

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
 Data File : PS031333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 10:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 14:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.308	7.758	2269.9E6	598.9E6	779.138	717.158
Target Compounds							
1) T	Dalapon	2.684	2.698	3363.6E6	1611.6E6	697.188	656.146
2) T	3,5-DICHL...	6.471	6.706	3197.5E6	886.1E6	750.060m	685.711
3) T	4-Nitroph...	7.110	7.299	752.1E6	822.0E6	738.631	636.741
5) T	DICAMBA	7.495	7.957	9192.1E6	3730.7E6	711.427	688.212m
6) T	MCPD	7.675	8.055	599.8E6	131.5E6	74.571m	76.951m
7) T	MCPA	7.825	8.304	730.7E6	185.1E6	74.745	71.352
8) T	DICHLORPROP	8.205	8.678	2145.0E6	874.8E6	705.605	672.873
9) T	2,4-D	8.438	9.017	2037.0E6	952.6E6	785.491	682.631
10) T	Pentachlo...	8.737	9.529	35833.6E6	24399.9E6	787.920	728.433
11) T	2,4,5-TP ...	9.318	9.915	12686.5E6	8925.6E6	761.440	702.649
12) T	2,4,5-T	9.612	10.344	10553.3E6	8182.1E6	793.434	701.444
13) T	2,4-DB	10.189	10.913	1404.0E6	658.7E6	803.534	681.983
14) T	DINOSEB	11.396	11.292	8567.7E6	6203.0E6	747.387	664.137
15) T	Picloram	11.215	12.411	9320.1E6	11860.8E6	795.938m	693.822
16) T	DCPA	11.694	12.335	16776.3E6	13628.2E6	809.036m	730.668m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
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Acq On : 31 Jul 2025 10:45
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

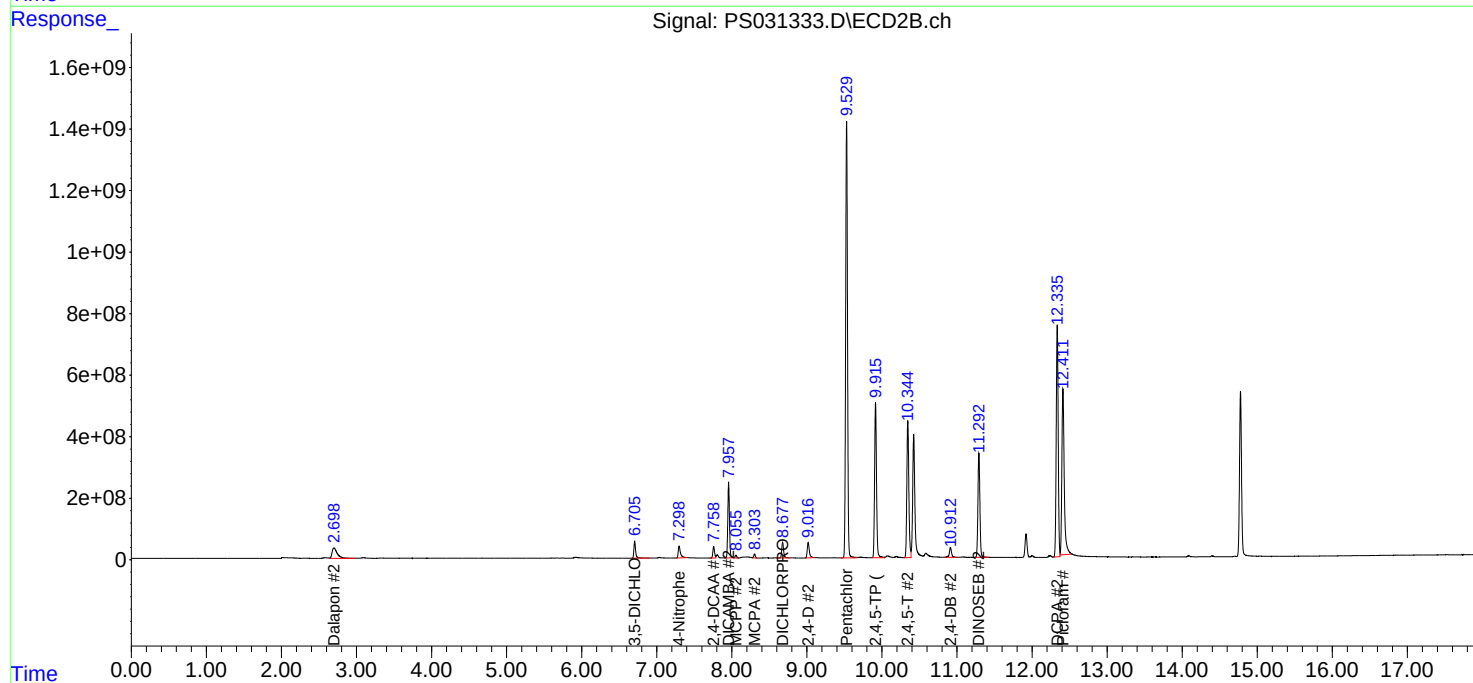
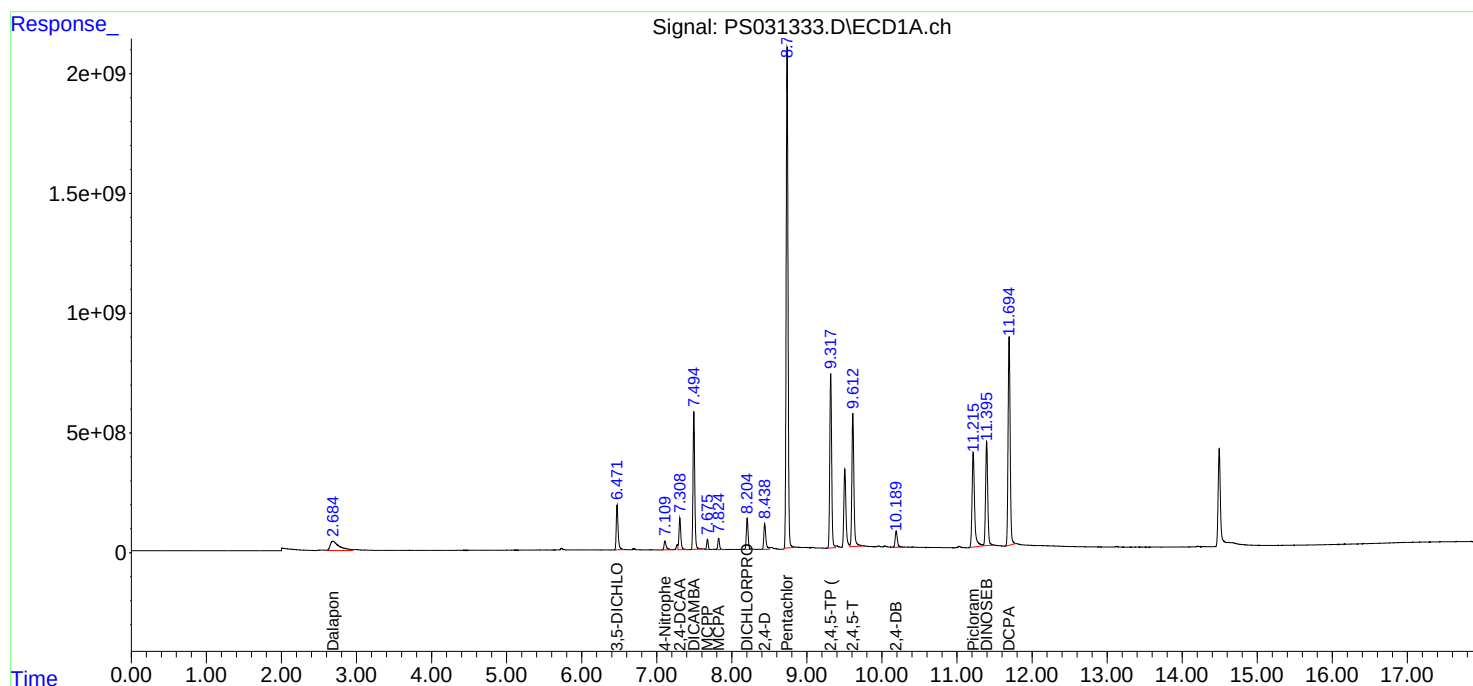
Instrument :
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ClientSampleId :
HSTDCCC750

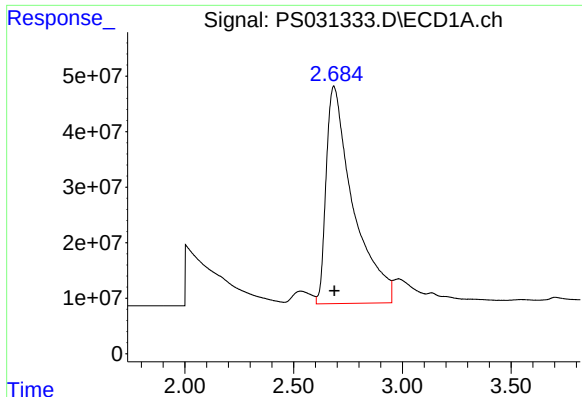
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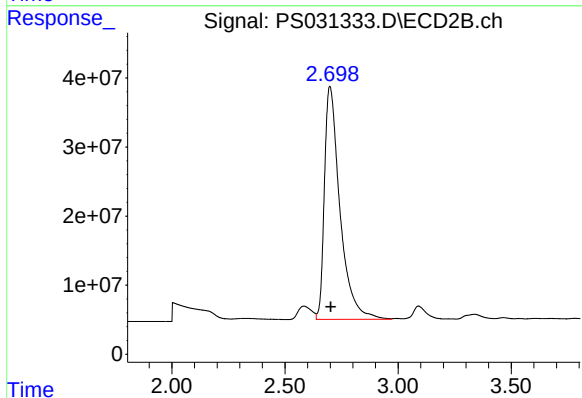
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.003 min
Response: 3363623897
Conc: 697.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

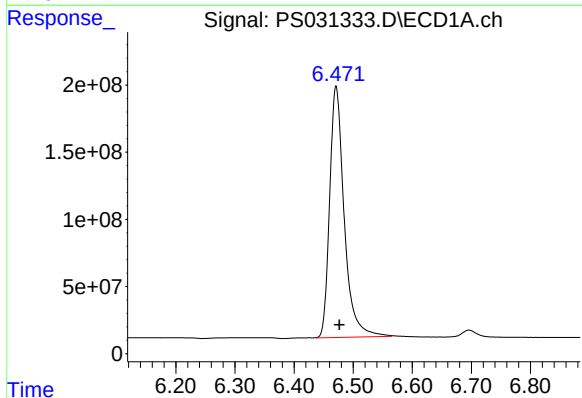
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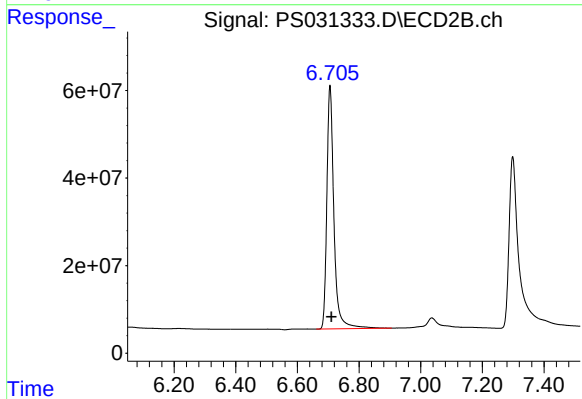
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.005 min
Response: 1611617290
Conc: 656.15 ng/ml



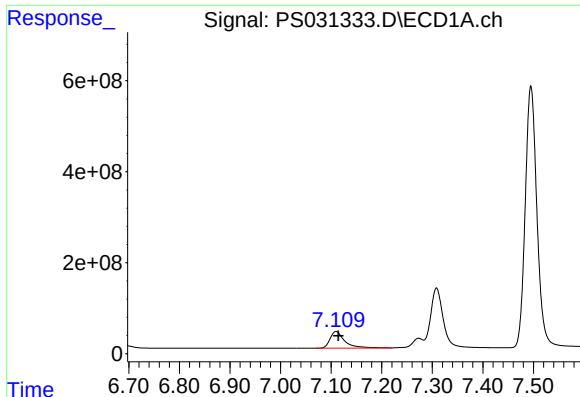
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 3197457460
Conc: 750.06 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.706 min
Delta R.T.: -0.005 min
Response: 886124785
Conc: 685.71 ng/ml



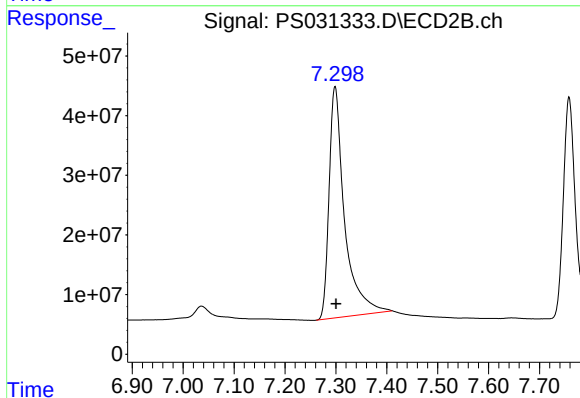
#3 4-Nitrophenol

R.T.: 7.110 min
Delta R.T.: -0.005 min
Response: 752075128
Conc: 738.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

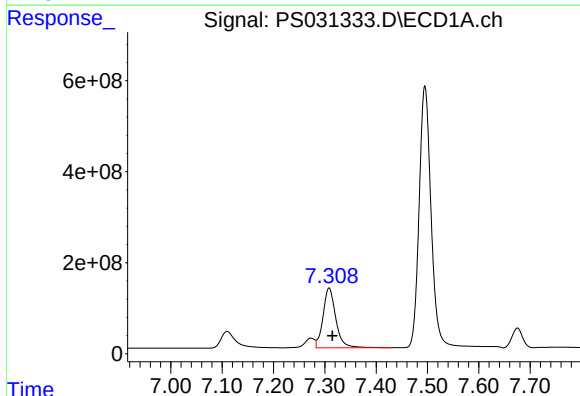
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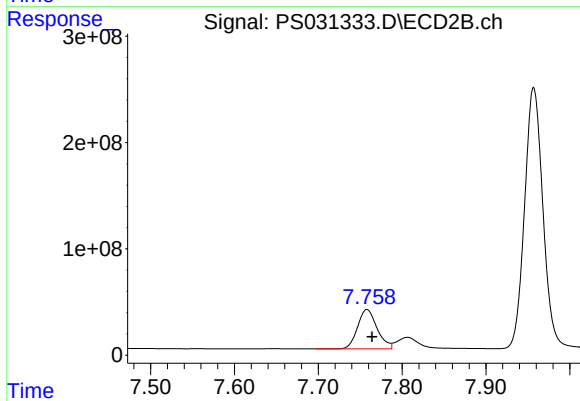
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 821976035
Conc: 636.74 ng/ml



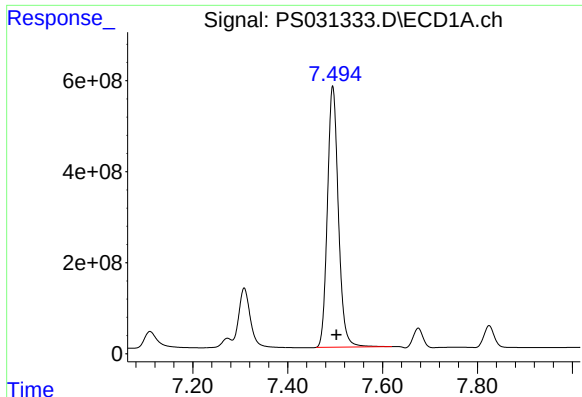
#4 2,4-DCAA

R.T.: 7.308 min
Delta R.T.: -0.006 min
Response: 2269943648
Conc: 779.14 ng/ml



#4 2,4-DCAA

R.T.: 7.758 min
Delta R.T.: -0.006 min
Response: 598885207
Conc: 717.16 ng/ml



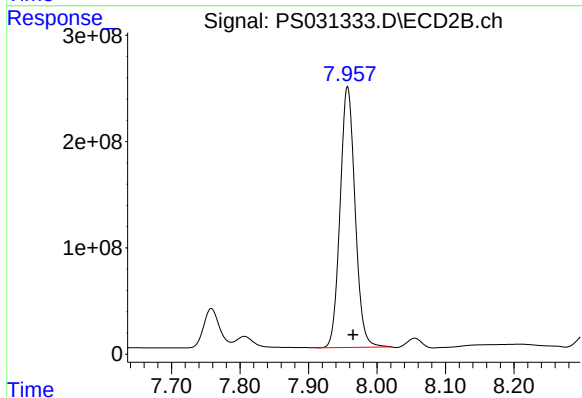
#5 DICAMBA

R.T.: 7.495 min
Delta R.T.: -0.008 min
Response: 9192059101
Conc: 711.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

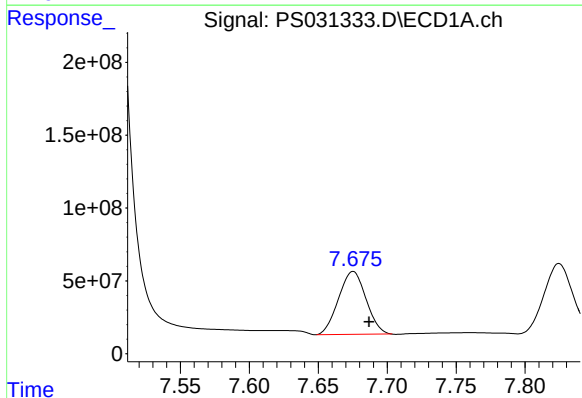
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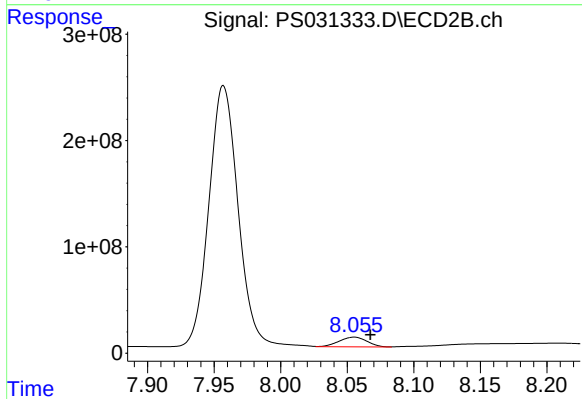
#5 DICAMBA

R.T.: 7.957 min
Delta R.T.: -0.008 min
Response: 3730691358
Conc: 688.21 ng/ml m



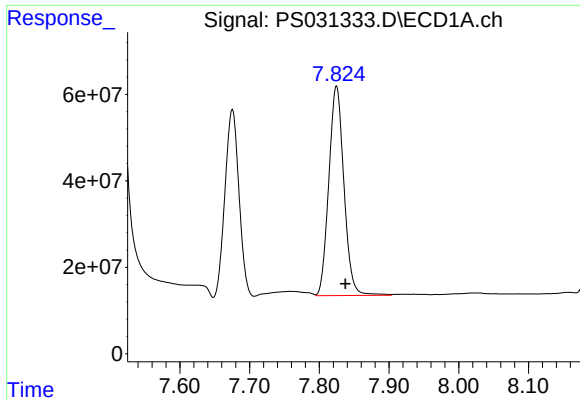
#6 MCPP

R.T.: 7.675 min
Delta R.T.: -0.012 min
Response: 599757525
Conc: 74.57 ug/ml m



#6 MCPP

R.T.: 8.055 min
Delta R.T.: -0.013 min
Response: 131538688
Conc: 76.95 ug/ml m



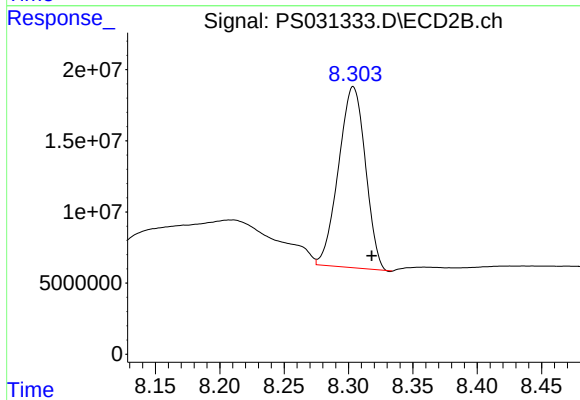
#7 MCPA

R.T.: 7.825 min
Delta R.T.: -0.013 min
Response: 730704772
Conc: 74.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

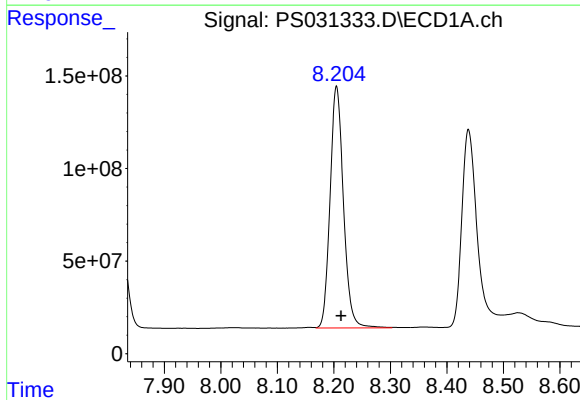
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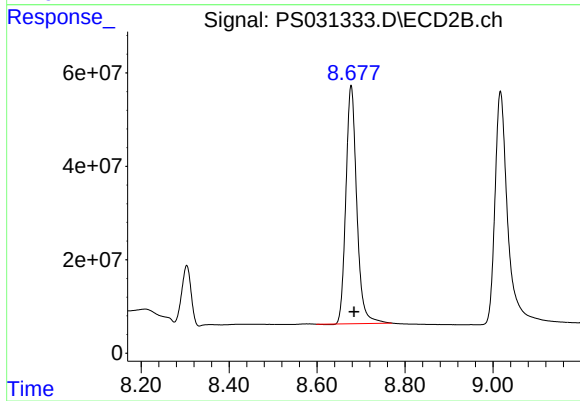
#7 MCPA

R.T.: 8.304 min
Delta R.T.: -0.014 min
Response: 185083793
Conc: 71.35 ug/ml



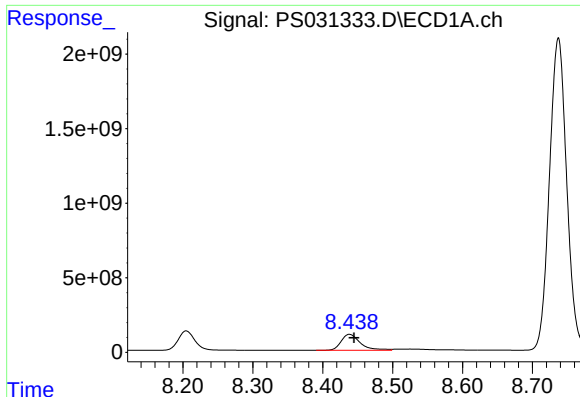
#8 DICHLORPROP

R.T.: 8.205 min
Delta R.T.: -0.008 min
Response: 2145047717
Conc: 705.60 ng/ml



#8 DICHLORPROP

R.T.: 8.678 min
Delta R.T.: -0.007 min
Response: 874774338
Conc: 672.87 ng/ml



#9 2,4-D

R.T.: 8.438 min
Delta R.T.: -0.007 min
Response: 2037044502
Conc: 785.49 ng/ml

Instrument :

ECD_S

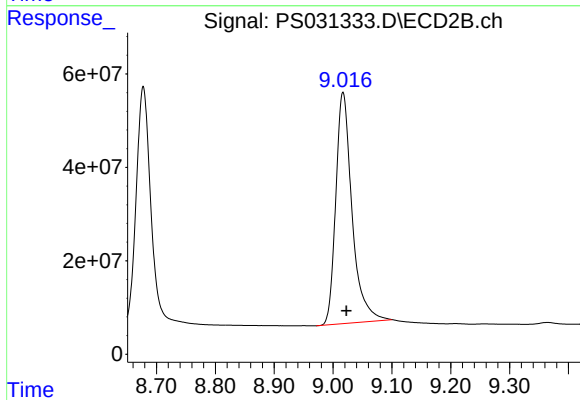
ClientSampleId :

HSTDCCC750

Manual Integrations

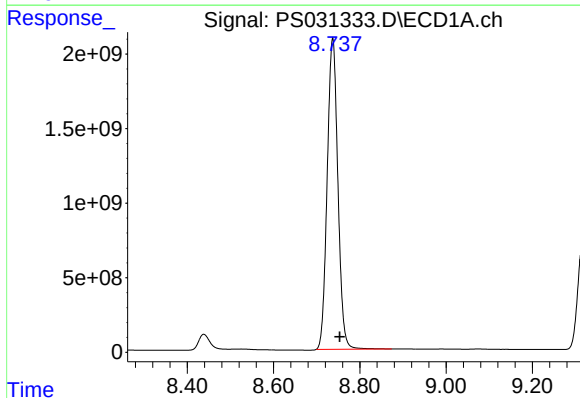
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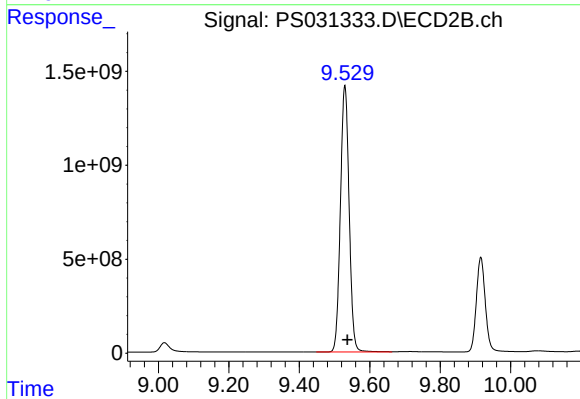
#9 2,4-D

R.T.: 9.017 min
Delta R.T.: -0.006 min
Response: 952632056
Conc: 682.63 ng/ml



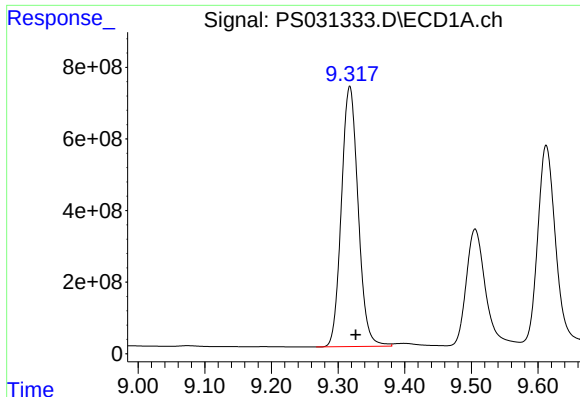
#10 Pentachlorophenol

R.T.: 8.737 min
Delta R.T.: -0.017 min
Response: 35833612807
Conc: 787.92 ng/ml



#10 Pentachlorophenol

R.T.: 9.529 min
Delta R.T.: -0.008 min
Response: 24399860015
Conc: 728.43 ng/ml



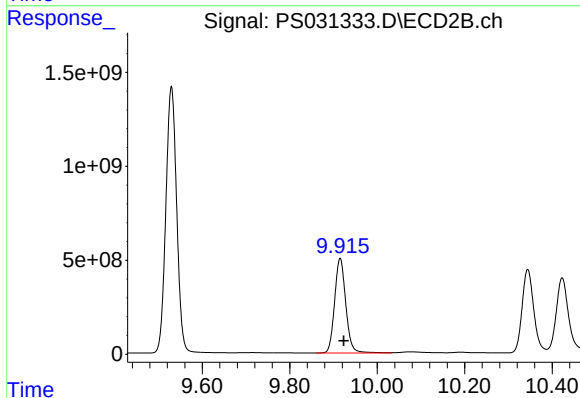
#11 2,4,5-TP (SILVEX)

R.T.: 9.318 min
Delta R.T.: -0.009 min
Response: 12686543588
Conc: 761.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

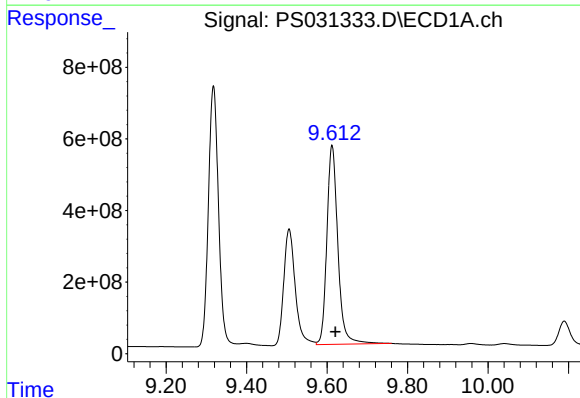
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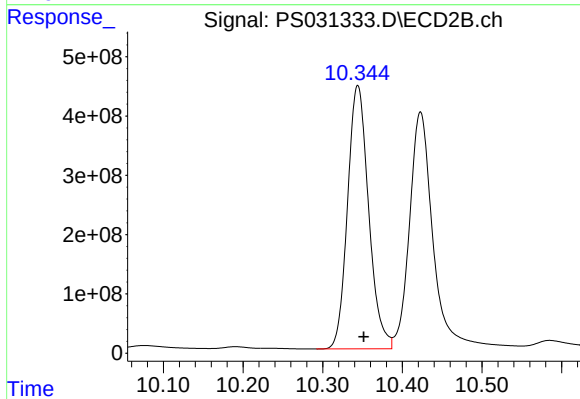
#11 2,4,5-TP (SILVEX)

R.T.: 9.915 min
Delta R.T.: -0.009 min
Response: 8925605339
Conc: 702.65 ng/ml



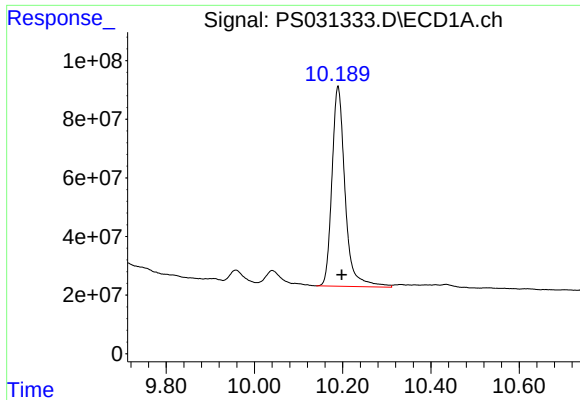
#12 2,4,5-T

R.T.: 9.612 min
Delta R.T.: -0.009 min
Response: 10553261215
Conc: 793.43 ng/ml



#12 2,4,5-T

R.T.: 10.344 min
Delta R.T.: -0.007 min
Response: 8182113117
Conc: 701.44 ng/ml



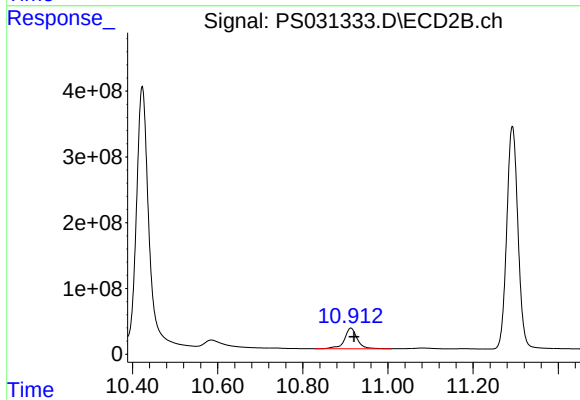
#13 2,4-DB

R.T.: 10.189 min
Delta R.T.: -0.009 min
Response: 1403977508
Conc: 803.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

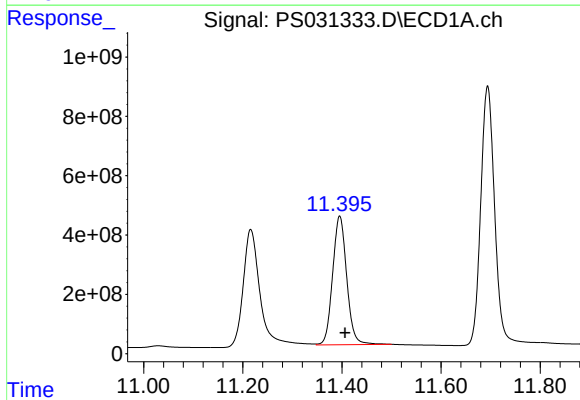
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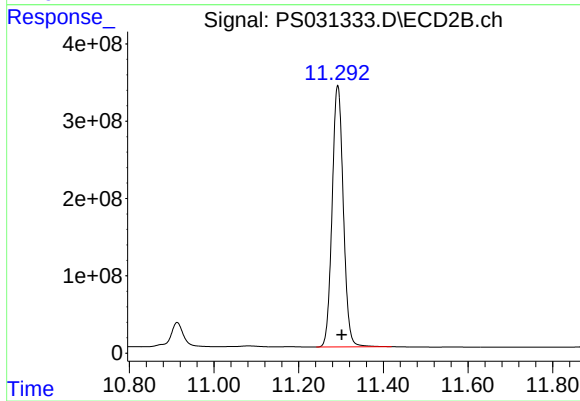
#13 2,4-DB

R.T.: 10.913 min
Delta R.T.: -0.008 min
Response: 658697027
Conc: 681.98 ng/ml



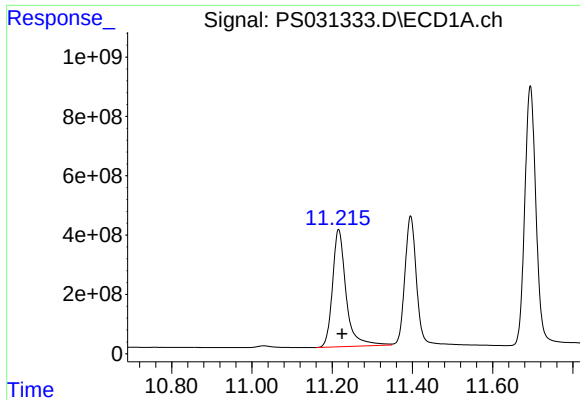
#14 DINOSEB

R.T.: 11.396 min
Delta R.T.: -0.011 min
Response: 8567706114
Conc: 747.39 ng/ml



#14 DINOSEB

R.T.: 11.292 min
Delta R.T.: -0.010 min
Response: 6202999181
Conc: 664.14 ng/ml



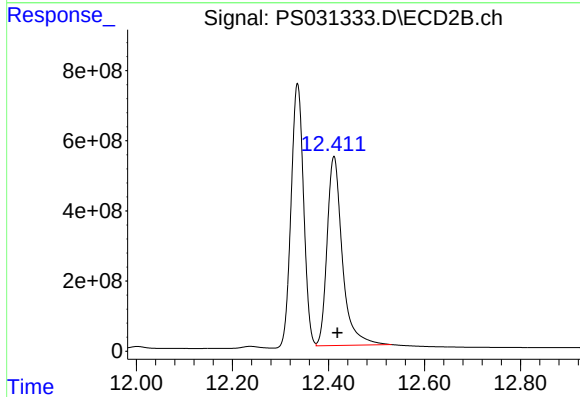
#15 Picloram

R.T.: 11.215 min
Delta R.T.: -0.010 min
Response: 9320138653
Conc: 795.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

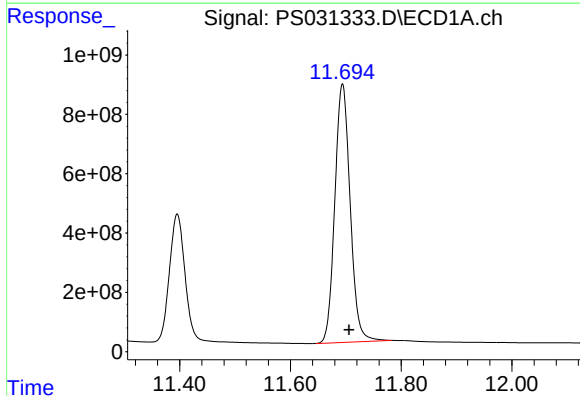
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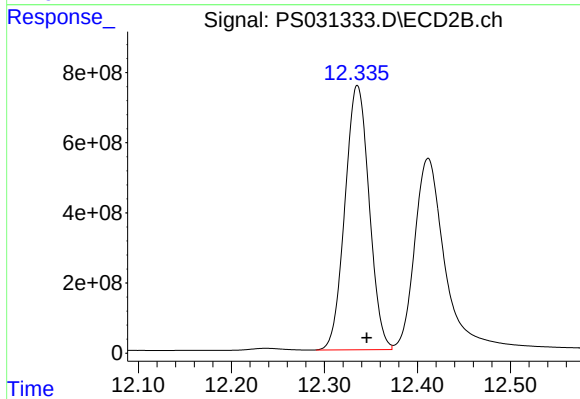
#15 Picloram

R.T.: 12.411 min
Delta R.T.: -0.007 min
Response: 11860829020
Conc: 693.82 ng/ml



#16 DCPA

R.T.: 11.694 min
Delta R.T.: -0.012 min
Response: 16776285517
Conc: 809.04 ng/ml m



#16 DCPA

R.T.: 12.335 min
Delta R.T.: -0.011 min
Response: 13628244006
Conc: 730.67 ng/ml m