

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 16:01
 Operator : AR\AJ
 Sample : Q2558-01MSDRE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OU4-TS-Denali-070925MSDRE

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2025
 Supervised By : mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:20:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.322	7.762	388.6E6	199.4E6	89.369	196.481 #
Target Compounds							
1) T	Dalapon	2.682	2.697	530.3E6	2107.7E6	84.532m	743.006m#
2) T	3,5-DICHL...	6.485	6.708	451.0E6	156.9E6	81.663	101.915
5) T	DICAMBA	7.512	7.963	1981.8E6	765.0E6	120.128	118.541
6) T	MCP	7.679	8.067	30982203	117.9E6	3.095m	56.744 #
8) T	DICHLORPROP	8.222	8.683	336.4E6	177.1E6	88.006	116.901 #
9) T	2,4-D	8.454	9.019	761.1E6	259.6E6	203.781	152.832 #
10) T	Pentachlo...	8.761	9.542	2800.6E6	1793.7E6	51.272	45.896
11) T	2,4,5-TP ...	9.340	9.927	1567.9E6	1507.0E6	71.417m	101.181m#
12) T	2,4,5-T	9.634	10.351	1603.9E6	1675.8E6	82.136m	117.854 #
13) T	2,4-DB	10.209	10.908	96276475	51029411	32.201m	43.596m#
14) T	DINOSEB	11.424	11.312	142.6E6	2489.6E6	9.157	220.279 #
15) T	Picloram	11.234	12.413	3637.3E6	3297.5E6	181.803	132.456m#
16) T	DCPA	11.721	12.348	4466.9E6	3451.2E6	155.675	149.818m

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

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Data File : PS031194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 16:01
Operator : AR\AJ
Sample : Q2558-01MSDRE
Misc :
ALS Vial : 15 Sample Multiplier: 1

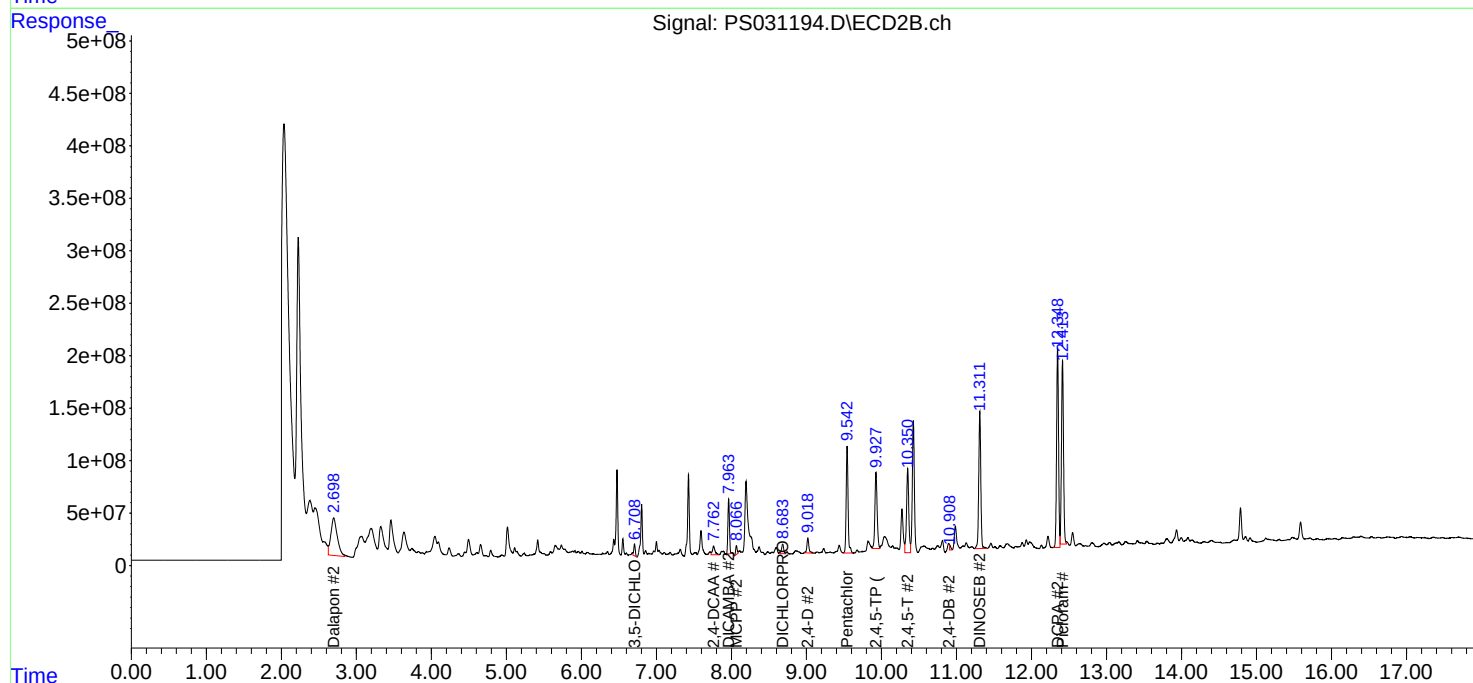
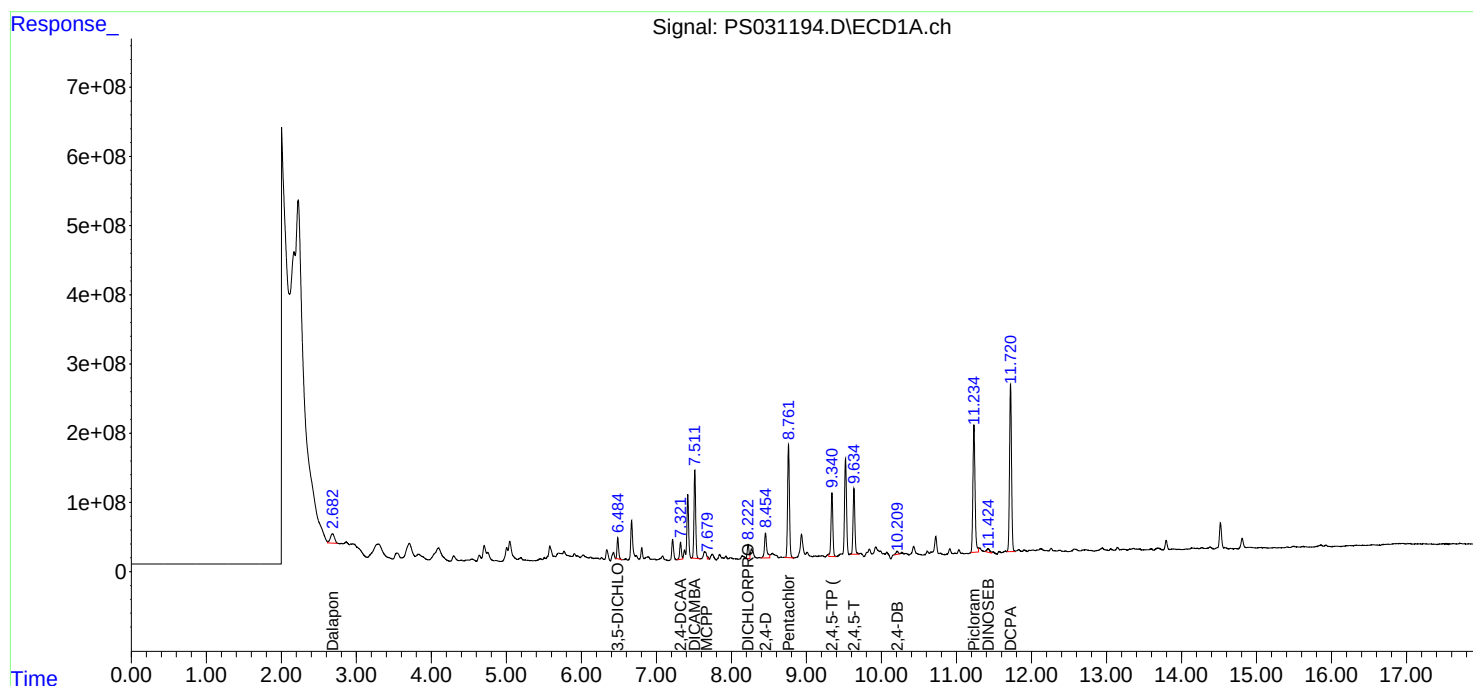
Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSDRE

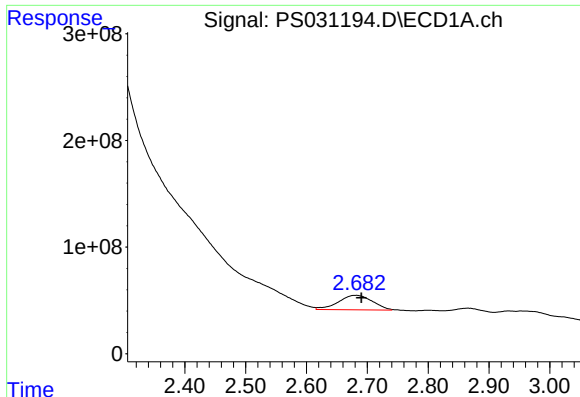
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 01:20:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial 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





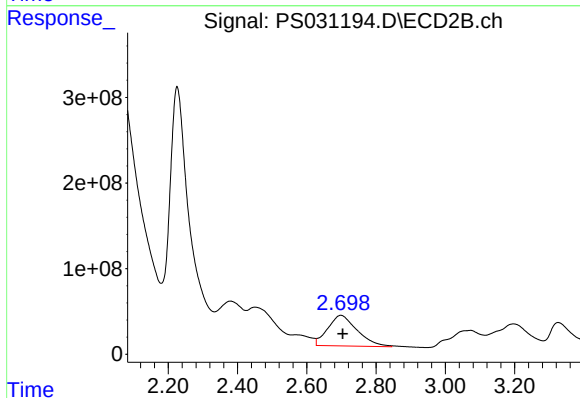
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.008 min
Response: 530261616
Conc: 84.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSDRE

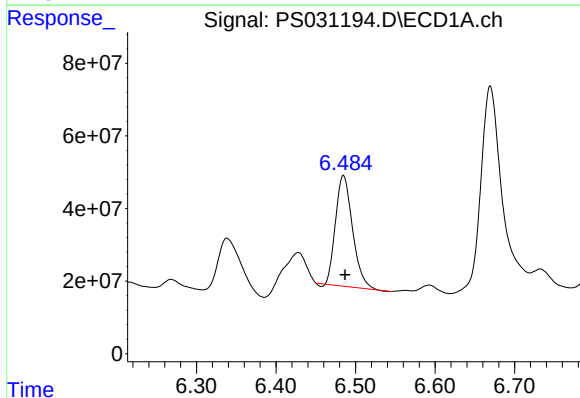
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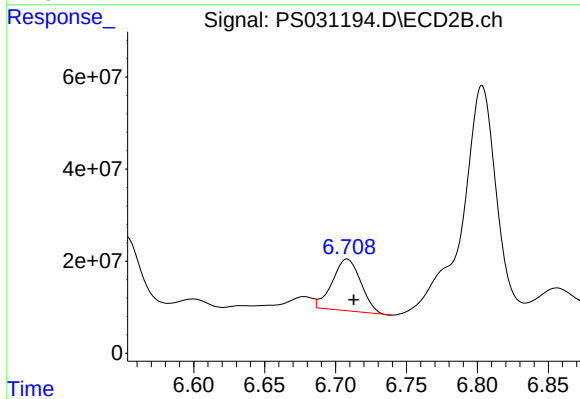
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.006 min
Response: 2107715051
Conc: 743.01 ng/ml m



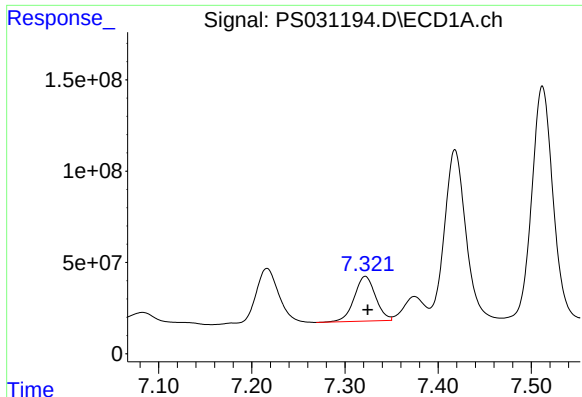
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 451005487
Conc: 81.66 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 156937955
Conc: 101.91 ng/ml



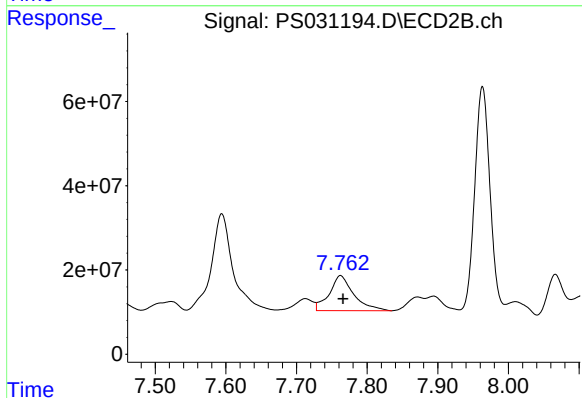
#4 2,4-DCAA

R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 388599856
Conc: 89.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
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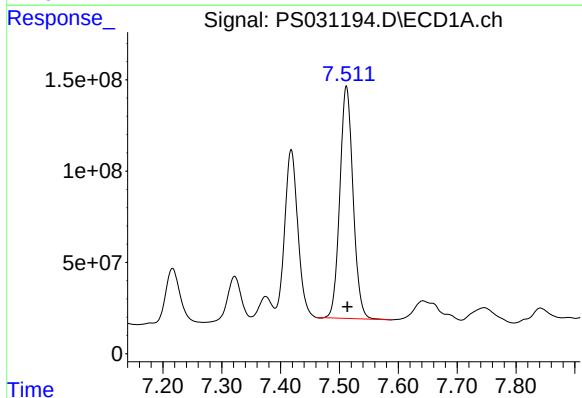
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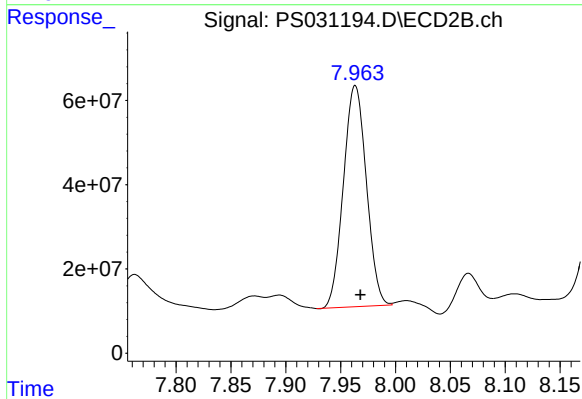
#4 2,4-DCAA

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 199422308
Conc: 196.48 ng/ml



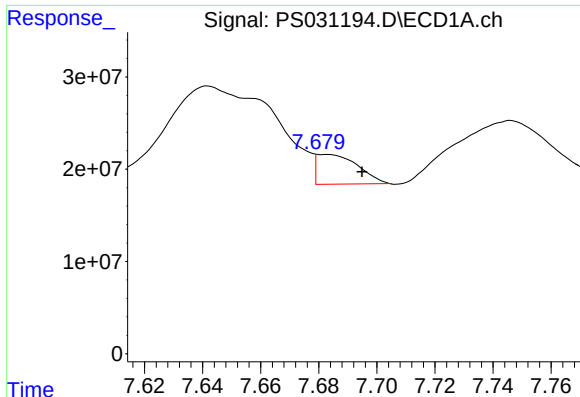
#5 DICAMBA

R.T.: 7.512 min
Delta R.T.: -0.002 min
Response: 1981755547
Conc: 120.13 ng/ml



#5 DICAMBA

R.T.: 7.963 min
Delta R.T.: -0.005 min
Response: 764991691
Conc: 118.54 ng/ml



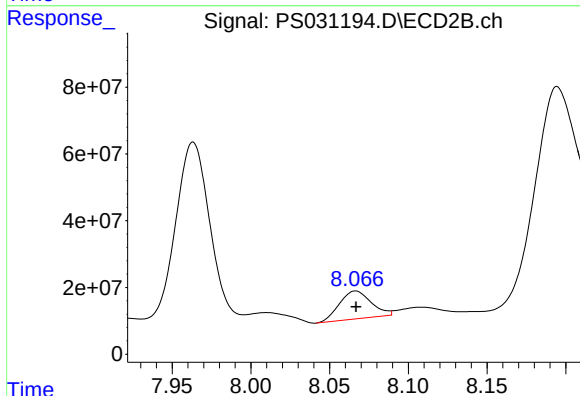
#6 MCPP

R.T.: 7.679 min
Delta R.T.: -0.016 min
Response: 30982203
Conc: 3.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
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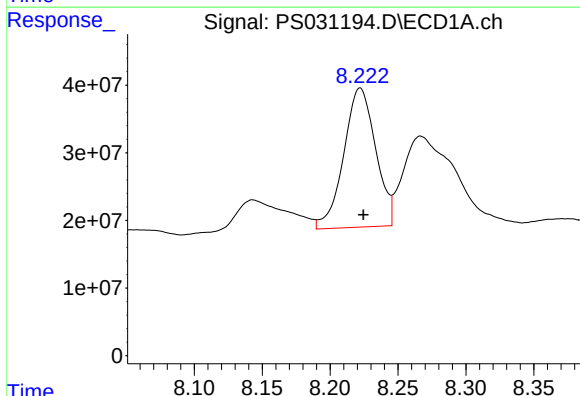
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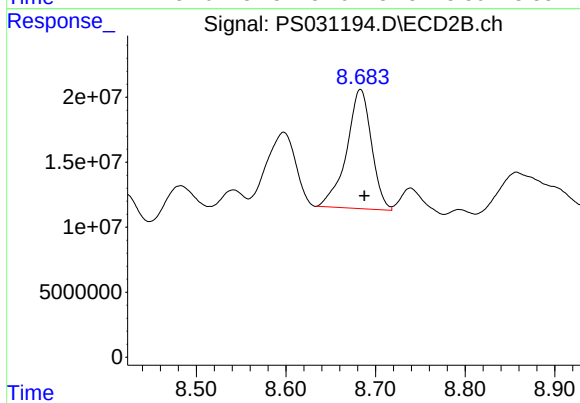
#6 MCPP

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 117902712
Conc: 56.74 ug/ml



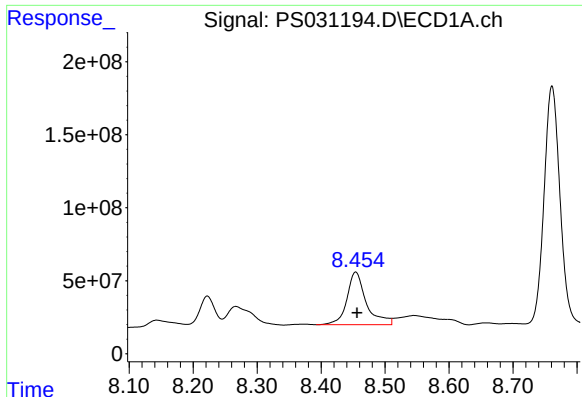
#8 DICHLORPROP

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 336353835
Conc: 88.01 ng/ml



#8 DICHLORPROP

R.T.: 8.683 min
Delta R.T.: -0.005 min
Response: 177089285
Conc: 116.90 ng/ml



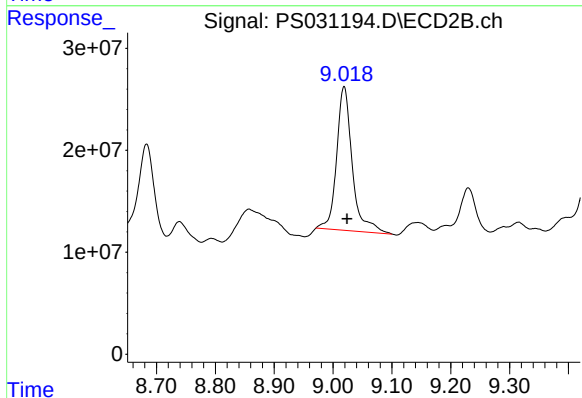
#9 2,4-D

R.T.: 8.454 min
Delta R.T.: -0.002 min
Response: 761105147
Conc: 203.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSDRE

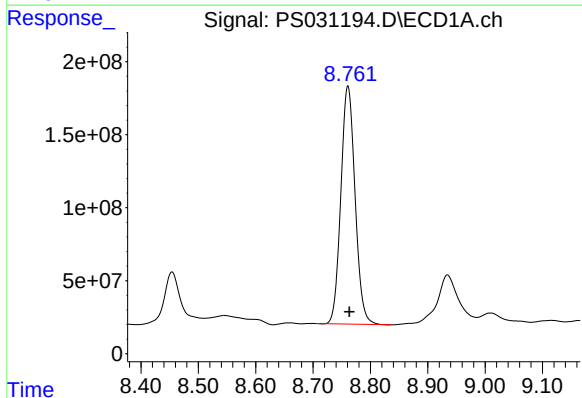
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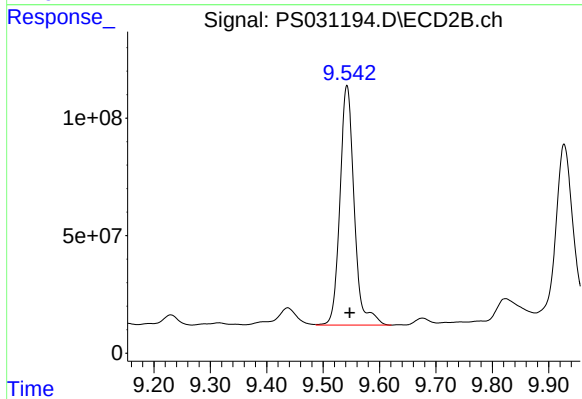
#9 2,4-D

R.T.: 9.019 min
Delta R.T.: -0.005 min
Response: 259557069
Conc: 152.83 ng/ml



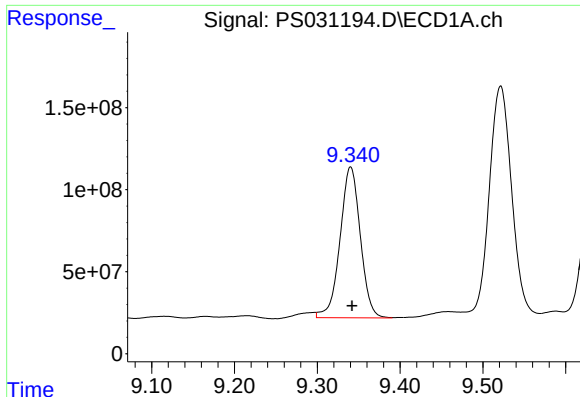
#10 Pentachlorophenol

R.T.: 8.761 min
Delta R.T.: -0.003 min
Response: 2800560458
Conc: 51.27 ng/ml



#10 Pentachlorophenol

R.T.: 9.542 min
Delta R.T.: -0.005 min
Response: 1793671126
Conc: 45.90 ng/ml



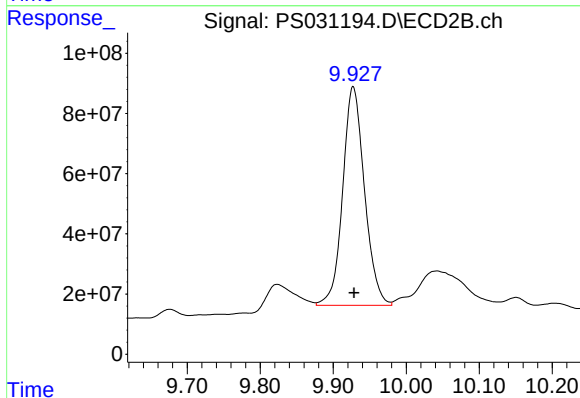
#11 2,4,5-TP (SILVEX)

R.T.: 9.340 min
Delta R.T.: -0.002 min
Response: 1567850404
Conc: 71.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSDRE

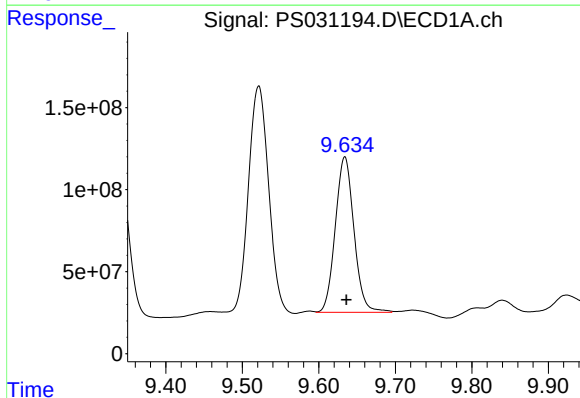
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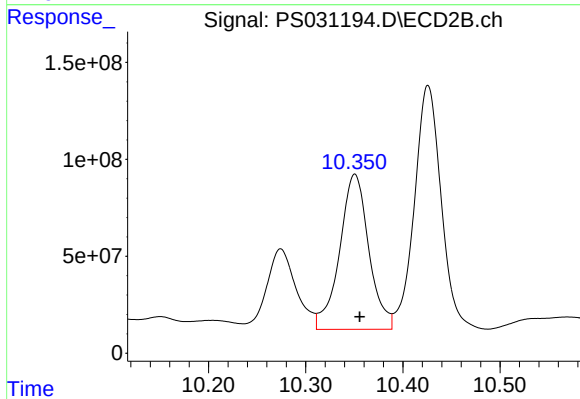
#11 2,4,5-TP (SILVEX)

R.T.: 9.927 min
Delta R.T.: -0.002 min
Response: 1507000848
Conc: 101.18 ng/ml m



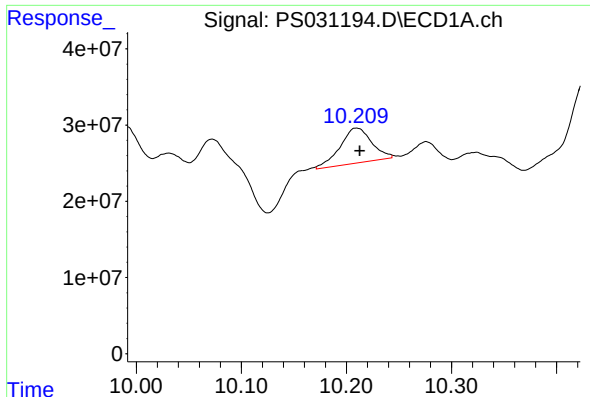
#12 2,4,5-T

R.T.: 9.634 min
Delta R.T.: -0.002 min
Response: 1603929264
Conc: 82.14 ng/ml m



#12 2,4,5-T

R.T.: 10.351 min
Delta R.T.: -0.005 min
Response: 1675822982
Conc: 117.85 ng/ml



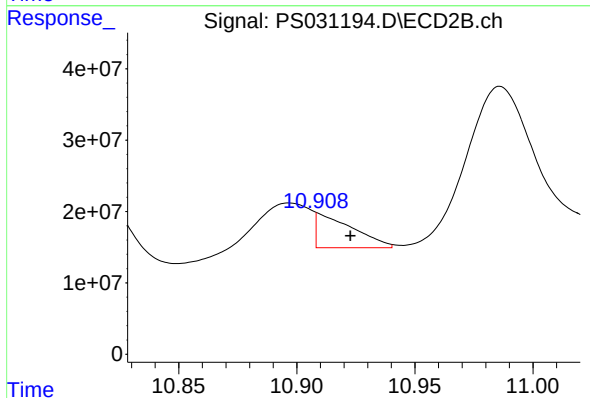
#13 2,4-DB

R.T.: 10.209 min
Delta R.T.: -0.003 min
Response: 96276475
Conc: 32.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSDRE

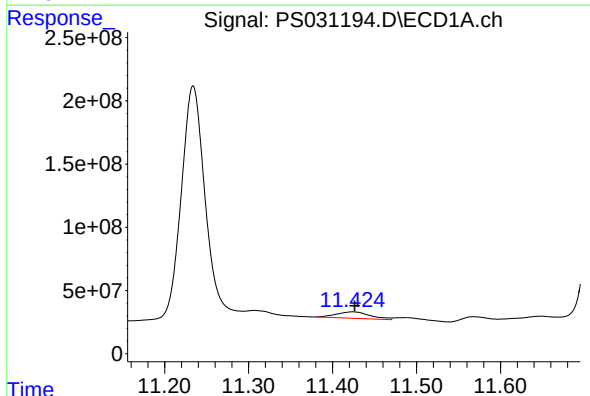
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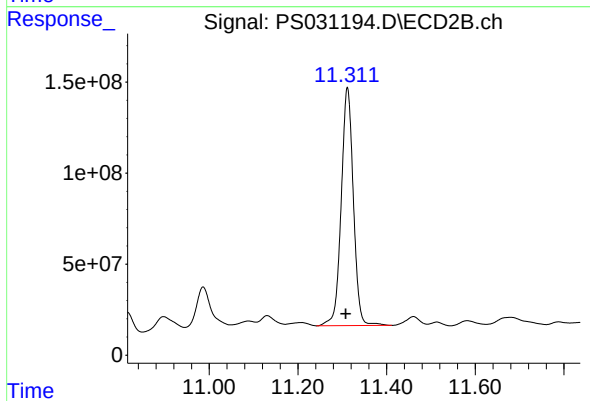
#13 2,4-DB

R.T.: 10.908 min
Delta R.T.: -0.015 min
Response: 51029411
Conc: 43.60 ng/ml m



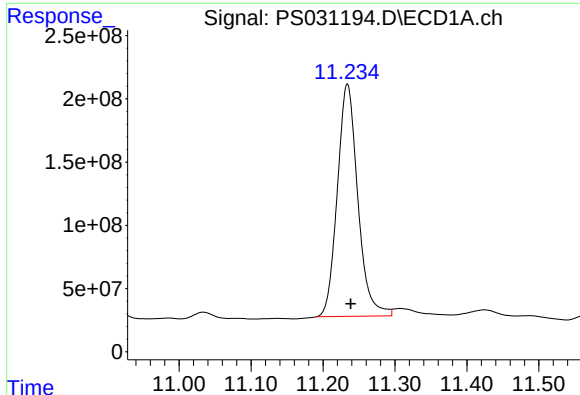
#14 DINOSEB

R.T.: 11.424 min
Delta R.T.: -0.002 min
Response: 142568977
Conc: 9.16 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.004 min
Response: 2489612023
Conc: 220.28 ng/ml



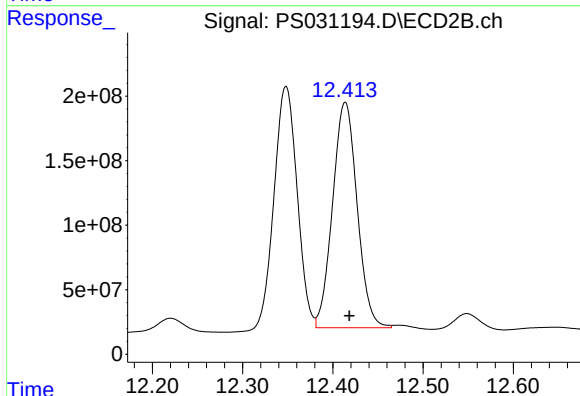
#15 Picloram

R.T.: 11.234 min
Delta R.T.: -0.005 min
Response: 3637264034
Conc: 181.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSDRE

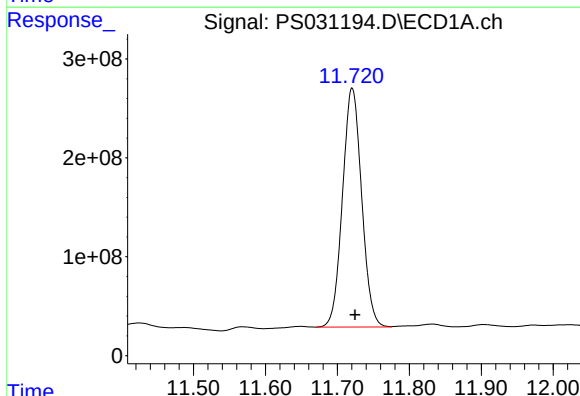
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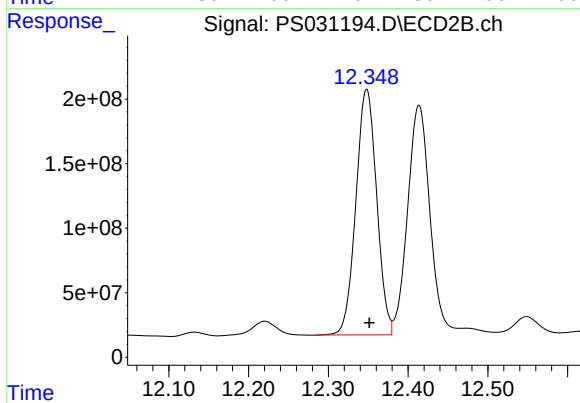
#15 Picloram

R.T.: 12.413 min
Delta R.T.: -0.005 min
Response: 3297508541
Conc: 132.46 ng/ml m



#16 DCPA

R.T.: 11.721 min
Delta R.T.: -0.004 min
Response: 4466864067
Conc: 155.68 ng/ml



#16 DCPA

R.T.: 12.348 min
Delta R.T.: -0.004 min
Response: 3451203634
Conc: 149.82 ng/ml m