

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 13:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 14:10:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.941	7.466	1814.5E6	526.2E6	737.273	746.827
Target Compounds							
1) T	Dalapon	2.449	2.525	2819.1E6	1165.9E6	688.379	671.523
2) T	3,5-DICHL...	6.145	6.463	2468.5E6	678.1E6	690.713	693.703
3) T	4-Nitroph...	6.732	7.000	1200.0E6	513.8E6	672.888	670.865
5) T	DICAMBA	7.118	7.653	6990.0E6	2817.6E6	705.859	713.314
6) T	MCP	7.297	7.760	472.2E6	128.5E6	73.289	73.480
7) T	MCPA	7.440	7.991	628.5E6	166.9E6	71.172	70.539
8) T	DICHLORPROP	7.798	8.348	1757.6E6	700.9E6	693.571	698.139
9) T	2,4-D	8.019	8.661	1969.7E6	785.2E6	700.238	696.634
10) T	Pentachlo...	8.297	9.163	25134.7E6	14725.8E6	720.501	723.809
11) T	2,4,5-TP ...	8.862	9.542	9884.0E6	5900.4E6	712.983	721.163
12) T	2,4,5-T	9.144	9.947	10030.8E6	5557.5E6	713.779	715.935
13) T	2,4-DB	9.702	10.506	1631.5E6	578.3E6	713.891	718.534
14) T	DINOSEB	10.866	10.881	7153.1E6	4095.9E6	703.112	702.435
15) T	Picloram	10.684	11.920	13237.5E6	9269.0E6	722.153	754.585m
16) T	DCPA	11.166	11.918	12289.8E6	8349.5E6	722.035	740.751m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

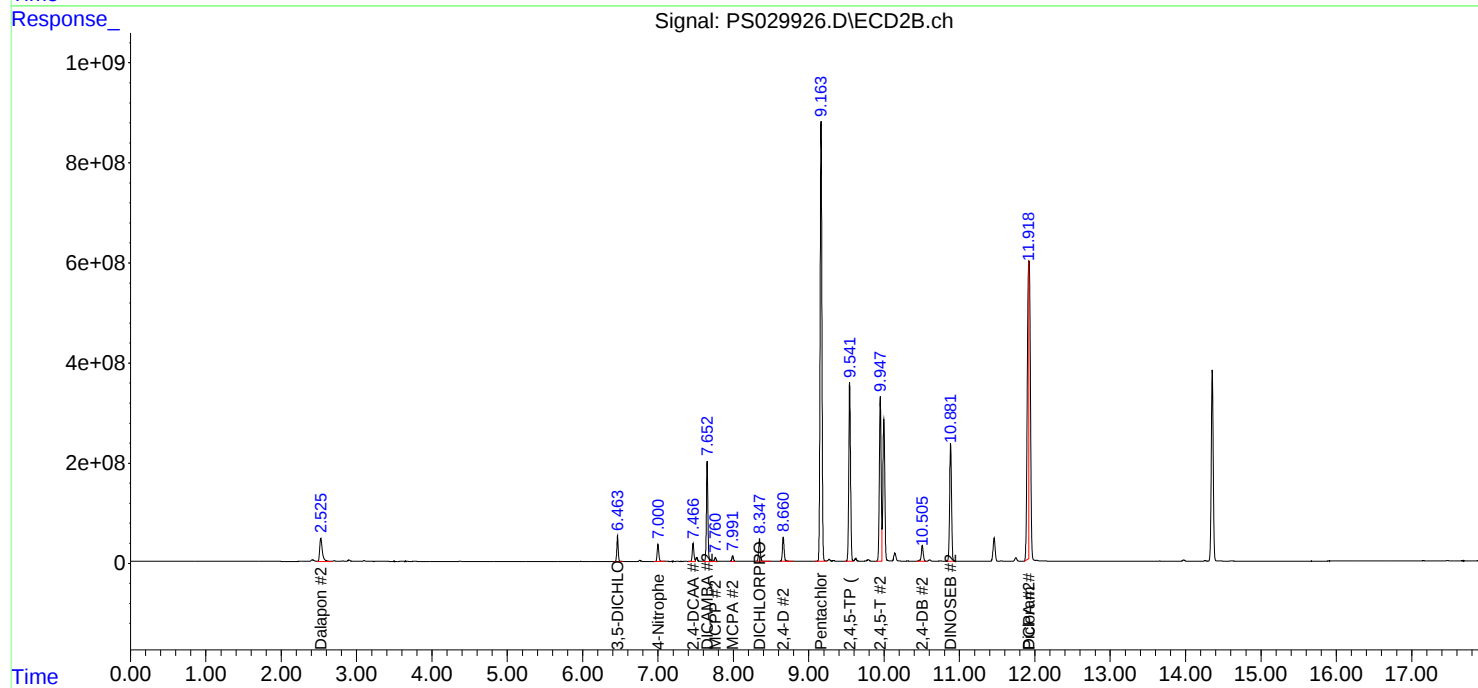
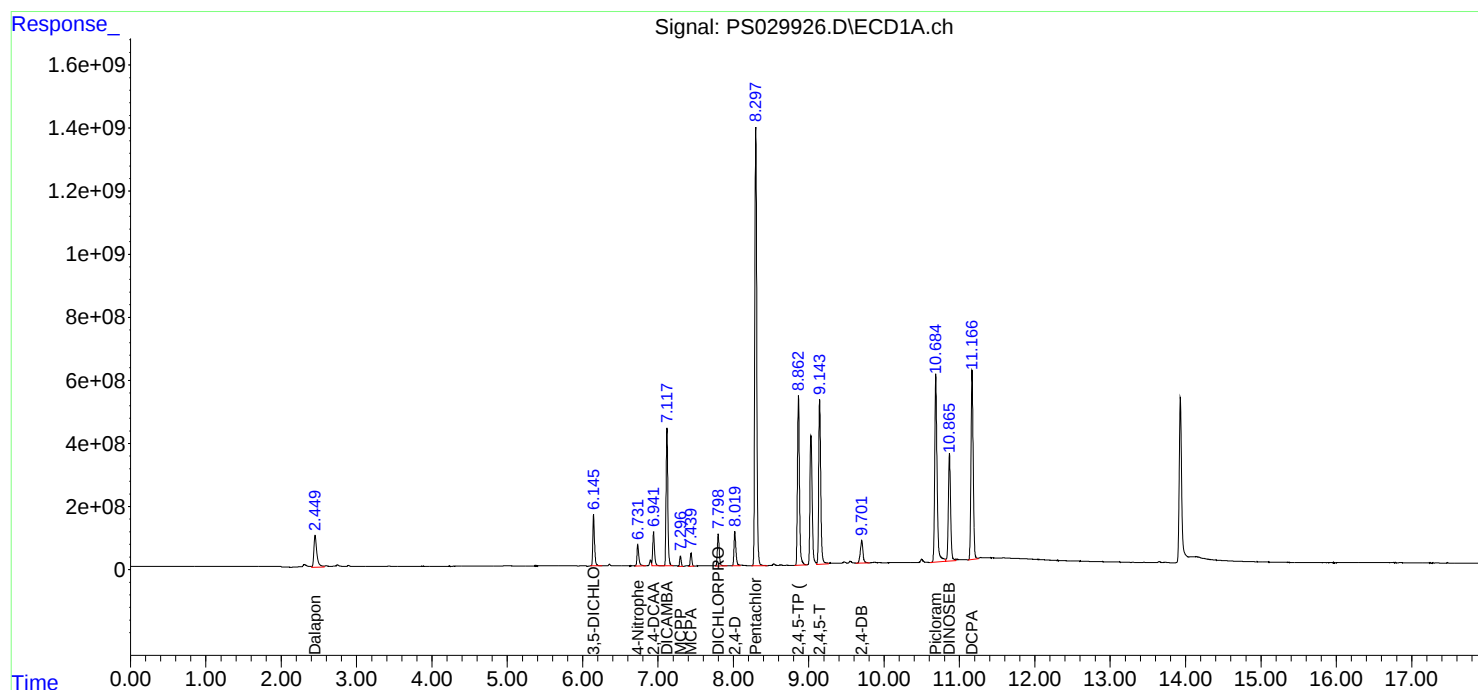
Instrument :
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ClientSampleId :
HSTDCCC750

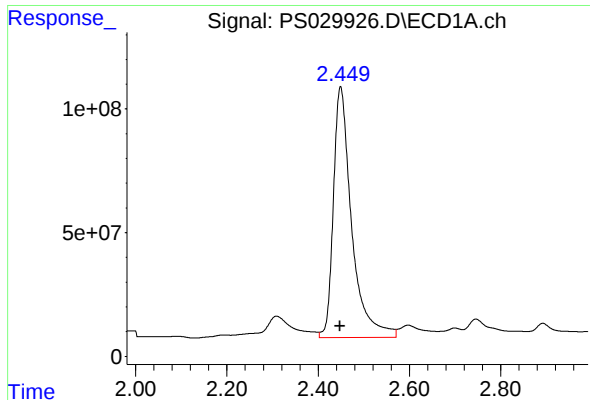
Manual Integrations
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Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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QLast Update : Wed Apr 23 12:57:40 2025
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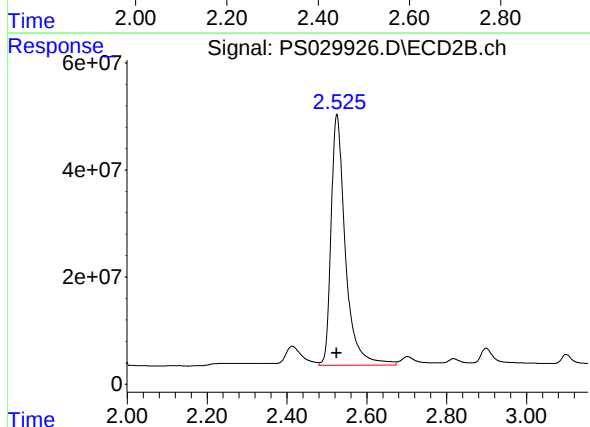
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2819089831
Conc: 688.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

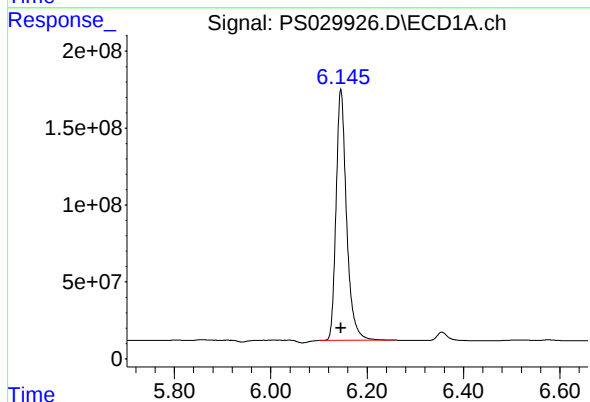
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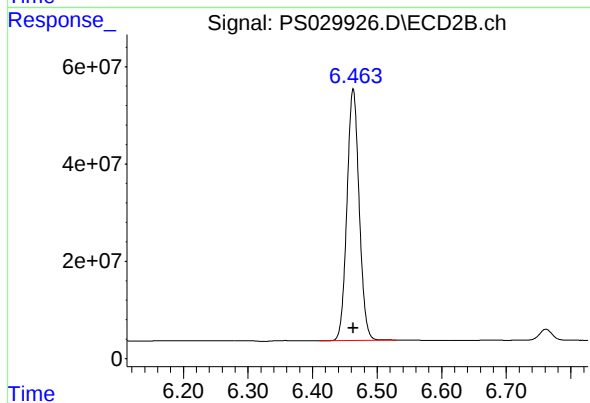
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 1165860937
Conc: 671.52 ng/ml



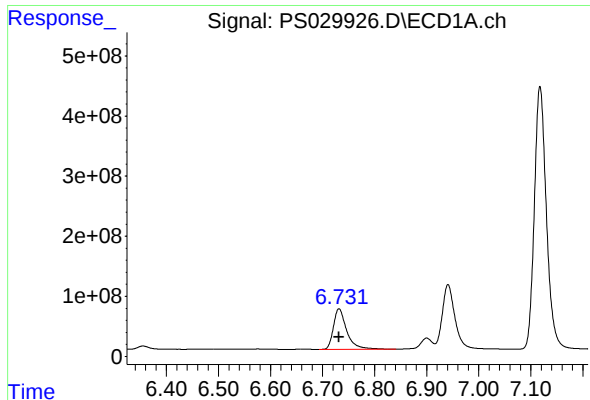
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2468459336
Conc: 690.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 678149367
Conc: 693.70 ng/ml



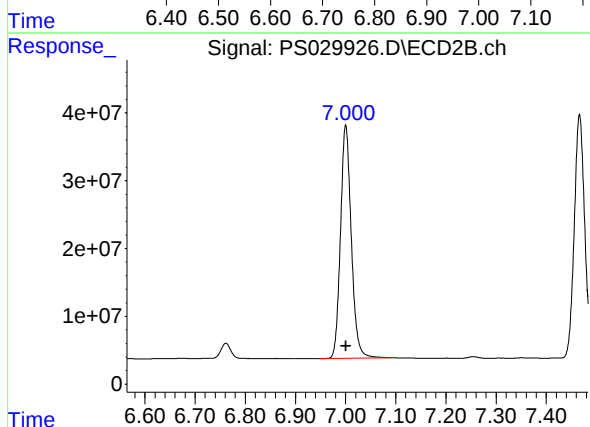
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1199973889
Conc: 672.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

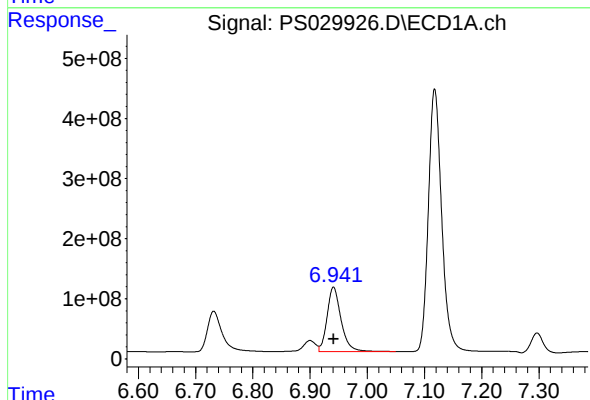
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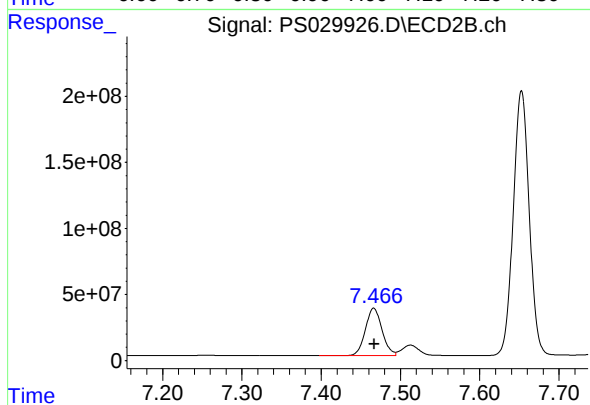
#3 4-Nitrophenol

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 513829641
Conc: 670.86 ng/ml



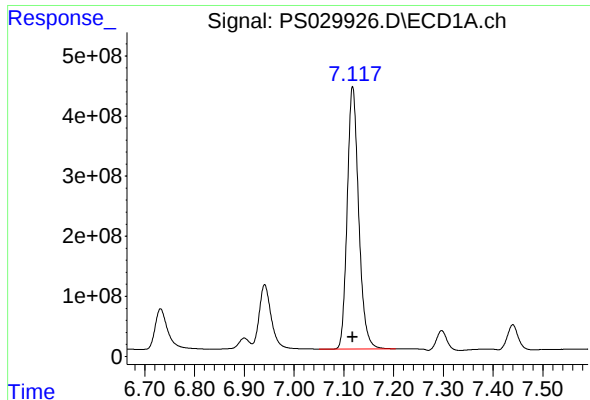
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1814485961
Conc: 737.27 ng/ml



#4 2,4-DCAA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 526152077
Conc: 746.83 ng/ml



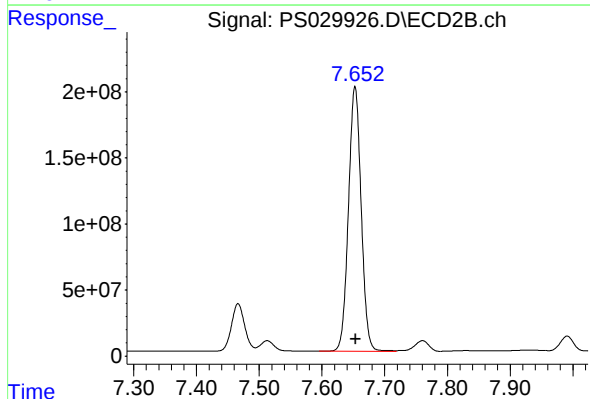
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 6990029399
Conc: 705.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

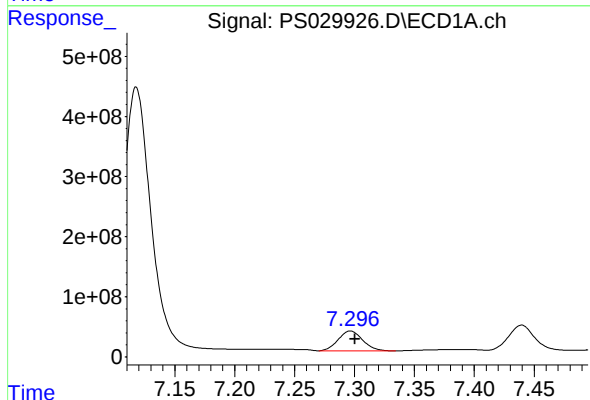
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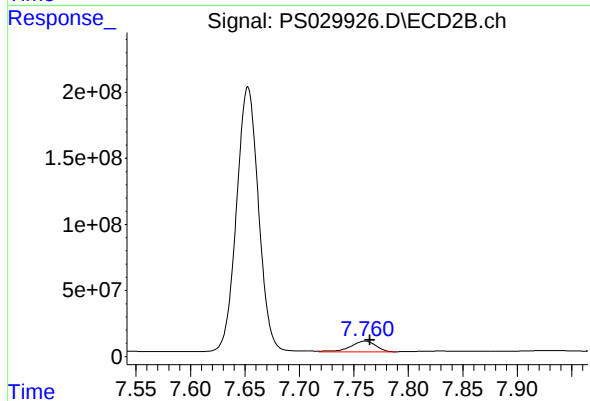
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 2817637690
Conc: 713.31 ng/ml



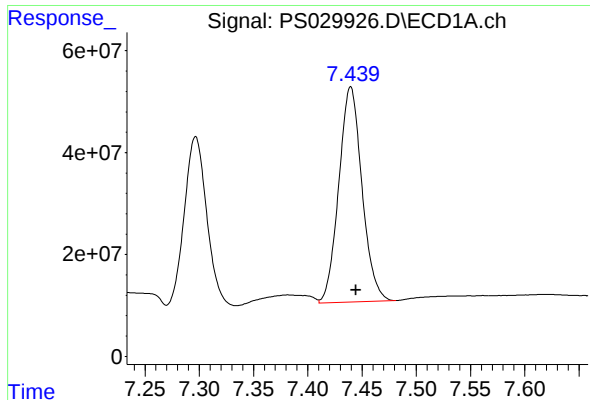
#6 MCP

R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 472245166
Conc: 73.29 ug/ml



#6 MCP

R.T.: 7.760 min
Delta R.T.: -0.004 min
Response: 128512911
Conc: 73.48 ug/ml



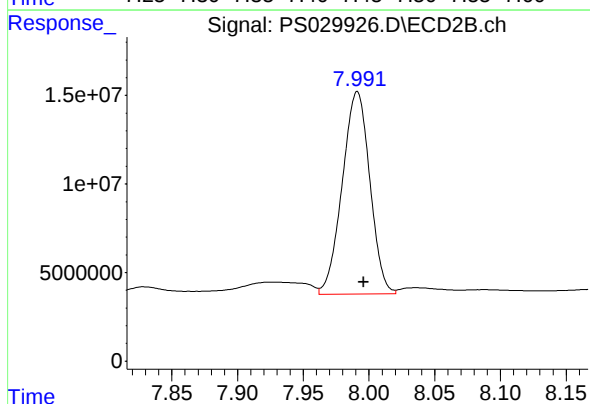
#7 MCPA

R.T.: 7.440 min
Delta R.T.: -0.005 min
Response: 628543511
Conc: 71.17 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

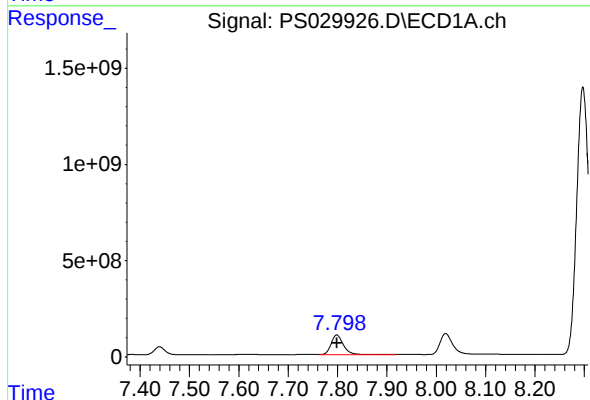
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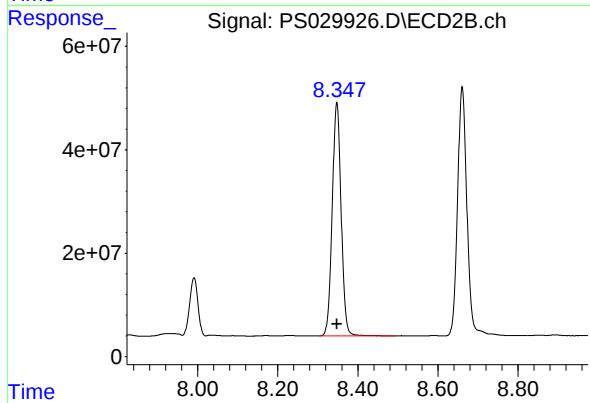
#7 MCPA

R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 166880970
Conc: 70.54 ug/ml



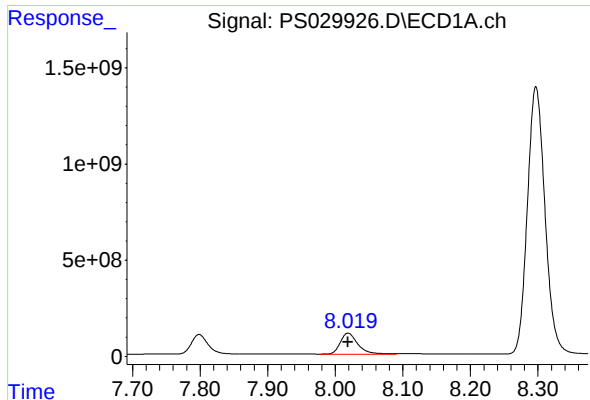
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1757584238
Conc: 693.57 ng/ml



#8 DICHLORPROP

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 700906466
Conc: 698.14 ng/ml



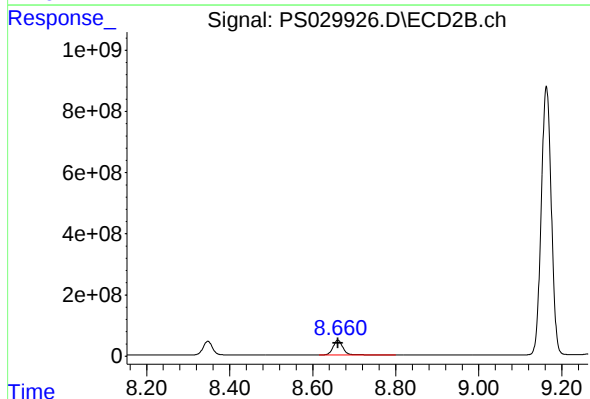
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 1969680181
Conc: 700.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

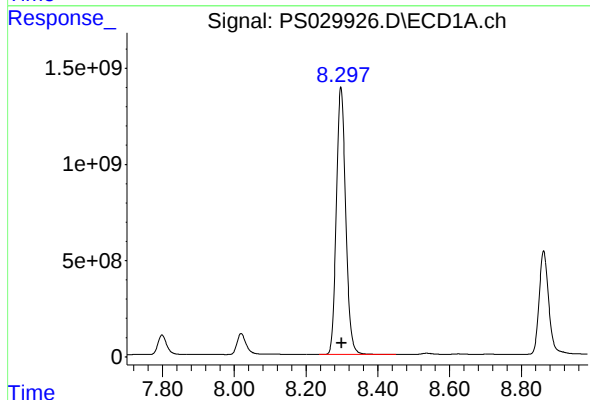
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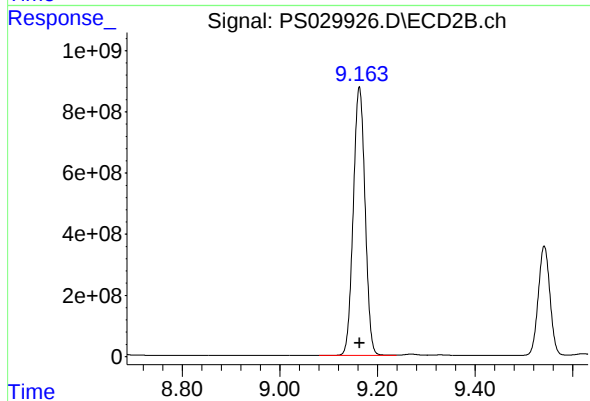
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 785181047
Conc: 696.63 ng/ml



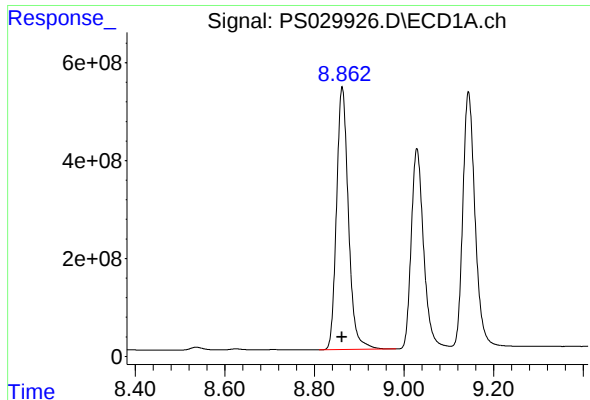
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 25134698150
Conc: 720.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 14725755224
Conc: 723.81 ng/ml



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

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 9883971359
Conc: 712.98 ng/ml

Instrument :

ECD_S

ClientSampleId :

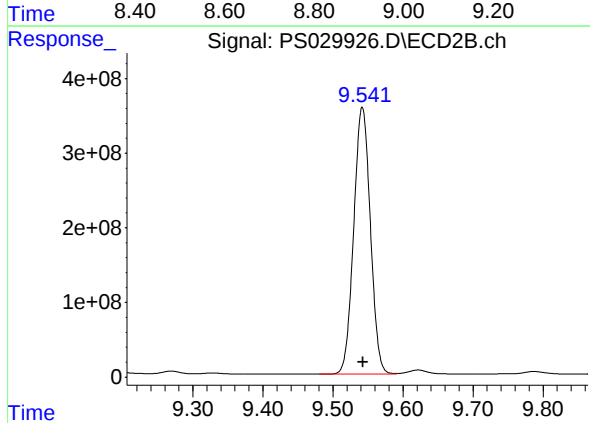
HSTDCCC750

Manual Integrations

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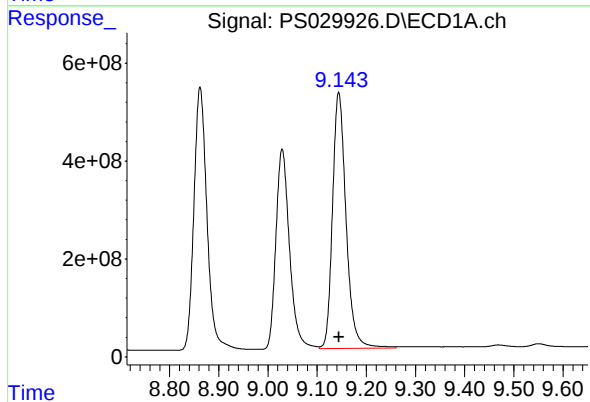
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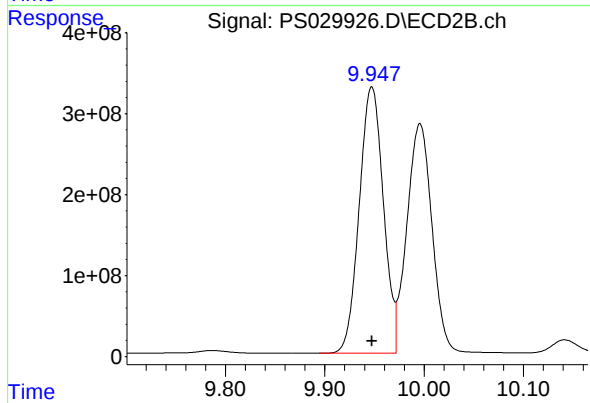
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 5900372935
Conc: 721.16 ng/ml



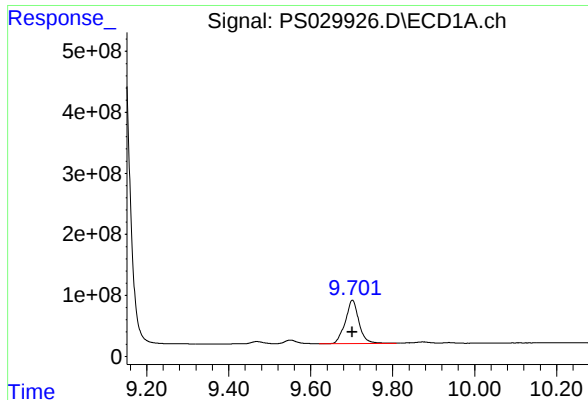
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 10030815891
Conc: 713.78 ng/ml



#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 5557513728
Conc: 715.93 ng/ml



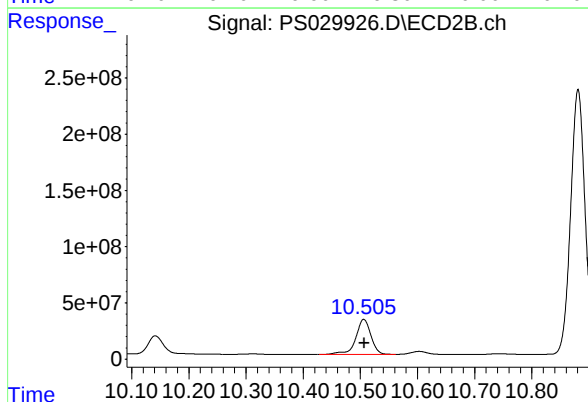
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 1631496217
Conc: 713.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

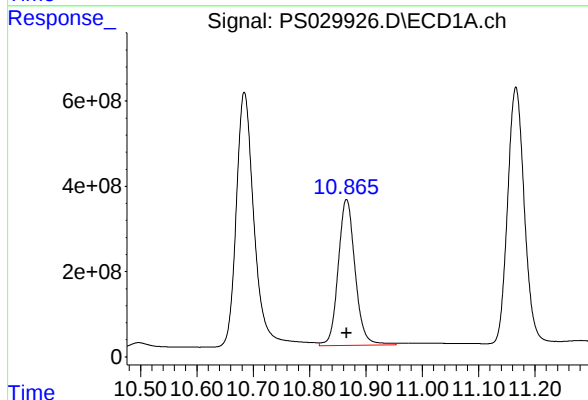
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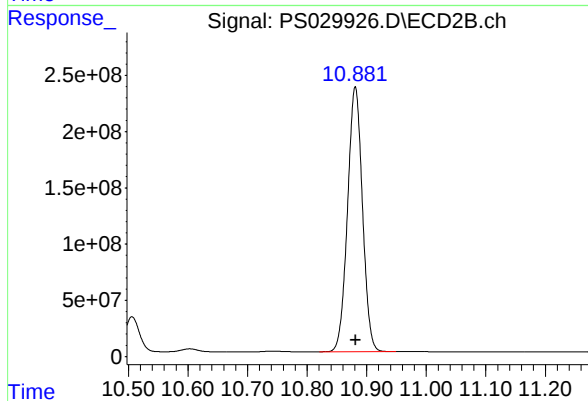
#13 2,4-DB

R.T.: 10.506 min
Delta R.T.: 0.000 min
Response: 578306981
Conc: 718.53 ng/ml



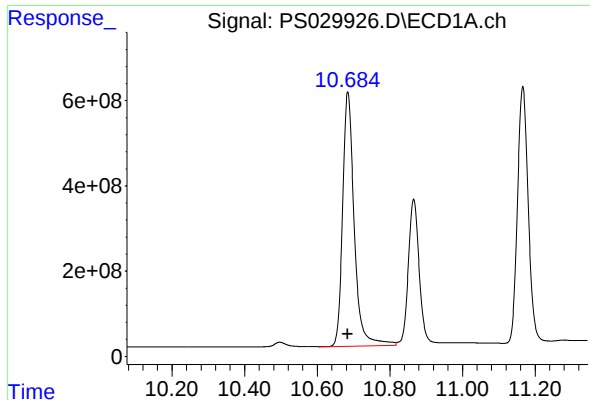
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 7153059193
Conc: 703.11 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 4095885776
Conc: 702.44 ng/ml



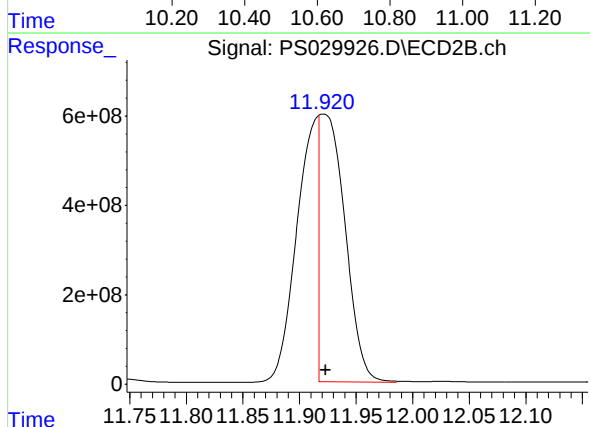
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 13237522552
Conc: 722.15 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

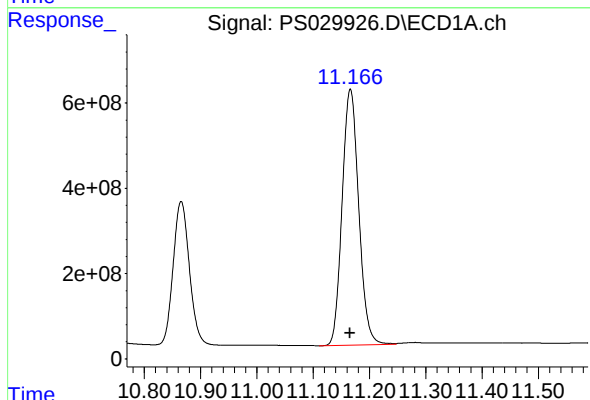
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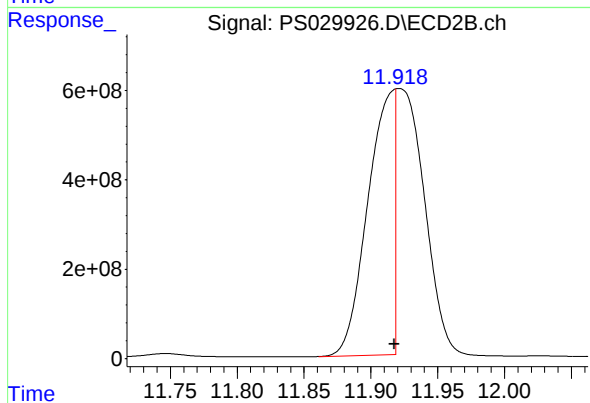
#15 Picloram

R.T.: 11.920 min
Delta R.T.: -0.003 min
Response: 9269049963
Conc: 754.58 ng/ml m



#16 DCPA

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 12289750732
Conc: 722.03 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 8349487463
Conc: 740.75 ng/ml m