

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 17:42
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 18:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:33:29 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	7.315	7.764	2871.4E6	820.7E6	976.793	975.983
Target Compounds							
1) T	Dalapon	2.689	2.703	4309.1E6	2208.8E6	888.905	893.428
2) T	3,5-DICHL...	6.477	6.711	3892.4E6	1185.2E6	910.365	910.687
3) T	4-Nitroph...	7.114	7.301	945.7E6	1196.9E6	934.559	934.927
5) T	DICAMBA	7.502	7.964	12163.5E6	5140.8E6	938.734	951.834
6) T	MCP	7.684	8.063	823.6E6	177.0E6	106.274	106.245m
7) T	MCPA	7.835	8.313	965.9E6	254.5E6	101.577	99.709
8) T	DICHLORPROP	8.212	8.684	2772.3E6	1187.2E6	900.895	903.247
9) T	2,4-D	8.445	9.023	2472.2E6	1298.1E6	956.774	925.645
10) T	Pentachlo...	8.746	9.537	43280.1E6	32447.1E6	904.476	950.066
11) T	2,4,5-TP ...	9.326	9.923	16047.7E6	11999.5E6	961.178	937.566
12) T	2,4,5-T	9.621	10.351	13235.5E6	11142.3E6	1006.546	952.412
13) T	2,4-DB	10.199	10.921	1764.9E6	929.1E6	1036.187	964.182
14) T	DINOSEB	11.406	11.301	10986.1E6	8765.9E6	958.868	935.207
15) T	Picloram	11.225	12.420	11830.2E6	17241.2E6	1033.456	1033.863
16) T	DCPA	11.705	12.344	20376.3E6	17998.5E6	982.676	960.682

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

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Acq On : 29 Jul 2025 17:42
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

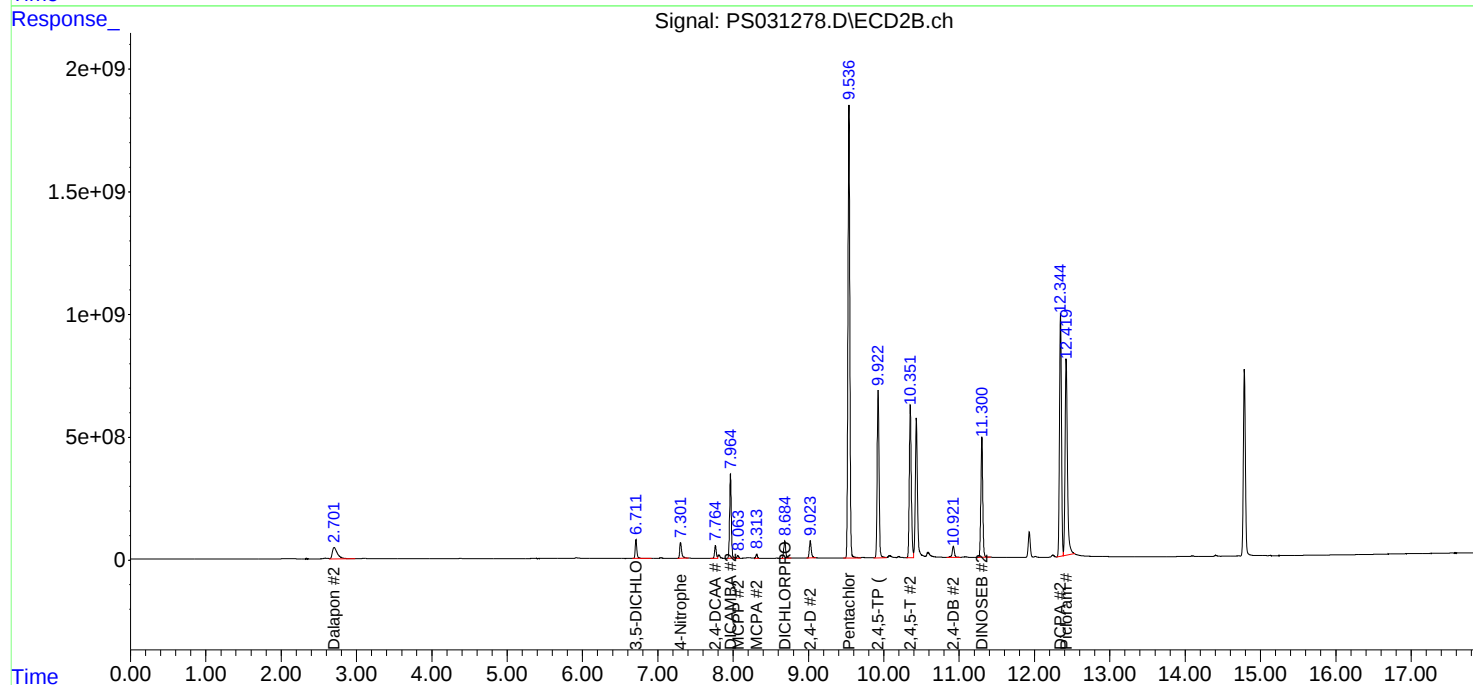
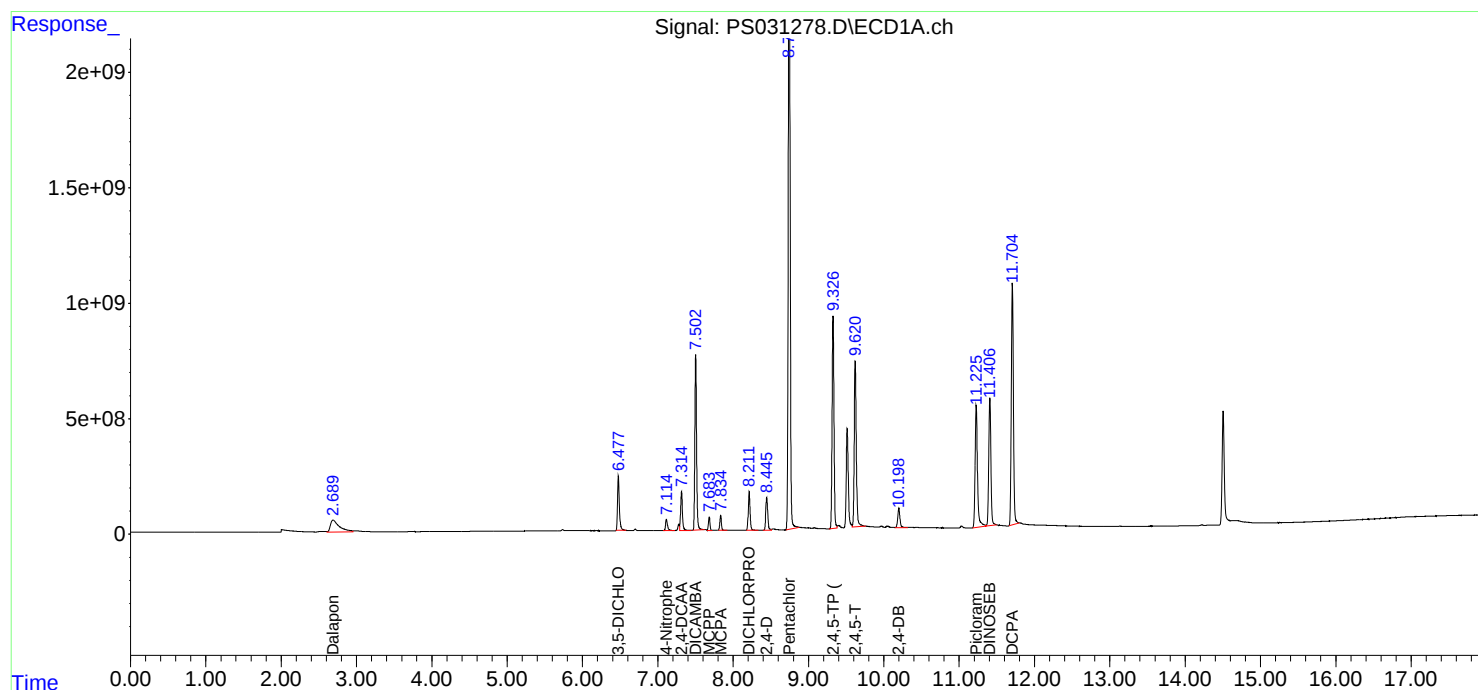
Instrument :
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ClientSampleId :
HSTDICC1000

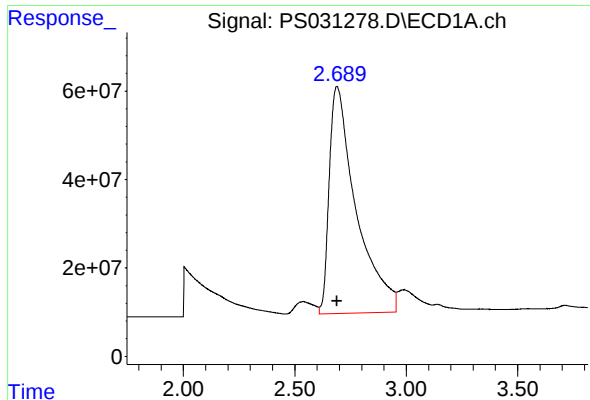
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Integration File signal 1: autoint1.e
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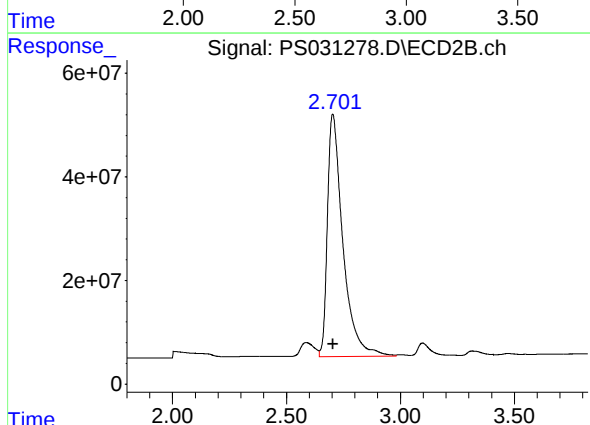
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 4309085015
Conc: 888.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

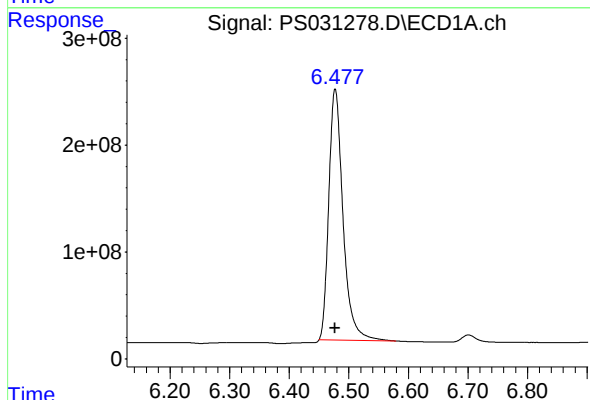
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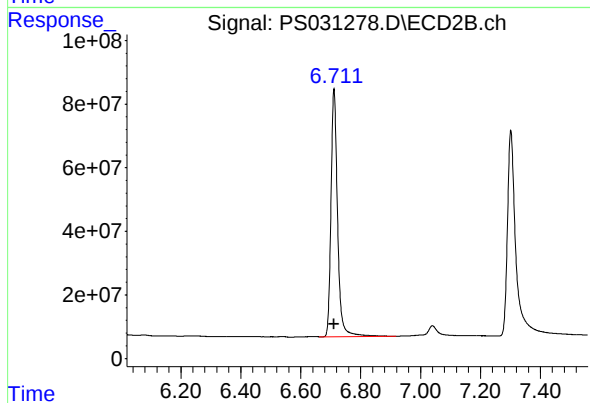
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 2208842238
Conc: 893.43 ng/ml



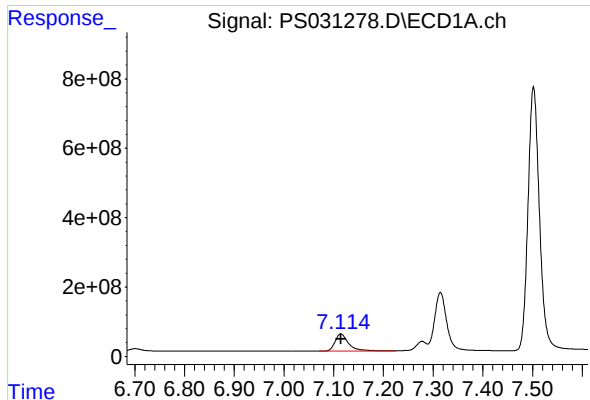
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 3892449718
Conc: 910.37 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 1185167593
Conc: 910.69 ng/ml



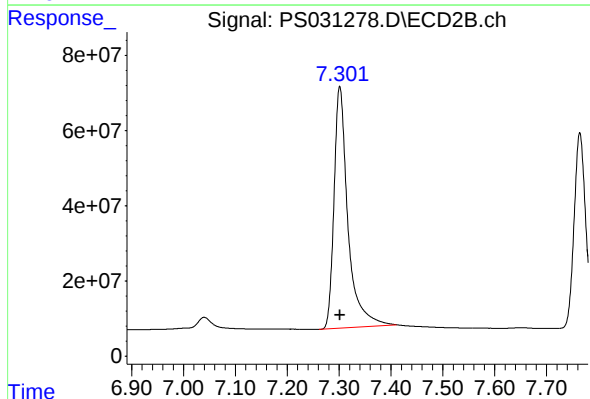
#3 4-Nitrophenol

R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 945718140
Conc: 934.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

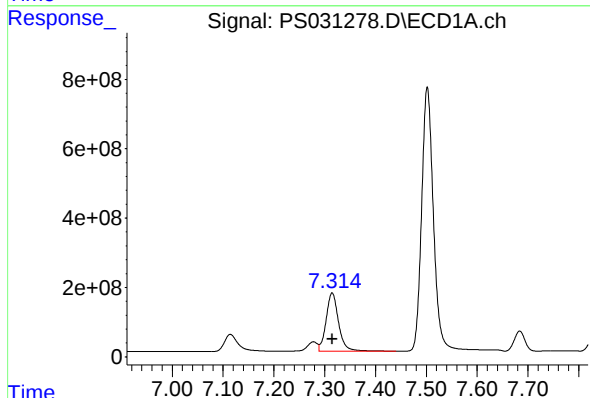
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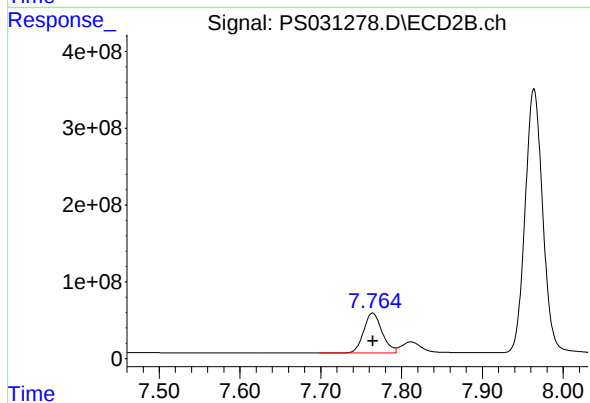
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 1196860488
Conc: 934.93 ng/ml



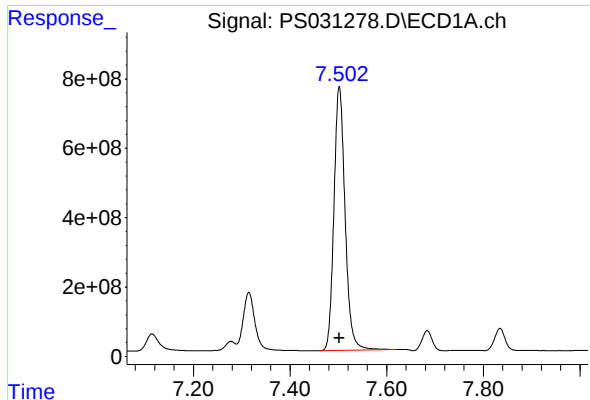
#4 2,4-DCAA

R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 2871353950
Conc: 976.79 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 820678916
Conc: 975.98 ng/ml



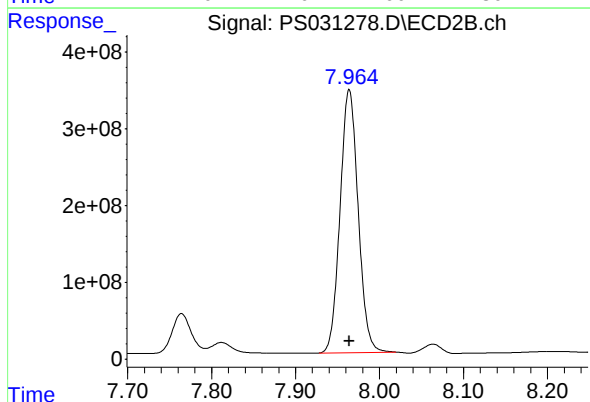
#5 DICAMBA

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 12163502764
Conc: 938.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

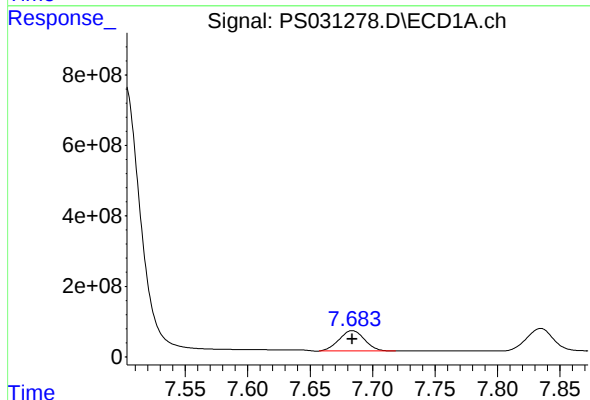
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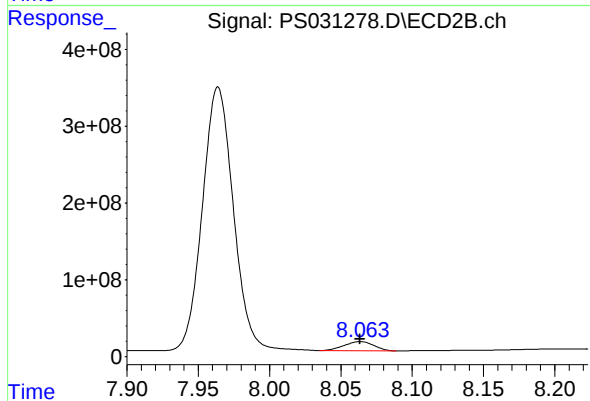
#5 DICAMBA

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 5140847446
Conc: 951.83 ng/ml



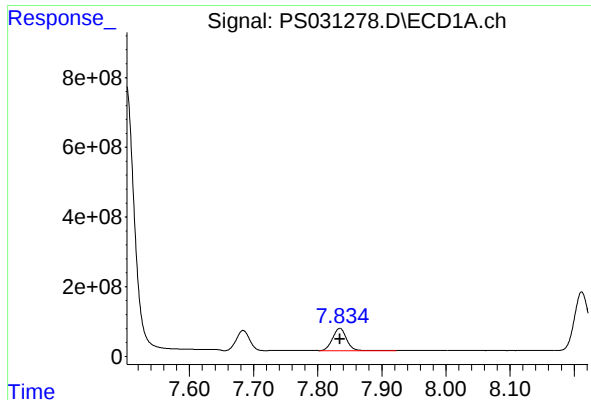
#6 MCPP

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 823569130
Conc: 106.27 ug/ml



#6 MCPP

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 177014824
Conc: 106.24 ug/ml m



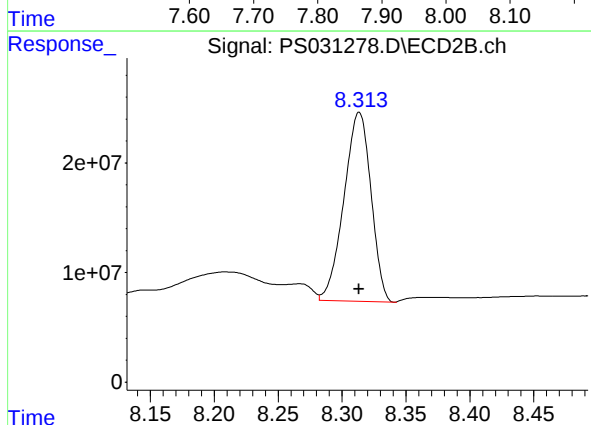
#7 MCPA

R.T.: 7.835 min
Delta R.T.: 0.000 min
Response: 965932209
Conc: 101.58 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

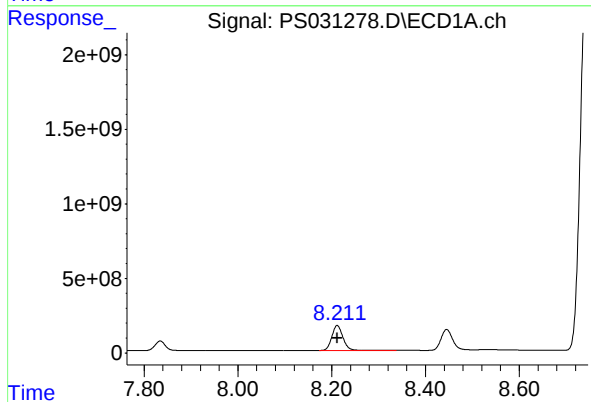
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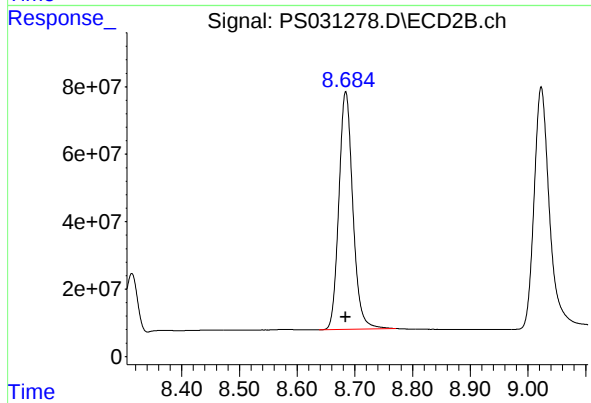
#7 MCPA

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 254466868
Conc: 99.71 ug/ml



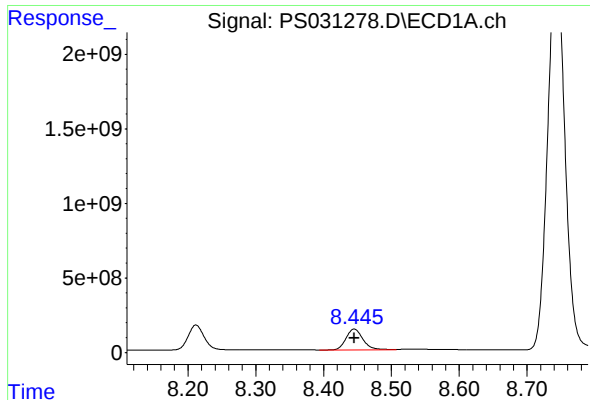
#8 DICHLORPROP

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2772273214
Conc: 900.89 ng/ml



#8 DICHLORPROP

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 1187230817
Conc: 903.25 ng/ml



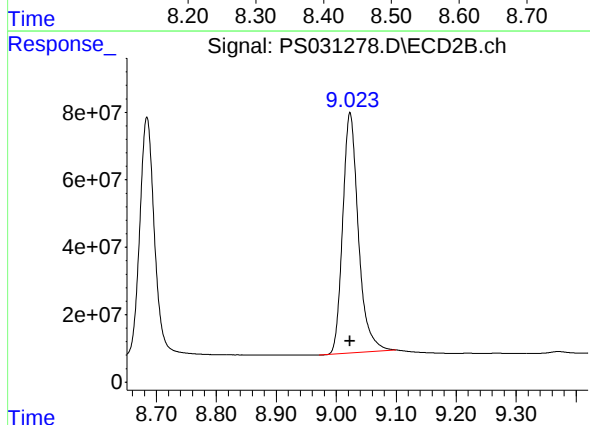
#9 2,4-D

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 2472198386
Conc: 956.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

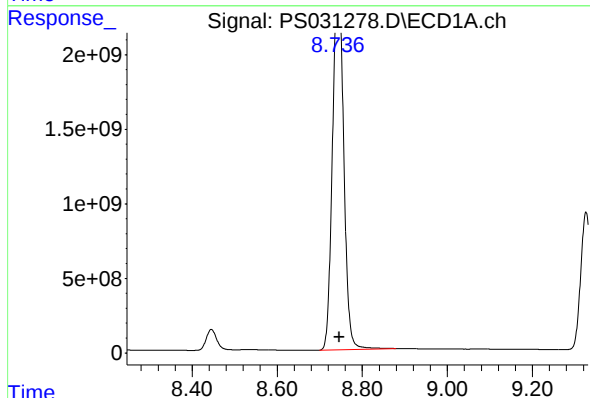
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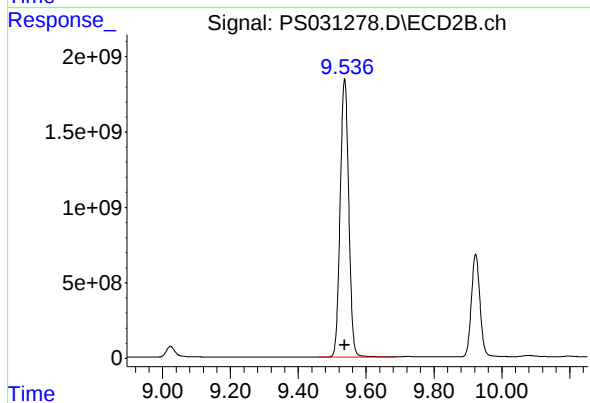
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 1298123588
Conc: 925.64 ng/ml



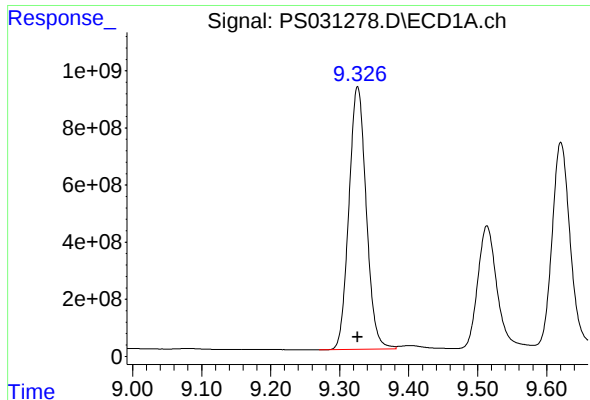
#10 Pentachlorophenol

R.T.: 8.746 min
Delta R.T.: 0.000 min
Response: 43280075699
Conc: 904.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.537 min
Delta R.T.: 0.000 min
Response: 32447110854
Conc: 950.07 ng/ml



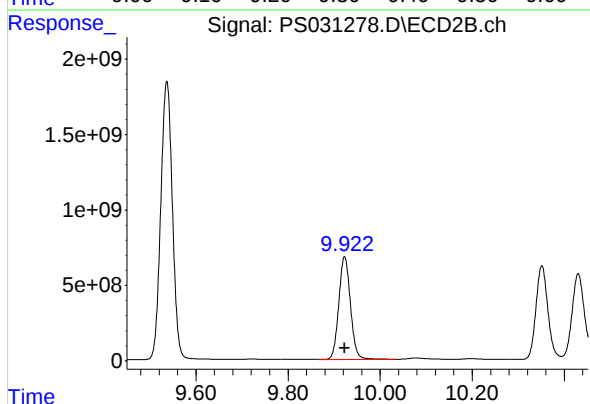
#11 2,4,5-TP (SILVEX)

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 16047709702
Conc: 961.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

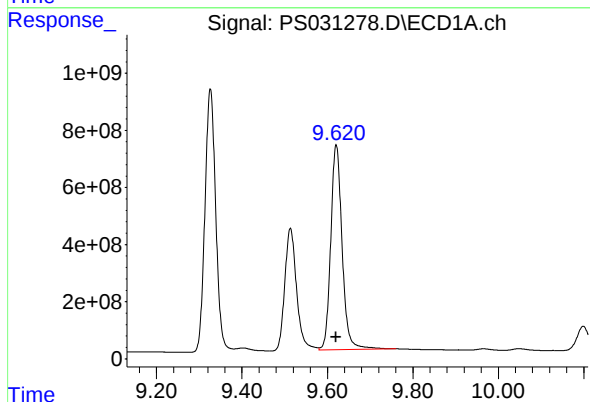
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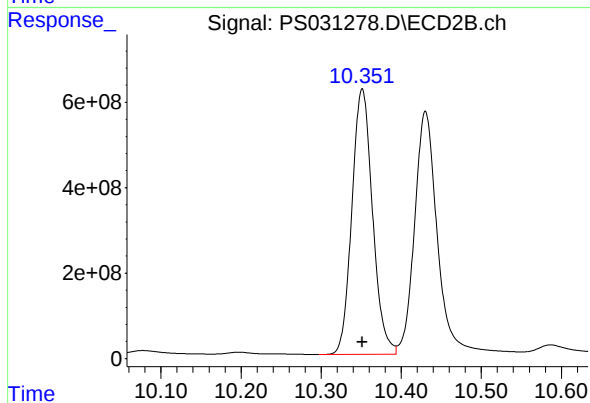
#11 2,4,5-TP (SILVEX)

R.T.: 9.923 min
Delta R.T.: 0.000 min
Response: 11999548995
Conc: 937.57 ng/ml



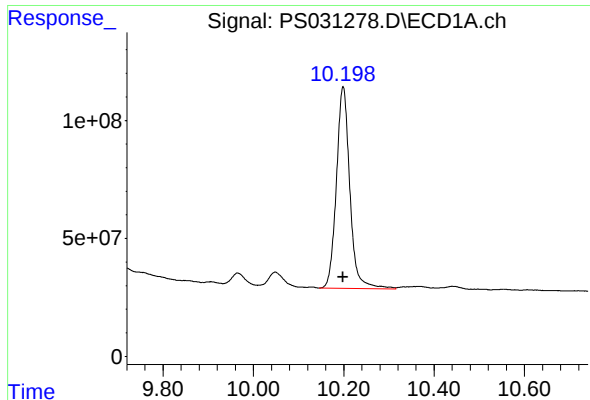
#12 2,4,5-T

R.T.: 9.621 min
Delta R.T.: 0.000 min
Response: 13235545336
Conc: 1006.55 ng/ml



#12 2,4,5-T

R.T.: 10.351 min
Delta R.T.: 0.000 min
Response: 11142285449
Conc: 952.41 ng/ml



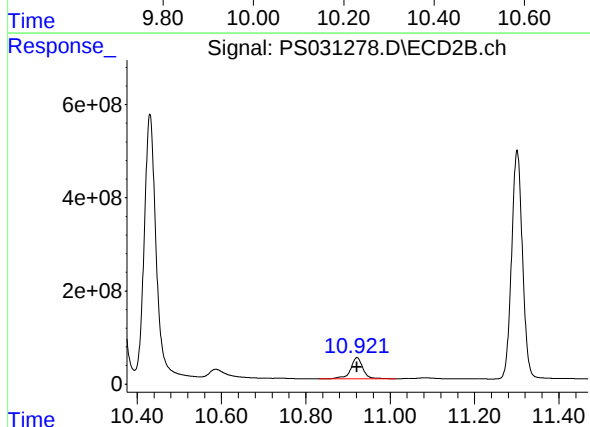
#13 2,4-DB

R.T.: 10.199 min
Delta R.T.: 0.000 min
Response: 1764874632
Conc: 1036.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

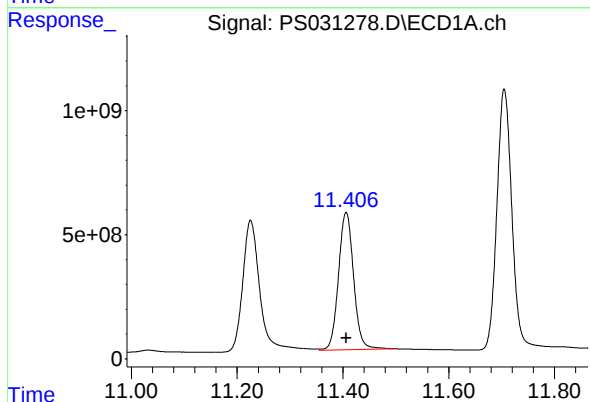
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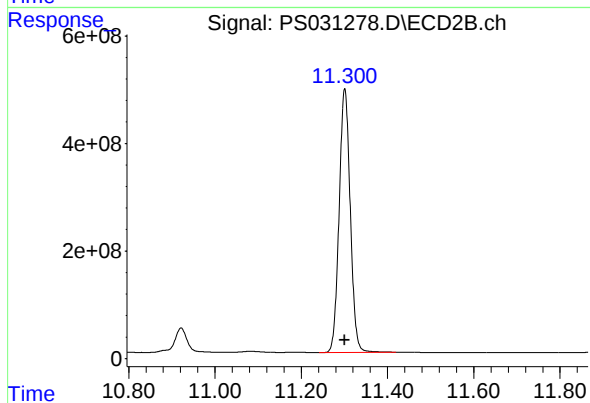
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: 0.000 min
Response: 929079368
Conc: 964.18 ng/ml



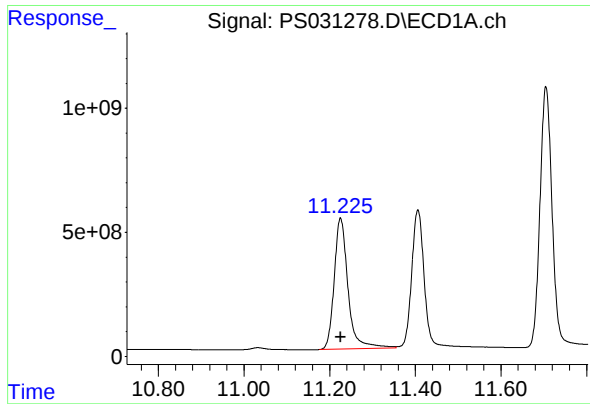
#14 DINOSEB

R.T.: 11.406 min
Delta R.T.: 0.000 min
Response: 10986145370
Conc: 958.87 ng/ml



#14 DINOSEB

R.T.: 11.301 min
Delta R.T.: 0.000 min
Response: 8765883583
Conc: 935.21 ng/ml



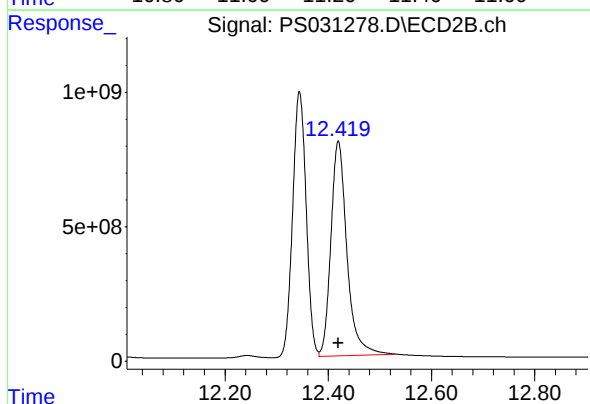
#15 Picloram

R.T.: 11.225 min
Delta R.T.: 0.000 min
Response: 11830164566
Conc: 1033.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

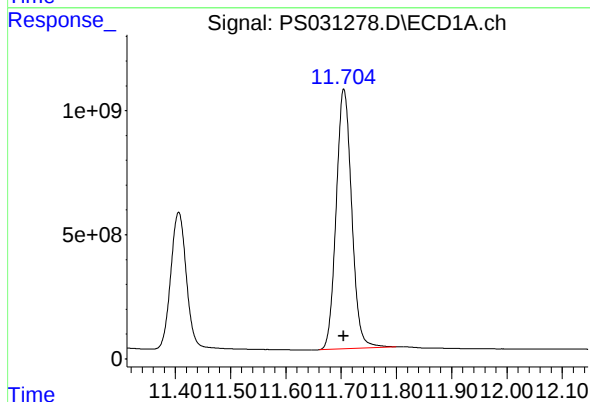
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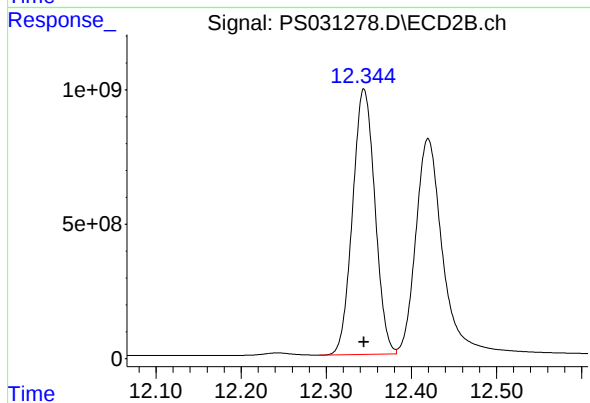
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 17241160926
Conc: 1033.86 ng/ml



#16 DCPA

R.T.: 11.705 min
Delta R.T.: 0.000 min
Response: 20376254849
Conc: 982.68 ng/ml



#16 DCPA

R.T.: 12.344 min
Delta R.T.: 0.000 min
Response: 17998523325
Conc: 960.68 ng/ml