

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
 Data File : PS032104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 18:04
 Operator : AR\AJ
 Sample : PB170177BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170177BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 14:01:52 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	7.285	7.750	2399.3E6	530.1E6	503.302	481.785
Target Compounds							
1) T	Dalapon	2.658	2.688	3493.3E6	1767.5E6	452.059	470.290
2) T	3,5-DICHL...	6.451	6.702	3317.1E6	967.3E6	471.260	463.759
3) T	4-Nitroph...	7.114f	7.328f	590.6E6	655.2E6	442.520	431.815m
5) T	DICAMBA	7.465	7.941	9854.8E6	3998.6E6	470.570	461.686
6) T	MCPD	7.640	8.035	524.6E6	102.6E6	42.898	41.315
7) T	MCPA	7.789	8.282	638.3E6	168.5E6	43.373	44.678
8) T	DICHLORPROP	8.175	8.662	2203.6E6	910.1E6	463.508	464.763
9) T	2,4-D	8.419	9.013	2257.3E6	872.0E6	464.859	419.595
10) T	Pentachlo...	8.703	9.509	37425.2E6	26596.6E6	557.591	513.212
11) T	2,4,5-TP ...	9.283	9.896	13429.6E6	9639.1E6	475.518	480.158
12) T	2,4,5-T	9.585	10.329	11630.1E6	7817.7E6	460.701	455.985
13) T	2,4-DB	10.163	10.900	1275.4E6	514.4E6	411.370	398.088
14) T	DINOSEB	11.347	11.266	10404.5E6	7128.1E6	466.553	468.859
15) T	Picloram	11.200f	12.405f	6994.5E6	11972.0E6	296.655m	359.605
16) T	DCPA	11.647	12.306	17564.5E6	16052.0E6	478.073	483.325

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
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Acq On : 21 Oct 2025 18:04
Operator : AR\AJ
Sample : PB170177BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

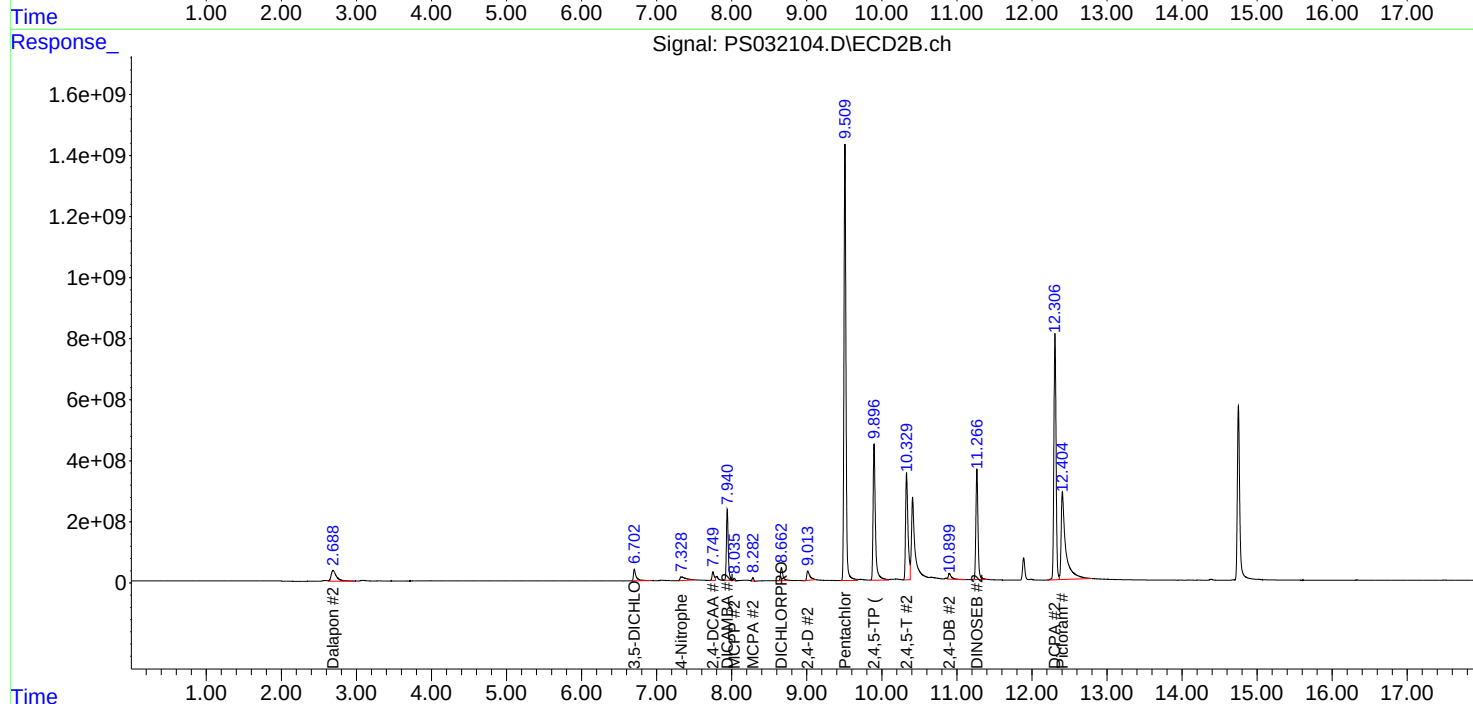
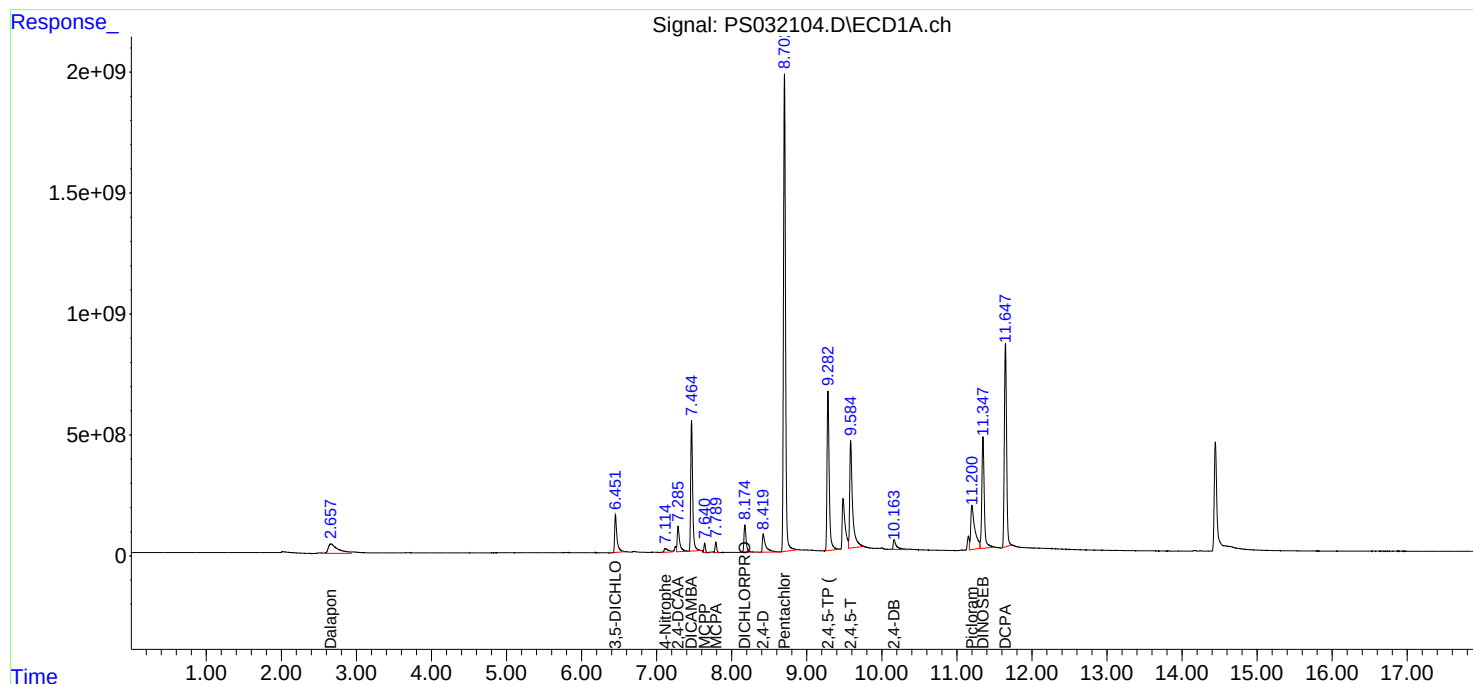
Instrument :
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PB170177BS

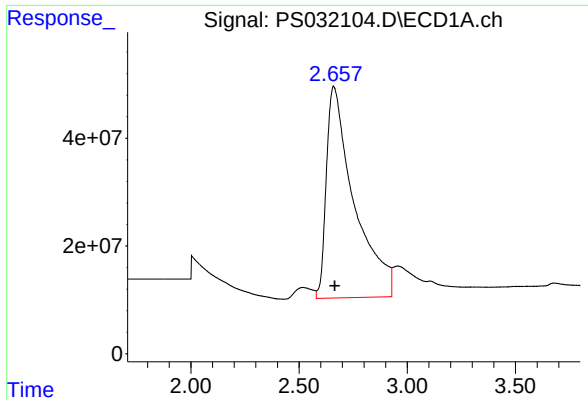
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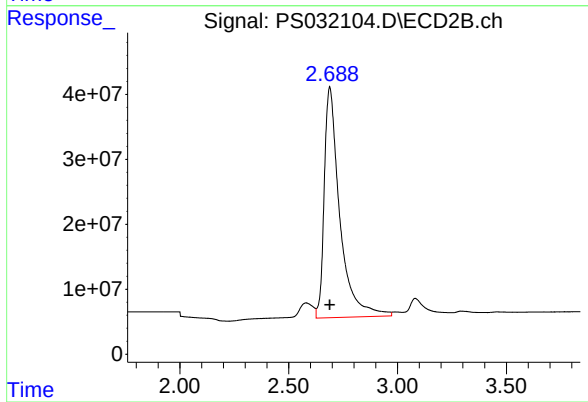
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.007 min
Response: 3493300462
Conc: 452.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

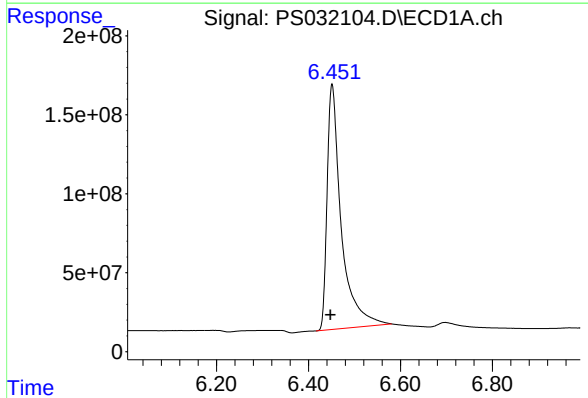
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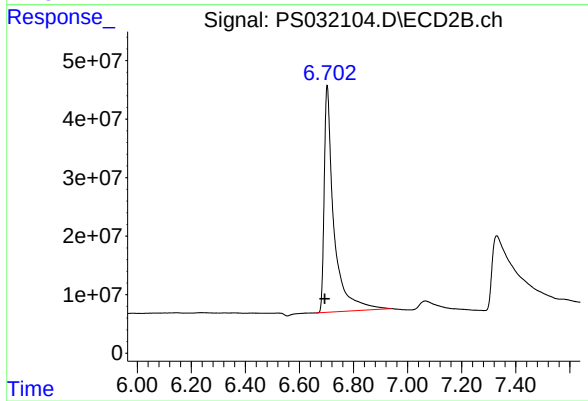
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 1767477255
Conc: 470.29 ng/ml



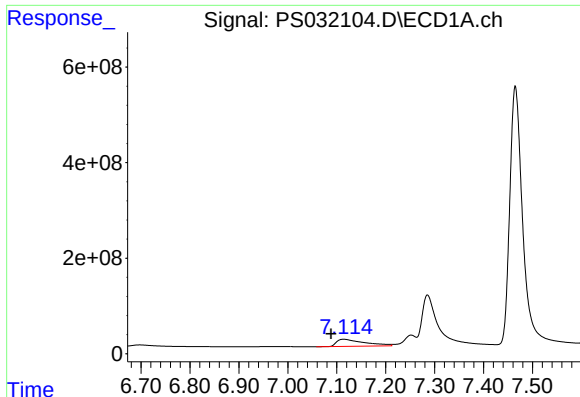
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.004 min
Response: 3317134974
Conc: 471.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min
Delta R.T.: 0.009 min
Response: 967345882
Conc: 463.76 ng/ml



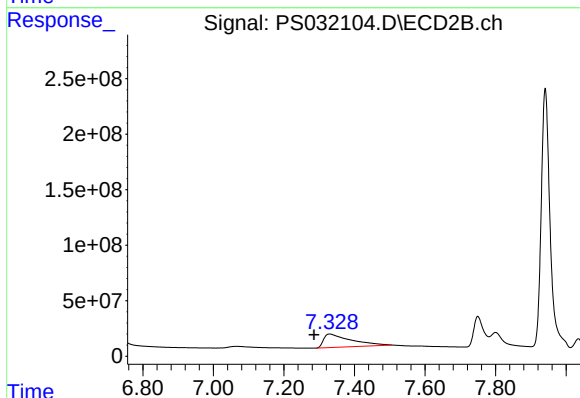
#3 4-Nitrophenol

R.T.: 7.114 min
Delta R.T.: 0.026 min
Response: 590624322
Conc: 442.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

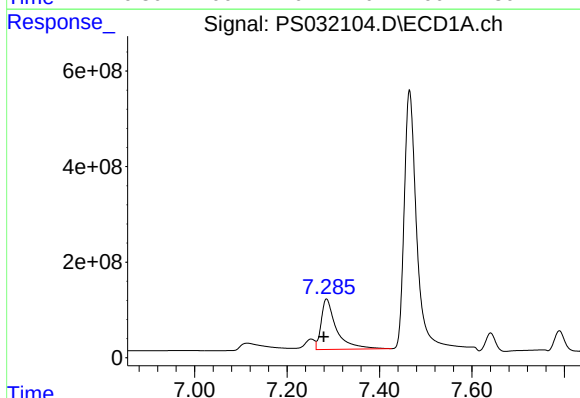
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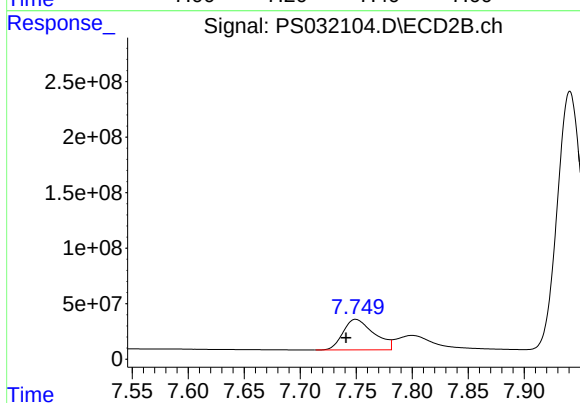
#3 4-Nitrophenol

R.T.: 7.328 min
Delta R.T.: 0.043 min
Response: 655240852
Conc: 431.81 ng/ml m



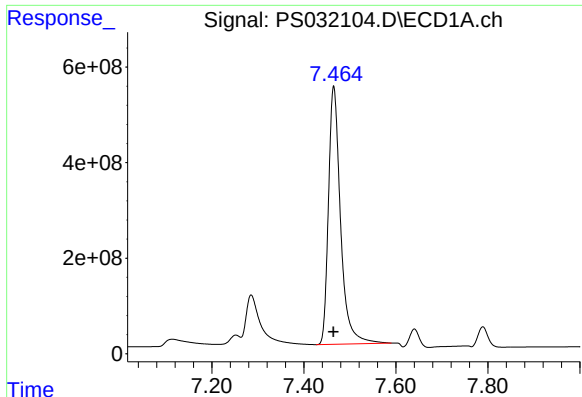
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.006 min
Response: 2399259966
Conc: 503.30 ng/ml



#4 2,4-DCAA

R.T.: 7.750 min
Delta R.T.: 0.009 min
Response: 530126952
Conc: 481.78 ng/ml



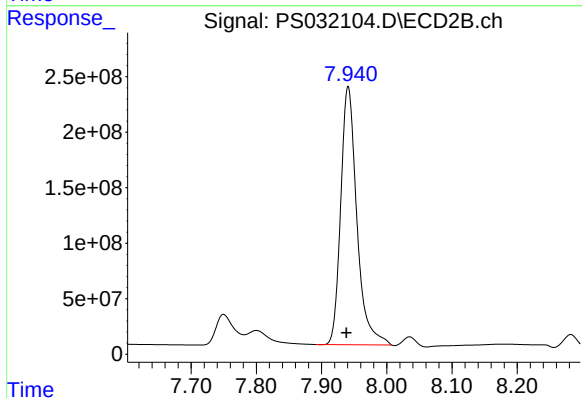
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 9854844531
Conc: 470.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

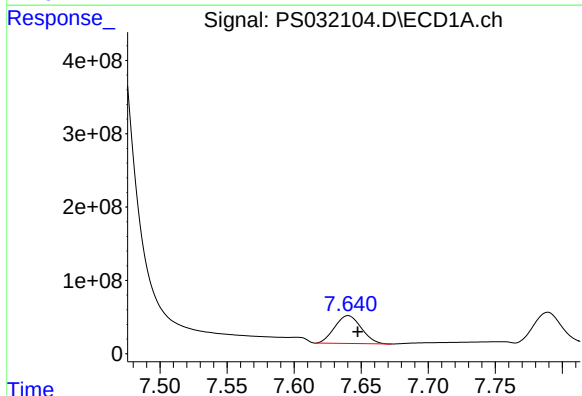
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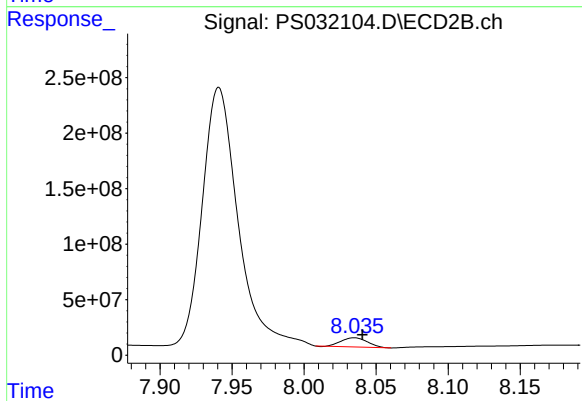
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.003 min
Response: 3998606620
Conc: 461.69 ng/ml



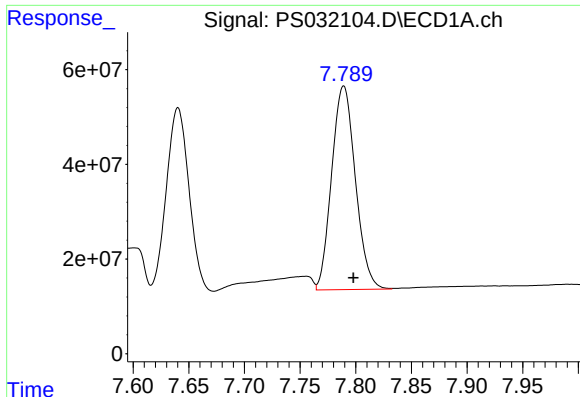
#6 MCP

R.T.: 7.640 min
Delta R.T.: -0.007 min
Response: 524582454
Conc: 42.90 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.006 min
Response: 102554890
Conc: 41.31 ug/ml



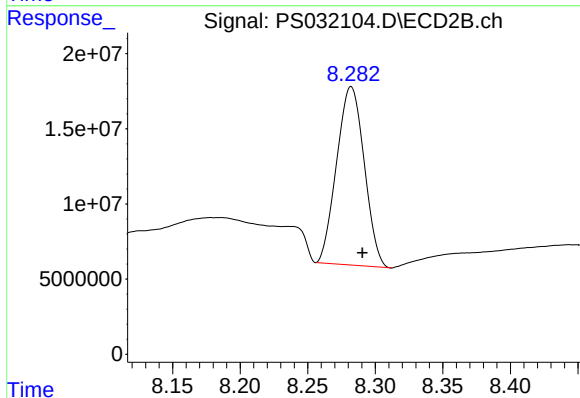
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.009 min
Response: 638293684
Conc: 43.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

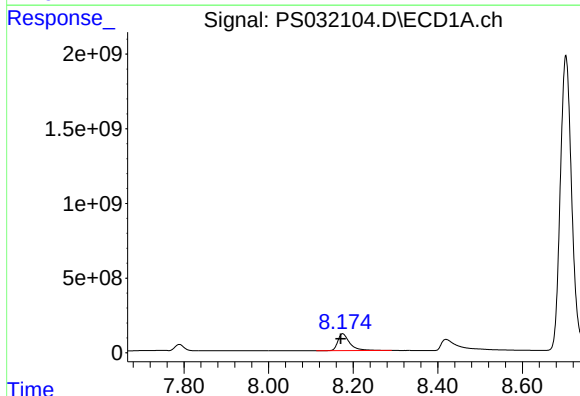
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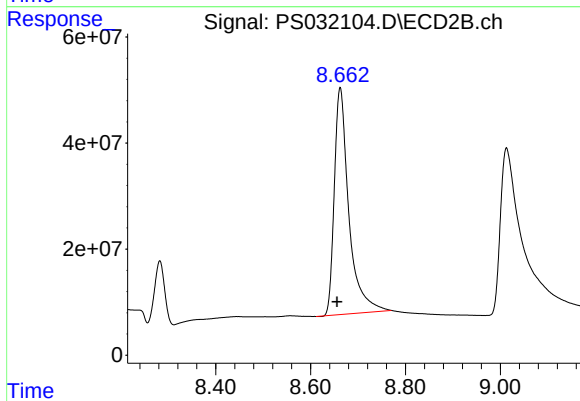
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 168541094
Conc: 44.68 ug/ml



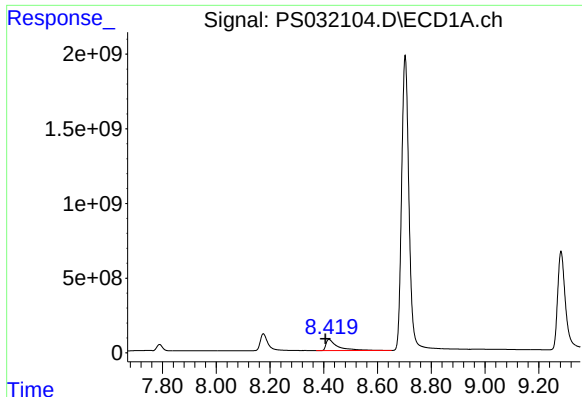
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.004 min
Response: 2203587291
Conc: 463.51 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: 0.006 min
Response: 910126241
Conc: 464.76 ng/ml



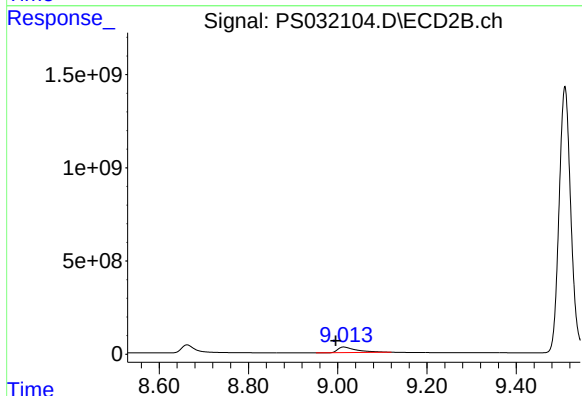
#9 2,4-D

R.T.: 8.419 min
Delta R.T.: 0.013 min
Response: 2257295149
Conc: 464.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

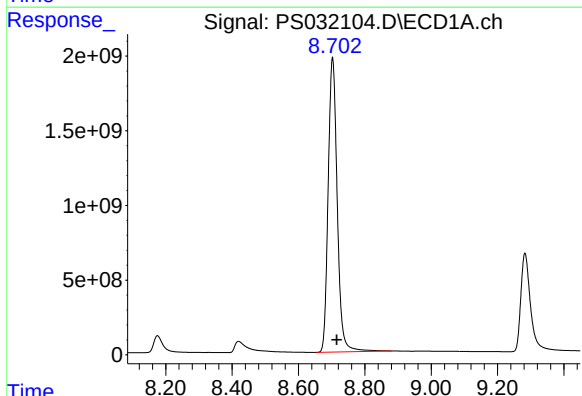
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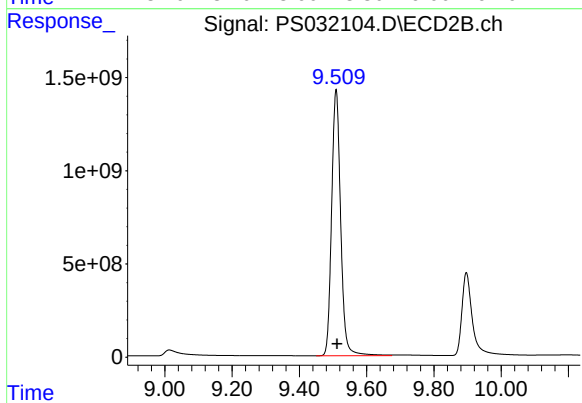
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: 0.018 min
Response: 872044300
Conc: 419.60 ng/ml



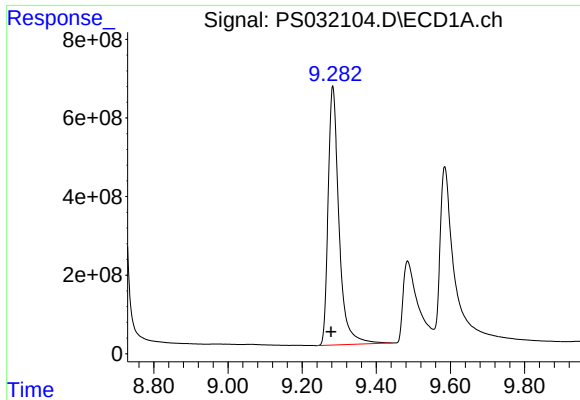
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.013 min
Response: 37425211129
Conc: 557.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 26596645811
Conc: 513.21 ng/ml



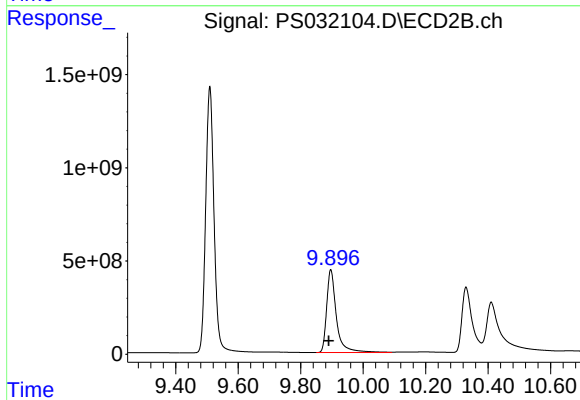
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: 0.004 min
Response: 13429596733
Conc: 475.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

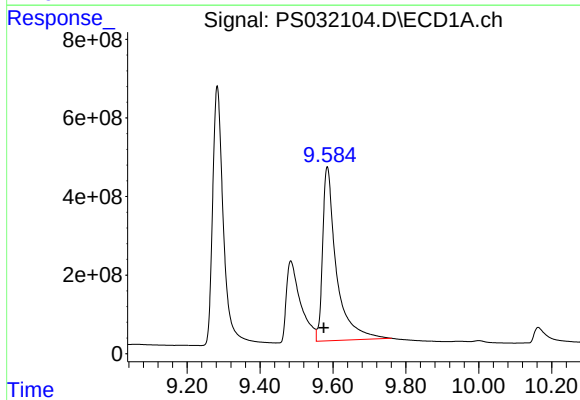
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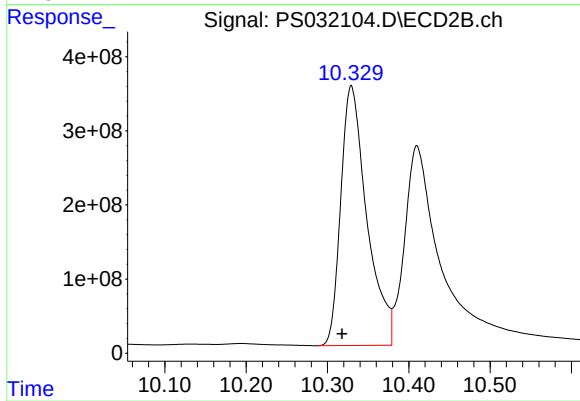
#11 2,4,5-TP (SILVEX)

R.T.: 9.896 min
Delta R.T.: 0.006 min
Response: 9639114296
Conc: 480.16 ng/ml



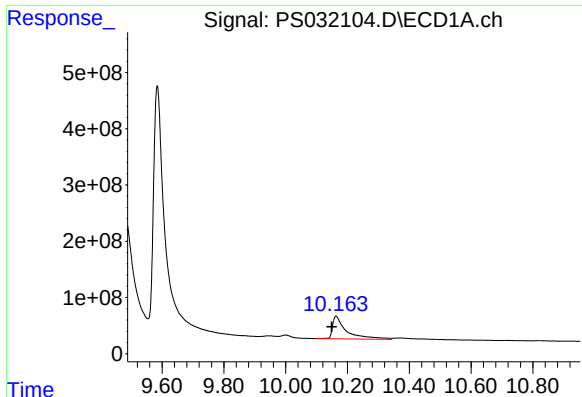
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: 0.010 min
Response: 11630059570
Conc: 460.70 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: 0.011 min
Response: 7817722359
Conc: 455.99 ng/ml



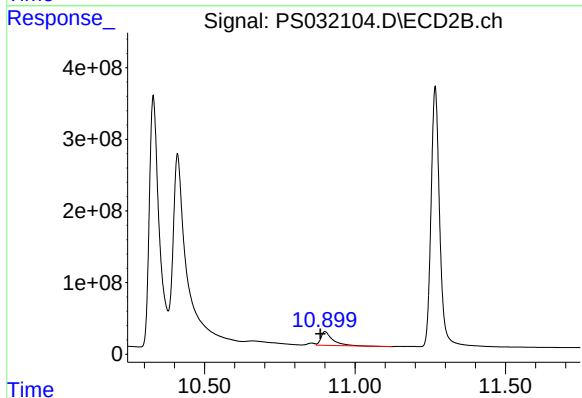
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: 0.014 min
Response: 1275376730
Conc: 411.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

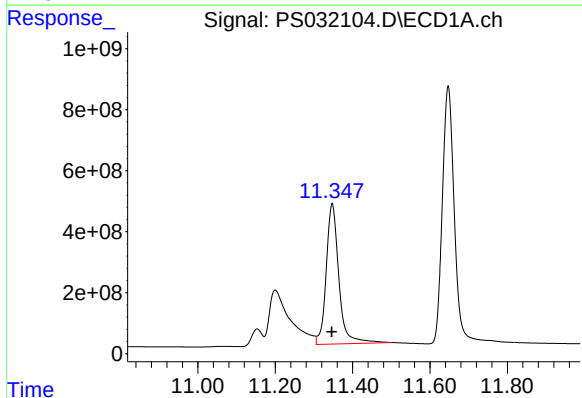
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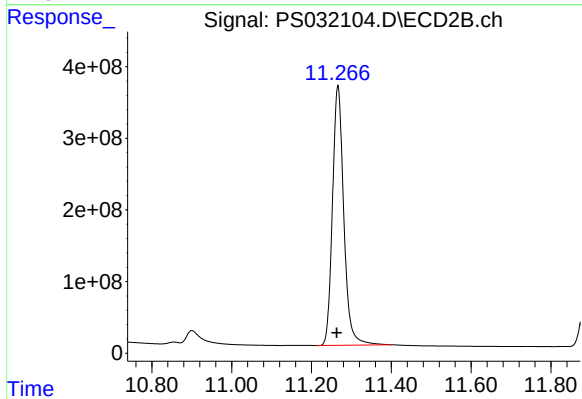
#13 2,4-DB

R.T.: 10.900 min
Delta R.T.: 0.015 min
Response: 514366360
Conc: 398.09 ng/ml



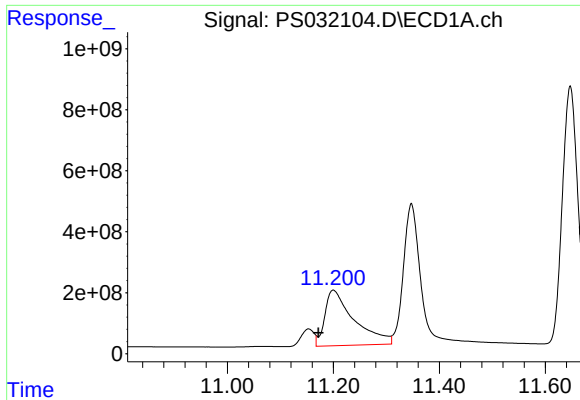
#14 DINOSEB

R.T.: 11.347 min
Delta R.T.: 0.001 min
Response: 10404545242
Conc: 466.55 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.003 min
Response: 7128093594
Conc: 468.86 ng/ml



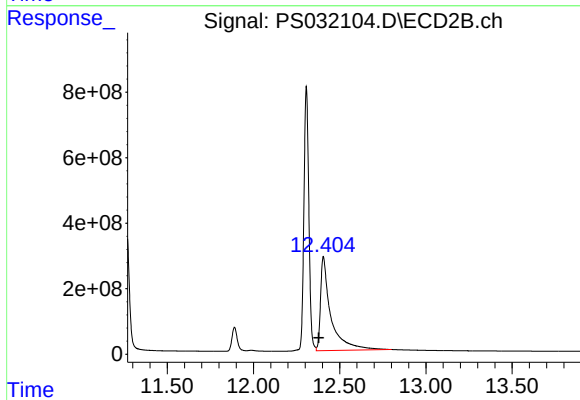
#15 Picloram

R.T.: 11.200 min
Delta R.T.: 0.028 min
Response: 6994482420
Conc: 296.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170177BS

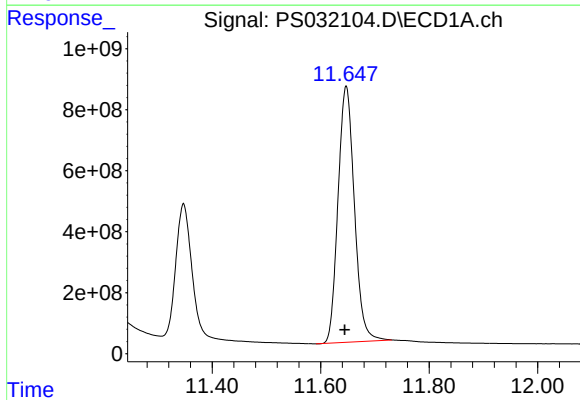
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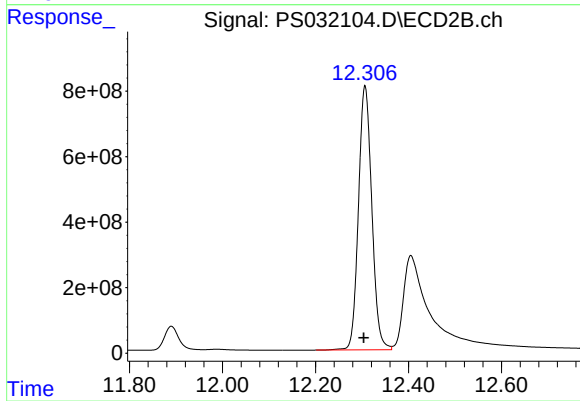
#15 Picloram

R.T.: 12.405 min
Delta R.T.: 0.026 min
Response: 11971960041
Conc: 359.60 ng/ml



#16 DCPA

R.T.: 11.647 min
Delta R.T.: 0.003 min
Response: 17564513453
Conc: 478.07 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.003 min
Response: 16052006073
Conc: 483.32 ng/ml