

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 20:48
 Operator : AR\AJ
 Sample : Q2194-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-13MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:17:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.771	1878.2E6	480.8E6	497.519	446.981m
Target Compounds							
1) T	Dalapon	2.705	2.704	440.1E6	2252.6E6	77.931m	822.115 #
2) T	3,5-DICHL...	6.519	6.716	2260.7E6	627.2E6	416.621m	400.935
3) T	4-Nitroph...	7.162	7.302	436.1E6	442.0E6	237.837	282.017
5) T	DICAMBA	7.554	7.975	6120.1E6	2529.3E6	396.831	392.643
6) T	MCPD	7.734	8.074	362.1E6	82953419	36.554m	35.886
7) T	MCPA	7.885	8.320	466.8E6	123.4E6	36.788	39.977m
8) T	DICHLORPROP	8.270	8.695	1611.5E6	695.3E6	442.936	468.472
9) T	2,4-D	8.502	9.030	1888.0E6	699.0E6	518.160	444.563m
10) T	Pentachlo...	8.811	9.557	20267.3E6	13177.6E6	399.071	364.646
11) T	2,4,5-TP ...	9.394	9.938	8541.2E6	5964.9E6	413.317	434.861
12) T	2,4,5-T	9.688	10.363	7060.4E6	5407.3E6	383.072	414.129
13) T	2,4-DB	10.268	10.930	869.1E6	482.9E6	286.233m	420.037m#
14) T	DINOSEB	11.488	11.324	377.1E6	2214.7E6	26.232m	220.367m#
15) T	Picloram	11.296	12.424	6173.8E6	7024.0E6	308.616m	318.061m
16) T	DCPA	11.783	12.360	8062.0E6	8280.0E6	304.917	404.636m#

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

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Acq On : 06 Jun 2025 20:48
Operator : AR\AJ
Sample : Q2194-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

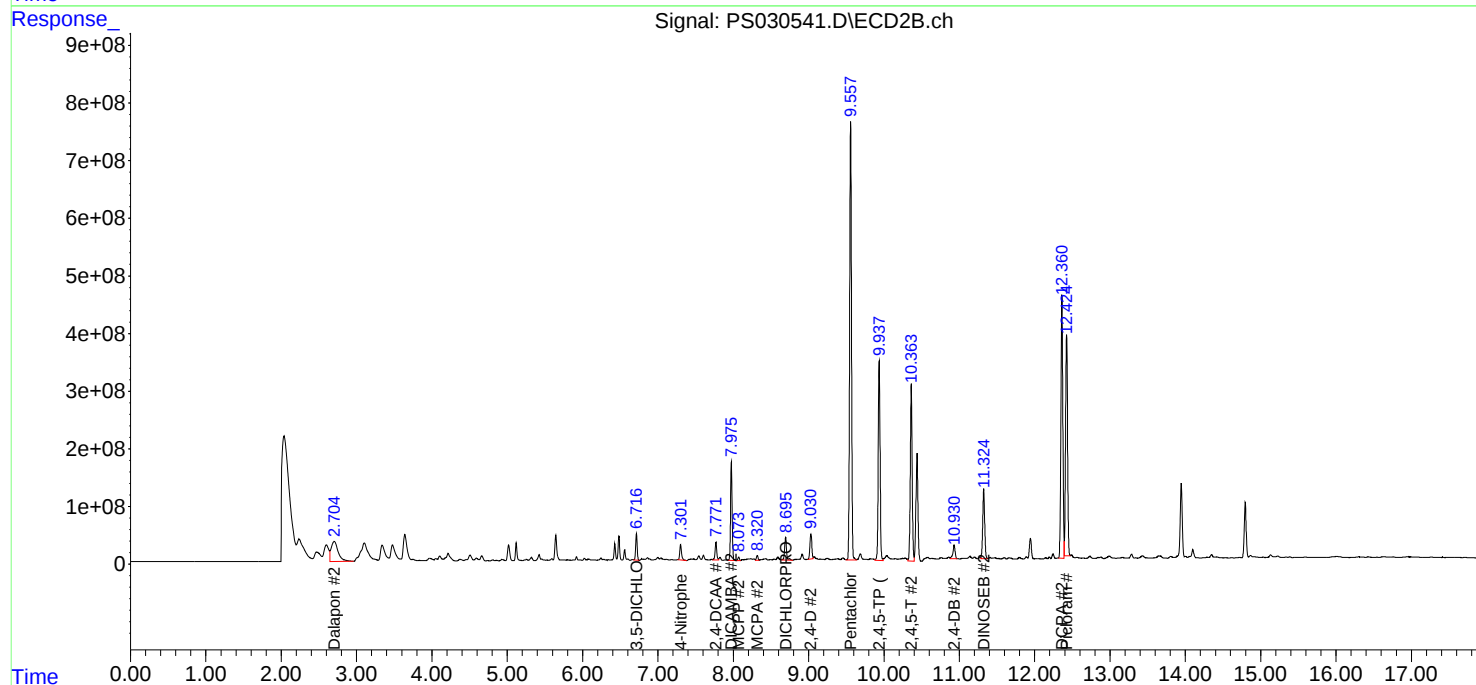
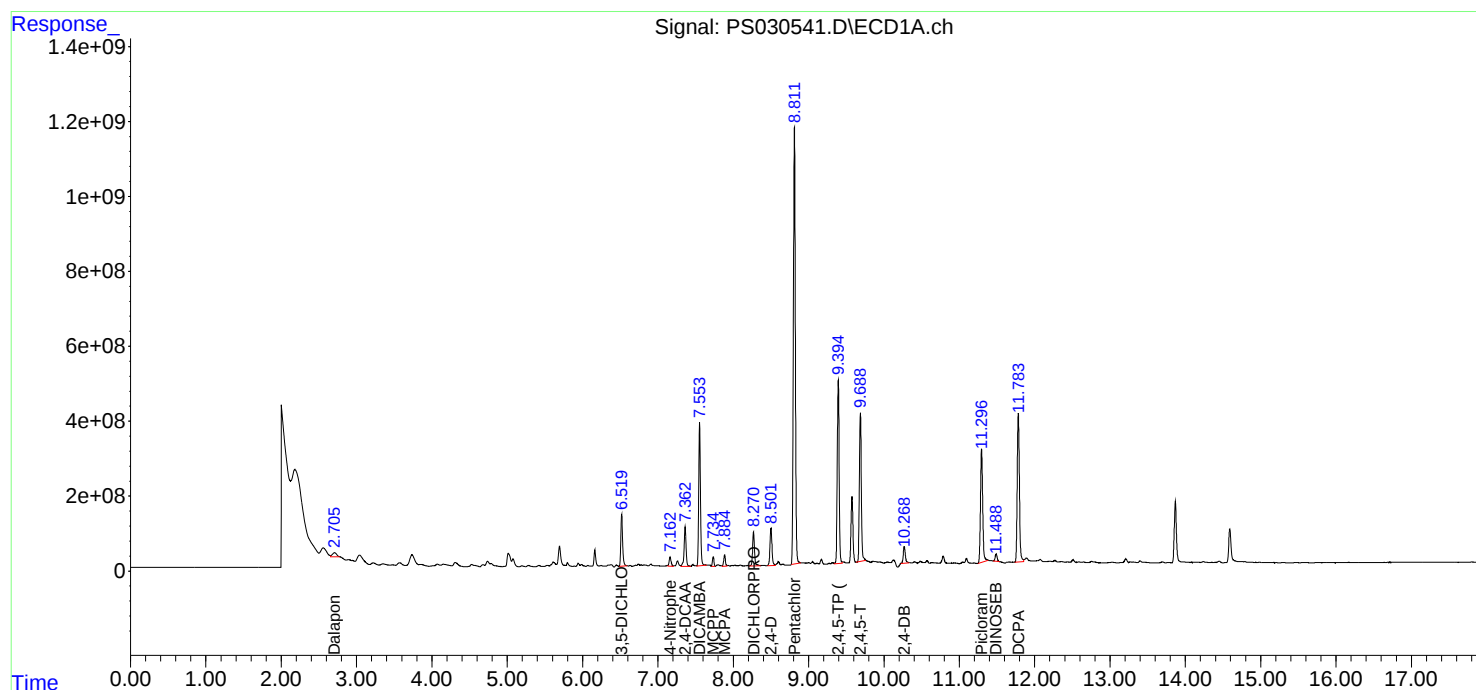
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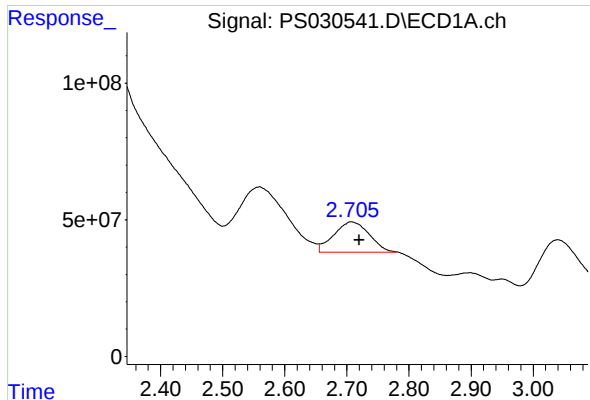
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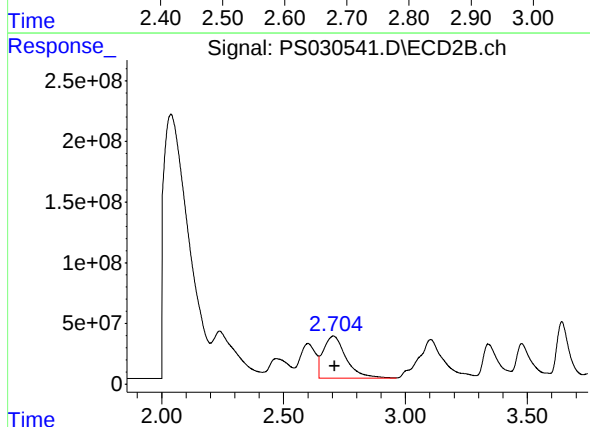
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.015 min
Response: 440076538
Conc: 77.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MSD

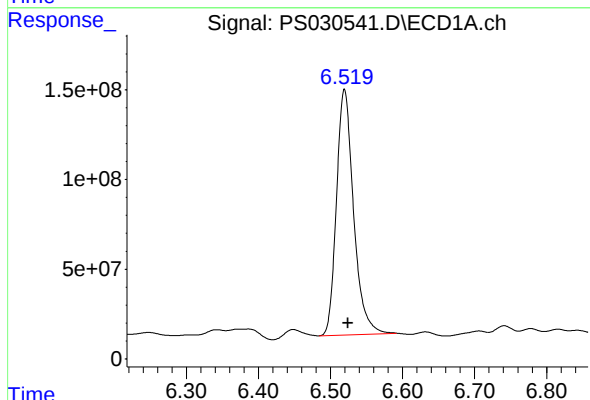
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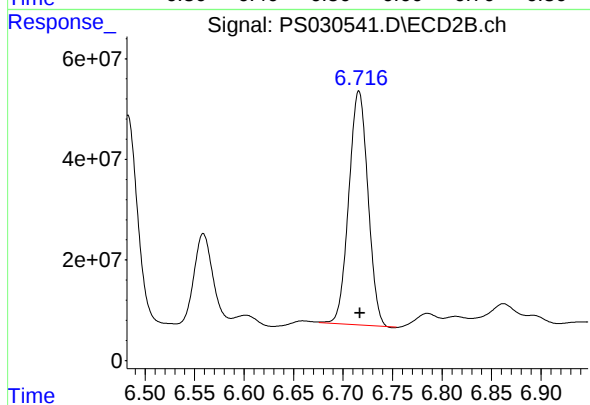
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: -0.006 min
Response: 2252608288
Conc: 822.12 ng/ml



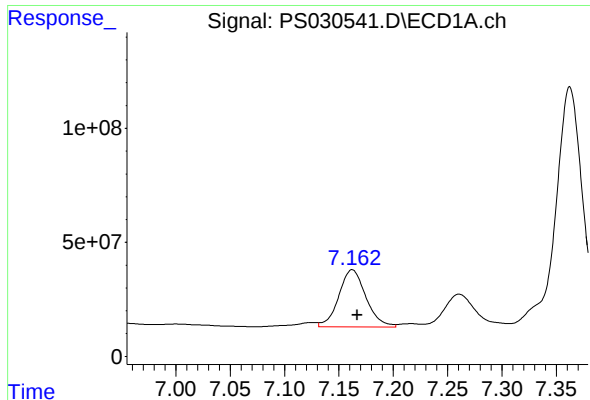
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 2260732911
Conc: 416.62 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 627161558
Conc: 400.93 ng/ml



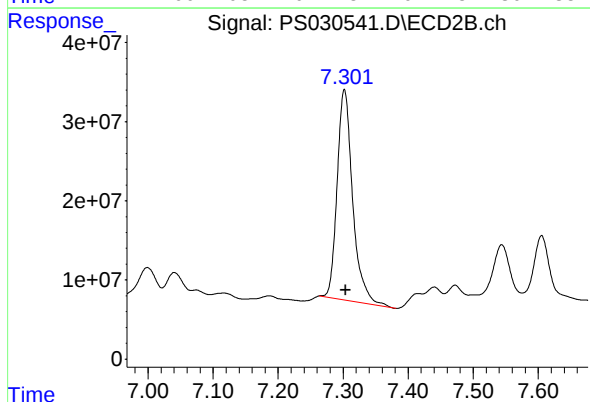
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 436135215
Conc: 237.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MSD

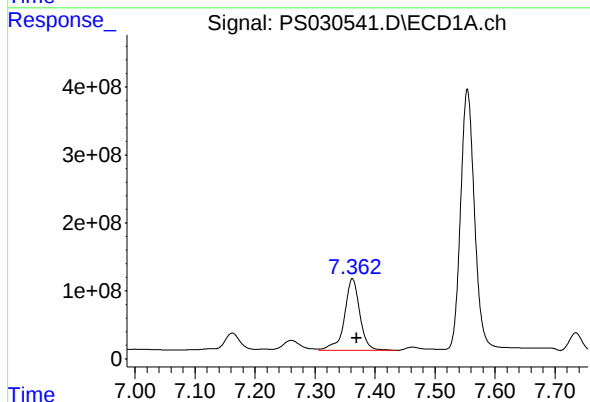
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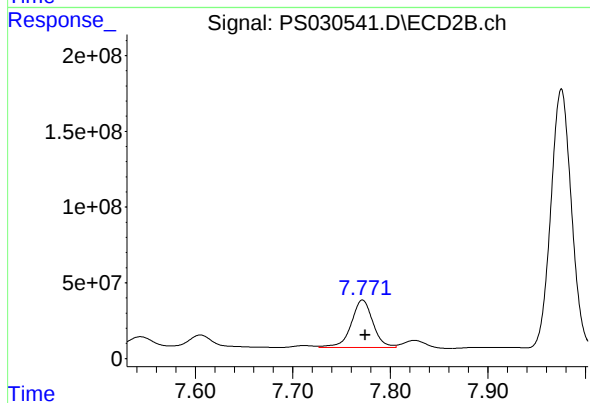
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 441988706
Conc: 282.02 ng/ml



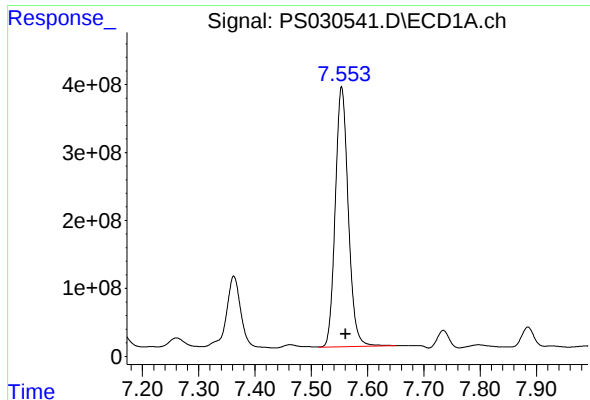
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 1878207548
Conc: 497.52 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 480777227
Conc: 446.98 ng/ml m



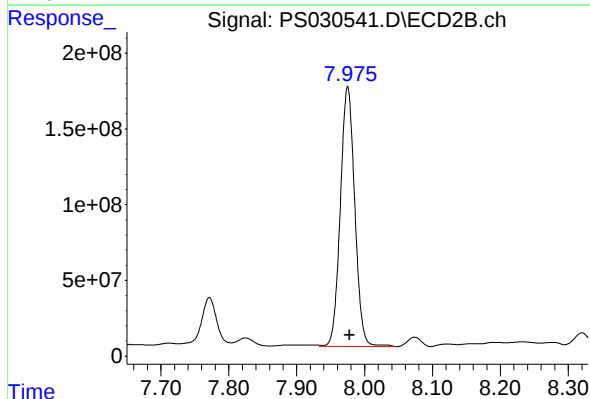
#5 DICAMBA

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 6120148843
Conc: 396.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MSD

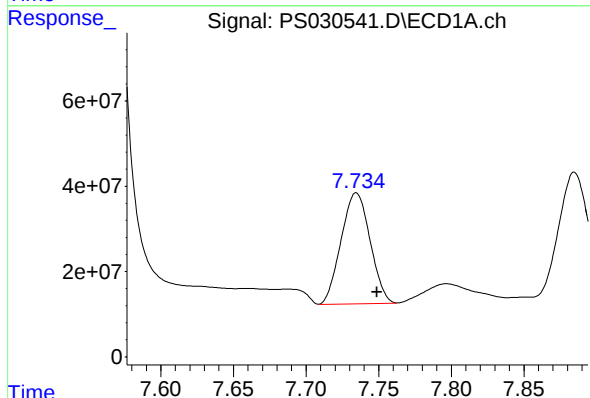
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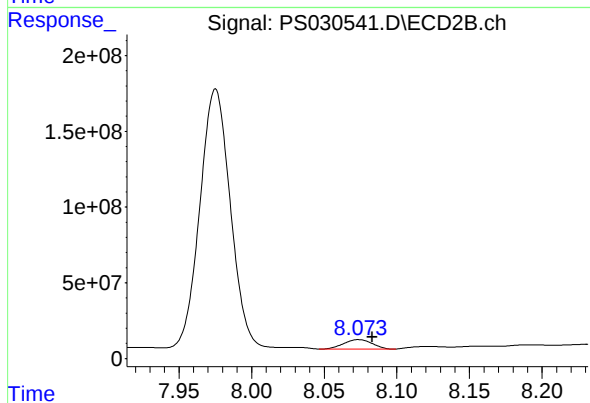
#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 2529264936
Conc: 392.64 ng/ml



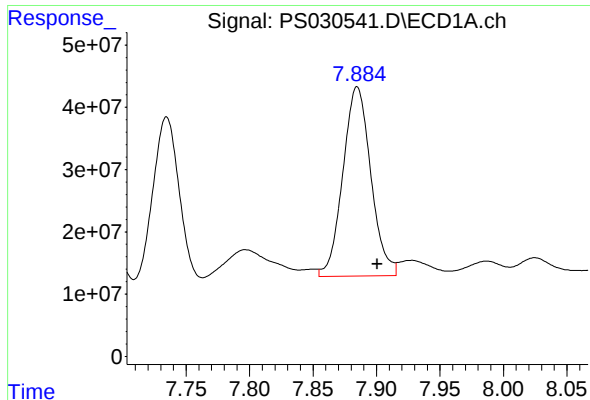
#6 MCPP

R.T.: 7.734 min
Delta R.T.: -0.015 min
Response: 362063874
Conc: 36.55 ug/ml m



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 82953419
Conc: 35.89 ug/ml



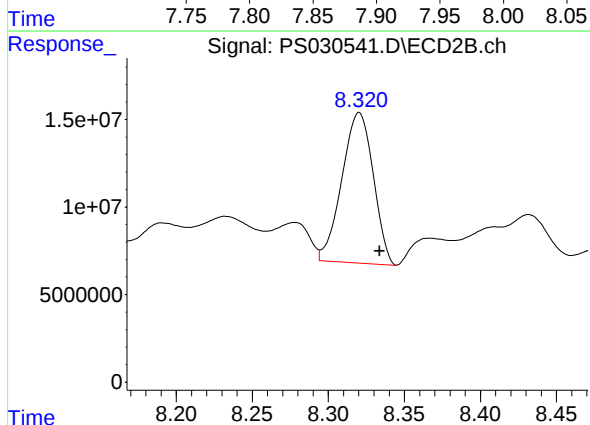
#7 MCPA

R.T.: 7.885 min
Delta R.T.: -0.016 min
Response: 466813783
Conc: 36.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MSD

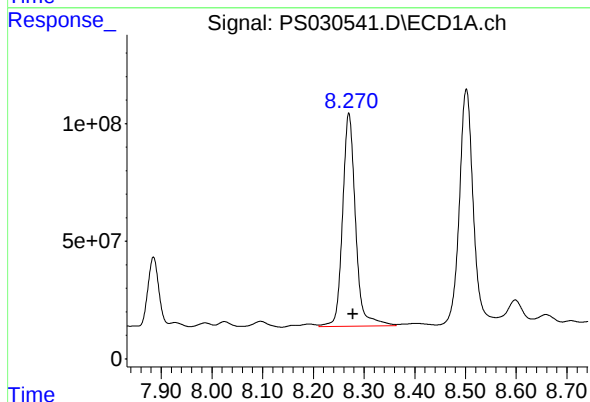
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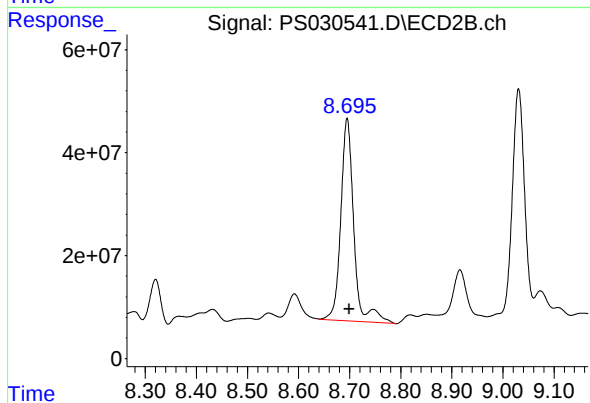
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.014 min
Response: 123366837
Conc: 39.98 ug/ml



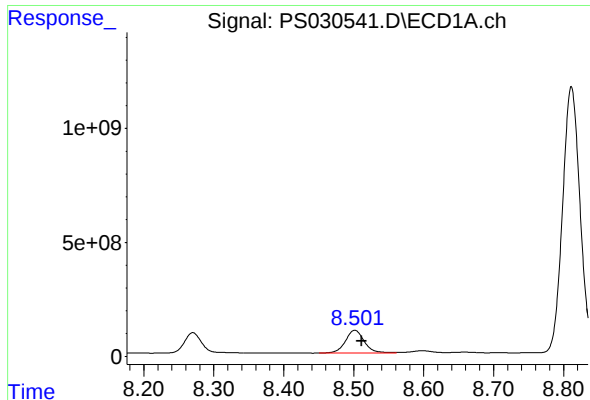
#8 DICHLORPROP

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 1611464611
Conc: 442.94 ng/ml



#8 DICHLORPROP

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 695308246
Conc: 468.47 ng/ml



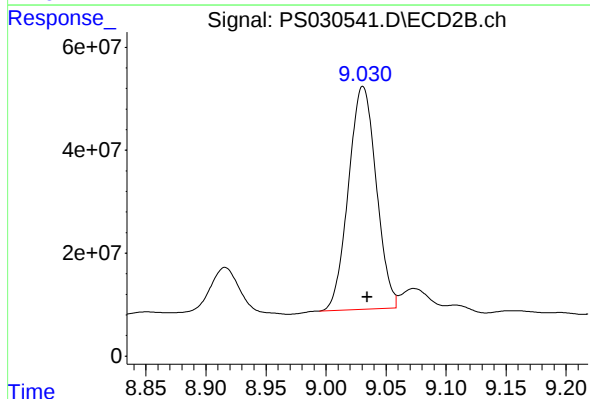
#9 2,4-D

R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 1887974408
Conc: 518.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MSD

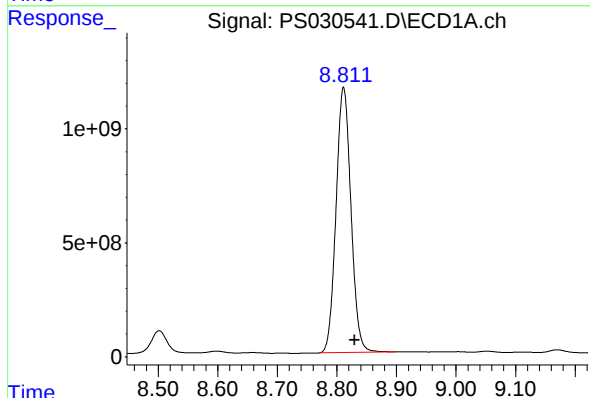
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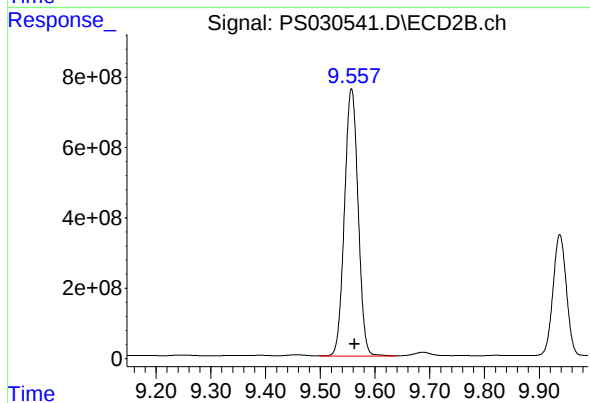
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 698996352
Conc: 444.56 ng/ml m



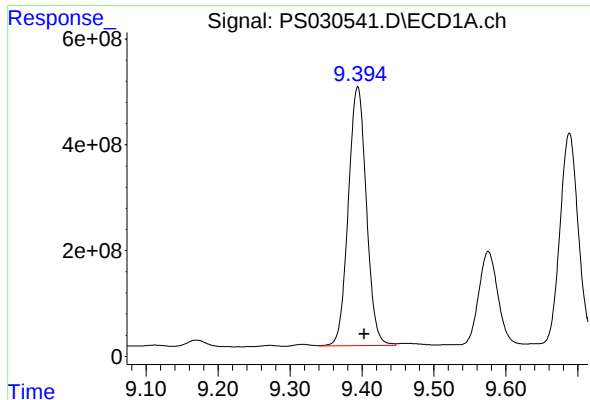
#10 Pentachlorophenol

R.T.: 8.811 min
Delta R.T.: -0.018 min
Response: 20267315460
Conc: 399.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.557 min
Delta R.T.: -0.006 min
Response: 13177576737
Conc: 364.65 ng/ml



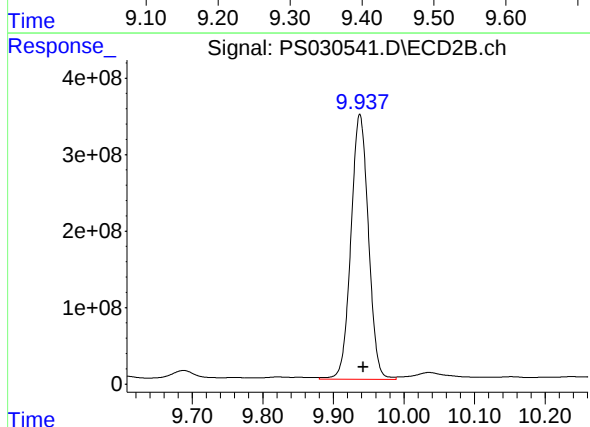
#11 2,4,5-TP (SILVEX)

R.T.: 9.394 min
Delta R.T.: -0.009 min
Response: 8541232029
Conc: 413.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP-13MSD

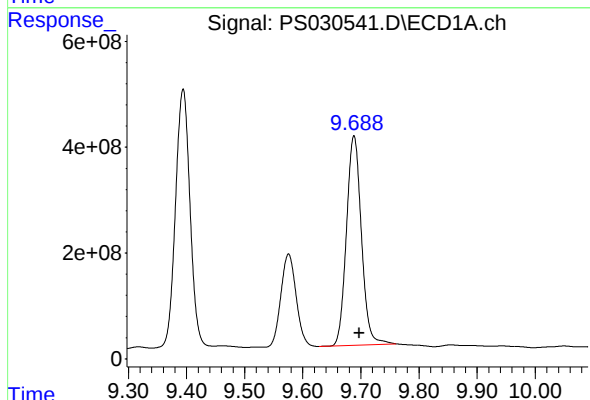
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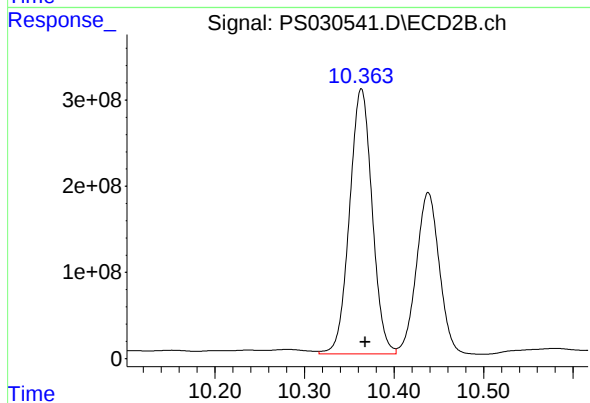
#11 2,4,5-TP (SILVEX)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 5964872655
Conc: 434.86 ng/ml



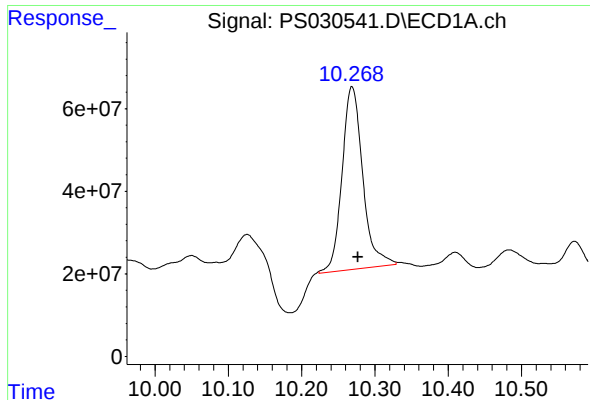
#12 2,4,5-T

R.T.: 9.688 min
Delta R.T.: -0.009 min
Response: 7060428486
Conc: 383.07 ng/ml



#12 2,4,5-T

R.T.: 10.363 min
Delta R.T.: -0.004 min
Response: 5407331479
Conc: 414.13 ng/ml



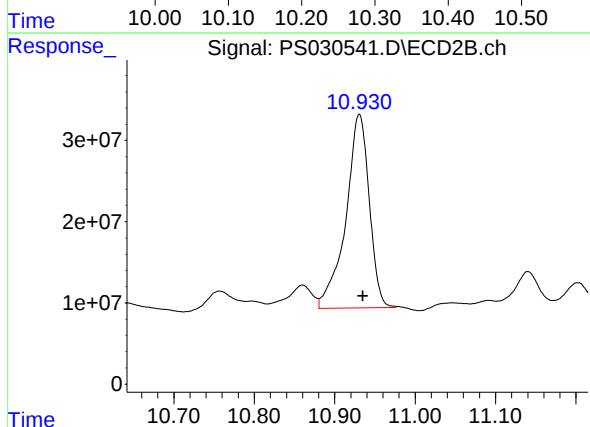
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.009 min
Response: 869107594
Conc: 286.23 ng/ml

Instrument :
ECD_S
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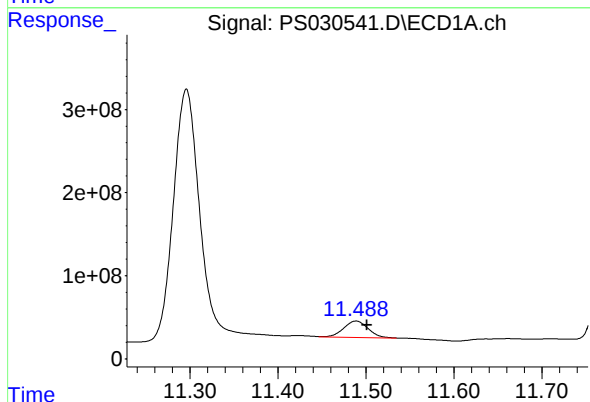
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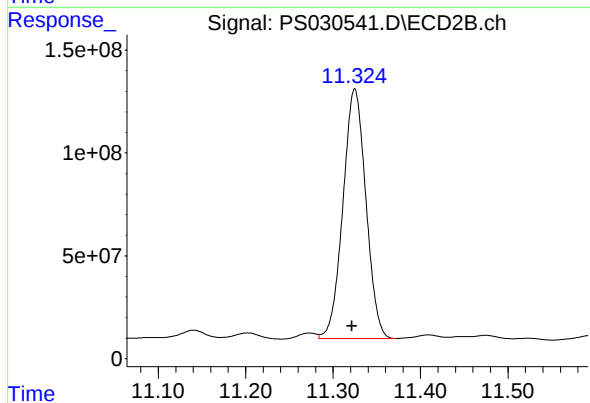
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: -0.005 min
Response: 482854189
Conc: 420.04 ng/ml



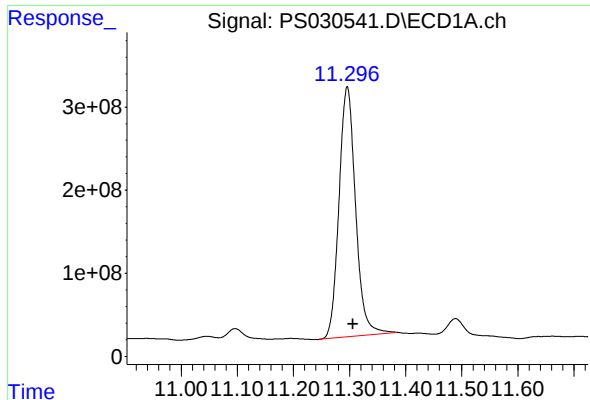
#14 DINOSEB

R.T.: 11.488 min
Delta R.T.: -0.013 min
Response: 377081418
Conc: 26.23 ng/ml



#14 DINOSEB

R.T.: 11.324 min
Delta R.T.: 0.003 min
Response: 2214710080
Conc: 220.37 ng/ml



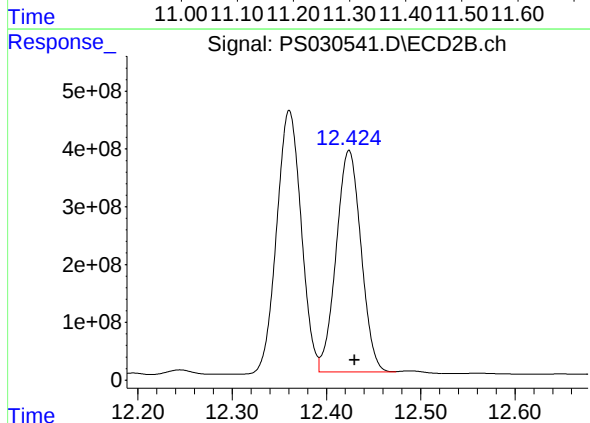
#15 Picloram

R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 6173811638
Conc: 308.62 ng/ml

Instrument :
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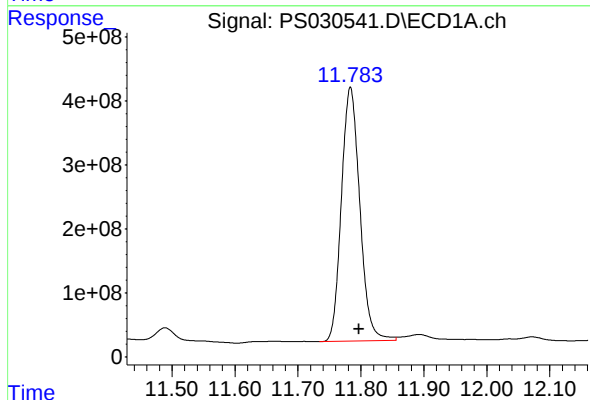
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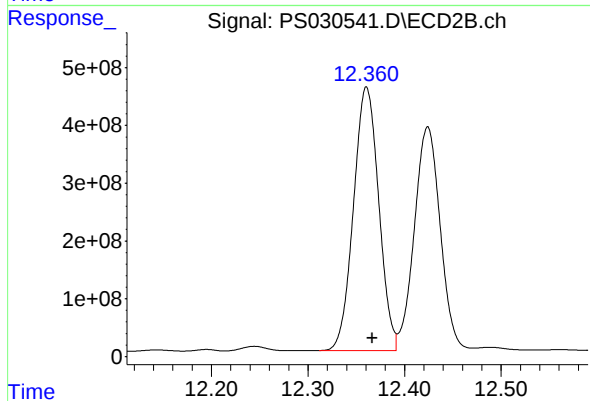
#15 Picloram

R.T.: 12.424 min
Delta R.T.: -0.006 min
Response: 7024026088
Conc: 318.06 ng/ml m



#16 DCPA

R.T.: 11.783 min
Delta R.T.: -0.014 min
Response: 8062035724
Conc: 304.92 ng/ml



#16 DCPA

R.T.: 12.360 min
Delta R.T.: -0.007 min
Response: 8280039313
Conc: 404.64 ng/ml m