

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120425\
 Data File : PS032616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2025 19:02
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:43:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 13:46:29 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	7.011	7.378	3431.8E6	3238.5E6	621.298	604.057m
Target Compounds							
1) T	Dalapon	2.476	2.454	5385.7E6	4711.3E6	636.028	645.477
2) T	3,5-DICHL...	6.204	6.370	5032.6E6	4127.7E6	678.511m	675.707
3) T	4-Nitroph...	6.831f	6.947	1175.3E6	1602.9E6	936.761m	670.984m#
5) T	DICAMBA	7.186	7.569	14765.9E6	13069.7E6	664.580	658.757m
6) T	MCPD	7.361	7.672	934.0E6	896.5E6	74.072m	66.884m
7) T	MCPA	7.510	7.918	1139.6E6	1047.8E6	70.481	63.098
8) T	DICHLORPROP	7.879	8.275	3587.4E6	3219.5E6	665.599	648.075
9) T	2,4-D	8.115	8.611	4224.6E6	3507.2E6	691.914	624.454
10) T	Pentachlo...	8.386	9.079	49044.0E6	40831.5E6	668.879	668.295
11) T	2,4,5-TP ...	8.960	9.480	22336.5E6	18253.6E6	668.469	636.267
12) T	2,4,5-T	9.255	9.906	25303.6E6	17870.9E6	601.861	639.934m
13) T	2,4-DB	9.819	10.464	2782.5E6	2864.1E6	892.094m	703.099
14) T	DINOSEB	10.996	10.850	15778.9E6	11390.7E6	572.193	629.859m
15) T	Picloram	10.838	11.968	29957.1E6	22517.8E6	761.404	625.555
16) T	DCPA	11.286	11.856	27342.1E6	21227.8E6	682.414	623.937

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

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Acq On : 04 Dec 2025 19:02
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

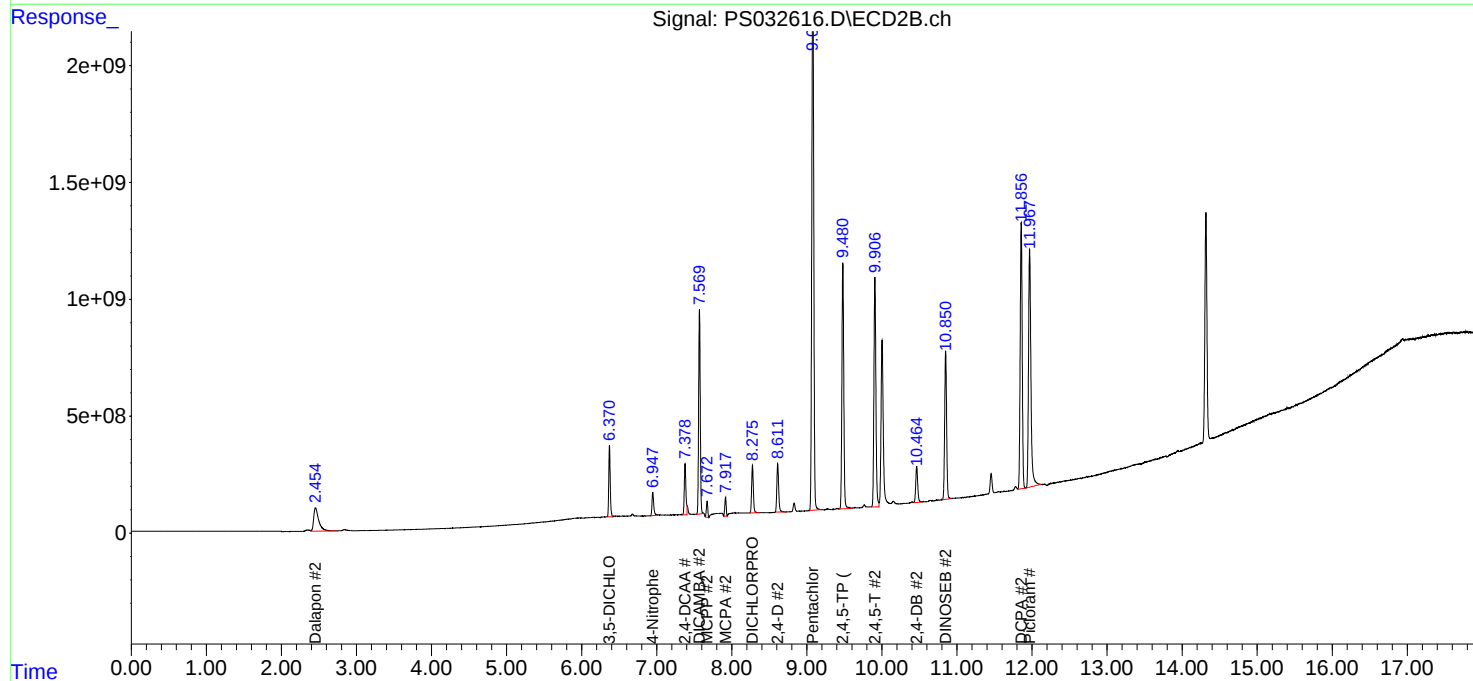
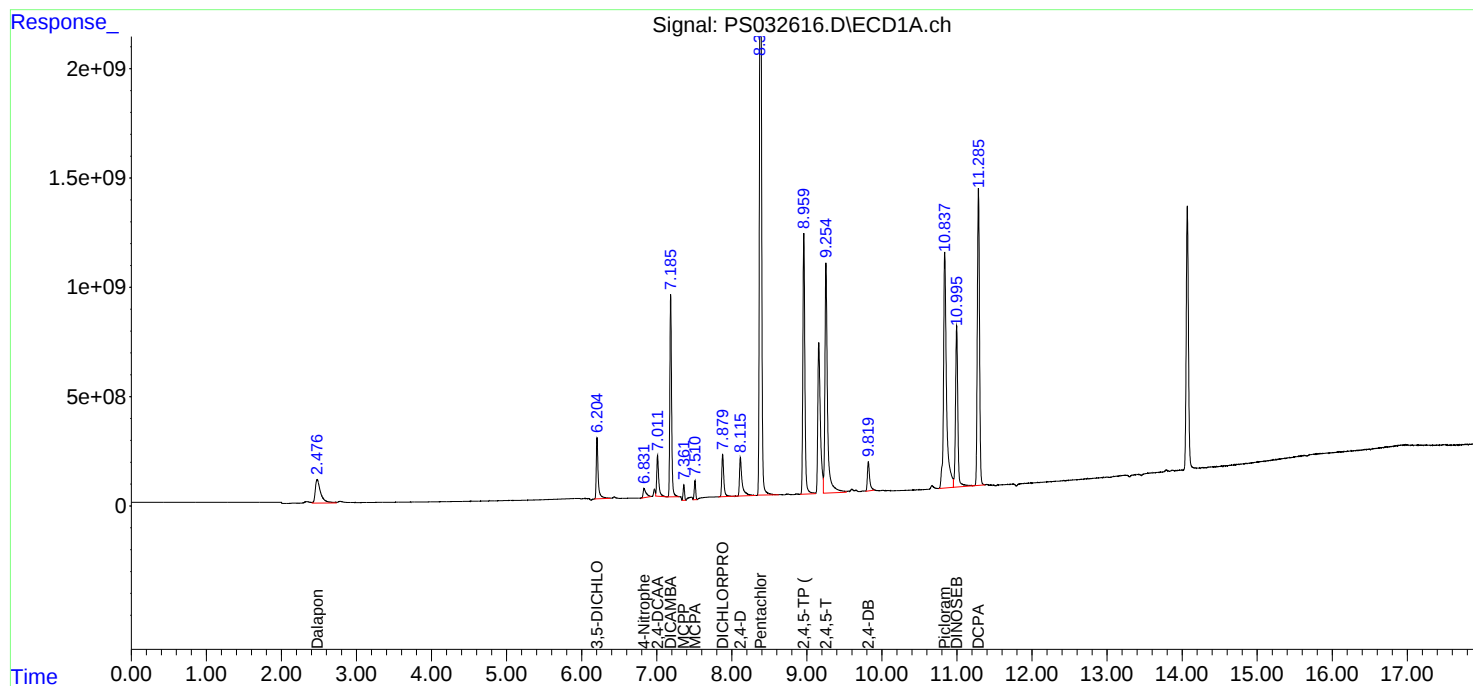
Instrument :
ECD_S
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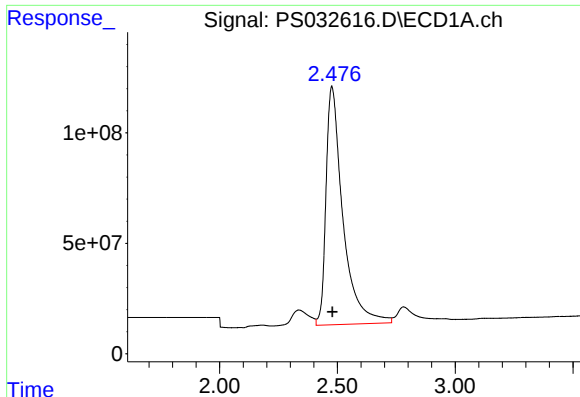
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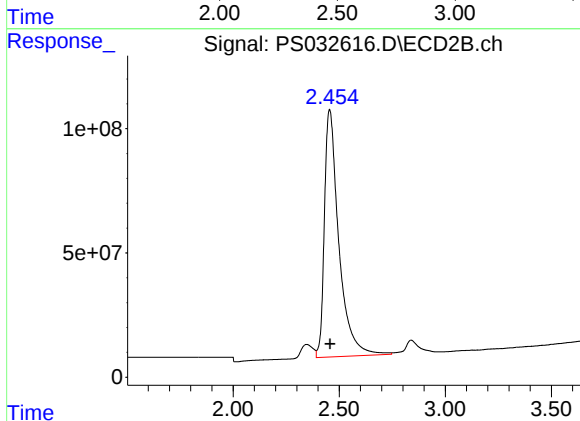
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: -0.002 min
Response: 5385663442
Conc: 636.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

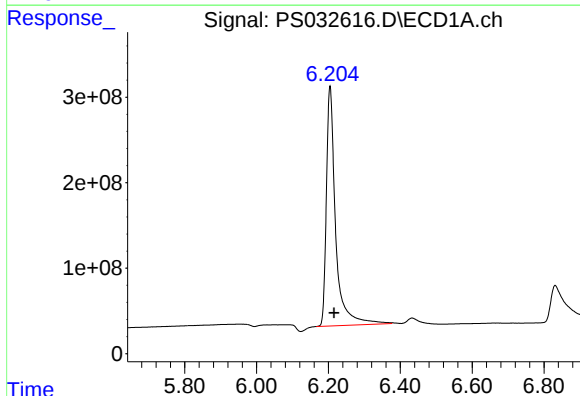
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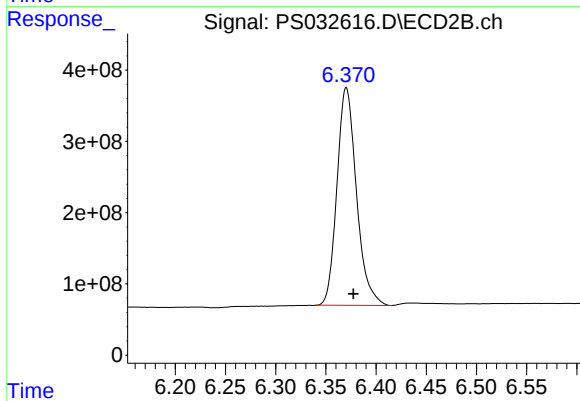
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.002 min
Response: 4711299975
Conc: 645.48 ng/ml



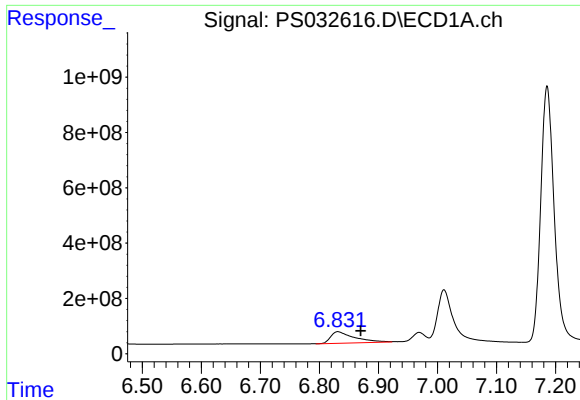
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.204 min
Delta R.T.: -0.012 min
Response: 5032636685
Conc: 678.51 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.370 min
Delta R.T.: -0.007 min
Response: 4127652325
Conc: 675.71 ng/ml



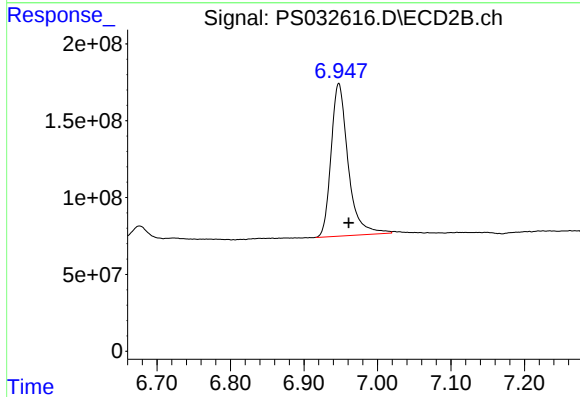
#3 4-Nitrophenol

R.T.: 6.831 min
Delta R.T.: -0.039 min
Response: 1175262358
Conc: 936.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

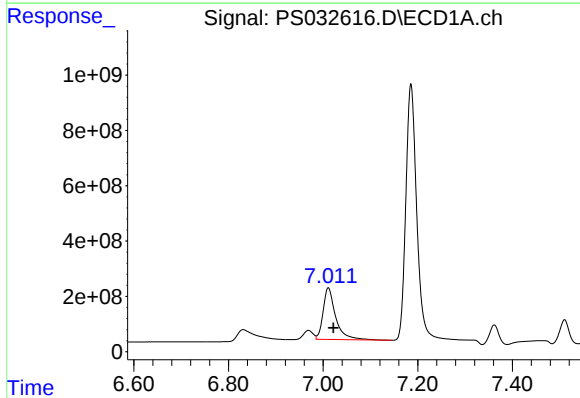
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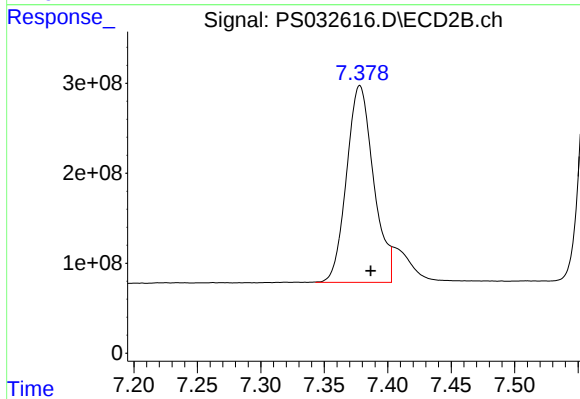
#3 4-Nitrophenol

R.T.: 6.947 min
Delta R.T.: -0.014 min
Response: 1602923200
Conc: 670.98 ng/ml m



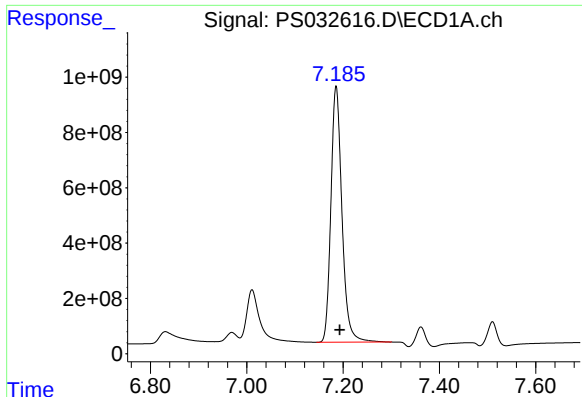
#4 2,4-DCAA

R.T.: 7.011 min
Delta R.T.: -0.010 min
Response: 3431833042
Conc: 621.30 ng/ml



#4 2,4-DCAA

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 3238477446
Conc: 604.06 ng/ml m



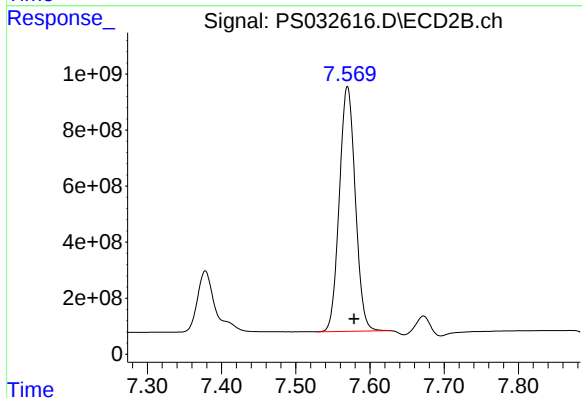
#5 DICAMBA

R.T.: 7.186 min
Delta R.T.: -0.007 min
Response: 14765869077
Conc: 664.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

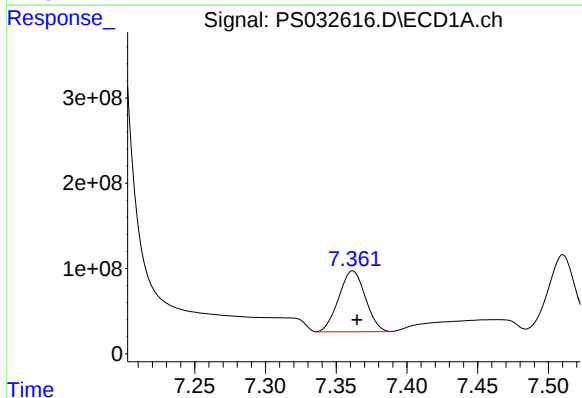
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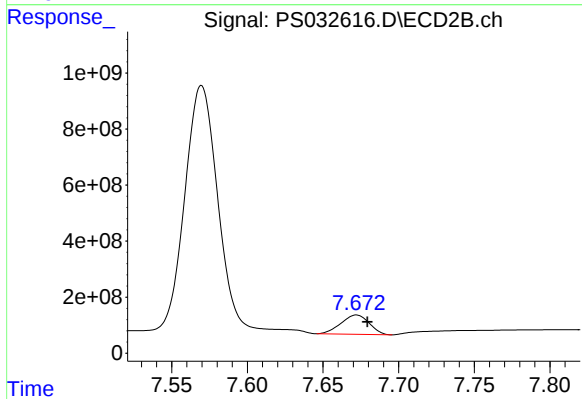
#5 DICAMBA

R.T.: 7.569 min
Delta R.T.: -0.009 min
Response: 13069658375
Conc: 658.76 ng/ml m



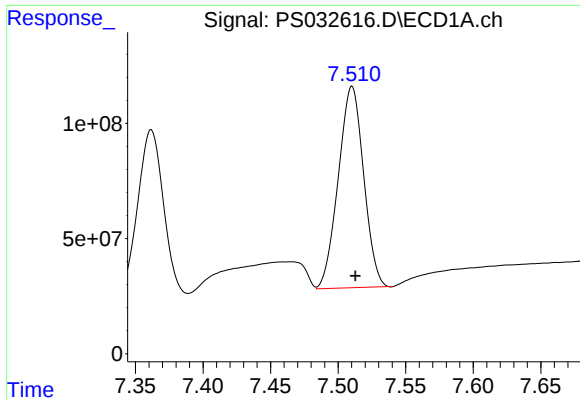
#6 MCP

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 934002250
Conc: 74.07 ug/ml m



#6 MCP

R.T.: 7.672 min
Delta R.T.: -0.008 min
Response: 896533238
Conc: 66.88 ug/ml m



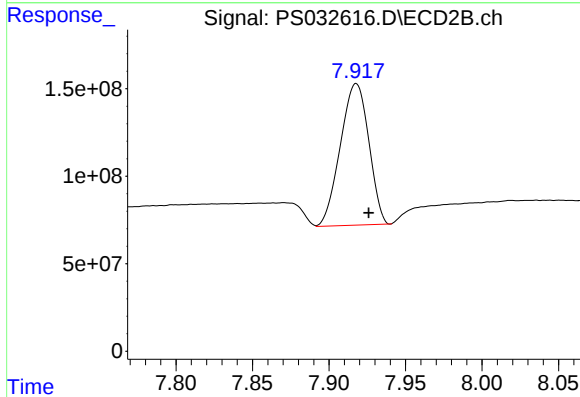
#7 MCPA

R.T.: 7.510 min
Delta R.T.: -0.003 min
Response: 1139649127
Conc: 70.48 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

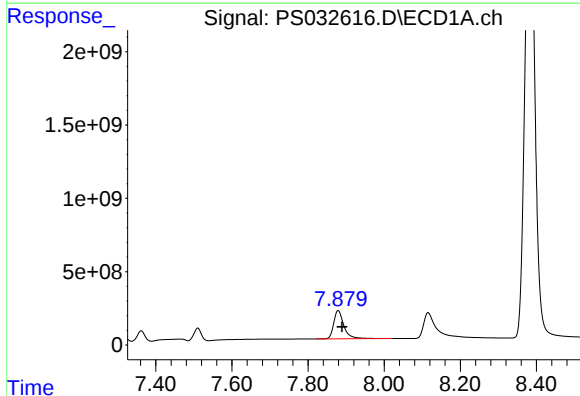
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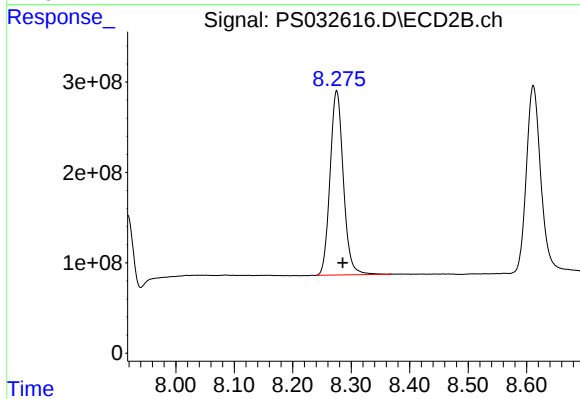
#7 MCPA

R.T.: 7.918 min
Delta R.T.: -0.008 min
Response: 1047766353
Conc: 63.10 ug/ml



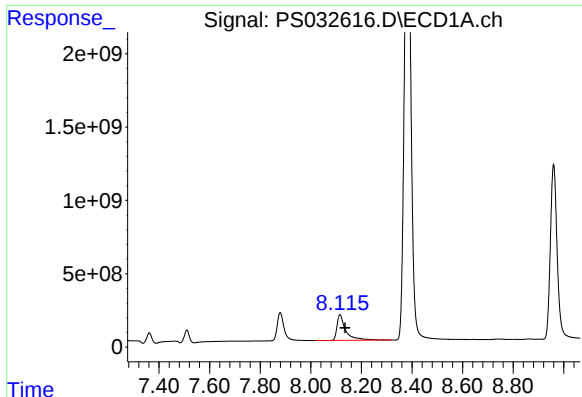
#8 DICHLORPROP

R.T.: 7.879 min
Delta R.T.: -0.011 min
Response: 3587396811
Conc: 665.60 ng/ml



#8 DICHLORPROP

R.T.: 8.275 min
Delta R.T.: -0.010 min
Response: 3219519239
Conc: 648.07 ng/ml



#9 2,4-D

R.T.: 8.115 min
Delta R.T.: -0.019 min
Response: 4224591377
Conc: 691.91 ng/ml

Instrument :

ECD_S

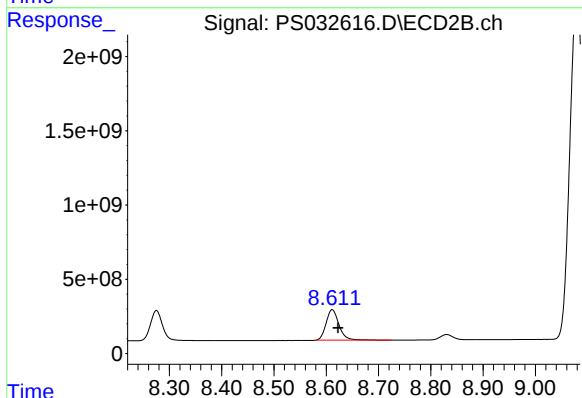
ClientSampleId :

HSTDCCC750

Manual Integrations

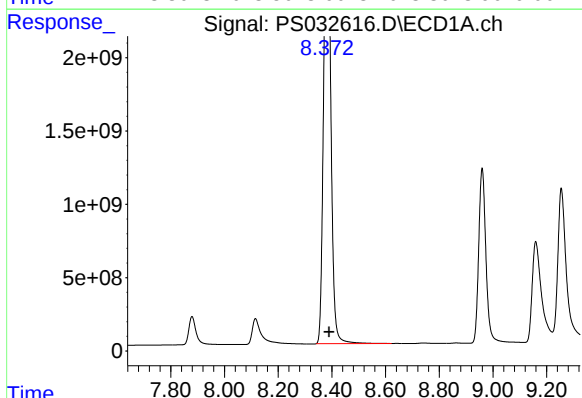
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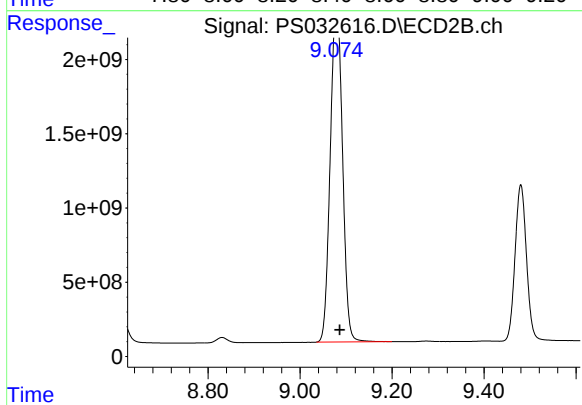
#9 2,4-D

R.T.: 8.611 min
Delta R.T.: -0.012 min
Response: 3507202249
Conc: 624.45 ng/ml



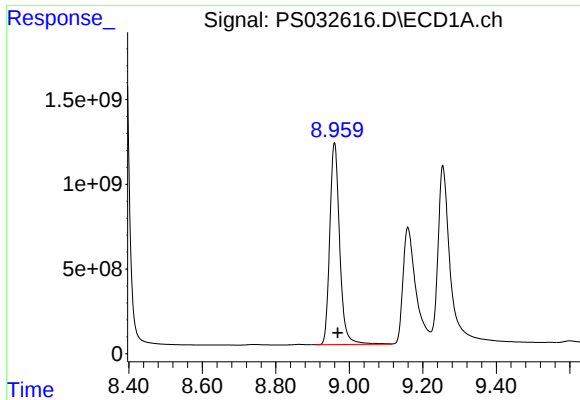
#10 Pentachlorophenol

R.T.: 8.386 min
Delta R.T.: -0.004 min
Response: 49043991564
Conc: 668.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.079 min
Delta R.T.: -0.007 min
Response: 40831453094
Conc: 668.29 ng/ml



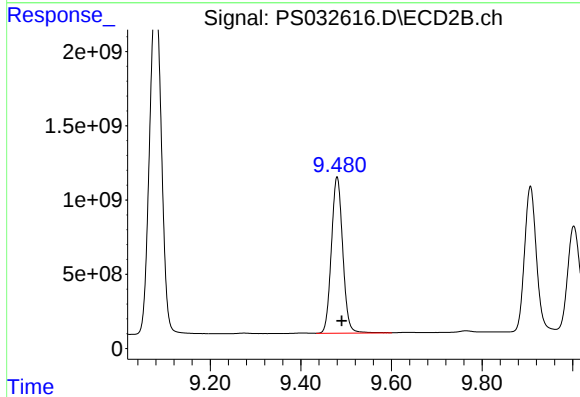
#11 2,4,5-TP (SILVEX)

R.T.: 8.960 min
Delta R.T.: -0.009 min
Response: 22336533426
Conc: 668.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

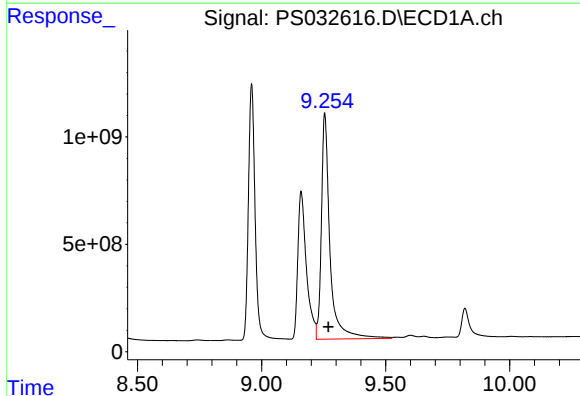
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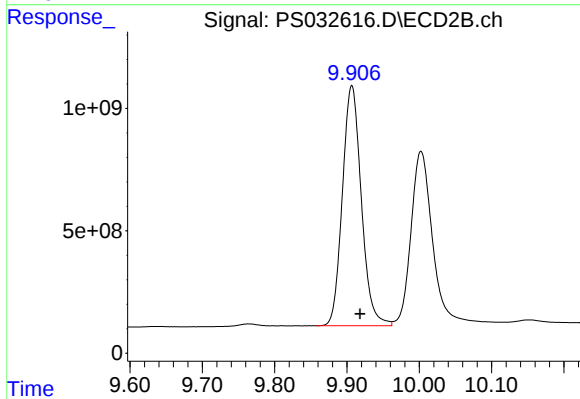
#11 2,4,5-TP (SILVEX)

R.T.: 9.480 min
Delta R.T.: -0.010 min
Response: 18253573103
Conc: 636.27 ng/ml



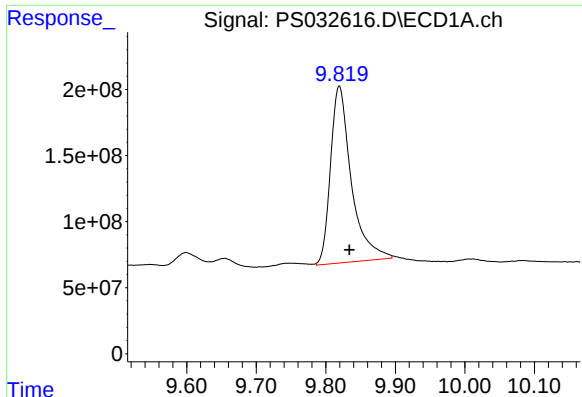
#12 2,4,5-T

R.T.: 9.255 min
Delta R.T.: -0.015 min
Response: 25303559808
Conc: 601.86 ng/ml



#12 2,4,5-T

R.T.: 9.906 min
Delta R.T.: -0.012 min
Response: 17870903117
Conc: 639.93 ng/ml m



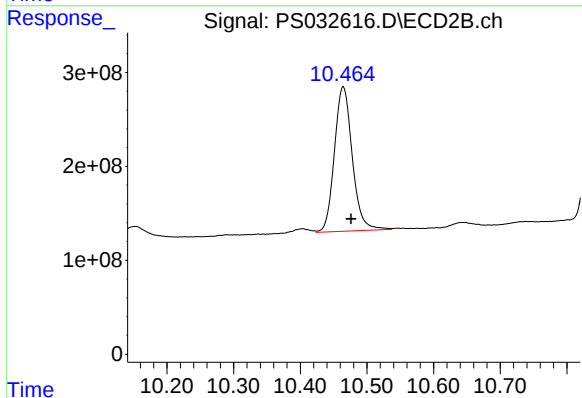
#13 2,4-DB

R.T.: 9.819 min
Delta R.T.: -0.015 min
Response: 2782544076
Conc: 892.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

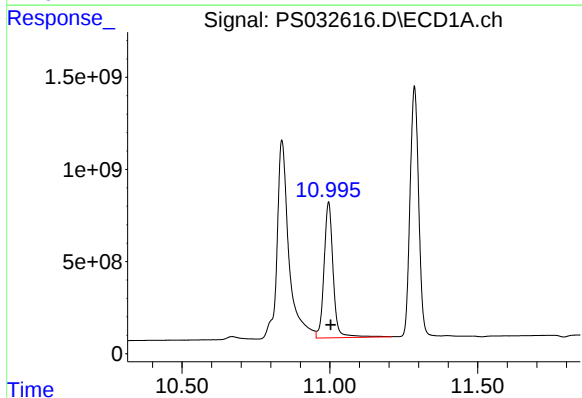
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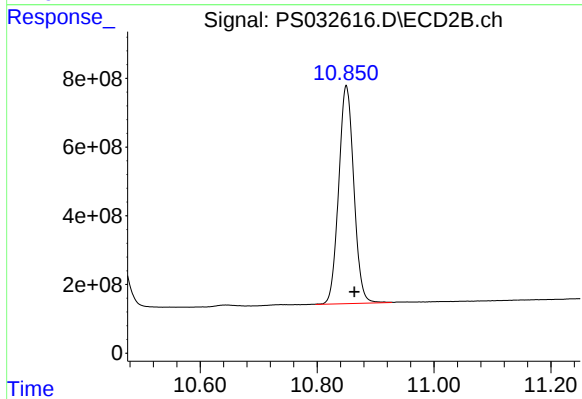
#13 2,4-DB

R.T.: 10.464 min
Delta R.T.: -0.012 min
Response: 2864114878
Conc: 703.10 ng/ml



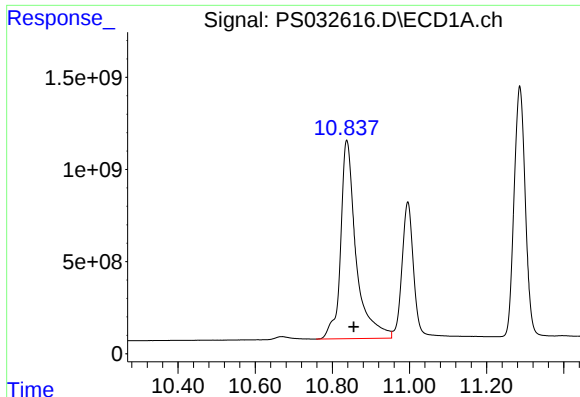
#14 DINOSEB

R.T.: 10.996 min
Delta R.T.: -0.007 min
Response: 15778879517
Conc: 572.19 ng/ml



#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.014 min
Response: 11390711162
Conc: 629.86 ng/ml m



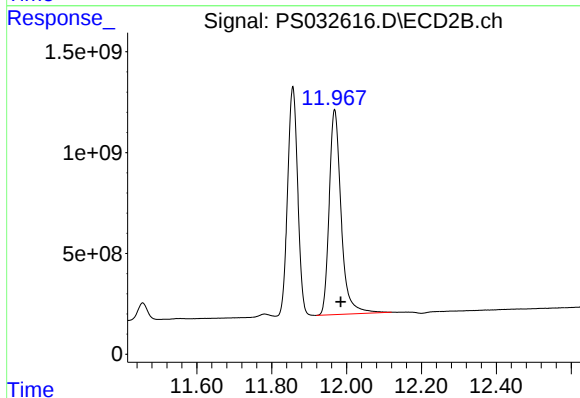
#15 Picloram

R.T.: 10.838 min
Delta R.T.: -0.018 min
Response: 29957097198
Conc: 761.40 ng/ml

Instrument :
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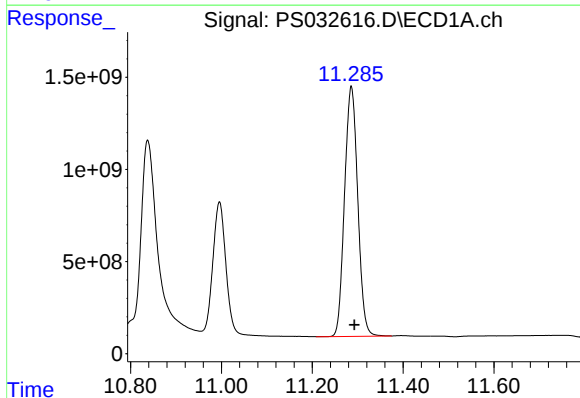
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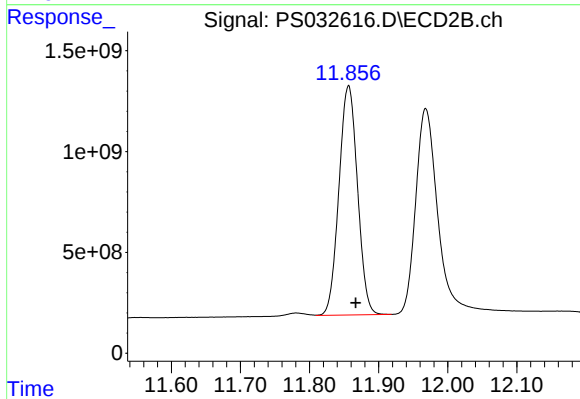
#15 Picloram

R.T.: 11.968 min
Delta R.T.: -0.016 min
Response: 22517769823
Conc: 625.55 ng/ml



#16 DCPA

R.T.: 11.286 min
Delta R.T.: -0.007 min
Response: 27342104946
Conc: 682.41 ng/ml



#16 DCPA

R.T.: 11.856 min
Delta R.T.: -0.011 min
Response: 21227794257
Conc: 623.94 ng/ml