

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091825\
 Data File : PS031771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 18:47
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

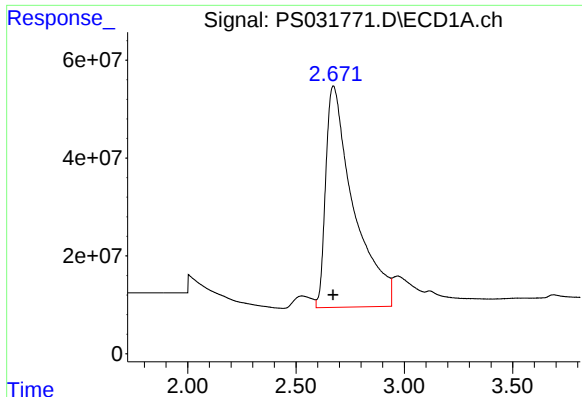
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 02:23:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.286	7.744	2613.1E6	680.9E6	725.556m	749.176
Target Compounds							
1) T	Dalapon	2.672	2.693	4036.5E6	1984.5E6	698.275	704.322
2) T	3,5-DICHL...	6.453	6.696	3882.5E6	1060.6E6	727.971	695.469m
3) T	4-Nitroph...	7.097	7.297	892.9E6	803.1E6	809.403	635.944
5) T	DICAMBA	7.470	7.941	11649.7E6	4698.9E6	746.934	722.141
6) T	MCPD	7.648	8.038	683.0E6	145.9E6	76.408	77.450
7) T	MCPA	7.797	8.285	826.9E6	208.6E6	74.426	74.476
8) T	DICHLORPROP	8.178	8.660	2598.4E6	1064.9E6	729.535	731.862
9) T	2,4-D	8.414	9.002	2601.8E6	1162.5E6	759.510m	706.616
10) T	Pentachlo...	8.709	9.510	41867.5E6	29817.1E6	788.556	751.240
11) T	2,4,5-TP ...	9.287	9.895	15821.5E6	10886.1E6	754.350	723.120
12) T	2,4,5-T	9.583	10.323	14517.0E6	9692.4E6	793.356	720.250
13) T	2,4-DB	10.158	10.892	1740.4E6	712.1E6	746.046m	665.516
14) T	DINOSEB	11.355	11.267	11423.0E6	7586.7E6	792.018	780.475
15) T	Picloram	11.184	12.387	14571.4E6	17103.8E6	809.026	722.189
16) T	DCPA	11.653	12.308	20636.5E6	17740.2E6	765.737	735.982

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



#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.000 min
Response: 4036549365
Conc: 698.27 ng/ml

Instrument :

ECD_S

ClientSampleId :

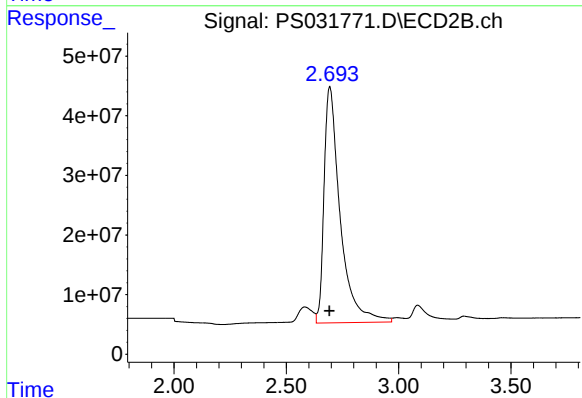
HSTDCCC750

Manual Integrations

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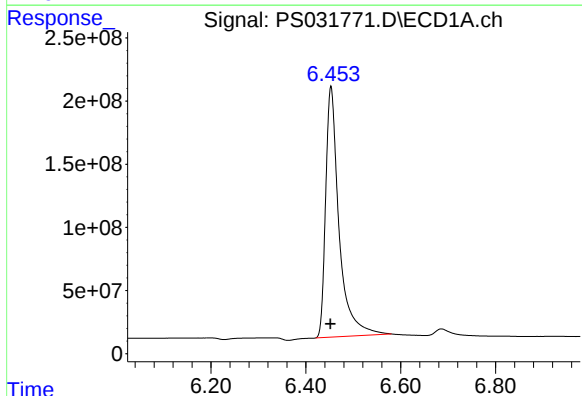
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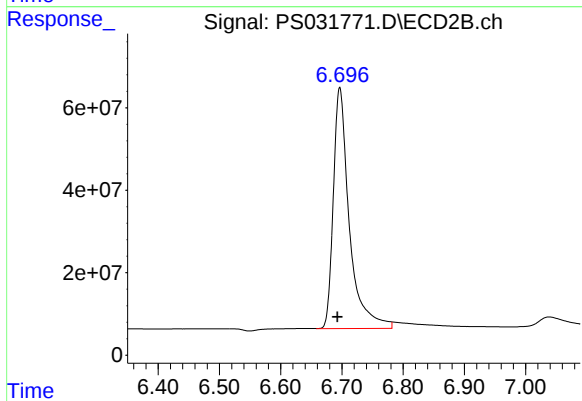
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: 0.001 min
Response: 1984515806
Conc: 704.32 ng/ml



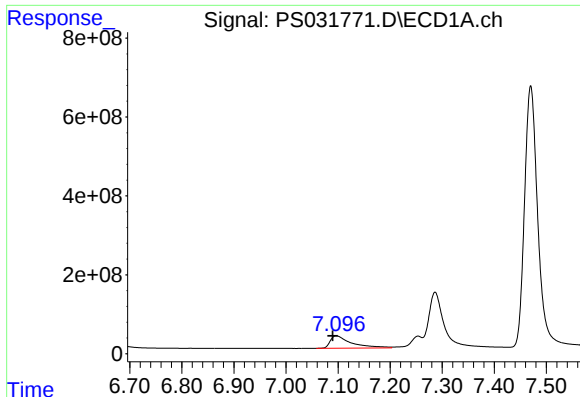
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 3882533661
Conc: 727.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1060565853
Conc: 695.47 ng/ml m



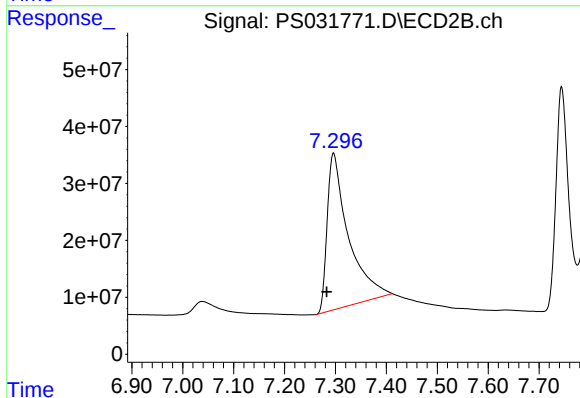
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.007 min
Response: 892941149
Conc: 809.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

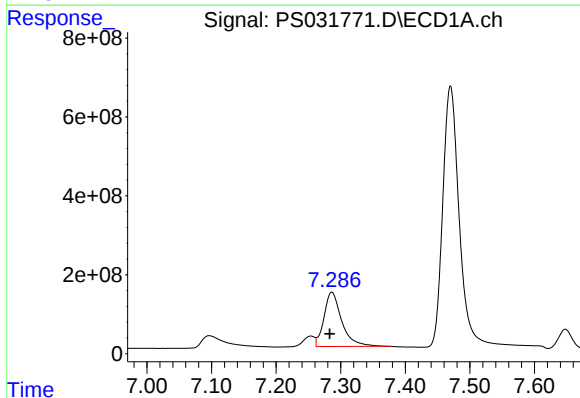
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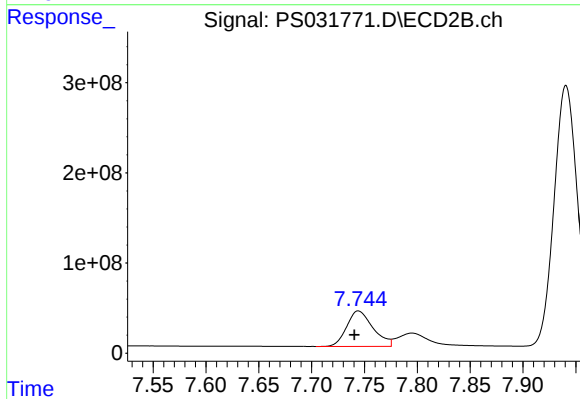
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: 0.014 min
Response: 803060867
Conc: 635.94 ng/ml



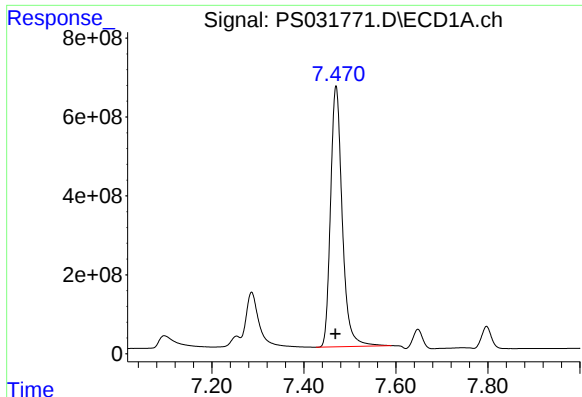
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 2613108666
Conc: 725.56 ng/ml m



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.004 min
Response: 680925336
Conc: 749.18 ng/ml



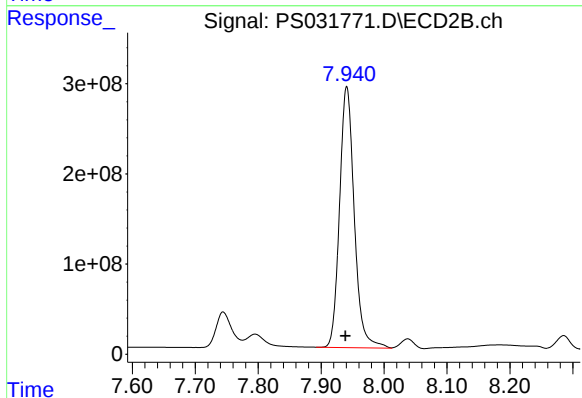
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.001 min
Response: 11649711875
Conc: 746.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

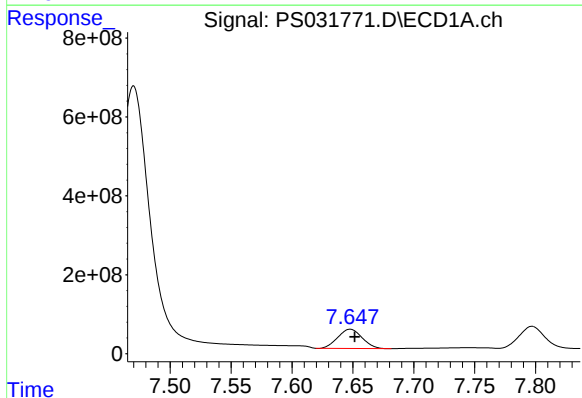
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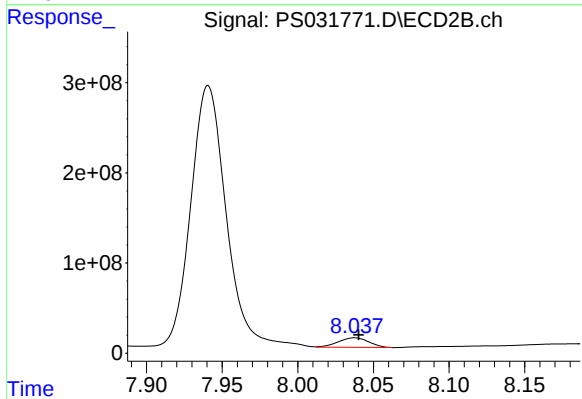
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.002 min
Response: 4698864135
Conc: 722.14 ng/ml



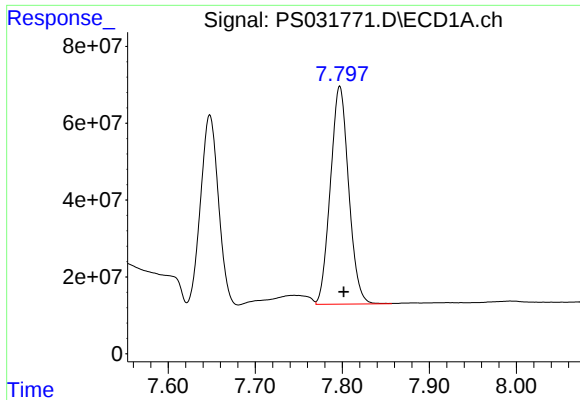
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 683025670
Conc: 76.41 ug/ml



#6 MCP

R.T.: 8.038 min
Delta R.T.: -0.003 min
Response: 145870308
Conc: 77.45 ug/ml



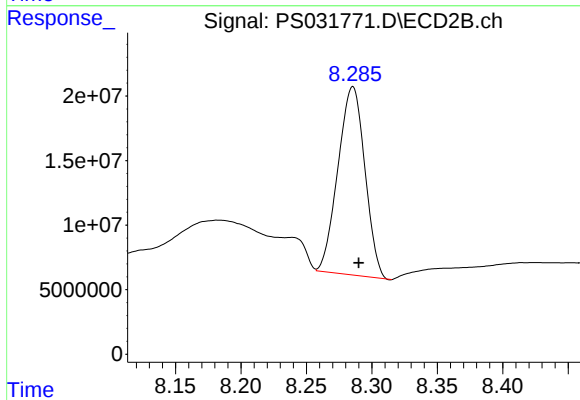
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 826906836
Conc: 74.43 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

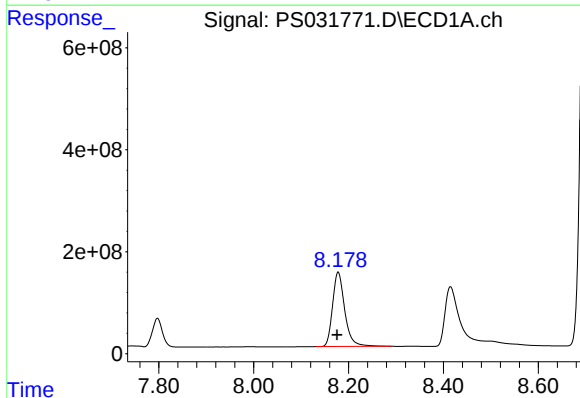
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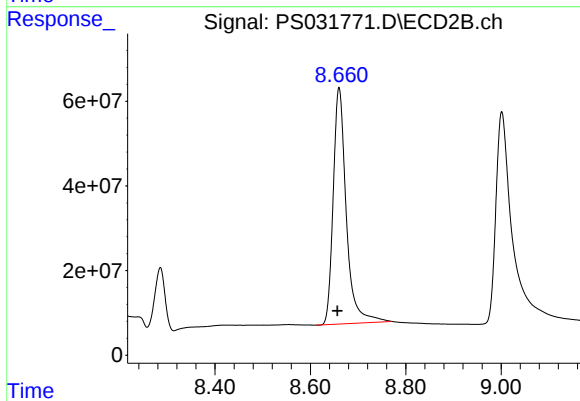
#7 MCPA

R.T.: 8.285 min
Delta R.T.: -0.005 min
Response: 208622137
Conc: 74.48 ug/ml



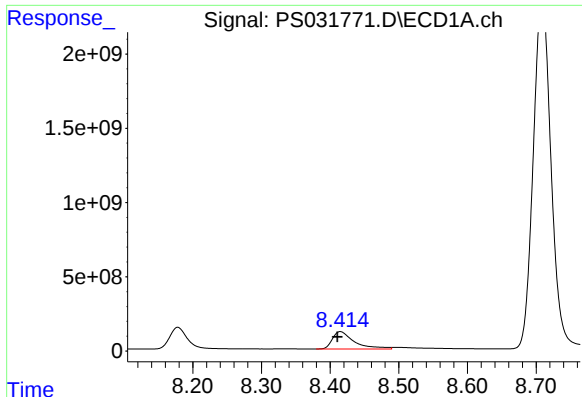
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2598430032
Conc: 729.53 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 1064903751
Conc: 731.86 ng/ml



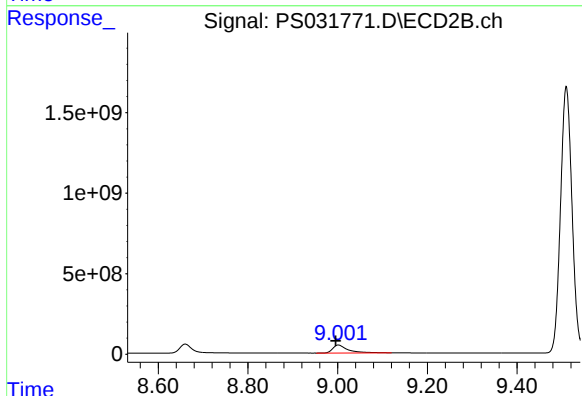
#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 2601808213
Conc: 759.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

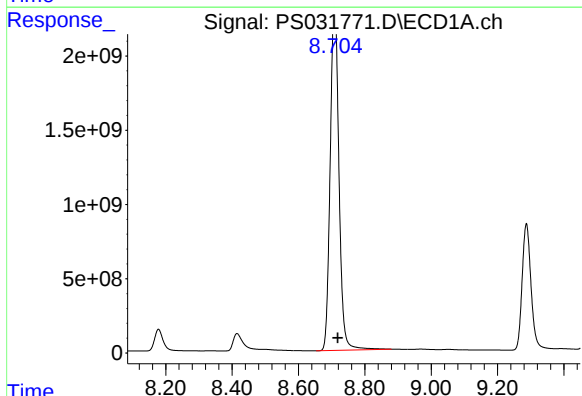
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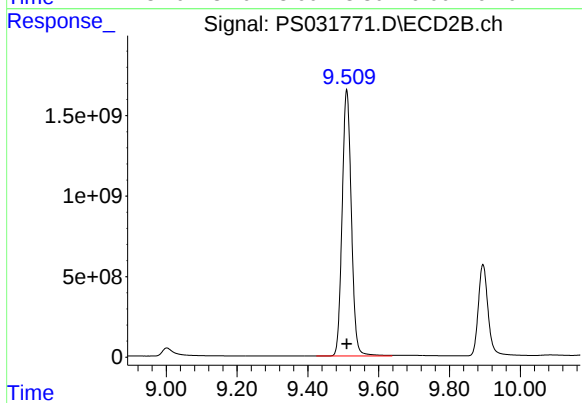
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 1162462042
Conc: 706.62 ng/ml



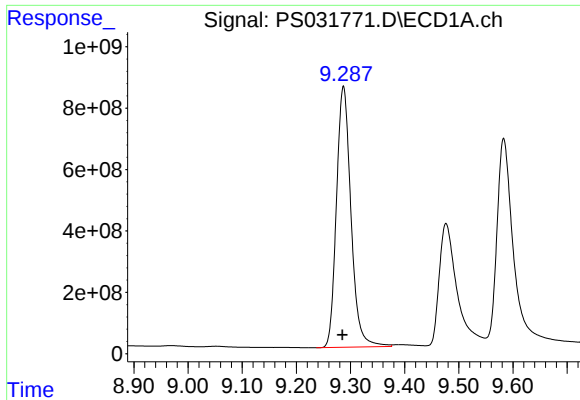
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.010 min
Response: 41867462600
Conc: 788.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 29817110107
Conc: 751.24 ng/ml



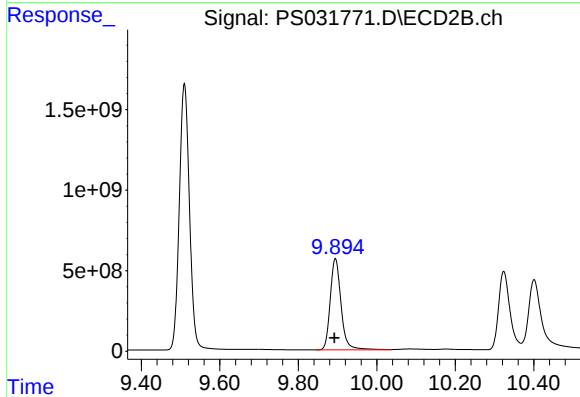
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 1582150777
Conc: 754.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

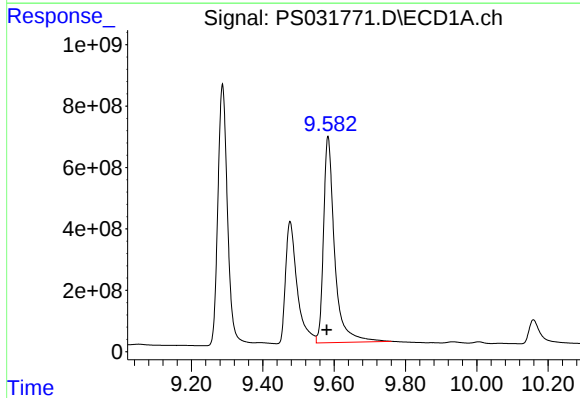
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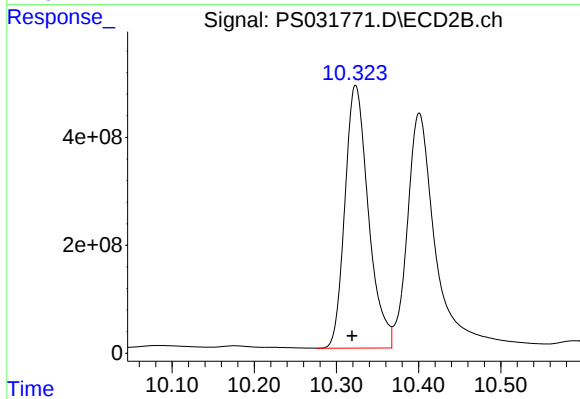
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 10886082060
Conc: 723.12 ng/ml



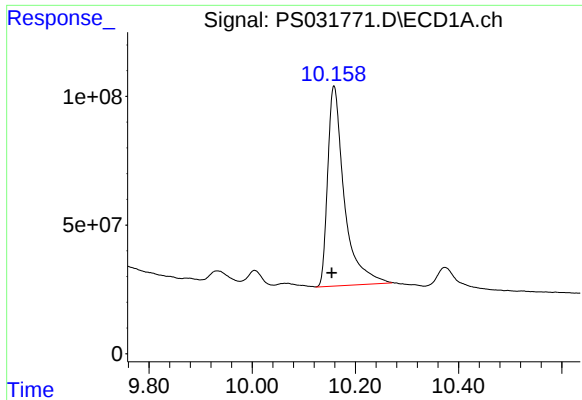
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.003 min
Response: 14516962851
Conc: 793.36 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 9692421504
Conc: 720.25 ng/ml



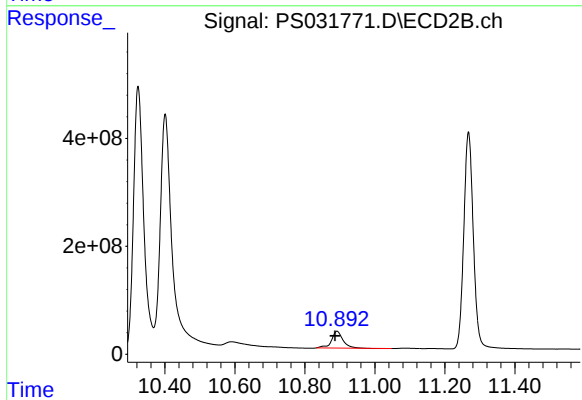
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.004 min
Response: 1740350157
Conc: 746.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

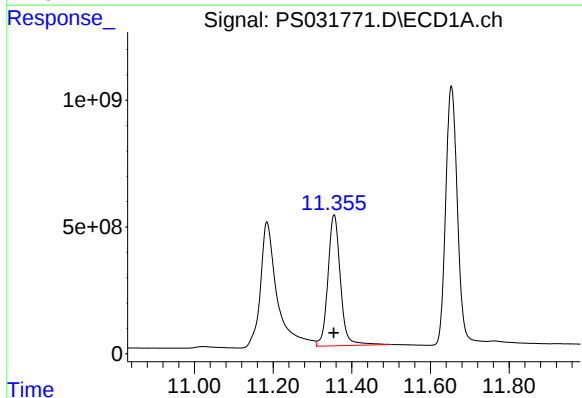
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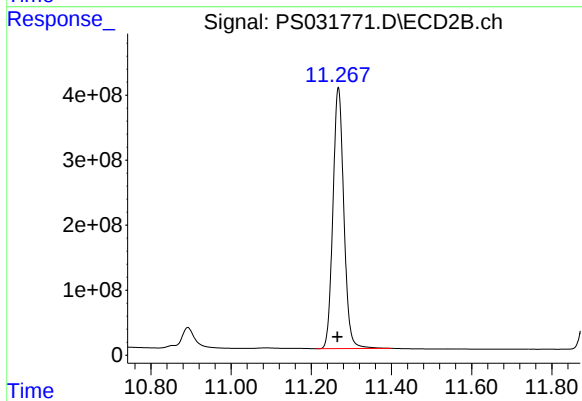
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.005 min
Response: 712132264
Conc: 665.52 ng/ml



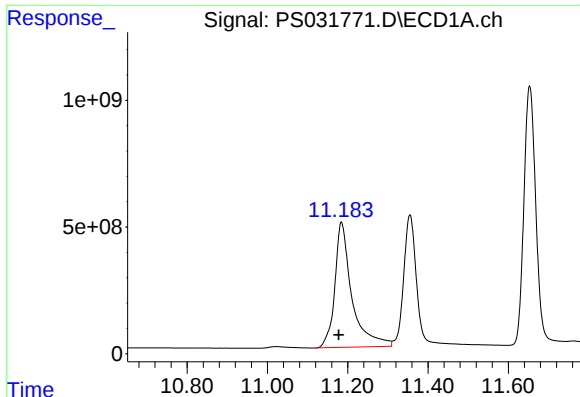
#14 DINOSEB

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 11423034962
Conc: 792.02 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 7586745149
Conc: 780.47 ng/ml



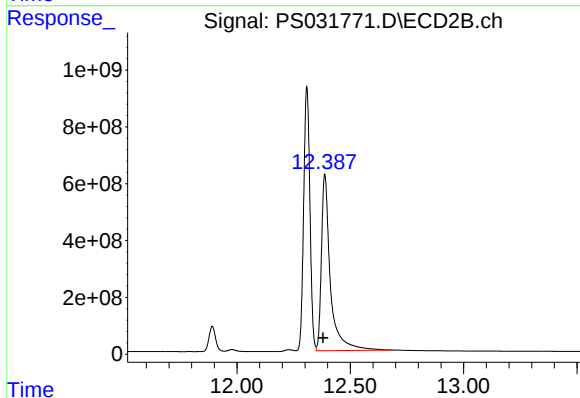
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.007 min
Response: 14571433632
Conc: 809.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

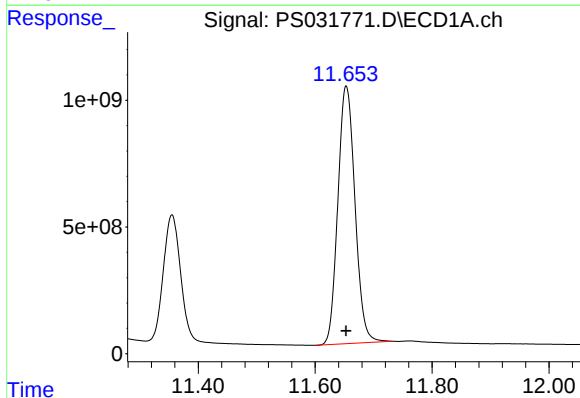
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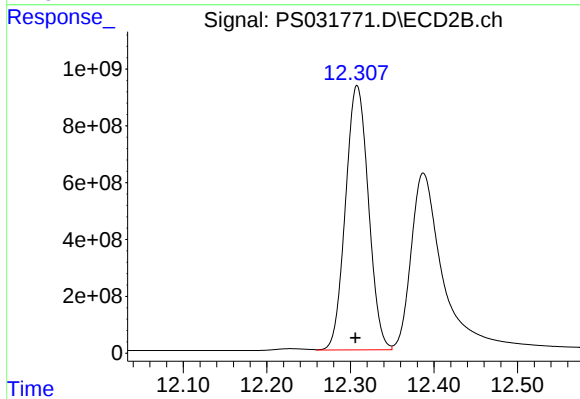
#15 Picloram

R.T.: 12.387 min
Delta R.T.: 0.008 min
Response: 17103780444
Conc: 722.19 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 20636524469
Conc: 765.74 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 17740192099
Conc: 735.98 ng/ml