

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041125\
 Data File : PS029807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 13:55
 Operator : AR\AJ
 Sample : Q1760-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-15MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:02:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.954	7.496	968.8E6	302.9E6	475.184m	444.393
Target Compounds							
1) T	Dalapon	2.453	2.531	1089.3E6	576.4E6	321.089	363.081
2) T	3,5-DICHL...	6.157	6.488	1224.6E6	357.1E6	407.158	369.867
3) T	4-Nitroph...	6.745	7.029	585.8E6	285.4E6	416.979	402.488
5) T	DICAMBA	7.132	7.684	3209.9E6	1378.6E6	385.711	373.276
6) T	MCPD	7.309	7.790	154.0E6	47183670	28.414	27.945
7) T	MCPA	7.451	8.020	232.8E6	81660860	32.025	35.891
8) T	DICHLORPROP	7.814	8.379	833.3E6	377.3E6	378.879	390.557m
9) T	2,4-D	8.034	8.694	1132.3E6	449.9E6	469.923	417.124
10) T	Pentachlo...	8.313	9.195	8283.1E6	5057.4E6	272.425	282.097
11) T	2,4,5-TP ...	8.878	9.574	3977.7E6	2623.4E6	342.455	363.711
12) T	2,4,5-T	9.160	9.979	4213.2E6	2554.4E6	366.225	381.098
13) T	2,4-DB	9.720	10.536	608.3E6	229.5E6	334.831m	309.341m
14) T	DINOSEB	10.883	10.908	394.7E6	268.7E6	46.748m	52.564m
15) T	Picloram	10.701	11.942	4823.8E6	3147.2E6	311.204	266.159m
16) T	DCPA	11.184	11.933	5445.4E6	4063.0E6	389.904	459.058m

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

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Acq On : 11 Apr 2025 13:55
Operator : AR\AJ
Sample : Q1760-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

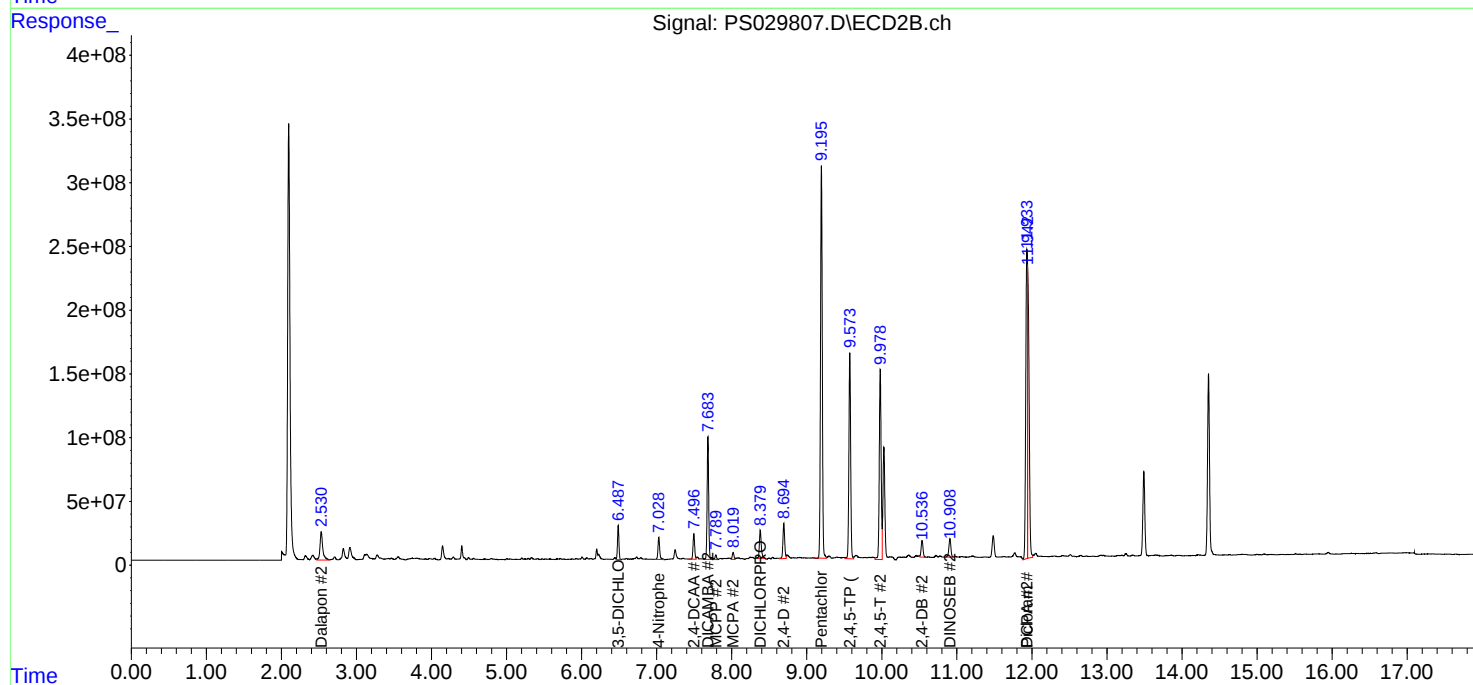
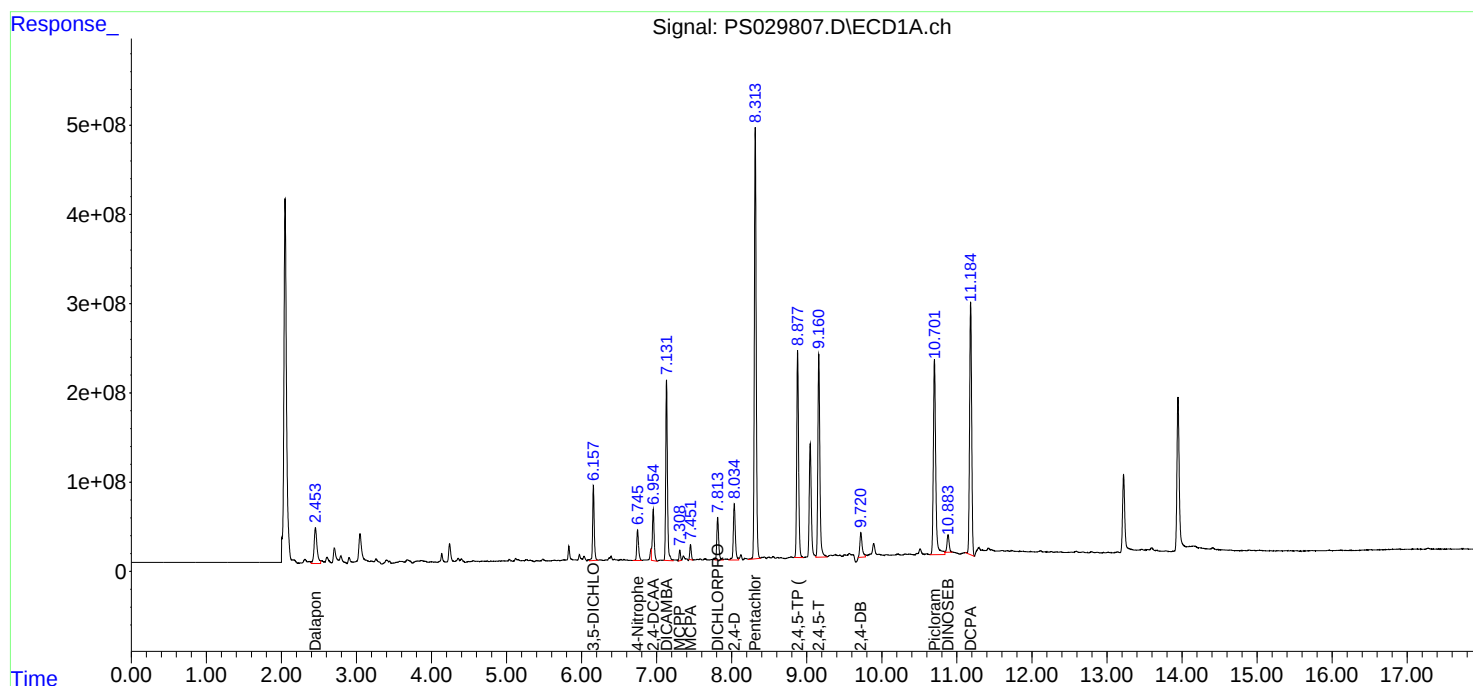
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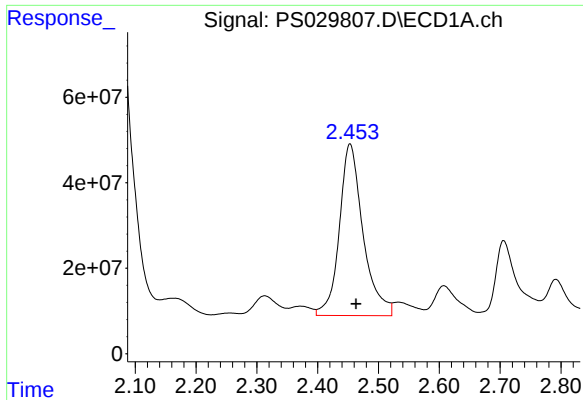
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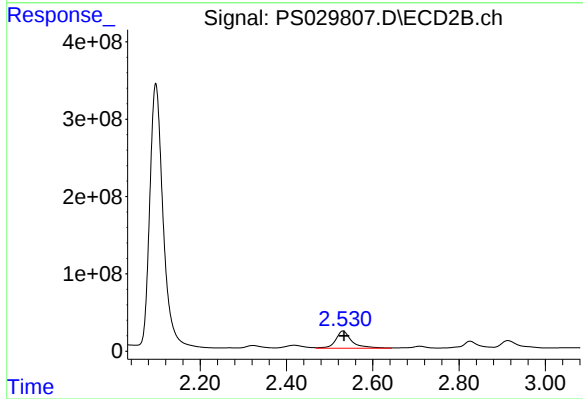
#1 Dalapon

R.T.: 2.453 min
Delta R.T.: -0.010 min
Response: 1089260246
Conc: 321.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

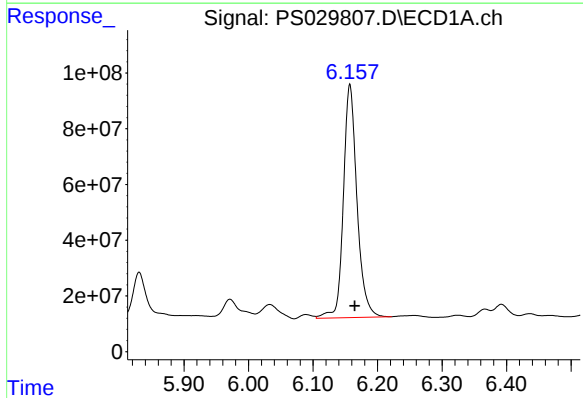
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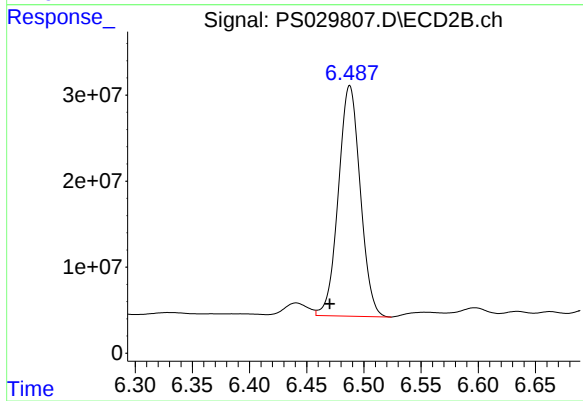
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.003 min
Response: 576425946
Conc: 363.08 ng/ml



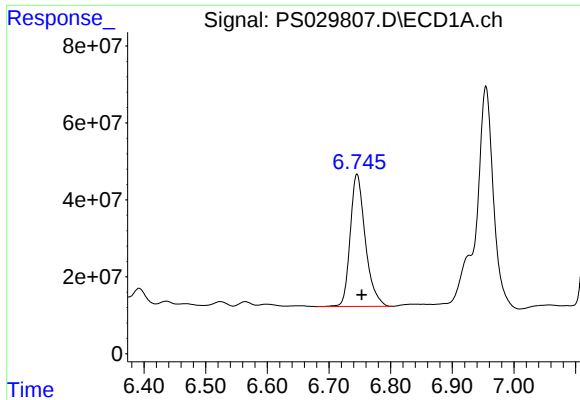
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 1224631795
Conc: 407.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.488 min
Delta R.T.: 0.017 min
Response: 357127728
Conc: 369.87 ng/ml



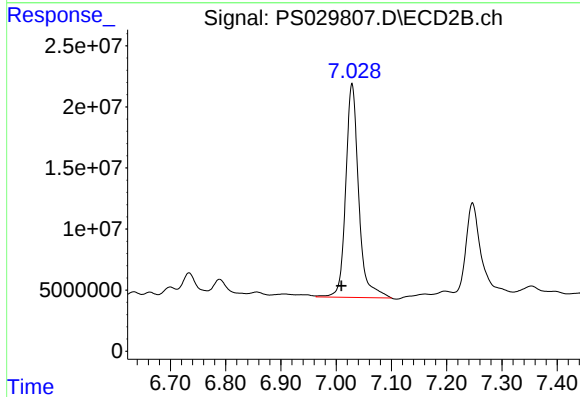
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 585771172
Conc: 416.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

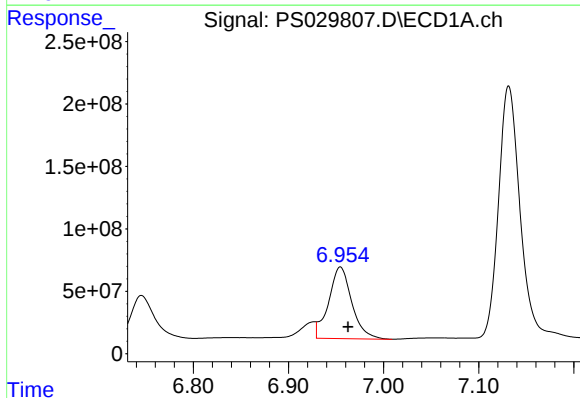
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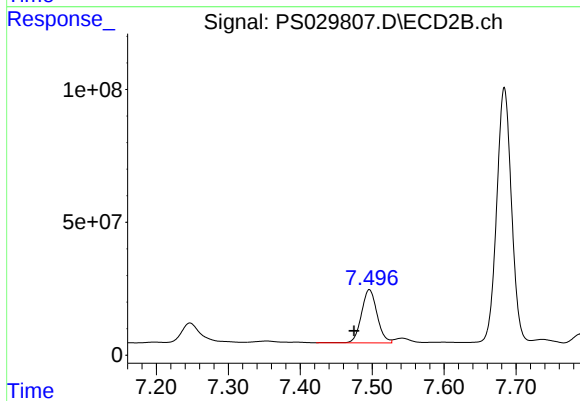
#3 4-Nitrophenol

R.T.: 7.029 min
Delta R.T.: 0.019 min
Response: 285363222
Conc: 402.49 ng/ml



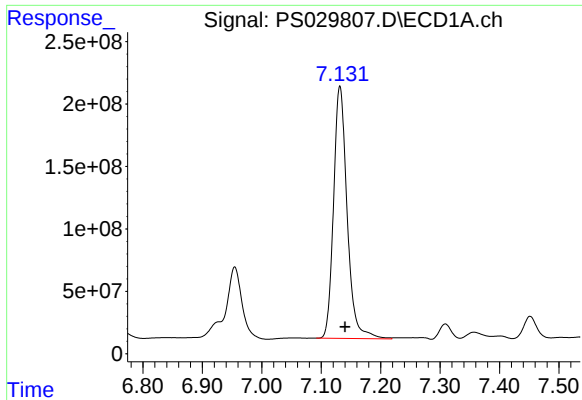
#4 2,4-DCAA

R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 968819725
Conc: 475.18 ng/ml m



#4 2,4-DCAA

R.T.: 7.496 min
Delta R.T.: 0.021 min
Response: 302859751
Conc: 444.39 ng/ml



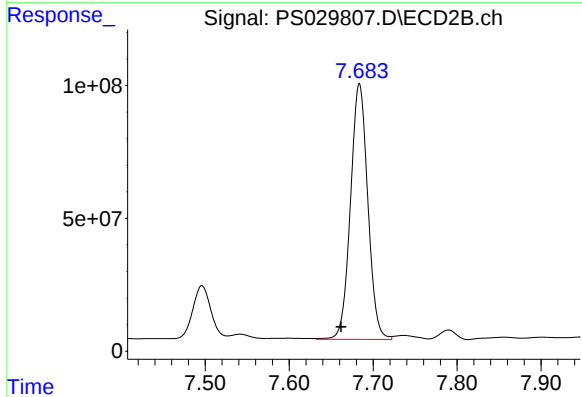
#5 DICAMBA

R.T.: 7.132 min
Delta R.T.: -0.008 min
Response: 3209863861
Conc: 385.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

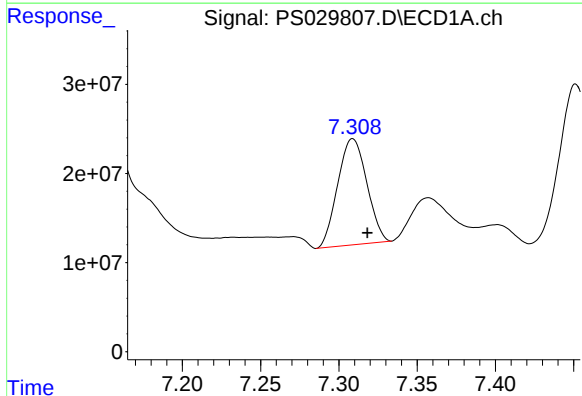
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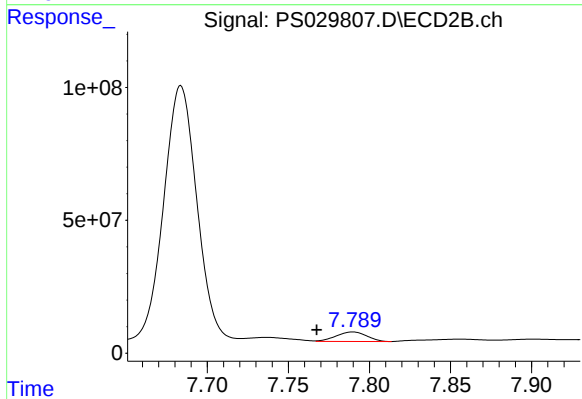
#5 DICAMBA

R.T.: 7.684 min
Delta R.T.: 0.022 min
Response: 1378645719
Conc: 373.28 ng/ml



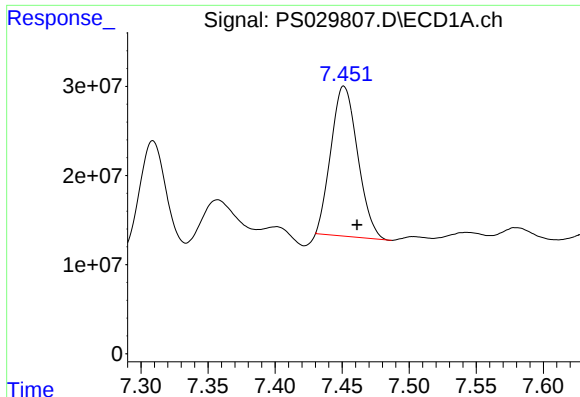
#6 MCPP

R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 153999566
Conc: 28.41 ug/ml



#6 MCPP

R.T.: 7.790 min
Delta R.T.: 0.022 min
Response: 47183670
Conc: 27.94 ug/ml



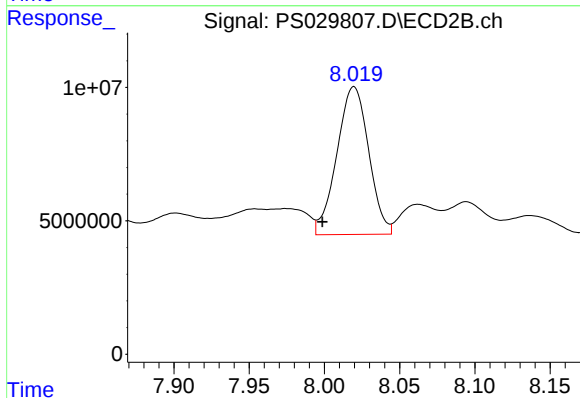
#7 MCPA

R.T.: 7.451 min
Delta R.T.: -0.010 min
Response: 232789636
Conc: 32.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

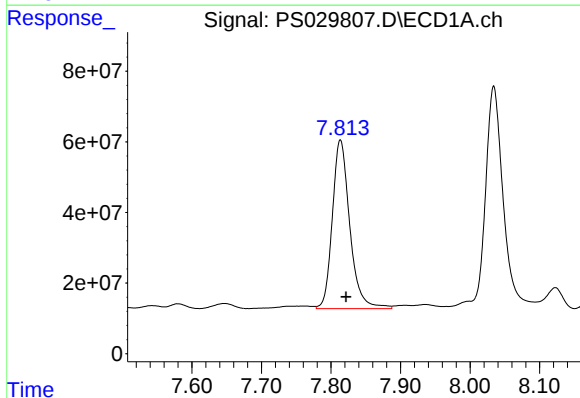
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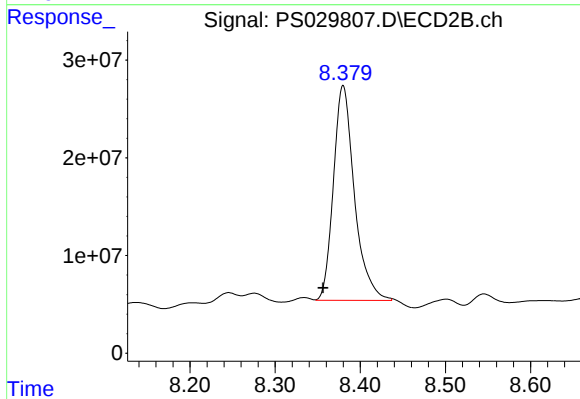
#7 MCPA

R.T.: 8.020 min
Delta R.T.: 0.021 min
Response: 81660860
Conc: 35.89 ug/ml



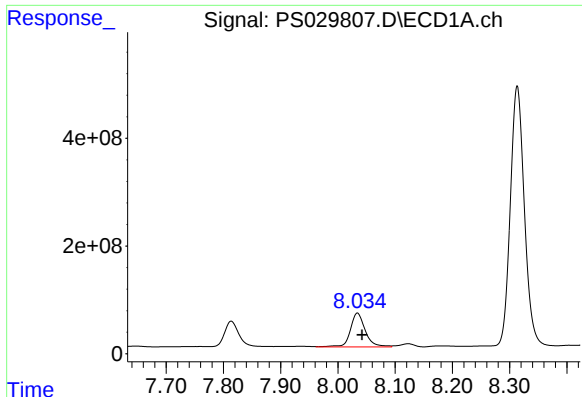
#8 DICHLORPROP

R.T.: 7.814 min
Delta R.T.: -0.008 min
Response: 833320221
Conc: 378.88 ng/ml



#8 DICHLORPROP

R.T.: 8.379 min
Delta R.T.: 0.023 min
Response: 377337851
Conc: 390.56 ng/ml m



#9 2,4-D

R.T.: 8.034 min
Delta R.T.: -0.008 min
Response: 1132322577
Conc: 469.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

Manual Integrations
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#9 2,4-D

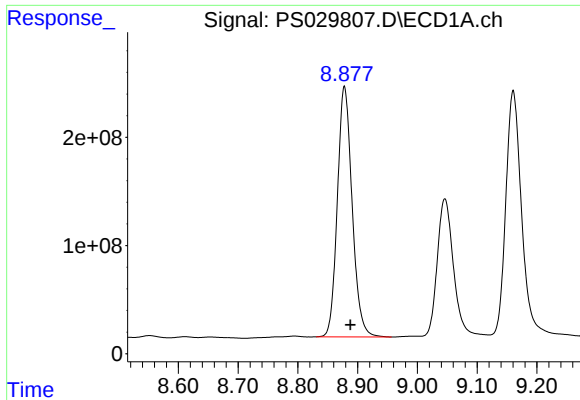
R.T.: 8.694 min
Delta R.T.: 0.023 min
Response: 449853448
Conc: 417.12 ng/ml

#10 Pentachlorophenol

R.T.: 8.313 min
Delta R.T.: -0.007 min
Response: 8283084741
Conc: 272.43 ng/ml

#10 Pentachlorophenol

R.T.: 9.195 min
Delta R.T.: 0.022 min
Response: 5057360633
Conc: 282.10 ng/ml



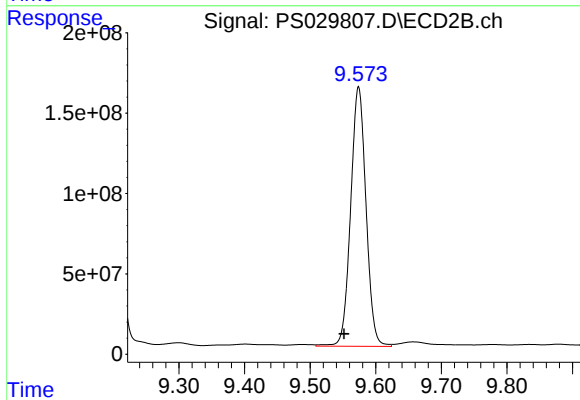
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 3977734170
Conc: 342.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

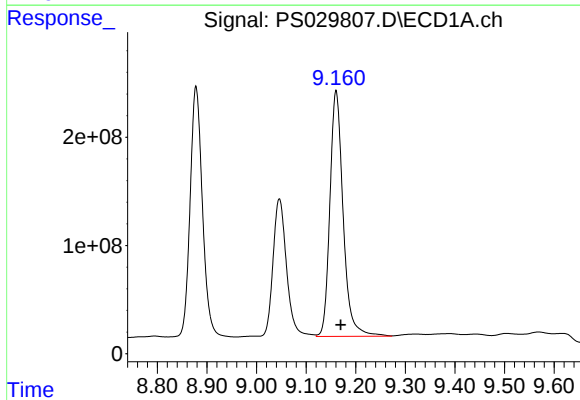
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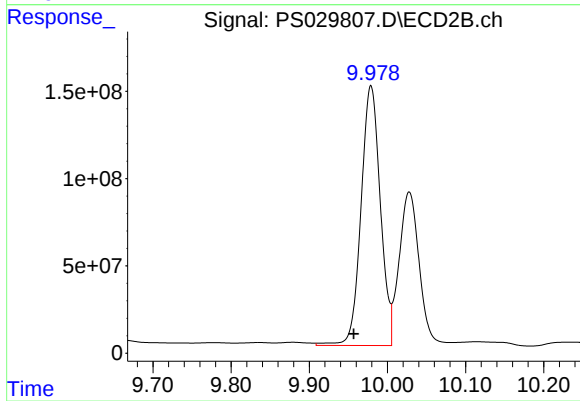
#11 2,4,5-TP (SILVEX)

R.T.: 9.574 min
Delta R.T.: 0.022 min
Response: 2623434855
Conc: 363.71 ng/ml



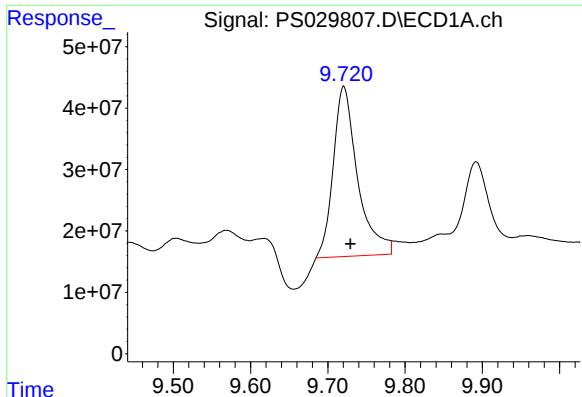
#12 2,4,5-T

R.T.: 9.160 min
Delta R.T.: -0.010 min
Response: 4213205316
Conc: 366.22 ng/ml



#12 2,4,5-T

R.T.: 9.979 min
Delta R.T.: 0.022 min
Response: 2554436311
Conc: 381.10 ng/ml



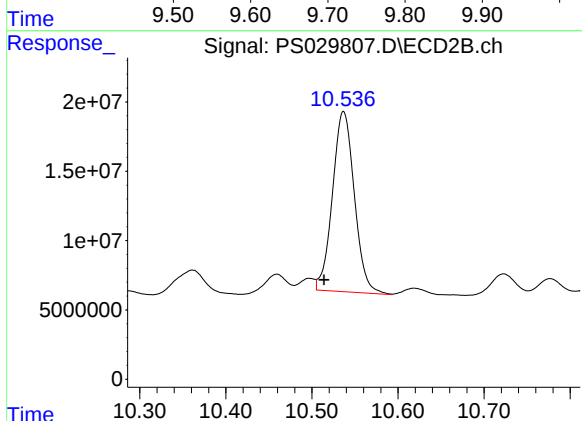
#13 2,4-DB

R.T.: 9.720 min
Delta R.T.: -0.009 min
Response: 608302241
Conc: 334.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-15MS

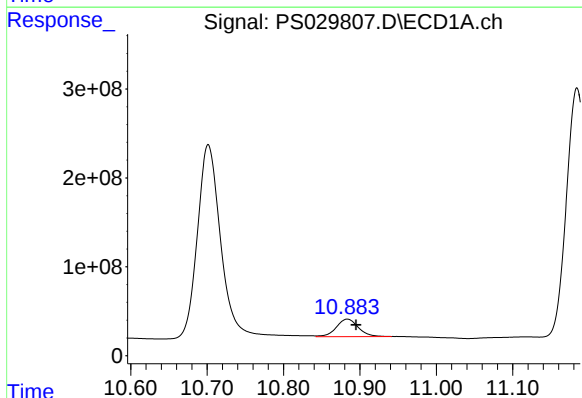
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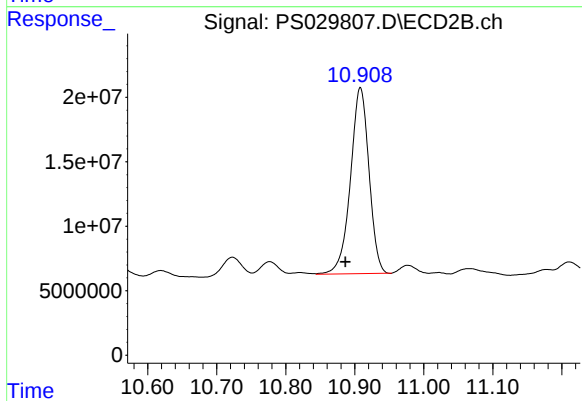
#13 2,4-DB

R.T.: 10.536 min
Delta R.T.: 0.022 min
Response: 229523490
Conc: 309.34 ng/ml m



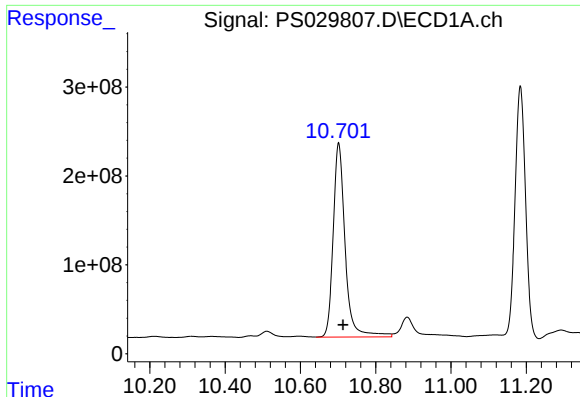
#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.012 min
Response: 394650932
Conc: 46.75 ng/ml m



#14 DINOSEB

R.T.: 10.908 min
Delta R.T.: 0.021 min
Response: 268749011
Conc: 52.56 ng/ml m



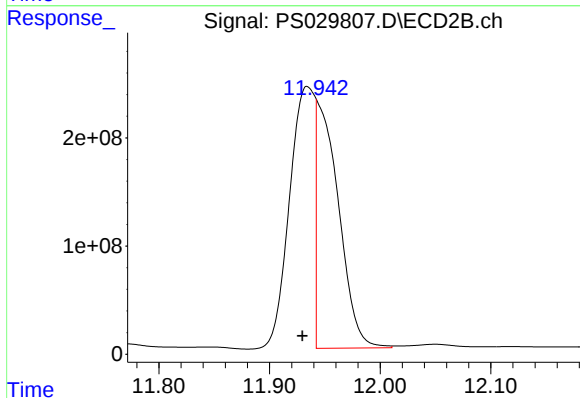
#15 Picloram

R.T.: 10.701 min
Delta R.T.: -0.012 min
Response: 4823781304
Conc: 311.20 ng/ml

Instrument :
ECD_S
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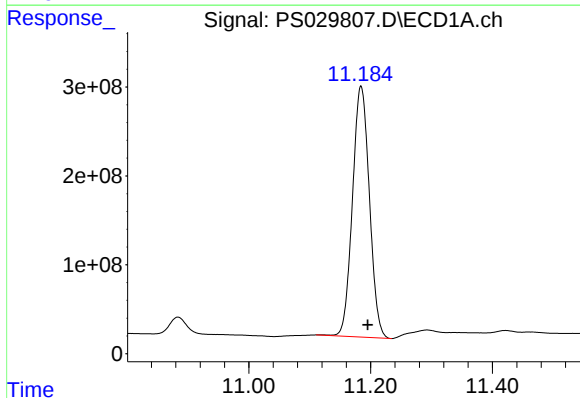
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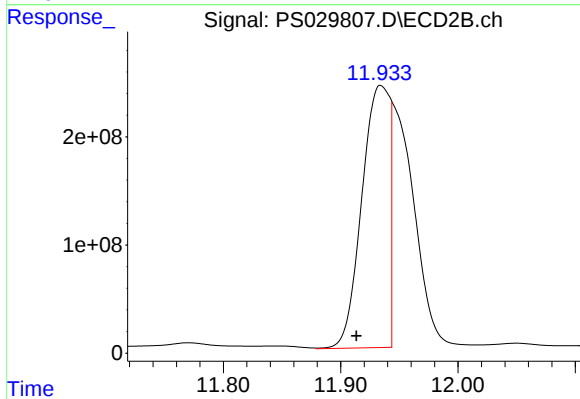
#15 Picloram

R.T.: 11.942 min
Delta R.T.: 0.013 min
Response: 3147172477
Conc: 266.16 ng/ml m



#16 DCPA

R.T.: 11.184 min
Delta R.T.: -0.011 min
Response: 5445446851
Conc: 389.90 ng/ml



#16 DCPA

R.T.: 11.933 min
Delta R.T.: 0.020 min
Response: 4062966824
Conc: 459.06 ng/ml m