

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120525\
 Data File : PS032628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2025 21:09
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/08/2025
 Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 00:36:38 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	7.010	7.376	3445.7E6	3646.1E6	623.815	680.092
Target Compounds							
1) T	Dalapon	2.477	2.454	5452.9E6	4644.7E6	643.971	636.357
2) T	3,5-DICHL...	6.203	6.370	4873.5E6	3916.4E6	657.051m	641.130m
3) T	4-Nitroph...	6.836f	6.947	804.1E6	1485.8E6	640.952m	621.937m
5) T	DICAMBA	7.185	7.566	14379.5E6	12773.3E6	647.190	643.820m
6) T	MCPD	7.360	7.668	896.7E6	912.8E6	71.113m	68.094m
7) T	MCPA	7.509	7.913	1127.2E6	1084.7E6	69.713	65.321
8) T	DICHLORPROP	7.878	8.271	3571.5E6	3135.7E6	662.657	631.194
9) T	2,4-D	8.115	8.607	4248.5E6	3612.8E6	695.836	643.264m
10) T	Pentachlo...	8.386	9.076	48697.6E6	41573.3E6	664.156	680.437
11) T	2,4,5-TP ...	8.958	9.476	21990.0E6	18487.7E6	658.098	644.430
12) T	2,4,5-T	9.253	9.902	25260.9E6	18164.9E6	600.847	650.463
13) T	2,4-DB	9.817	10.459	2805.0E6	2711.2E6	899.306m	665.569 #
14) T	DINOSEB	10.994	10.843	15890.6E6	11704.5E6	576.246	647.209
15) T	Picloram	10.835	11.959	31184.2E6	23868.6E6	792.593	663.082
16) T	DCPA	11.285	11.851	27180.4E6	22043.8E6	678.378	647.921

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

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Acq On : 05 Dec 2025 21:09
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

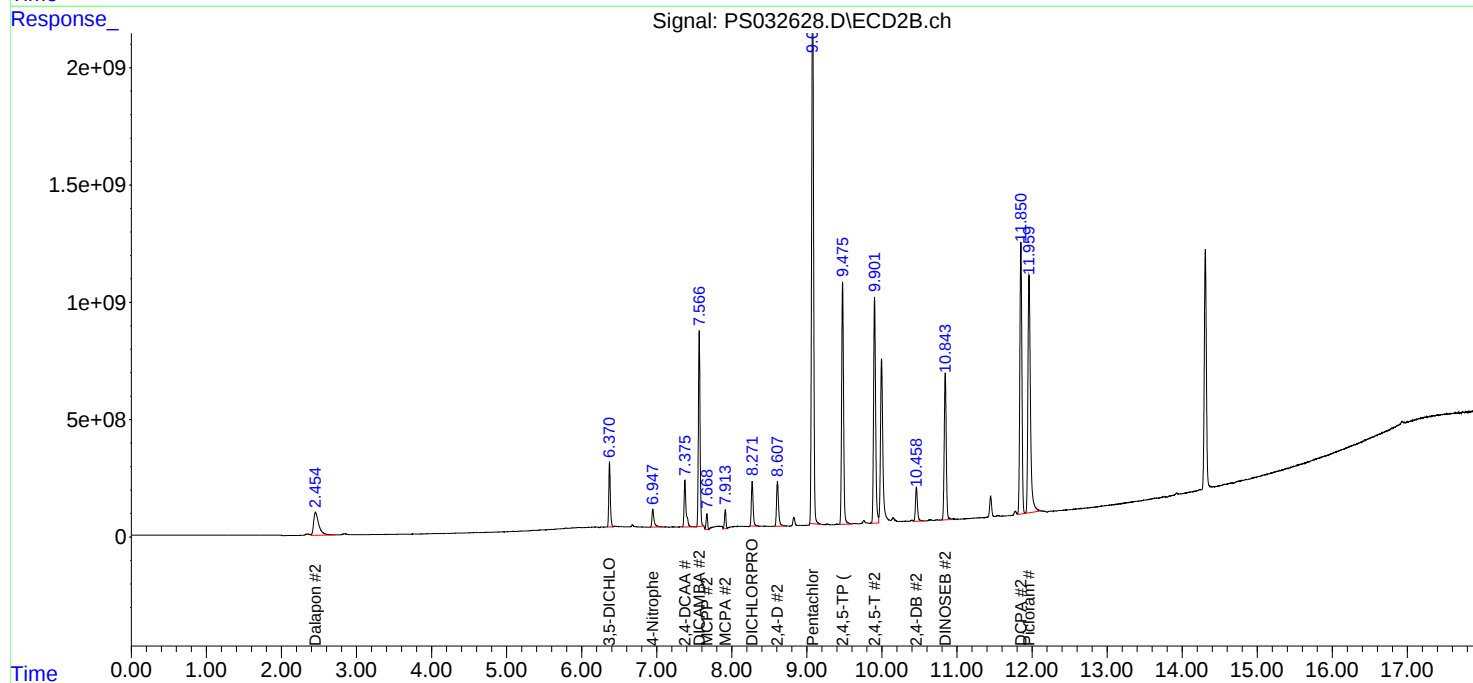
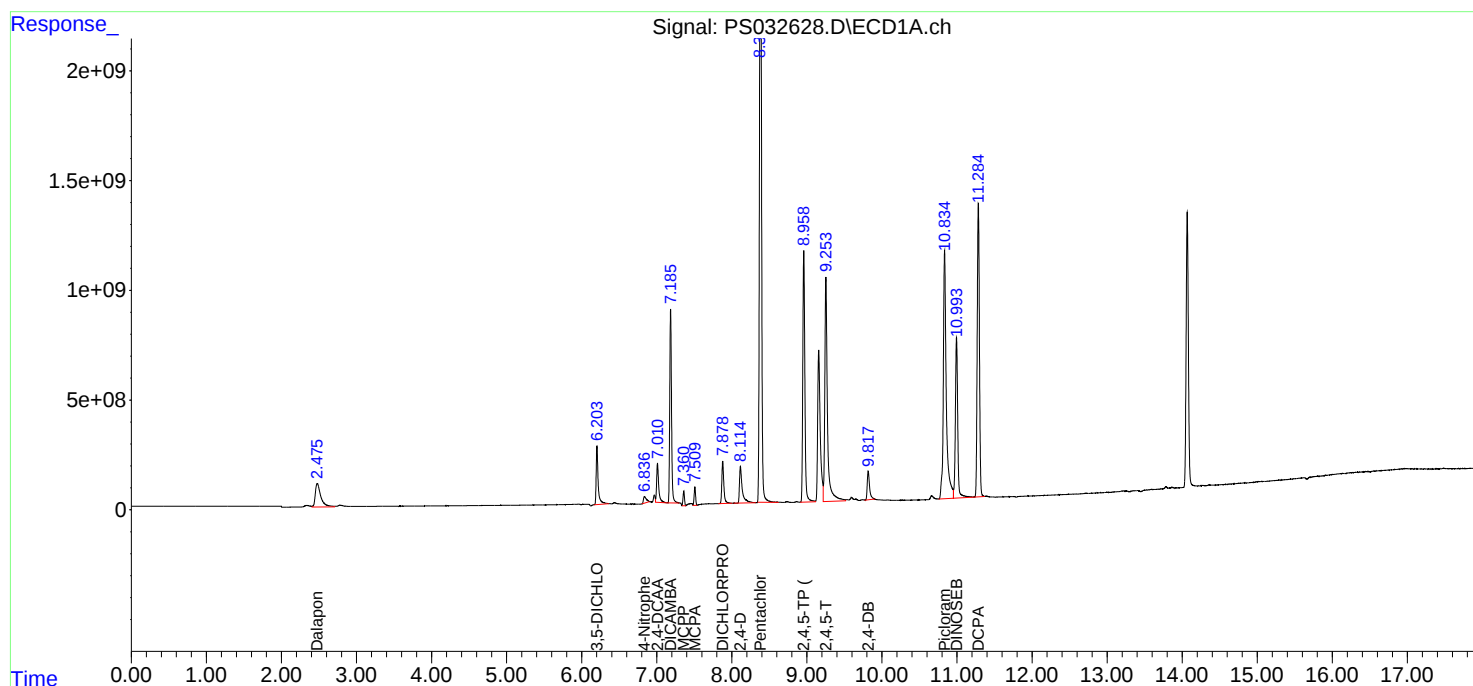
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ClientSampleId :
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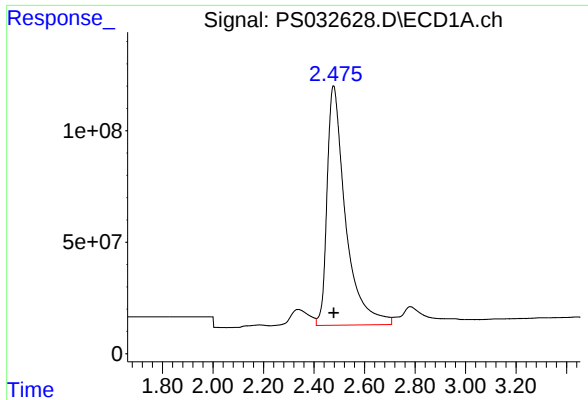
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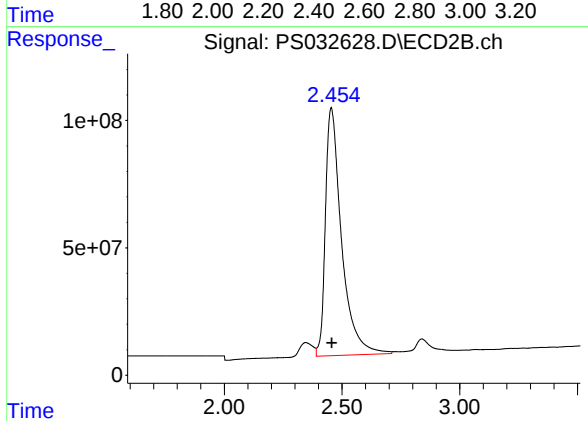
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 5452922764
Conc: 643.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

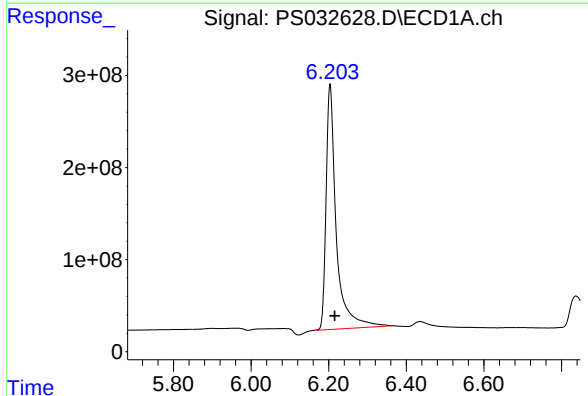
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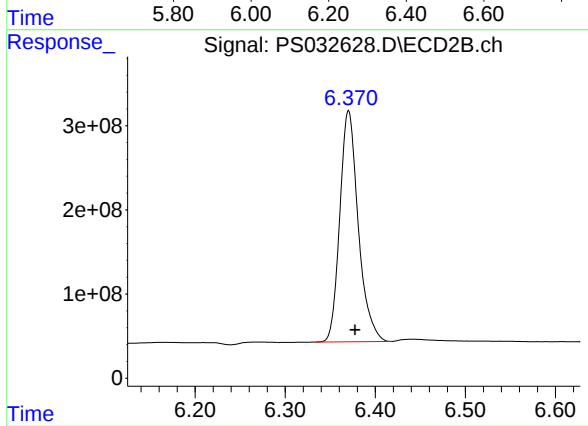
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.002 min
Response: 4644737200
Conc: 636.36 ng/ml



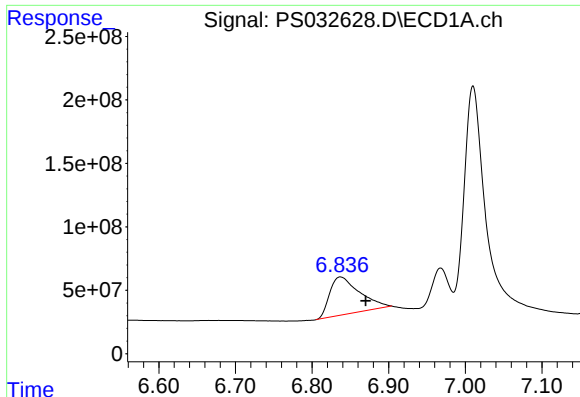
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.203 min
Delta R.T.: -0.013 min
Response: 4873464056
Conc: 657.05 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.370 min
Delta R.T.: -0.008 min
Response: 3916434801
Conc: 641.13 ng/ml m



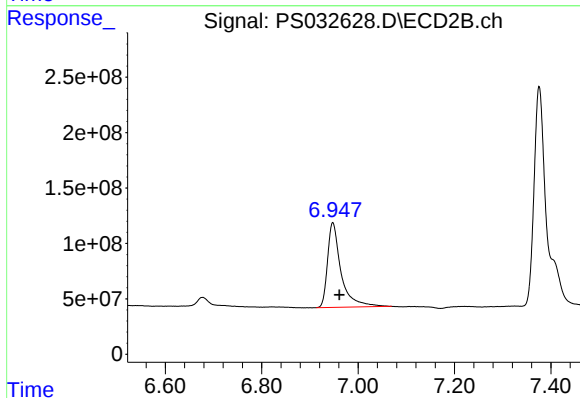
#3 4-Nitrophenol

R.T.: 6.836 min
Delta R.T.: -0.034 min
Response: 804139829
Conc: 640.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

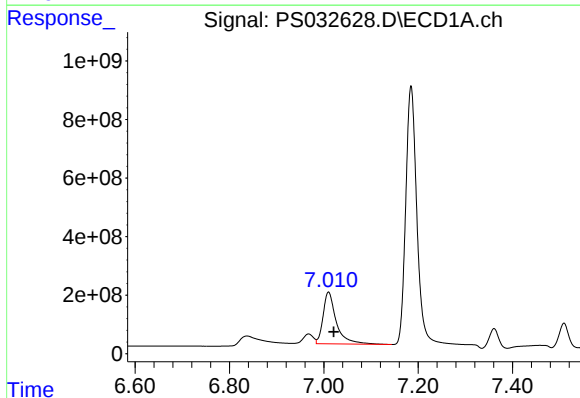
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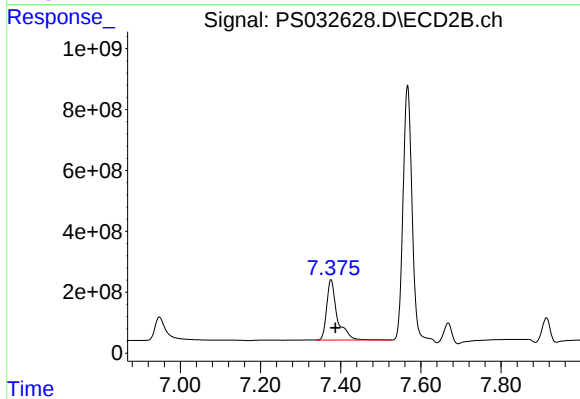
#3 4-Nitrophenol

R.T.: 6.947 min
Delta R.T.: -0.014 min
Response: 1485754798
Conc: 621.94 ng/ml m



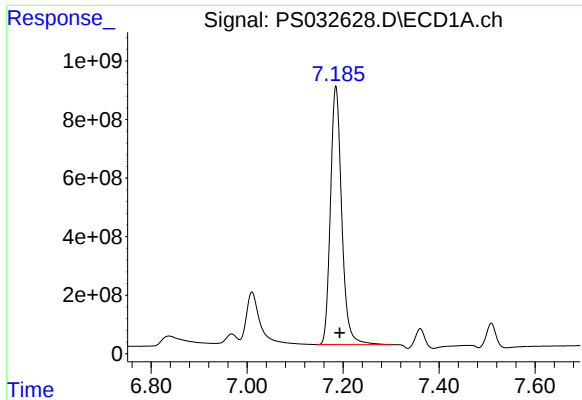
#4 2,4-DCAA

R.T.: 7.010 min
Delta R.T.: -0.011 min
Response: 3445736322
Conc: 623.81 ng/ml



#4 2,4-DCAA

R.T.: 7.376 min
Delta R.T.: -0.011 min
Response: 3646118025
Conc: 680.09 ng/ml



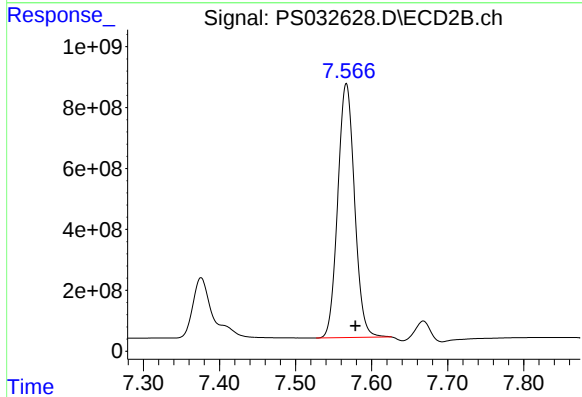
#5 DICAMBA

R.T.: 7.185 min
Delta R.T.: -0.008 min
Response: 14379504453
Conc: 647.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

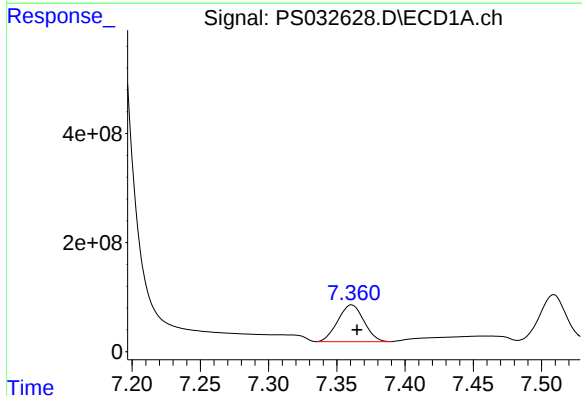
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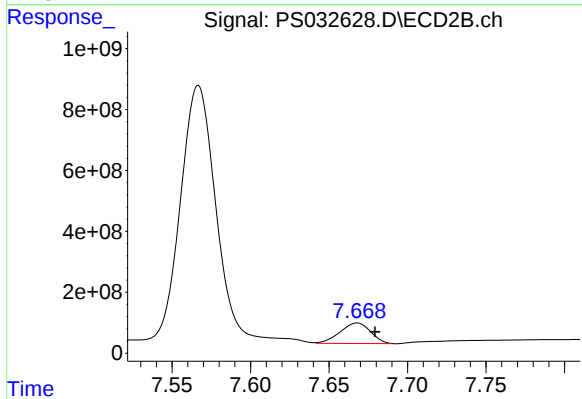
#5 DICAMBA

R.T.: 7.566 min
Delta R.T.: -0.012 min
Response: 12773300549
Conc: 643.82 ng/ml m



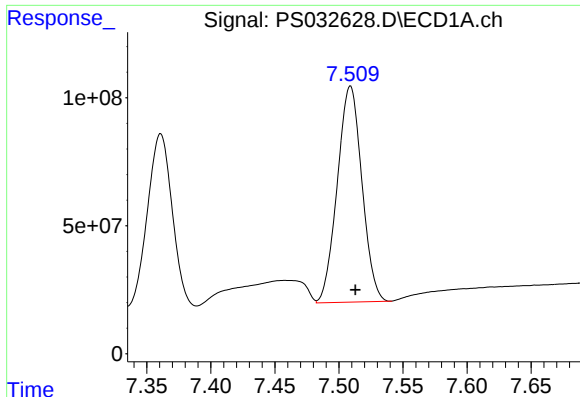
#6 MCP

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 896697280
Conc: 71.11 ug/ml m



#6 MCP

R.T.: 7.668 min
Delta R.T.: -0.012 min
Response: 912751649
Conc: 68.09 ug/ml m



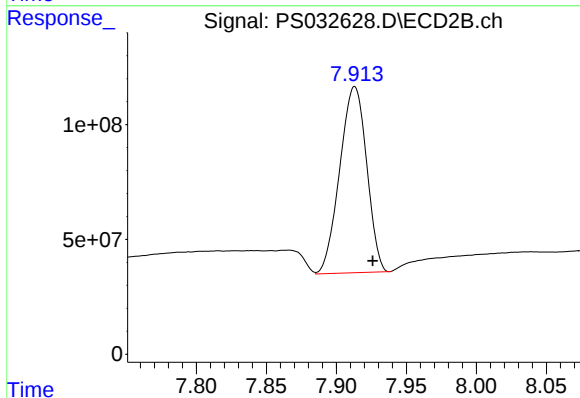
#7 MCPA

R.T.: 7.509 min
Delta R.T.: -0.004 min
Response: 1127226149
Conc: 69.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

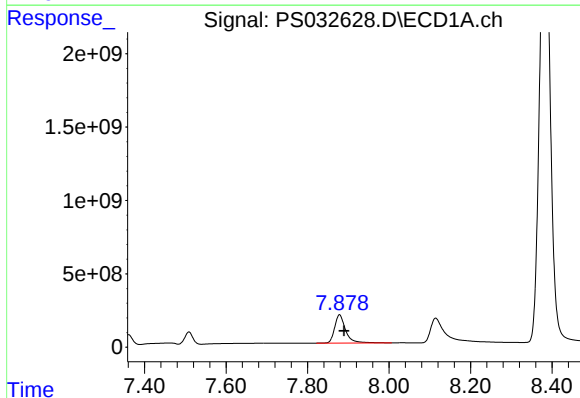
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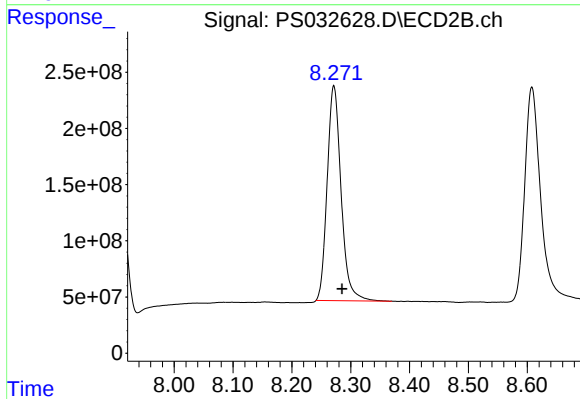
#7 MCPA

R.T.: 7.913 min
Delta R.T.: -0.013 min
Response: 1084673788
Conc: 65.32 ug/ml



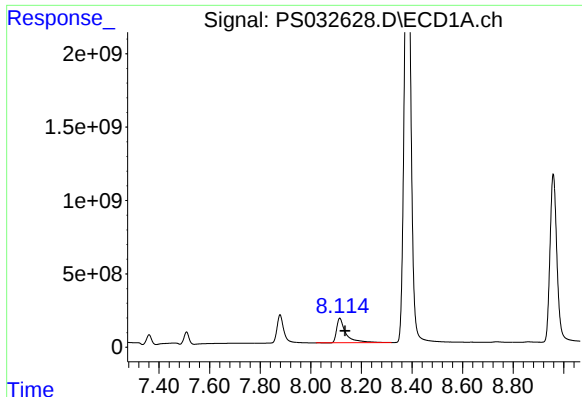
#8 DICHLORPROP

R.T.: 7.878 min
Delta R.T.: -0.011 min
Response: 3571540168
Conc: 662.66 ng/ml



#8 DICHLORPROP

R.T.: 8.271 min
Delta R.T.: -0.014 min
Response: 3135658526
Conc: 631.19 ng/ml



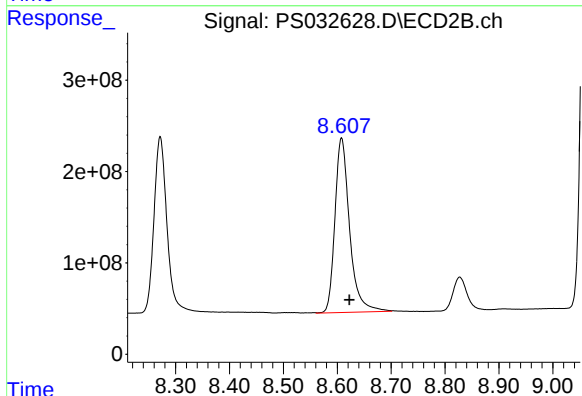
#9 2,4-D

R.T.: 8.115 min
Delta R.T.: -0.020 min
Response: 4248539483
Conc: 695.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

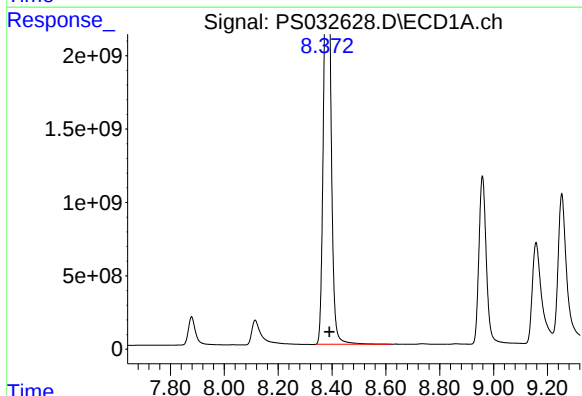
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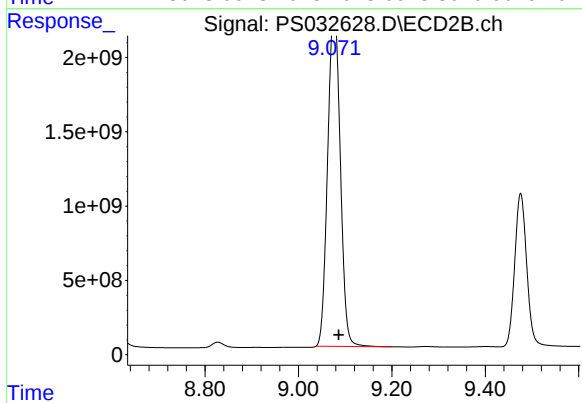
#9 2,4-D

R.T.: 8.607 min
Delta R.T.: -0.015 min
Response: 3612845372
Conc: 643.26 ng/ml m



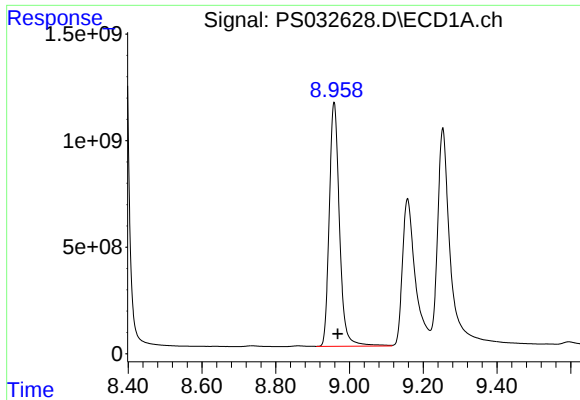
#10 Pentachlorophenol

R.T.: 8.386 min
Delta R.T.: -0.004 min
Response: 48697649303
Conc: 664.16 ng/ml



#10 Pentachlorophenol

R.T.: 9.076 min
Delta R.T.: -0.010 min
Response: 41573331269
Conc: 680.44 ng/ml



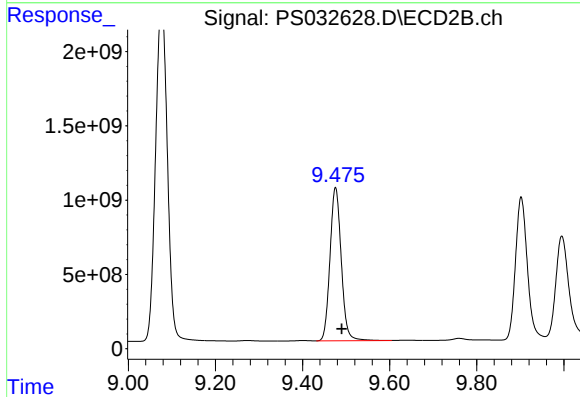
#11 2,4,5-TP (SILVEX)

R.T.: 8.958 min
Delta R.T.: -0.010 min
Response: 21989996568
Conc: 658.10 ng/ml

Instrument :
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ClientSampleId :
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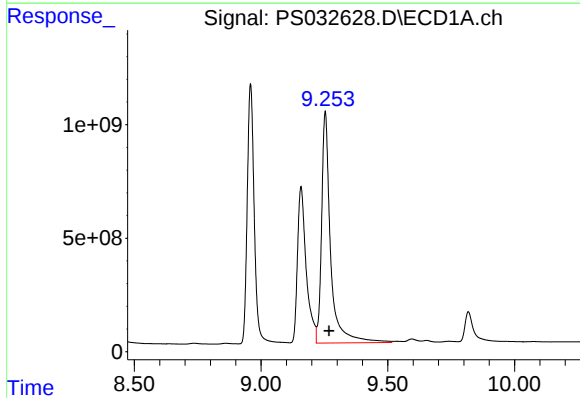
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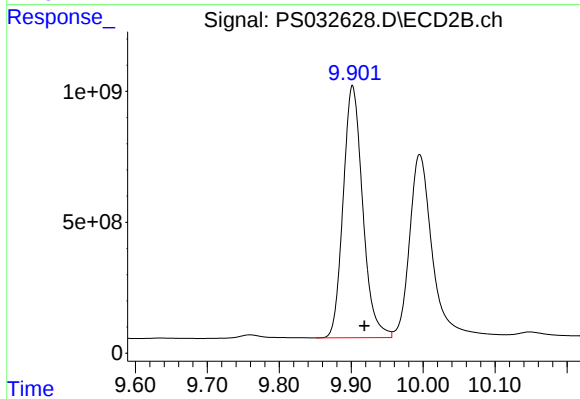
#11 2,4,5-TP (SILVEX)

R.T.: 9.476 min
Delta R.T.: -0.014 min
Response: 18487731323
Conc: 644.43 ng/ml



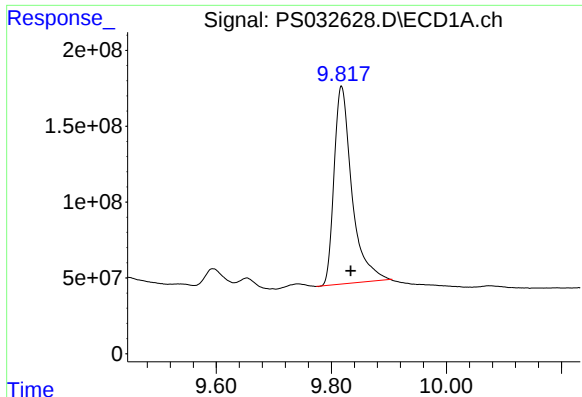
#12 2,4,5-T

R.T.: 9.253 min
Delta R.T.: -0.016 min
Response: 25260919816
Conc: 600.85 ng/ml



#12 2,4,5-T

R.T.: 9.902 min
Delta R.T.: -0.016 min
Response: 18164936573
Conc: 650.46 ng/ml



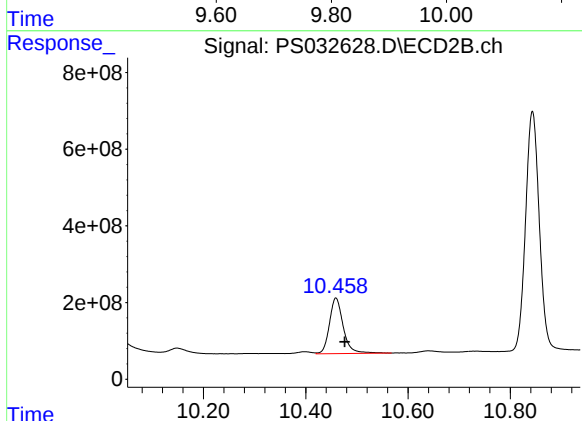
#13 2,4-DB

R.T.: 9.817 min
Delta R.T.: -0.017 min
Response: 2805037135
Conc: 899.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
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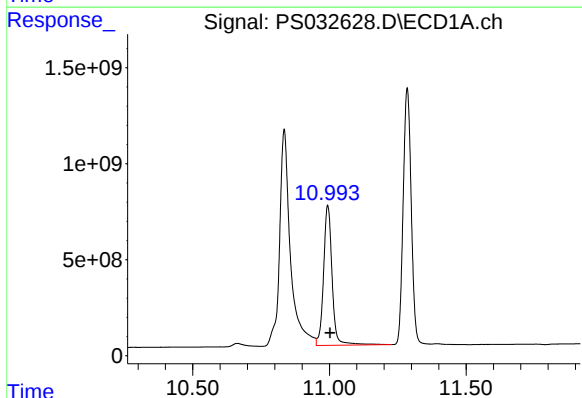
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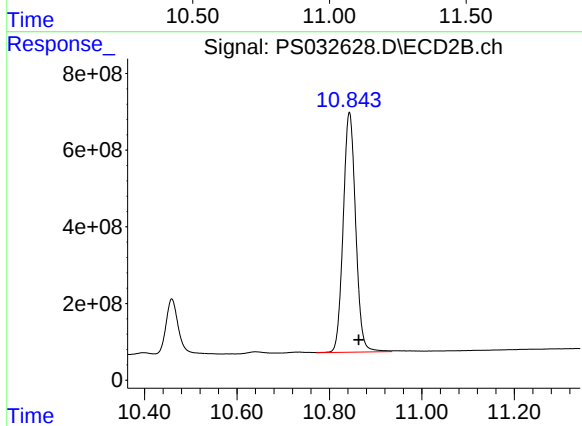
#13 2,4-DB

R.T.: 10.459 min
Delta R.T.: -0.017 min
Response: 2711231949
Conc: 665.57 ng/ml



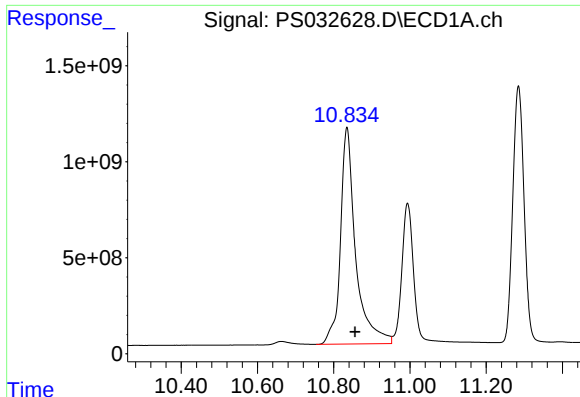
#14 DINOSEB

R.T.: 10.994 min
Delta R.T.: -0.009 min
Response: 15890629260
Conc: 576.25 ng/ml



#14 DINOSEB

R.T.: 10.843 min
Delta R.T.: -0.020 min
Response: 11704464351
Conc: 647.21 ng/ml



#15 Picloram

R.T.: 10.835 min
Delta R.T.: -0.021 min
Response: 31184245128
Conc: 792.59 ng/ml

Instrument :

ECD_S

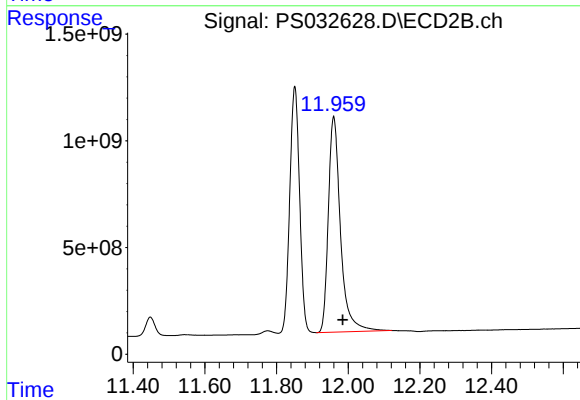
ClientSampleId :

HSTDCCC750

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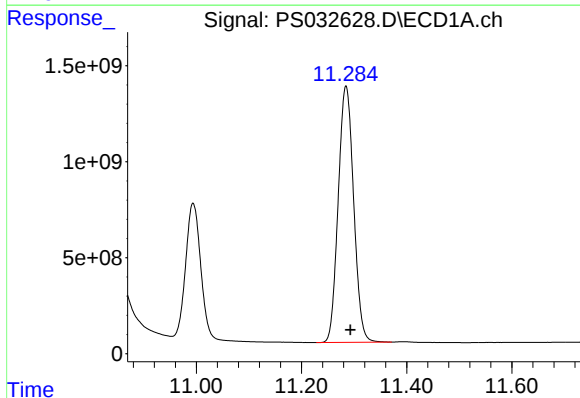
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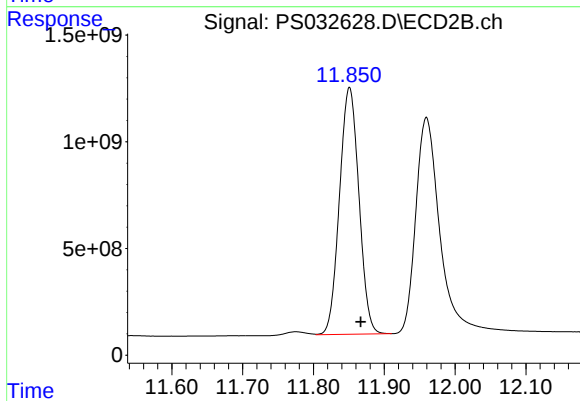
#15 Picloram

R.T.: 11.959 min
Delta R.T.: -0.025 min
Response: 23868606926
Conc: 663.08 ng/ml



#16 DCPA

R.T.: 11.285 min
Delta R.T.: -0.009 min
Response: 27180373656
Conc: 678.38 ng/ml



#16 DCPA

R.T.: 11.851 min
Delta R.T.: -0.016 min
Response: 22043806227
Conc: 647.92 ng/ml