

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
 Data File : PS032155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 15:50
 Operator : AR\AJ
 Sample : Q3412-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-6MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2025
 Supervised By : mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:22:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.278	7.740	782.3E6	219.7E6	164.106m	199.691
Target Compounds							
1) T	Dalapon	2.609f	2.678	771.4E6	896.7E6	99.825m	238.601m#
2) T	3,5-DICHL...	6.450	6.698	444.4E6	114.6E6	63.129	54.940
3) T	4-Nitroph...	7.053f	7.303	71190620	62025966	53.339m	40.876
5) T	DICAMBA	7.462	7.934	1549.8E6	783.0E6	74.003	90.401m
6) T	MCPD	7.636	8.026	20012546	2777418	1.637m	1.119m#
7) T	MCPA	7.784	8.278	100.3E6	10355812	6.818	2.745 #
8) T	DICHLORPROP	8.173	8.656	326.8E6	94372356	68.739	48.192 #
9) T	2,4-D	8.385	9.005	2618.8E6	131.9E6	539.301m	63.468m#
10) T	Pentachlo...	8.699	9.504	3450.4E6	2165.3E6	51.407	41.782m
11) T	2,4,5-TP ...	9.281	9.880	1372.2E6	2403.5E6	48.586	119.727 #
12) T	2,4,5-T	9.580	10.326	1445.2E6	1183.3E6	57.251	69.016
15) T	Picloram	11.187	12.388	2857.7E6	3311.9E6	121.202	99.479
16) T	DCPA	11.640	12.301	3736.2E6	4115.6E6	101.692	123.920m

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

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Operator : AR\AJ
Sample : Q3412-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

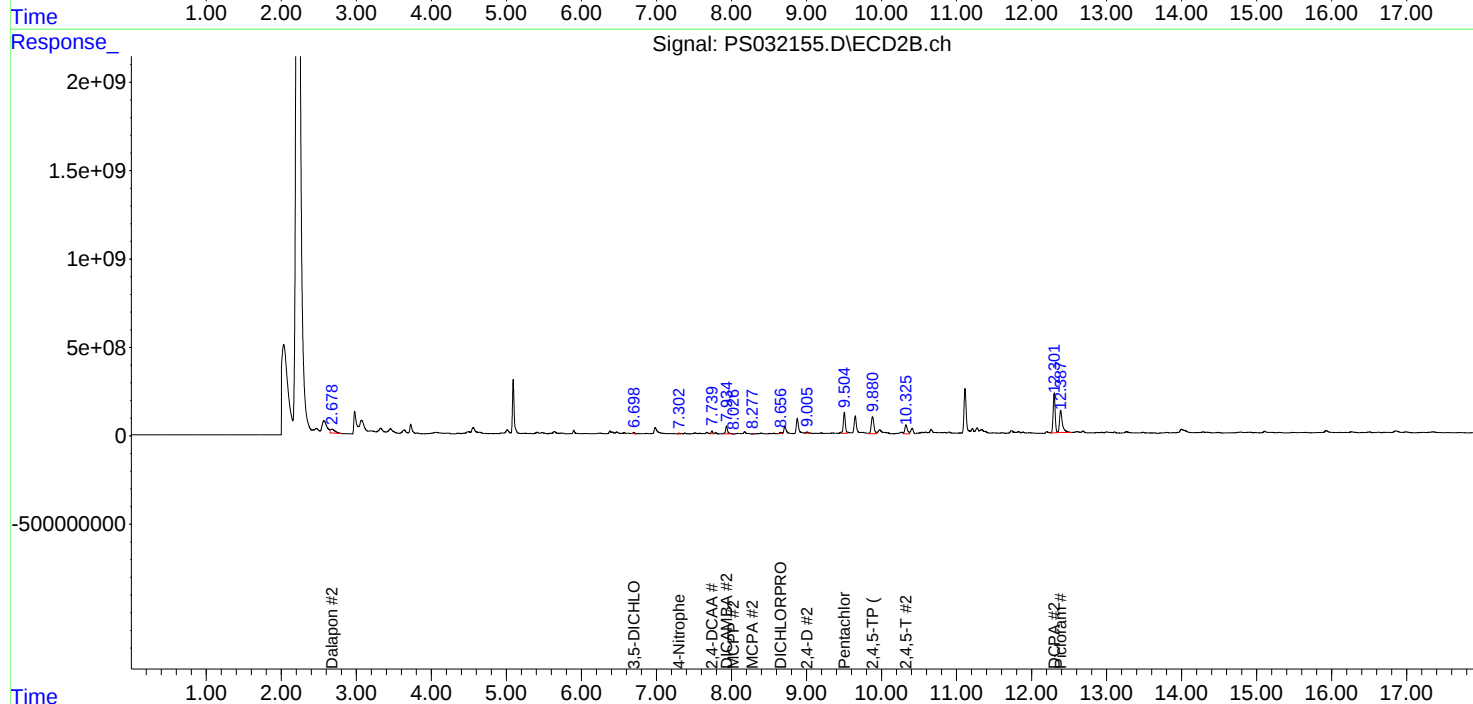
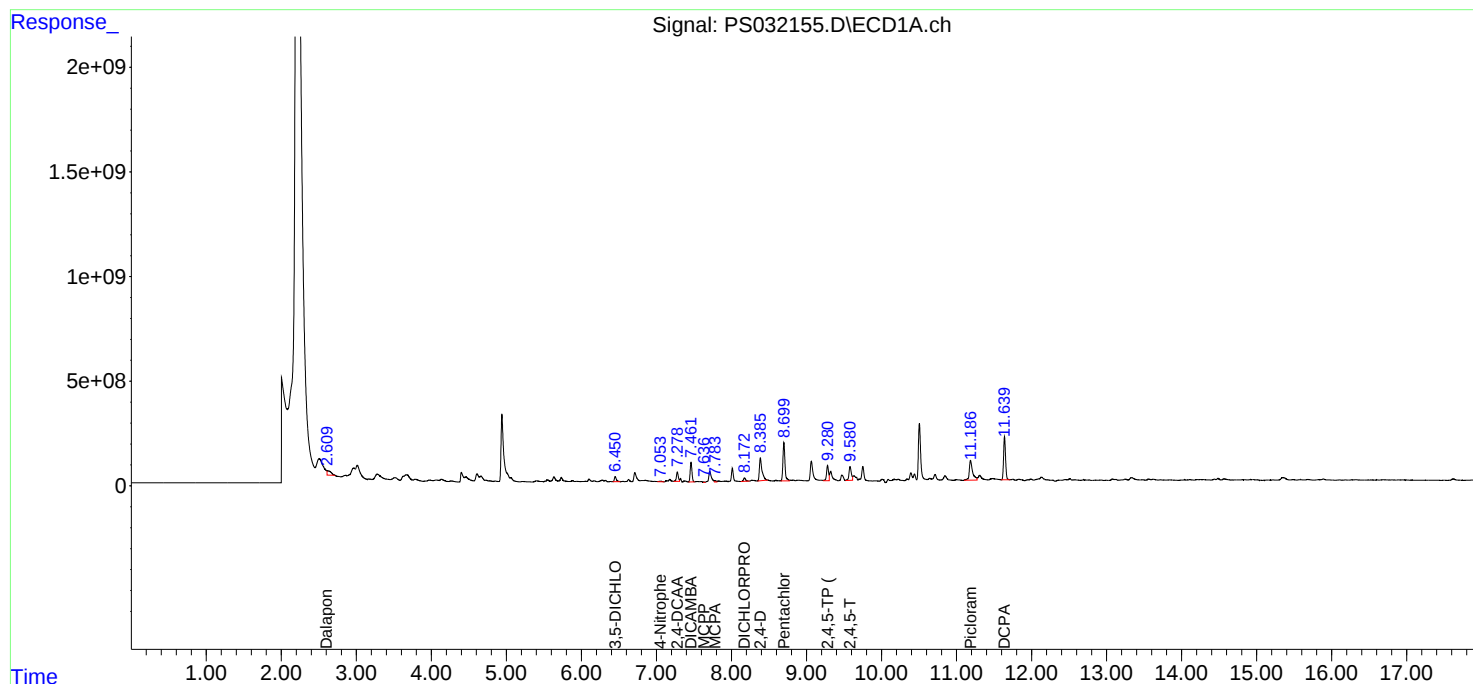
Instrument :
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ClientSampleId :
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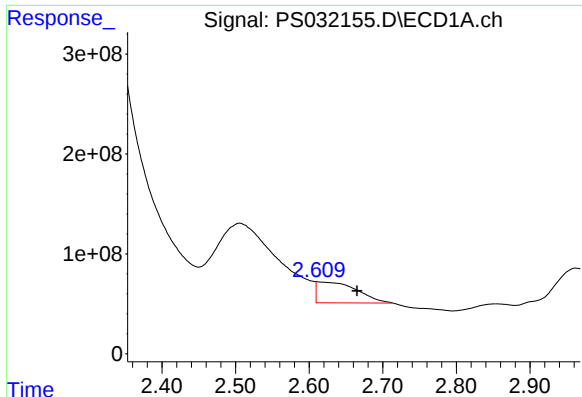
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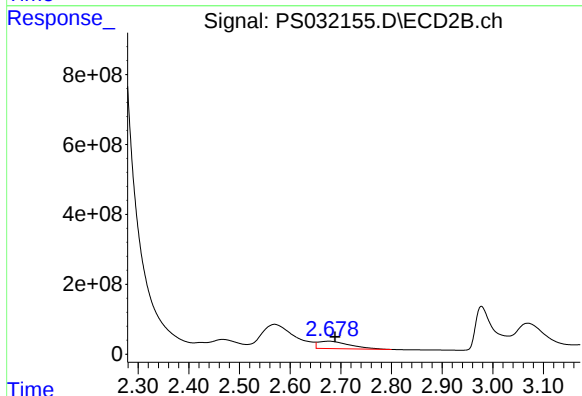
#1 Dalapon

R.T.: 2.609 min
Delta R.T.: -0.056 min
Response: 771402878
Conc: 99.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

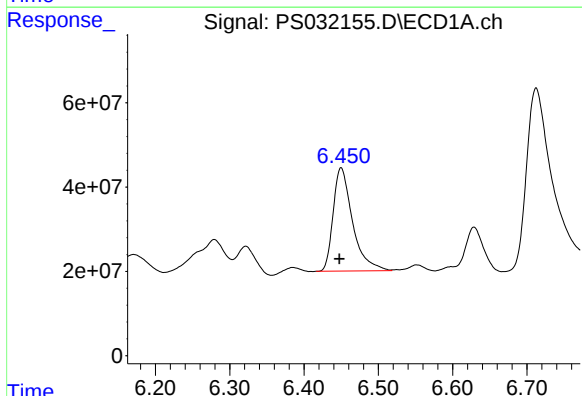
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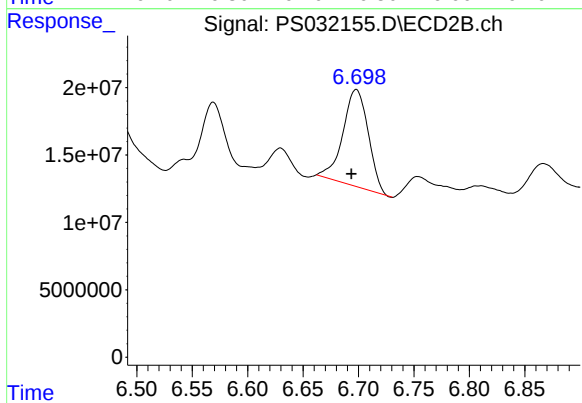
#1 Dalapon

R.T.: 2.678 min
Delta R.T.: -0.012 min
Response: 896727734
Conc: 238.60 ng/ml m



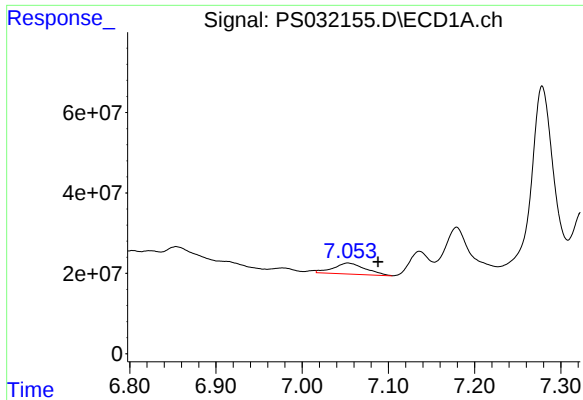
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.003 min
Response: 444356246
Conc: 63.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.004 min
Response: 114598121
Conc: 54.94 ng/ml



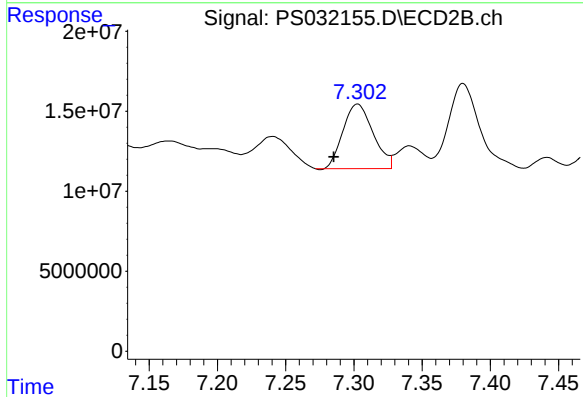
#3 4-Nitrophenol

R.T.: 7.053 min
Delta R.T.: -0.036 min
Response: 71190620
Conc: 53.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

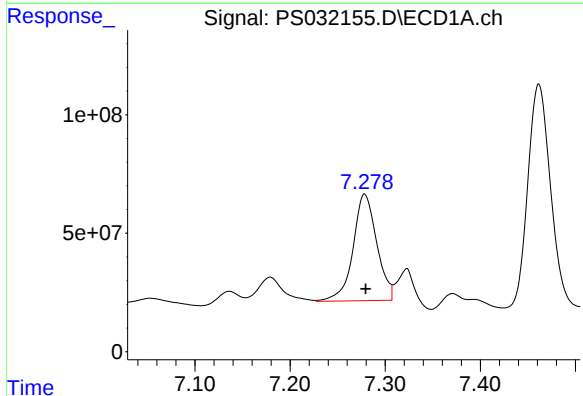
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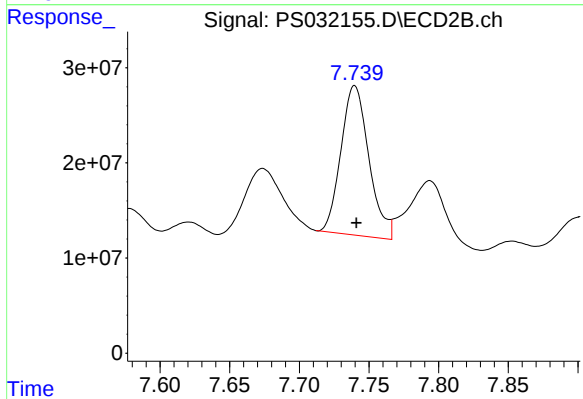
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.017 min
Response: 62025966
Conc: 40.88 ng/ml



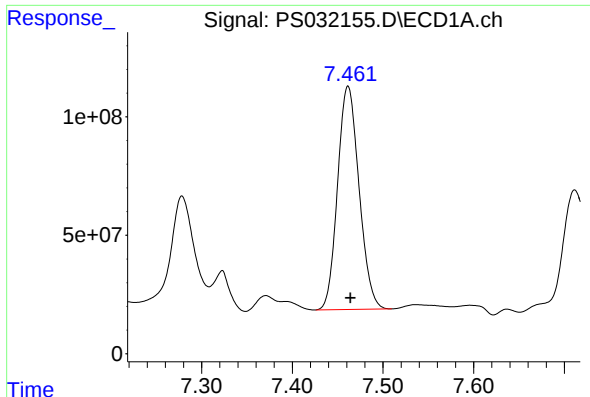
#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 782296632
Conc: 164.11 ng/ml m



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: -0.001 min
Response: 219727827
Conc: 199.69 ng/ml



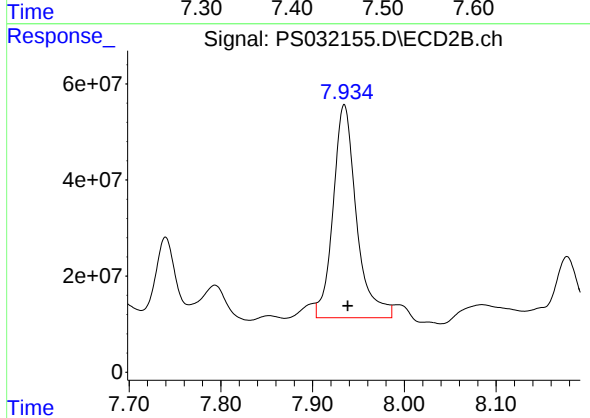
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 1549800962
Conc: 74.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

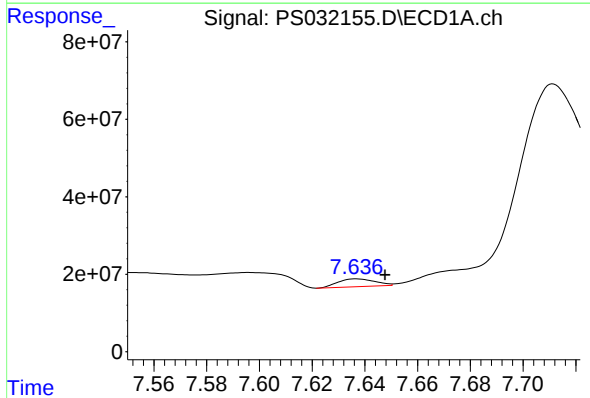
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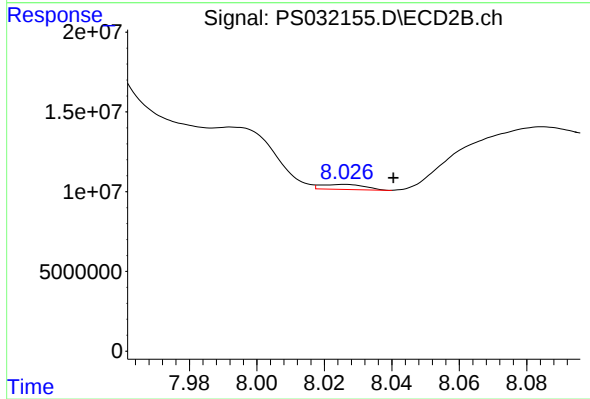
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 782954706
Conc: 90.40 ng/ml m



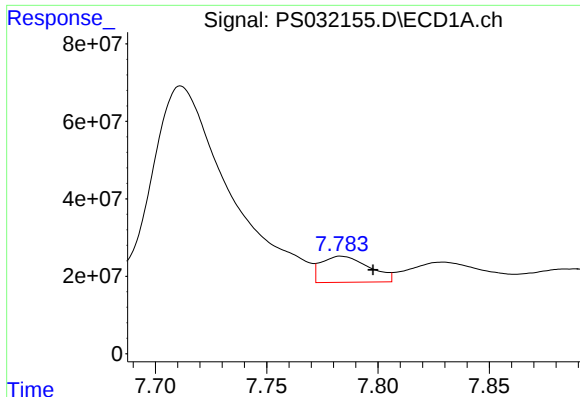
#6 MCP

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 20012546
Conc: 1.64 ug/ml m



#6 MCP

R.T.: 8.026 min
Delta R.T.: -0.015 min
Response: 2777418
Conc: 1.12 ug/ml m



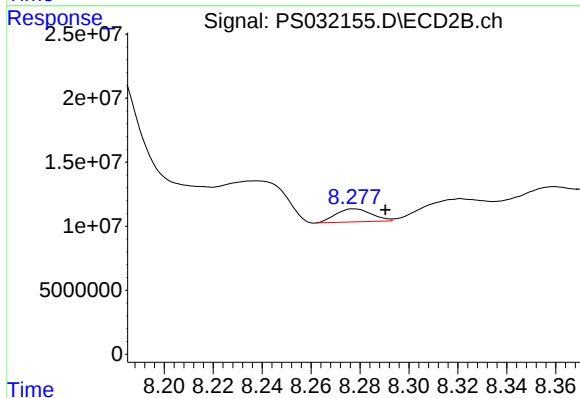
#7 MCPA

R.T.: 7.784 min
Delta R.T.: -0.014 min
Response: 100329704
Conc: 6.82 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

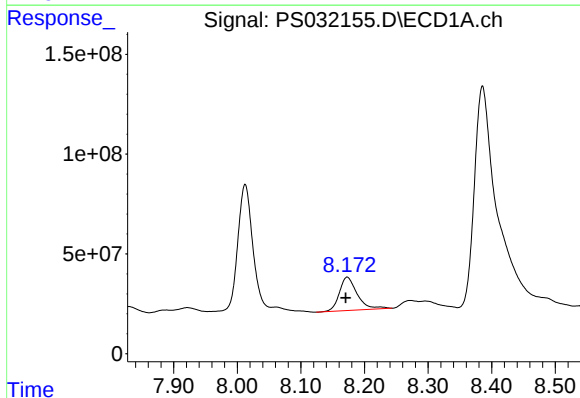
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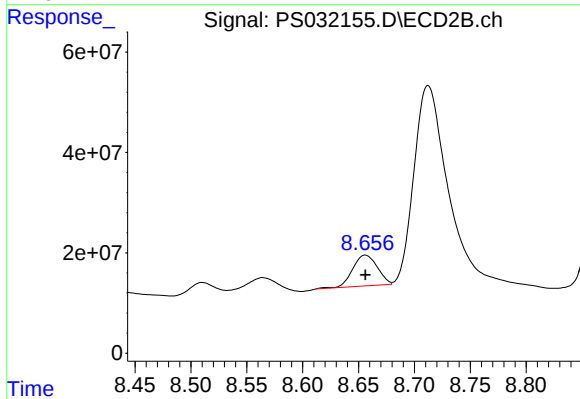
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.013 min
Response: 10355812
Conc: 2.75 ug/ml



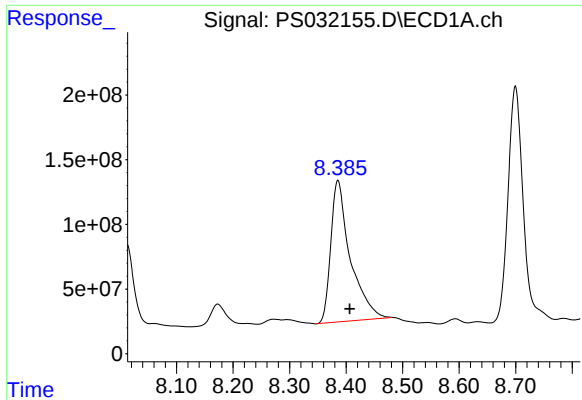
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.002 min
Response: 326797463
Conc: 68.74 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 94372356
Conc: 48.19 ng/ml



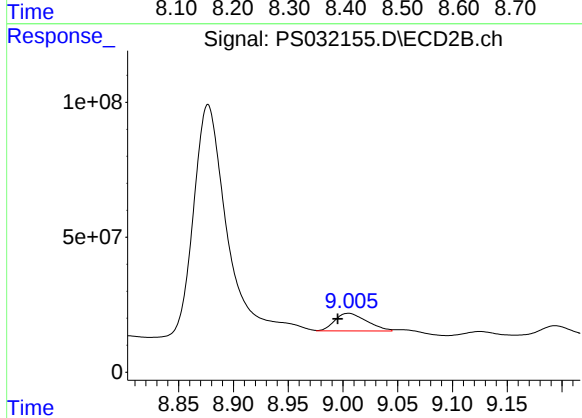
#9 2,4-D

R.T.: 8.385 min
Delta R.T.: -0.021 min
Response: 2618779342
Conc: 539.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

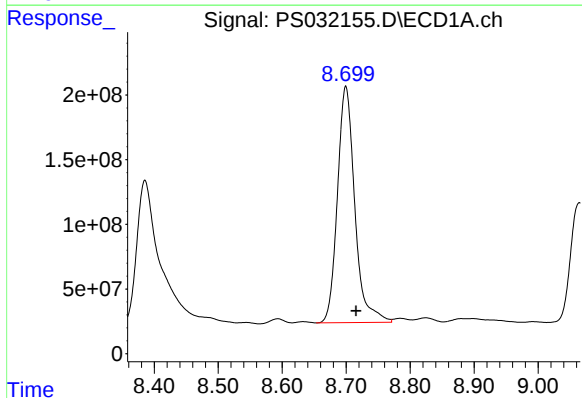
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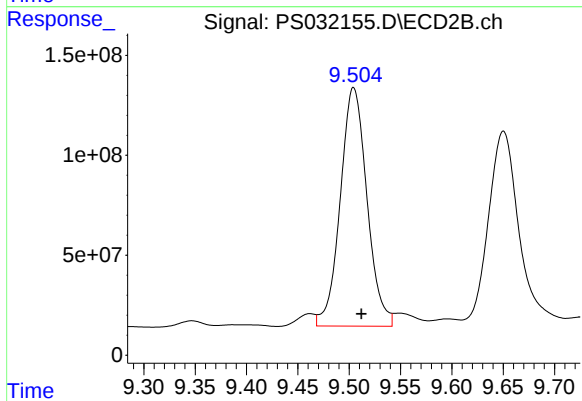
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.010 min
Response: 131904834
Conc: 63.47 ng/ml m



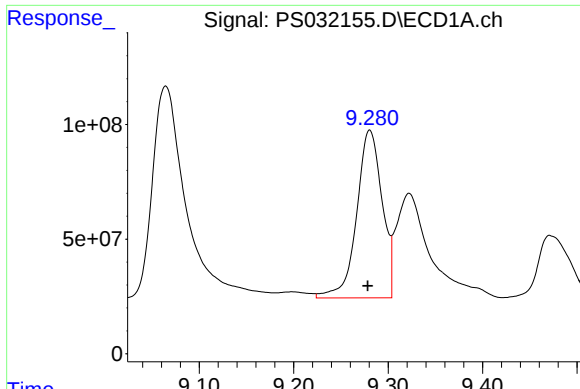
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.016 min
Response: 3450384156
Conc: 51.41 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.008 min
Response: 2165283857
Conc: 41.78 ng/ml m



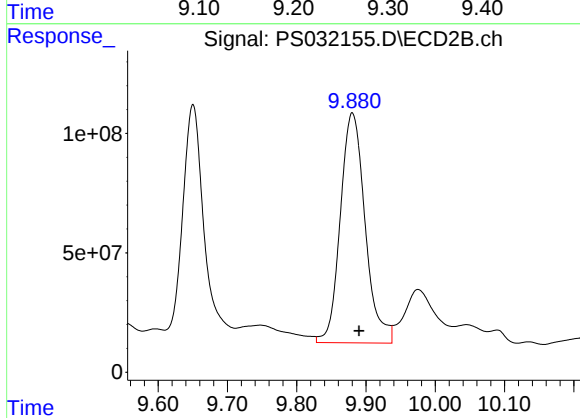
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: 0.002 min
Response: 1372166777
Conc: 48.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MS

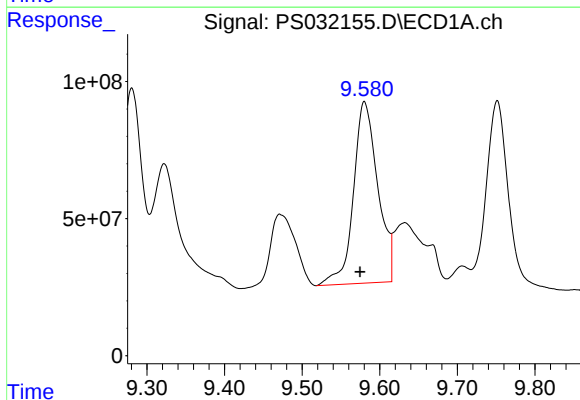
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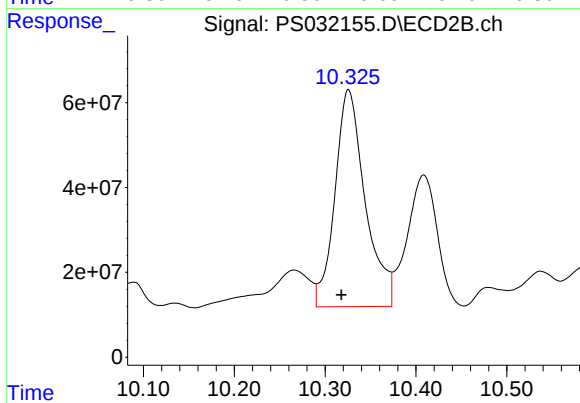
#11 2,4,5-TP (SILVEX)

R.T.: 9.880 min
Delta R.T.: -0.010 min
Response: 2403512419
Conc: 119.73 ng/ml



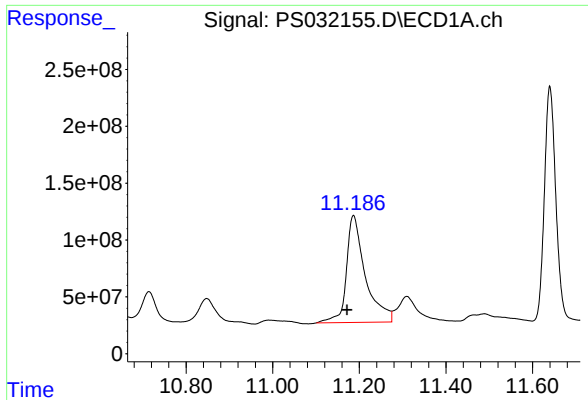
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.006 min
Response: 1445249203
Conc: 57.25 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 1183264047
Conc: 69.02 ng/ml



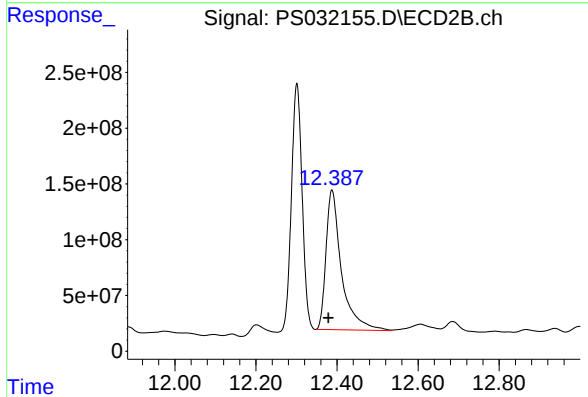
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.015 min
Response: 2857680669
Conc: 121.20 ng/ml

Instrument :
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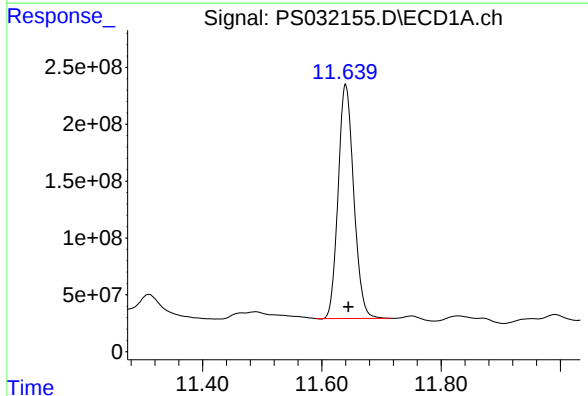
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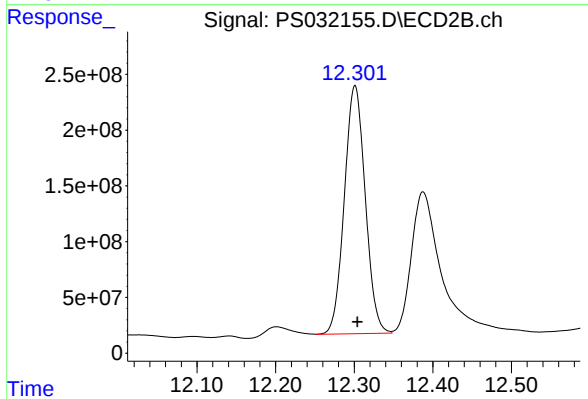
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 3311860724
Conc: 99.48 ng/ml



#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.005 min
Response: 3736190039
Conc: 101.69 ng/ml



#16 DCPA

R.T.: 12.301 min
Delta R.T.: -0.003 min
Response: 4115579483
Conc: 123.92 ng/ml m