

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060525\
 Data File : PS030532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 15:18
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 01:21:09 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	7.770	2798.0E6	782.8E6	741.175m	727.743
Target Compounds						
1) T Dalapon	2.716	2.712	3871.3E6	1802.9E6	685.551	657.999
2) T 3,5-DICHL...	6.519	6.714	3840.0E6	1082.0E6	707.653	691.710
3) T 4-Nitroph...	7.161	7.300	1220.0E6	1082.7E6	665.307	690.854
5) T DICAMBA	7.554	7.974	11122.4E6	4578.3E6	721.177	710.729
6) T MCPP	7.737	8.073	650.4E6	165.3E6	65.665	71.497
7) T MCPA	7.888	8.323	873.9E6	208.3E6	68.866	67.513
8) T DICHLORPROP	8.270	8.694	2534.7E6	1025.7E6	696.700	691.062
9) T 2,4-D	8.503	9.029	2518.0E6	1113.5E6	691.070	708.178
10) T Pentachlo...	8.812	9.556	39288.1E6	26432.4E6	773.599	731.431
11) T 2,4,5-TP ...	9.394	9.937	14961.2E6	9787.0E6	723.986	713.504
12) T 2,4,5-T	9.688	10.362	12904.8E6	9299.1E6	700.168	712.187
13) T 2,4-DB	10.268	10.929	2018.0E6	799.9E6	664.627	695.802
14) T DINOSEB	11.491	11.315	10394.8E6	7166.2E6	723.118	713.046
15) T Picloram	11.296	12.423	12743.0E6	15285.6E6	636.996m	692.162
16) T DCPA	11.786	12.359	19586.9E6	14477.0E6	740.802	707.472m

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

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Data File : PS030532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 15:18
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

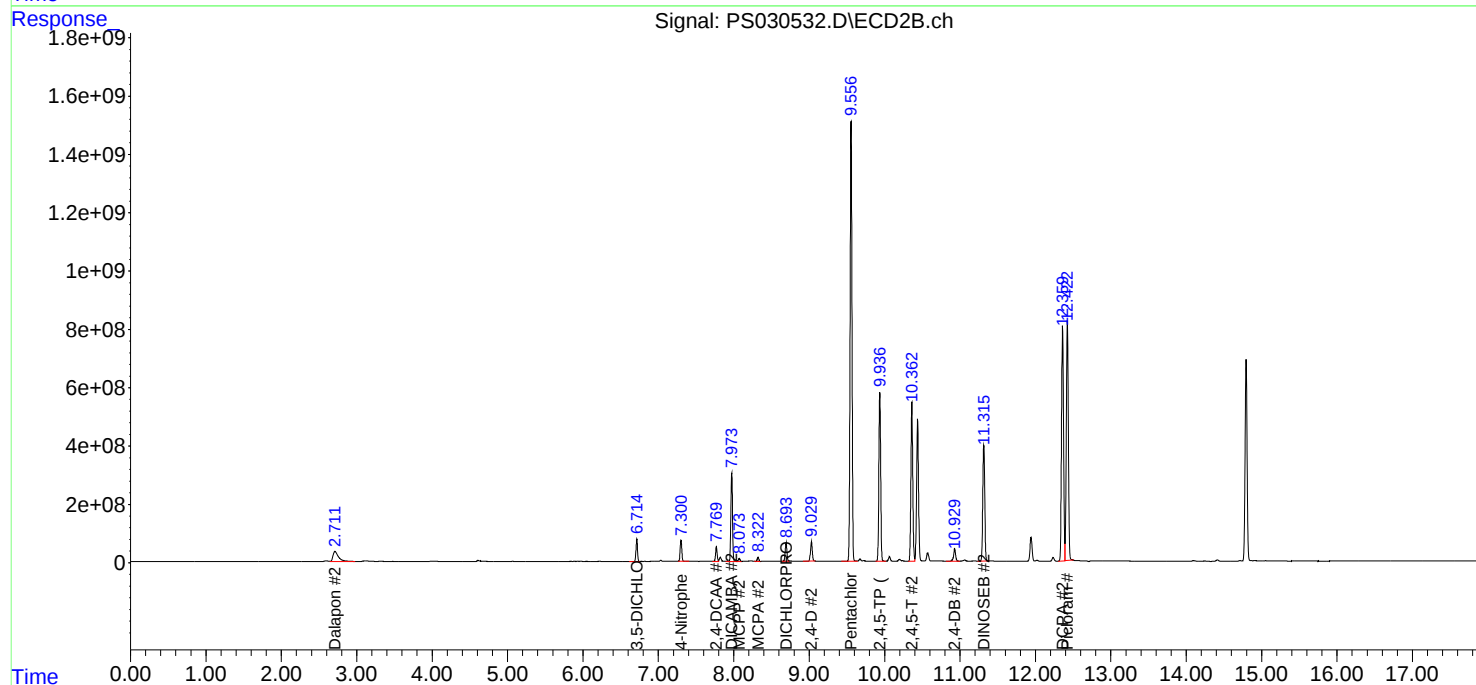
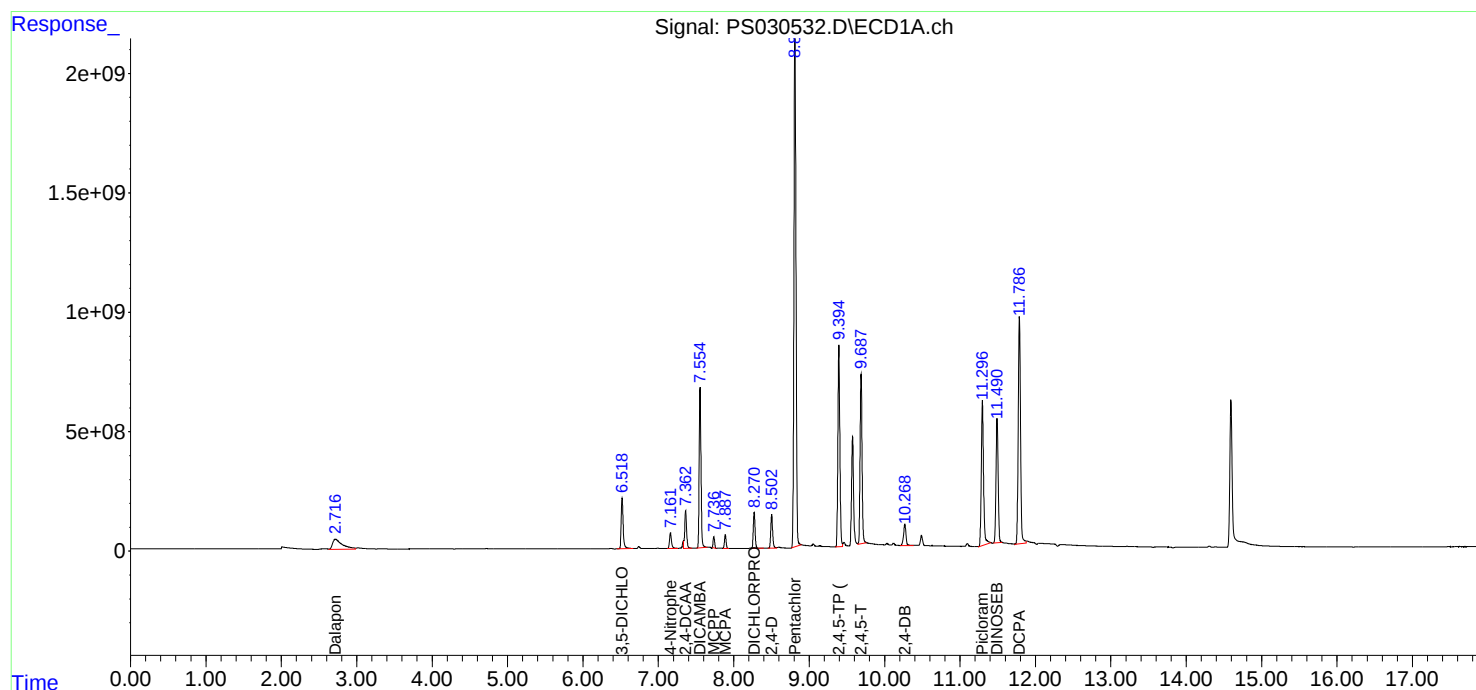
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

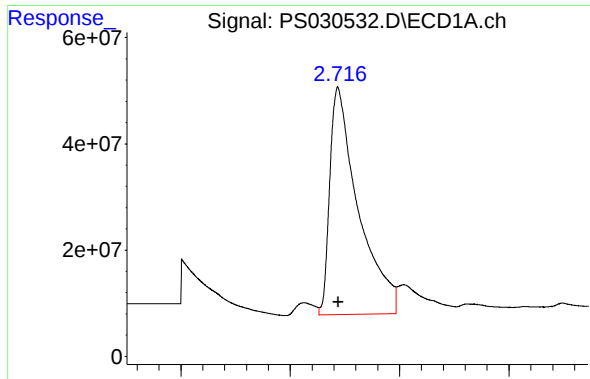
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 01:21:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





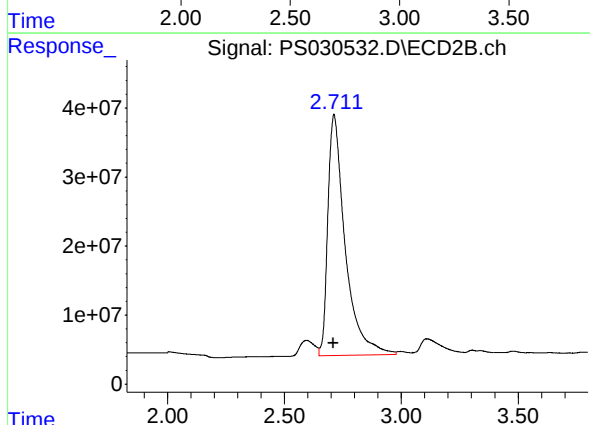
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 3871284711
Conc: 685.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

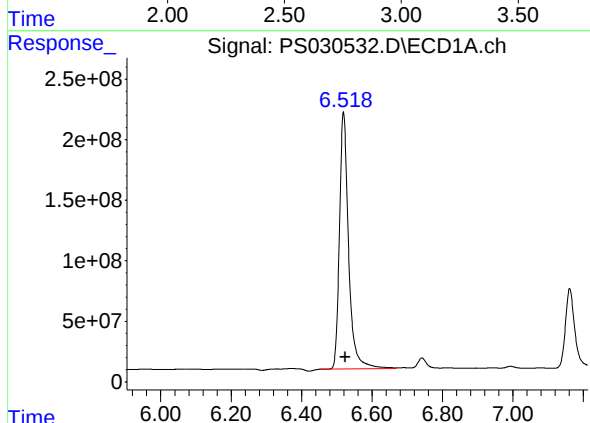
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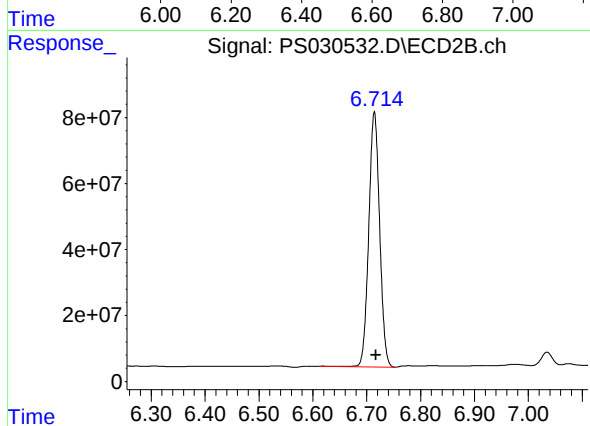
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.001 min
Response: 1802926788
Conc: 658.00 ng/ml



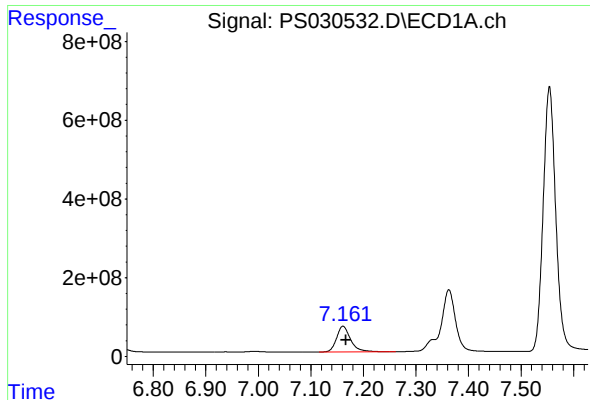
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 3839973240
Conc: 707.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 1082006712
Conc: 691.71 ng/ml



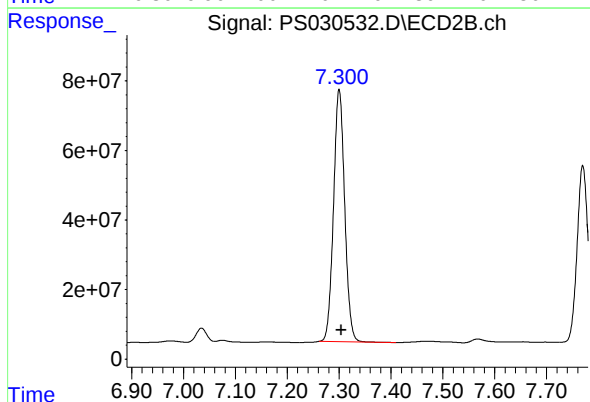
#3 4-Nitrophenol

R.T.: 7.161 min
Delta R.T.: -0.006 min
Response: 1220010438
Conc: 665.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

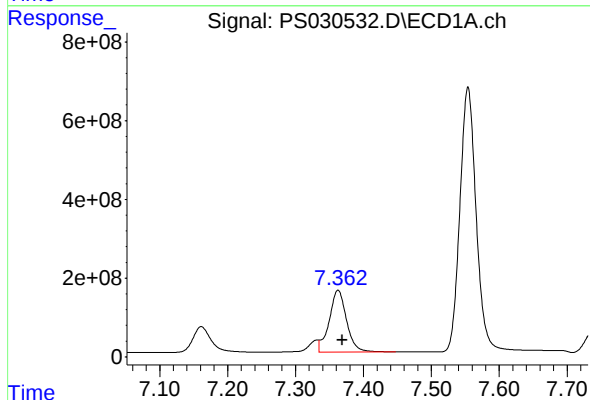
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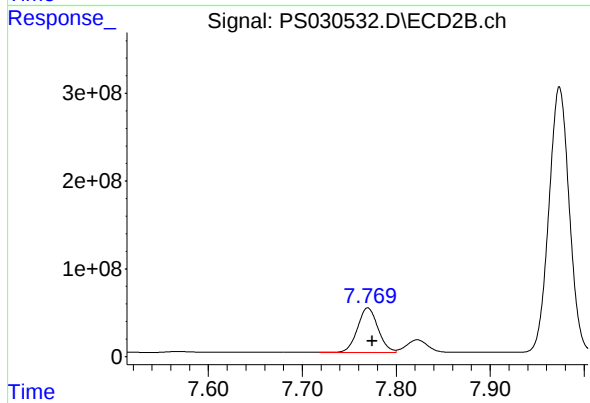
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1082736567
Conc: 690.85 ng/ml



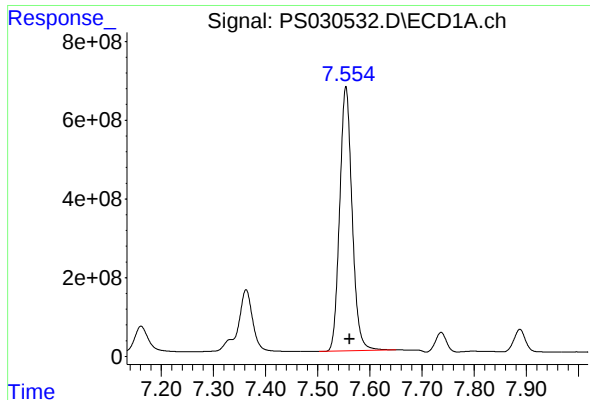
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 2798044648
Conc: 741.18 ng/ml m



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 782767875
Conc: 727.74 ng/ml



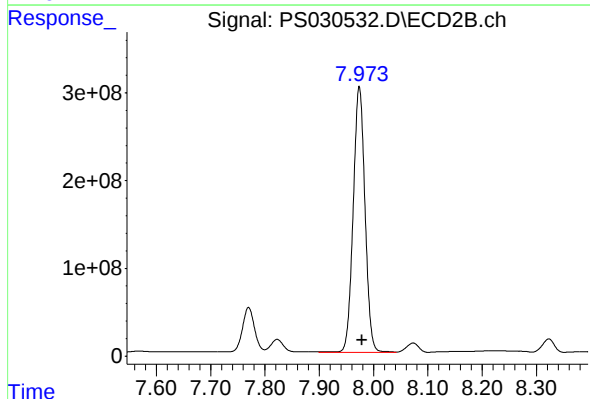
#5 DICAMBA

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 11122375919
Conc: 721.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

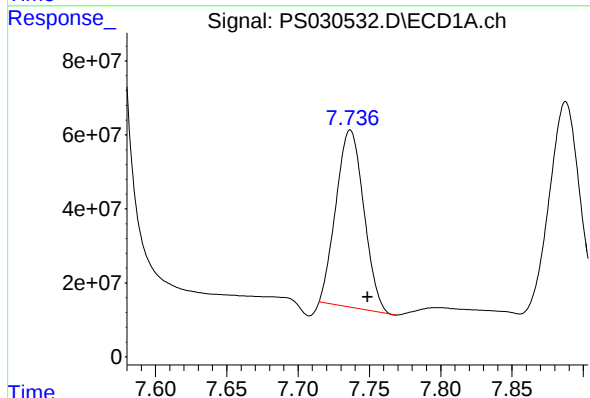
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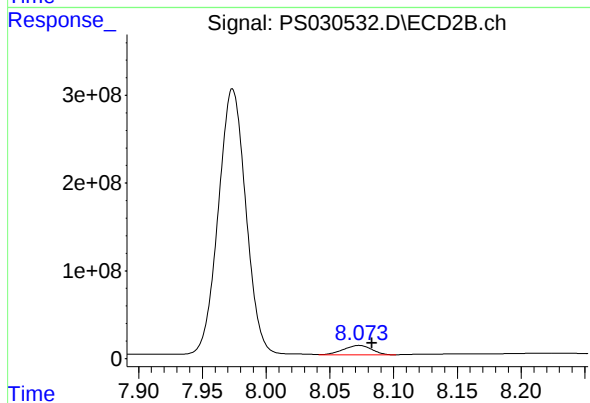
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: -0.005 min
Response: 4578262647
Conc: 710.73 ng/ml



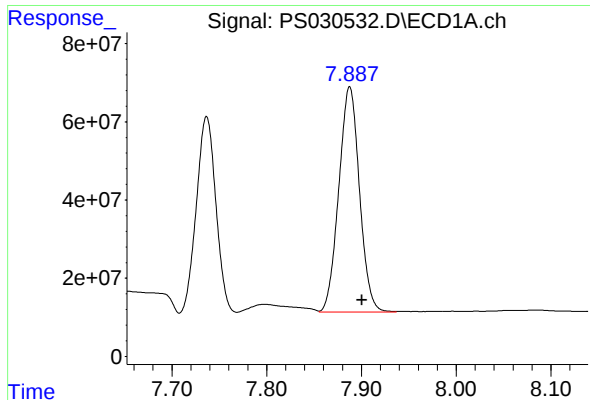
#6 MCPP

R.T.: 7.737 min
Delta R.T.: -0.012 min
Response: 650407428
Conc: 65.67 ug/ml



#6 MCPP

R.T.: 8.073 min
Delta R.T.: -0.010 min
Response: 165271804
Conc: 71.50 ug/ml



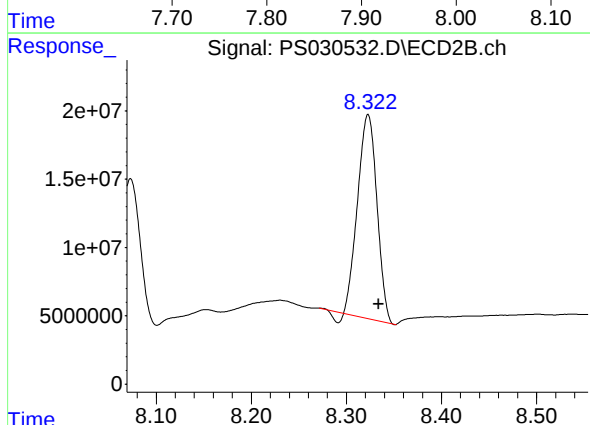
#7 MCPA

R.T.: 7.888 min
Delta R.T.: -0.013 min
Response: 873864734
Conc: 68.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

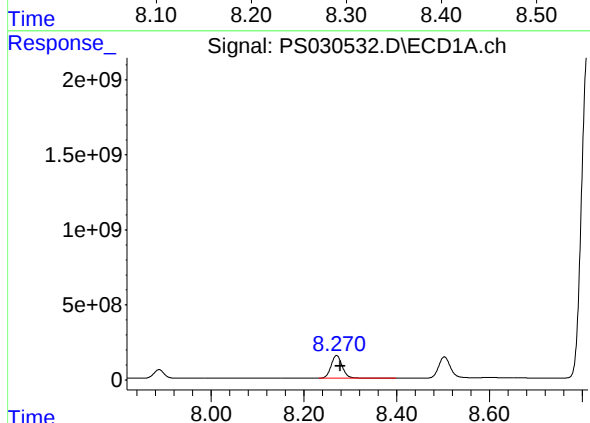
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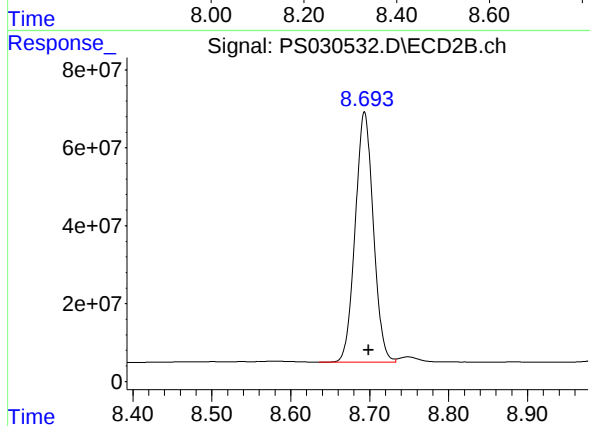
#7 MCPA

R.T.: 8.323 min
Delta R.T.: -0.011 min
Response: 208340495
Conc: 67.51 ug/ml



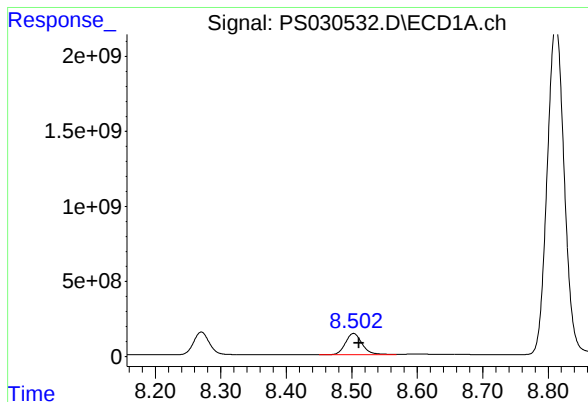
#8 DICHLORPROP

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 2534697097
Conc: 696.70 ng/ml



#8 DICHLORPROP

R.T.: 8.694 min
Delta R.T.: -0.005 min
Response: 1025676699
Conc: 691.06 ng/ml



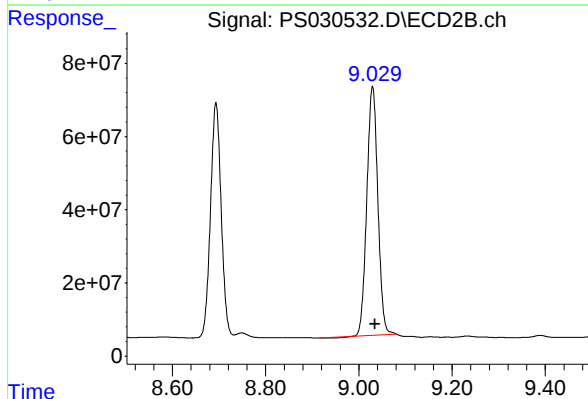
#9 2,4-D

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 2517989983
Conc: 691.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

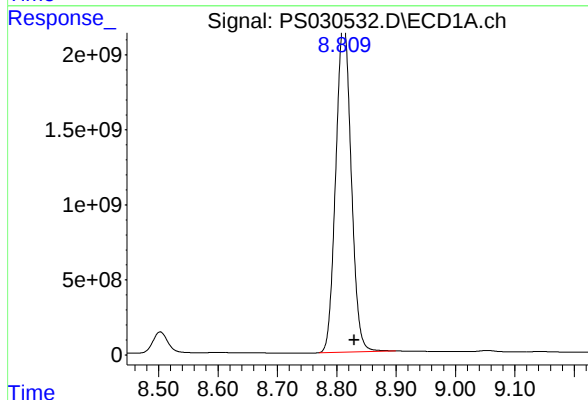
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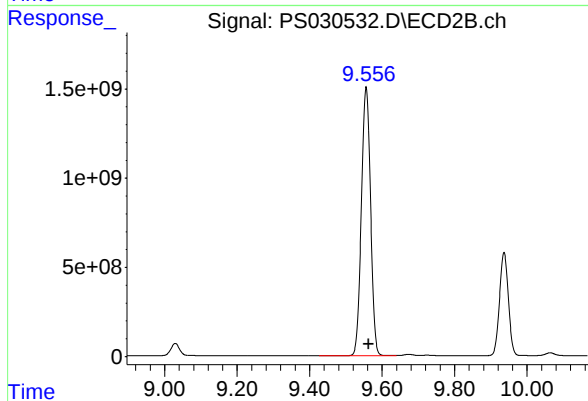
#9 2,4-D

R.T.: 9.029 min
Delta R.T.: -0.005 min
Response: 1113483145
Conc: 708.18 ng/ml



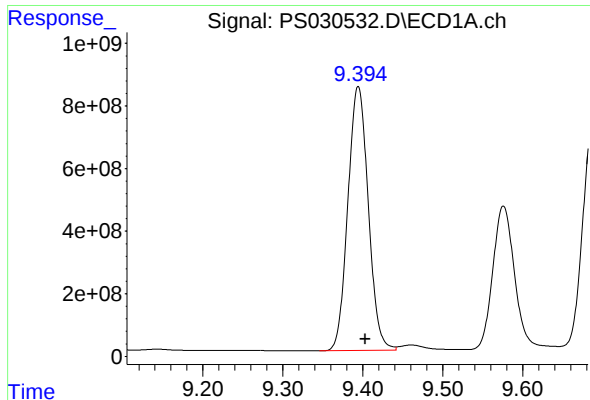
#10 Pentachlorophenol

R.T.: 8.812 min
Delta R.T.: -0.018 min
Response: 39288144640
Conc: 773.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.556 min
Delta R.T.: -0.007 min
Response: 26432447807
Conc: 731.43 ng/ml



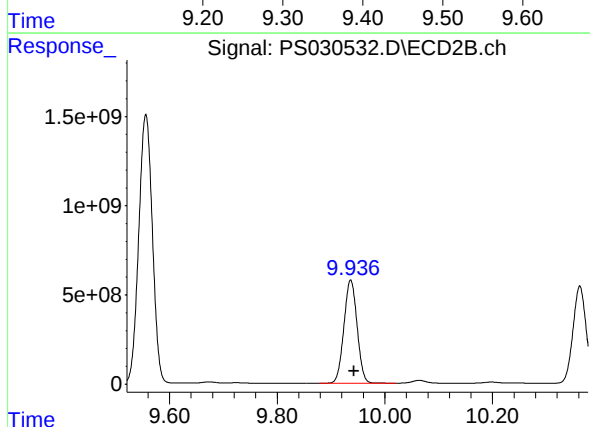
#11 2,4,5-TP (SILVEX)

R.T.: 9.394 min
Delta R.T.: -0.009 min
Response: 14961241565
Conc: 723.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

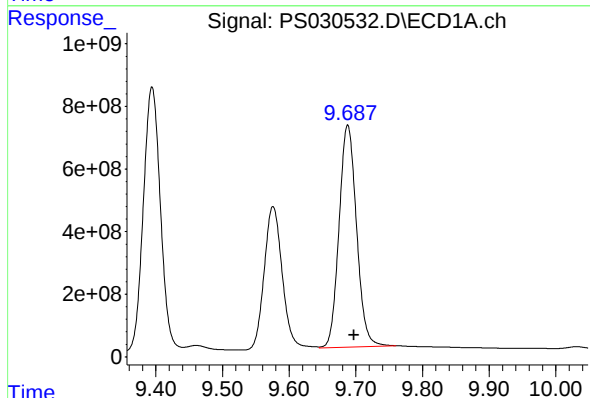
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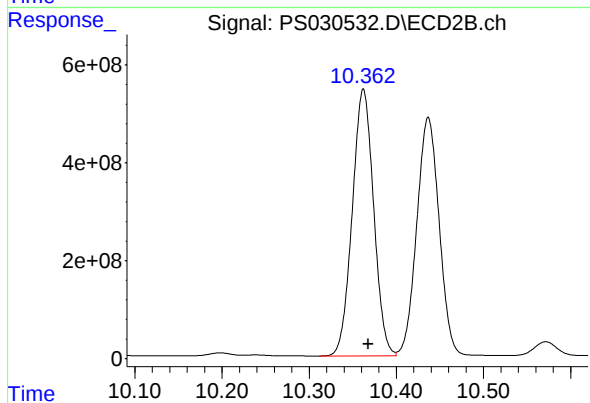
#11 2,4,5-TP (SILVEX)

R.T.: 9.937 min
Delta R.T.: -0.006 min
Response: 9786955650
Conc: 713.50 ng/ml



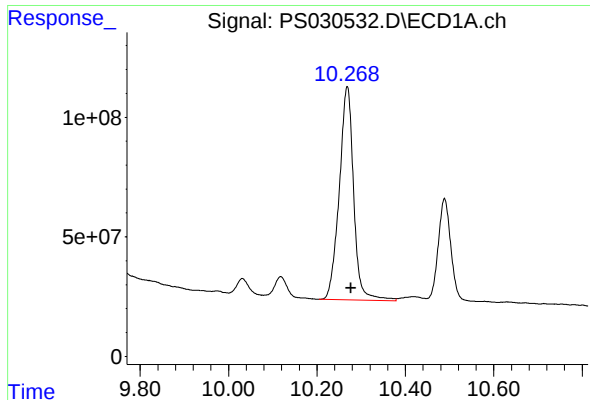
#12 2,4,5-T

R.T.: 9.688 min
Delta R.T.: -0.010 min
Response: 12904845022
Conc: 700.17 ng/ml



#12 2,4,5-T

R.T.: 10.362 min
Delta R.T.: -0.006 min
Response: 9299114307
Conc: 712.19 ng/ml



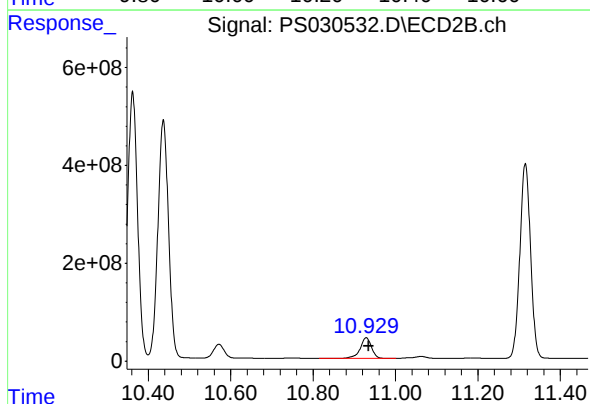
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.009 min
Response: 2018048905
Conc: 664.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

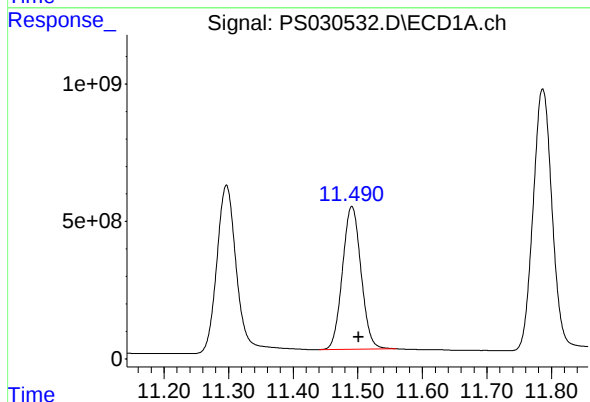
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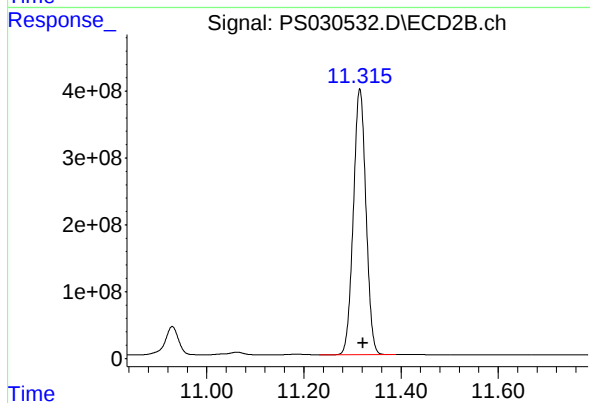
#13 2,4-DB

R.T.: 10.929 min
Delta R.T.: -0.006 min
Response: 799861419
Conc: 695.80 ng/ml



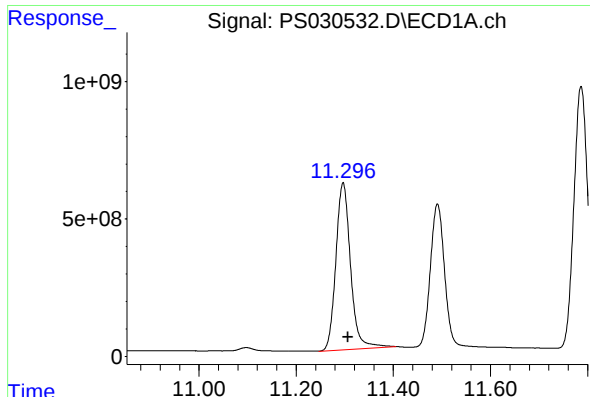
#14 DINOSEB

R.T.: 11.491 min
Delta R.T.: -0.011 min
Response: 10394777764
Conc: 723.12 ng/ml



#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: -0.006 min
Response: 7166194919
Conc: 713.05 ng/ml



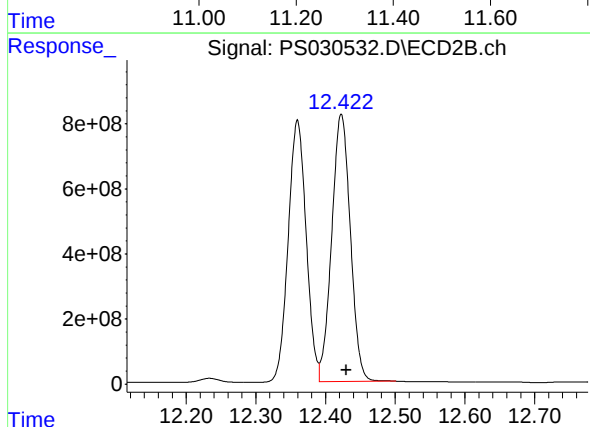
#15 Picloram

R.T.: 11.296 min
Delta R.T.: -0.010 min
Response: 12742976063
Conc: 637.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

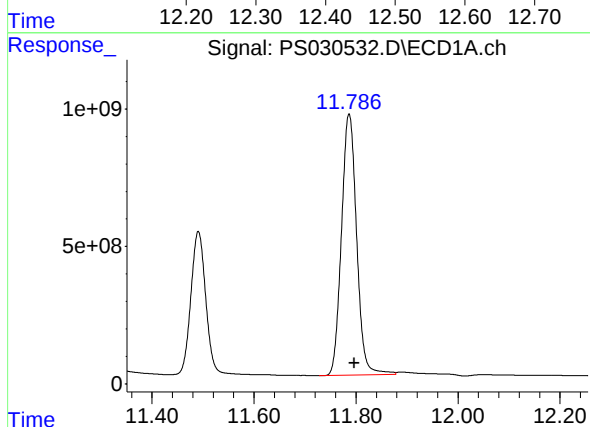
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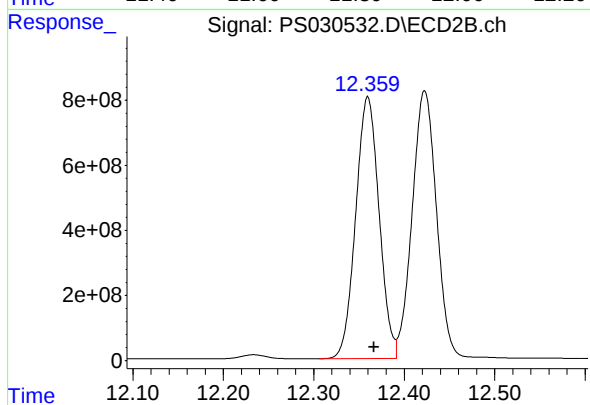
#15 Picloram

R.T.: 12.423 min
Delta R.T.: -0.007 min
Response: 15285616071
Conc: 692.16 ng/ml



#16 DCPA

R.T.: 11.786 min
Delta R.T.: -0.011 min
Response: 19586889676
Conc: 740.80 ng/ml



#16 DCPA

R.T.: 12.359 min
Delta R.T.: -0.007 min
Response: 14476956978
Conc: 707.47 ng/ml m