

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052725\
 Data File : PS030420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 19:35
 Operator : AR\AJ
 Sample : Q2127-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/29/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 09:18:41 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 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	6.923	7.440	485.4E6	126.0E6	170.462	157.445
Target Compounds							
1) T	Dalapon	2.439	2.510	1514.1E6	1311.7E6	308.032	645.845 #
2) T	3,5-DICHL...	6.130	6.442	403.8E6	109.9E6	96.831	94.229
3) T	4-Nitroph...	6.713	6.976	500.8E6	210.4E6	242.451	201.501
5) T	DICAMBA	7.100	7.624	1698.4E6	621.9E6	146.951	131.536
6) T	MCP	7.275	7.779f	23117208	32925056	3.174m	17.896 #
7) T	MCPA	7.417	7.955f	119.8E6	32452563	11.540	12.303
8) T	DICHLORPROP	7.780	8.326	309.0E6	196.7E6	105.774	166.511 #
9) T	2,4-D	7.999	8.627	552.2E6	218.2E6	168.408	169.114
10) T	Pentachlo...	8.275	9.125	1220.3E6	813.1E6	30.131	32.938m
11) T	2,4,5-TP ...	8.838	9.504	652.8E6	418.2E6	40.307m	42.452
12) T	2,4,5-T	9.121	9.907	1196.0E6	649.5E6	72.420	70.569
13) T	2,4-DB	9.681	10.456f	235.5E6	70066782	90.244	70.605
14) T	DINOSEB	10.834	10.863	120.2E6	223.5E6	10.508	32.709 #
15) T	Picloram	10.657	11.868f	4920.0E6	4065.6E6	230.046	288.890m#
16) T	DCPA	11.137	11.865f	6681.4E6	3879.5E6	335.557	287.148m

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

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Acq On : 27 May 2025 19:35
Operator : AR\AJ
Sample : Q2127-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

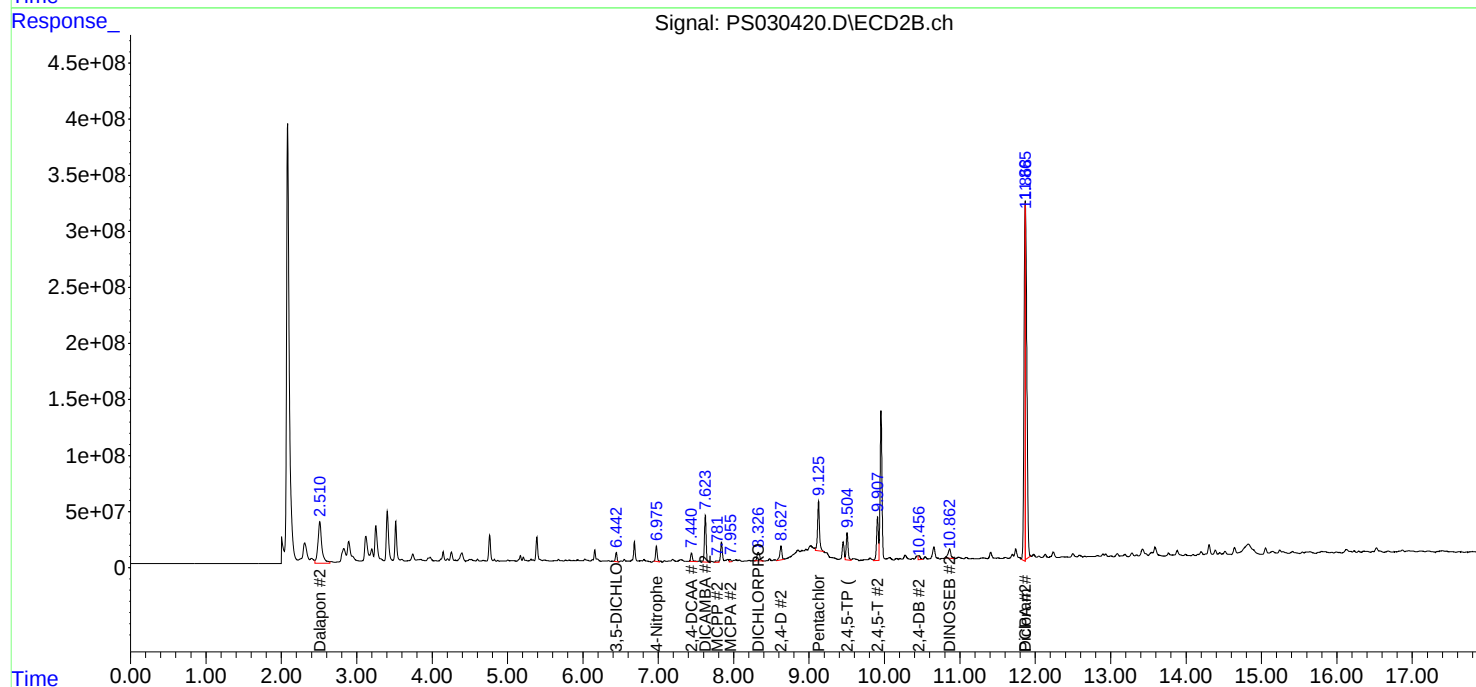
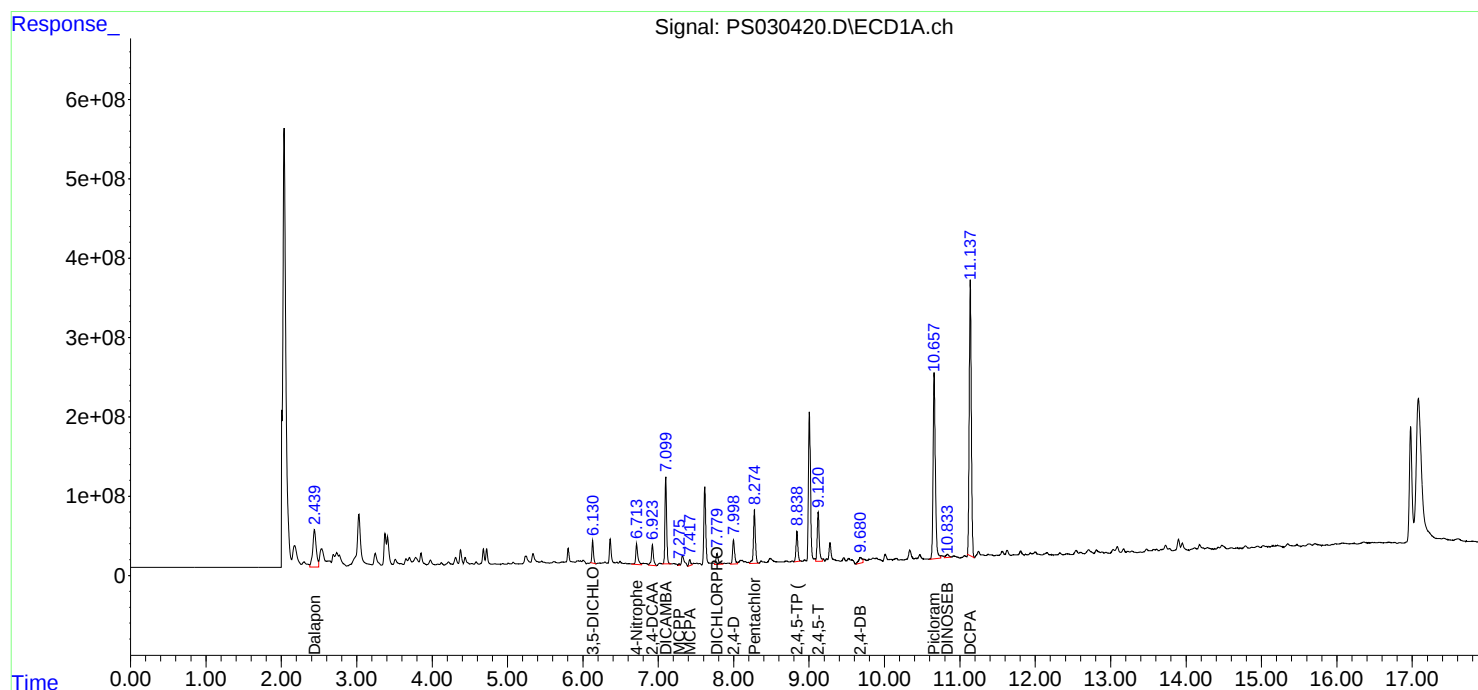
Instrument :
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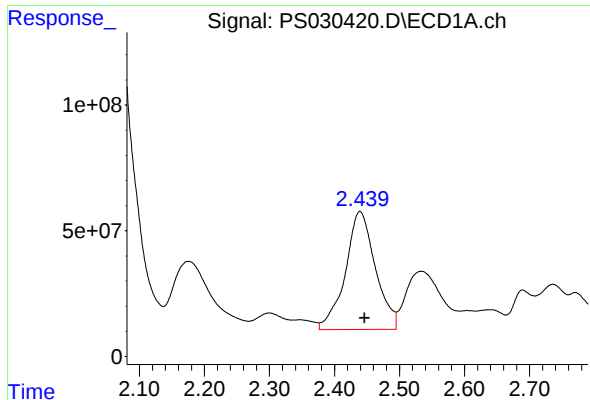
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





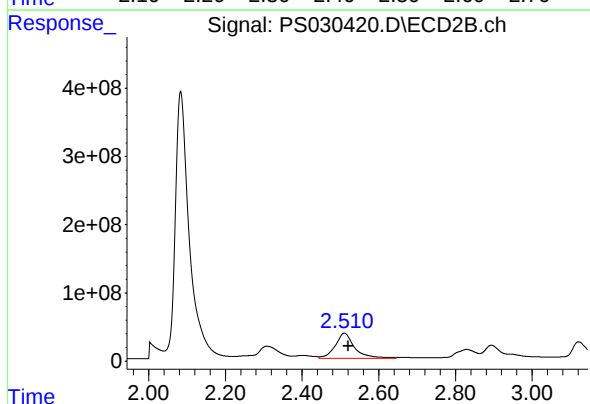
#1 Dalapon

R.T.: 2.439 min
Delta R.T.: -0.007 min
Response: 1514090268
Conc: 308.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

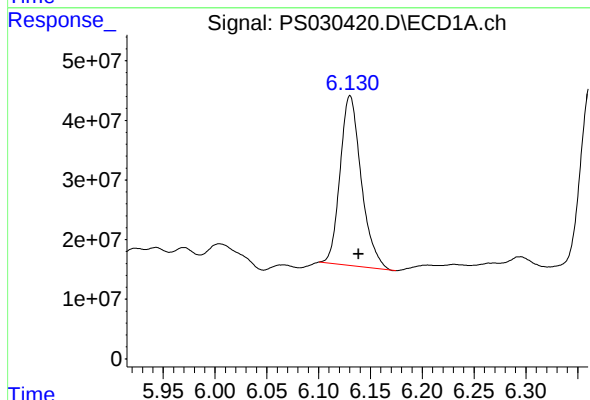
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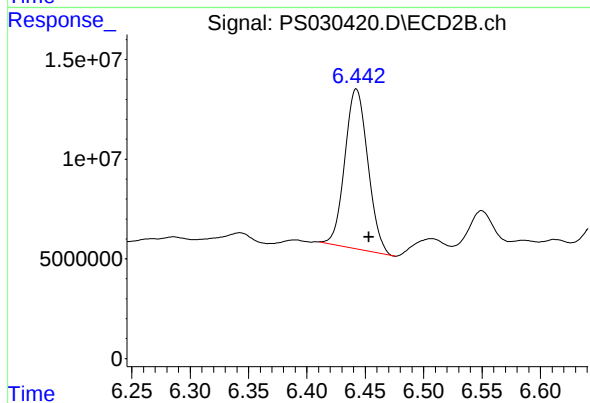
#1 Dalapon

R.T.: 2.510 min
Delta R.T.: -0.010 min
Response: 1311743740
Conc: 645.85 ng/ml



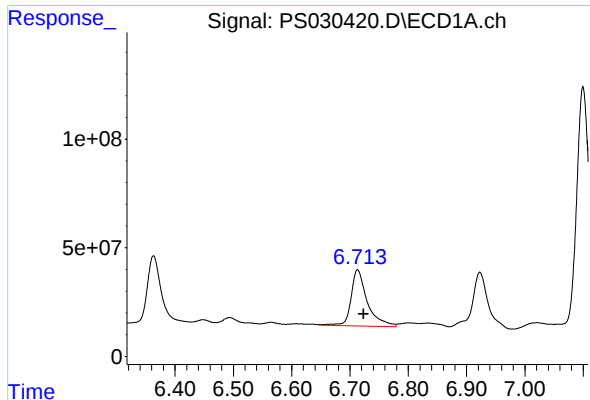
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 403839030
Conc: 96.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 109855215
Conc: 94.23 ng/ml



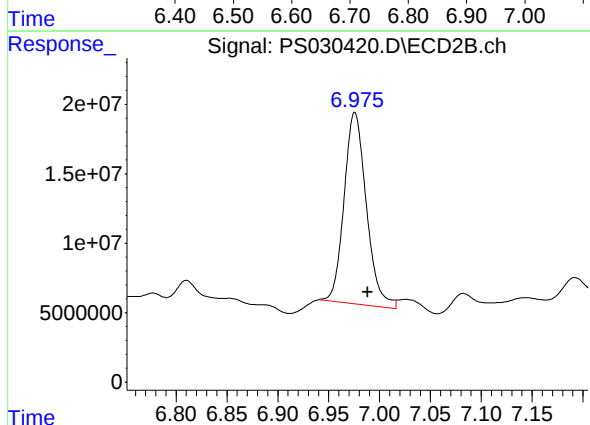
#3 4-Nitrophenol

R.T.: 6.713 min
Delta R.T.: -0.010 min
Response: 500810786
Conc: 242.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

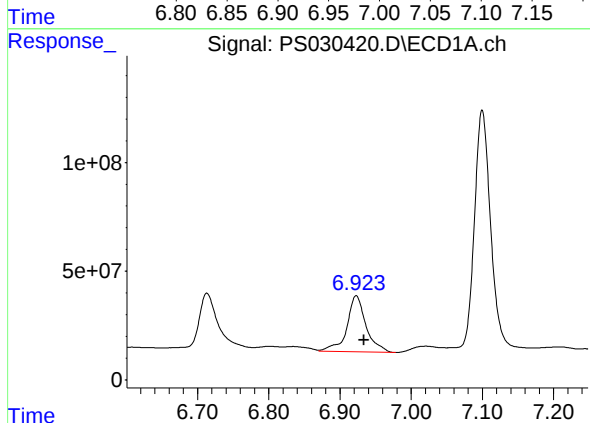
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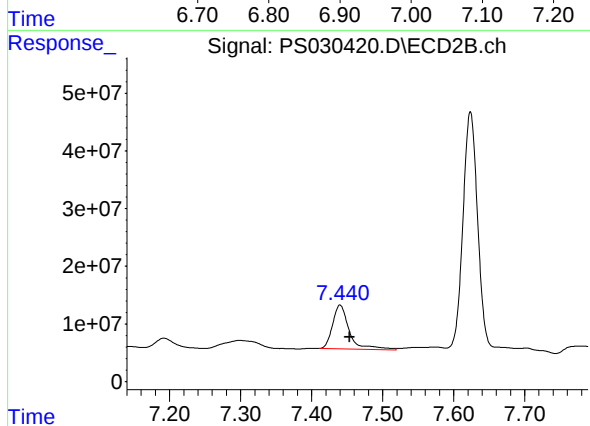
#3 4-Nitrophenol

R.T.: 6.976 min
Delta R.T.: -0.013 min
Response: 210373719
Conc: 201.50 ng/ml



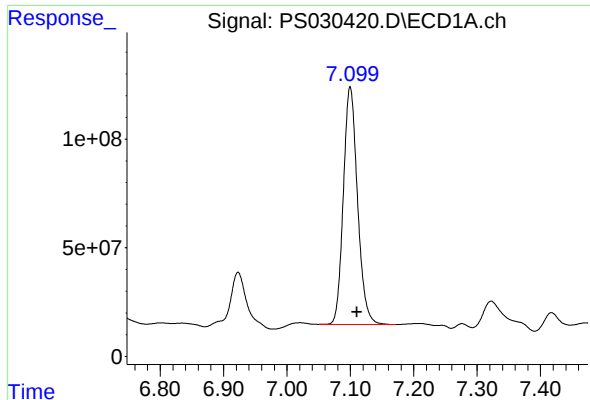
#4 2,4-DCAA

R.T.: 6.923 min
Delta R.T.: -0.011 min
Response: 485442545
Conc: 170.46 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 125988051
Conc: 157.45 ng/ml



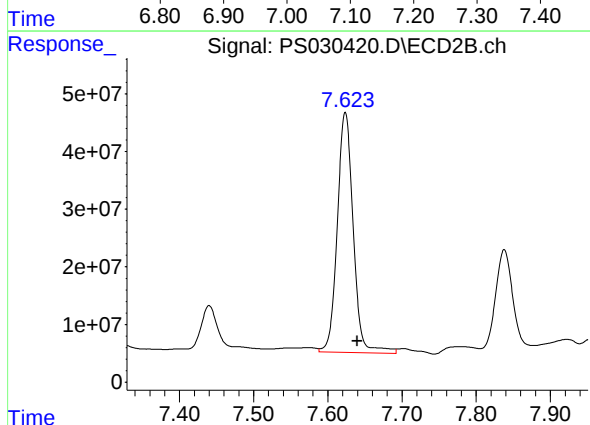
#5 DICAMBA

R.T.: 7.100 min
Delta R.T.: -0.010 min
Response: 1698369397
Conc: 146.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

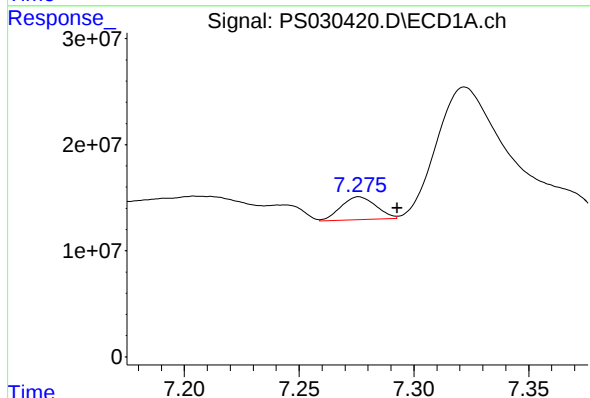
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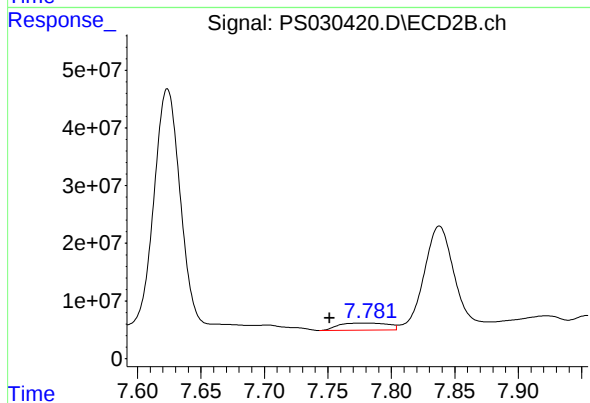
#5 DICAMBA

R.T.: 7.624 min
Delta R.T.: -0.016 min
Response: 621900446
Conc: 131.54 ng/ml



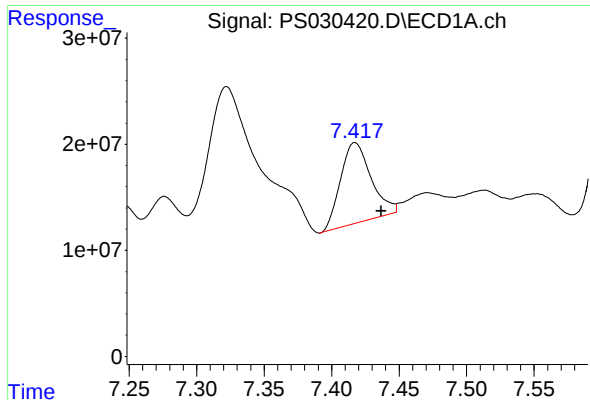
#6 MCPP

R.T.: 7.275 min
Delta R.T.: -0.017 min
Response: 23117208
Conc: 3.17 ug/ml m



#6 MCPP

R.T.: 7.779 min
Delta R.T.: 0.027 min
Response: 32925056
Conc: 17.90 ug/ml



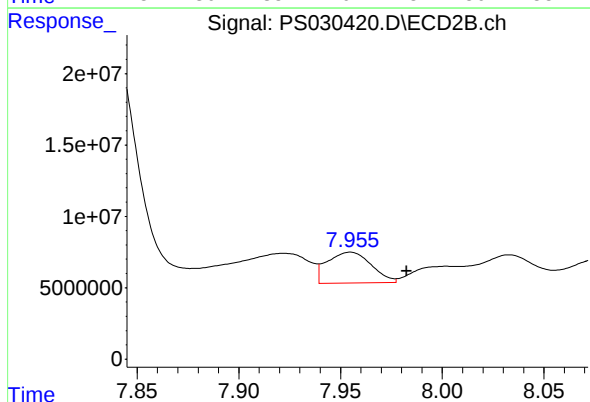
#7 MCPA

R.T.: 7.417 min
Delta R.T.: -0.019 min
Response: 119796519
Conc: 11.54 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

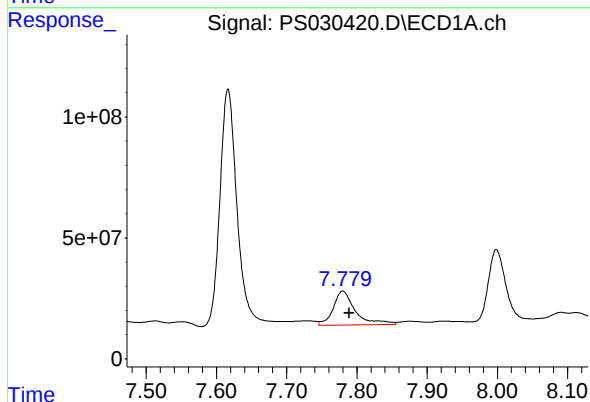
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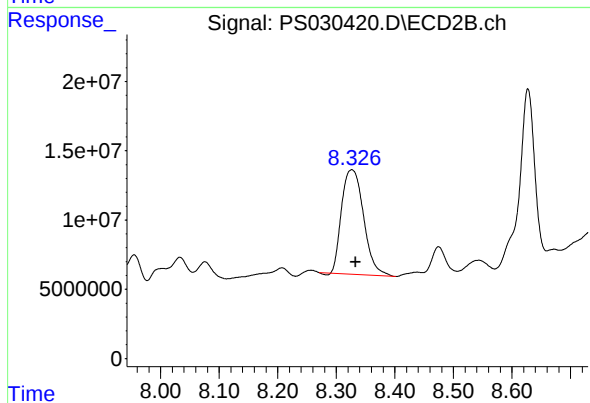
#7 MCPA

R.T.: 7.955 min
Delta R.T.: -0.028 min
Response: 32452563
Conc: 12.30 ug/ml



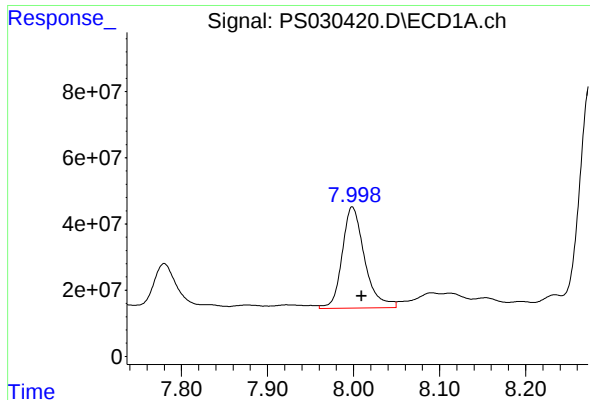
#8 DICHLORPROP

R.T.: 7.780 min
Delta R.T.: -0.009 min
Response: 309003741
Conc: 105.77 ng/ml



#8 DICHLORPROP

R.T.: 8.326 min
Delta R.T.: -0.006 min
Response: 196721958
Conc: 166.51 ng/ml



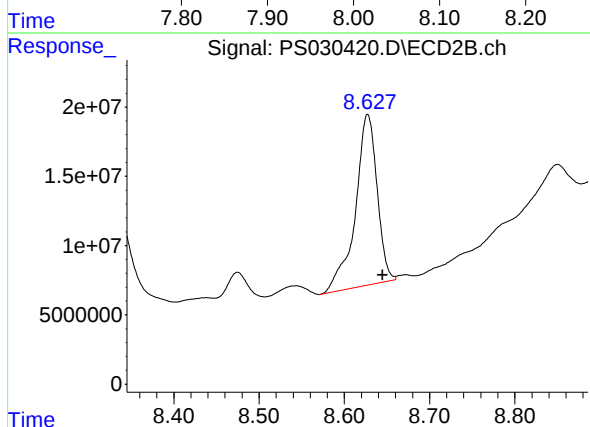
#9 2,4-D

R.T.: 7.999 min
Delta R.T.: -0.011 min
Response: 552198323
Conc: 168.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

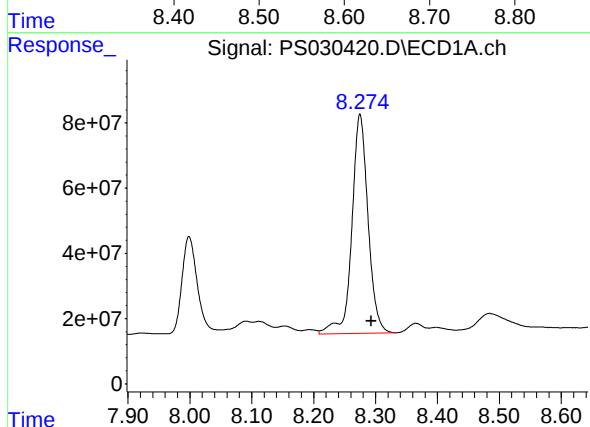
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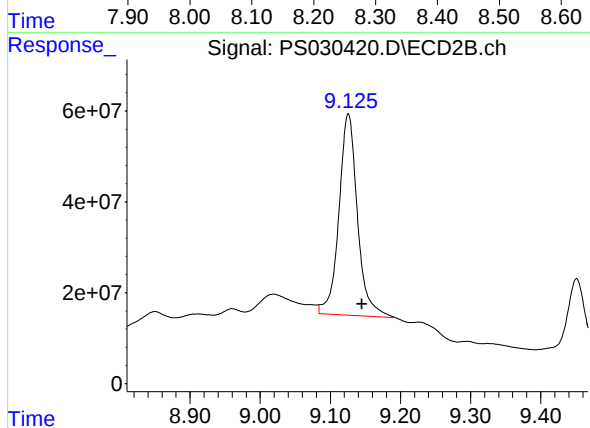
#9 2,4-D

R.T.: 8.627 min
Delta R.T.: -0.018 min
Response: 218242110
Conc: 169.11 ng/ml



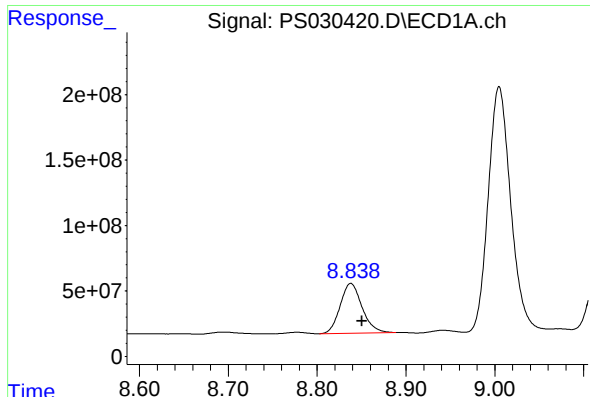
#10 Pentachlorophenol

R.T.: 8.275 min
Delta R.T.: -0.018 min
Response: 1220312716
Conc: 30.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.125 min
Delta R.T.: -0.020 min
Response: 813068640
Conc: 32.94 ng/ml m



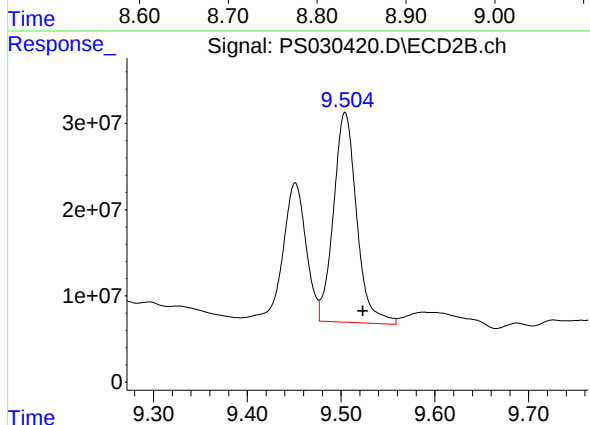
#11 2,4,5-TP (SILVEX)

R.T.: 8.838 min
Delta R.T.: -0.013 min
Response: 652803996
Conc: 40.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

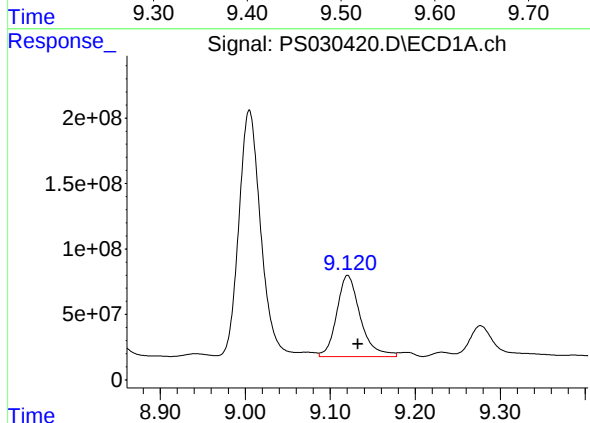
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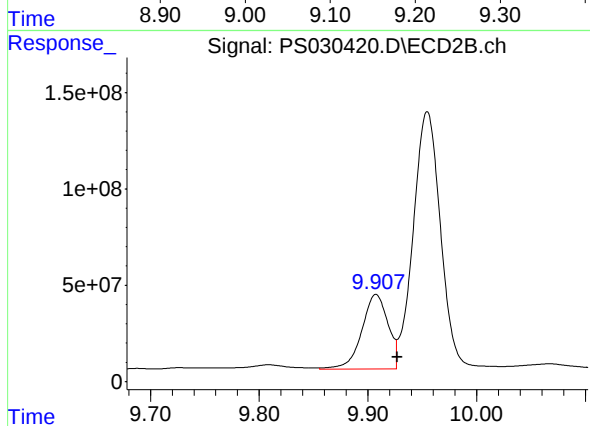
#11 2,4,5-TP (SILVEX)

R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 418168561
Conc: 42.45 ng/ml



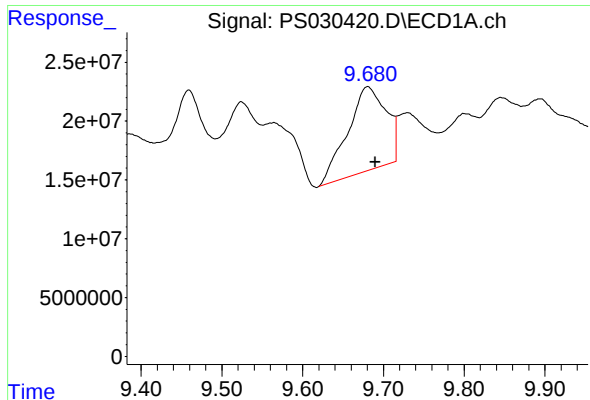
#12 2,4,5-T

R.T.: 9.121 min
Delta R.T.: -0.012 min
Response: 1196036166
Conc: 72.42 ng/ml



#12 2,4,5-T

R.T.: 9.907 min
Delta R.T.: -0.020 min
Response: 649487728
Conc: 70.57 ng/ml



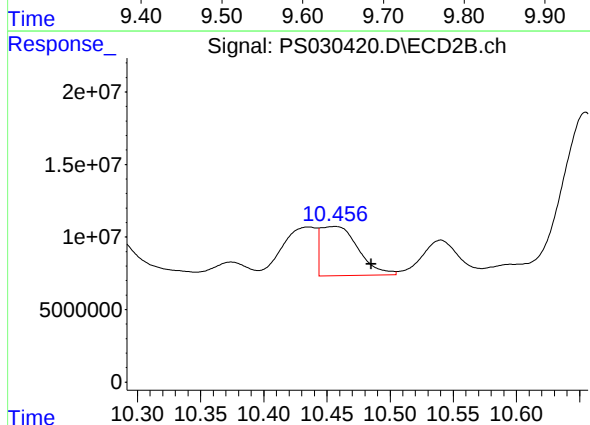
#13 2,4-DB

R.T.: 9.681 min
Delta R.T.: -0.010 min
Response: 235515859
Conc: 90.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

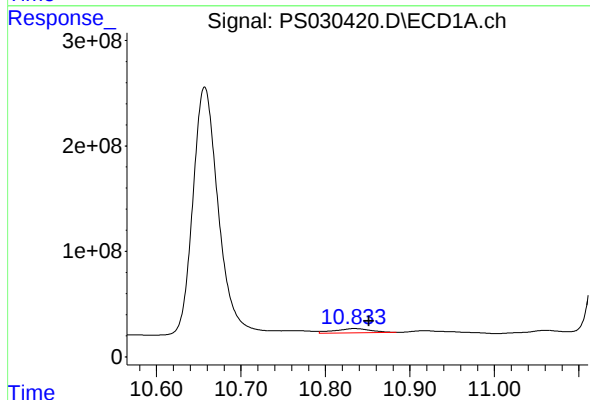
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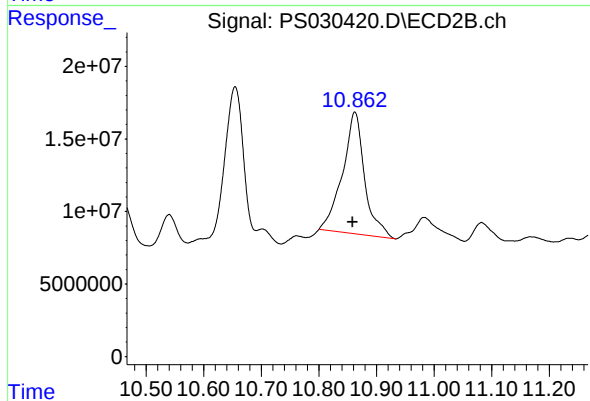
#13 2,4-DB

R.T.: 10.456 min
Delta R.T.: -0.029 min
Response: 70066782
Conc: 70.61 ng/ml



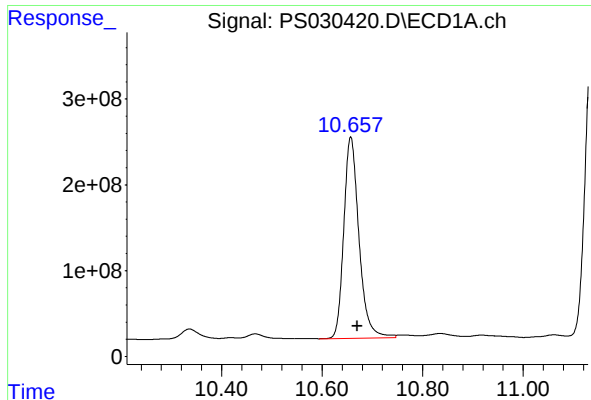
#14 DINOSEB

R.T.: 10.834 min
Delta R.T.: -0.017 min
Response: 120168874
Conc: 10.51 ng/ml



#14 DINOSEB

R.T.: 10.863 min
Delta R.T.: 0.004 min
Response: 223466183
Conc: 32.71 ng/ml



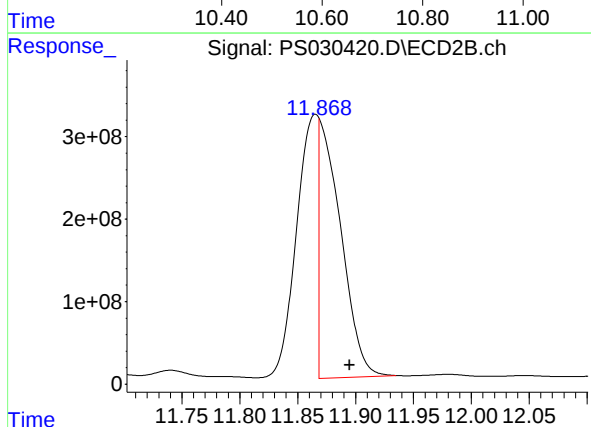
#15 Picloram

R.T.: 10.657 min
Delta R.T.: -0.013 min
Response: 4919993535
Conc: 230.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-2MS

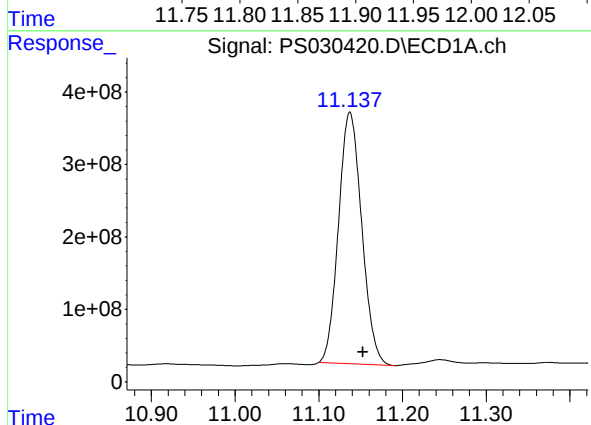
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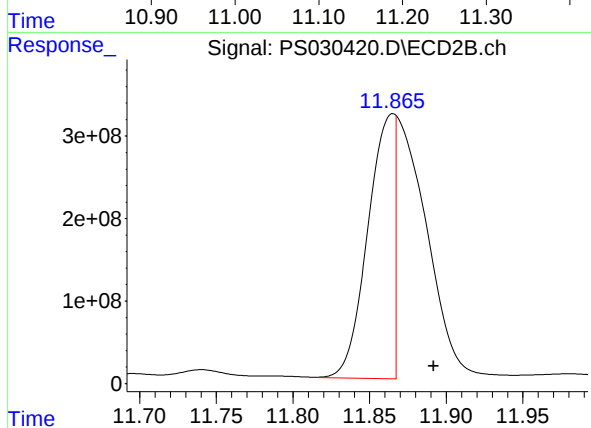
#15 Picloram

R.T.: 11.868 min
Delta R.T.: -0.027 min
Response: 4065588238
Conc: 288.89 ng/ml m



#16 DCPA

R.T.: 11.137 min
Delta R.T.: -0.016 min
Response: 6681442915
Conc: 335.56 ng/ml



#16 DCPA

R.T.: 11.865 min
Delta R.T.: -0.027 min
Response: 3879524506
Conc: 287.15 ng/ml m