

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 10:55
 Operator : AR\AJ
 Sample : PB170220BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170220BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:37:39 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	2408.6E6	555.2E6	505.260	504.603
Target Compounds							
1) T	Dalapon	2.662	2.688	3387.4E6	1726.6E6	438.355	459.402
2) T	3,5-DICHL...	6.449	6.701	3325.1E6	969.3E6	472.385	464.719
3) T	4-Nitroph...	7.107	7.318f	522.4E6	631.9E6	391.424	416.420
5) T	DICAMBA	7.463	7.940	10324.4E6	4032.3E6	492.989	465.576
6) T	MCPD	7.639	8.034	528.3E6	106.2E6	43.200	42.779
7) T	MCPA	7.788	8.281	652.6E6	169.1E6	44.343	44.834
8) T	DICHLORPROP	8.172	8.660	2204.3E6	918.3E6	463.668	468.920
9) T	2,4-D	8.415	9.008	2323.1E6	941.2E6	478.402	452.878
10) T	Pentachlo...	8.700	9.508	37287.0E6	26534.4E6	555.531	512.011
11) T	2,4,5-TP ...	9.278	9.894	13463.9E6	9588.6E6	476.733	477.642
12) T	2,4,5-T	9.580	10.326	12176.3E6	8080.6E6	482.337	471.318
13) T	2,4-DB	10.157	10.896	1467.7E6	565.2E6	473.410	437.457
14) T	DINOSEB	11.343	11.264	10292.4E6	6995.0E6	461.525	460.106
15) T	Picloram	11.188	12.397	9996.7E6	13377.4E6	423.988m	401.821
16) T	DCPA	11.642	12.305	17728.7E6	15971.7E6	482.542	480.907

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

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Sample : PB170220BS
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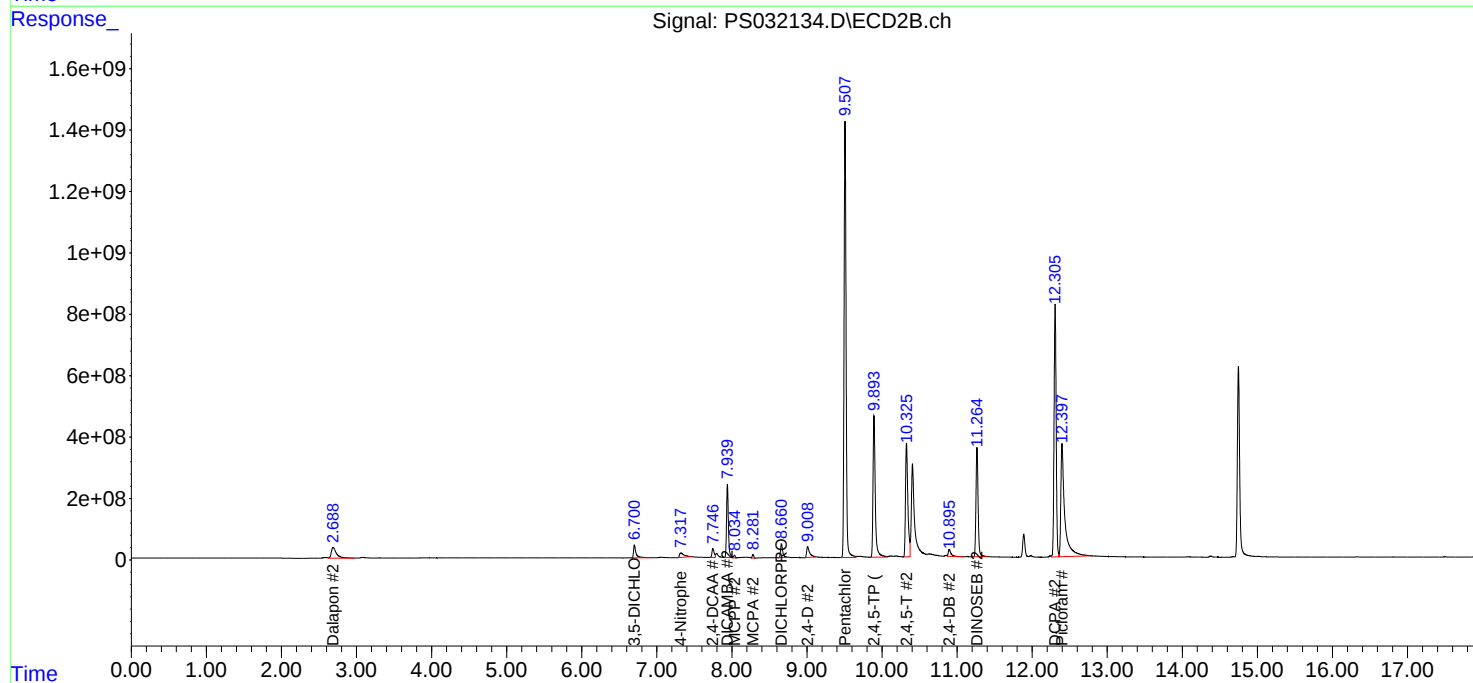
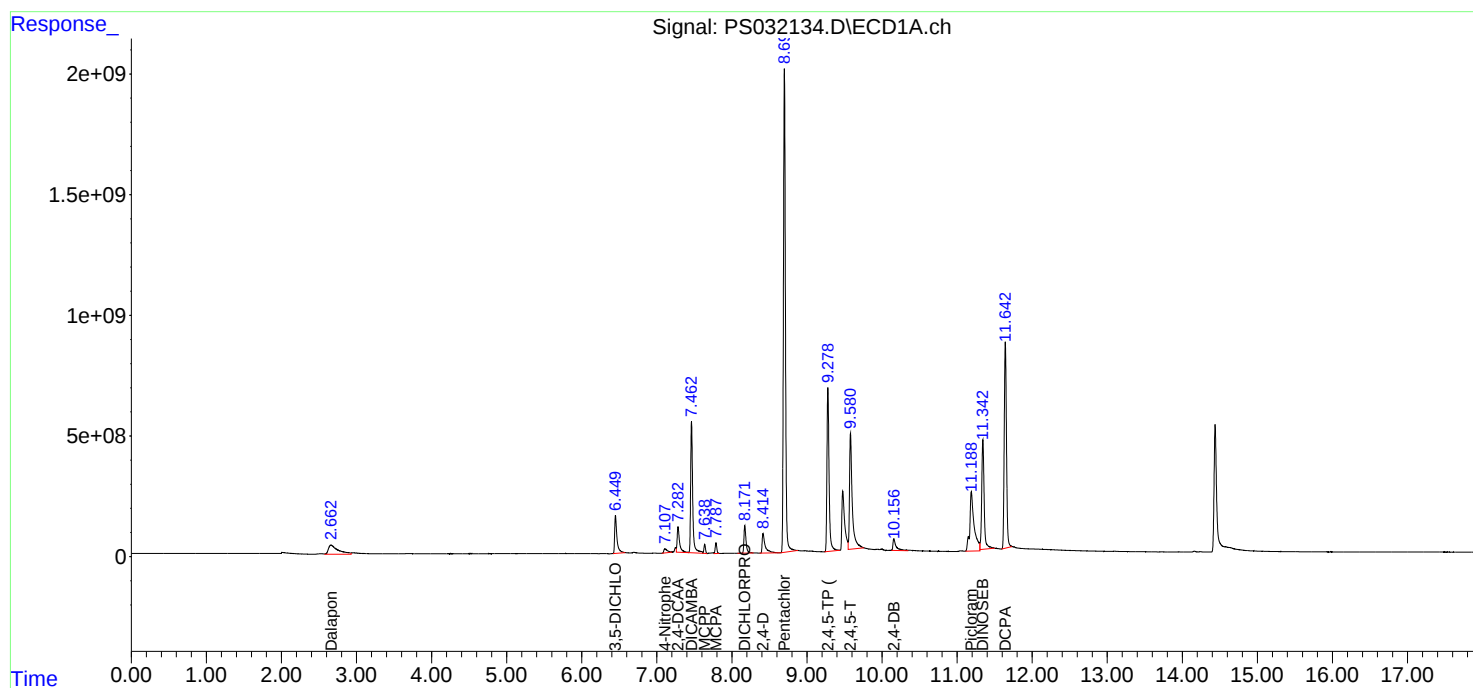
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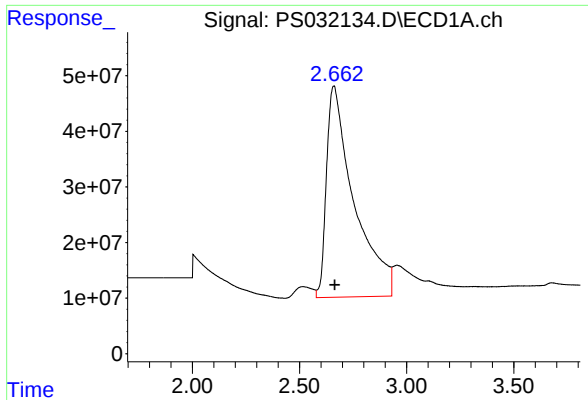
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#1 Dalapon

R.T.: 2.662 min
Delta R.T.: -0.003 min
Response: 3387399789
Conc: 438.35 ng/ml

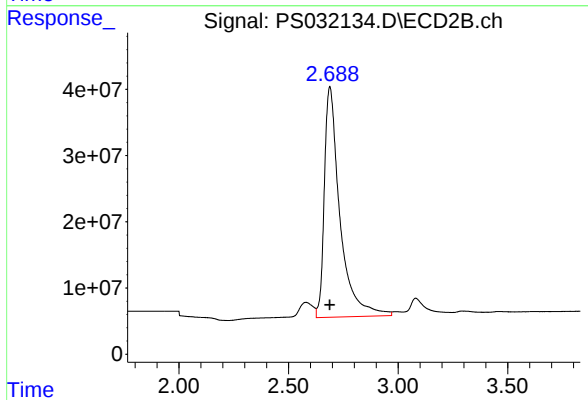
Instrument :

ECD_S

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PB170220BS

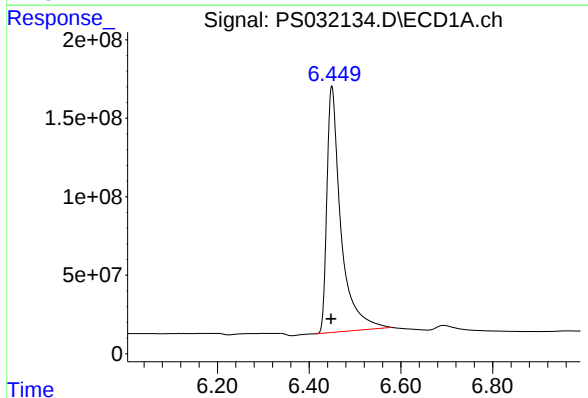
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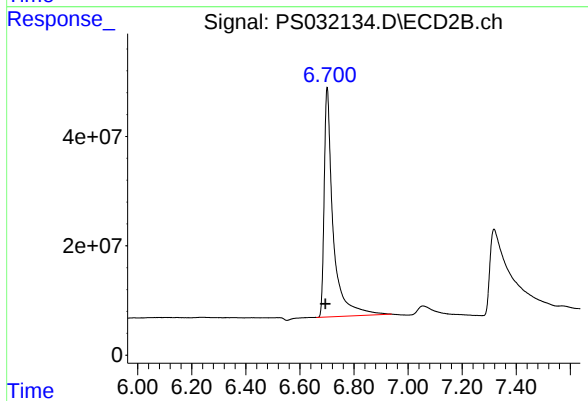
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 1726555417
Conc: 459.40 ng/ml



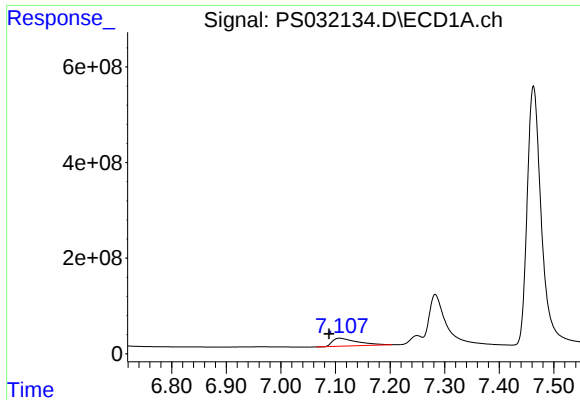
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 3325052630
Conc: 472.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.007 min
Response: 969349593
Conc: 464.72 ng/ml



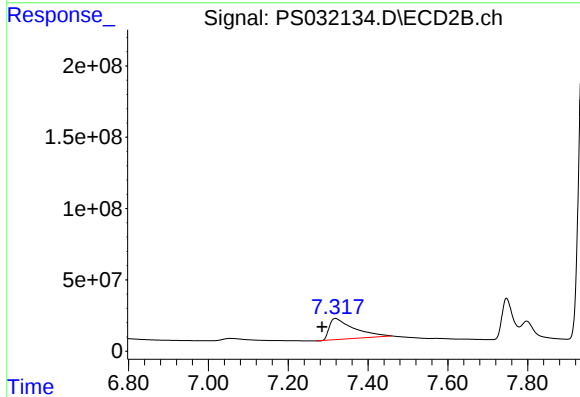
#3 4-Nitrophenol

R.T.: 7.107 min
Delta R.T.: 0.019 min
Response: 522427479
Conc: 391.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170220BS

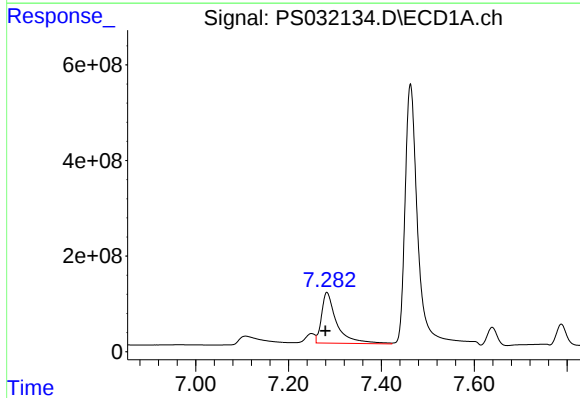
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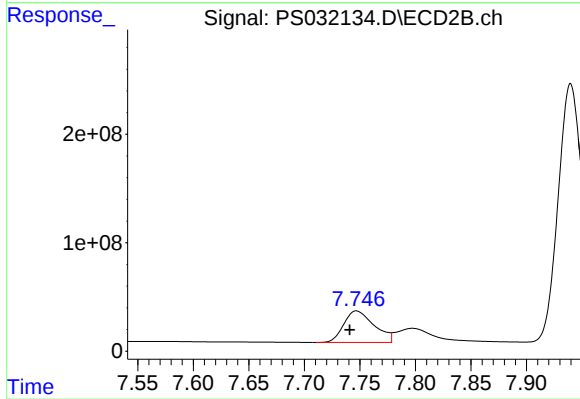
#3 4-Nitrophenol

R.T.: 7.318 min
Delta R.T.: 0.033 min
Response: 631880276
Conc: 416.42 ng/ml



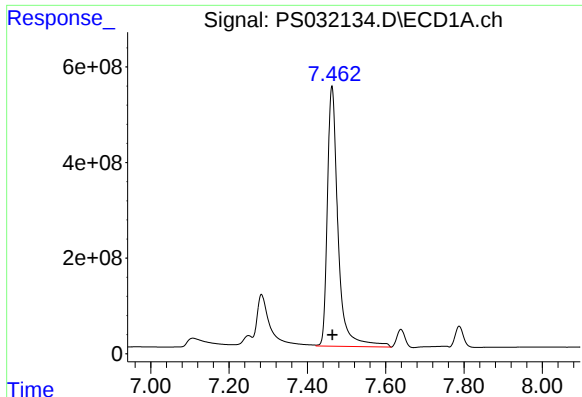
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 2408590506
Conc: 505.26 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.006 min
Response: 555234639
Conc: 504.60 ng/ml



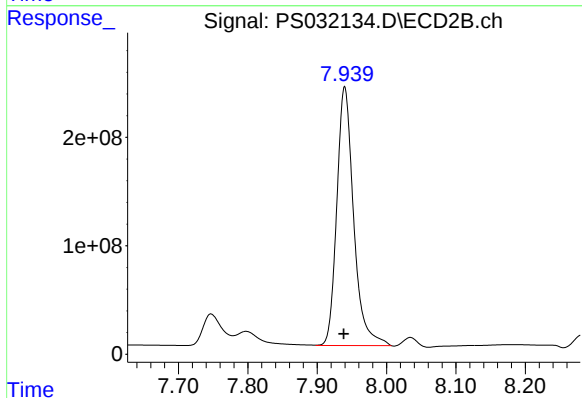
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 10324360637
Conc: 492.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170220BS

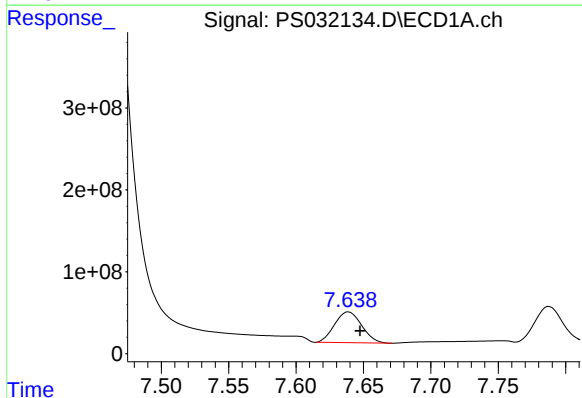
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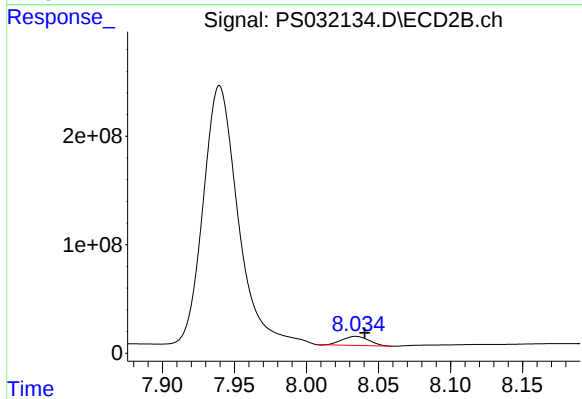
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 4032297722
Conc: 465.58 ng/ml



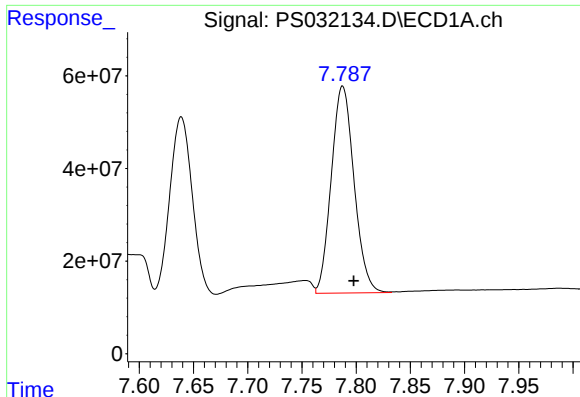
#6 MCP

R.T.: 7.639 min
Delta R.T.: -0.009 min
Response: 528275824
Conc: 43.20 ug/ml



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 106189242
Conc: 42.78 ug/ml



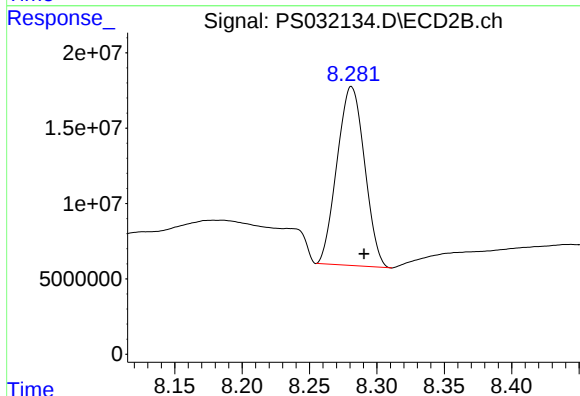
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 652563091
Conc: 44.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170220BS

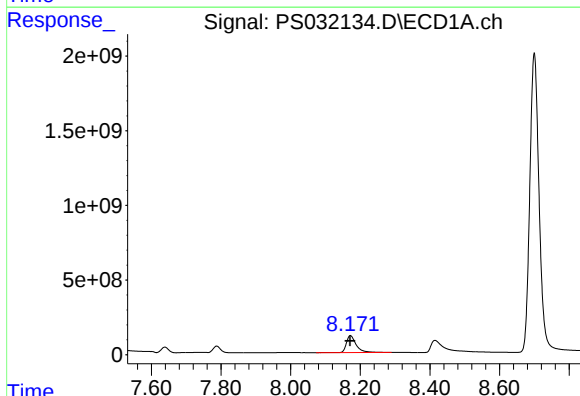
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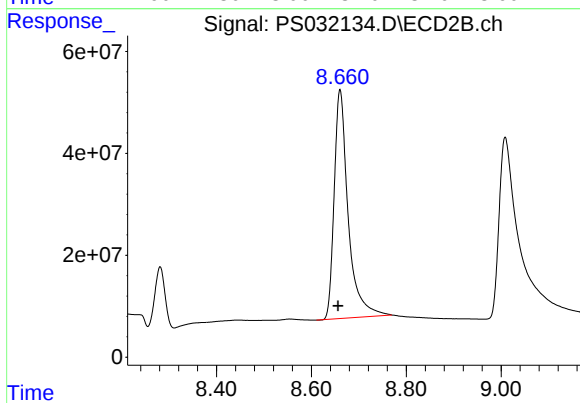
#7 MCPA

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 169130041
Conc: 44.83 ug/ml



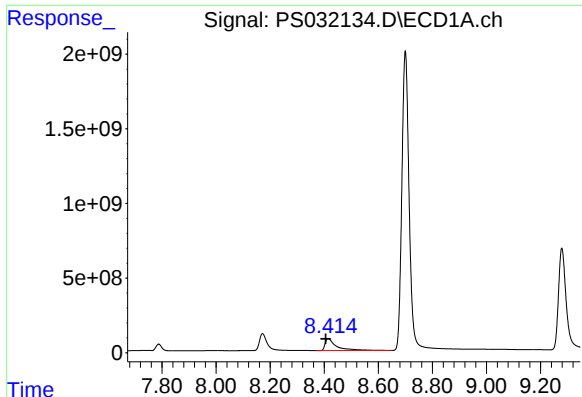
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 2204346448
Conc: 463.67 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 918268191
Conc: 468.92 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.008 min
Response: 2323059318
Conc: 478.40 ng/ml

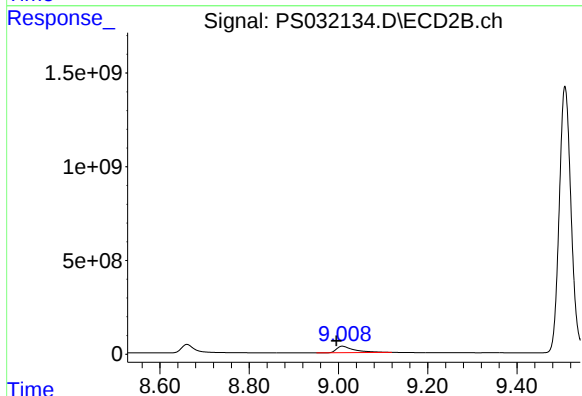
Instrument :

ECD_S

ClientSampleId :
PB170220BS

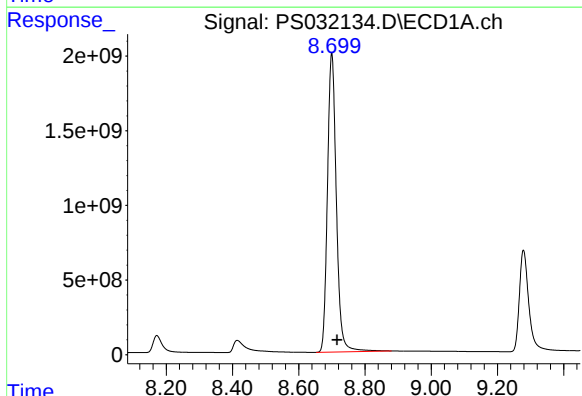
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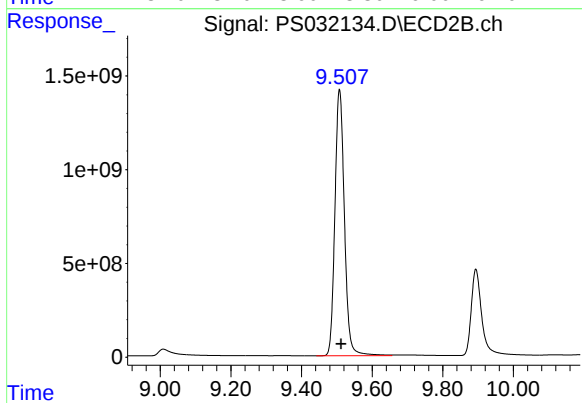
#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.013 min
Response: 941216268
Conc: 452.88 ng/ml



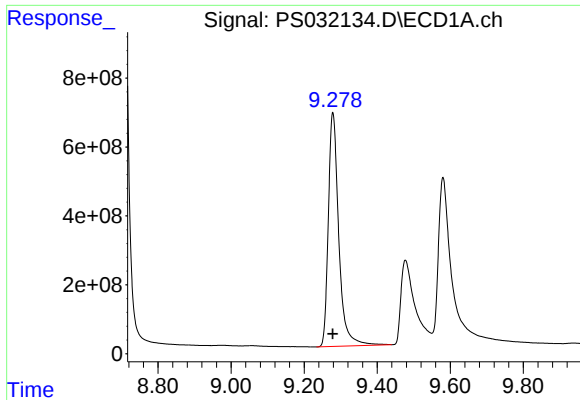
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.016 min
Response: 37286975309
Conc: 555.53 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.005 min
Response: 26534385150
Conc: 512.01 ng/ml



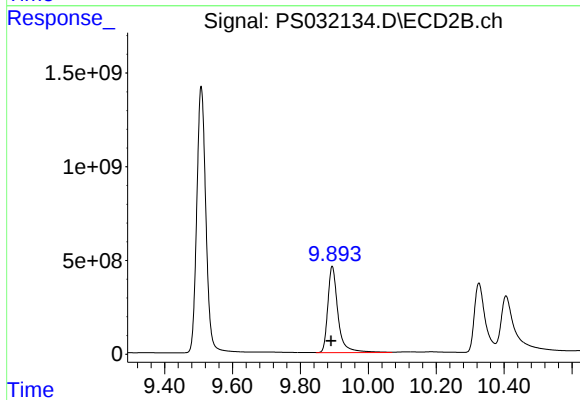
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 13463915290
Conc: 476.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
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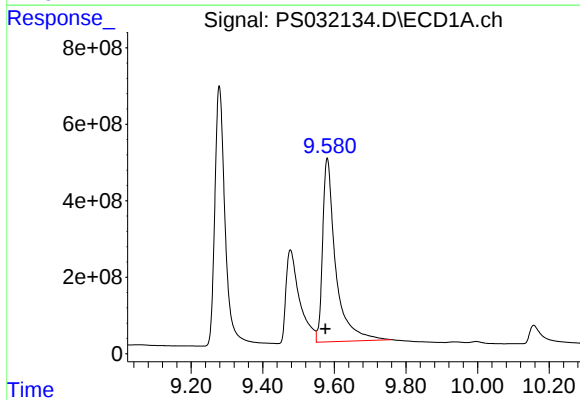
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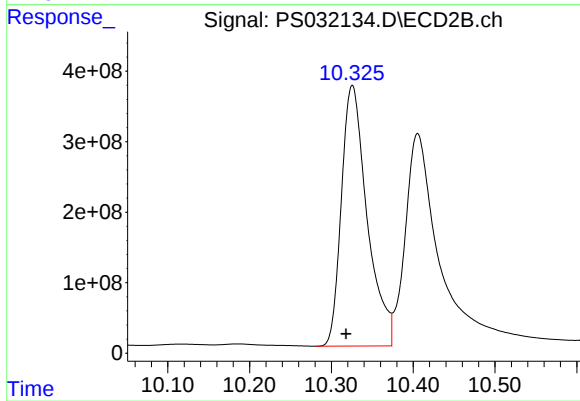
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.003 min
Response: 9588604773
Conc: 477.64 ng/ml



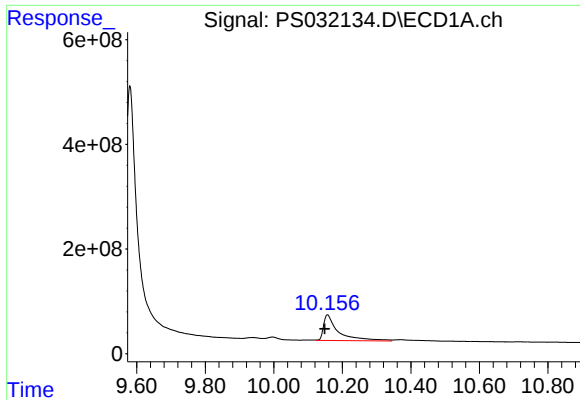
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.006 min
Response: 12176253635
Conc: 482.34 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 8080601898
Conc: 471.32 ng/ml



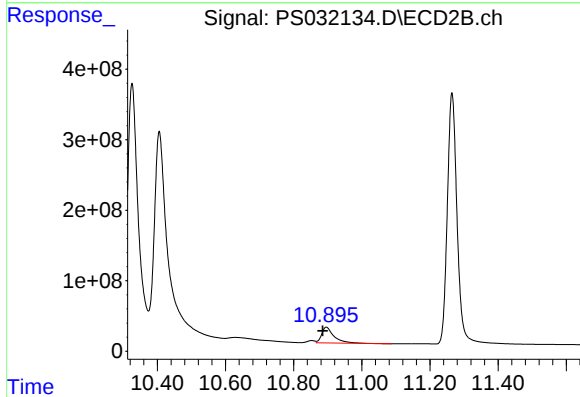
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.008 min
Response: 1467722736
Conc: 473.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170220BS

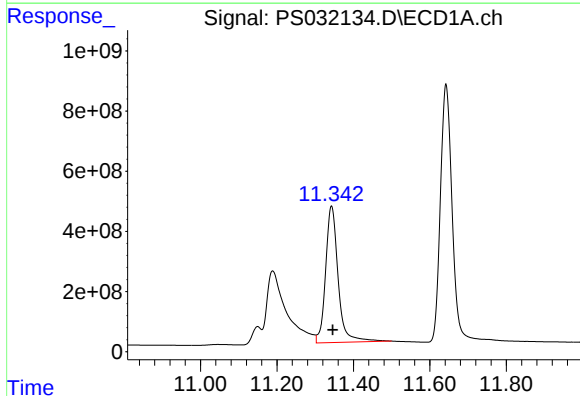
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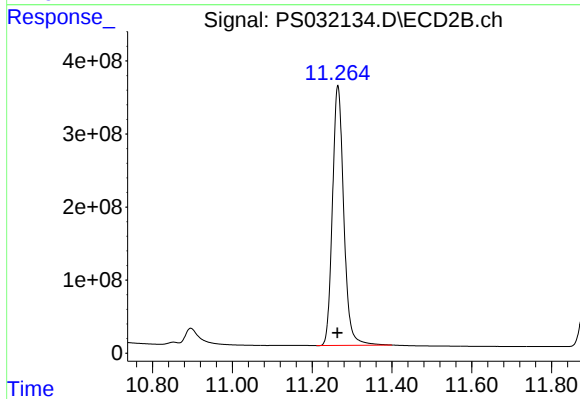
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: 0.010 min
Response: 565234233
Conc: 437.46 ng/ml



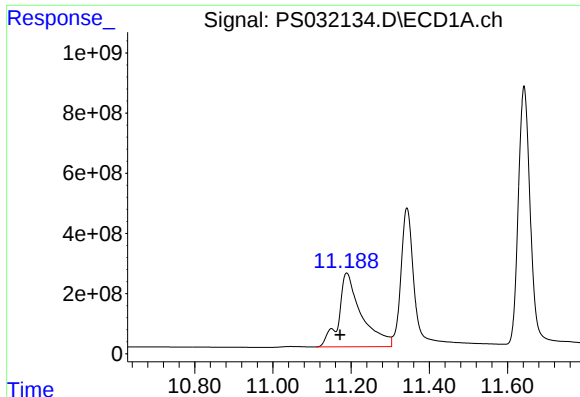
#14 DINOSEB

R.T.: 11.343 min
Delta R.T.: -0.003 min
Response: 10292397963
Conc: 461.52 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.002 min
Response: 6995032016
Conc: 460.11 ng/ml



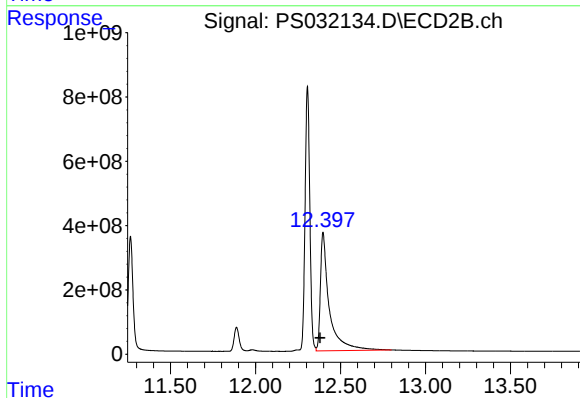
#15 Picloram

R.T.: 11.188 min
Delta R.T.: 0.017 min
Response: 9996742554
Conc: 423.99 ng/ml

Instrument :
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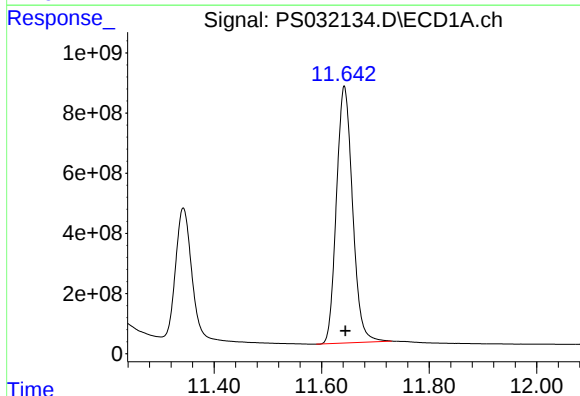
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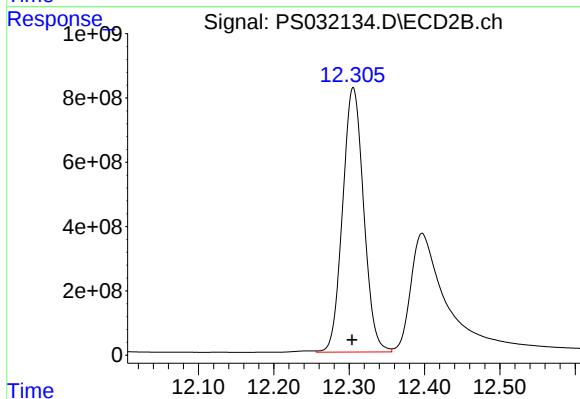
#15 Picloram

R.T.: 12.397 min
Delta R.T.: 0.018 min
Response: 13377434804
Conc: 401.82 ng/ml



#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 17728711180
Conc: 482.54 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 15971705690
Conc: 480.91 ng/ml