

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040425\
 Data File : PS029710.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 12:25
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

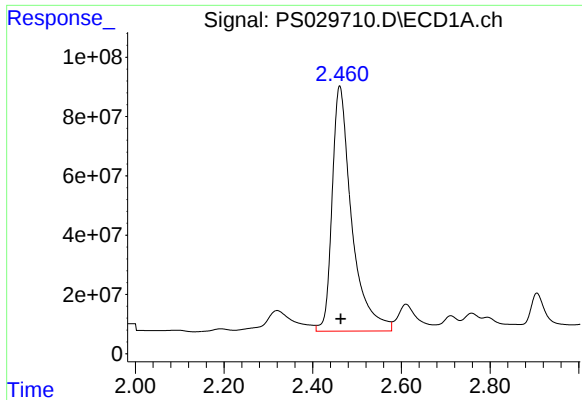
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 12:51:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	6.956	7.471	1635.3E6	544.3E6	802.079	798.603
Target Compounds							
1) T	Dalapon	2.461	2.532	2532.3E6	1157.1E6	746.469	728.846
2) T	3,5-DICHL...	6.159	6.467	2284.2E6	714.3E6	759.426	739.732
3) T	4-Nitroph...	6.746	7.005	1055.7E6	508.9E6	751.520	717.718
5) T	DICAMBA	7.133	7.658	6495.8E6	2835.2E6	780.563	767.654
6) T	MCPD	7.311	7.764	432.0E6	131.7E6	79.702	78.012
7) T	MCPA	7.453	7.995	562.6E6	170.6E6	77.394m	74.995
8) T	DICHLORPROP	7.814	8.352	1605.5E6	701.7E6	729.945	726.250
9) T	2,4-D	8.034	8.666	1779.4E6	780.7E6	738.456	723.938
10) T	Pentachlo...	8.313	9.167	22829.8E6	13982.2E6	750.856	779.922
11) T	2,4,5-TP ...	8.878	9.544	9049.5E6	5566.8E6	779.098	771.778
12) T	2,4,5-T	9.161	9.949	9103.2E6	5243.7E6	791.278	782.314
13) T	2,4-DB	9.719	10.506	1476.3E6	562.4E6	812.607m	757.969
14) T	DINOSEB	10.884	10.877	6448.4E6	3812.4E6	763.843	745.652
15) T	Picloram	10.702	11.916	12031.8E6	8863.8E6	776.228	749.621m
16) T	DCPA	11.185	11.908	11168.1E6	7131.1E6	799.660	805.719m

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



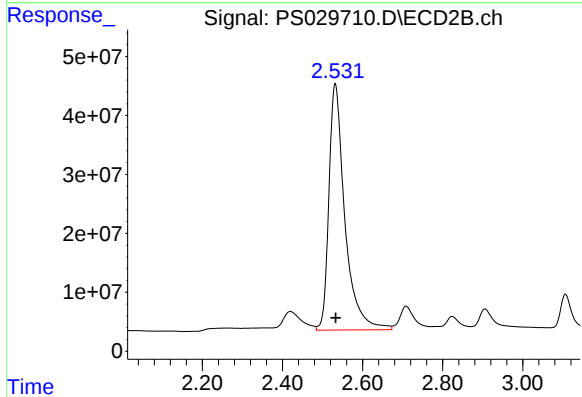
#1 Dalapon

R.T.: 2.461 min
Delta R.T.: -0.002 min
Response: 2532317086
Conc: 746.47 ng/ml

Instrument :
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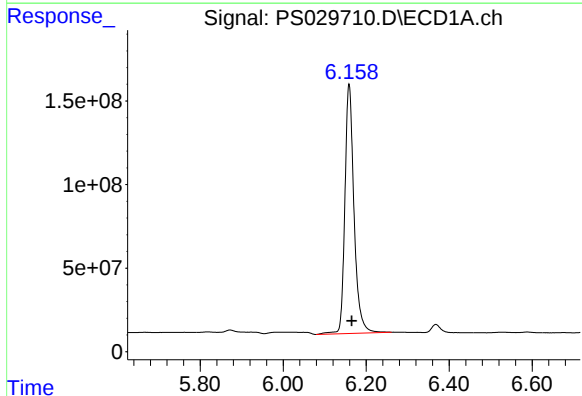
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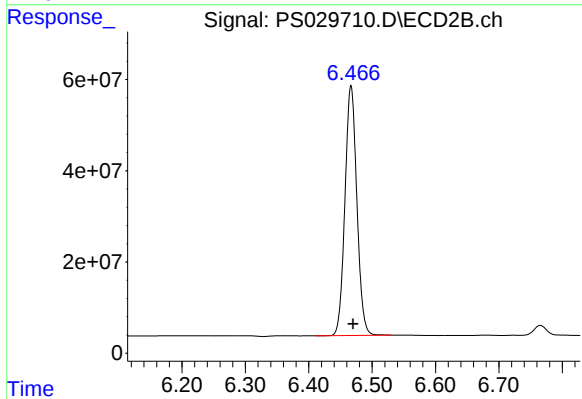
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: -0.001 min
Response: 1157112318
Conc: 728.85 ng/ml



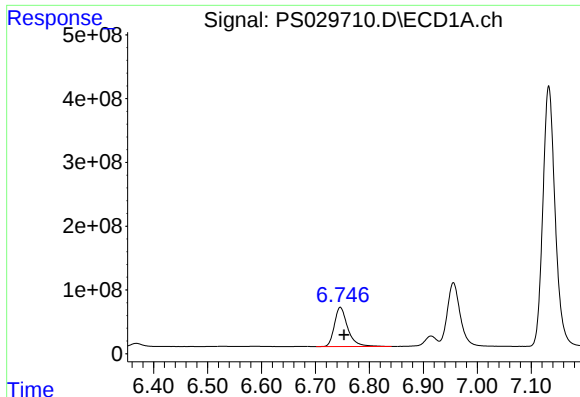
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.159 min
Delta R.T.: -0.006 min
Response: 2284170903
Conc: 759.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 714253849
Conc: 739.73 ng/ml



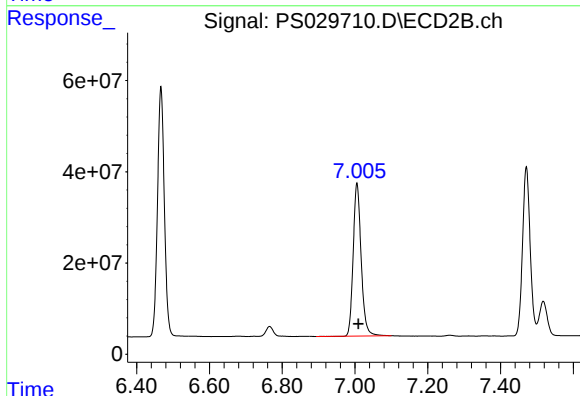
#3 4-Nitrophenol

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 1055734567
Conc: 751.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

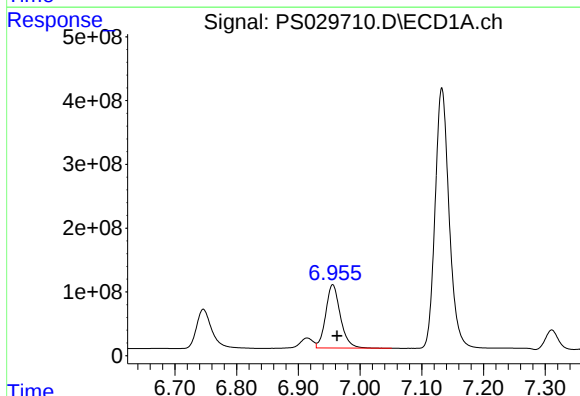
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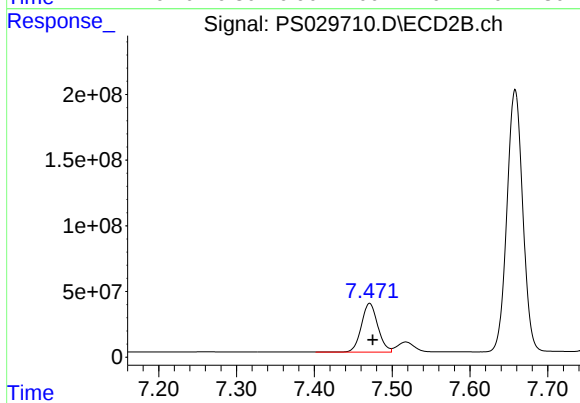
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 508861169
Conc: 717.72 ng/ml



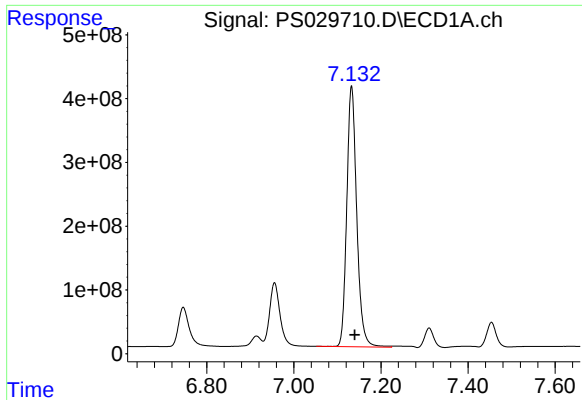
#4 2,4-DCAA

R.T.: 6.956 min
Delta R.T.: -0.007 min
Response: 1635303786
Conc: 802.08 ng/ml



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 544258055
Conc: 798.60 ng/ml



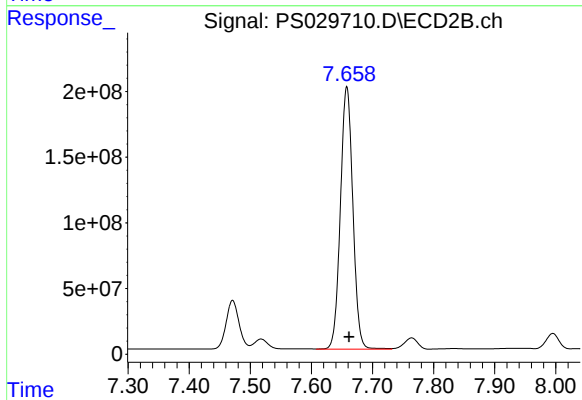
#5 DICAMBA

R.T.: 7.133 min
Delta R.T.: -0.007 min
Response: 6495800802
Conc: 780.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

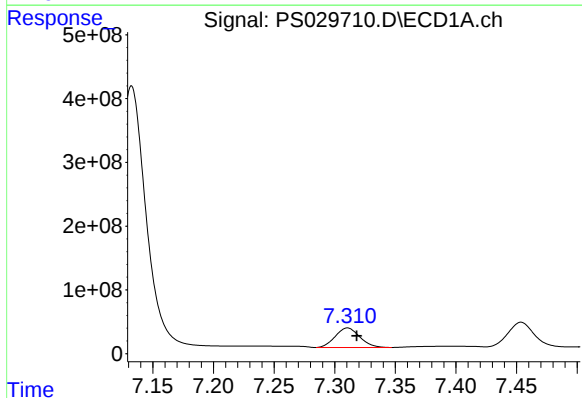
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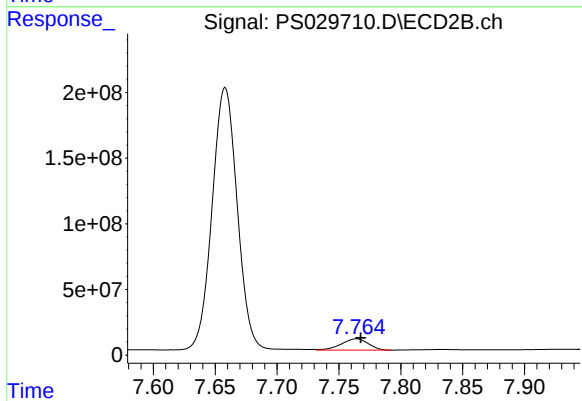
#5 DICAMBA

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 2835228706
Conc: 767.65 ng/ml



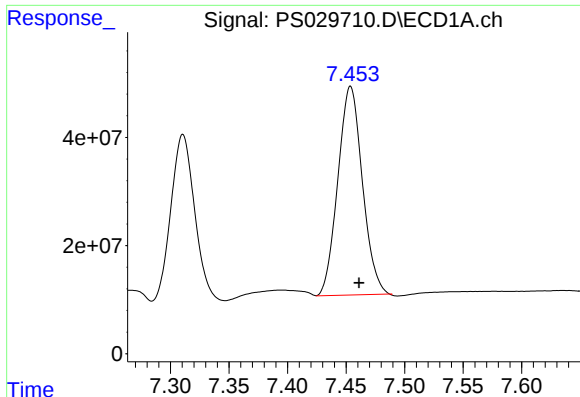
#6 MCP

R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 431971404
Conc: 79.70 ug/ml



#6 MCP

R.T.: 7.764 min
Delta R.T.: -0.003 min
Response: 131721464
Conc: 78.01 ug/ml



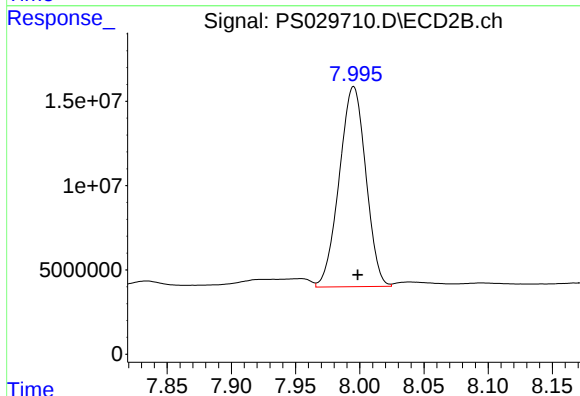
#7 MCPA

R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 562575426
Conc: 77.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

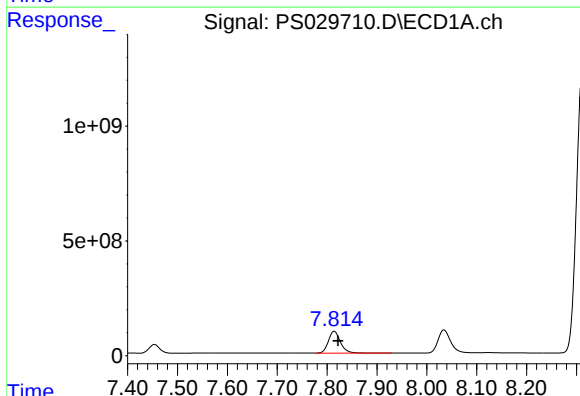
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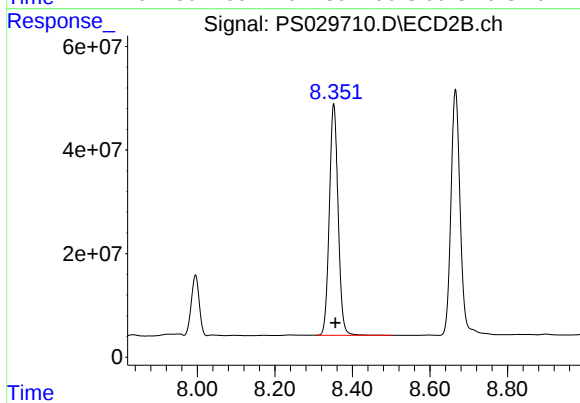
#7 MCPA

R.T.: 7.995 min
Delta R.T.: -0.003 min
Response: 170634309
Conc: 75.00 ug/ml



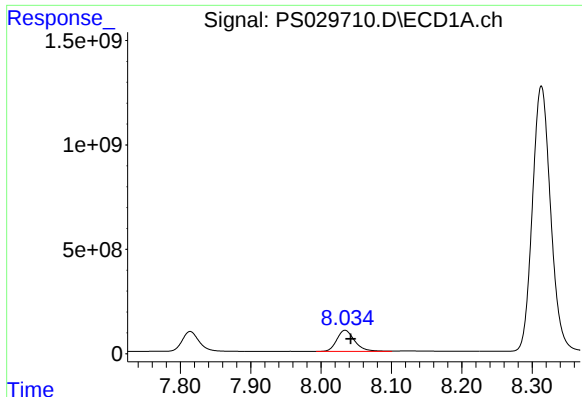
#8 DICHLORPROP

R.T.: 7.814 min
Delta R.T.: -0.008 min
Response: 1605468886
Conc: 729.95 ng/ml



#8 DICHLORPROP

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 701668358
Conc: 726.25 ng/ml



#9 2,4-D

R.T.: 8.034 min
Delta R.T.: -0.008 min
Response: 1779376231
Conc: 738.46 ng/ml

Instrument :

ECD_S

ClientSampleId :

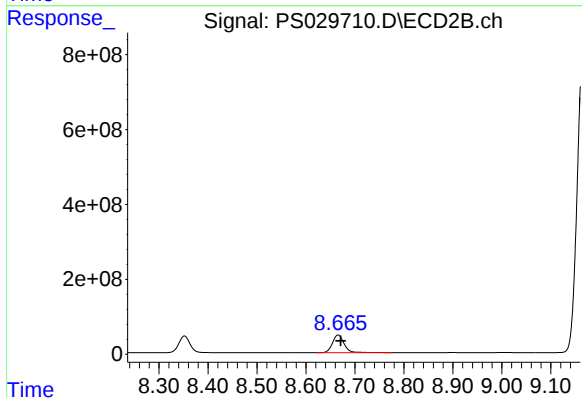
HSTDCCC750

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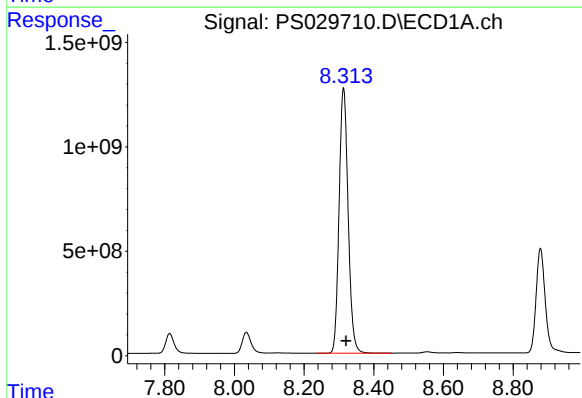
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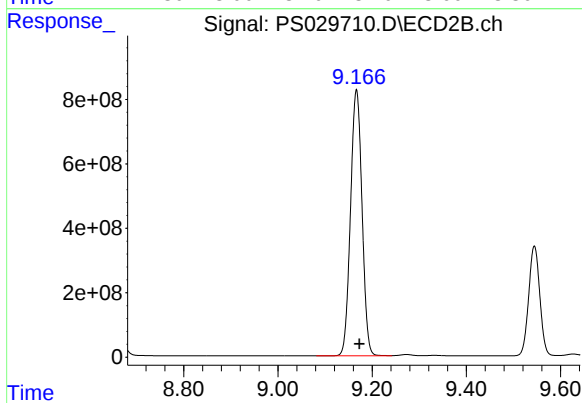
#9 2,4-D

R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 780741054
Conc: 723.94 ng/ml



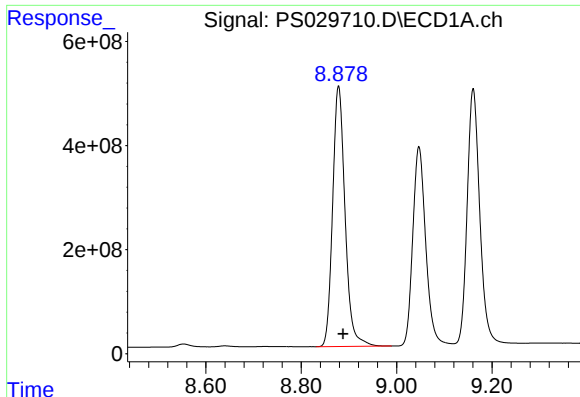
#10 Pentachlorophenol

R.T.: 8.313 min
Delta R.T.: -0.008 min
Response: 22829782238
Conc: 750.86 ng/ml



#10 Pentachlorophenol

R.T.: 9.167 min
Delta R.T.: -0.006 min
Response: 13982217592
Conc: 779.92 ng/ml



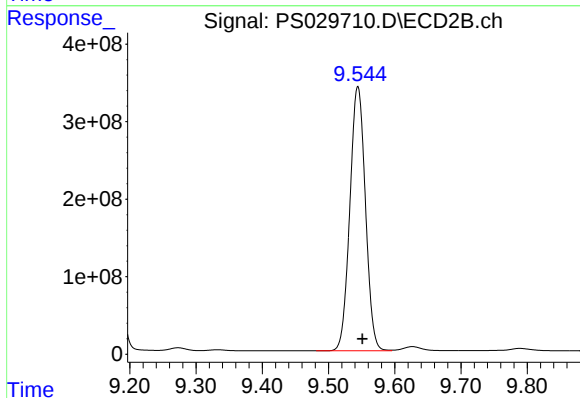
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.009 min
Response: 9049494170
Conc: 779.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

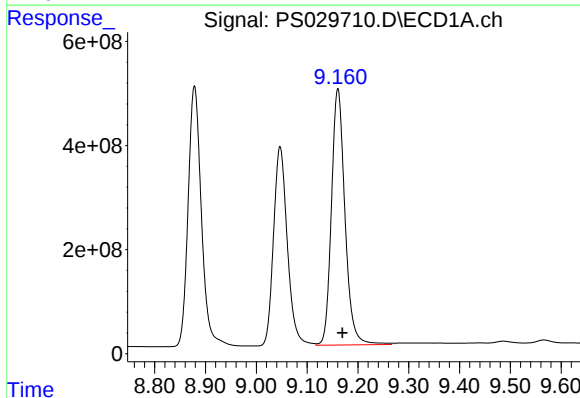
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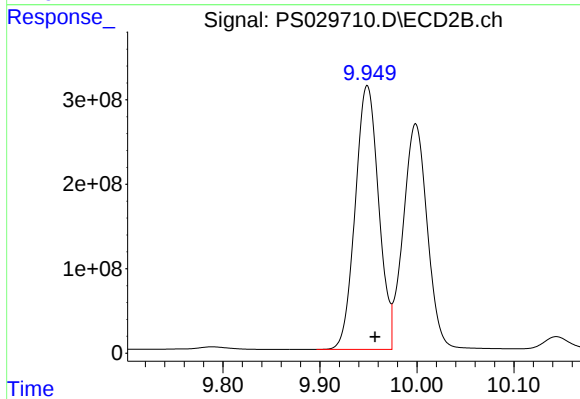
#11 2,4,5-TP (SILVEX)

R.T.: 9.544 min
Delta R.T.: -0.007 min
Response: 5566803499
Conc: 771.78 ng/ml



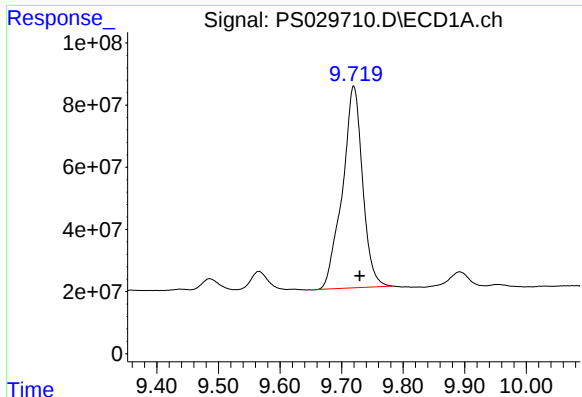
#12 2,4,5-T

R.T.: 9.161 min
Delta R.T.: -0.009 min
Response: 9103203352
Conc: 791.28 ng/ml



#12 2,4,5-T

R.T.: 9.949 min
Delta R.T.: -0.008 min
Response: 5243721562
Conc: 782.31 ng/ml



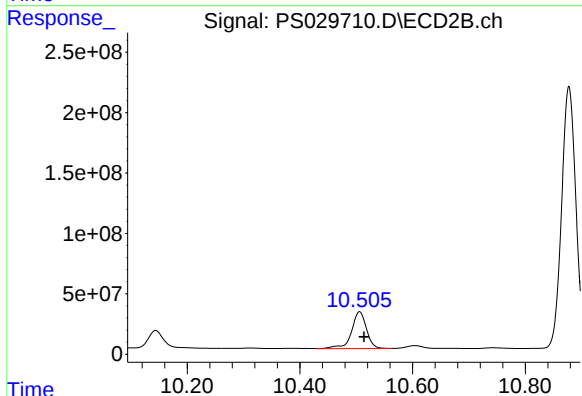
#13 2,4-DB

R.T.: 9.719 min
Delta R.T.: -0.010 min
Response: 1476299029
Conc: 812.61 ng/ml

Instrument :
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ClientSampleId :
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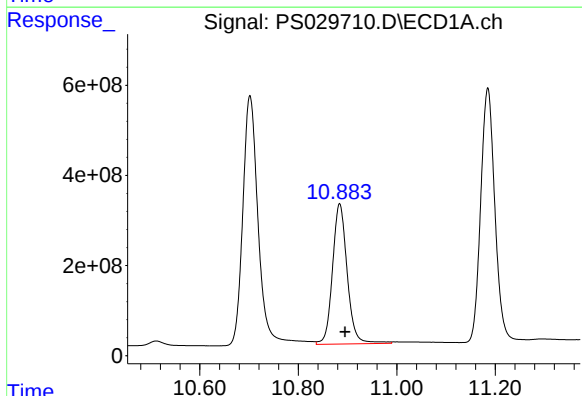
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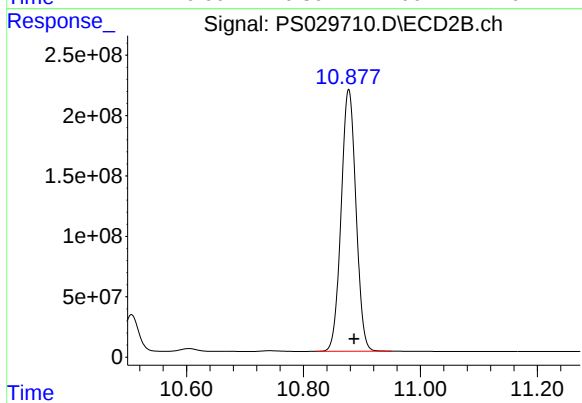
#13 2,4-DB

R.T.: 10.506 min
Delta R.T.: -0.008 min
Response: 562394217
Conc: 757.97 ng/ml



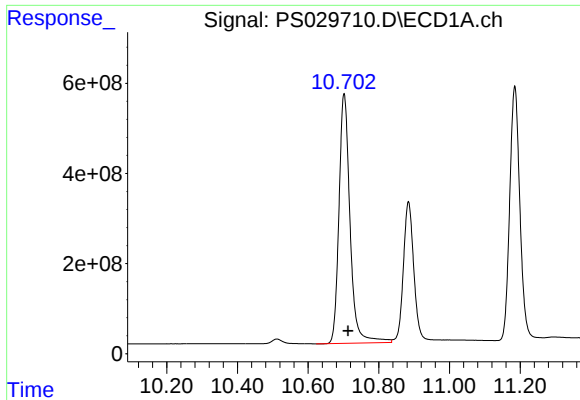
#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.011 min
Response: 6448394343
Conc: 763.84 ng/ml



#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.009 min
Response: 3812369379
Conc: 745.65 ng/ml



#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.011 min
Response: 12031841520
Conc: 776.23 ng/ml

Instrument :

ECD_S

ClientSampleId :

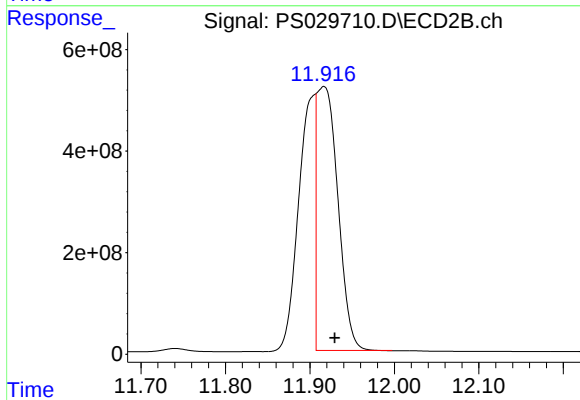
HSTDCCC750

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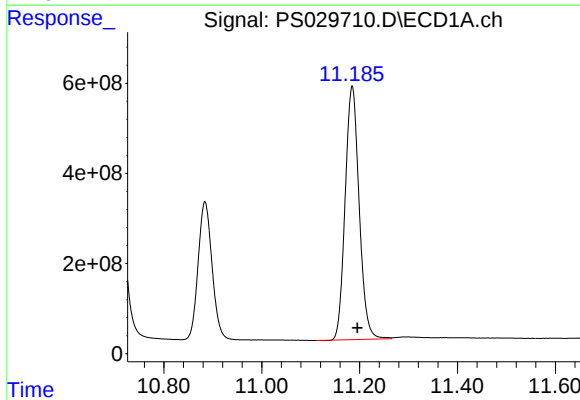
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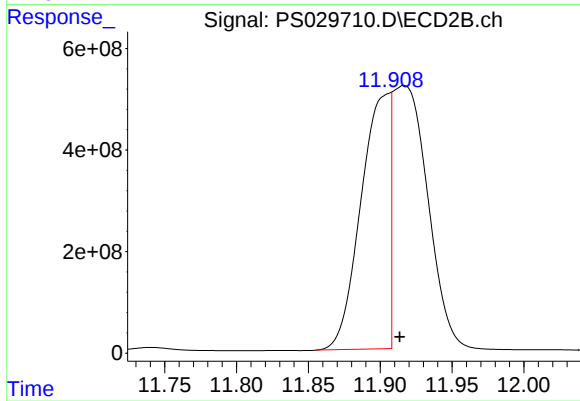
#15 Picloram

R.T.: 11.916 min
Delta R.T.: -0.014 min
Response: 8863833335
Conc: 749.62 ng/ml m



#16 DCPA

R.T.: 11.185 min
Delta R.T.: -0.011 min
Response: 11168143838
Conc: 799.66 ng/ml



#16 DCPA

R.T.: 11.908 min
Delta R.T.: -0.006 min
Response: 7131145686
Conc: 805.72 ng/ml m