

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 12:07
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:09:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	2690.9E6	758.4E6	744.320m	750.000
Target Compounds							
1) T	Dalapon	2.716	2.710	3691.7E6	1793.7E6	682.500	682.500
2) T	3,5-DICHL...	6.524	6.717	3626.9E6	1043.0E6	697.500	697.500
3) T	4-Nitroph...	7.167	7.303	1207.0E6	1031.0E6	682.500	682.500
5) T	DICAMBA	7.561	7.977	10569.4E6	4406.8E6	705.000	705.000
6) T	MCP	7.744	8.077	702.1E6	161.8E6	70.500	70.500
7) T	MCPA	7.895	8.327	870.8E6	206.1E6	69.750	69.750
8) T	DICHLORPROP	8.279	8.698	2453.4E6	996.3E6	705.000	705.000
9) T	2,4-D	8.512	9.034	2489.8E6	1060.6E6	705.000	705.000
10) T	Pentachlo...	8.820	9.561	37628.4E6	25518.7E6	712.500	712.500
11) T	2,4,5-TP ...	9.404	9.942	14429.9E6	9502.8E6	712.500	712.500
12) T	2,4,5-T	9.697	10.368	13011.7E6	9066.3E6	712.500	712.500
13) T	2,4-DB	10.279	10.936	2128.7E6	787.8E6	712.500	712.500
14) T	DINOSEB	11.502	11.321	9877.2E6	6881.7E6	705.000	705.000
15) T	Picloram	11.307	12.430	14134.3E6	15599.4E6	712.500	712.500
16) T	DCPA	11.797	12.366	18644.2E6	14436.2E6	720.000	720.000

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

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Acq On : 04 Jun 2025 12:07
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

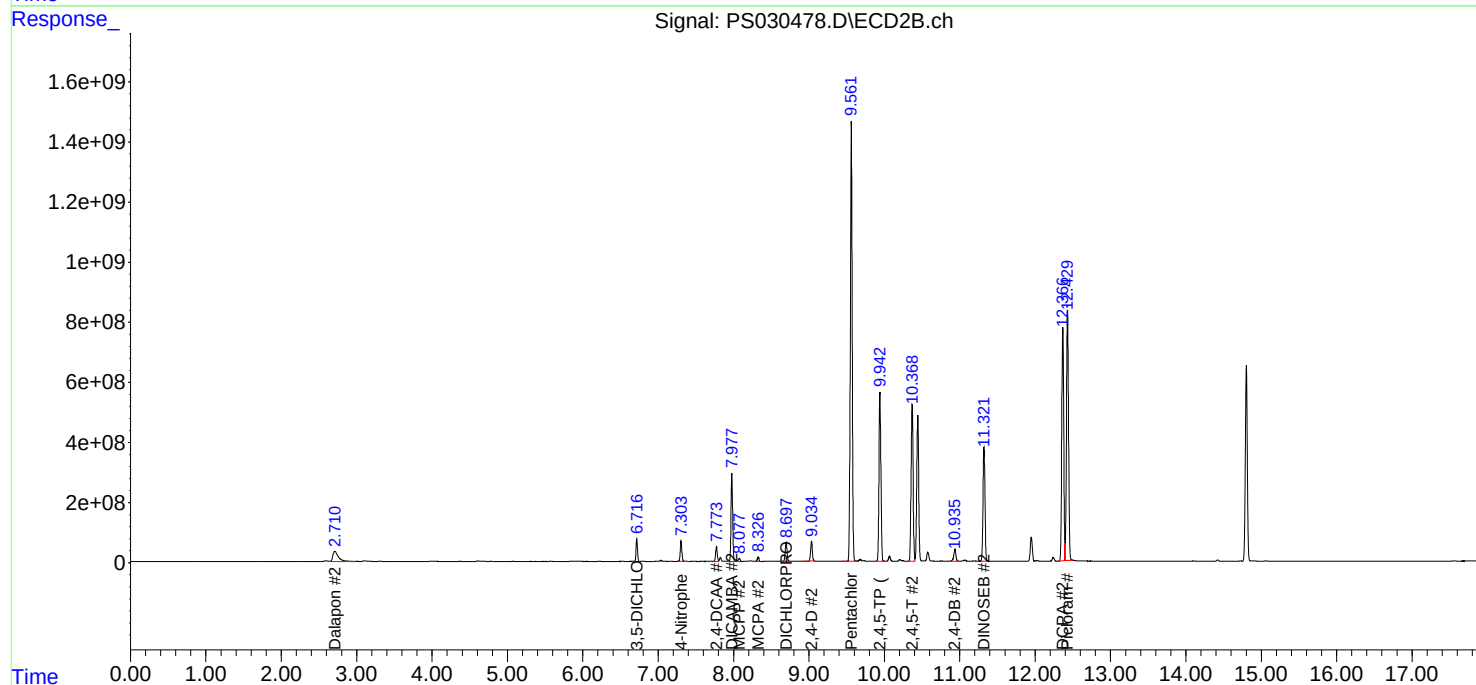
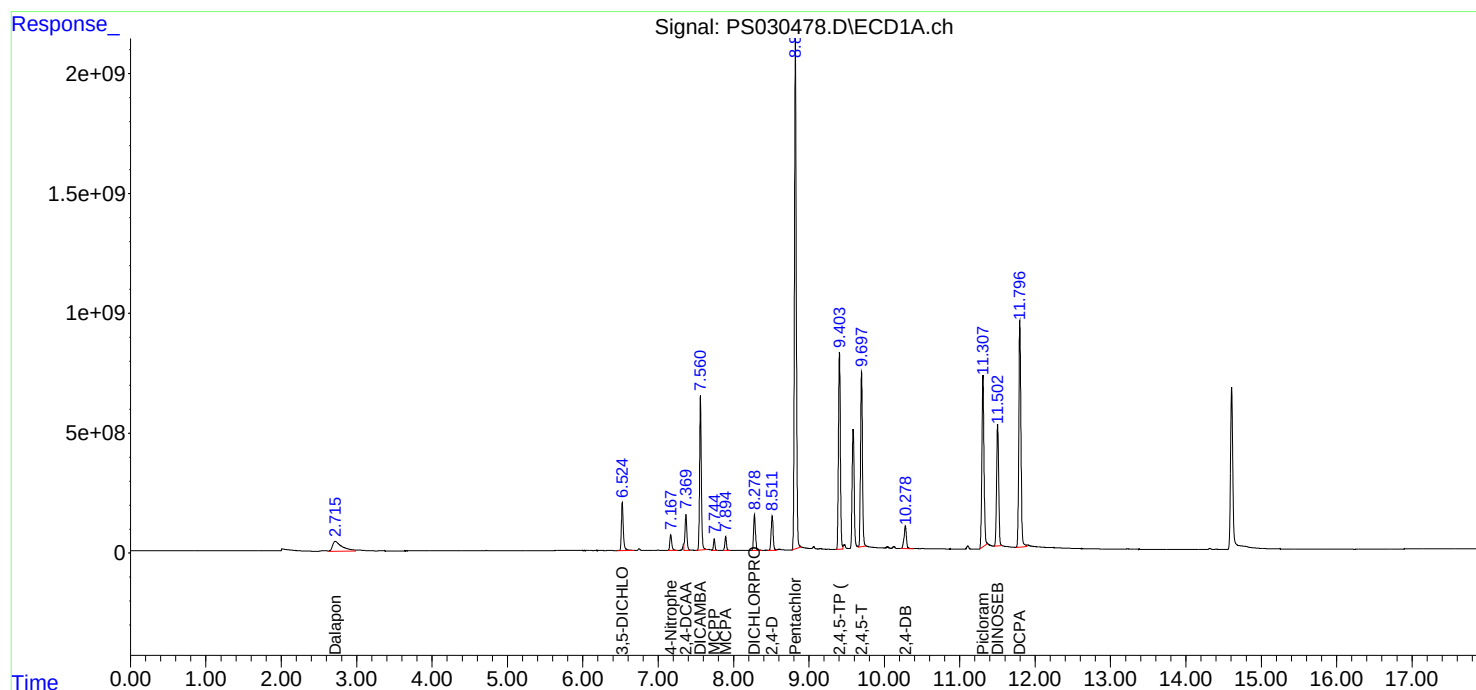
Instrument :
ECD_S
ClientSampleId :
HSTDICC750

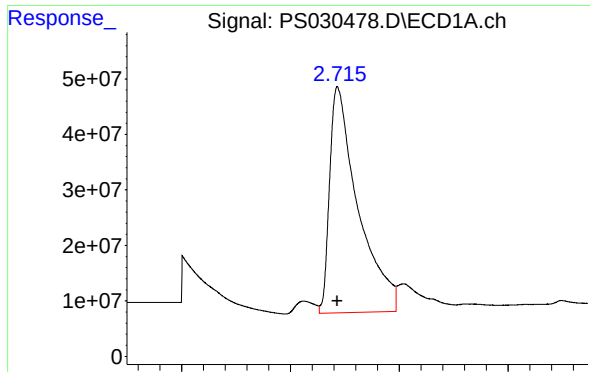
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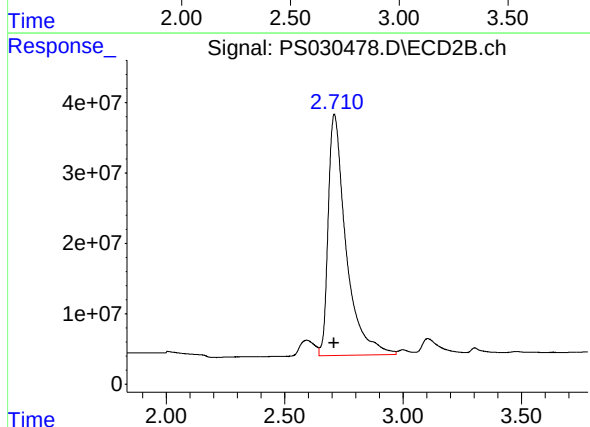
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: 0.000 min
Response: 3691665088
Conc: 682.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

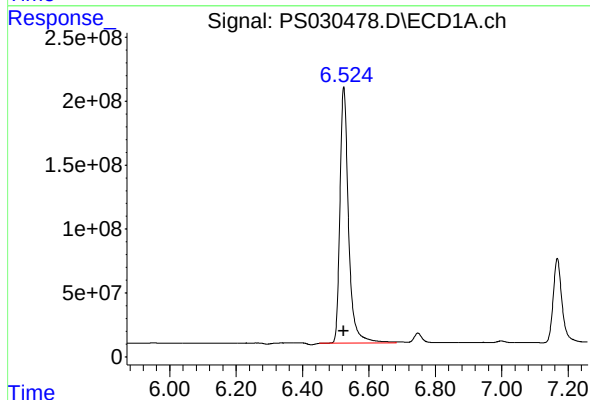
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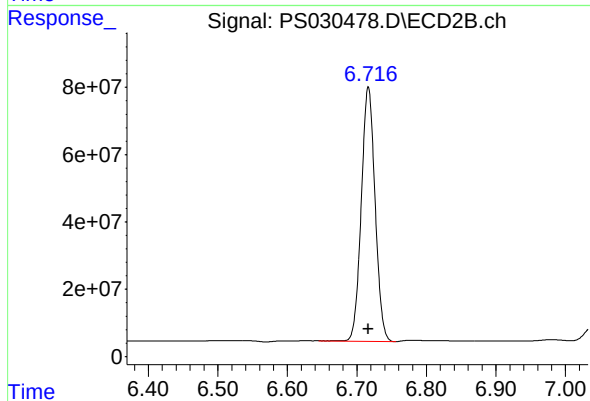
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1793687966
Conc: 682.50 ng/ml



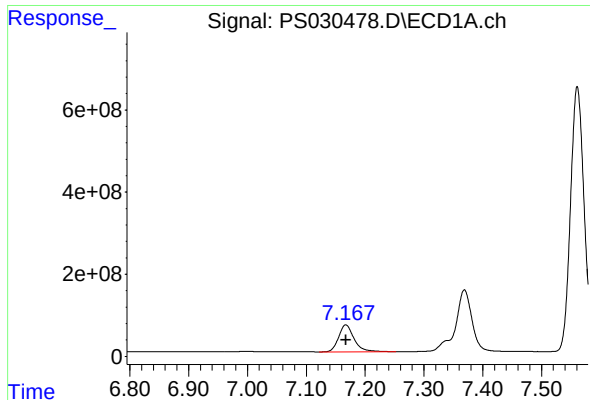
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 3626903309
Conc: 697.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 1042975281
Conc: 697.50 ng/ml



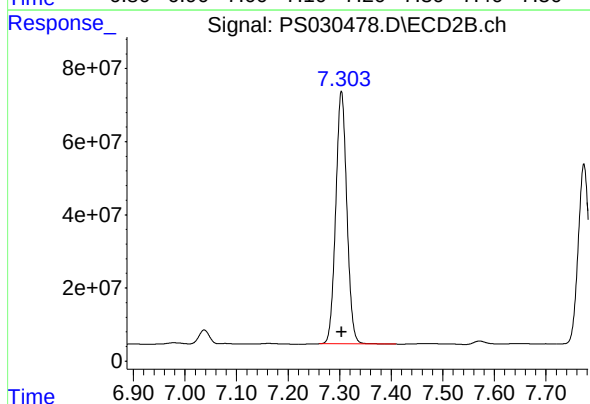
#3 4-Nitrophenol

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 1207018921
Conc: 682.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

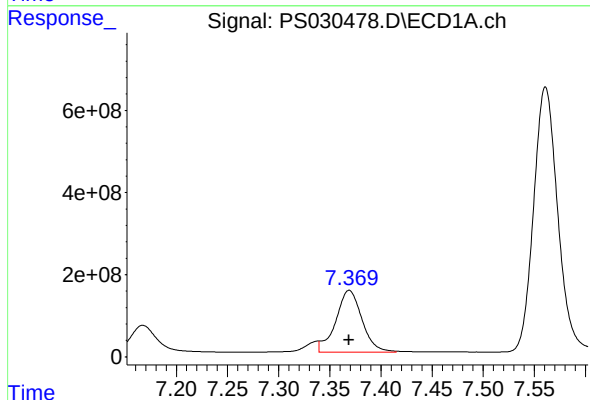
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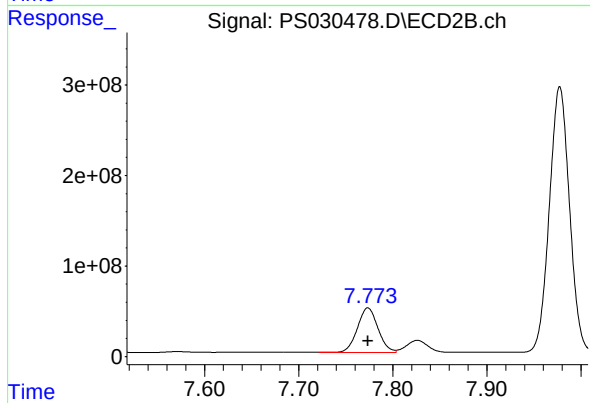
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 1030985969
Conc: 682.50 ng/ml



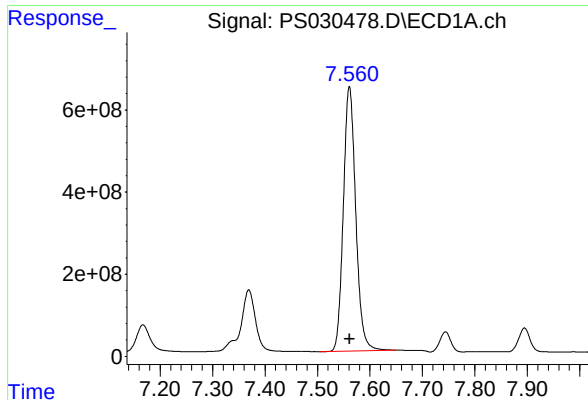
#4 2,4-DCAA

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 2690865233
Conc: 744.32 ng/ml m



#4 2,4-DCAA

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 758443389
Conc: 750.00 ng/ml



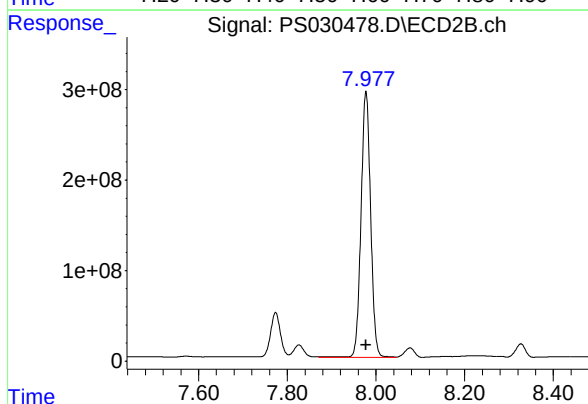
#5 DICAMBA

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 10569446696
Conc: 705.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

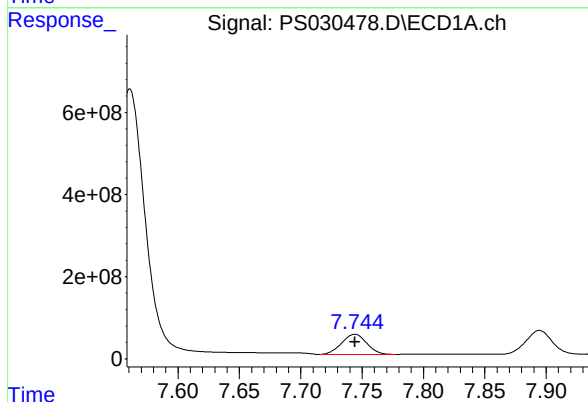
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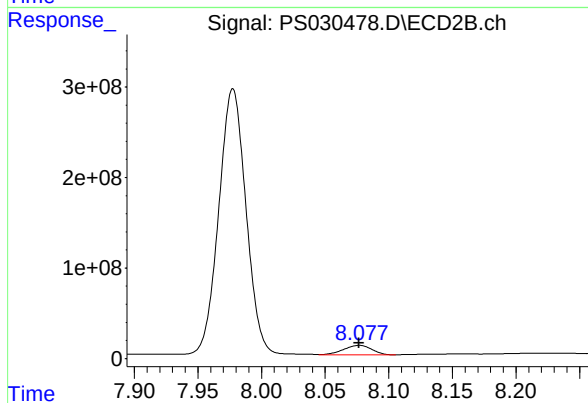
#5 DICAMBA

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 4406801538
Conc: 705.00 ng/ml



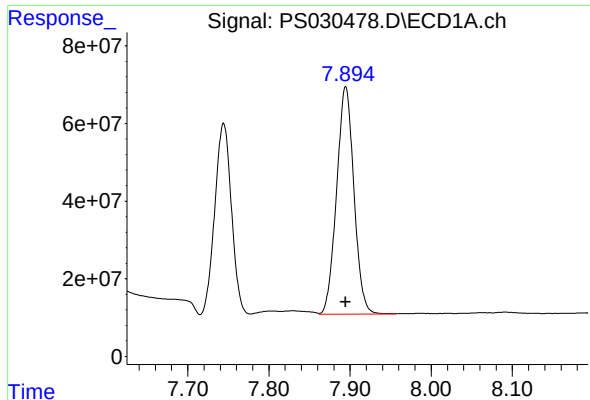
#6 MCPP

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 702085741
Conc: 70.50 ug/ml



#6 MCPP

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 161835619
Conc: 70.50 ug/ml



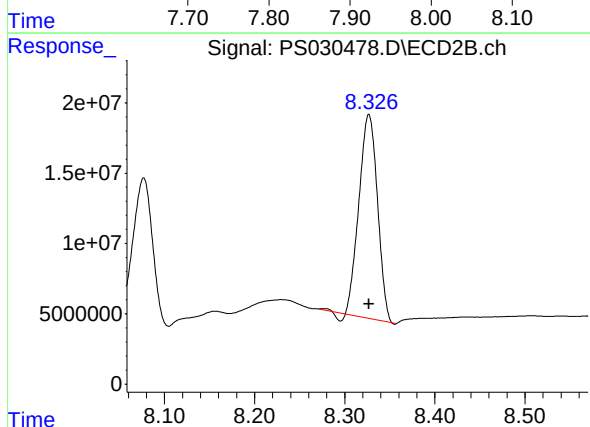
#7 MCPA

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 870813338
Conc: 69.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

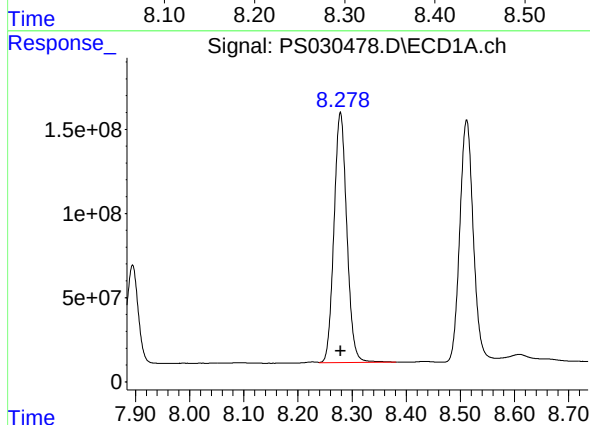
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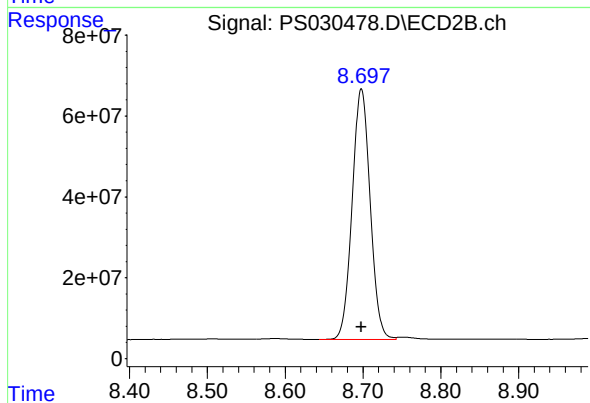
#7 MCPA

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 206127706
Conc: 69.75 ug/ml



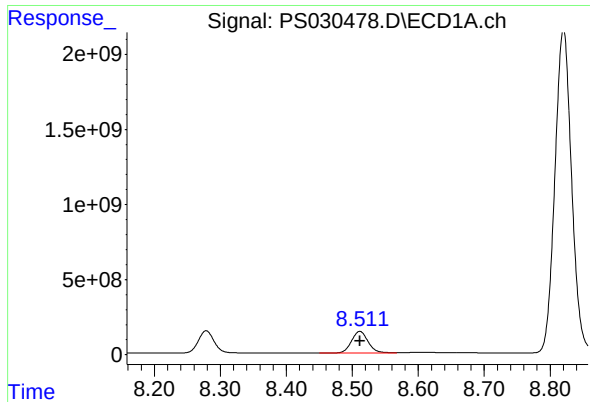
#8 DICHLORPROP

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 2453430344
Conc: 705.00 ng/ml



#8 DICHLORPROP

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 996270230
Conc: 705.00 ng/ml



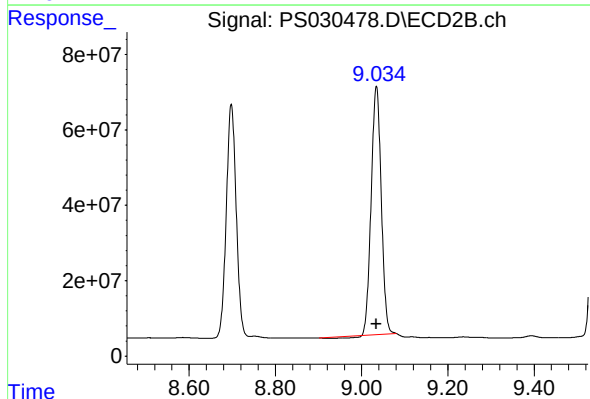
#9 2,4-D

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 2489789588
Conc: 705.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

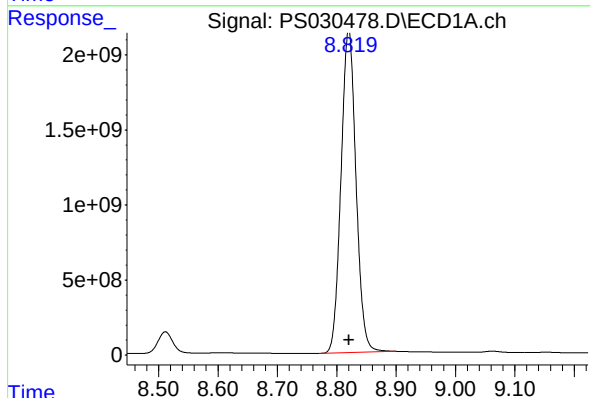
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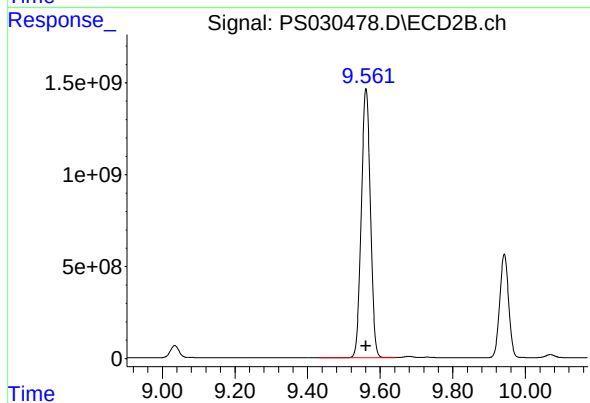
#9 2,4-D

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 1060624605
Conc: 705.00 ng/ml



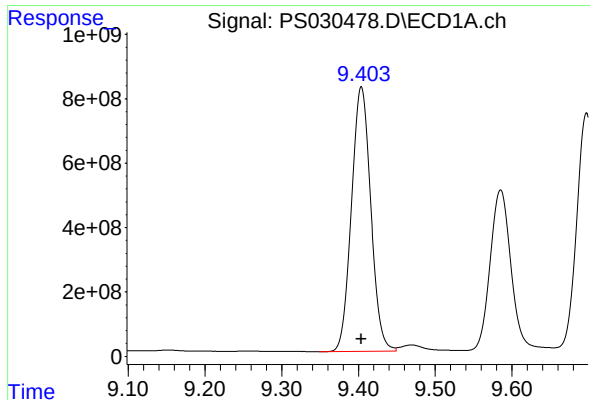
#10 Pentachlorophenol

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 37628370370
Conc: 712.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.561 min
Delta R.T.: 0.000 min
Response: 25518689824
Conc: 712.50 ng/ml



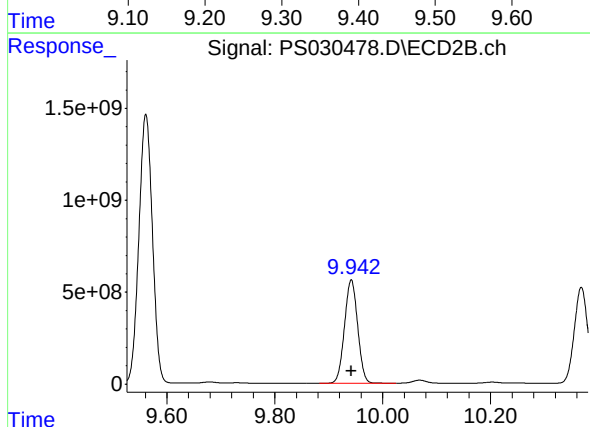
#11 2,4,5-TP (SILVEX)

R.T.: 9.404 min
Delta R.T.: 0.000 min
Response: 14429853099
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

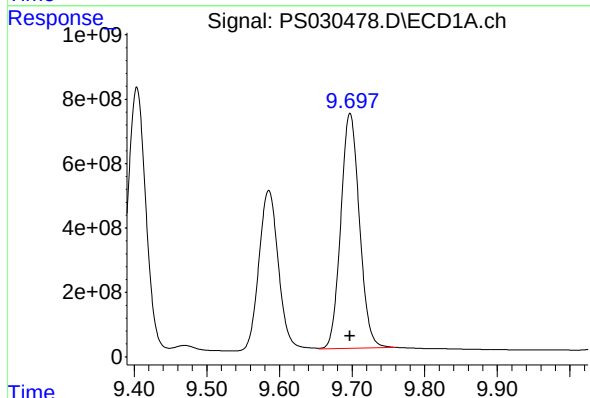
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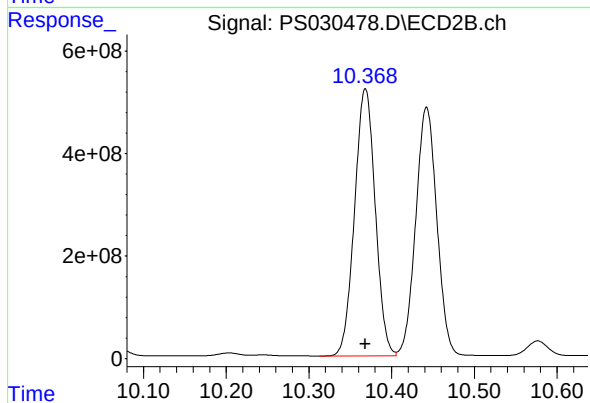
#11 2,4,5-TP (SILVEX)

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 9502750218
Conc: 712.50 ng/ml



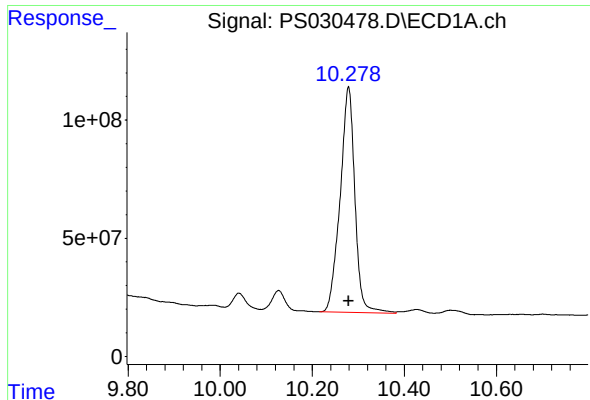
#12 2,4,5-T

R.T.: 9.697 min
Delta R.T.: 0.000 min
Response: 13011662510
Conc: 712.50 ng/ml



#12 2,4,5-T

R.T.: 10.368 min
Delta R.T.: 0.000 min
Response: 9066309949
Conc: 712.50 ng/ml



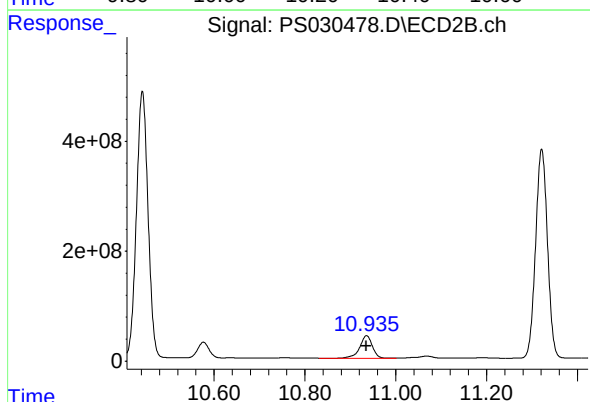
#13 2,4-DB

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 2128667195
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

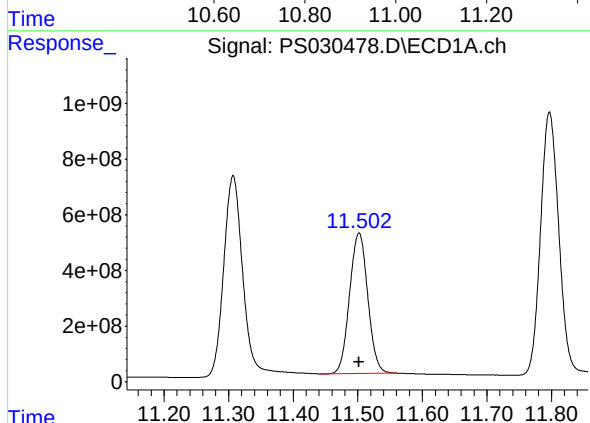
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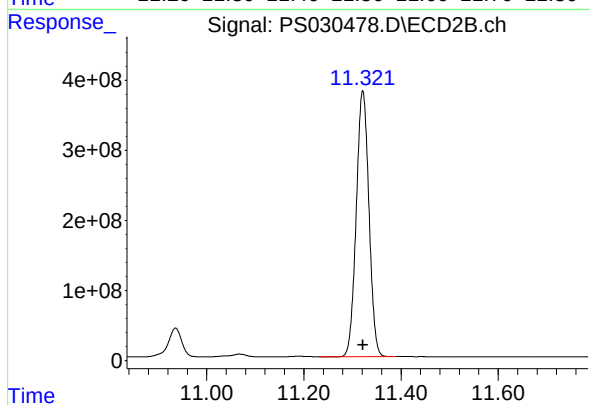
#13 2,4-DB

R.T.: 10.936 min
Delta R.T.: 0.000 min
Response: 787814567
Conc: 712.50 ng/ml



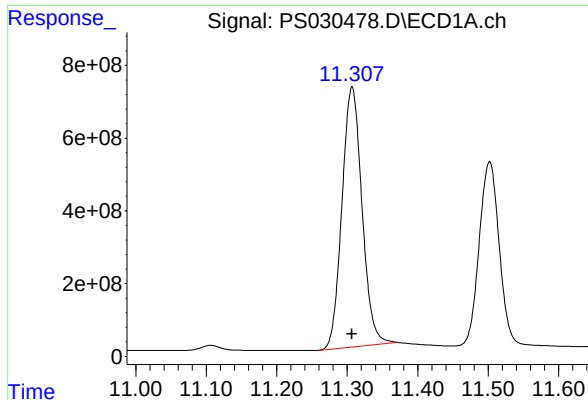
#14 DINOSEB

R.T.: 11.502 min
Delta R.T.: 0.000 min
Response: 9877244671
Conc: 705.00 ng/ml



#14 DINOSEB

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 6881704152
Conc: 705.00 ng/ml



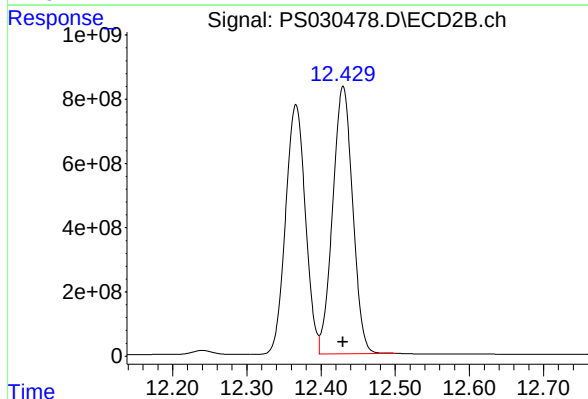
#15 Picloram

R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 14134321168
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

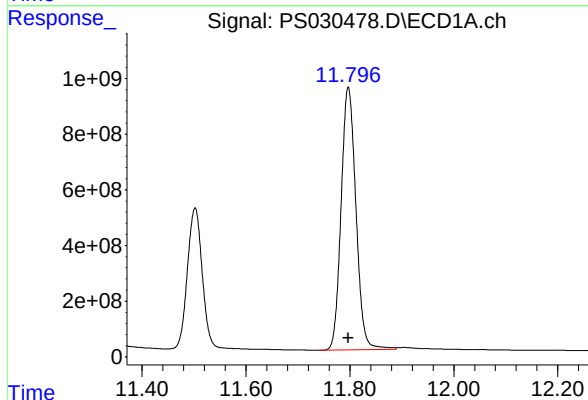
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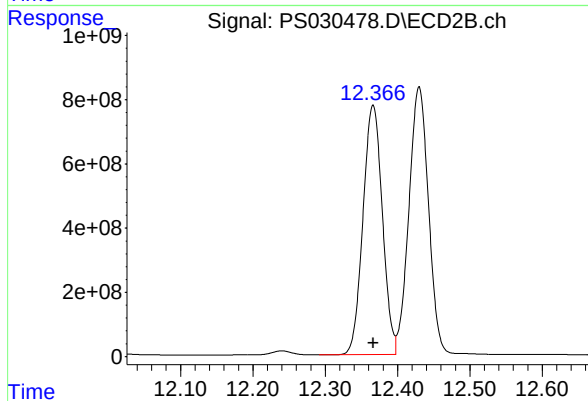
#15 Picloram

R.T.: 12.430 min
Delta R.T.: 0.000 min
Response: 15599383048
Conc: 712.50 ng/ml



#16 DCPA

R.T.: 11.797 min
Delta R.T.: 0.000 min
Response: 18644228870
Conc: 720.00 ng/ml



#16 DCPA

R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 14436198614
Conc: 720.00 ng/ml