

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 14:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:29:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.741	2695.6E6	675.2E6	748.452	742.928
Target Compounds							
1) T	Dalapon	2.667	2.691	3266.7E6	1674.8E6	565.104	594.390
2) T	3,5-DICHL...	6.449	6.693	3755.9E6	1077.9E6	704.221	706.866m
3) T	4-Nitroph...	7.095	7.296	794.9E6	872.7E6	720.522	691.072m
5) T	DICAMBA	7.464	7.936	10950.0E6	4615.2E6	702.072	709.290
6) T	MCPD	7.642	8.032	659.4E6	137.7E6	73.765	73.133
7) T	MCPA	7.791	8.280	830.6E6	203.0E6	74.755	72.465
8) T	DICHLORPROP	8.172	8.655	2499.9E6	1060.8E6	701.870	729.061
9) T	2,4-D	8.409	8.999	2371.3E6	1142.6E6	692.223m	694.567
10) T	Pentachlo...	8.704	9.503	41881.5E6	31024.5E6	788.819	781.660
11) T	2,4,5-TP ...	9.279	9.889	15172.3E6	10833.9E6	723.395	719.653
12) T	2,4,5-T	9.577	10.318	13910.6E6	9514.0E6	760.218	706.990
13) T	2,4-DB	10.151	10.886	1585.7E6	678.8E6	679.765m	634.374m
14) T	DINOSEB	11.346	11.260	11292.4E6	7816.1E6	782.964	804.065
15) T	Picloram	11.179	12.383	12102.0E6	15767.1E6	671.917	665.749
16) T	DCPA	11.645	12.300	20371.0E6	17894.0E6	755.883	742.363

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

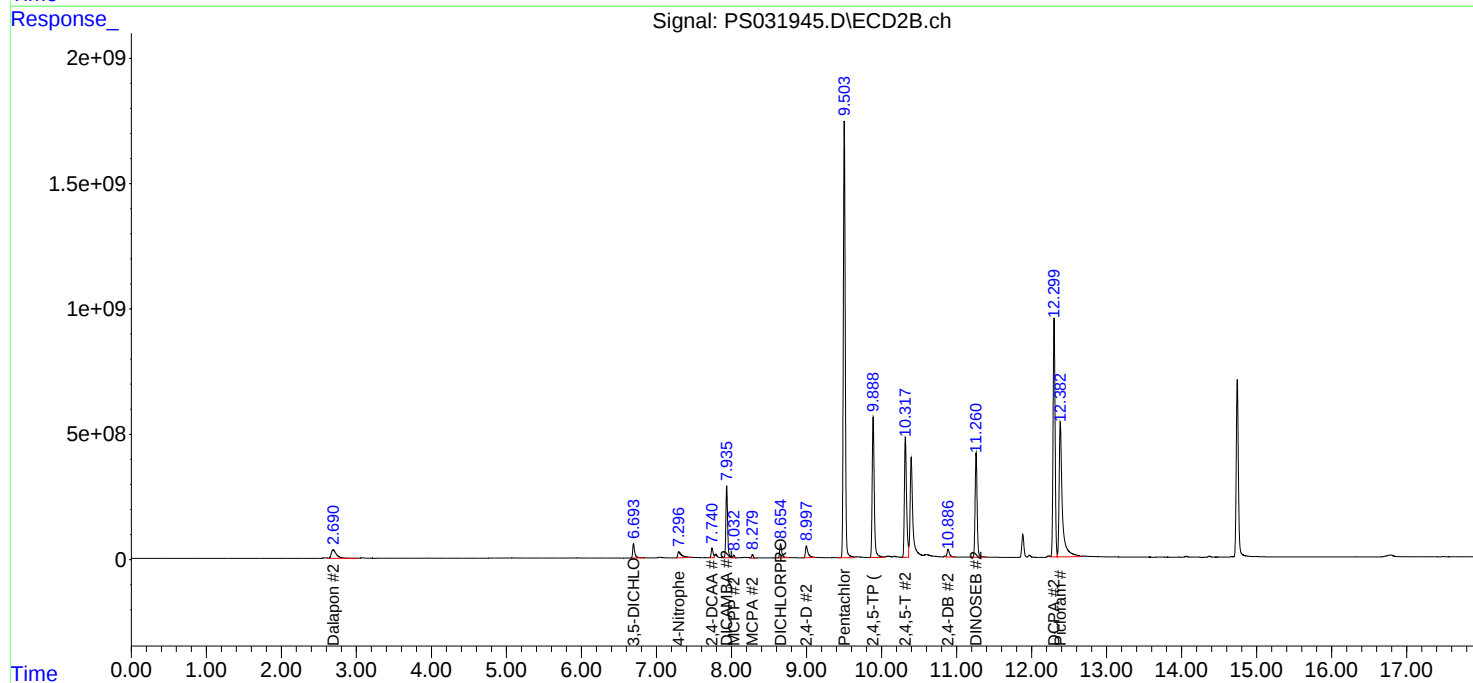
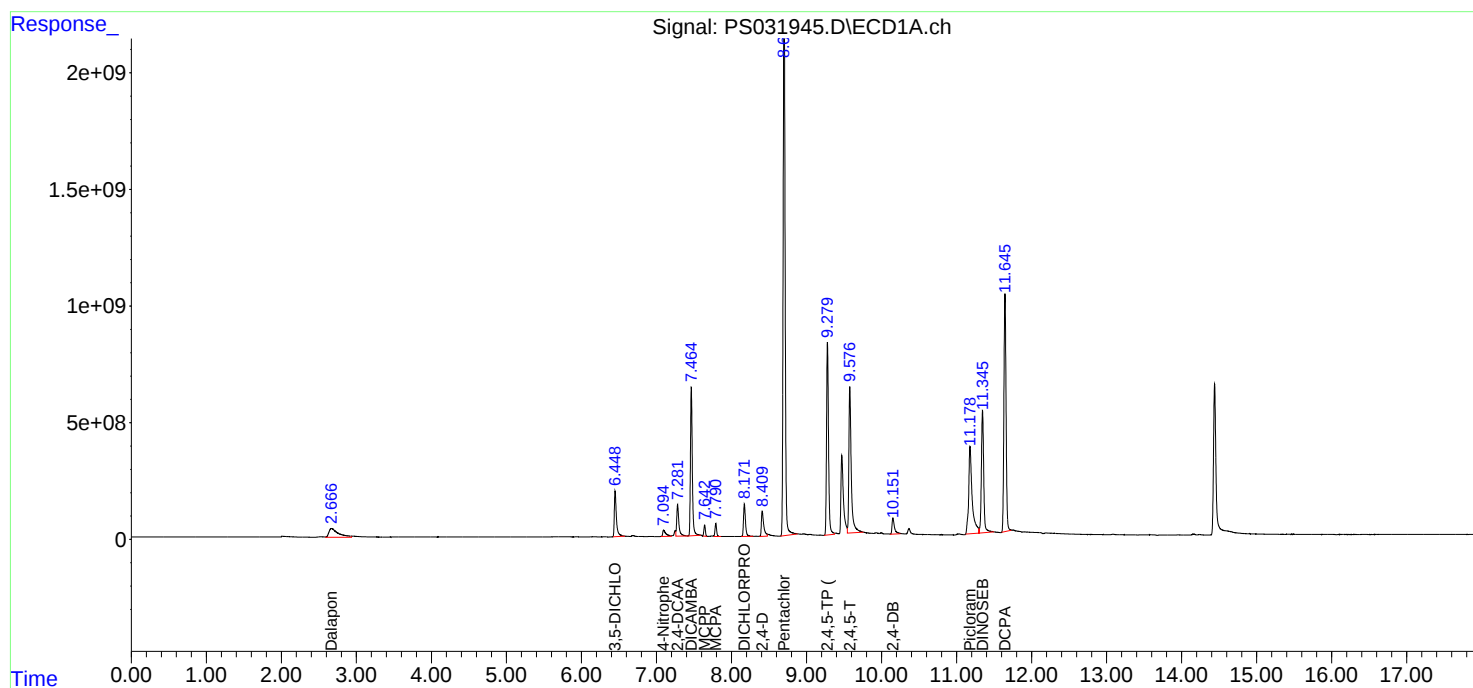
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

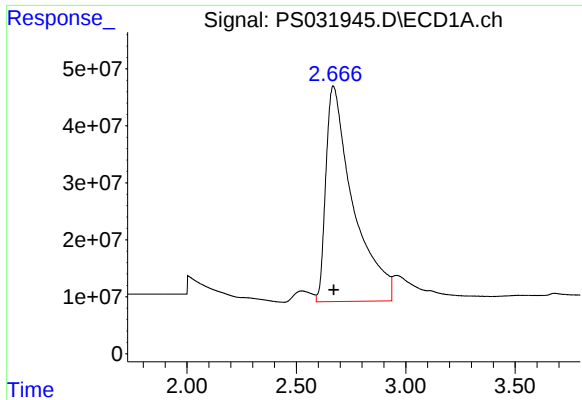
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.004 min
Response: 3266724252
Conc: 565.10 ng/ml

Instrument :

ECD_S

ClientSampleId :

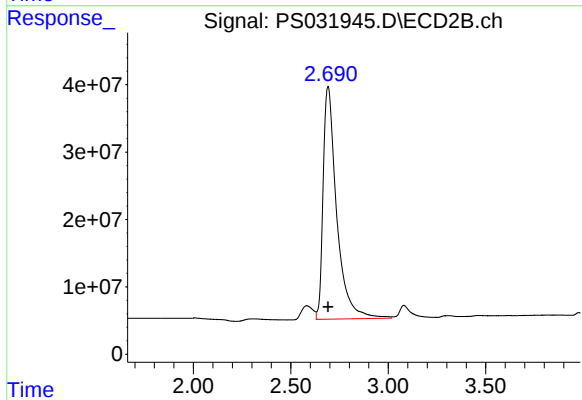
HSTDCCC750

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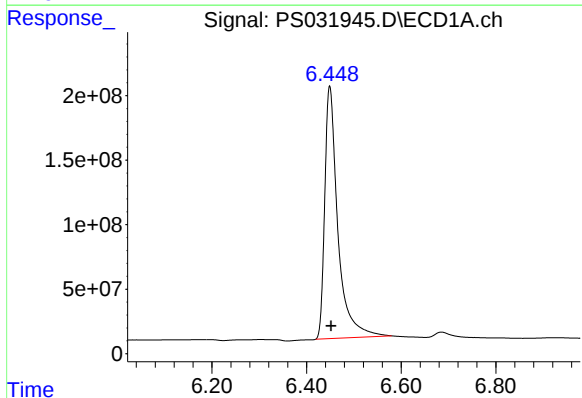
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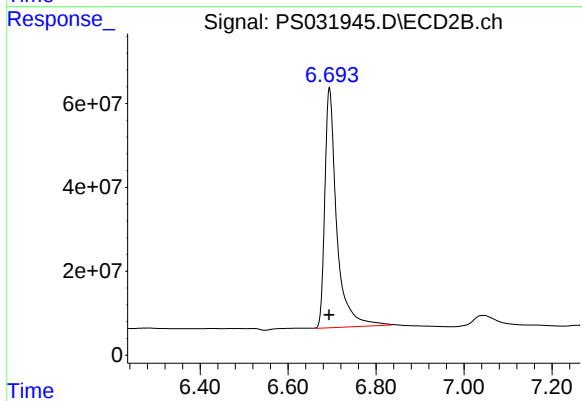
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1674770785
Conc: 594.39 ng/ml



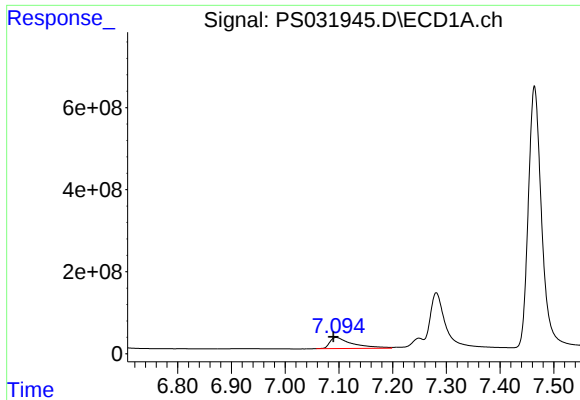
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 3755864993
Conc: 704.22 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 1077945828
Conc: 706.87 ng/ml m



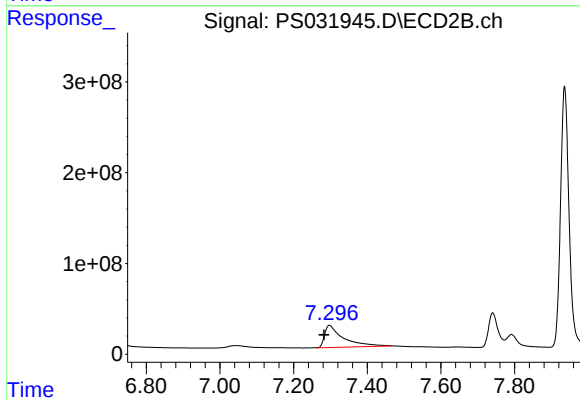
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.005 min
Response: 794886687
Conc: 720.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

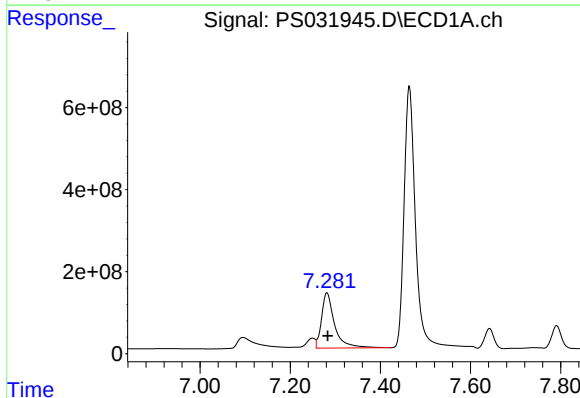
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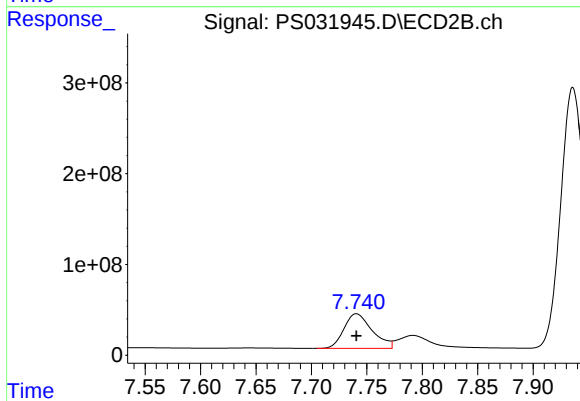
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.013 min
Response: 872676395
Conc: 691.07 ng/ml m



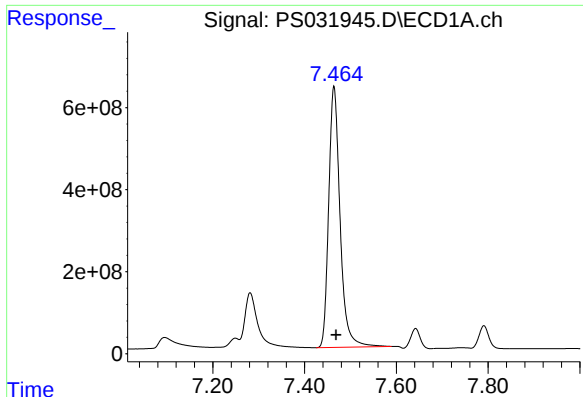
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2695568550
Conc: 748.45 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 675247238
Conc: 742.93 ng/ml



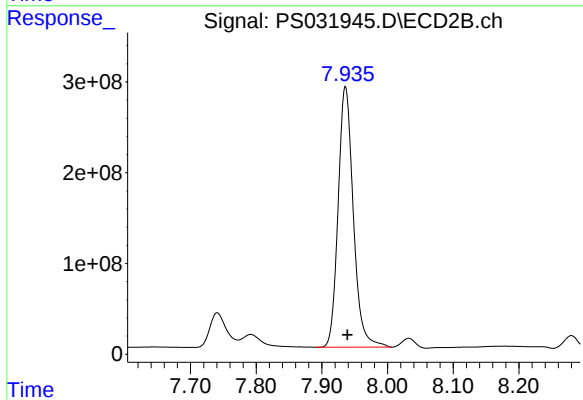
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.005 min
Response: 10950020213
Conc: 702.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

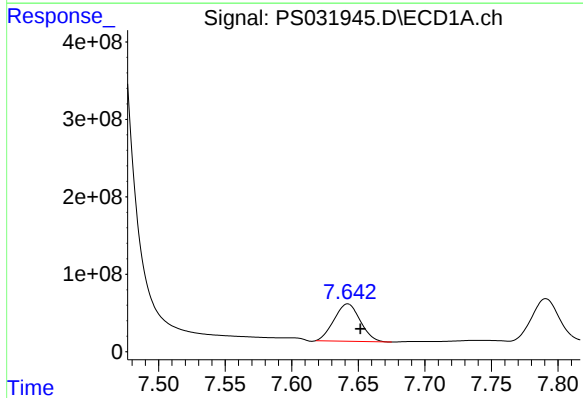
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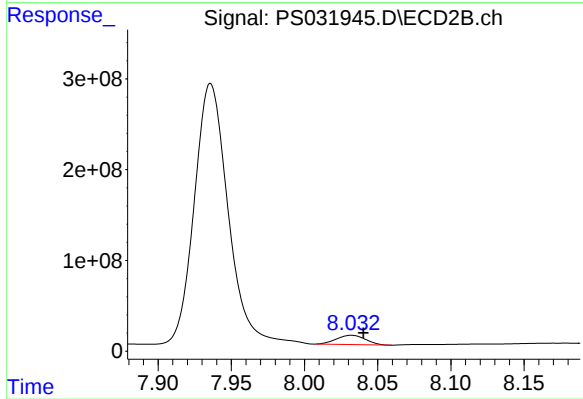
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 4615244091
Conc: 709.29 ng/ml



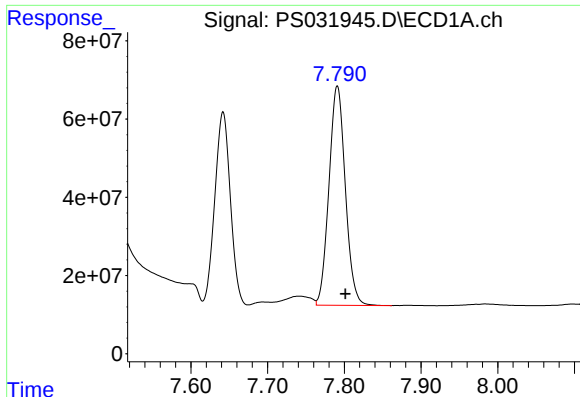
#6 MCPP

R.T.: 7.642 min
Delta R.T.: -0.009 min
Response: 659399324
Conc: 73.76 ug/ml



#6 MCPP

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 137738897
Conc: 73.13 ug/ml



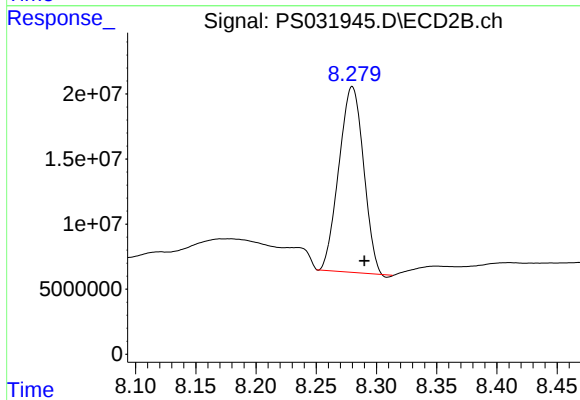
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.011 min
Response: 830562991
Conc: 74.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

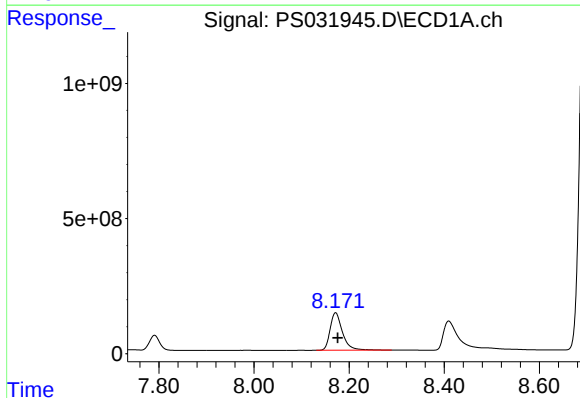
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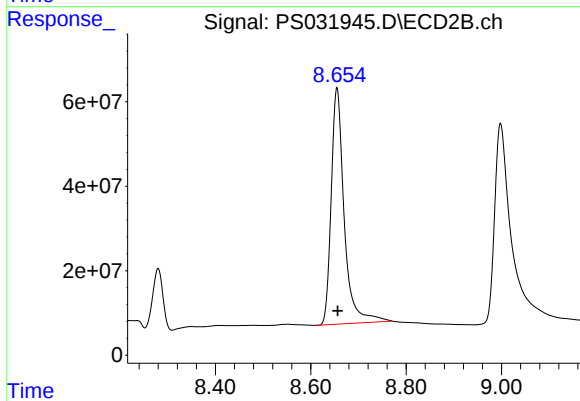
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 202989356
Conc: 72.46 ug/ml



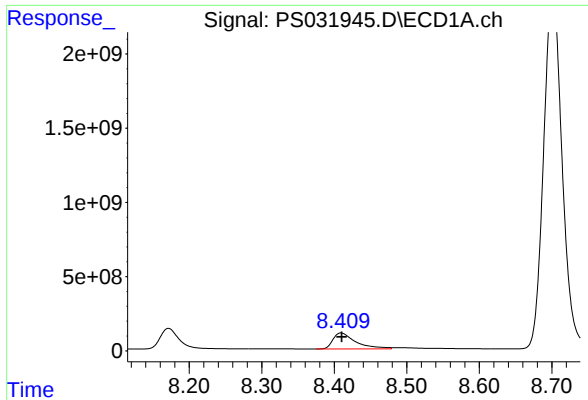
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 2499893250
Conc: 701.87 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 1060827928
Conc: 729.06 ng/ml



#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 2371306335
Conc: 692.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

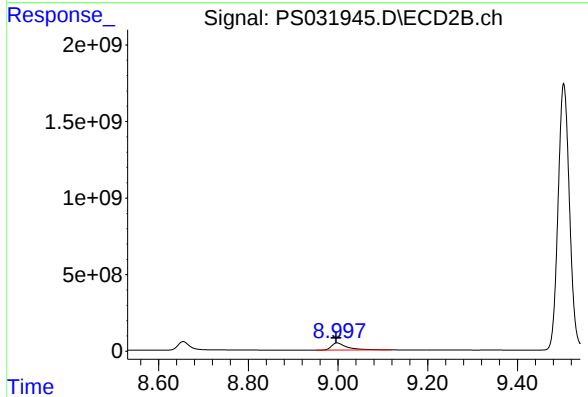
HSTDCCC750

Manual Integrations

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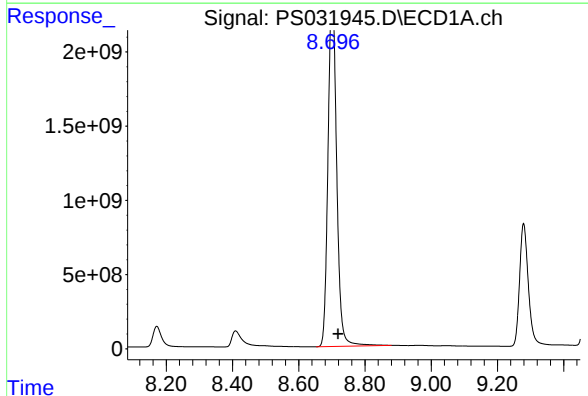
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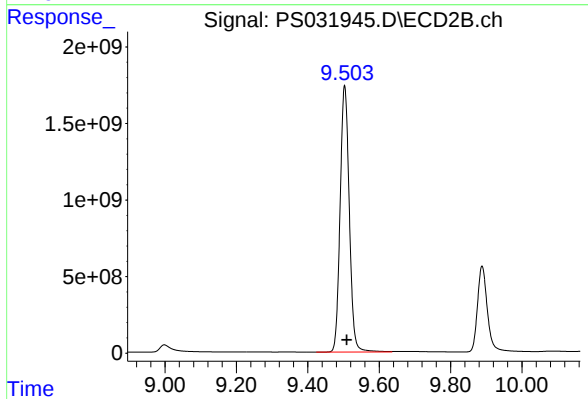
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 1142640206
Conc: 694.57 ng/ml



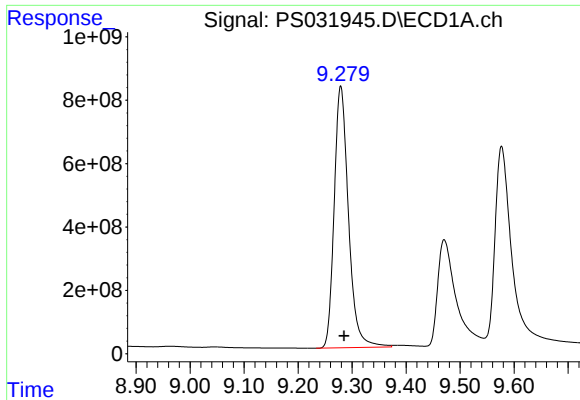
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.015 min
Response: 41881451774
Conc: 788.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 31024509045
Conc: 781.66 ng/ml



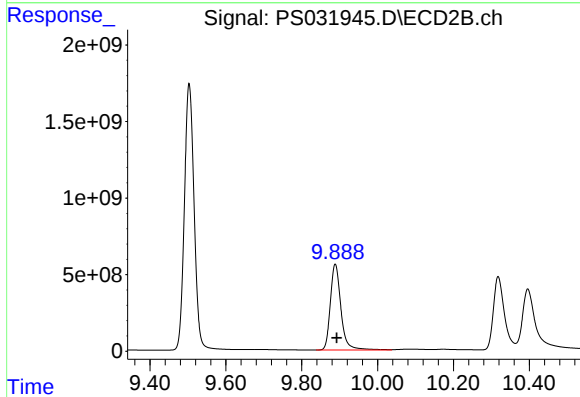
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: -0.006 min
Response: 15172258434
Conc: 723.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

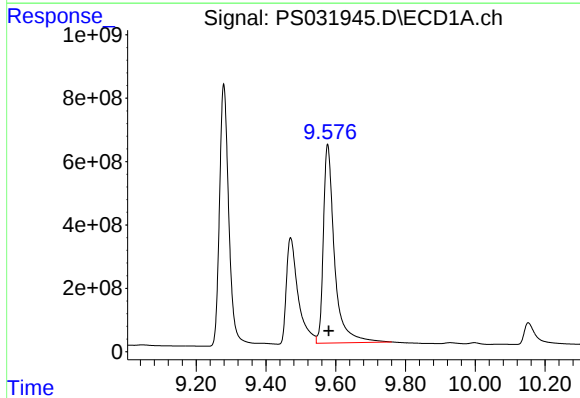
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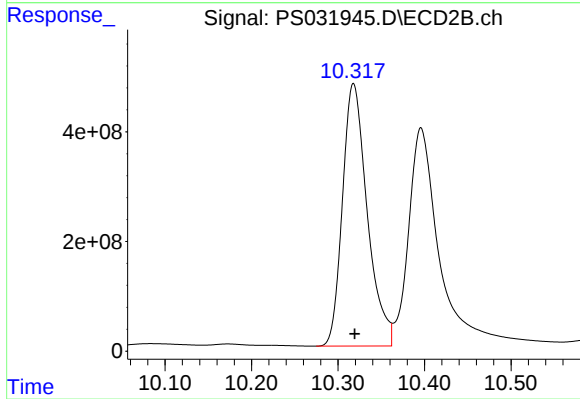
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.003 min
Response: 10833887699
Conc: 719.65 ng/ml



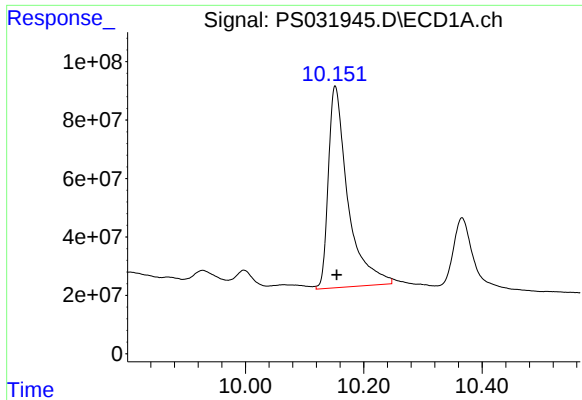
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.003 min
Response: 13910593604
Conc: 760.22 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 9513974359
Conc: 706.99 ng/ml



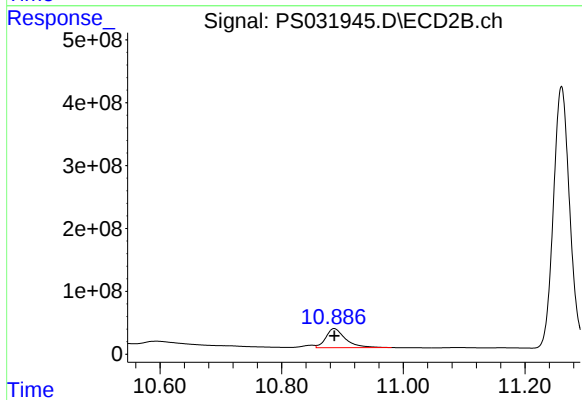
#13 2,4-DB

R.T.: 10.151 min
Delta R.T.: -0.003 min
Response: 1585733141
Conc: 679.77 ng/ml

Instrument :
ECD_S
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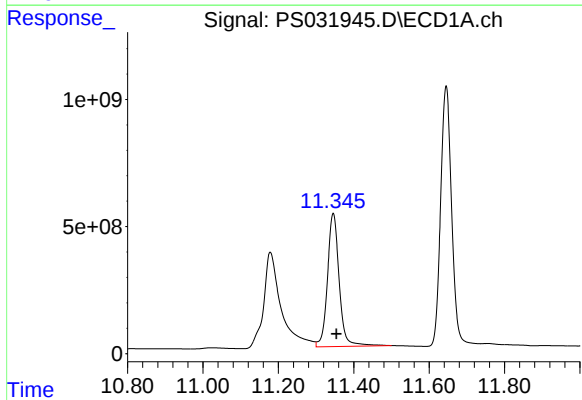
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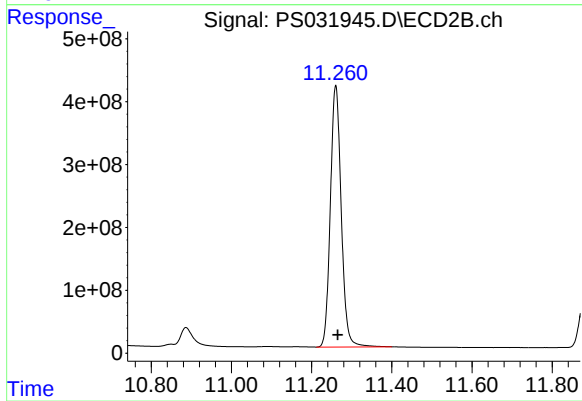
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 678808054
Conc: 634.37 ng/ml m



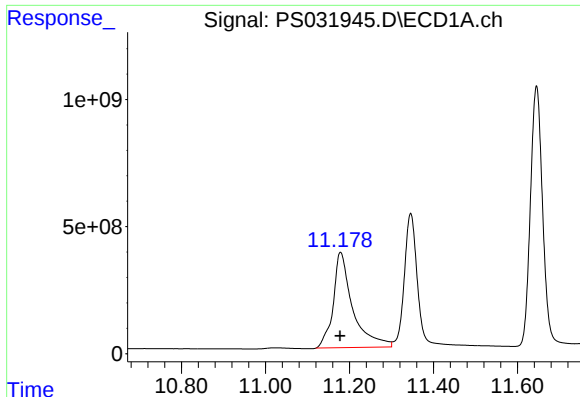
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.009 min
Response: 11292444524
Conc: 782.96 ng/ml



#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 7816057104
Conc: 804.06 ng/ml



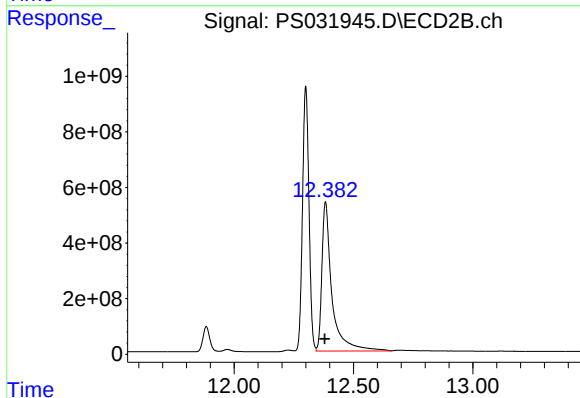
#15 Picloram

R.T.: 11.179 min
Delta R.T.: 0.000 min
Response: 12101956661
Conc: 671.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

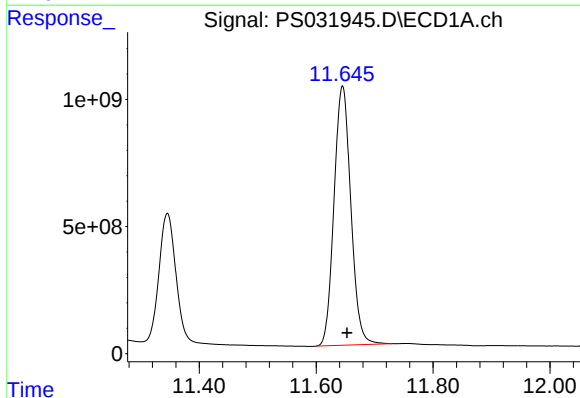
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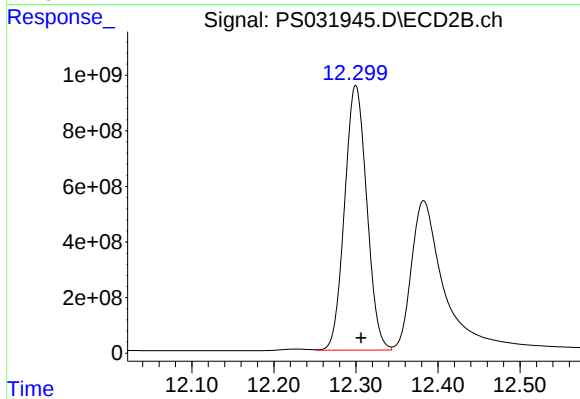
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 15767105068
Conc: 665.75 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: -0.008 min
Response: 20370970602
Conc: 755.88 ng/ml



#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 17893982254
Conc: 742.36 ng/ml