

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032425\
 Data File : PS029516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 13:39
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2025
 Supervised By : mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 14:13:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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	7.151	7.583	3105.6E6	680.5E6	750.507	782.684
Target Compounds							
1) T	Dalapon	2.593	2.633	3906.4E6	1405.9E6	696.399	696.582
2) T	3,5-DICHL...	6.335	6.566	4167.1E6	979.4E6	716.196	734.662
3) T	4-Nitroph...	6.950	7.118	1387.8E6	483.3E6	735.896	671.408
5) T	DICAMBA	7.333	7.774	12528.8E6	3714.8E6	698.656	724.769
6) T	MCPD	7.514	7.880	870.8E6	146.7E6	65.980	63.476
7) T	MCPA	7.662	8.116	1142.7E6	195.9E6	66.292	65.282
8) T	DICHLORPROP	8.033	8.477	3220.8E6	883.1E6	697.509	729.663
9) T	2,4-D	8.262	8.799	3227.5E6	867.1E6	713.486	722.099
10) T	Pentachlo...	8.559	9.311	43492.7E6	17153.5E6	774.970	739.617
11) T	2,4,5-TP ...	9.128	9.687	17607.4E6	6591.7E6	712.630	733.696
12) T	2,4,5-T	9.418	10.099	18008.8E6	5760.5E6	723.014	739.042
13) T	2,4-DB	9.987	10.659	2718.9E6	535.6E6	743.796	711.771m
14) T	DINOSEB	11.179	11.032	11688.1E6	3909.0E6	671.457	677.259
15) T	Picloram	10.996	12.098	21053.5E6	7805.9E6	698.881	687.809
16) T	DCPA	11.477	12.060	21839.5E6	9001.2E6	729.058	752.845m

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

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Acq On : 24 Mar 2025 13:39
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

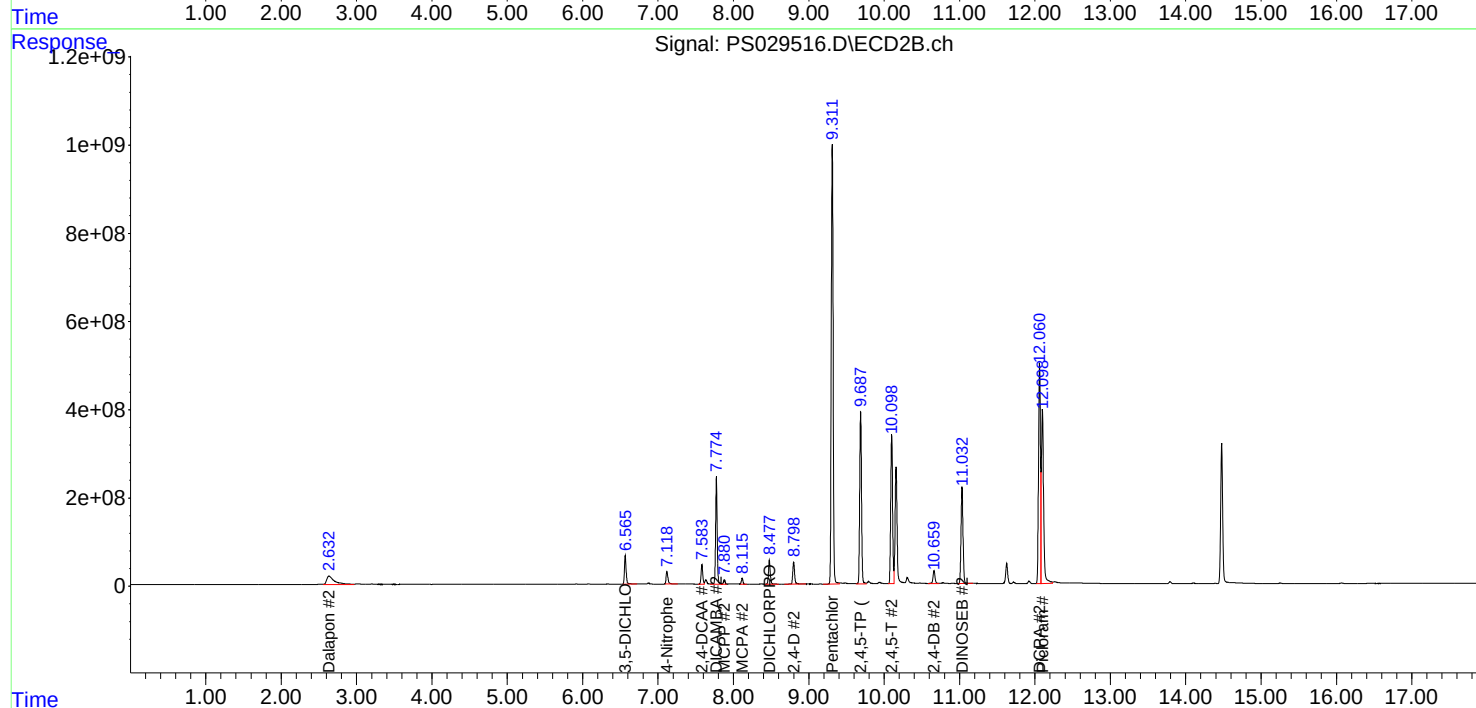
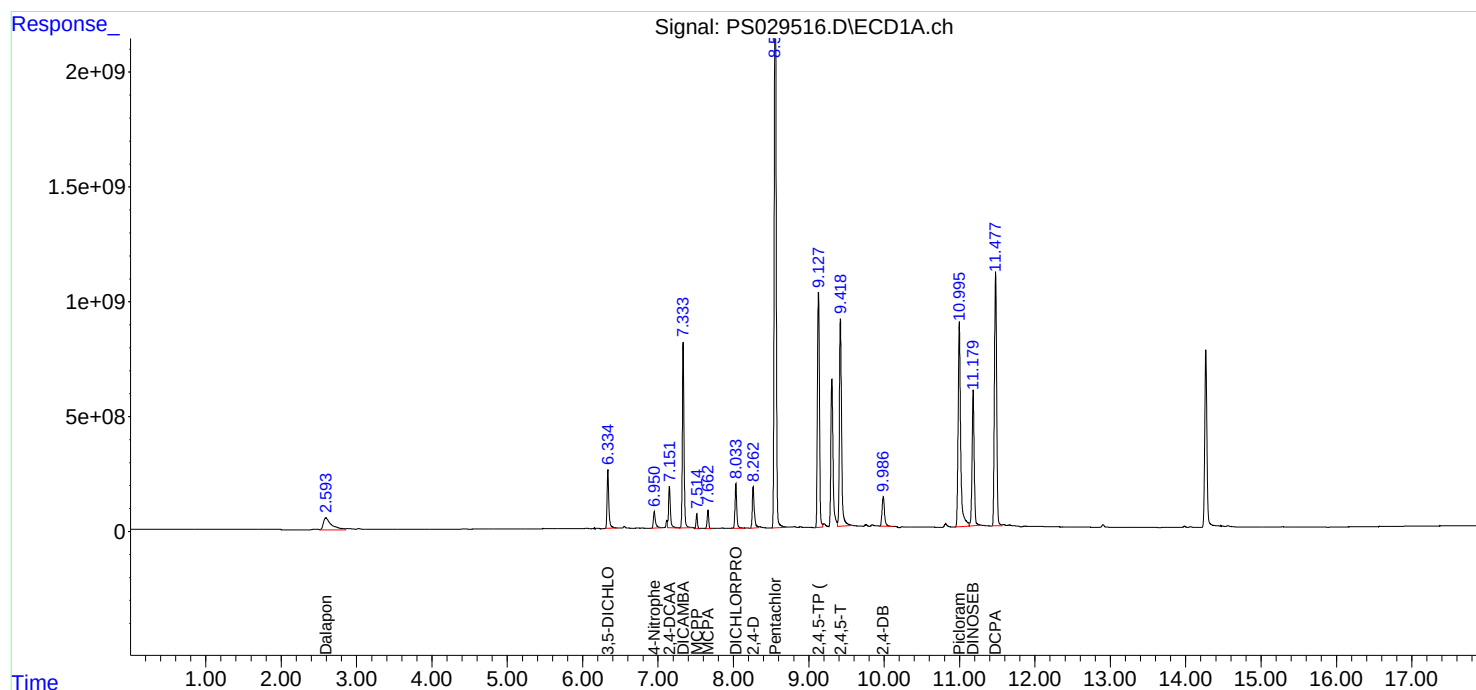
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

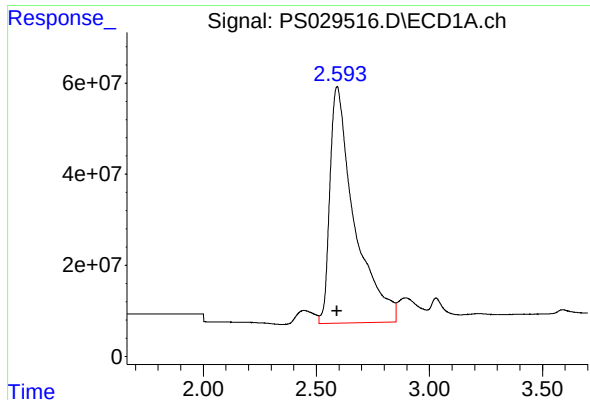
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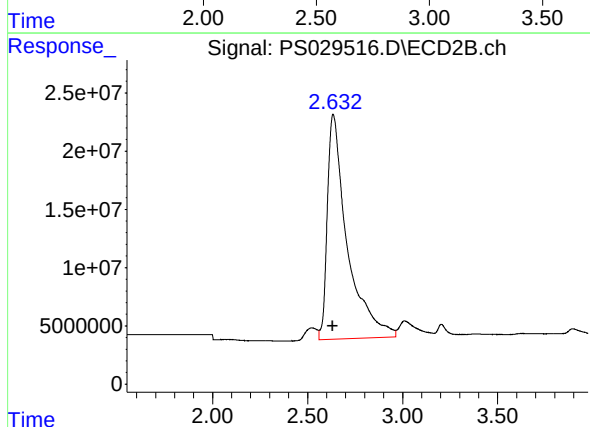
#1 Dalapon

R.T.: 2.593 min
Delta R.T.: 0.002 min
Response: 3906435821
Conc: 696.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

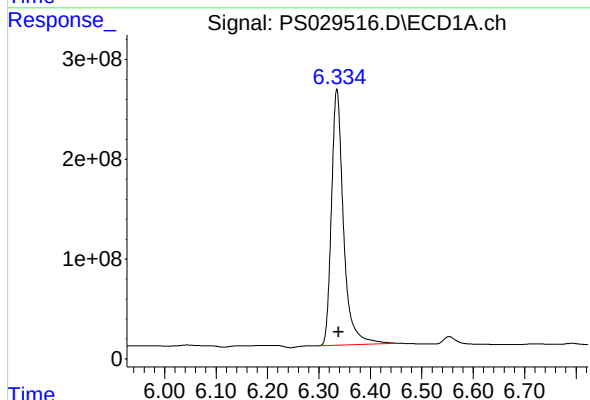
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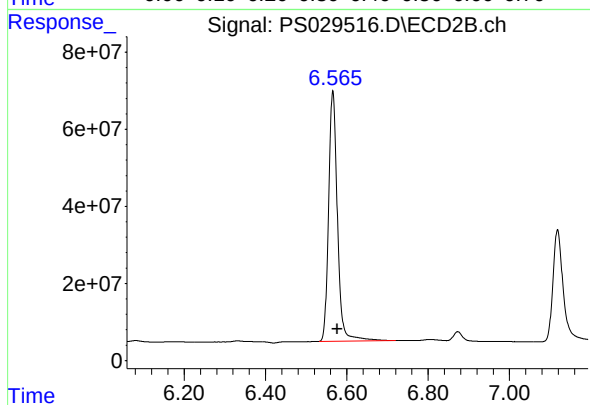
#1 Dalapon

R.T.: 2.633 min
Delta R.T.: 0.002 min
Response: 1405886270
Conc: 696.58 ng/ml



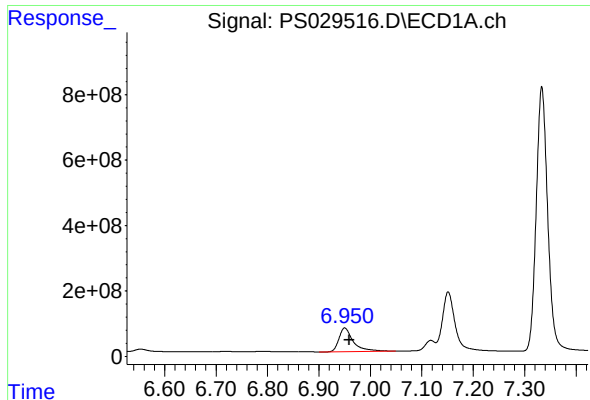
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 4167122603
Conc: 716.20 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.566 min
Delta R.T.: -0.011 min
Response: 979395925
Conc: 734.66 ng/ml



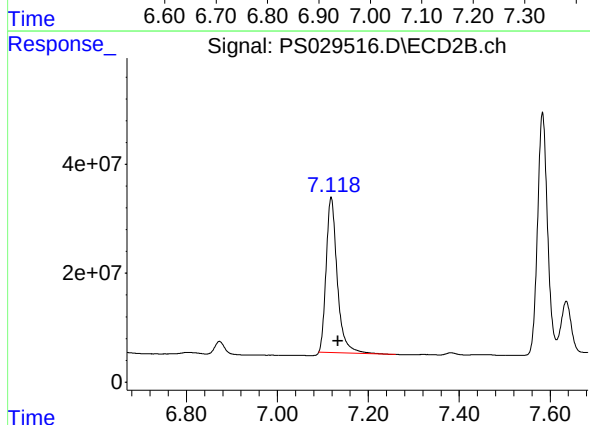
#3 4-Nitrophenol

R.T.: 6.950 min
Delta R.T.: -0.009 min
Response: 1387756832
Conc: 735.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

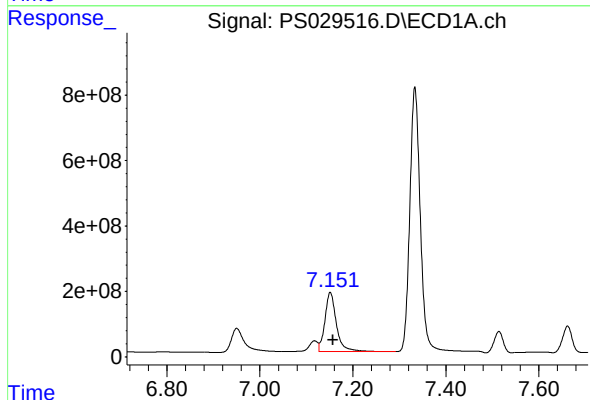
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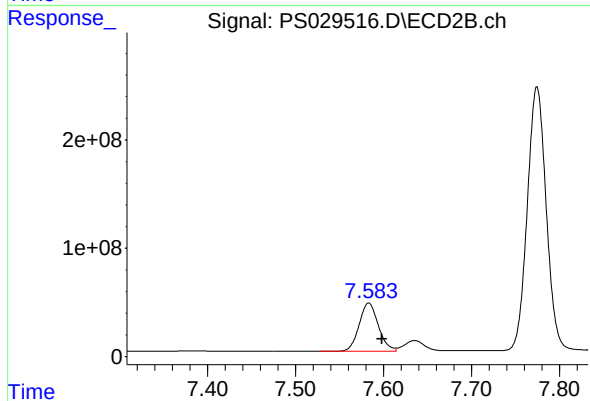
#3 4-Nitrophenol

R.T.: 7.118 min
Delta R.T.: -0.015 min
Response: 483324394
Conc: 671.41 ng/ml



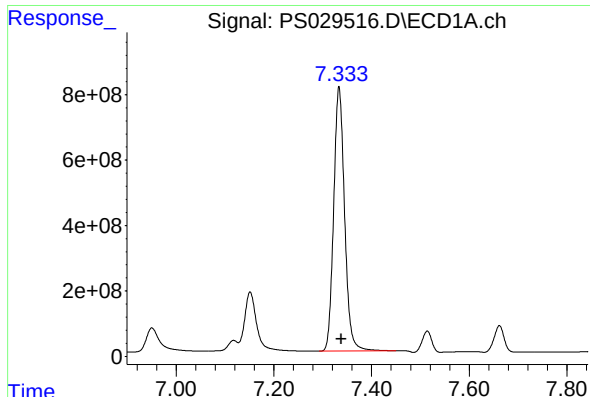
#4 2,4-DCAA

R.T.: 7.151 min
Delta R.T.: -0.006 min
Response: 3105618108
Conc: 750.51 ng/ml



#4 2,4-DCAA

R.T.: 7.583 min
Delta R.T.: -0.015 min
Response: 680536509
Conc: 782.68 ng/ml



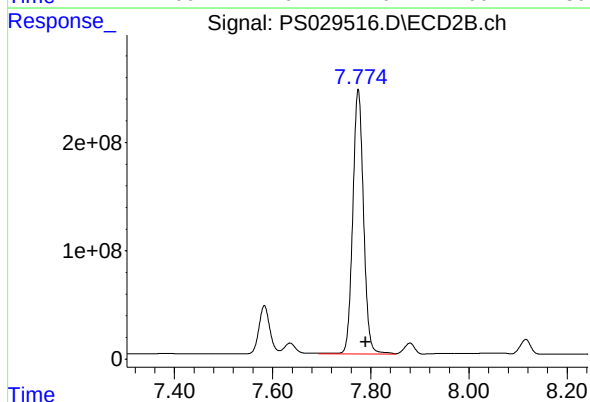
#5 DICAMBA

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 12528840871
Conc: 698.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

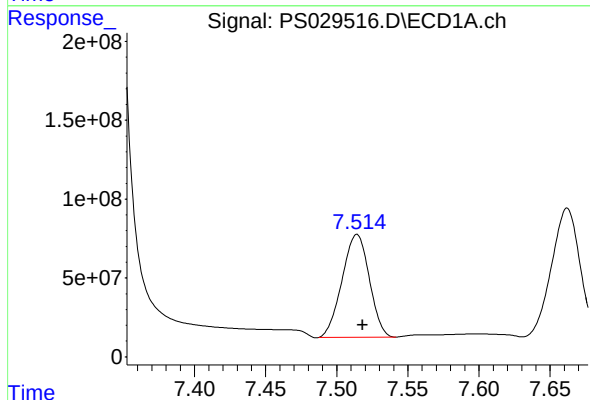
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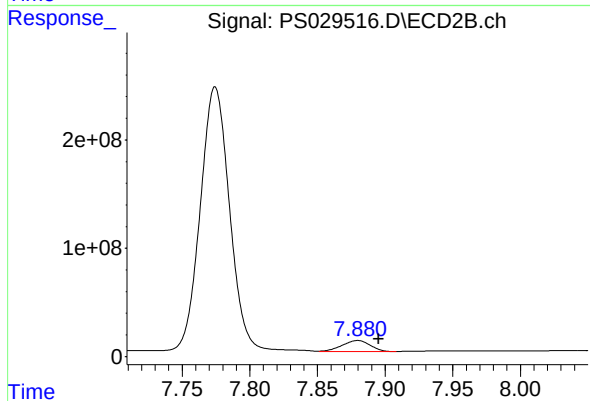
#5 DICAMBA

R.T.: 7.774 min
Delta R.T.: -0.016 min
Response: 3714830913
Conc: 724.77 ng/ml



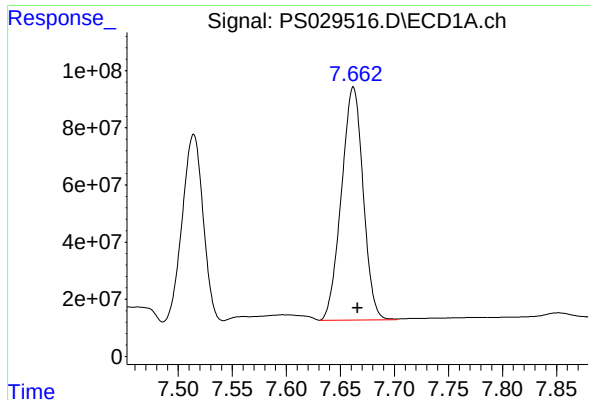
#6 MCPP

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 870825659
Conc: 65.98 ug/ml



#6 MCPP

R.T.: 7.880 min
Delta R.T.: -0.016 min
Response: 146698983
Conc: 63.48 ug/ml



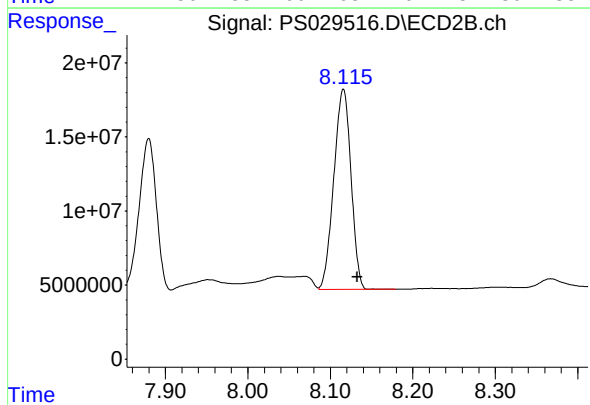
#7 MCPA

R.T.: 7.662 min
Delta R.T.: -0.004 min
Response: 1142700332
Conc: 66.29 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

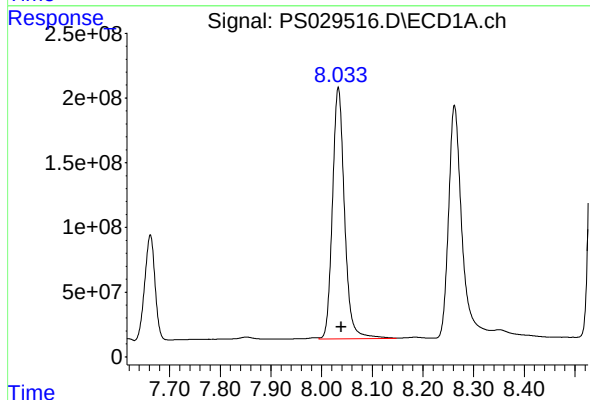
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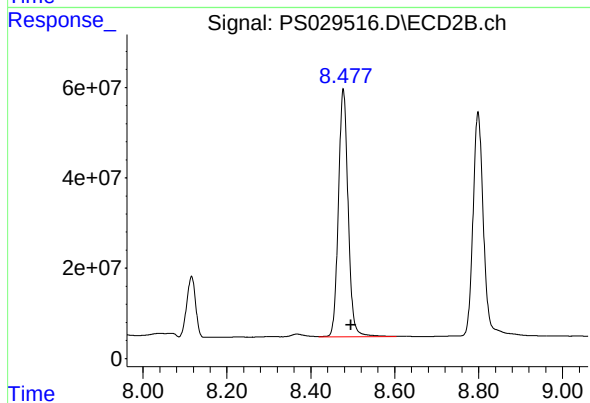
#7 MCPA

R.T.: 8.116 min
Delta R.T.: -0.017 min
Response: 195914311
Conc: 65.28 ug/ml



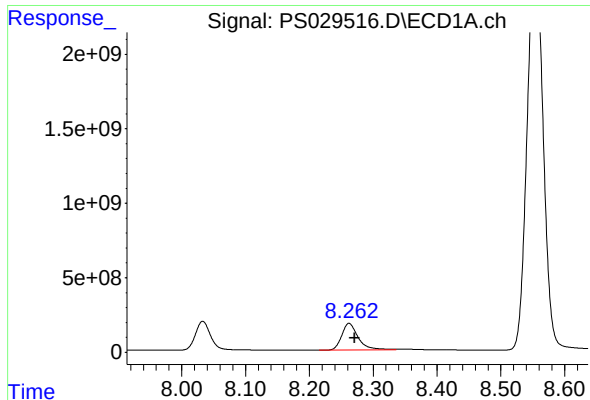
#8 DICHLORPROP

R.T.: 8.033 min
Delta R.T.: -0.006 min
Response: 3220828707
Conc: 697.51 ng/ml



#8 DICHLORPROP

R.T.: 8.477 min
Delta R.T.: -0.018 min
Response: 883097567
Conc: 729.66 ng/ml



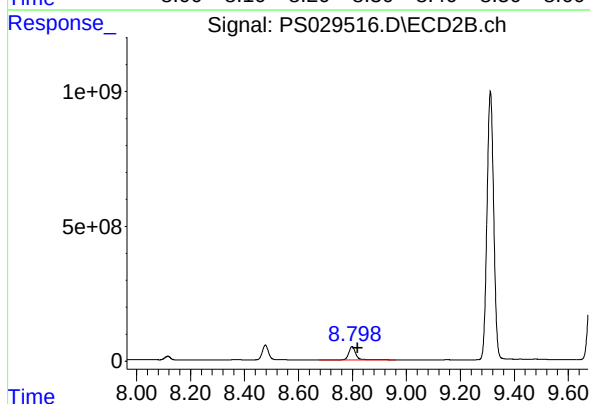
#9 2,4-D

R.T.: 8.262 min
Delta R.T.: -0.009 min
Response: 3227507008
Conc: 713.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

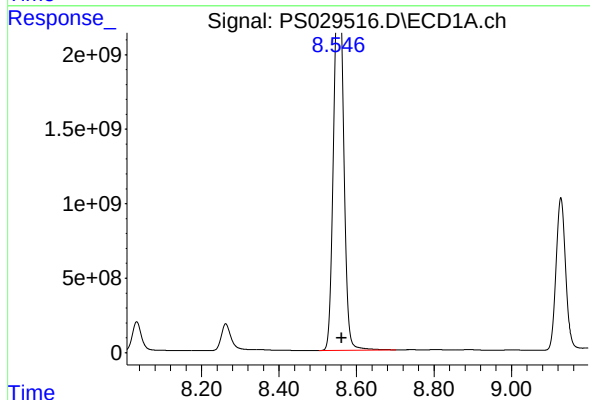
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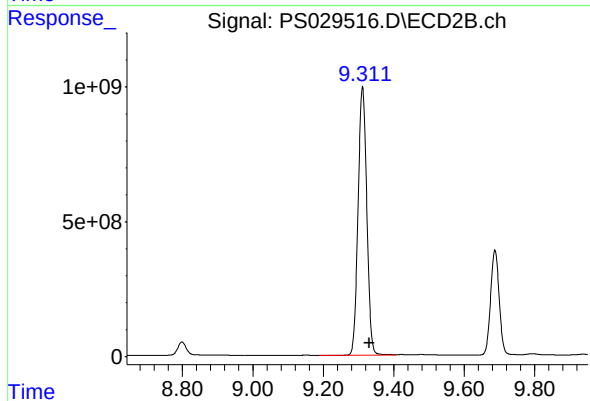
#9 2,4-D

R.T.: 8.799 min
Delta R.T.: -0.021 min
Response: 867069231
Conc: 722.10 ng/ml



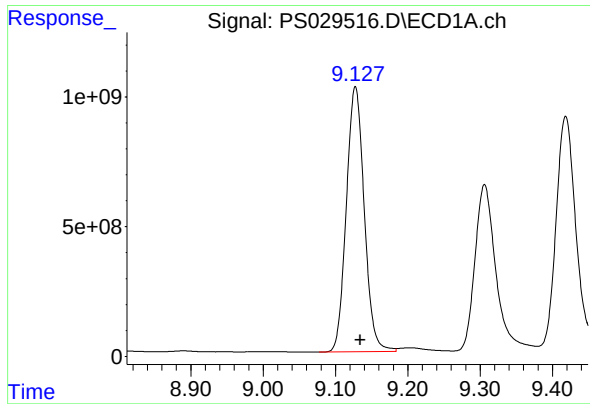
#10 Pentachlorophenol

R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 43492665816
Conc: 774.97 ng/ml



#10 Pentachlorophenol

R.T.: 9.311 min
Delta R.T.: -0.020 min
Response: 17153473329
Conc: 739.62 ng/ml



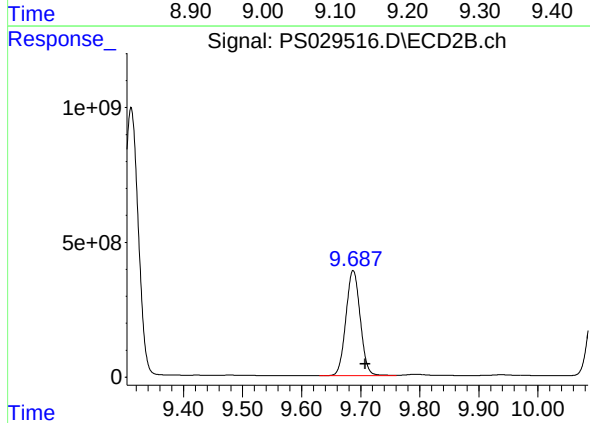
#11 2,4,5-TP (SILVEX)

R.T.: 9.128 min
Delta R.T.: -0.007 min
Response: 17607353817
Conc: 712.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

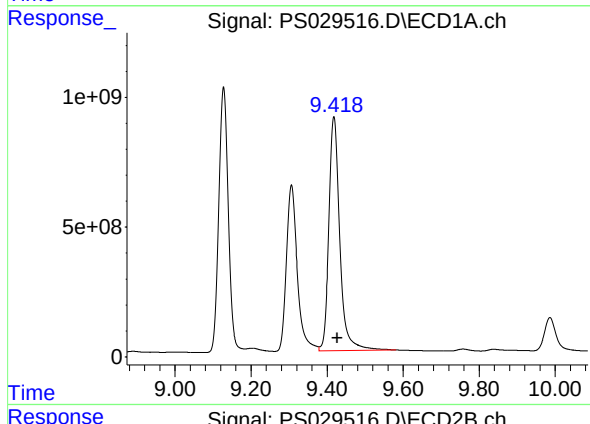
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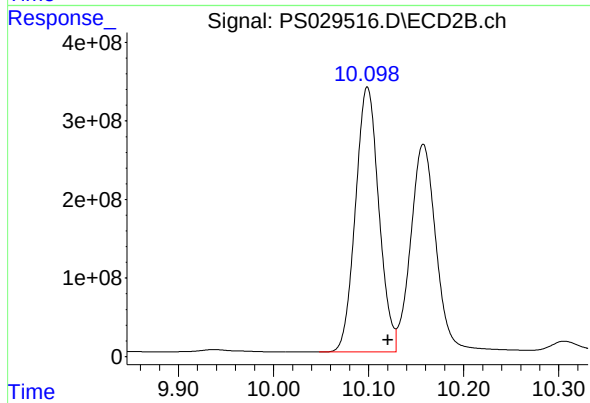
#11 2,4,5-TP (SILVEX)

R.T.: 9.687 min
Delta R.T.: -0.020 min
Response: 6591674699
Conc: 733.70 ng/ml



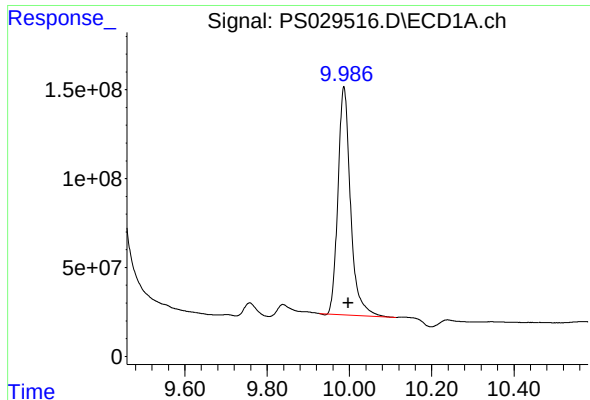
#12 2,4,5-T

R.T.: 9.418 min
Delta R.T.: -0.009 min
Response: 18008823113
Conc: 723.01 ng/ml



#12 2,4,5-T

R.T.: 10.099 min
Delta R.T.: -0.021 min
Response: 5760460178
Conc: 739.04 ng/ml



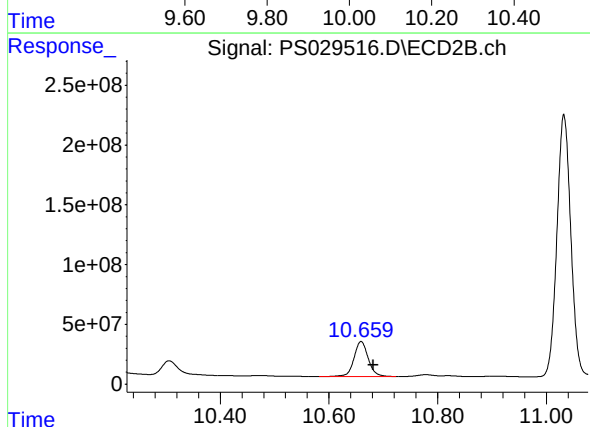
#13 2,4-DB

R.T.: 9.987 min
Delta R.T.: -0.011 min
Response: 2718908121
Conc: 743.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

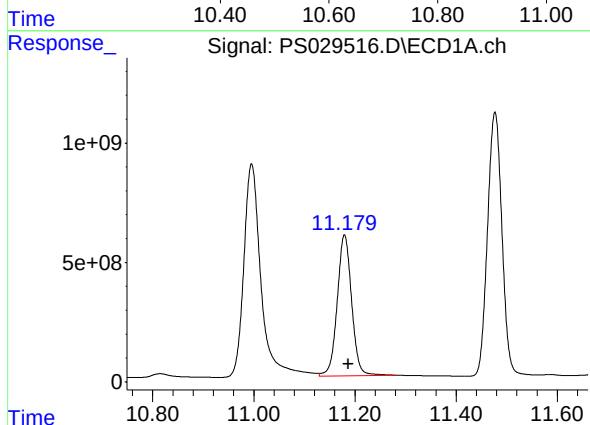
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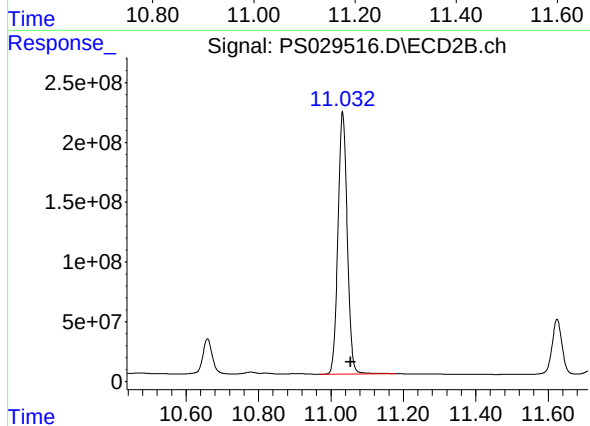
#13 2,4-DB

R.T.: 10.659 min
Delta R.T.: -0.023 min
Response: 535606360
Conc: 711.77 ng/ml m



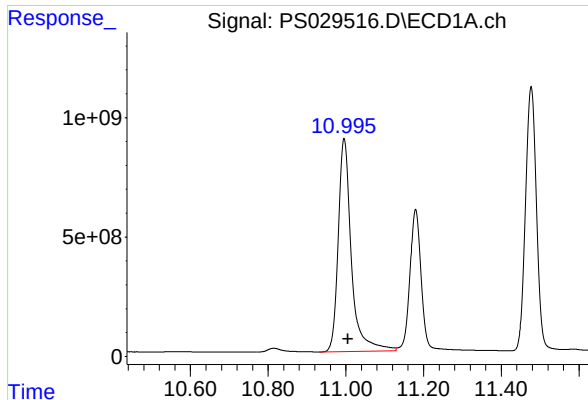
#14 DINOSEB

R.T.: 11.179 min
Delta R.T.: -0.007 min
Response: 11688059845
Conc: 671.46 ng/ml



#14 DINOSEB

R.T.: 11.032 min
Delta R.T.: -0.022 min
Response: 3909026938
Conc: 677.26 ng/ml



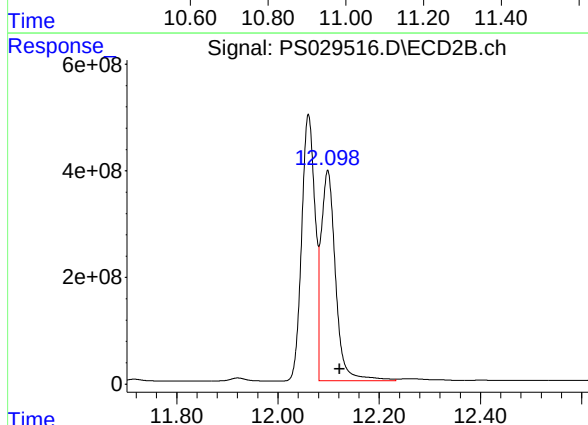
#15 Picloram

R.T.: 10.996 min
Delta R.T.: -0.010 min
Response: 21053460449
Conc: 698.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

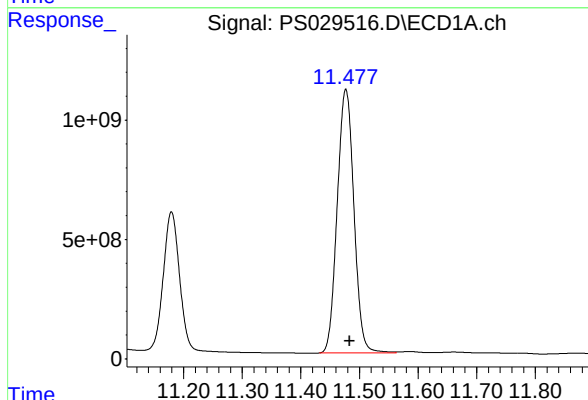
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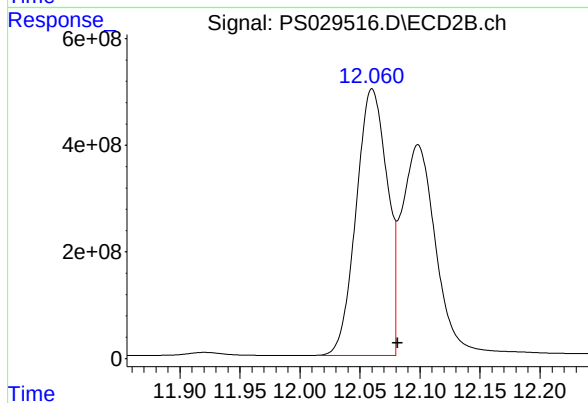
#15 Picloram

R.T.: 12.098 min
Delta R.T.: -0.023 min
Response: 7805910057
Conc: 687.81 ng/ml



#16 DCPA

R.T.: 11.477 min
Delta R.T.: -0.007 min
Response: 21839506614
Conc: 729.06 ng/ml



#16 DCPA

R.T.: 12.060 min
Delta R.T.: -0.022 min
Response: 9001216801
Conc: 752.84 ng/ml m