

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032925\
 Data File : PS029625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 18:29
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:16:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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	7.116	7.532	2746.2E6	599.7E6	715.137	694.633
Target Compounds							
1) T	Dalapon	2.592	2.603	3934.1E6	1425.2E6	663.590	687.085
2) T	3,5-DICHL...	6.305	6.522	3813.4E6	803.2E6	667.087	651.830
3) T	4-Nitroph...	6.927	7.070	738.4E6	513.4E6	694.007	635.507
5) T	DICAMBA	7.295	7.722	11370.3E6	3213.9E6	717.237	672.255
6) T	MCPD	7.473	7.827	781.3E6	147.2E6	68.641	71.088
7) T	MCPA	7.620	8.063	966.6E6	190.8E6	67.208	66.398
8) T	DICHLORPROP	7.992	8.424	2727.8E6	751.8E6	621.082	603.526
9) T	2,4-D	8.223	8.744	2778.2E6	827.1E6	688.742	605.495
10) T	Pentachlo...	8.510	9.252	41114.8E6	15097.8E6	691.936	680.243
11) T	2,4,5-TP ...	9.081	9.628	15477.4E6	5868.7E6	664.408	665.032
12) T	2,4,5-T	9.374	10.037	15145.4E6	5419.1E6	735.274	679.880
13) T	2,4-DB	9.944	10.595	1502.4E6	562.4E6	786.887	611.952m
14) T	DINOSEB	11.126	10.967	11765.0E6	3821.1E6	663.560	644.603m
15) T	Picloram	10.955	12.028	11331.3E6	8104.6E6	787.254	649.604
16) T	DCPA	11.423	11.994	19717.2E6	7766.4E6	683.889	692.696

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

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Acq On : 28 Mar 2025 18:29
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

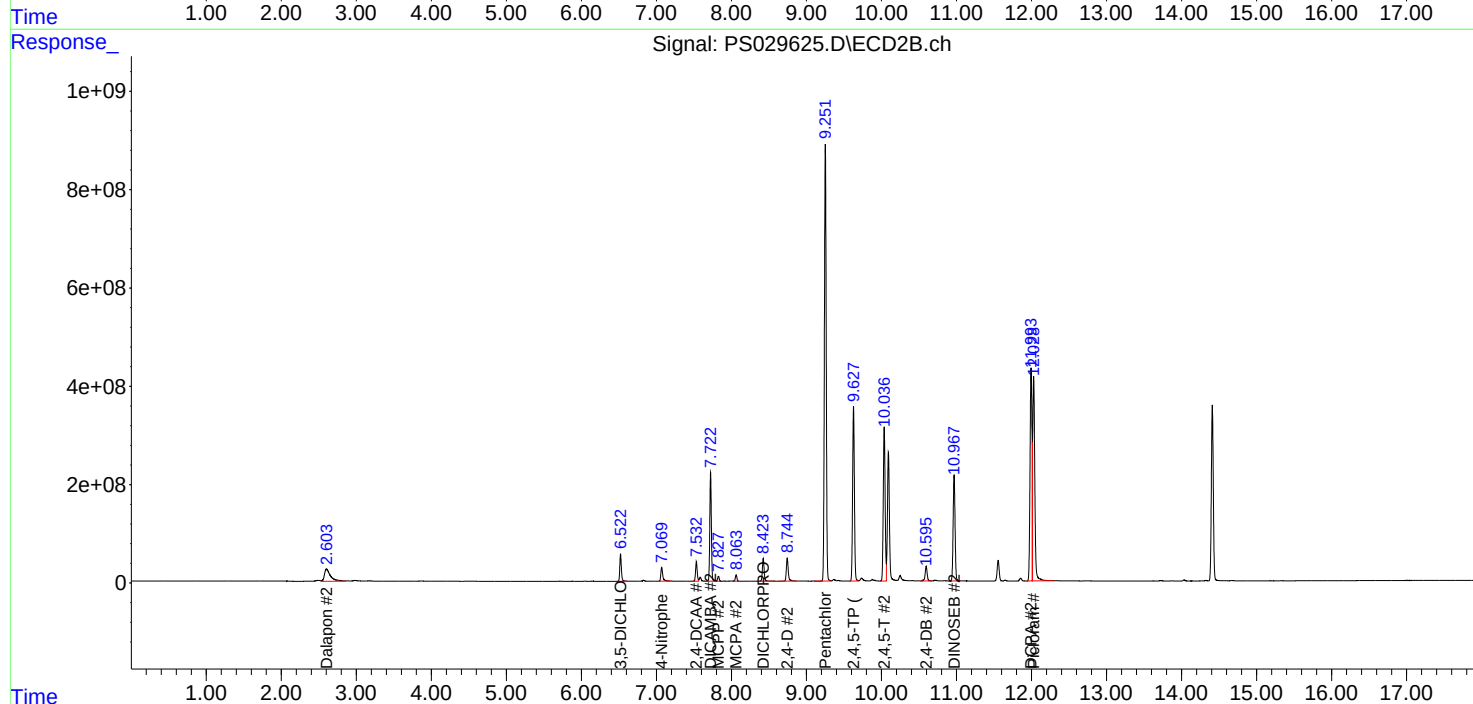
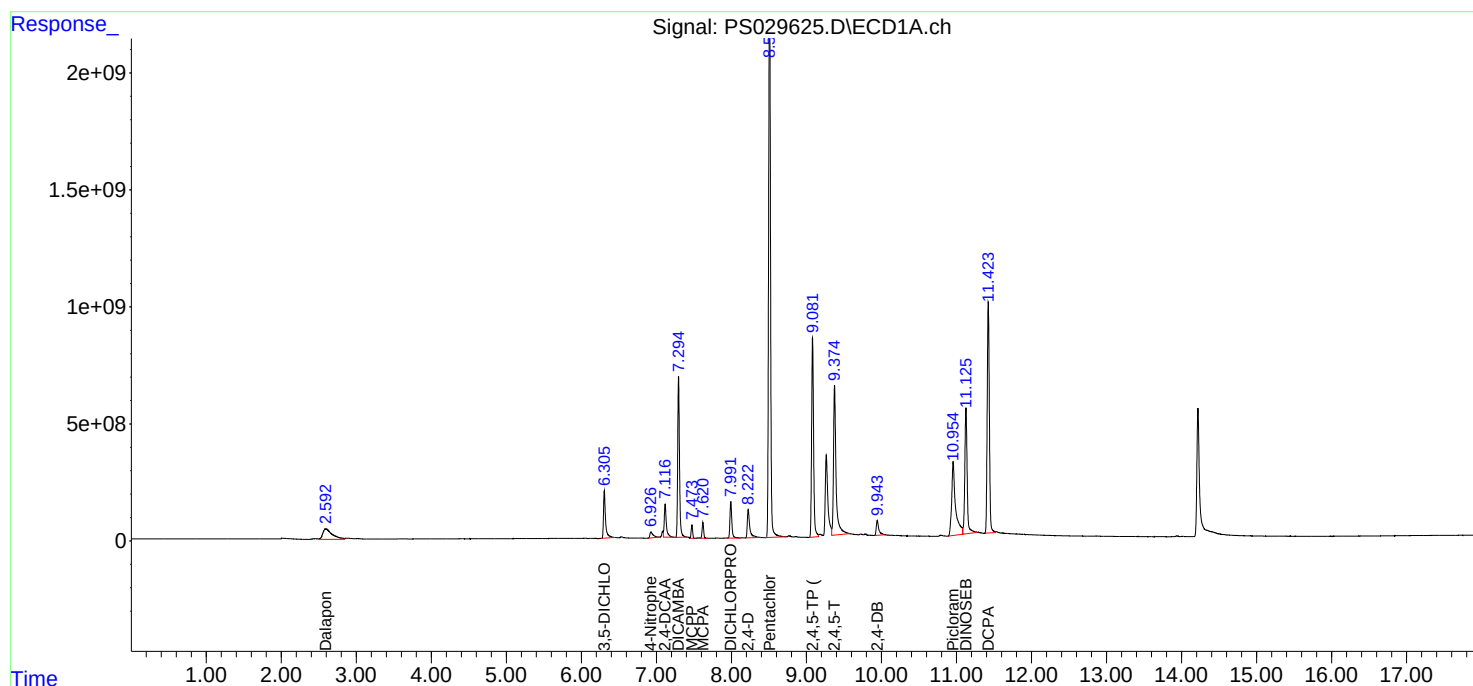
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

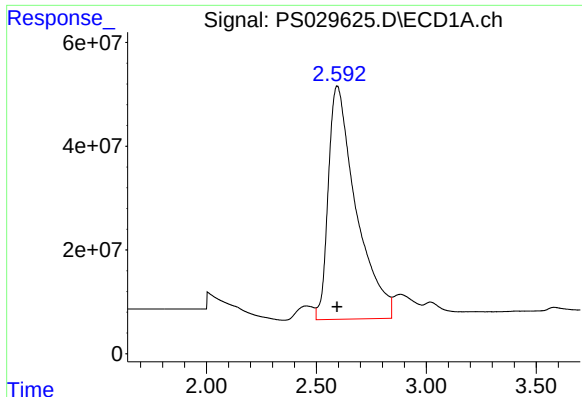
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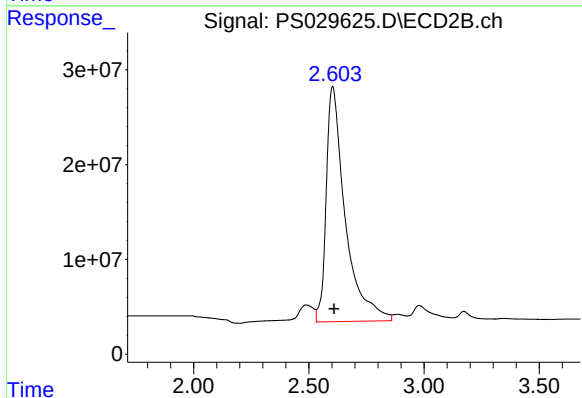
#1 Dalapon

R.T.: 2.592 min
Delta R.T.: 0.000 min
Response: 3934087341
Conc: 663.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

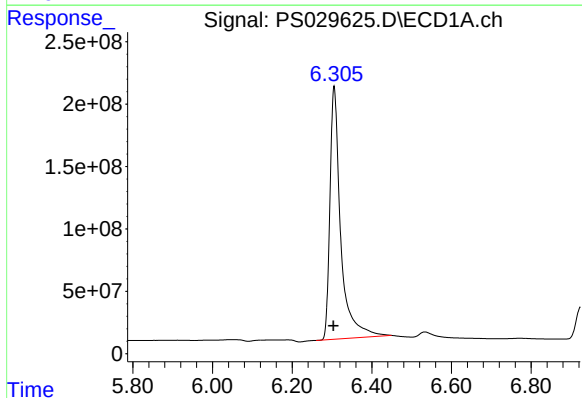
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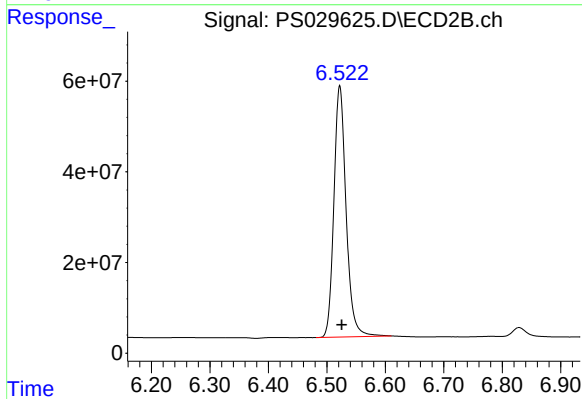
#1 Dalapon

R.T.: 2.603 min
Delta R.T.: -0.007 min
Response: 1425216376
Conc: 687.08 ng/ml



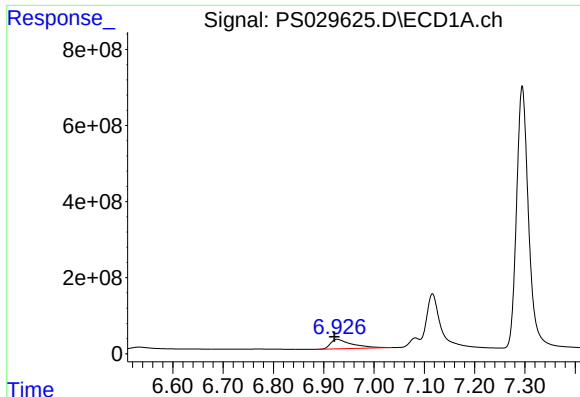
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 3813439641
Conc: 667.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 803154824
Conc: 651.83 ng/ml



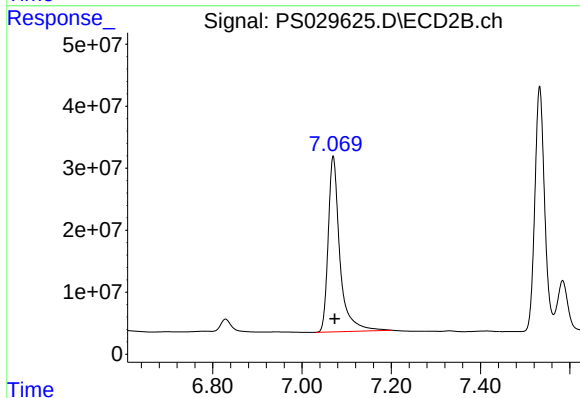
#3 4-Nitrophenol

R.T.: 6.927 min
Delta R.T.: 0.005 min
Response: 738417375
Conc: 694.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

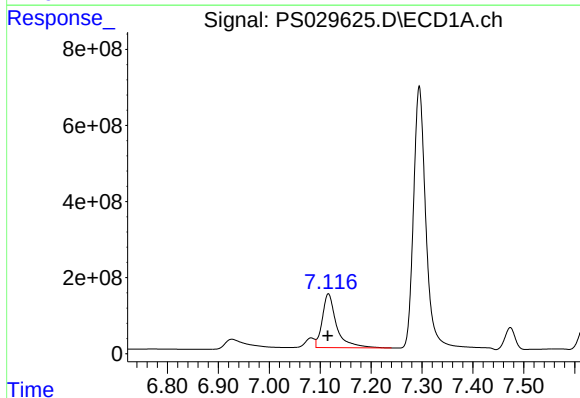
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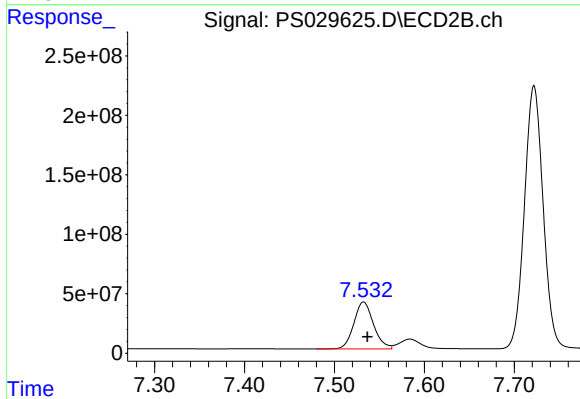
#3 4-Nitrophenol

R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 513383559
Conc: 635.51 ng/ml



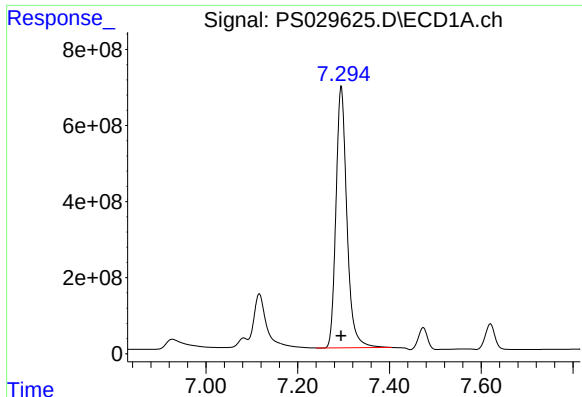
#4 2,4-DCAA

R.T.: 7.116 min
Delta R.T.: 0.001 min
Response: 2746196825
Conc: 715.14 ng/ml



#4 2,4-DCAA

R.T.: 7.532 min
Delta R.T.: -0.004 min
Response: 599674068
Conc: 694.63 ng/ml



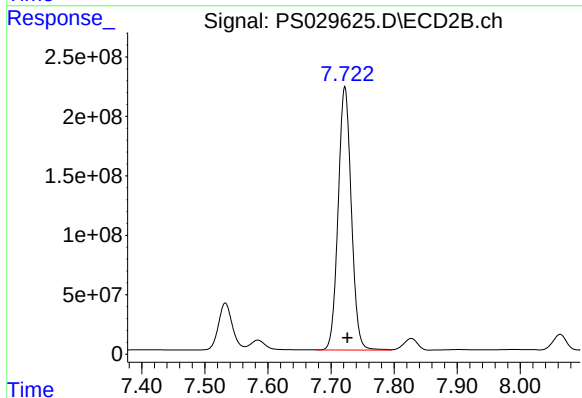
#5 DICAMBA

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 11370295826
Conc: 717.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

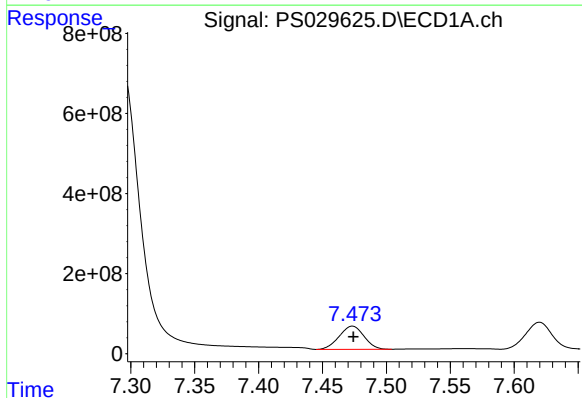
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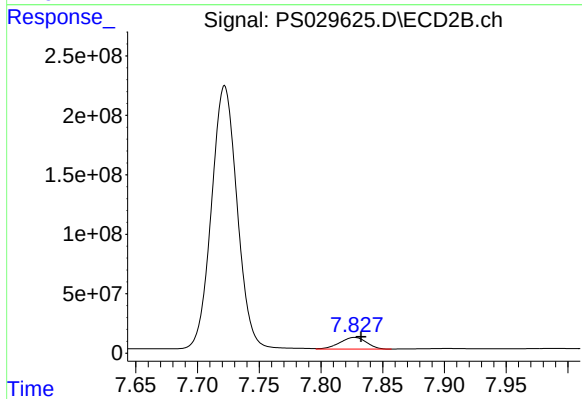
#5 DICAMBA

R.T.: 7.722 min
Delta R.T.: -0.004 min
Response: 3213892902
Conc: 672.26 ng/ml



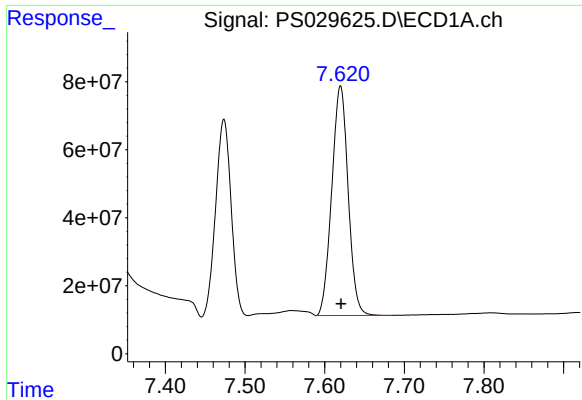
#6 MCPP

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 781345683
Conc: 68.64 ug/ml



#6 MCPP

R.T.: 7.827 min
Delta R.T.: -0.005 min
Response: 147183653
Conc: 71.09 ug/ml



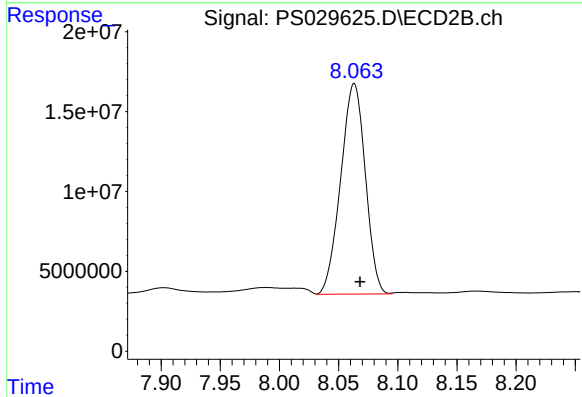
#7 MCPA

R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 966576854
Conc: 67.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

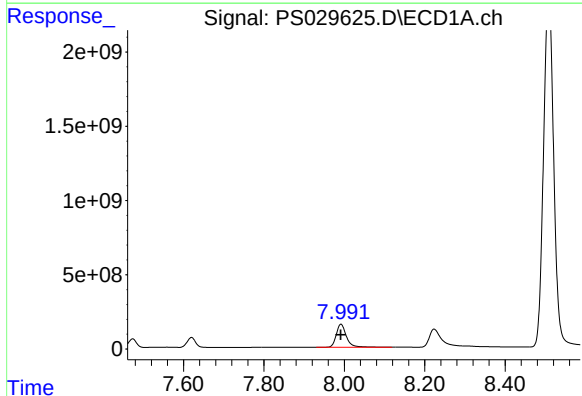
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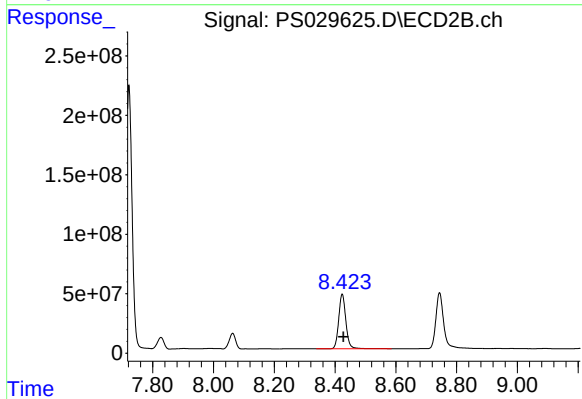
#7 MCPA

R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 190836198
Conc: 66.40 ug/ml



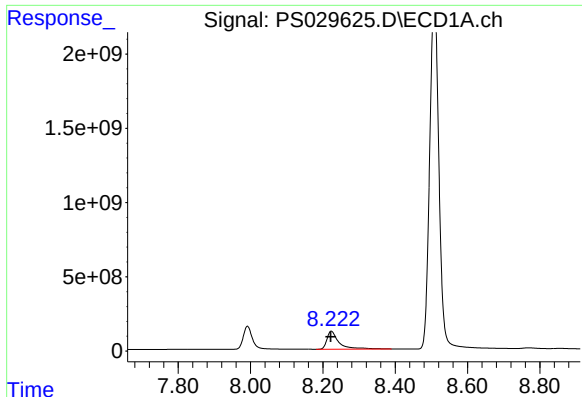
#8 DICHLORPROP

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 2727777624
Conc: 621.08 ng/ml



#8 DICHLORPROP

R.T.: 8.424 min
Delta R.T.: -0.004 min
Response: 751752283
Conc: 603.53 ng/ml



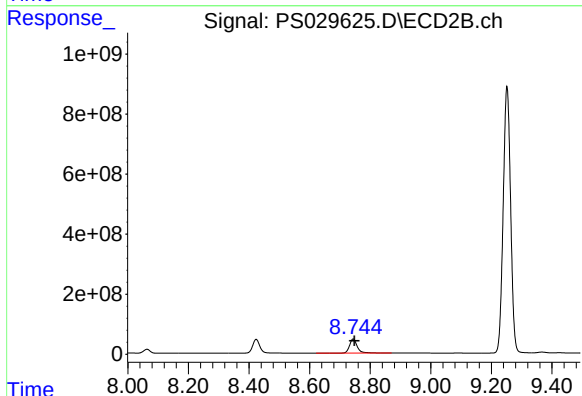
#9 2,4-D

R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 2778230395
Conc: 688.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

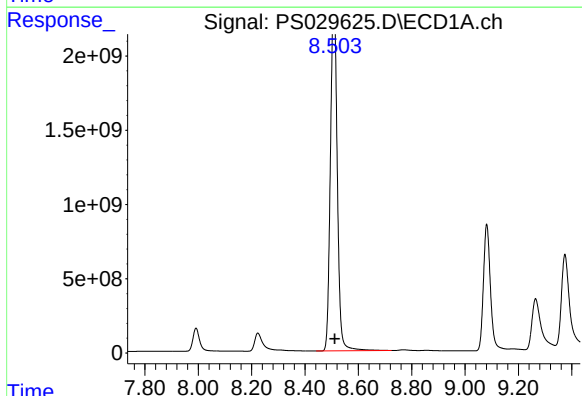
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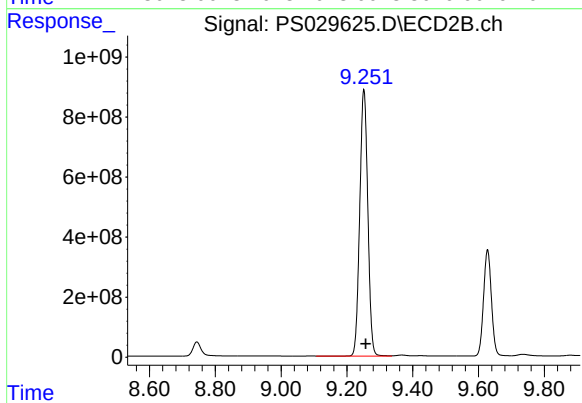
#9 2,4-D

R.T.: 8.744 min
Delta R.T.: -0.004 min
Response: 827095849
Conc: 605.49 ng/ml



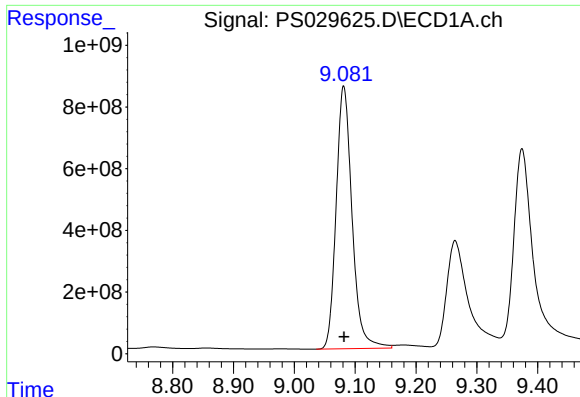
#10 Pentachlorophenol

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 41114834674
Conc: 691.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.252 min
Delta R.T.: -0.005 min
Response: 15097784279
Conc: 680.24 ng/ml



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

R.T.: 9.081 min
Delta R.T.: 0.000 min
Response: 15477437236
Conc: 664.41 ng/ml

Instrument :

ECD_S

ClientSampleId :

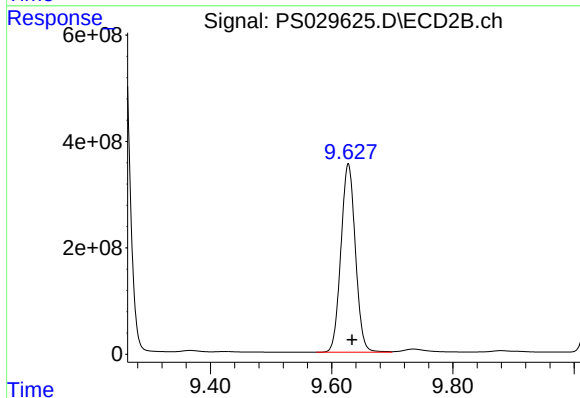
HSTDCCC750

Manual Integrations

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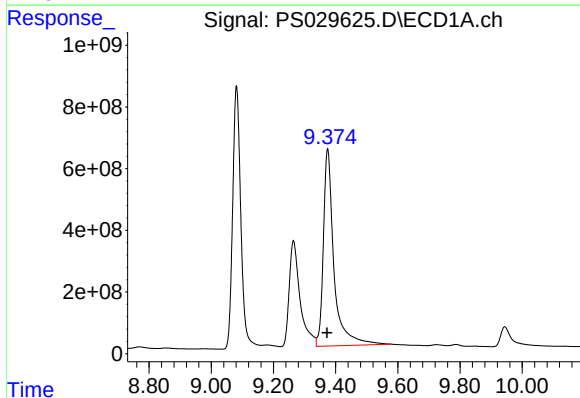
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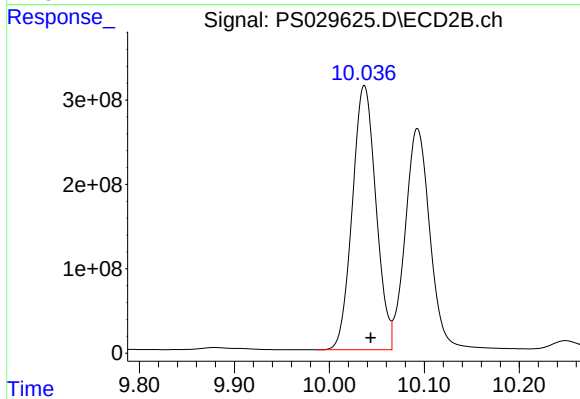
#11 2,4,5-TP (SILVEX)

R.T.: 9.628 min
Delta R.T.: -0.006 min
Response: 5868735533
Conc: 665.03 ng/ml



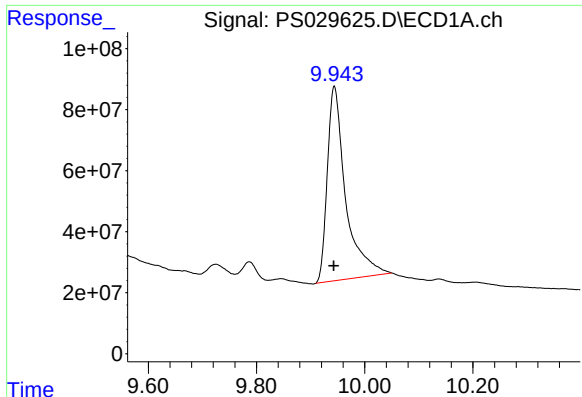
#12 2,4,5-T

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 15145401866
Conc: 735.27 ng/ml



#12 2,4,5-T

R.T.: 10.037 min
Delta R.T.: -0.007 min
Response: 5419096104
Conc: 679.88 ng/ml



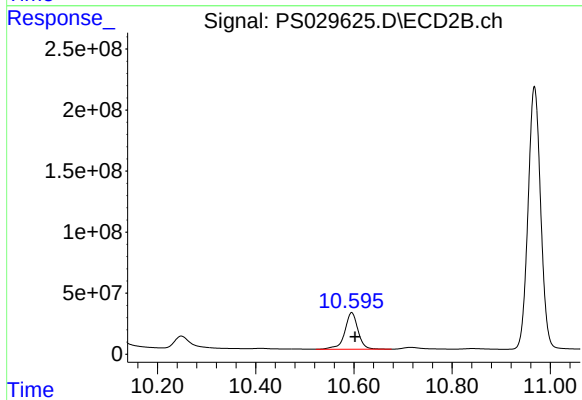
#13 2,4-DB

R.T.: 9.944 min
Delta R.T.: 0.001 min
Response: 1502440760
Conc: 786.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

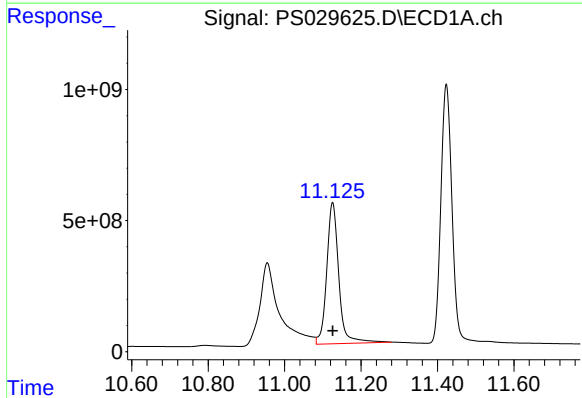
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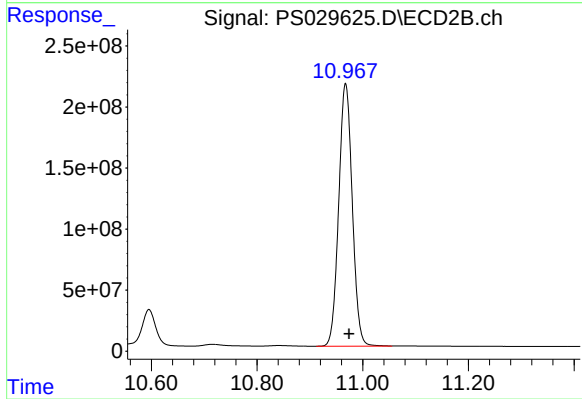
#13 2,4-DB

R.T.: 10.595 min
Delta R.T.: -0.007 min
Response: 562356402
Conc: 611.95 ng/ml m



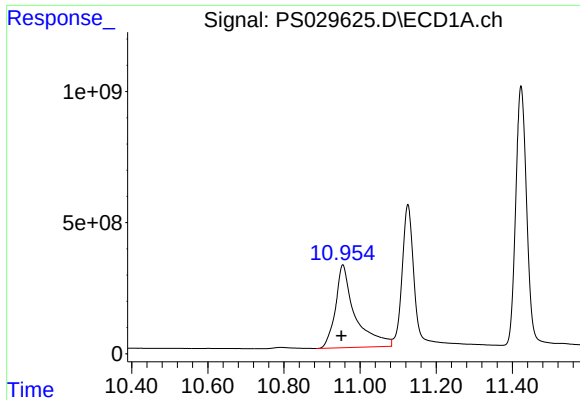
#14 DINOSEB

R.T.: 11.126 min
Delta R.T.: 0.000 min
Response: 11765012087
Conc: 663.56 ng/ml



#14 DINOSEB

R.T.: 10.967 min
Delta R.T.: -0.007 min
Response: 3821140325
Conc: 644.60 ng/ml m



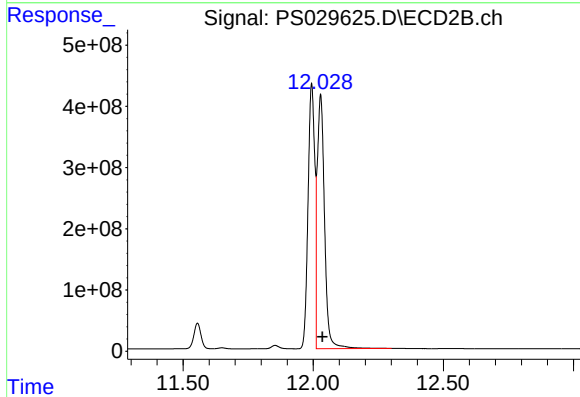
#15 Picloram

R.T.: 10.955 min
Delta R.T.: 0.004 min
Response: 11331342553
Conc: 787.25 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

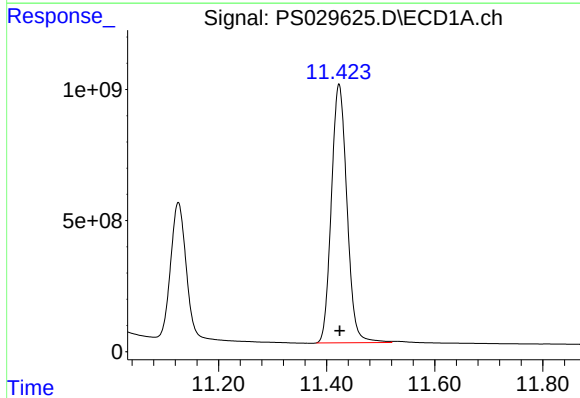
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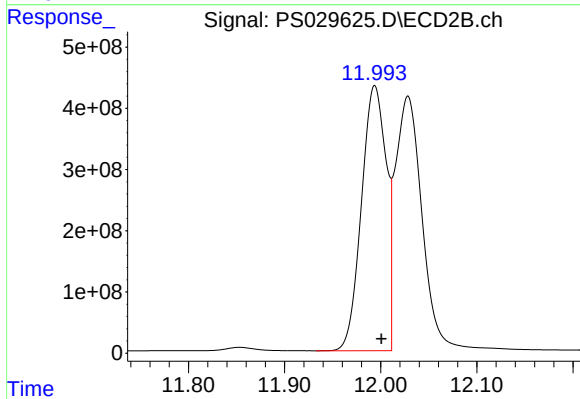
#15 Picloram

R.T.: 12.028 min
Delta R.T.: -0.007 min
Response: 8104580769
Conc: 649.60 ng/ml



#16 DCPA

R.T.: 11.423 min
Delta R.T.: -0.001 min
Response: 19717153483
Conc: 683.89 ng/ml



#16 DCPA

R.T.: 11.994 min
Delta R.T.: -0.007 min
Response: 7766377030
Conc: 692.70 ng/ml