

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031725\
 Data File : PS029443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 10:56
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2025
 Supervised By : mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:42:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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	7.155	7.617	3130.5E6	647.4E6	759.722	688.512
Target Compounds							
1) T	Dalapon	2.602	2.644	4017.5E6	1447.1E6	727.775	683.530
2) T	3,5-DICHL...	6.338	6.593	4170.6E6	922.1E6	712.780	651.125
3) T	4-Nitroph...	6.958	7.150	1437.7E6	488.9E6	614.344	612.966
5) T	DICAMBA	7.337	7.809	12848.7E6	3542.1E6	739.879	687.398m
6) T	MCPD	7.518	7.915	861.7E6	151.7E6	69.913	64.852
7) T	MCPA	7.665	8.153	1204.5E6	208.6E6	71.083	65.412
8) T	DICHLORPROP	8.037	8.518	3275.3E6	855.5E6	712.561	669.007
9) T	2,4-D	8.268	8.843	3267.2E6	814.6E6	687.779	641.448
10) T	Pentachlo...	8.562	9.358	44219.9E6	16567.1E6	757.759	719.912
11) T	2,4,5-TP ...	9.133	9.736	18153.2E6	6402.1E6	738.329	708.452
12) T	2,4,5-T	9.425	10.150	18328.3E6	5521.7E6	719.074	672.537
13) T	2,4-DB	9.994	10.712	2589.3E6	509.3E6	620.121	665.244m
14) T	DINOSEB	11.185	11.087	11817.4E6	4043.0E6	710.573m	667.000m
15) T	Picloram	11.002	12.161	18644.0E6	6776.8E6	610.407	586.102
16) T	DCPA	11.482	12.120	22101.4E6	8586.3E6	736.627	725.410m

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

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Acq On : 17 Mar 2025 10:56
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

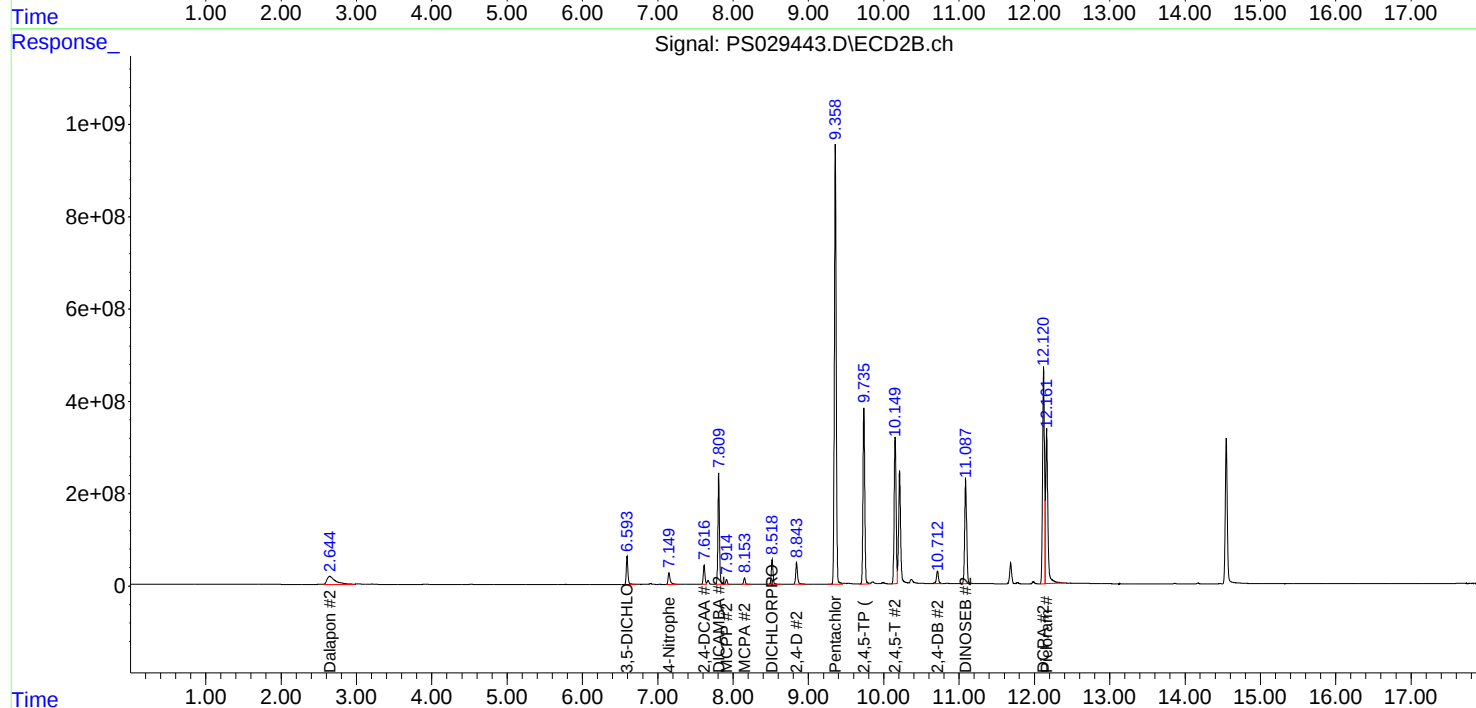
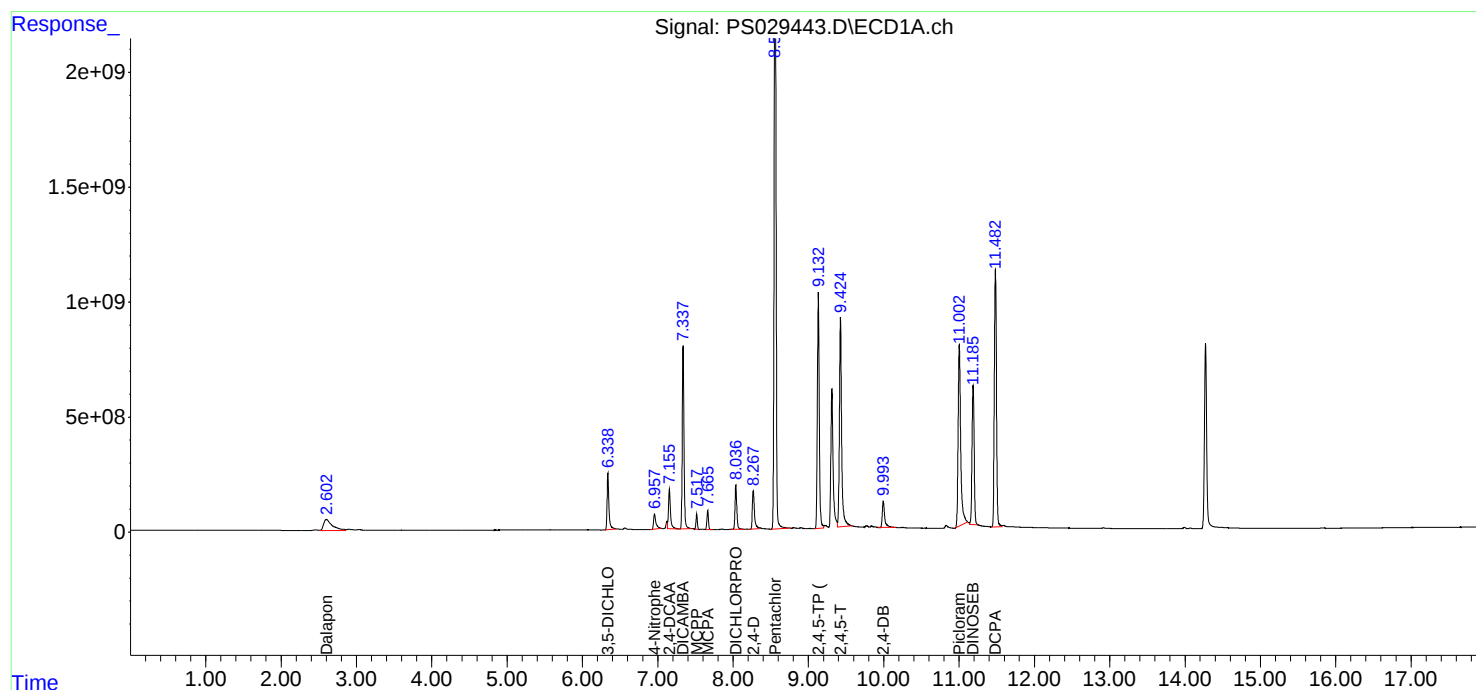
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

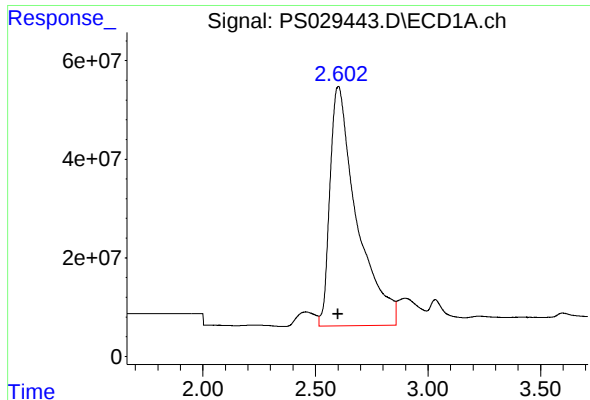
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:42:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
Quant Title : 8080.M
QLast Update : Sat Feb 22 01:02:20 2025
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Integrator: 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





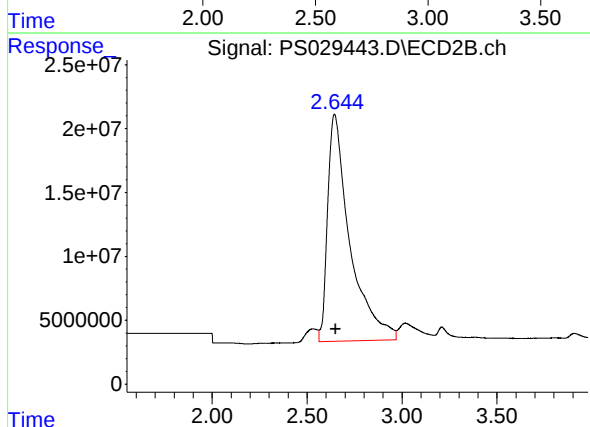
#1 Dalapon

R.T.: 2.602 min
Delta R.T.: 0.002 min
Response: 4017526939
Conc: 727.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

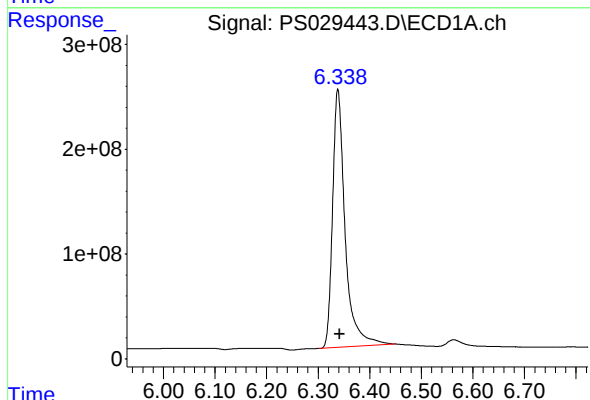
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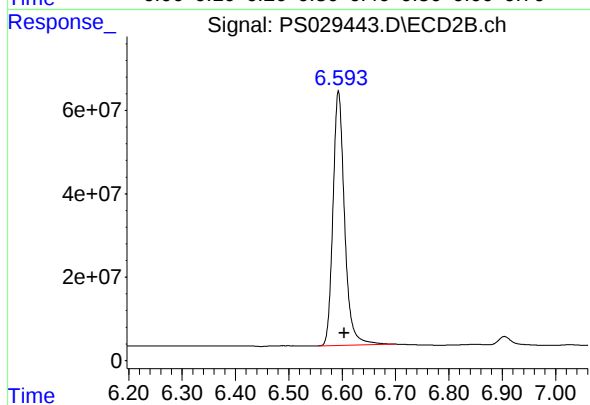
#1 Dalapon

R.T.: 2.644 min
Delta R.T.: -0.007 min
Response: 1447114690
Conc: 683.53 ng/ml



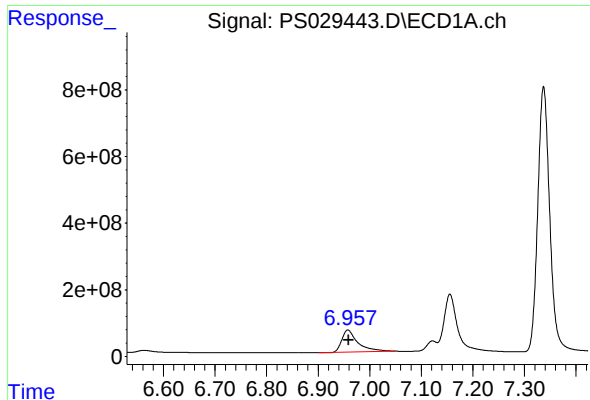
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 4170563510
Conc: 712.78 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 922067995
Conc: 651.13 ng/ml



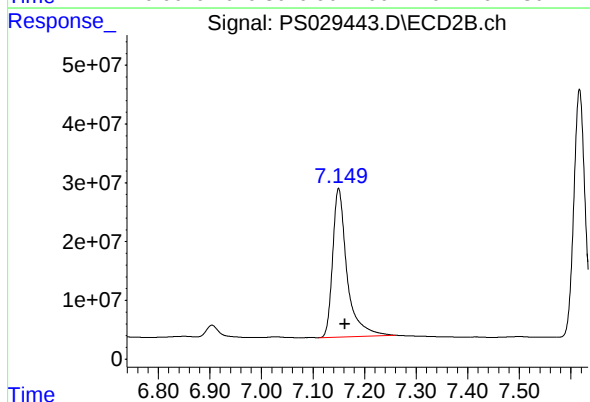
#3 4-Nitrophenol

R.T.: 6.958 min
Delta R.T.: -0.001 min
Response: 1437677405
Conc: 614.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

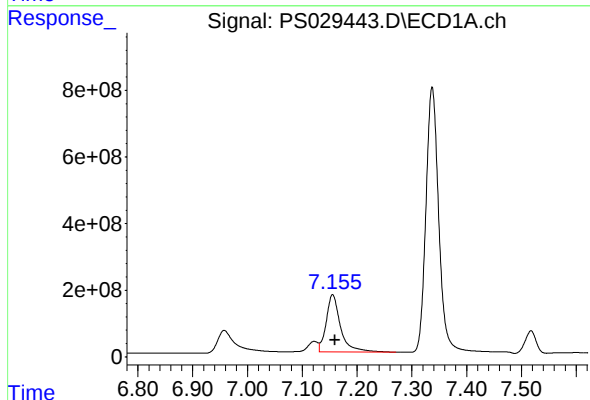
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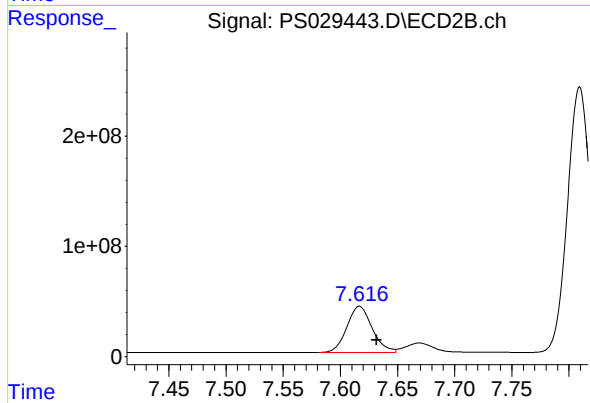
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: -0.012 min
Response: 488870102
Conc: 612.97 ng/ml



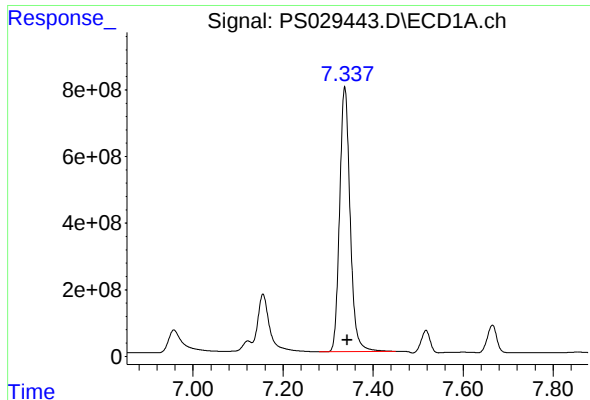
#4 2,4-DCAA

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 3130492304
Conc: 759.72 ng/ml



#4 2,4-DCAA

R.T.: 7.617 min
Delta R.T.: -0.015 min
Response: 647430712
Conc: 688.51 ng/ml



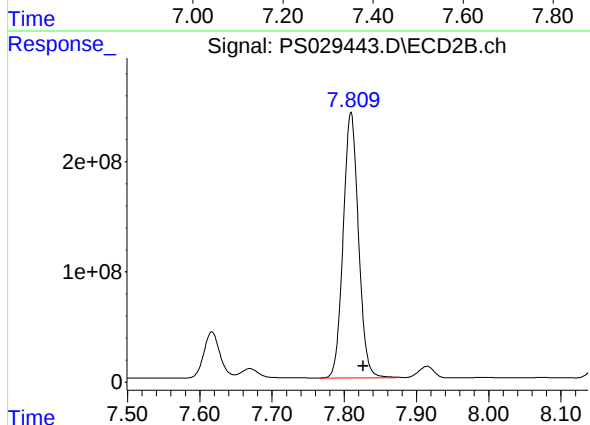
#5 DICAMBA

R.T.: 7.337 min
Delta R.T.: -0.005 min
Response: 12848695000
Conc: 739.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

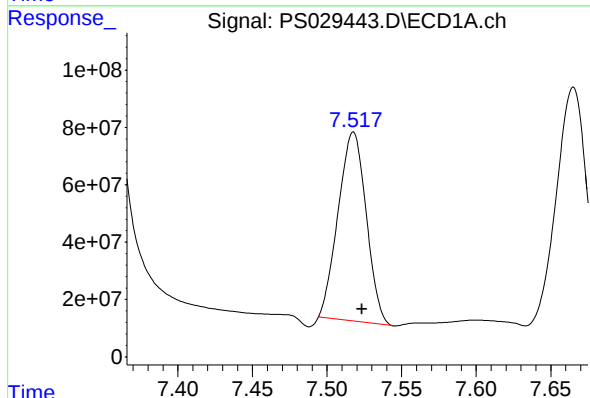
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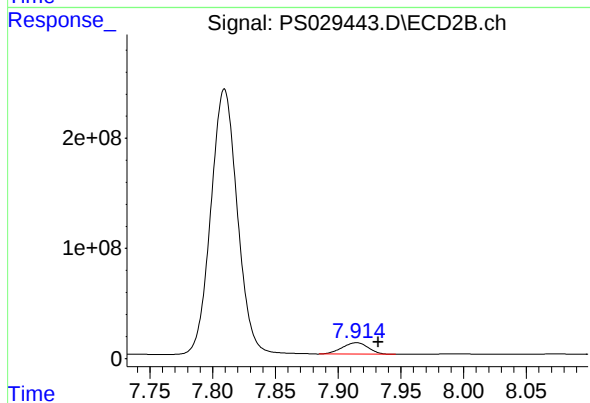
#5 DICAMBA

R.T.: 7.809 min
Delta R.T.: -0.017 min
Response: 3542140913
Conc: 687.40 ng/ml m



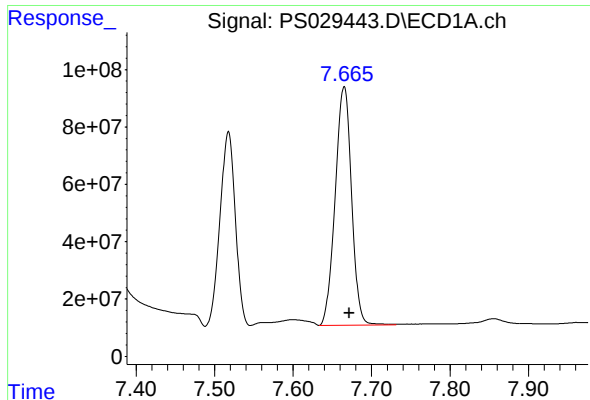
#6 MCPP

R.T.: 7.518 min
Delta R.T.: -0.006 min
Response: 861725721
Conc: 69.91 ug/ml



#6 MCPP

R.T.: 7.915 min
Delta R.T.: -0.017 min
Response: 151699249
Conc: 64.85 ug/ml



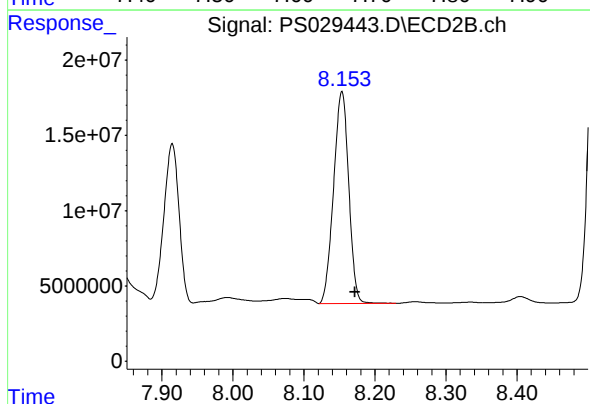
#7 MCPA

R.T.: 7.665 min
Delta R.T.: -0.006 min
Response: 1204529327
Conc: 71.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

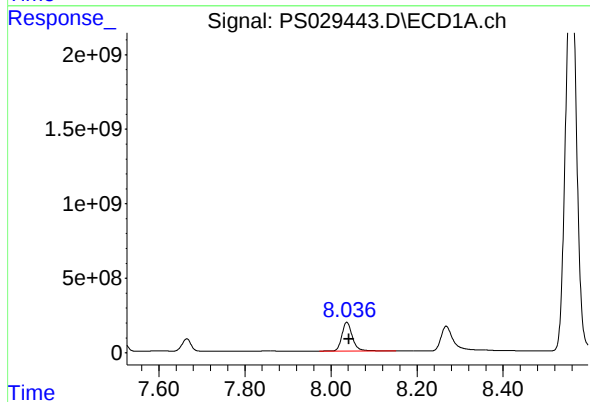
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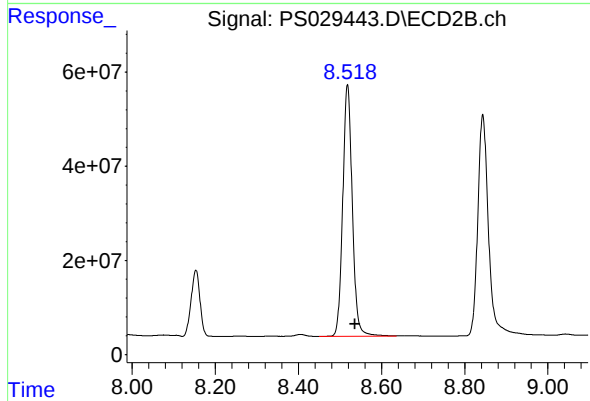
#7 MCPA

R.T.: 8.153 min
Delta R.T.: -0.018 min
Response: 208644244
Conc: 65.41 ug/ml



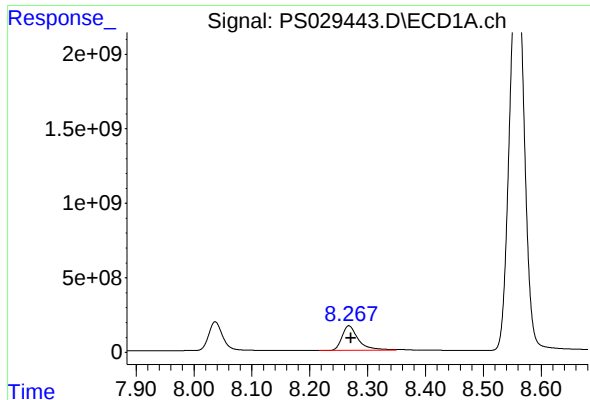
#8 DICHLORPROP

R.T.: 8.037 min
Delta R.T.: -0.005 min
Response: 3275256465
Conc: 712.56 ng/ml



#8 DICHLORPROP

R.T.: 8.518 min
Delta R.T.: -0.018 min
Response: 855498807
Conc: 669.01 ng/ml



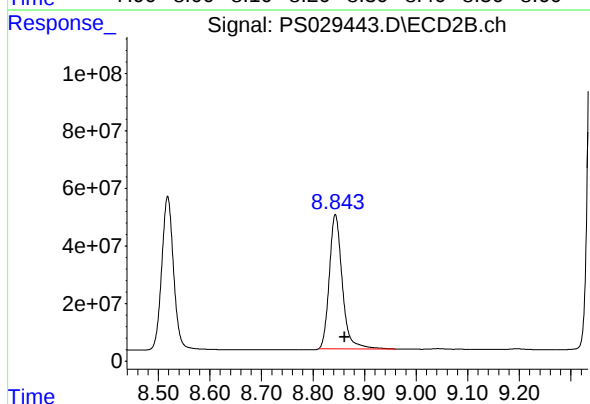
#9 2,4-D

R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 3267245328
Conc: 687.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

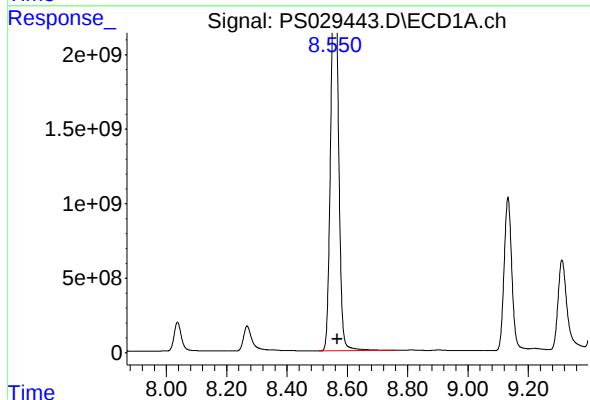
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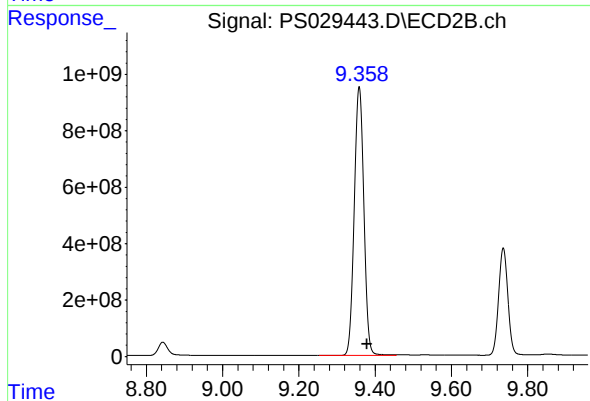
#9 2,4-D

R.T.: 8.843 min
Delta R.T.: -0.018 min
Response: 814572213
Conc: 641.45 ng/ml



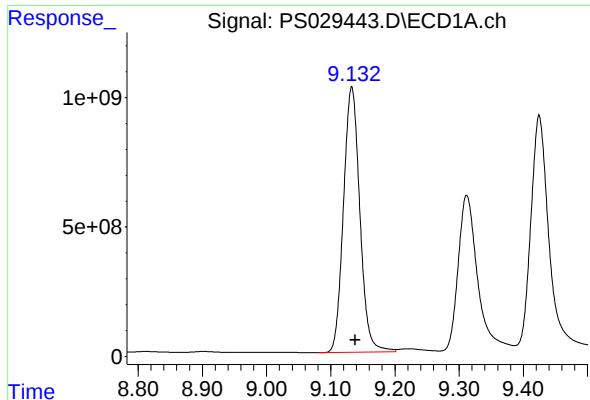
#10 Pentachlorophenol

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 44219909508
Conc: 757.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.358 min
Delta R.T.: -0.021 min
Response: 16567109945
Conc: 719.91 ng/ml



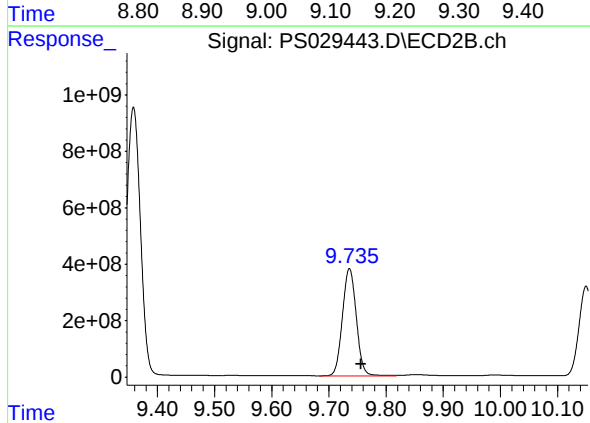
#11 2,4,5-TP (SILVEX)

R.T.: 9.133 min
Delta R.T.: -0.006 min
Response: 18153240357
Conc: 738.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

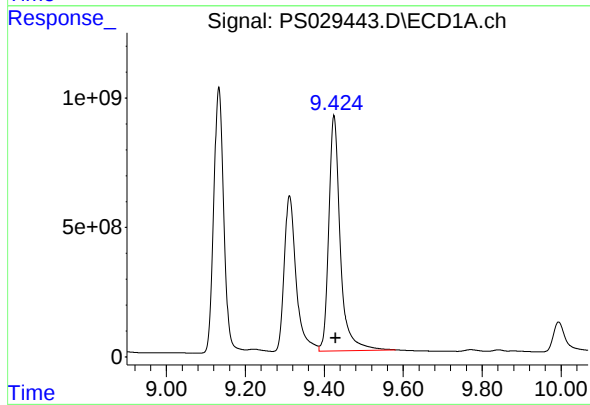
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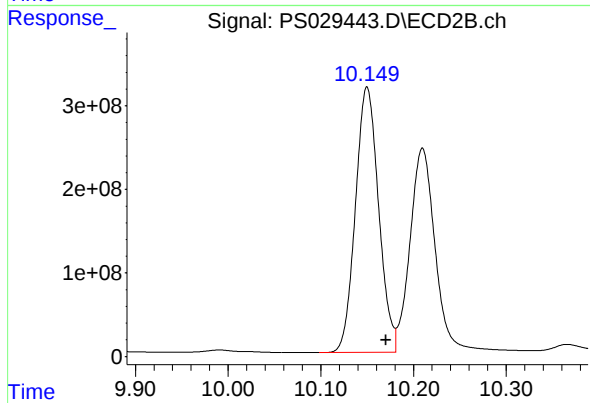
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.020 min
Response: 6402067112
Conc: 708.45 ng/ml



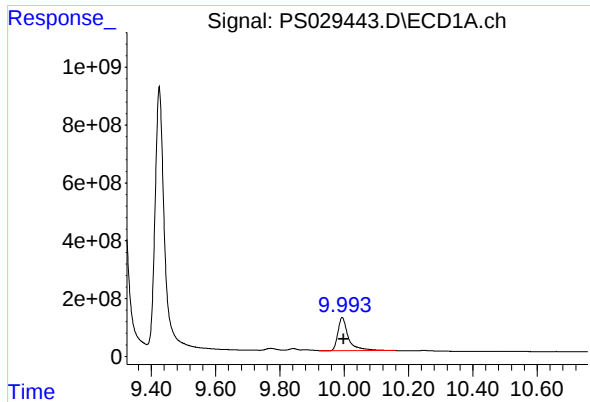
#12 2,4,5-T

R.T.: 9.425 min
Delta R.T.: -0.005 min
Response: 18328259020
Conc: 719.07 ng/ml



#12 2,4,5-T

R.T.: 10.150 min
Delta R.T.: -0.020 min
Response: 5521725693
Conc: 672.54 ng/ml



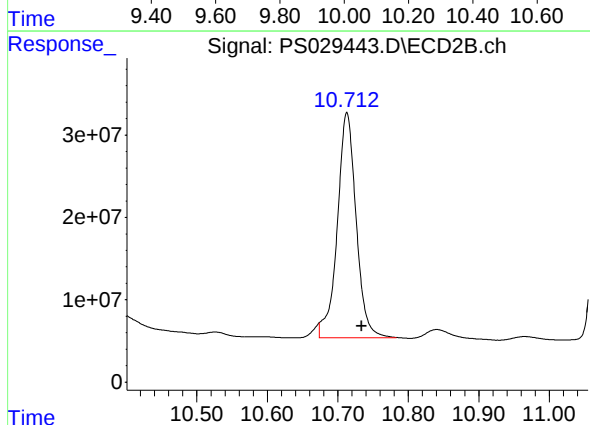
#13 2,4-DB

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 2589269733
Conc: 620.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

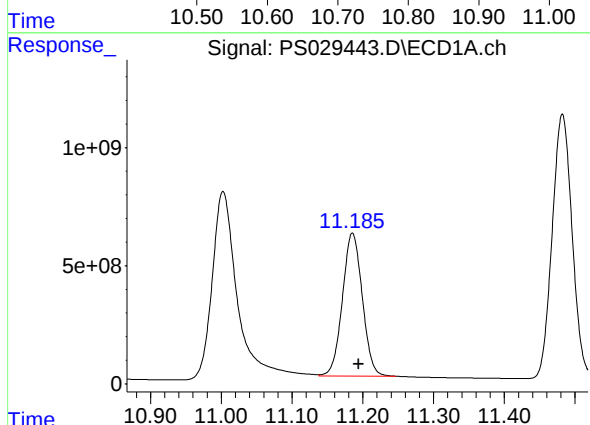
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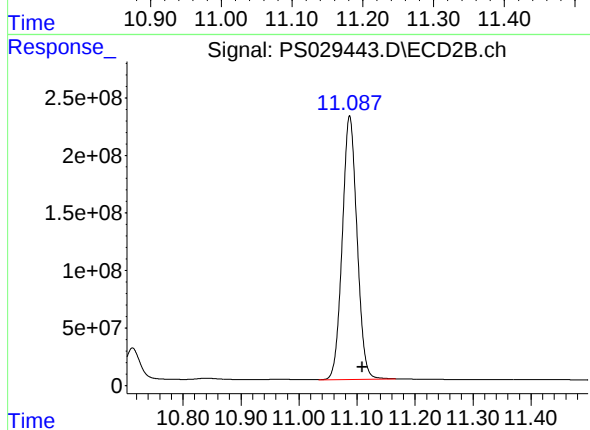
#13 2,4-DB

R.T.: 10.712 min
Delta R.T.: -0.021 min
Response: 509305330
Conc: 665.24 ng/ml



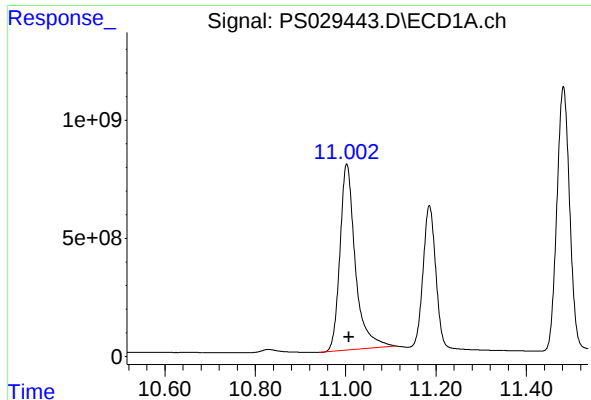
#14 DINOSEB

R.T.: 11.185 min
Delta R.T.: -0.010 min
Response: 11817424455
Conc: 710.57 ng/ml



#14 DINOSEB

R.T.: 11.087 min
Delta R.T.: -0.022 min
Response: 4043035748
Conc: 667.00 ng/ml



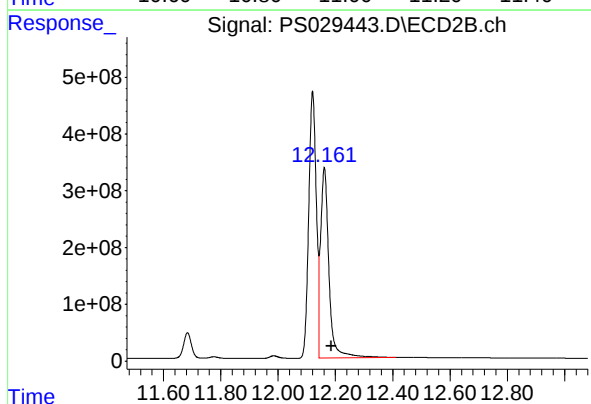
#15 Picloram

R.T.: 11.002 min
Delta R.T.: -0.004 min
Response: 18643957635
Conc: 610.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

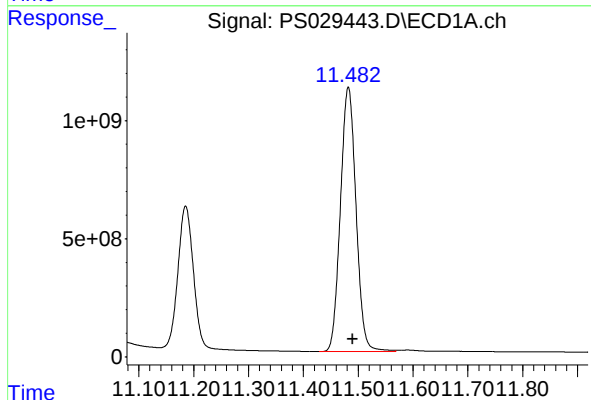
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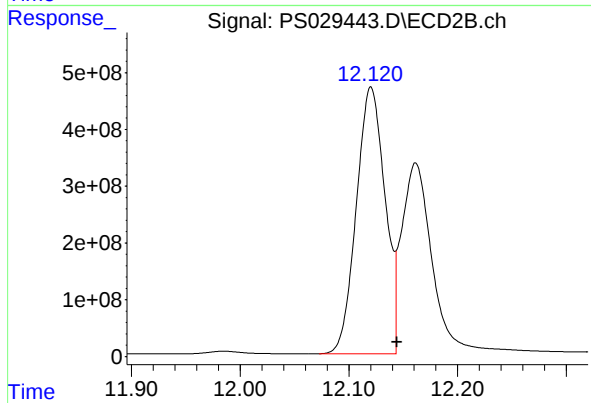
#15 Picloram

R.T.: 12.161 min
Delta R.T.: -0.024 min
Response: 6776762761
Conc: 586.10 ng/ml



#16 DCPA

R.T.: 11.482 min
Delta R.T.: -0.008 min
Response: 22101361179
Conc: 736.63 ng/ml



#16 DCPA

R.T.: 12.120 min
Delta R.T.: -0.024 min
Response: 8586348614
Conc: 725.41 ng/ml m