

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 19:28
 Operator : AR\AJ
 Sample : PB170098BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170098BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

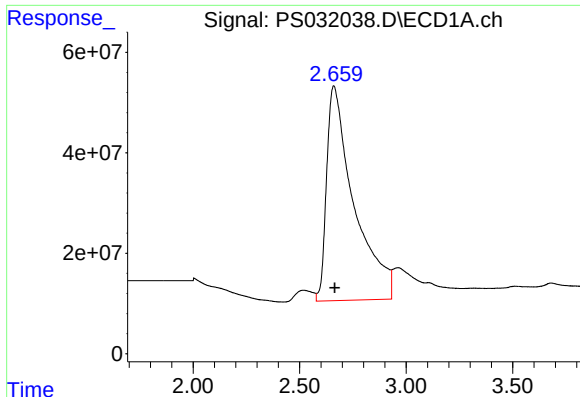
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:05:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.283	7.747	2737.7E6	607.7E6	574.294	552.266
Target Compounds							
1) T	Dalapon	2.659	2.687	3801.1E6	1873.9E6	491.894	498.616
2) T	3,5-DICHL...	6.450	6.699	3765.7E6	1088.4E6	534.987	521.795
3) T	4-Nitroph...	7.105	7.313f	762.9E6	703.7E6	571.617	463.776m
5) T	DICAMBA	7.465	7.940	11283.0E6	4525.0E6	538.766	522.469
6) T	MCPD	7.641	8.035	629.0E6	121.9E6	51.441	49.113
7) T	MCPA	7.789	8.282	771.4E6	195.4E6	52.417	51.809
8) T	DICHLORPROP	8.173	8.661	2511.0E6	1011.9E6	528.162	516.738
9) T	2,4-D	8.416	9.008	2695.2E6	1024.3E6	555.038	492.840
10) T	Pentachlo...	8.703	9.508	41970.5E6	29570.9E6	625.310	570.603
11) T	2,4,5-TP ...	9.281	9.894	15457.1E6	10764.0E6	547.307	536.191
12) T	2,4,5-T	9.582	10.326	14004.0E6	9037.4E6	554.742	527.129
13) T	2,4-DB	10.158	10.896	1324.0E6	625.0E6	427.053m	483.699
14) T	DINOSEB	11.347	11.265	12201.7E6	8154.5E6	547.138	536.371
15) T	Picloram	11.189	12.396	10989.5E6	16326.3E6	466.093	490.398
16) T	DCPA	11.646	12.306	20283.8E6	18054.5E6	552.087	543.620

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



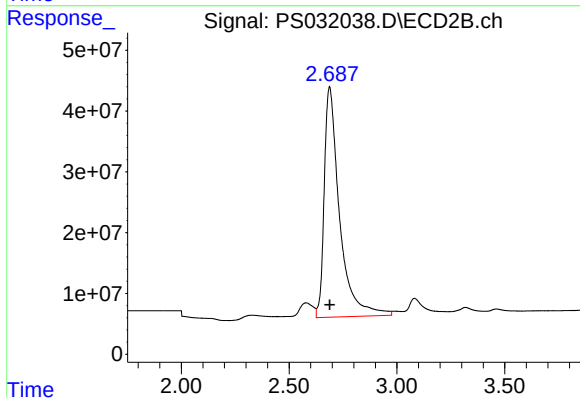
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.006 min
Response: 3801122549
Conc: 491.89 ng/ml

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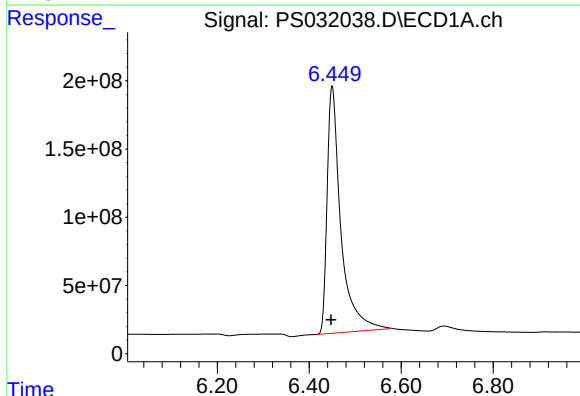
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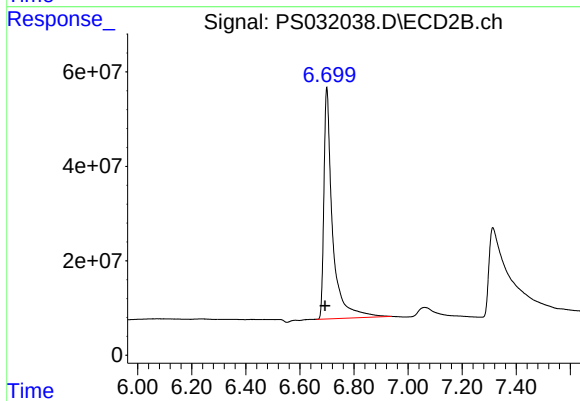
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 1873932569
Conc: 498.62 ng/ml



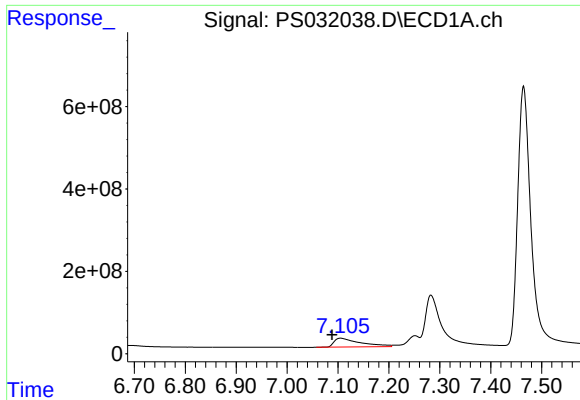
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 3765700000
Conc: 534.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 1088402345
Conc: 521.79 ng/ml



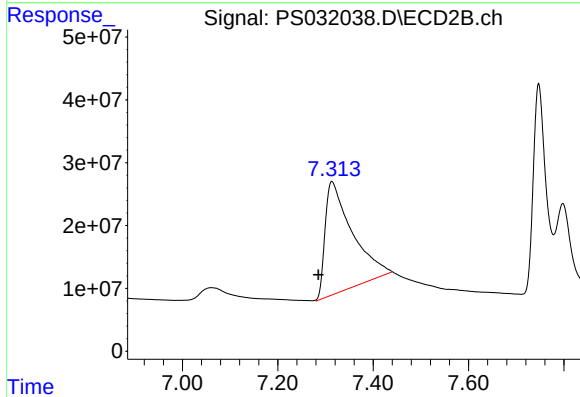
#3 4-Nitrophenol

R.T.: 7.105 min
Delta R.T.: 0.017 min
Response: 762928298
Conc: 571.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BS

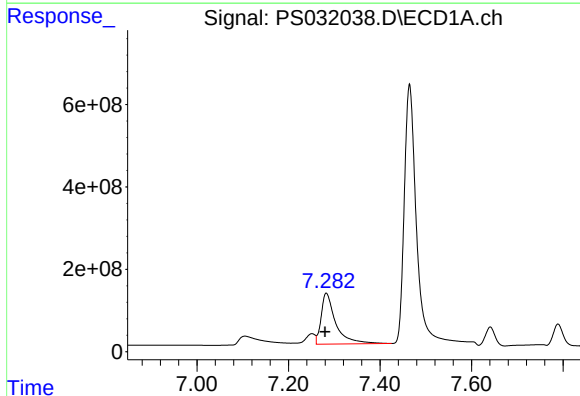
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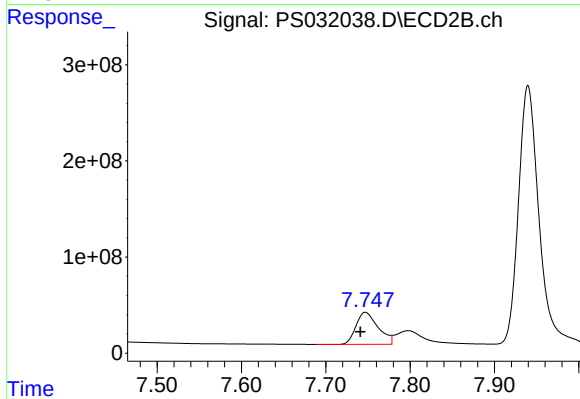
#3 4-Nitrophenol

R.T.: 7.313 min
Delta R.T.: 0.027 min
Response: 703739247
Conc: 463.78 ng/ml m



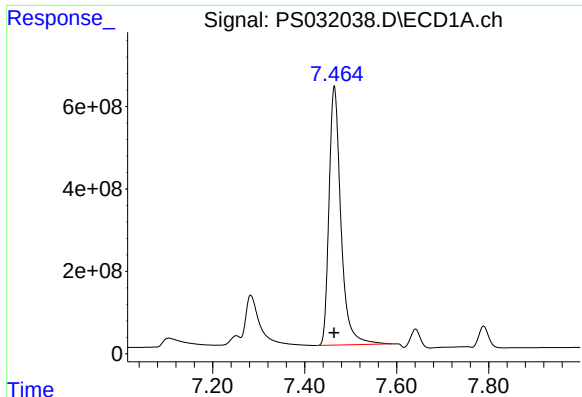
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 2737680583
Conc: 574.29 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.006 min
Response: 607681114
Conc: 552.27 ng/ml



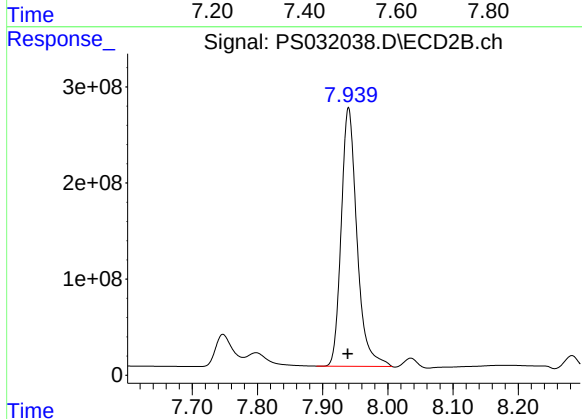
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 11283036376
Conc: 538.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
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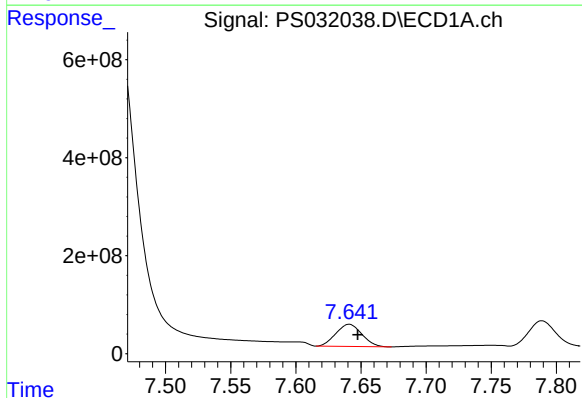
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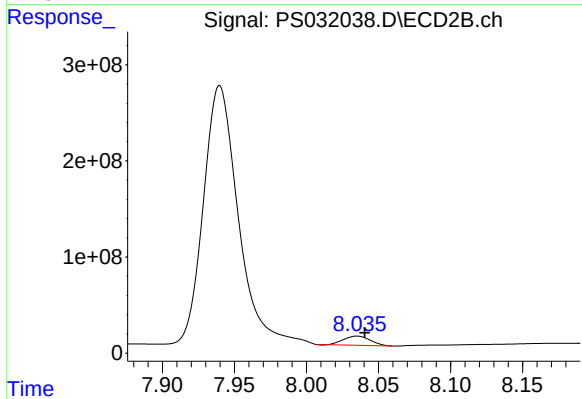
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 4525040614
Conc: 522.47 ng/ml



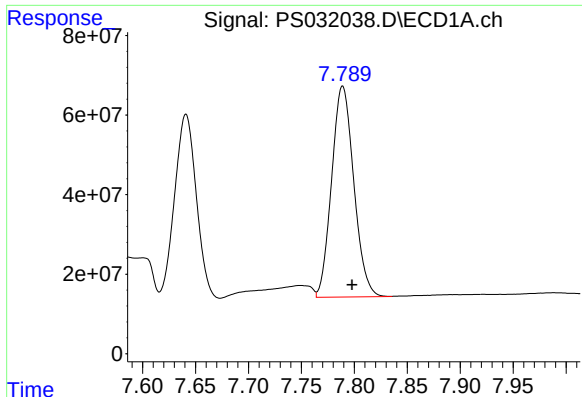
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 629048861
Conc: 51.44 ug/ml



#6 MCPP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 121912431
Conc: 49.11 ug/ml



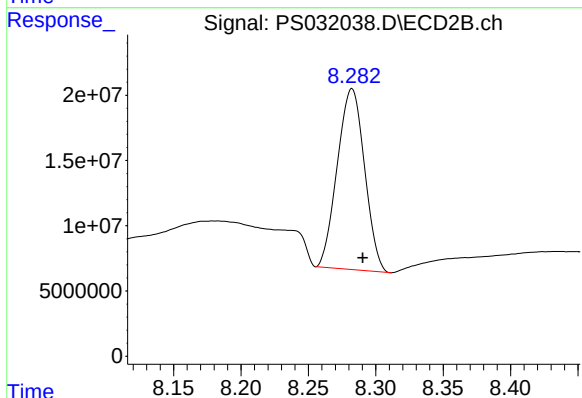
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.009 min
Response: 771381446
Conc: 52.42 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BS

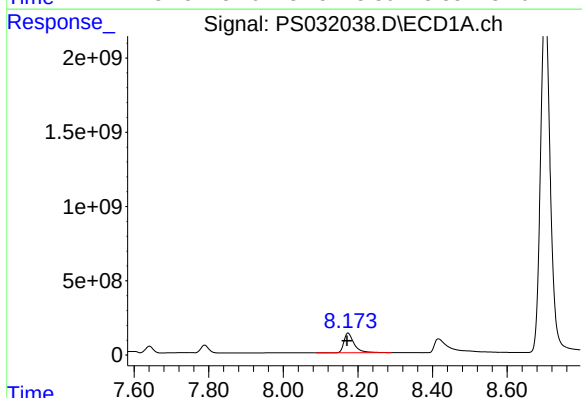
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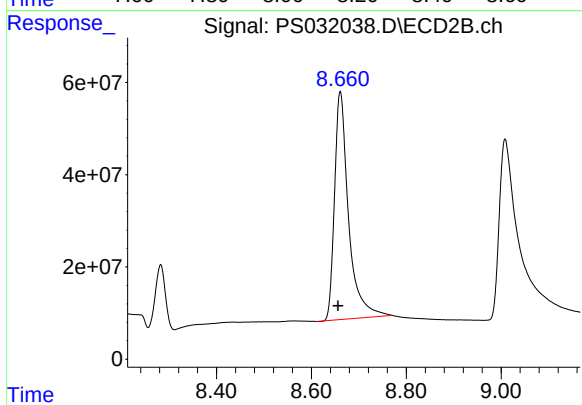
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 195440033
Conc: 51.81 ug/ml



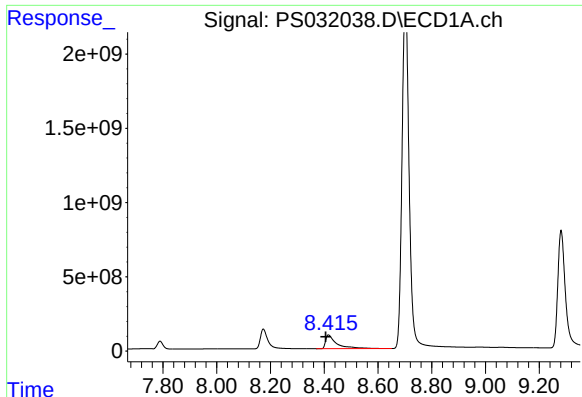
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.003 min
Response: 2510957638
Conc: 528.16 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 1011907061
Conc: 516.74 ng/ml



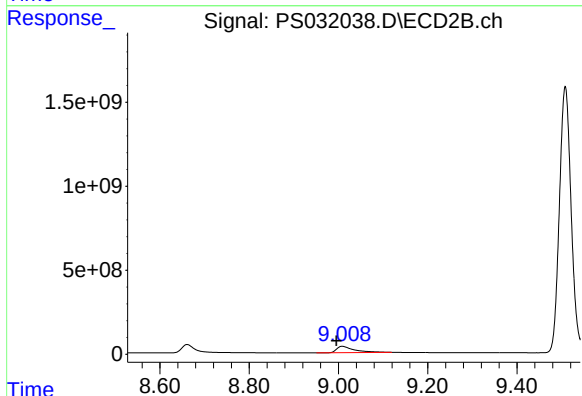
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.009 min
Response: 2695193963
Conc: 555.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BS

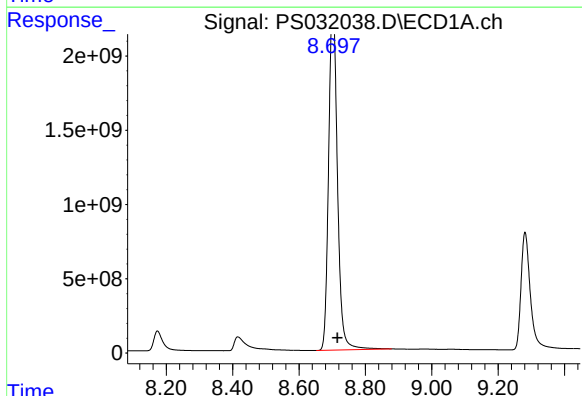
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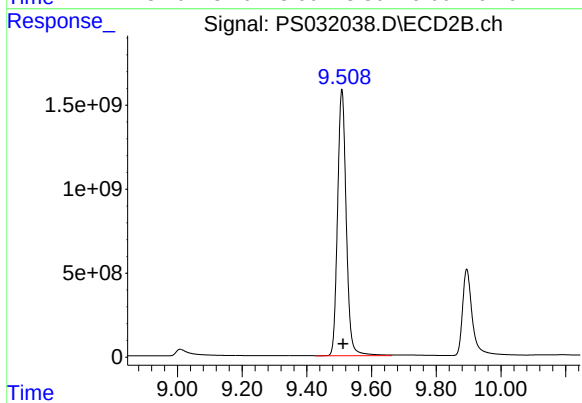
#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.013 min
Response: 1024267184
Conc: 492.84 ng/ml



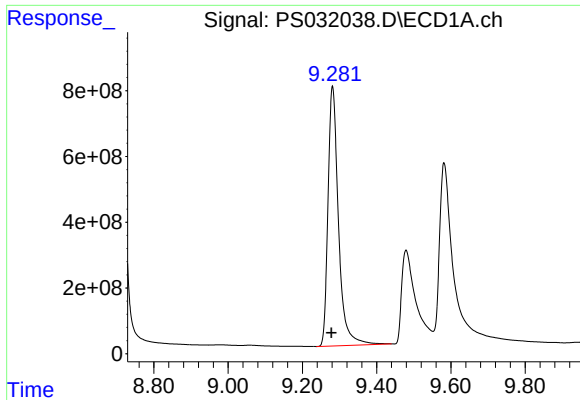
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.012 min
Response: 41970508227
Conc: 625.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 29570871433
Conc: 570.60 ng/ml



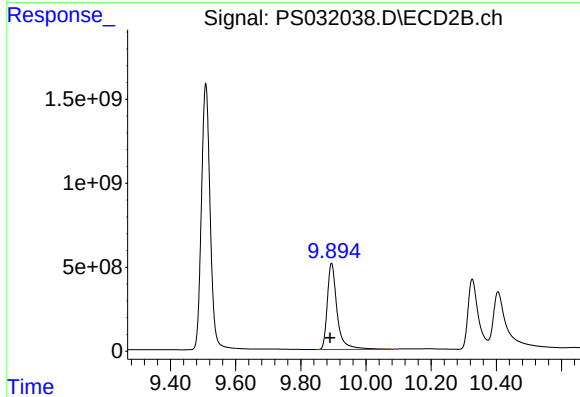
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: 0.003 min
Response: 15457064885
Conc: 547.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BS

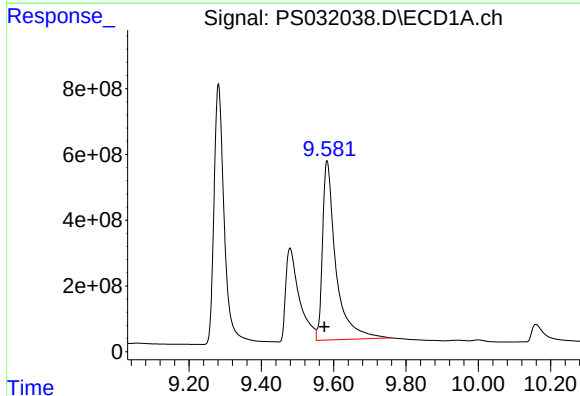
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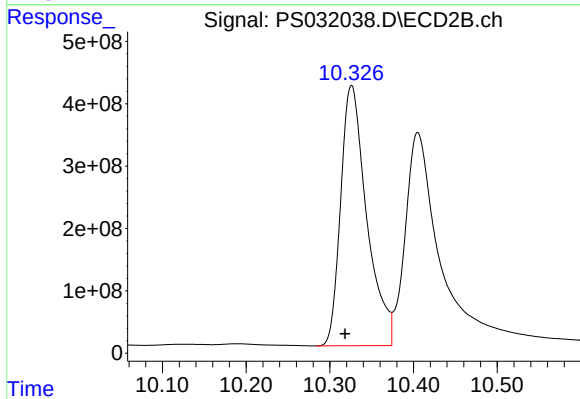
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.004 min
Response: 10763953678
Conc: 536.19 ng/ml



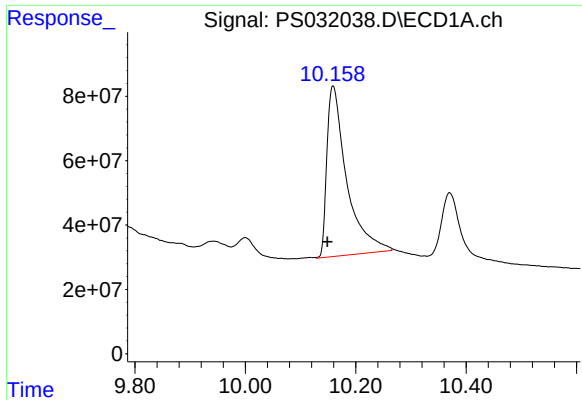
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.007 min
Response: 14004044597
Conc: 554.74 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 9037449662
Conc: 527.13 ng/ml



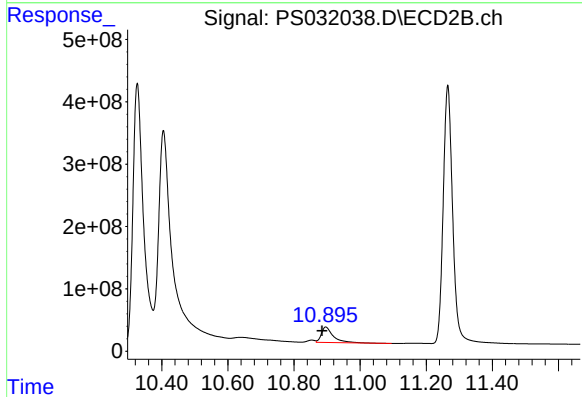
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.009 min
Response: 1323999209
Conc: 427.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BS

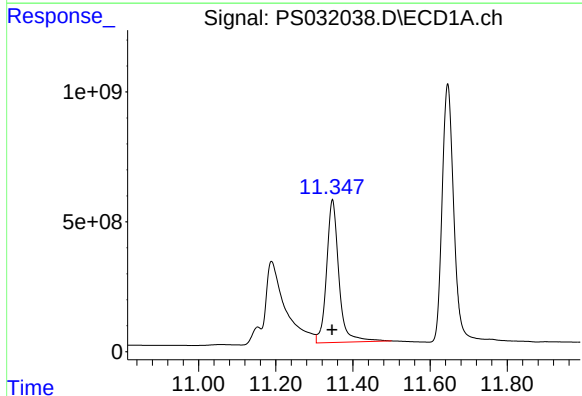
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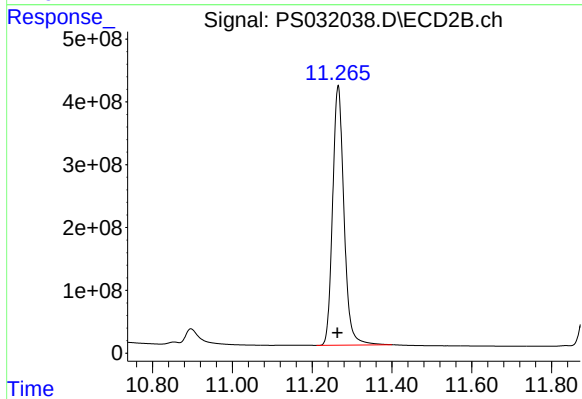
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: 0.011 min
Response: 624983189
Conc: 483.70 ng/ml



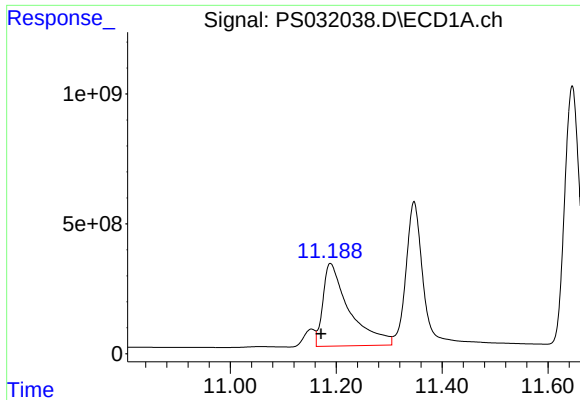
#14 DINOSEB

R.T.: 11.347 min
Delta R.T.: 0.000 min
Response: 12201657369
Conc: 547.14 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 8154489748
Conc: 536.37 ng/ml



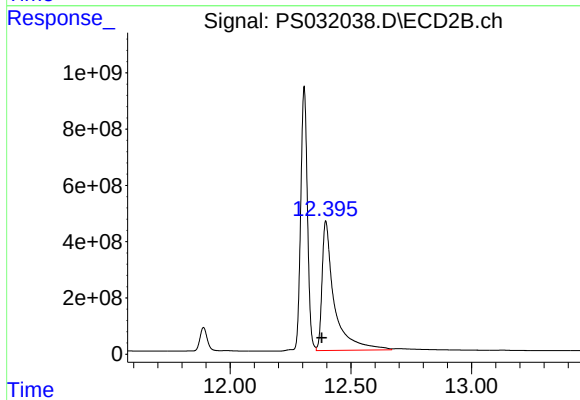
#15 Picloram

R.T.: 11.189 min
Delta R.T.: 0.017 min
Response: 10989488134
Conc: 466.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BS

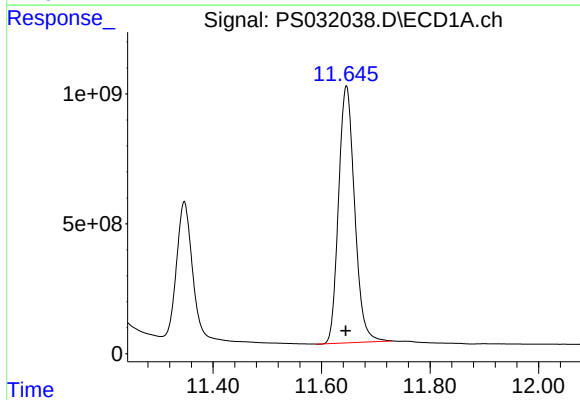
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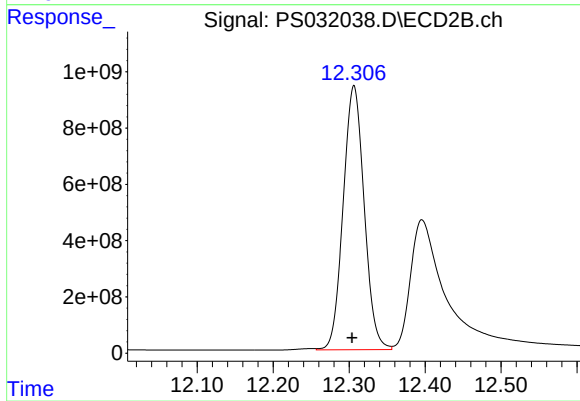
#15 Picloram

R.T.: 12.396 min
Delta R.T.: 0.017 min
Response: 16326324459
Conc: 490.40 ng/ml



#16 DCPA

R.T.: 11.646 min
Delta R.T.: 0.001 min
Response: 20283798564
Conc: 552.09 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.002 min
Response: 18054505781
Conc: 543.62 ng/ml