

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070725\
 Data File : PS030941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 01:38
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:39:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.336	7.766	2586.5E6	742.4E6	703.919m	692.551
Target Compounds							
1) T	Dalapon	2.703	2.710	3733.5E6	1723.7E6	625.831	628.682
2) T	3,5-DICHL...	6.497	6.713	3560.6E6	1037.8E6	662.130	643.316
3) T	4-Nitroph...	7.135	7.299	1038.8E6	1077.8E6	658.838	621.712
5) T	DICAMBA	7.526	7.969	10441.6E6	4411.6E6	686.269m	673.190
6) T	MCPD	7.707	8.067	683.3E6	146.5E6	72.777m	69.847
7) T	MCPA	7.857	8.316	811.6E6	215.6E6	69.186	68.524
8) T	DICHLORPROP	8.238	8.688	2428.4E6	1002.6E6	648.305	637.584
9) T	2,4-D	8.470	9.023	2396.3E6	1097.1E6	695.710	645.587
10) T	Pentachlo...	8.777	9.547	37370.8E6	26561.7E6	706.104	696.753
11) T	2,4,5-TP ...	9.357	9.928	14342.6E6	9850.5E6	716.039	682.701
12) T	2,4,5-T	9.651	10.354	12776.0E6	9444.6E6	776.510	691.175
13) T	2,4-DB	10.227	10.922	1849.0E6	787.5E6	806.192m	665.750
14) T	DINOSEB	11.444	11.306	9509.3E6	6860.3E6	685.444m	636.316
15) T	Picloram	11.255	12.415	13080.0E6	16341.1E6	813.628m	703.104
16) T	DCPA	11.740	12.350	18928.6E6	15437.5E6	738.928	700.342m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

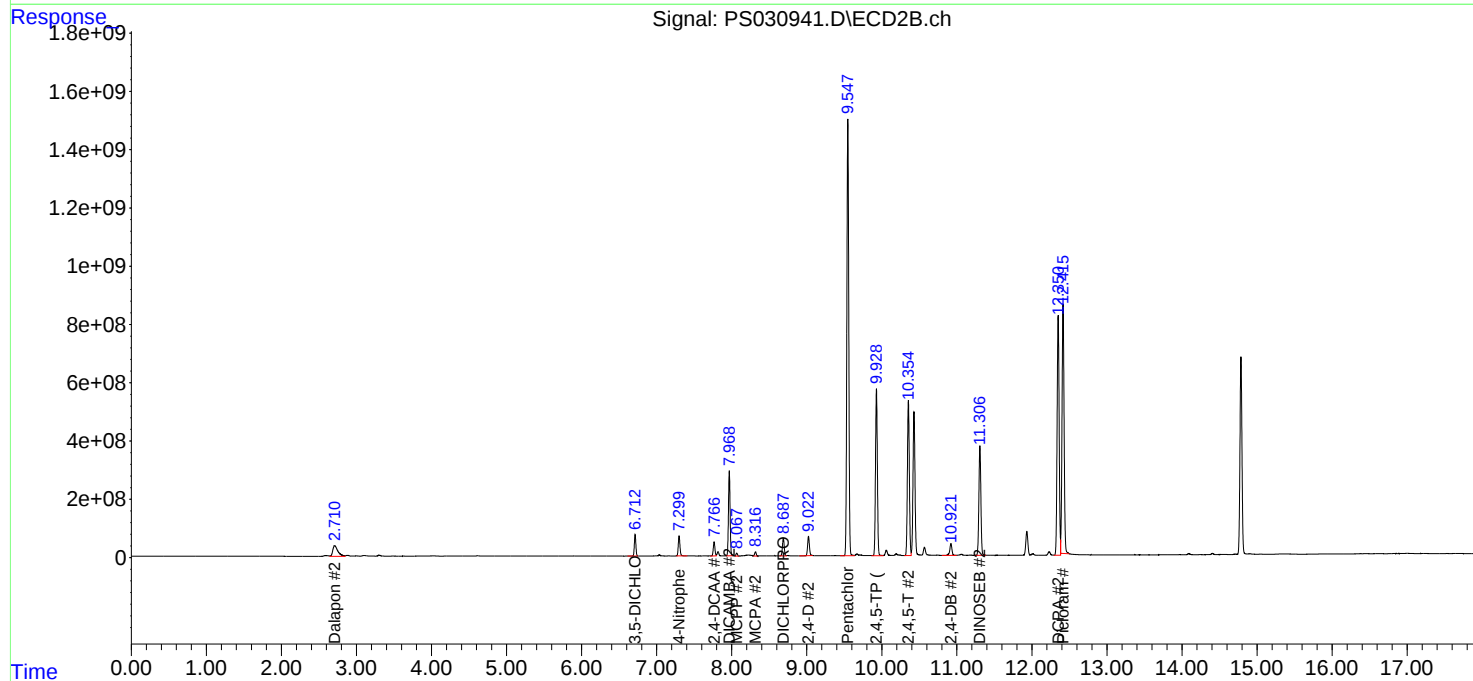
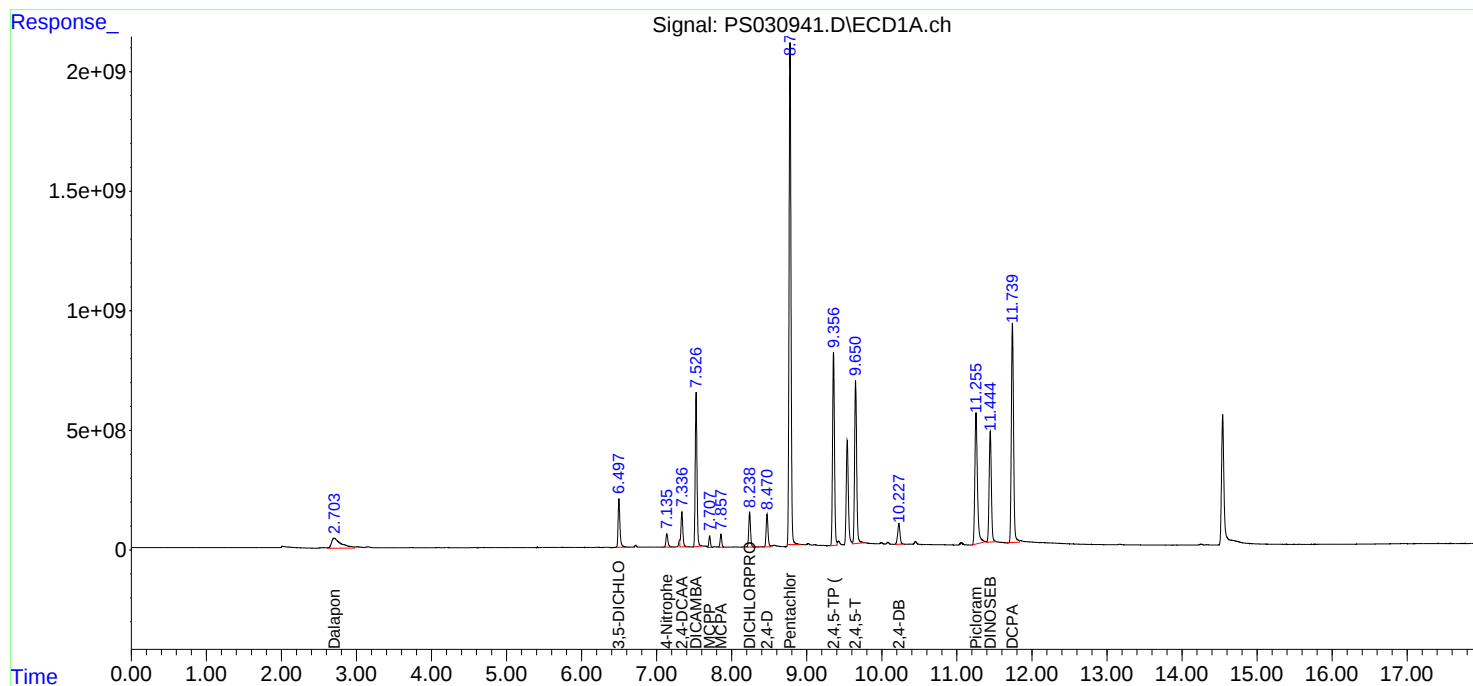
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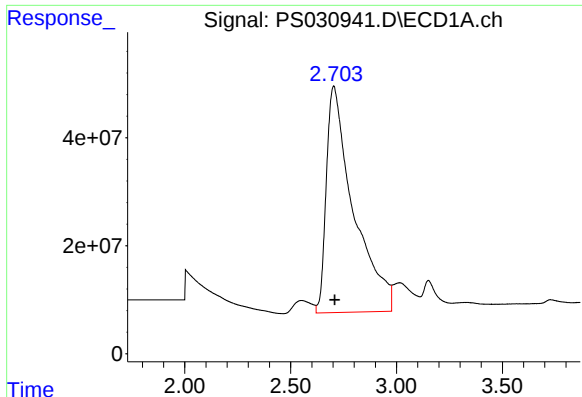
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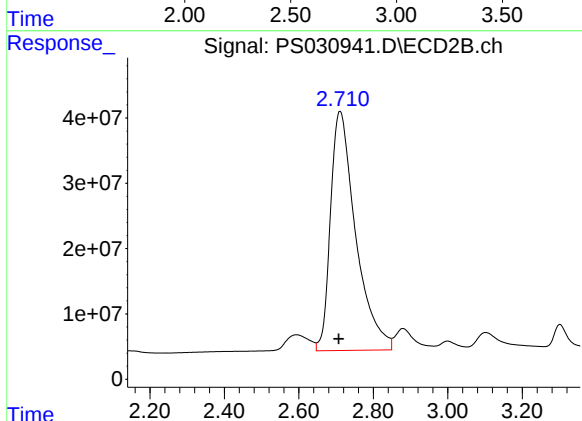
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 3733478892
Conc: 625.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

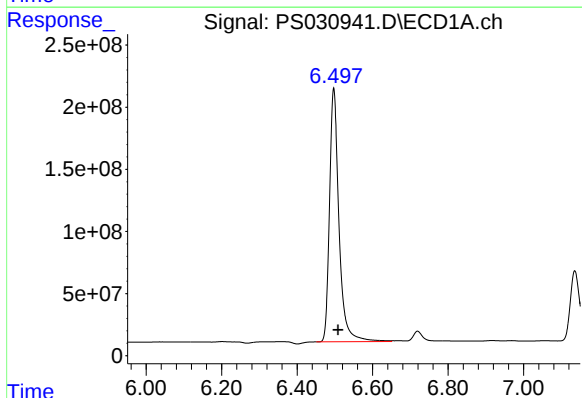
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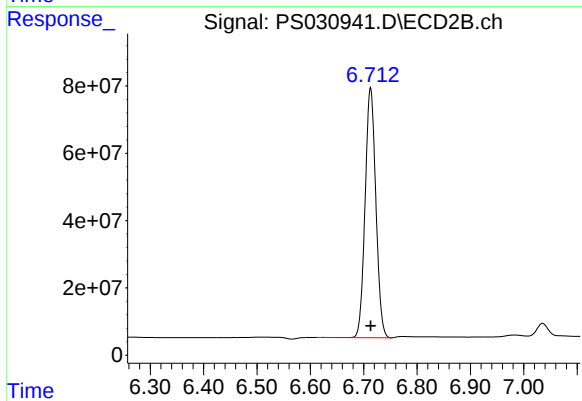
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.003 min
Response: 1723683862
Conc: 628.68 ng/ml



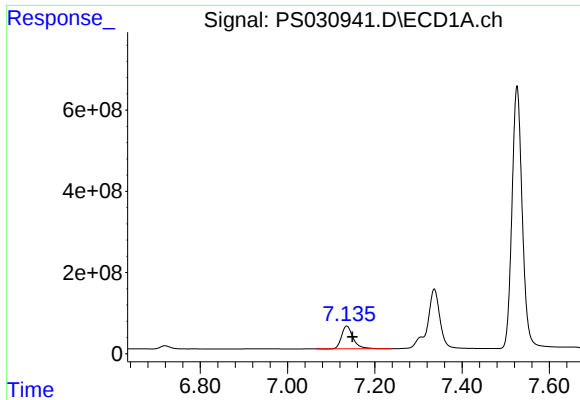
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.497 min
Delta R.T.: -0.012 min
Response: 3560636187
Conc: 662.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1037765891
Conc: 643.32 ng/ml



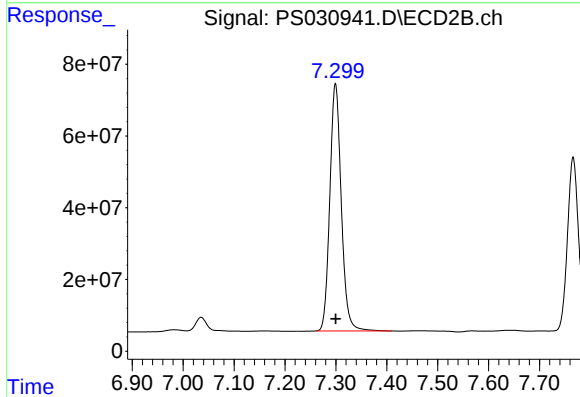
#3 4-Nitrophenol

R.T.: 7.135 min
Delta R.T.: -0.013 min
Response: 1038834842
Conc: 658.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

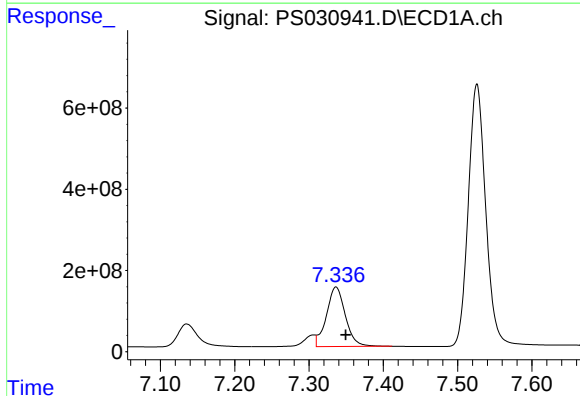
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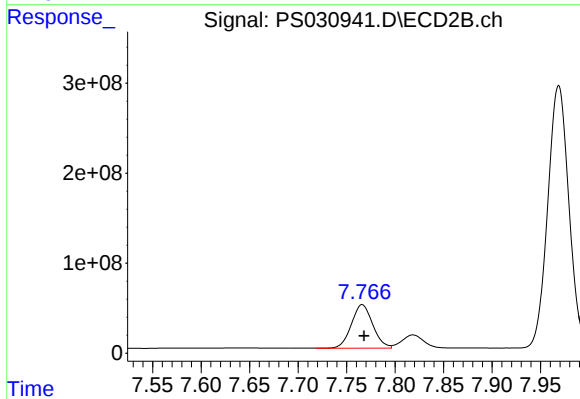
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1077759927
Conc: 621.71 ng/ml



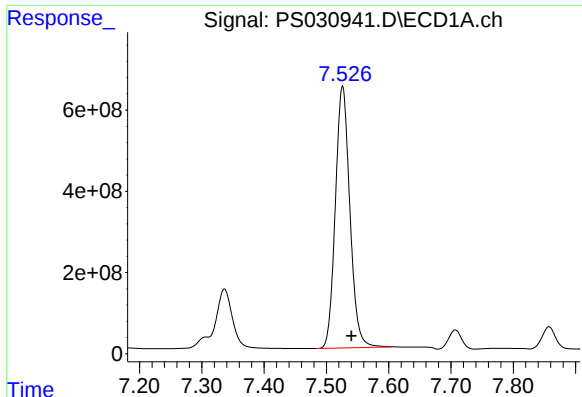
#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.014 min
Response: 2586477213
Conc: 703.92 ng/ml m



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 742390016
Conc: 692.55 ng/ml



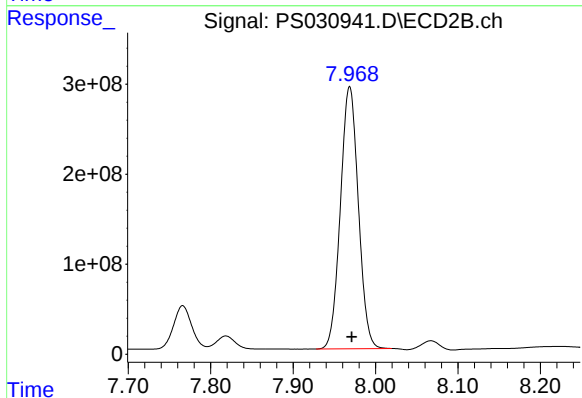
#5 DICAMBA

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 10441643936
Conc: 686.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

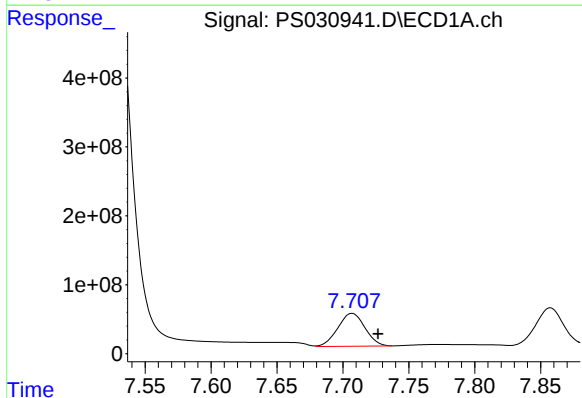
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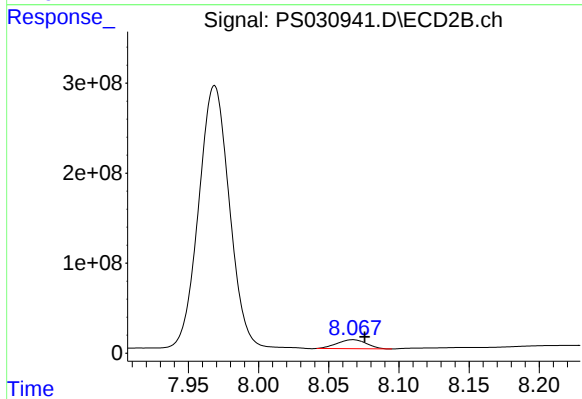
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.003 min
Response: 4411558658
Conc: 673.19 ng/ml



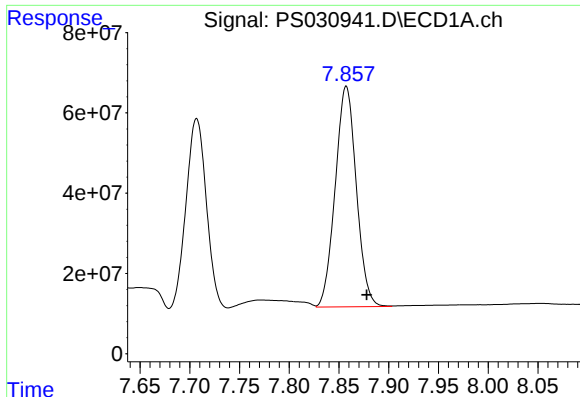
#6 MCP

R.T.: 7.707 min
Delta R.T.: -0.020 min
Response: 683256450
Conc: 72.78 ug/ml m



#6 MCP

R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 146490352
Conc: 69.85 ug/ml



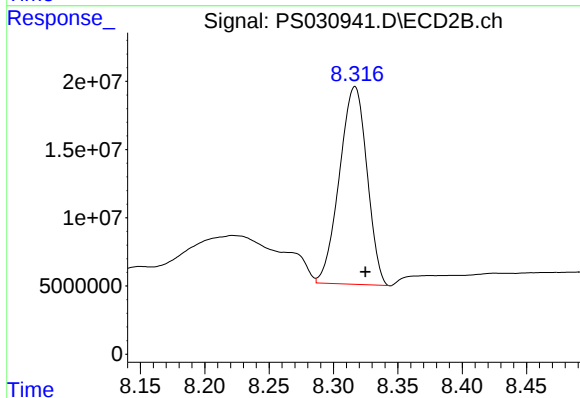
#7 MCPA

R.T.: 7.857 min
Delta R.T.: -0.021 min
Response: 811585574
Conc: 69.19 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

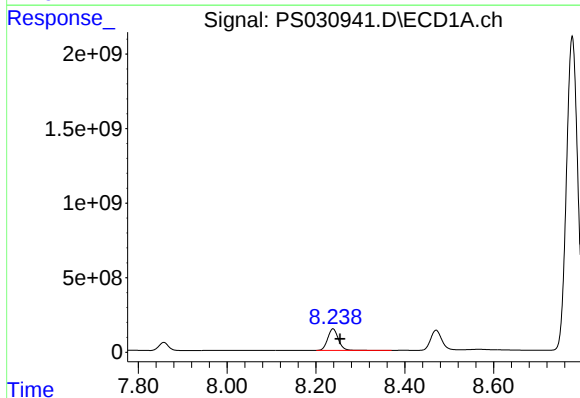
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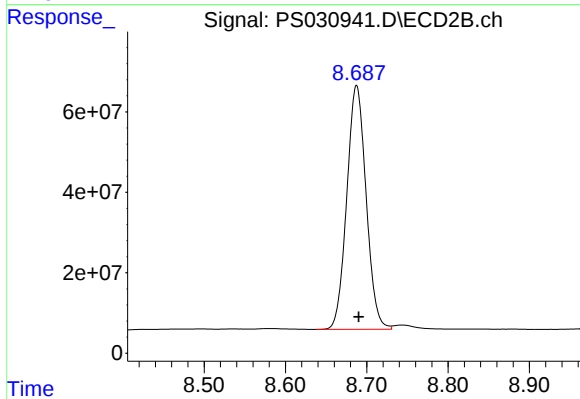
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.008 min
Response: 215559367
Conc: 68.52 ug/ml



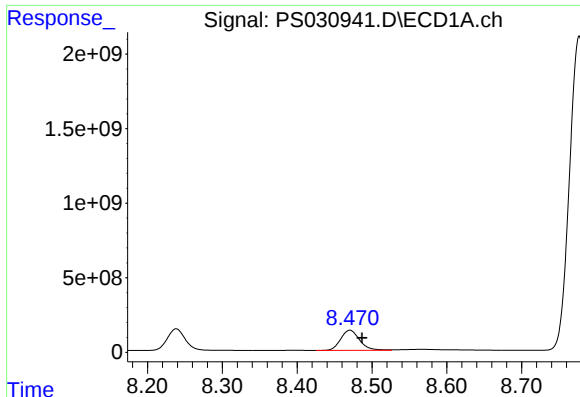
#8 DICHLORPROP

R.T.: 8.238 min
Delta R.T.: -0.016 min
Response: 2428399002
Conc: 648.31 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 1002598100
Conc: 637.58 ng/ml



#9 2,4-D

R.T.: 8.470 min
Delta R.T.: -0.017 min
Response: 2396311698
Conc: 695.71 ng/ml

Instrument :

ECD_S

ClientSampleId :

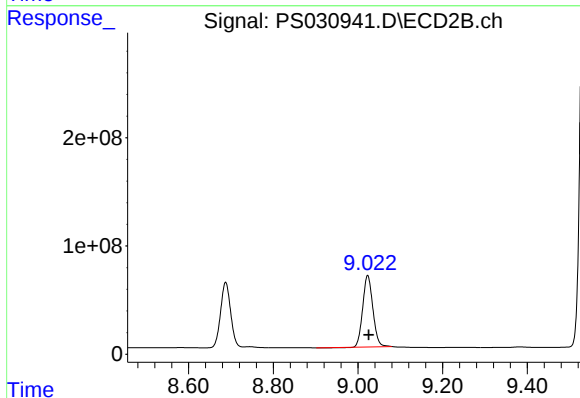
HSTDCCC750

Manual Integrations

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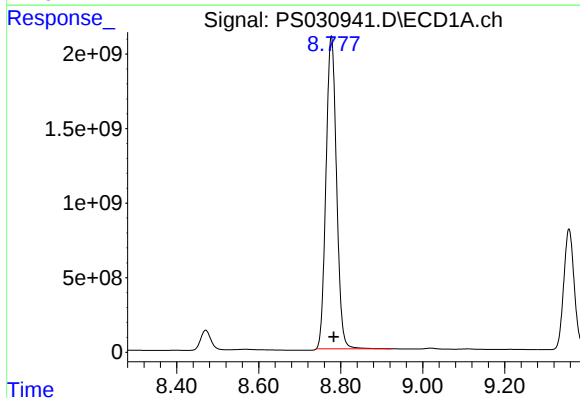
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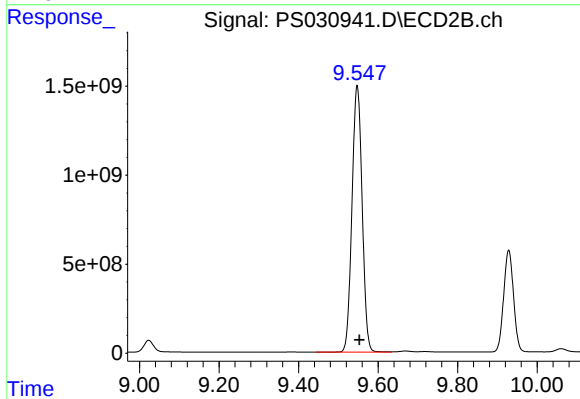
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: -0.003 min
Response: 1097113086
Conc: 645.59 ng/ml



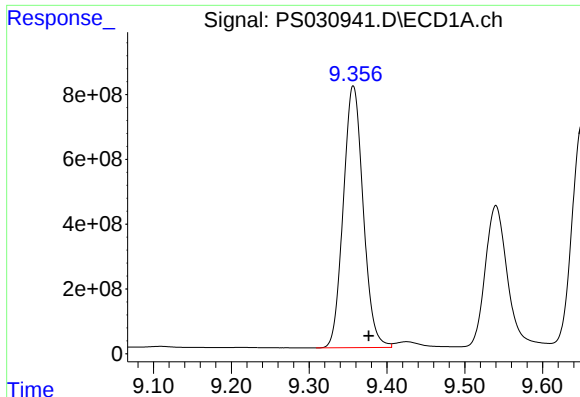
#10 Pentachlorophenol

R.T.: 8.777 min
Delta R.T.: -0.006 min
Response: 37370831477
Conc: 706.10 ng/ml



#10 Pentachlorophenol

R.T.: 9.547 min
Delta R.T.: -0.005 min
Response: 26561677989
Conc: 696.75 ng/ml



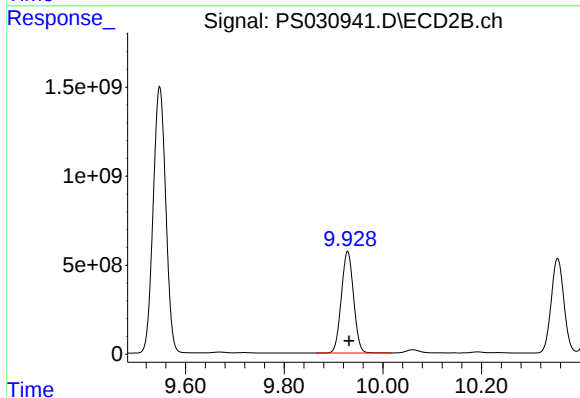
#11 2,4,5-TP (SILVEX)

R.T.: 9.357 min
Delta R.T.: -0.020 min
Response: 14342561040
Conc: 716.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

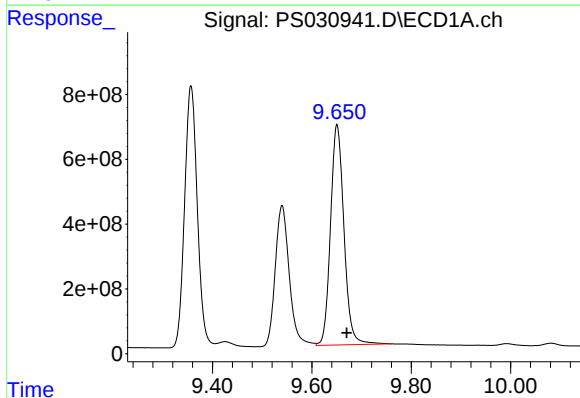
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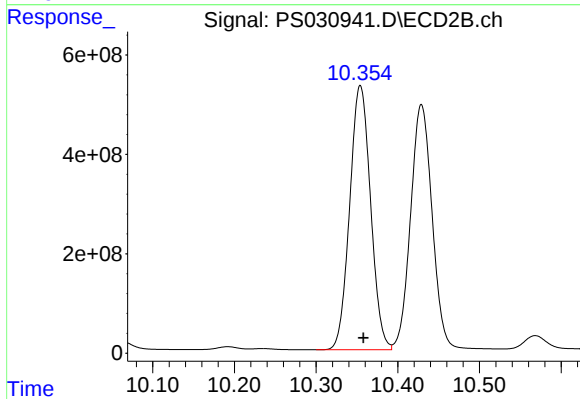
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 9850492440
Conc: 682.70 ng/ml



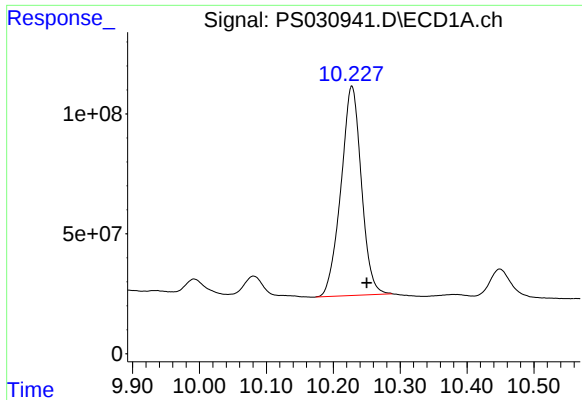
#12 2,4,5-T

R.T.: 9.651 min
Delta R.T.: -0.020 min
Response: 12776030601
Conc: 776.51 ng/ml



#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.004 min
Response: 9444645839
Conc: 691.17 ng/ml



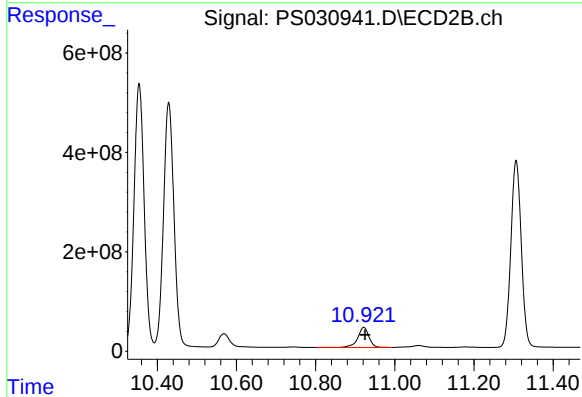
#13 2,4-DB

R.T.: 10.227 min
Delta R.T.: -0.023 min
Response: 1849003229
Conc: 806.19 ng/ml

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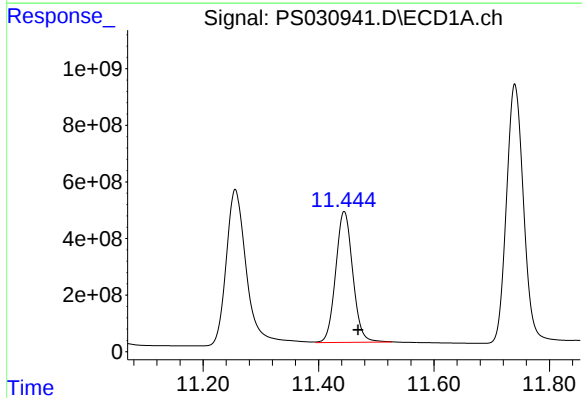
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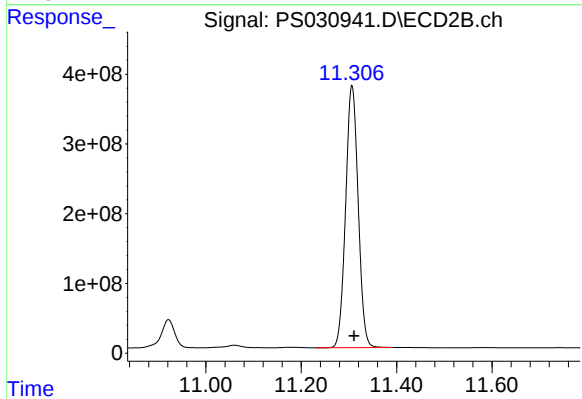
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.004 min
Response: 787518271
Conc: 665.75 ng/ml



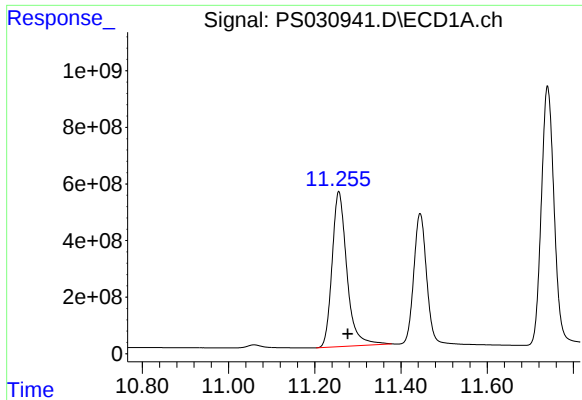
#14 DINOSEB

R.T.: 11.444 min
Delta R.T.: -0.025 min
Response: 9509291368
Conc: 685.44 ng/ml m



#14 DINOSEB

R.T.: 11.306 min
Delta R.T.: -0.005 min
Response: 6860282075
Conc: 636.32 ng/ml



#15 Picloram

R.T.: 11.255 min
Delta R.T.: -0.021 min
Response: 13079973648
Conc: 813.63 ng/ml

Instrument :

ECD_S

ClientSampleId :

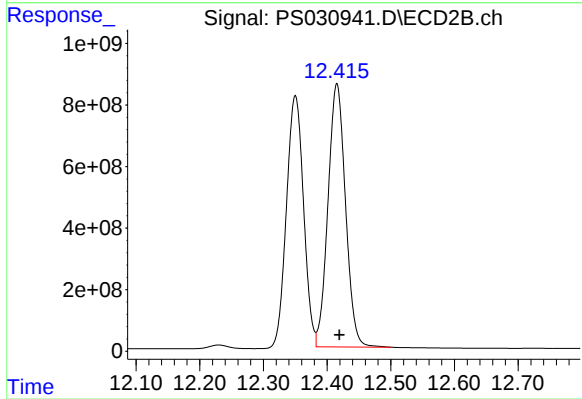
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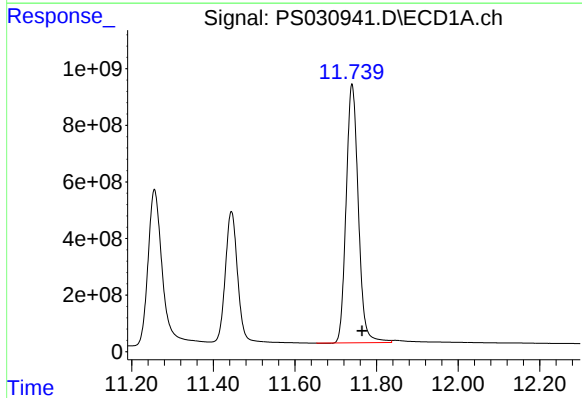
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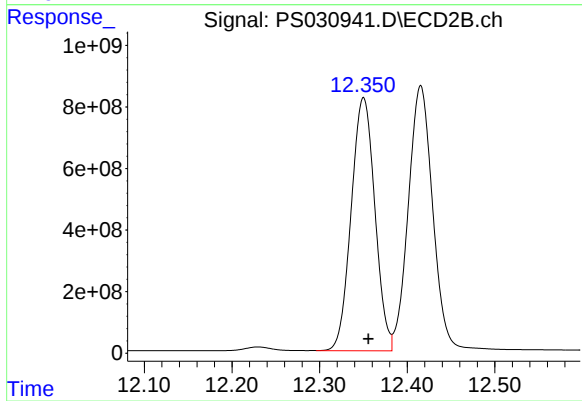
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 16341133361
Conc: 703.10 ng/ml



#16 DCPA

R.T.: 11.740 min
Delta R.T.: -0.025 min
Response: 18928582474
Conc: 738.93 ng/ml



#16 DCPA

R.T.: 12.350 min
Delta R.T.: -0.006 min
Response: 15437485874
Conc: 700.34 ng/ml m