

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042125\
 Data File : PS029880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 18:29
 Operator : AR\AJ
 Sample : Q1832-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PL-714-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:43:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.945	7.471	1138.9E6	367.9E6	558.624	539.901
Target Compounds							
1) T	Dalapon	2.451	2.528	1538.6E6	960.7E6	453.553	605.120 #
2) T	3,5-DICHL...	6.148	6.467	1725.5E6	492.2E6	573.679	509.767
3) T	4-Nitroph...	6.733	7.005	20798251	8169818	14.805	11.523m
5) T	DICAMBA	7.121	7.657	4133.4E6	1911.6E6	496.686m	517.570
6) T	MCPD	7.298	7.764	411.4E6	71135545	75.901	42.130 #
7) T	MCPA	7.441	7.993	341.0E6	116.2E6	46.906m	51.071
8) T	DICHLORPROP	7.801	8.352	1143.3E6	644.4E6	519.792	666.933 #
9) T	2,4-D	8.022	8.665	1483.8E6	620.2E6	615.775	575.107
10) T	Pentachlo...	8.301	9.167	16597.8E6	10182.9E6	545.892	567.995
11) T	2,4,5-TP ...	8.865	9.546	6780.6E6	4462.2E6	583.765	618.636
12) T	2,4,5-T	9.147	9.951	6738.5E6	3901.0E6	585.730	581.985
13) T	2,4-DB	9.707	10.510	1010.3E6	413.7E6	556.080	557.611
14) T	DINOSEB	10.870f	10.884	3596.7E6	2092.6E6	426.050	409.282m
15) T	Picloram	10.688f	11.926	7651.2E6	4188.4E6	493.612	354.216m#
16) T	DCPA	11.171	11.918	7942.6E6	5734.1E6	568.709	647.876m

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

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ALS Vial : 13 Sample Multiplier: 1

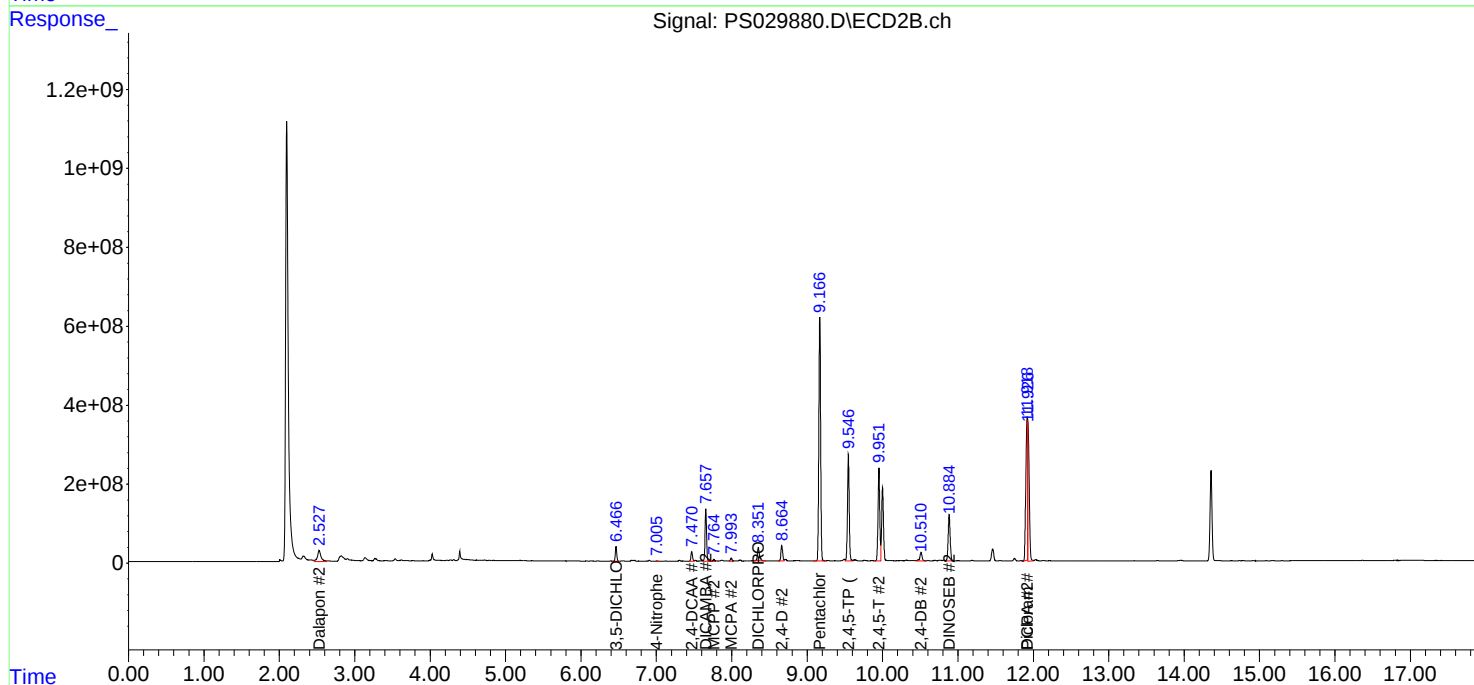
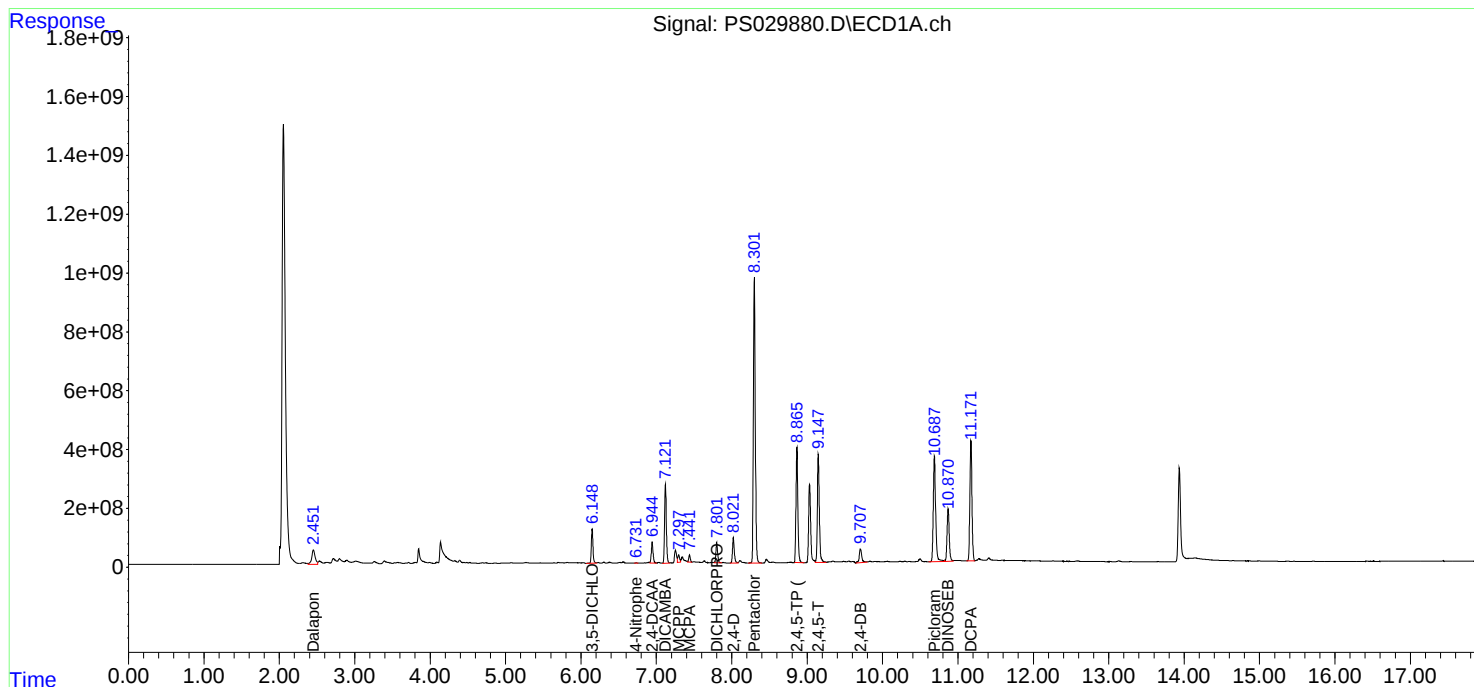
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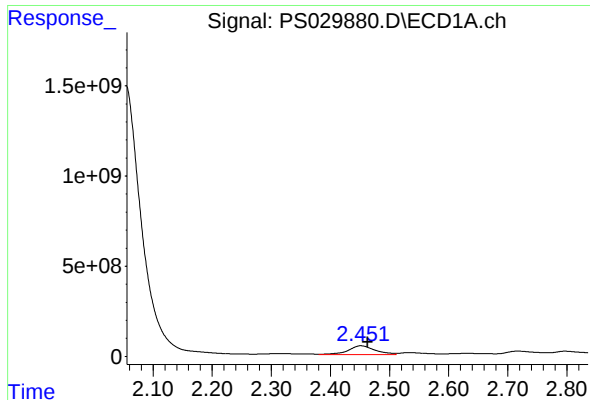
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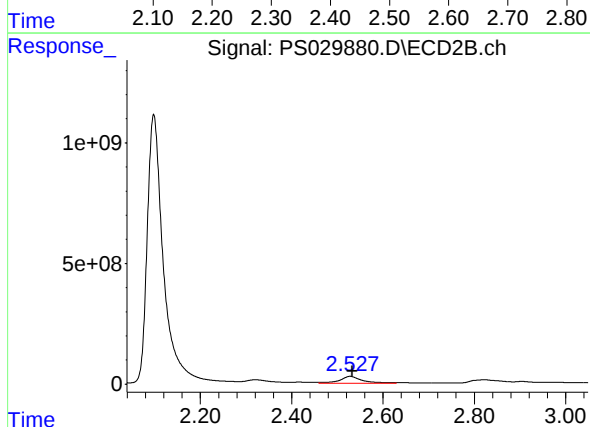
#1 Dalapon

R.T.: 2.451 min
Delta R.T.: -0.012 min
Response: 1538630043
Conc: 453.55 ng/ml

Instrument :
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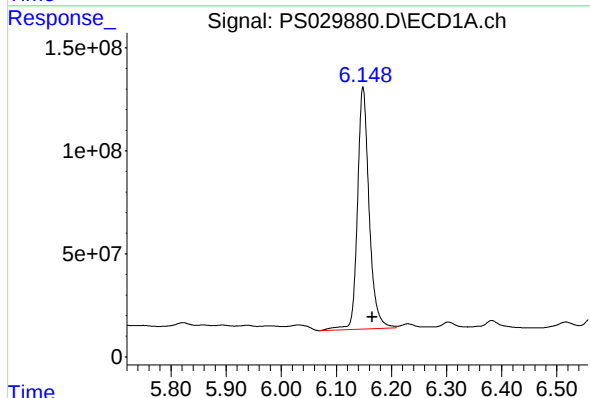
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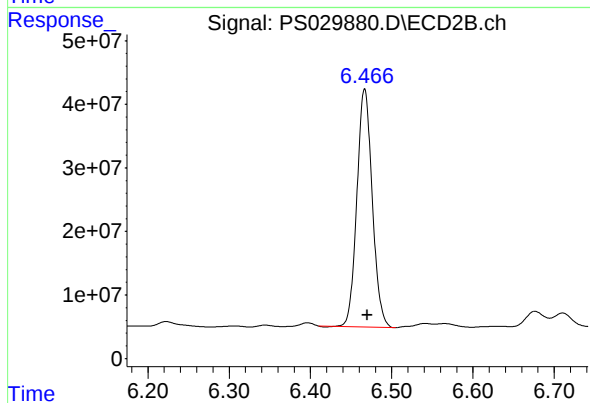
#1 Dalapon

R.T.: 2.528 min
Delta R.T.: -0.005 min
Response: 960686011
Conc: 605.12 ng/ml



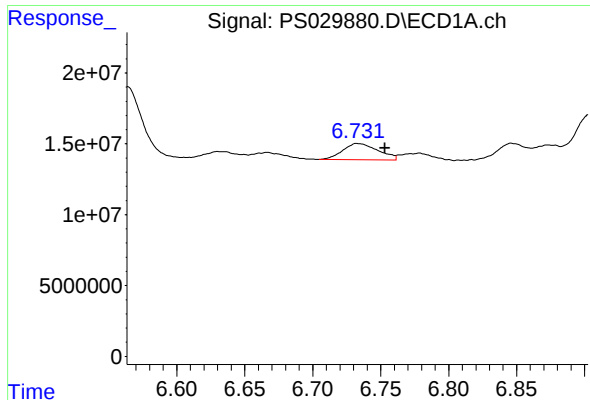
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.148 min
Delta R.T.: -0.017 min
Response: 1725488278
Conc: 573.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 492208942
Conc: 509.77 ng/ml



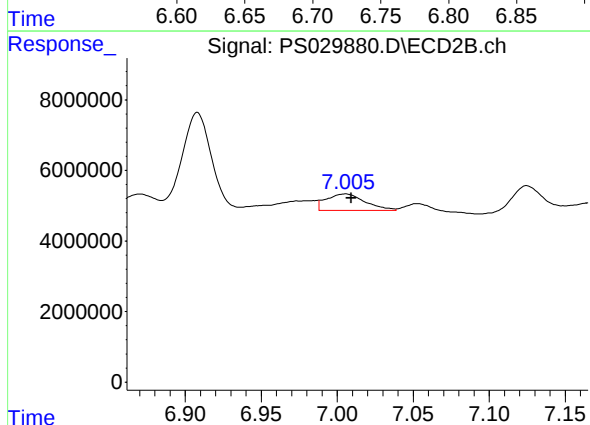
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: -0.020 min
Response: 20798251
Conc: 14.81 ng/ml

Instrument :
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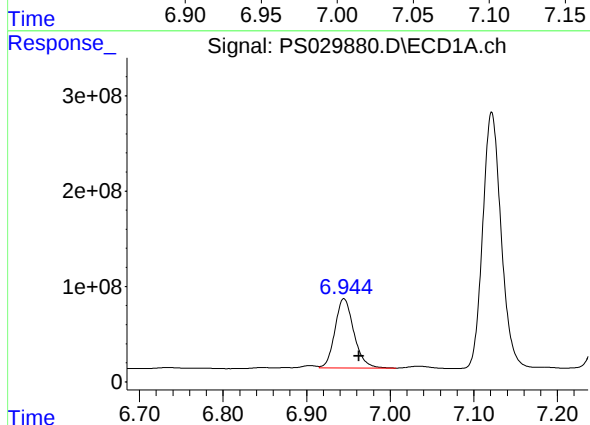
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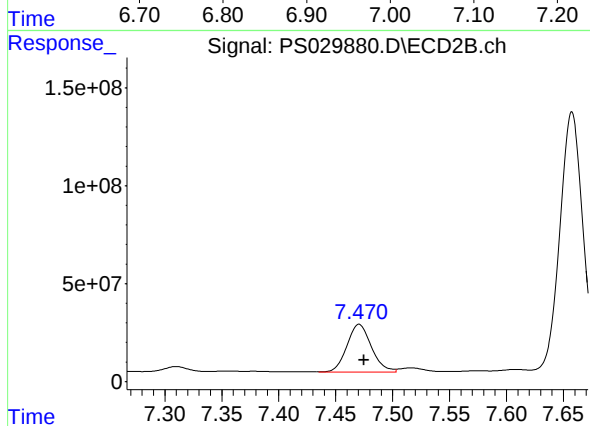
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 8169818
Conc: 11.52 ng/ml



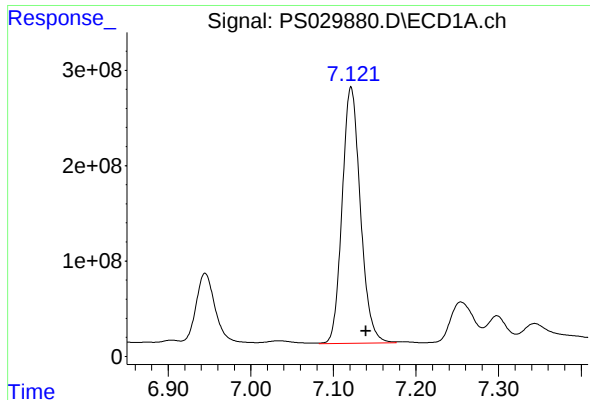
#4 2,4-DCAA

R.T.: 6.945 min
Delta R.T.: -0.018 min
Response: 1138939158
Conc: 558.62 ng/ml



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 367949261
Conc: 539.90 ng/ml



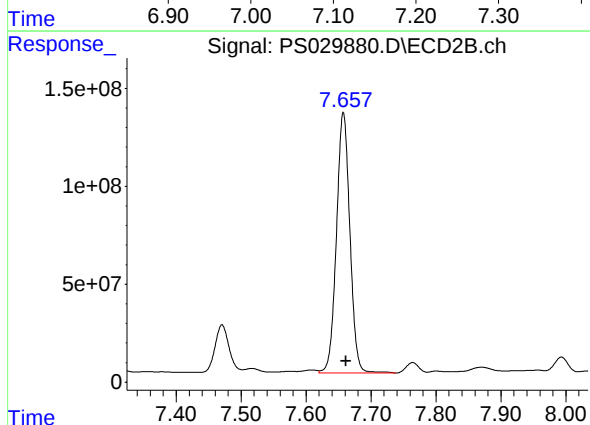
#5 DICAMBA

R.T.: 7.121 min
Delta R.T.: -0.019 min
Response: 4133388058
Conc: 496.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
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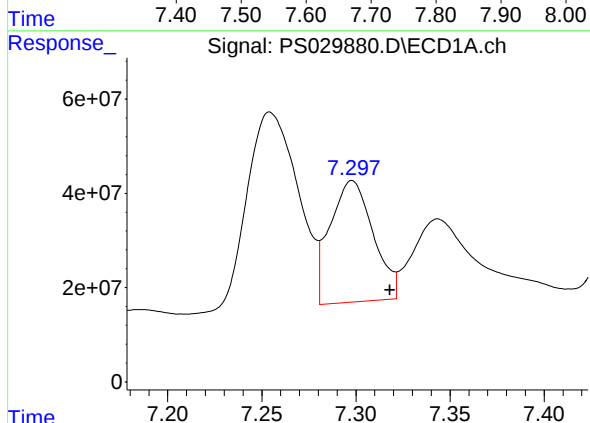
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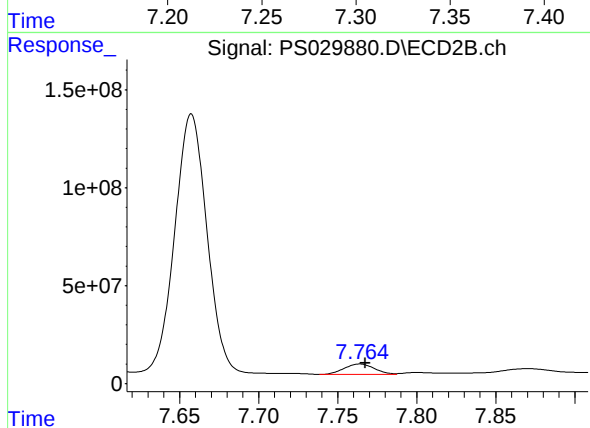
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 1911577920
Conc: 517.57 ng/ml



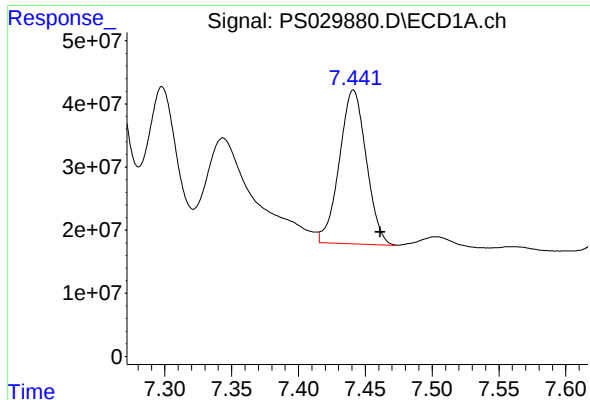
#6 MCPP

R.T.: 7.298 min
Delta R.T.: -0.020 min
Response: 411373641
Conc: 75.90 ug/ml



#6 MCPP

R.T.: 7.764 min
Delta R.T.: -0.003 min
Response: 71135545
Conc: 42.13 ug/ml



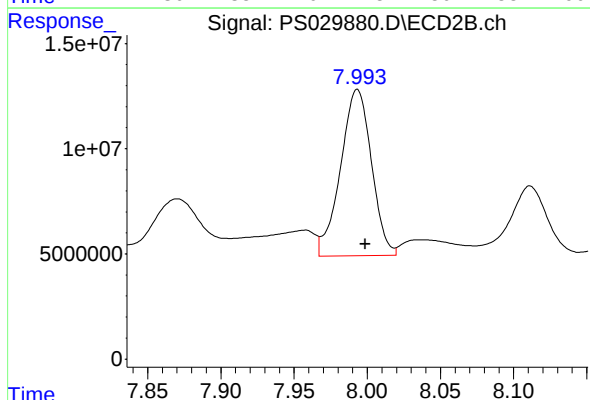
#7 MCPA

R.T.: 7.441 min
Delta R.T.: -0.020 min
Response: 340963711
Conc: 46.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
PL-714-COMP-01MSD

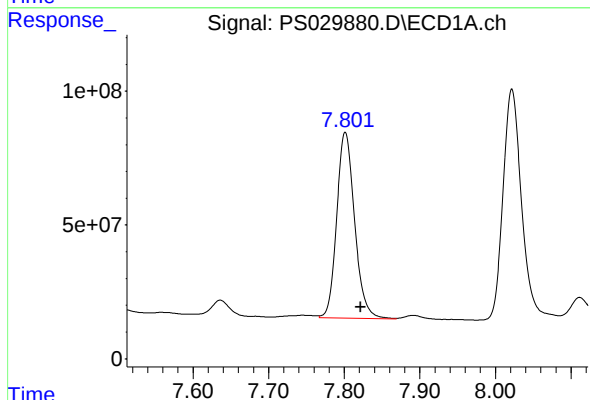
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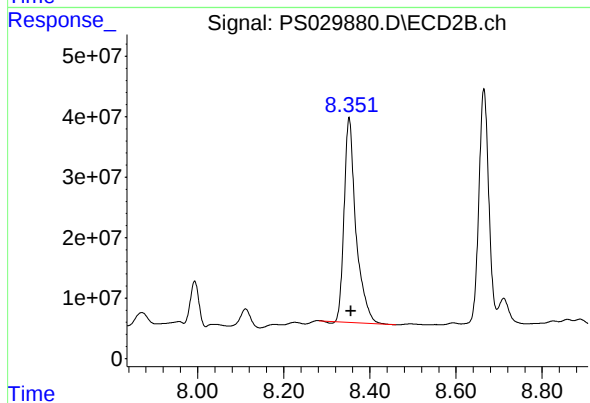
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.005 min
Response: 116198977
Conc: 51.07 ug/ml



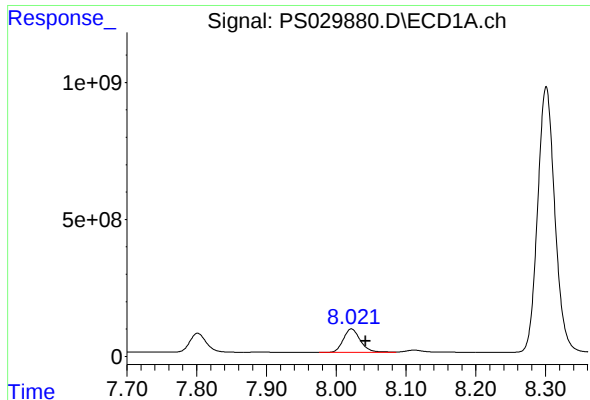
#8 DICHLORPROP

R.T.: 7.801 min
Delta R.T.: -0.021 min
Response: 1143250425
Conc: 519.79 ng/ml



#8 DICHLORPROP

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 644359244
Conc: 666.93 ng/ml



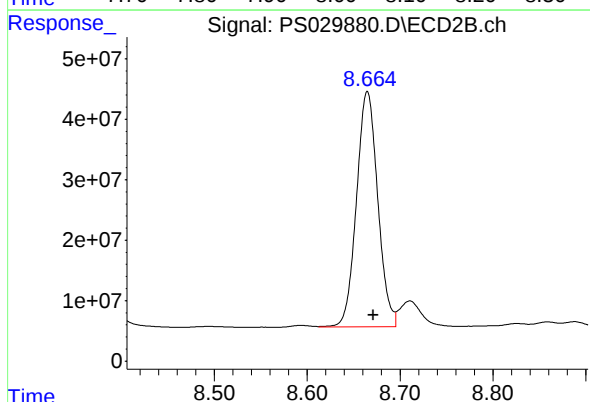
#9 2,4-D

R.T.: 8.022 min
Delta R.T.: -0.021 min
Response: 1483764500
Conc: 615.77 ng/ml

Instrument :
ECD_S
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PL-714-COMP-01MSD

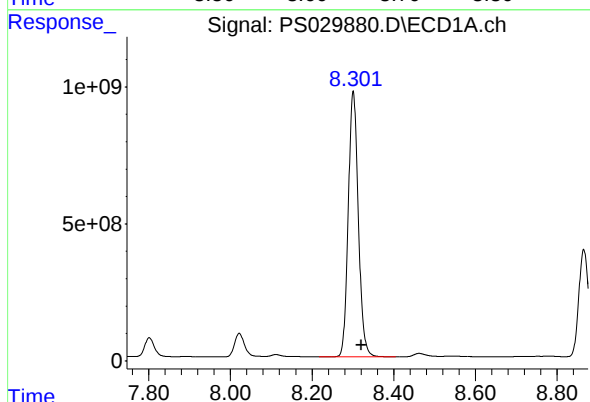
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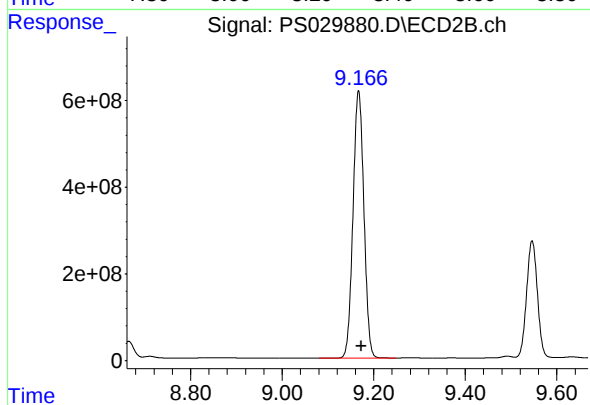
#9 2,4-D

R.T.: 8.665 min
Delta R.T.: -0.006 min
Response: 620232417
Conc: 575.11 ng/ml



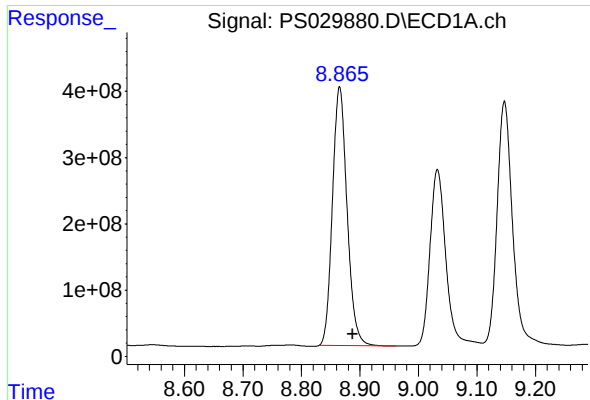
#10 Pentachlorophenol

R.T.: 8.301 min
Delta R.T.: -0.020 min
Response: 16597843131
Conc: 545.89 ng/ml



#10 Pentachlorophenol

R.T.: 9.167 min
Delta R.T.: -0.006 min
Response: 10182850533
Conc: 567.99 ng/ml



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

R.T.: 8.865 min
Delta R.T.: -0.022 min
Response: 6780636093
Conc: 583.76 ng/ml

Instrument :

ECD_S

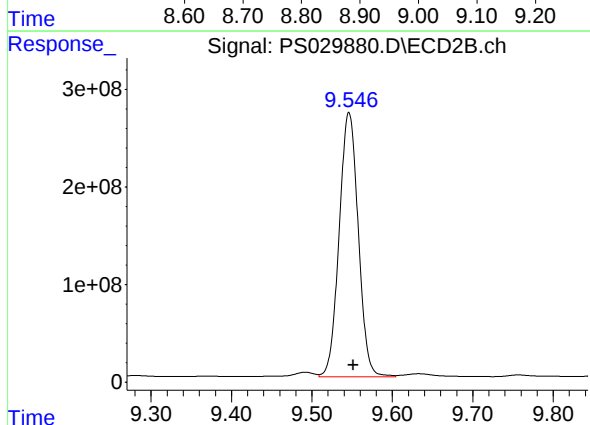
ClientSampleId :

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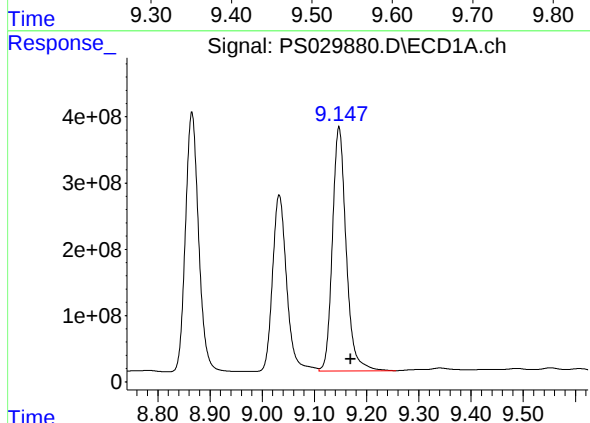
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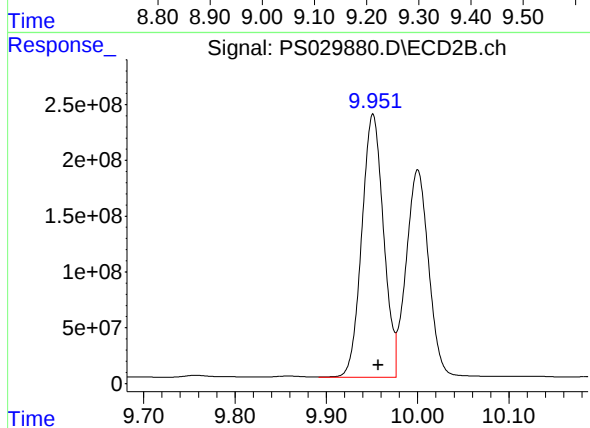
#11 2,4,5-TP (SILVEX)

R.T.: 9.546 min
Delta R.T.: -0.005 min
Response: 4462195408
Conc: 618.64 ng/ml



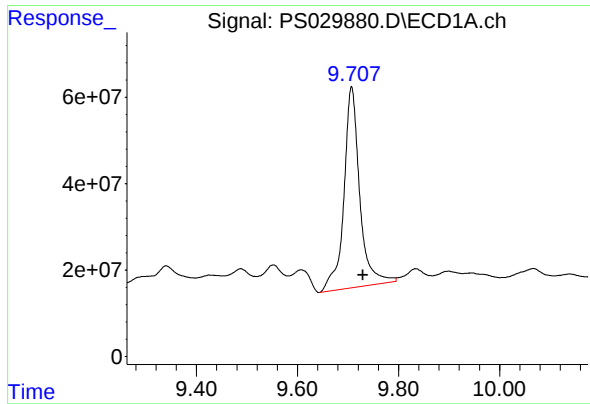
#12 2,4,5-T

R.T.: 9.147 min
Delta R.T.: -0.023 min
Response: 6738486170
Conc: 585.73 ng/ml



#12 2,4,5-T

R.T.: 9.951 min
Delta R.T.: -0.006 min
Response: 3900952026
Conc: 581.99 ng/ml



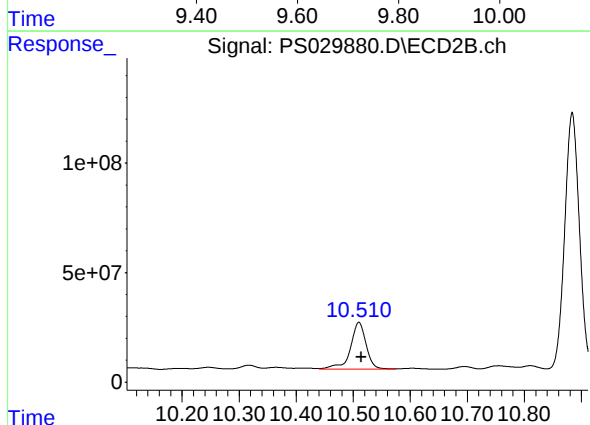
#13 2,4-DB

R.T.: 9.707 min
Delta R.T.: -0.022 min
Response: 1010254942
Conc: 556.08 ng/ml

Instrument :
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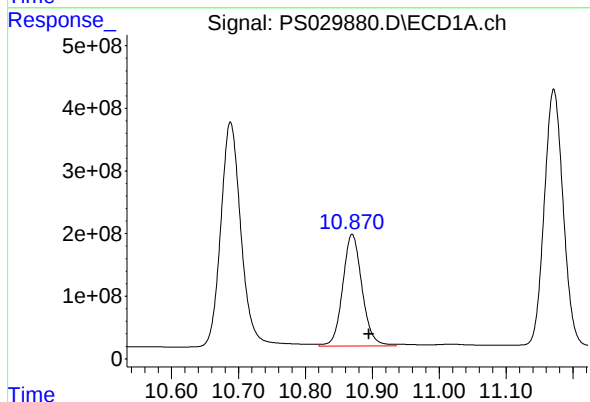
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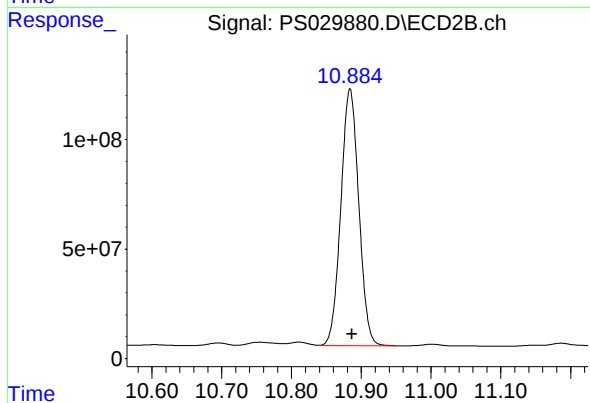
#13 2,4-DB

R.T.: 10.510 min
Delta R.T.: -0.004 min
Response: 413733704
Conc: 557.61 ng/ml



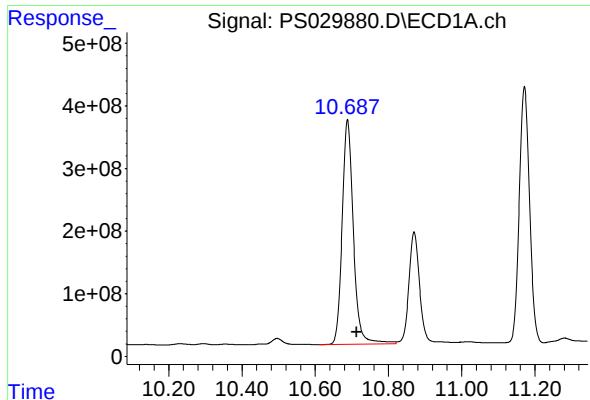
#14 DINOSEB

R.T.: 10.870 min
Delta R.T.: -0.025 min
Response: 3596735003
Conc: 426.05 ng/ml



#14 DINOSEB

R.T.: 10.884 min
Delta R.T.: -0.003 min
Response: 2092578314
Conc: 409.28 ng/ml m



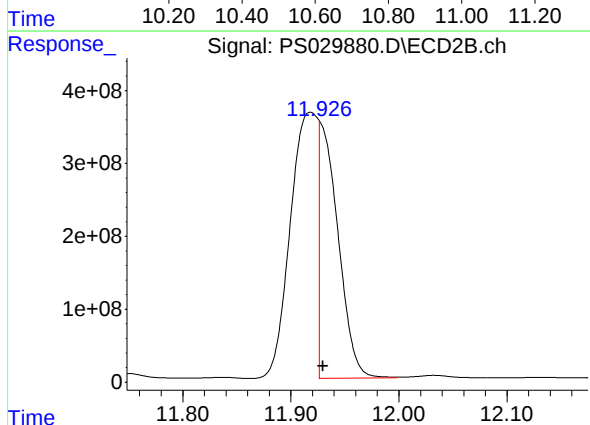
#15 Picloram

R.T.: 10.688 min
Delta R.T.: -0.025 min
Response: 7651175592
Conc: 493.61 ng/ml

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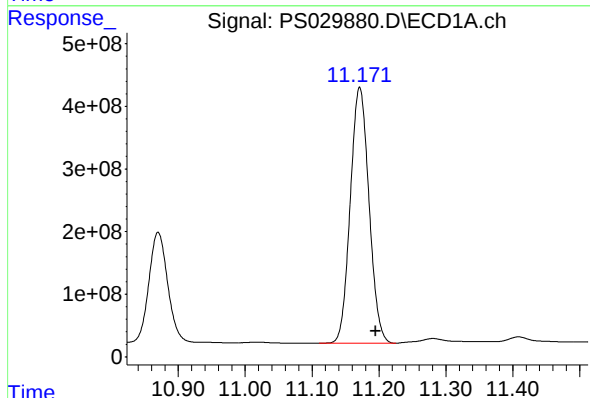
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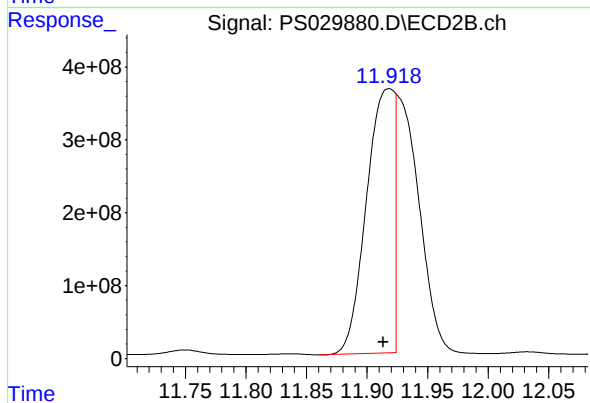
#15 Picloram

R.T.: 11.926 min
Delta R.T.: -0.003 min
Response: 4188400558
Conc: 354.22 ng/ml m



#16 DCPA

R.T.: 11.171 min
Delta R.T.: -0.024 min
Response: 7942646483
Conc: 568.71 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: 0.005 min
Response: 5734130312
Conc: 647.88 ng/ml m