

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 02:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 04:08:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:37:51 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	7.282	7.740	2975.9E6	649.8E6	809.865	768.875
Target Compounds							
1) T	Dalapon	2.670	2.692	3646.3E6	1866.7E6	637.700	671.716
2) T	3,5-DICHL...	6.450	6.693	3652.7E6	1041.3E6	663.046	682.900
3) T	4-Nitroph...	7.093	7.293	701.4E6	816.1E6	664.611	749.863
5) T	DICAMBA	7.466	7.935	11006.5E6	4489.4E6	675.651	703.416
6) T	MCPD	7.644	8.032	649.8E6	138.9E6	72.825	73.095
7) T	MCPA	7.793	8.279	779.9E6	193.9E6	71.465	72.530
8) T	DICHLORPROP	8.174	8.655	2444.0E6	1026.5E6	671.387	702.450
9) T	2,4-D	8.410	8.997	2548.0E6	1108.6E6	692.693	743.588
10) T	Pentachlo...	8.705	9.504	40007.3E6	28805.4E6	723.737	731.079
11) T	2,4,5-TP ...	9.282	9.889	14782.2E6	10468.2E6	685.569	714.992
12) T	2,4,5-T	9.578	10.318	12890.7E6	9110.4E6	715.095	753.602
13) T	2,4-DB	10.155	10.887	1567.7E6	602.3E6	791.605	783.114
14) T	DINOSEB	11.351	11.261	10722.7E6	7441.6E6	664.311	690.283
15) T	Picloram	11.183	12.384	10421.8E6	14142.1E6	813.577	856.659
16) T	DCPA	11.649	12.302	19255.1E6	17216.5E6	699.491	723.873m

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

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Sample : HSTDCCC750
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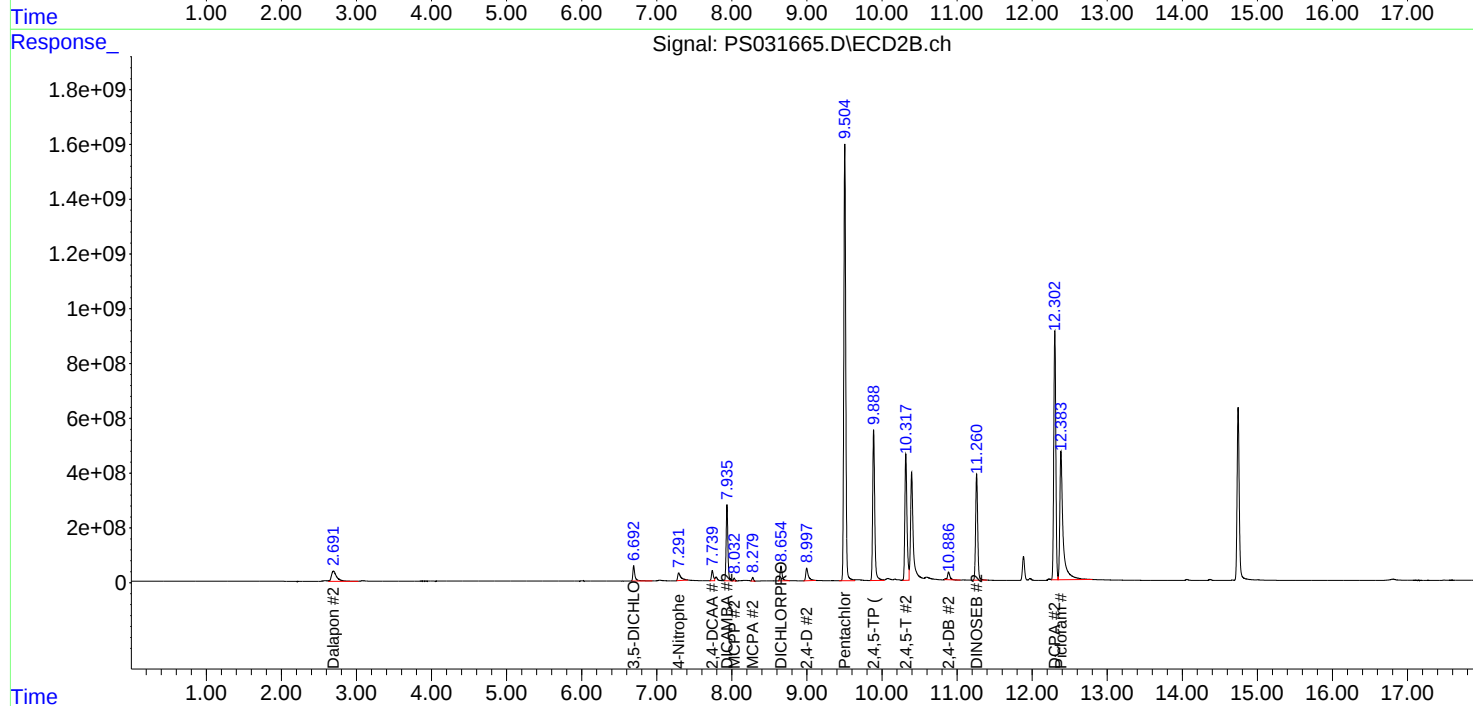
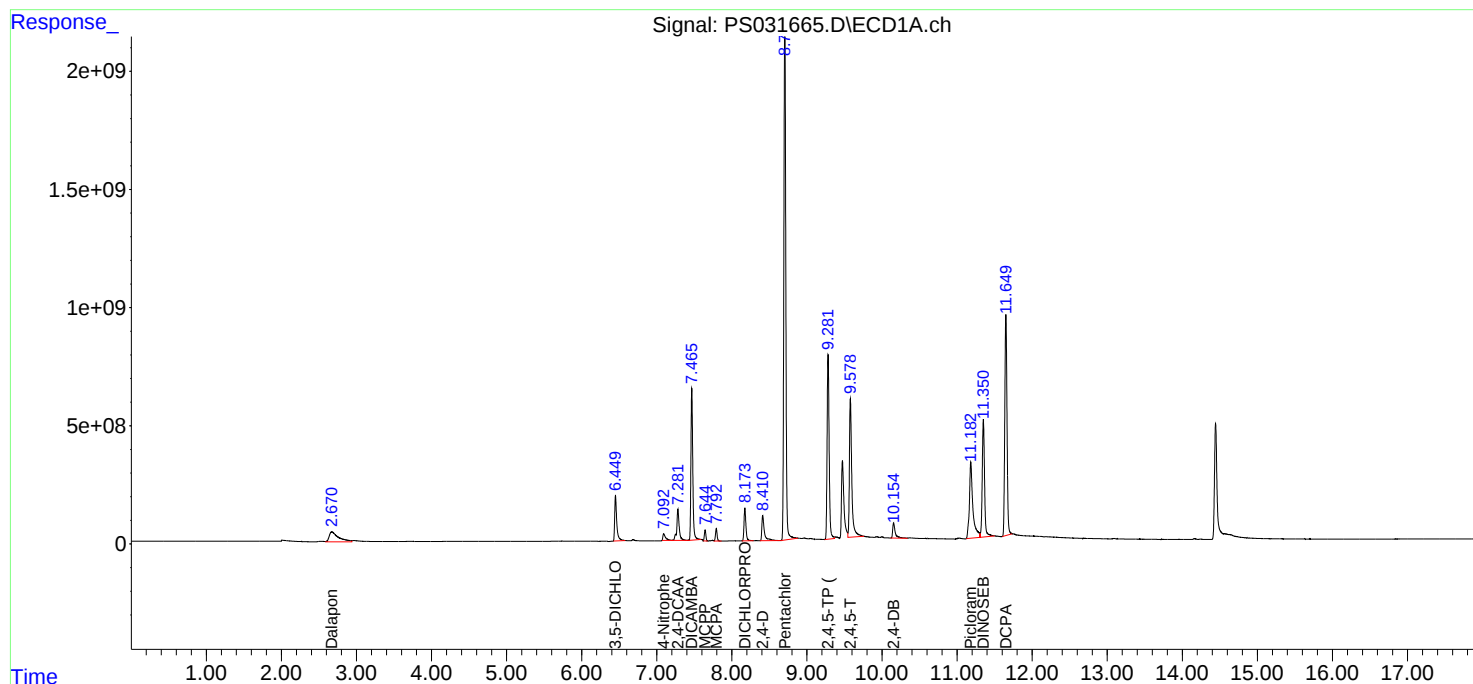
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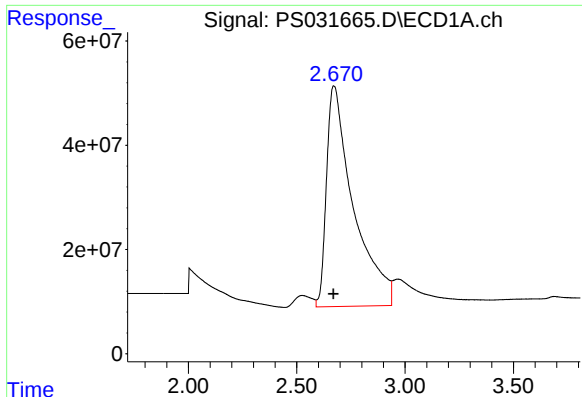
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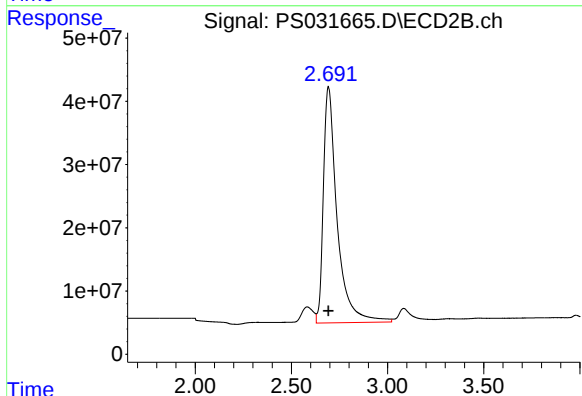
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: 0.000 min
Response: 3646331326
Conc: 637.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

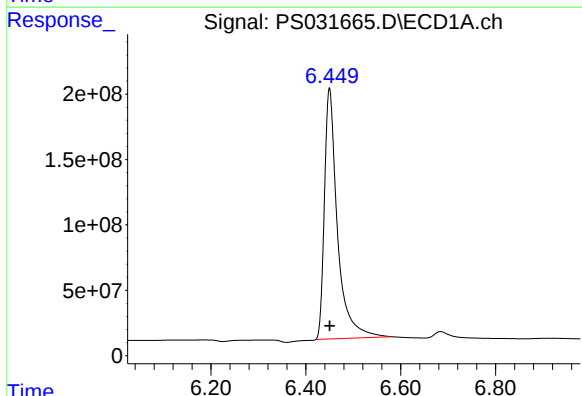
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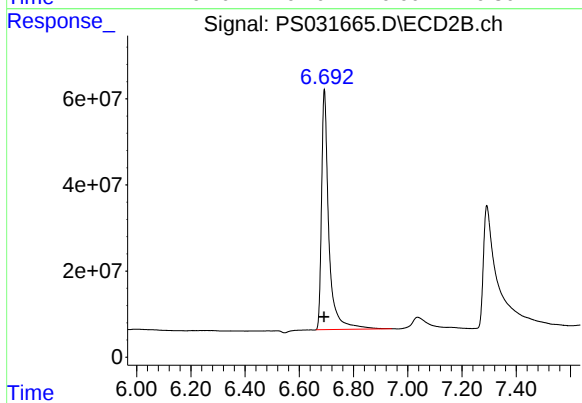
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1866708539
Conc: 671.72 ng/ml



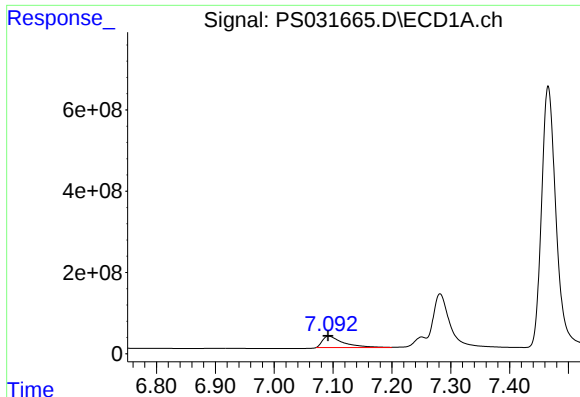
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 3652681404
Conc: 663.05 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.001 min
Response: 1041311552
Conc: 682.90 ng/ml



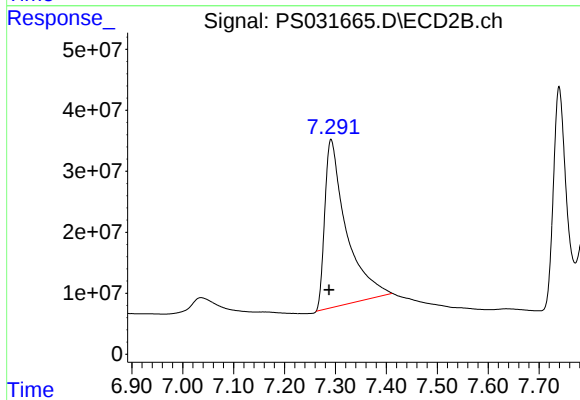
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: 0.001 min
Response: 701402835
Conc: 664.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

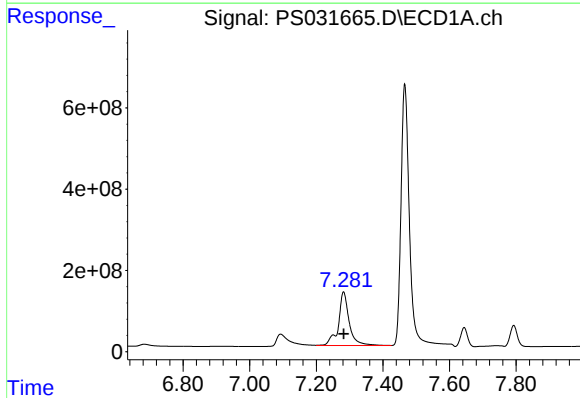
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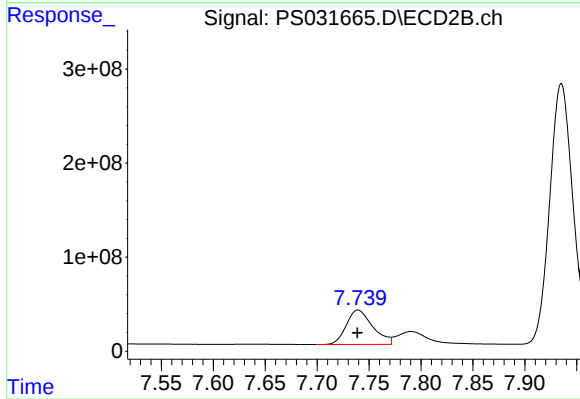
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 816111445
Conc: 749.86 ng/ml



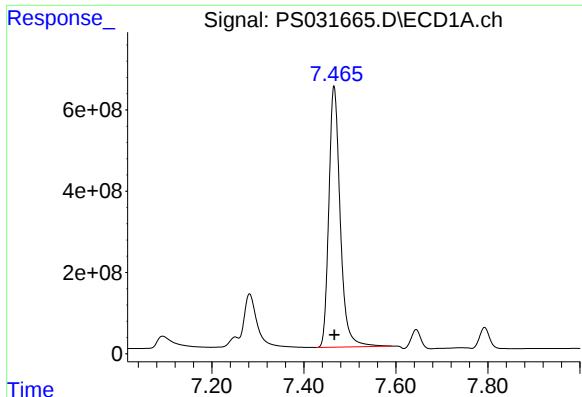
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 2975899490
Conc: 809.87 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.001 min
Response: 649848064
Conc: 768.88 ng/ml



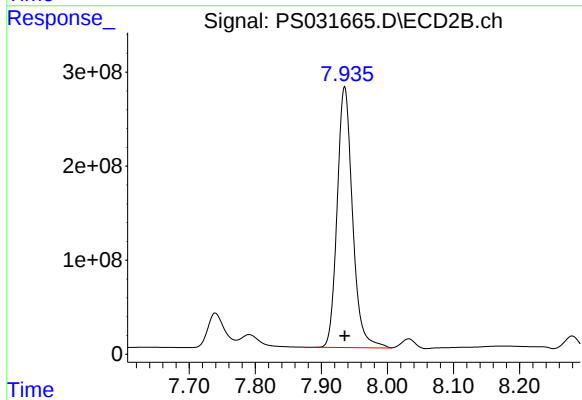
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 11006510313
Conc: 675.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

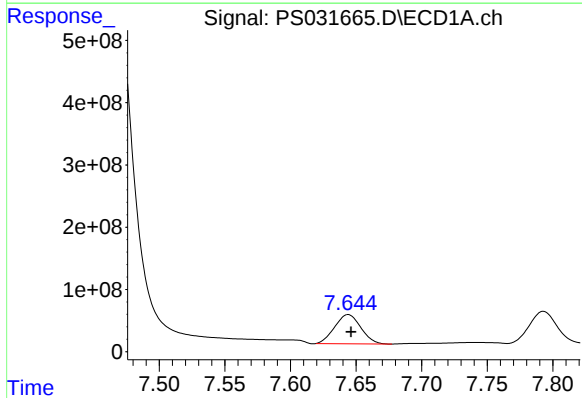
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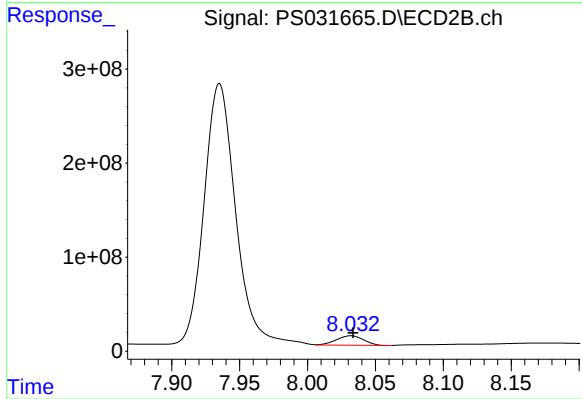
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 4489397025
Conc: 703.42 ng/ml



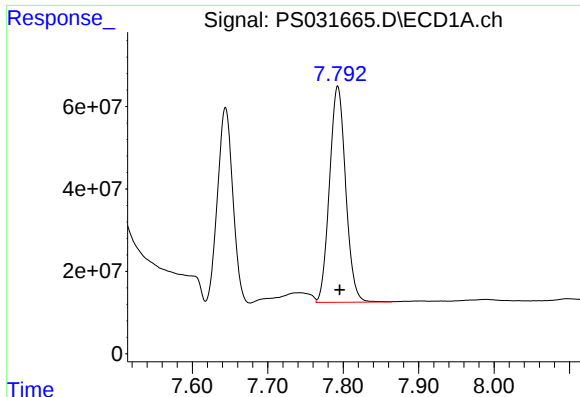
#6 MCP

R.T.: 7.644 min
Delta R.T.: -0.002 min
Response: 649802168
Conc: 72.83 ug/ml



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.002 min
Response: 138947070
Conc: 73.10 ug/ml



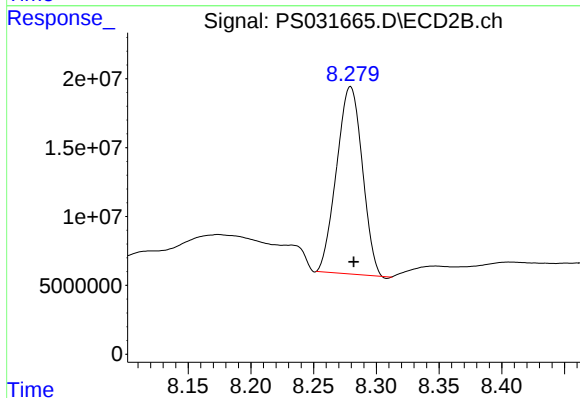
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.002 min
Response: 779857509
Conc: 71.46 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

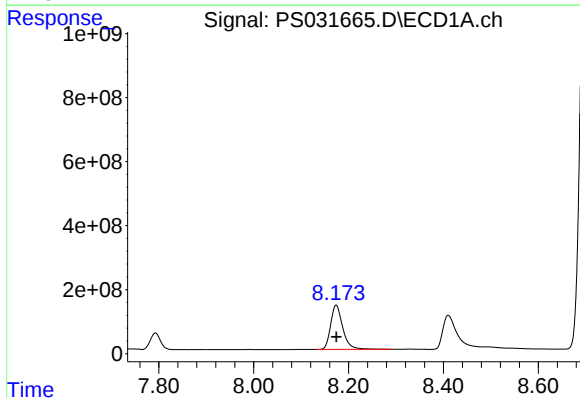
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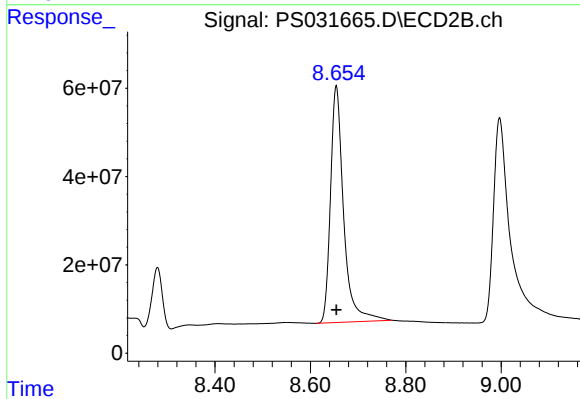
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 193903337
Conc: 72.53 ug/ml



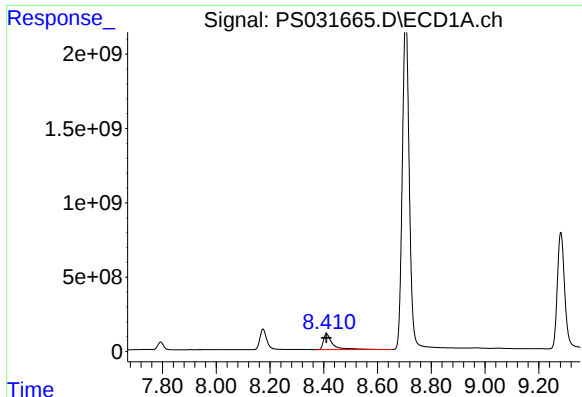
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 2444014338
Conc: 671.39 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: 0.000 min
Response: 1026520916
Conc: 702.45 ng/ml



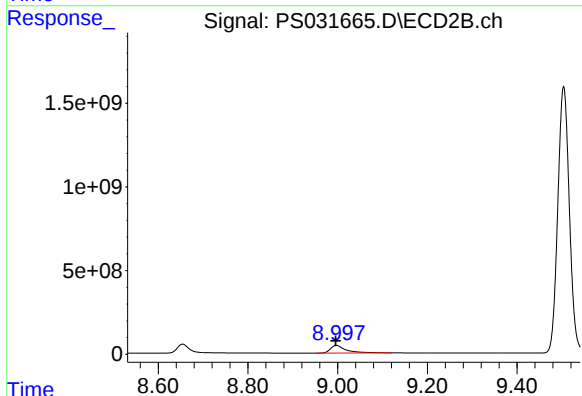
#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2548042373
Conc: 692.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

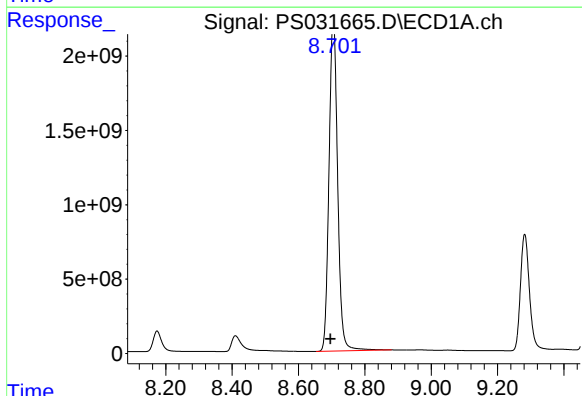
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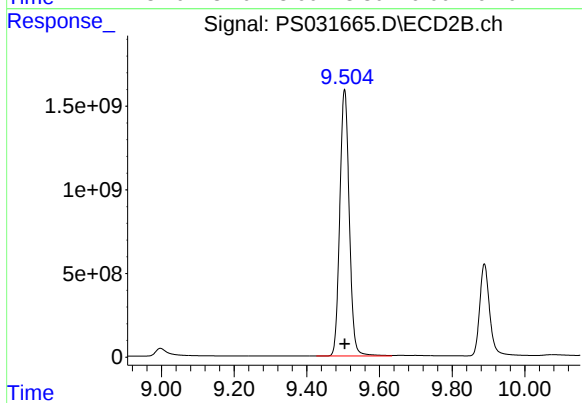
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 1108550614
Conc: 743.59 ng/ml



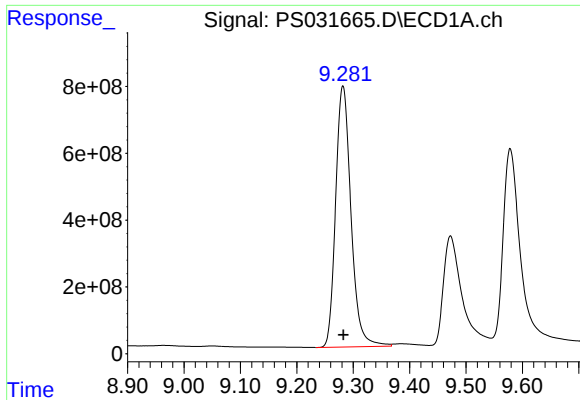
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: 0.009 min
Response: 40007322989
Conc: 723.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: 0.000 min
Response: 28805444315
Conc: 731.08 ng/ml



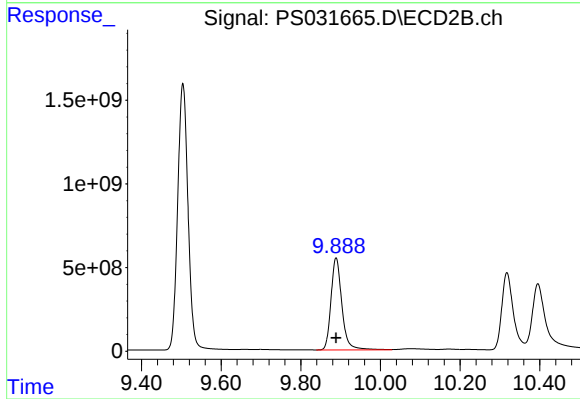
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 14782212072
Conc: 685.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

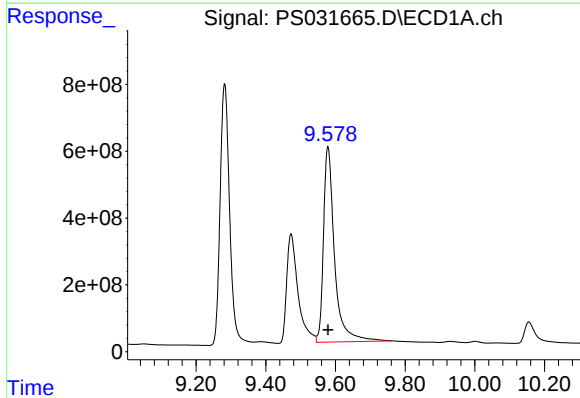
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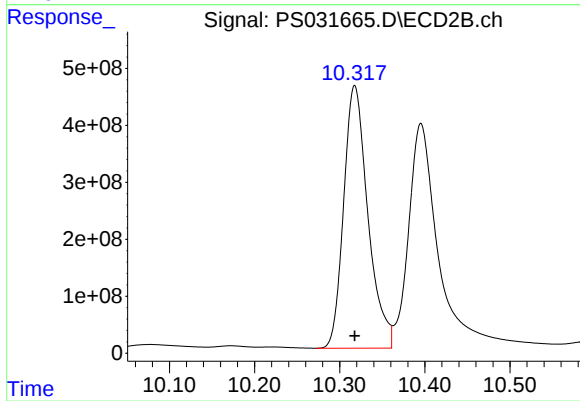
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 10468158005
Conc: 714.99 ng/ml



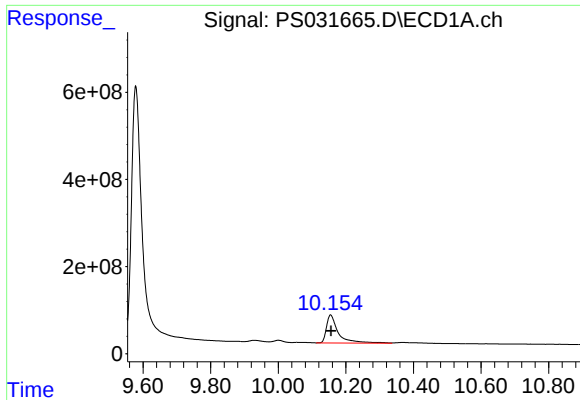
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: 0.000 min
Response: 12890667904
Conc: 715.09 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 9110363337
Conc: 753.60 ng/ml



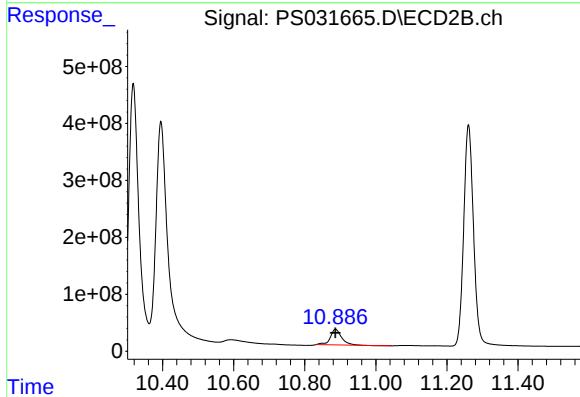
#13 2,4-DB

R.T.: 10.155 min
Delta R.T.: -0.001 min
Response: 1567744294
Conc: 791.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

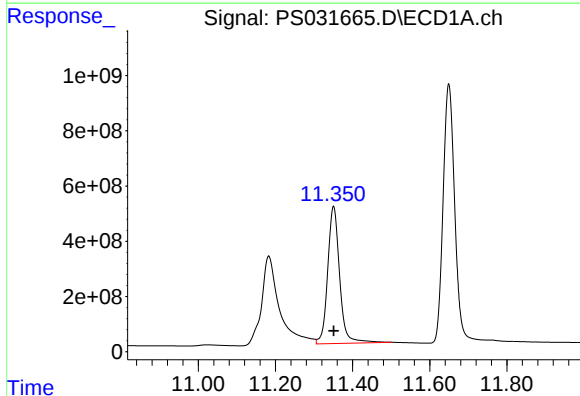
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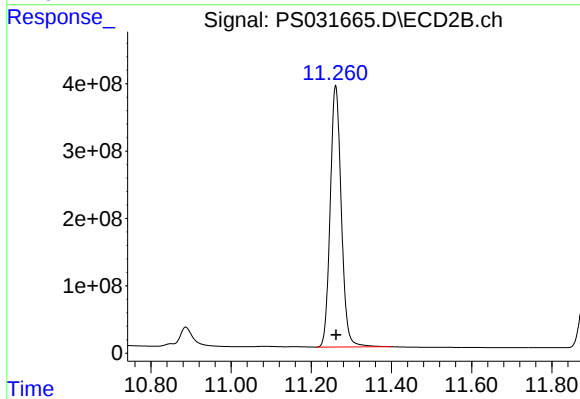
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 602301650
Conc: 783.11 ng/ml



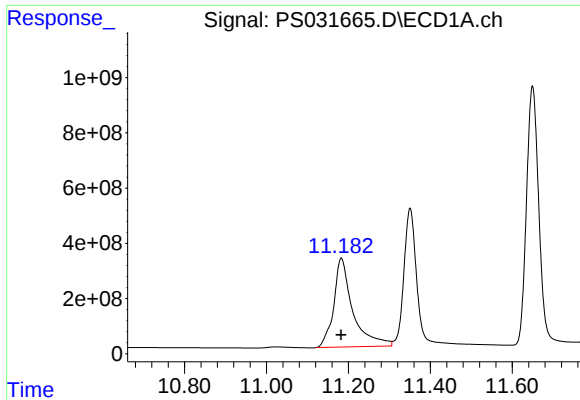
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.001 min
Response: 10722723544
Conc: 664.31 ng/ml



#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 7441639648
Conc: 690.28 ng/ml



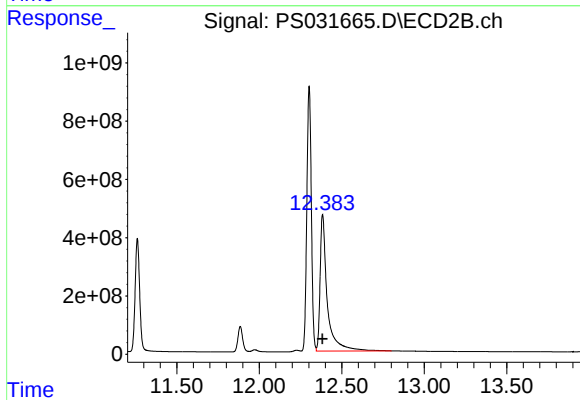
#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 10421774319
Conc: 813.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
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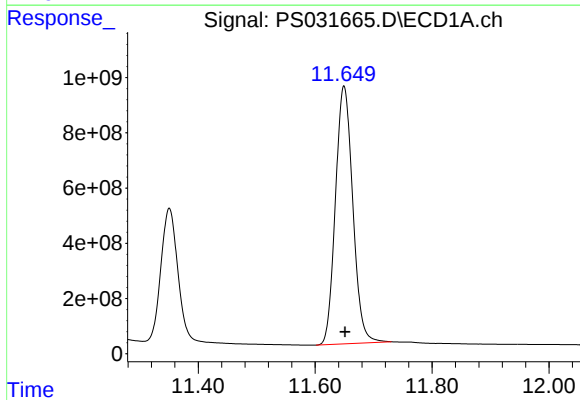
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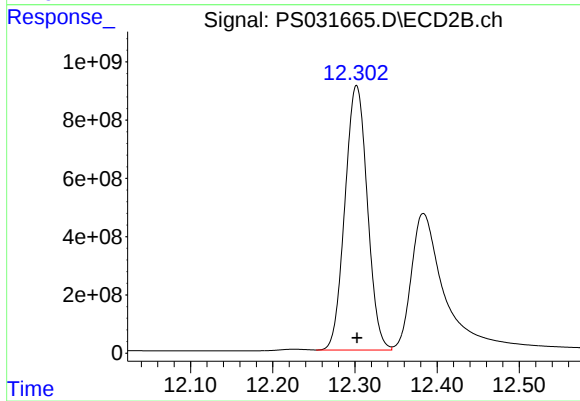
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.001 min
Response: 14142134959
Conc: 856.66 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 19255136155
Conc: 699.49 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.001 min
Response: 17216519196
Conc: 723.87 ng/ml m