

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 14:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:41:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.309	7.762	2292.0E6	617.6E6	786.704	739.615
Target Compounds							
1) T	Dalapon	2.687	2.702	3331.1E6	1655.9E6	690.453	674.176
2) T	3,5-DICHL...	6.472	6.709	3235.9E6	911.3E6	759.081m	705.199
3) T	4-Nitroph...	7.110	7.302	763.6E6	860.4E6	749.975	666.537
5) T	DICAMBA	7.496	7.961	9362.0E6	3826.1E6	724.583	705.807
6) T	MCPD	7.676	8.059	634.8E6	115.2E6	78.926m	67.409
7) T	MCPA	7.826	8.308	734.4E6	191.4E6	75.122	73.769
8) T	DICHLORPROP	8.206	8.681	2163.1E6	898.9E6	711.549	691.440
9) T	2,4-D	8.440	9.021	1912.9E6	981.3E6	737.632	703.148
10) T	Pentachlo...	8.737	9.533	35854.3E6	24820.2E6	788.374	740.980
11) T	2,4,5-TP ...	9.318	9.919	12439.8E6	9132.0E6	746.632	718.897
12) T	2,4,5-T	9.614	10.347	10027.1E6	8360.3E6	753.876	716.718
13) T	2,4-DB	10.190	10.917	1312.5E6	675.9E6	751.179	699.814
14) T	DINOSEB	11.395	11.296	8552.8E6	6667.3E6	746.090	713.852
15) T	Picloram	11.216	12.416	8516.3E6	11885.6E6	727.293m	695.269
16) T	DCPA	11.695	12.340	16084.1E6	13684.5E6	775.656m	733.685

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

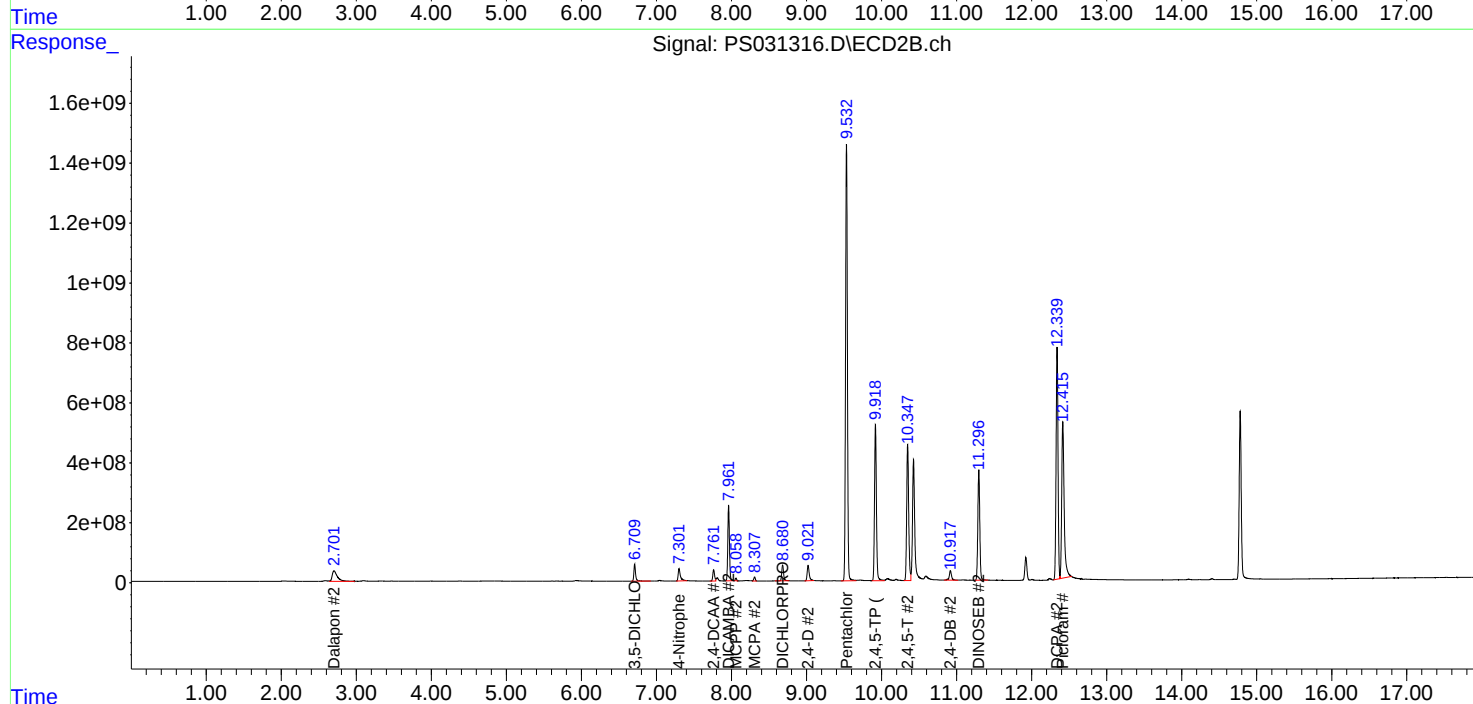
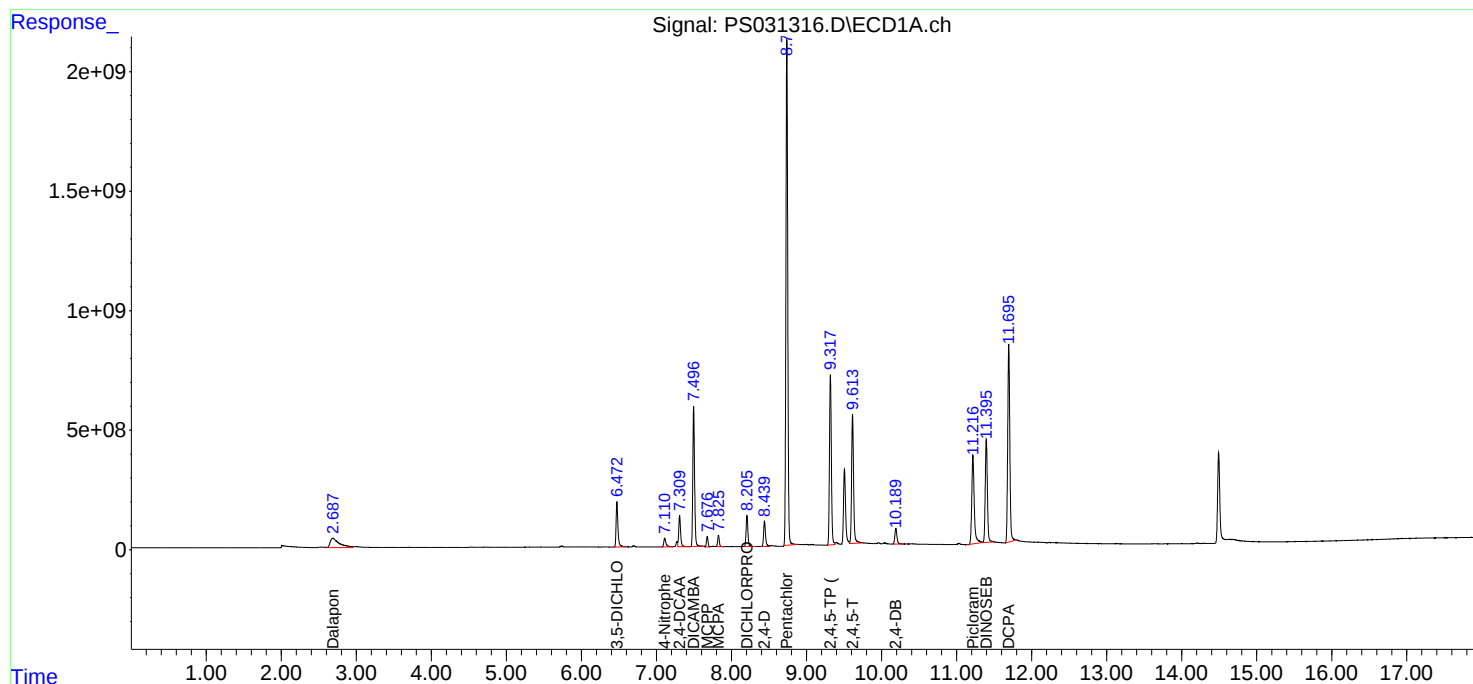
Instrument :
ECD_S
ClientSampleId :
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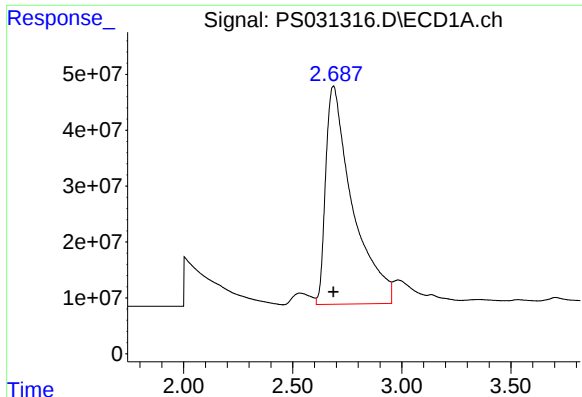
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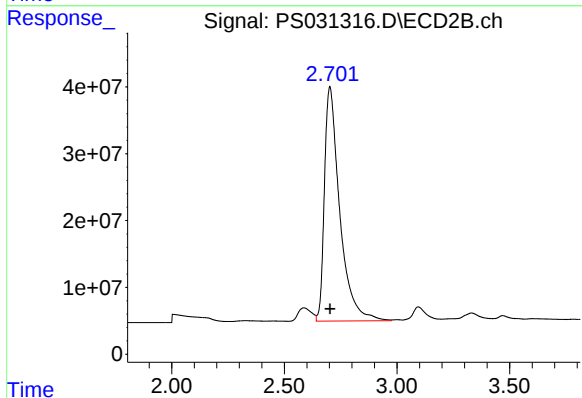
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 3331133917
Conc: 690.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

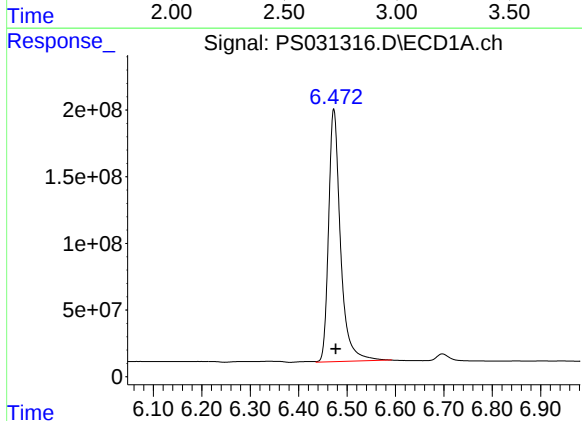
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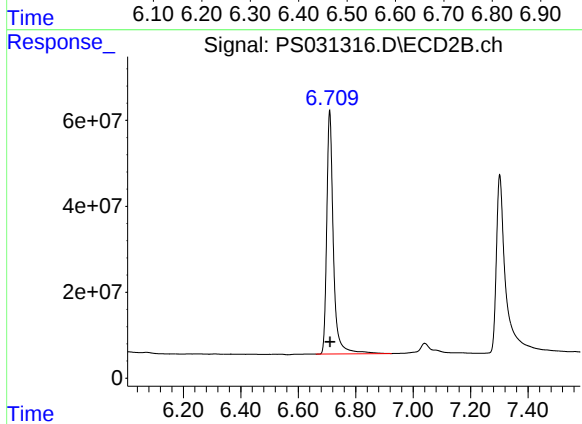
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 1655901439
Conc: 674.18 ng/ml



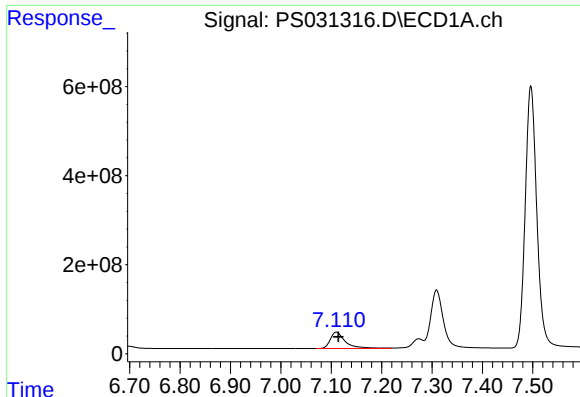
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 3235912119
Conc: 759.08 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 911308049
Conc: 705.20 ng/ml



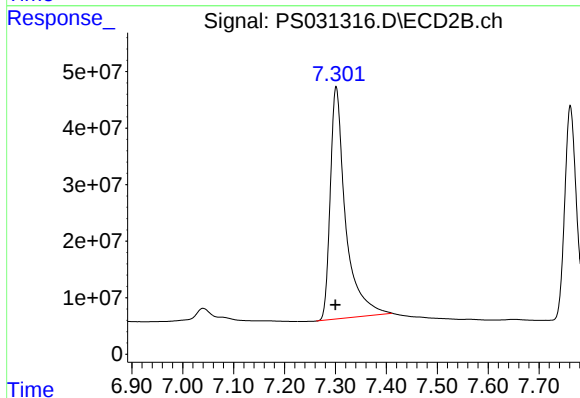
#3 4-Nitrophenol

R.T.: 7.110 min
Delta R.T.: -0.004 min
Response: 763624921
Conc: 749.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

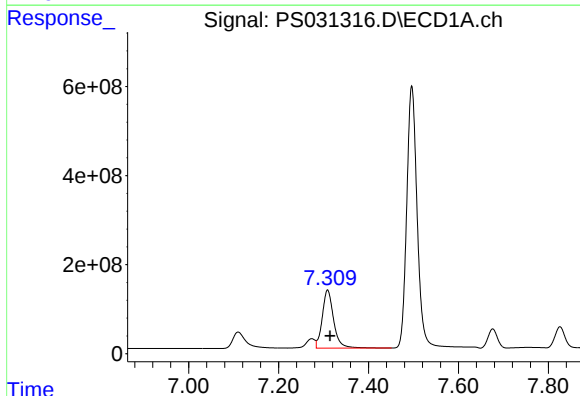
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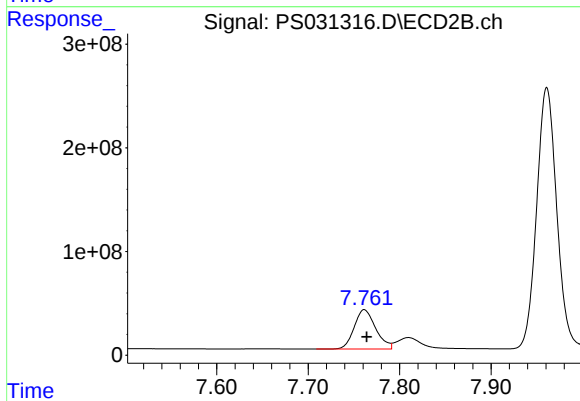
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 860440955
Conc: 666.54 ng/ml



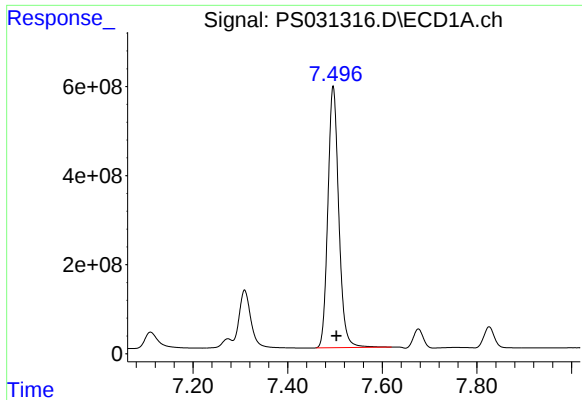
#4 2,4-DCAA

R.T.: 7.309 min
Delta R.T.: -0.006 min
Response: 2291985937
Conc: 786.70 ng/ml



#4 2,4-DCAA

R.T.: 7.762 min
Delta R.T.: -0.003 min
Response: 617638824
Conc: 739.62 ng/ml



#5 DICAMBA

R.T.: 7.496 min
Delta R.T.: -0.007 min
Response: 9362038566
Conc: 724.58 ng/ml

Instrument :

ECD_S

ClientSampleId :

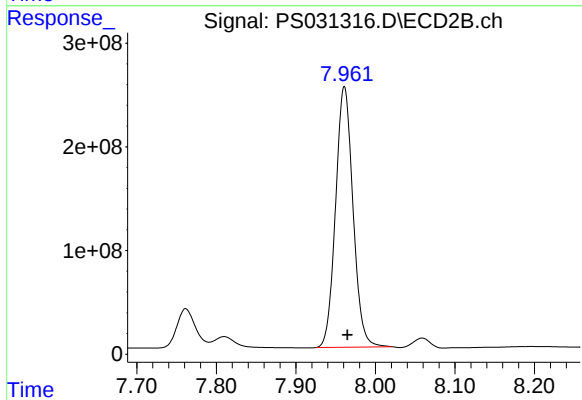
HSTDCCC750

Manual Integrations

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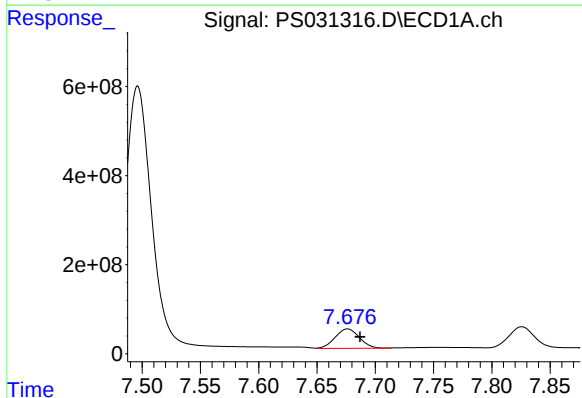
Reviewed By :Yogesh Patel 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



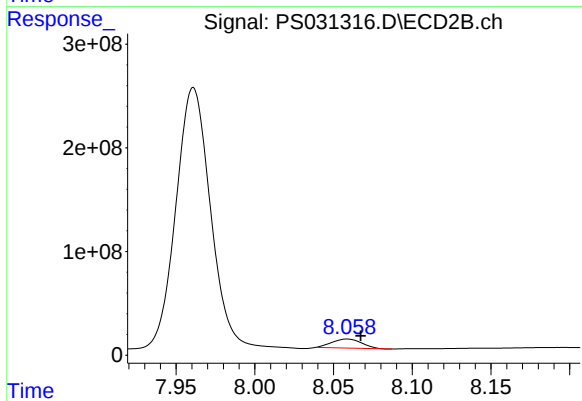
#5 DICAMBA

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 3826073394
Conc: 705.81 ng/ml



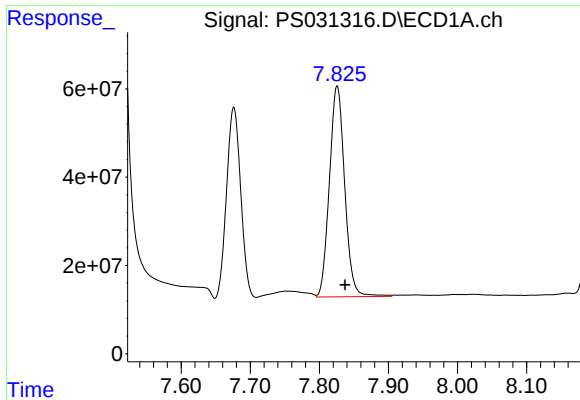
#6 MCP

R.T.: 7.676 min
Delta R.T.: -0.011 min
Response: 634777154
Conc: 78.93 ug/ml m



#6 MCP

R.T.: 8.059 min
Delta R.T.: -0.009 min
Response: 115227192
Conc: 67.41 ug/ml



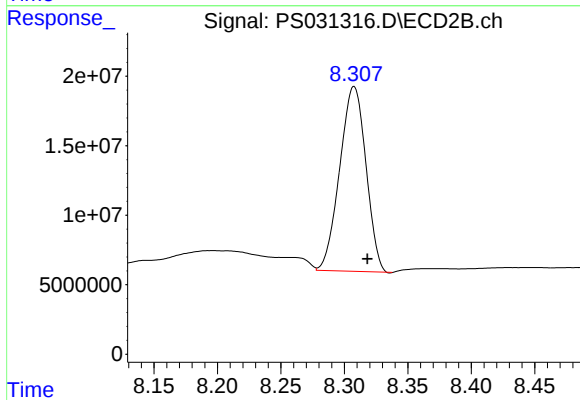
#7 MCPA

R.T.: 7.826 min
Delta R.T.: -0.012 min
Response: 734390109
Conc: 75.12 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

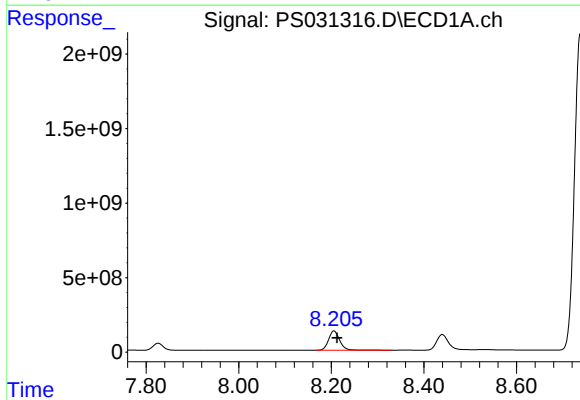
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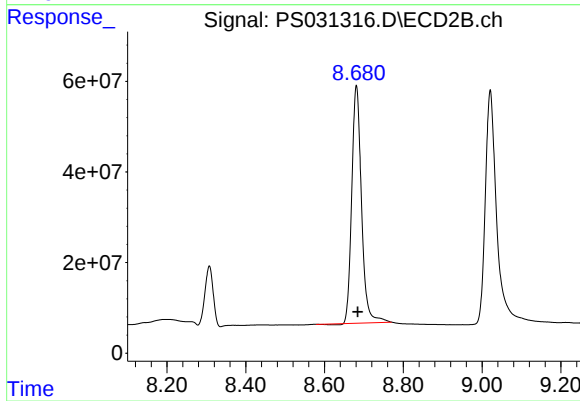
#7 MCPA

R.T.: 8.308 min
Delta R.T.: -0.010 min
Response: 191353581
Conc: 73.77 ug/ml



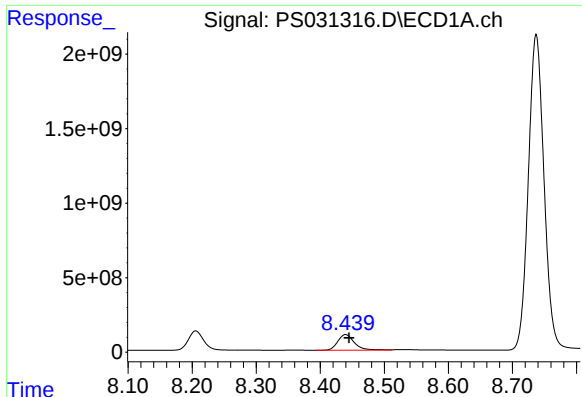
#8 DICHLORPROP

R.T.: 8.206 min
Delta R.T.: -0.007 min
Response: 2163118108
Conc: 711.55 ng/ml



#8 DICHLORPROP

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 898911707
Conc: 691.44 ng/ml



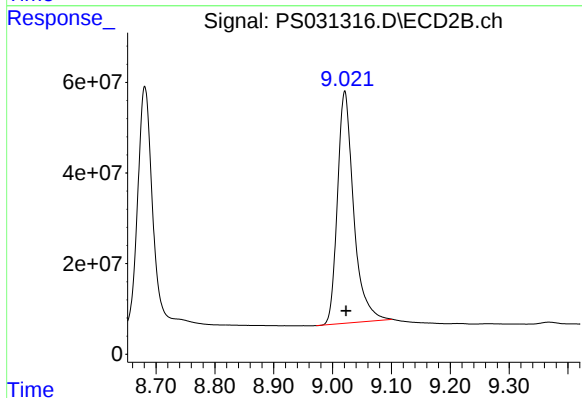
#9 2,4-D

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 1912930491
Conc: 737.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

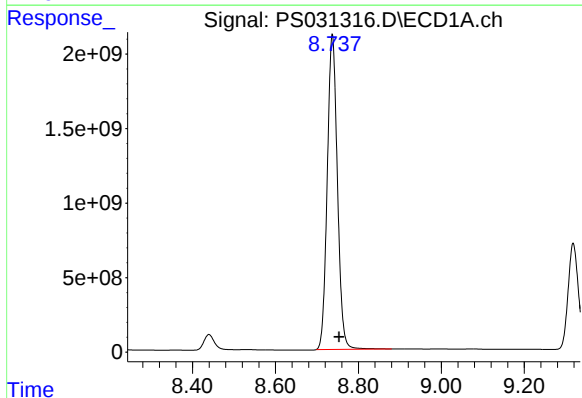
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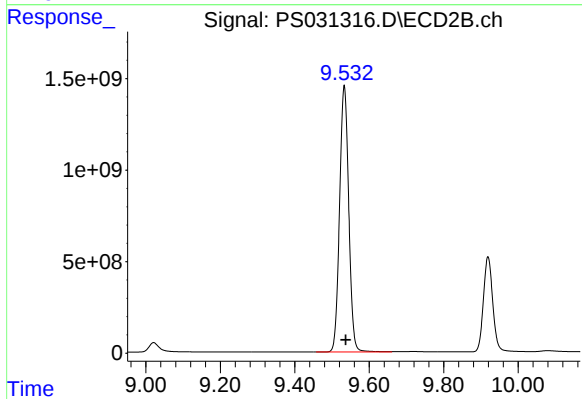
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 981264969
Conc: 703.15 ng/ml



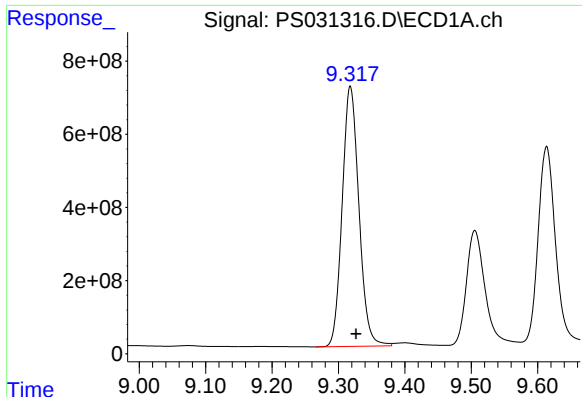
#10 Pentachlorophenol

R.T.: 8.737 min
Delta R.T.: -0.017 min
Response: 35854260604
Conc: 788.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 24820163308
Conc: 740.98 ng/ml



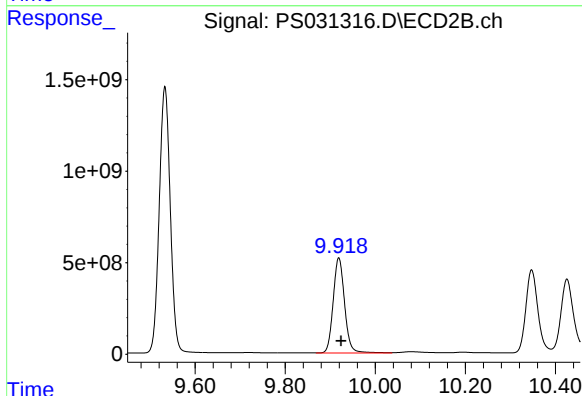
#11 2,4,5-TP (SILVEX)

R.T.: 9.318 min
Delta R.T.: -0.008 min
Response: 12439821677
Conc: 746.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

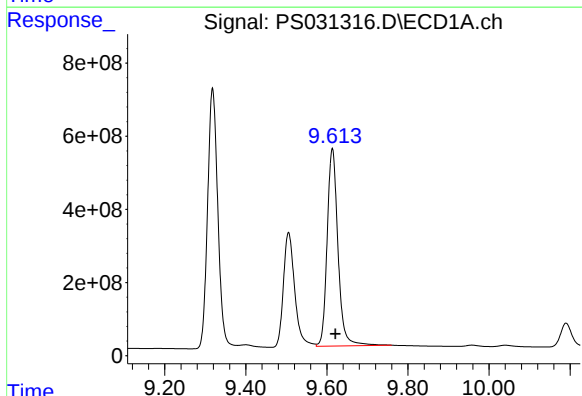
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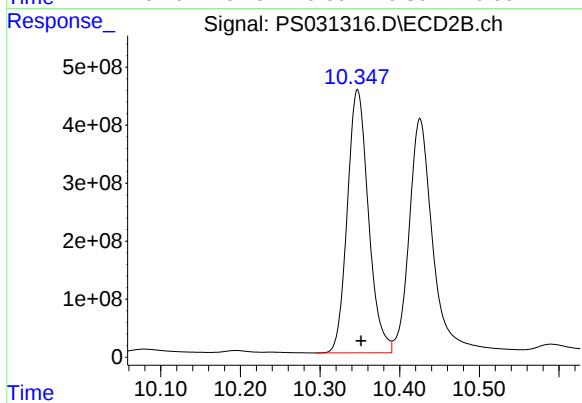
#11 2,4,5-TP (SILVEX)

R.T.: 9.919 min
Delta R.T.: -0.005 min
Response: 9132007070
Conc: 718.90 ng/ml



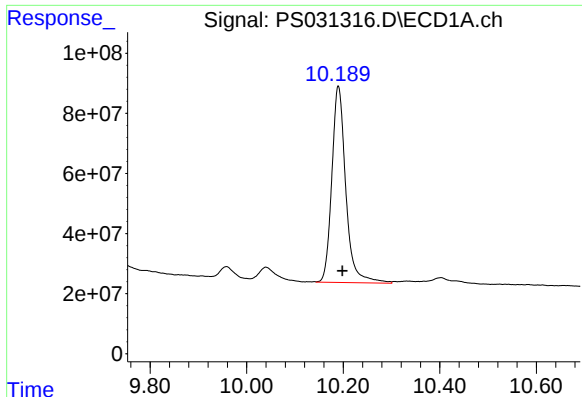
#12 2,4,5-T

R.T.: 9.614 min
Delta R.T.: -0.007 min
Response: 10027107892
Conc: 753.88 ng/ml



#12 2,4,5-T

R.T.: 10.347 min
Delta R.T.: -0.004 min
Response: 8360278093
Conc: 716.72 ng/ml



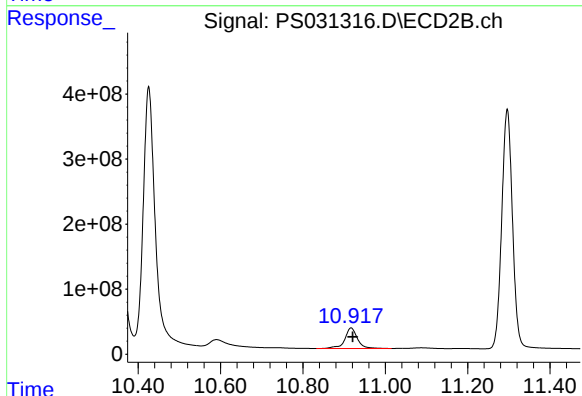
#13 2,4-DB

R.T.: 10.190 min
Delta R.T.: -0.008 min
Response: 1312501382
Conc: 751.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

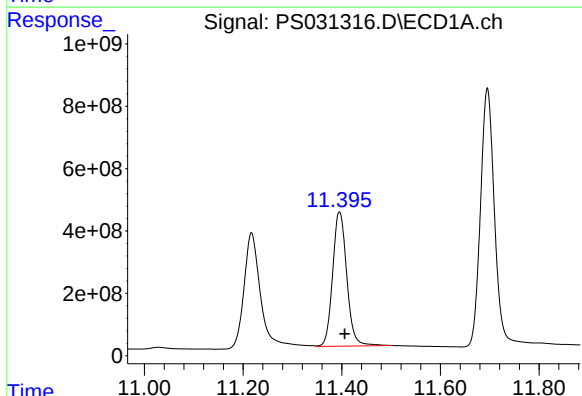
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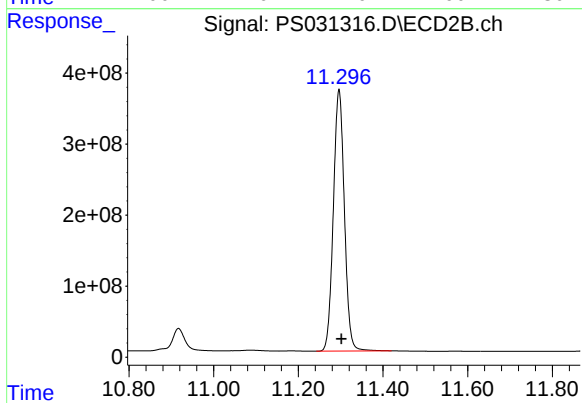
#13 2,4-DB

R.T.: 10.917 min
Delta R.T.: -0.004 min
Response: 675919571
Conc: 699.81 ng/ml



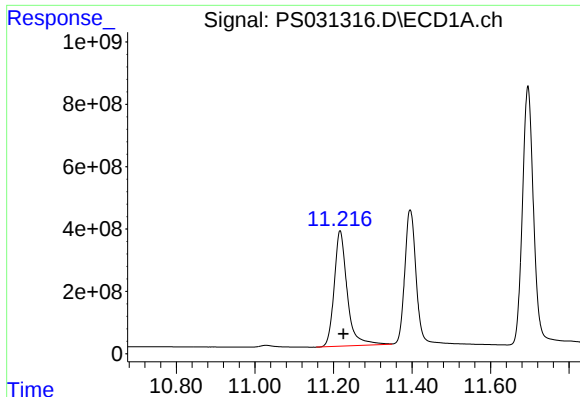
#14 DINOSEB

R.T.: 11.395 min
Delta R.T.: -0.011 min
Response: 8552838665
Conc: 746.09 ng/ml



#14 DINOSEB

R.T.: 11.296 min
Delta R.T.: -0.006 min
Response: 6667326485
Conc: 713.85 ng/ml



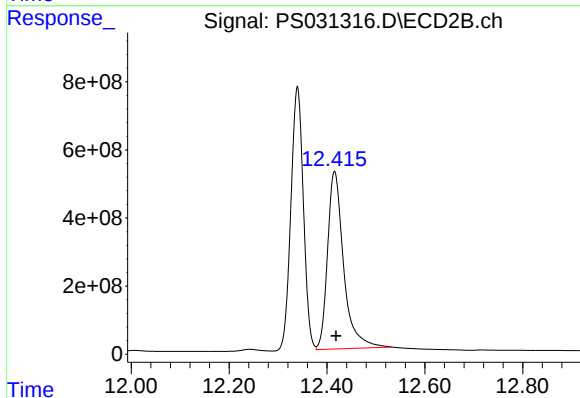
#15 Picloram

R.T.: 11.216 min
Delta R.T.: -0.009 min
Response: 8516325749
Conc: 727.29 ng/ml

Instrument :
ECD_S
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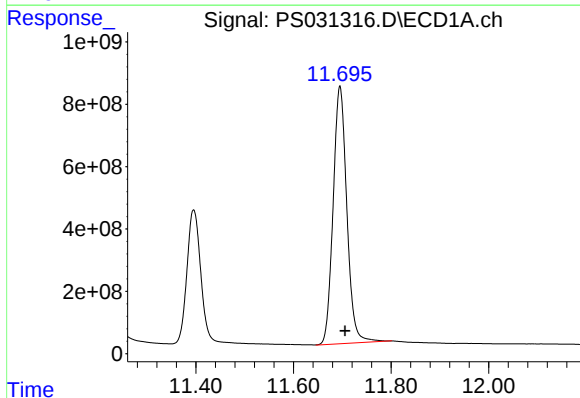
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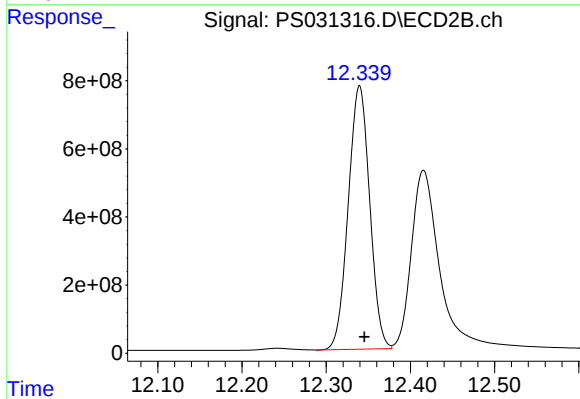
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 11885577613
Conc: 695.27 ng/ml



#16 DCPA

R.T.: 11.695 min
Delta R.T.: -0.011 min
Response: 16084106377
Conc: 775.66 ng/ml m



#16 DCPA

R.T.: 12.340 min
Delta R.T.: -0.006 min
Response: 13684516503
Conc: 733.68 ng/ml