

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071824\
 Data File : PS027197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2024 17:02
 Operator : AR\AJ
 Sample : PB162137BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB162137BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/19/2024
 Supervised By : Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:51:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071224.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 27 04:33:52 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	7.202	7.755	1395.4E6	1197.2E6	551.795	516.328
Target Compounds							
1) T	Dalapon	2.616	2.703	1613.6E6	2070.1E6	485.338	498.800
2) T	3,5-DICHL...	6.378	6.707	2032.5E6	1649.0E6	513.937m	486.187
3) T	4-Nitroph...	7.001	7.283	826.2E6	767.4E6	515.344	464.084
5) T	DICAMBA	7.385	7.954	5633.2E6	5146.8E6	512.703	488.474
6) T	MCPD	7.564	8.054	384.0E6	359.4E6	50.027	46.400
7) T	MCPA	7.710	8.297	511.6E6	485.6E6	50.201	46.389
8) T	DICHLORPROP	8.082	8.667	1397.6E6	1288.6E6	520.832	498.233m
9) T	2,4-D	8.310	8.997	1532.6E6	1455.9E6	532.685	504.974m
10) T	Pentachlo...	8.603	9.525	21500.1E6	20342.9E6	544.155	521.322
11) T	2,4,5-TP ...	9.176	9.899	8122.3E6	8100.7E6	536.570	507.978
12) T	2,4,5-T	9.465	10.318	8079.7E6	8160.3E6	546.632	510.696
13) T	2,4-DB	10.034	10.882	1160.7E6	1001.4E6	537.134	495.485
14) T	DINOSEB	11.230	11.261	5978.2E6	5888.5E6	530.808m	527.082
15) T	Picloram	11.043	12.355	10299.9E6	11464.3E6	528.770	490.303
16) T	DCPA	11.525	12.303	9770.1E6	9047.8E6	544.209	517.201

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

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Manual Integrations

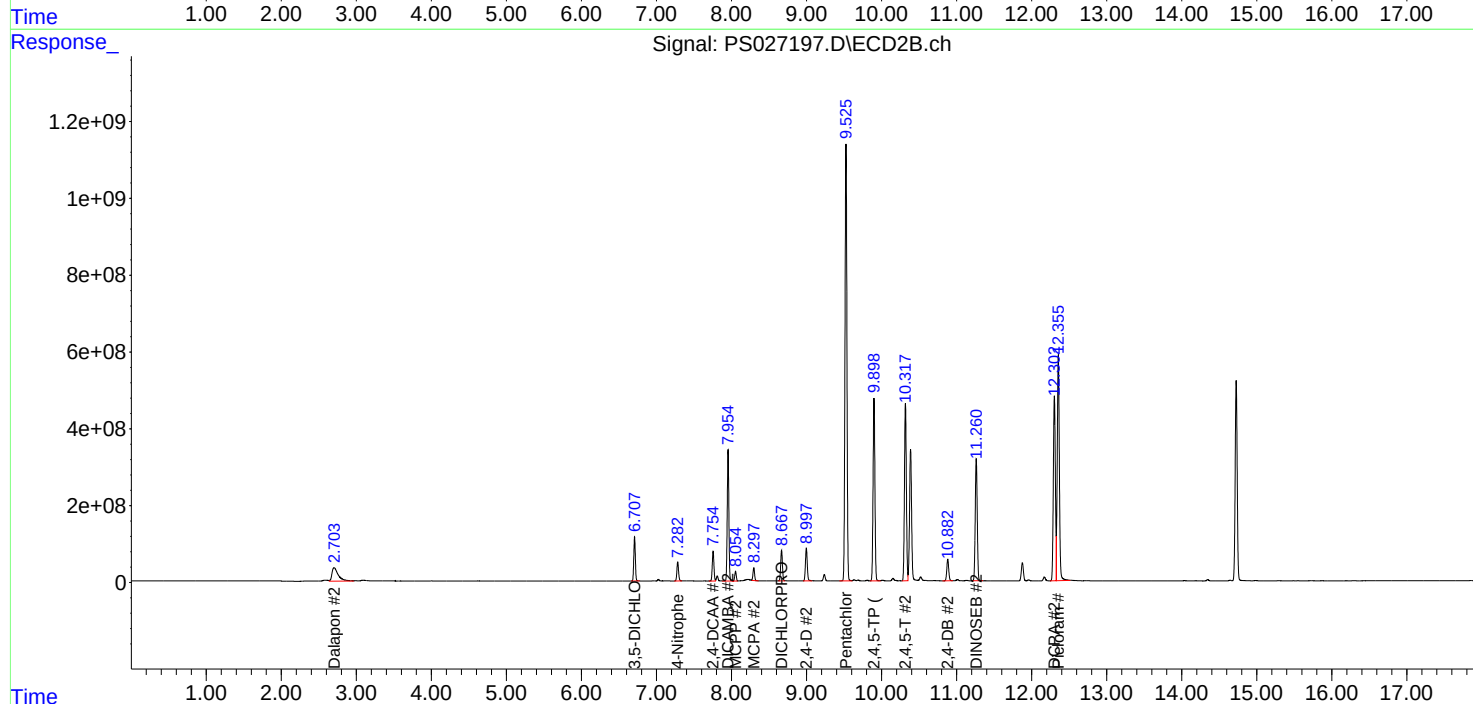
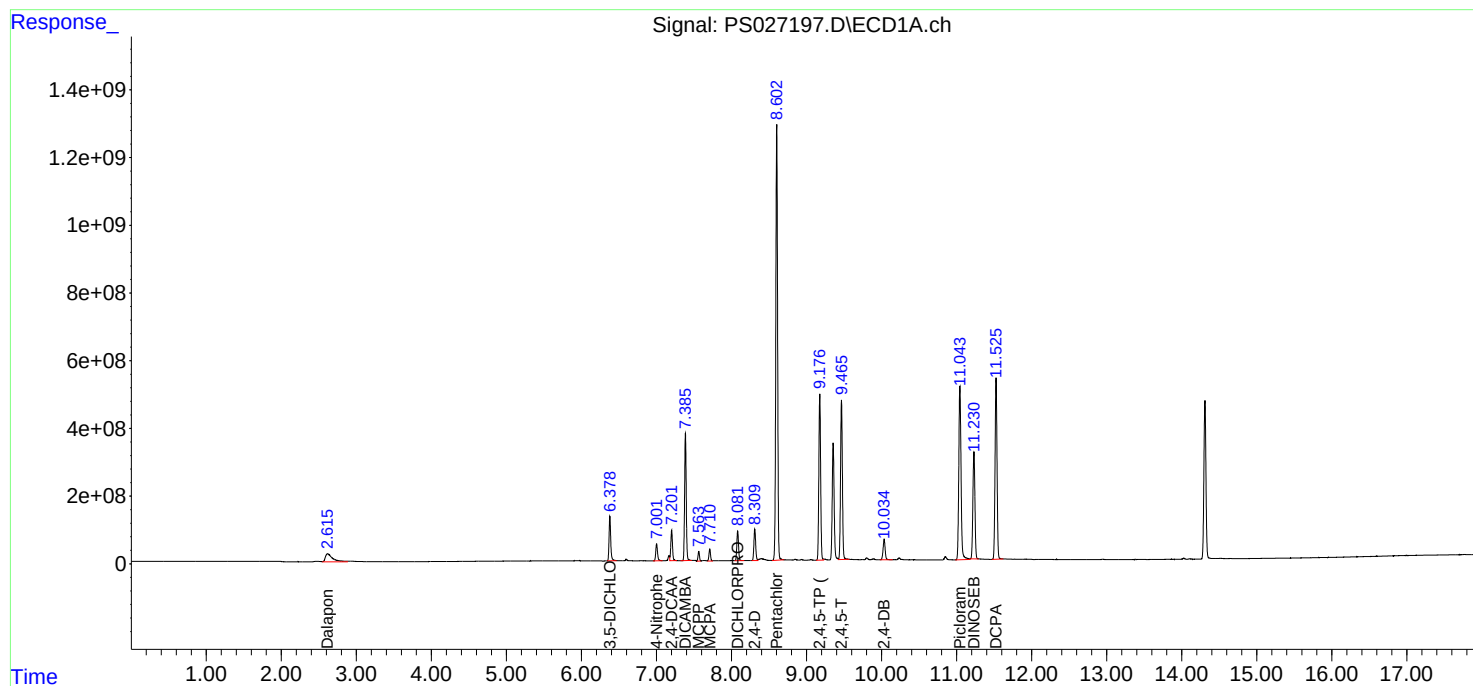
APPROVED

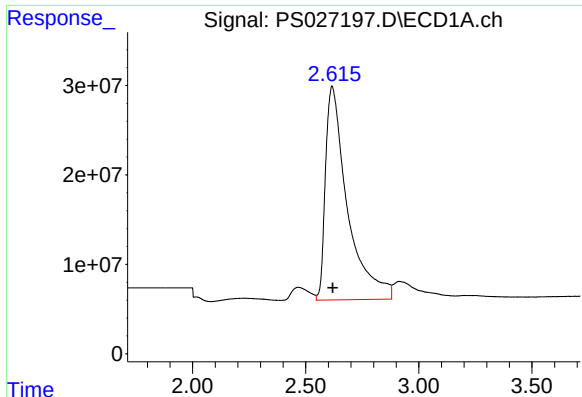
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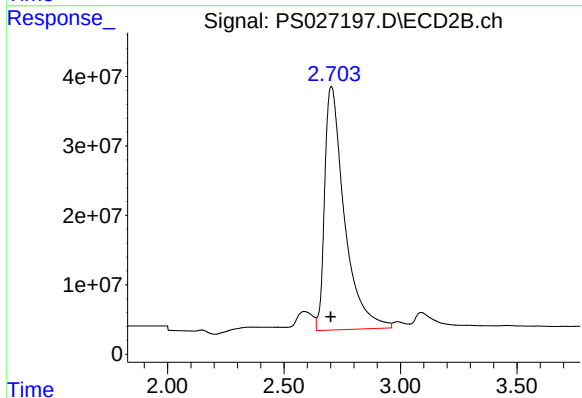
#1 Dalapon

R.T.: 2.616 min
Delta R.T.: -0.003 min
Response: 1613552260
Conc: 485.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB162137BS

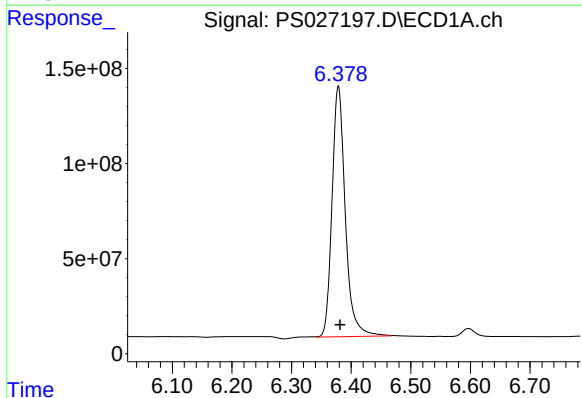
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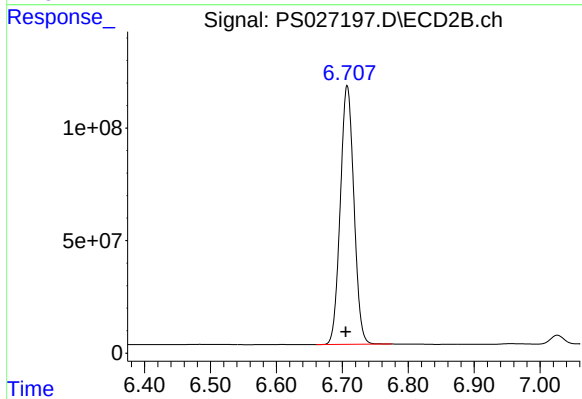
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.003 min
Response: 2070073689
Conc: 498.80 ng/ml



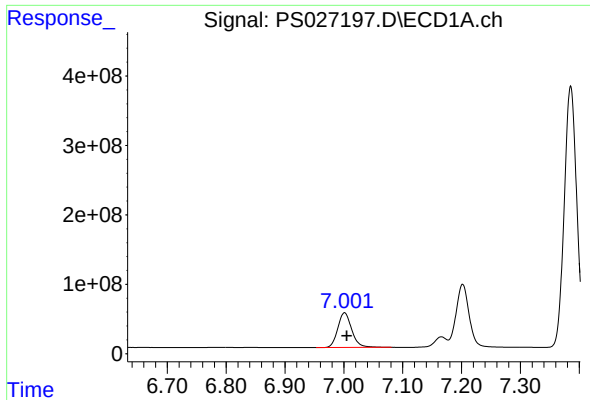
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 2032469745
Conc: 513.94 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 1649007303
Conc: 486.19 ng/ml



#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 826171402
Conc: 515.34 ng/ml

Instrument :

ECD_S

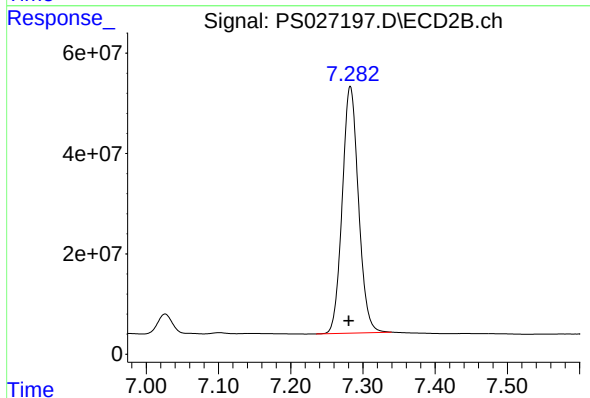
ClientSampleId :

PB162137BS

Manual Integrations

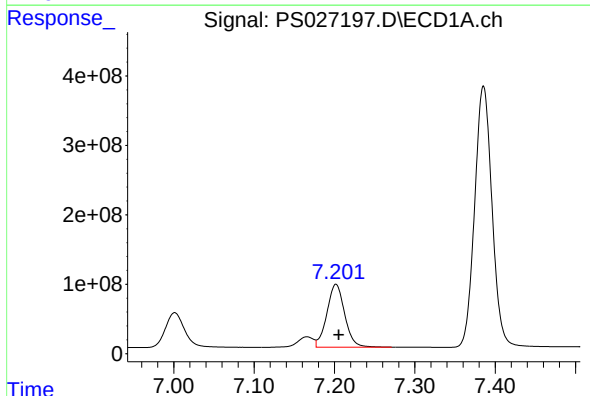
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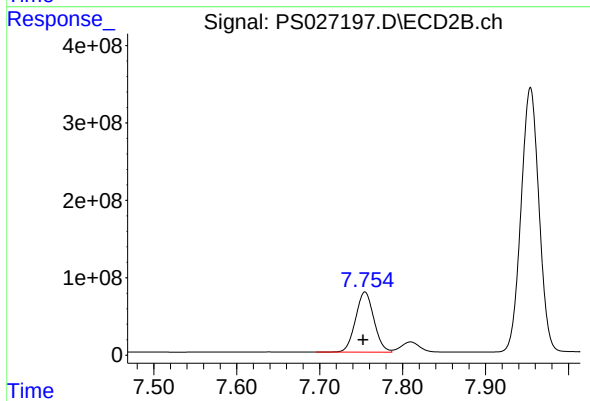
#3 4-Nitrophenol

R.T.: 7.283 min
Delta R.T.: 0.002 min
Response: 767392597
Conc: 464.08 ng/ml



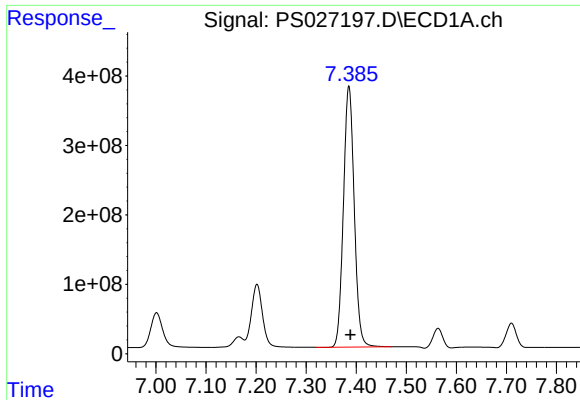
#4 2,4-DCAA

R.T.: 7.202 min
Delta R.T.: -0.003 min
Response: 1395358209
Conc: 551.79 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: 0.002 min
Response: 1197222503
Conc: 516.33 ng/ml



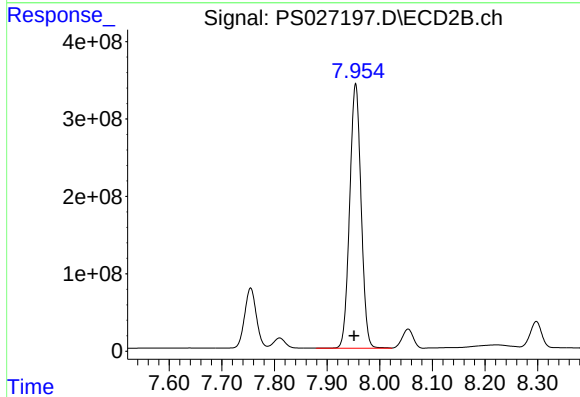
#5 DICAMBA

R.T.: 7.385 min
Delta R.T.: -0.003 min
Response: 5633215065
Conc: 512.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB162137BS

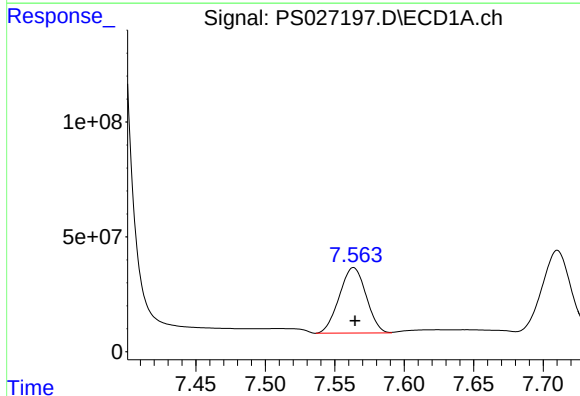
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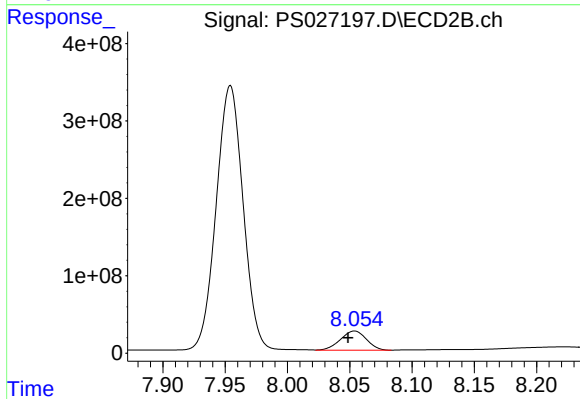
#5 DICAMBA

R.T.: 7.954 min
Delta R.T.: 0.003 min
Response: 5146816997
Conc: 488.47 ng/ml



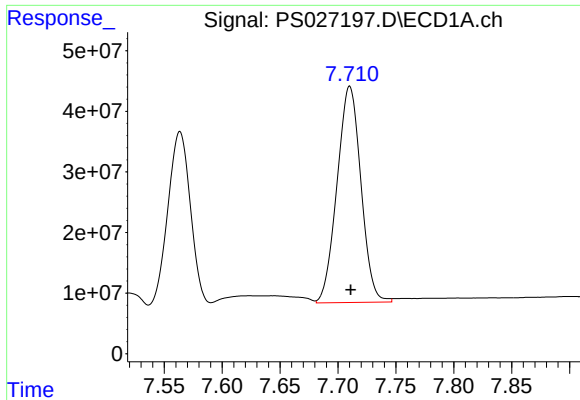
#6 MCP

R.T.: 7.564 min
Delta R.T.: -0.001 min
Response: 384010578
Conc: 50.03 ug/ml



#6 MCP

R.T.: 8.054 min
Delta R.T.: 0.005 min
Response: 359445004
Conc: 46.40 ug/ml



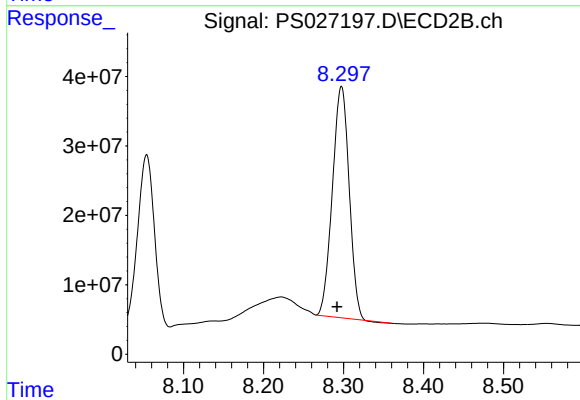
#7 MCPA

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 511552353
Conc: 50.20 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB162137BS

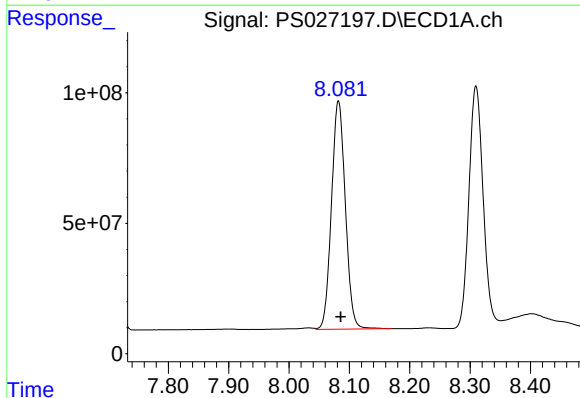
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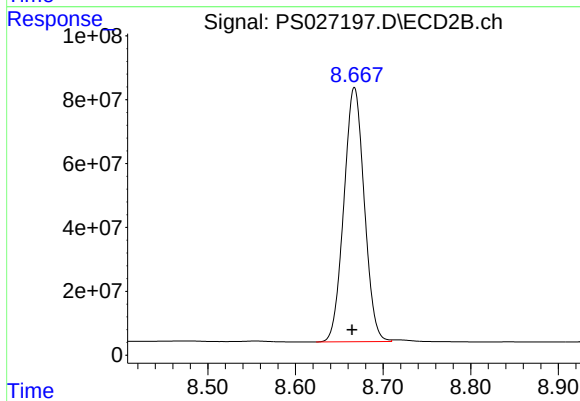
#7 MCPA

R.T.: 8.297 min
Delta R.T.: 0.005 min
Response: 485641283
Conc: 46.39 ug/ml



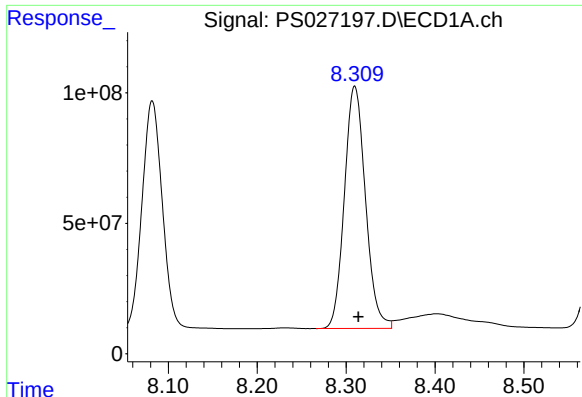
#8 DICHLORPROP

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 1397592983
Conc: 520.83 ng/ml



#8 DICHLORPROP

R.T.: 8.667 min
Delta R.T.: 0.002 min
Response: 1288562221
Conc: 498.23 ng/ml m



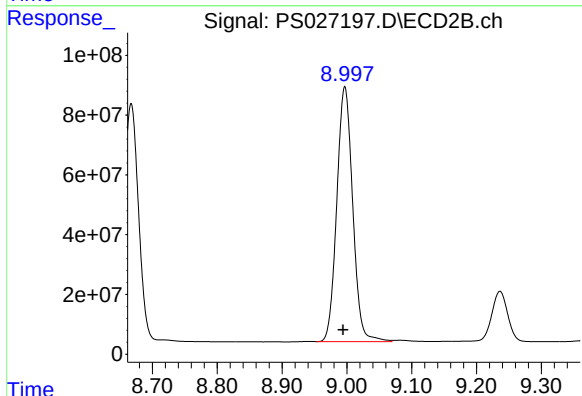
#9 2,4-D

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 1532585075
Conc: 532.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB162137BS

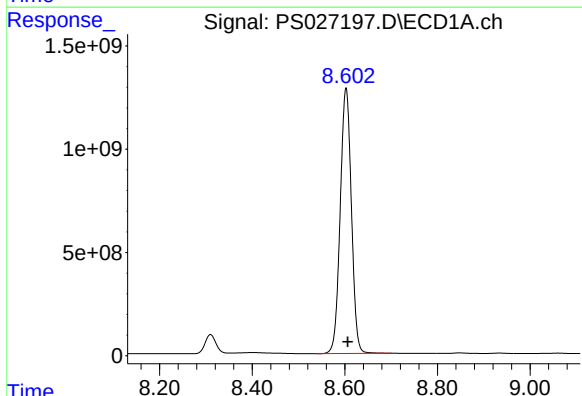
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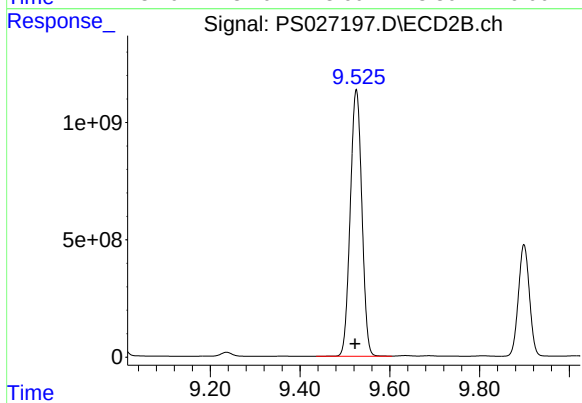
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: 0.003 min
Response: 1455940316
Conc: 504.97 ng/ml m



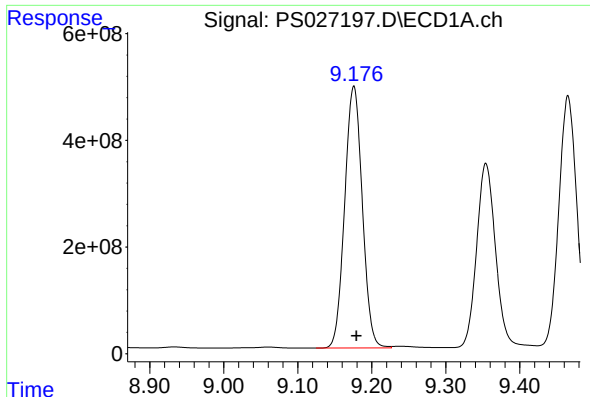
#10 Pentachlorophenol

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 21500119954
Conc: 544.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.525 min
Delta R.T.: 0.003 min
Response: 20342884420
Conc: 521.32 ng/ml



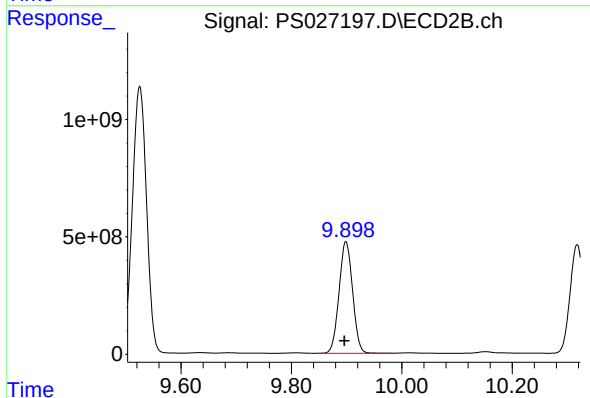
#11 2,4,5-TP (SILVEX)

R.T.: 9.176 min
Delta R.T.: -0.004 min
Response: 8122282045
Conc: 536.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB162137BS

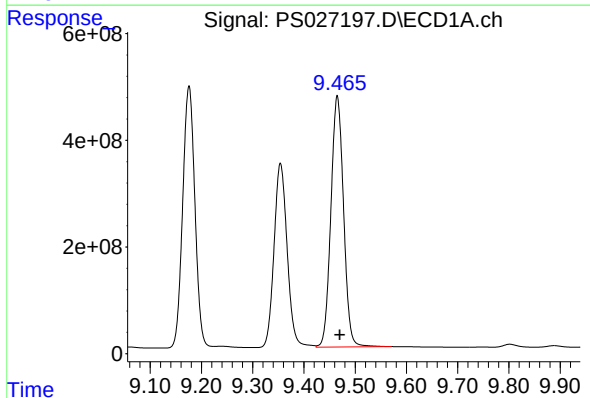
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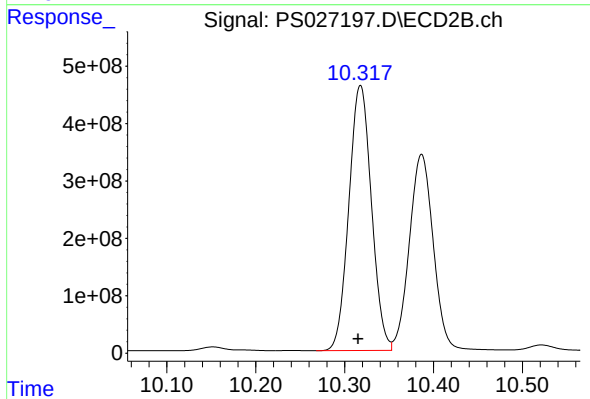
#11 2,4,5-TP (SILVEX)

R.T.: 9.899 min
Delta R.T.: 0.003 min
Response: 8100652694
Conc: 507.98 ng/ml



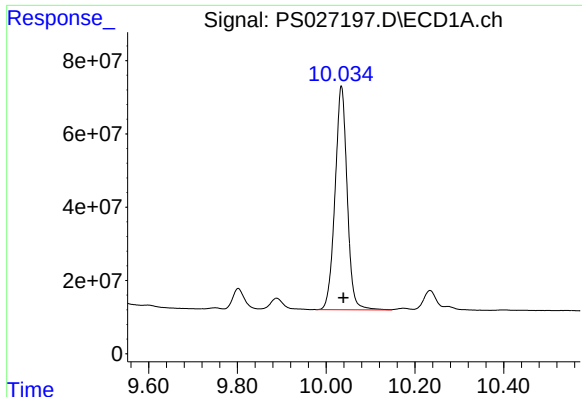
#12 2,4,5-T

R.T.: 9.465 min
Delta R.T.: -0.005 min
Response: 8079720213
Conc: 546.63 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: 0.003 min
Response: 8160264381
Conc: 510.70 ng/ml



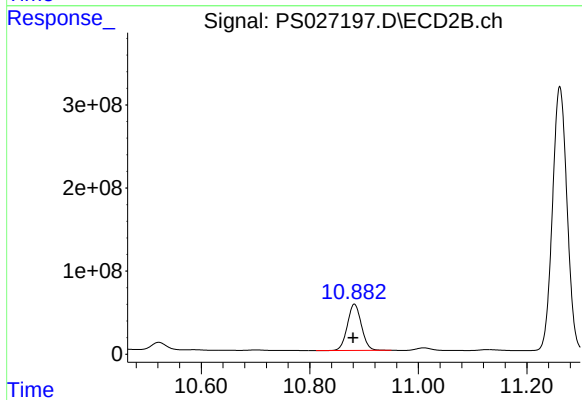
#13 2,4-DB

R.T.: 10.034 min
Delta R.T.: -0.005 min
Response: 1160689590
Conc: 537.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB162137BS

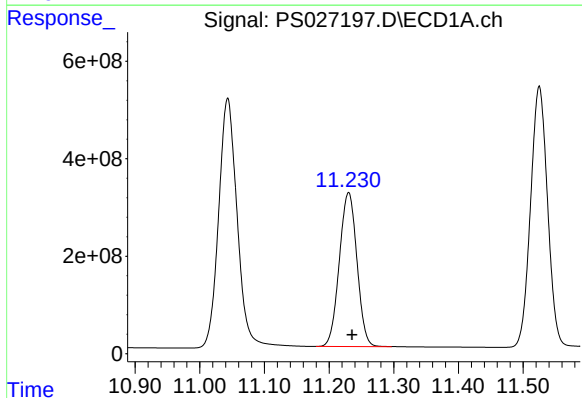
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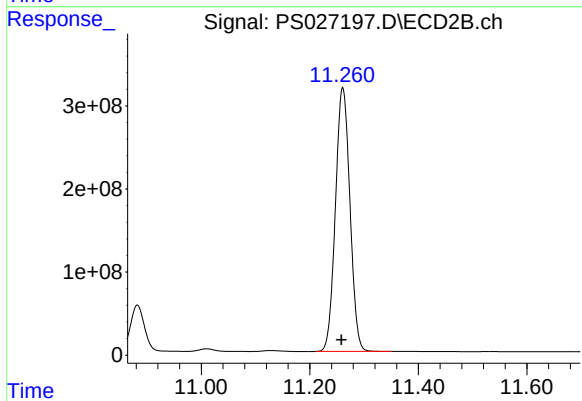
#13 2,4-DB

R.T.: 10.882 min
Delta R.T.: 0.002 min
Response: 1001356496
Conc: 495.48 ng/ml



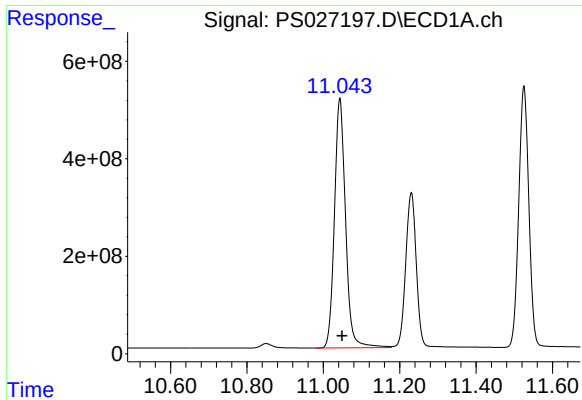
#14 DINOSEB

R.T.: 11.230 min
Delta R.T.: -0.005 min
Response: 5978209543
Conc: 530.81 ng/ml m



#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: 0.002 min
Response: 5888503203
Conc: 527.08 ng/ml



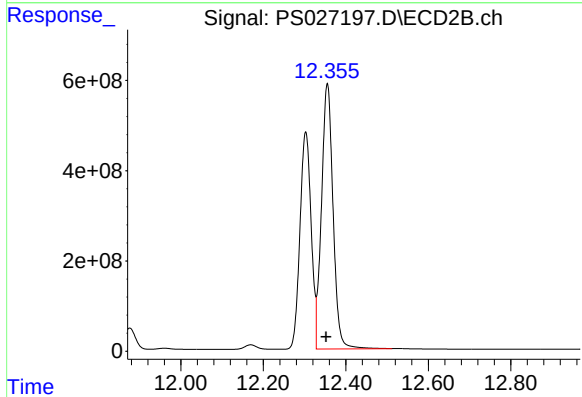
#15 Picloram

R.T.: 11.043 min
Delta R.T.: -0.006 min
Response: 10299941392
Conc: 528.77 ng/ml

Instrument :
ECD_S
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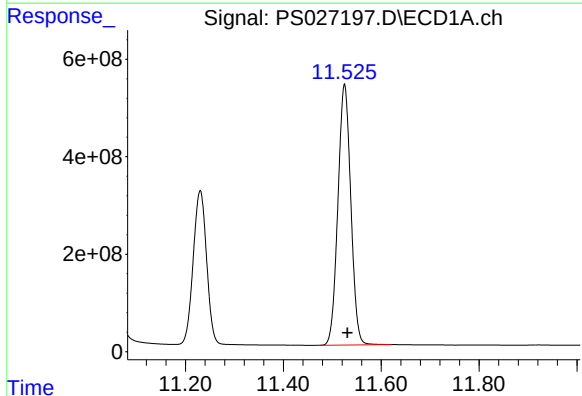
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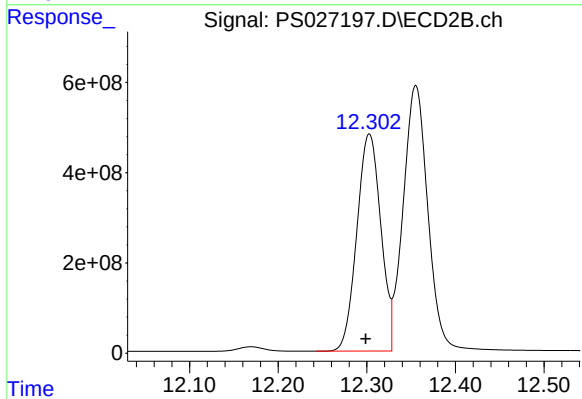
#15 Picloram

R.T.: 12.355 min
Delta R.T.: 0.003 min
Response: 11464288171
Conc: 490.30 ng/ml



#16 DCPA

R.T.: 11.525 min
Delta R.T.: -0.006 min
Response: 9770082373
Conc: 544.21 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.004 min
Response: 9047842796
Conc: 517.20 ng/ml