

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 16:06
 Operator : AR\AJ
 Sample : PB167293BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167293BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:28:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.960	7.475	1199.6E6	408.5E6	588.365	599.414
Target Compounds							
1) T	Dalapon	2.464	2.534	1844.2E6	854.7E6	543.625	538.344
2) T	3,5-DICHL...	6.163	6.469	1667.9E6	529.3E6	554.524	548.199
3) T	4-Nitroph...	6.751	7.009	763.9E6	379.8E6	543.749	535.643
5) T	DICAMBA	7.137	7.662	4665.8E6	2077.3E6	560.663	562.450
6) T	MCP P	7.315	7.767	293.5E6	89005885	54.156	52.714
7) T	MCPA	7.458	7.998	389.4E6	117.2E6	53.566	51.515
8) T	DICHLORPROP	7.819	8.356	1215.4E6	531.2E6	552.617	549.803
9) T	2,4-D	8.040	8.670	1333.2E6	600.6E6	553.270	556.889
10) T	Pentachlo...	8.319	9.172	17068.7E6	10449.6E6	561.377	582.876
11) T	2,4,5-TP ...	8.885	9.550	6547.2E6	4163.2E6	563.670	577.183
12) T	2,4,5-T	9.167	9.955	6532.1E6	3896.7E6	567.793	581.358
13) T	2,4-DB	9.727	10.513	1022.6E6	412.5E6	562.899	555.936
14) T	DINOSEB	10.891	10.884	4699.2E6	2880.4E6	556.641	563.380
15) T	Picloram	10.710	11.920	8631.6E6	5538.3E6	556.862	468.379m
16) T	DCPA	11.192	11.912	7685.7E6	5459.8E6	550.314	616.881m

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

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Acq On : 03 Apr 2025 16:06
Operator : AR\AJ
Sample : PB167293BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

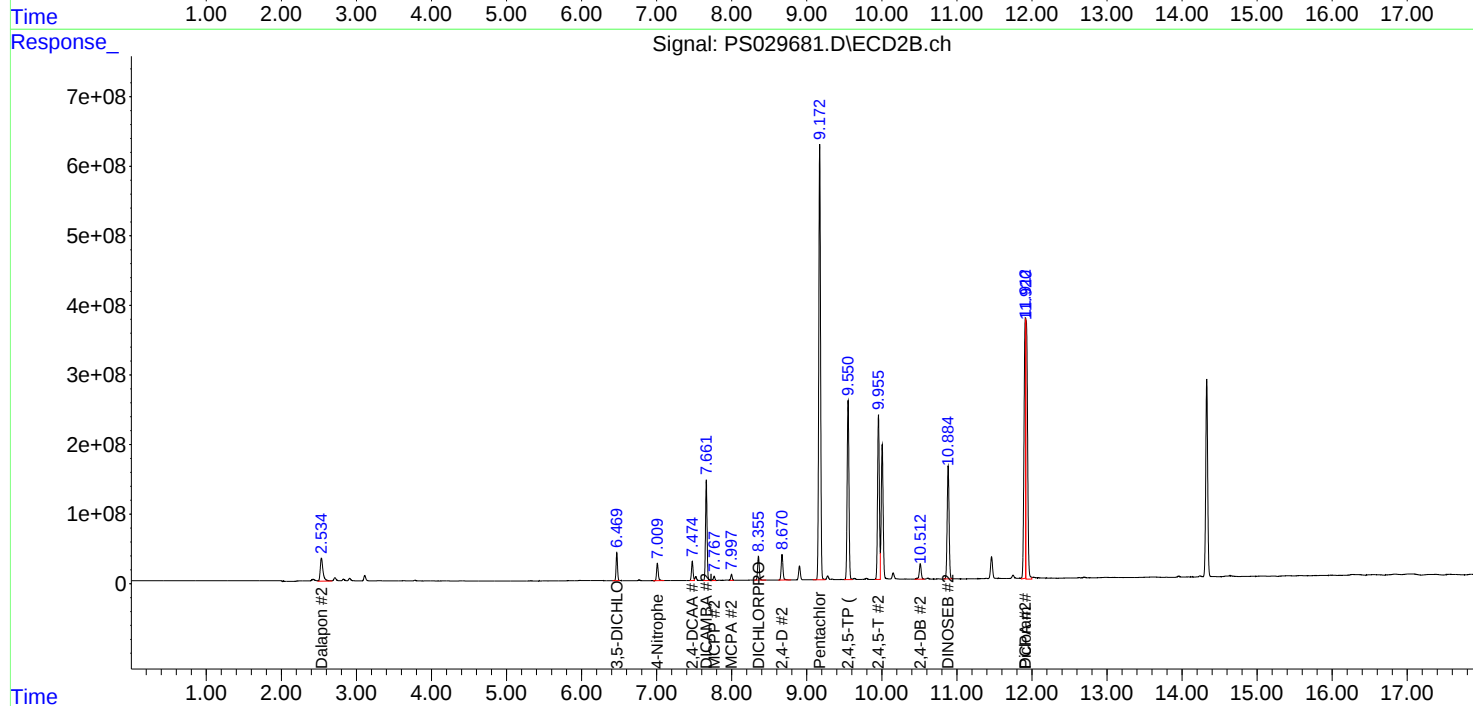
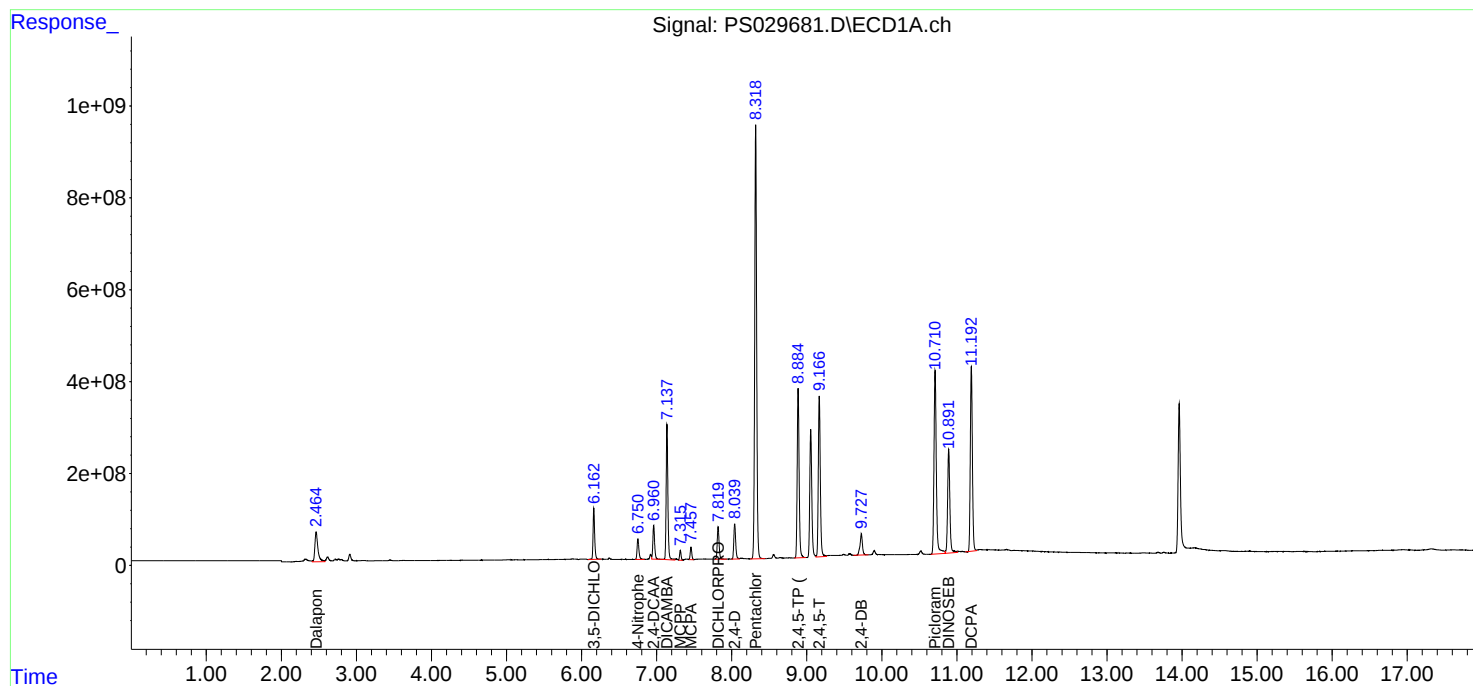
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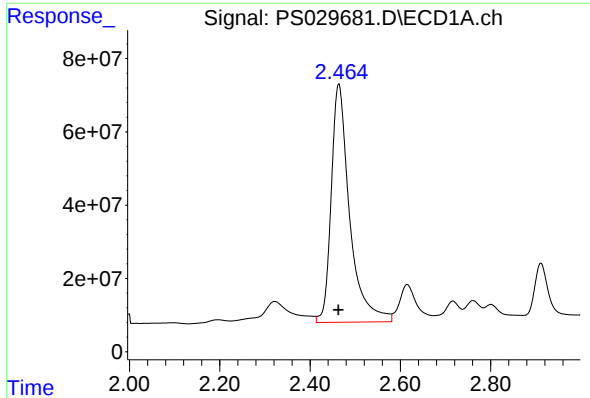
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.464 min
Delta R.T.: 0.000 min
Response: 1844192447
Conc: 543.63 ng/ml

Instrument :

ECD_S

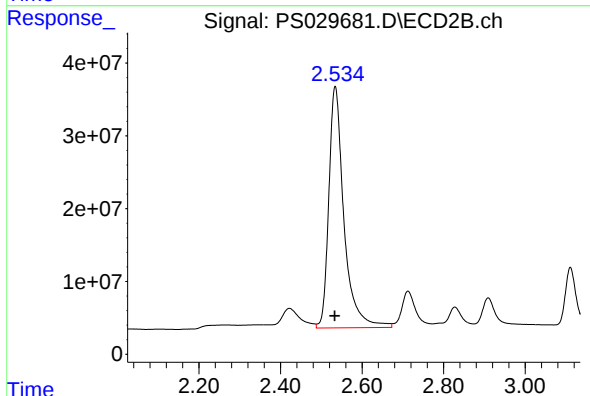
ClientSampleId :

PB167293BS

Manual Integrations

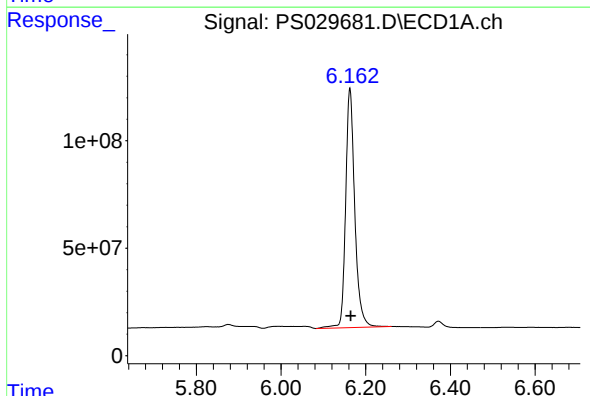
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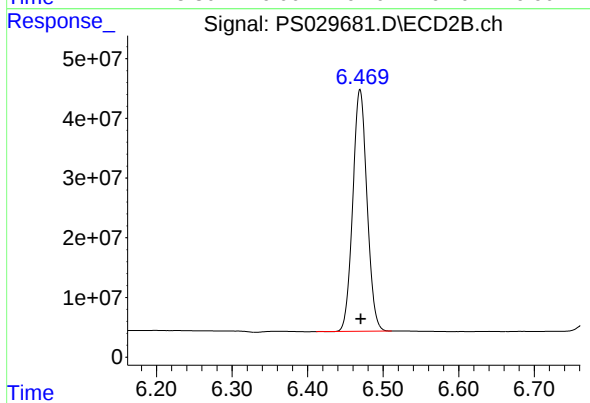
#1 Dalapon

R.T.: 2.534 min
Delta R.T.: 0.001 min
Response: 854671855
Conc: 538.34 ng/ml



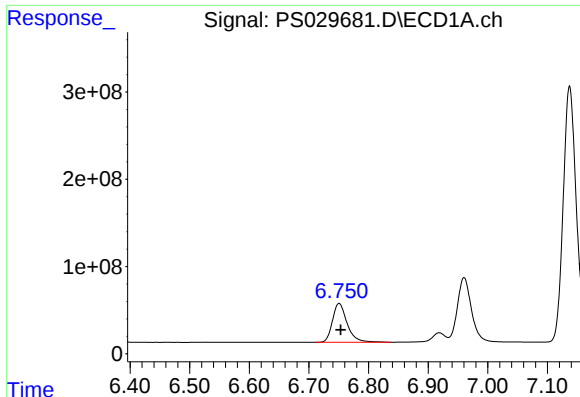
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 1667875173
Conc: 554.52 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 529317579
Conc: 548.20 ng/ml



#3 4-Nitrophenol

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 763857604
Conc: 543.75 ng/ml

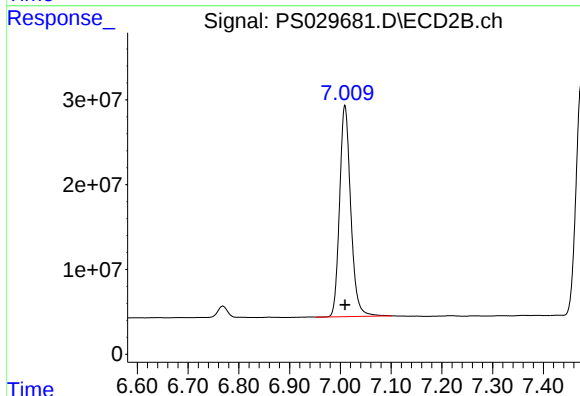
Instrument :

ECD_S

ClientSampleId :
PB167293BS

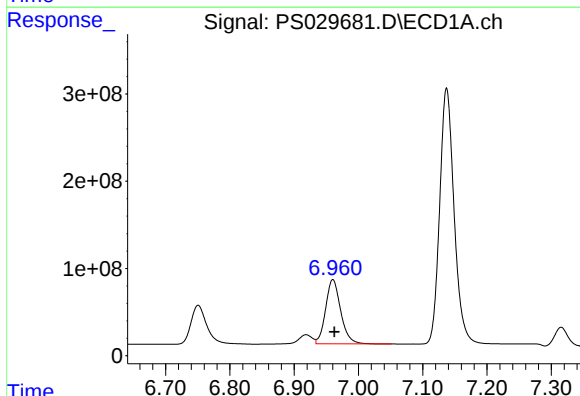
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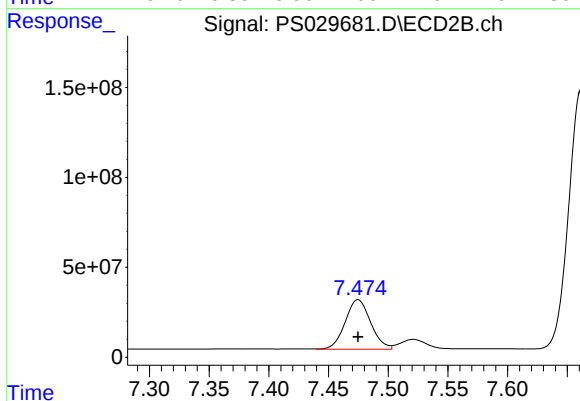
#3 4-Nitrophenol

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 379770005
Conc: 535.64 ng/ml



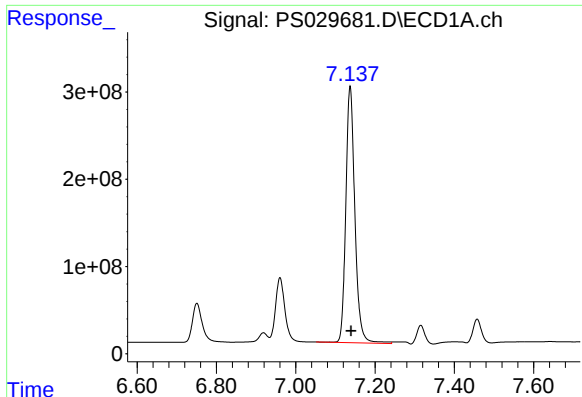
#4 2,4-DCAA

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 1199577440
Conc: 588.37 ng/ml



#4 2,4-DCAA

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 408508615
Conc: 599.41 ng/ml



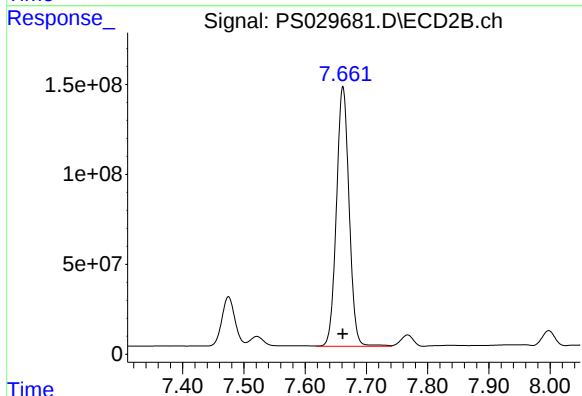
#5 DICAMBA

R.T.: 7.137 min
Delta R.T.: -0.003 min
Response: 4665805229
Conc: 560.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

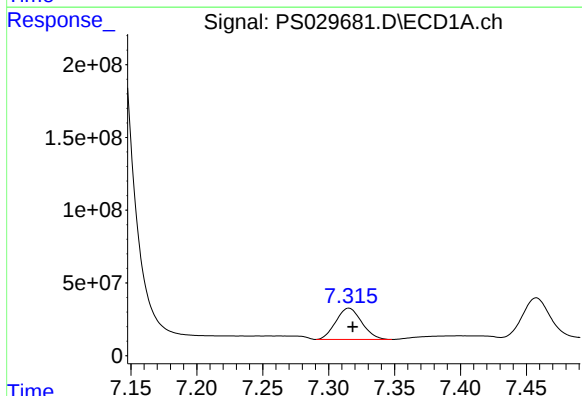
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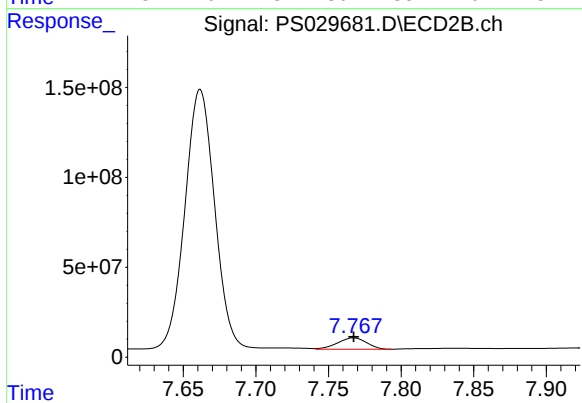
#5 DICAMBA

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 2077334449
Conc: 562.45 ng/ml



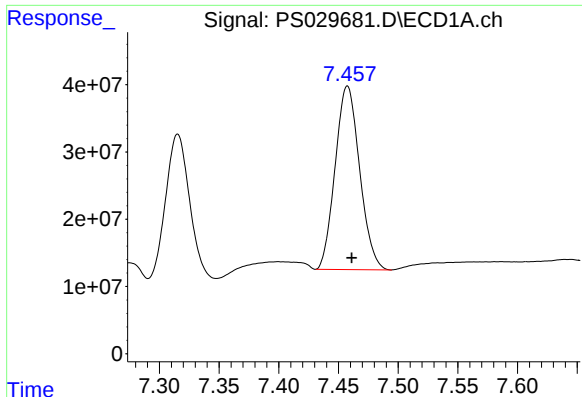
#6 MCP

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 293516936
Conc: 54.16 ug/ml



#6 MCP

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 89005885
Conc: 52.71 ug/ml



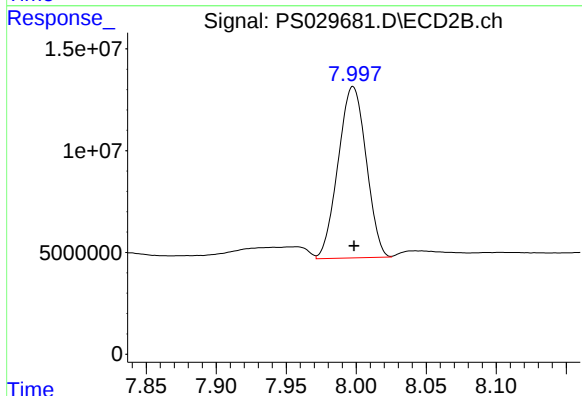
#7 MCPA

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 389369078
Conc: 53.57 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

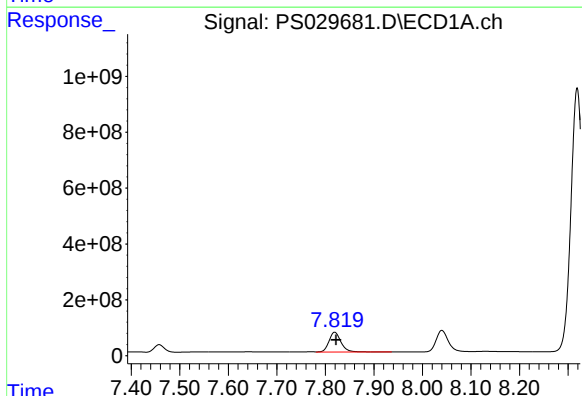
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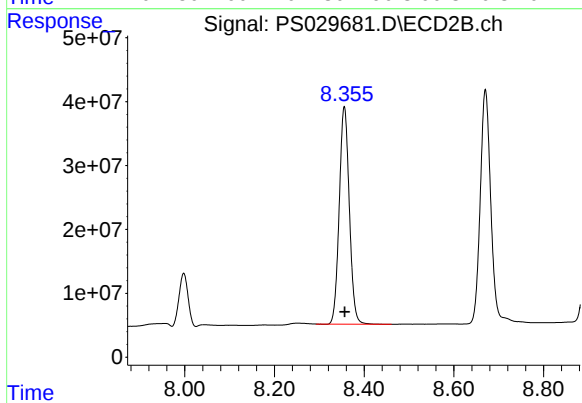
#7 MCPA

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 117209326
Conc: 51.51 ug/ml



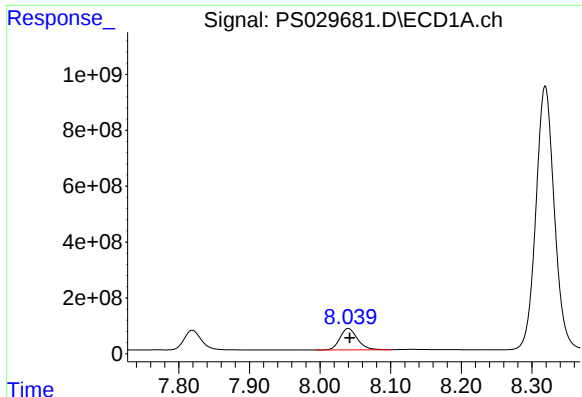
#8 DICHLORPROP

R.T.: 7.819 min
Delta R.T.: -0.003 min
Response: 1215446342
Conc: 552.62 ng/ml



#8 DICHLORPROP

R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 531193349
Conc: 549.80 ng/ml



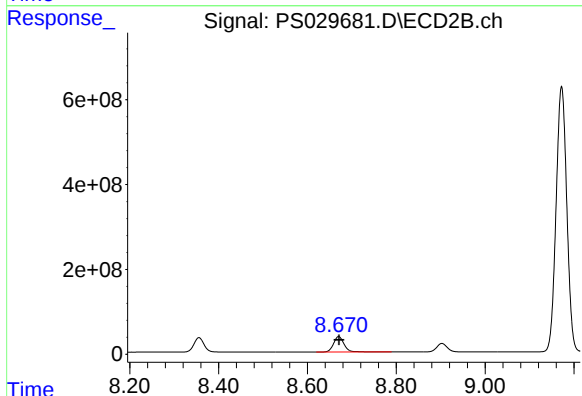
#9 2,4-D

R.T.: 8.040 min
Delta R.T.: -0.002 min
Response: 1333154169
Conc: 553.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

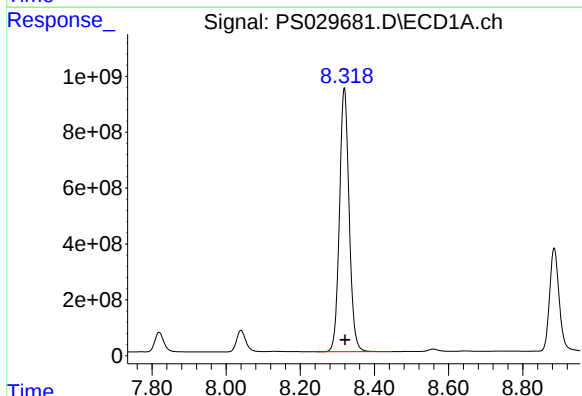
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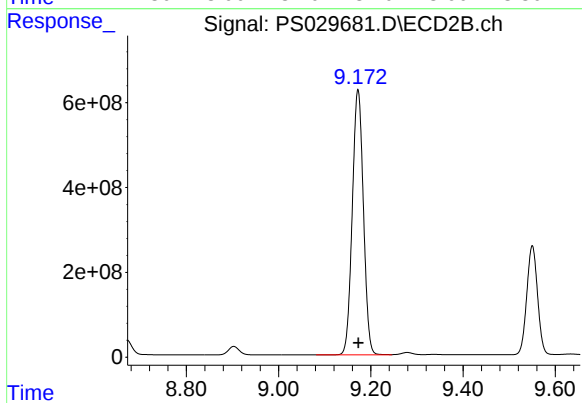
#9 2,4-D

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 600584649
Conc: 556.89 ng/ml



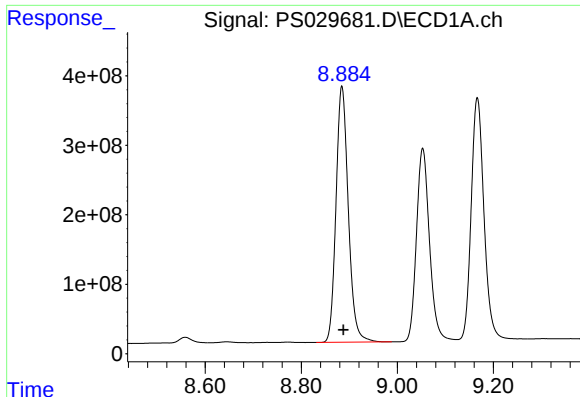
#10 Pentachlorophenol

R.T.: 8.319 min
Delta R.T.: -0.002 min
Response: 17068668583
Conc: 561.38 ng/ml



#10 Pentachlorophenol

R.T.: 9.172 min
Delta R.T.: 0.000 min
Response: 10449636379
Conc: 582.88 ng/ml



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

R.T.: 8.885 min
Delta R.T.: -0.003 min
Response: 6547227090
Conc: 563.67 ng/ml

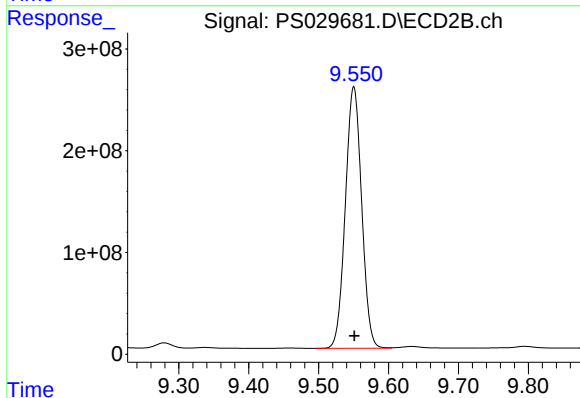
Instrument :

ECD_S

ClientSampleId :
PB167293BS

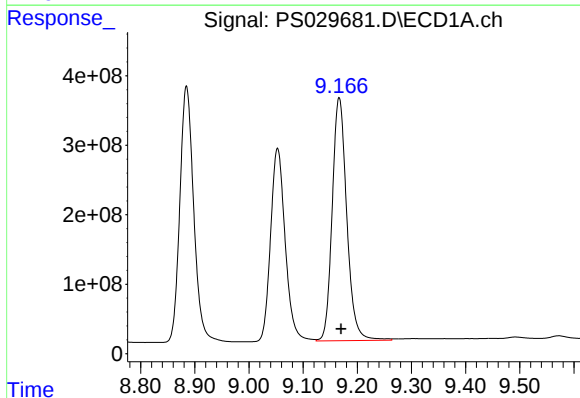
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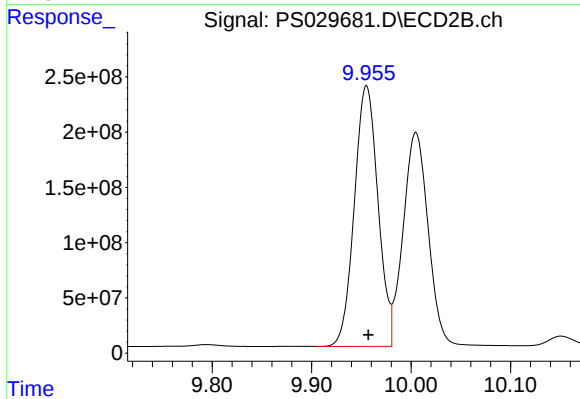
#11 2,4,5-TP (SILVEX)

R.T.: 9.550 min
Delta R.T.: -0.001 min
Response: 4163196212
Conc: 577.18 ng/ml



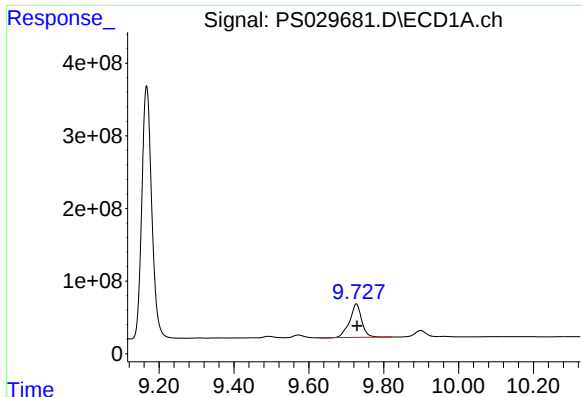
#12 2,4,5-T

R.T.: 9.167 min
Delta R.T.: -0.003 min
Response: 6532136318
Conc: 567.79 ng/ml



#12 2,4,5-T

R.T.: 9.955 min
Delta R.T.: -0.002 min
Response: 3896746954
Conc: 581.36 ng/ml



#13 2,4-DB

R.T.: 9.727 min
Delta R.T.: -0.003 min
Response: 1022642659
Conc: 562.90 ng/ml

Instrument :

ECD_S

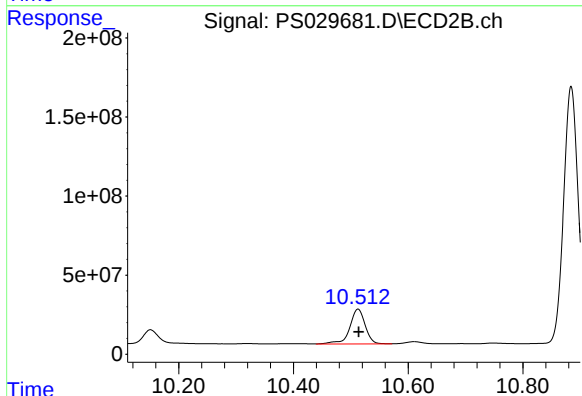
ClientSampleId :

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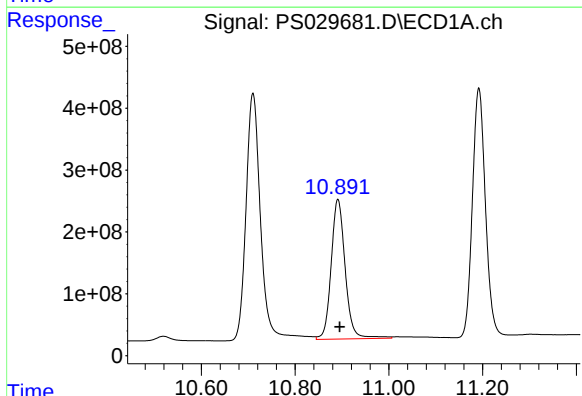
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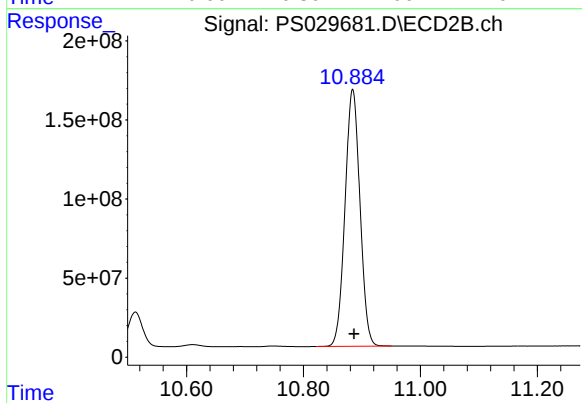
#13 2,4-DB

R.T.: 10.513 min
Delta R.T.: -0.001 min
Response: 412490685
Conc: 555.94 ng/ml



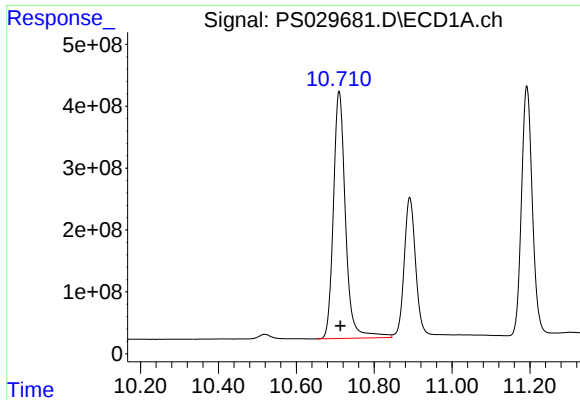
#14 DINOSEB

R.T.: 10.891 min
Delta R.T.: -0.004 min
Response: 4699182449
Conc: 556.64 ng/ml



#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.002 min
Response: 2880449232
Conc: 563.38 ng/ml



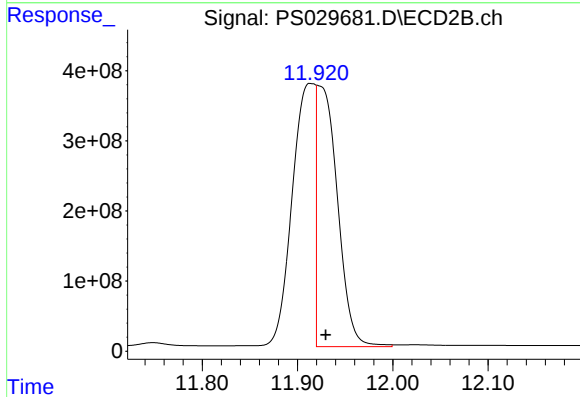
#15 Picloram

R.T.: 10.710 min
Delta R.T.: -0.003 min
Response: 8631588163
Conc: 556.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167293BS

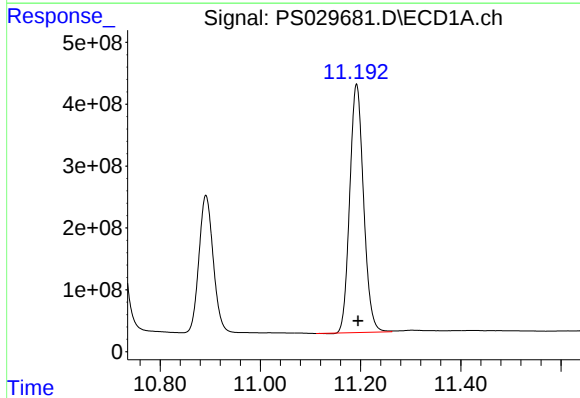
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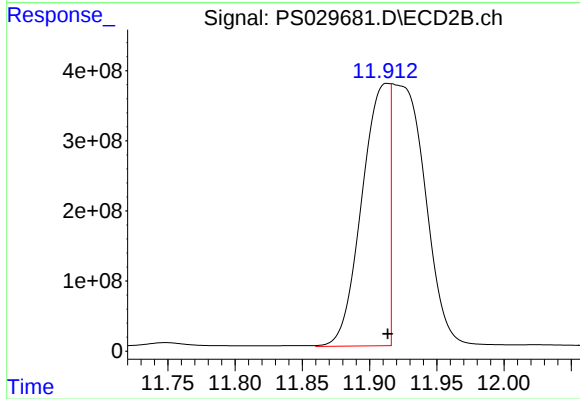
#15 Picloram

R.T.: 11.920 min
Delta R.T.: -0.010 min
Response: 5538309666
Conc: 468.38 ng/ml m



#16 DCPA

R.T.: 11.192 min
Delta R.T.: -0.003 min
Response: 7685748476
Conc: 550.31 ng/ml



#16 DCPA

R.T.: 11.912 min
Delta R.T.: -0.002 min
Response: 5459809903
Conc: 616.88 ng/ml m