

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 12:35
 Operator : AR\AJ
 Sample : Q1917-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-JJMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2025
 Supervised By : mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 13:26:59 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 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	6.937	7.461	1654.5E6	477.0E6	672.254	677.121
Target Compounds							
1) T	Dalapon	2.448	2.523	1993.0E6	969.7E6	486.660	558.509
2) T	3,5-DICHL...	6.143	6.459	2253.3E6	598.2E6	630.516	611.938
3) T	4-Nitroph...	6.728	6.996	974.0E6	461.2E6	546.151	602.171
5) T	DICAMBA	7.114	7.647	5555.6E6	2417.7E6	561.011	612.070
6) T	MCPD	7.293	7.755	347.7E6	88545989	53.959	50.628
7) T	MCPA	7.435	7.984	469.8E6	135.2E6	53.193	57.129
8) T	DICHLORPROP	7.795	8.341	1560.2E6	676.9E6	615.664	674.274
9) T	2,4-D	8.014	8.654	2054.8E6	781.7E6	730.508	693.557
10) T	Pentachlo...	8.293	9.154	20912.3E6	12614.4E6	599.465	620.032
11) T	2,4,5-TP ...	8.856	9.533	8287.5E6	5489.7E6	597.824	670.966
12) T	2,4,5-T	9.138	9.937	8359.5E6	4838.0E6	594.850	623.245
13) T	2,4-DB	9.698	10.495	1306.6E6	549.2E6	571.748	682.401
14) T	DINOSEB	10.860	10.868	1451.9E6	712.3E6	142.718	122.155
15) T	Picloram	10.678	11.905	8596.1E6	5668.3E6	468.949	461.454m
16) T	DCPA	11.161	11.898	9779.4E6	7681.0E6	574.551	681.442m

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

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Acq On : 05 May 2025 12:35
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Sample : Q1917-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

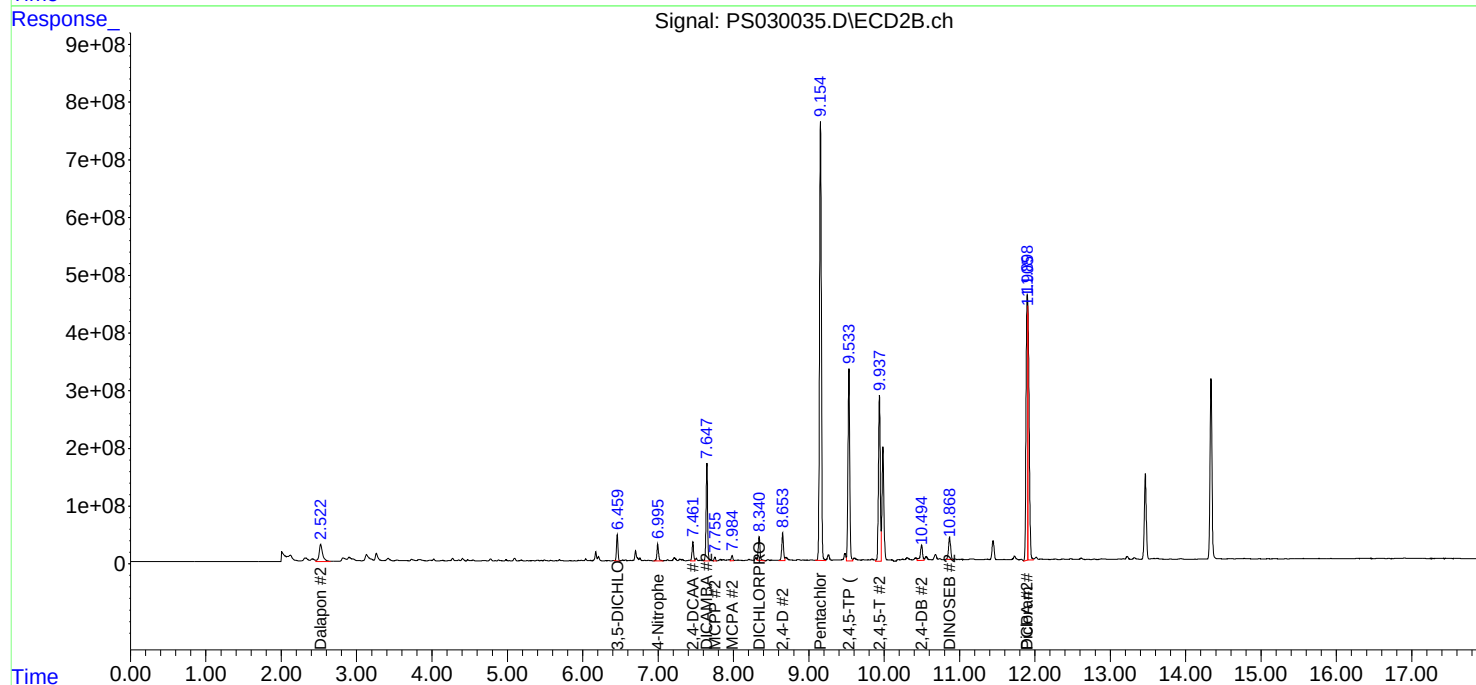
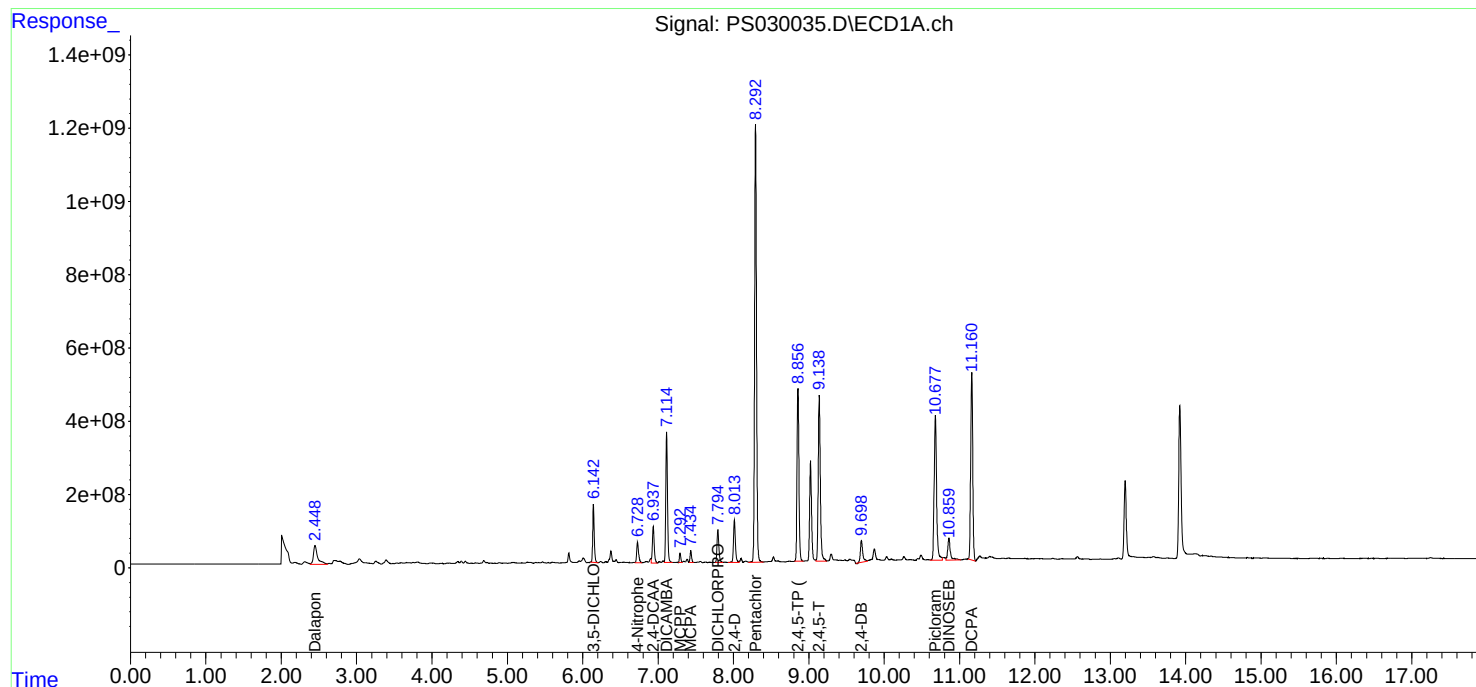
Instrument :
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ClientSampleId :
MH-JJMSD

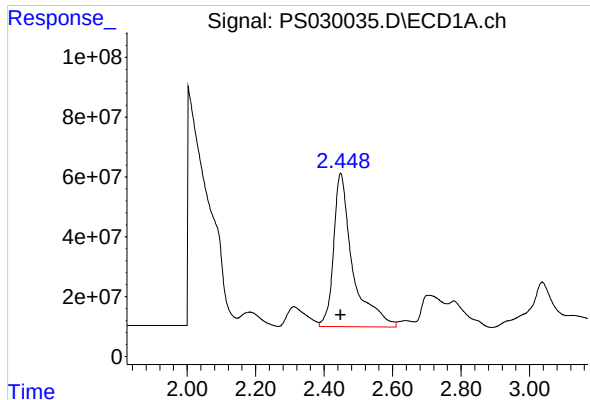
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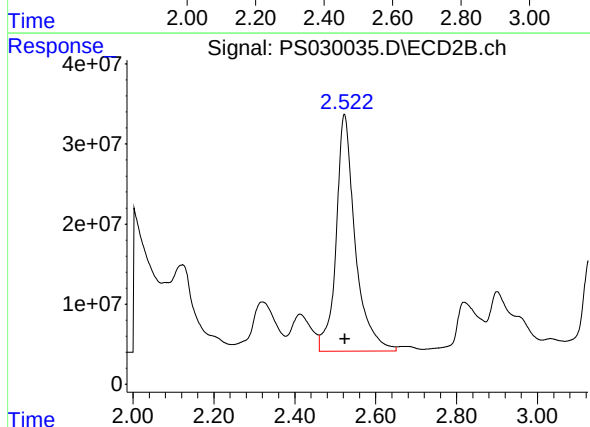
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 1993000796
Conc: 486.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

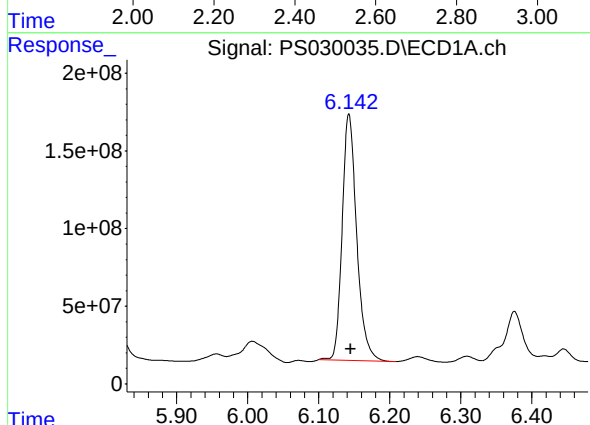
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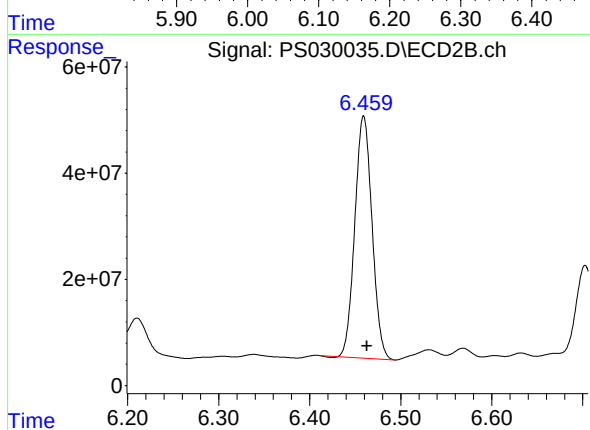
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 969651282
Conc: 558.51 ng/ml



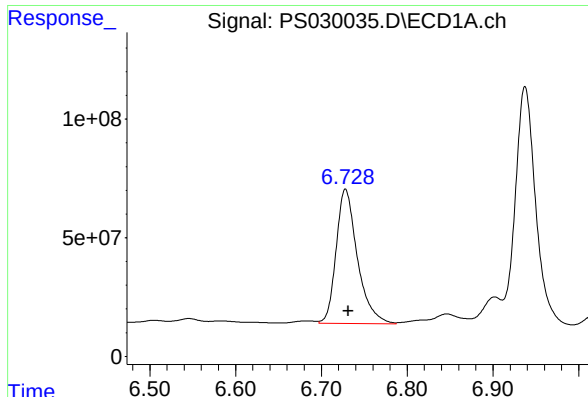
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 2253331334
Conc: 630.52 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 598217587
Conc: 611.94 ng/ml



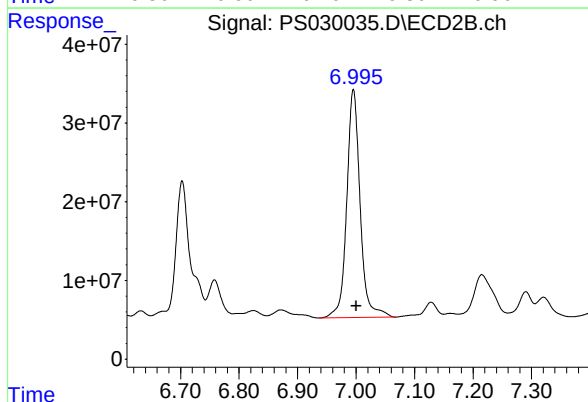
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 973962178
Conc: 546.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

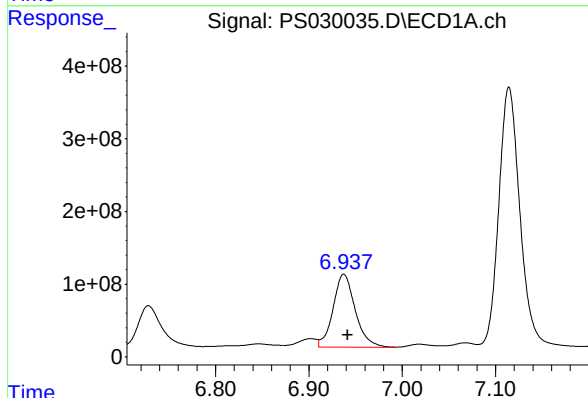
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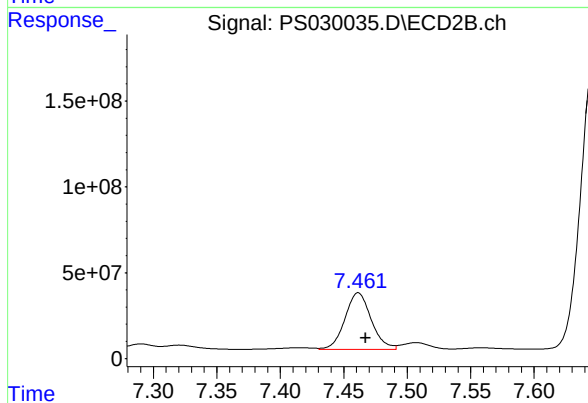
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 461215294
Conc: 602.17 ng/ml



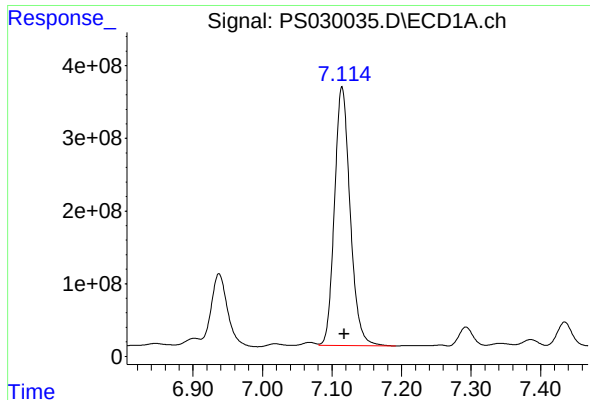
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1654470667
Conc: 672.25 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 477043068
Conc: 677.12 ng/ml



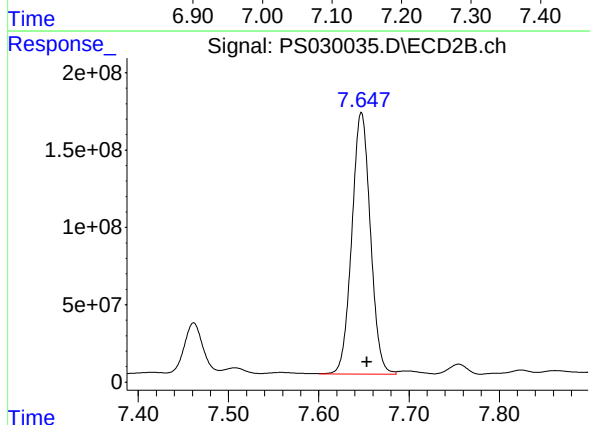
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 5555615034
Conc: 561.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

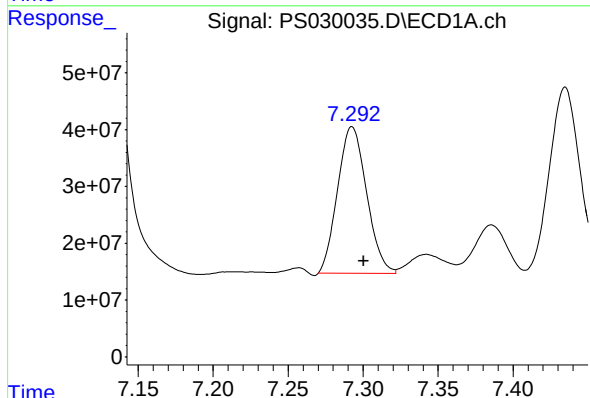
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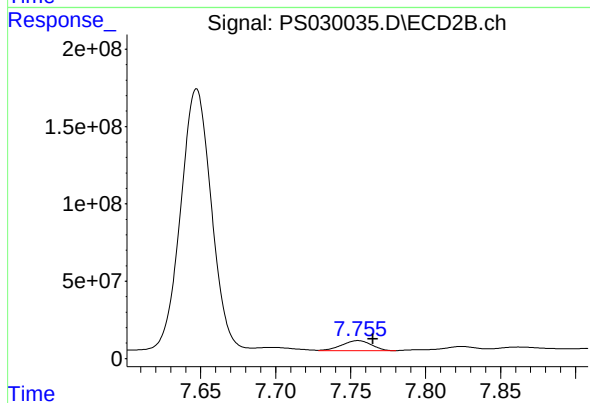
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.006 min
Response: 2417716591
Conc: 612.07 ng/ml



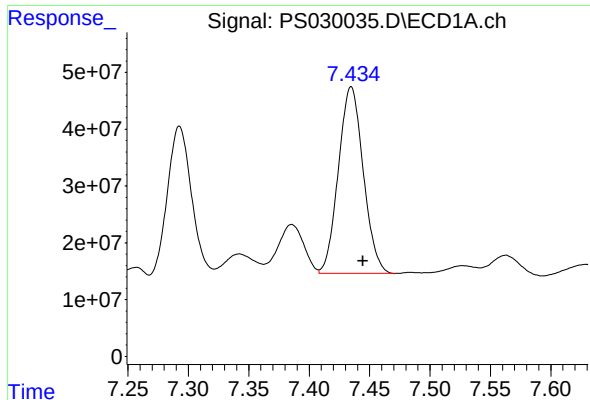
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.008 min
Response: 347695142
Conc: 53.96 ug/ml



#6 MCPP

R.T.: 7.755 min
Delta R.T.: -0.010 min
Response: 88545989
Conc: 50.63 ug/ml



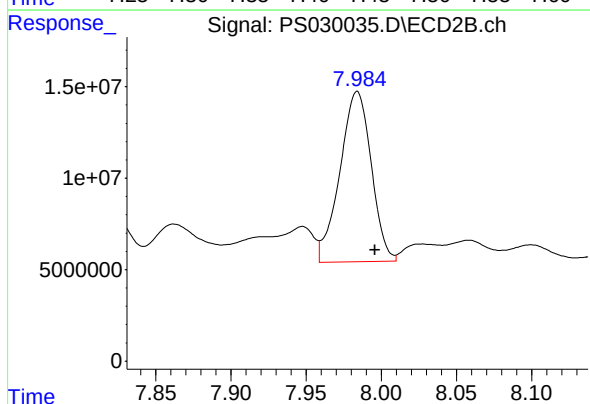
#7 MCPA

R.T.: 7.435 min
Delta R.T.: -0.010 min
Response: 469766720
Conc: 53.19 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

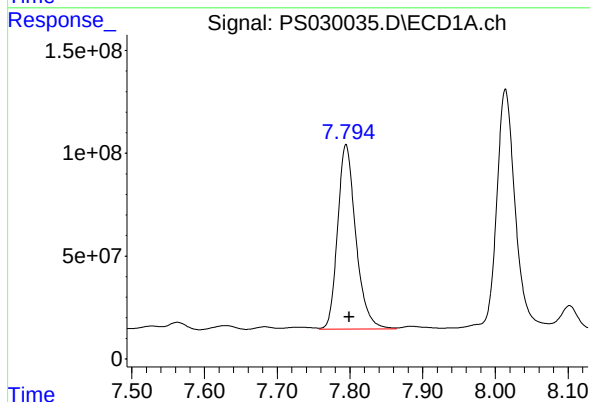
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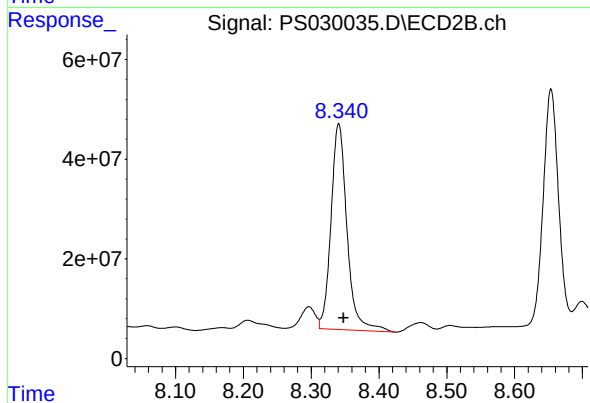
#7 MCPA

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 135154918
Conc: 57.13 ug/ml



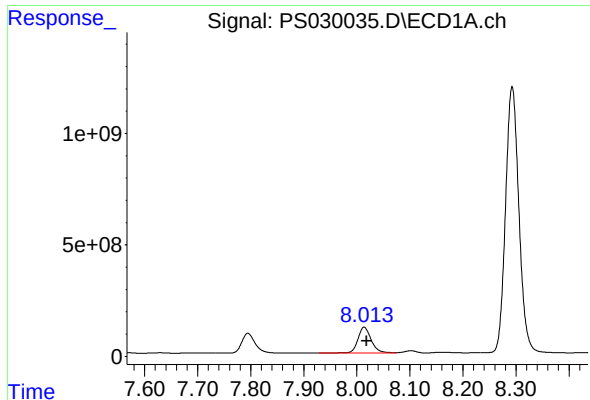
#8 DICHLORPROP

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 1560159545
Conc: 615.66 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 676947356
Conc: 674.27 ng/ml



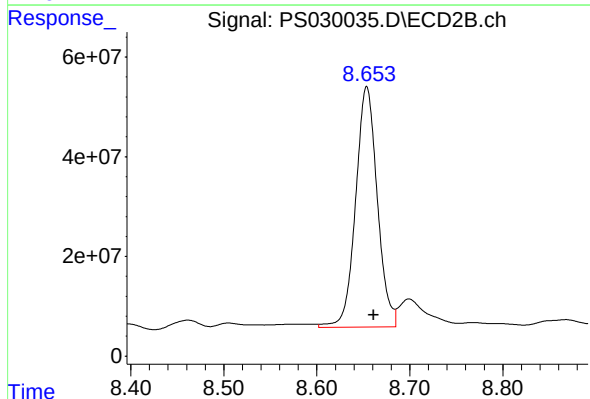
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 2054825300
Conc: 730.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

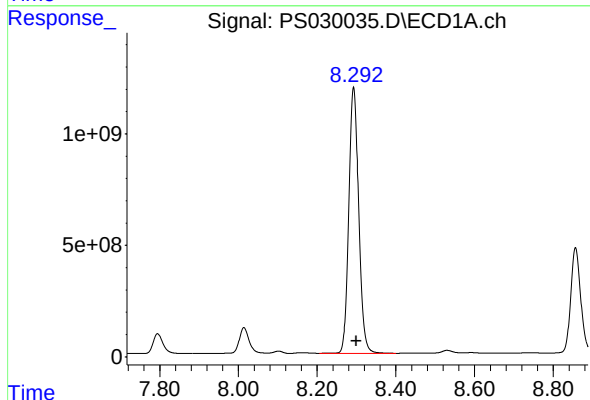
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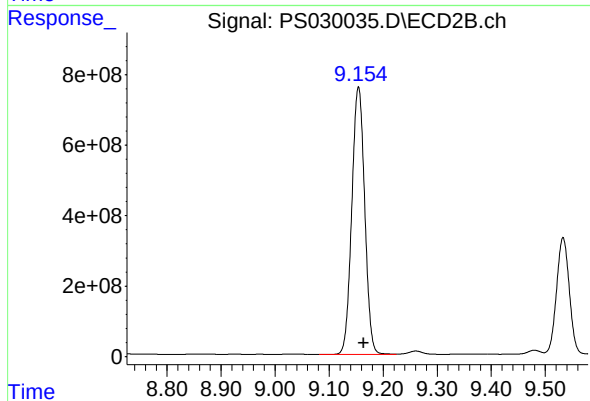
#9 2,4-D

R.T.: 8.654 min
Delta R.T.: -0.007 min
Response: 781712593
Conc: 693.56 ng/ml



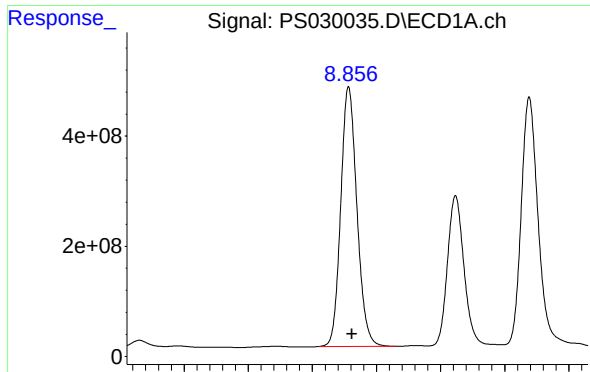
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 20912349214
Conc: 599.47 ng/ml



#10 Pentachlorophenol

R.T.: 9.154 min
Delta R.T.: -0.009 min
Response: 12614430197
Conc: 620.03 ng/ml



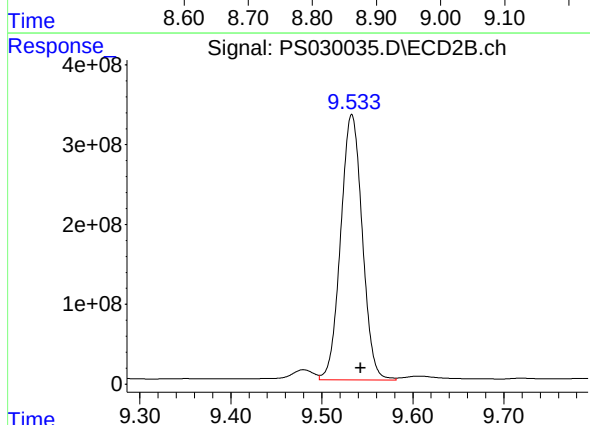
#11 2,4,5-TP (SILVEX)

R.T.: 8.856 min
Delta R.T.: -0.006 min
Response: 8287543656
Conc: 597.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

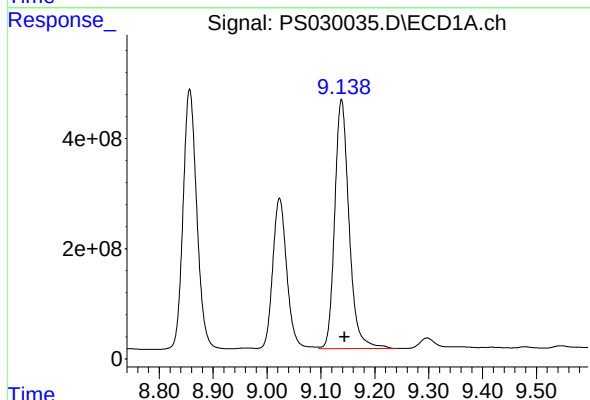
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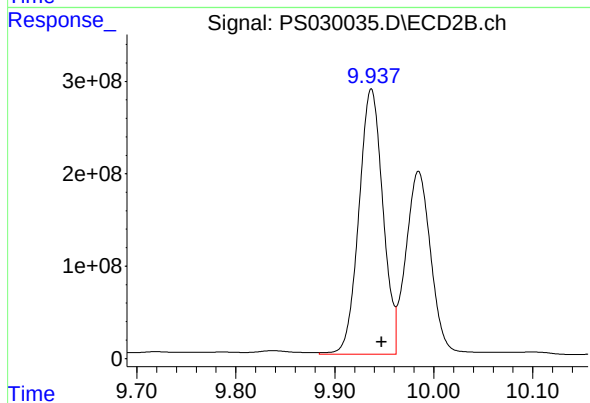
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.010 min
Response: 5489674375
Conc: 670.97 ng/ml



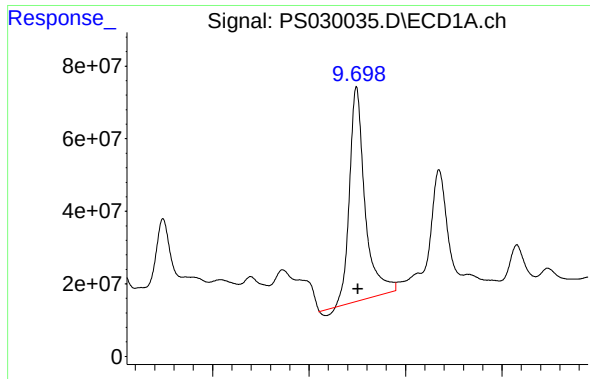
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 8359490354
Conc: 594.85 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.010 min
Response: 4838002013
Conc: 623.25 ng/ml



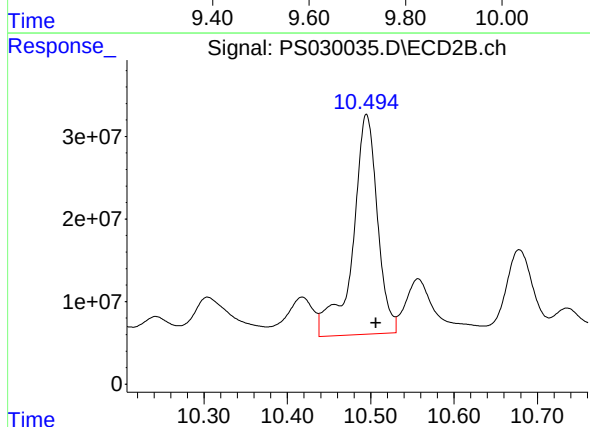
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1306647824
Conc: 571.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-JJMSD

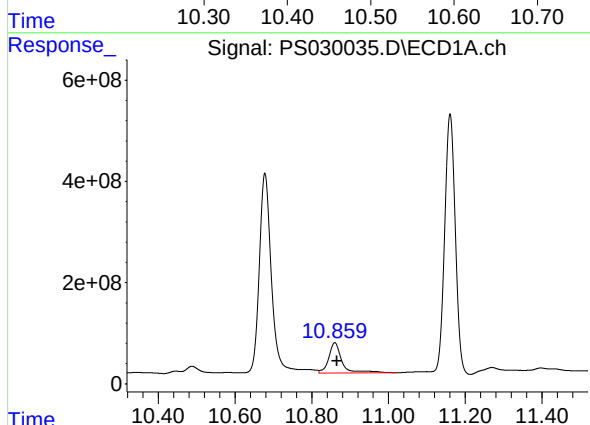
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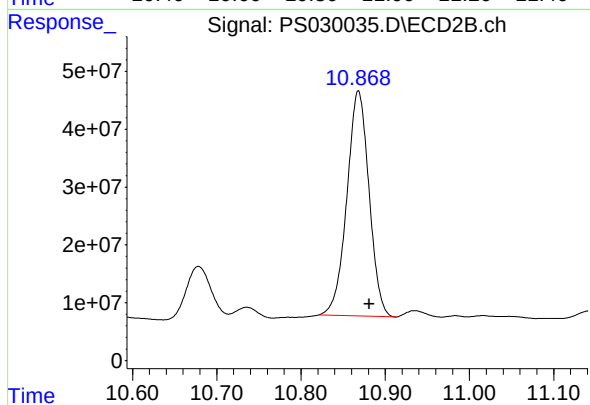
#13 2,4-DB

R.T.: 10.495 min
Delta R.T.: -0.011 min
Response: 549225525
Conc: 682.40 ng/ml



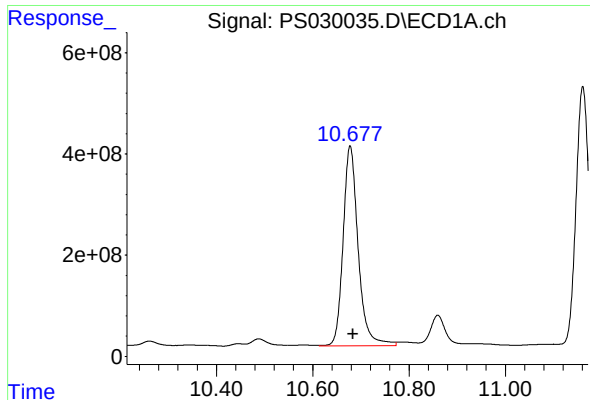
#14 DINOSEB

R.T.: 10.860 min
Delta R.T.: -0.006 min
Response: 1451928831
Conc: 142.72 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 712284004
Conc: 122.16 ng/ml



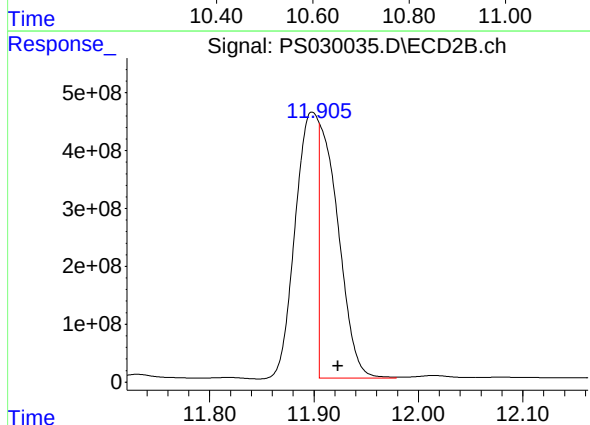
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.006 min
Response: 8596124852
Conc: 468.95 ng/ml

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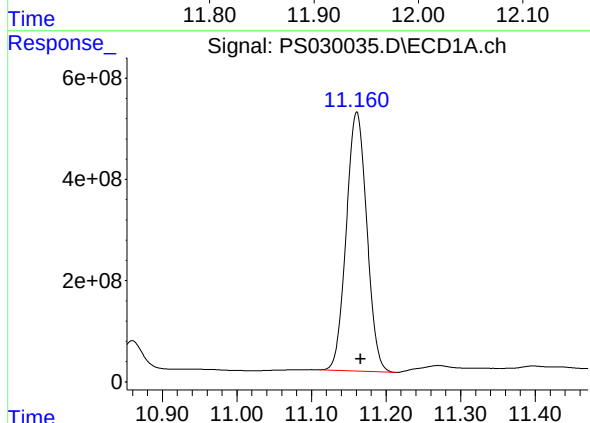
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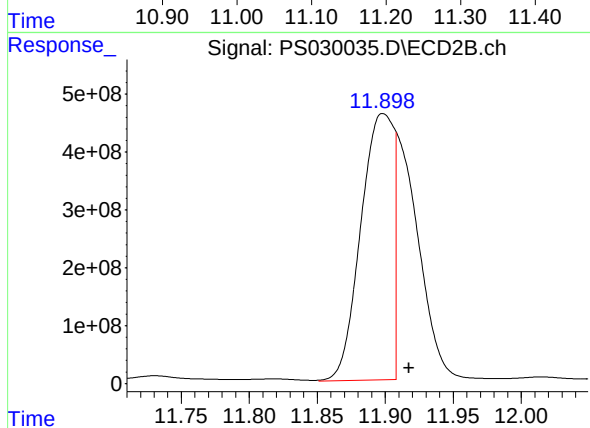
#15 Picloram

R.T.: 11.905 min
Delta R.T.: -0.018 min
Response: 5668341401
Conc: 461.45 ng/ml m



#16 DCPA

R.T.: 11.161 min
Delta R.T.: -0.005 min
Response: 9779431950
Conc: 574.55 ng/ml



#16 DCPA

R.T.: 11.898 min
Delta R.T.: -0.020 min
Response: 7680975561
Conc: 681.44 ng/ml m