

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 19:28
 Operator : AR\AJ
 Sample : Q2641-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 P001-CONCRETE001-01MSD

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 25 03:43:50 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	1819.5E6	469.6E6	418.436	462.681
Target Compounds							
1) T	Dalapon	2.688	2.703	1265.5E6	1324.3E6	201.746m	466.832m#
2) T	3,5-DICHL...	6.483	6.711	3576.2E6	1020.1E6	647.538	662.430
3) T	4-Nitroph...	7.119	7.297	1123.9E6	1117.7E6	681.649	617.766
5) T	DICAMBA	7.509	7.966	11042.2E6	4495.5E6	669.344	696.610
6) T	MCP	7.689	8.065	477.0E6	93967699	47.651	45.224
7) T	MCPA	7.839	8.302	734.1E6	811.0E6	58.658	257.034m#
8) T	DICHLORPROP	8.219	8.685	2527.0E6	976.3E6	661.169	644.472
9) T	2,4-D	8.451	9.022	2847.7E6	1374.5E6	762.450	809.339
10) T	Pentachlo...	8.760	9.545	41978.8E6	28362.4E6	768.538	725.729
11) T	2,4,5-TP ...	9.336	9.926	16205.4E6	10825.5E6	738.168	726.825m
12) T	2,4,5-T	9.630	10.353	14305.5E6	10120.0E6	732.573	711.704
13) T	2,4-DB	10.206	10.919	2275.5E6	1219.8E6	761.081	1042.144m#
14) T	DINOSEB	11.419	11.305	10036.8E6	6882.5E6	644.648m	608.956
15) T	Picloram	11.229	12.414	16773.8E6	18153.3E6	838.413m	729.193
16) T	DCPA	11.714	12.349	16732.4E6	16985.3E6	583.144	737.337m#

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

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Acq On : 24 Jul 2025 19:28
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

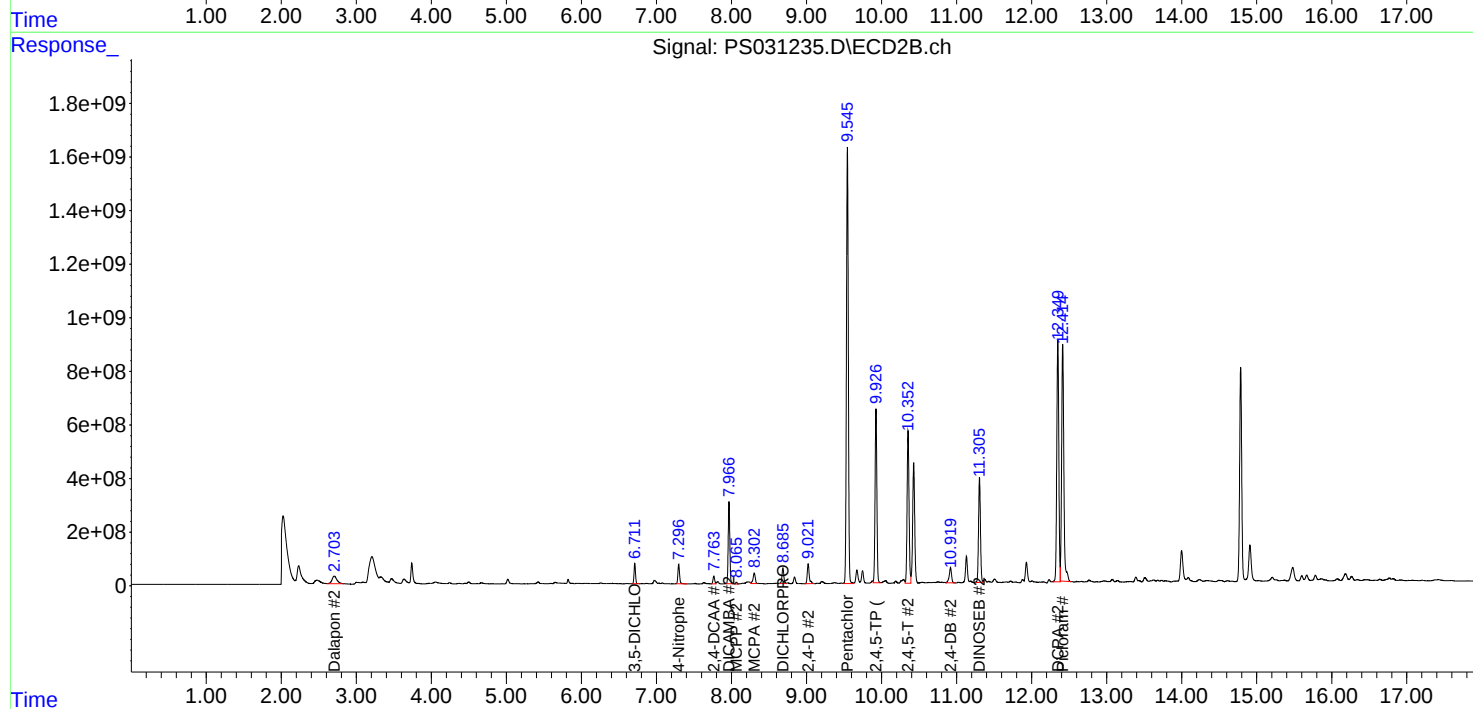
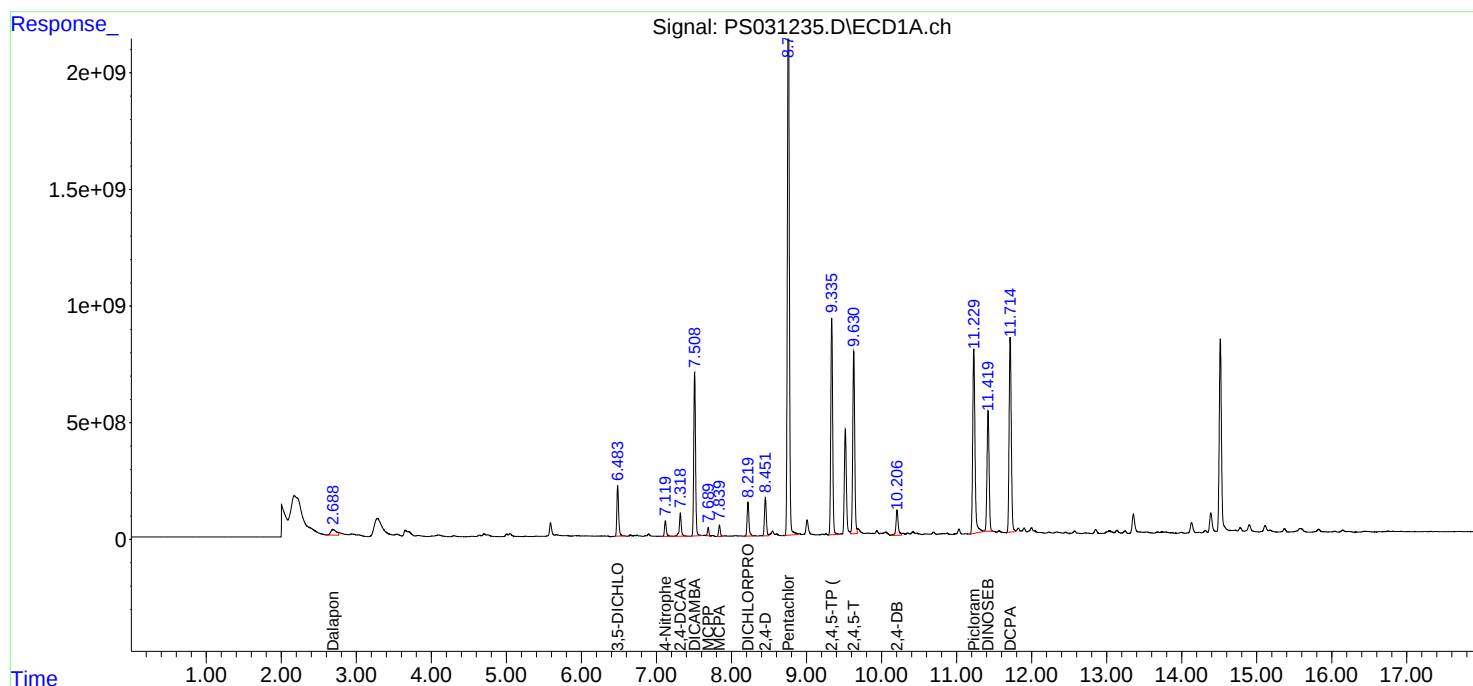
Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

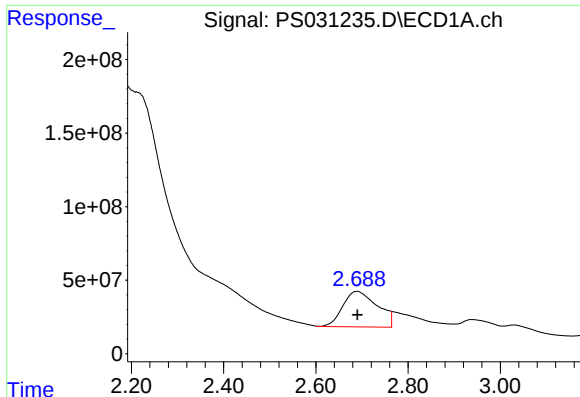
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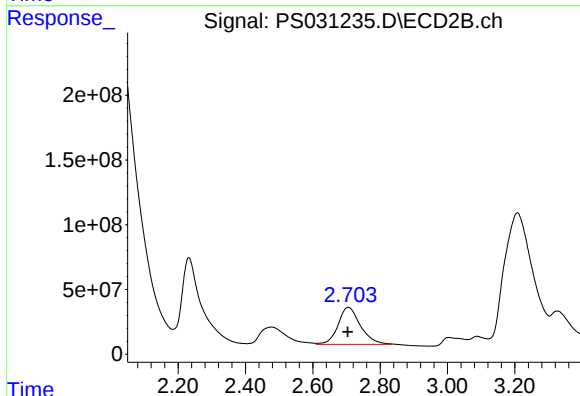
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 1265530648
Conc: 201.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

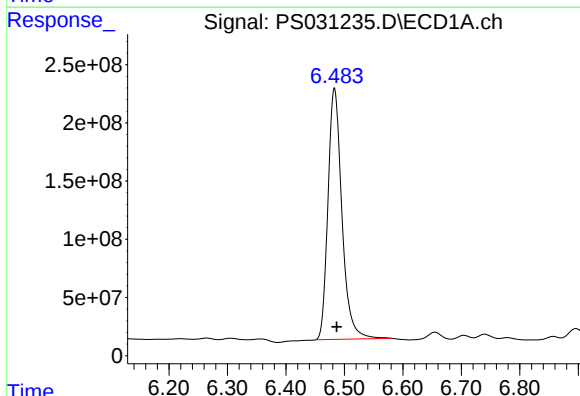
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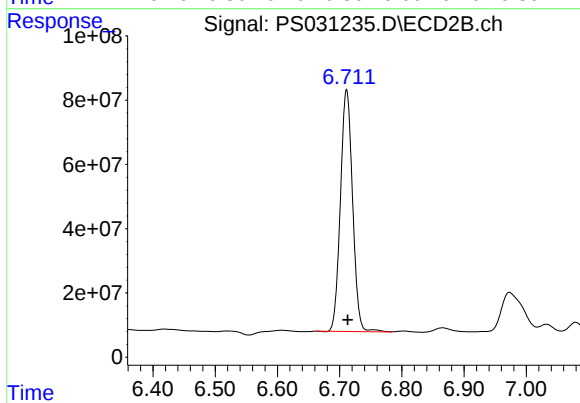
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1324281413
Conc: 466.83 ng/ml m



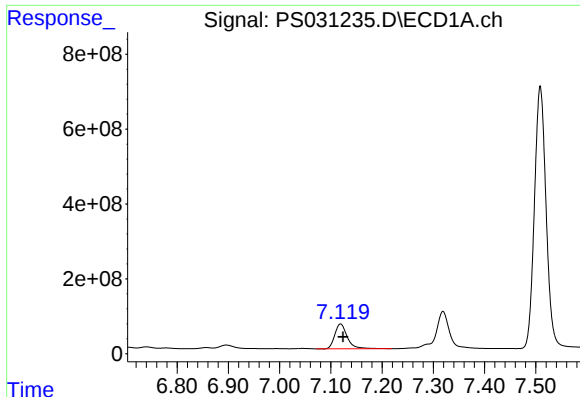
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 3576192430
Conc: 647.54 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 1020072771
Conc: 662.43 ng/ml



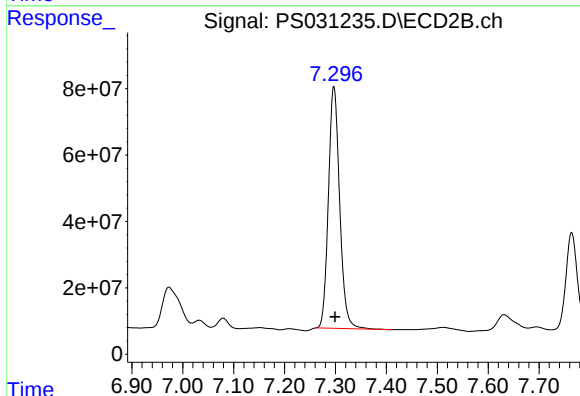
#3 4-Nitrophenol

R.T.: 7.119 min
Delta R.T.: -0.005 min
Response: 1123892523
Conc: 681.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

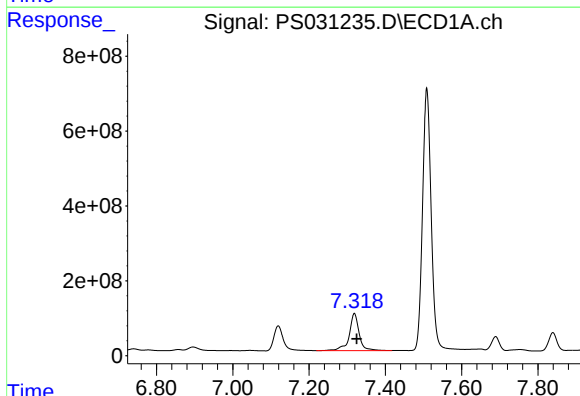
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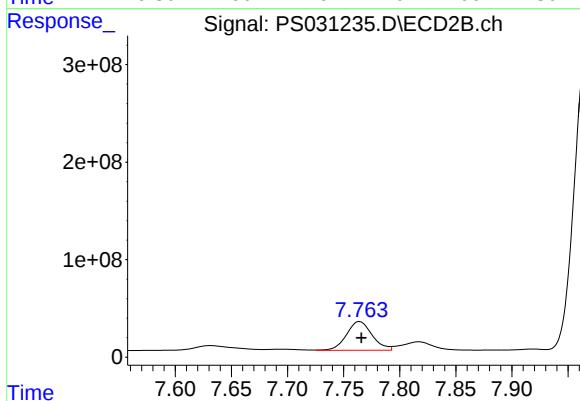
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 1117734117
Conc: 617.77 ng/ml



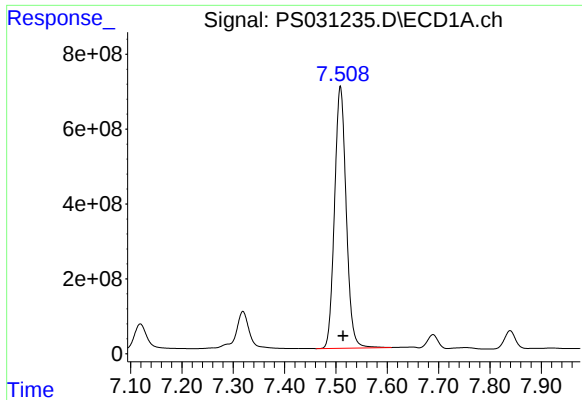
#4 2,4-DCAA

R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 1819464383
Conc: 418.44 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 469606977
Conc: 462.68 ng/ml



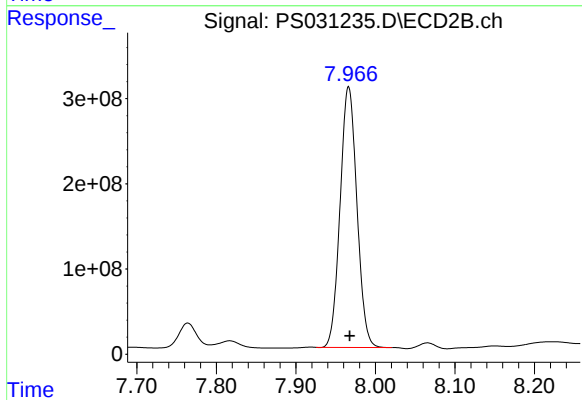
#5 DICAMBA

R.T.: 7.509 min
Delta R.T.: -0.005 min
Response: 11042152188
Conc: 669.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

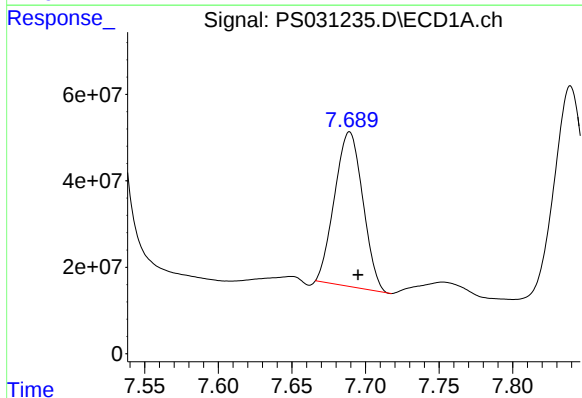
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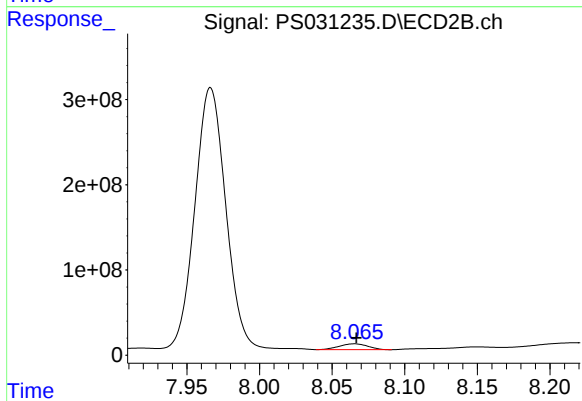
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 4495484023
Conc: 696.61 ng/ml



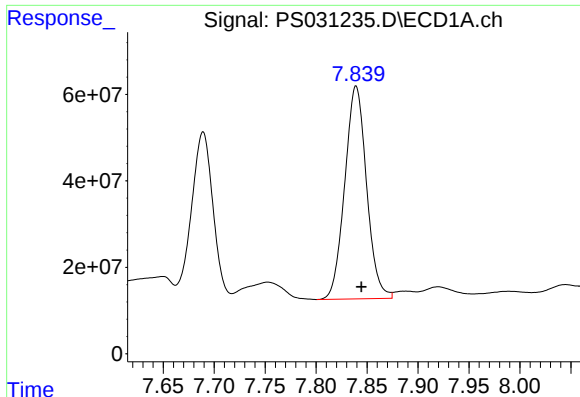
#6 MCP

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 476991807
Conc: 47.65 ug/ml



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.001 min
Response: 93967699
Conc: 45.22 ug/ml



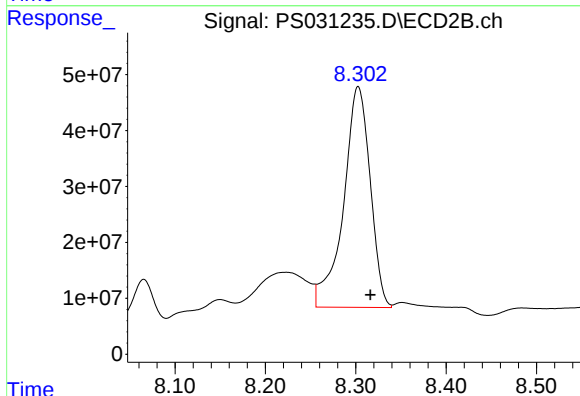
#7 MCPA

R.T.: 7.839 min
Delta R.T.: -0.005 min
Response: 734064049
Conc: 58.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

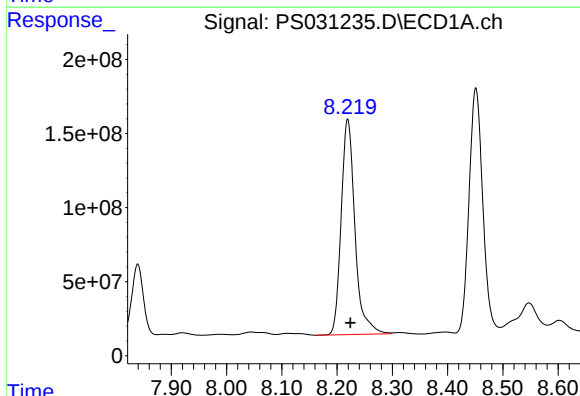
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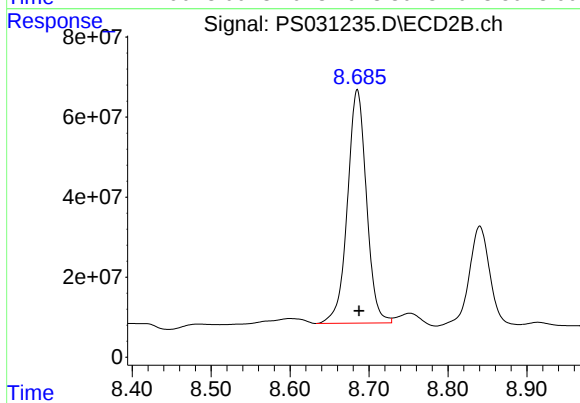
#7 MCPA

R.T.: 8.302 min
Delta R.T.: -0.014 min
Response: 810997561
Conc: 257.03 ug/ml m



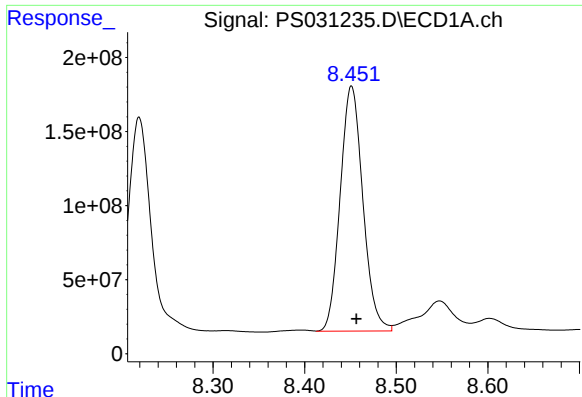
#8 DICHLORPROP

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 2526958414
Conc: 661.17 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 976285764
Conc: 644.47 ng/ml



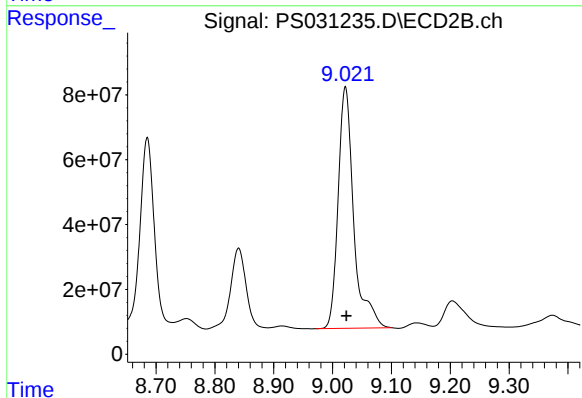
#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 2847685564
Conc: 762.45 ng/ml

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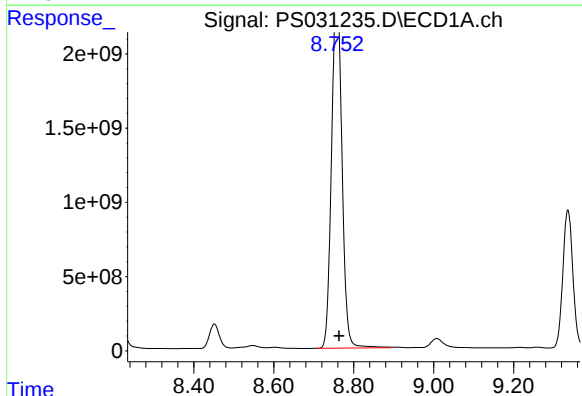
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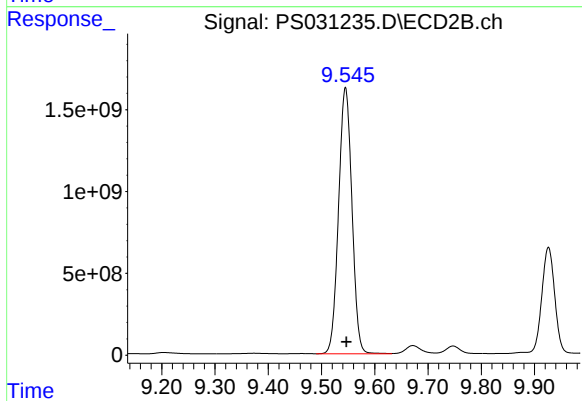
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.002 min
Response: 1374516773
Conc: 809.34 ng/ml



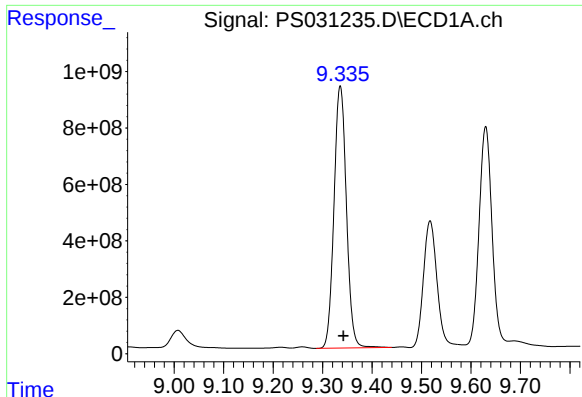
#10 Pentachlorophenol

R.T.: 8.760 min
Delta R.T.: -0.003 min
Response: 41978757651
Conc: 768.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 28362380678
Conc: 725.73 ng/ml



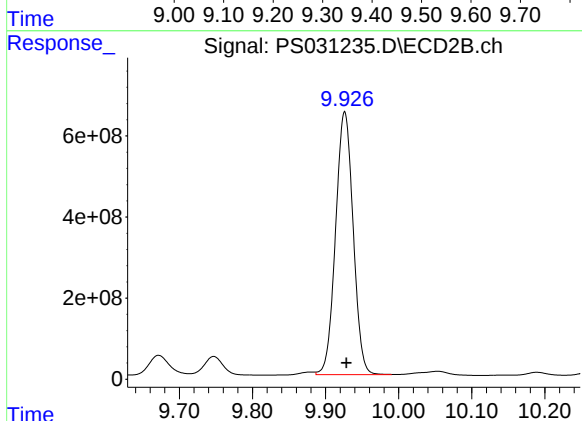
#11 2,4,5-TP (SILVEX)

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 16205413370
Conc: 738.17 ng/ml

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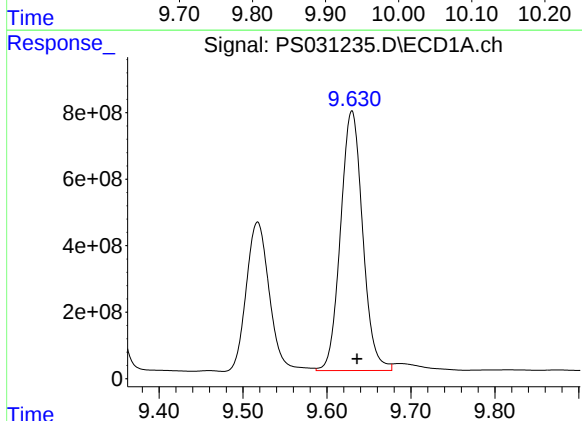
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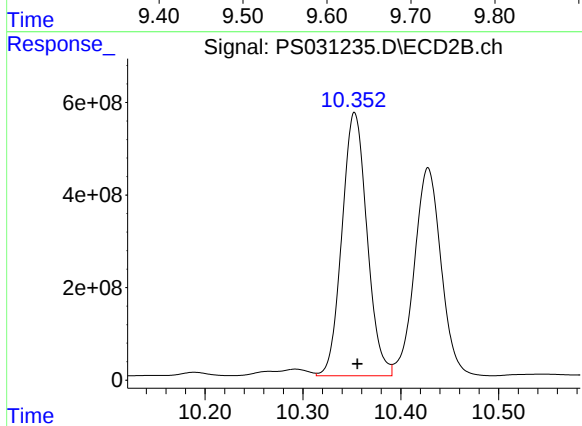
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 10825462426
Conc: 726.82 ng/ml m



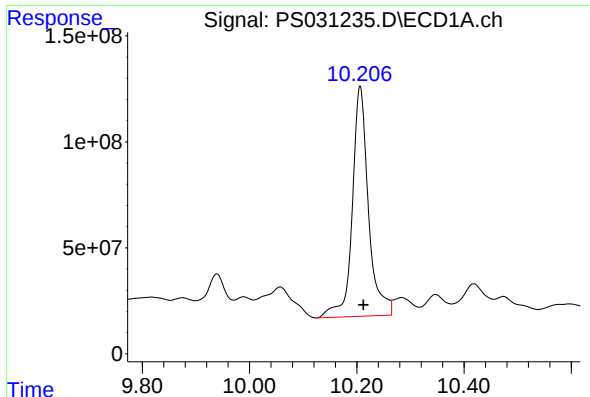
#12 2,4,5-T

R.T.: 9.630 min
Delta R.T.: -0.006 min
Response: 14305527342
Conc: 732.57 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 10120043555
Conc: 711.70 ng/ml



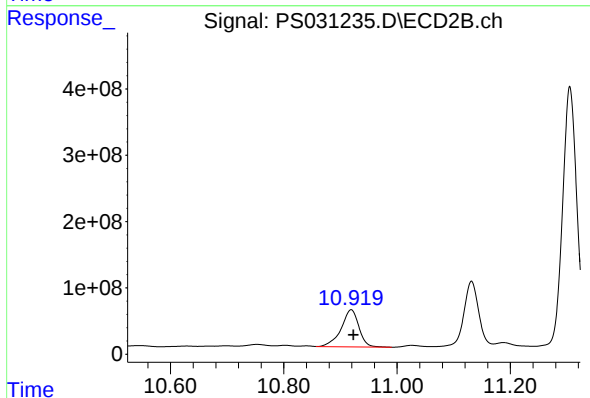
#13 2,4-DB

R.T.: 10.206 min
Delta R.T.: -0.006 min
Response: 2275544898
Conc: 761.08 ng/ml

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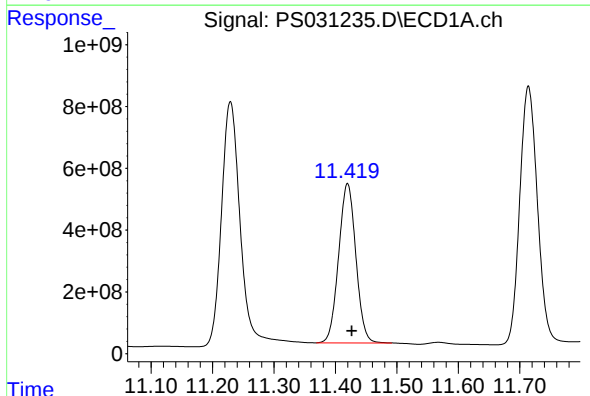
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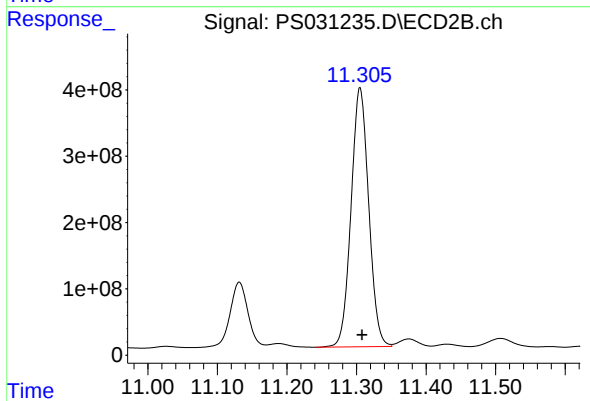
#13 2,4-DB

R.T.: 10.919 min
Delta R.T.: -0.004 min
Response: 1219840983
Conc: 1042.14 ng/ml m



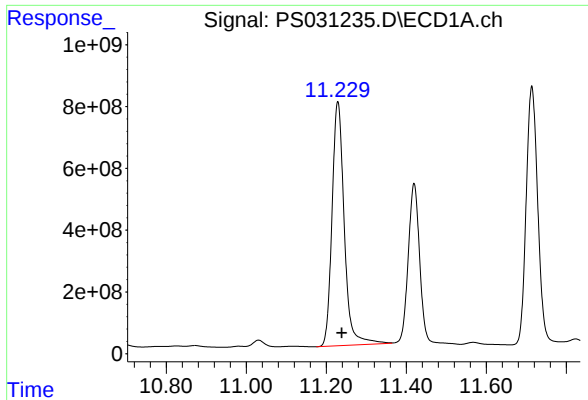
#14 DINOSEB

R.T.: 11.419 min
Delta R.T.: -0.007 min
Response: 10036842350
Conc: 644.65 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 6882471471
Conc: 608.96 ng/ml



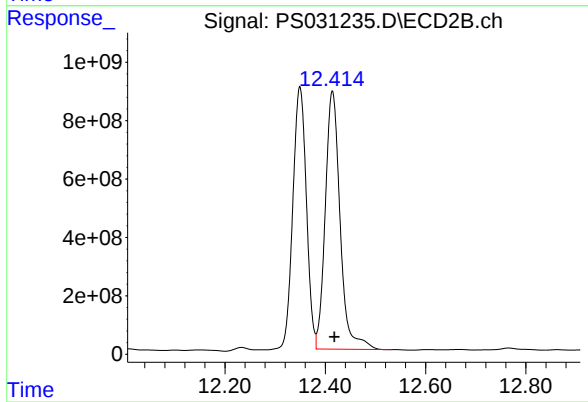
#15 Picloram

R.T.: 11.229 min
Delta R.T.: -0.010 min
Response: 16773782923
Conc: 838.41 ng/ml

Instrument :
ECD_S
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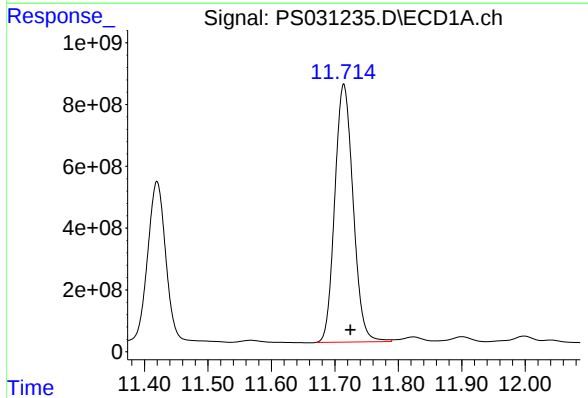
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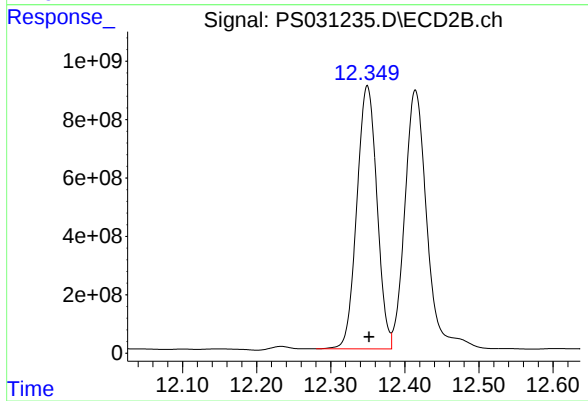
#15 Picloram

R.T.: 12.414 min
Delta R.T.: -0.004 min
Response: 18153285721
Conc: 729.19 ng/ml



#16 DCPA

R.T.: 11.714 min
Delta R.T.: -0.010 min
Response: 16732439756
Conc: 583.14 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 16985320276
Conc: 737.34 ng/ml m