

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2025 00:37
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 03:35:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.290	7.745	2302.3E6	608.3E6	725.354m	719.584
Target Compounds							
1) T	Dalapon	2.676	2.696	3252.2E6	1663.6E6	619.592	625.182
2) T	3,5-DICHL...	6.457	6.696	3223.3E6	890.4E6	683.143	658.590
3) T	4-Nitroph...	7.093	7.286	791.4E6	855.4E6	767.125m	680.532m
5) T	DICAMBA	7.477	7.944	9716.9E6	3876.7E6	695.727	682.198
6) T	MCPD	7.657	8.042	596.2E6	125.3E6	74.112	70.866
7) T	MCPA	7.806	8.290	716.7E6	190.4E6	71.950	67.882
8) T	DICHLORPROP	8.185	8.662	2203.8E6	895.8E6	694.684	670.992
9) T	2,4-D	8.418	9.001	2097.2E6	927.1E6	729.008	649.566
10) T	Pentachlo...	8.717	9.515	35909.8E6	24625.0E6	747.927	707.037
11) T	2,4,5-TP ...	9.295	9.899	13152.2E6	9058.6E6	733.785	690.648
12) T	2,4,5-T	9.589	10.327	11335.8E6	8287.0E6	773.708	699.930
13) T	2,4-DB	10.164	10.894	1628.8E6	658.5E6	847.585	682.506
14) T	DINOSEB	11.368	11.274	8912.1E6	6083.4E6	702.930	643.274
15) T	Picloram	11.189	12.390	11201.8E6	13189.3E6	858.105	752.394
16) T	DCPA	11.668	12.316	17228.8E6	13771.3E6	756.334	699.036

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

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Sample : HSTDCCC750
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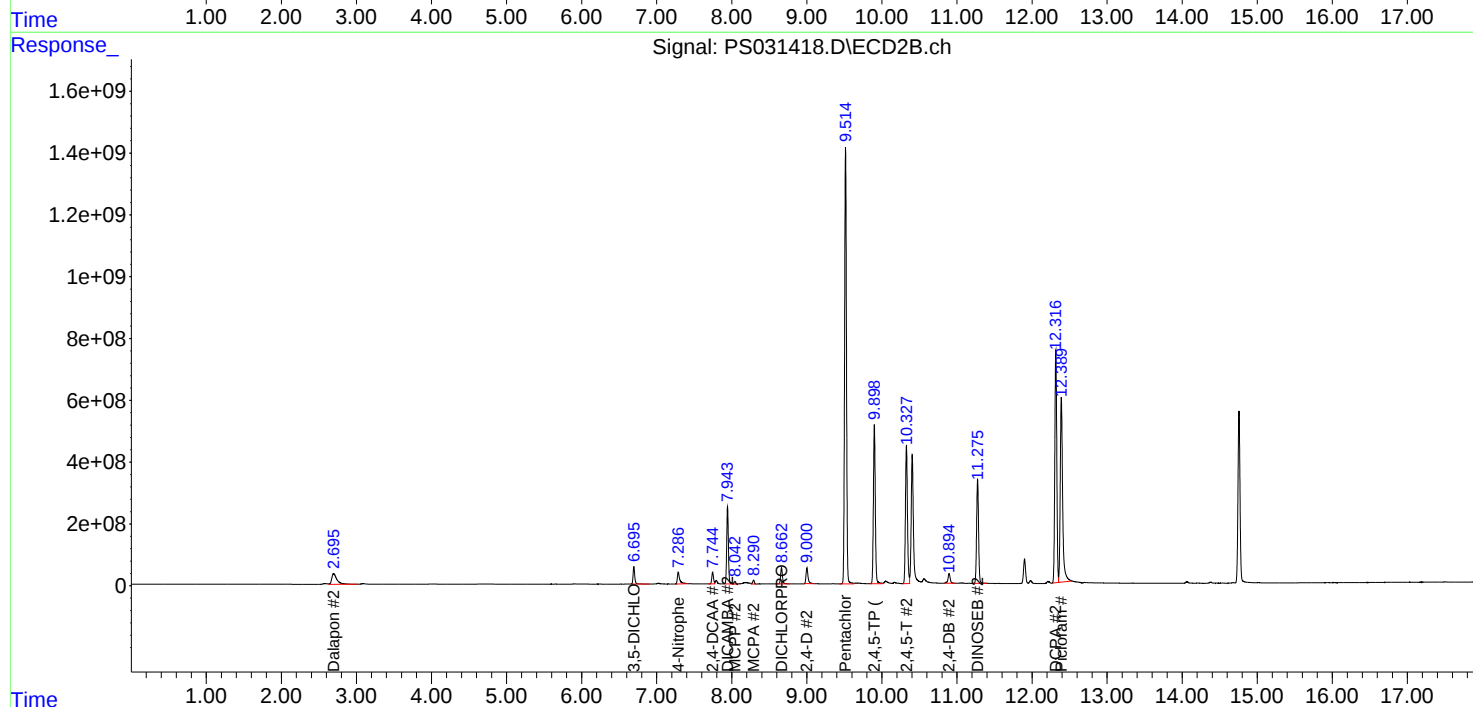
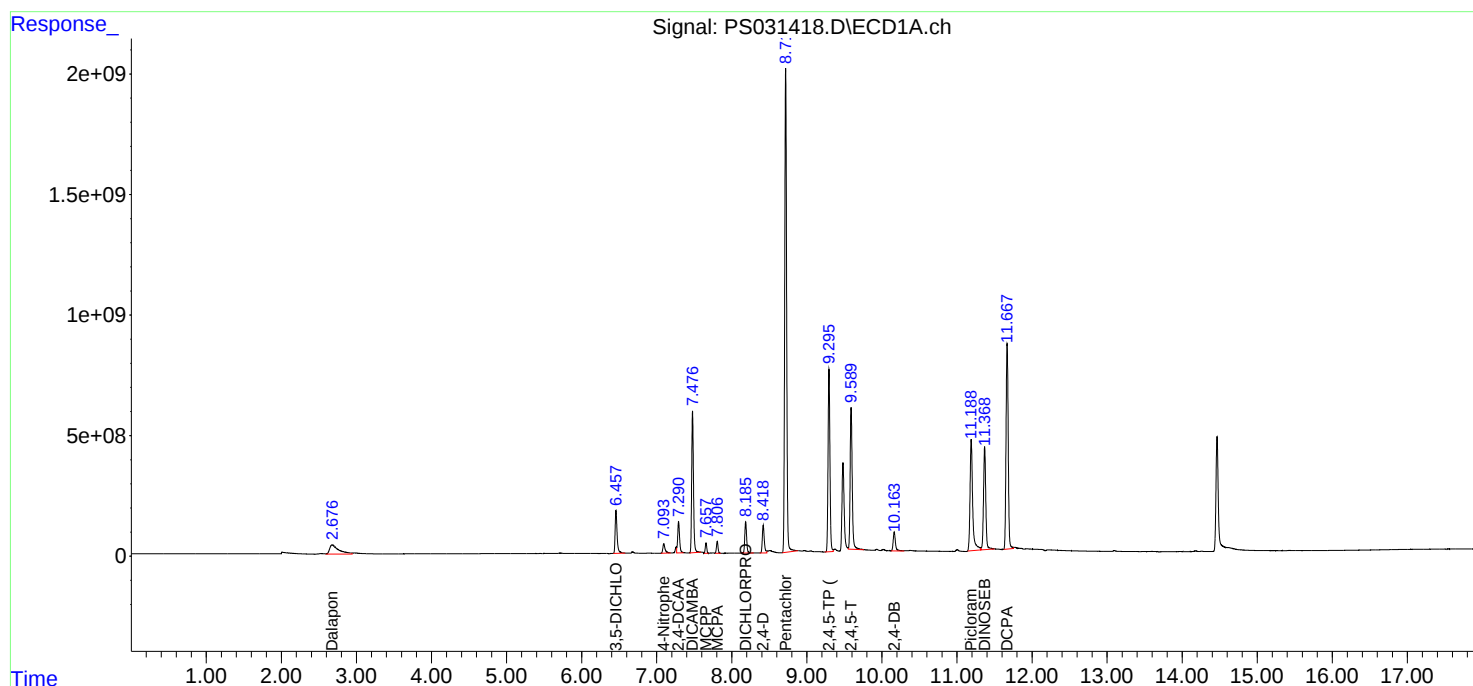
Instrument :
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ClientSampleId :
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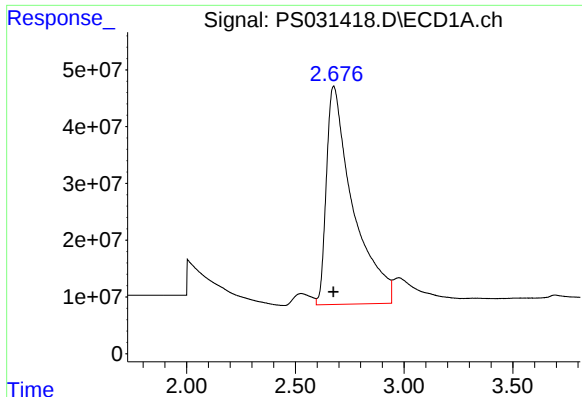
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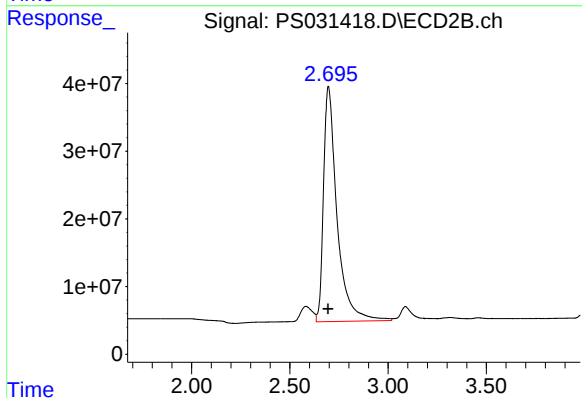
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 3252198832
Conc: 619.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

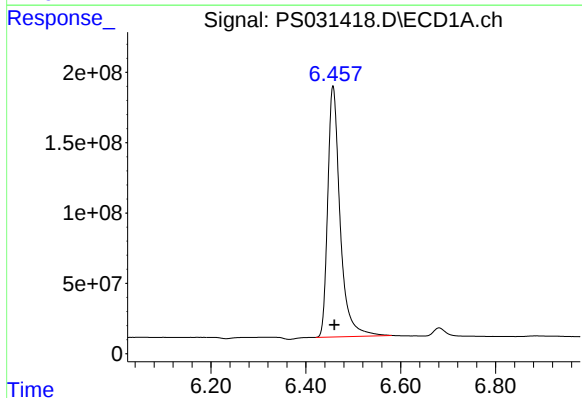
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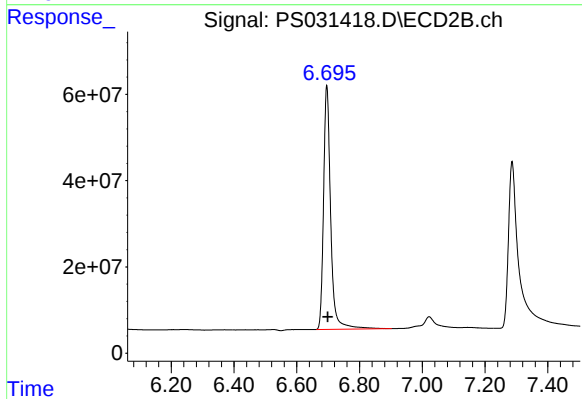
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 1663615743
Conc: 625.18 ng/ml



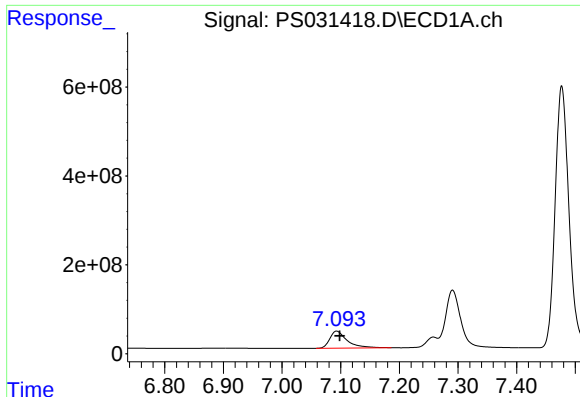
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 3223285821
Conc: 683.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 890366765
Conc: 658.59 ng/ml



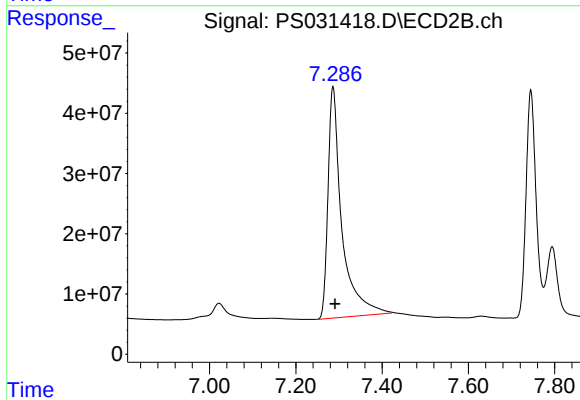
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.006 min
Response: 791426884
Conc: 767.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

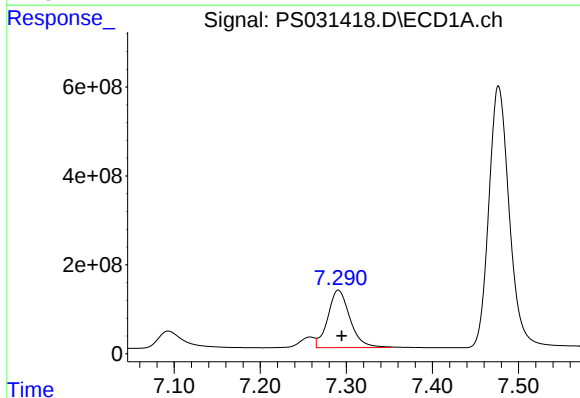
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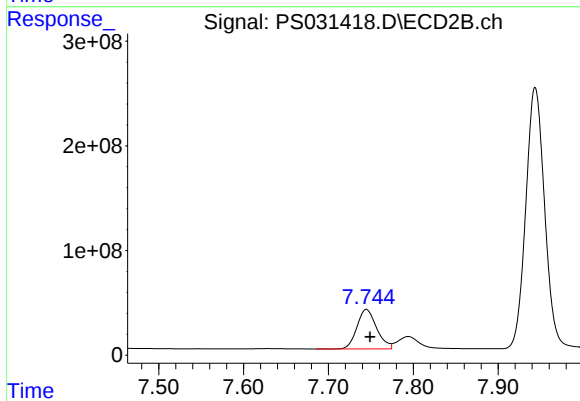
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 855354042
Conc: 680.53 ng/ml m



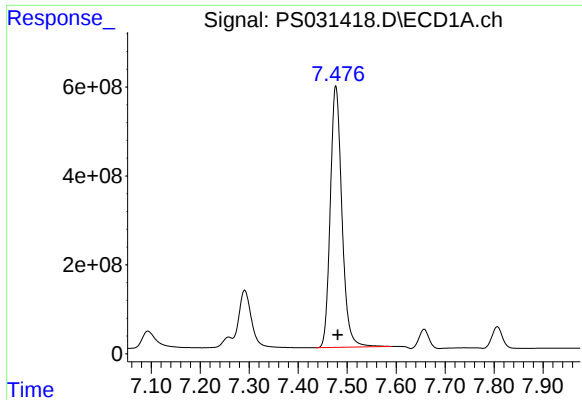
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 2302264980
Conc: 725.35 ng/ml m



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 608292623
Conc: 719.58 ng/ml



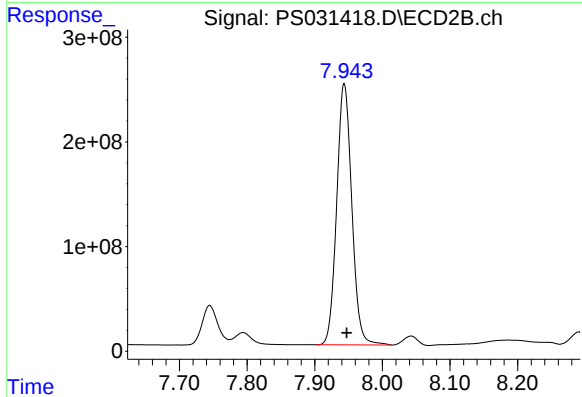
#5 DICAMBA

R.T.: 7.477 min
Delta R.T.: -0.004 min
Response: 9716850802
Conc: 695.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

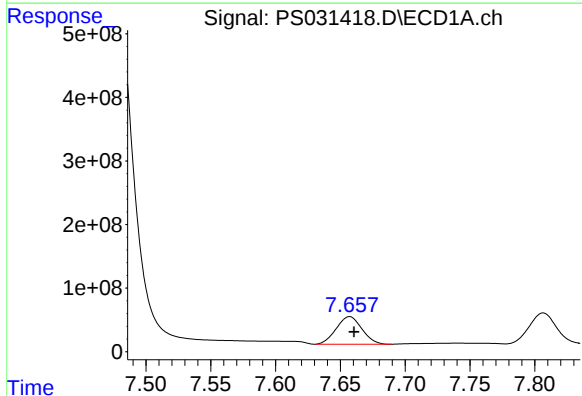
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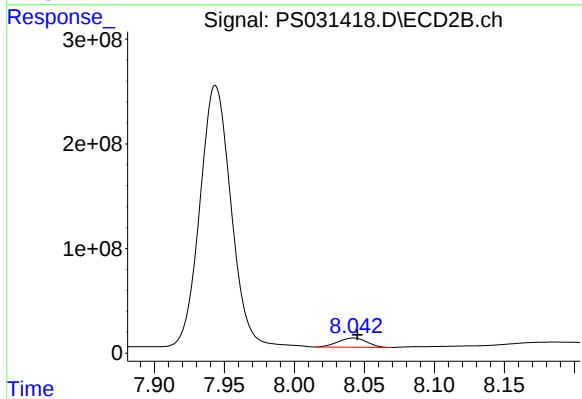
#5 DICAMBA

R.T.: 7.944 min
Delta R.T.: -0.004 min
Response: 3876720385
Conc: 682.20 ng/ml



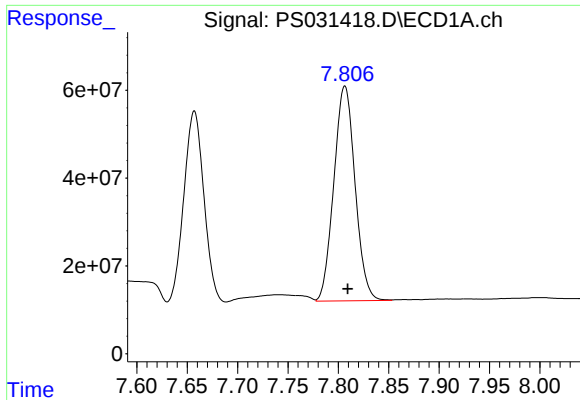
#6 MCP

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 596224387
Conc: 74.11 ug/ml



#6 MCP

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 125278606
Conc: 70.87 ug/ml



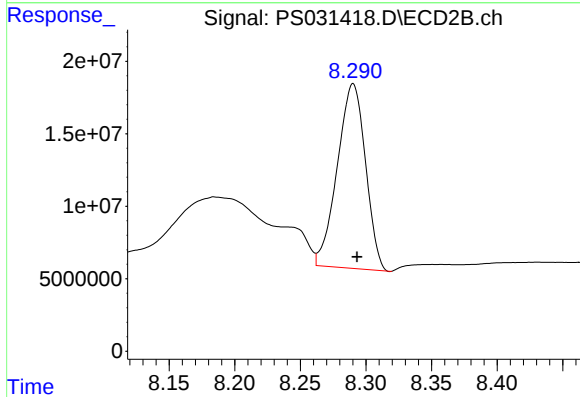
#7 MCPA

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 716712150
Conc: 71.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

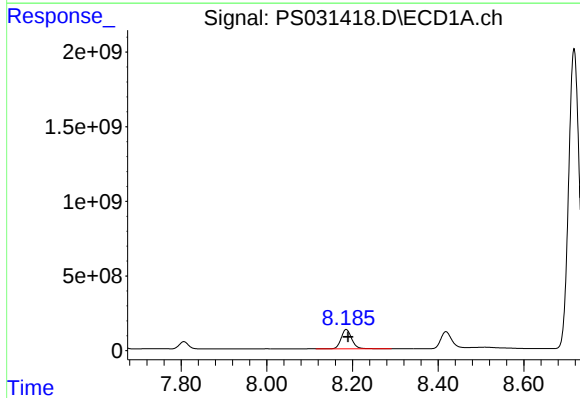
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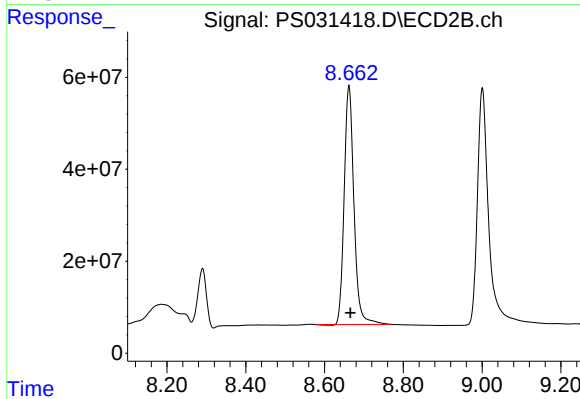
#7 MCPA

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 190442175
Conc: 67.88 ug/ml



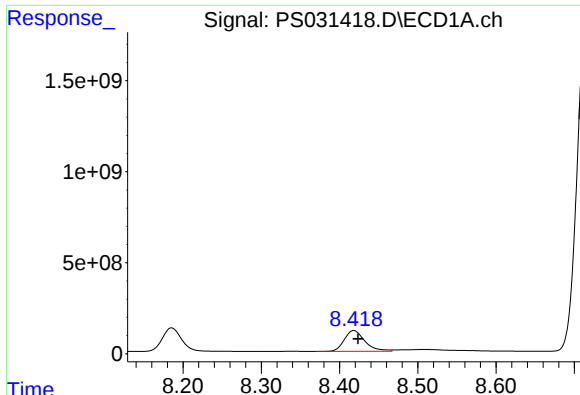
#8 DICHLORPROP

R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 2203835854
Conc: 694.68 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 895796774
Conc: 670.99 ng/ml



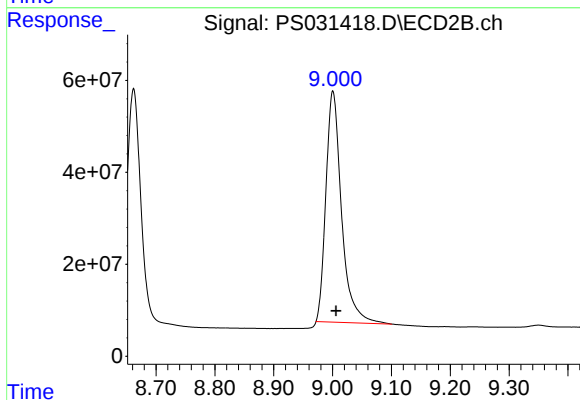
#9 2,4-D

R.T.: 8.418 min
Delta R.T.: -0.005 min
Response: 2097220829
Conc: 729.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

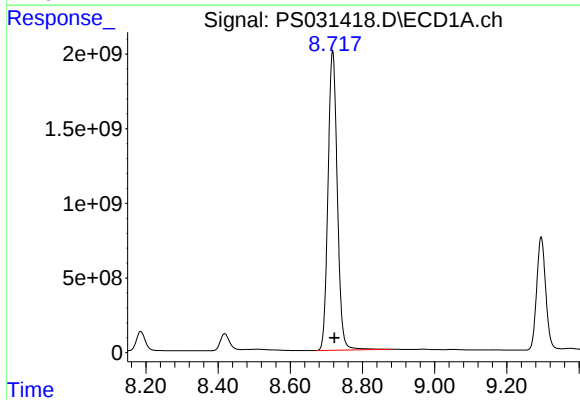
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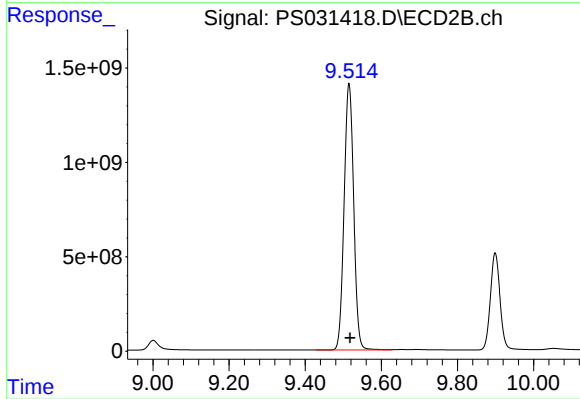
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 927117657
Conc: 649.57 ng/ml



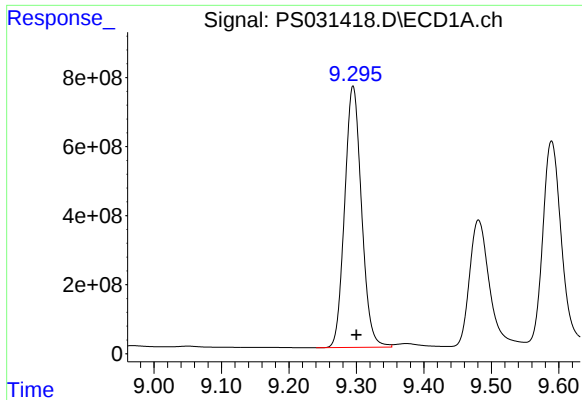
#10 Pentachlorophenol

R.T.: 8.717 min
Delta R.T.: -0.005 min
Response: 35909800389
Conc: 747.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.515 min
Delta R.T.: -0.003 min
Response: 24624985676
Conc: 707.04 ng/ml



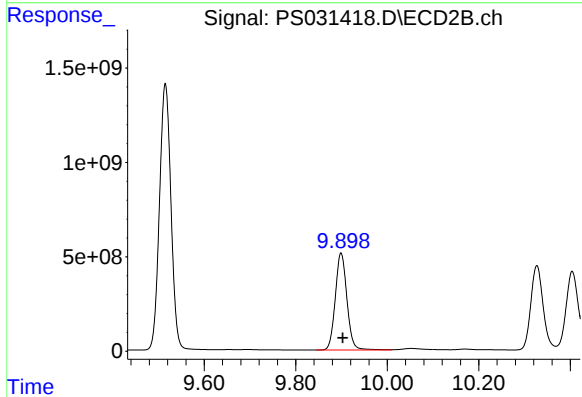
#11 2,4,5-TP (SILVEX)

R.T.: 9.295 min
Delta R.T.: -0.005 min
Response: 13152155681
Conc: 733.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

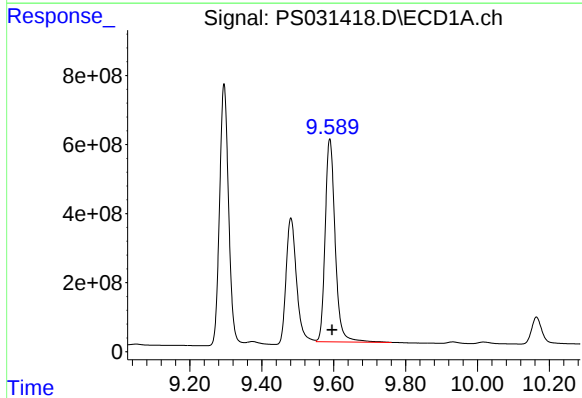
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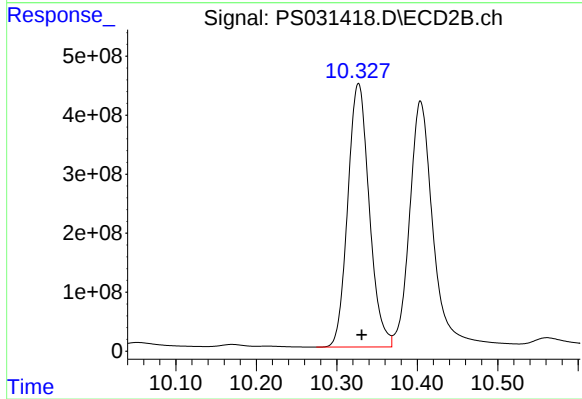
#11 2,4,5-TP (SILVEX)

R.T.: 9.899 min
Delta R.T.: -0.004 min
Response: 9058557140
Conc: 690.65 ng/ml



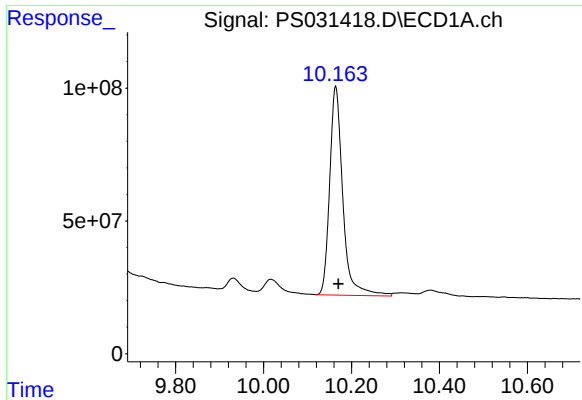
#12 2,4,5-T

R.T.: 9.589 min
Delta R.T.: -0.006 min
Response: 11335777402
Conc: 773.71 ng/ml



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: -0.004 min
Response: 8287003391
Conc: 699.93 ng/ml



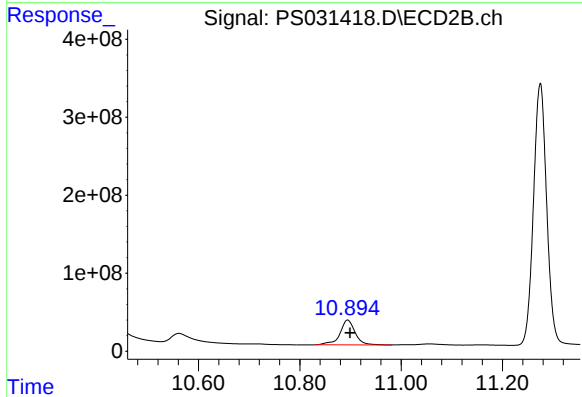
#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 1628821583
Conc: 847.58 ng/ml

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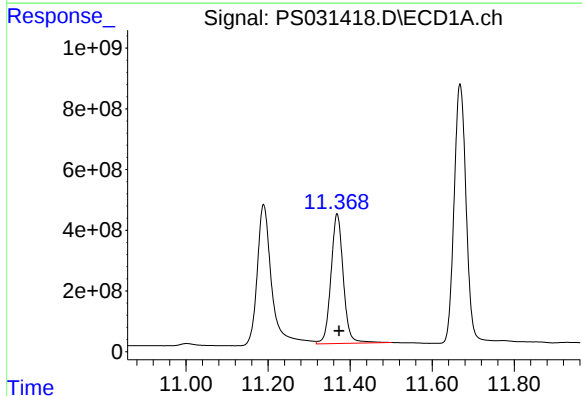
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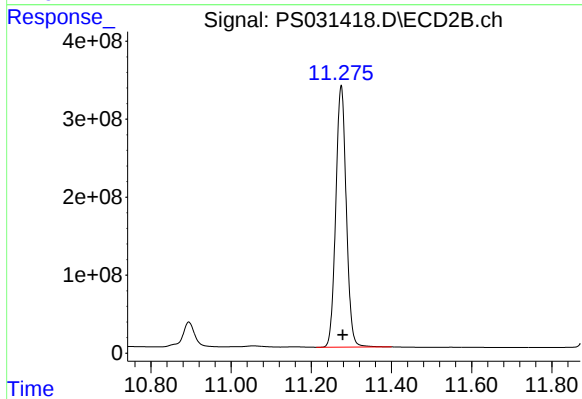
#13 2,4-DB

R.T.: 10.894 min
Delta R.T.: -0.005 min
Response: 658513301
Conc: 682.51 ng/ml



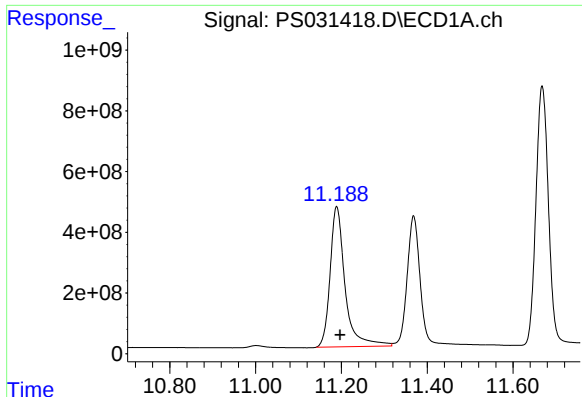
#14 DINOSEB

R.T.: 11.368 min
Delta R.T.: -0.005 min
Response: 8912079565
Conc: 702.93 ng/ml



#14 DINOSEB

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 6083412547
Conc: 643.27 ng/ml



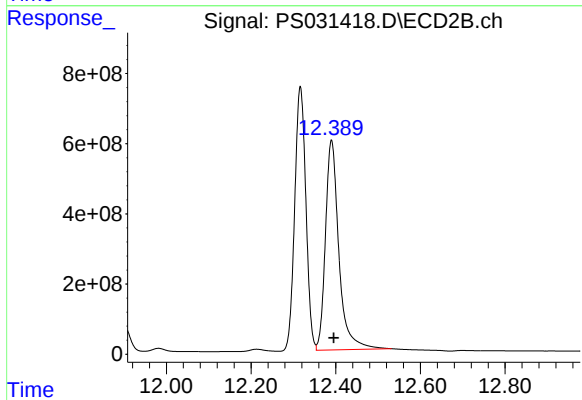
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 11201834592
Conc: 858.11 ng/ml

Instrument :
ECD_S
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HSTDCCC750

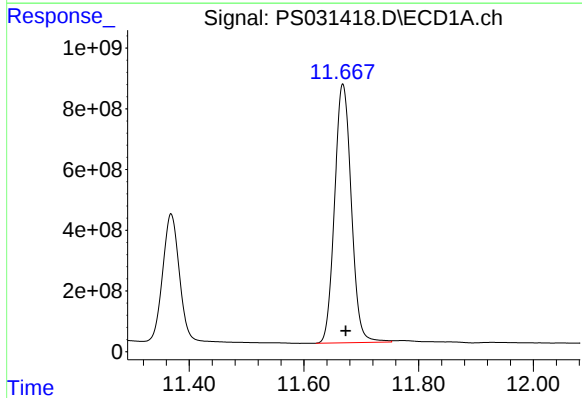
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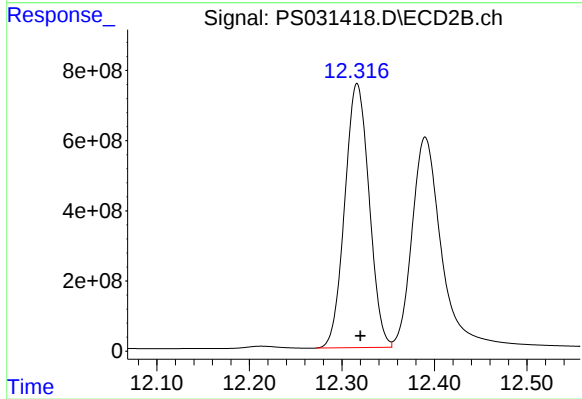
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.005 min
Response: 13189254907
Conc: 752.39 ng/ml



#16 DCPA

R.T.: 11.668 min
Delta R.T.: -0.005 min
Response: 17228763374
Conc: 756.33 ng/ml



#16 DCPA

R.T.: 12.316 min
Delta R.T.: -0.003 min
Response: 13771279630
Conc: 699.04 ng/ml