

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS010225\
 Data File : PS028870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jan 2025 16:03
 Operator : AR\AJ
 Sample : PB165936BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB165936BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/03/2025
 Supervised By : Ankita Jodhani 01/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 02 21:46:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS122324.M
 Quant Title : 8080.M
 QLast Update : Mon Dec 23 13:44:25 2024
 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	7.206	7.688	1356.1E6	585.6E6	599.519	520.328
Target Compounds							
1) T	Dalapon	2.621	2.673	1477.0E6	933.0E6	524.379	473.965
2) T	3,5-DICHL...	6.382	6.651	1871.6E6	804.8E6	567.981	485.537
3) T	4-Nitroph...	7.005	7.217	814.0E6	404.1E6	541.955	482.836
5) T	DICAMBA	7.392	7.885	5627.8E6	2706.4E6	570.736	492.988
6) T	MCPD	7.573	7.987	328.4E6	153.0E6	52.729	46.828
7) T	MCPA	7.721	8.229	453.0E6	215.7E6	51.686	46.561
8) T	DICHLORPROP	8.097	8.597	1520.7E6	680.8E6	573.166	493.491
9) T	2,4-D	8.327	8.925	1552.6E6	709.3E6	544.855	491.486m
10) T	Pentachlo...	8.624	9.449	23507.9E6	11326.9E6	601.733	519.615
11) T	2,4,5-TP ...	9.200	9.826	9155.9E6	4578.8E6	582.833	509.690
12) T	2,4,5-T	9.492	10.243	9408.8E6	4376.8E6	578.323	502.553
13) T	2,4-DB	10.062	10.808	1707.1E6	472.8E6	546.856	486.911
14) T	DINOSEB	11.268	11.186	7733.2E6	3036.9E6	575.313	493.074
15) T	Picloram	11.077	12.272	14711.8E6	6115.4E6	548.685	476.311
16) T	DCPA	11.562	12.225	14065.2E6	5583.5E6	584.806m	519.659m

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

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Misc :
ALS Vial : 5 Sample Multiplier: 1

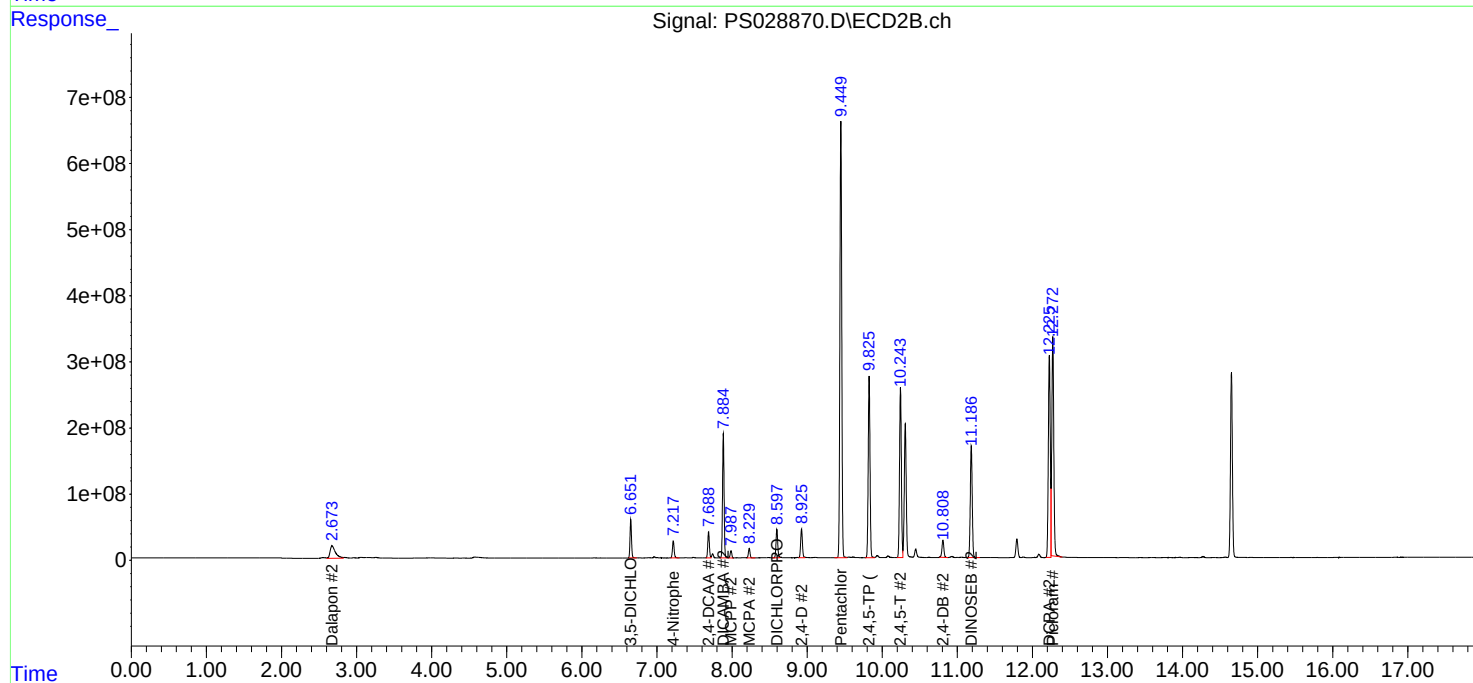
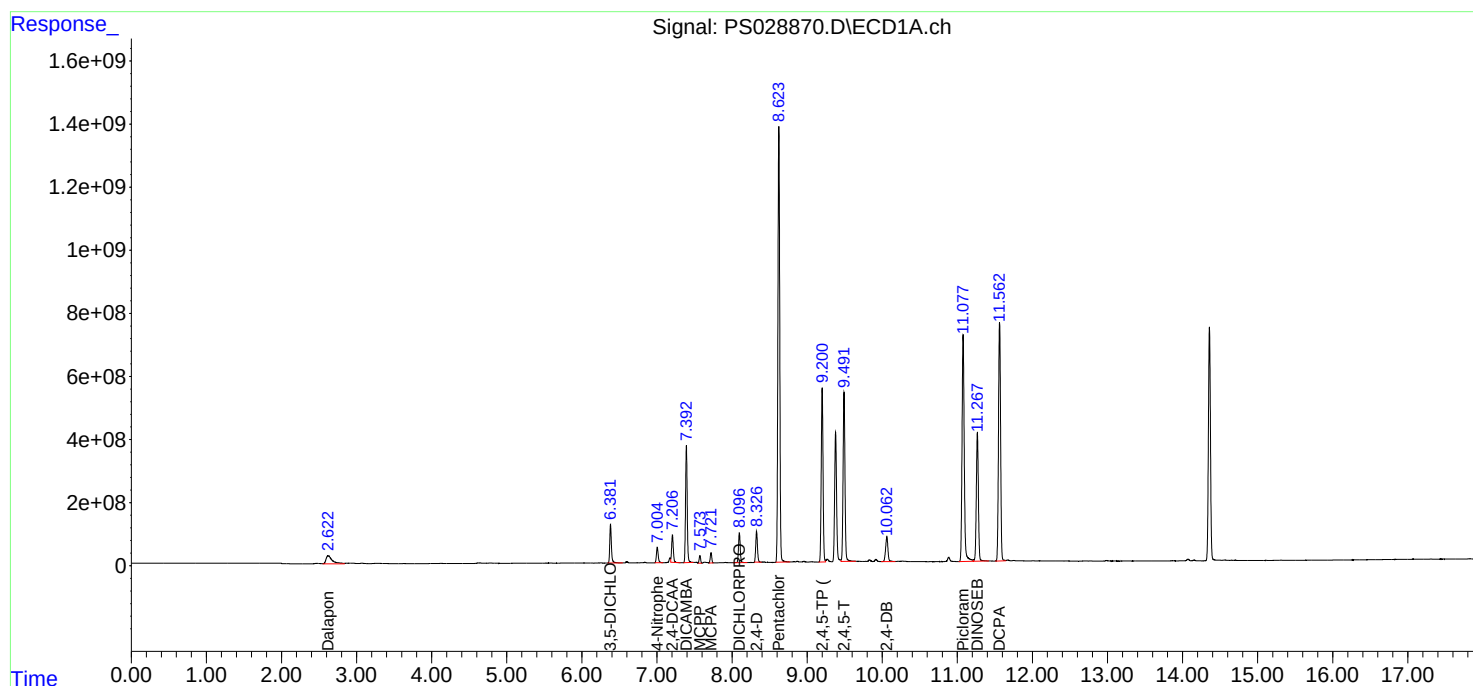
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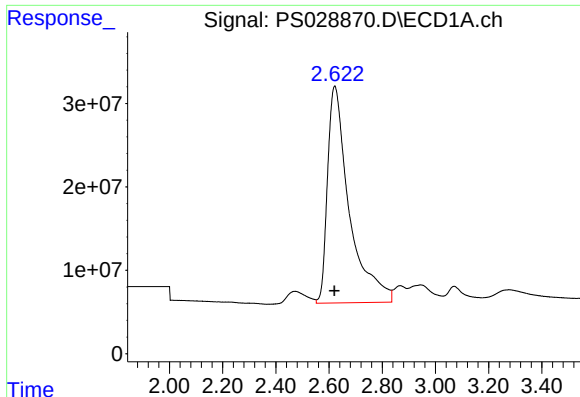
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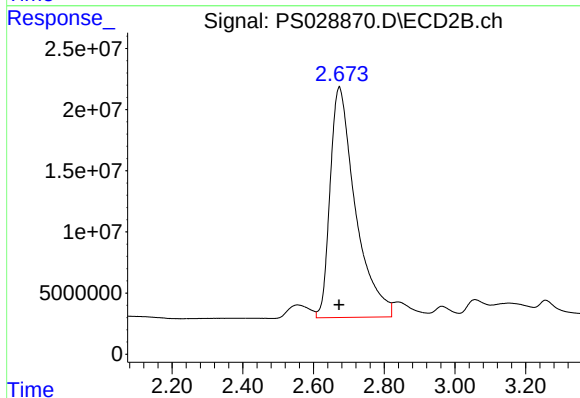
#1 Dalapon

R.T.: 2.621 min
Delta R.T.: 0.001 min
Response: 1476991702
Conc: 524.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165936BS

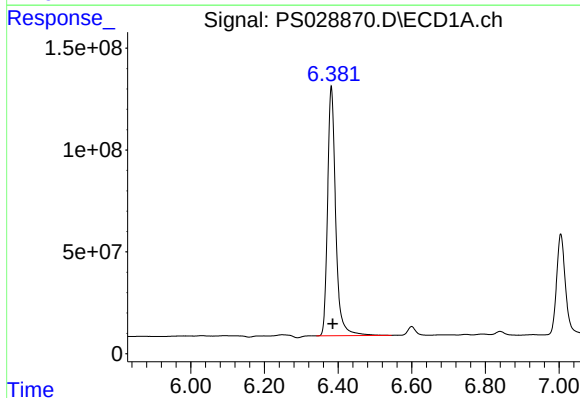
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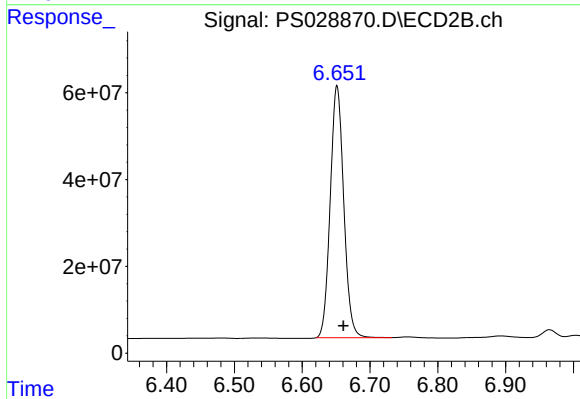
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.000 min
Response: 933048676
Conc: 473.97 ng/ml



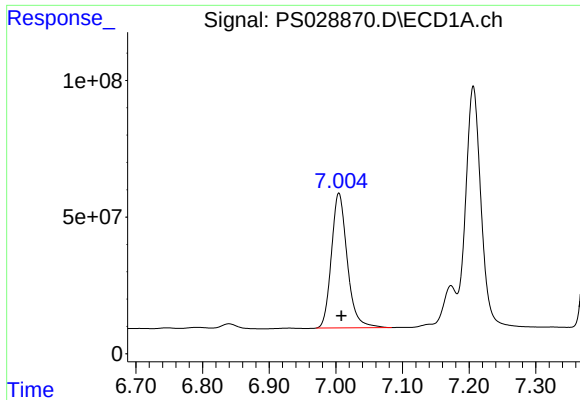
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 1871572185
Conc: 567.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.651 min
Delta R.T.: -0.009 min
Response: 804813292
Conc: 485.54 ng/ml



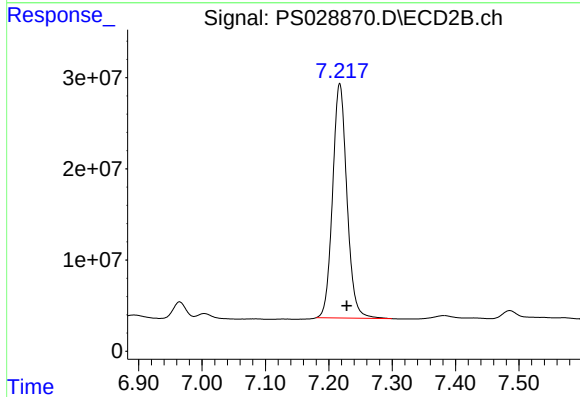
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 814048264
Conc: 541.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165936BS

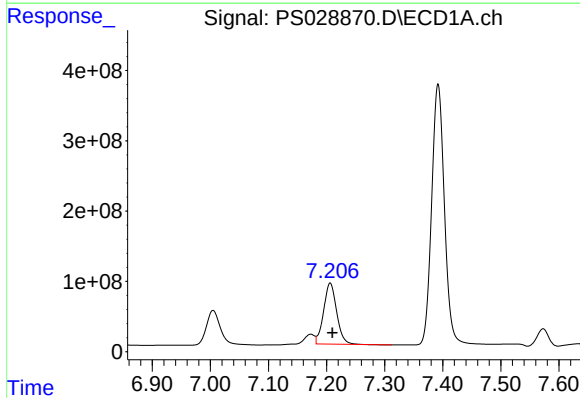
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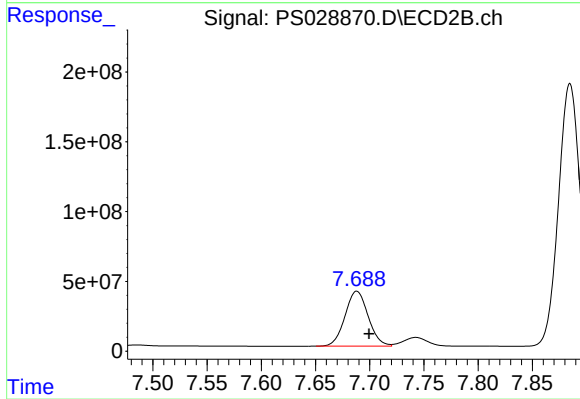
#3 4-Nitrophenol

R.T.: 7.217 min
Delta R.T.: -0.011 min
Response: 404082152
Conc: 482.84 ng/ml



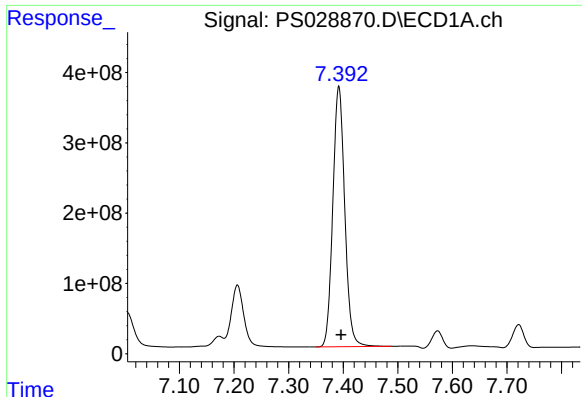
#4 2,4-DCAA

R.T.: 7.206 min
Delta R.T.: -0.004 min
Response: 1356126980
Conc: 599.52 ng/ml



#4 2,4-DCAA

R.T.: 7.688 min
Delta R.T.: -0.011 min
Response: 585648828
Conc: 520.33 ng/ml



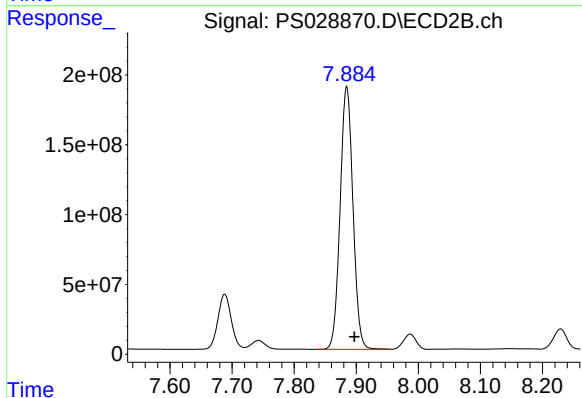
#5 DICAMBA

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 5627820307
Conc: 570.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165936BS

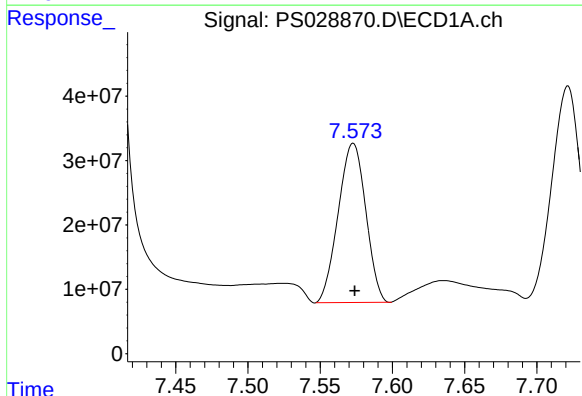
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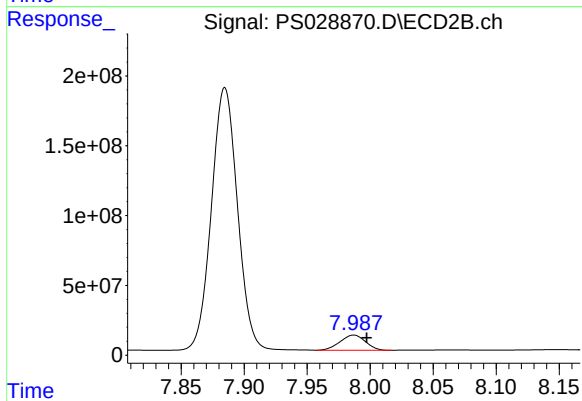
#5 DICAMBA

R.T.: 7.885 min
Delta R.T.: -0.013 min
Response: 2706442117
Conc: 492.99 ng/ml



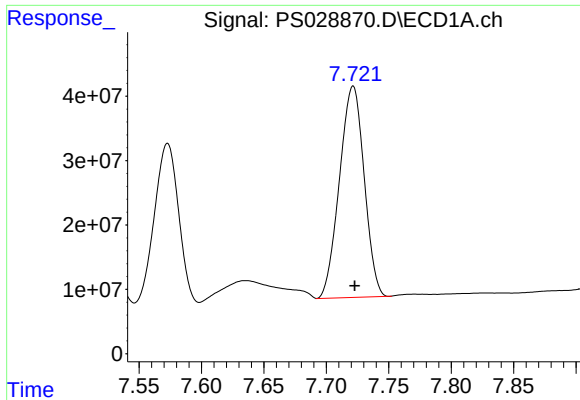
#6 MCPP

R.T.: 7.573 min
Delta R.T.: -0.001 min
Response: 328354692
Conc: 52.73 ug/ml



#6 MCPP

R.T.: 7.987 min
Delta R.T.: -0.010 min
Response: 153024208
Conc: 46.83 ug/ml



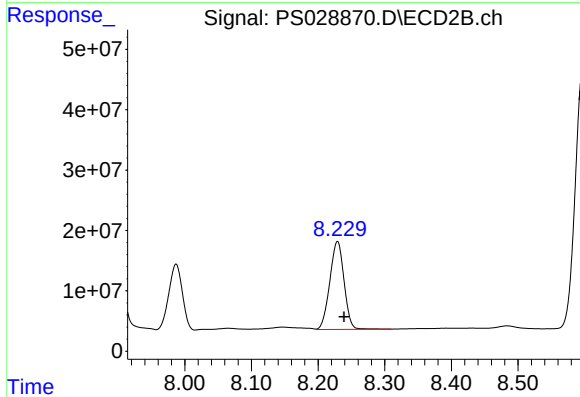
#7 MCPA

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 453049508
Conc: 51.69 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB165936BS

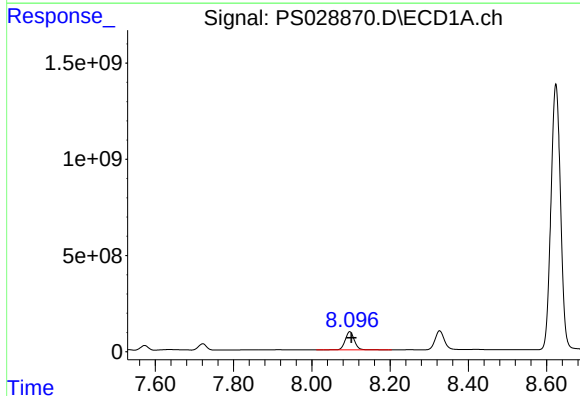
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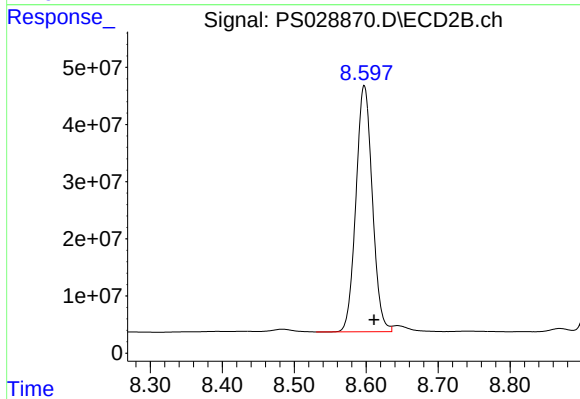
#7 MCPA

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 215710790
Conc: 46.56 ug/ml



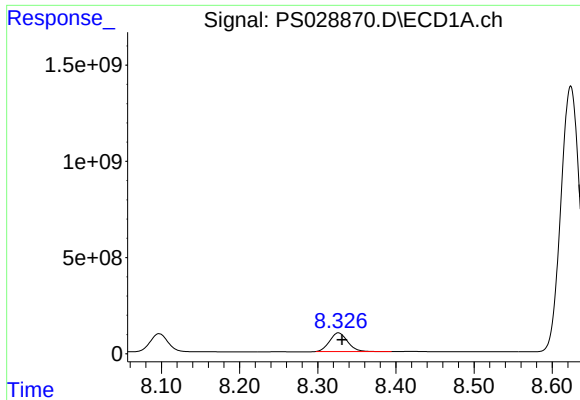
#8 DICHLORPROP

R.T.: 8.097 min
Delta R.T.: -0.004 min
Response: 1520711322
Conc: 573.17 ng/ml



#8 DICHLORPROP

R.T.: 8.597 min
Delta R.T.: -0.014 min
Response: 680849334
Conc: 493.49 ng/ml



#9 2,4-D

R.T.: 8.327 min
Delta R.T.: -0.005 min
Response: 1552583898
Conc: 544.86 ng/ml

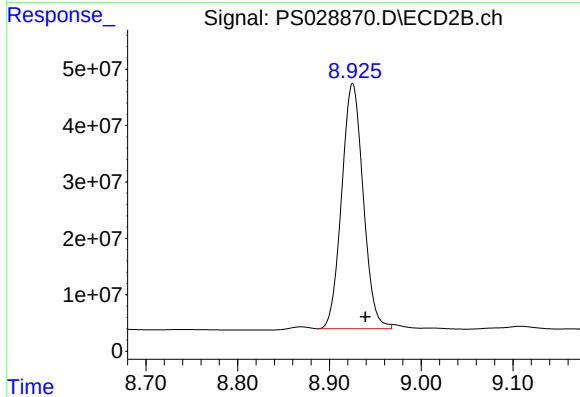
Instrument :

ECD_S

ClientSampleId :
PB165936BS

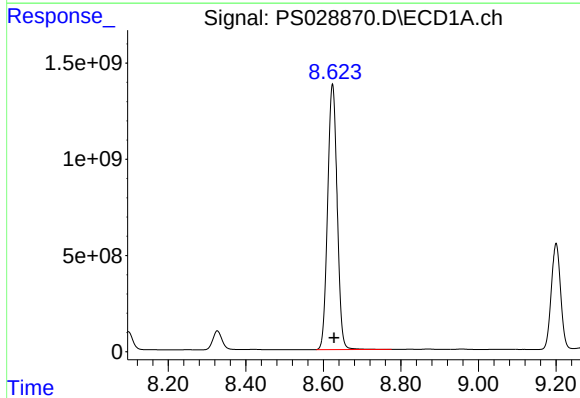
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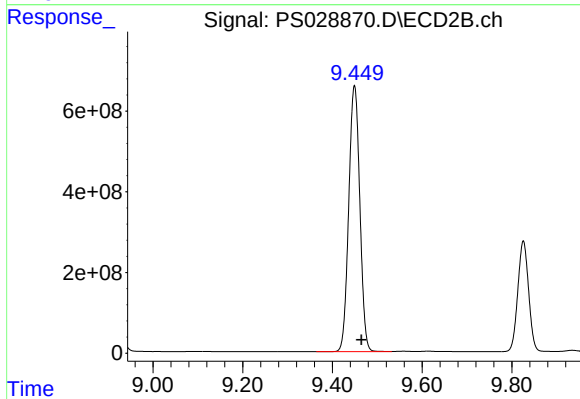
#9 2,4-D

R.T.: 8.925 min
Delta R.T.: -0.014 min
Response: 709285238
Conc: 491.49 ng/ml m



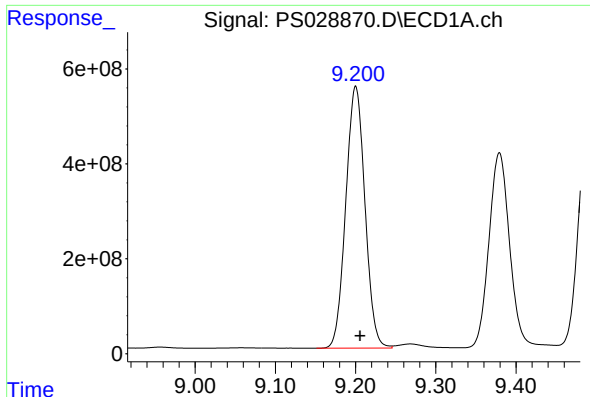
#10 Pentachlorophenol

R.T.: 8.624 min
Delta R.T.: -0.004 min
Response: 23507903498
Conc: 601.73 ng/ml



#10 Pentachlorophenol

R.T.: 9.449 min
Delta R.T.: -0.015 min
Response: 11326945153
Conc: 519.62 ng/ml



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

R.T.: 9.200 min
Delta R.T.: -0.005 min
Response: 9155911060
Conc: 582.83 ng/ml

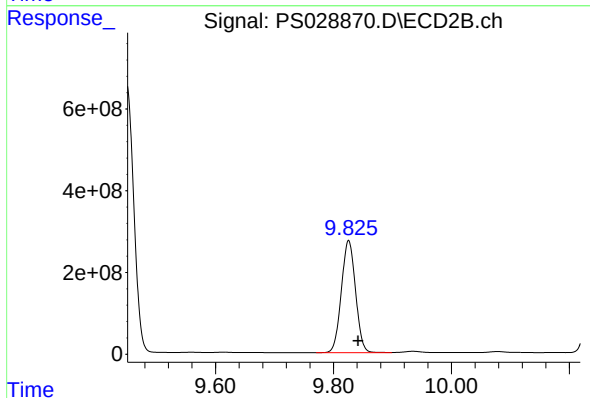
Instrument :

ECD_S

ClientSampleId :
PB165936BS

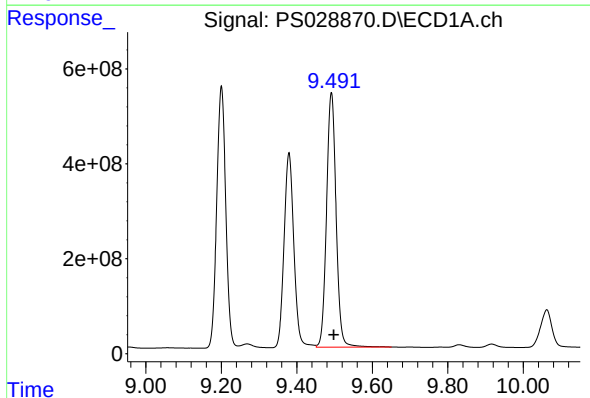
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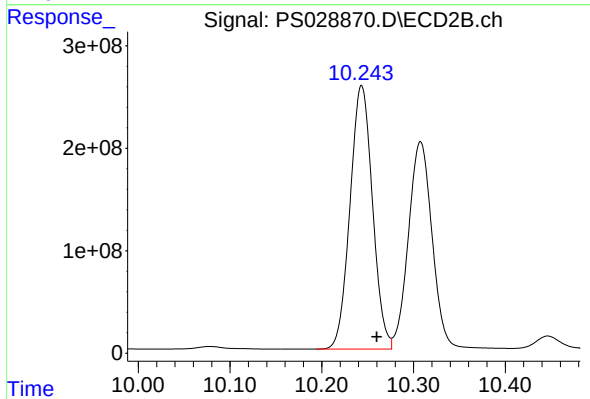
#11 2,4,5-TP (SILVEX)

R.T.: 9.826 min
Delta R.T.: -0.016 min
Response: 4578810366
Conc: 509.69 ng/ml



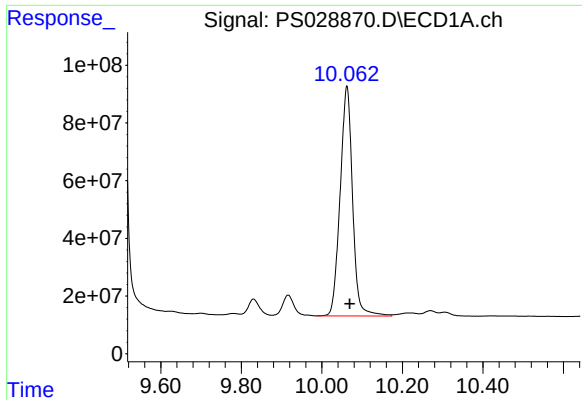
#12 2,4,5-T

R.T.: 9.492 min
Delta R.T.: -0.006 min
Response: 9408844060
Conc: 578.32 ng/ml



#12 2,4,5-T

R.T.: 10.243 min
Delta R.T.: -0.016 min
Response: 4376827491
Conc: 502.55 ng/ml



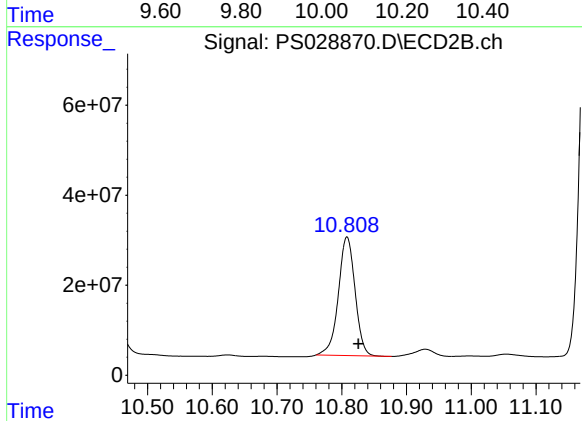
#13 2,4-DB

R.T.: 10.062 min
Delta R.T.: -0.007 min
Response: 1707063614
Conc: 546.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165936BS

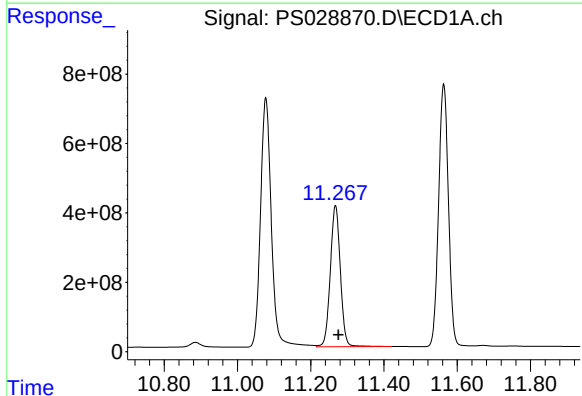
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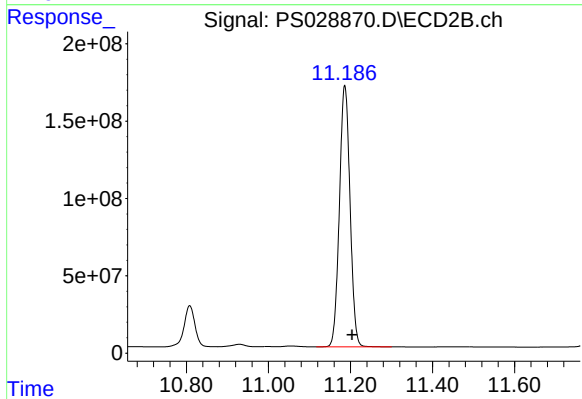
#13 2,4-DB

R.T.: 10.808 min
Delta R.T.: -0.018 min
Response: 472838335
Conc: 486.91 ng/ml



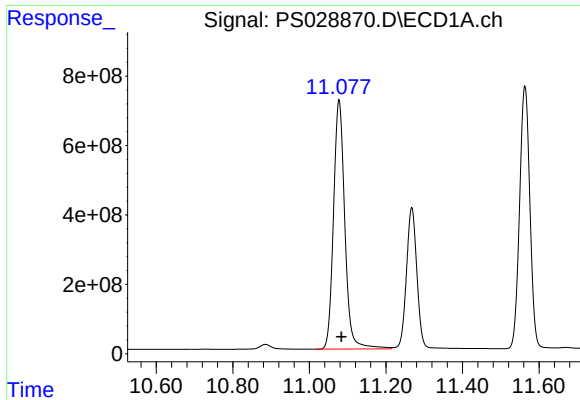
#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.008 min
Response: 7733204548
Conc: 575.31 ng/ml



#14 DINOSEB

R.T.: 11.186 min
Delta R.T.: -0.018 min
Response: 3036913022
Conc: 493.07 ng/ml



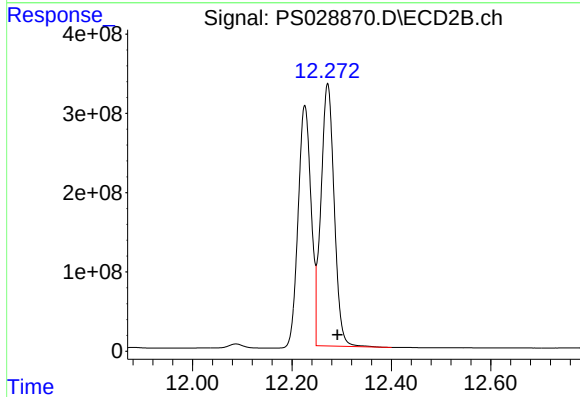
#15 Picloram

R.T.: 11.077 min
Delta R.T.: -0.007 min
Response: 14711763584
Conc: 548.68 ng/ml

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PB165936BS

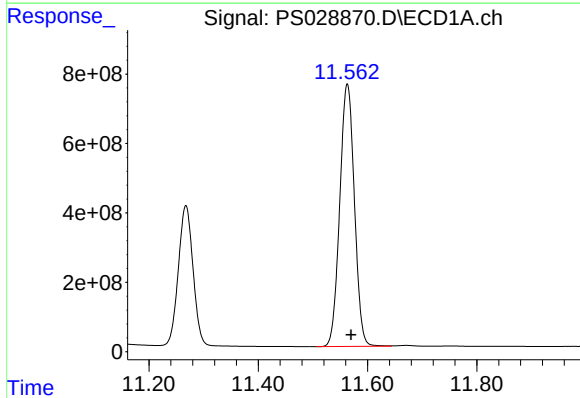
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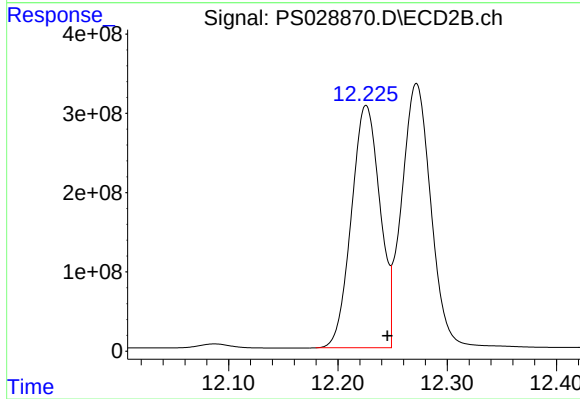
#15 Picloram

R.T.: 12.272 min
Delta R.T.: -0.020 min
Response: 6115362801
Conc: 476.31 ng/ml



#16 DCPA

R.T.: 11.562 min
Delta R.T.: -0.008 min
Response: 14065195692
Conc: 584.81 ng/ml m



#16 DCPA

R.T.: 12.225 min
Delta R.T.: -0.020 min
Response: 5583516301
Conc: 519.66 ng/ml m