

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 15:22
 Operator : AR\AJ
 Sample : PB168218BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168218BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:20:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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 x 0.5 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	6.732	7.301	2287.6E6	712.5E6	564.491	559.927
Target Compounds							
1) T	Dalapon	2.312	2.406	3323.4E6	1705.7E6	499.617	490.971
2) T	3,5-DICHL...	5.966	6.320	3160.0E6	927.6E6	525.528	521.440
3) T	4-Nitroph...	6.527	6.840	1194.1E6	810.0E6	512.997	505.014
5) T	DICAMBA	6.904	7.482	9281.6E6	4190.2E6	536.948	529.735
6) T	MCP	7.082	7.592	579.1E6	162.8E6	52.398	53.925
7) T	MCPA	7.221	7.818	732.9E6	208.8E6	51.757	51.527
8) T	DICHLORPROP	7.570	8.167	2195.0E6	992.3E6	531.201	526.301
9) T	2,4-D	7.786	8.476	2336.9E6	1082.0E6	534.343	528.204
10) T	Pentachlo...	8.050	8.962	35702.6E6	22379.0E6	610.248	559.543
11) T	2,4,5-TP ...	8.609	9.344	13372.4E6	8855.2E6	543.219	541.060
12) T	2,4,5-T	8.885	9.743	12200.8E6	7985.6E6	545.912	540.850
13) T	2,4-DB	9.434	10.296	1873.8E6	729.1E6	534.779	530.519
14) T	DINOSEB	10.573	10.664	9894.3E6	5944.3E6	530.618	524.333
15) T	Picloram	10.396	11.682	14330.6E6	13560.5E6	521.264	542.107m
16) T	DCPA	10.874	11.682	16972.5E6	13274.5E6	553.086	605.151m

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

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Operator : AR\AJ
Sample : PB168218BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

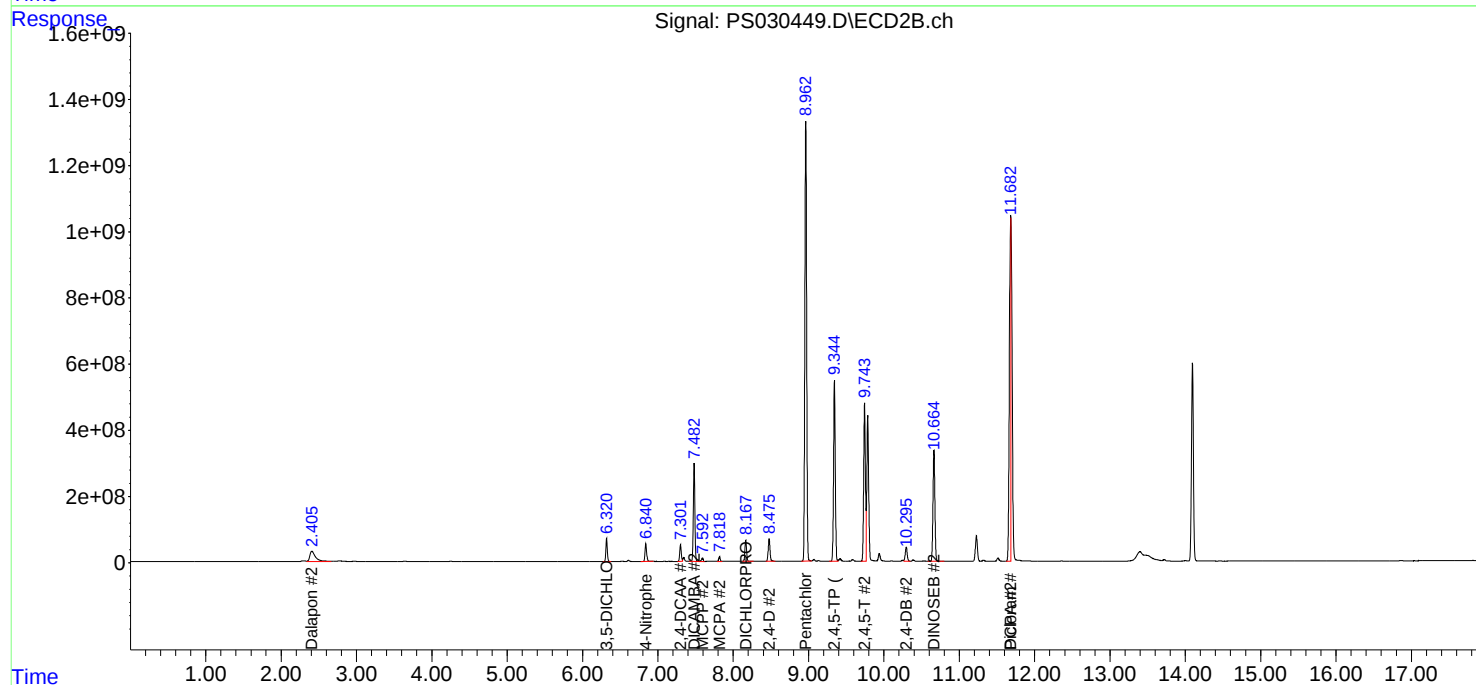
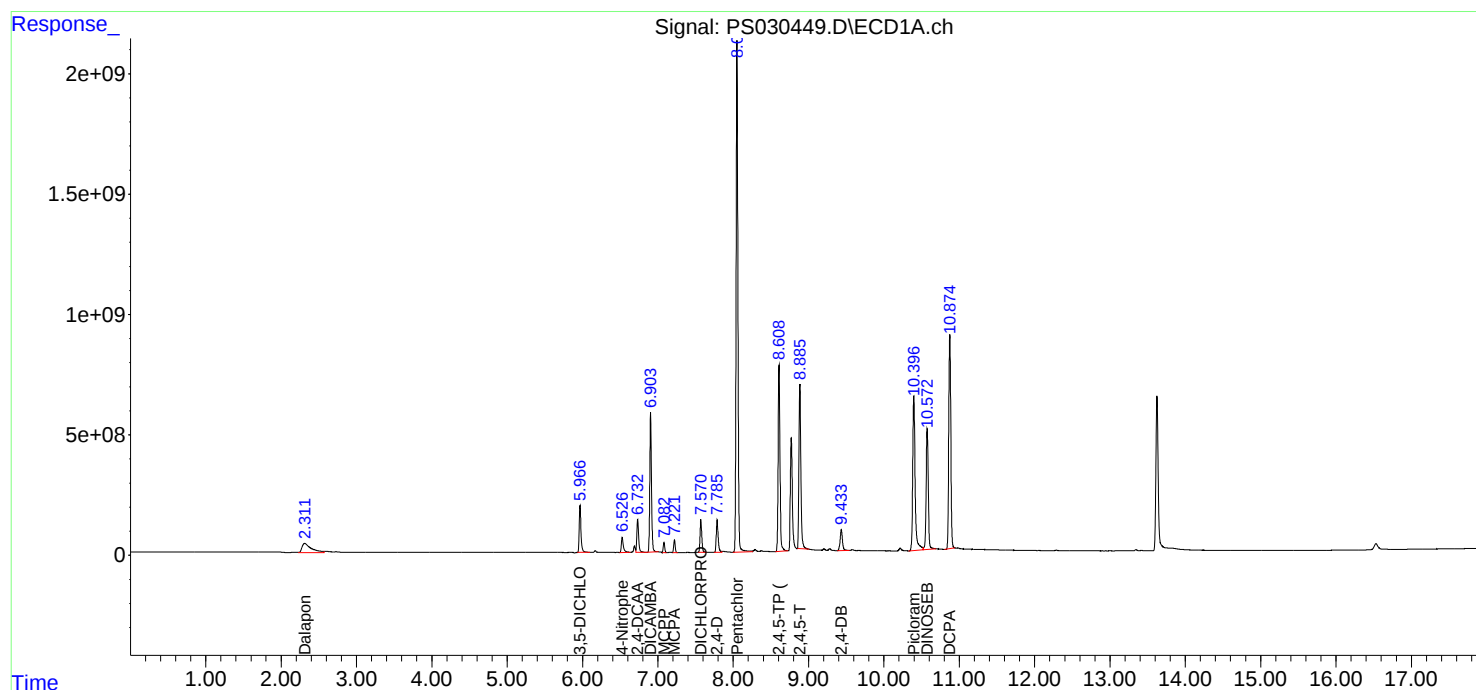
Instrument :
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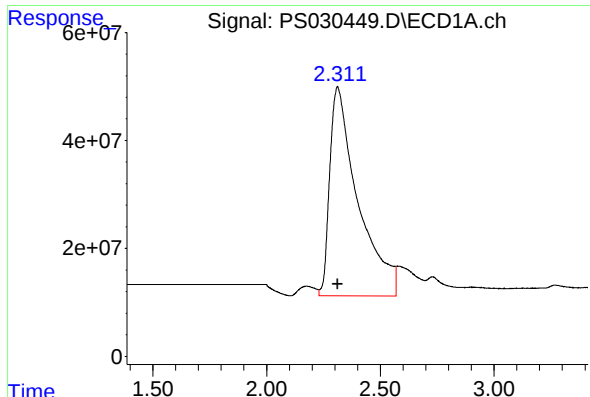
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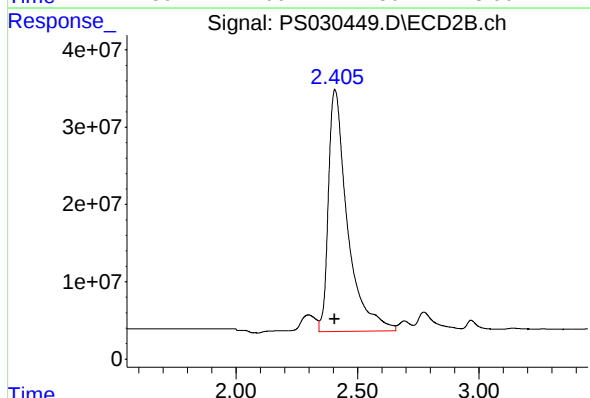
#1 Dalapon

R.T.: 2.312 min
Delta R.T.: 0.000 min
Response: 3323417609
Conc: 499.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168218BS

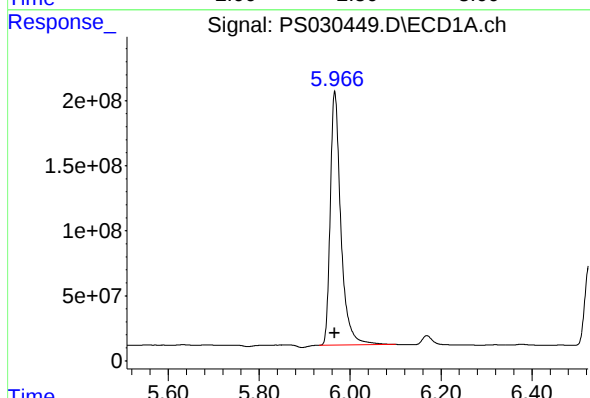
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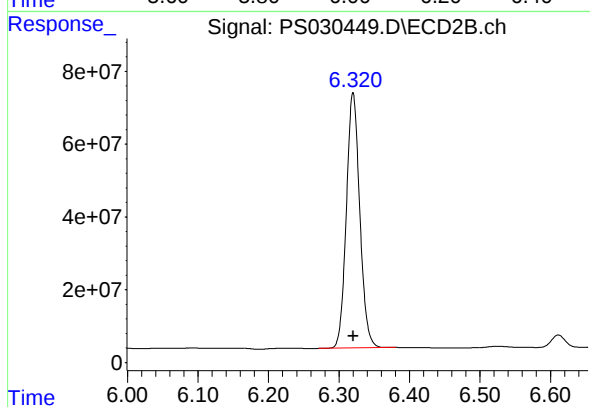
#1 Dalapon

R.T.: 2.406 min
Delta R.T.: 0.000 min
Response: 1705652605
Conc: 490.97 ng/ml



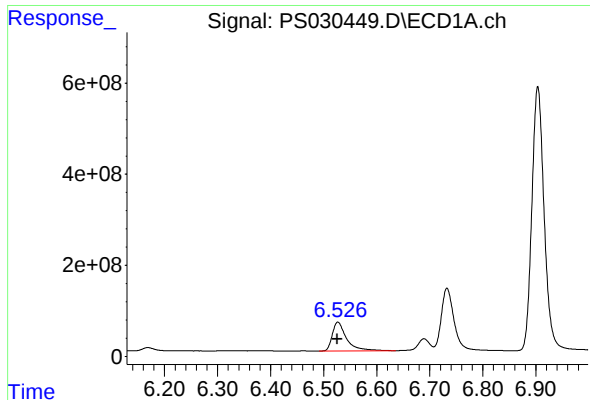
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 3159963673
Conc: 525.53 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 927638522
Conc: 521.44 ng/ml



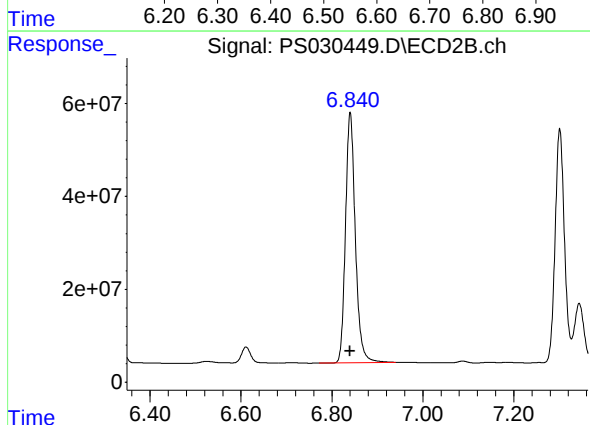
#3 4-Nitrophenol

R.T.: 6.527 min
Delta R.T.: 0.001 min
Response: 1194068915
Conc: 513.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168218BS

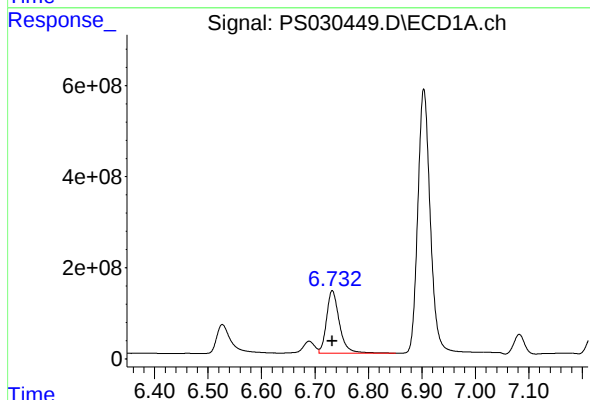
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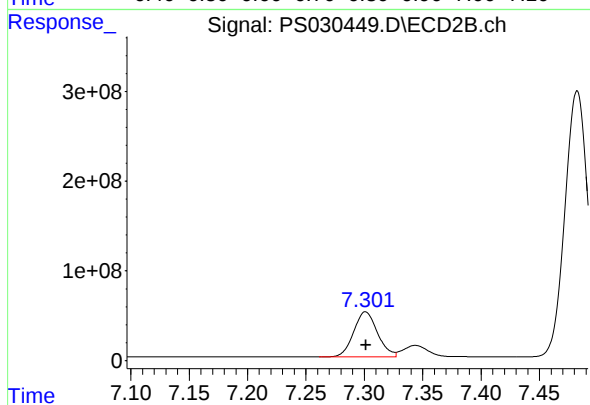
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 810049748
Conc: 505.01 ng/ml



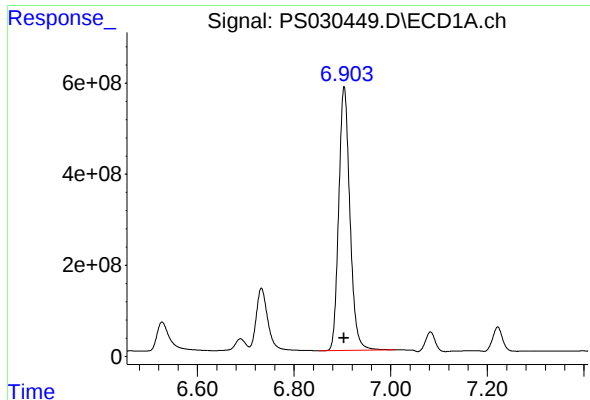
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2287554170
Conc: 564.49 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 712487349
Conc: 559.93 ng/ml



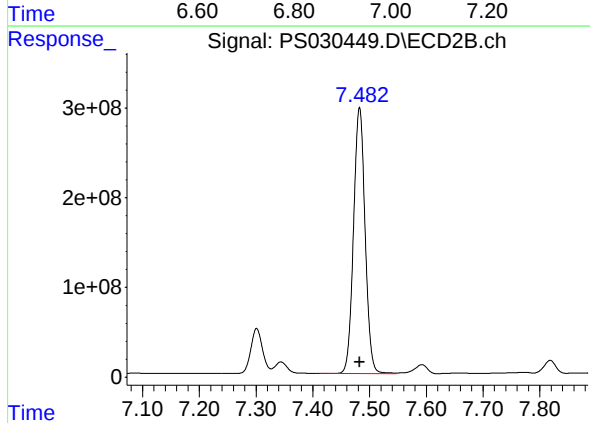
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 9281611836
Conc: 536.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168218BS

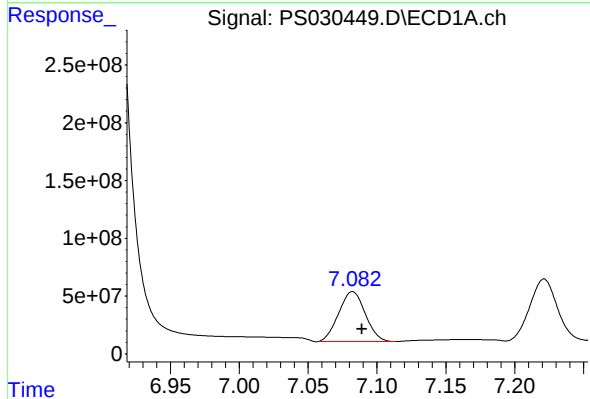
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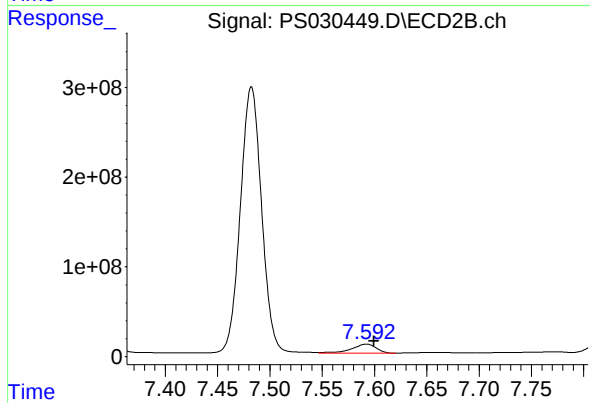
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 4190195986
Conc: 529.74 ng/ml



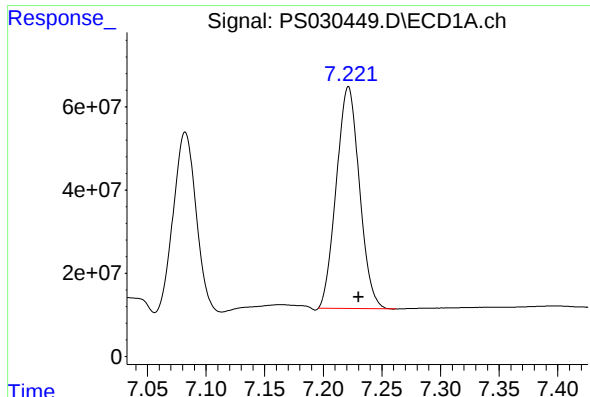
#6 MCPP

R.T.: 7.082 min
Delta R.T.: -0.007 min
Response: 579087845
Conc: 52.40 ug/ml



#6 MCPP

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 162775577
Conc: 53.92 ug/ml



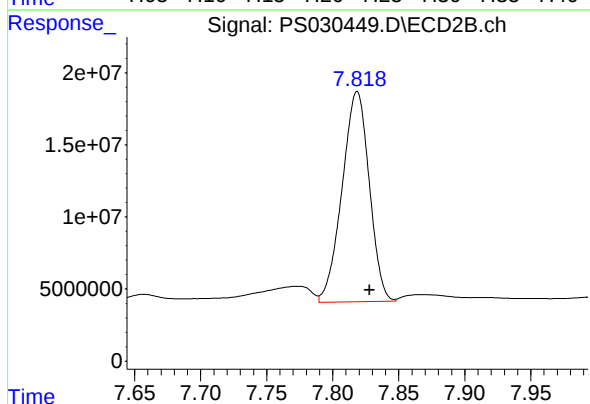
#7 MCPA

R.T.: 7.221 min
Delta R.T.: -0.009 min
Response: 732854247
Conc: 51.76 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168218BS

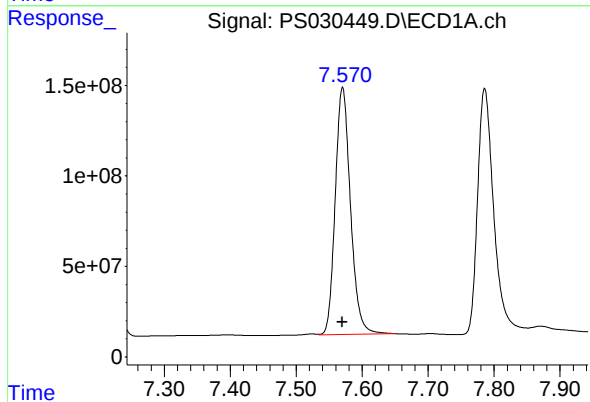
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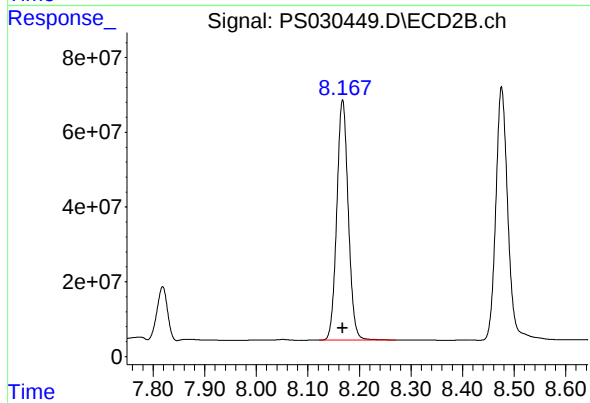
#7 MCPA

R.T.: 7.818 min
Delta R.T.: -0.009 min
Response: 208781615
Conc: 51.53 ug/ml



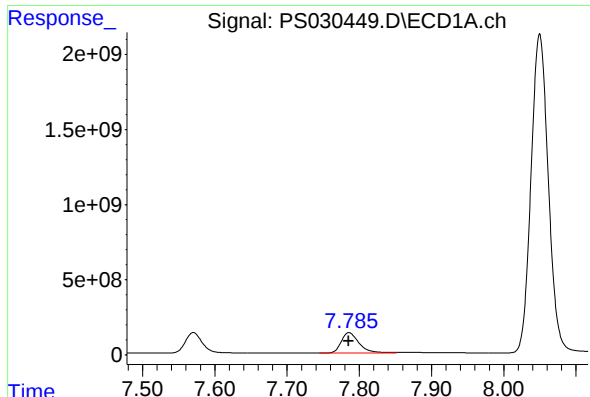
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 2195014643
Conc: 531.20 ng/ml



#8 DICHLORPROP

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 992316466
Conc: 526.30 ng/ml



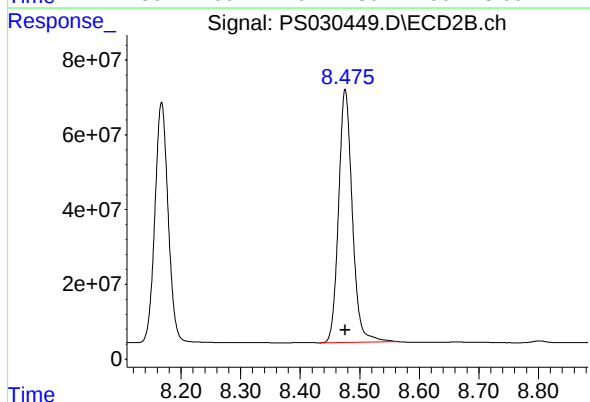
#9 2,4-D

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 2336854844
Conc: 534.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168218BS

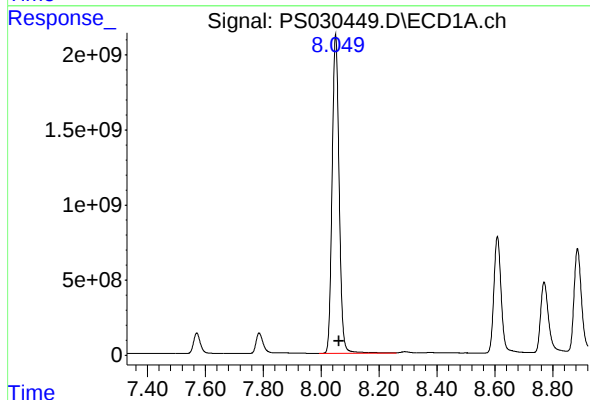
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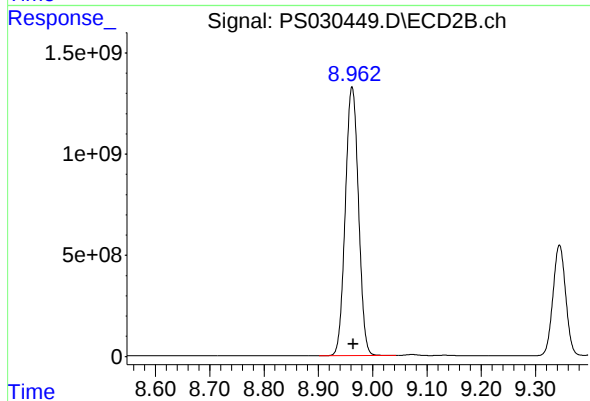
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 1081977424
Conc: 528.20 ng/ml



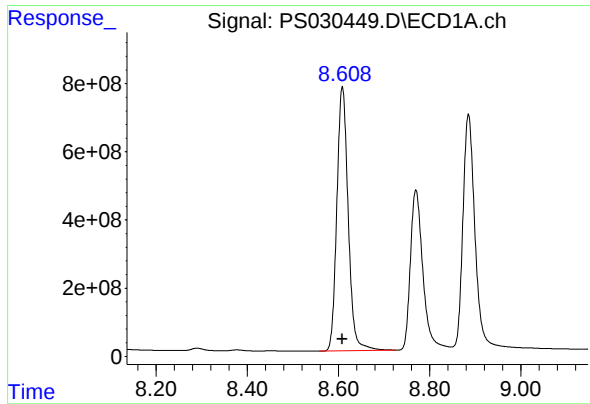
#10 Pentachlorophenol

R.T.: 8.050 min
Delta R.T.: -0.011 min
Response: 35702595433
Conc: 610.25 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 22378970775
Conc: 559.54 ng/ml



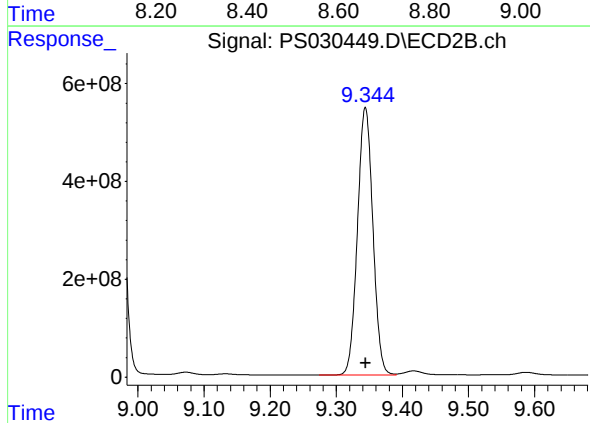
#11 2,4,5-TP (SILVEX)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 13372382307
Conc: 543.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168218BS

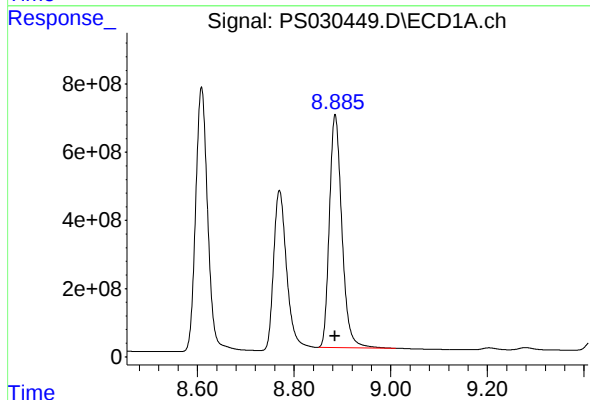
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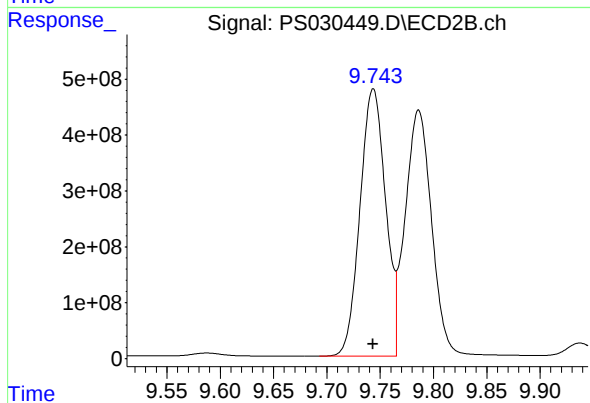
#11 2,4,5-TP (SILVEX)

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 8855182157
Conc: 541.06 ng/ml



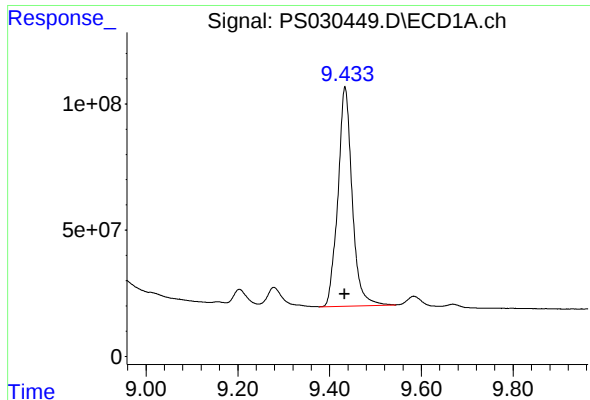
#12 2,4,5-T

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 12200805251
Conc: 545.91 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 7985628277
Conc: 540.85 ng/ml



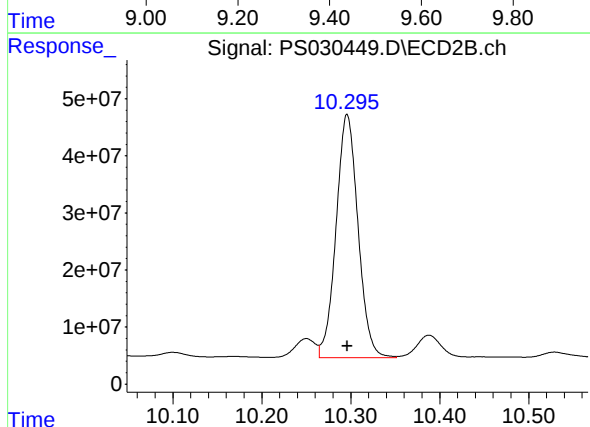
#13 2,4-DB

R.T.: 9.434 min
Delta R.T.: 0.000 min
Response: 1873818362
Conc: 534.78 ng/ml

Instrument :
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ClientSampleId :
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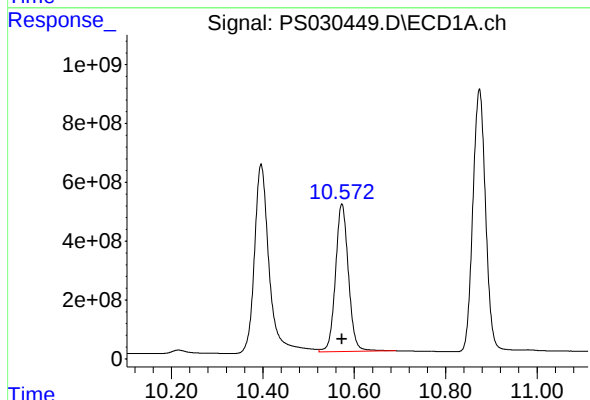
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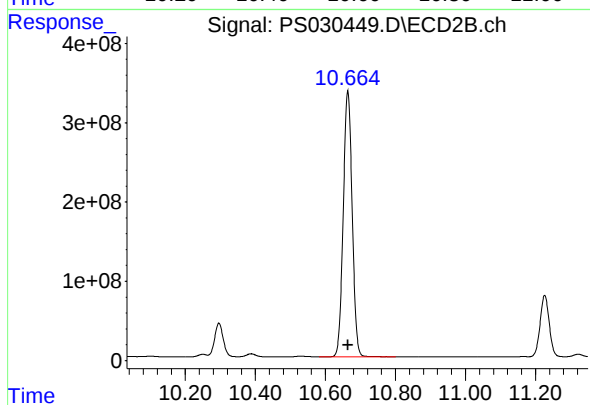
#13 2,4-DB

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 729145800
Conc: 530.52 ng/ml



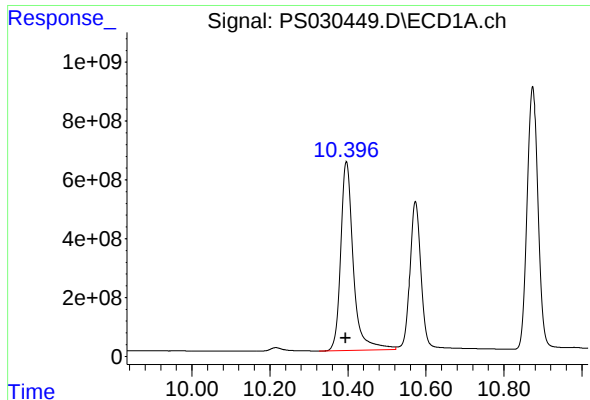
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 9894309536
Conc: 530.62 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 5944341464
Conc: 524.33 ng/ml



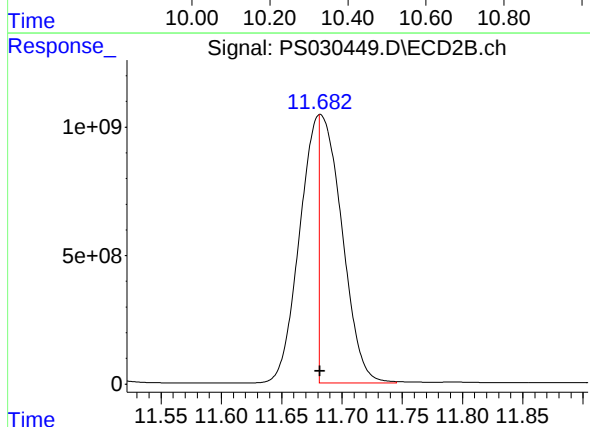
#15 Picloram

R.T.: 10.396 min
Delta R.T.: 0.002 min
Response: 14330582059
Conc: 521.26 ng/ml

Instrument :
ECD_S
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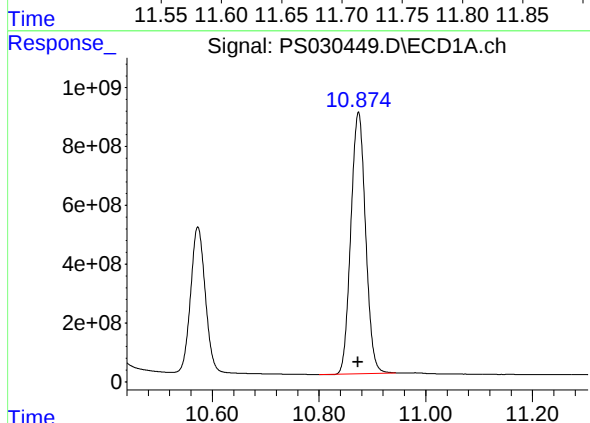
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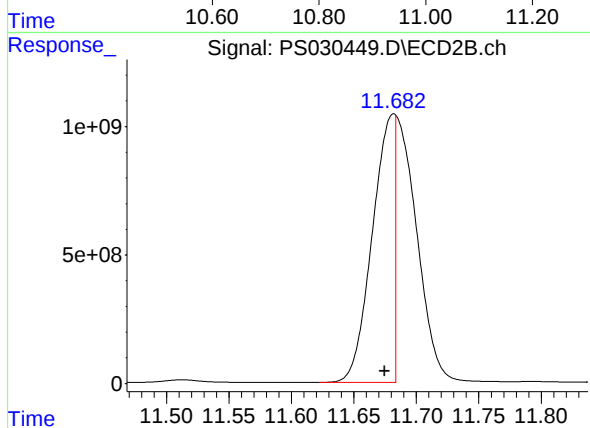
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 13560473935
Conc: 542.11 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 16972506960
Conc: 553.09 ng/ml



#16 DCPA

R.T.: 11.682 min
Delta R.T.: 0.007 min
Response: 13274545670
Conc: 605.15 ng/ml m