

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS121125\
 Data File : PS032699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 23:43
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 00:33:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS121025.M
 Quant Title : 8080.M
 QLast Update : Thu Dec 11 01:33:06 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	7.312	7.987	4897.9E6	2077.4E6	686.375	741.840
Target Compounds							
1) T	Dalapon	2.683	2.839	6260.0E6	3091.4E6	583.989	665.256
2) T	3,5-DICHL...	6.469	6.906	5686.3E6	2759.1E6	658.565	703.929
3) T	4-Nitroph...	7.110	7.504	2795.3E6	1352.9E6	620.769	685.790
5) T	DICAMBA	7.505	8.197	16422.1E6	8142.8E6	659.829	713.128
6) T	MCPD	7.690	8.296	1114.5E6	598.3E6	68.730	73.769
7) T	MCPA	7.842	8.550	1380.4E6	830.6E6	66.694	75.052
8) T	DICHLORPROP	8.226	8.929	4145.0E6	2048.7E6	646.502m	691.289
9) T	2,4-D	8.460	9.270	5197.5E6	2388.9E6	700.754	696.245
10) T	Pentachlo...	8.773	9.823	52398.7E6	30307.0E6	659.654	731.268
11) T	2,4,5-TP ...	9.359	10.193	25280.0E6	12235.3E6	670.598	718.322
12) T	2,4,5-T	9.655	10.623	25474.8E6	12748.2E6	668.187	722.543
13) T	2,4-DB	10.236	11.196	4078.9E6	1722.9E6	644.744m	700.889
14) T	DINOSEB	11.465	11.580	17647.9E6	8932.2E6	650.449	708.568
15) T	Picloram	11.269	12.706	31040.5E6	17288.2E6	649.901	692.332
16) T	DCPA	11.759	12.642	32696.8E6	14665.2E6	679.699	708.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS121125\
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Acq On : 11 Dec 2025 23:43
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

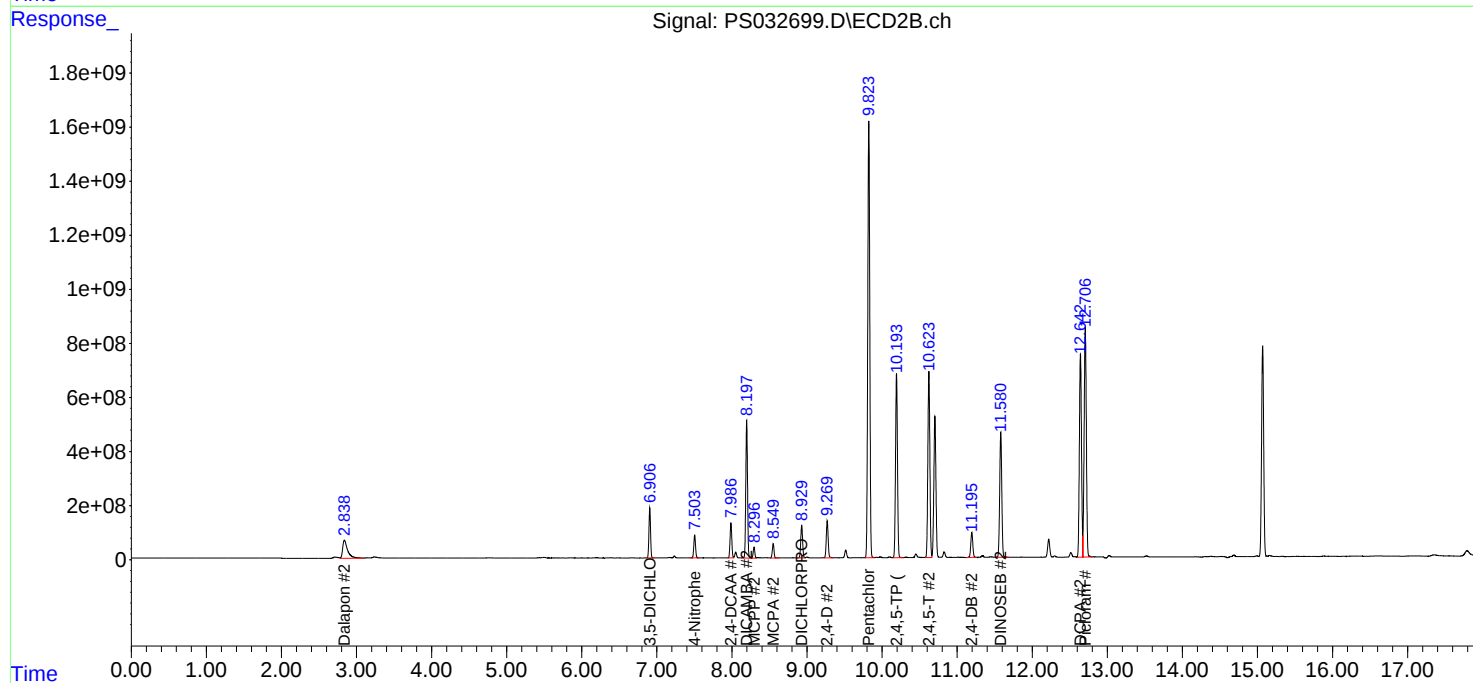
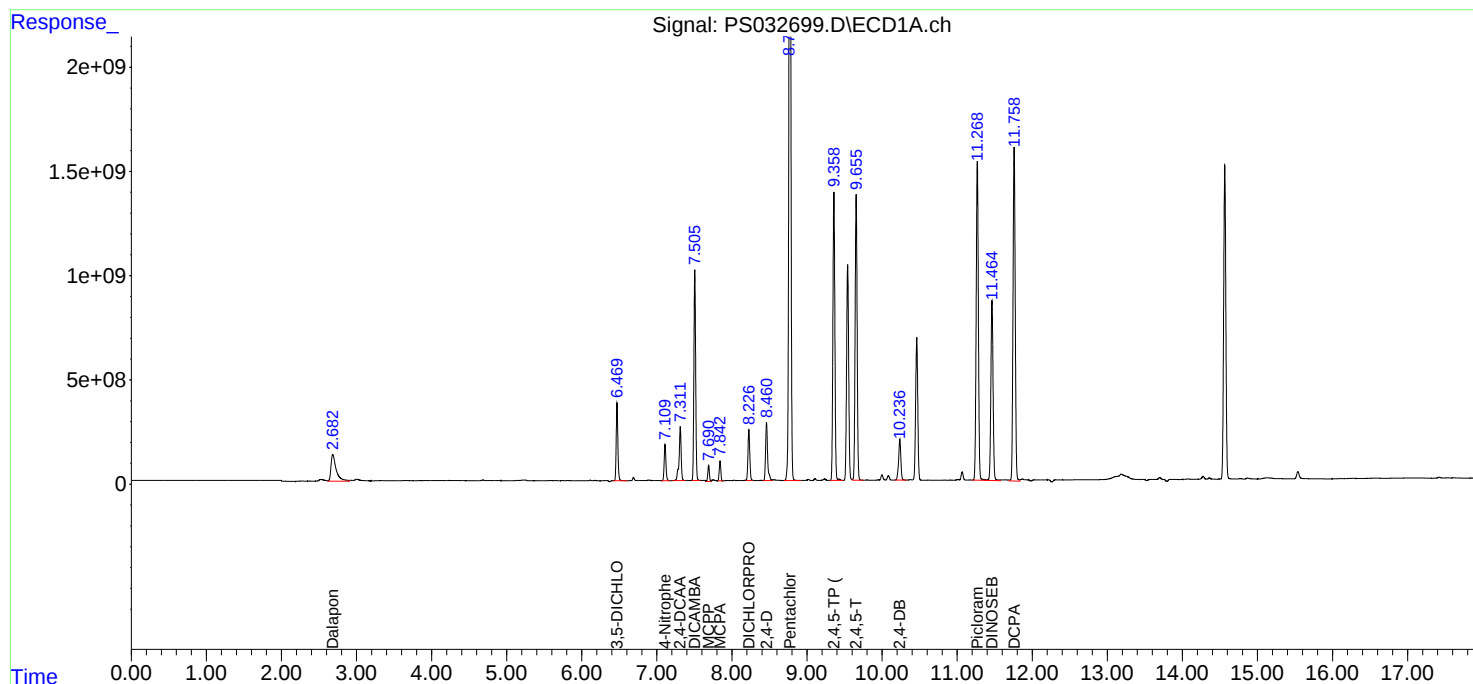
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

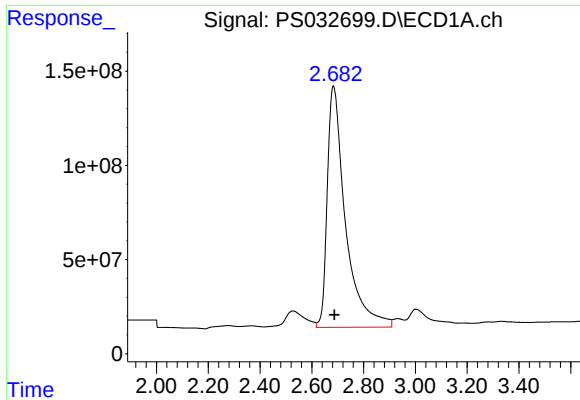
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Integration File signal 2: autoint2.e
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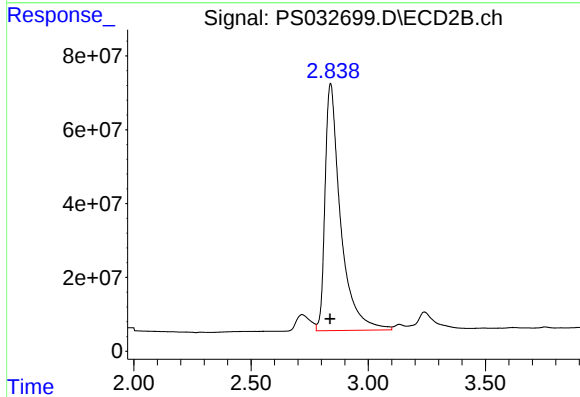
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.004 min
Response: 6260040186
Conc: 583.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

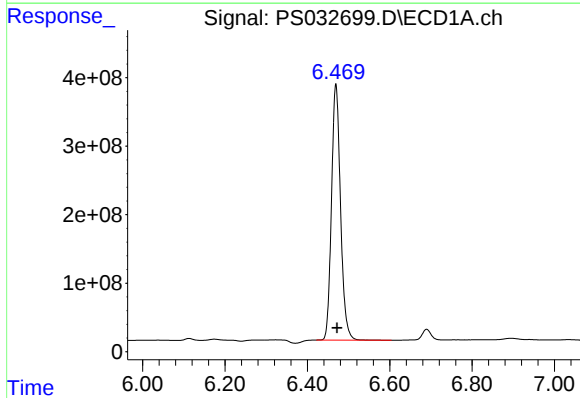
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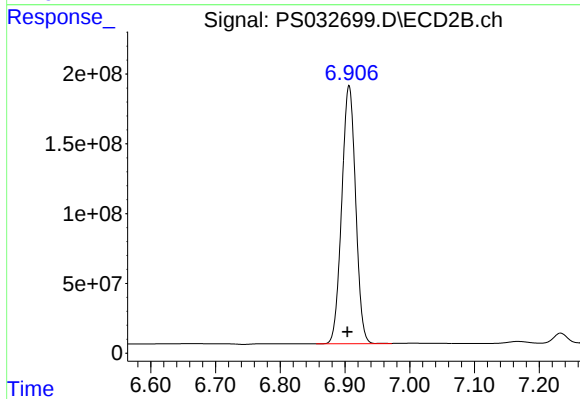
#1 Dalapon

R.T.: 2.839 min
Delta R.T.: 0.002 min
Response: 3091368063
Conc: 665.26 ng/ml



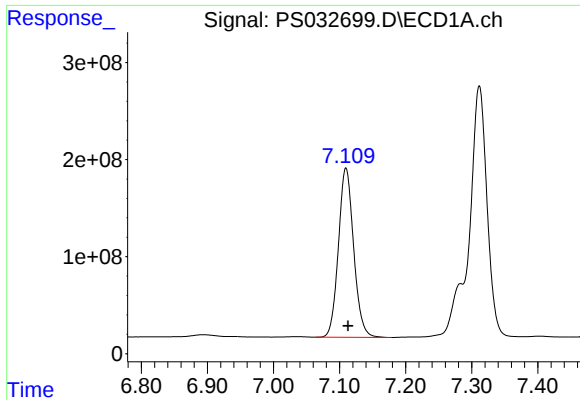
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 5686284605
Conc: 658.57 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.906 min
Delta R.T.: 0.003 min
Response: 2759086931
Conc: 703.93 ng/ml



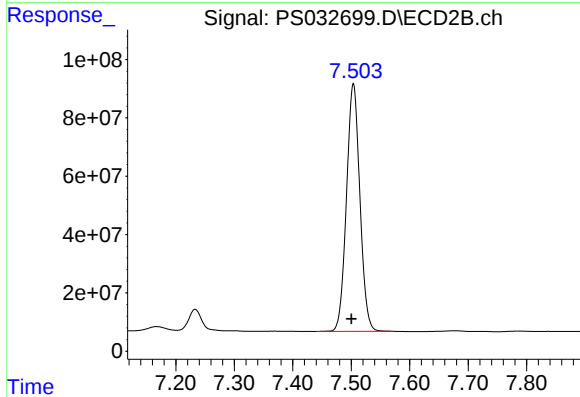
#3 4-Nitrophenol

R.T.: 7.110 min
Delta R.T.: -0.003 min
Response: 2795293835
Conc: 620.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

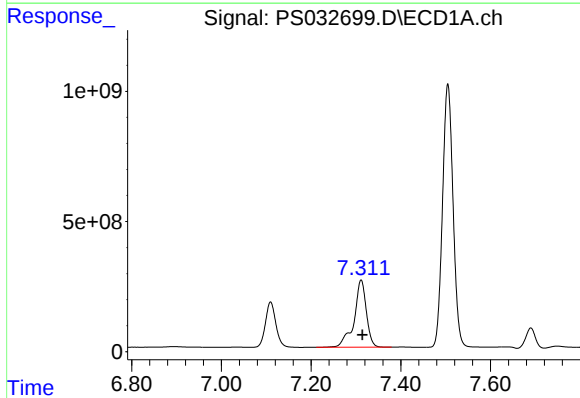
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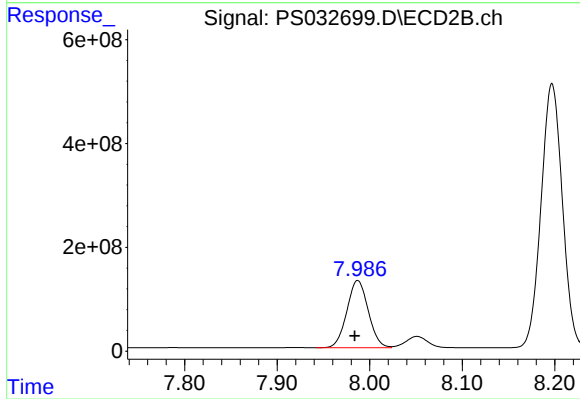
#3 4-Nitrophenol

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 1352851241
Conc: 685.79 ng/ml



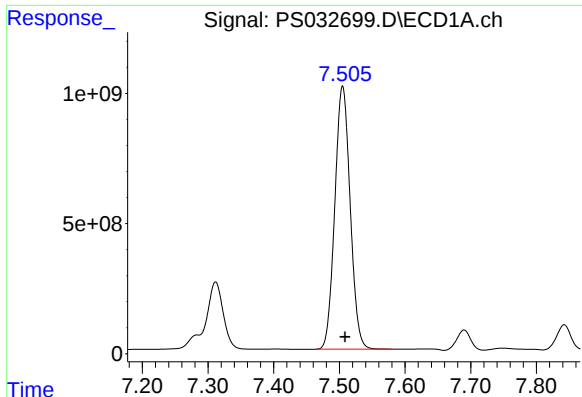
#4 2,4-DCAA

R.T.: 7.312 min
Delta R.T.: -0.003 min
Response: 4897937995
Conc: 686.38 ng/ml



#4 2,4-DCAA

R.T.: 7.987 min
Delta R.T.: 0.003 min
Response: 2077395295
Conc: 741.84 ng/ml



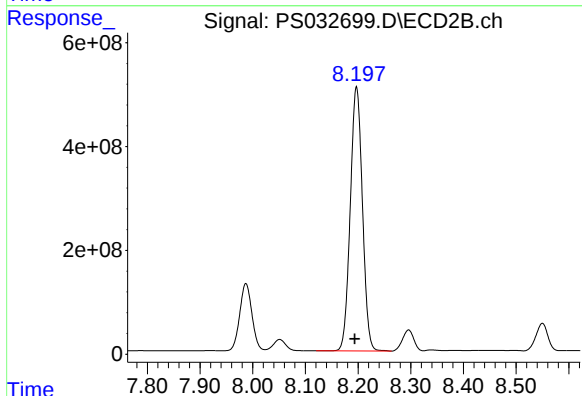
#5 DICAMBA

R.T.: 7.505 min
Delta R.T.: -0.004 min
Response: 16422116357
Conc: 659.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

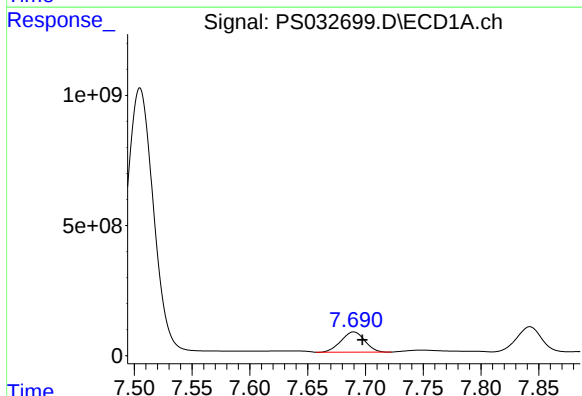
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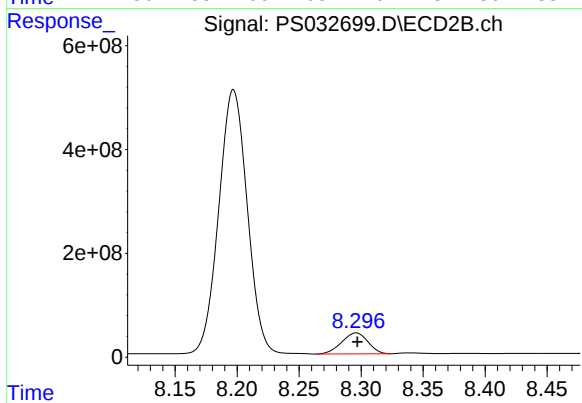
#5 DICAMBA

R.T.: 8.197 min
Delta R.T.: 0.004 min
Response: 8142755956
Conc: 713.13 ng/ml



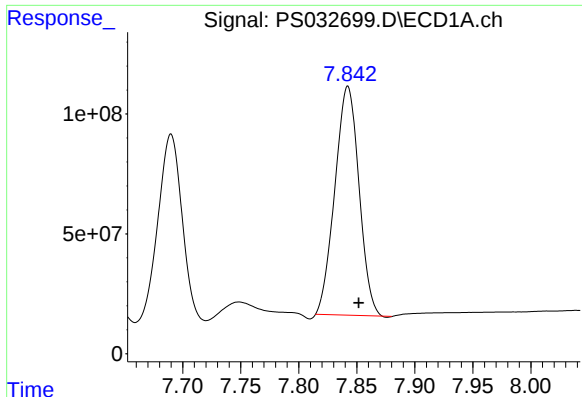
#6 MCP

R.T.: 7.690 min
Delta R.T.: -0.008 min
Response: 1114516055
Conc: 68.73 ug/ml



#6 MCP

R.T.: 8.296 min
Delta R.T.: -0.001 min
Response: 598257087
Conc: 73.77 ug/ml



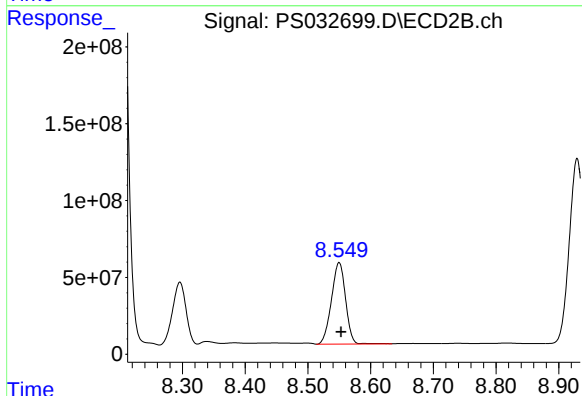
#7 MCPA

R.T.: 7.842 min
Delta R.T.: -0.010 min
Response: 1380415935
Conc: 66.69 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

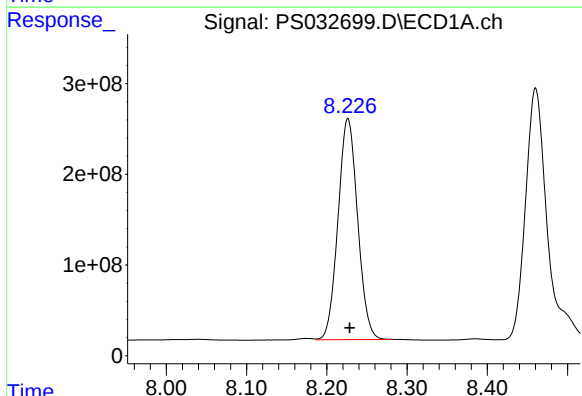
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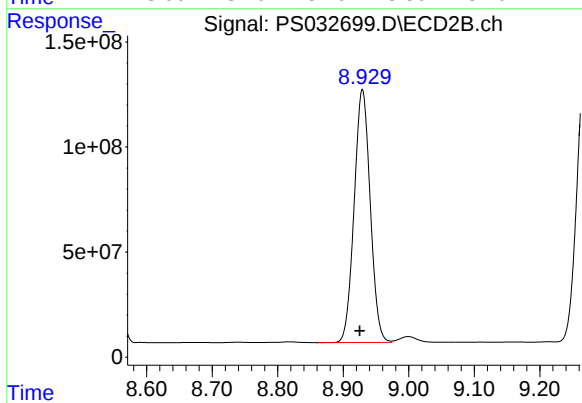
#7 MCPA

R.T.: 8.550 min
Delta R.T.: -0.003 min
Response: 830623891
Conc: 75.05 ug/ml



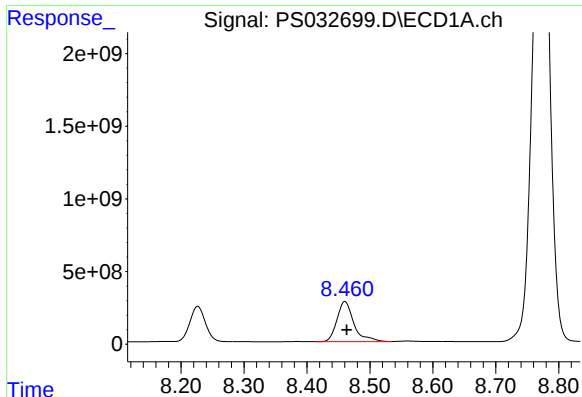
#8 DICHLORPROP

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 4145029876
Conc: 646.50 ng/ml m



#8 DICHLORPROP

R.T.: 8.929 min
Delta R.T.: 0.004 min
Response: 2048687691
Conc: 691.29 ng/ml



#9 2,4-D

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 5197452803
Conc: 700.75 ng/ml

Instrument :

ECD_S

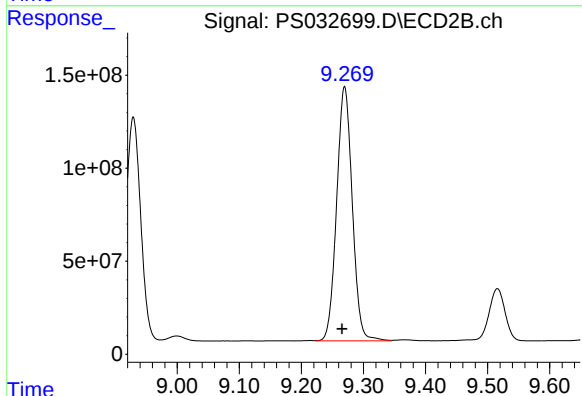
ClientSampleId :

HSTDCCC750

Manual Integrations

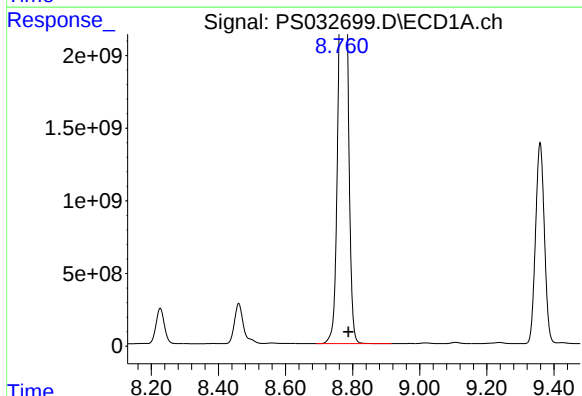
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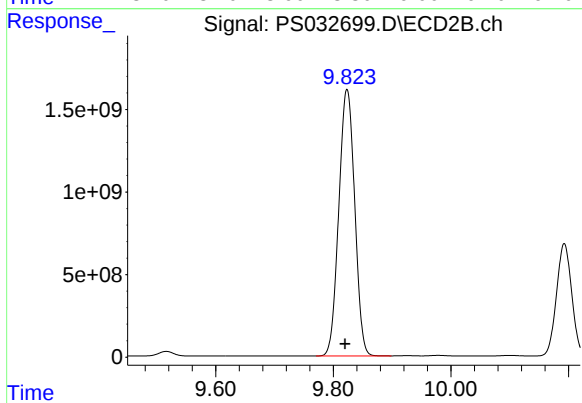
#9 2,4-D

R.T.: 9.270 min
Delta R.T.: 0.004 min
Response: 2388884230
Conc: 696.25 ng/ml



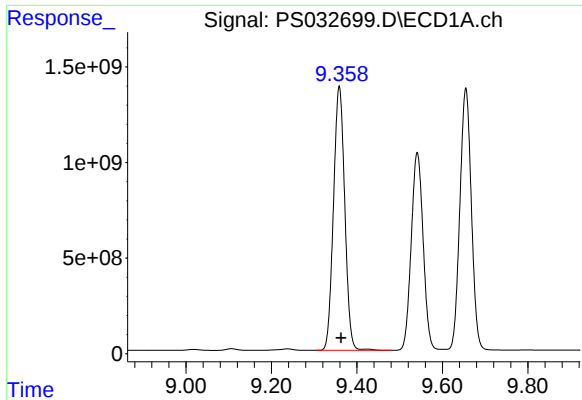
#10 Pentachlorophenol

R.T.: 8.773 min
Delta R.T.: -0.015 min
Response: 52398714607
Conc: 659.65 ng/ml



#10 Pentachlorophenol

R.T.: 9.823 min
Delta R.T.: 0.003 min
Response: 30306980644
Conc: 731.27 ng/ml



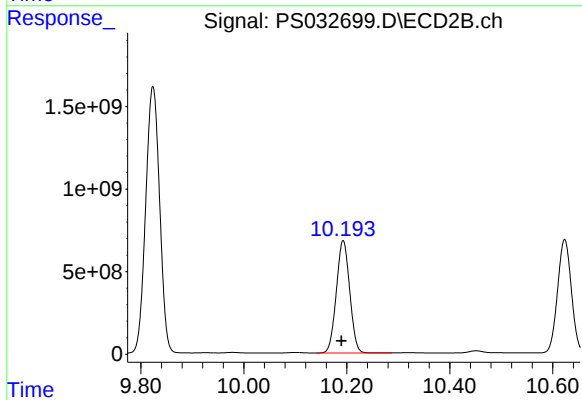
#11 2,4,5-TP (SILVEX)

R.T.: 9.359 min
Delta R.T.: -0.004 min
Response: 25279986460
Conc: 670.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

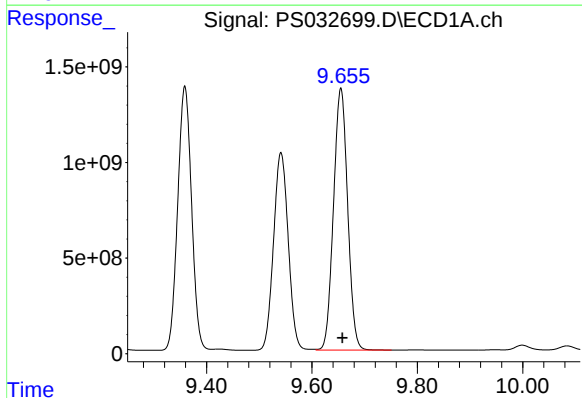
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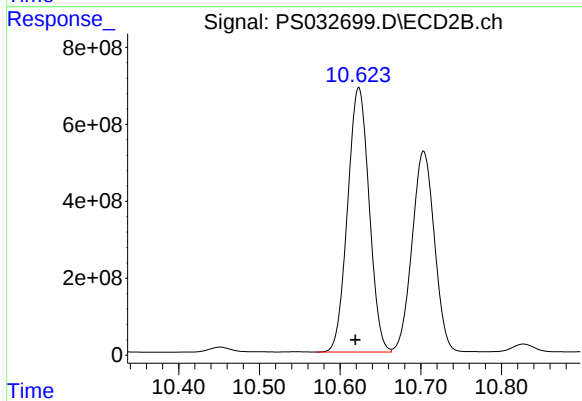
#11 2,4,5-TP (SILVEX)

R.T.: 10.193 min
Delta R.T.: 0.003 min
Response: 12235285183
Conc: 718.32 ng/ml



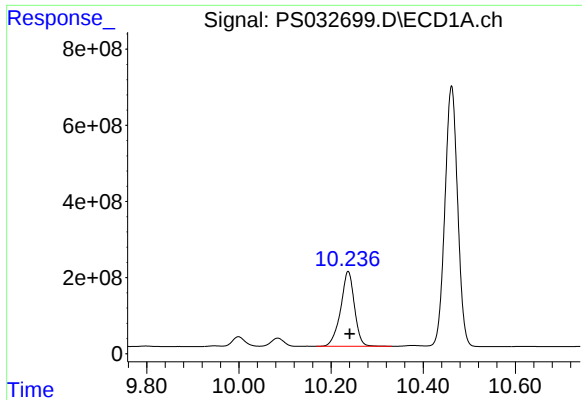
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.003 min
Response: 25474806450
Conc: 668.19 ng/ml



#12 2,4,5-T

R.T.: 10.623 min
Delta R.T.: 0.004 min
Response: 12748183661
Conc: 722.54 ng/ml



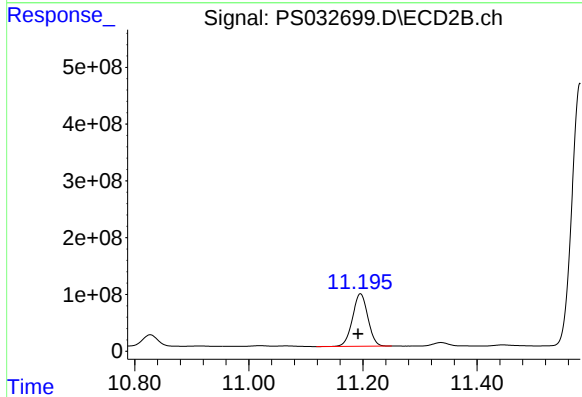
#13 2,4-DB

R.T.: 10.236 min
Delta R.T.: -0.004 min
Response: 4078893502
Conc: 644.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

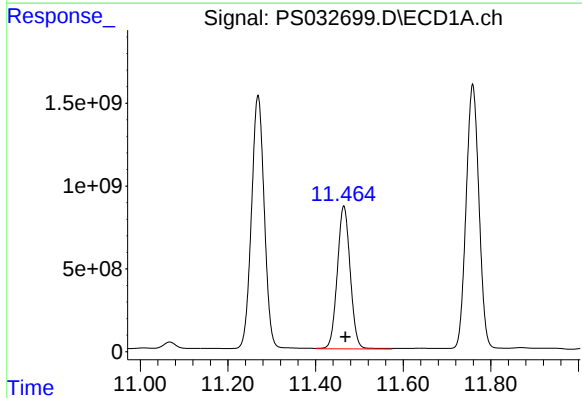
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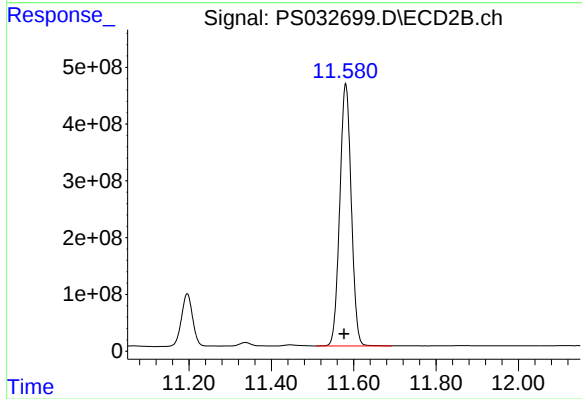
#13 2,4-DB

R.T.: 11.196 min
Delta R.T.: 0.004 min
Response: 1722939667
Conc: 700.89 ng/ml



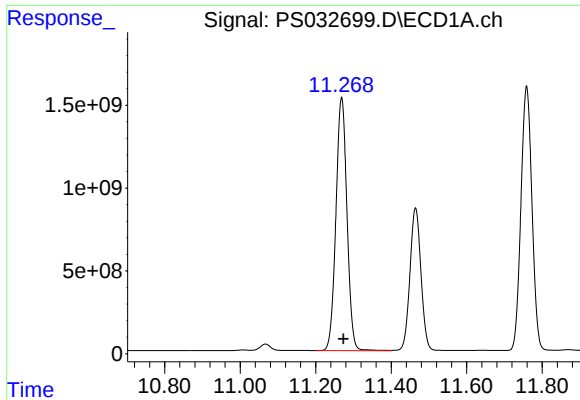
#14 DINOSEB

R.T.: 11.465 min
Delta R.T.: -0.003 min
Response: 17647880895
Conc: 650.45 ng/ml



#14 DINOSEB

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 8932223107
Conc: 708.57 ng/ml



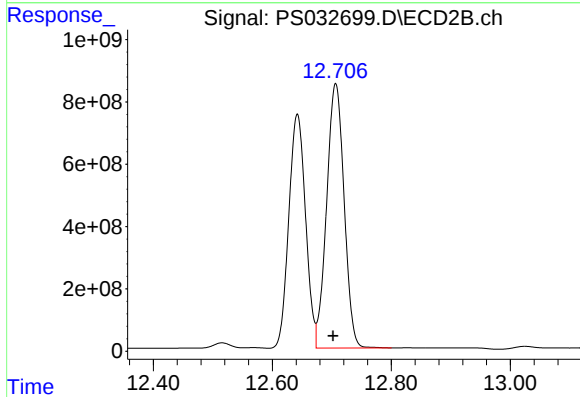
#15 Picloram

R.T.: 11.269 min
Delta R.T.: -0.005 min
Response: 31040513471
Conc: 649.90 ng/ml

Instrument :
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ClientSampleId :
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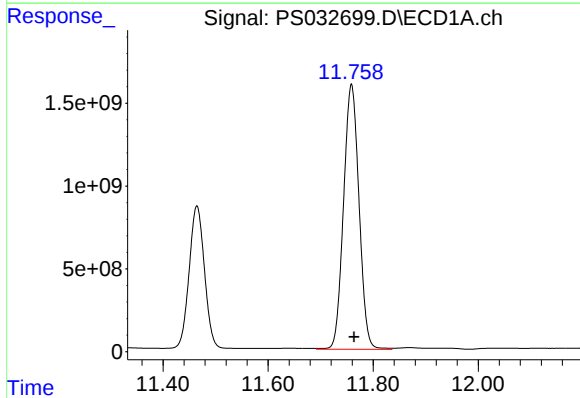
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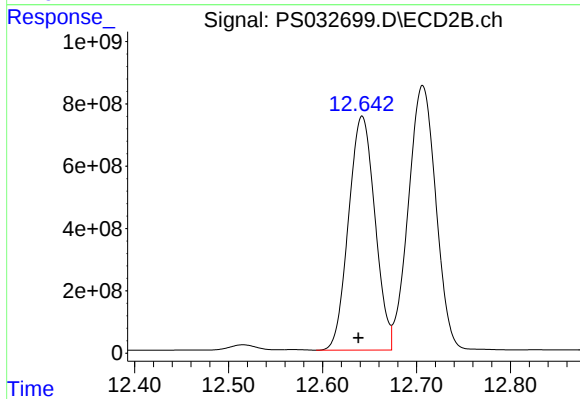
#15 Picloram

R.T.: 12.706 min
Delta R.T.: 0.004 min
Response: 17288180298
Conc: 692.33 ng/ml



#16 DCPA

R.T.: 11.759 min
Delta R.T.: -0.005 min
Response: 32696789143
Conc: 679.70 ng/ml



#16 DCPA

R.T.: 12.642 min
Delta R.T.: 0.004 min
Response: 14665158267
Conc: 708.89 ng/ml