

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 15:02
 Operator : AR\AJ
 Sample : Q2558-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 16:11:05 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	7.319	7.764	1207.9E6	326.1E6	277.792m	321.261
Target Compounds							
1) T	Dalapon	2.679	2.698	1383.2E6	1384.9E6	220.506m	488.204m#
2) T	3,5-DICHL...	6.483	6.711	1735.8E6	468.5E6	314.301	304.239
3) T	4-Nitroph...	7.119	7.298	435.6E6	441.4E6	264.196	243.949
5) T	DICAMBA	7.508	7.966	4757.3E6	1841.0E6	288.374	285.283
6) T	MCPD	7.688	8.063	251.9E6	48827341	25.165	23.499
7) T	MCPA	7.837	8.309	380.5E6	72566005	30.407	22.999
8) T	DICHLORPROP	8.219	8.685	1212.6E6	464.5E6	317.276	306.625
9) T	2,4-D	8.451	9.021	1432.2E6	574.3E6	383.453	338.158m
10) T	Pentachlo...	8.757	9.544	17111.1E6	10906.5E6	313.267	279.074
11) T	2,4,5-TP ...	9.336	9.926	7172.7E6	4573.3E6	326.721	307.056m
12) T	2,4,5-T	9.629	10.353	6631.9E6	4289.8E6	339.612	301.683
13) T	2,4-DB	10.206	10.921	729.6E6	331.5E6	244.023m	283.236
14) T	DINOSEB	11.419	11.304	613.8E6	428.3E6	39.422m	37.893m
15) T	Picloram	11.229	12.415	5524.8E6	5486.8E6	276.147	220.399
16) T	DCPA	11.714	12.348	6631.9E6	6722.5E6	231.128	291.824m#

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

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Acq On : 24 Jul 2025 15:02
Operator : AR\AJ
Sample : Q2558-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

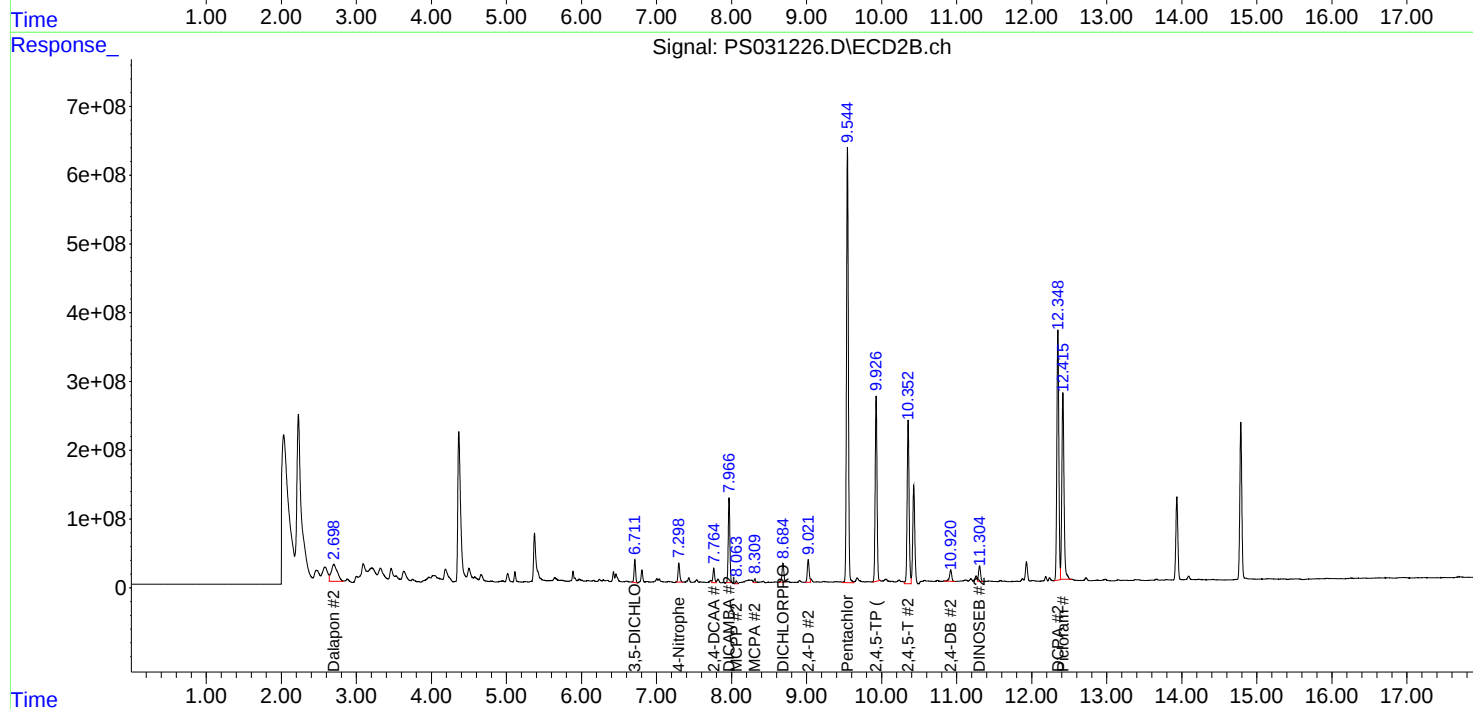
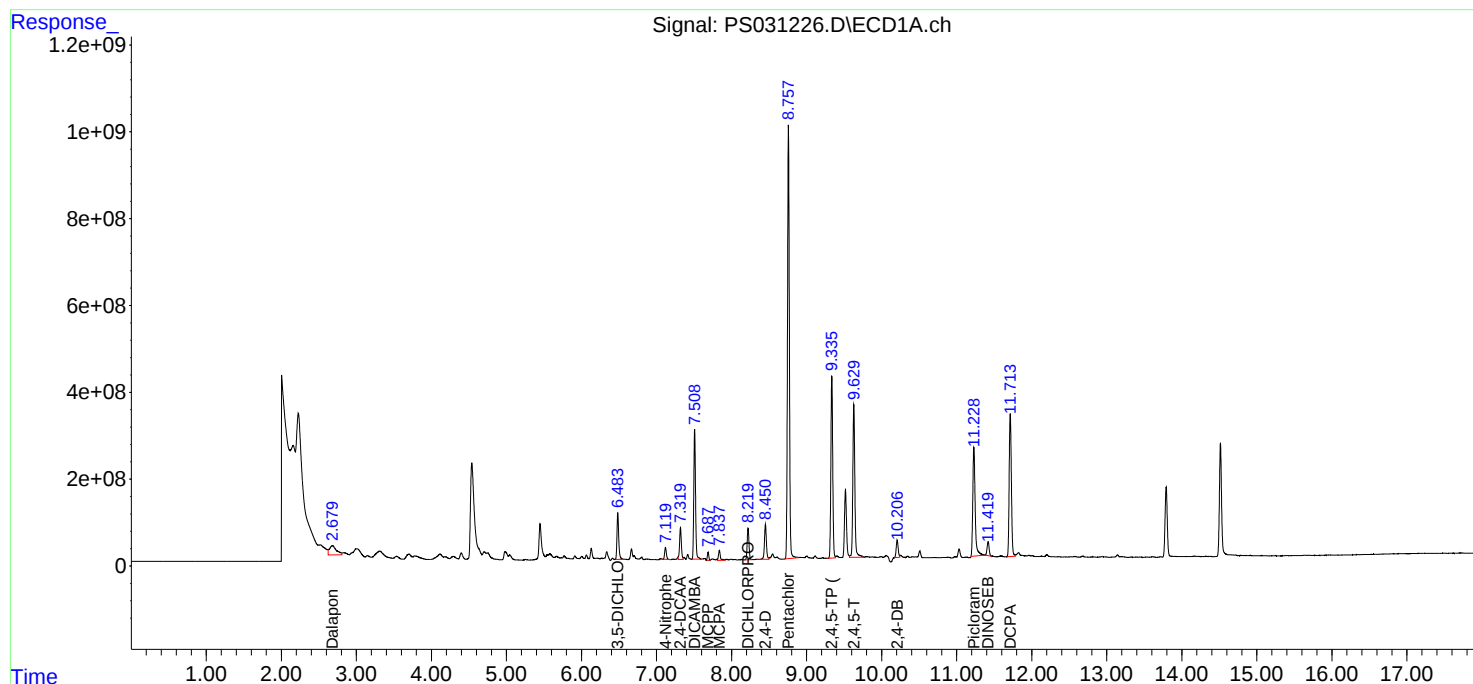
Instrument :
ECD_S
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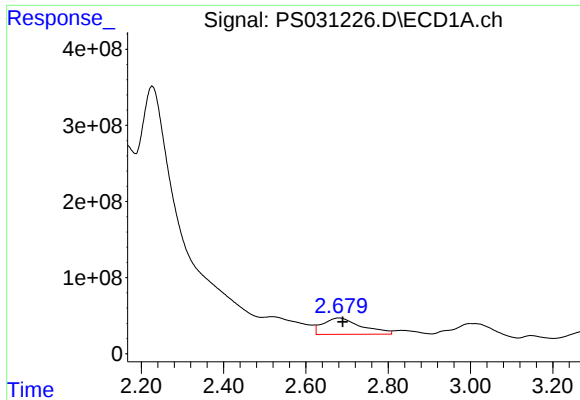
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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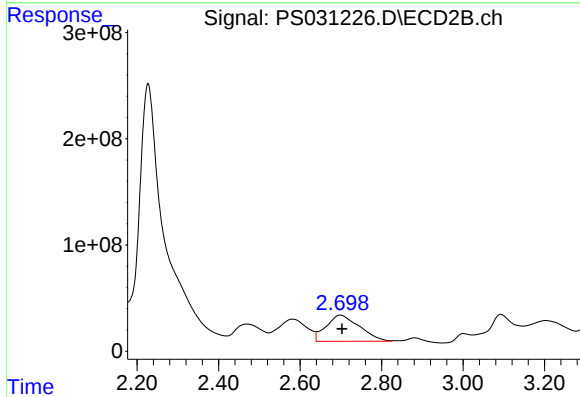
#1 Dalapon

R.T.: 2.679 min
Delta R.T.: -0.011 min
Response: 1383210455
Conc: 220.51 ng/ml

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

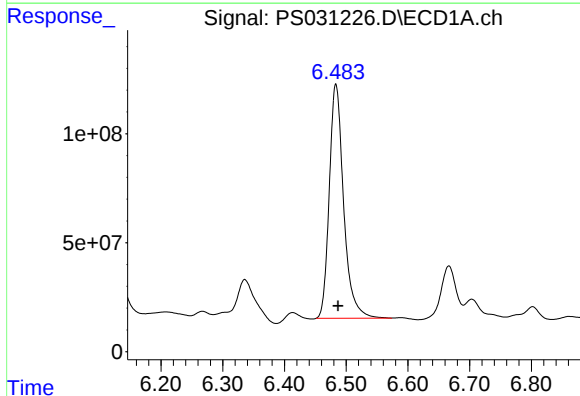
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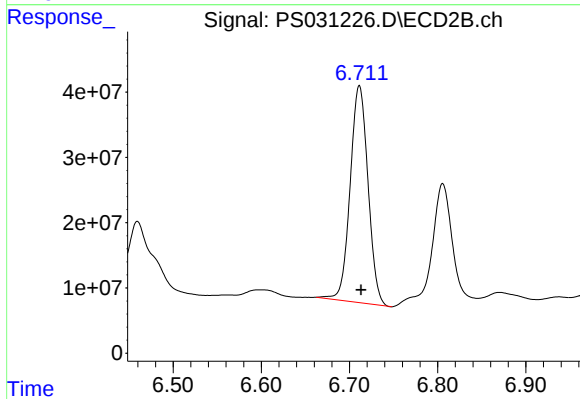
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.006 min
Response: 1384907903
Conc: 488.20 ng/ml m



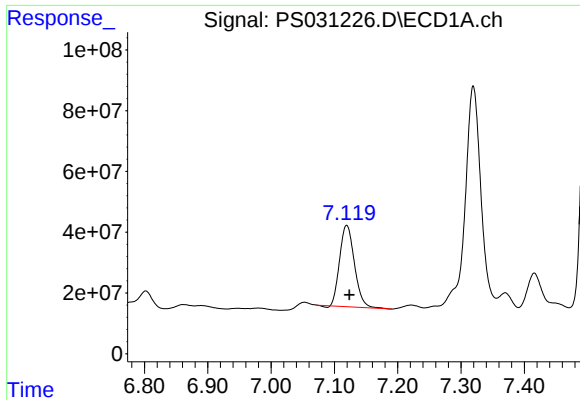
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 1735807006
Conc: 314.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 468495386
Conc: 304.24 ng/ml



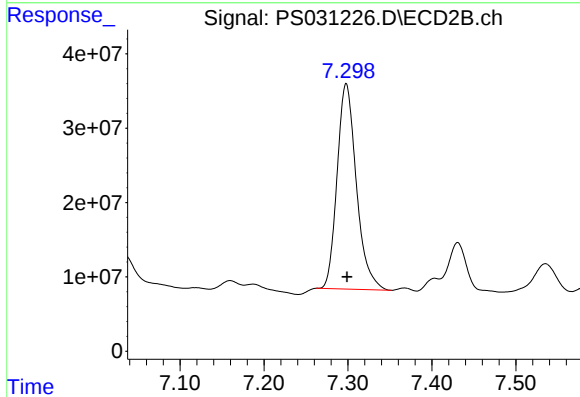
#3 4-Nitrophenol

R.T.: 7.119 min
Delta R.T.: -0.005 min
Response: 435601689
Conc: 264.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
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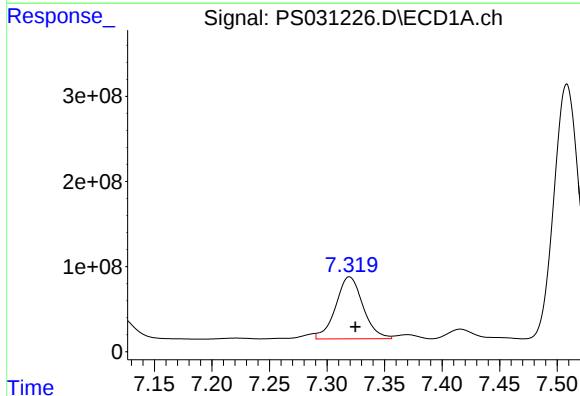
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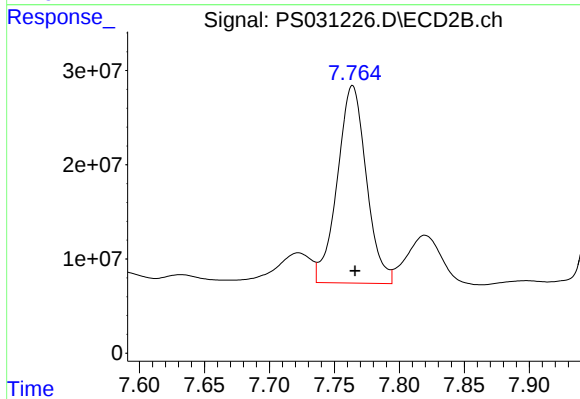
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 441381168
Conc: 243.95 ng/ml



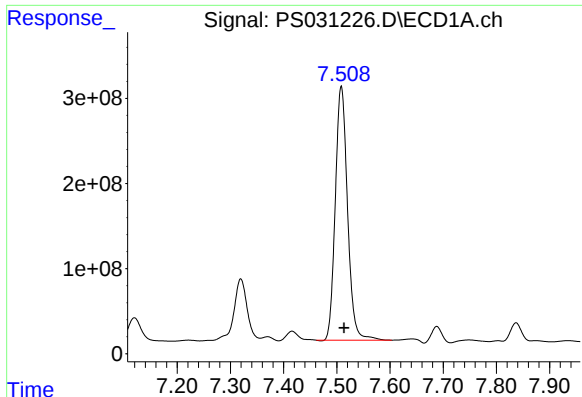
#4 2,4-DCAA

R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 1207909952
Conc: 277.79 ng/ml m



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 326069262
Conc: 321.26 ng/ml



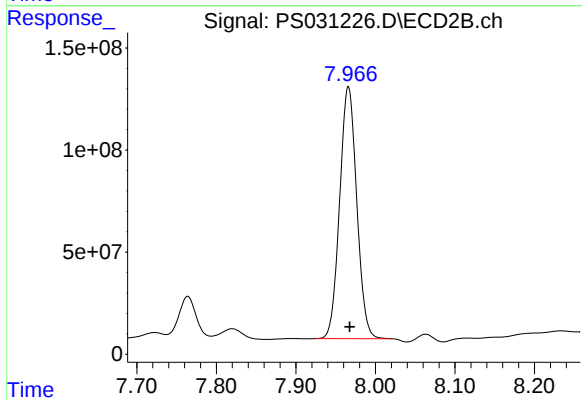
#5 DICAMBA

R.T.: 7.508 min
Delta R.T.: -0.005 min
Response: 4757290779
Conc: 288.37 ng/ml

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

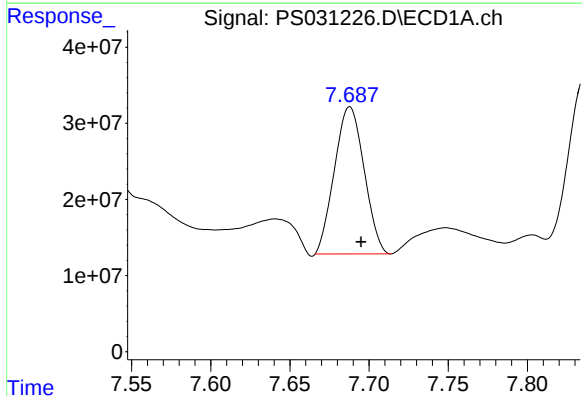
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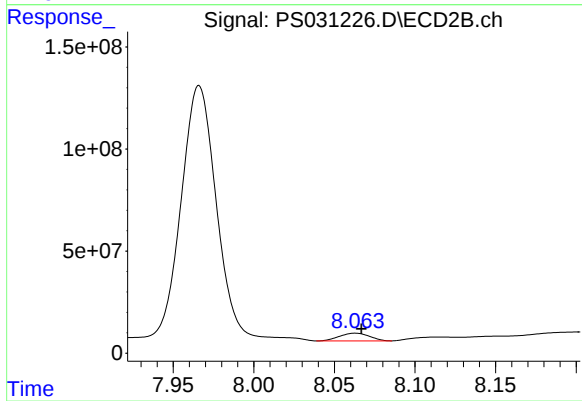
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 1841034966
Conc: 285.28 ng/ml



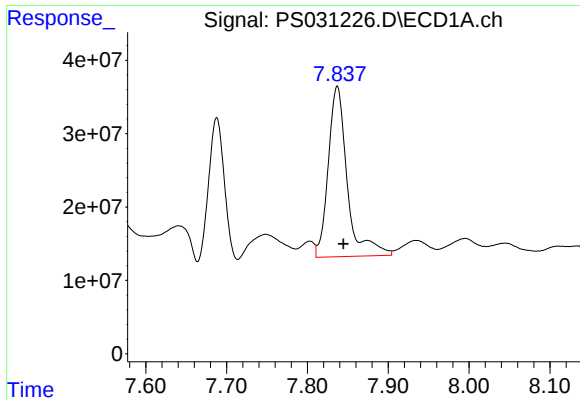
#6 MCPP

R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 251906412
Conc: 25.17 ug/ml



#6 MCPP

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 48827341
Conc: 23.50 ug/ml



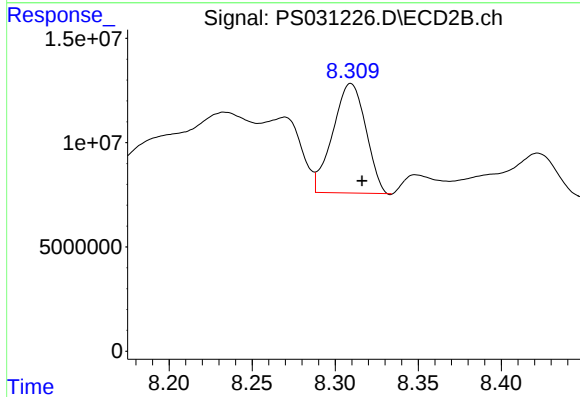
#7 MCPA

R.T.: 7.837 min
Delta R.T.: -0.008 min
Response: 380515067
Conc: 30.41 ug/ml

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

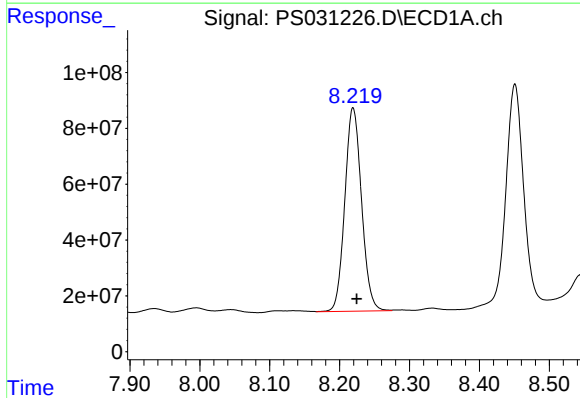
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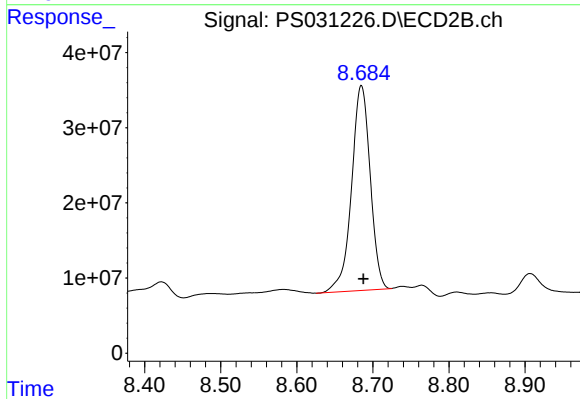
#7 MCPA

R.T.: 8.309 min
Delta R.T.: -0.007 min
Response: 72566005
Conc: 23.00 ug/ml



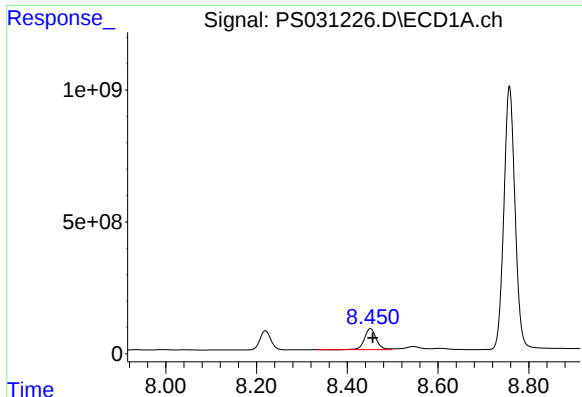
#8 DICHLORPROP

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 1212614966
Conc: 317.28 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.003 min
Response: 464494363
Conc: 306.63 ng/ml



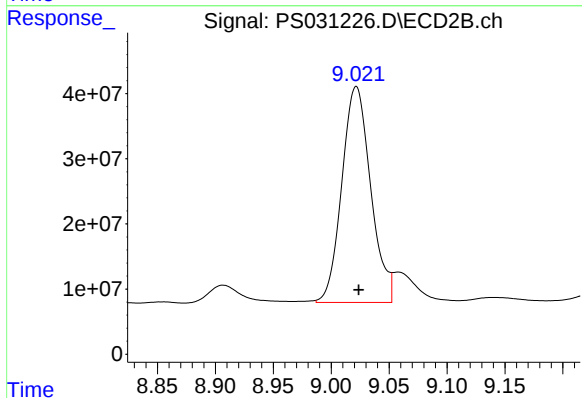
#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.006 min
Response: 1432163572
Conc: 383.45 ng/ml

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

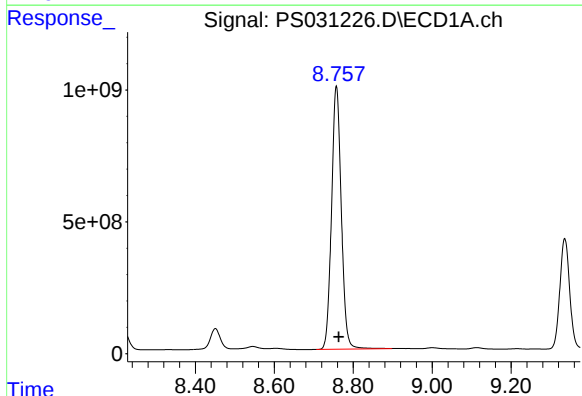
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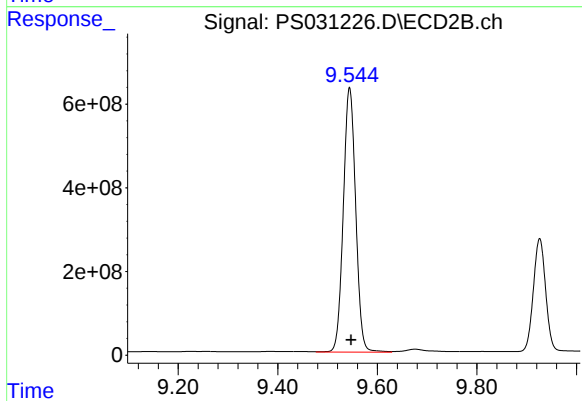
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 574300917
Conc: 338.16 ng/ml m



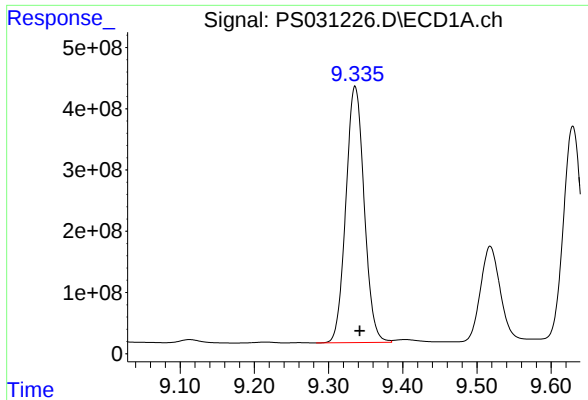
#10 Pentachlorophenol

R.T.: 8.757 min
Delta R.T.: -0.006 min
Response: 17111148420
Conc: 313.27 ng/ml



#10 Pentachlorophenol

R.T.: 9.544 min
Delta R.T.: -0.003 min
Response: 10906546910
Conc: 279.07 ng/ml



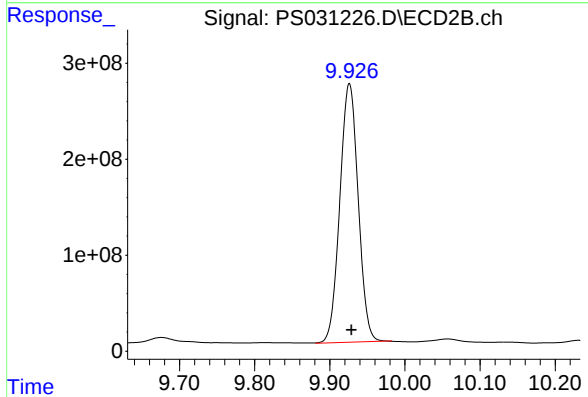
#11 2,4,5-TP (SILVEX)

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 7172700250
Conc: 326.72 ng/ml

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

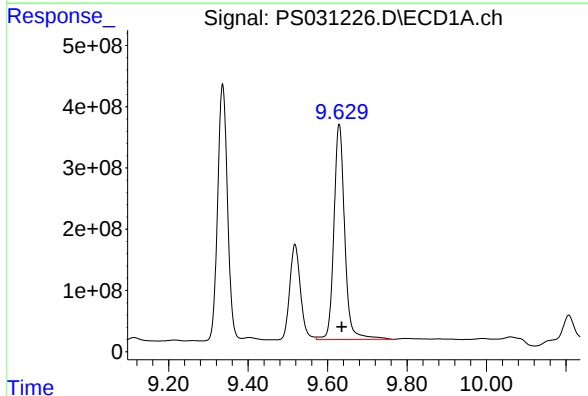
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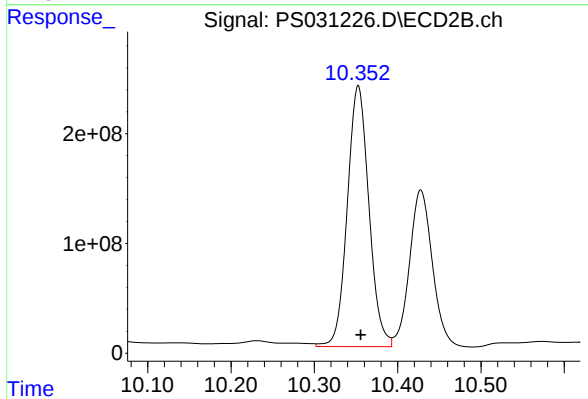
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 4573347344
Conc: 307.06 ng/ml m



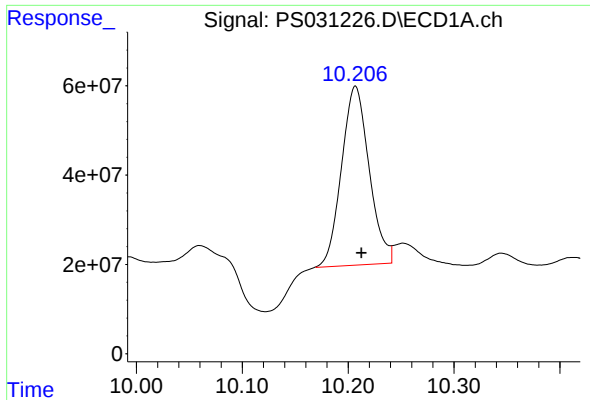
#12 2,4,5-T

R.T.: 9.629 min
Delta R.T.: -0.007 min
Response: 6631871184
Conc: 339.61 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 4289763984
Conc: 301.68 ng/ml



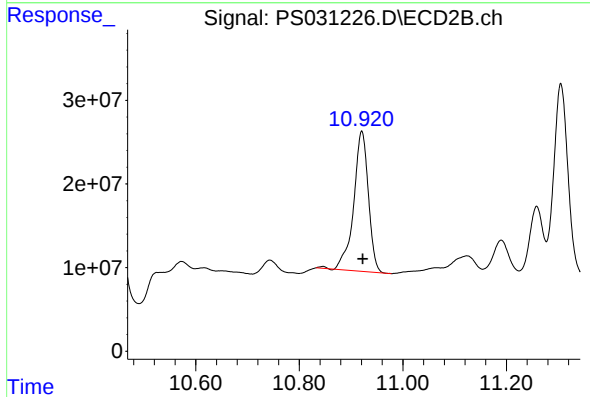
#13 2,4-DB

R.T.: 10.206 min
Delta R.T.: -0.006 min
Response: 729600533
Conc: 244.02 ng/ml

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

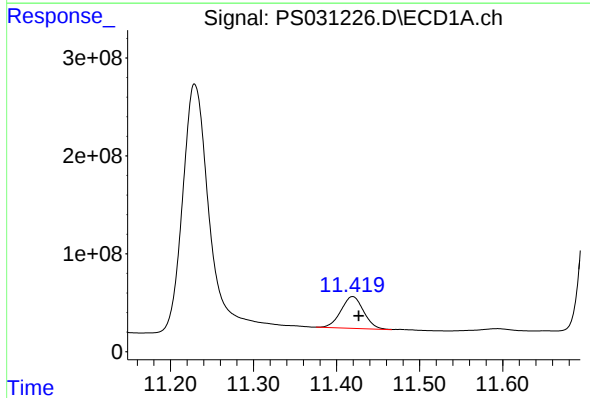
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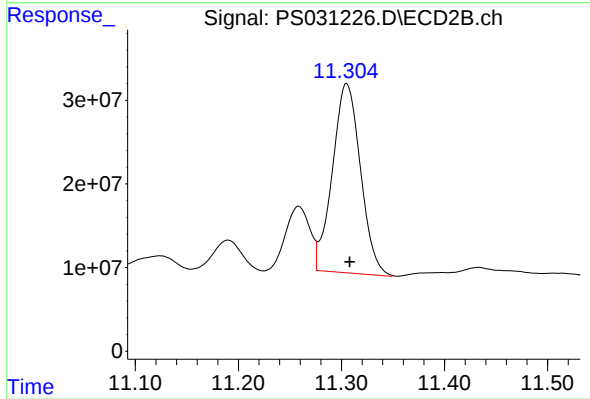
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.002 min
Response: 331530843
Conc: 283.24 ng/ml



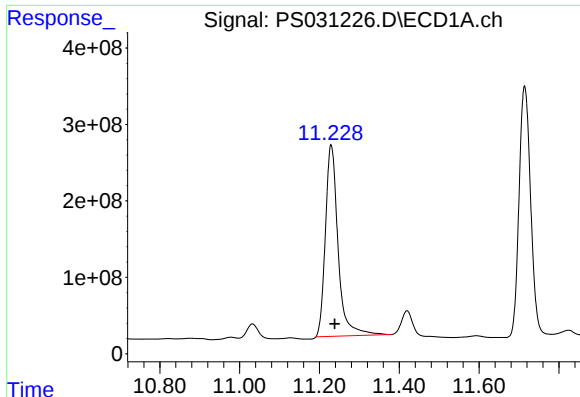
#14 DINOSEB

R.T.: 11.419 min
Delta R.T.: -0.007 min
Response: 613780544
Conc: 39.42 ng/ml m



#14 DINOSEB

R.T.: 11.304 min
Delta R.T.: -0.004 min
Response: 428272336
Conc: 37.89 ng/ml m



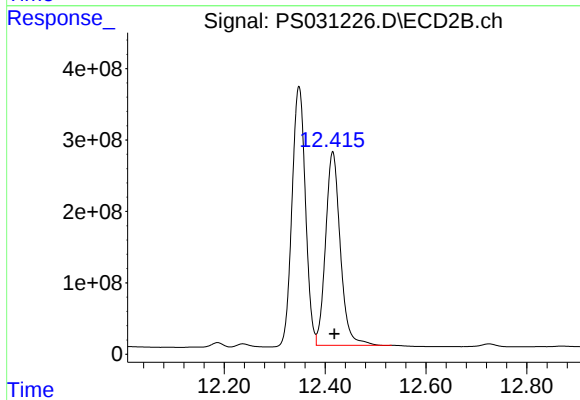
#15 Picloram

R.T.: 11.229 min
Delta R.T.: -0.009 min
Response: 5524754619
Conc: 276.15 ng/ml

Instrument :
ECD_S
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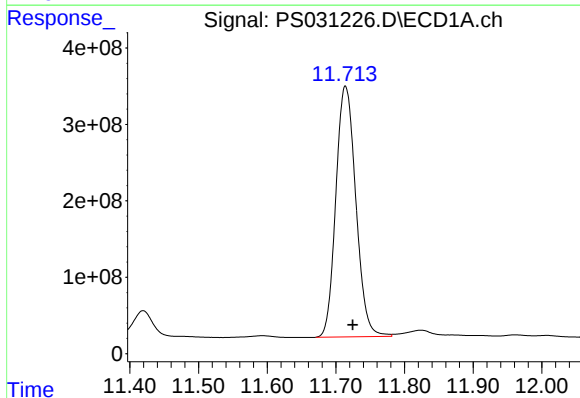
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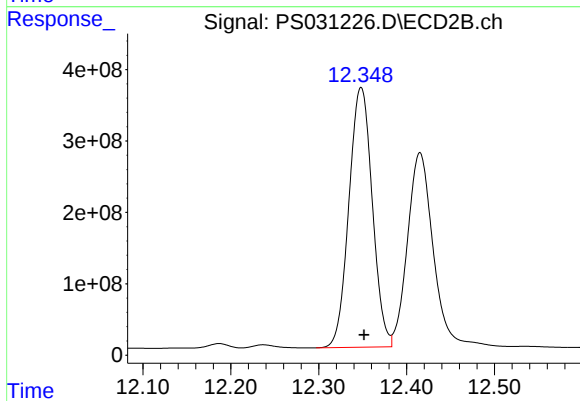
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.003 min
Response: 5486835427
Conc: 220.40 ng/ml



#16 DCPA

R.T.: 11.714 min
Delta R.T.: -0.010 min
Response: 6631872125
Conc: 231.13 ng/ml



#16 DCPA

R.T.: 12.348 min
Delta R.T.: -0.004 min
Response: 6722477442
Conc: 291.82 ng/ml m