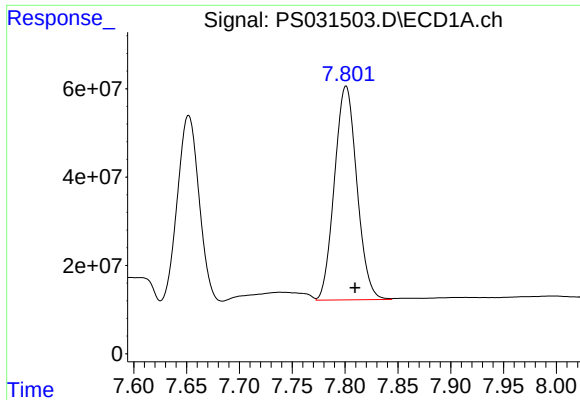
#6 MCP

R.T.: 7.652 min
Delta R.T.: -0.009 min
Response: 557373973
Conc: 69.28 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.007 min
Response: 107652086
Conc: 60.89 ug/ml



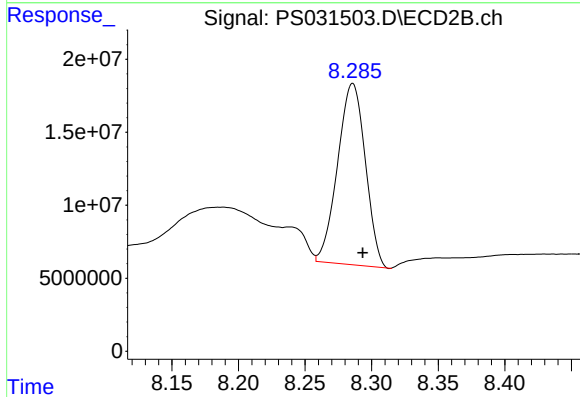
#7 MCPA

R.T.: 7.801 min
Delta R.T.: -0.008 min
Response: 712488726
Conc: 71.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

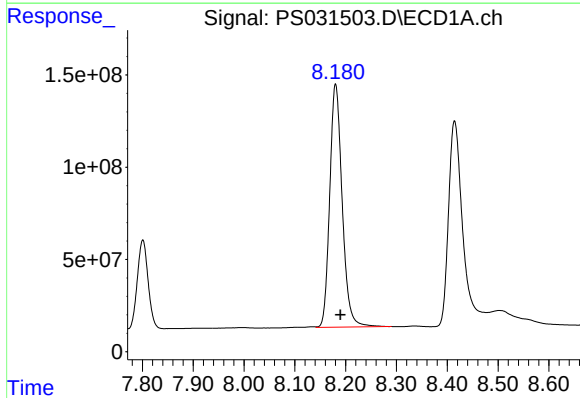
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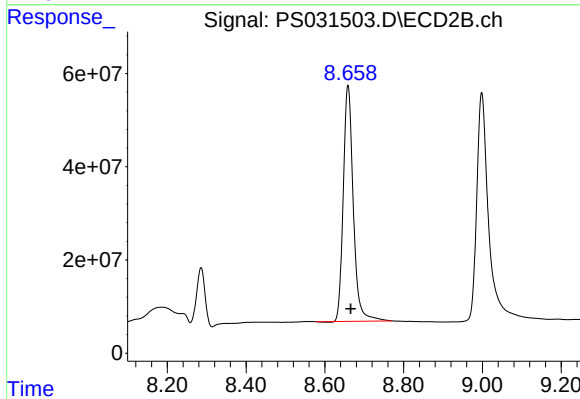
#7 MCPA

R.T.: 8.286 min
Delta R.T.: -0.008 min
Response: 179788359
Conc: 64.08 ug/ml



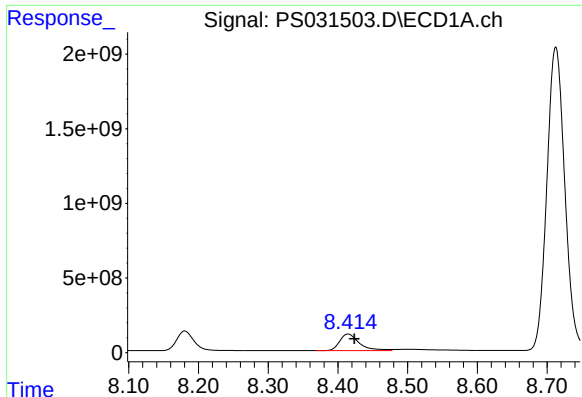
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 2242614931
Conc: 706.91 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 894748972
Conc: 670.21 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: -0.009 min
Response: 2181366029
Conc: 758.26 ng/ml

Instrument :

ECD_S

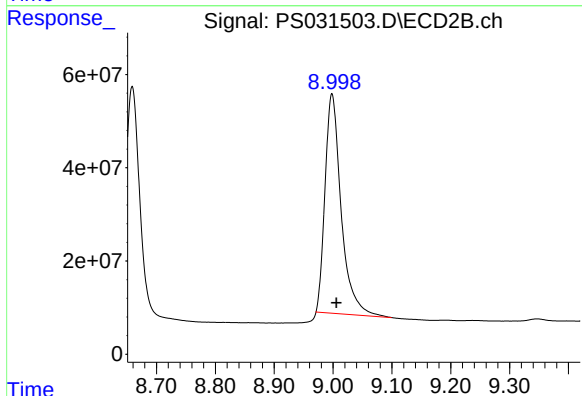
ClientSampleId :

HSTDCCC750

Manual Integrations

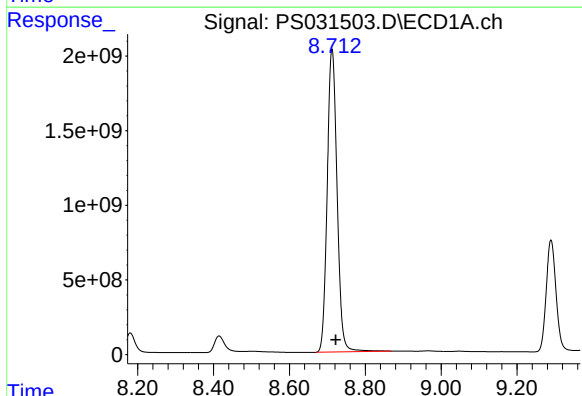
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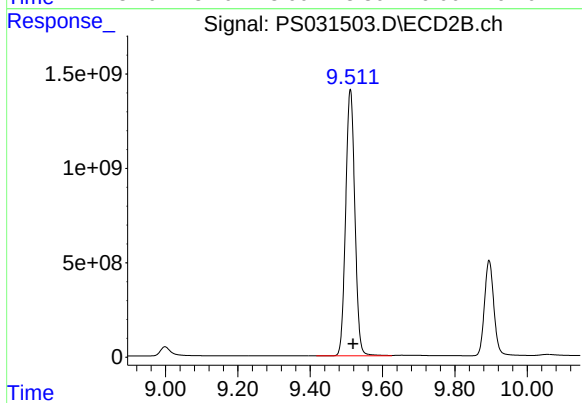
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: -0.007 min
Response: 895307001
Conc: 627.28 ng/ml



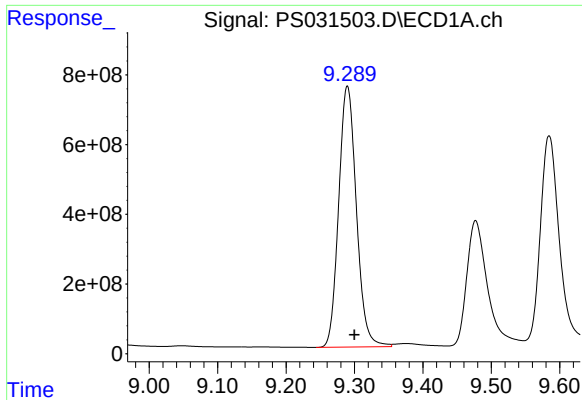
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 36603535786
Conc: 762.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: -0.007 min
Response: 24951978507
Conc: 716.43 ng/ml



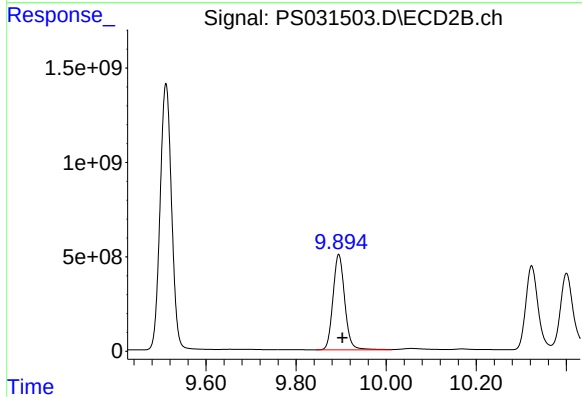
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 13462057968
Conc: 751.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

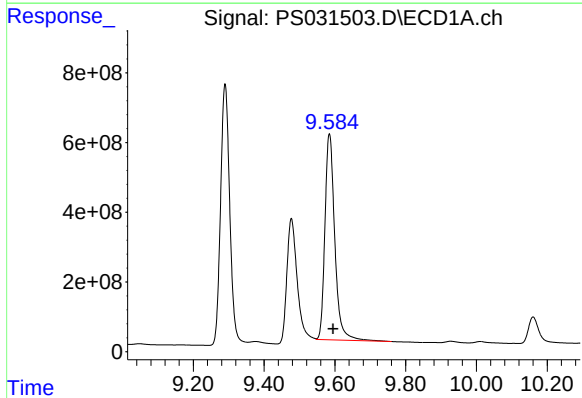
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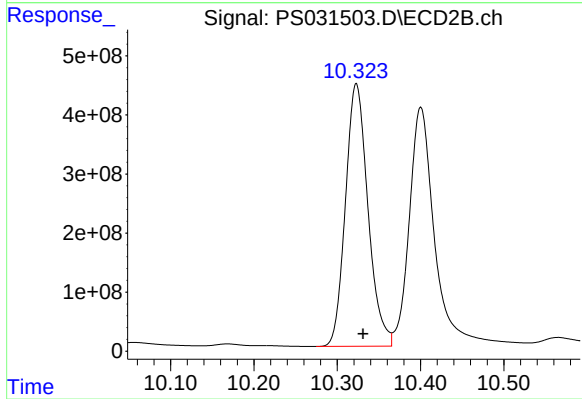
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: -0.008 min
Response: 9140725858
Conc: 696.91 ng/ml



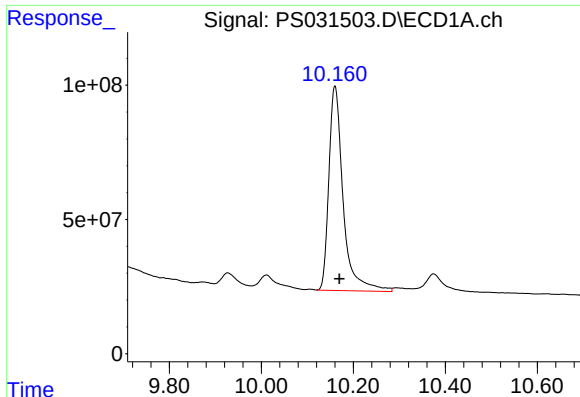
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.011 min
Response: 11411877842
Conc: 778.90 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 8347407025
Conc: 705.03 ng/ml



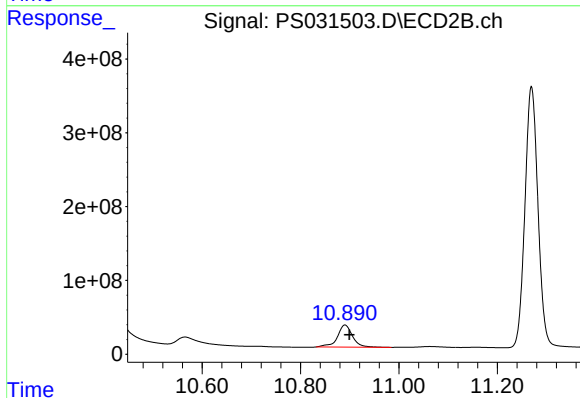
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 1639974249
Conc: 853.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

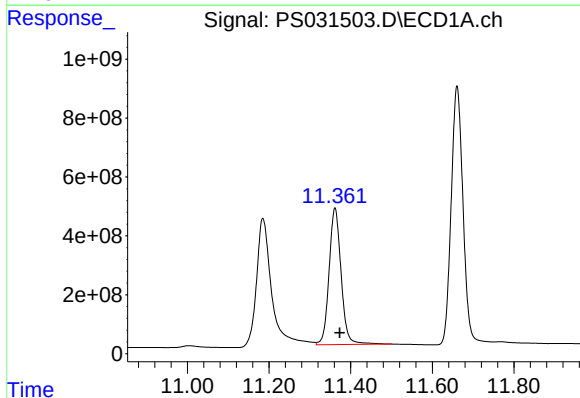
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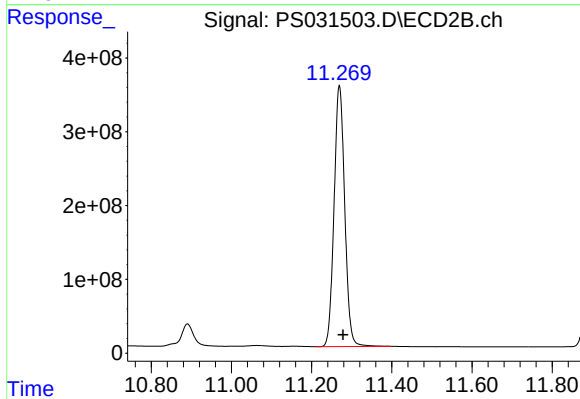
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 637066700
Conc: 660.28 ng/ml



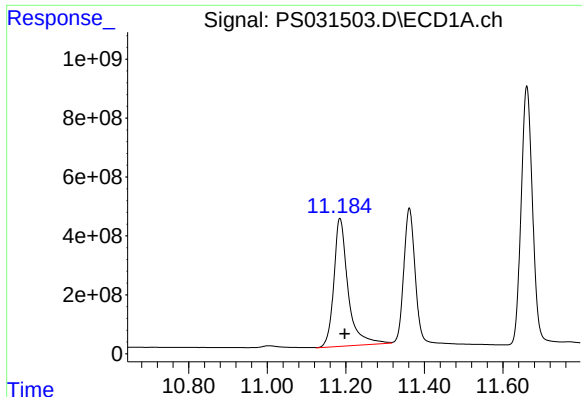
#14 DINOSEB

R.T.: 11.362 min
Delta R.T.: -0.012 min
Response: 9498794556
Conc: 749.21 ng/ml



#14 DINOSEB

R.T.: 11.269 min
Delta R.T.: -0.009 min
Response: 6527696893
Conc: 690.25 ng/ml



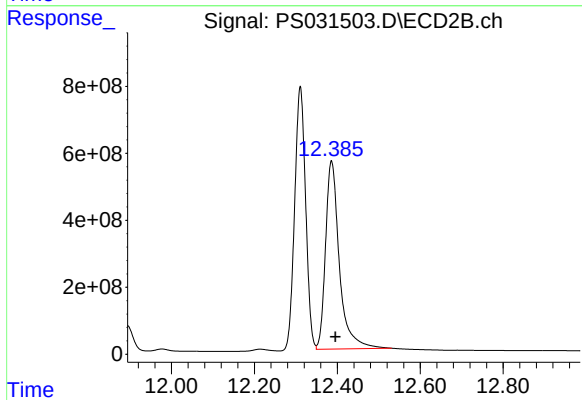
#15 Picloram

R.T.: 11.184 min
Delta R.T.: -0.013 min
Response: 10926602143
Conc: 837.02 ng/ml

Instrument :
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HSTDCCC750

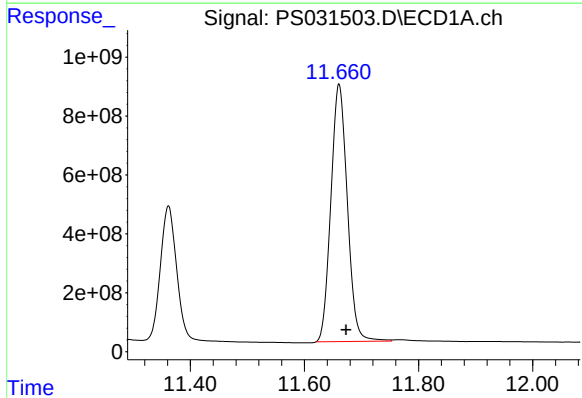
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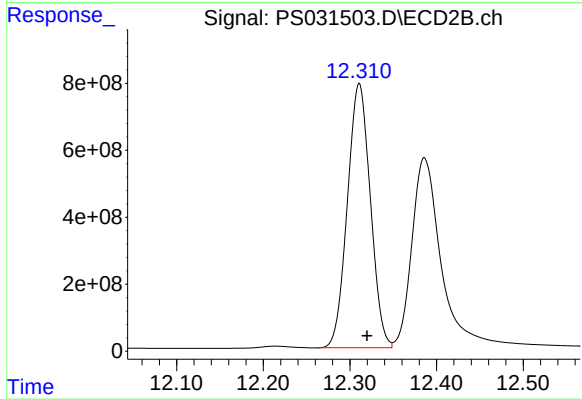
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.009 min
Response: 13017290624
Conc: 742.58 ng/ml



#16 DCPA

R.T.: 11.661 min
Delta R.T.: -0.012 min
Response: 17473315032
Conc: 767.07 ng/ml



#16 DCPA

R.T.: 12.310 min
Delta R.T.: -0.009 min
Response: 14555117194
Conc: 738.82 ng/ml m