

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052125\
 Data File : PS030314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2025 15:25
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/22/2025
 Supervised By : mohammad ahmed 05/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 05:52:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.929	7.442	2068.0E6	554.0E6	726.165	692.278
Target Compounds							
1) T	Dalapon	2.441	2.511	3477.3E6	1331.6E6	707.438	655.614
2) T	3,5-DICHL...	6.134	6.442	2836.7E6	724.9E6	680.172	621.765
3) T	4-Nitroph...	6.719	6.977	1388.1E6	612.3E6	671.981	586.439
5) T	DICAMBA	7.106	7.627	8127.5E6	3207.9E6	703.235	678.495
6) T	MCPD	7.285	7.736	542.0E6	116.4E6	74.418	63.268
7) T	MCPA	7.429	7.965	702.6E6	161.8E6	67.681	61.356
8) T	DICHLORPROP	7.786	8.319	1999.8E6	770.8E6	684.537	652.459
9) T	2,4-D	8.006	8.632	2287.5E6	868.2E6	697.637	672.744
10) T	Pentachlo...	8.283	9.131	29037.1E6	17161.8E6	716.953	695.234
11) T	2,4,5-TP ...	8.847	9.509	11540.7E6	6806.4E6	712.566	690.979
12) T	2,4,5-T	9.129	9.913	11763.5E6	6298.1E6	712.282	684.310
13) T	2,4-DB	9.687	10.471	1971.1E6	619.3E6	755.277	624.031
14) T	DINOSEB	10.848	10.844	7950.0E6	4592.5E6	695.149	672.213
15) T	Picloram	10.668	11.882	15471.3E6	10682.4E6	723.399	759.063m
16) T	DCPA	11.150	11.880	14177.5E6	10105.7E6	712.028	747.991m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052125\
Data File : PS030314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2025 15:25
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

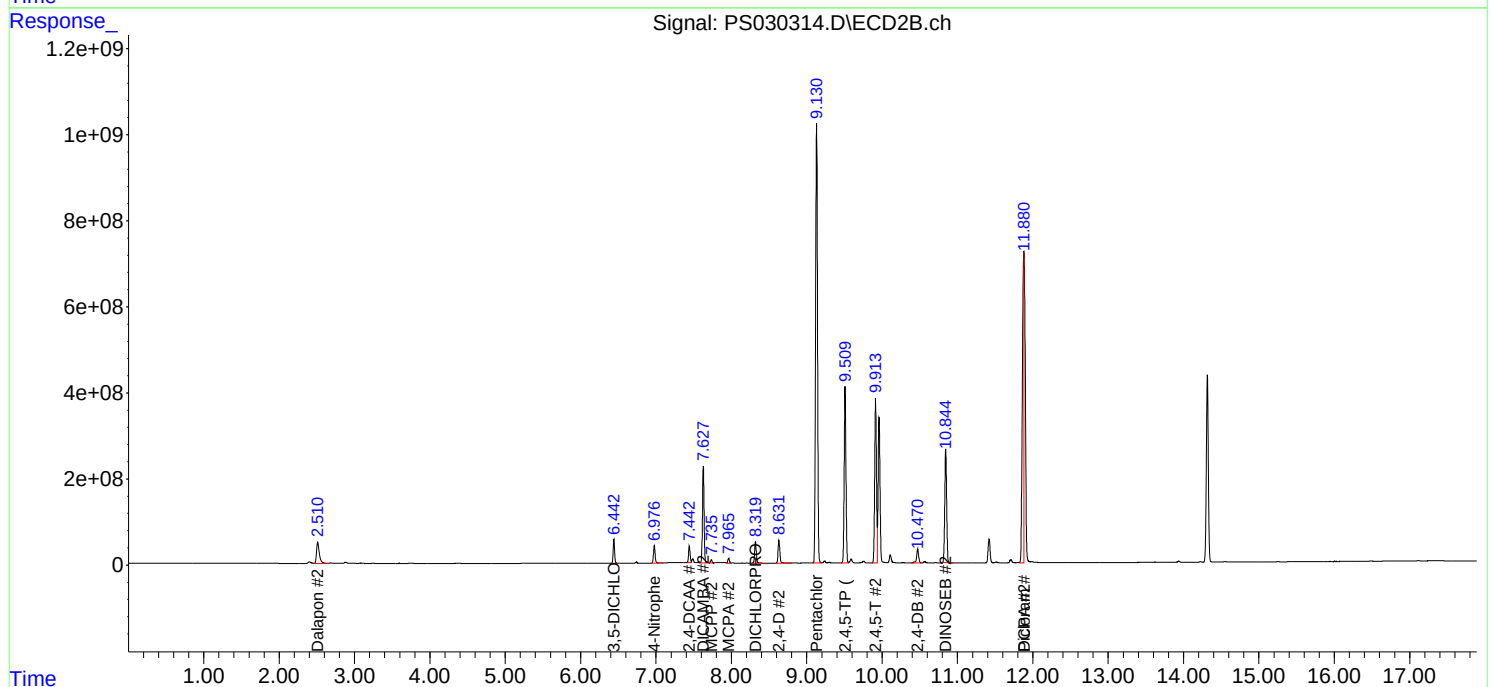
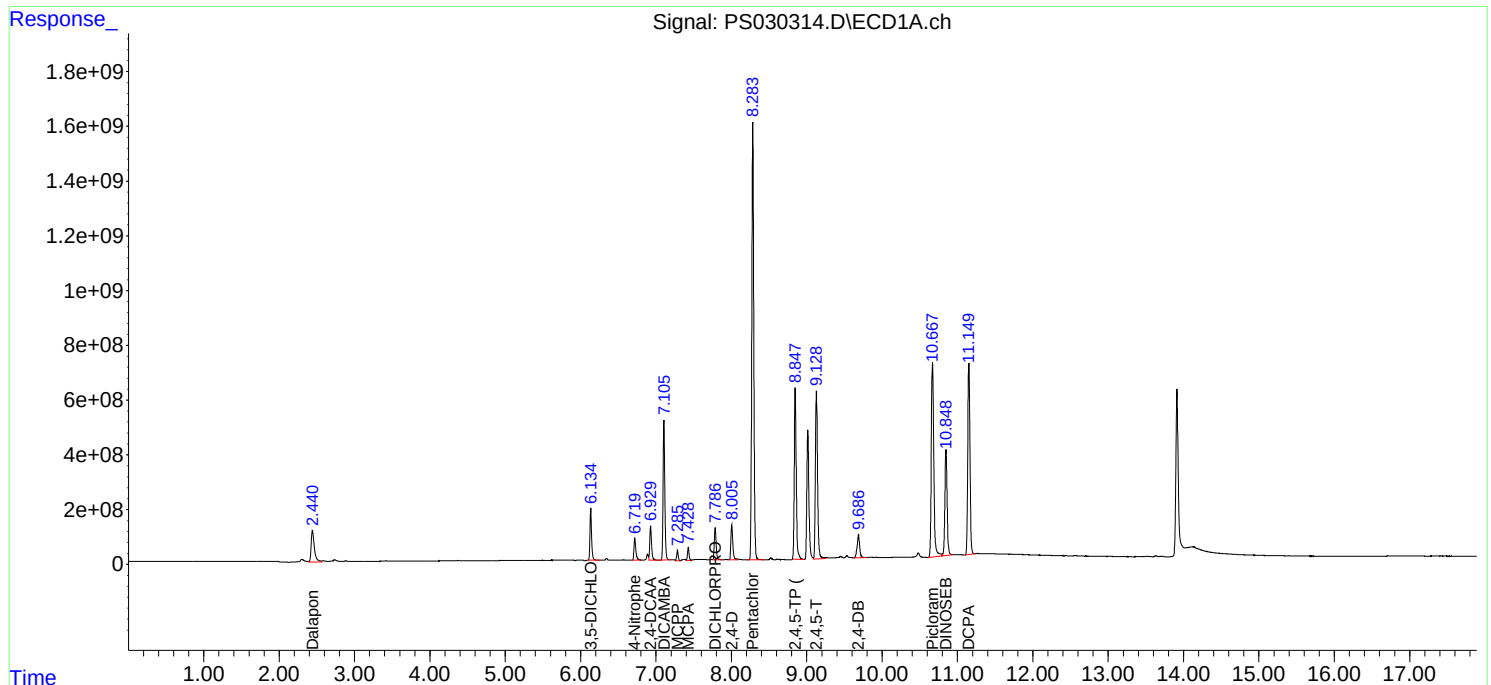
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

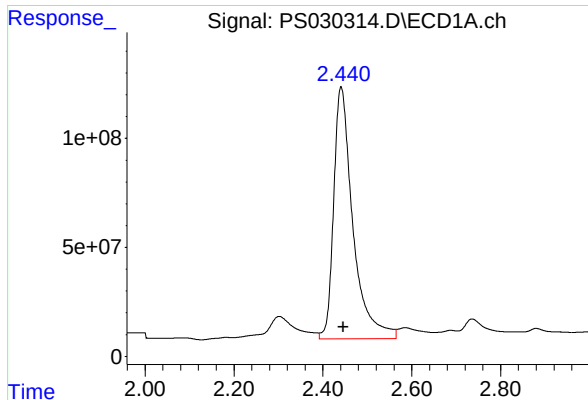
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 05:52:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





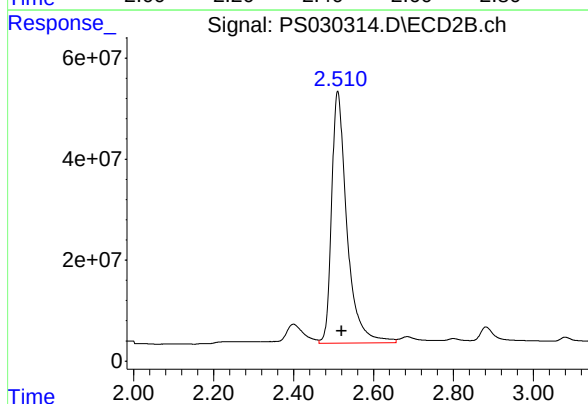
#1 Dalapon

R.T.: 2.441 min
Delta R.T.: -0.005 min
Response: 3477313752
Conc: 707.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

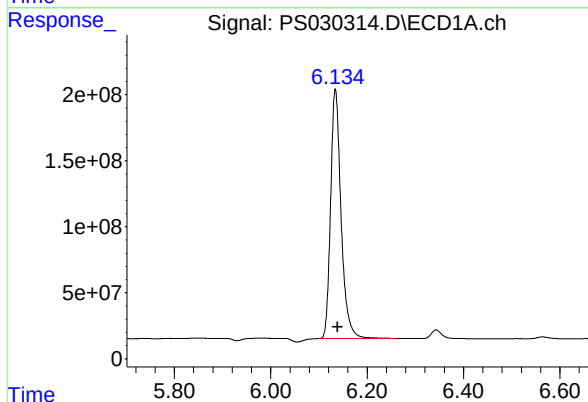
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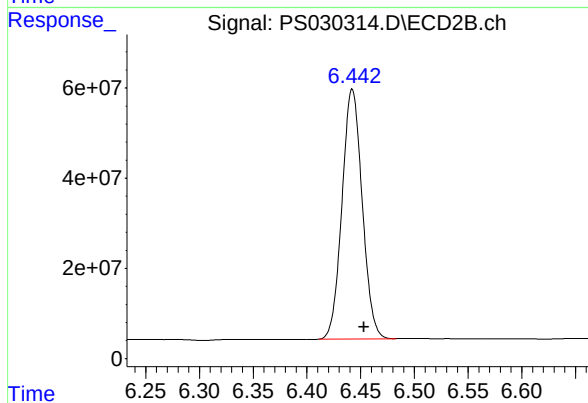
#1 Dalapon

R.T.: 2.511 min
Delta R.T.: -0.010 min
Response: 1331584060
Conc: 655.61 ng/ml



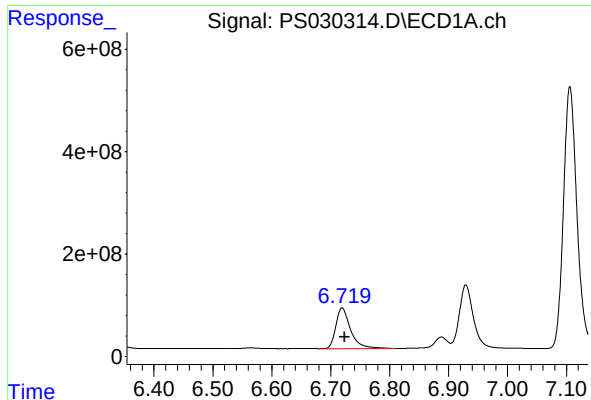
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 2836693620
Conc: 680.17 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 724871575
Conc: 621.76 ng/ml



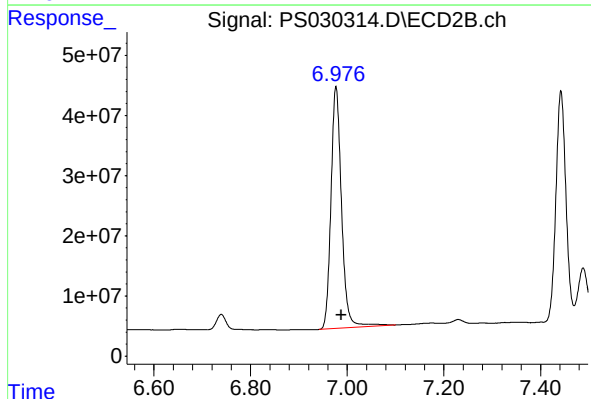
#3 4-Nitrophenol

R.T.: 6.719 min
Delta R.T.: -0.004 min
Response: 1388053136
Conc: 671.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

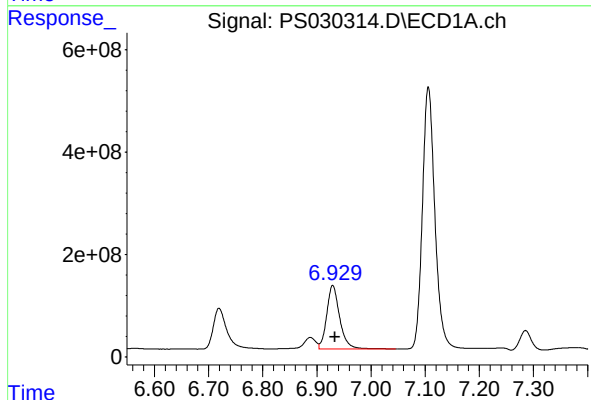
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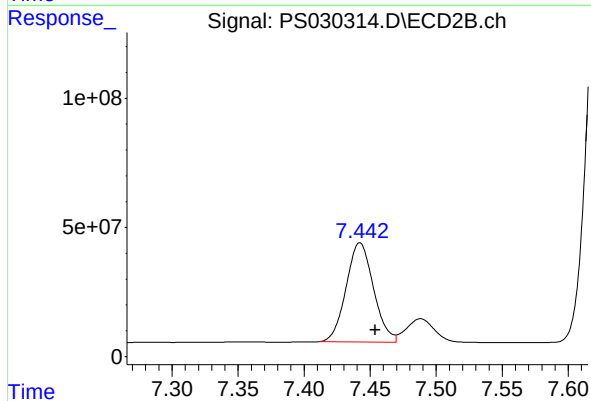
#3 4-Nitrophenol

R.T.: 6.977 min
Delta R.T.: -0.012 min
Response: 612261115
Conc: 586.44 ng/ml



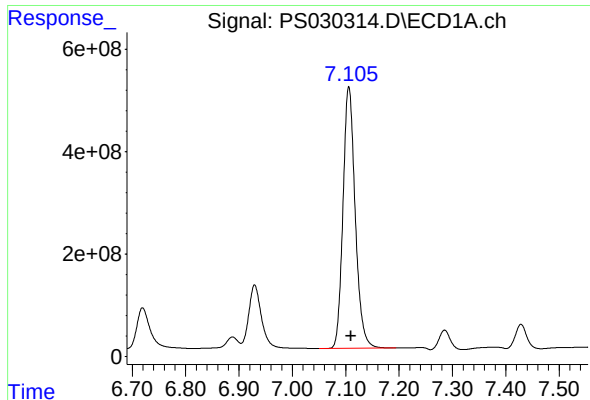
#4 2,4-DCAA

R.T.: 6.929 min
Delta R.T.: -0.004 min
Response: 2067979925
Conc: 726.17 ng/ml



#4 2,4-DCAA

R.T.: 7.442 min
Delta R.T.: -0.012 min
Response: 553963015
Conc: 692.28 ng/ml



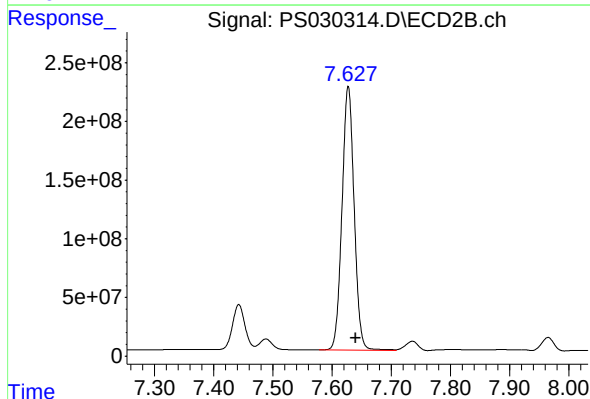
#5 DICAMBA

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 8127538012
Conc: 703.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

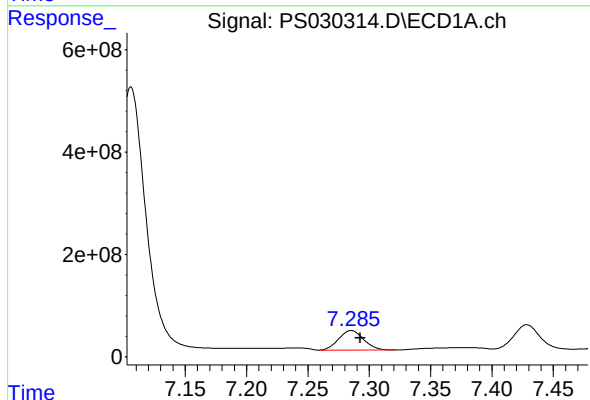
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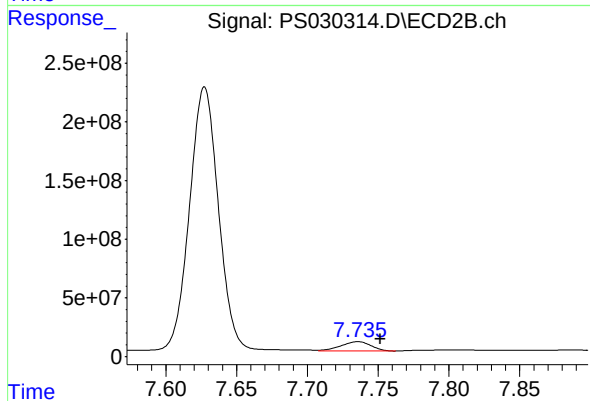
#5 DICAMBA

R.T.: 7.627 min
Delta R.T.: -0.013 min
Response: 3207908742
Conc: 678.49 ng/ml



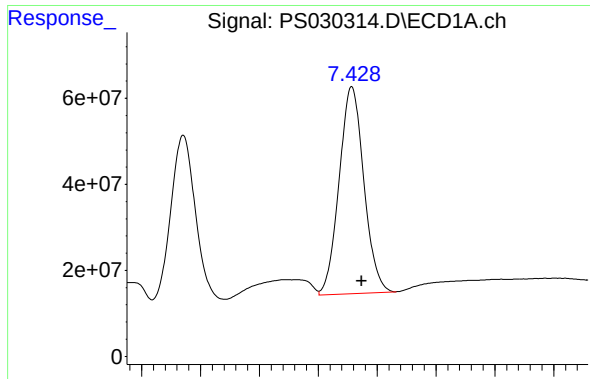
#6 MCP

R.T.: 7.285 min
Delta R.T.: -0.007 min
Response: 541959953
Conc: 74.42 ug/ml



#6 MCP

R.T.: 7.736 min
Delta R.T.: -0.016 min
Response: 116397694
Conc: 63.27 ug/ml



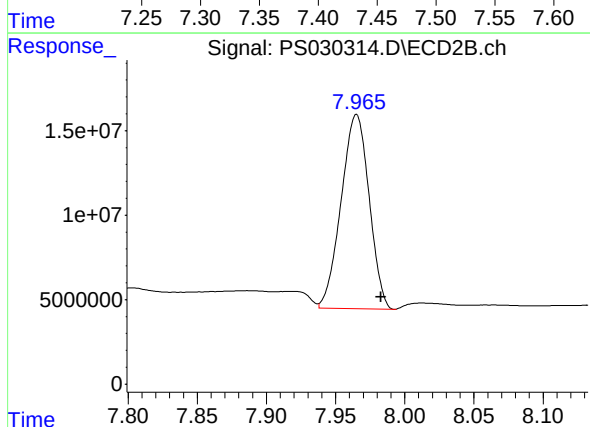
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 702588156
Conc: 67.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

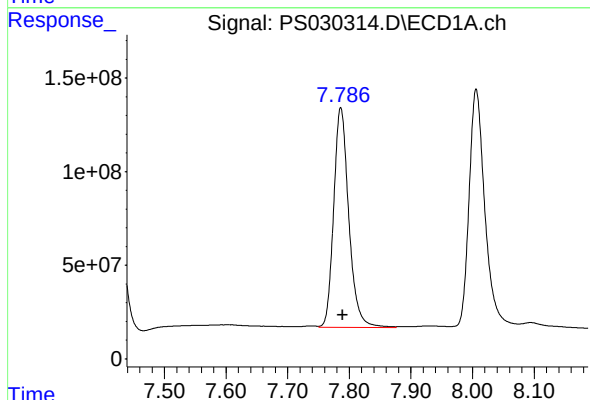
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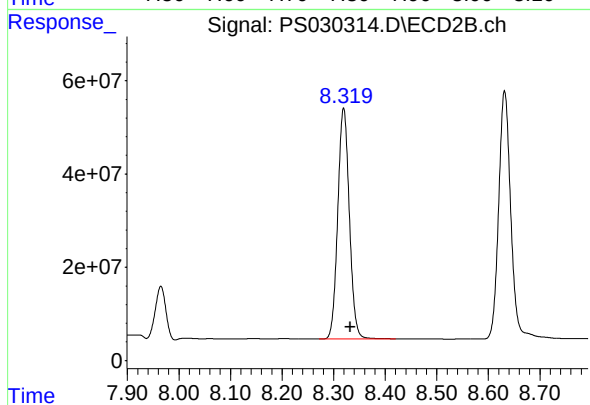
#7 MCPA

R.T.: 7.965 min
Delta R.T.: -0.018 min
Response: 161839034
Conc: 61.36 ug/ml



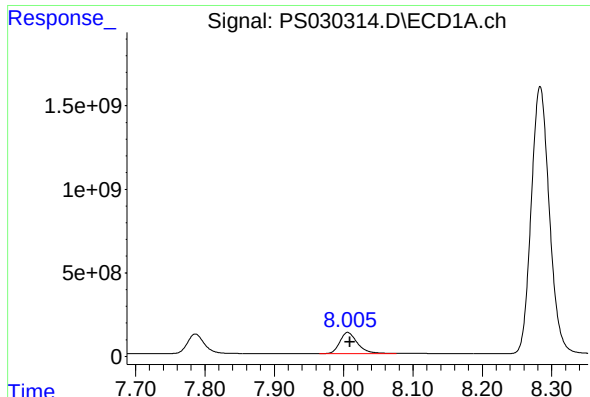
#8 DICHLORPROP

R.T.: 7.786 min
Delta R.T.: -0.003 min
Response: 1999768914
Conc: 684.54 ng/ml



#8 DICHLORPROP

R.T.: 8.319 min
Delta R.T.: -0.013 min
Response: 770836962
Conc: 652.46 ng/ml



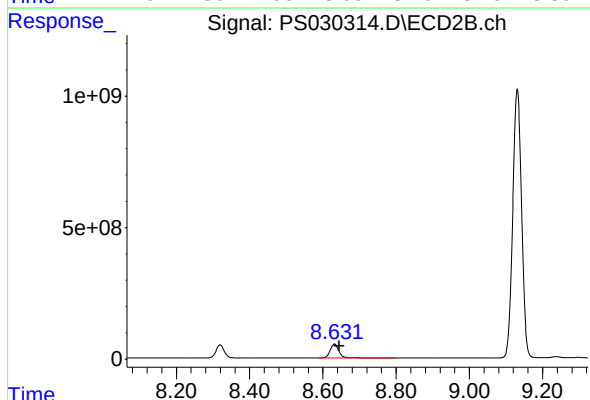
#9 2,4-D

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 2287508773
Conc: 697.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

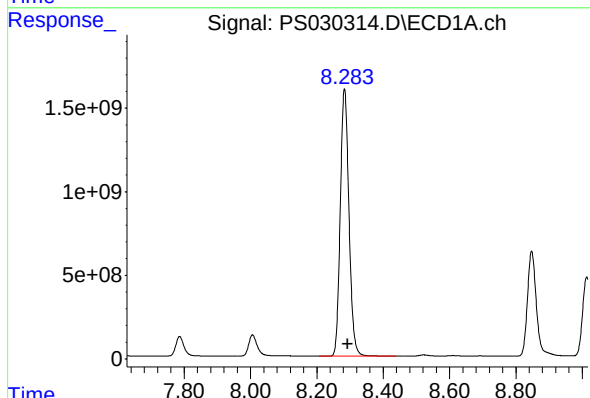
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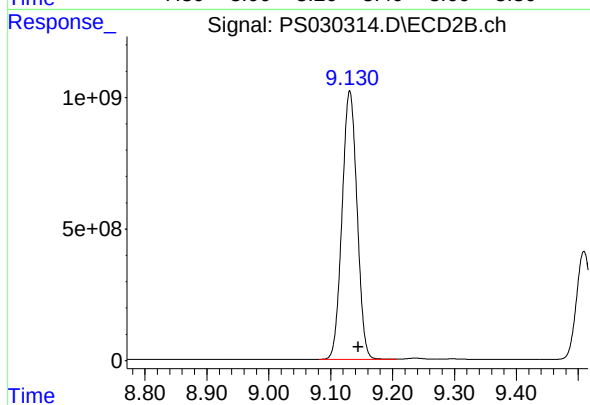
#9 2,4-D

R.T.: 8.632 min
Delta R.T.: -0.014 min
Response: 868176023
Conc: 672.74 ng/ml



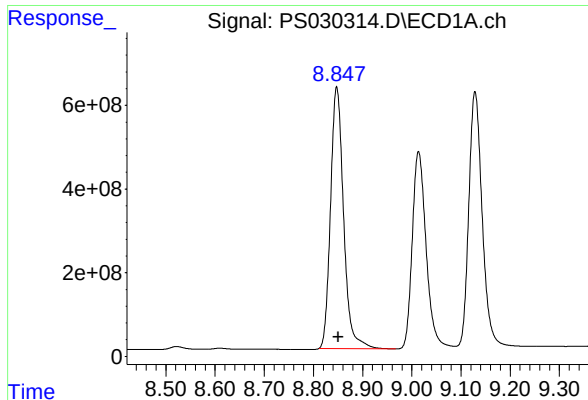
#10 Pentachlorophenol

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 29037135495
Conc: 716.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.131 min
Delta R.T.: -0.014 min
Response: 17161814517
Conc: 695.23 ng/ml



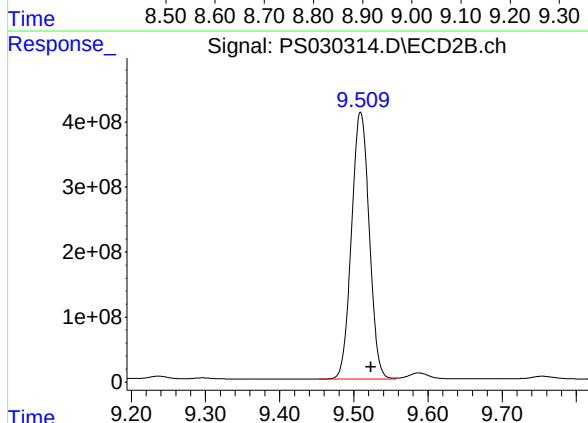
#11 2,4,5-TP (SILVEX)

R.T.: 8.847 min
Delta R.T.: -0.003 min
Response: 11540720446
Conc: 712.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

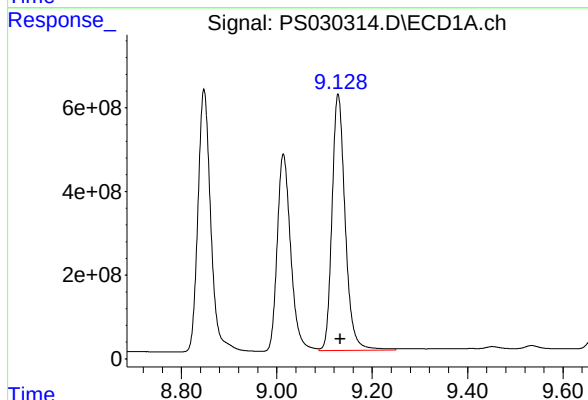
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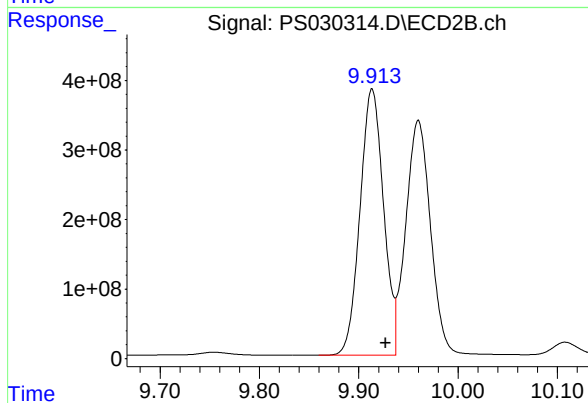
#11 2,4,5-TP (SILVEX)

R.T.: 9.509 min
Delta R.T.: -0.014 min
Response: 6806442031
Conc: 690.98 ng/ml



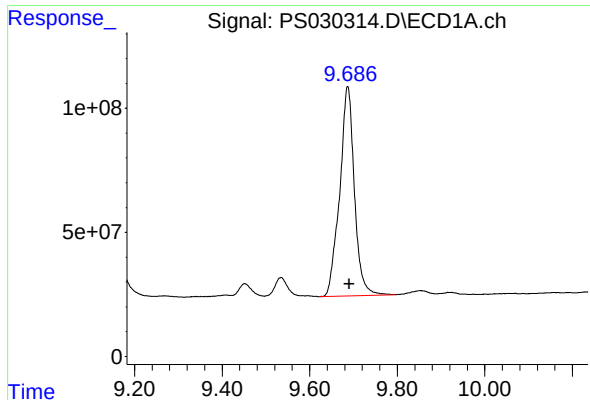
#12 2,4,5-T

R.T.: 9.129 min
Delta R.T.: -0.004 min
Response: 11763476627
Conc: 712.28 ng/ml



#12 2,4,5-T

R.T.: 9.913 min
Delta R.T.: -0.014 min
Response: 6298119259
Conc: 684.31 ng/ml



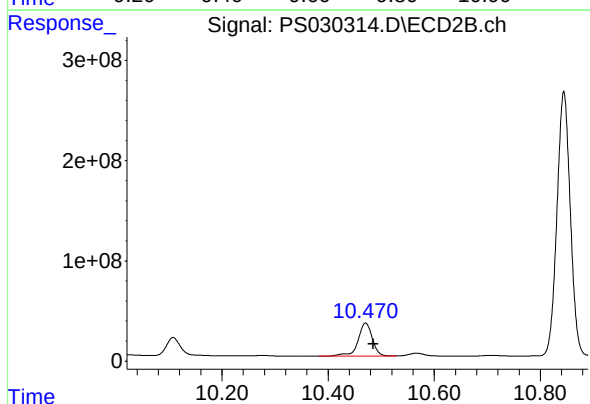
#13 2,4-DB

R.T.: 9.687 min
Delta R.T.: -0.003 min
Response: 1971103087
Conc: 755.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

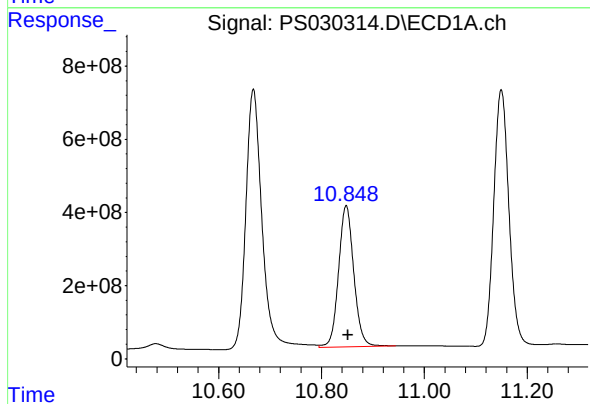
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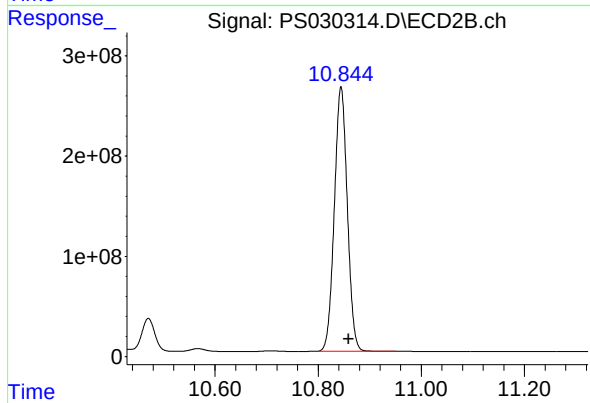
#13 2,4-DB

R.T.: 10.471 min
Delta R.T.: -0.014 min
Response: 619270520
Conc: 624.03 ng/ml



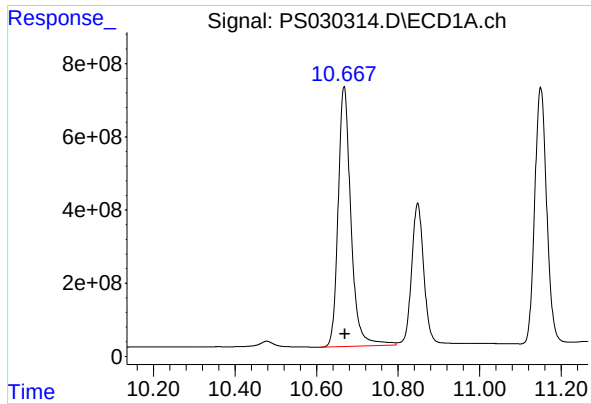
#14 DINOSEB

R.T.: 10.848 min
Delta R.T.: -0.003 min
Response: 7949972697
Conc: 695.15 ng/ml



#14 DINOSEB

R.T.: 10.844 min
Delta R.T.: -0.014 min
Response: 4592549328
Conc: 672.21 ng/ml



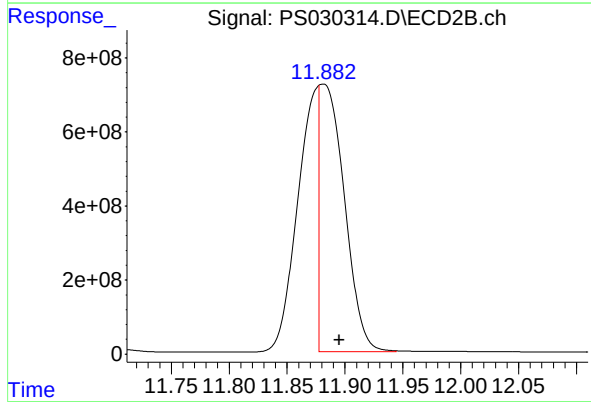
#15 Picloram

R.T.: 10.668 min
Delta R.T.: -0.002 min
Response: 15471319813
Conc: 723.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

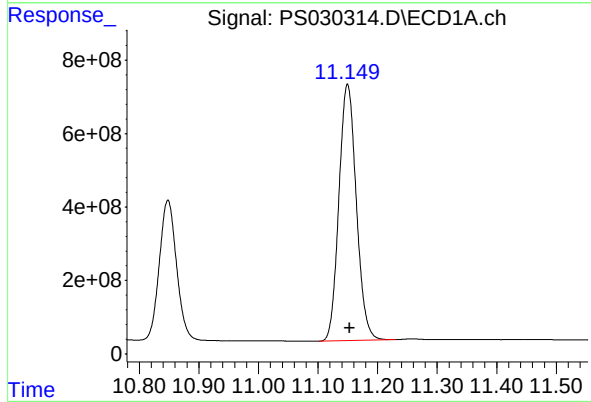
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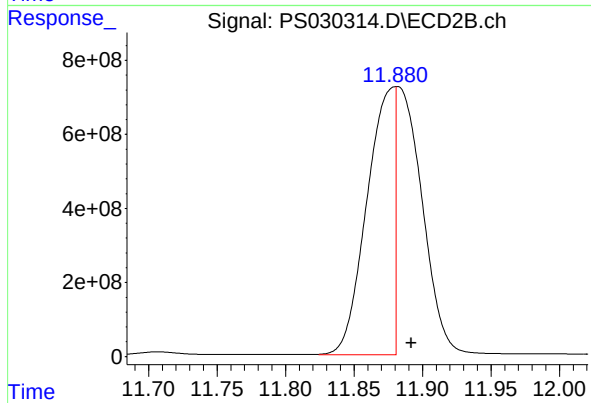
#15 Picloram

R.T.: 11.882 min
Delta R.T.: -0.013 min
Response: 10682377697
Conc: 759.06 ng/ml m



#16 DCPA

R.T.: 11.150 min
Delta R.T.: -0.003 min
Response: 14177529365
Conc: 712.03 ng/ml



#16 DCPA

R.T.: 11.880 min
Delta R.T.: -0.012 min
Response: 10105748804
Conc: 747.99 ng/ml m