

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 11:43
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:14:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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 x 0.5 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	7.368	7.773	1872.6E6	533.1E6	511.607m	520.170
Target Compounds							
1) T	Dalapon	2.717	2.710	2560.4E6	1234.9E6	467.947	465.766
2) T	3,5-DICHL...	6.524	6.716	2562.3E6	728.7E6	485.913	481.317
3) T	4-Nitroph...	7.167	7.303	829.3E6	702.4E6	464.307	460.071
5) T	DICAMBA	7.561	7.977	7300.1E6	3000.7E6	482.484	476.337
6) T	MCPD	7.743	8.075	450.4E6	107.6E6	45.195	46.603
7) T	MCPA	7.893	8.324	573.4E6	134.2E6	45.768	45.169
8) T	DICHLORPROP	8.278	8.698	1709.6E6	695.7E6	486.246	486.593
9) T	2,4-D	8.511	9.034	1715.8E6	740.4E6	482.111	486.207
10) T	Pentachlo...	8.820	9.560	26104.6E6	17662.2E6	504.340	489.472
11) T	2,4,5-TP ...	9.403	9.942	9941.8E6	6572.8E6	488.131	488.344
12) T	2,4,5-T	9.698	10.368	8761.4E6	6236.1E6	479.003	486.370
13) T	2,4-DB	10.278	10.935	1410.7E6	546.0E6	469.574	488.442
14) T	DINOSEB	11.502	11.321	6808.6E6	4715.9E6	481.689	478.292
15) T	Picloram	11.307	12.429	9323.8E6	10433.3E6	469.492	474.467
16) T	DCPA	11.797	12.366	12966.1E6	9972.2E6	497.571	493.358

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

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Acq On : 04 Jun 2025 11:43
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

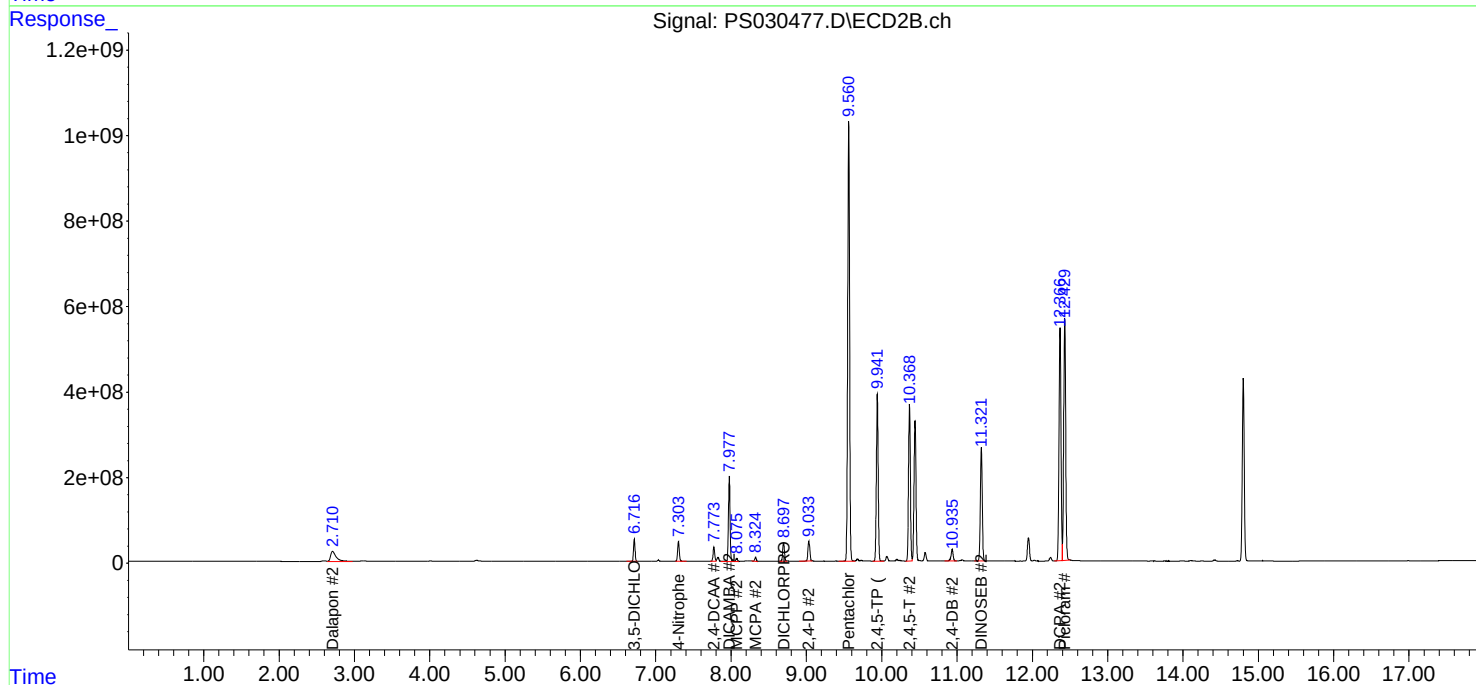
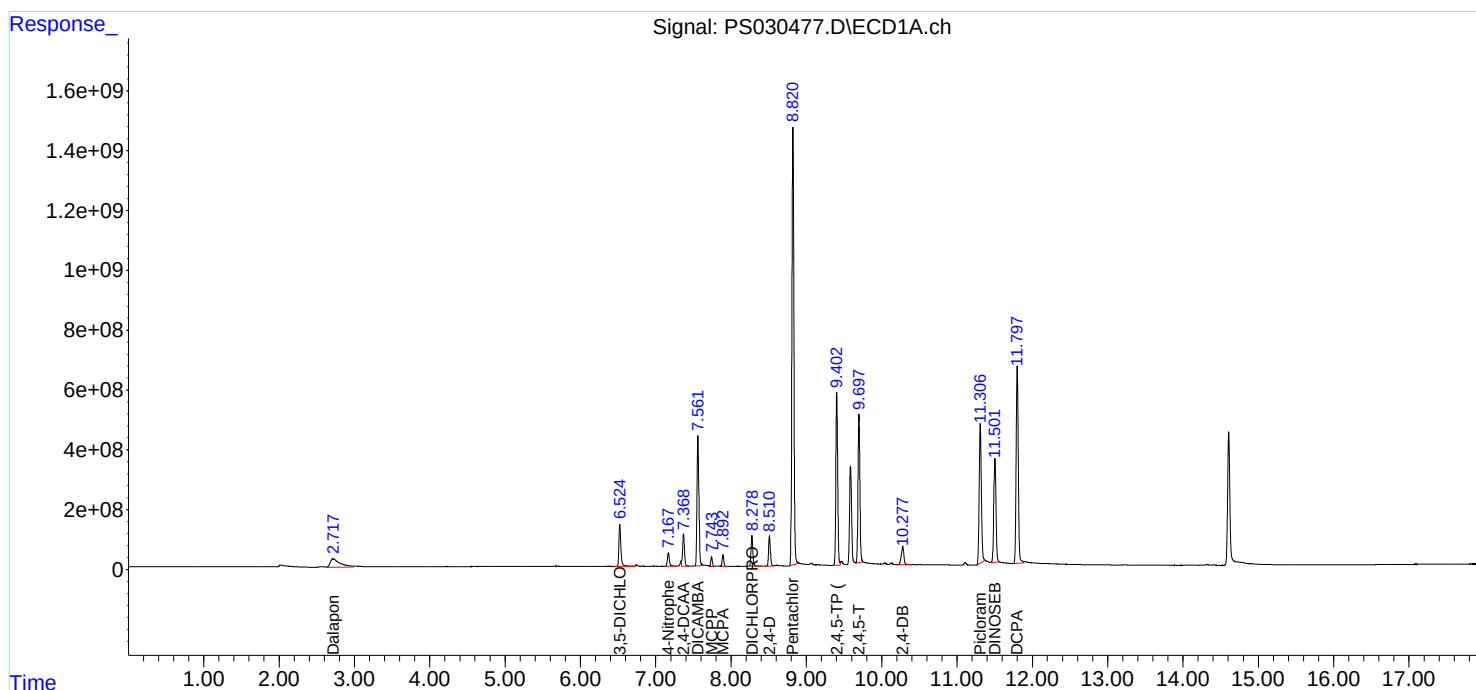
Instrument :
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ClientSampleId :
HSTDICC500

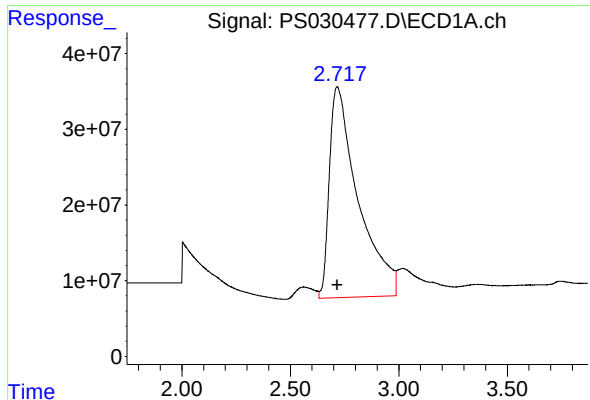
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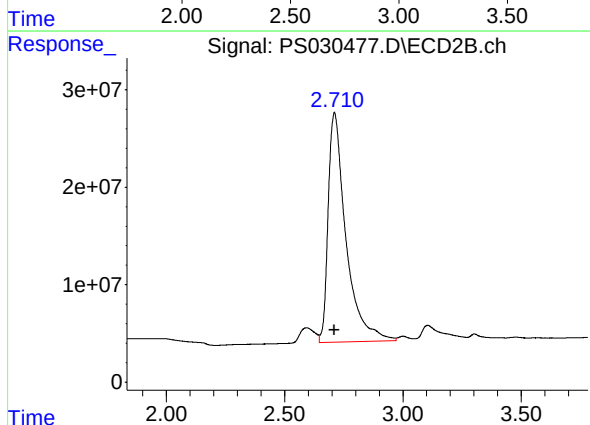
#1 Dalapon

R.T.: 2.717 min
Delta R.T.: 0.000 min
Response: 2560362779
Conc: 467.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

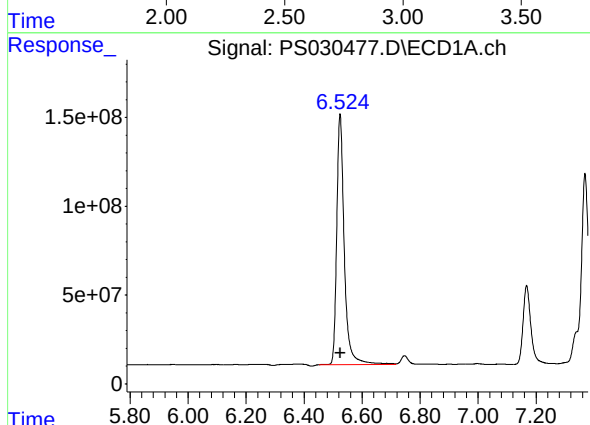
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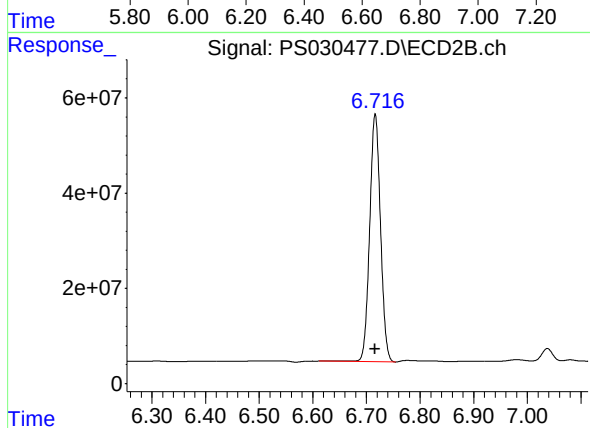
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1234895099
Conc: 465.77 ng/ml



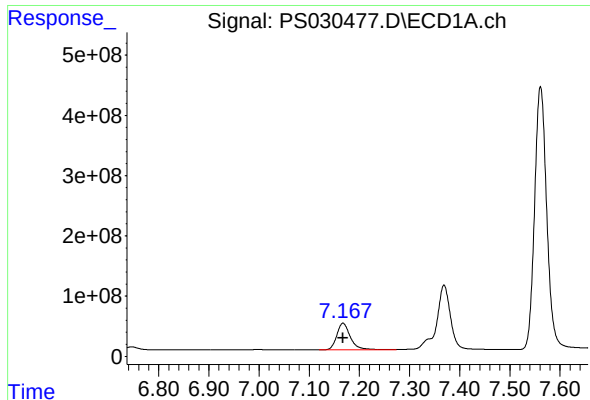
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 2562332025
Conc: 485.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 728684372
Conc: 481.32 ng/ml



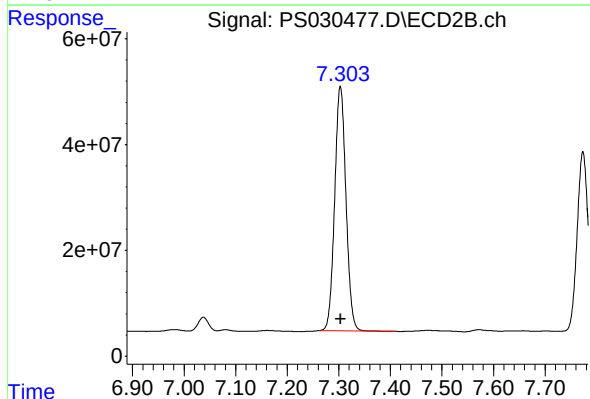
#3 4-Nitrophenol

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 829294425
Conc: 464.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

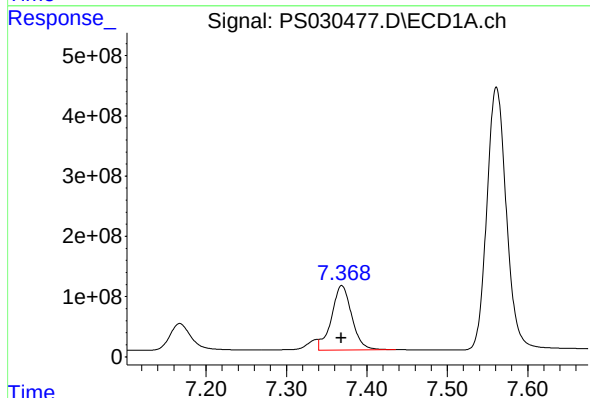
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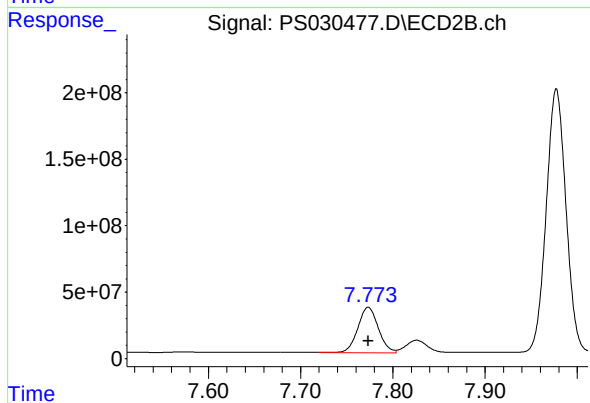
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 702389963
Conc: 460.07 ng/ml



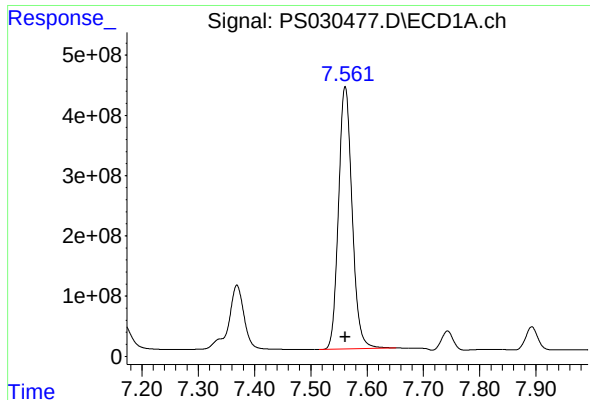
#4 2,4-DCAA

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 1872579825
Conc: 511.61 ng/ml m



#4 2,4-DCAA

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 533080640
Conc: 520.17 ng/ml



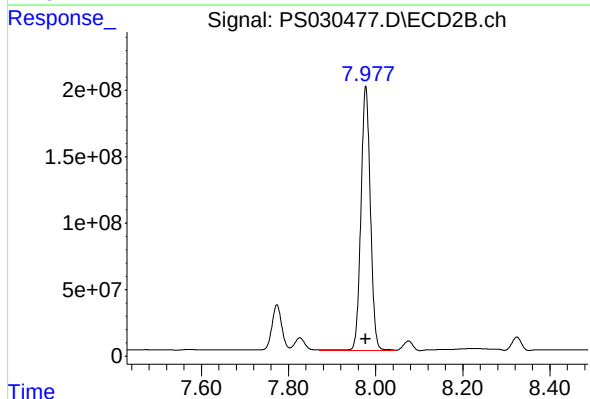
#5 DICAMBA

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 7300106712
Conc: 482.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

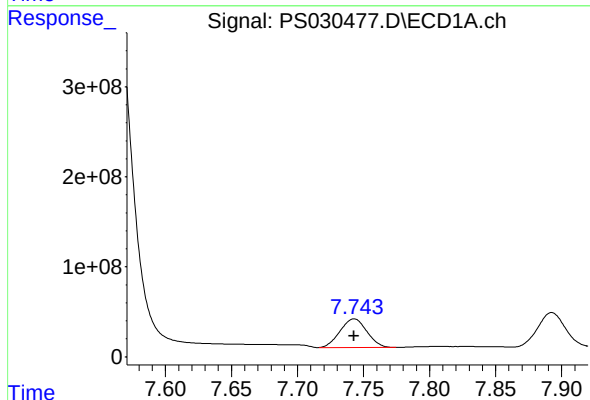
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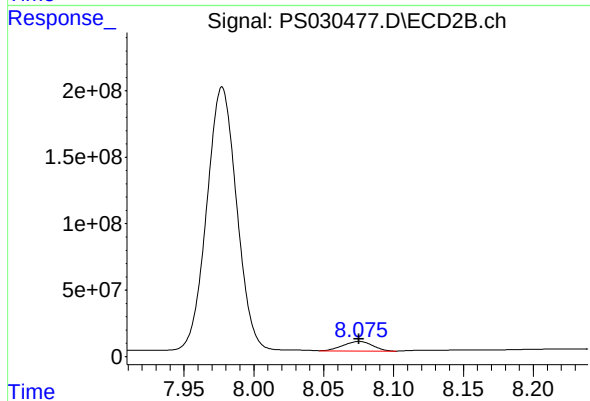
#5 DICAMBA

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 3000653584
Conc: 476.34 ng/ml



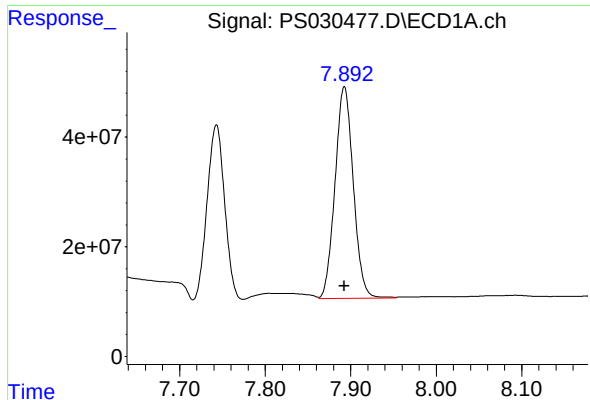
#6 MCPP

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 450402815
Conc: 45.19 ug/ml



#6 MCPP

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 107608065
Conc: 46.60 ug/ml



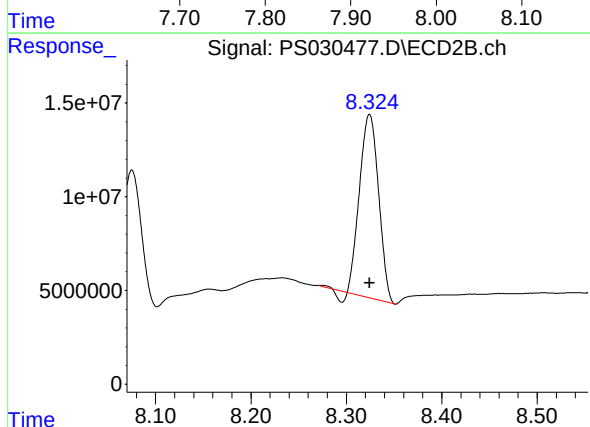
#7 MCPA

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 573437736
Conc: 45.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

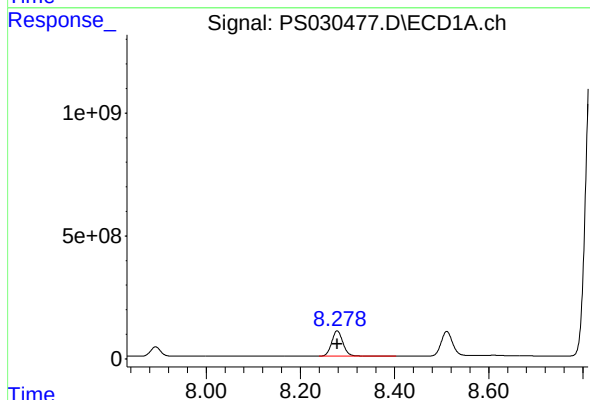
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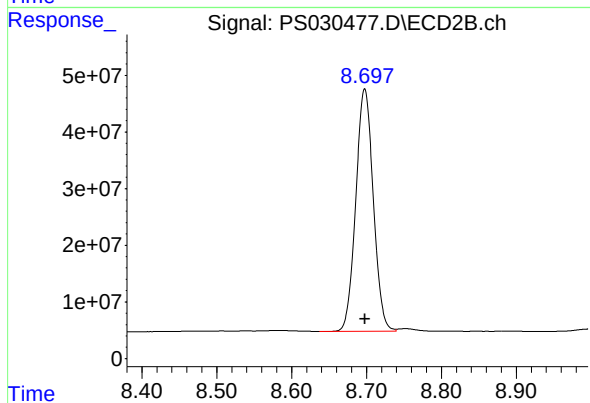
#7 MCPA

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 134163811
Conc: 45.17 ug/ml



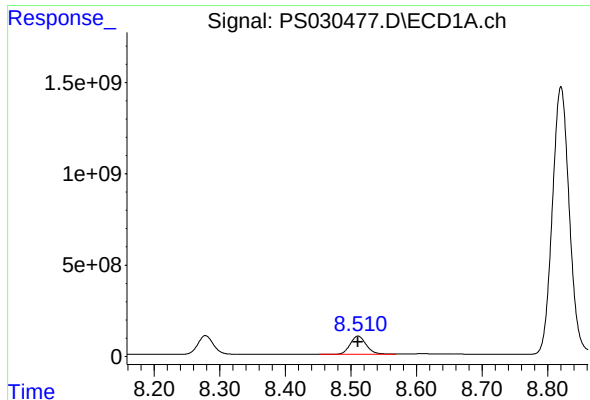
#8 DICHLORPROP

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 1709645351
Conc: 486.25 ng/ml



#8 DICHLORPROP

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 695685093
Conc: 486.59 ng/ml



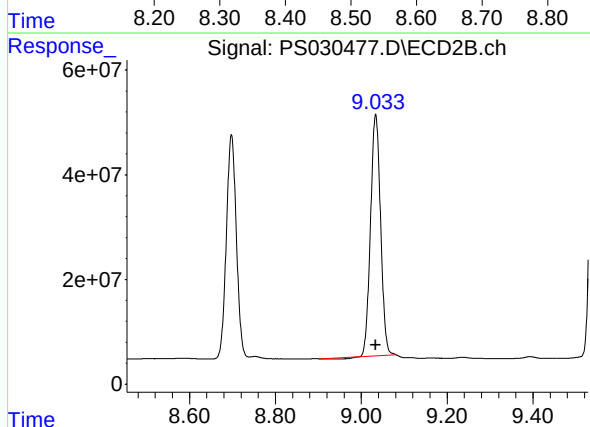
#9 2,4-D

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 1715765445
Conc: 482.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

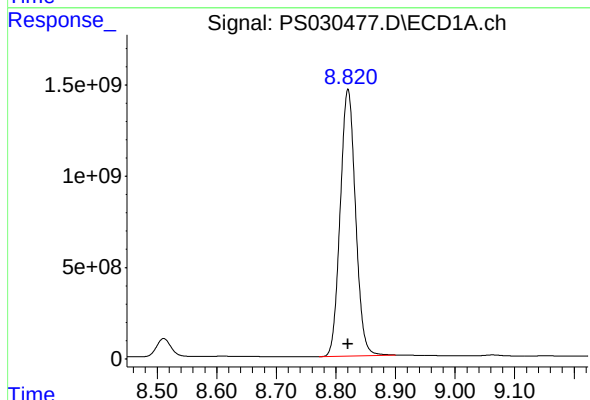
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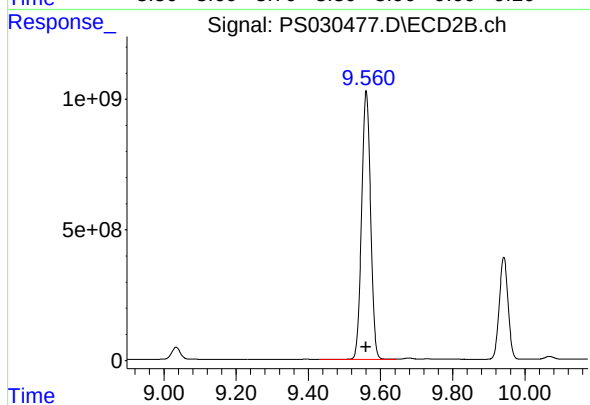
#9 2,4-D

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 740374075
Conc: 486.21 ng/ml



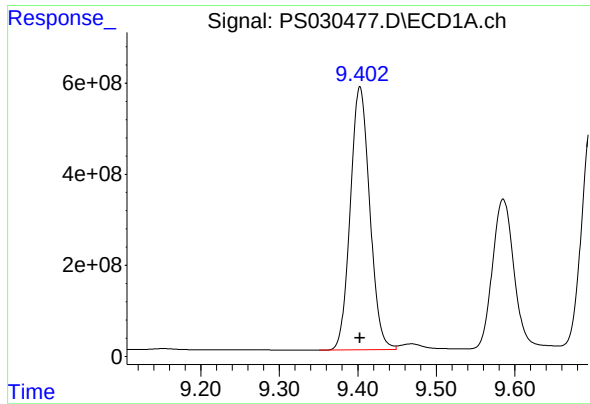
#10 Pentachlorophenol

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 26104603294
Conc: 504.34 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: 0.000 min
Response: 17662172152
Conc: 489.47 ng/ml



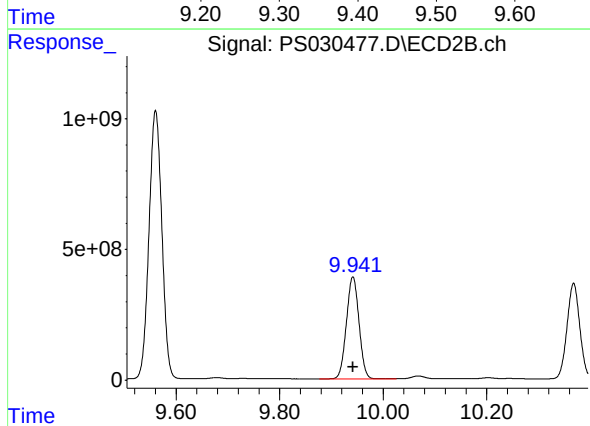
#11 2,4,5-TP (SILVEX)

R.T.: 9.403 min
Delta R.T.: 0.000 min
Response: 9941842250
Conc: 488.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

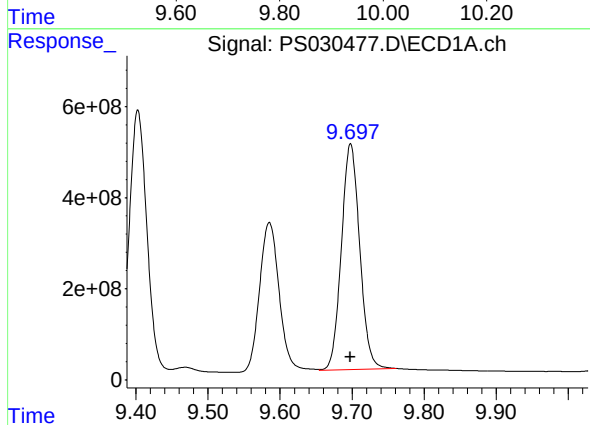
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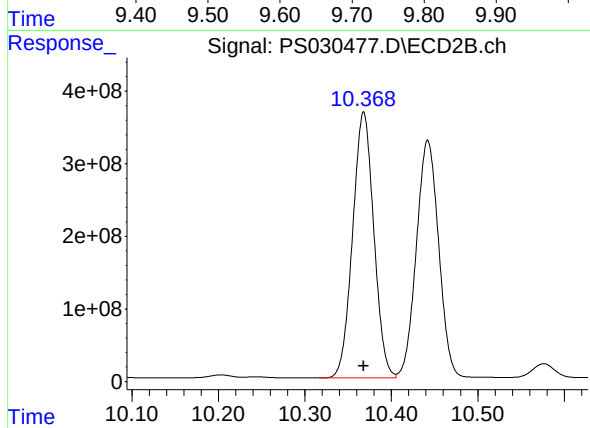
#11 2,4,5-TP (SILVEX)

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 6572793038
Conc: 488.34 ng/ml



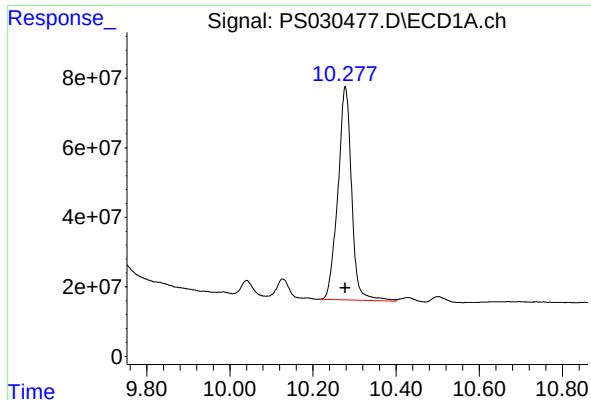
#12 2,4,5-T

R.T.: 9.698 min
Delta R.T.: 0.000 min
Response: 8761429194
Conc: 479.00 ng/ml



#12 2,4,5-T

R.T.: 10.368 min
Delta R.T.: 0.000 min
Response: 6236103287
Conc: 486.37 ng/ml



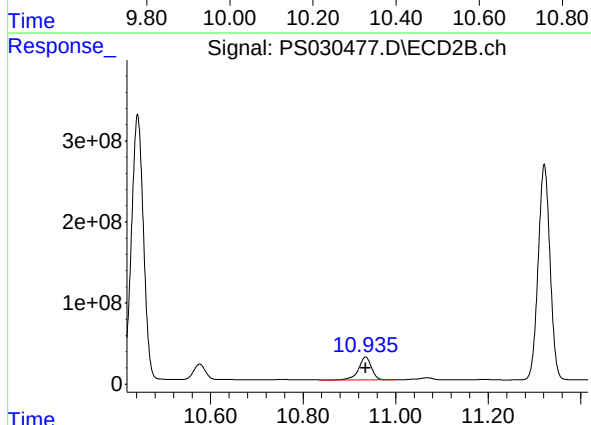
#13 2,4-DB

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 1410703579
Conc: 469.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

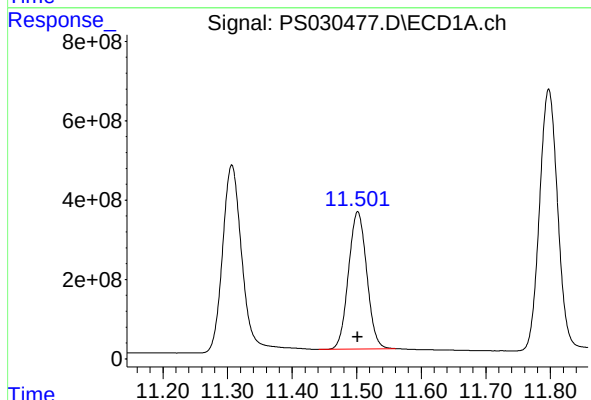
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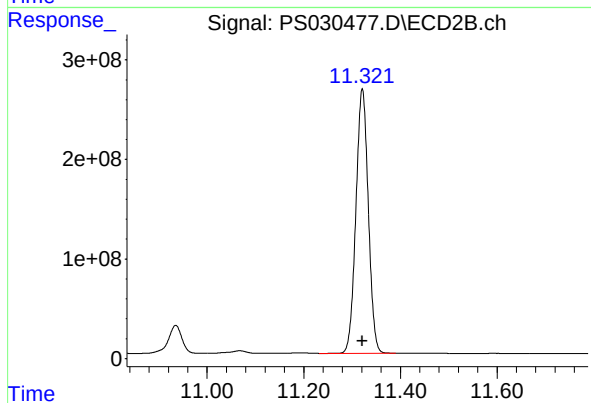
#13 2,4-DB

R.T.: 10.935 min
Delta R.T.: 0.000 min
Response: 545953017
Conc: 488.44 ng/ml



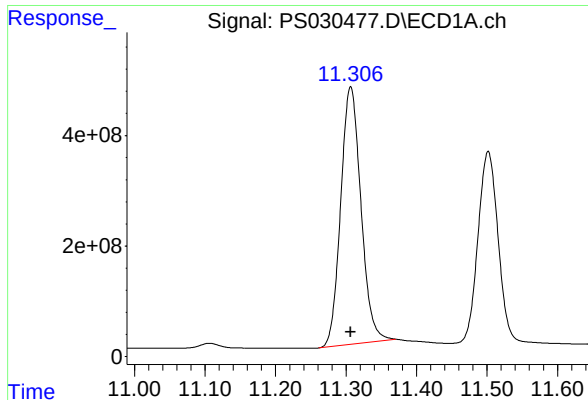
#14 DINOSEB

R.T.: 11.502 min
Delta R.T.: 0.000 min
Response: 6808573225
Conc: 481.69 ng/ml



#14 DINOSEB

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 4715865784
Conc: 478.29 ng/ml



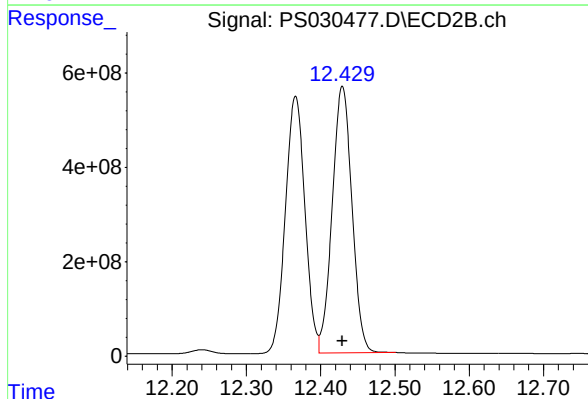
#15 Picloram

R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 9323819535
Conc: 469.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

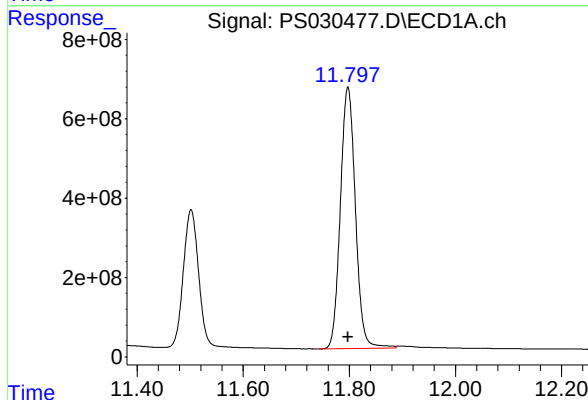
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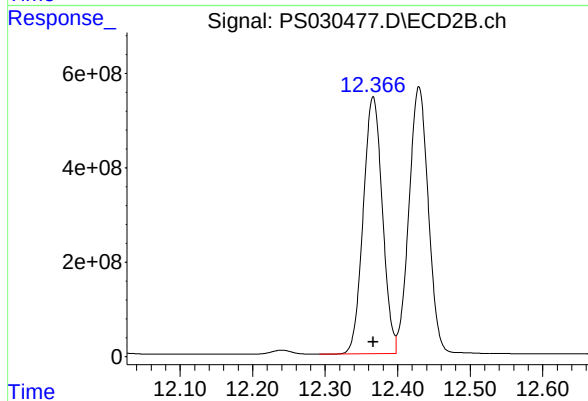
#15 Picloram

R.T.: 12.429 min
Delta R.T.: 0.000 min
Response: 10433311455
Conc: 474.47 ng/ml



#16 DCPA

R.T.: 11.797 min
Delta R.T.: 0.000 min
Response: 12966086678
Conc: 497.57 ng/ml



#16 DCPA

R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 9972175879
Conc: 493.36 ng/ml