

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112024\
 Data File : PS028569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 17:16
 Operator : AR\AJ
 Sample : PB165132BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB165132BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 23:58:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 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	7.232	7.734	1476.8E6	671.2E6	577.820m	519.385
Target Compounds							
1) T	Dalapon	2.638	2.700	1239.3E6	1073.0E6	368.908	443.397
2) T	3,5-DICHL...	6.405	6.689	1965.9E6	885.6E6	526.873	458.269
3) T	4-Nitroph...	7.032	7.261	725.1E6	352.6E6	426.935	408.364
5) T	DICAMBA	7.420	7.933	5303.0E6	2675.0E6	484.643	468.959
6) T	MCPD	7.601	8.035	339.6E6	189.8E6	48.274m	44.132
7) T	MCPA	7.751	8.279	481.0E6	276.1E6	47.131	44.575
8) T	DICHLORPROP	8.129	8.649	1501.0E6	690.4E6	508.576	472.710
9) T	2,4-D	8.359	8.980	1700.7E6	806.4E6	531.984	515.119
10) T	Pentachlo...	8.658	9.508	24081.4E6	10636.4E6	576.994	530.619
11) T	2,4,5-TP ...	9.237	9.885	9543.3E6	4484.2E6	549.391	531.414
12) T	2,4,5-T	9.529	10.305	8831.3E6	3975.1E6	496.851	474.224
13) T	2,4-DB	10.105	10.871	1266.5E6	494.2E6	464.666	471.697
14) T	DINOSEB	11.315	11.251	5543.5E6	1923.4E6	388.805	347.912
15) T	Picloram	11.122	12.345	11160.8E6	4037.2E6	396.338	356.670
16) T	DCPA	11.606	12.294	10031.5E6	4876.0E6	381.231m	502.766m#

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

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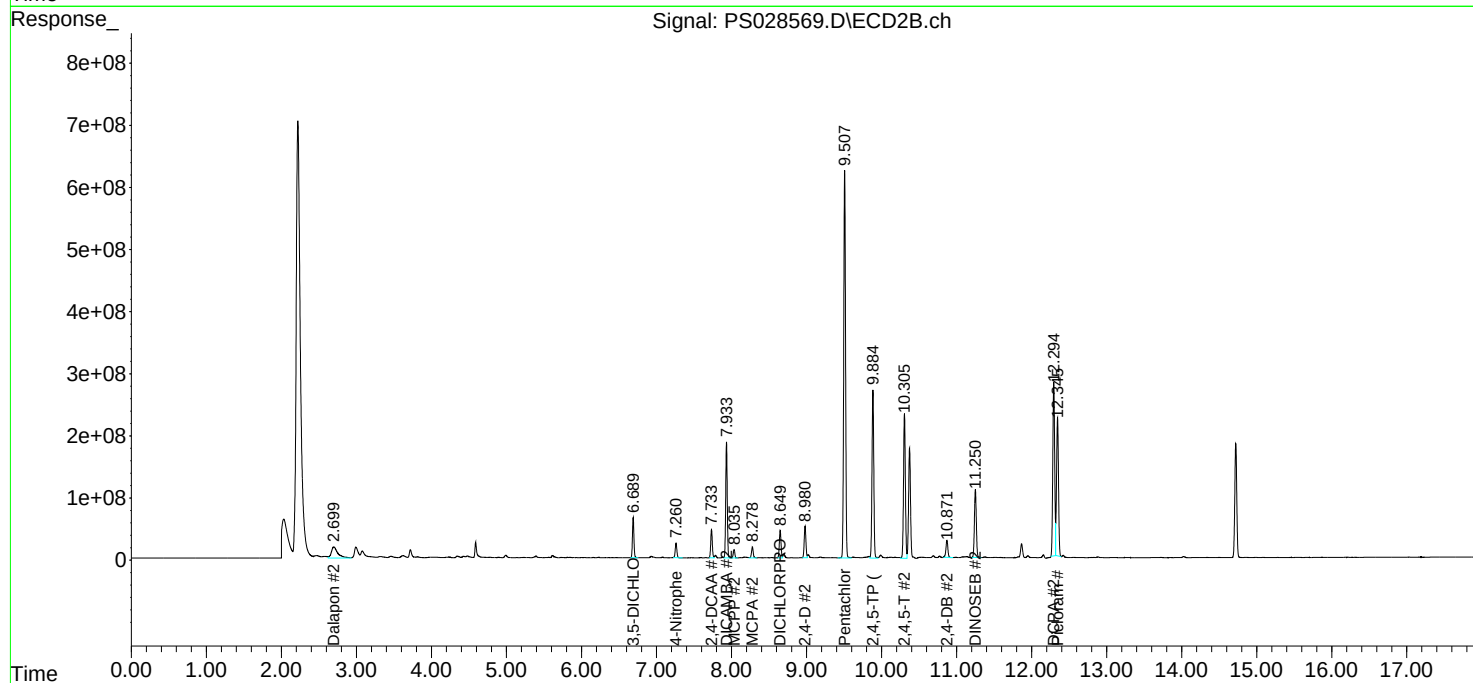
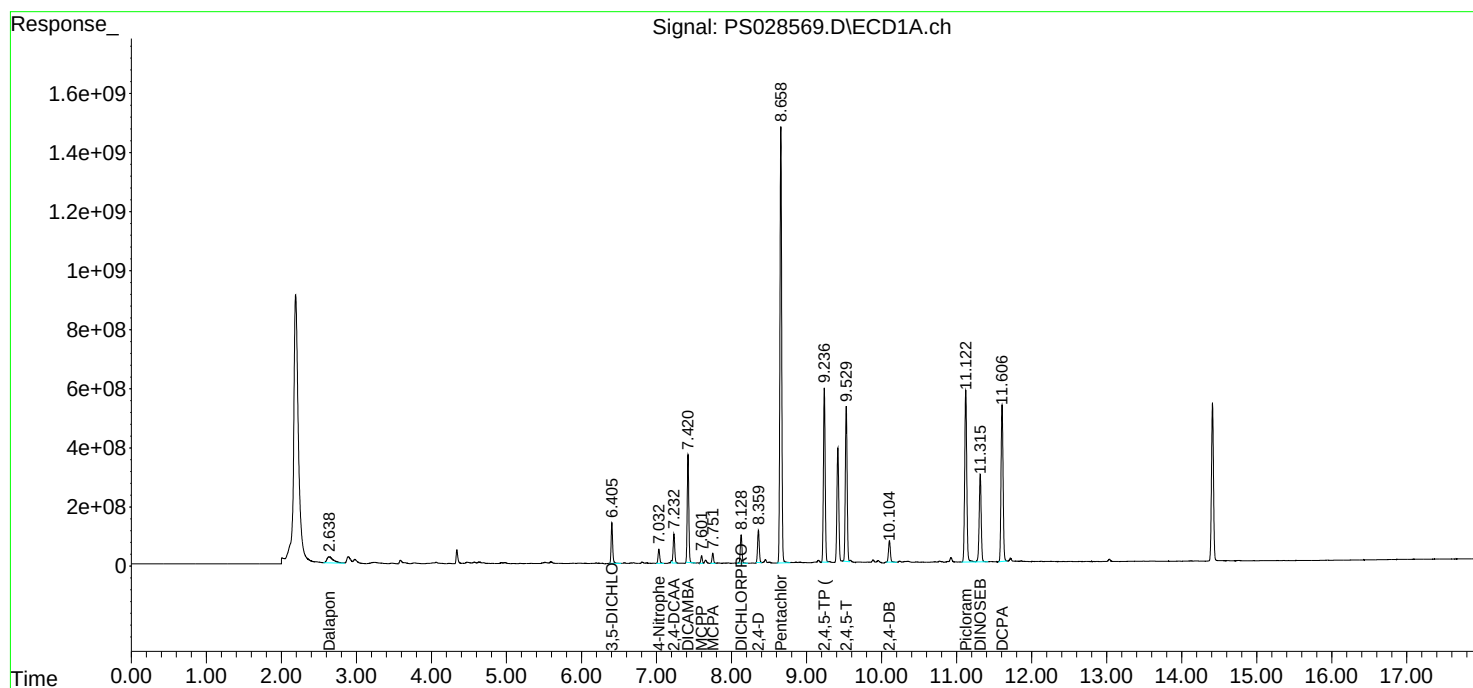
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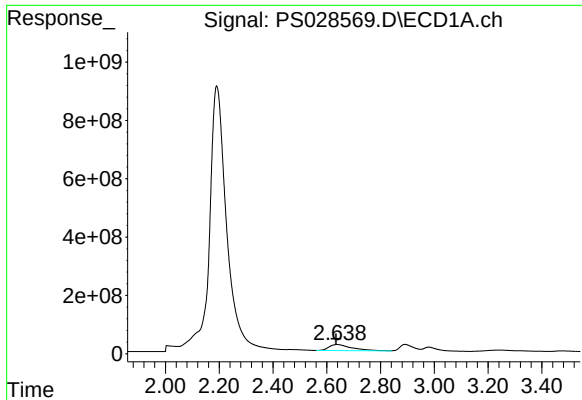
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#1 Dalapon

R.T.: 2.638 min
Delta R.T.: 0.003 min
Response: 1239333805
Conc: 368.91 ng/ml

Instrument :

ECD_S

ClientSampleId :

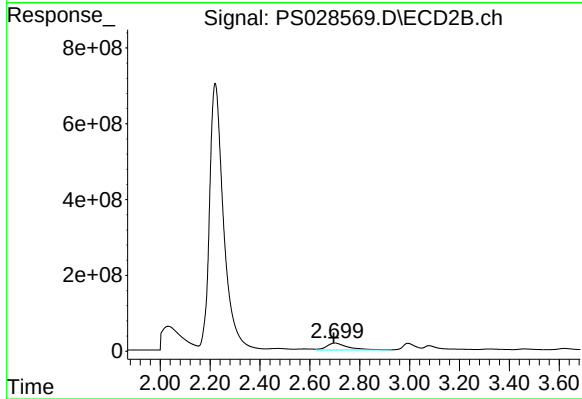
PB165132BS

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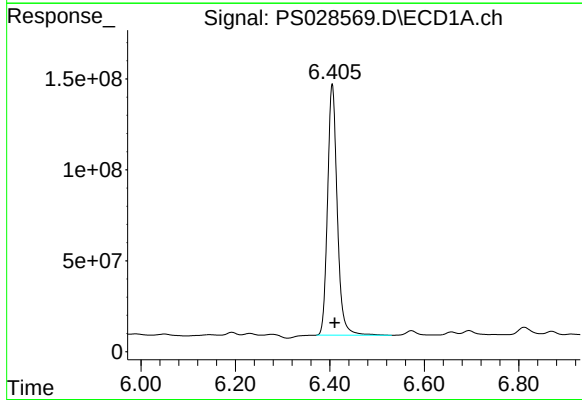
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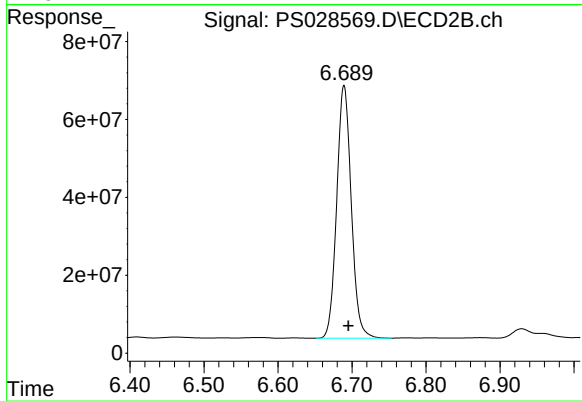
#1 Dalapon

R.T.: 2.700 min
Delta R.T.: 0.003 min
Response: 1072985042
Conc: 443.40 ng/ml



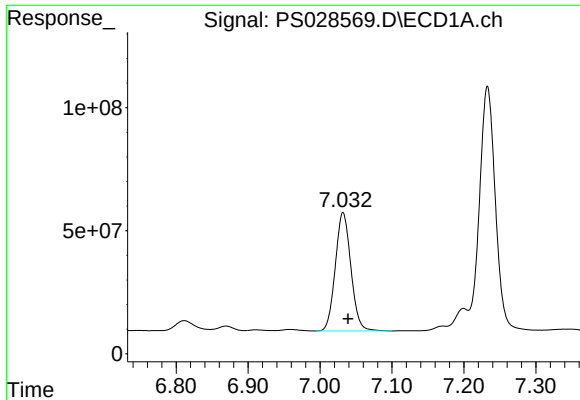
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.405 min
Delta R.T.: -0.005 min
Response: 1965921230
Conc: 526.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.689 min
Delta R.T.: -0.006 min
Response: 885559815
Conc: 458.27 ng/ml



#3 4-Nitrophenol

R.T.: 7.032 min
Delta R.T.: -0.007 min
Response: 725126681
Conc: 426.93 ng/ml

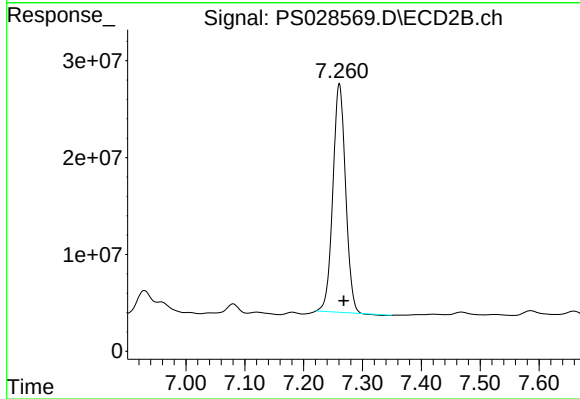
Instrument :

ECD_S

ClientSampleId :
PB165132BS

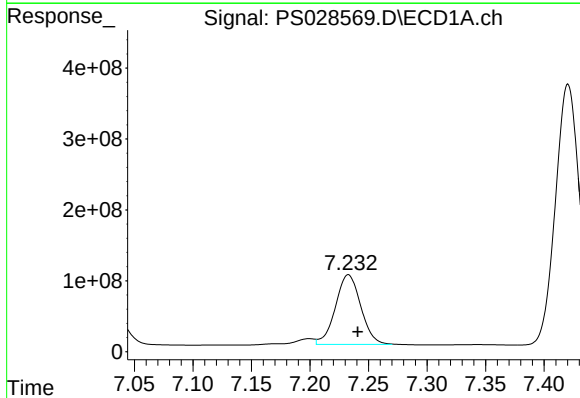
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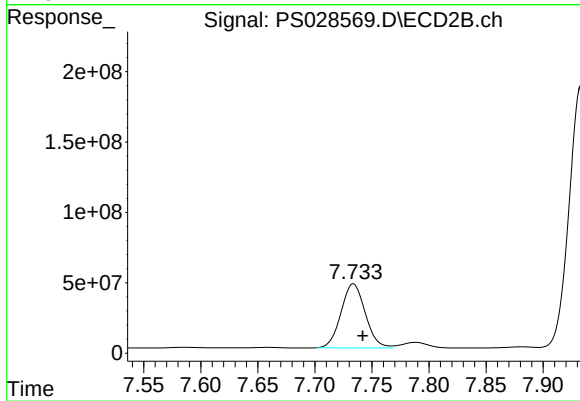
#3 4-Nitrophenol

R.T.: 7.261 min
Delta R.T.: -0.007 min
Response: 352579063
Conc: 408.36 ng/ml



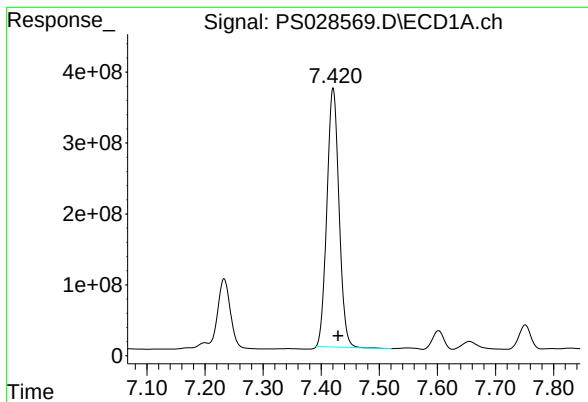
#4 2,4-DCAA

R.T.: 7.232 min
Delta R.T.: -0.008 min
Response: 1476838606
Conc: 577.82 ng/ml m



#4 2,4-DCAA

R.T.: 7.734 min
Delta R.T.: -0.008 min
Response: 671203180
Conc: 519.38 ng/ml



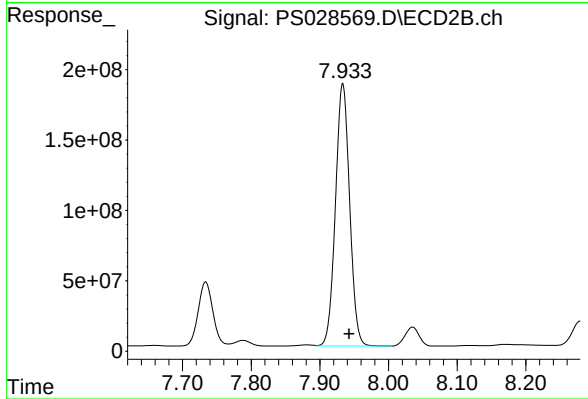
#5 DICAMBA

R.T.: 7.420 min
Delta R.T.: -0.009 min
Response: 5302954779
Conc: 484.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB165132BS

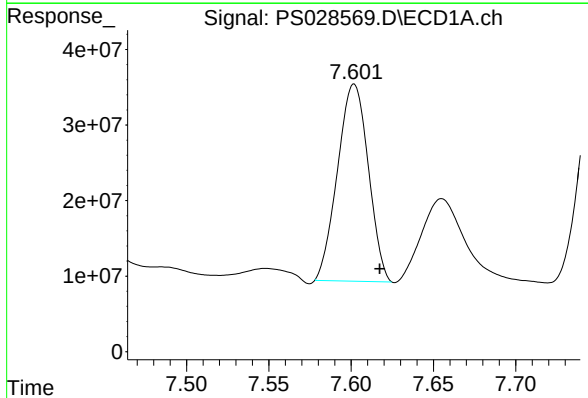
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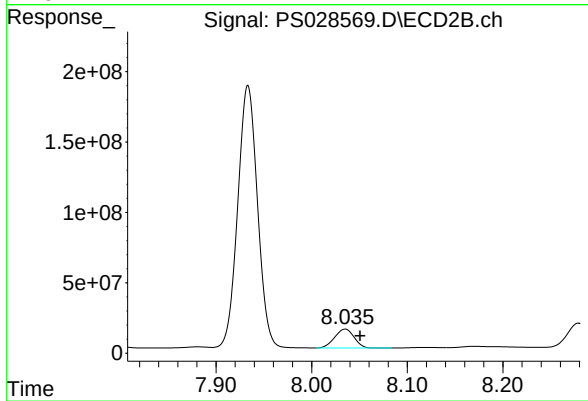
#5 DICAMBA

R.T.: 7.933 min
Delta R.T.: -0.009 min
Response: 2674979988
Conc: 468.96 ng/ml



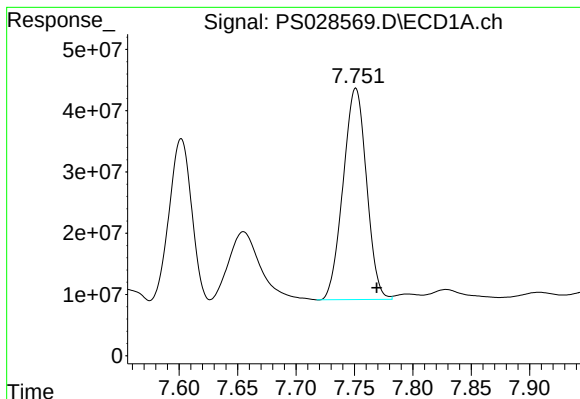
#6 MCP

R.T.: 7.601 min
Delta R.T.: -0.016 min
Response: 339592455
Conc: 48.27 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 189810145
Conc: 44.13 ug/ml



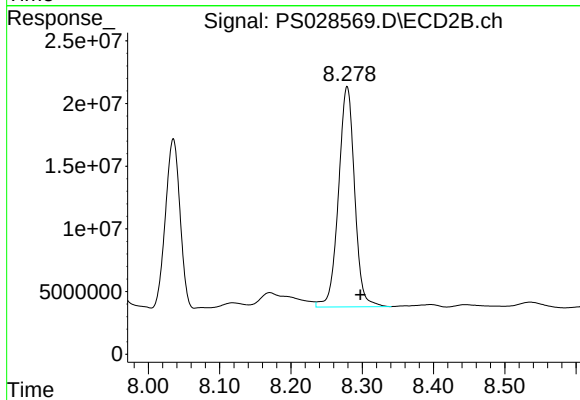
#7 MCPA

R.T.: 7.751 min
Delta R.T.: -0.018 min
Response: 480960573
Conc: 47.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB165132BS

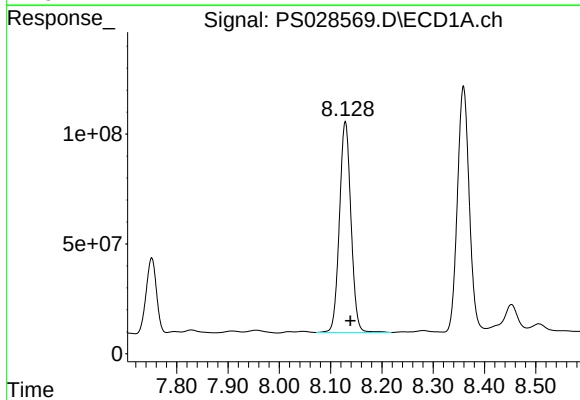
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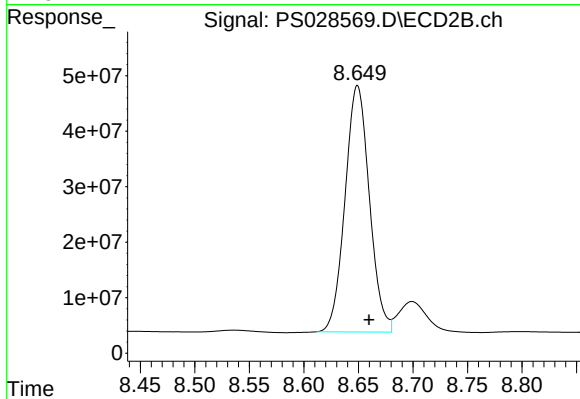
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.019 min
Response: 276073794
Conc: 44.58 ug/ml



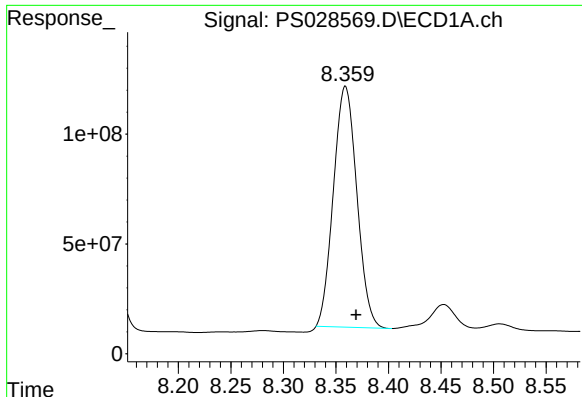
#8 DICHLORPROP

R.T.: 8.129 min
Delta R.T.: -0.010 min
Response: 1500991331
Conc: 508.58 ng/ml



#8 DICHLORPROP

R.T.: 8.649 min
Delta R.T.: -0.010 min
Response: 690424830
Conc: 472.71 ng/ml



#9 2,4-D

R.T.: 8.359 min
Delta R.T.: -0.010 min
Response: 1700712954
Conc: 531.98 ng/ml

Instrument :

ECD_S

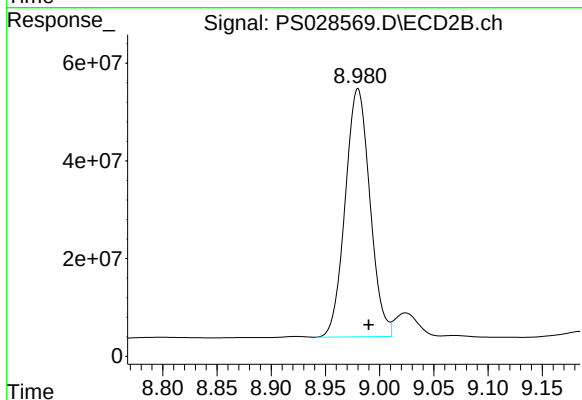
ClientSampleId :

PB165132BS

Manual Integrations

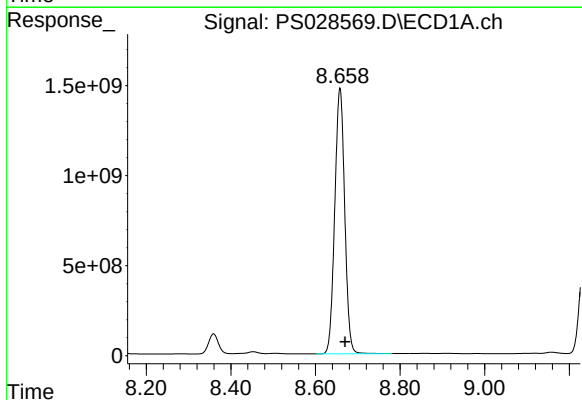
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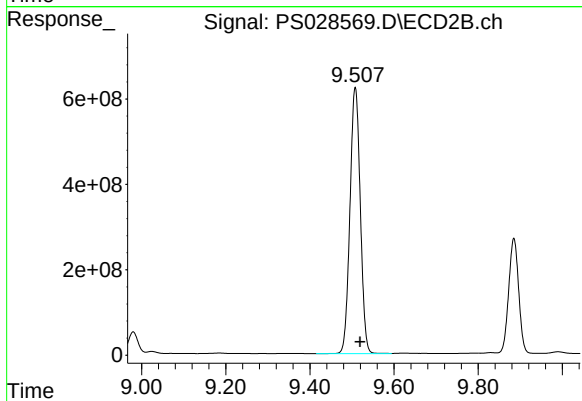
#9 2,4-D

R.T.: 8.980 min
Delta R.T.: -0.010 min
Response: 806444555
Conc: 515.12 ng/ml



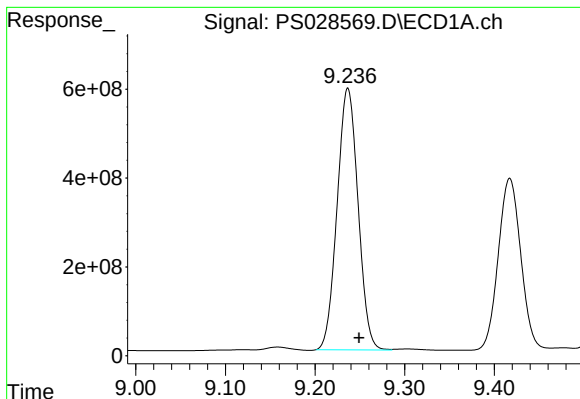
#10 Pentachlorophenol

R.T.: 8.658 min
Delta R.T.: -0.012 min
Response: 24081434481
Conc: 576.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.012 min
Response: 10636431159
Conc: 530.62 ng/ml



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

R.T.: 9.237 min
Delta R.T.: -0.013 min
Response: 9543314500
Conc: 549.39 ng/ml

Instrument :

ECD_S

ClientSampleId :

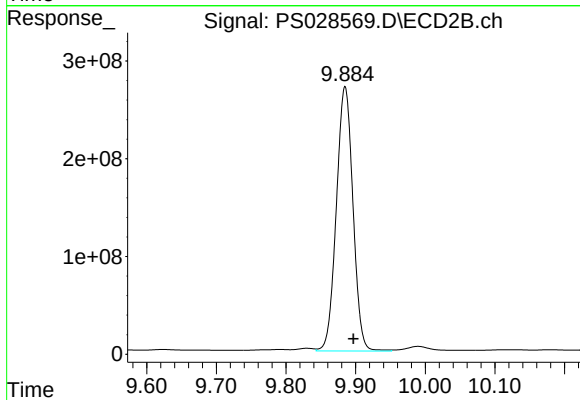
PB165132BS

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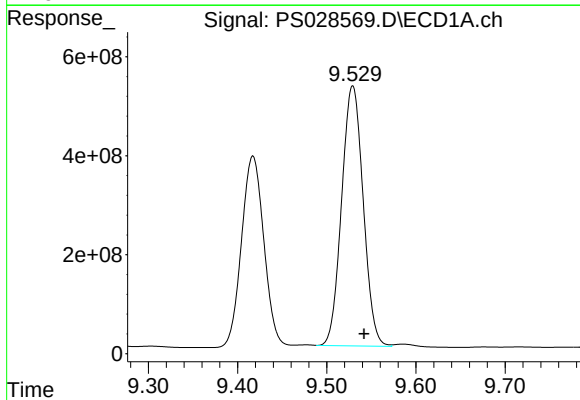
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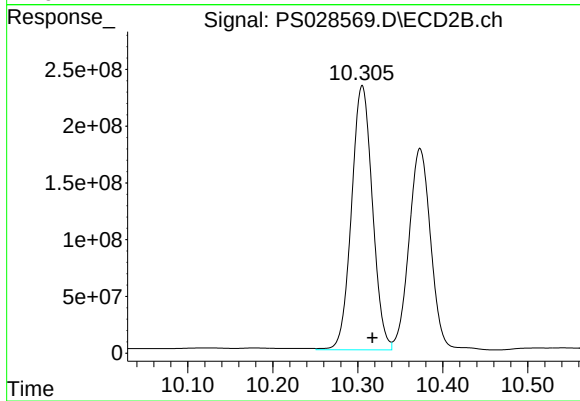
#11 2,4,5-TP (SILVEX)

R.T.: 9.885 min
Delta R.T.: -0.012 min
Response: 4484225131
Conc: 531.41 ng/ml



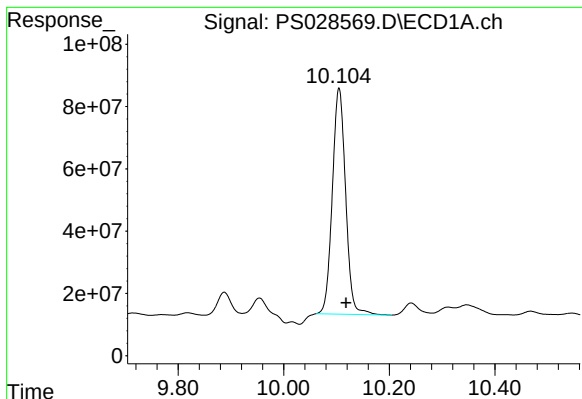
#12 2,4,5-T

R.T.: 9.529 min
Delta R.T.: -0.013 min
Response: 8831297130
Conc: 496.85 ng/ml



#12 2,4,5-T

R.T.: 10.305 min
Delta R.T.: -0.012 min
Response: 3975117481
Conc: 474.22 ng/ml



#13 2,4-DB

R.T.: 10.105 min
Delta R.T.: -0.014 min
Response: 1266502825
Conc: 464.67 ng/ml

Instrument :

ECD_S

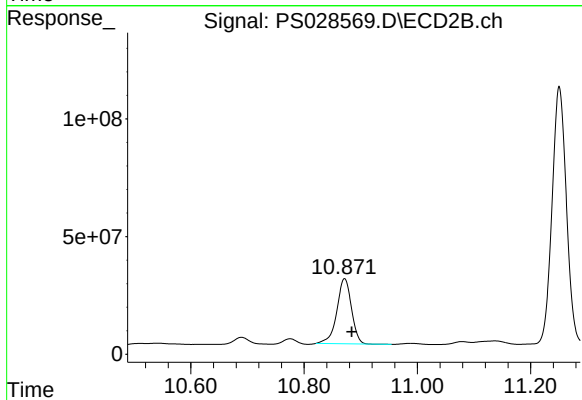
ClientSampleId :

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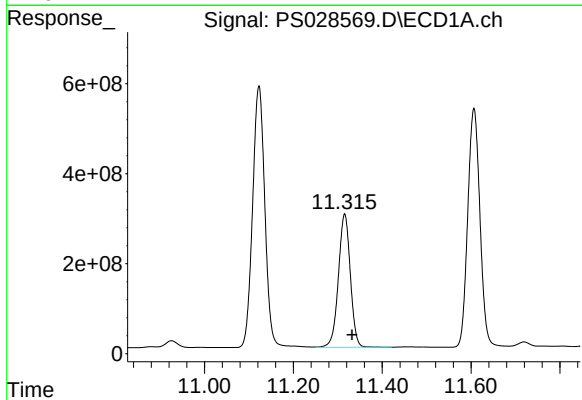
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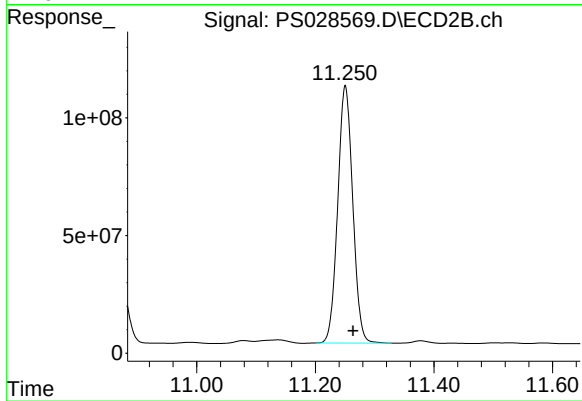
#13 2,4-DB

R.T.: 10.871 min
Delta R.T.: -0.012 min
Response: 494214175
Conc: 471.70 ng/ml



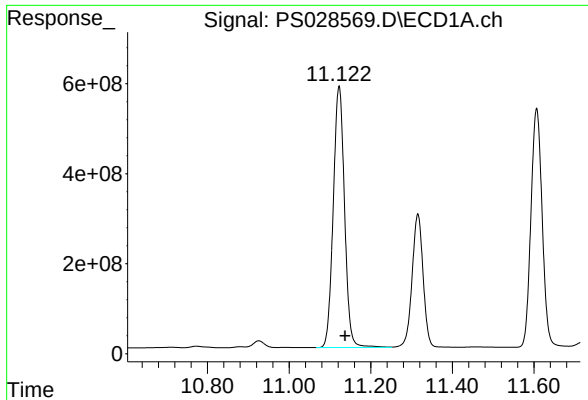
#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: -0.016 min
Response: 5543486887
Conc: 388.80 ng/ml



#14 DINOSEB

R.T.: 11.251 min
Delta R.T.: -0.013 min
Response: 1923430721
Conc: 347.91 ng/ml



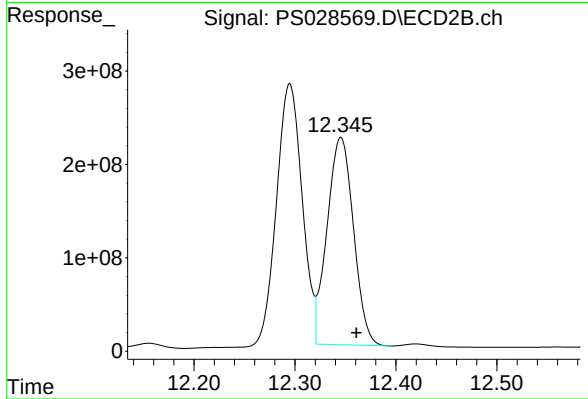
#15 Picloram

R.T.: 11.122 min
Delta R.T.: -0.015 min
Response: 11160771480
Conc: 396.34 ng/ml

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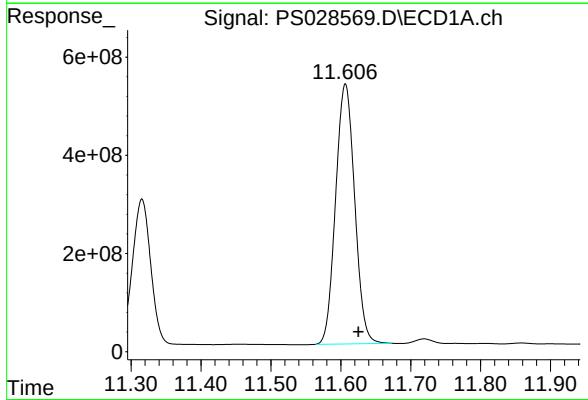
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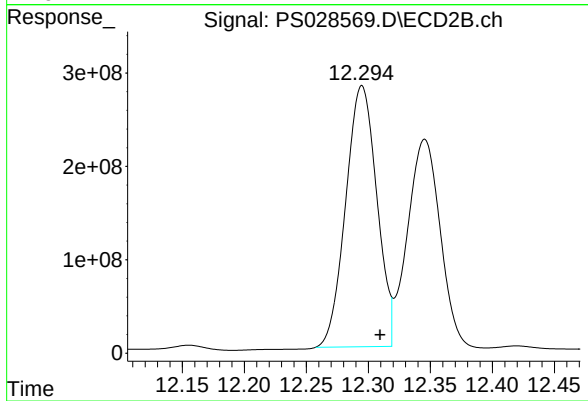
#15 Picloram

R.T.: 12.345 min
Delta R.T.: -0.015 min
Response: 4037157953
Conc: 356.67 ng/ml



#16 DCPA

R.T.: 11.606 min
Delta R.T.: -0.019 min
Response: 10031470571
Conc: 381.23 ng/ml m



#16 DCPA

R.T.: 12.294 min
Delta R.T.: -0.015 min
Response: 4876037451
Conc: 502.77 ng/ml m