

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031227.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 15:26
 Operator : AR\AJ
 Sample : Q2558-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

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 16:06:42 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	7.320	7.764	1204.0E6	321.0E6	276.898m	316.276
Target Compounds							
1) T	Dalapon	2.678	2.697	1193.7E6	1375.2E6	190.297m	484.784m#
2) T	3,5-DICHL...	6.483	6.712	1734.3E6	468.1E6	314.021	304.007
3) T	4-Nitroph...	7.120	7.298	438.7E6	440.2E6	266.088	243.303
5) T	DICAMBA	7.509	7.966	4733.6E6	1846.1E6	286.936	286.062
6) T	MCPD	7.688	8.063	252.1E6	48190642	25.182	23.193
7) T	MCPA	7.837	8.310	344.2E6	75089103	27.505	23.798
8) T	DICHLORPROP	8.219	8.685	1220.1E6	470.3E6	319.228	310.448
9) T	2,4-D	8.451	9.021	1390.8E6	552.3E6	372.390m	325.209m
10) T	Pentachlo...	8.758	9.545	17038.4E6	10819.0E6	311.936	276.834
11) T	2,4,5-TP ...	9.336	9.926	7160.5E6	4794.8E6	326.164	321.924
12) T	2,4,5-T	9.630	10.353	6590.2E6	4284.3E6	337.478	301.299
13) T	2,4-DB	10.208	10.921	719.4E6	329.3E6	240.611m	281.292
14) T	DINOSEB	11.419	11.306	599.4E6	388.1E6	38.500m	34.337
15) T	Picloram	11.231	12.416	5532.2E6	5569.6E6	276.517	223.723
16) T	DCPA	11.713	12.349	6680.3E6	6751.4E6	232.815	293.081 #

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

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Acq On : 24 Jul 2025 15:26
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Misc :
ALS Vial : 8 Sample Multiplier: 1

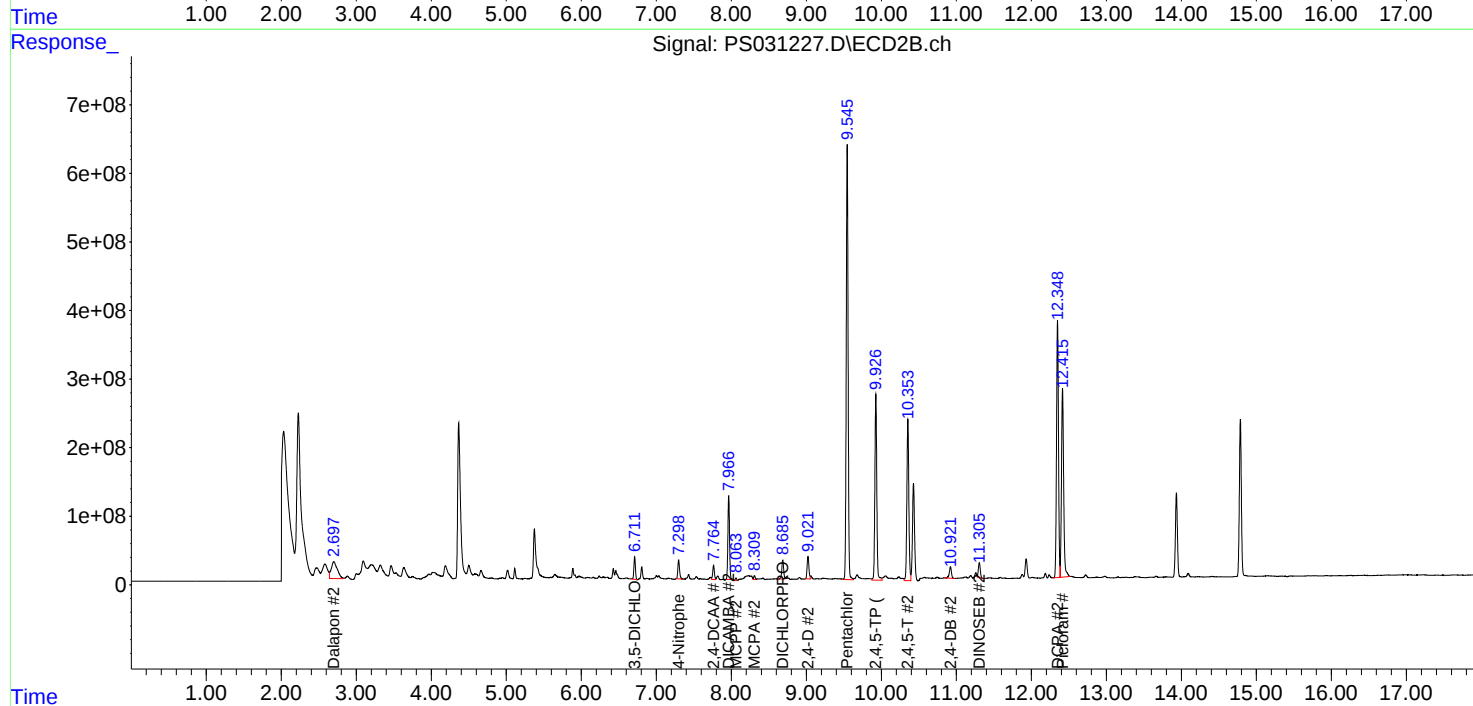
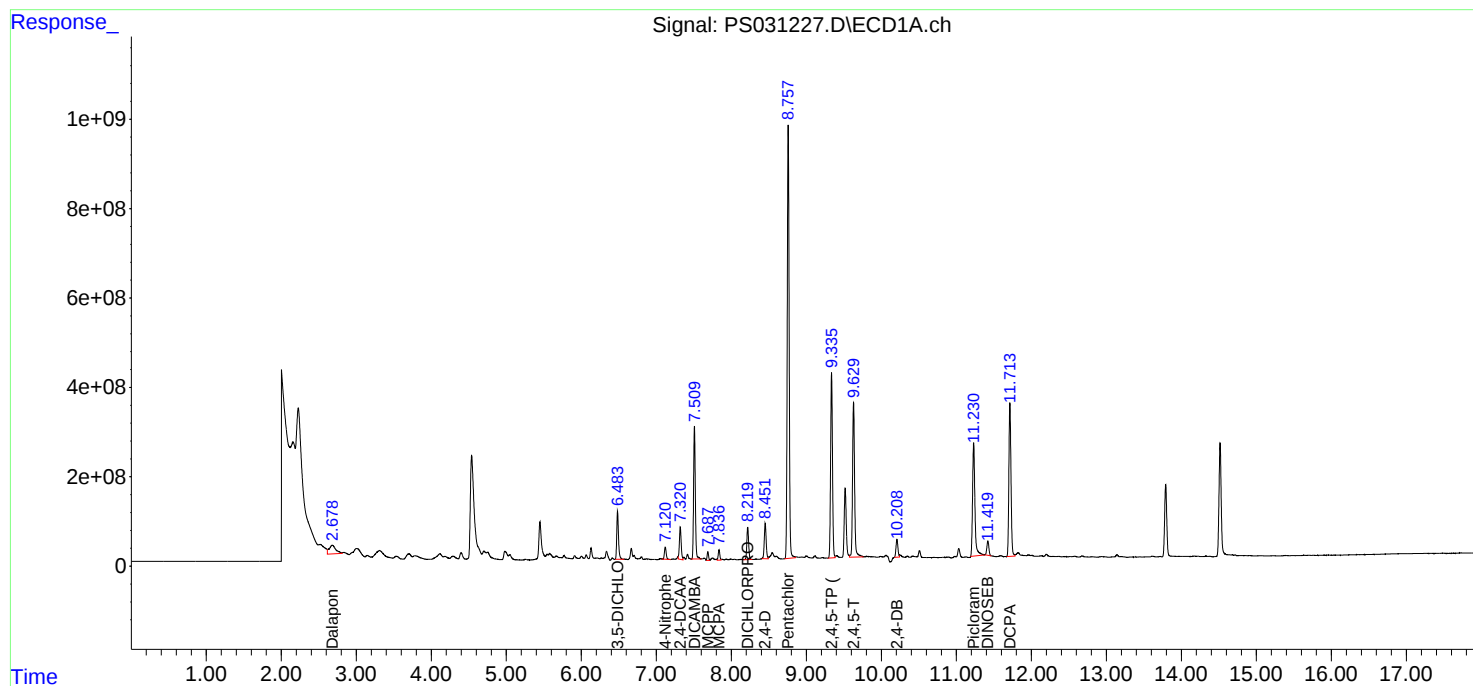
Instrument :
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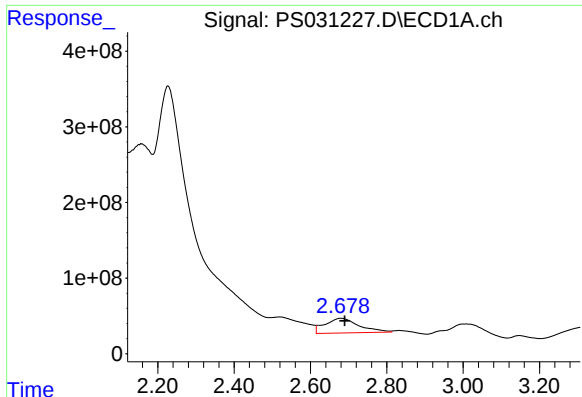
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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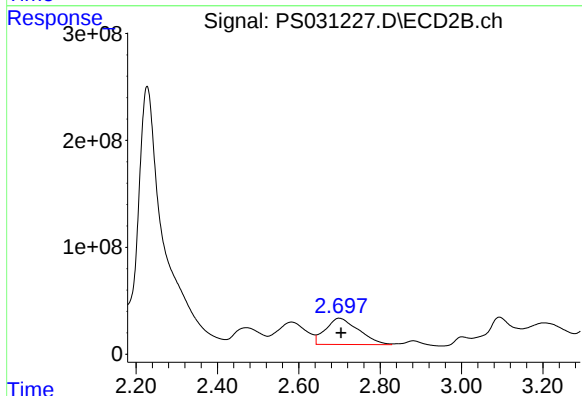
#1 Dalapon

R.T.: 2.678 min
Delta R.T.: -0.012 min
Response: 1193714520
Conc: 190.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
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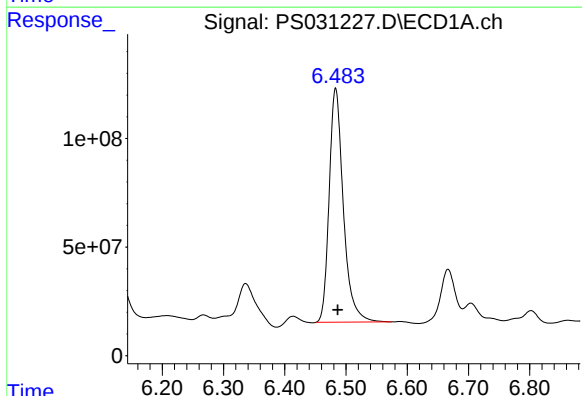
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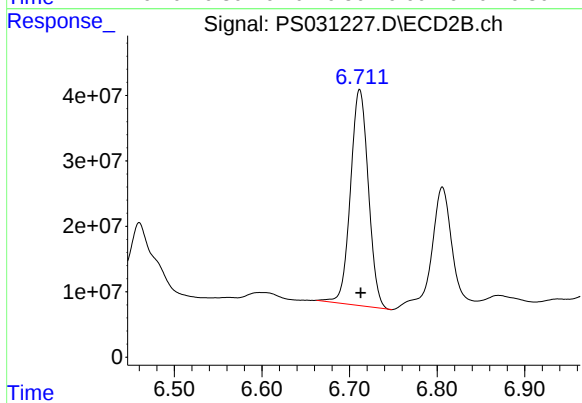
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.006 min
Response: 1375204696
Conc: 484.78 ng/ml m



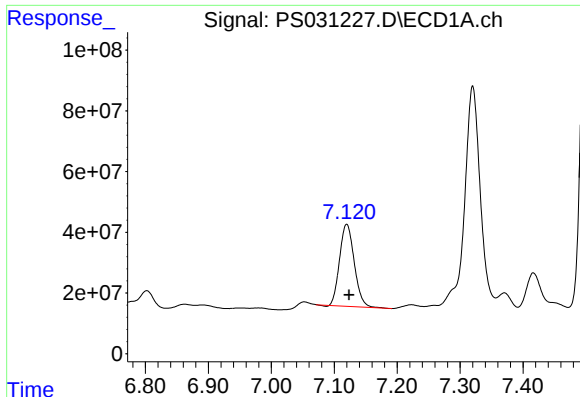
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 1734258064
Conc: 314.02 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 468137953
Conc: 304.01 ng/ml



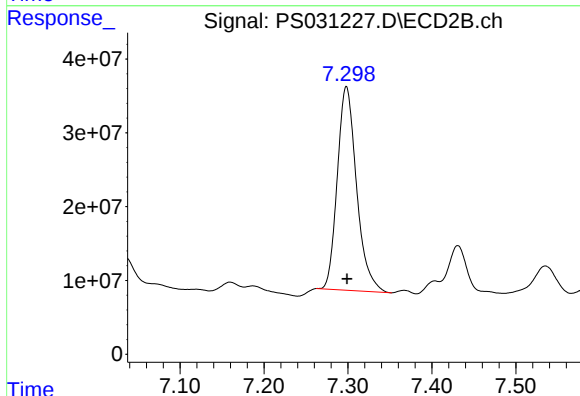
#3 4-Nitrophenol

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 438722538
Conc: 266.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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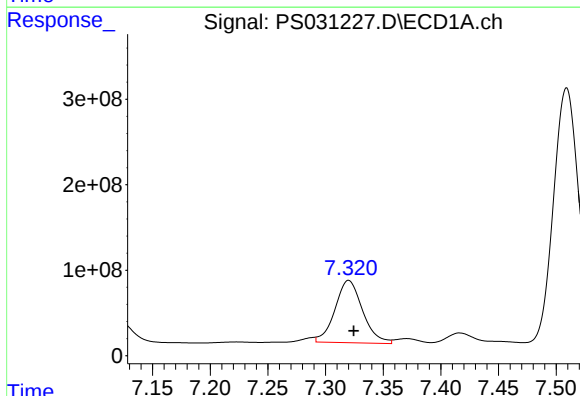
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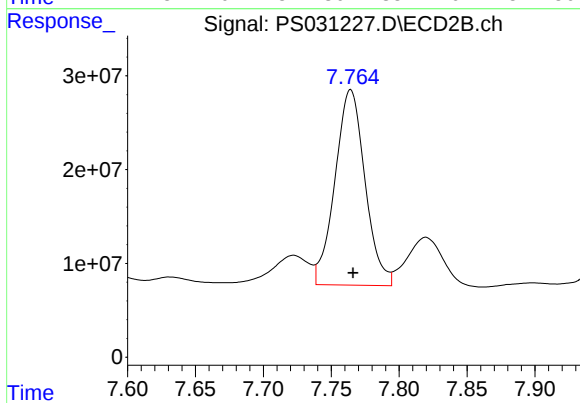
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 440212444
Conc: 243.30 ng/ml



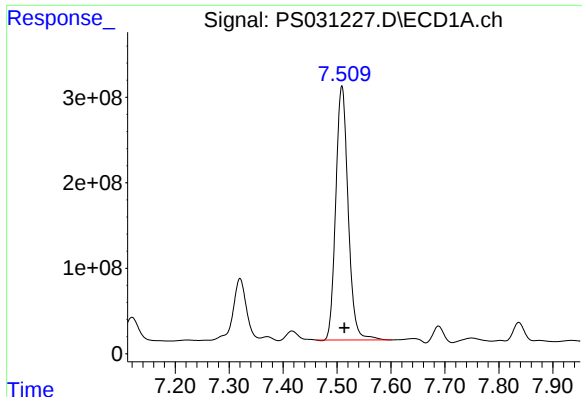
#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1204021273
Conc: 276.90 ng/ml m



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 321010493
Conc: 316.28 ng/ml



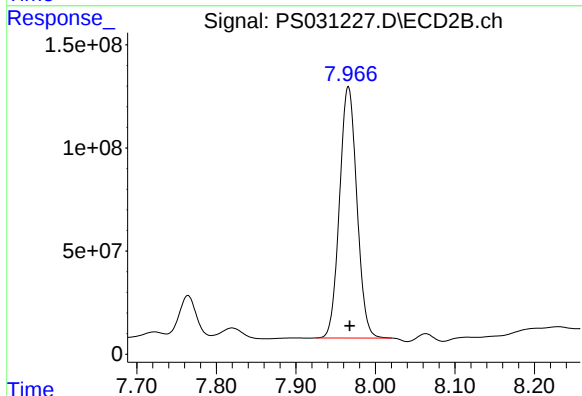
#5 DICAMBA

R.T.: 7.509 min
Delta R.T.: -0.005 min
Response: 4733568685
Conc: 286.94 ng/ml

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

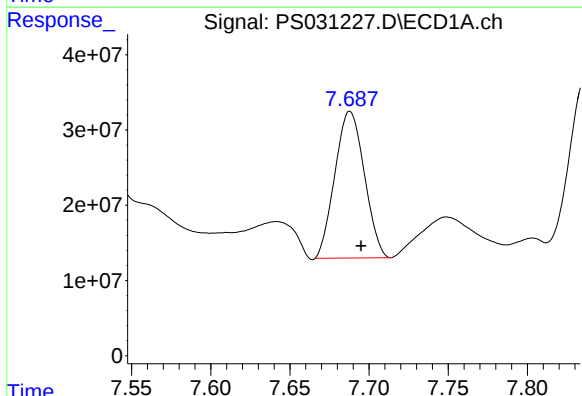
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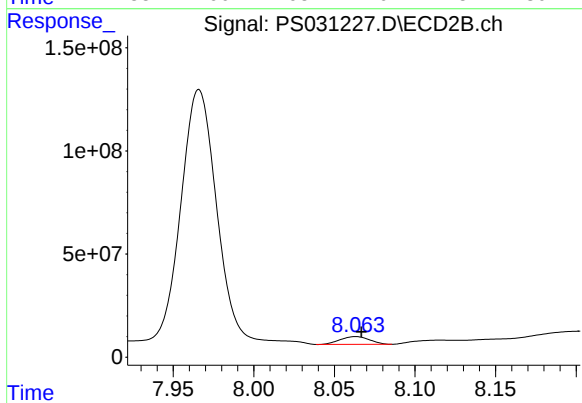
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 1846063980
Conc: 286.06 ng/ml



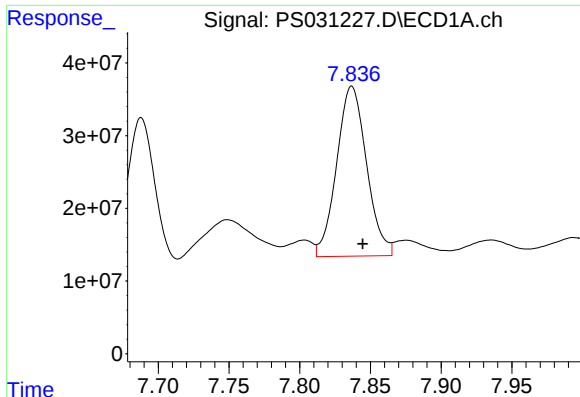
#6 MCPP

R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 252073621
Conc: 25.18 ug/ml



#6 MCPP

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 48190642
Conc: 23.19 ug/ml



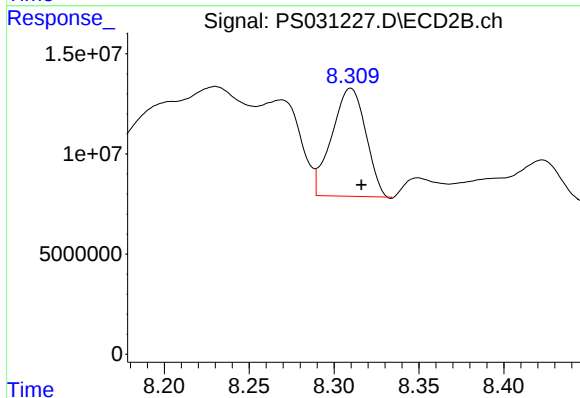
#7 MCPA

R.T.: 7.837 min
Delta R.T.: -0.008 min
Response: 344201461
Conc: 27.50 ug/ml

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

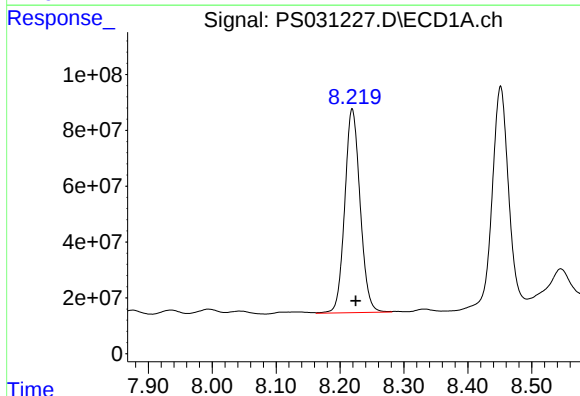
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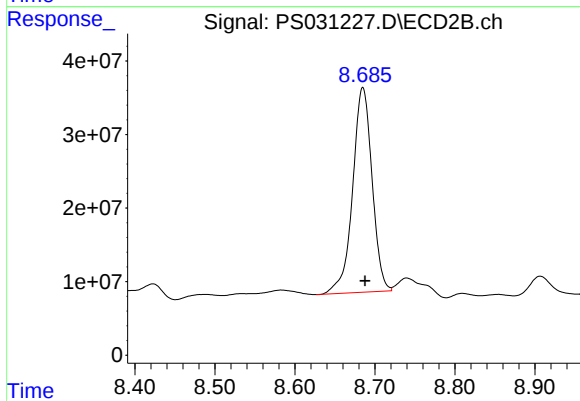
#7 MCPA

R.T.: 8.310 min
Delta R.T.: -0.007 min
Response: 75089103
Conc: 23.80 ug/ml



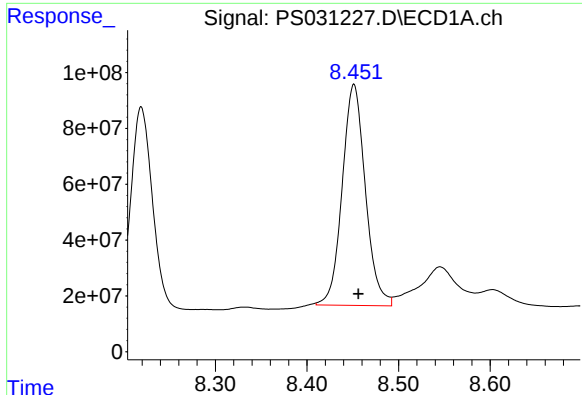
#8 DICHLORPROP

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 1220076896
Conc: 319.23 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.003 min
Response: 470285138
Conc: 310.45 ng/ml



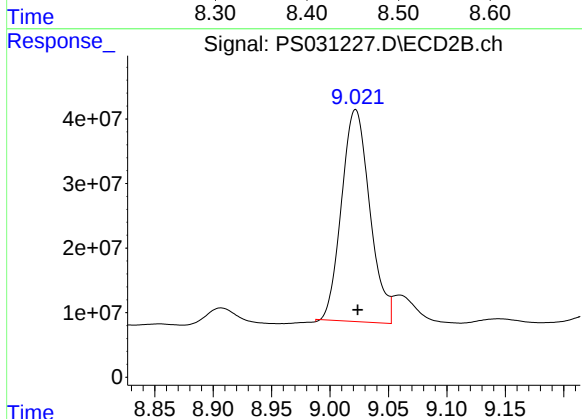
#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 1390846464
Conc: 372.39 ng/ml

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

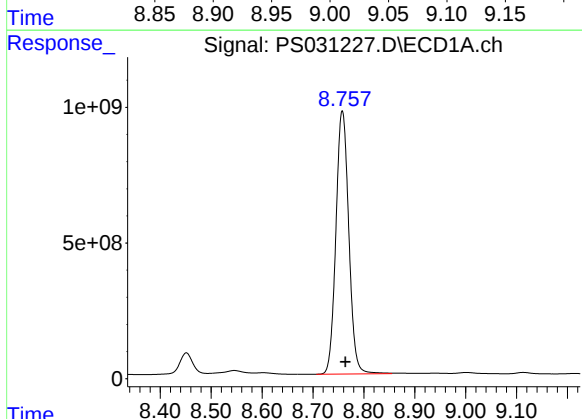
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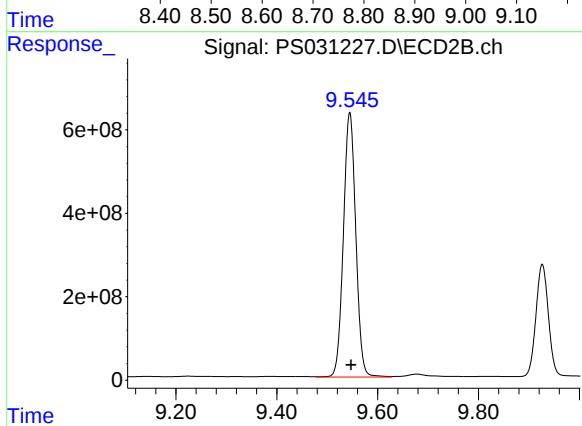
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 552308493
Conc: 325.21 ng/ml m



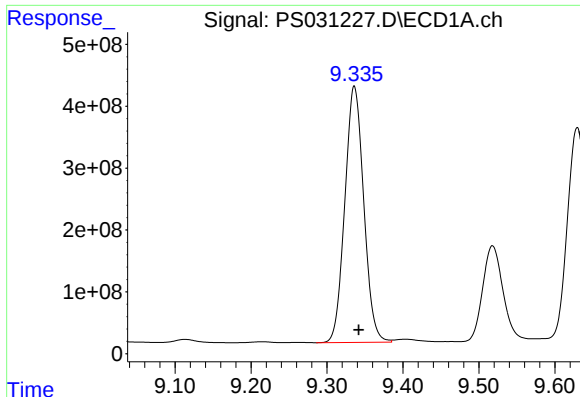
#10 Pentachlorophenol

R.T.: 8.758 min
Delta R.T.: -0.006 min
Response: 17038436484
Conc: 311.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 10818998656
Conc: 276.83 ng/ml



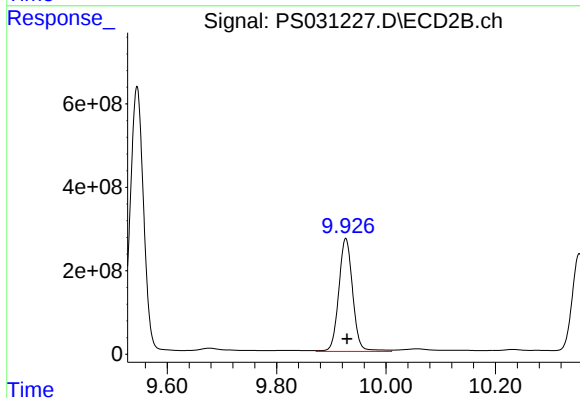
#11 2,4,5-TP (SILVEX)

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 7160458375
Conc: 326.16 ng/ml

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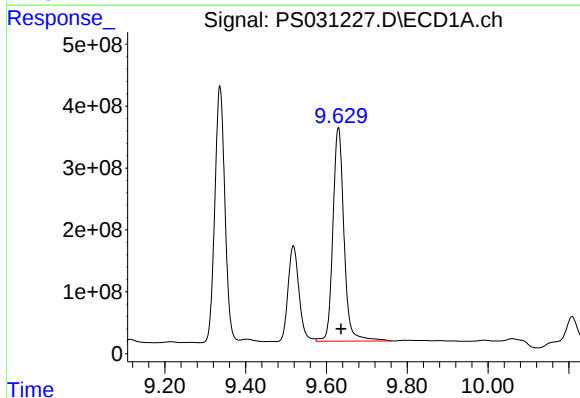
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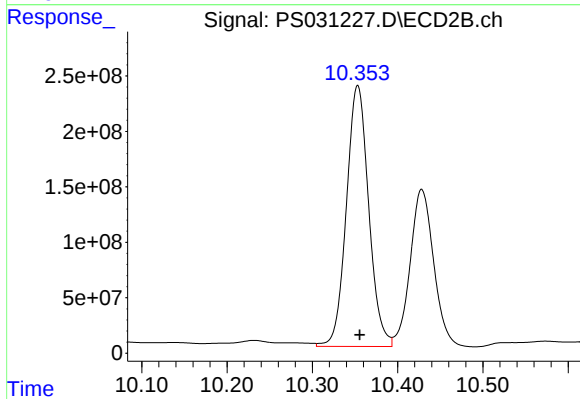
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 4794798349
Conc: 321.92 ng/ml



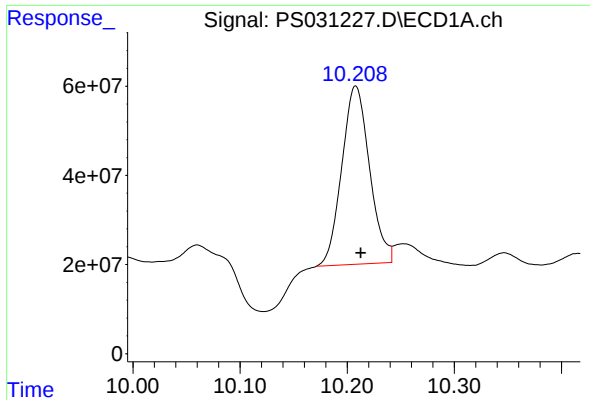
#12 2,4,5-T

R.T.: 9.630 min
Delta R.T.: -0.006 min
Response: 6590195754
Conc: 337.48 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.002 min
Response: 4284304182
Conc: 301.30 ng/ml



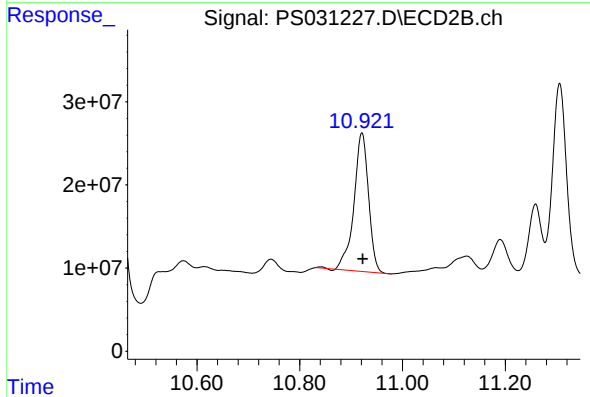
#13 2,4-DB

R.T.: 10.208 min
Delta R.T.: -0.005 min
Response: 719399647
Conc: 240.61 ng/ml

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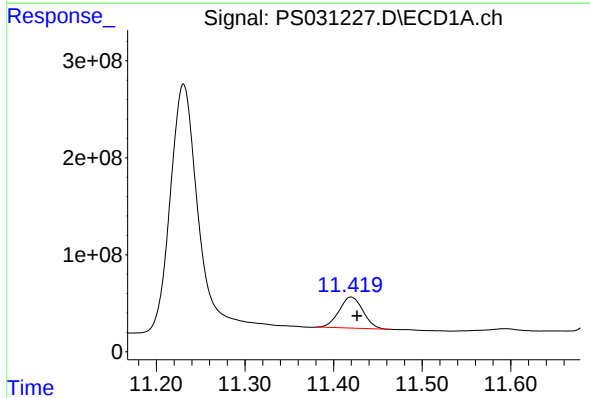
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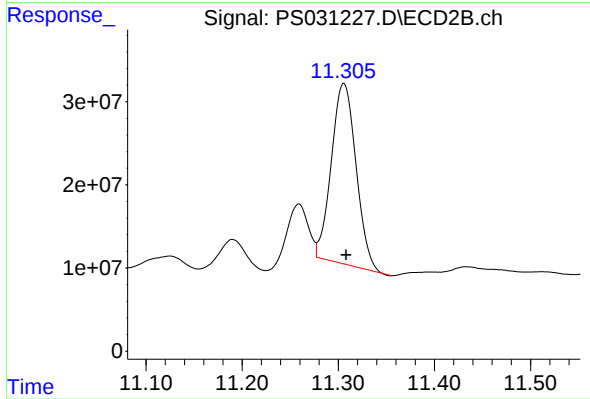
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.002 min
Response: 329254841
Conc: 281.29 ng/ml



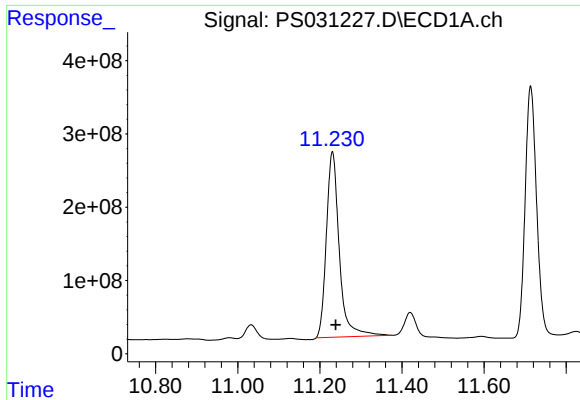
#14 DINOSEB

R.T.: 11.419 min
Delta R.T.: -0.007 min
Response: 599428675
Conc: 38.50 ng/ml m



#14 DINOSEB

R.T.: 11.306 min
Delta R.T.: -0.002 min
Response: 388079725
Conc: 34.34 ng/ml



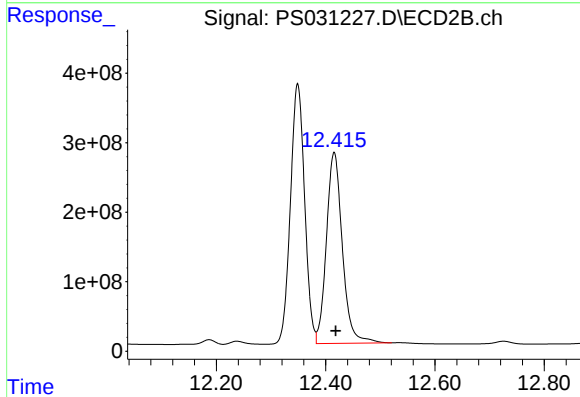
#15 Picloram

R.T.: 11.231 min
Delta R.T.: -0.008 min
Response: 5532160551
Conc: 276.52 ng/ml

Instrument :
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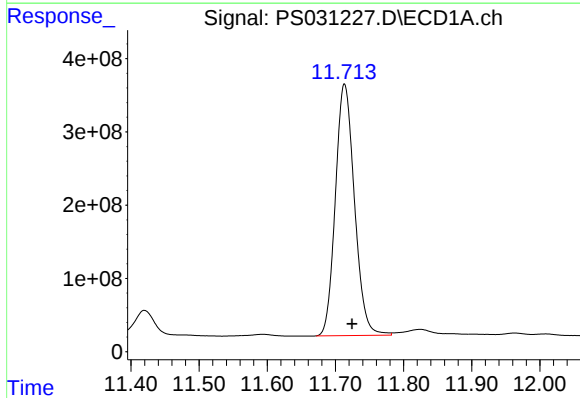
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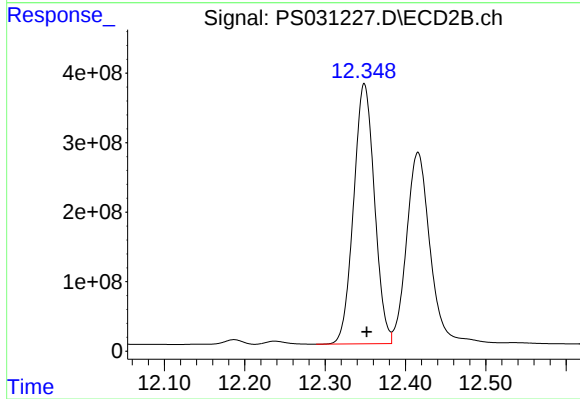
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 5569601861
Conc: 223.72 ng/ml



#16 DCPA

R.T.: 11.713 min
Delta R.T.: -0.011 min
Response: 6680276658
Conc: 232.82 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 6751428091
Conc: 293.08 ng/ml