

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040825\
 Data File : PS029731.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 18:14
 Operator : AR\AJ
 Sample : Q1712-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 Z-05AMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:49:17 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	6.951	7.470	745.6E6	224.2E6	365.700m	328.935
Target Compounds						
1) T Dalapon	2.458	2.530	1523.7E6	808.1E6	449.158	509.024
2) T 3,5-DICHL...	6.157	6.465	803.5E6	218.5E6	267.141	226.243
5) T DICAMBA	7.130	7.657	2396.6E6	1119.1E6	287.987m	303.007
6) T MCPP	7.307	7.759	87707260	35876554	16.183	21.248 #
7) T MCPA	7.450	7.989	242.8E6	55080602	33.400m	24.208 #
8) T DICHLORPROP	7.811	8.350	521.4E6	313.0E6	237.042	323.980 #
9) T 2,4-D	8.032	8.664	895.4E6	331.8E6	371.617	307.666
10) T Pentachlo...	8.311	9.165	4429.7E6	2702.0E6	145.688	150.714
11) T 2,4,5-TP ...	8.877	9.543	2475.0E6	2480.8E6	213.078	343.937 #
12) T 2,4,5-T	9.158	9.947	2858.2E6	1610.3E6	248.440	240.239
13) T 2,4-DB	9.727	10.504	288.5E6	121.3E6	158.780m	163.483
15) T Picloram	10.701	11.914	4038.6E6	1904.2E6	260.546	161.040m#
16) T DCPA	11.183	11.900	4453.4E6	3664.4E6	318.874m	414.029m#

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2025 18:14
Operator : AR\AJ
Sample : Q1712-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

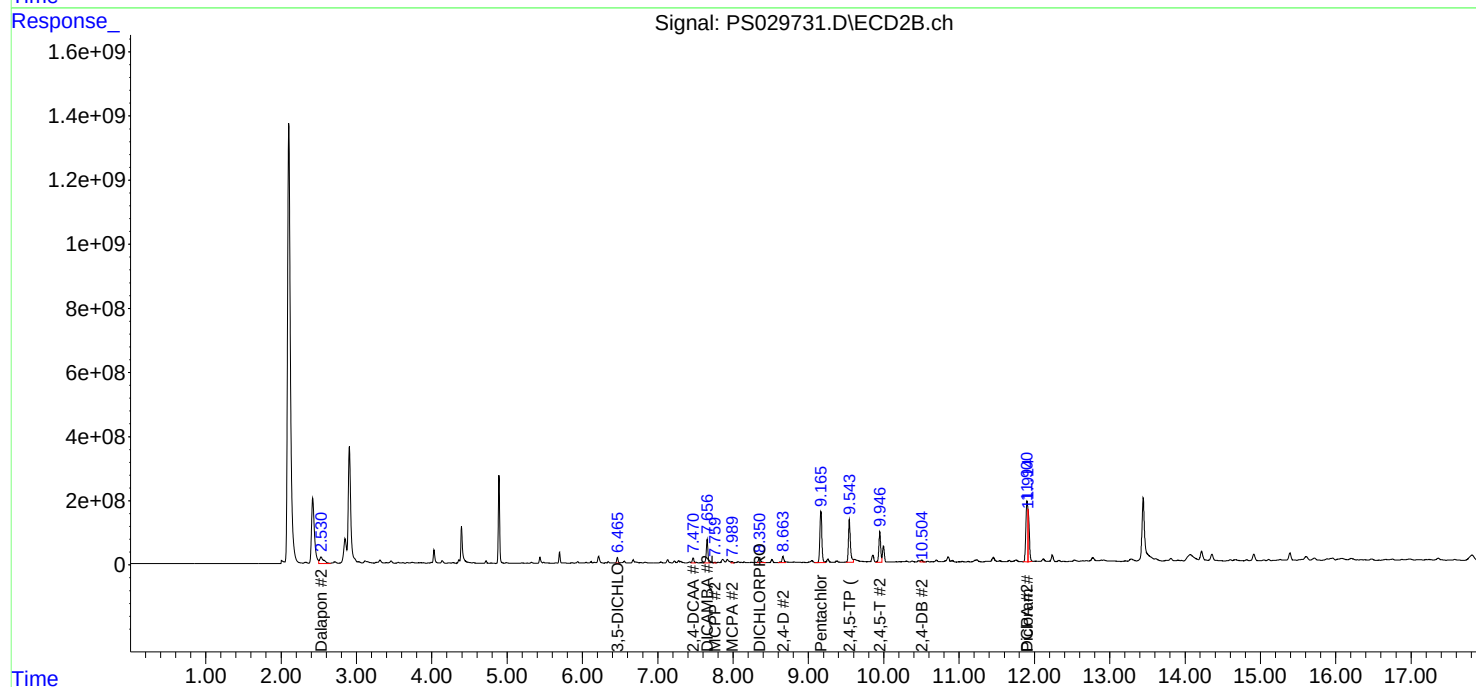
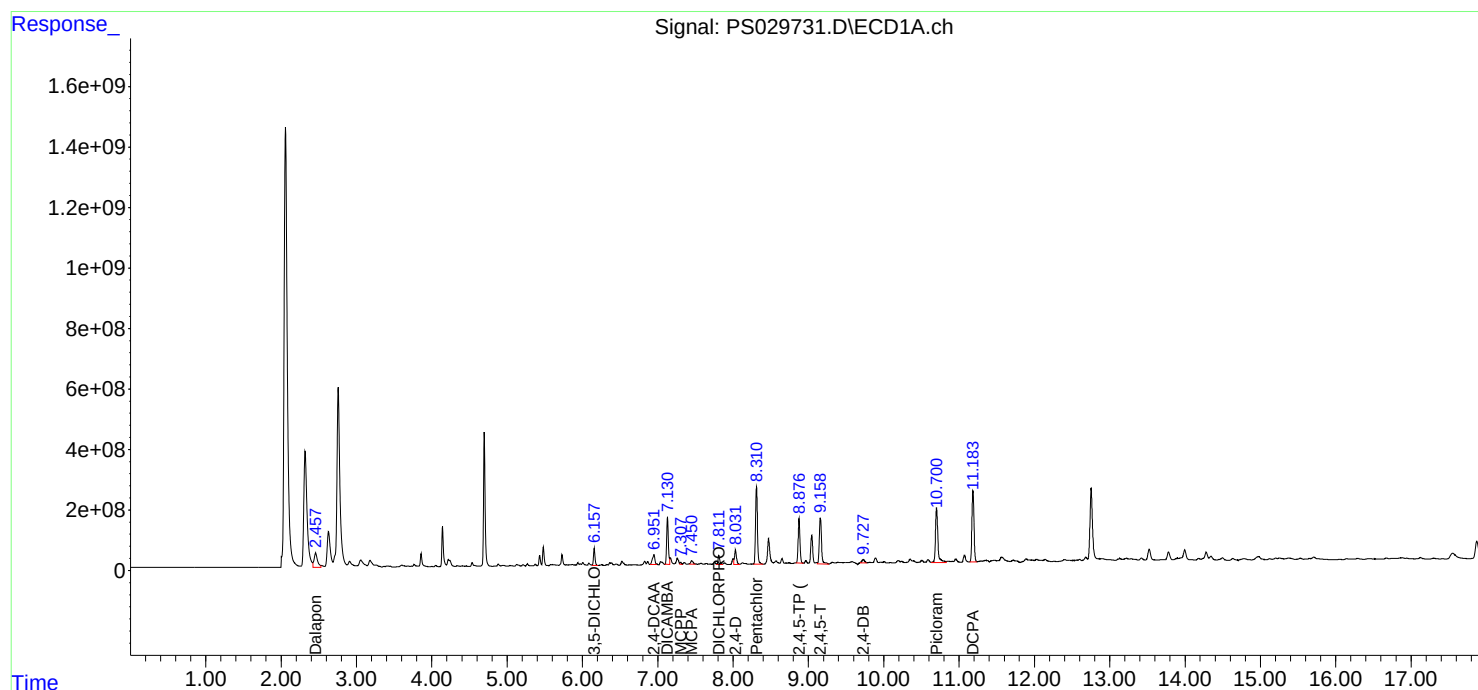
Instrument :
ECD_S
ClientSampleId :
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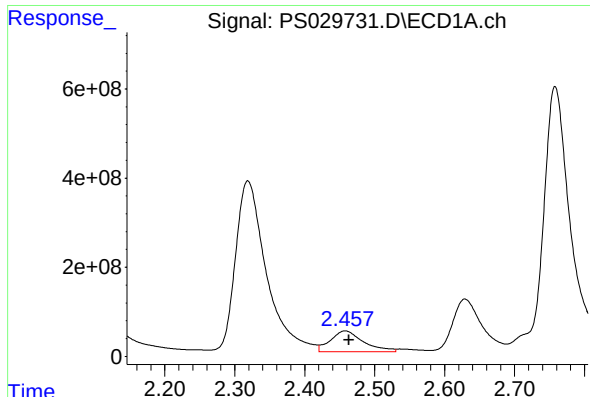
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.458 min
Delta R.T.: -0.005 min
Response: 1523720624
Conc: 449.16 ng/ml

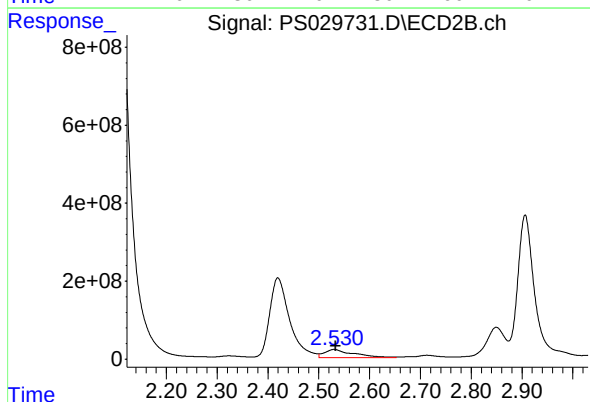
Instrument :

ECD_S

ClientSampleId :
Z-05AMS

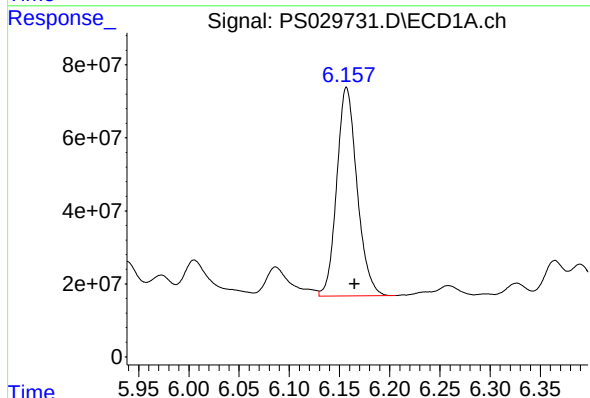
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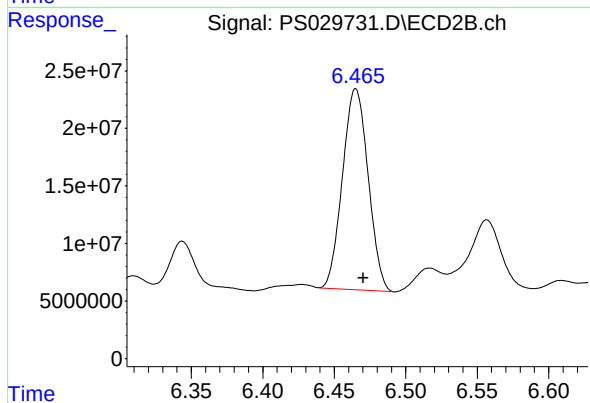
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 808123729
Conc: 509.02 ng/ml



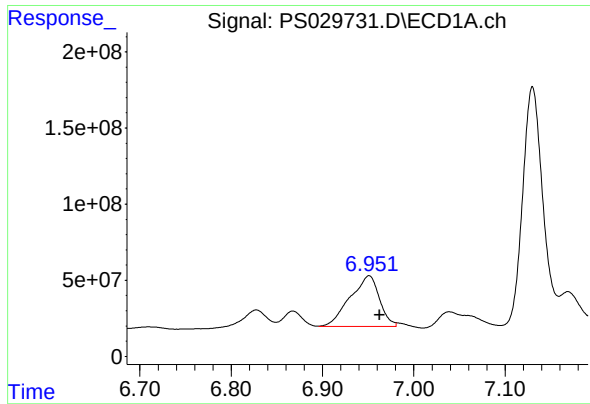
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 803494460
Conc: 267.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.005 min
Response: 218450221
Conc: 226.24 ng/ml



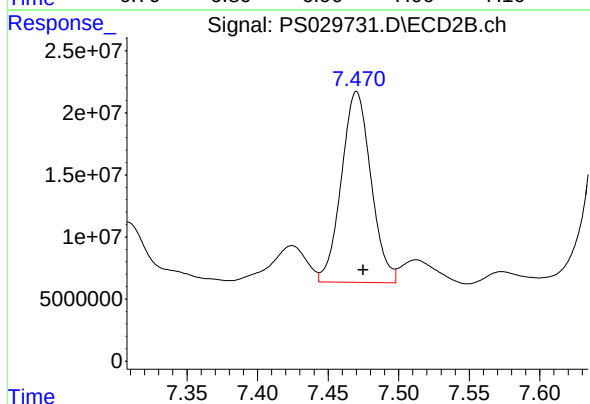
#4 2,4-DCAA

R.T.: 6.951 min
Delta R.T.: -0.012 min
Response: 745601082
Conc: 365.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMS

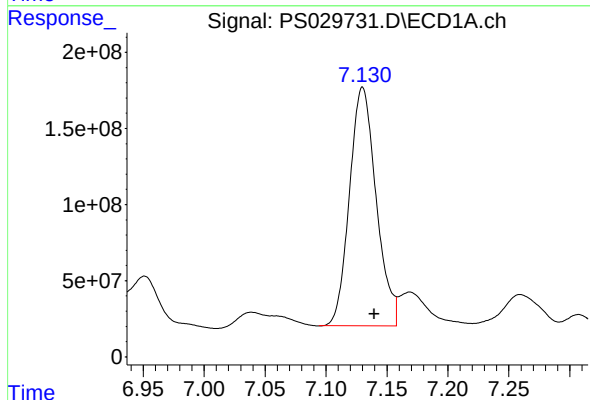
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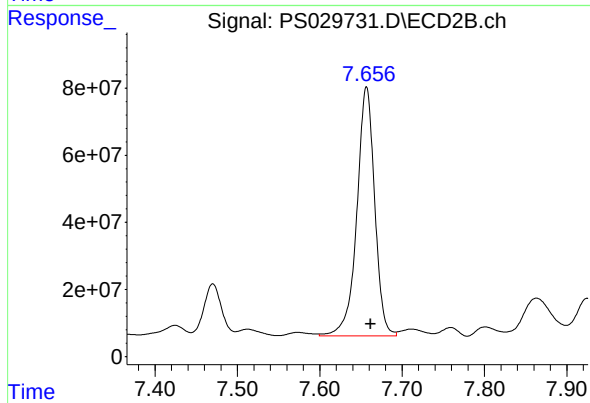
#4 2,4-DCAA

R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 224173478
Conc: 328.94 ng/ml



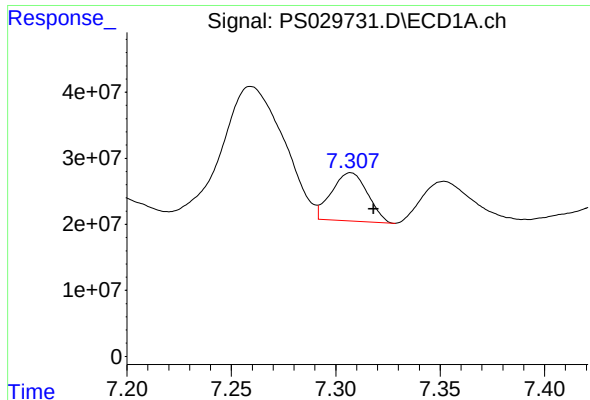
#5 DICAMBA

R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 2396608902
Conc: 287.99 ng/ml m



#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 1119117751
Conc: 303.01 ng/ml



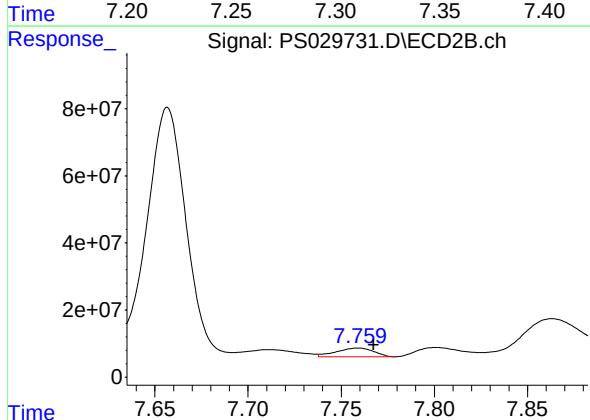
#6 MCPP

R.T.: 7.307 min
Delta R.T.: -0.011 min
Response: 87707260
Conc: 16.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMS

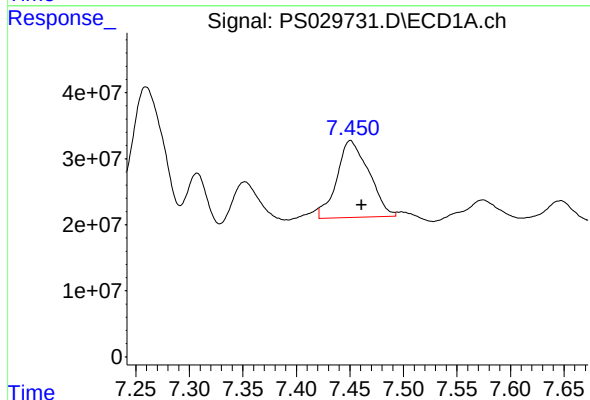
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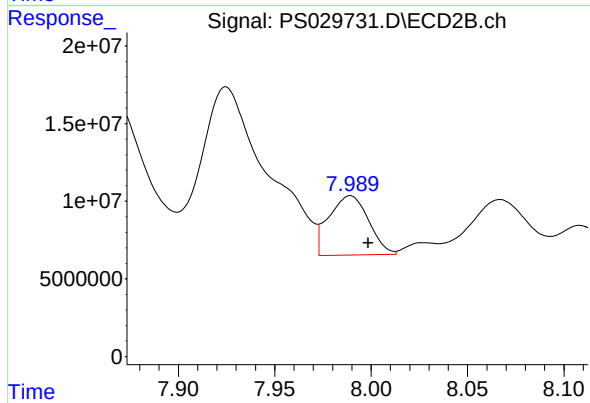
#6 MCPP

R.T.: 7.759 min
Delta R.T.: -0.009 min
Response: 35876554
Conc: 21.25 ug/ml



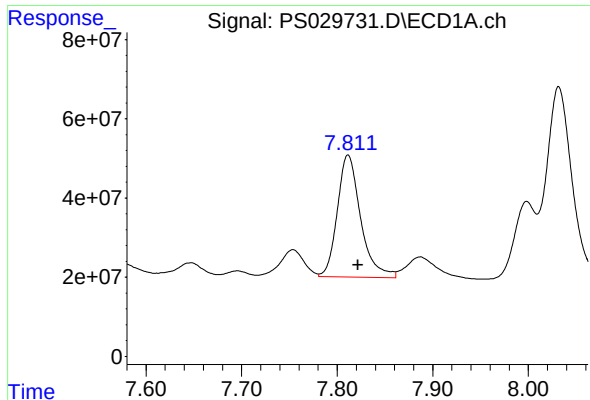
#7 MCPA

R.T.: 7.450 min
Delta R.T.: -0.011 min
Response: 242782092
Conc: 33.40 ug/ml m



#7 MCPA

R.T.: 7.989 min
Delta R.T.: -0.009 min
Response: 55080602
Conc: 24.21 ug/ml



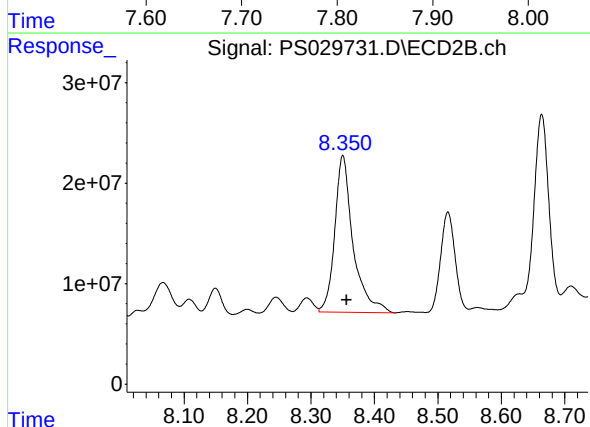
#8 DICHLORPROP

R.T.: 7.811 min
Delta R.T.: -0.010 min
Response: 521358203
Conc: 237.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMS

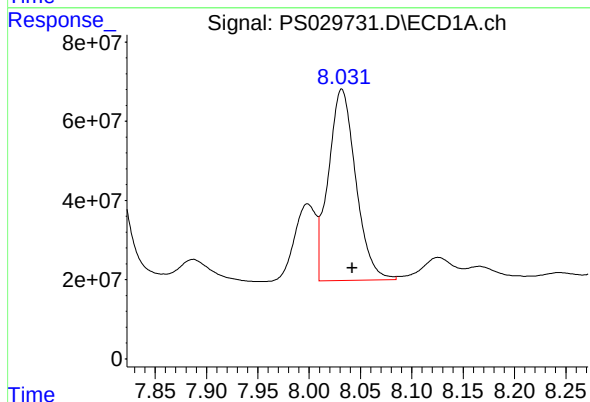
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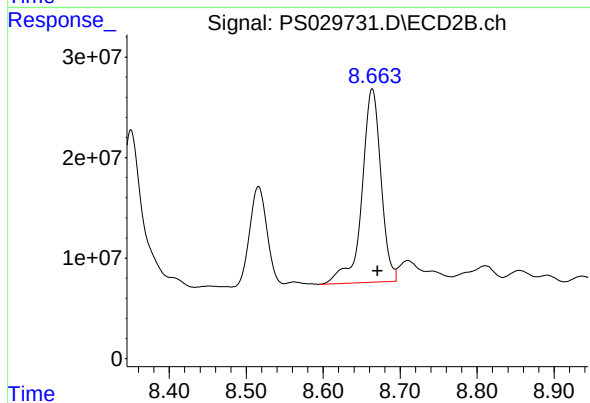
#8 DICHLORPROP

R.T.: 8.350 min
Delta R.T.: -0.006 min
Response: 313014203
Conc: 323.98 ng/ml



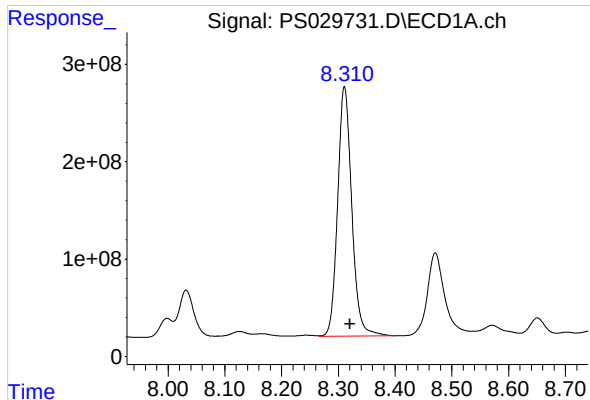
#9 2,4-D

R.T.: 8.032 min
Delta R.T.: -0.010 min
Response: 895445426
Conc: 371.62 ng/ml



#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 331806380
Conc: 307.67 ng/ml



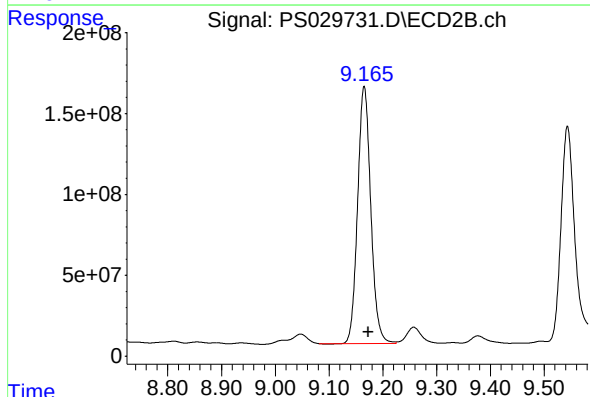
#10 Pentachlorophenol

R.T.: 8.311 min
Delta R.T.: -0.010 min
Response: 4429653690
Conc: 145.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMS

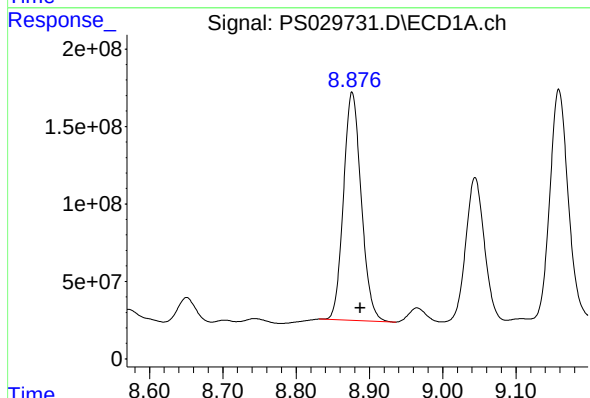
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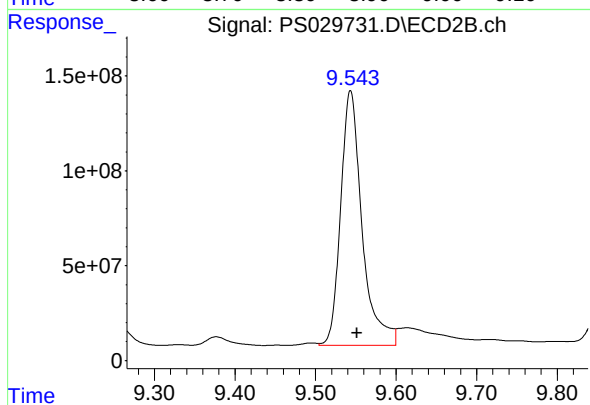
#10 Pentachlorophenol

R.T.: 9.165 min
Delta R.T.: -0.008 min
Response: 2701951332
Conc: 150.71 ng/ml



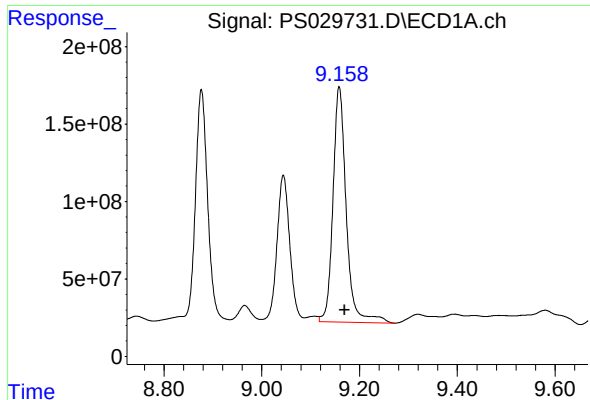
#11 2,4,5-TP (SILVEX)

R.T.: 8.877 min
Delta R.T.: -0.011 min
Response: 2474980469
Conc: 213.08 ng/ml



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

R.T.: 9.543 min
Delta R.T.: -0.008 min
Response: 2480802502
Conc: 343.94 ng/ml



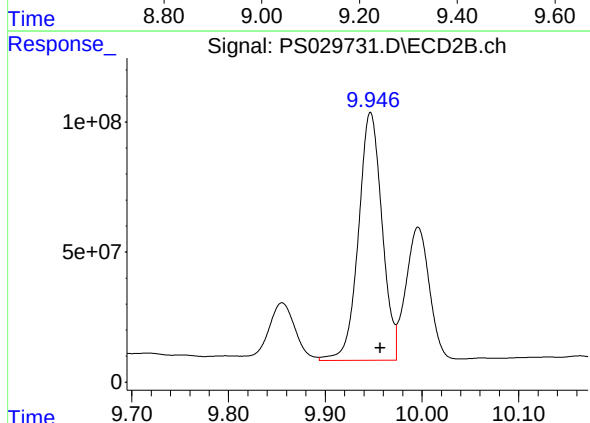
#12 2,4,5-T

R.T.: 9.158 min
Delta R.T.: -0.011 min
Response: 2858154881
Conc: 248.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMS

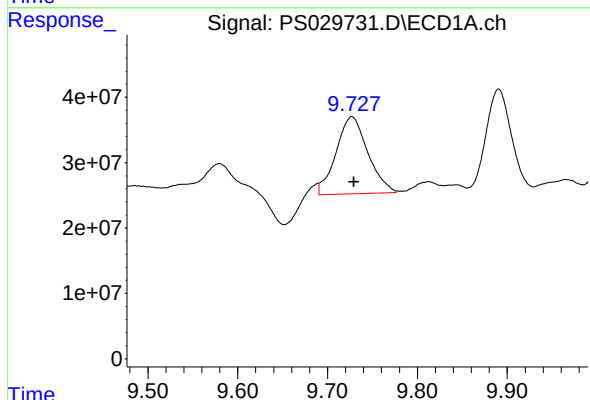
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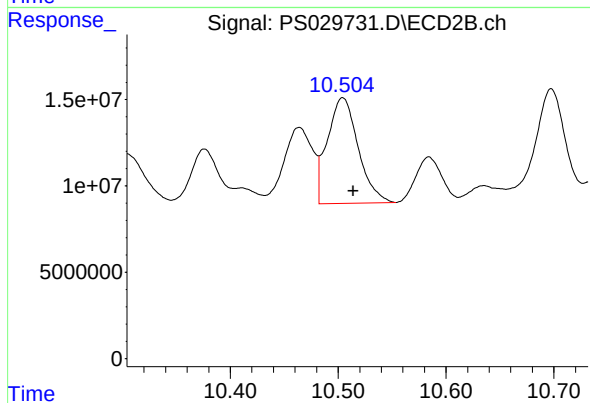
#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: -0.010 min
Response: 1610286440
Conc: 240.24 ng/ml



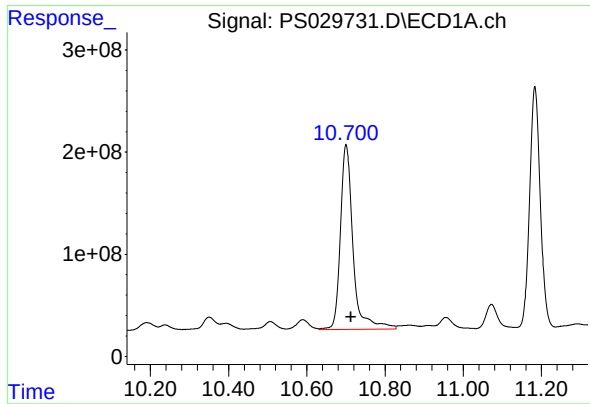
#13 2,4-DB

R.T.: 9.727 min
Delta R.T.: -0.003 min
Response: 288462219
Conc: 158.78 ng/ml m



#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 121300570
Conc: 163.48 ng/ml



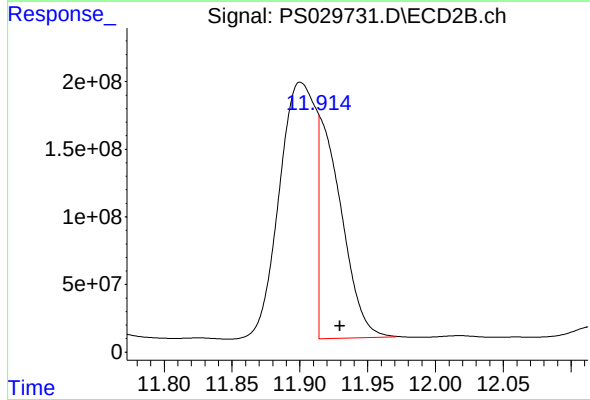
#15 Picloram

R.T.: 10.701 min
Delta R.T.: -0.013 min
Response: 4038559570
Conc: 260.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMS

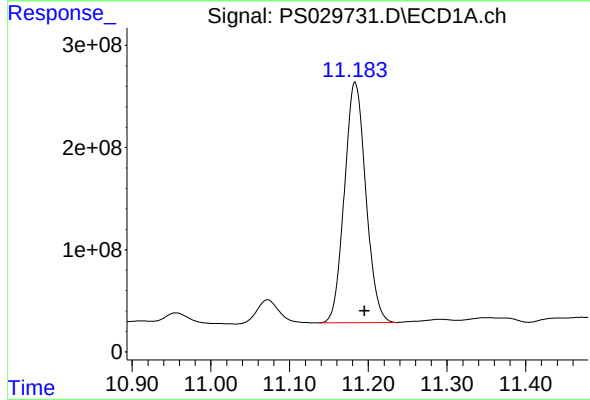
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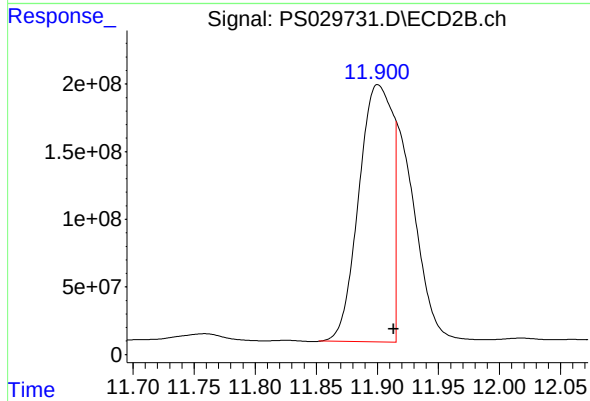
#15 Picloram

R.T.: 11.914 min
Delta R.T.: -0.016 min
Response: 1904207642
Conc: 161.04 ng/ml



#16 DCPA

R.T.: 11.183 min
Delta R.T.: -0.013 min
Response: 4453435234
Conc: 318.87 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.014 min
Response: 3664433022
Conc: 414.03 ng/ml