

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110625\
 Data File : PS032302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 21:25
 Operator : AR\AJ
 Sample : Q3530-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

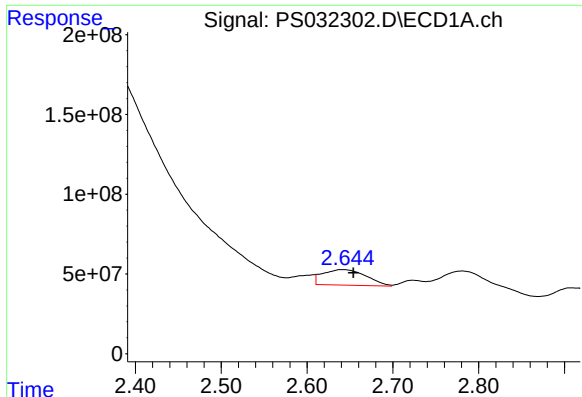
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 01:09:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.279	7.613	1657.0E6	1754.5E6	365.690	481.266m#
Target Compounds							
1) T	Dalapon	2.644	2.612	338.0E6	2651.0E6	47.080m	381.225m#
2) T	3,5-DICHL...	6.450	6.588	502.6E6	438.4E6	77.723	72.955
3) T	4-Nitroph...	7.111	7.196	32482172	42929383	24.196m	18.912m
5) T	DICAMBA	7.464	7.806	1481.8E6	1365.7E6	78.545	79.069m
6) T	MCPD	7.636	7.899	37561297	77382194	3.449	5.818 #
7) T	MCPA	7.786	8.143	74203897	94659357	5.527	5.806
8) T	DICHLORPROP	8.174	8.522	455.4E6	447.3E6	102.365	93.797
9) T	2,4-D	8.420	8.874	407.7E6	600.2E6	90.355	114.414 #
10) T	Pentachlo...	8.699	9.356	6157.6E6	6349.0E6	98.146	108.156
11) T	2,4,5-TP ...	9.278	9.740	2367.3E6	3744.8E6	91.010	139.450 #
12) T	2,4,5-T	9.580	10.180	1708.6E6	2294.7E6	71.673m	96.748 #
13) T	2,4-DB	10.160	10.746	176.7E6	292.3E6	67.041m	77.504m
14) T	DINOSEB	11.342	11.105	1380.9E6	1148.1E6	66.367	64.912
15) T	Picloram	11.205	12.245	1354.8E6	2704.0E6	63.829	72.724
16) T	DCPA	11.639	12.138	2595.3E6	3438.5E6	77.351	107.924 #

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



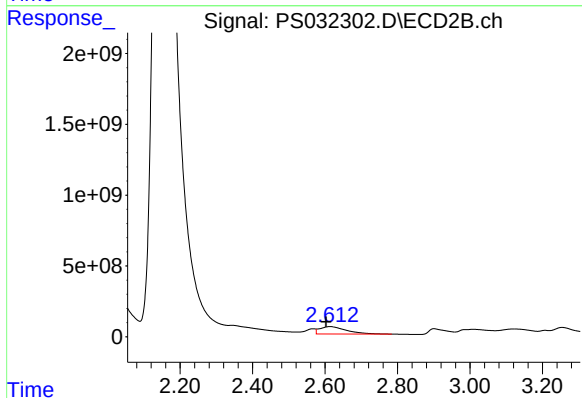
#1 Dalapon

R.T.: 2.644 min
Delta R.T.: -0.010 min
Response: 337979974
Conc: 47.08 ng/ml

Instrument :
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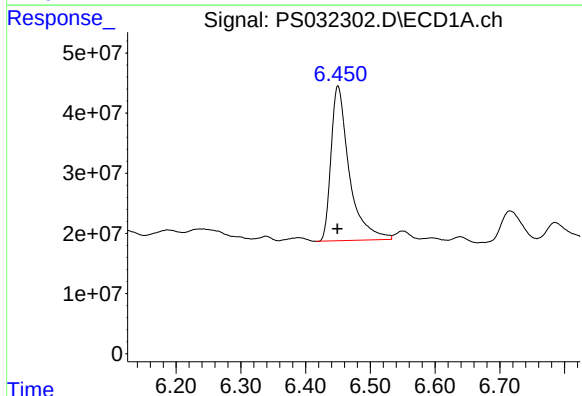
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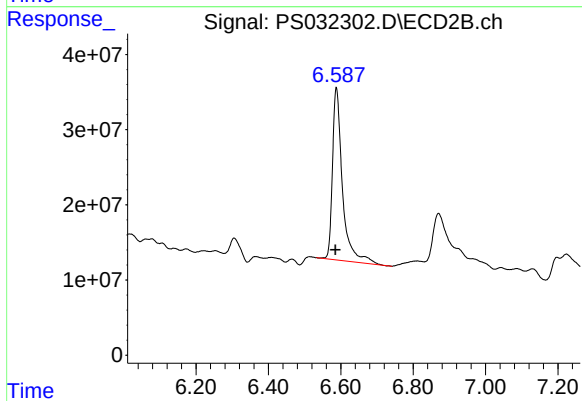
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: 0.009 min
Response: 2651035965
Conc: 381.22 ng/ml m



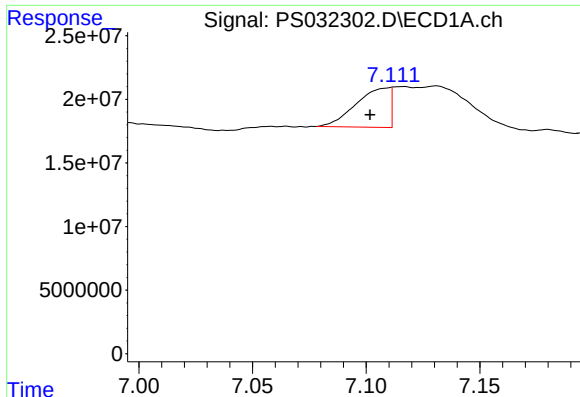
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 502575488
Conc: 77.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.588 min
Delta R.T.: 0.003 min
Response: 438379495
Conc: 72.95 ng/ml



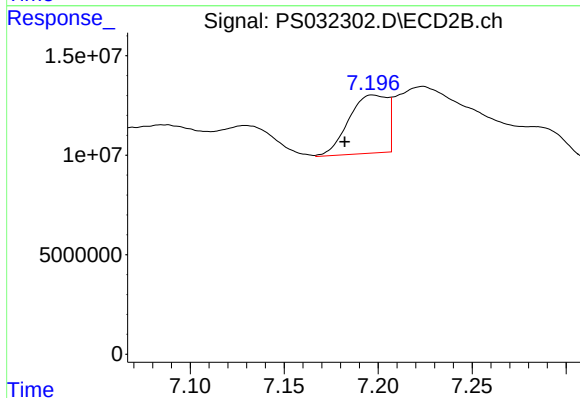
#3 4-Nitrophenol

R.T.: 7.111 min
Delta R.T.: 0.009 min
Response: 32482172
Conc: 24.20 ng/ml

Instrument :
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ClientSampleId :
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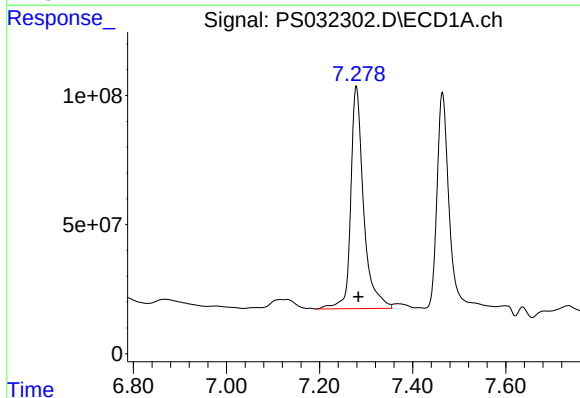
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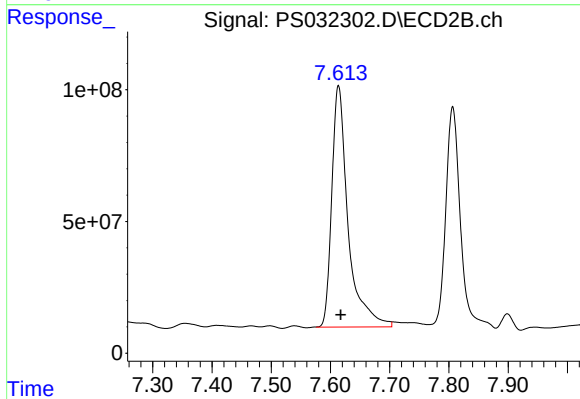
#3 4-Nitrophenol

R.T.: 7.196 min
Delta R.T.: 0.014 min
Response: 42929383
Conc: 18.91 ng/ml m



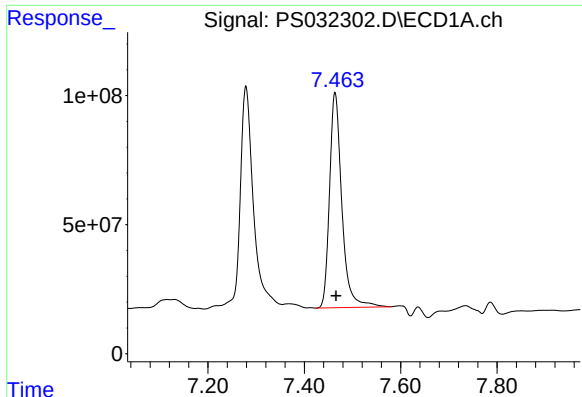
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 1657043858
Conc: 365.69 ng/ml



#4 2,4-DCAA

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 1754452000
Conc: 481.27 ng/ml m



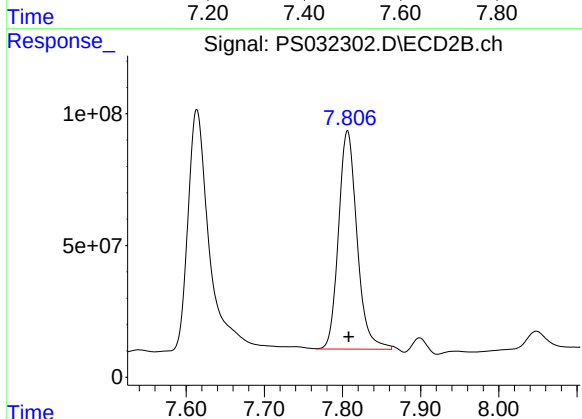
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 1481841016
Conc: 78.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
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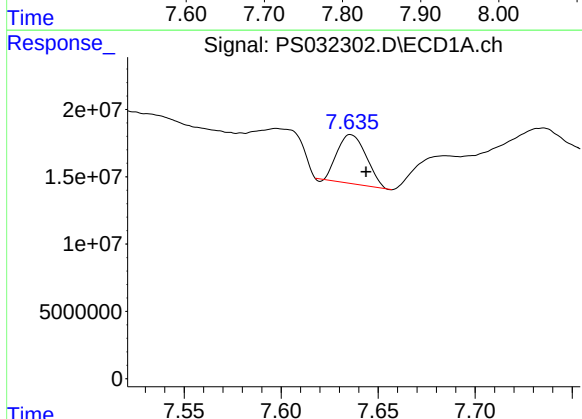
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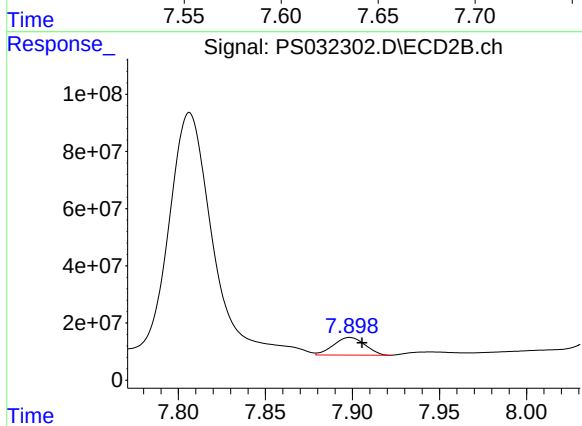
#5 DICAMBA

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1365719041
Conc: 79.07 ng/ml m



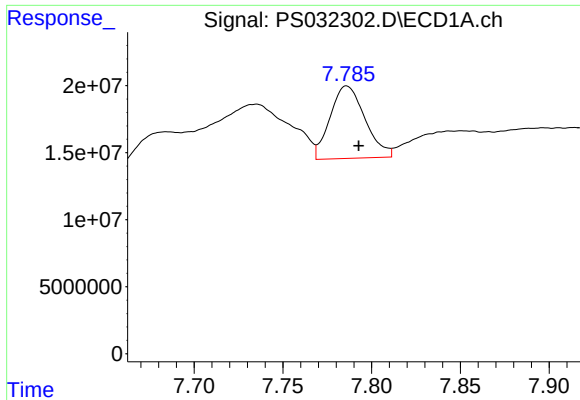
#6 MCP

R.T.: 7.636 min
Delta R.T.: -0.008 min
Response: 37561297
Conc: 3.45 ug/ml



#6 MCP

R.T.: 7.899 min
Delta R.T.: -0.007 min
Response: 77382194
Conc: 5.82 ug/ml



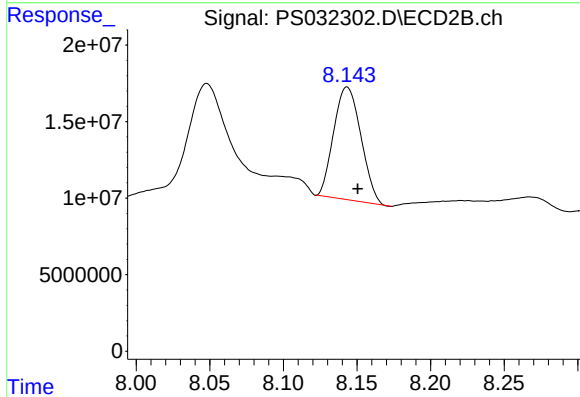
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 74203897
Conc: 5.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT4-2025

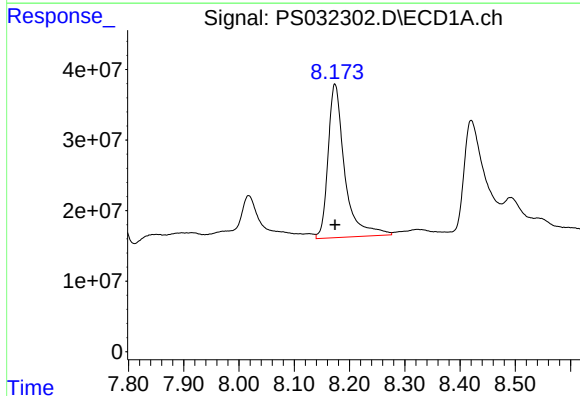
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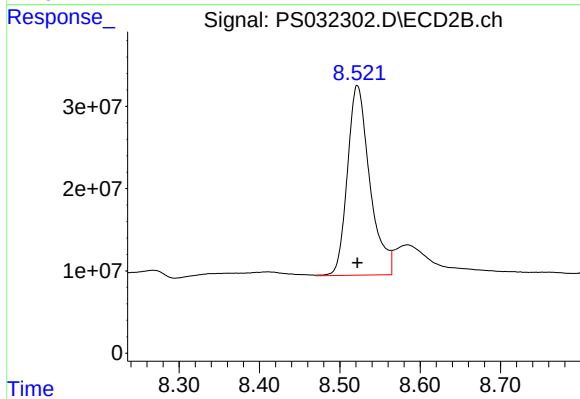
#7 MCPA

R.T.: 8.143 min
Delta R.T.: -0.007 min
Response: 94659357
Conc: 5.81 ug/ml



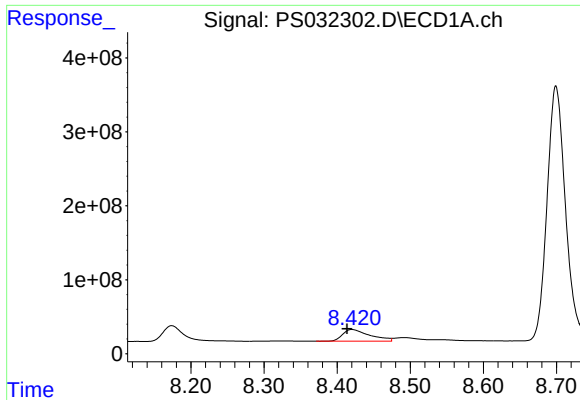
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 455395073
Conc: 102.36 ng/ml



#8 DICHLORPROP

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 447331302
Conc: 93.80 ng/ml



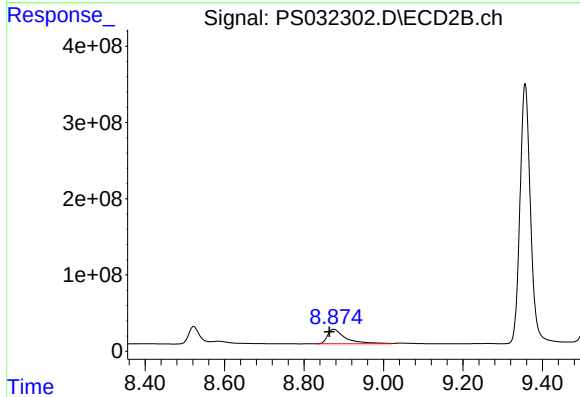
#9 2,4-D

R.T.: 8.420 min
Delta R.T.: 0.007 min
Response: 407666540
Conc: 90.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
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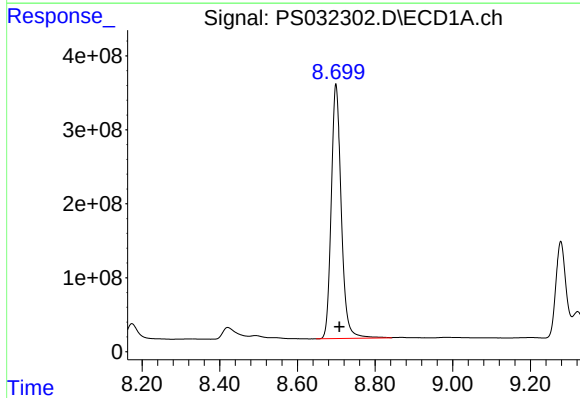
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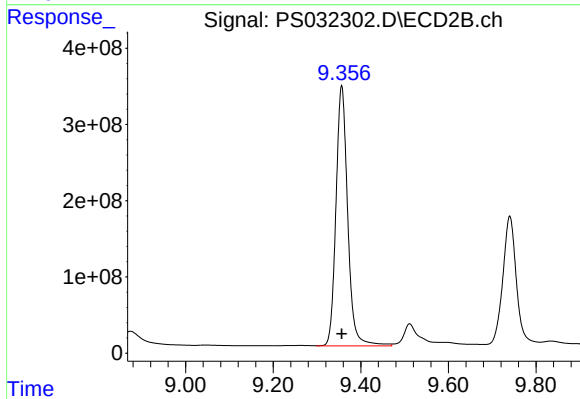
#9 2,4-D

R.T.: 8.874 min
Delta R.T.: 0.011 min
Response: 600174618
Conc: 114.41 ng/ml



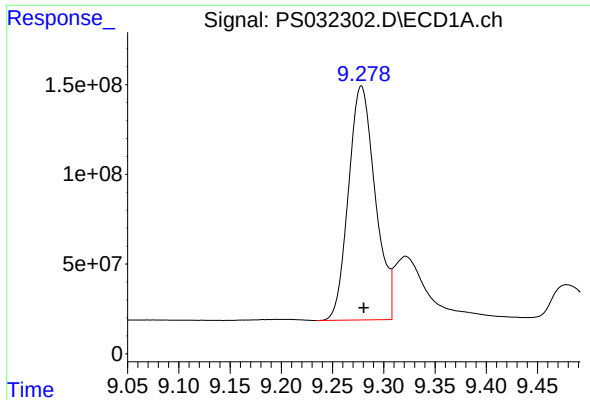
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.008 min
Response: 6157598949
Conc: 98.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 6349017390
Conc: 108.16 ng/ml



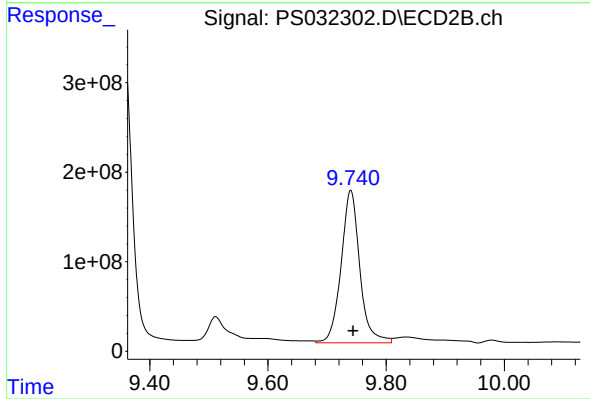
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.002 min
Response: 2367315283
Conc: 91.01 ng/ml

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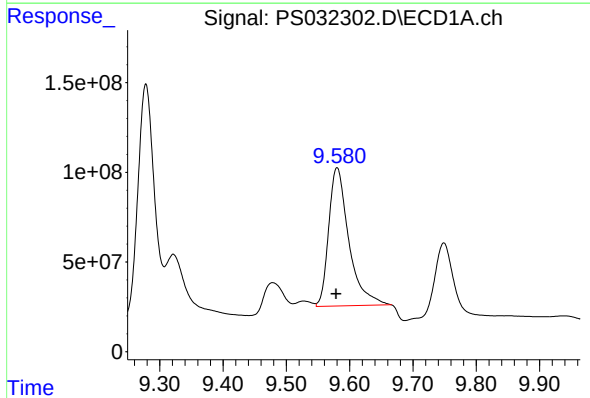
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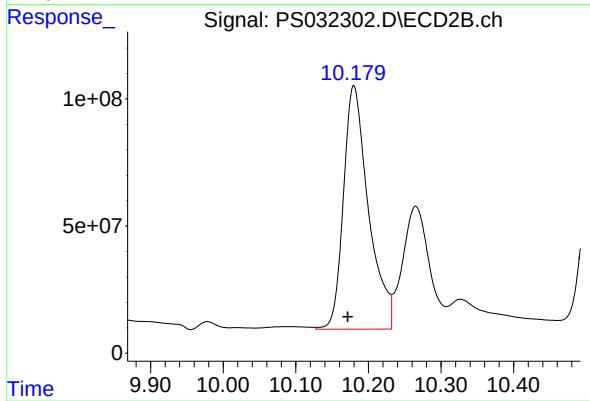
#11 2,4,5-TP (SILVEX)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 3744772281
Conc: 139.45 ng/ml



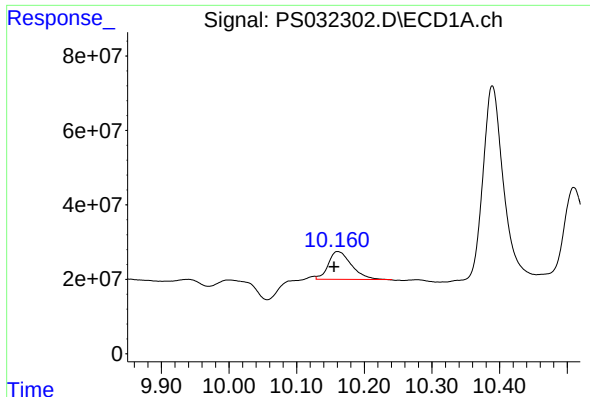
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.001 min
Response: 1708558032
Conc: 71.67 ng/ml m



#12 2,4,5-T

R.T.: 10.180 min
Delta R.T.: 0.008 min
Response: 2294668851
Conc: 96.75 ng/ml



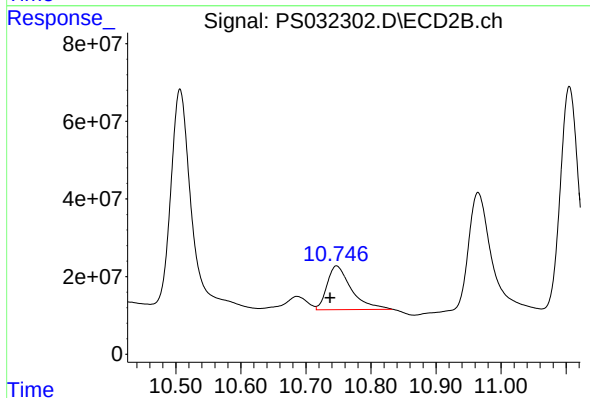
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.005 min
Response: 176661174
Conc: 67.04 ng/ml

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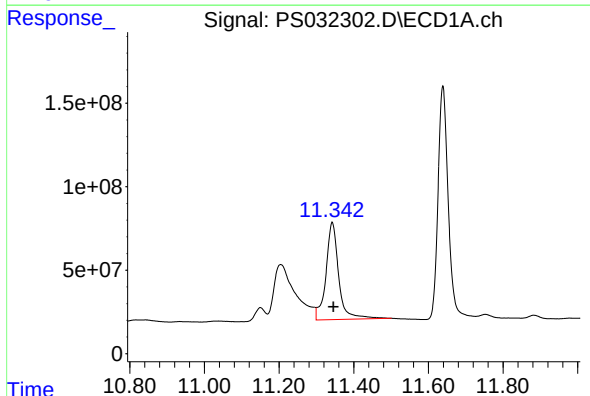
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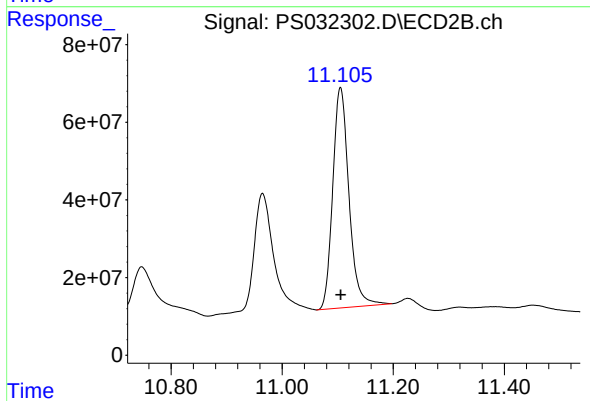
#13 2,4-DB

R.T.: 10.746 min
Delta R.T.: 0.009 min
Response: 292293218
Conc: 77.50 ng/ml m



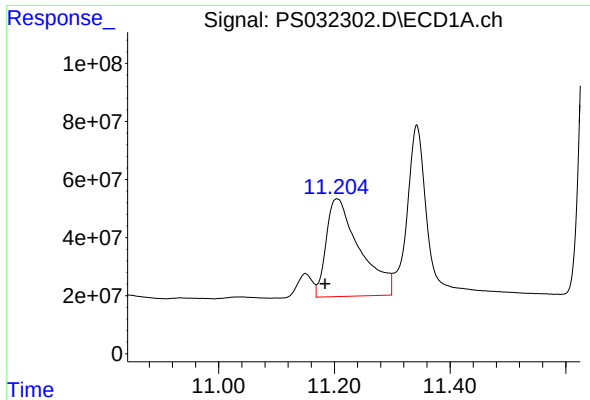
#14 DINOSEB

R.T.: 11.342 min
Delta R.T.: -0.003 min
Response: 1380929690
Conc: 66.37 ng/ml



#14 DINOSEB

R.T.: 11.105 min
Delta R.T.: 0.000 min
Response: 1148125269
Conc: 64.91 ng/ml



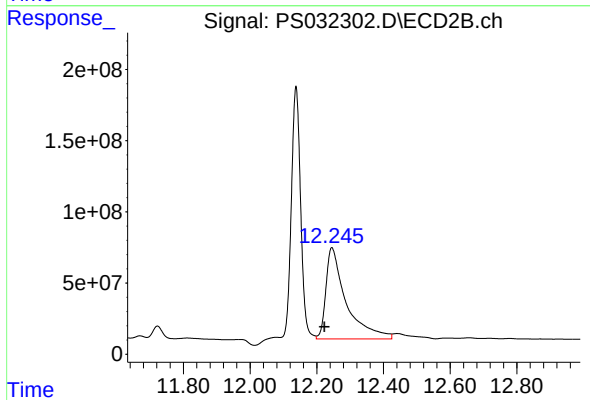
#15 Picloram

R.T.: 11.205 min
Delta R.T.: 0.021 min
Response: 1354817329
Conc: 63.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
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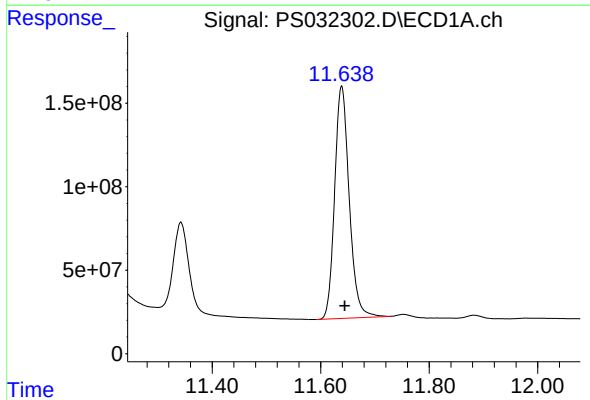
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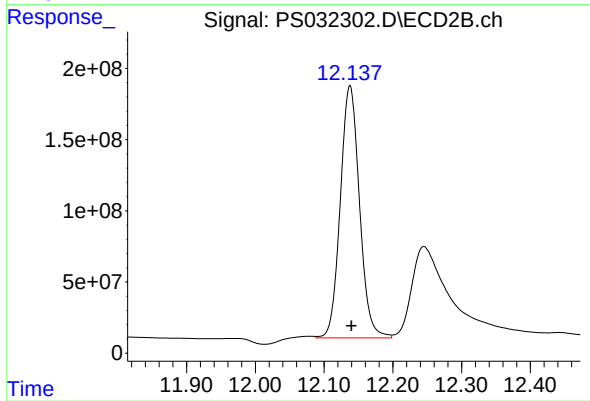
#15 Picloram

R.T.: 12.245 min
Delta R.T.: 0.022 min
Response: 2704025134
Conc: 72.72 ng/ml



#16 DCPA

R.T.: 11.639 min
Delta R.T.: -0.006 min
Response: 2595273795
Conc: 77.35 ng/ml



#16 DCPA

R.T.: 12.138 min
Delta R.T.: -0.002 min
Response: 3438531581
Conc: 107.92 ng/ml