

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030456.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 18:10
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 23:17:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	2924.0E6	943.2E6	721.538	741.243
Target Compounds							
1) T	Dalapon	2.313	2.407	4280.4E6	2245.8E6	643.482	646.460
2) T	3,5-DICHL...	5.966	6.320	4065.5E6	1238.7E6	676.126	696.294
3) T	4-Nitroph...	6.526	6.840	1574.5E6	1090.0E6	676.429	679.537
5) T	DICAMBA	6.904	7.482	11941.0E6	5603.2E6	690.793	708.367
6) T	MCP	7.083	7.593	795.1E6	209.6E6	71.939	69.423
7) T	MCPA	7.223	7.820	1001.7E6	271.0E6	70.745	66.889
8) T	DICHLORPROP	7.570	8.167	2816.2E6	1311.4E6	681.535	695.536
9) T	2,4-D	7.785	8.475	3024.2E6	1422.3E6	691.522	694.342
10) T	Pentachlo...	8.054	8.962	42236.8E6	29098.1E6	721.935	727.541
11) T	2,4,5-TP ...	8.608	9.343	17209.7E6	11634.4E6	699.099	710.871
12) T	2,4,5-T	8.884	9.743	15906.0E6	10519.7E6	711.697	712.477
13) T	2,4-DB	9.433	10.296	2577.3E6	960.0E6	735.553	698.454
14) T	DINOSEB	10.573	10.664	12631.8E6	7748.3E6	677.424	683.459
15) T	Picloram	10.394	11.681	20093.7E6	18064.4E6	730.894	722.158m
16) T	DCPA	10.874	11.681	21526.2E6	17445.6E6	701.479	795.299m

(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 : 3 Sample Multiplier: 1

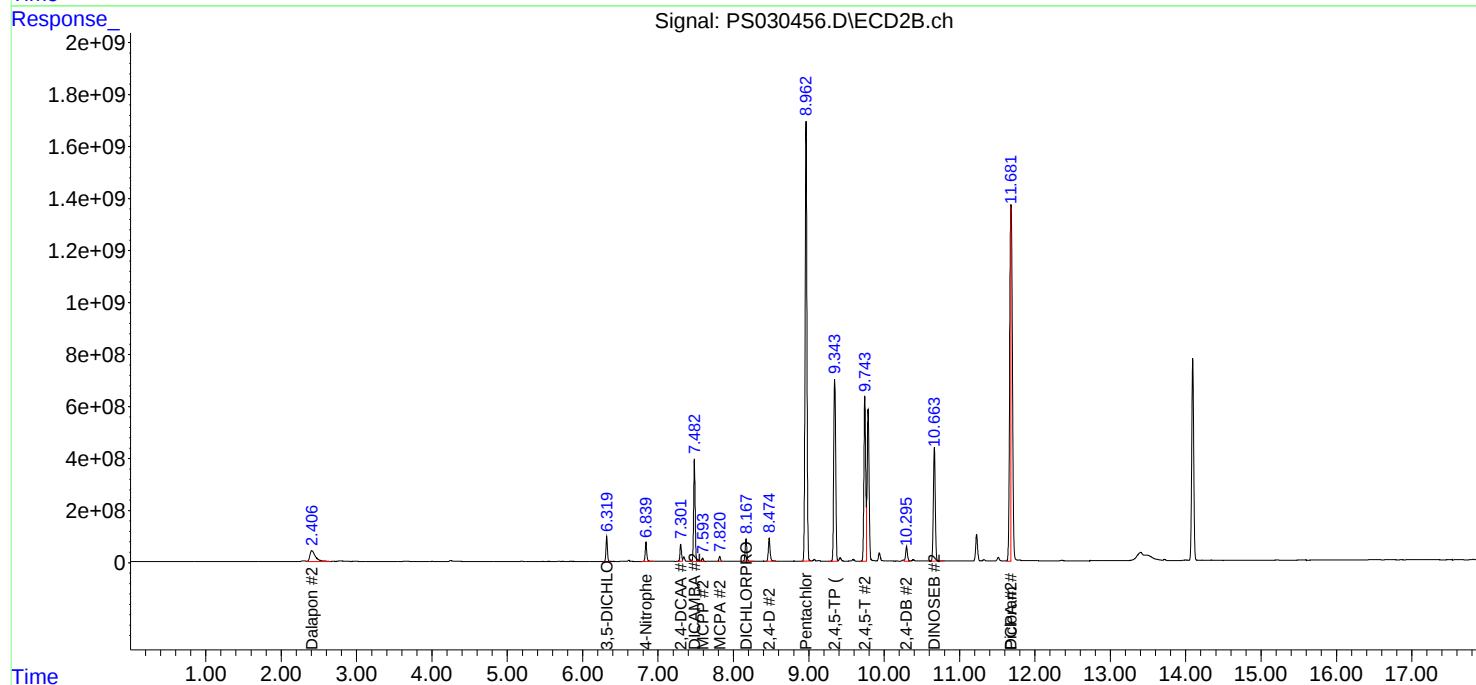
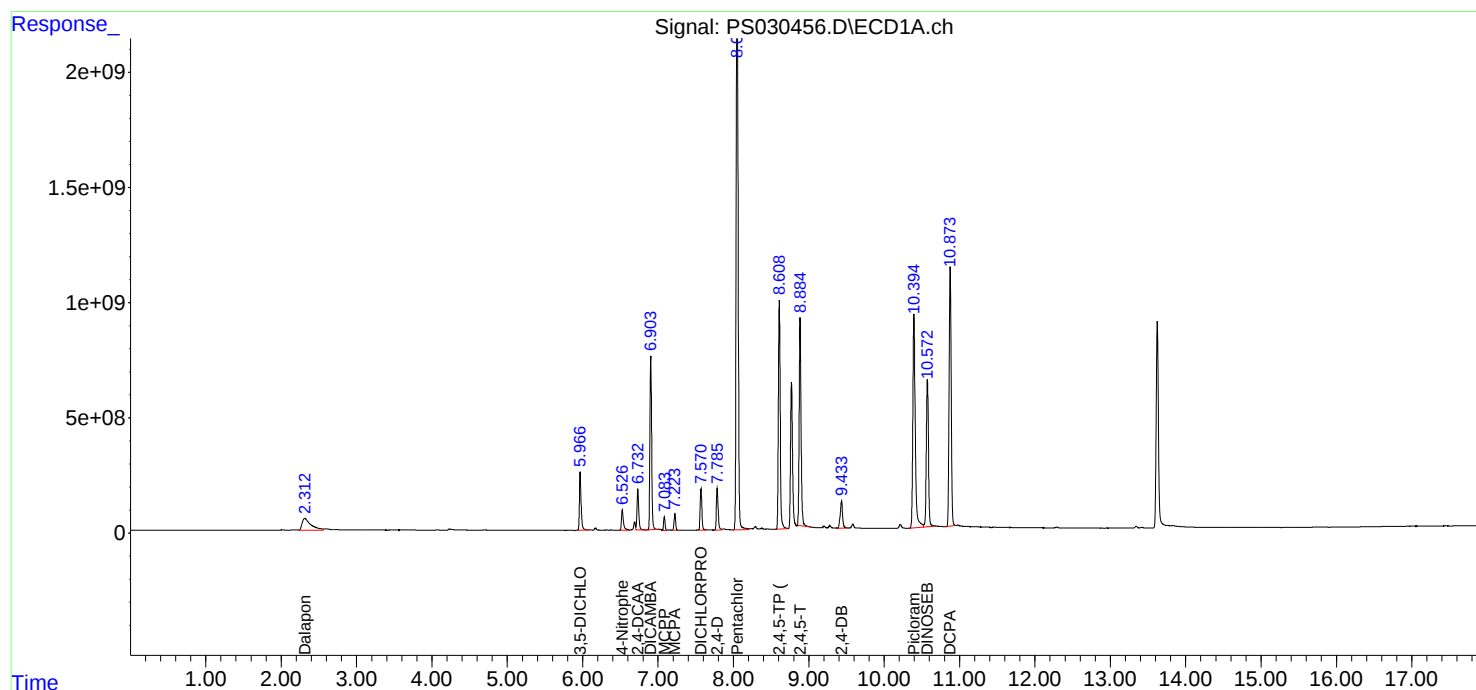
Instrument :
ECD_S
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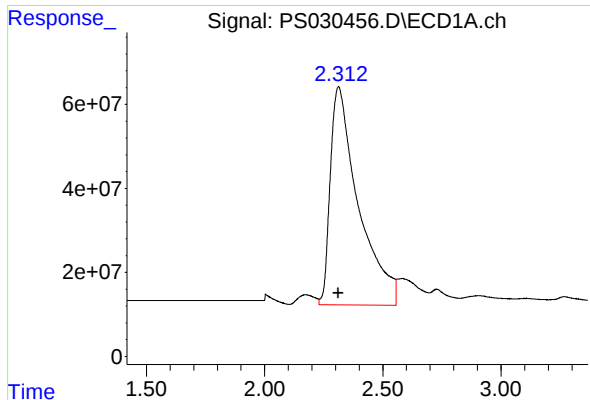
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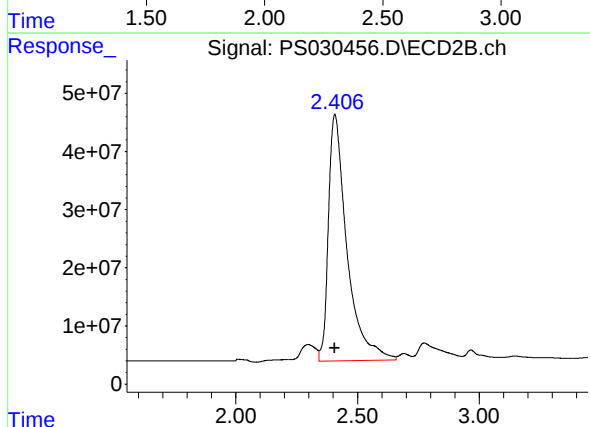
#1 Dalapon

R.T.: 2.313 min
Delta R.T.: 0.000 min
Response: 4280396520
Conc: 643.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

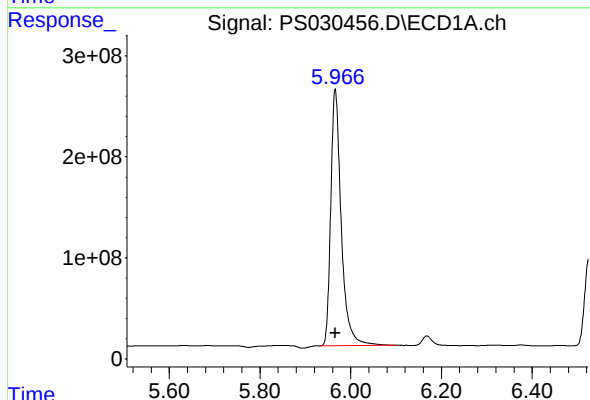
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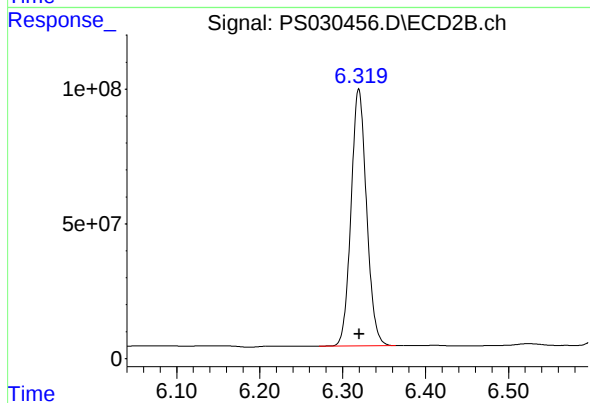
#1 Dalapon

R.T.: 2.407 min
Delta R.T.: 0.000 min
Response: 2245827074
Conc: 646.46 ng/ml



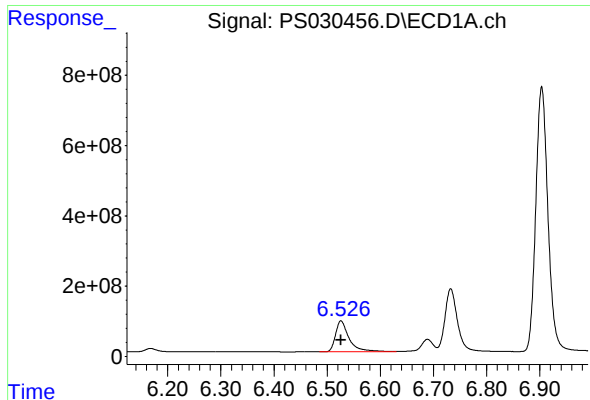
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 4065500037
Conc: 676.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 1238702922
Conc: 696.29 ng/ml



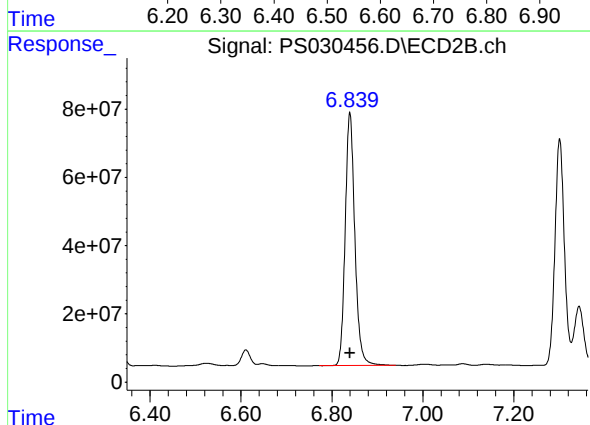
#3 4-Nitrophenol

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1574479125
Conc: 676.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

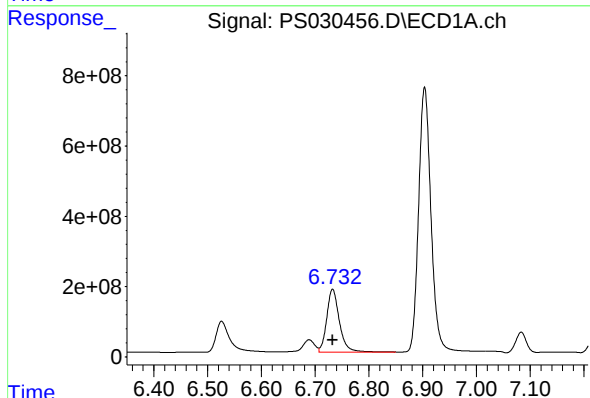
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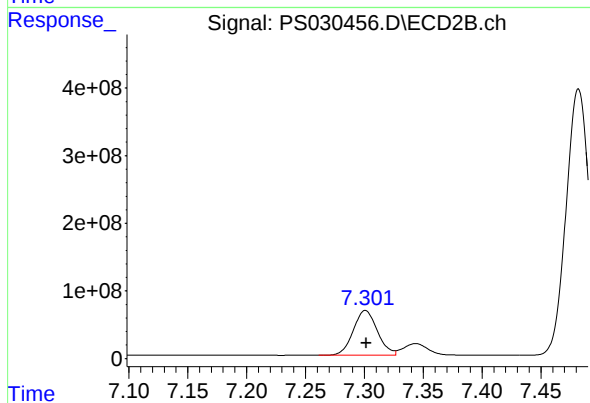
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 1089987634
Conc: 679.54 ng/ml



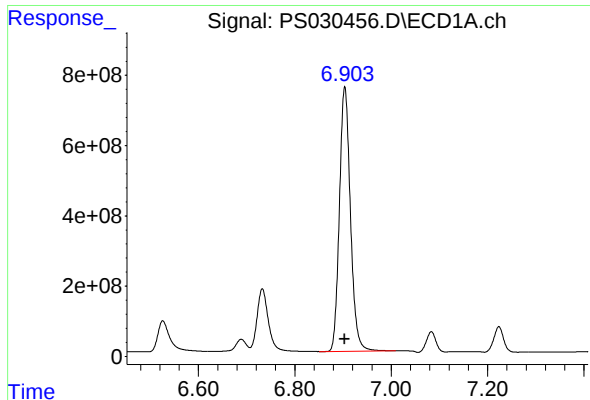
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2923975328
Conc: 721.54 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 943205577
Conc: 741.24 ng/ml



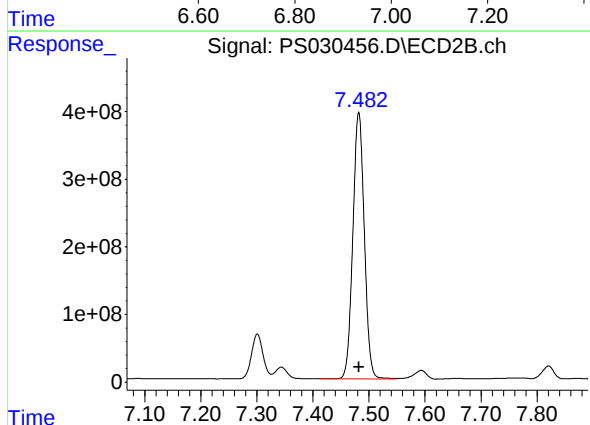
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 11940952093
Conc: 690.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

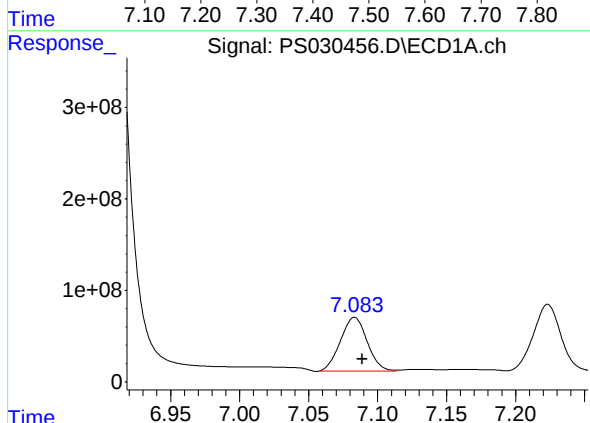
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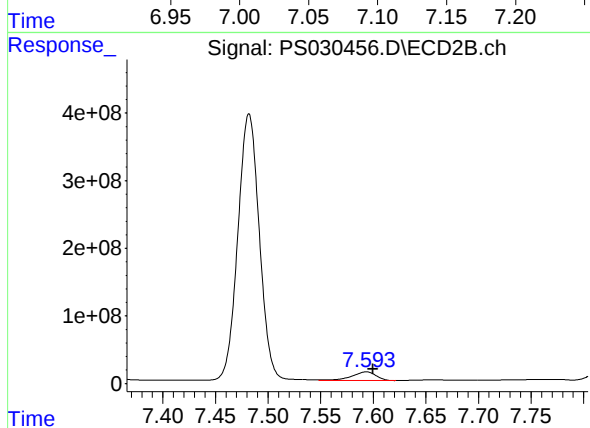
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 5603172752
Conc: 708.37 ng/ml



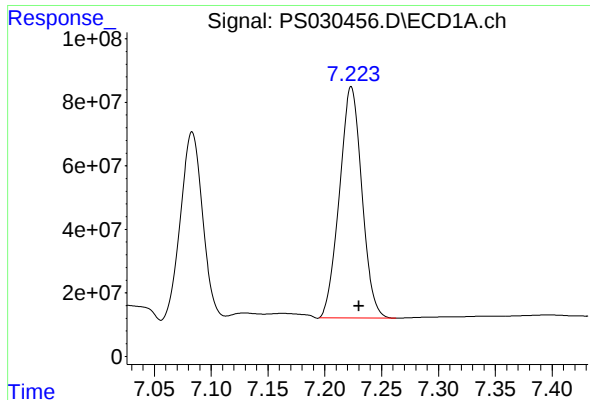
#6 MCPP

R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 795051923
Conc: 71.94 ug/ml



#6 MCPP

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 209558257
Conc: 69.42 ug/ml



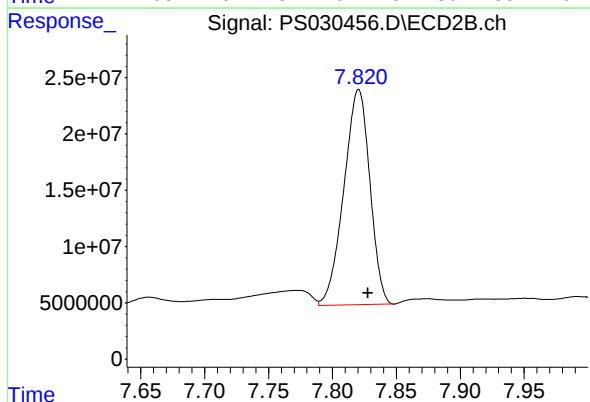
#7 MCPA

R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 1001715741
Conc: 70.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

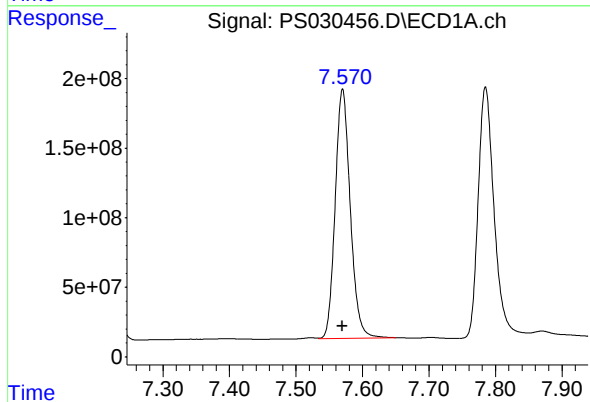
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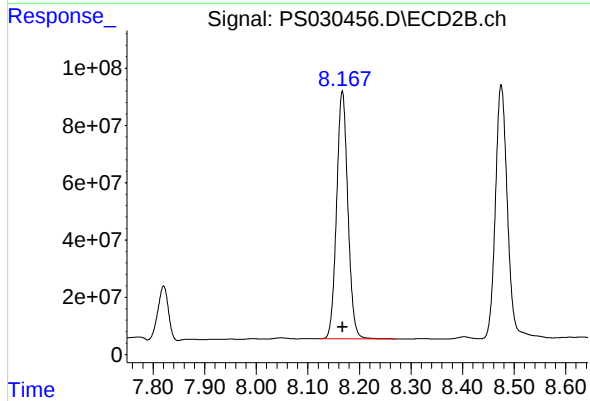
#7 MCPA

R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 271030479
Conc: 66.89 ug/ml



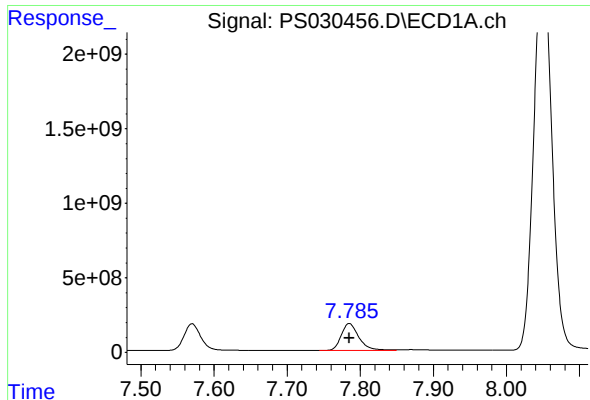
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 2816222605
Conc: 681.54 ng/ml



#8 DICHLORPROP

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 1311401588
Conc: 695.54 ng/ml



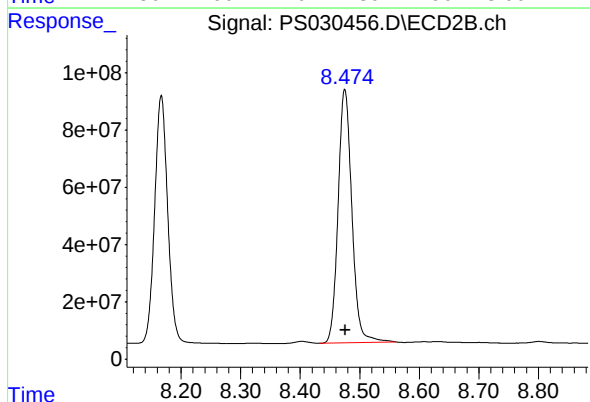
#9 2,4-D

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 3024249957
Conc: 691.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

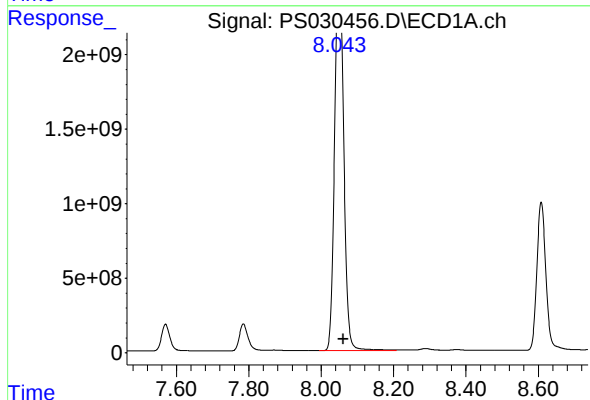
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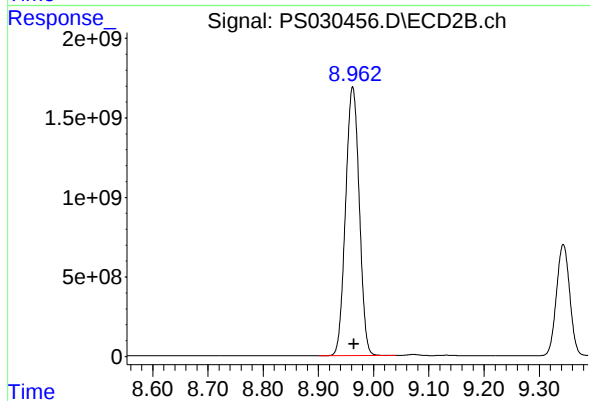
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 1422294602
Conc: 694.34 ng/ml



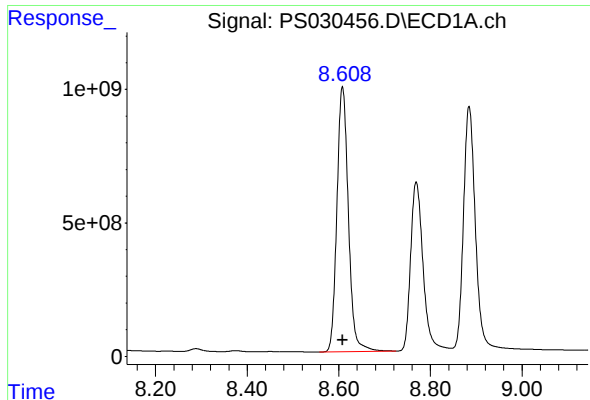
#10 Pentachlorophenol

R.T.: 8.054 min
Delta R.T.: -0.007 min
Response: 42236815542
Conc: 721.93 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 29098068129
Conc: 727.54 ng/ml



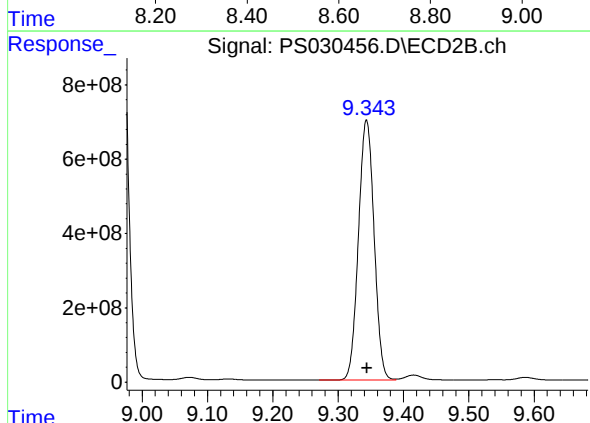
#11 2,4,5-TP (SILVEX)

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 17209680223
Conc: 699.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

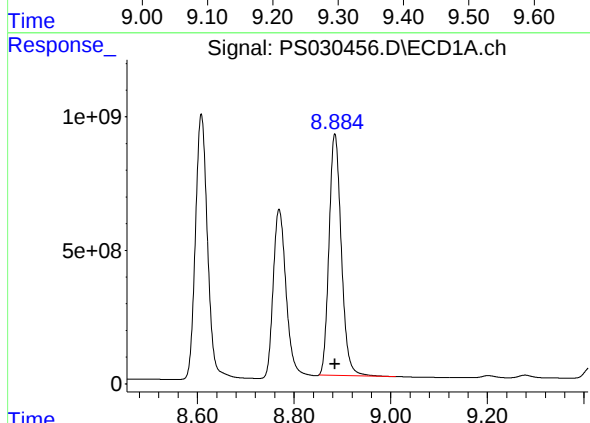
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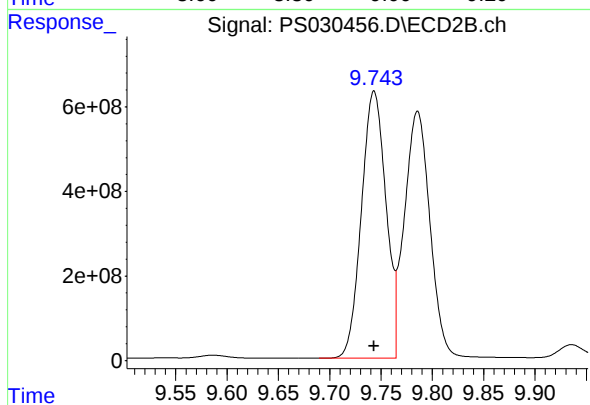
#11 2,4,5-TP (SILVEX)

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 11634380341
Conc: 710.87 ng/ml



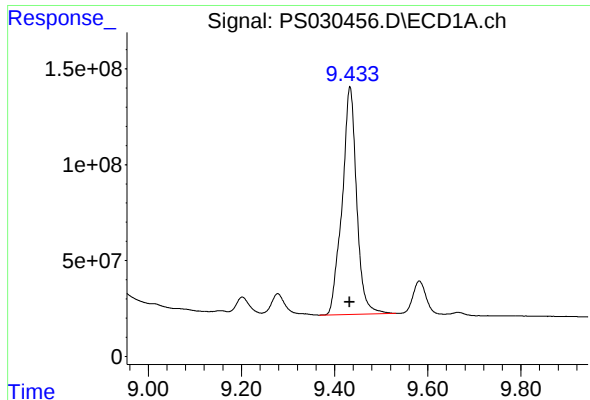
#12 2,4,5-T

R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 15906015319
Conc: 711.70 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 10519696394
Conc: 712.48 ng/ml



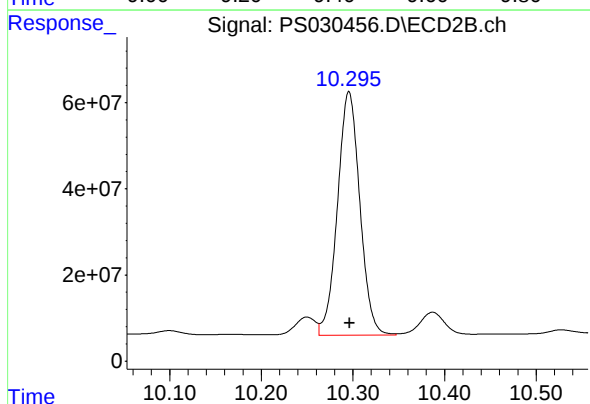
#13 2,4-DB

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 2577312376
Conc: 735.55 ng/ml

Instrument :
ECD_S
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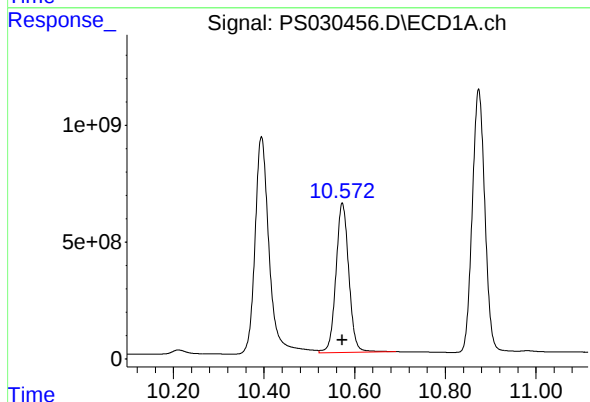
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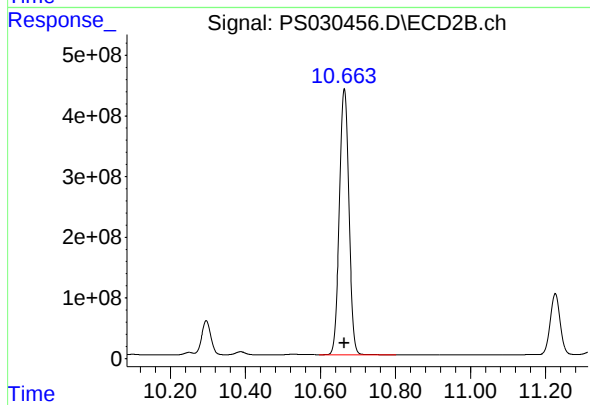
#13 2,4-DB

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 959956602
Conc: 698.45 ng/ml



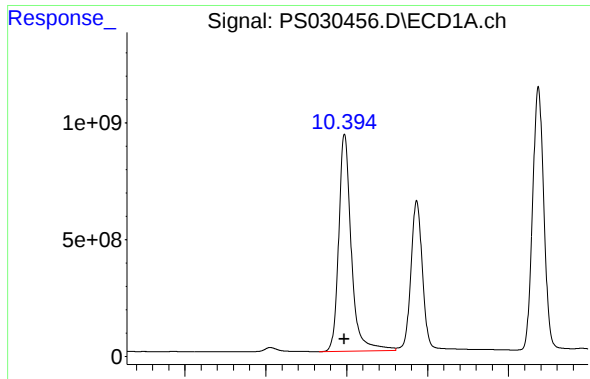
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 12631767544
Conc: 677.42 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 7748346887
Conc: 683.46 ng/ml



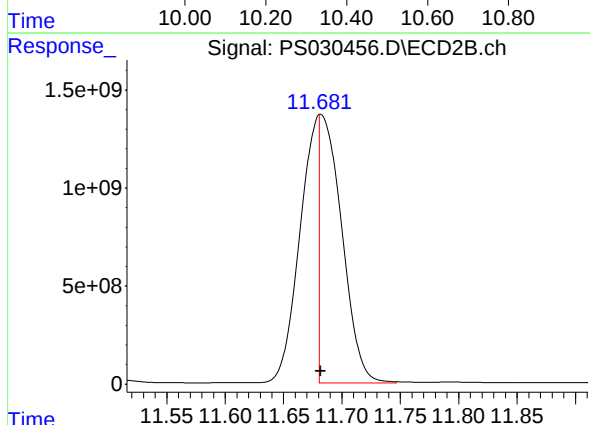
#15 Picloram

R.T.: 10.394 min
Delta R.T.: 0.000 min
Response: 20093744041
Conc: 730.89 ng/ml

Instrument :
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ClientSampleId :
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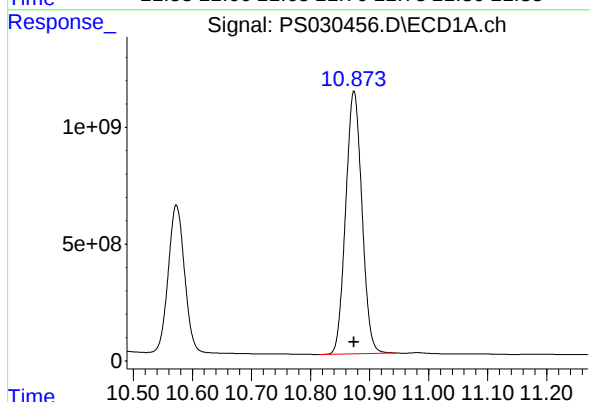
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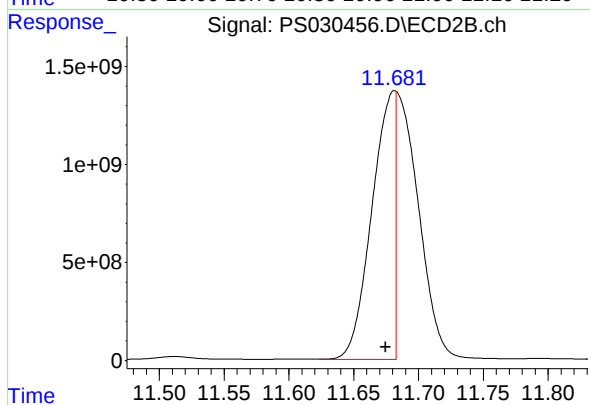
#15 Picloram

R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 18064352574
Conc: 722.16 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 21526215903
Conc: 701.48 ng/ml



#16 DCPA

R.T.: 11.681 min
Delta R.T.: 0.006 min
Response: 17445616021
Conc: 795.30 ng/ml m