

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 12:08
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 14:06:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 27 13:59:06 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	2247.3E6	555.9E6	535.503	507.399
Target Compounds							
1) T	Dalapon	2.658	2.687	3330.4E6	1724.5E6	475.117	470.768
2) T	3,5-DICHL...	6.445	6.695	3067.3E6	901.3E6	499.769	491.311
3) T	4-Nitroph...	7.108	7.312	463.7E6	614.6E6	400.861	385.439
5) T	DICAMBA	7.458	7.933	9003.3E6	3920.2E6	498.639	486.961
6) T	MCPD	7.634	8.027	500.4E6	122.7E6	43.655	45.100
7) T	MCPA	7.782	8.274	597.6E6	165.0E6	43.941	44.916
8) T	DICHLORPROP	8.167	8.653	2096.5E6	890.7E6	508.025	498.327
9) T	2,4-D	8.411	9.001	1994.1E6	940.2E6	497.787	482.243
10) T	Pentachlo...	8.694	9.500	34064.2E6	25232.9E6	587.723	532.977
11) T	2,4,5-TP ...	9.273	9.886	12197.7E6	9337.9E6	504.780	504.525
12) T	2,4,5-T	9.576	10.318	10485.0E6	7848.9E6	505.387	484.521
13) T	2,4-DB	10.153	10.886	1102.0E6	644.3E6	467.750	487.178
14) T	DINOSEB	11.336	11.256	9357.1E6	6661.2E6	502.976	487.652
15) T	Picloram	11.182	12.385	8703.4E6	14011.1E6	440.692m	469.623
16) T	DCPA	11.636	12.296	16123.5E6	15675.2E6	520.078	514.829

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

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Sample : HSTDICC500
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ALS Vial : 4 Sample Multiplier: 1

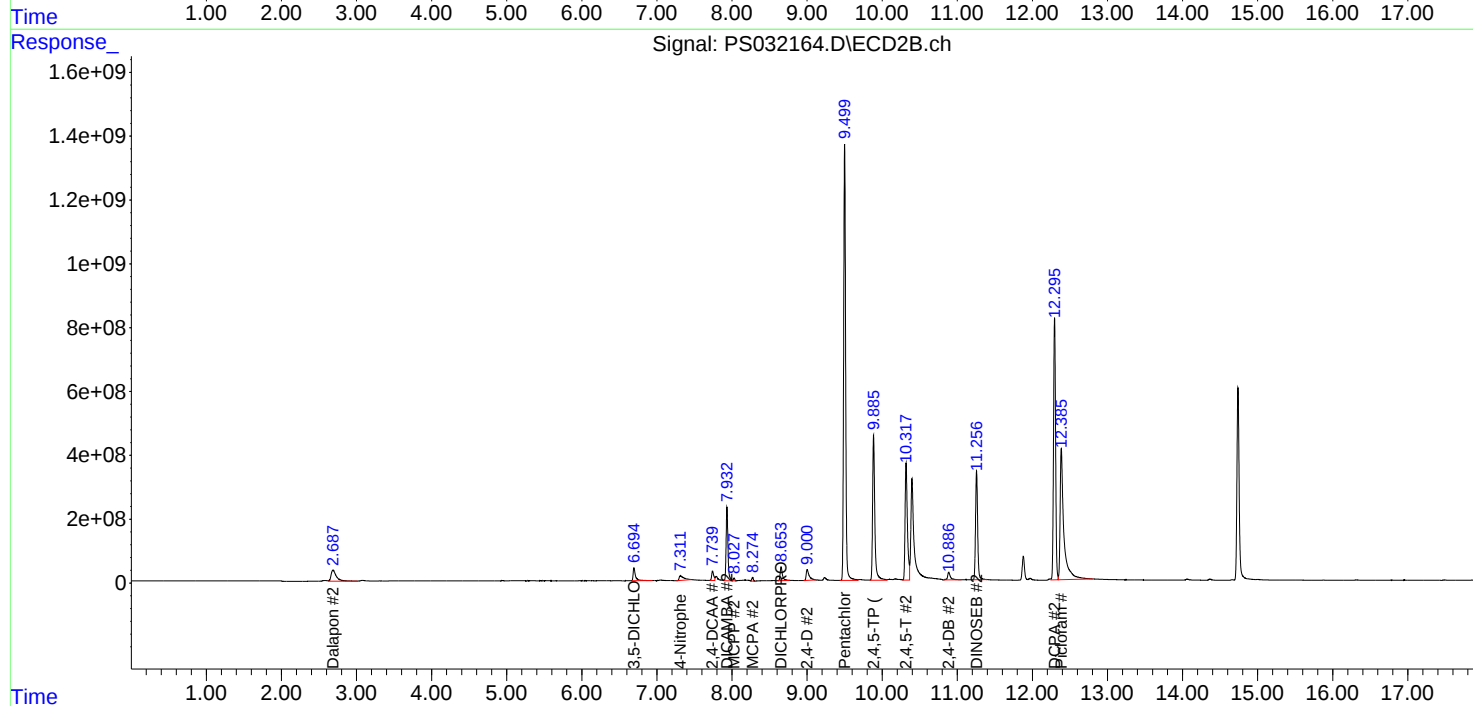
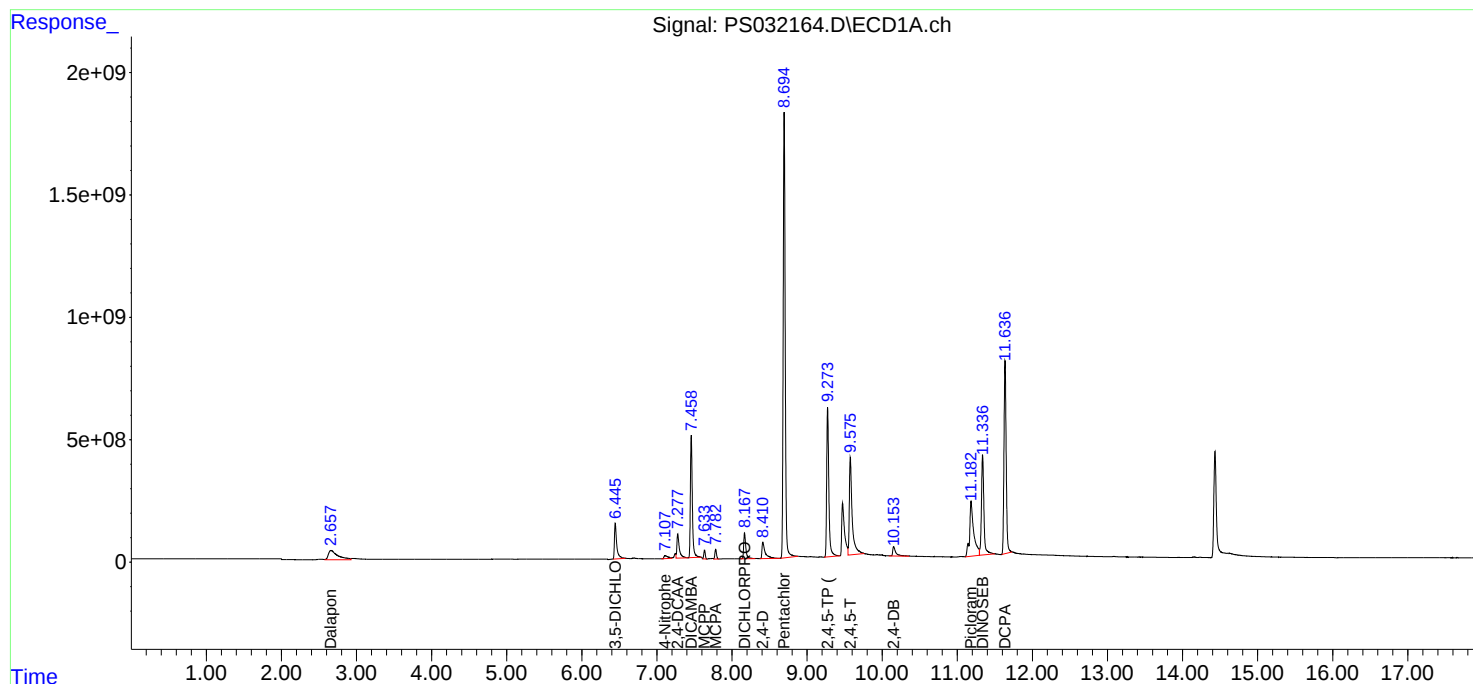
Instrument :
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ClientSampleId :
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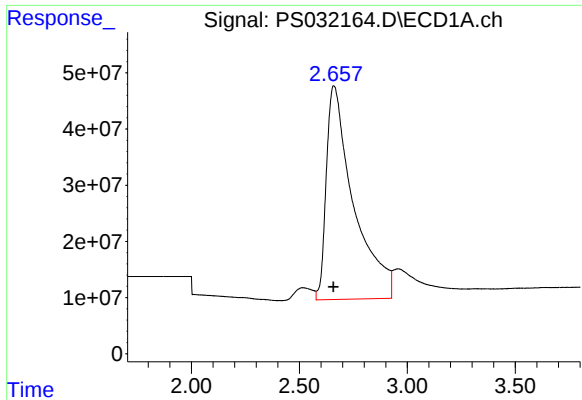
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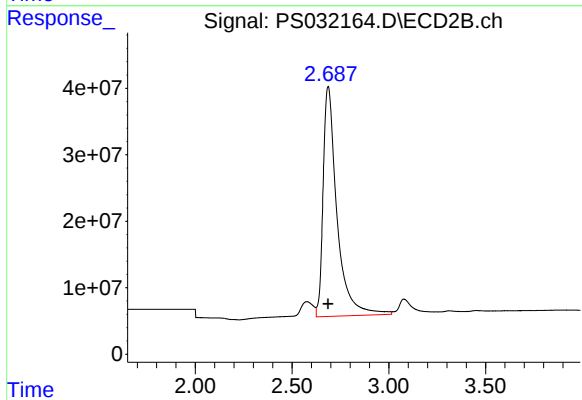
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: 0.000 min
Response: 3330397208
Conc: 475.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

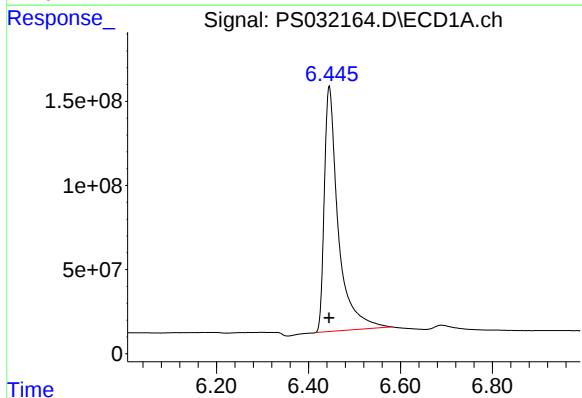
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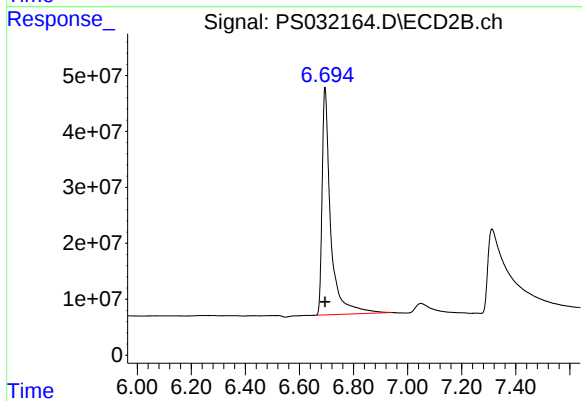
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 1724459485
Conc: 470.77 ng/ml



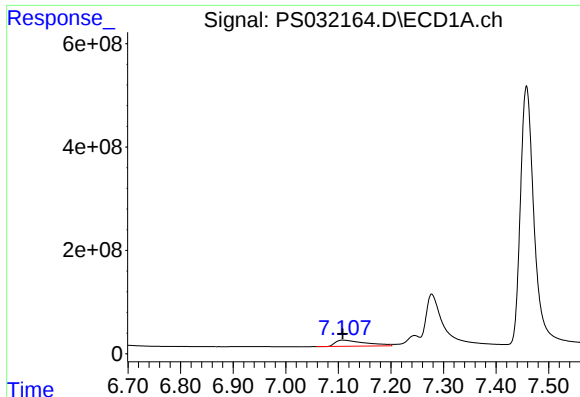
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 3067253797
Conc: 499.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 901297902
Conc: 491.31 ng/ml



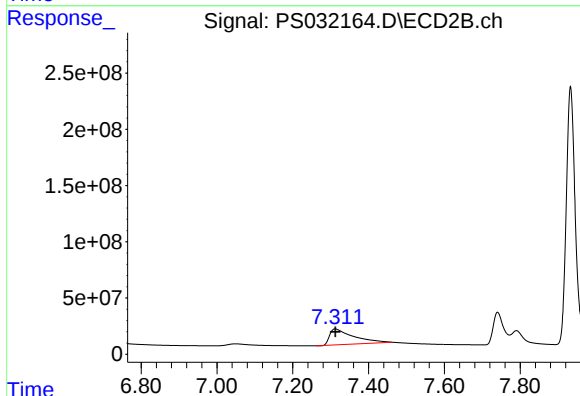
#3 4-Nitrophenol

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 463710750
Conc: 400.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

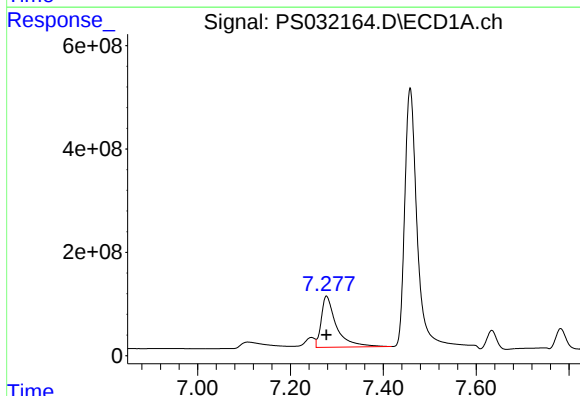
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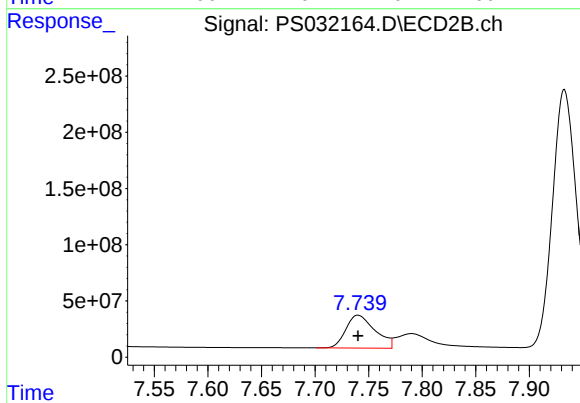
#3 4-Nitrophenol

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 614565899
Conc: 385.44 ng/ml



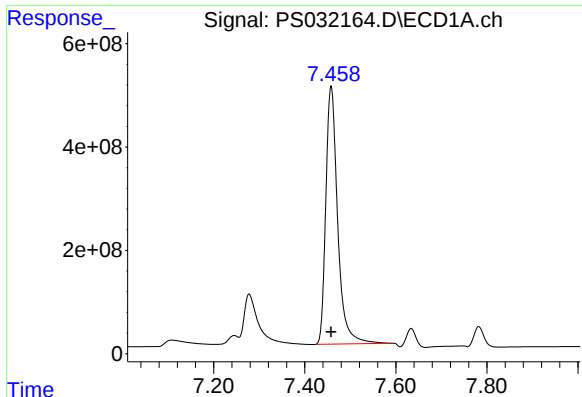
#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 2247304213
Conc: 535.50 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 555884474
Conc: 507.40 ng/ml



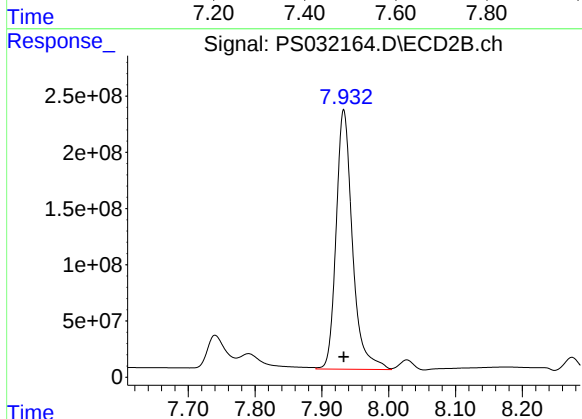
#5 DICAMBA

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 9003279042
Conc: 498.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

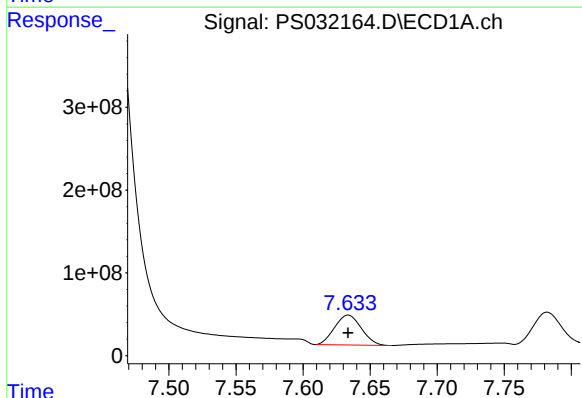
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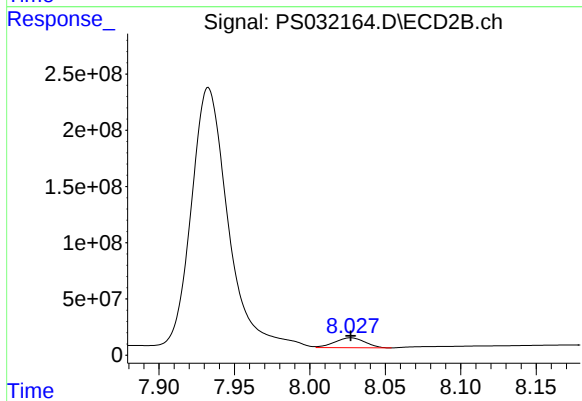
#5 DICAMBA

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 3920201623
Conc: 486.96 ng/ml



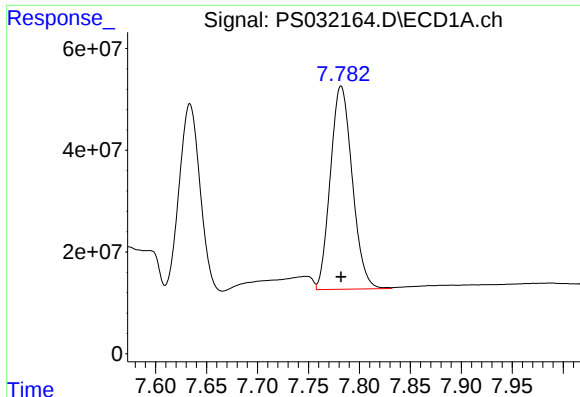
#6 MCP

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 500421170
Conc: 43.65 ug/ml



#6 MCP

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 122743530
Conc: 45.10 ug/ml



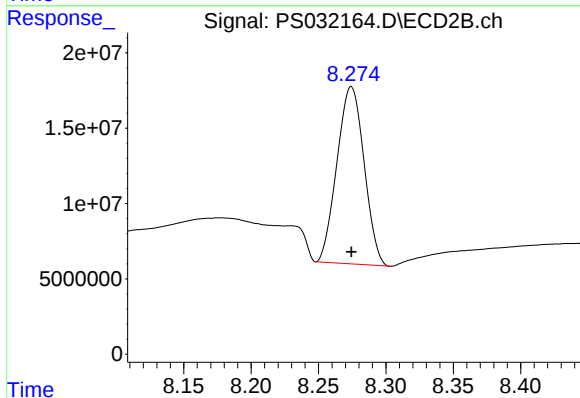
#7 MCPA

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 597617826
Conc: 43.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

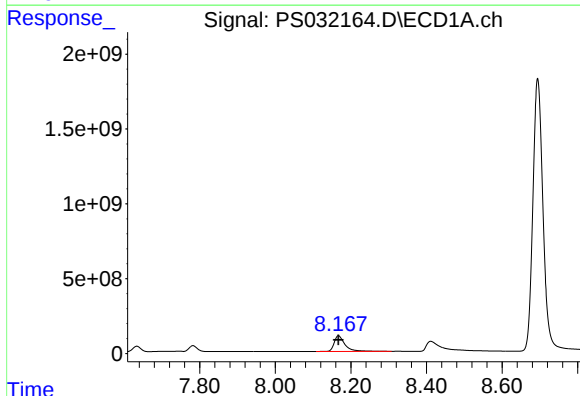
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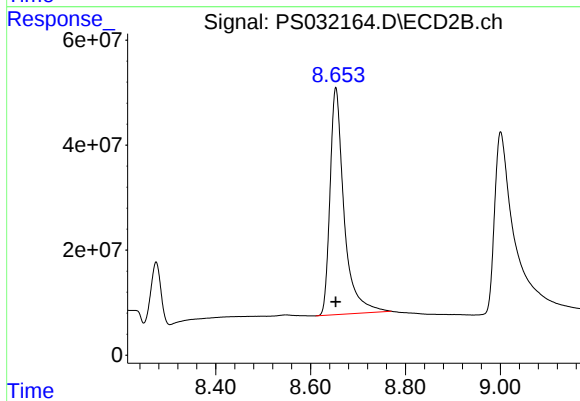
#7 MCPA

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 165026035
Conc: 44.92 ug/ml



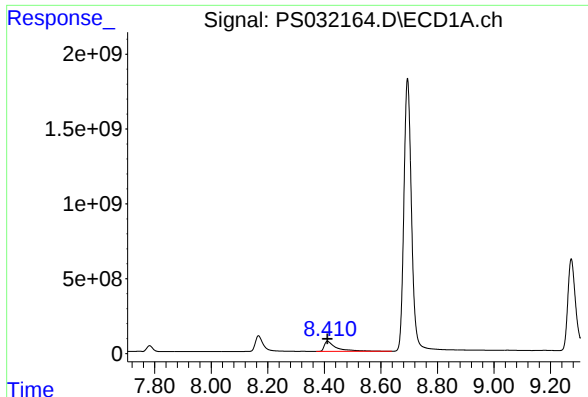
#8 DICHLORPROP

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 2096521022
Conc: 508.02 ng/ml



#8 DICHLORPROP

R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 890686661
Conc: 498.33 ng/ml



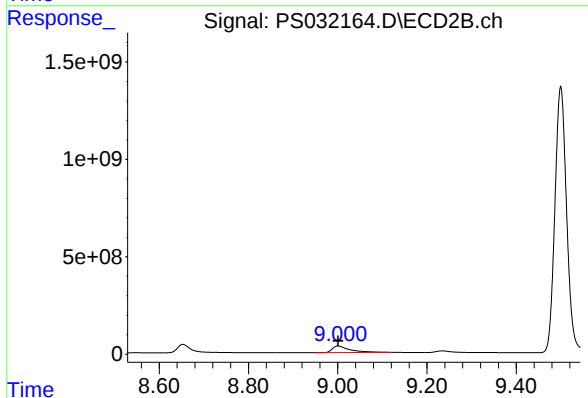
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 1994086821
Conc: 497.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

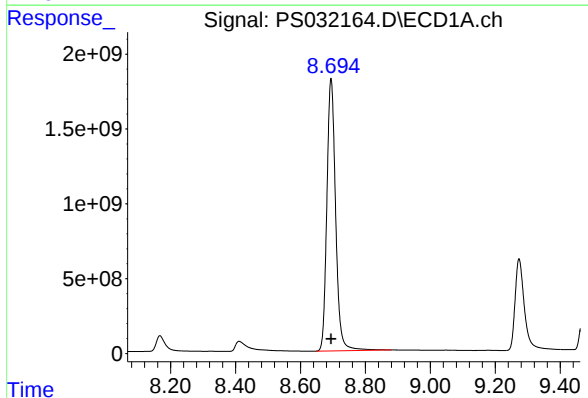
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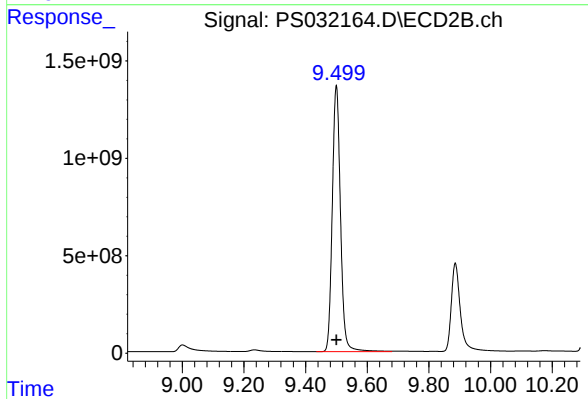
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 940156223
Conc: 482.24 ng/ml



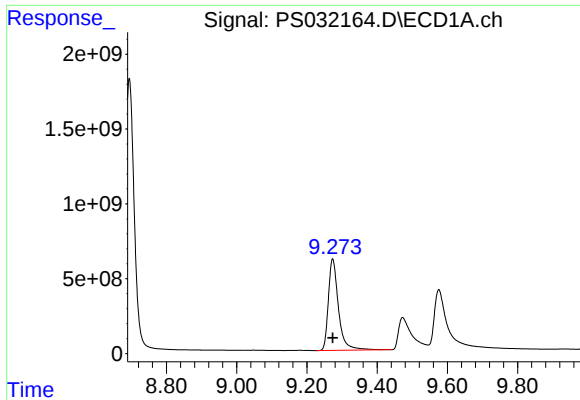
#10 Pentachlorophenol

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 34064178118
Conc: 587.72 ng/ml



#10 Pentachlorophenol

R.T.: 9.500 min
Delta R.T.: 0.000 min
Response: 25232900642
Conc: 532.98 ng/ml



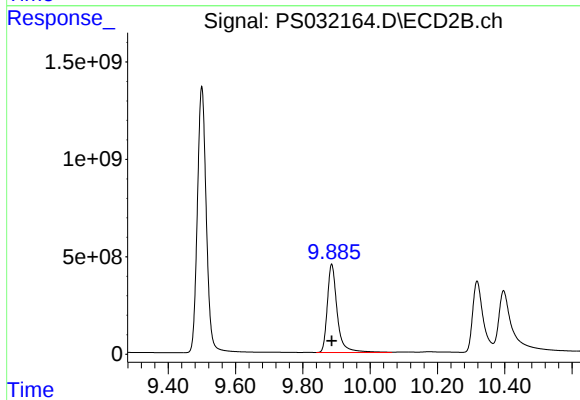
#11 2,4,5-TP (SILVEX)

R.T.: 9.273 min
Delta R.T.: 0.000 min
Response: 12197711177
Conc: 504.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

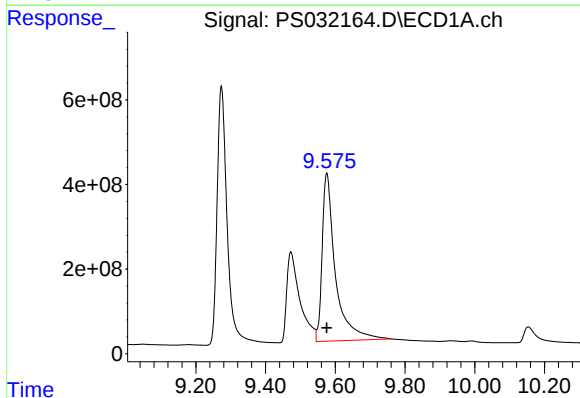
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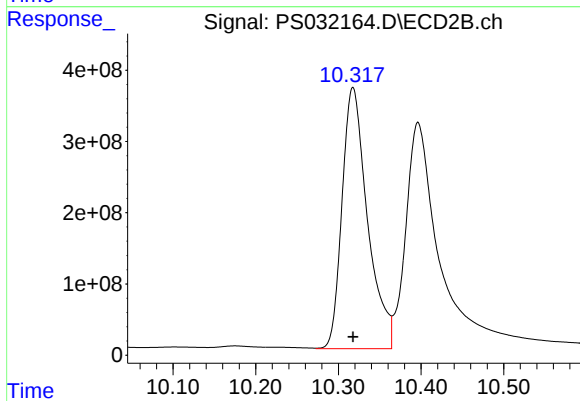
#11 2,4,5-TP (SILVEX)

R.T.: 9.886 min
Delta R.T.: 0.000 min
Response: 9337885472
Conc: 504.52 ng/ml



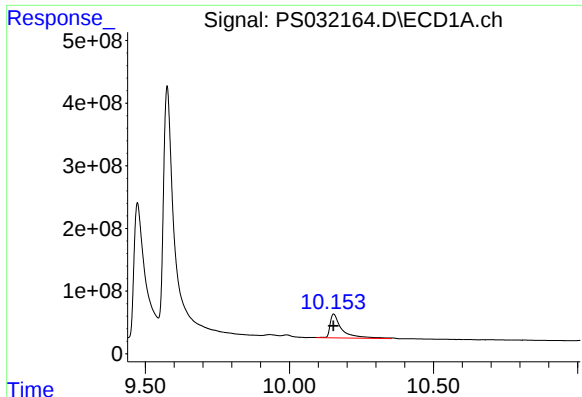
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: 0.000 min
Response: 10485037514
Conc: 505.39 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 7848928161
Conc: 484.52 ng/ml



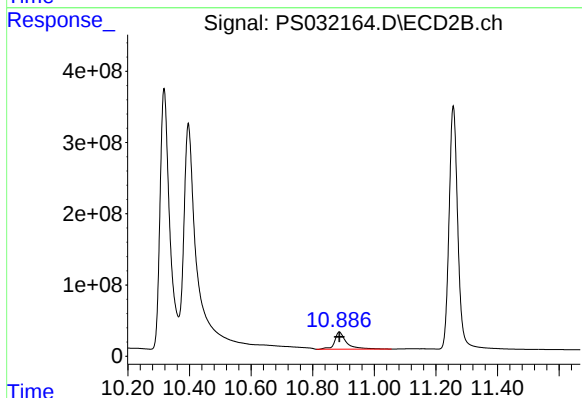
#13 2,4-DB

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 1101955803
Conc: 467.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

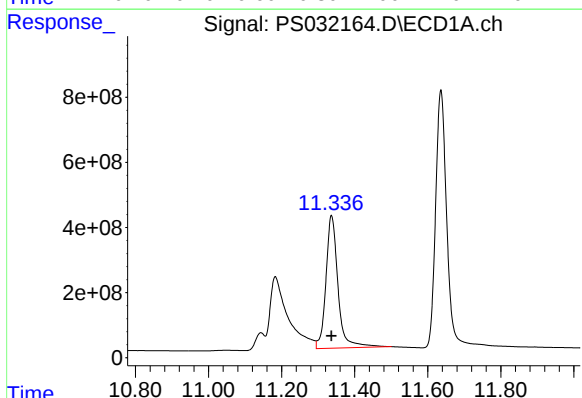
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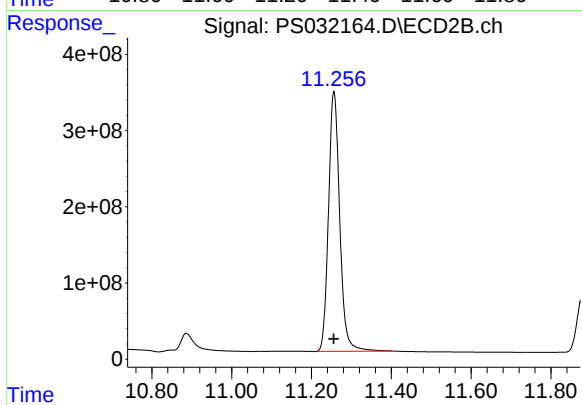
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 644279195
Conc: 487.18 ng/ml



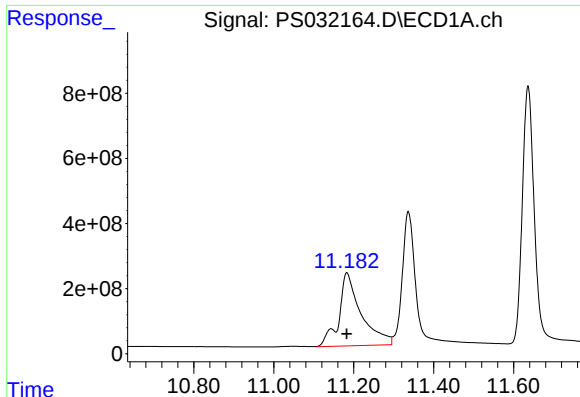
#14 DINOSEB

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 9357101913
Conc: 502.98 ng/ml



#14 DINOSEB

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 6661212345
Conc: 487.65 ng/ml



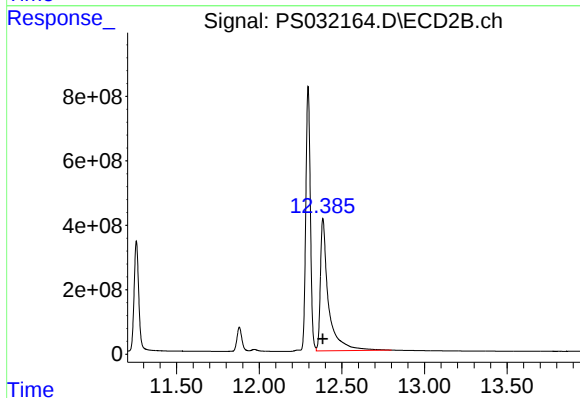
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.000 min
Response: 8703372152
Conc: 440.69 ng/ml

Instrument :
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ClientSampleId :
HSTDICC500

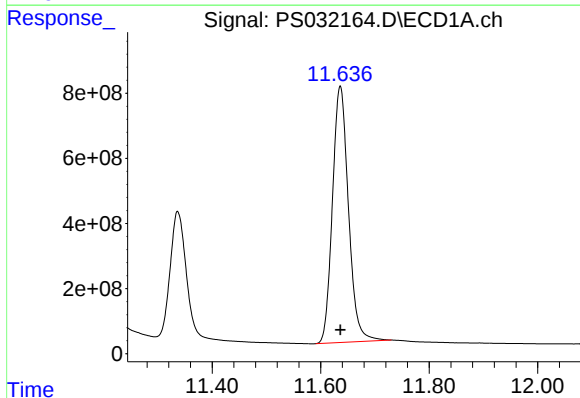
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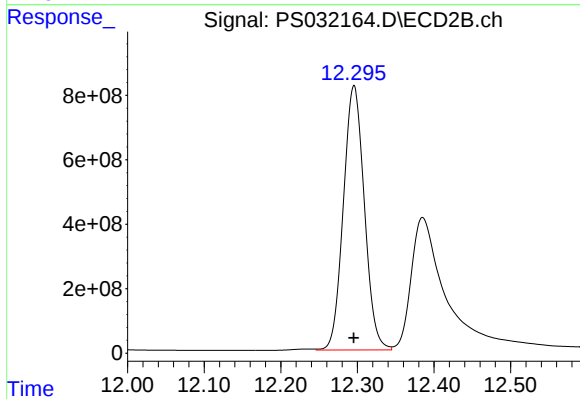
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.000 min
Response: 14011149465
Conc: 469.62 ng/ml



#16 DCPA

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 16123487582
Conc: 520.08 ng/ml



#16 DCPA

R.T.: 12.296 min
Delta R.T.: 0.000 min
Response: 15675194081
Conc: 514.83 ng/ml